

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017228.D
 Acq On : 19 Oct 2018 14:00
 Operator : MJ/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:49:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	244869	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1123564	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	674108	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1436627	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1322516	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1269601	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1145795	79.14	ng	0.00
7) Phenol-d6	6.85	99	1589607	80.62	ng	0.00
23) Nitrobenzene-d5	8.82	82	1658932	86.35	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	740955	81.28	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4116844	81.26	ng	0.00
79) Terphenyl-d14	19.70	244	5252462	89.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	264762	35.813	ng	# 85
3) Pyridine	3.65	79	672556	39.537	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	279979	41.000	ng	# 67
6) Aniline	7.01	93	991287	40.193	ng	98
8) 2-Chlorophenol	7.23	128	693903	41.429	ng	96
9) Benzaldehyde	6.82	77	496460	39.488	ng	95
10) Phenol	6.87	94	836480	39.417	ng	98
11) bis(2-Chloroethyl)ether	7.10	93	679877	40.189	ng	97
12) 1,3-Dichlorobenzene	7.56	146	765801	39.222	ng	97
13) 1,4-Dichlorobenzene	7.70	146	789963	39.601	ng	97
14) 1,2-Dichlorobenzene	8.02	146	770545	40.091	ng	99
15) Benzyl Alcohol	7.91	79	652896	45.300	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.20	45	933530	39.499	ng	99
17) 2-Methylphenol	8.11	107	575330	42.238	ng	97
18) Hexachloroethane	8.73	117	281391	41.219	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	589684	45.418	ng	97
20) 3+4-Methylphenols	8.44	107	801976	43.048	ng	97
22) Acetophenone	8.49	105	1125578	39.520	ng	# 97
24) Nitrobenzene	8.86	77	849773	41.818	ng	93
25) Isophorone	9.39	82	1335557	42.101	ng	98
26) 2-Nitrophenol	9.57	139	406787	43.394	ng	96
27) 2,4-Dimethylphenol	9.63	122	583177	41.575	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	915041	40.982	ng	100
29) 2,4-Dichlorophenol	10.10	162	703998	43.226	ng	100
30) 1,2,4-Trichlorobenzene	10.31	180	793553	40.617	ng	99
31) Naphthalene	10.49	128	2173431	39.473	ng	100
32) Benzoic acid	9.78	122	463080	44.245	ng	92
33) 4-Chloroaniline	10.61	127	996981	41.924	ng	98
34) Hexachlorobutadiene	10.77	225	505230	40.812	ng	99
35) Caprolactam	11.41	113	231434	38.992	ng	95
36) 4-Chloro-3-methylphenol	11.74	107	786100	42.820	ng	97
37) 2-Methylnaphthalene	12.11	142	1578684	41.899	ng	98
38) 1-Methylnaphthalene	12.33	142	1529548	41.709	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	963411	40.582	ng	99

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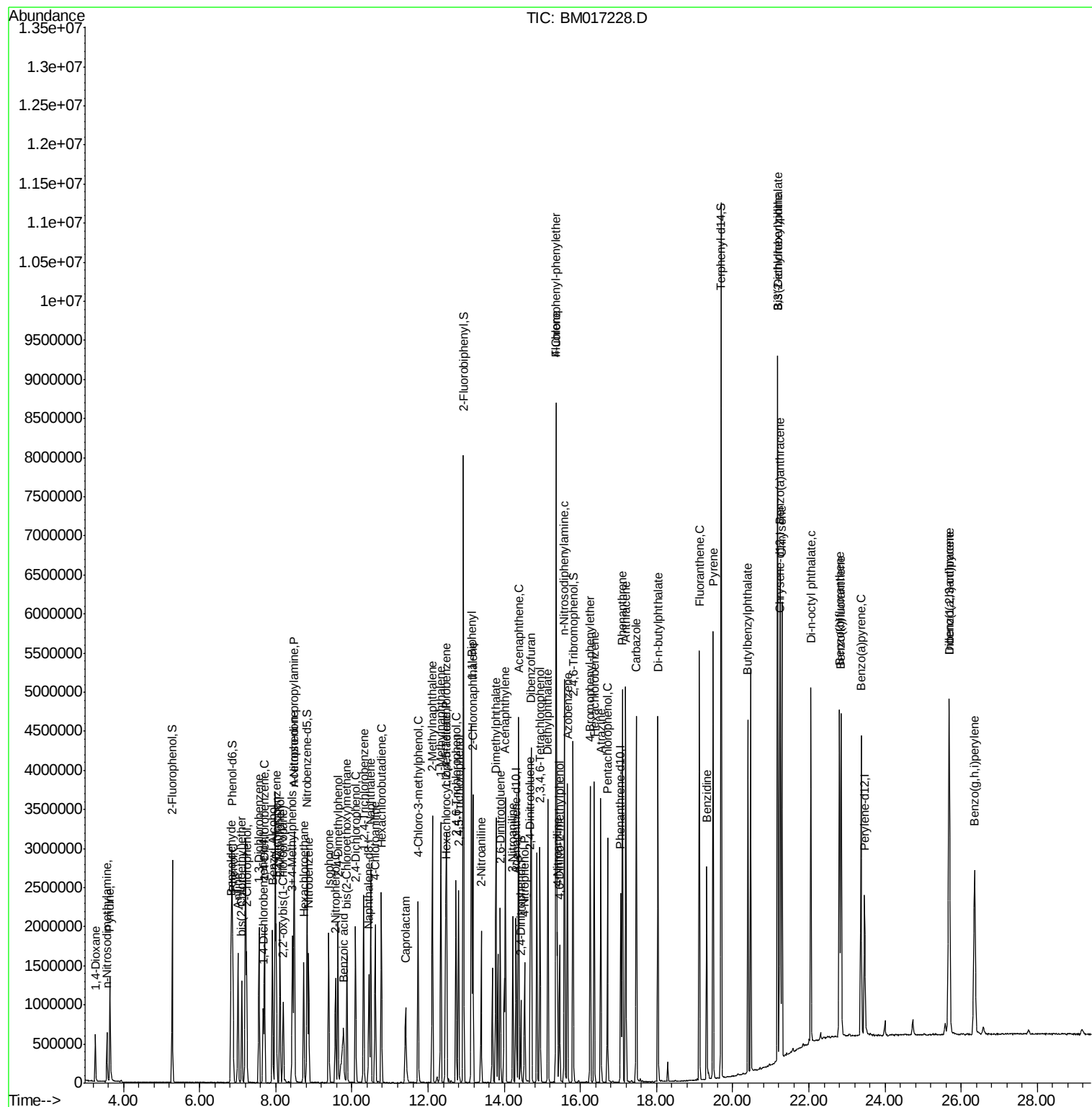
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	540933	47.133	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	605286	43.922	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	628264	42.514	ng	98
46) 1,1'-Biphenyl	13.14	154	2420341	39.898	ng	100
47) 2-Chloronaphthalene	13.17	162	1795170	40.225	ng	98
48) 2-Nitroaniline	13.39	65	510611	41.387	ng	99
49) Acenaphthylene	14.03	152	2644371	40.879	ng	100
50) Dimethylphthalate	13.78	163	2105509	40.484	ng	100
51) 2,6-Dinitrotoluene	13.90	165	466060	40.716	ng	98
52) Acenaphthene	14.37	154	1616470	39.799	ng	98
53) 3-Nitroaniline	14.23	138	484356	39.069	ng	96
54) 2,4-Dinitrophenol	14.43	184	213172	36.706	ng	96
55) Dibenzofuran	14.71	168	2634471	39.005	ng	97
56) 4-Nitrophenol	14.54	139	375720	36.009	ng	94
57) 2,4-Dinitrotoluene	14.69	165	626102	40.696	ng	# 98
58) Fluorene	15.36	166	1970569	39.416	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	568534	42.206	ng	97
60) Diethylphthalate	15.15	149	2108788	40.886	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1145476	40.191	ng	98
62) 4-Nitroaniline	15.40	138	494488	36.955	ng	94
63) Azobenzene	15.66	77	2031790	40.529	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	374205	41.648	ng	96
66) n-Nitrosodiphenylamine	15.58	169	1896273	43.628	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	702333	44.524	ng	96
68) Hexachlorobenzene	16.36	284	767936	41.910	ng	97
69) Atrazine	16.54	200	652990	41.976	ng	99
70) Pentachlorophenol	16.71	266	521034	41.510	ng	100
71) Phenanthrene	17.10	178	3044344	39.276	ng	99
72) Anthracene	17.19	178	3007187	40.831	ng	99
73) Carbazole	17.47	167	2912792	38.717	ng	100
74) Di-n-butylphthalate	18.04	149	3226884	40.667	ng	99
75) Fluoranthene	19.12	202	3225319	36.979	ng	99
77) Benzidine	19.32	184	1488664	44.392	ng	99
78) Pyrene	19.49	202	3356804	45.414	ng	100
80) Butylbenzylphthalate	20.40	149	1256292	45.163	ng	94
81) Benzo(a)anthracene	21.24	228	2999039	40.297	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	1158224	41.756	ng	99
83) Chrysene	21.29	228	2919110	39.627	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1767492	41.837	ng	98
85) Di-n-octyl phthalate	22.05	149	2806245	39.595	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	3114980	37.807	ng	98
88) Benzo(b)fluoranthene	22.80	252	2854826	41.128	ng	99
89) Benzo(k)fluoranthene	22.85	252	2748143	39.456	ng	99
90) Benzo(a)pyrene	23.37	252	2647368	40.169	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2634427	40.256	ng	99
92) Benzo(g,h,i)perylene	26.36	276	2571455	39.645	ng	99

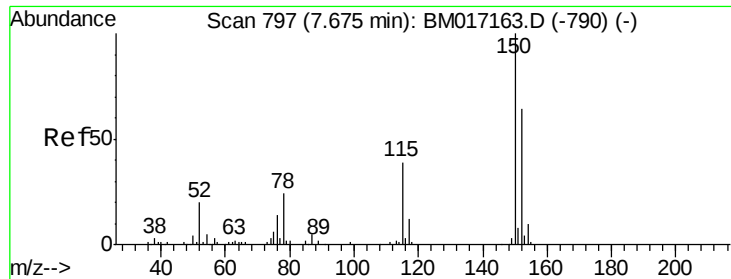
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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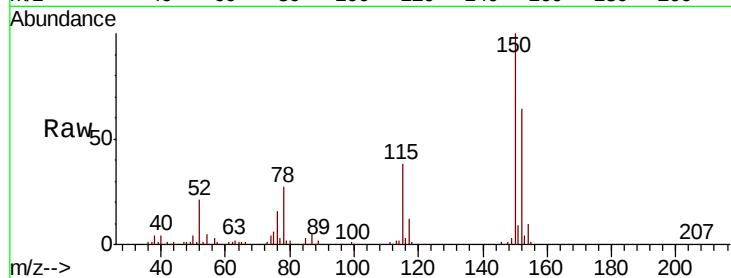


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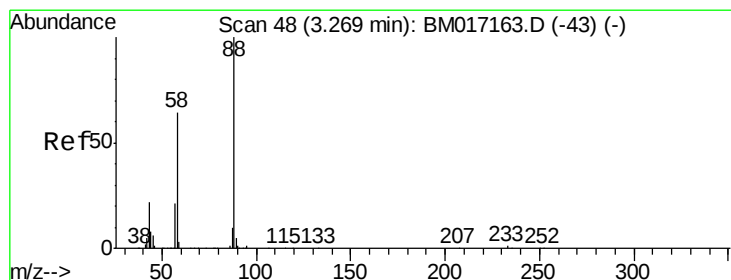
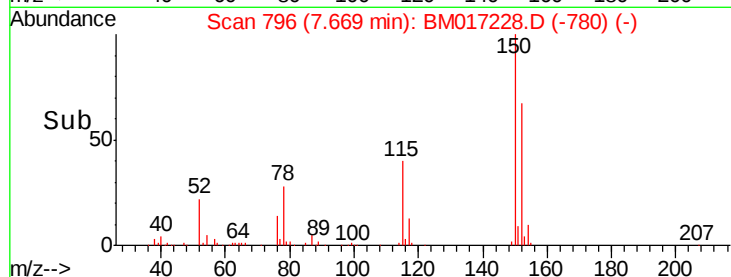
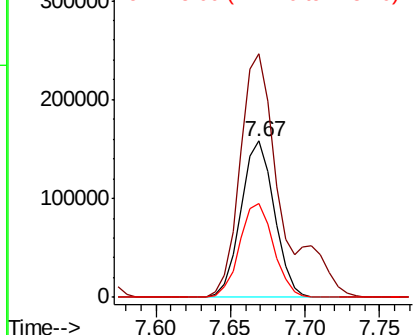
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 244869
Ion Ratio Lower Upper
152 100
150 155.8 124.3 186.5
115 59.8 48.1 72.1



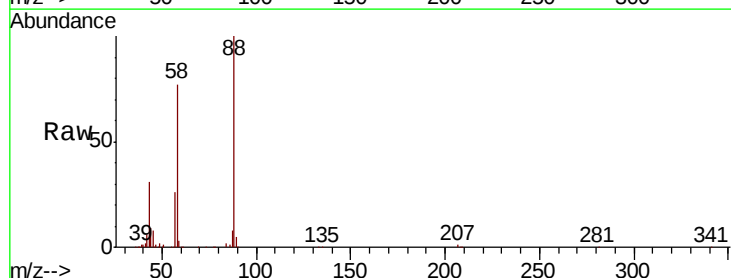
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



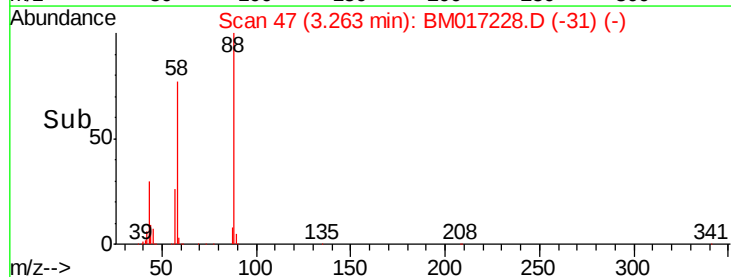
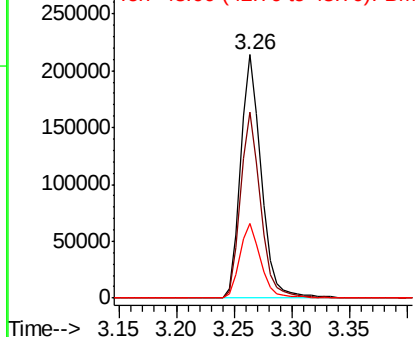
#2

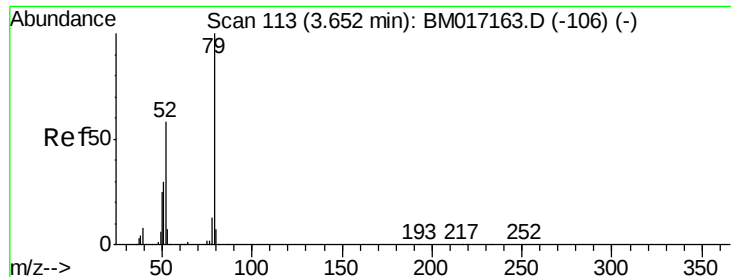
1,4-Dioxane
Concen: 35.813 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 88 Resp: 264762
Ion Ratio Lower Upper
88 100
58 74.6 50.2 75.4
43 30.9 19.3 28.9#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 39.537 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

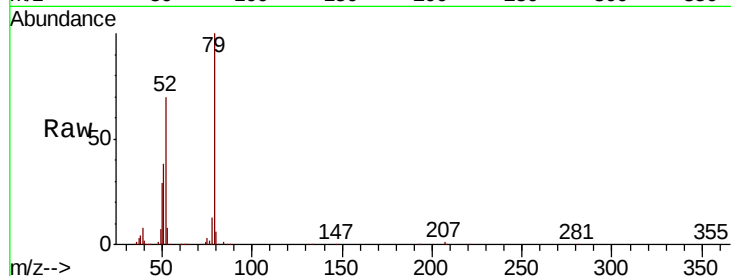
Tot Ion: 79 Resp: 672556

Ion Ratio Lower Upper

79 100

52 70.3 46.5 69.7#

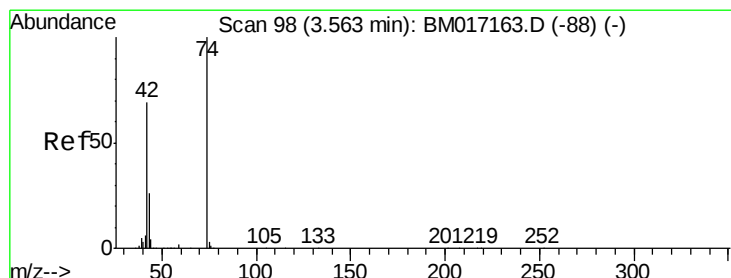
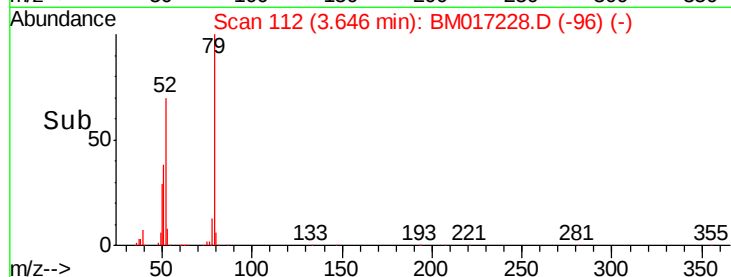
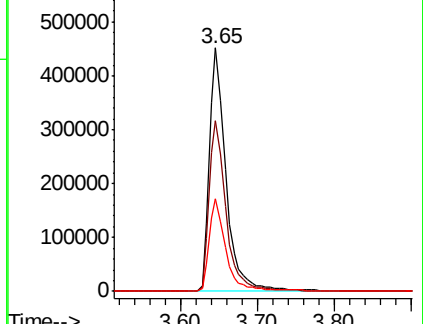
51 37.8 24.6 37.0#



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 41.000 ng

RT: 3.56 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

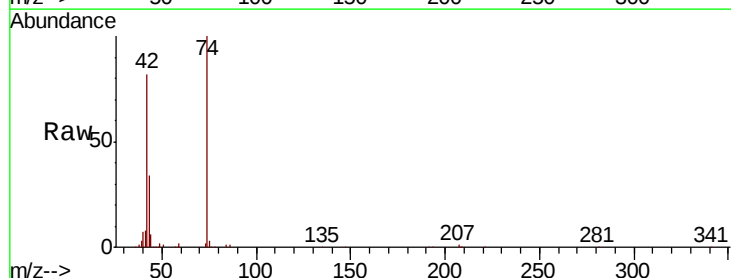
Tgt Ion: 42 Resp: 279979

Ion Ratio Lower Upper

42 100

74 121.9 114.4 171.6

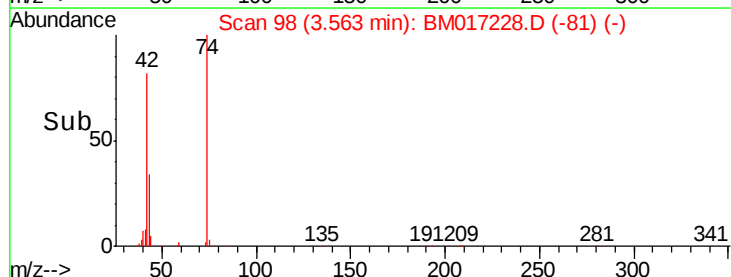
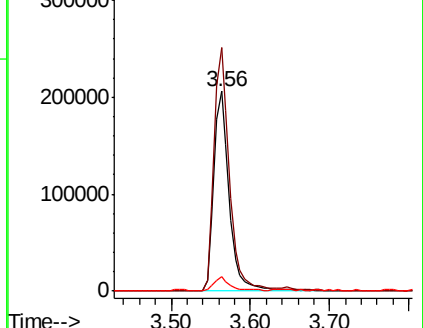
44 7.0 48.6 73.0#

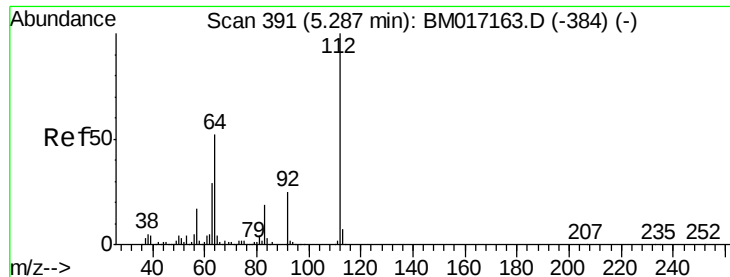


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 79.141 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

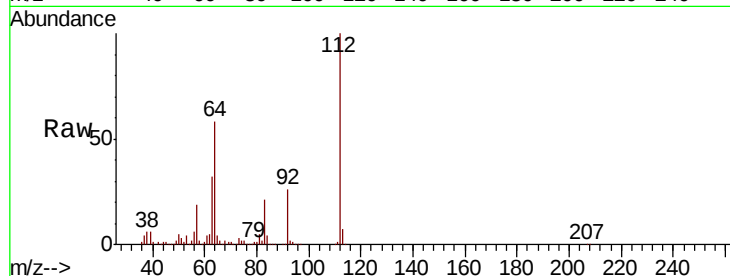
Tot Ion:112 Resp: 1145795

Ion Ratio Lower Upper

112 100

64 58.0 41.7 62.5

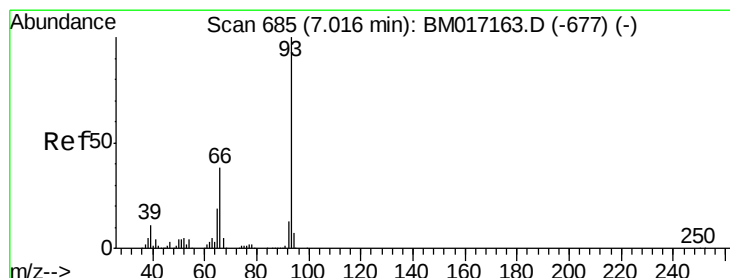
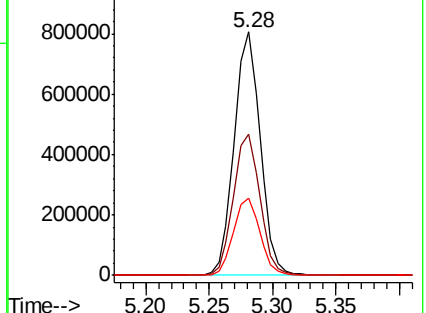
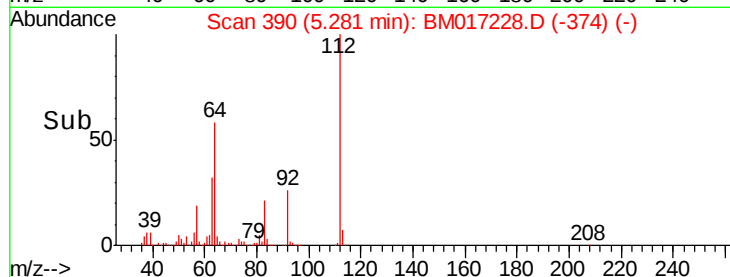
63 31.5 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 40.193 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

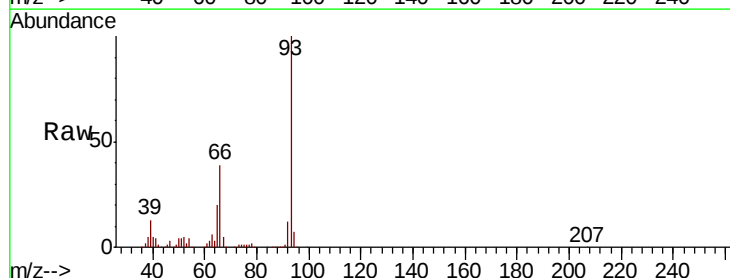
Tgt Ion: 93 Resp: 991287

Ion Ratio Lower Upper

93 100

66 39.3 30.4 45.6

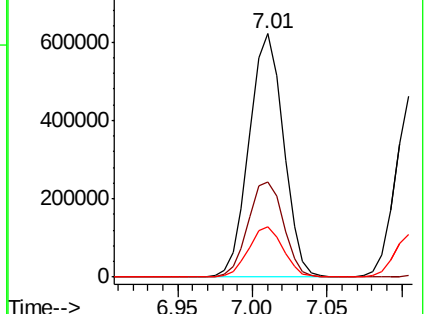
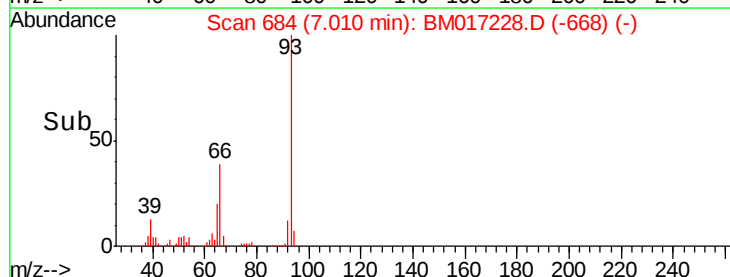
65 20.4 15.3 22.9

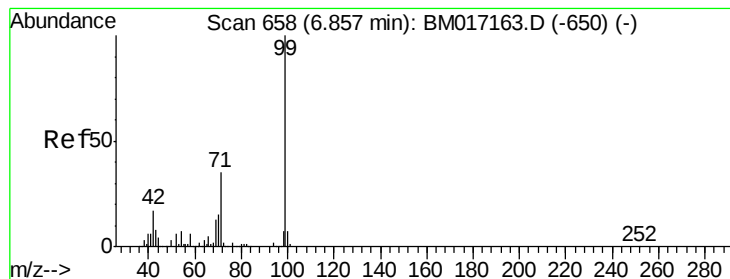


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 80.617 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

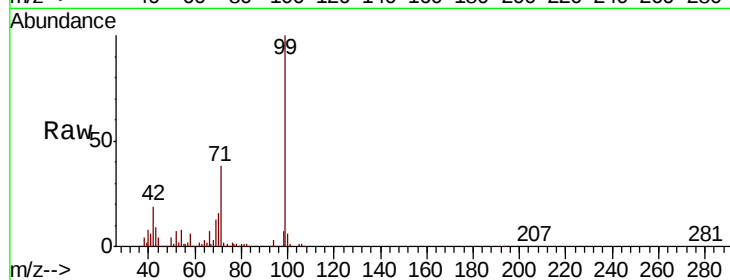
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1589607

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.3	19.9
71	38.2	28.0	42.0

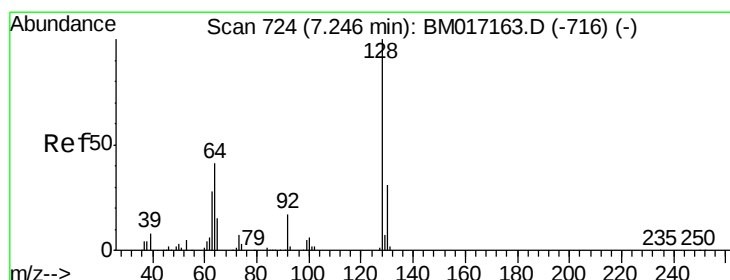
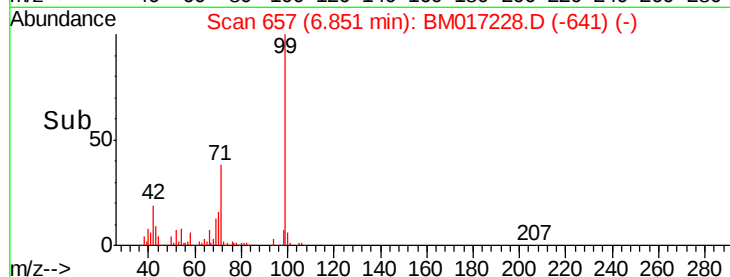
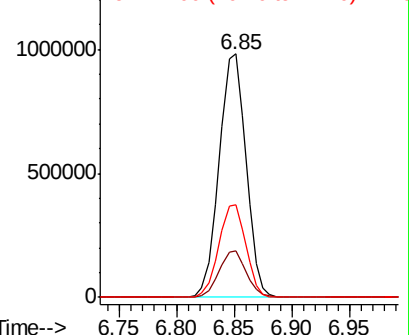


Abundance

Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 41.429 ng

RT: 7.23 min Scan# 722

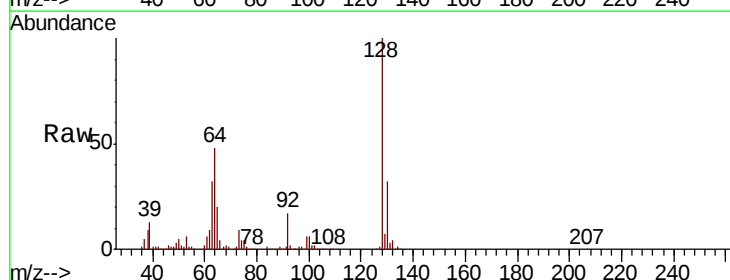
Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Tgt Ion: 128 Resp: 693903

Ion	Ratio	Lower	Upper
128	100		
130	31.7	11.0	51.0
64	47.5	24.1	64.1

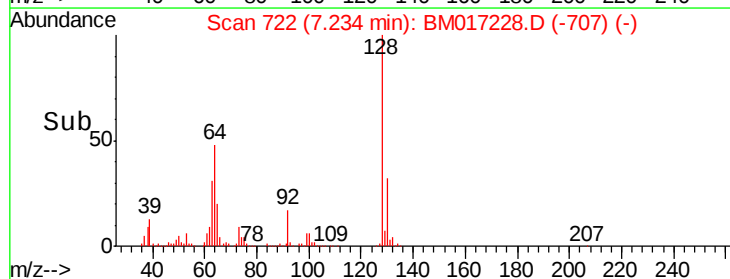
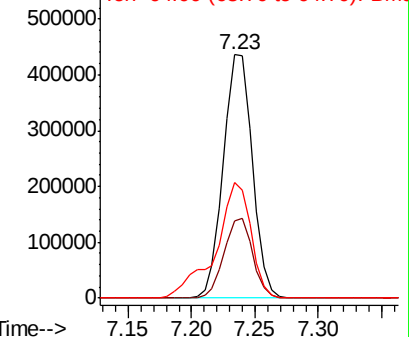


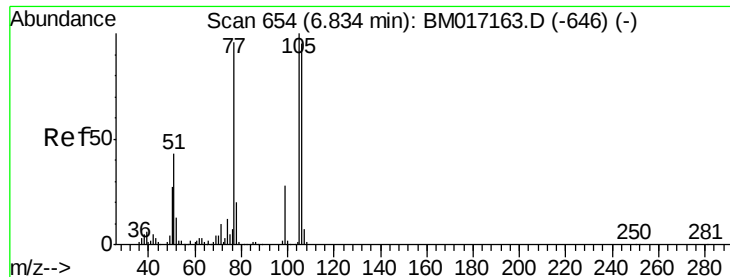
Abundance

Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 39.488 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

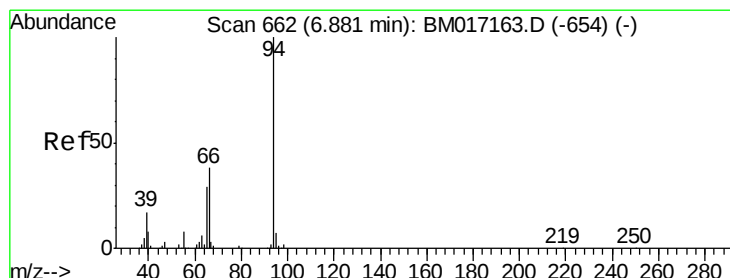
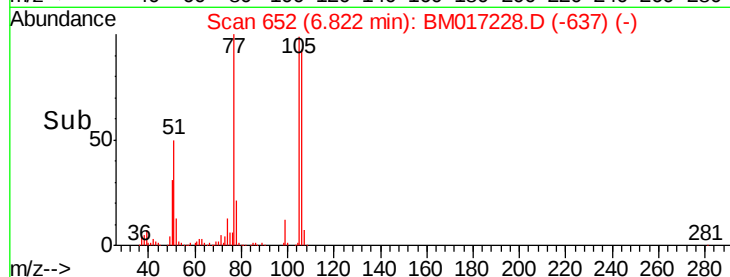
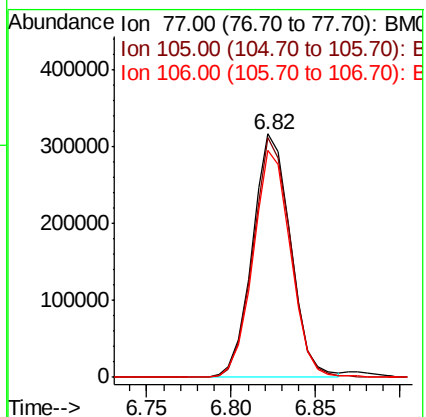
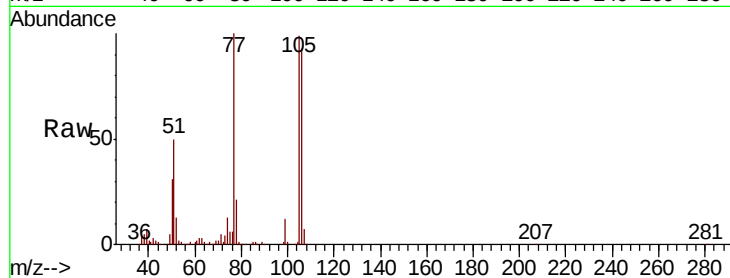
Tot Ion: 77 Resp: 496460

Ion Ratio Lower Upper

77 100

105 98.5 83.9 123.9

106 93.0 78.2 118.2



#10

Phenol

Concen: 39.417 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

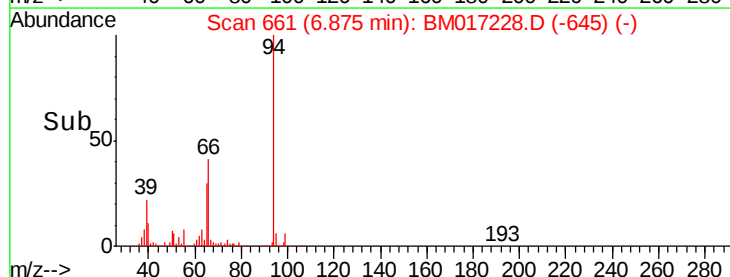
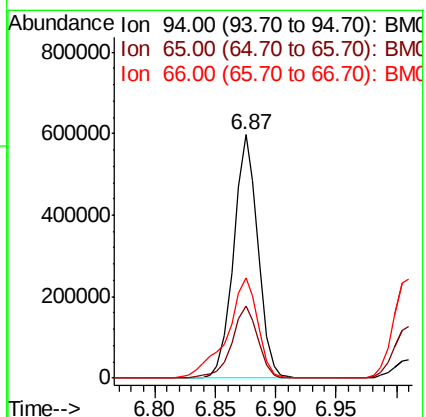
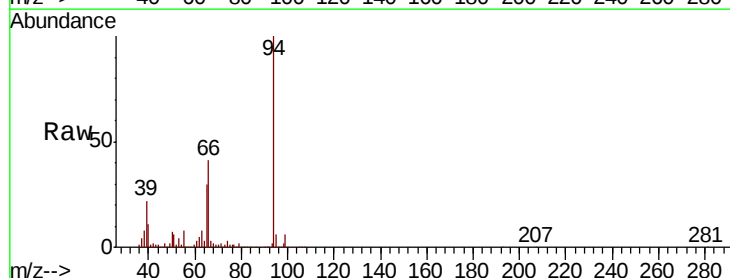
Tgt Ion: 94 Resp: 836480

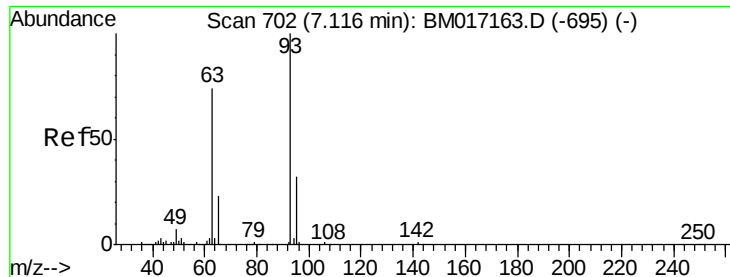
Ion Ratio Lower Upper

94 100

65 29.7 9.4 49.4

66 41.0 19.0 59.0

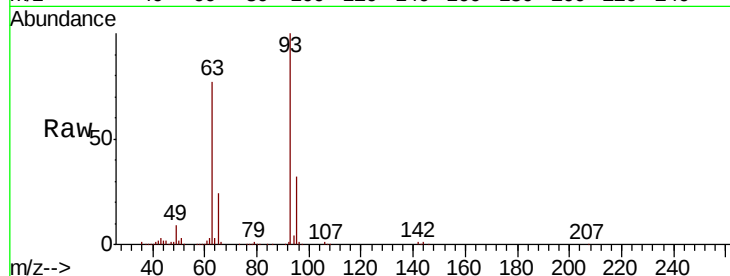




#11
bis(2-Chloroethyl)ether
Concen: 40.189 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.5	54.0	94.0
95	31.8	11.8	51.8

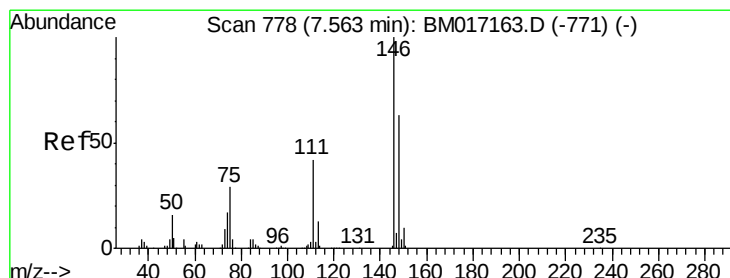
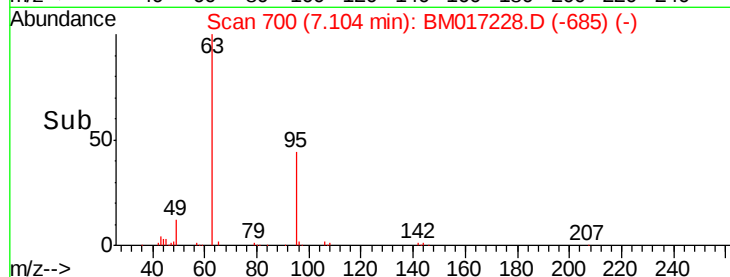
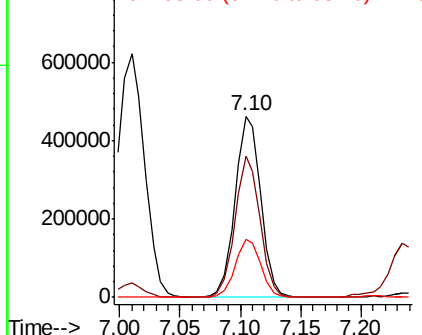


Abundance

Ion 93.00 (92.70 to 93.70): BM017163.D (-695) (-)

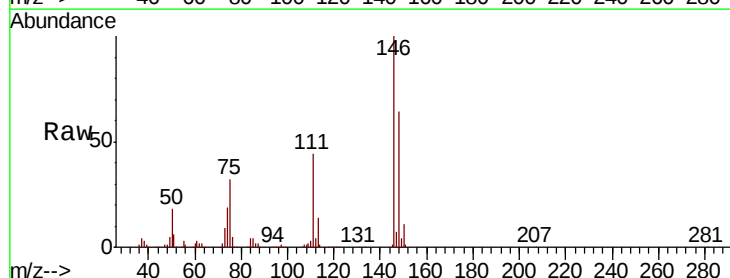
Ion 63.00 (62.70 to 63.70): BM017163.D (-695) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-695) (-)



#12
1,3-Dichlorobenzene
Concen: 39.222 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.2	75.4
75	31.9	23.3	34.9

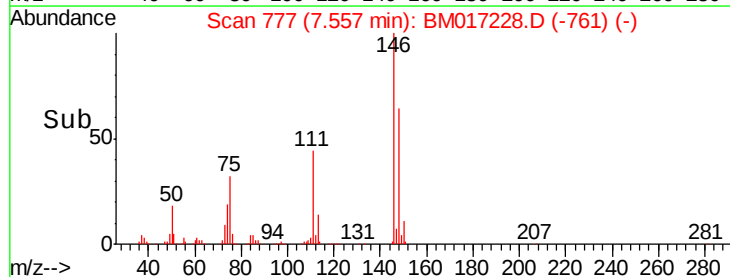
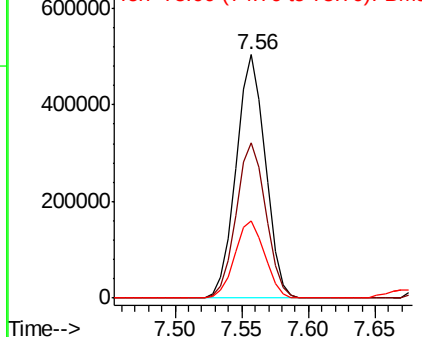


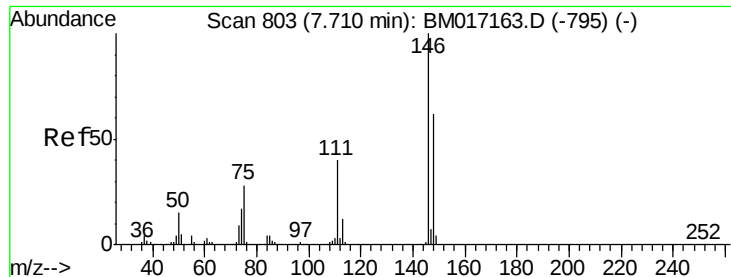
Abundance

Ion 146.00 (145.70 to 146.70): BM017163.D (-771) (-)

Ion 148.00 (147.70 to 148.70): BM017163.D (-771) (-)

Ion 75.00 (74.70 to 75.70): BM017163.D (-771) (-)

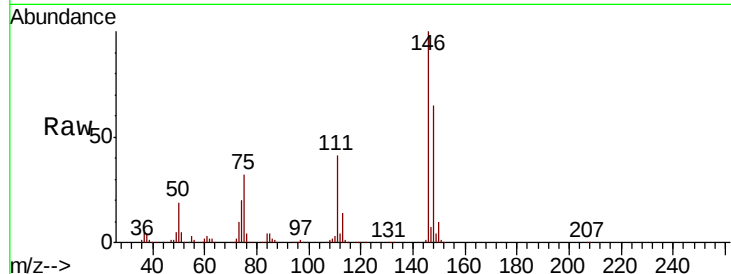




#13
 1,4-Dichlorobenzene
 Concen: 39.601 ng
 RT: 7.70 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	49.8	74.6
111	41.3	32.1	48.1

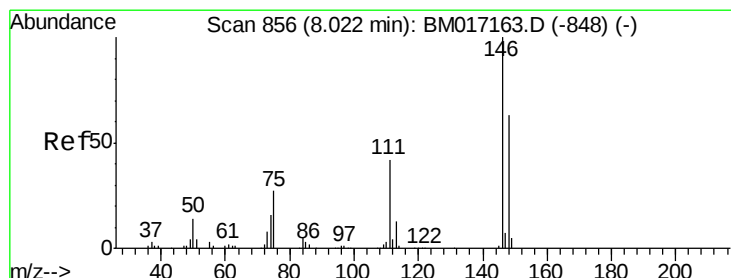
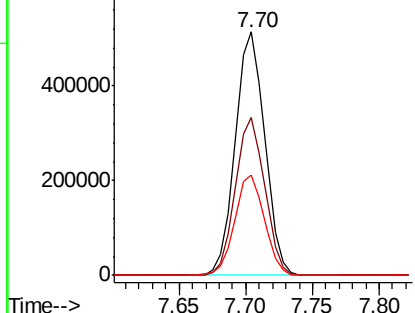
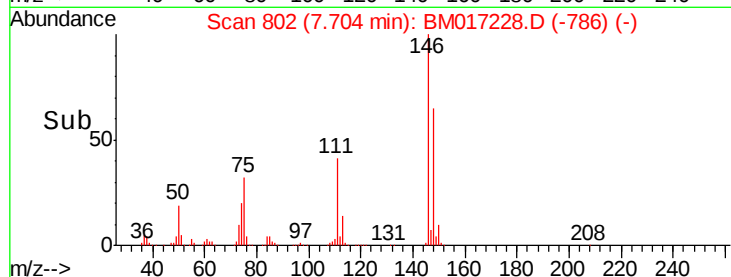


Abundance

Ion 146.00 (145.70 to 146.70): E

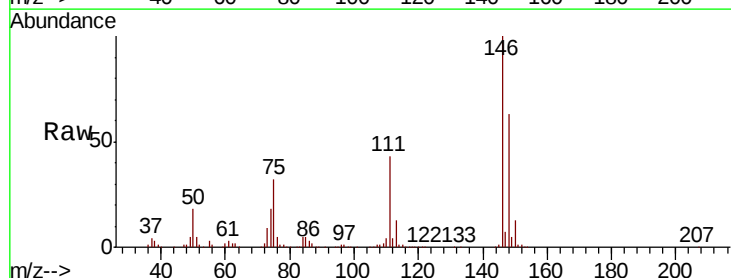
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.091 ng
 RT: 8.02 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.8	76.2
111	42.9	33.8	50.6

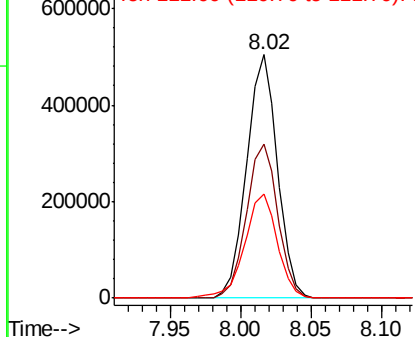
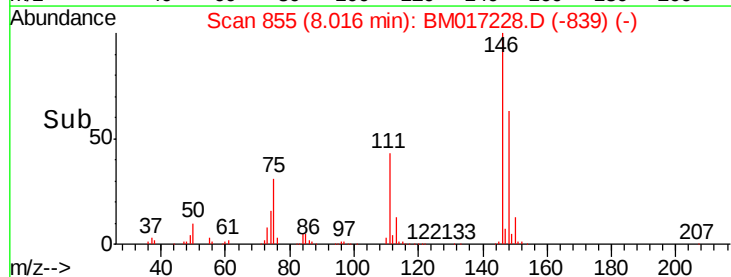


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.300 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampled :

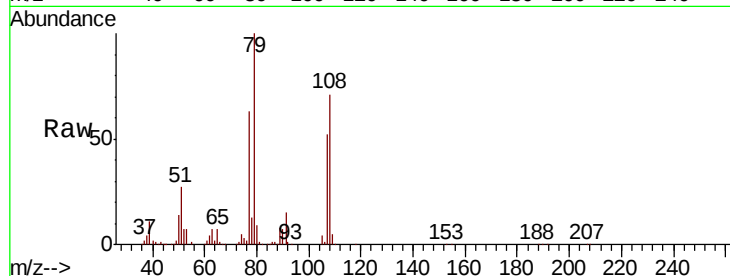
Tot Ion: 79 Resp: 652896

Ion Ratio Lower Upper

79 100

108 70.8 60.3 90.5

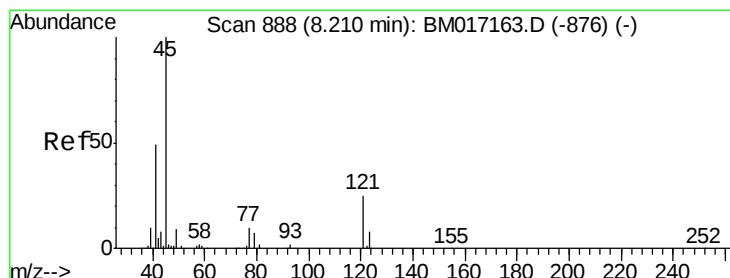
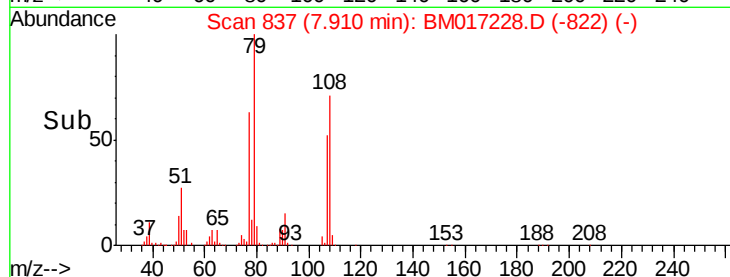
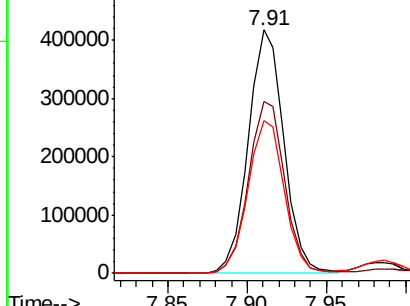
77 62.9 54.8 82.2



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-831) (-)

Ion 108.00 (107.70 to 108.70): BM017163.D (-831) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-831) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.499 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

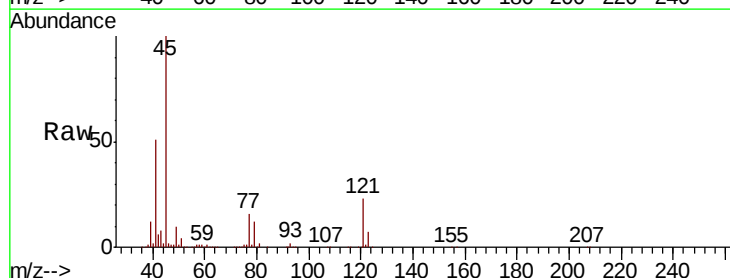
Tgt Ion: 45 Resp: 933530

Ion Ratio Lower Upper

45 100

77 16.1 0.0 35.5

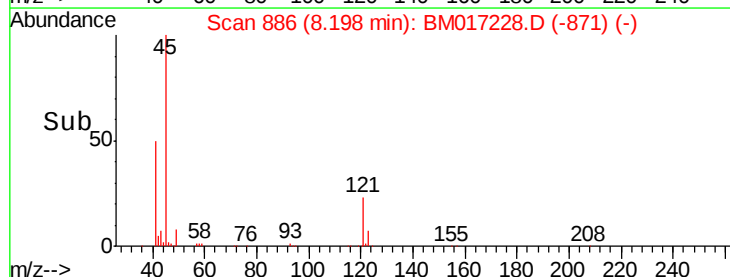
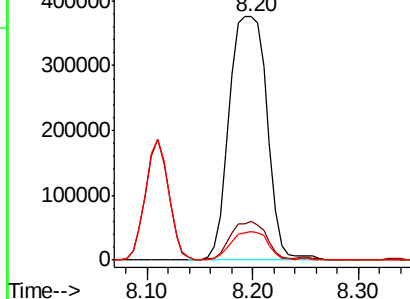
79 11.5 0.0 32.1

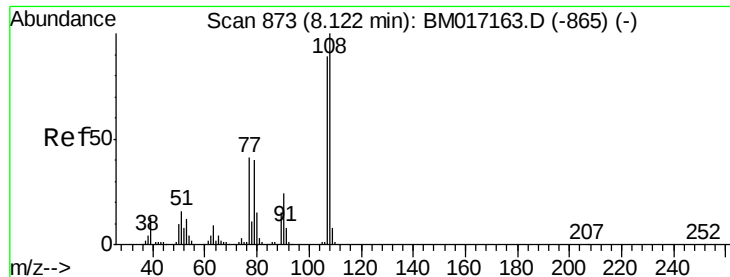


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

Ion 77.00 (76.70 to 77.70): BM017163.D (-876) (-)

Ion 79.00 (78.70 to 79.70): BM017163.D (-876) (-)

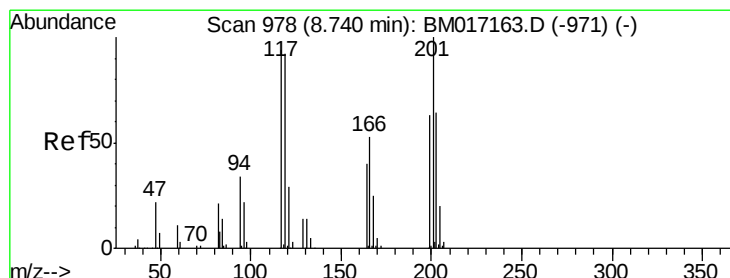
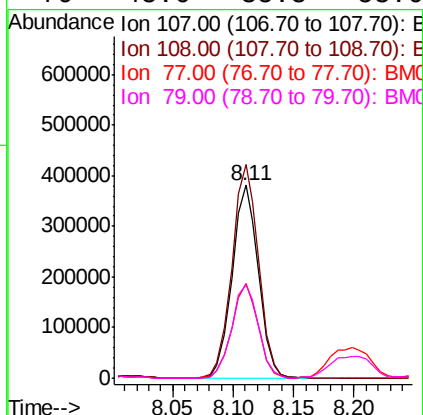
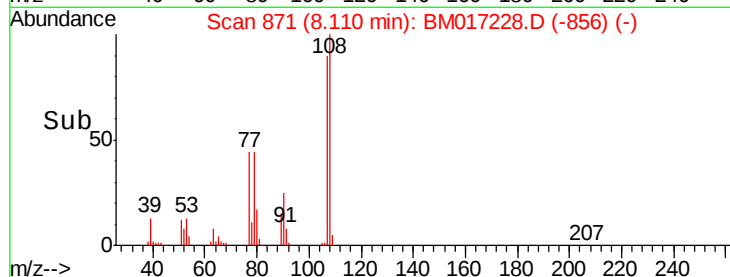
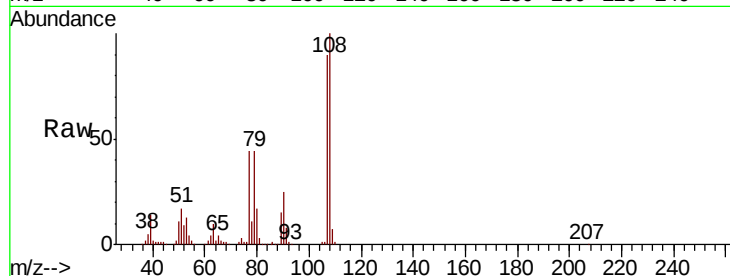




#17
2-Methylphenol
Concen: 42.238 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

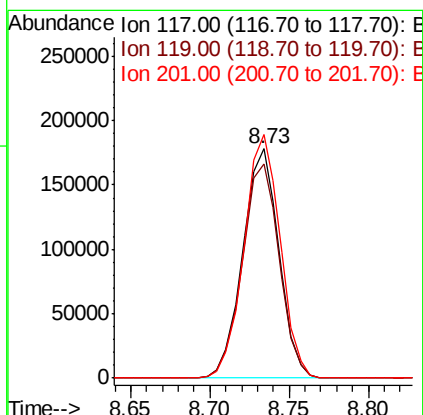
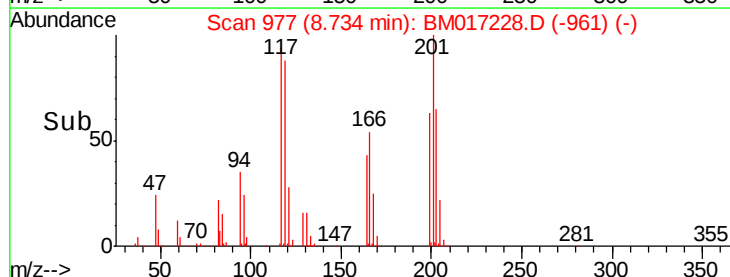
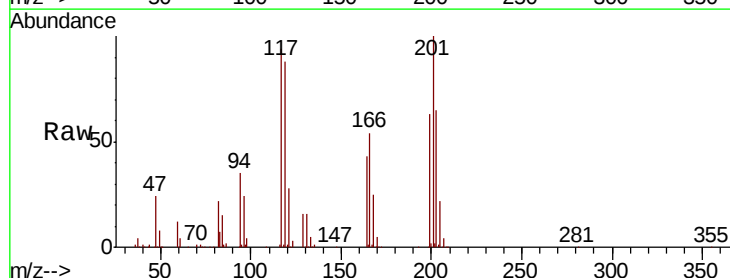
Instrument :
BNA_M
ClientSampleId :

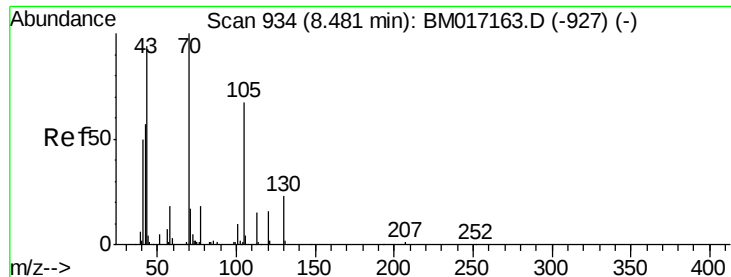
Tot Ion:	107	Resp:	575330
Ion	Ratio	Lower	Upper
107	100		
108	110.7	90.3	135.5
77	49.0	37.0	55.4
79	48.6	35.8	53.6



#18
Hexachloroethane
Concen: 41.219 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion:	117	Resp:	281391
Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.2	117.2
201	106.2	85.3	127.9

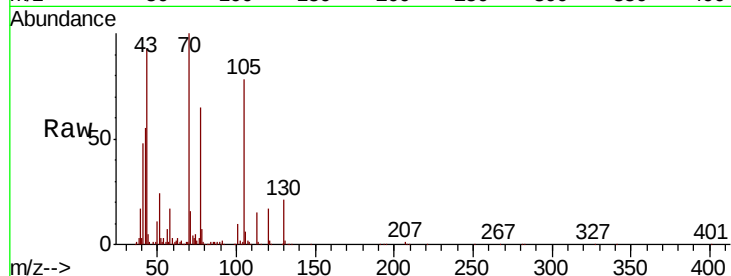




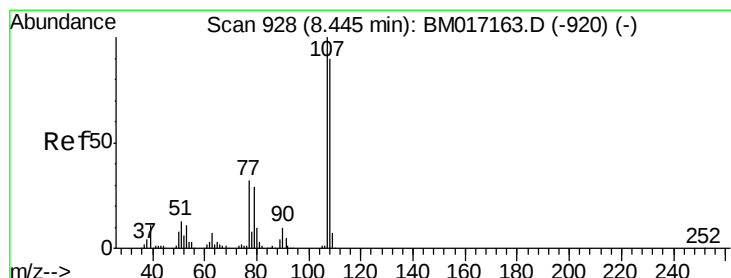
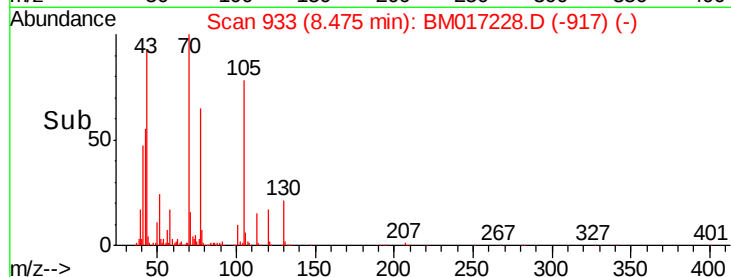
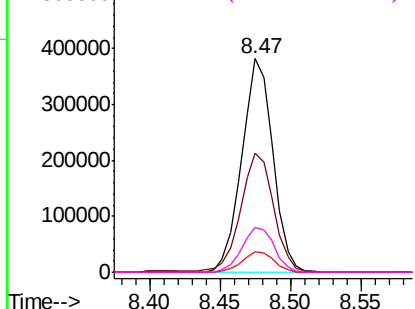
#19
n-Nitroso-di-n-propylamine
Concen: 45.418 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampled :

Tot Ion: 70 Resp: 589684
Ion Ratio Lower Upper
70 100
42 55.5 46.1 69.1
101 9.7 8.2 12.4
130 21.2 18.4 27.6



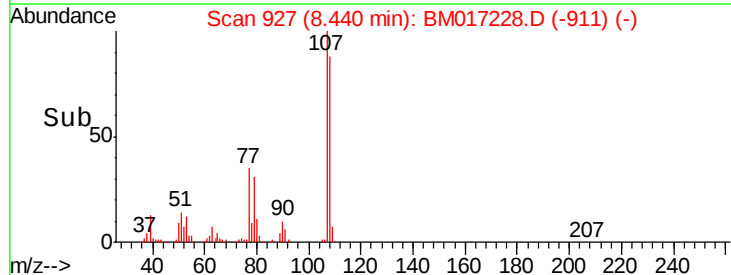
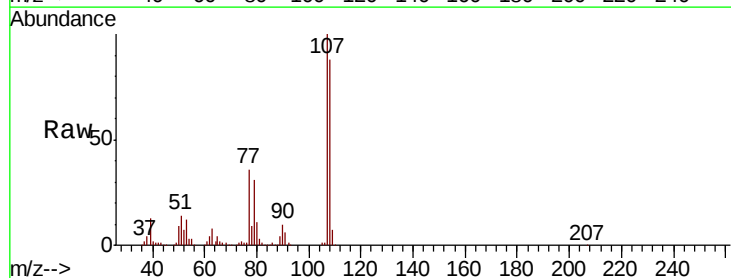
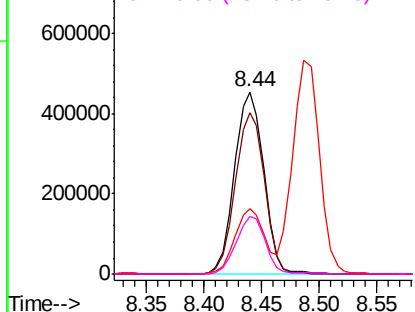
Abundance Ion 70.00 (69.70 to 70.70): BM017163.D (-927) (-)
Ion 42.00 (41.70 to 42.70): BM017163.D (-927) (-)
Ion 101.00 (100.70 to 101.70): BM017163.D (-927) (-)
Ion 130.00 (129.70 to 130.70): BM017163.D (-927) (-)

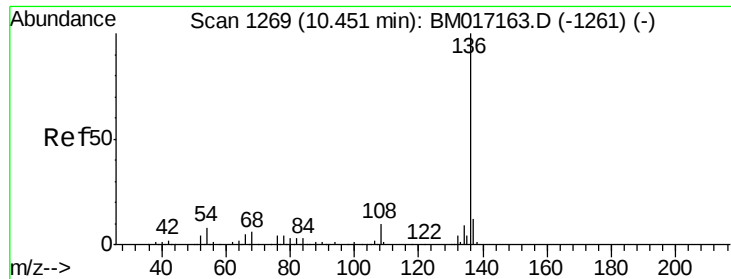


#20
3+4-Methylphenols
Concen: 43.048 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 107 Resp: 801976
Ion Ratio Lower Upper
107 100
108 88.3 69.9 109.9
77 35.7 12.2 52.2
79 31.4 9.0 49.0

Abundance Ion 107.00 (106.70 to 107.70): BM017163.D (-920) (-)
Ion 108.00 (107.70 to 108.70): BM017163.D (-920) (-)
Ion 77.00 (76.70 to 77.70): BM017163.D (-920) (-)
Ion 79.00 (78.70 to 79.70): BM017163.D (-920) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1123564

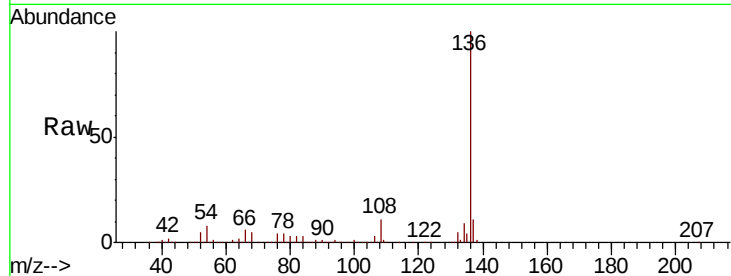
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.9 6.7 10.1

68 5.4 4.7 7.1

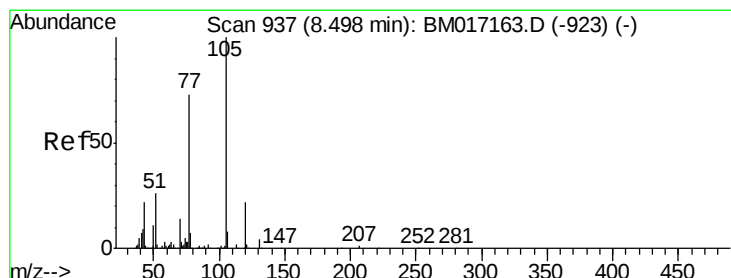
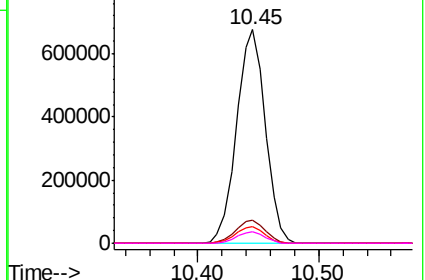
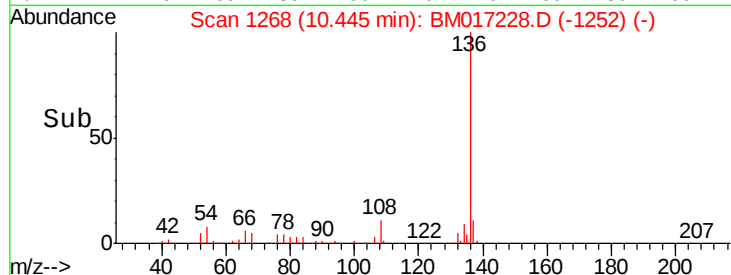


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 39.520 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Tgt Ion:105 Resp: 1125578

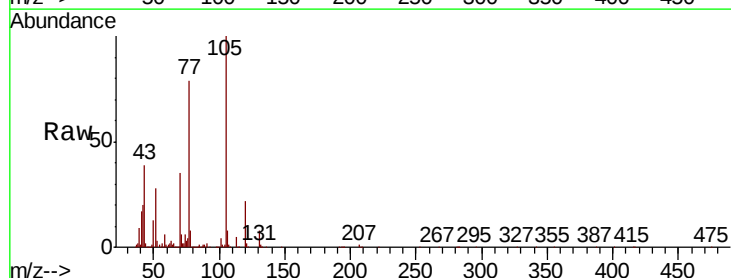
Ion Ratio Lower Upper

105 100

71 5.5 2.0 3.0#

51 28.4 20.6 31.0

120 21.6 17.5 26.3

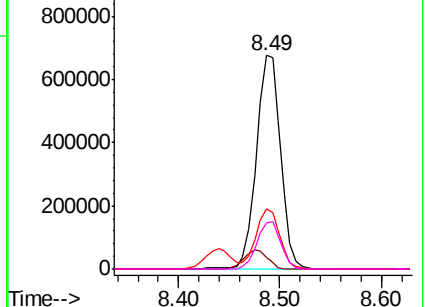
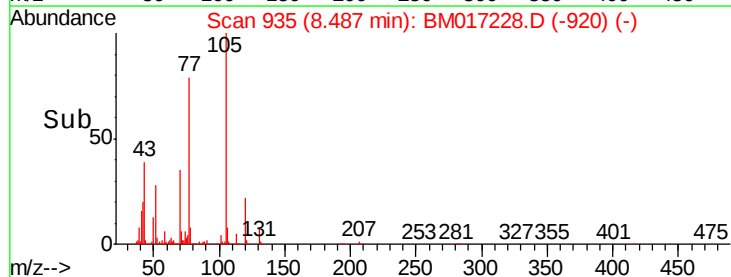


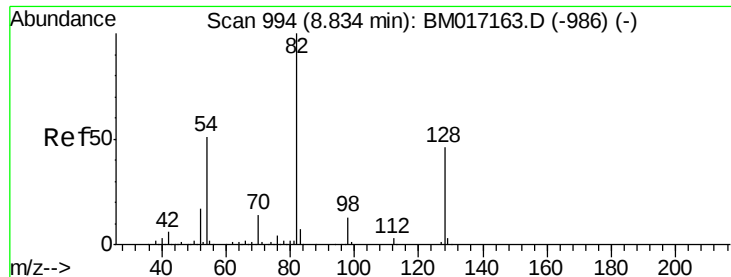
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

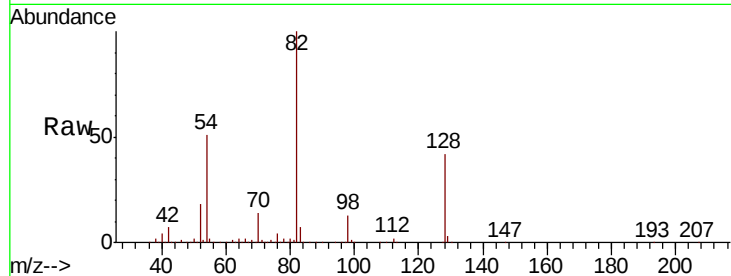




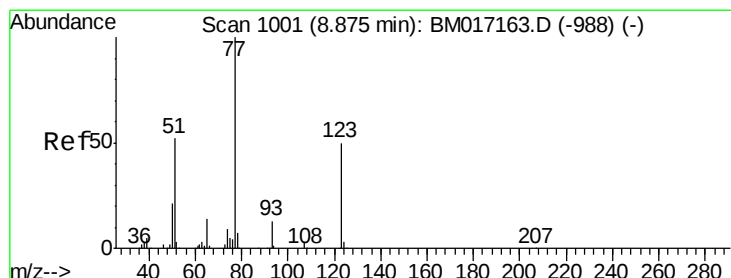
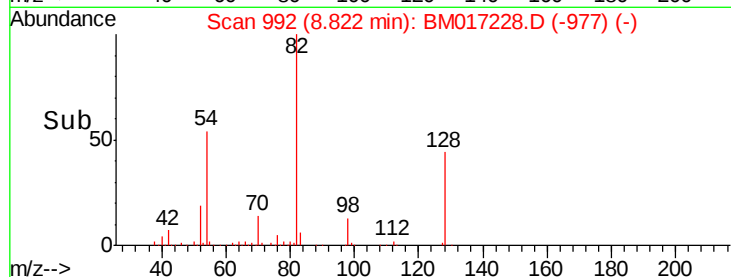
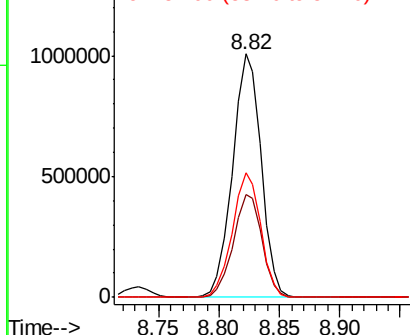
#23
Nitrobenzene-d5
Concen: 86.354 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1658932
Ion Ratio Lower Upper
82 100
128 42.1 37.0 55.6
54 51.3 40.7 61.1

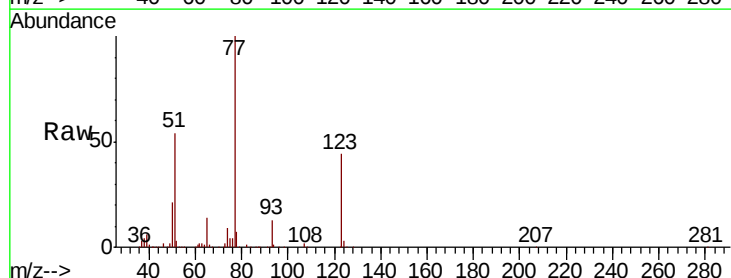


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-986) (-)
Ion 128.00 (127.70 to 128.70): BM017163.D (-986) (-)
Ion 54.00 (53.70 to 54.70): BM017163.D (-986) (-)

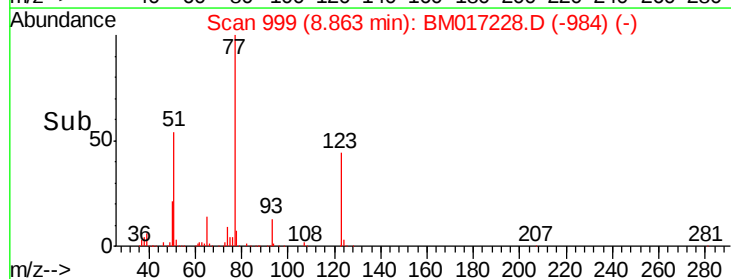
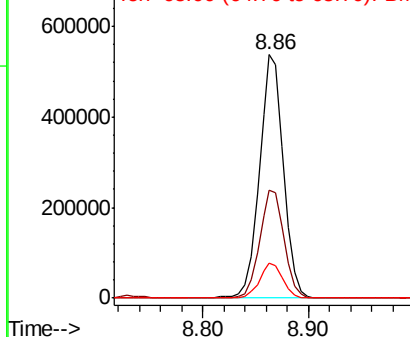


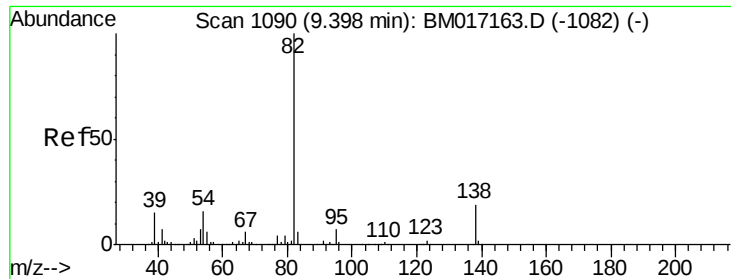
#24
Nitrobenzene
Concen: 41.818 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 77 Resp: 849773
Ion Ratio Lower Upper
77 100
123 44.3 40.2 60.4
65 14.3 11.4 17.0



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-988) (-)
Ion 123.00 (122.70 to 123.70): BM017163.D (-988) (-)
Ion 65.00 (64.70 to 65.70): BM017163.D (-988) (-)





#25

Isophorone

Concen: 42.101 ng

RT: 9.39 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

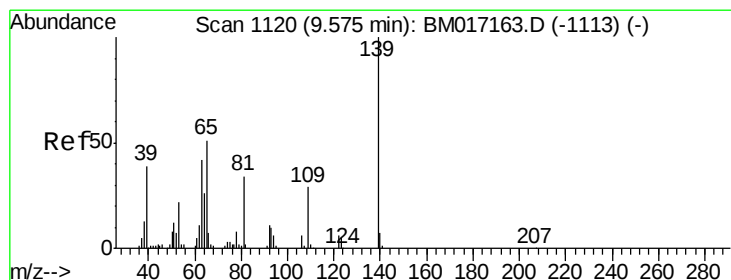
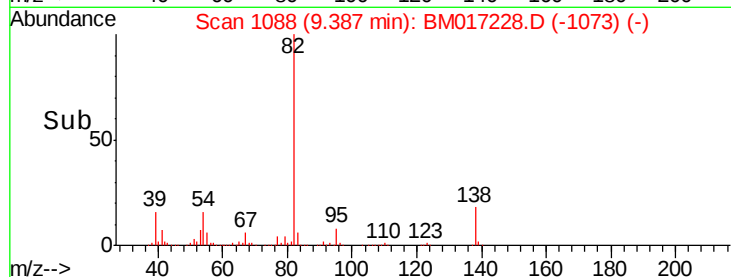
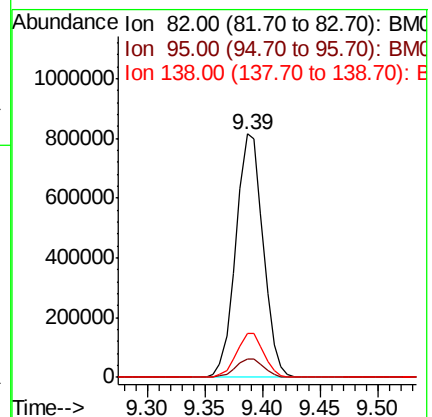
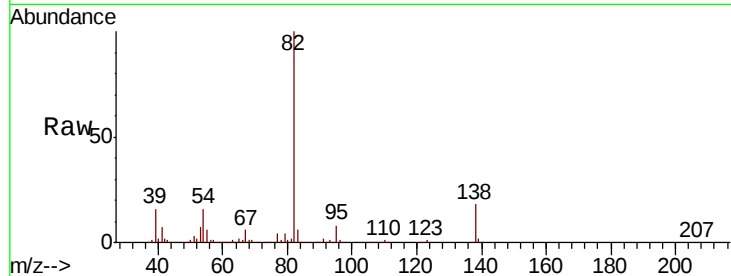
Tot Ion: 82 Resp: 1335557

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.0	9.0
138	18.0	15.4	23.2

82 100

95 7.8 6.0 9.0

138 18.0 15.4 23.2



#26

2-Nitrophenol

Concen: 43.394 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

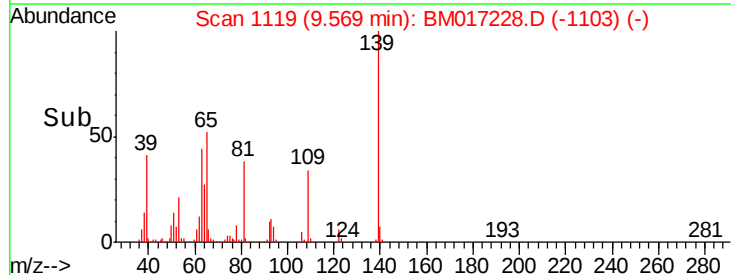
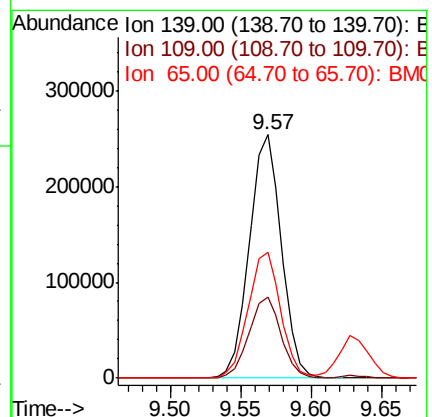
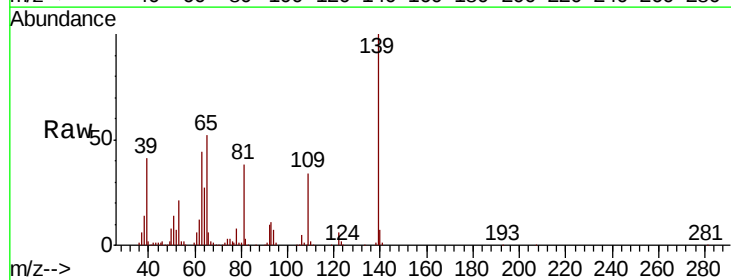
Tgt Ion: 139 Resp: 406787

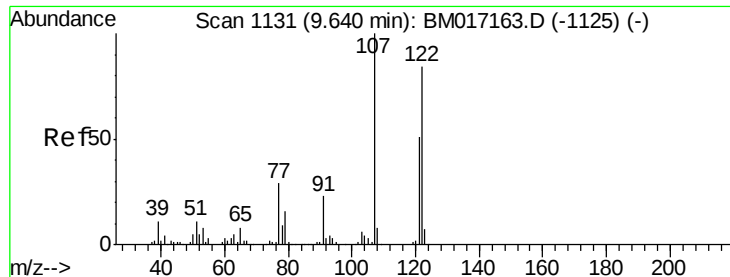
Ion	Ratio	Lower	Upper
139	100		
109	33.5	23.2	34.8
65	51.7	40.6	61.0

139 100

109 33.5 23.2 34.8

65 51.7 40.6 61.0

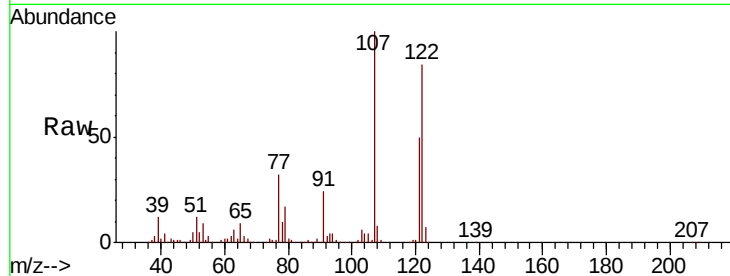




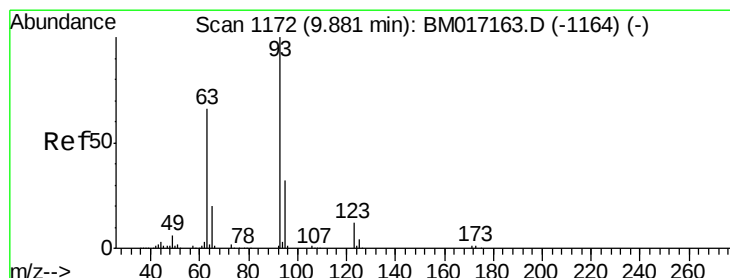
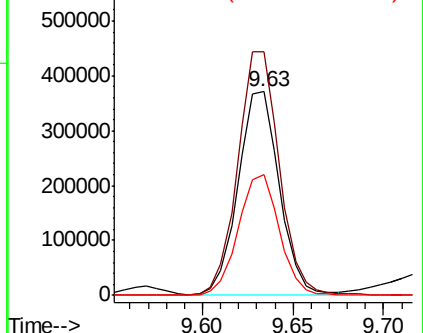
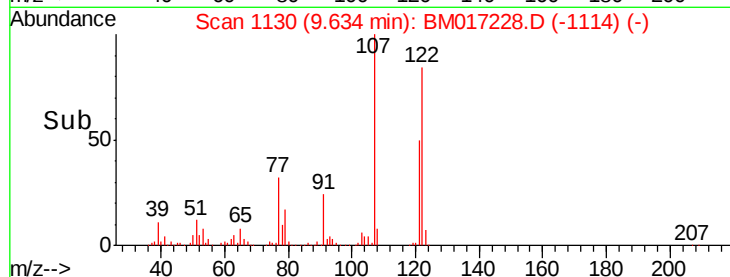
#27
 2,4-Dimethylphenol
 Concen: 41.575 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	95.0	142.6
121	59.4	48.2	72.4

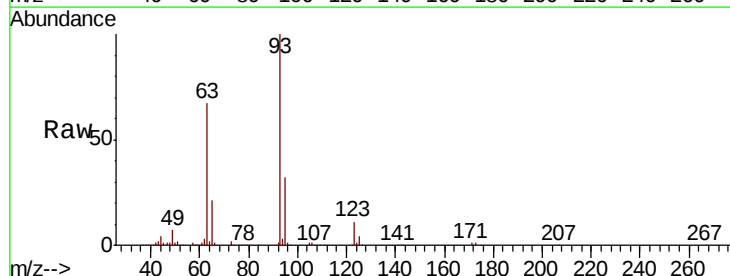


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

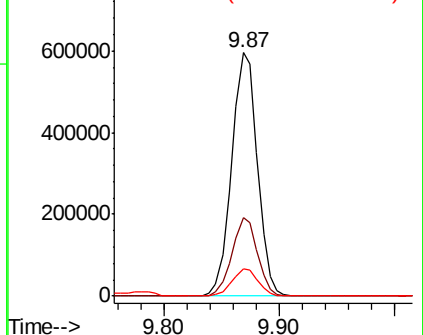
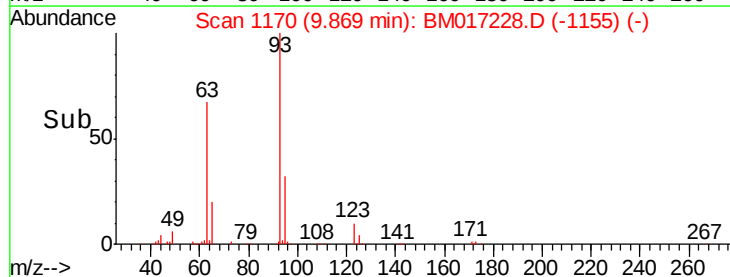


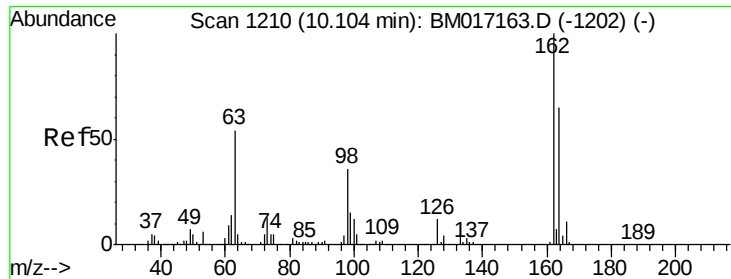
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.982 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	11.4	9.4	14.0



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

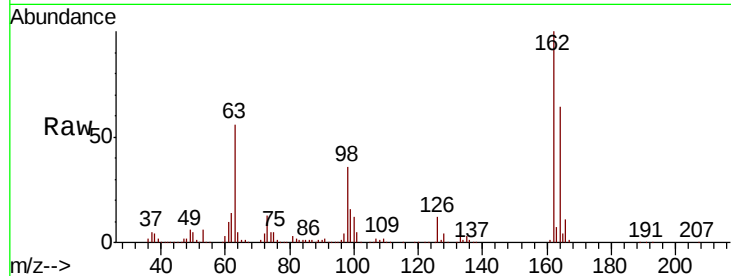




#29
2,4-Dichlorophenol
Concen: 43.226 ng
RT: 10.10 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.9	84.9
98	35.8	15.8	55.8

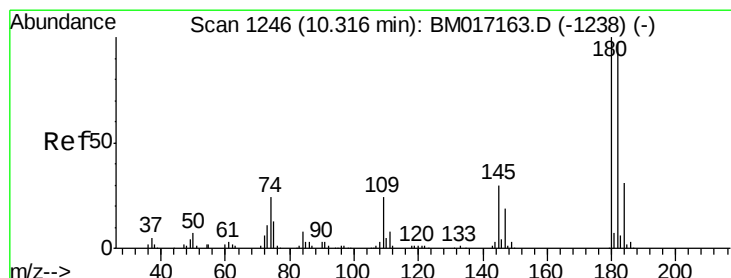
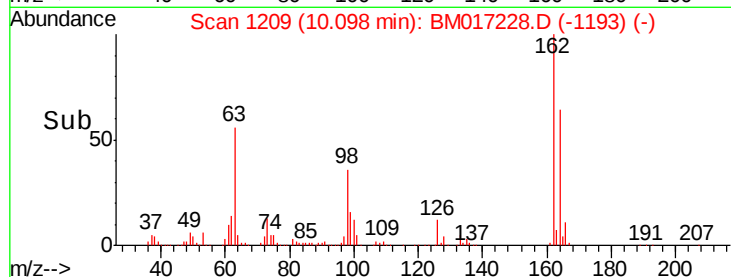
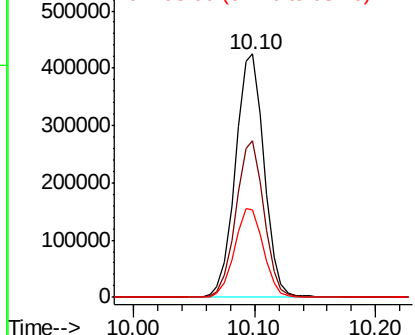


Abundance

Ion 162.00 (161.70 to 162.70): E

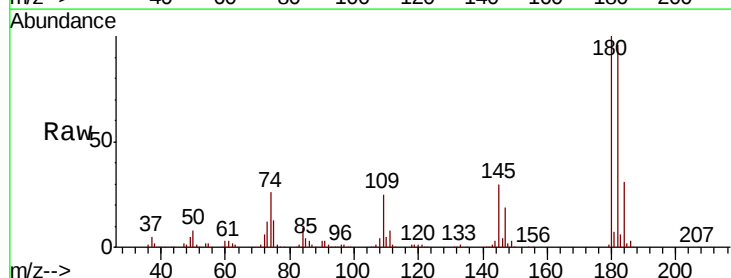
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
1,2,4-Trichlorobenzene
Concen: 40.617 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.5	116.3
145	30.3	24.0	36.0

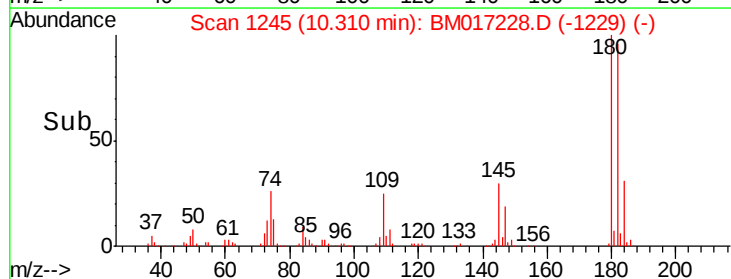
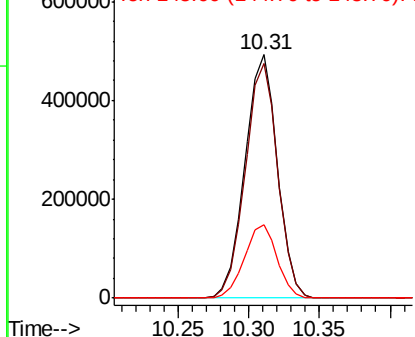


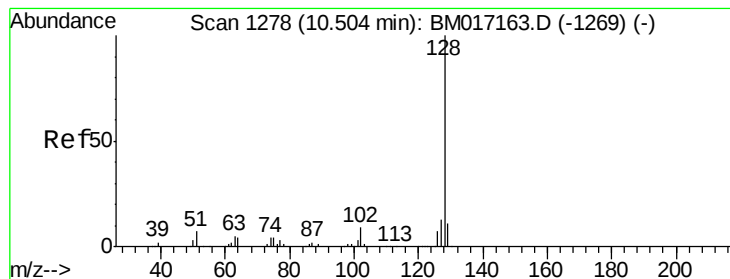
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.473 ng

RT: 10.49 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

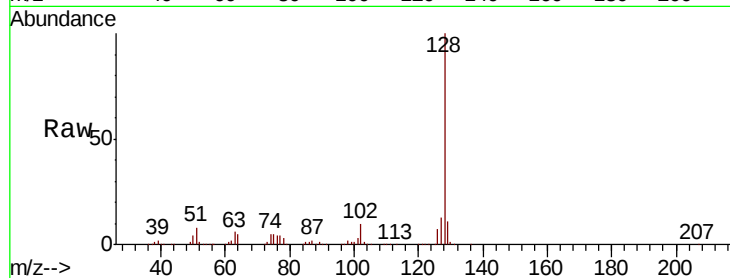
Tot Ion:128 Resp: 2173431

Ion Ratio Lower Upper

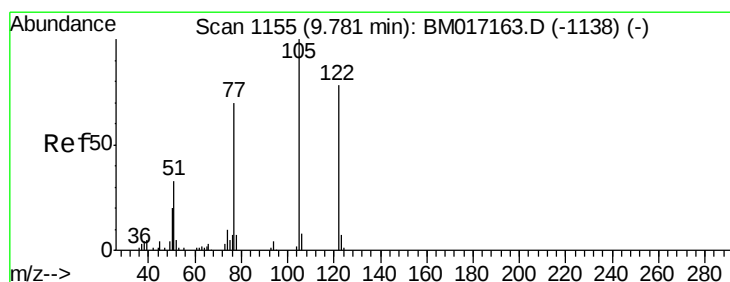
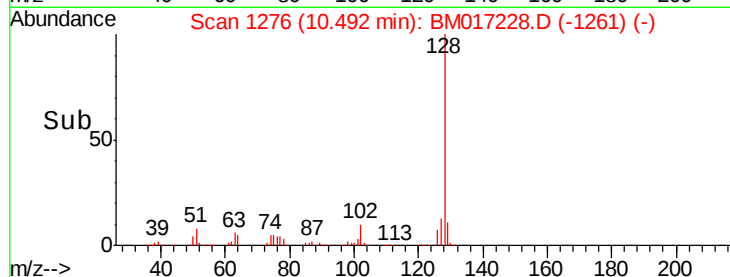
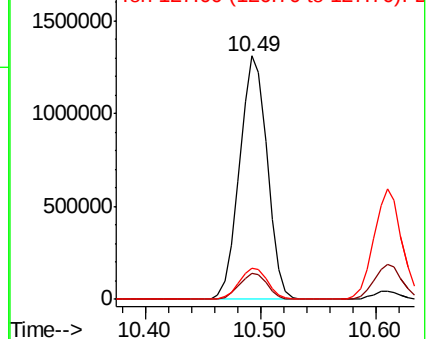
128 100

129 10.8 8.5 12.7

127 12.9 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.245 ng

RT: 9.78 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

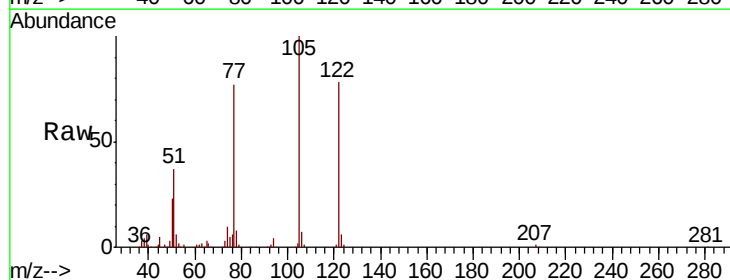
Tgt Ion:122 Resp: 463080

Ion Ratio Lower Upper

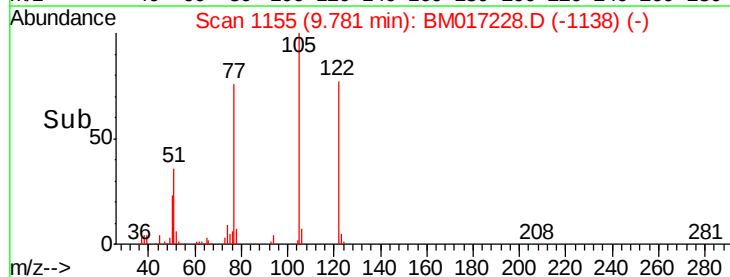
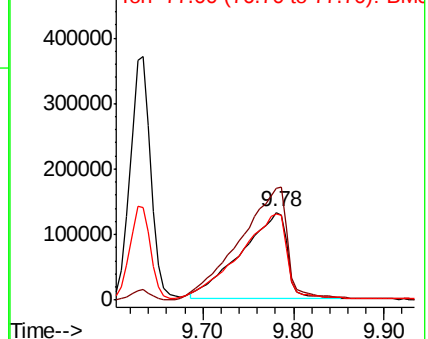
122 100

105 127.9 102.0 142.0

77 98.0 67.7 107.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

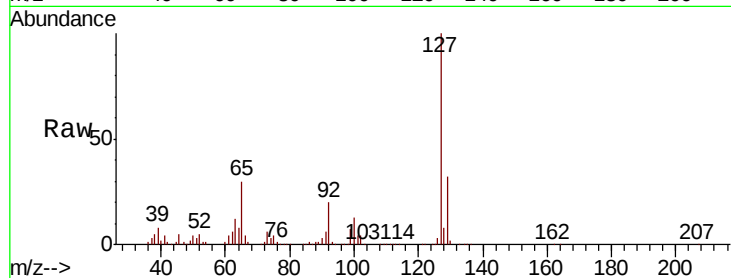




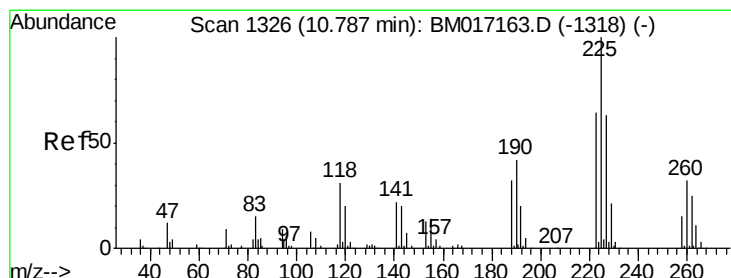
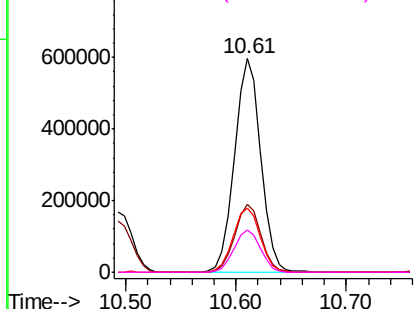
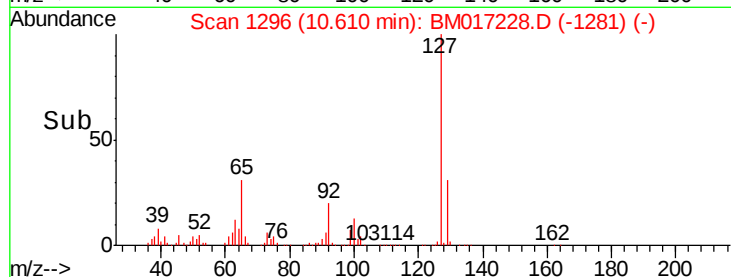
#33
4-Chloroaniline
Concen: 41.924 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	996981
Ion	Ratio	Lower Upper
127	100	
129	31.6	26.2 39.4
65	30.2	23.7 35.5
92	20.1	14.3 21.5

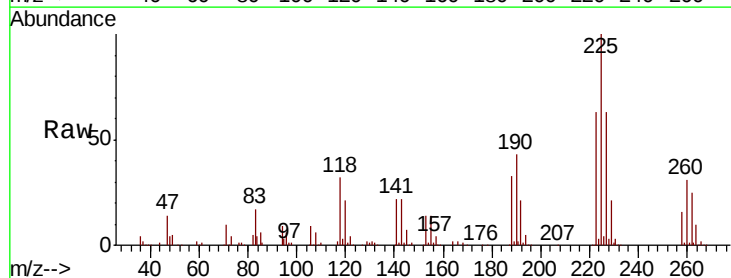


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

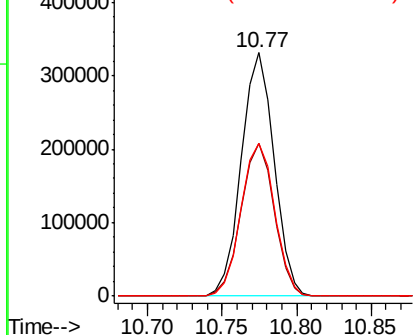
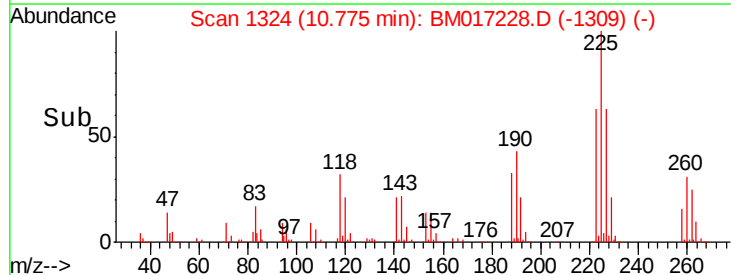


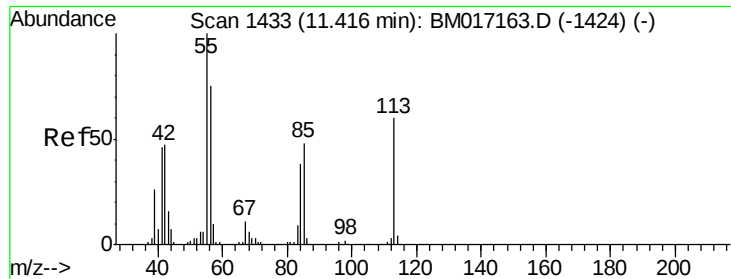
#34
Hexachlorobutadiene
Concen: 40.812 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion:225	Resp:	505230
Ion	Ratio	Lower Upper
225	100	
223	62.7	51.0 76.6
227	62.9	50.8 76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.992 ng

RT: 11.41 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

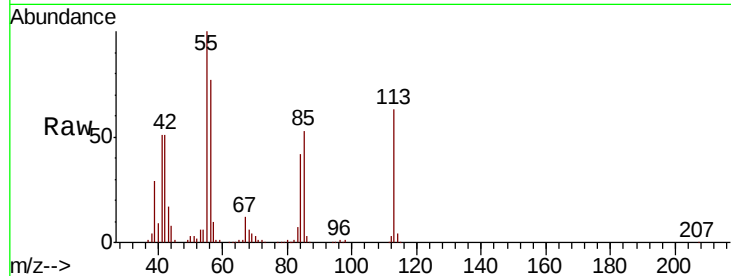
Tot Ion:113 Resp: 231434

Ion Ratio Lower Upper

113 100

55 157.9 147.0 187.0

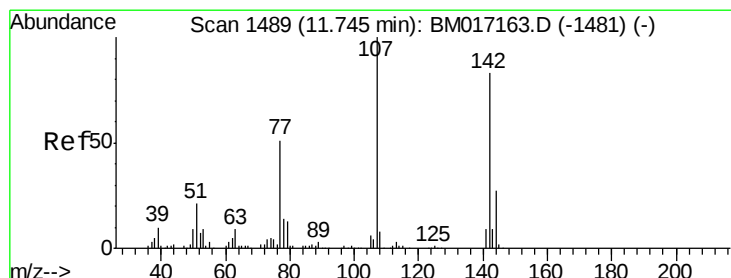
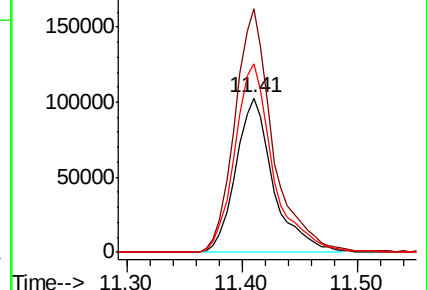
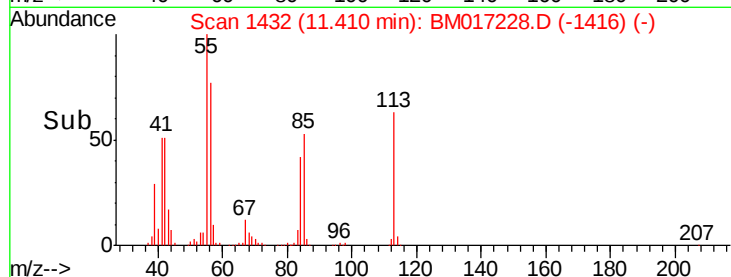
56 122.1 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 42.820 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

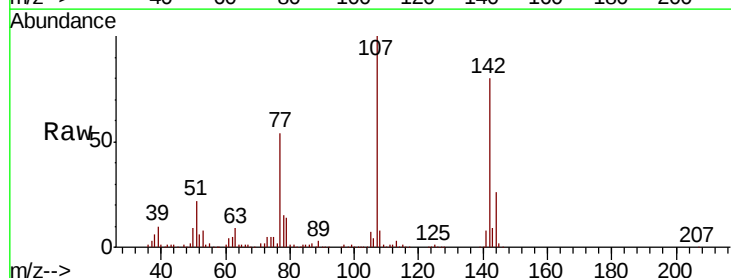
Tgt Ion:107 Resp: 786100

Ion Ratio Lower Upper

107 100

144 25.5 21.6 32.4

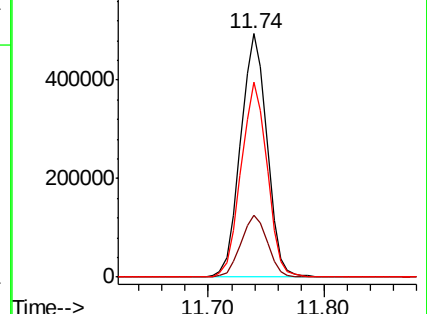
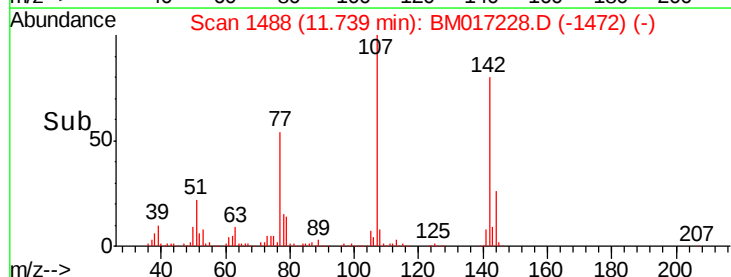
142 80.1 66.0 99.0

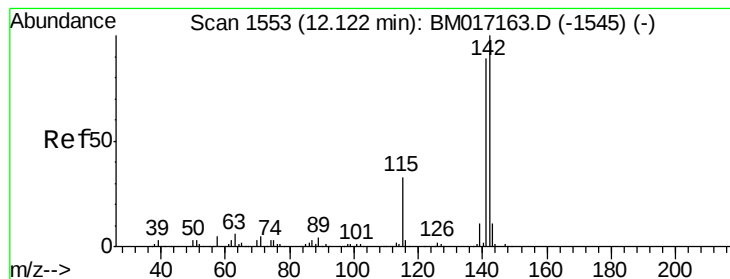


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.899 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

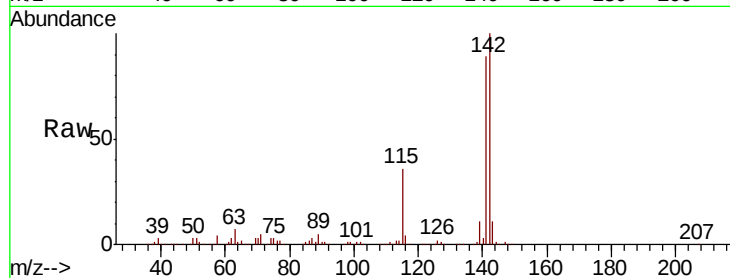
Tot Ion:142 Resp: 1578684

Ion Ratio Lower Upper

142 100

141 89.2 70.9 106.3

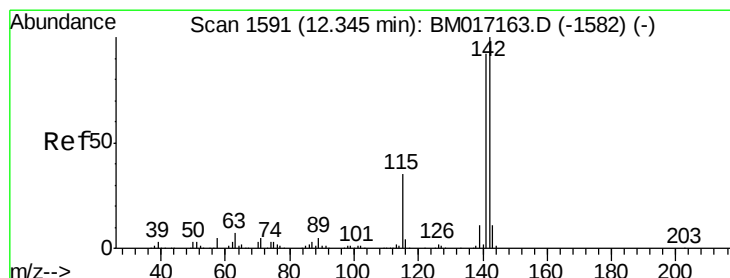
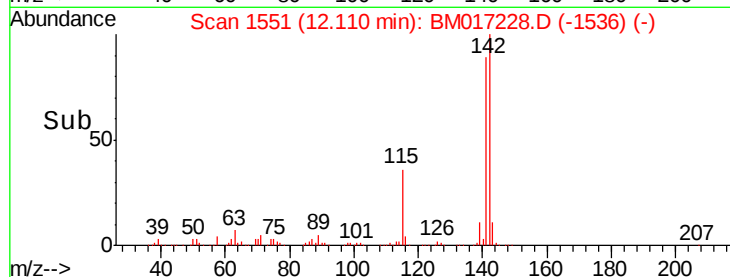
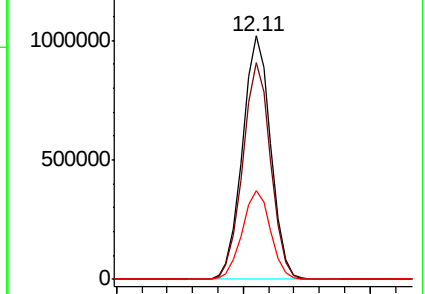
115 36.4 26.4 39.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.709 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

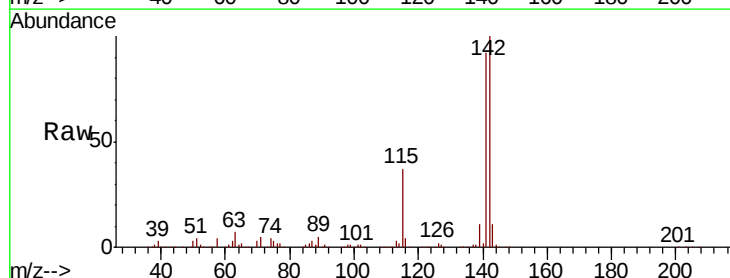
Tgt Ion:142 Resp: 1529548

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.6

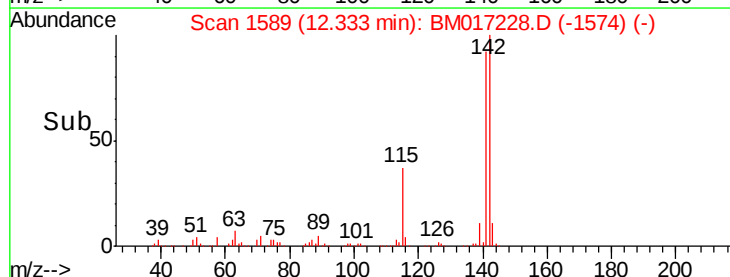
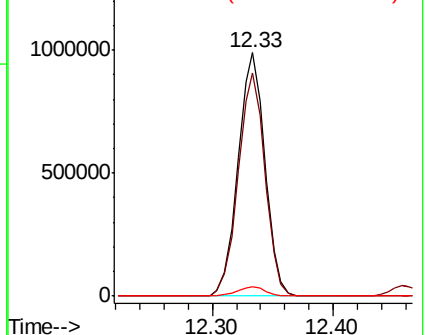
116 3.9 2.9 4.3

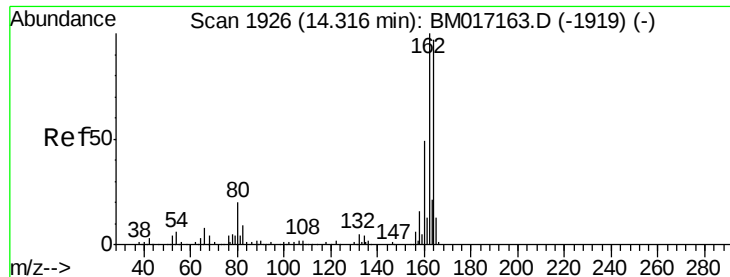


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

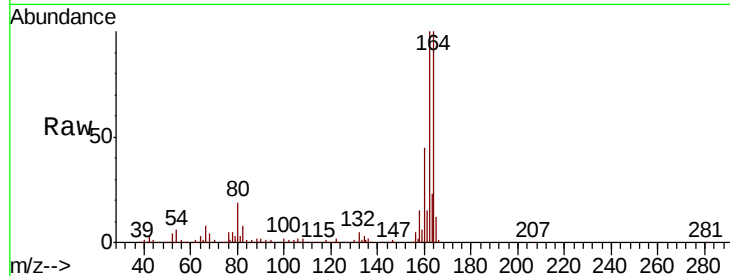




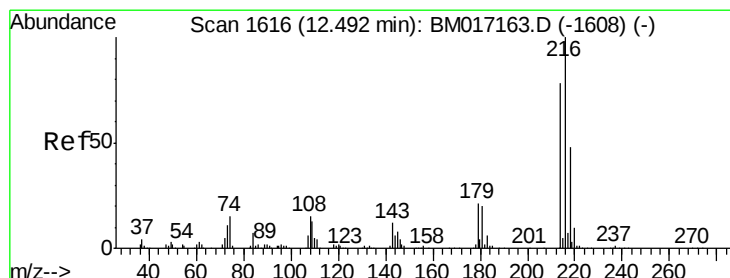
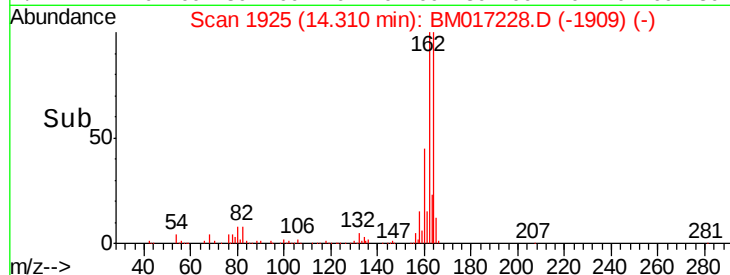
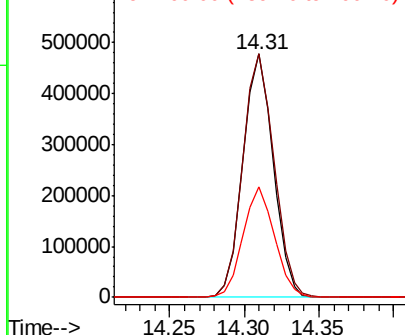
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 674108
Ion Ratio Lower Upper
164 100
162 99.9 82.1 123.1
160 45.1 40.2 60.2

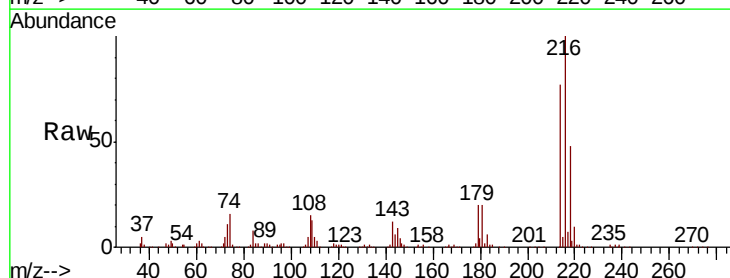


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

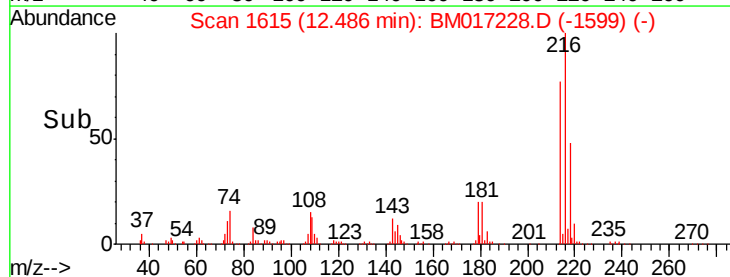
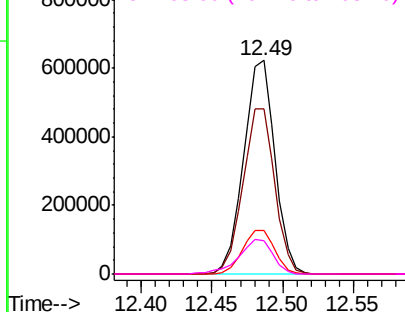


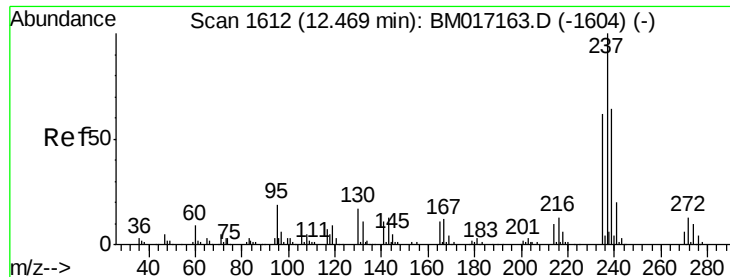
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.582 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion:216 Resp: 963411
Ion Ratio Lower Upper
216 100
214 78.6 62.6 93.8
179 21.1 16.6 24.8
108 17.8 13.5 20.3



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.133 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

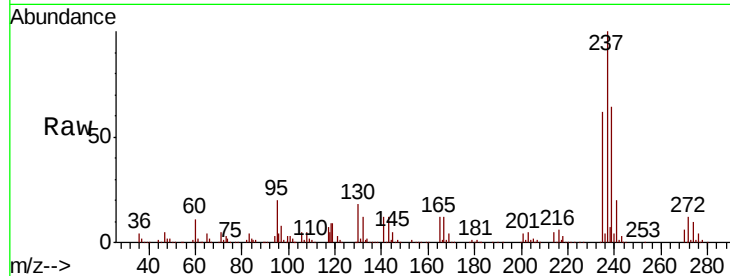
Tot Ion:237 Resp: 540933

Ion Ratio Lower Upper

237 100

235 62.0 42.4 82.4

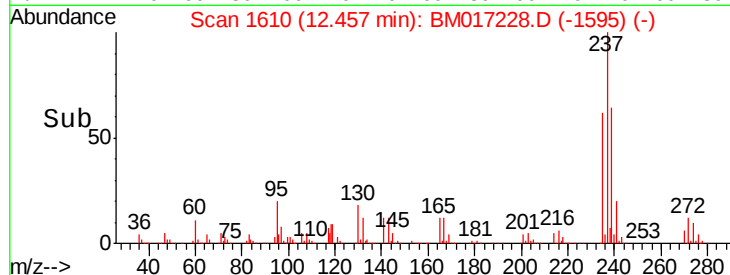
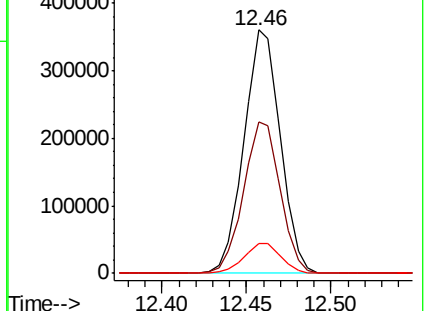
272 12.4 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 81.278 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

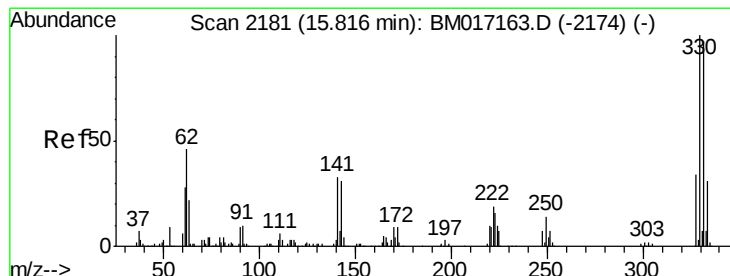
Tgt Ion:330 Resp: 740955

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

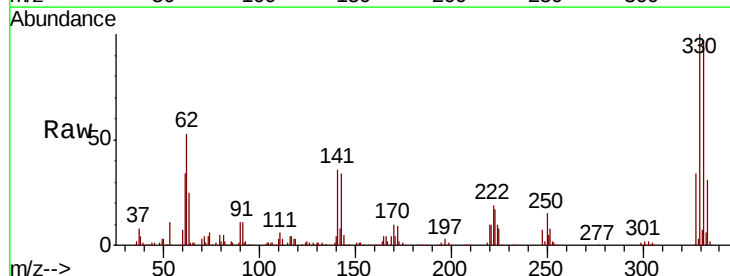
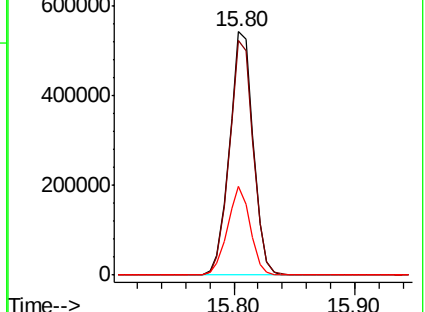
141 34.9 27.4 41.0

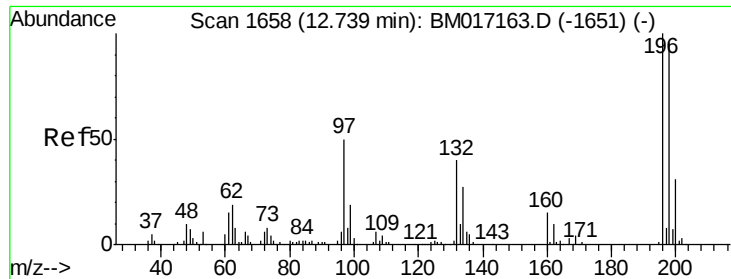


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 43.922 ng

RT: 12.73 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

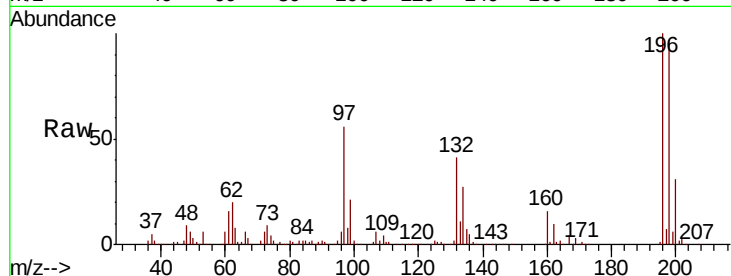
Tot Ion:196 Resp: 605286

Ion Ratio Lower Upper

196 100

198 97.3 77.1 115.7

200 30.9 25.0 37.4

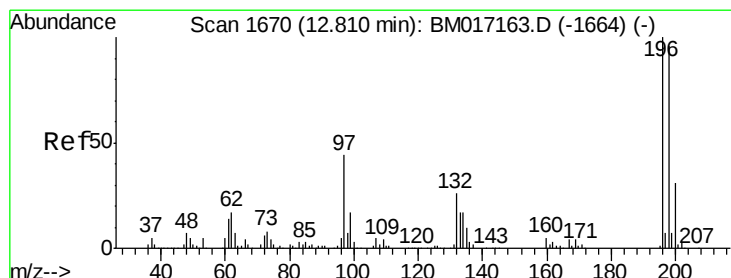
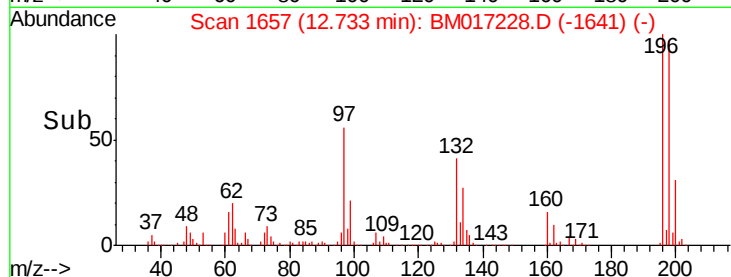
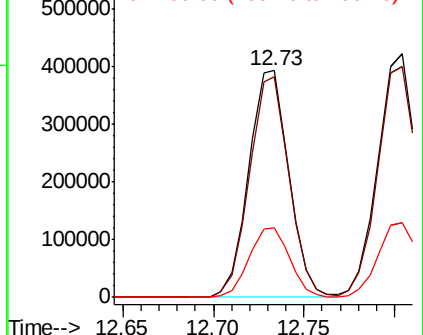


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 42.514 ng

RT: 12.80 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Tgt Ion:196 Resp: 628264

Ion Ratio Lower Upper

196 100

198 94.9 76.6 115.0

97 47.0 35.5 53.3

132 26.1 20.7 31.1

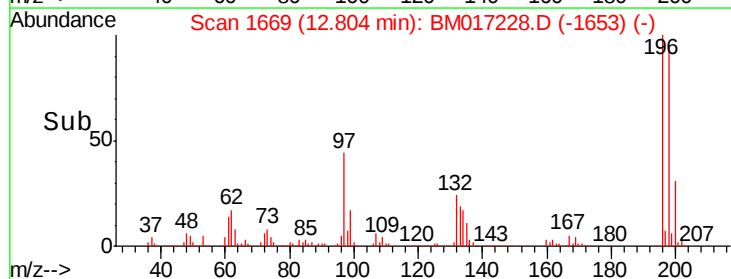
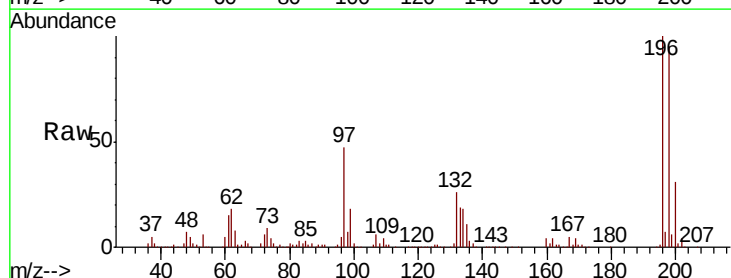
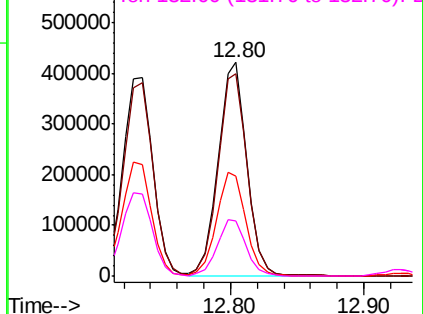
Abundance

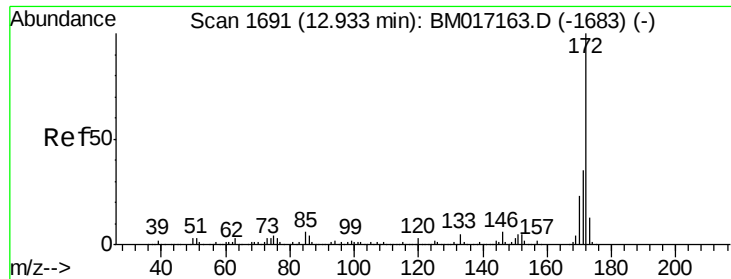
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): E

Ion 132.00 (131.70 to 132.70): E

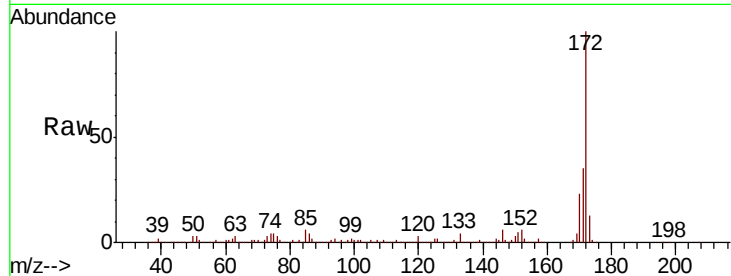




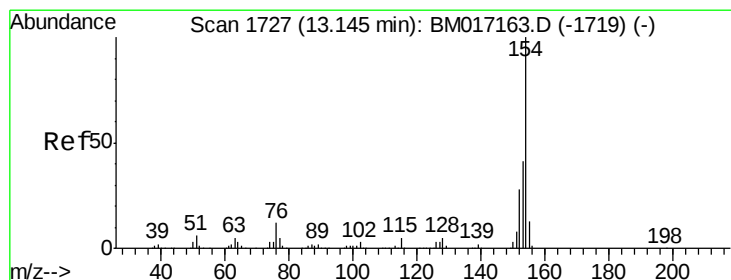
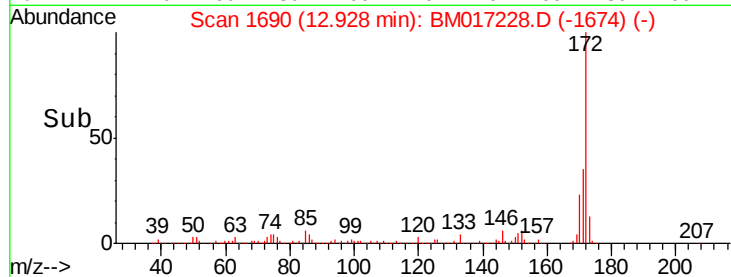
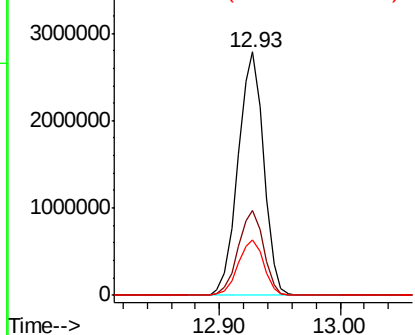
#45
2-Fluorobiphenyl
Concen: 81.258 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4116844
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.8 18.3 27.5

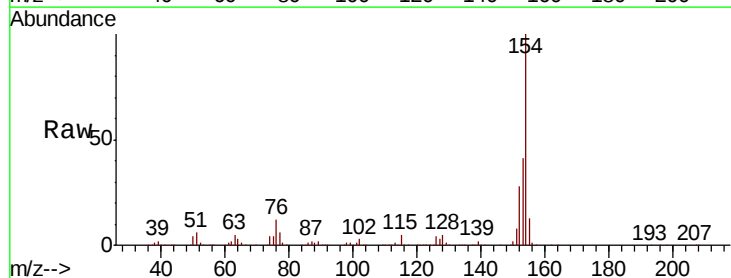


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

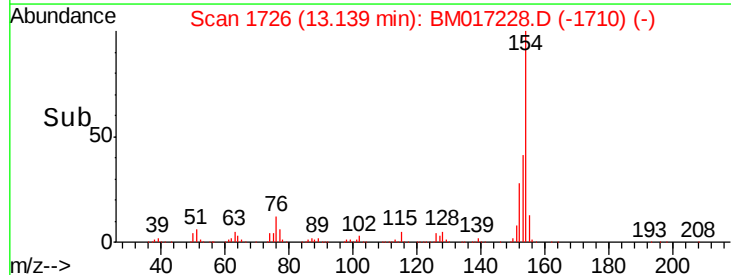
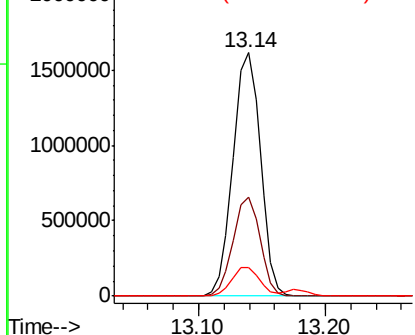


#46
1,1'-Biphenyl
Concen: 39.898 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion:154 Resp: 2420341
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 11.7 0.0 31.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

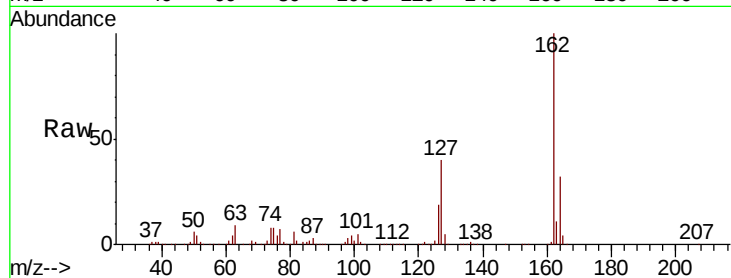




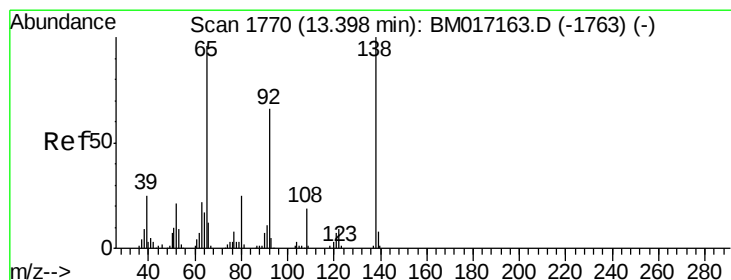
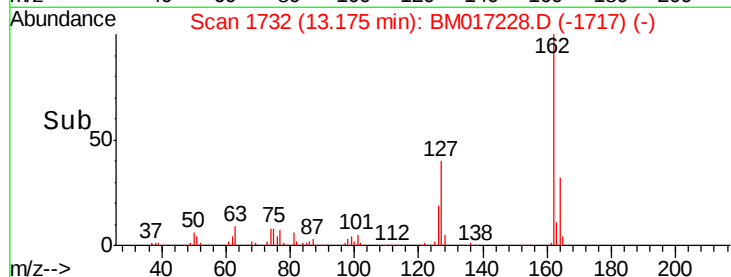
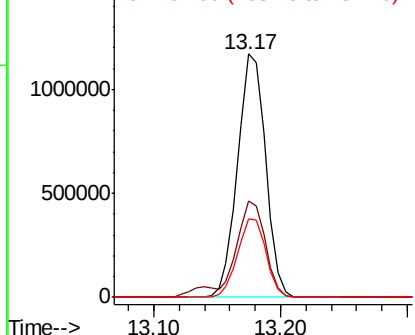
#47
2-Chloronaphthalene
Concen: 40.225 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1795170
Ion Ratio Lower Upper
162 100
127 39.7 31.0 46.4
164 32.3 26.6 39.8

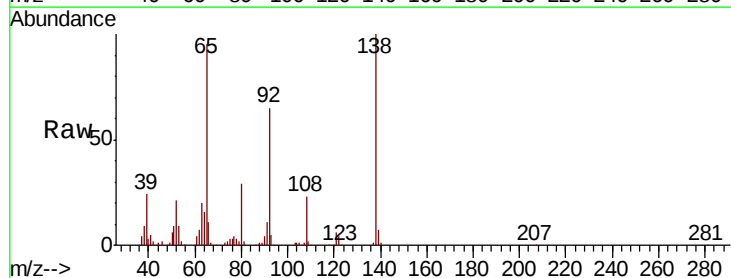


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

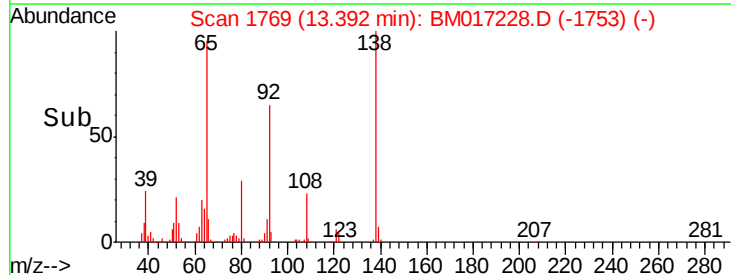
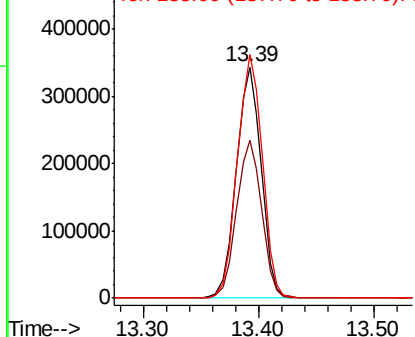


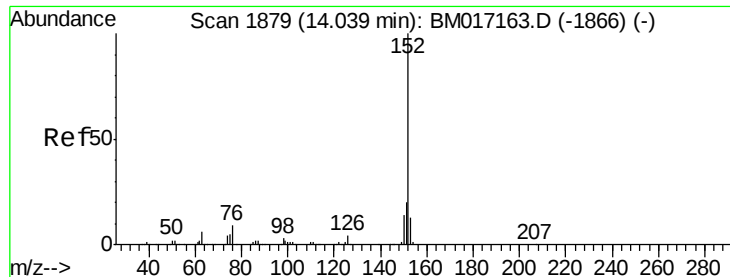
#48
2-Nitroaniline
Concen: 41.387 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion: 65 Resp: 510611
Ion Ratio Lower Upper
65 100
92 68.4 54.9 82.3
138 105.5 83.7 125.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.879 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

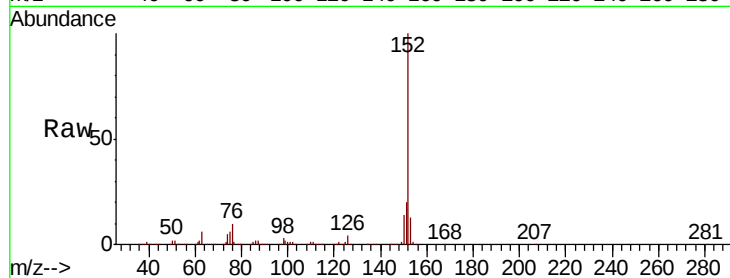
Tot Ion:152 Resp: 2644371

Ion Ratio Lower Upper

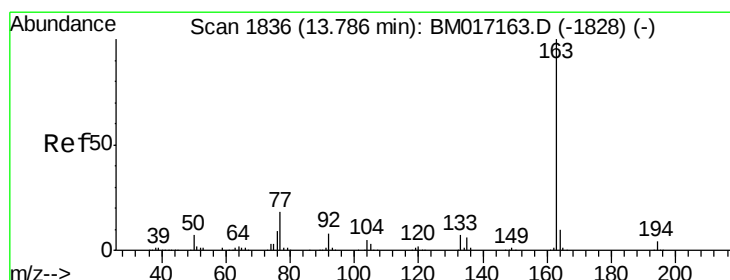
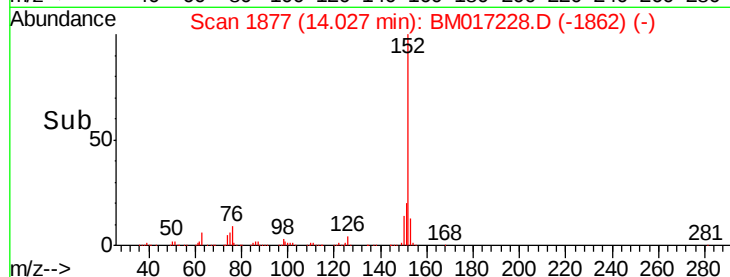
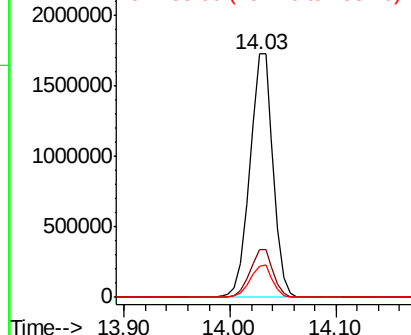
152 100

151 19.7 16.0 24.0

153 12.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.484 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

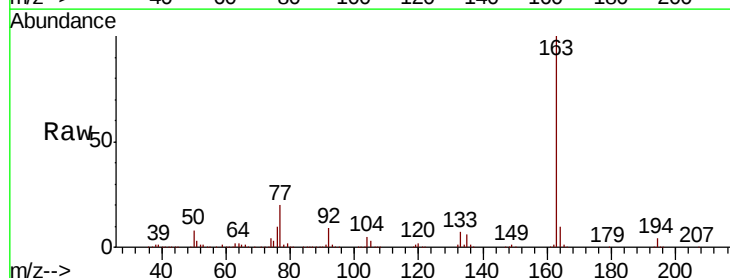
Tgt Ion:163 Resp: 2105509

Ion Ratio Lower Upper

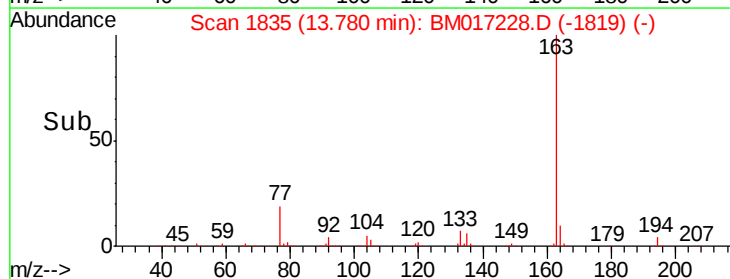
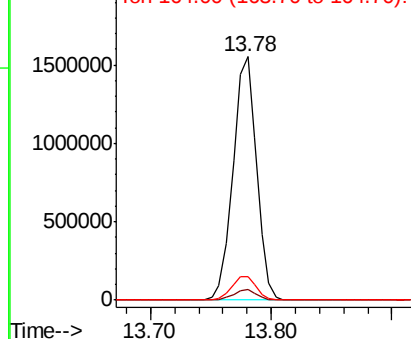
163 100

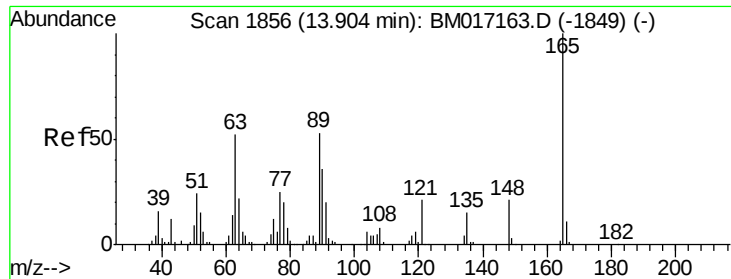
194 4.3 3.3 4.9

164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

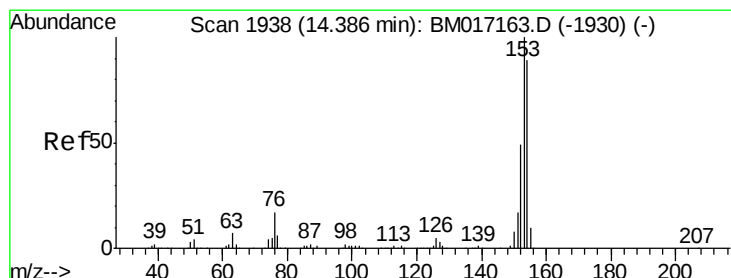
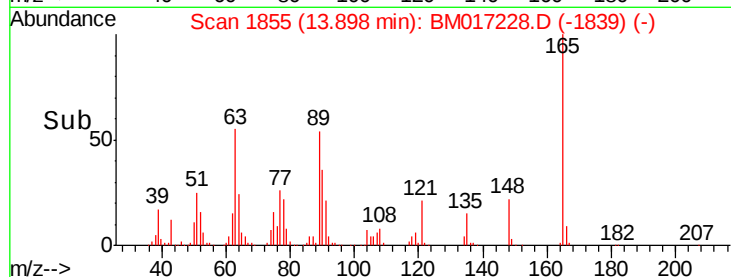
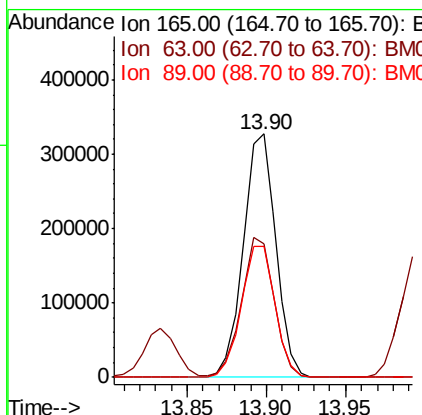
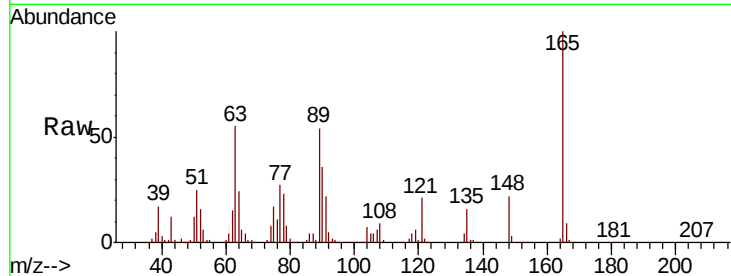




#51
 2,6-Dinitrotoluene
 Concen: 40.716 ng
 RT: 13.90 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

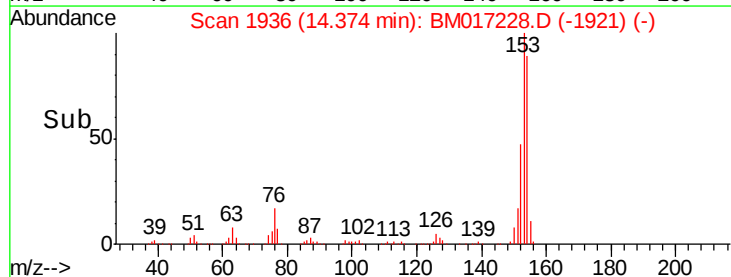
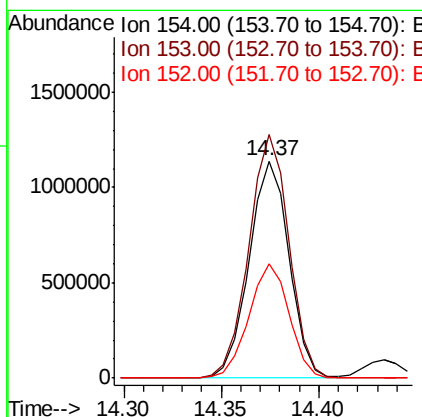
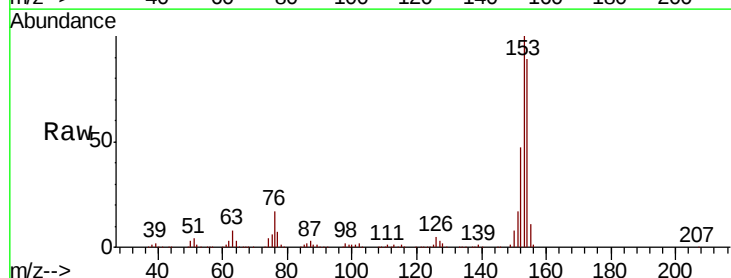
Instrument :
 BNA_M
 ClientSampleId :

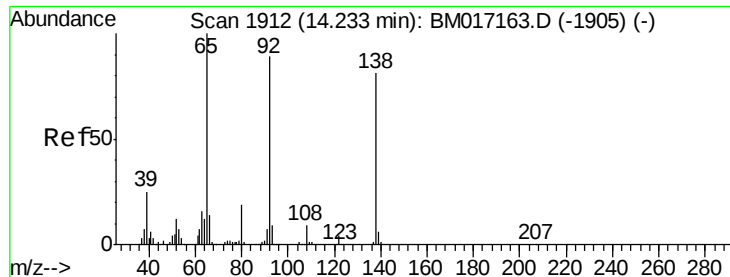
Tot Ion:165 Resp: 466060
 Ion Ratio Lower Upper
 165 100
 63 55.1 42.7 64.1
 89 54.0 42.1 63.1



#52
 Acenaphthene
 Concen: 39.799 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Tgt Ion:154 Resp: 1616470
 Ion Ratio Lower Upper
 154 100
 153 112.0 90.2 135.2
 152 52.5 44.2 66.4

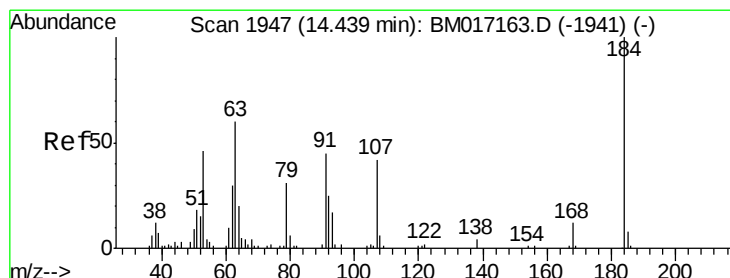
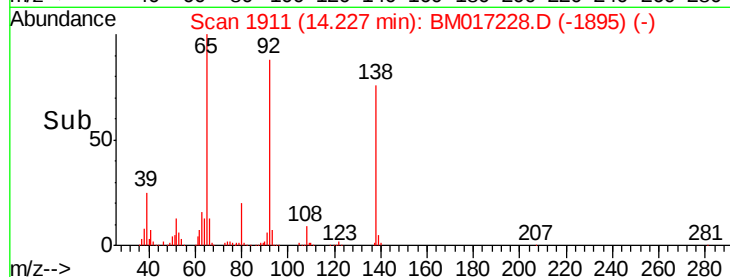
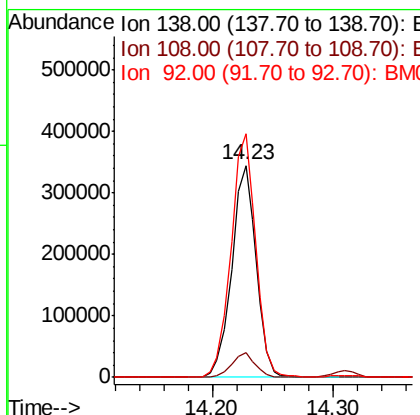
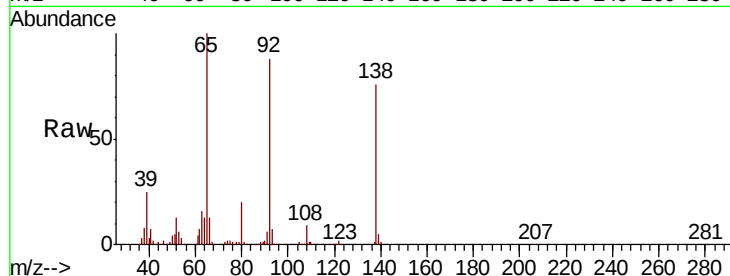




#53
 3-Nitroaniline
 Concen: 39.069 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

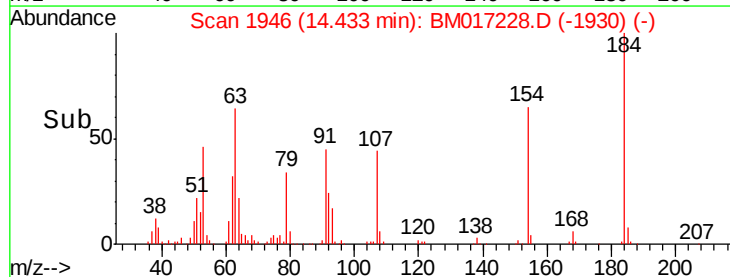
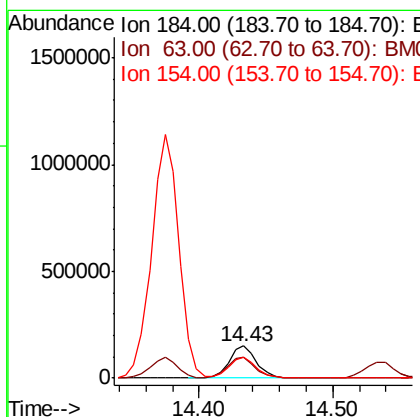
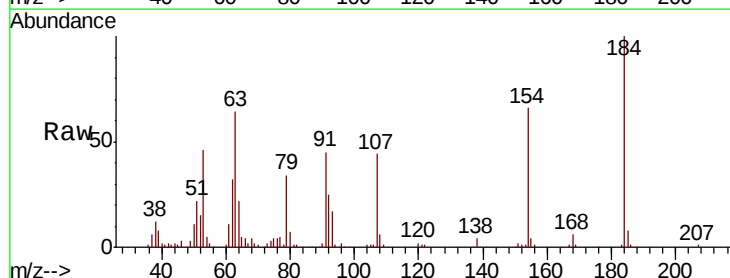
Instrument :
 BNA_M
 ClientSampleId :

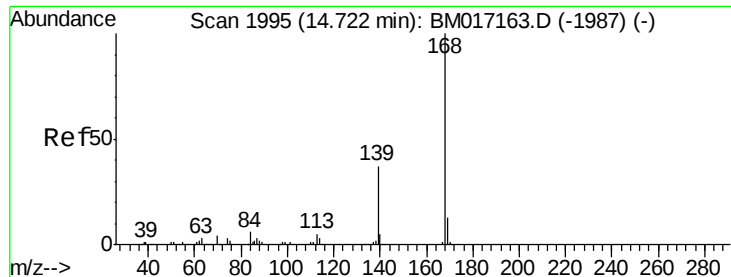
Tot Ion:138 Resp: 484356
 Ion Ratio Lower Upper
 138 100
 108 11.8 8.7 13.1
 92 114.9 87.9 131.9



#54
 2,4-Dinitrophenol
 Concen: 36.706 ng
 RT: 14.43 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Tgt Ion:184 Resp: 213172
 Ion Ratio Lower Upper
 184 100
 63 64.2 51.2 76.8
 154 65.6 47.8 71.8





#55

Dibenzofuran

Concen: 39.005 ng

RT: 14.71 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampled :

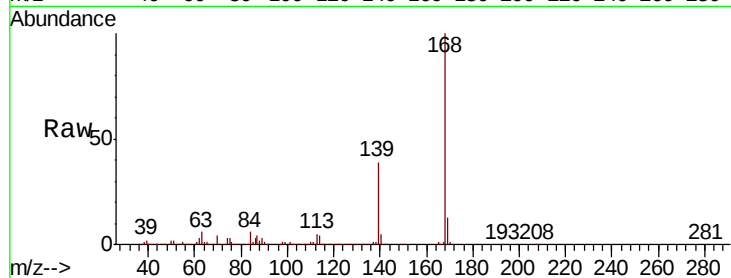
Tot Ion:168 Resp: 2634471

Ion Ratio Lower Upper

168 100

139 38.6 29.3 43.9

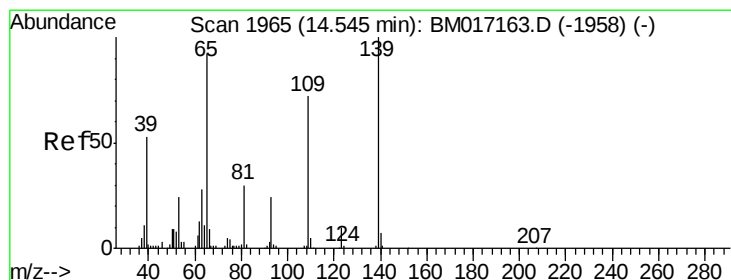
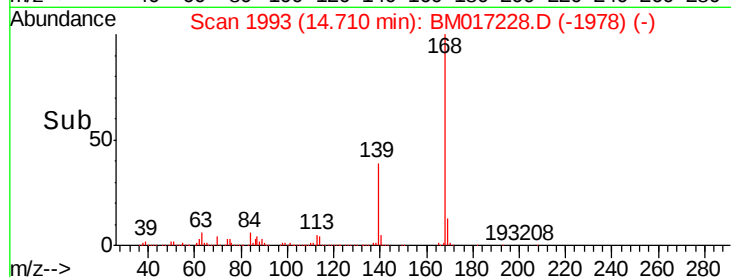
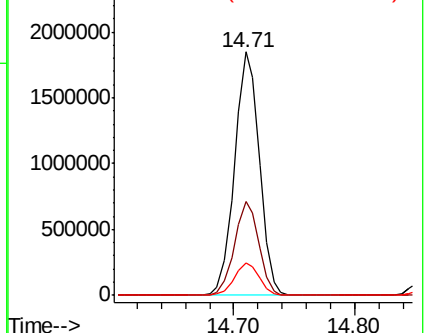
169 13.4 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.009 ng

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

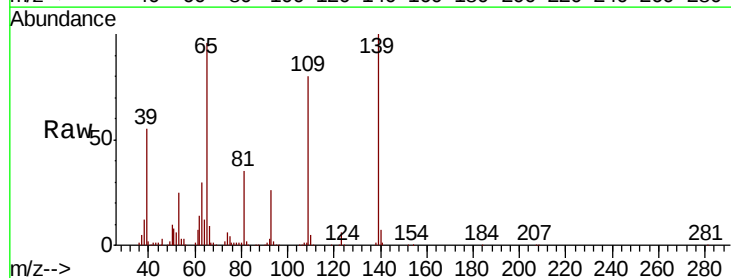
Tgt Ion:139 Resp: 375720

Ion Ratio Lower Upper

139 100

109 79.5 51.8 91.8

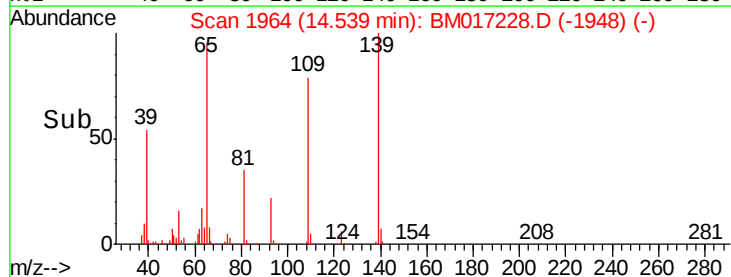
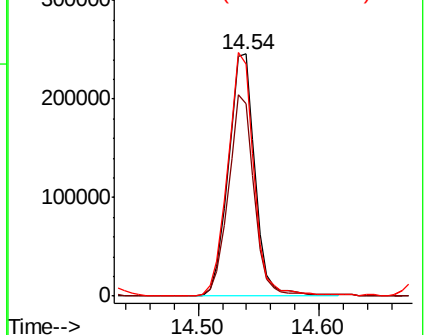
65 96.0 72.1 112.1

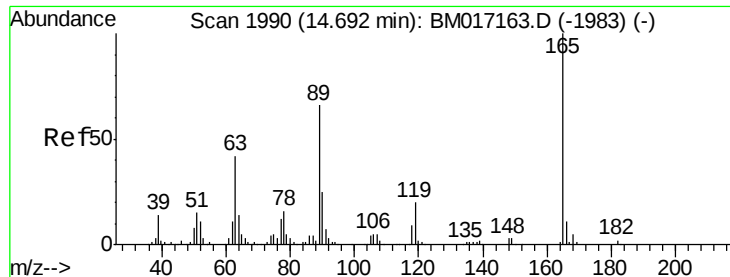


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

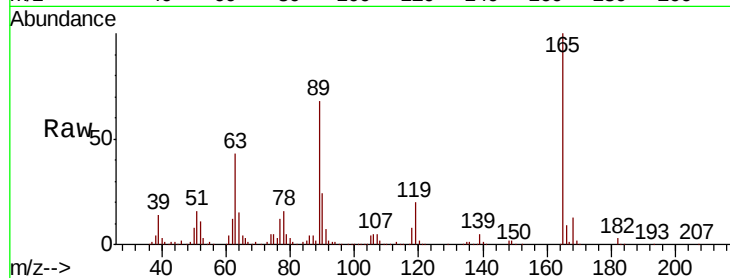




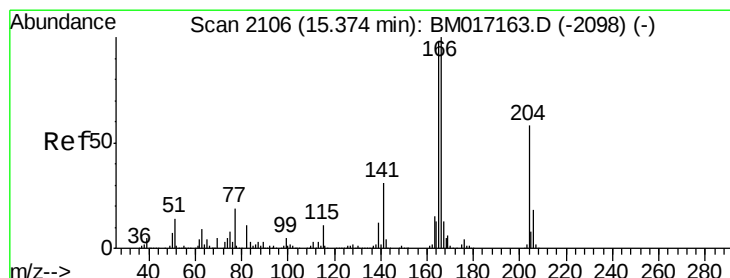
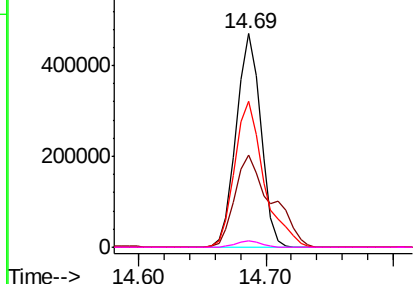
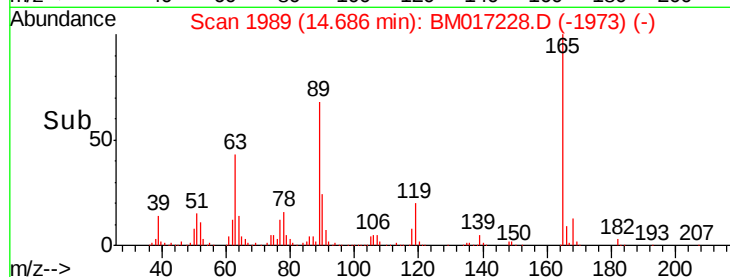
#57
2,4-Dinitrotoluene
Concen: 40.696 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 626102
Ion Ratio Lower Upper
165 100
63 43.4 33.8 50.8
89 68.4 53.1 79.7
182 3.0 2.0 3.0#

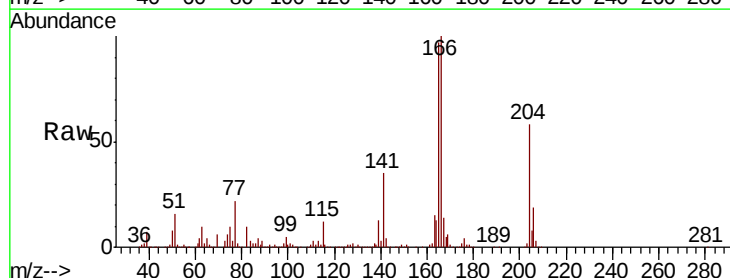


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

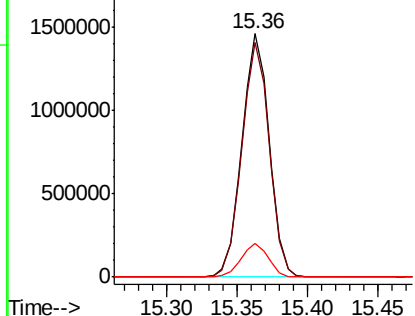
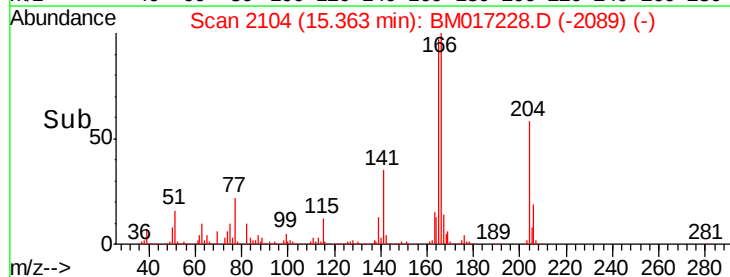


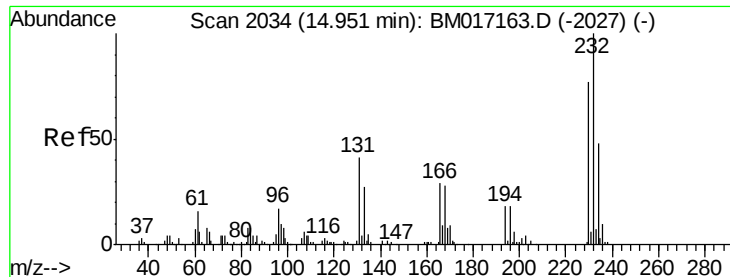
#58
Fluorene
Concen: 39.416 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion:166 Resp: 1970569
Ion Ratio Lower Upper
166 100
165 96.6 78.1 117.1
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

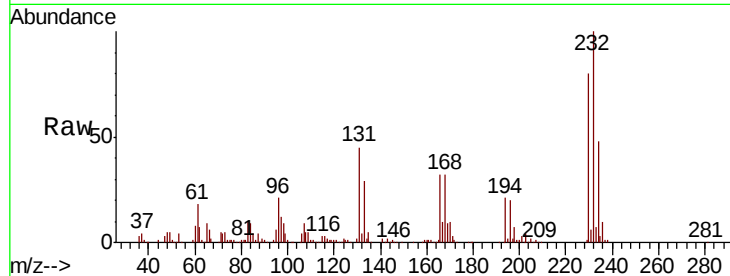




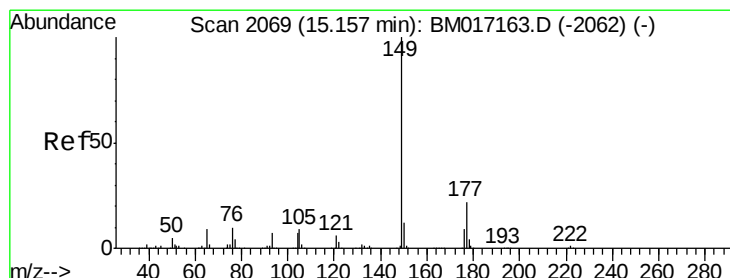
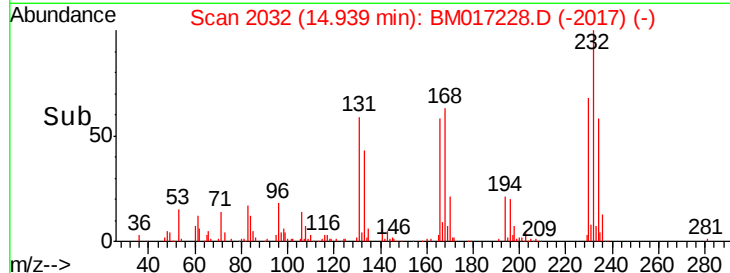
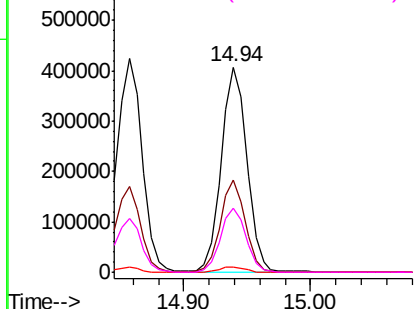
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.206 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 568534
 Ion Ratio Lower Upper
 232 100
 131 43.6 33.1 49.7
 130 2.5 1.7 2.5
 166 31.5 24.4 36.6

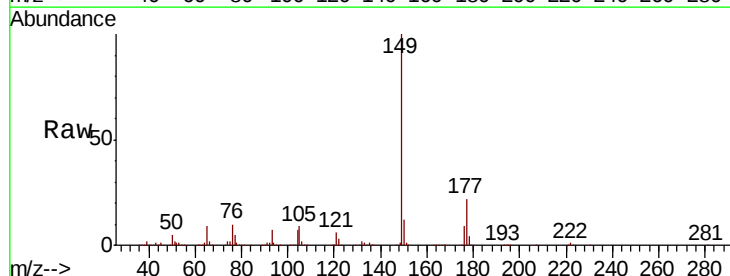


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

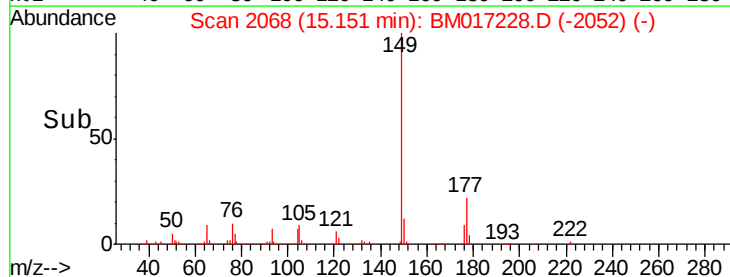
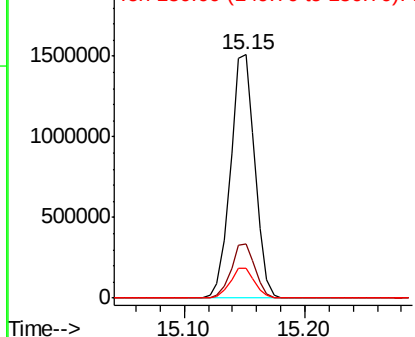


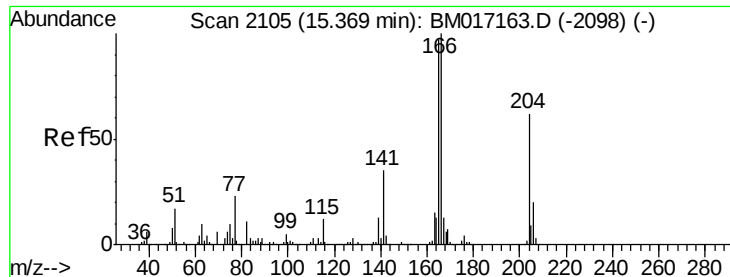
#60
 Diethylphthalate
 Concen: 40.886 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Tgt Ion:149 Resp: 2108788
 Ion Ratio Lower Upper
 149 100
 177 22.4 17.7 26.5
 150 12.2 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 40.191 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

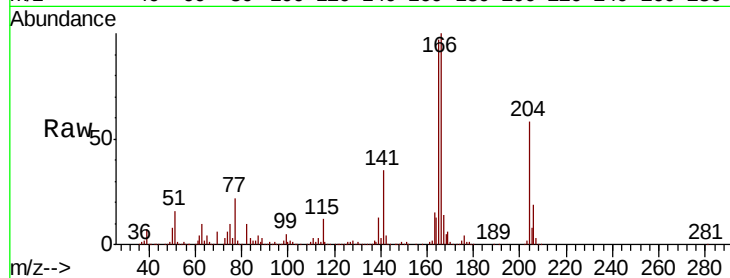
Tot Ion:204 Resp: 1145476

Ion Ratio Lower Upper

204 100

206 31.8 26.1 39.1

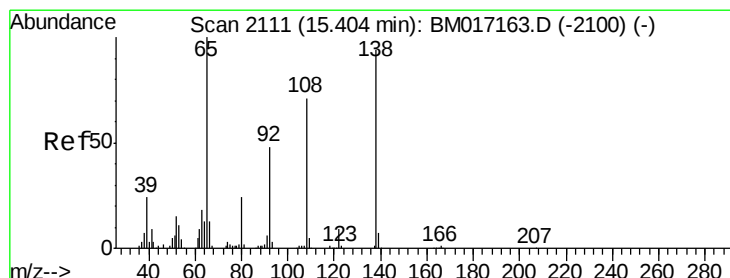
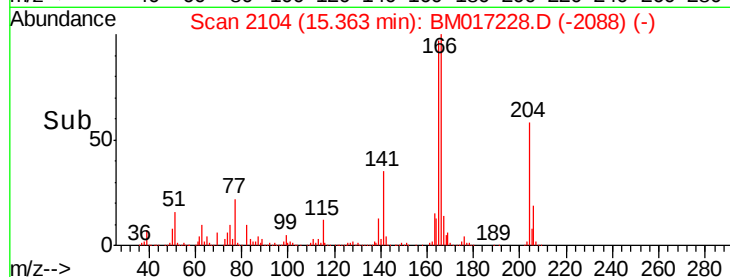
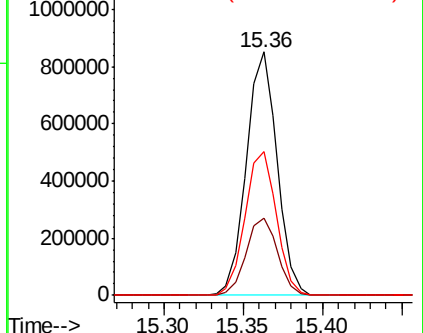
141 59.1 45.4 68.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 36.955 ng

RT: 15.40 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

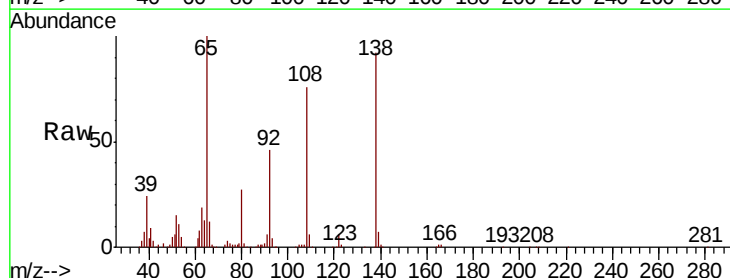
Tgt Ion:138 Resp: 494488

Ion Ratio Lower Upper

138 100

92 49.5 31.2 71.2

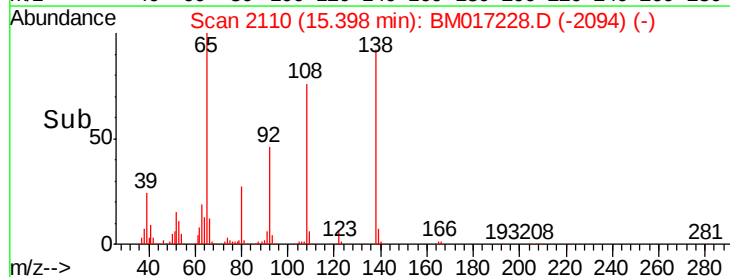
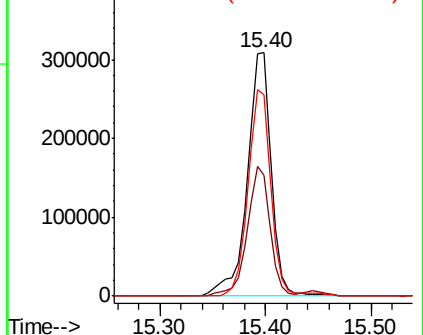
108 82.7 55.5 95.5

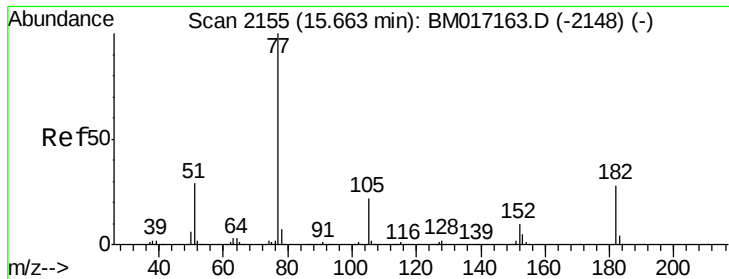


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.529 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

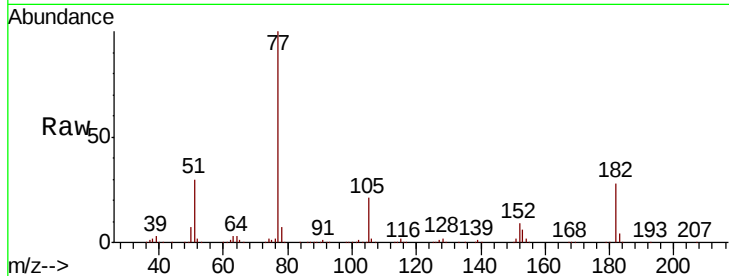
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2031790

Ion	Ratio	Lower	Upper
77	100		
182	28.1	8.3	48.3
105	21.3	1.5	41.5
51	30.4	8.8	48.8

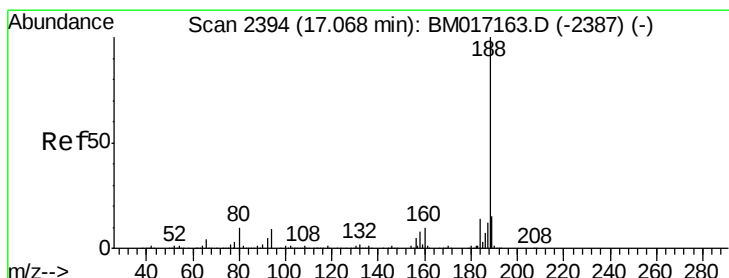
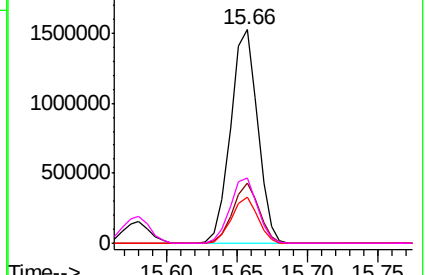
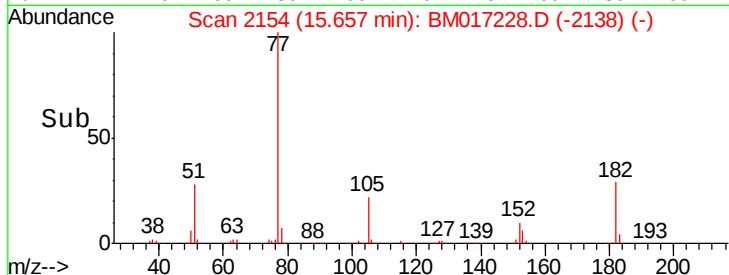


Abundance Ion 77.00 (76.70 to 77.70): BM017228.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017228.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017228.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017228.D (-2148) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2392

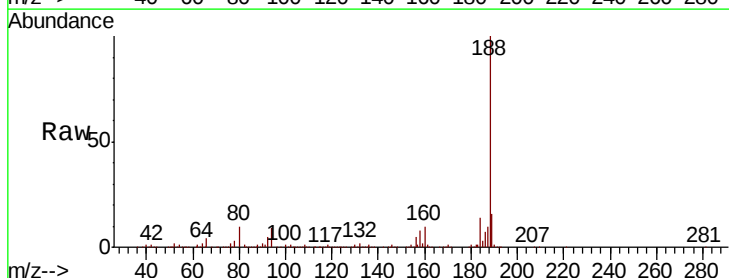
Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Tgt Ion: 188 Resp: 1436627

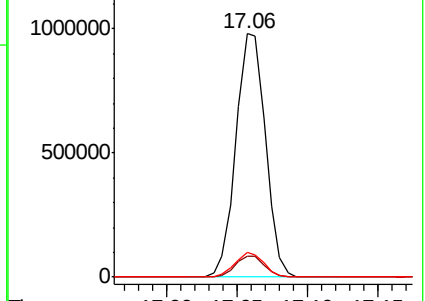
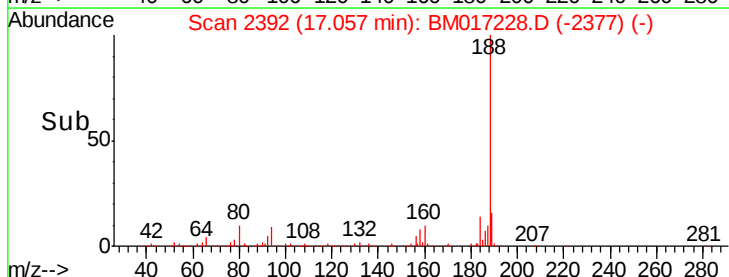
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	10.0	7.7	11.5

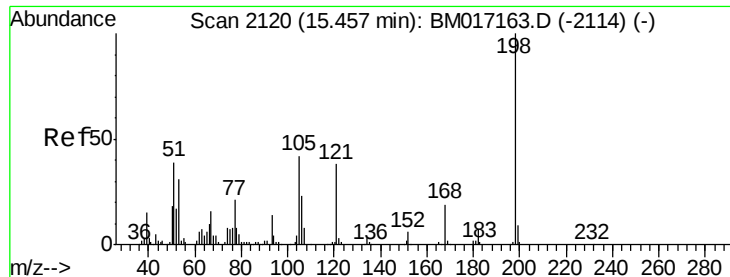


Abundance Ion 188.00 (187.70 to 188.70): BM017228.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017228.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017228.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 41.648 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

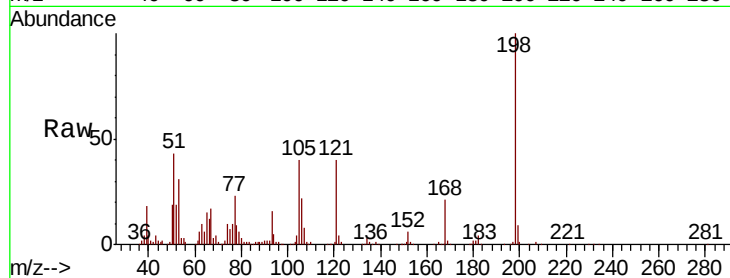
Instrument :

BNA_M

ClientSampleId :

Tot Ion:198 Resp: 374205

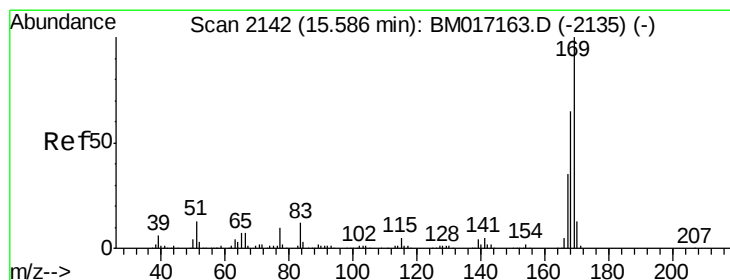
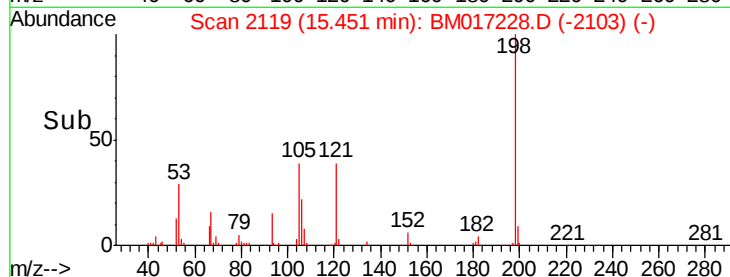
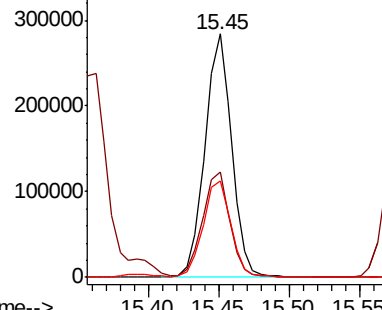
Ion	Ratio	Lower	Upper
198	100		
51	43.2	20.3	60.3
105	39.5	21.9	61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.628 ng

RT: 15.58 min Scan# 2141

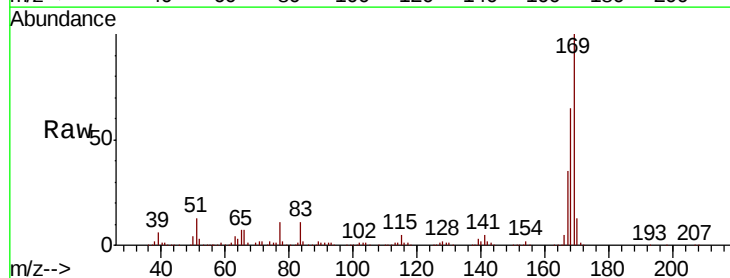
Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Tgt Ion:169 Resp: 1896273

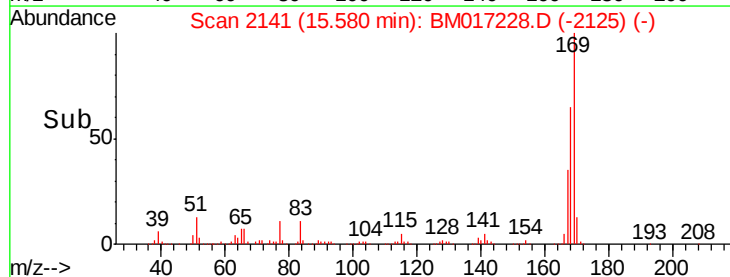
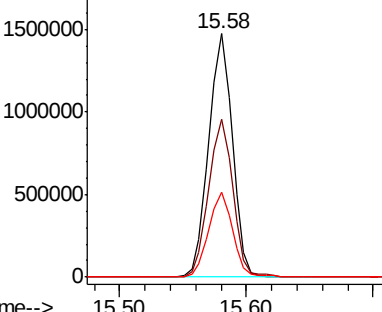
Ion	Ratio	Lower	Upper
169	100		
168	64.7	52.2	78.4
167	34.9	28.4	42.6

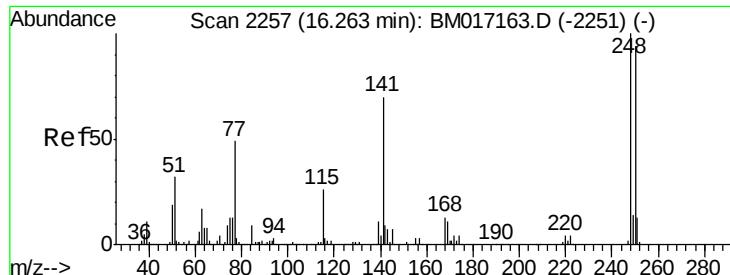


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

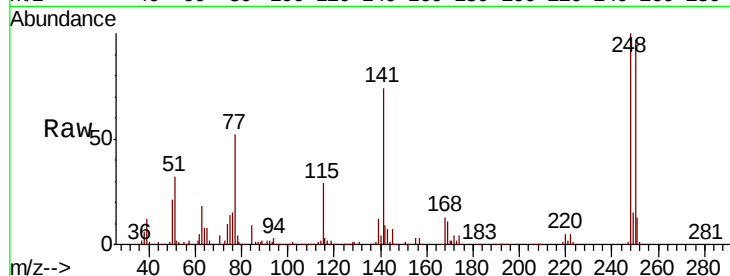




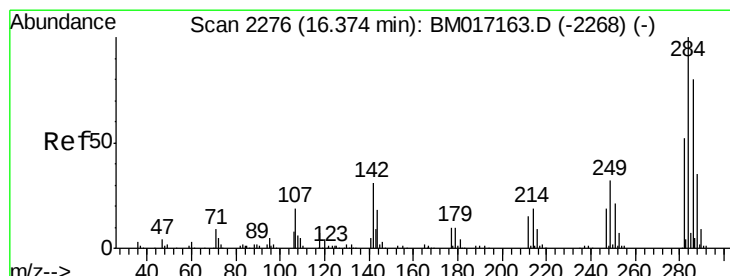
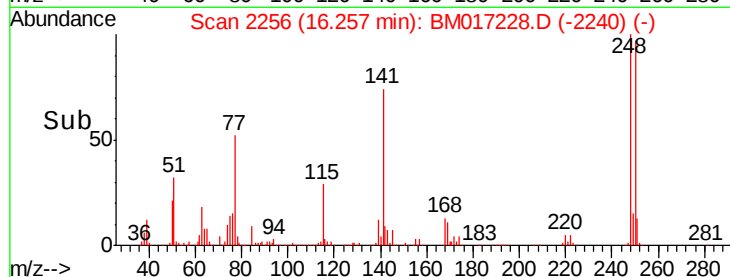
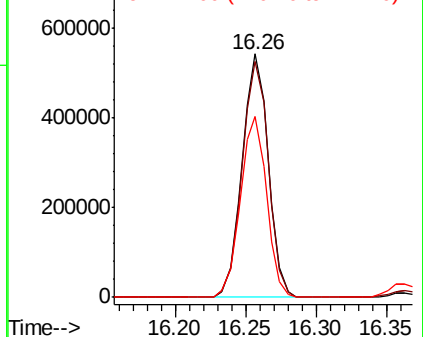
#67
4-Bromophenyl-phenylether
Concen: 44.524 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	75.1	112.7
141	74.1	55.6	83.4

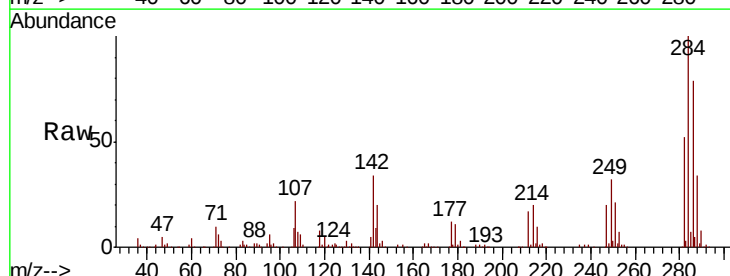


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

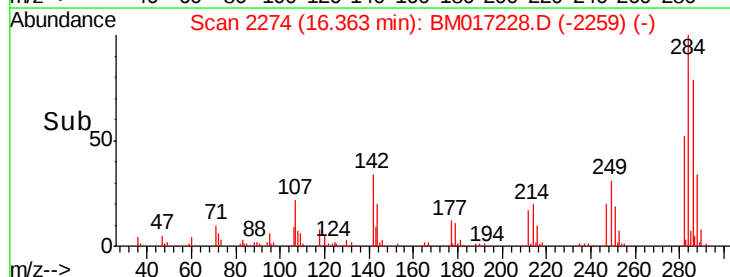
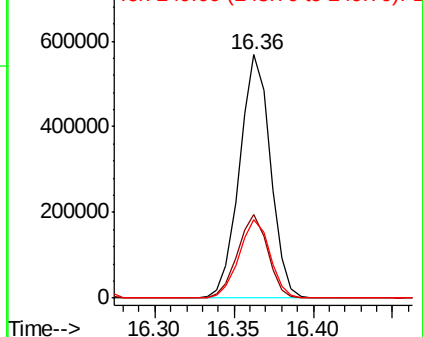


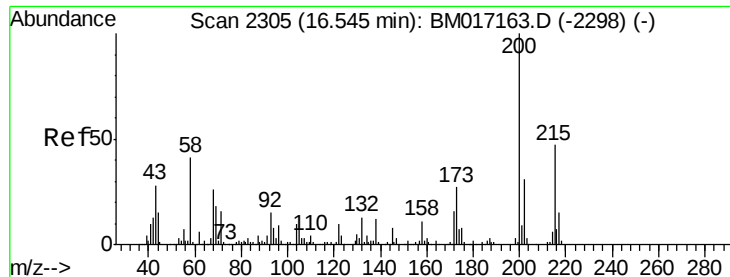
#68
Hexachlorobenzene
Concen: 41.910 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	25.0	37.6
249	32.4	25.5	38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

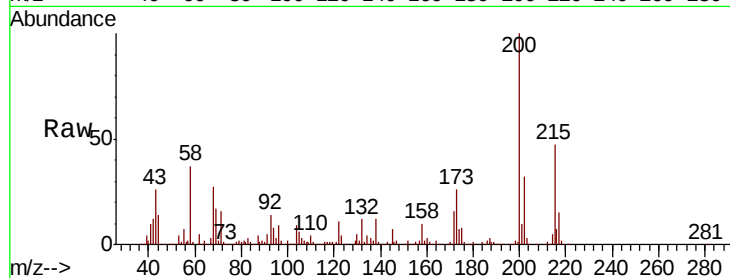




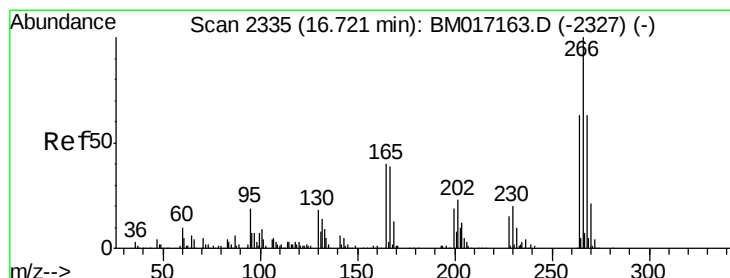
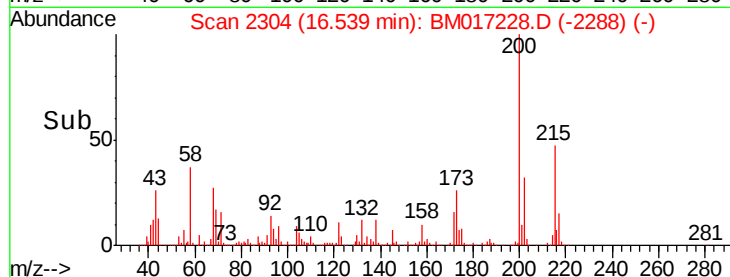
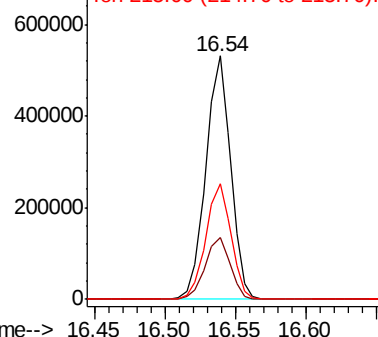
#69
 Atrazine
 Concen: 41.976 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	7.0	47.0
215	47.4	27.3	67.3

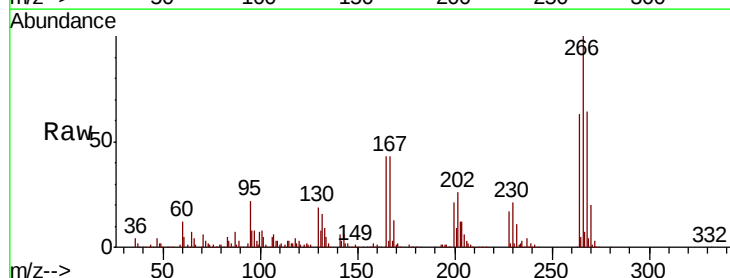


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

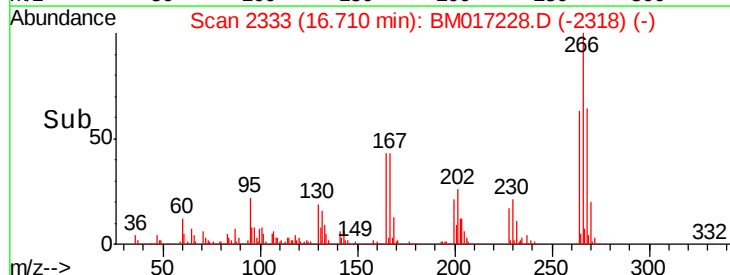
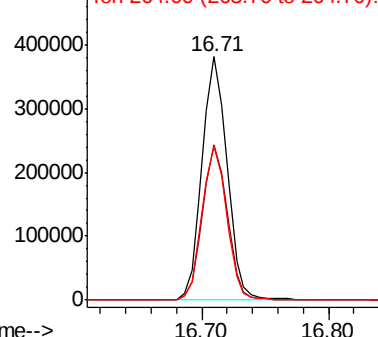


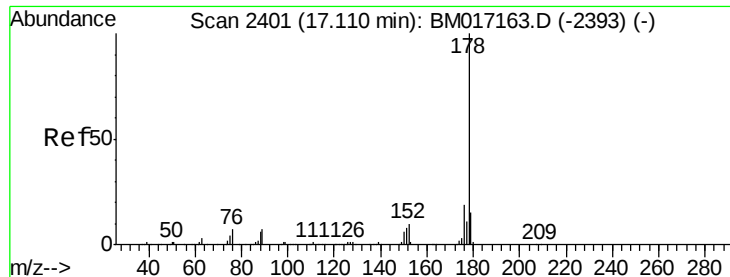
#70
 Pentachlorophenol
 Concen: 41.510 ng
 RT: 16.71 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.7	76.1
264	63.4	50.4	75.6



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

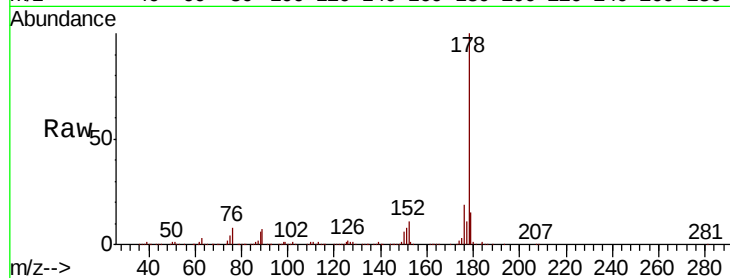




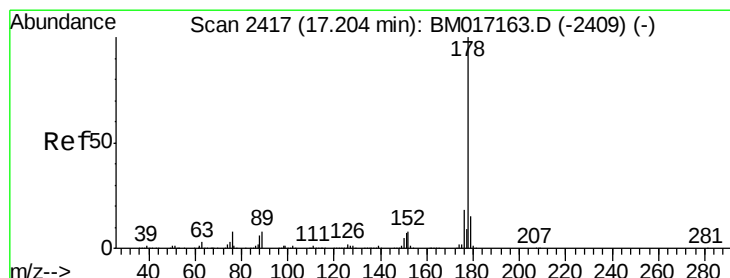
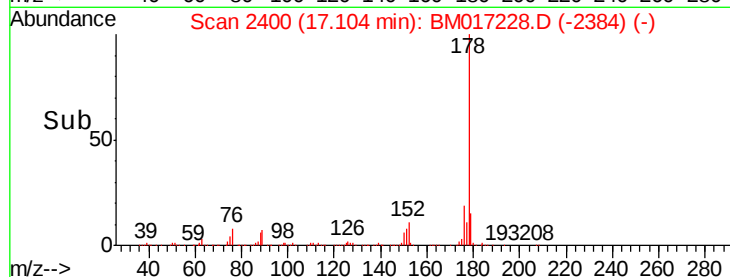
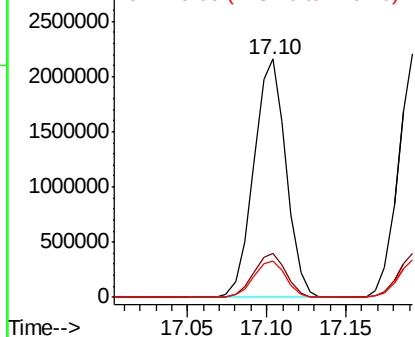
#71
Phenanthrene
Concen: 39.276 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 3044344
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.2 12.3 18.5

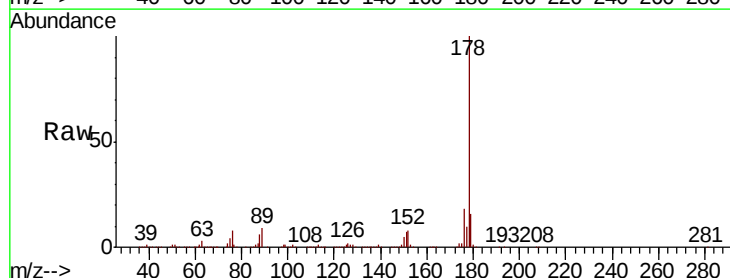


Abundance Ion 178.00 (177.70 to 178.70): E
3000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

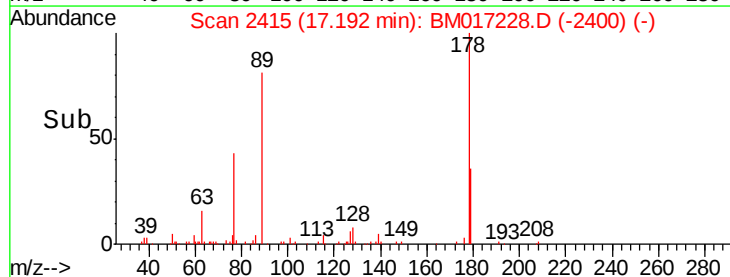
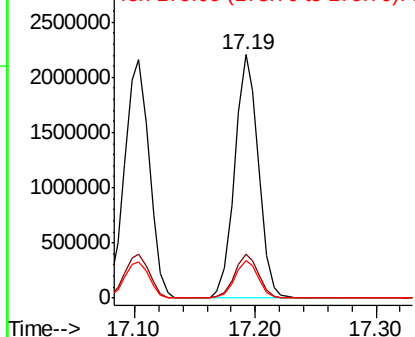


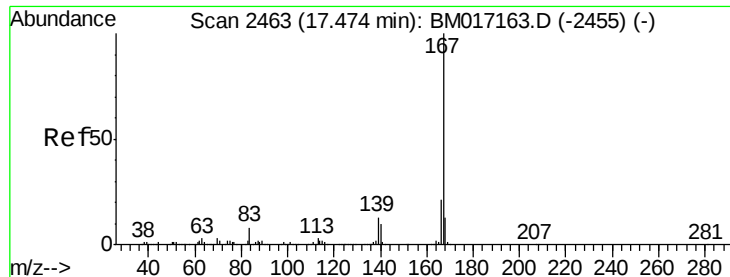
#72
Anthracene
Concen: 40.831 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion:178 Resp: 3007187
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
3000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.717 ng

RT: 17.47 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

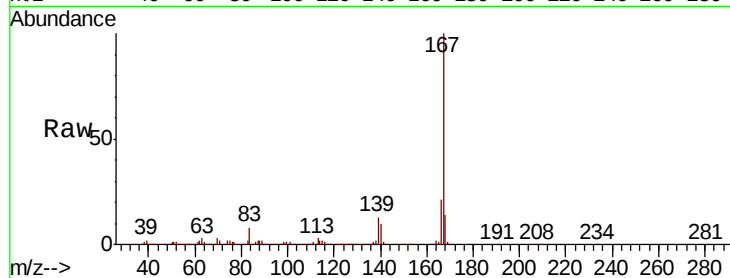
Tot Ion:167 Resp: 2912792

Ion Ratio Lower Upper

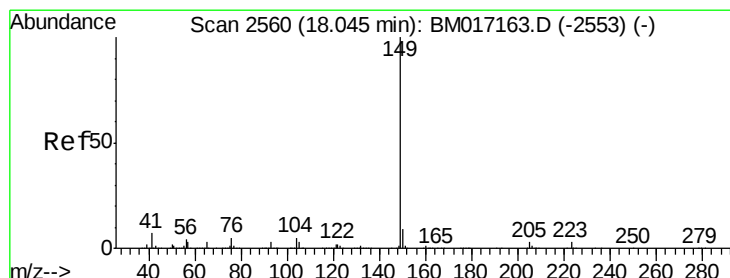
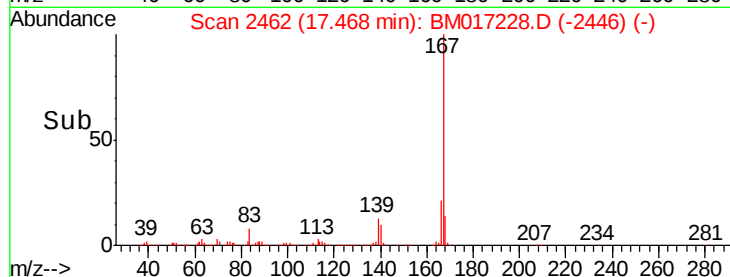
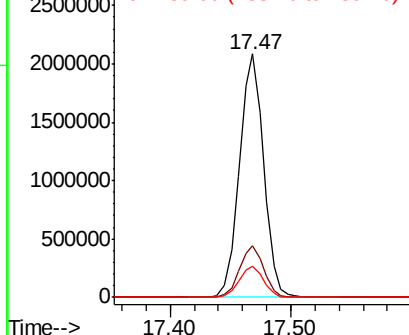
167 100

166 21.3 17.1 25.7

139 12.9 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.667 ng

RT: 18.04 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

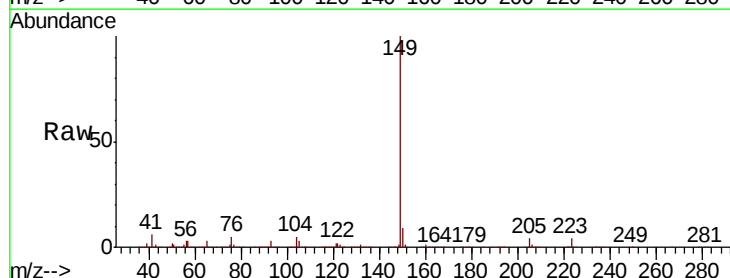
Tgt Ion:149 Resp: 3226884

Ion Ratio Lower Upper

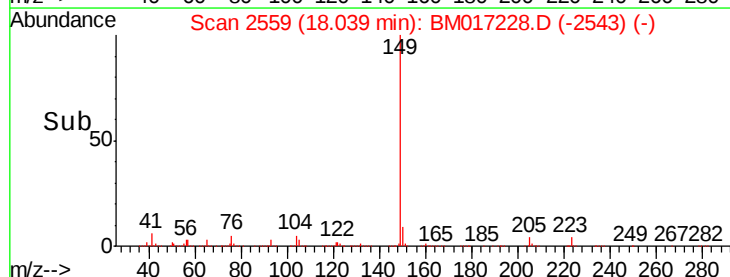
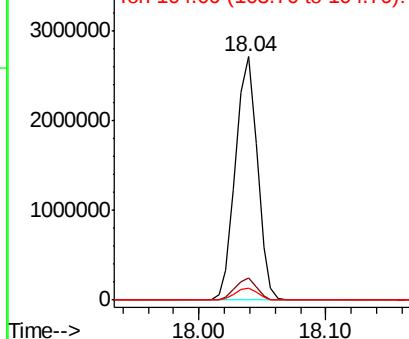
149 100

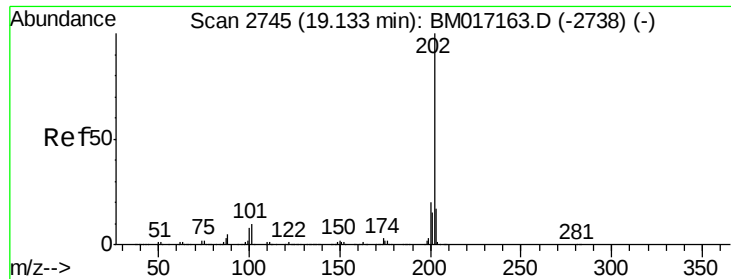
150 9.2 7.4 11.0

104 5.0 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.979 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

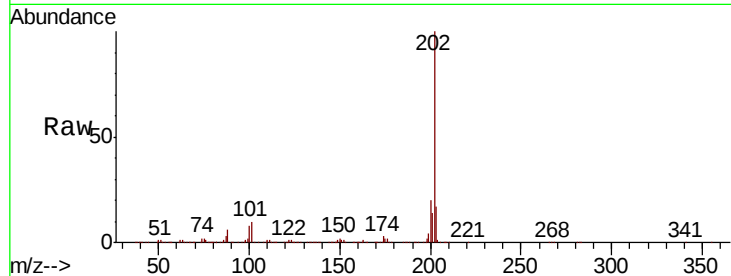
Tot Ion:202 Resp: 3225319

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.0

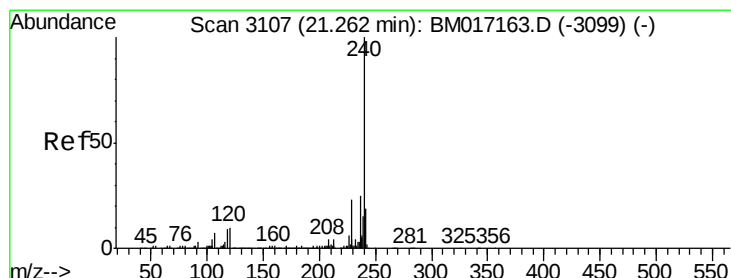
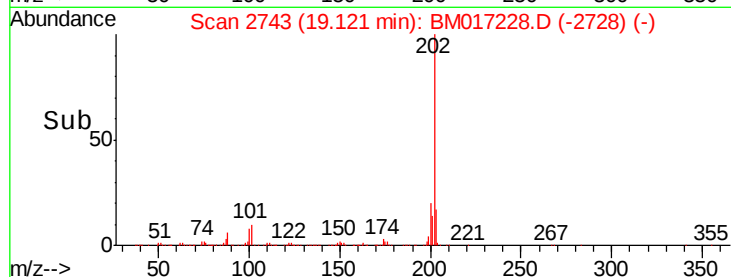
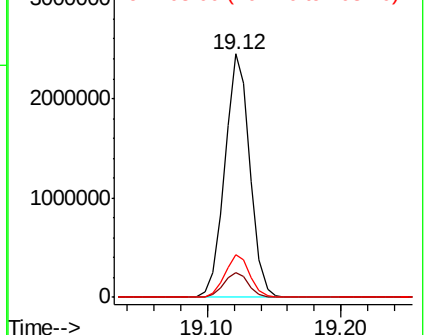
203 17.5 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

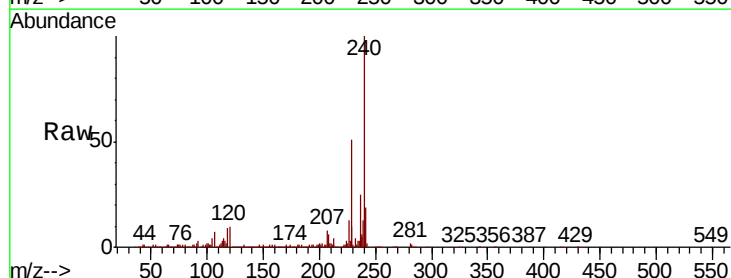
Tgt Ion:240 Resp: 1322516

Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

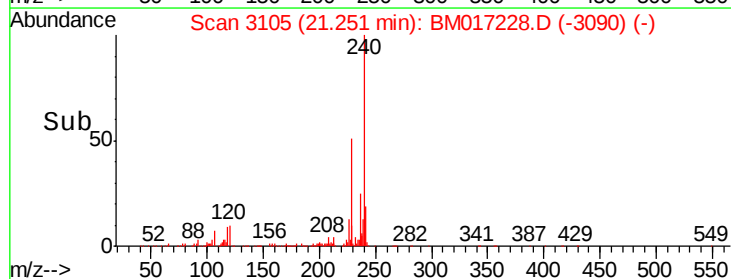
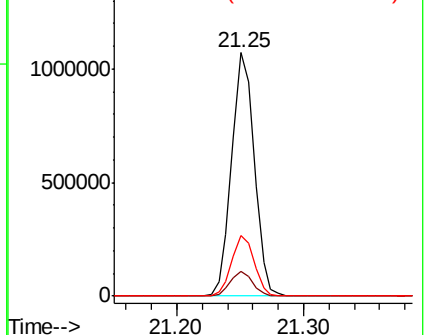
236 25.1 19.9 29.9

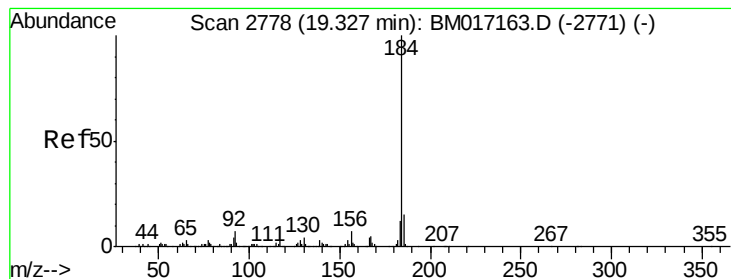


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.392 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

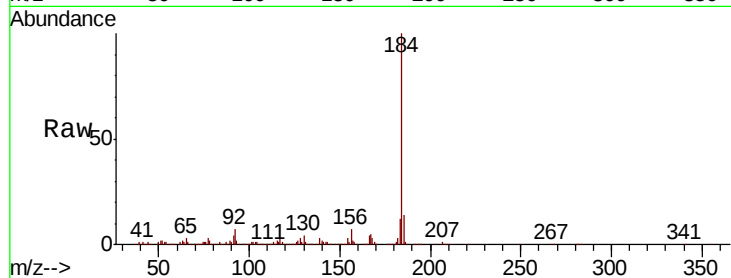
Tot Ion:184 Resp: 1488664

Ion Ratio Lower Upper

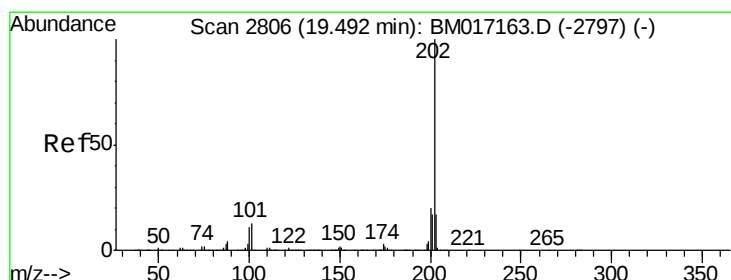
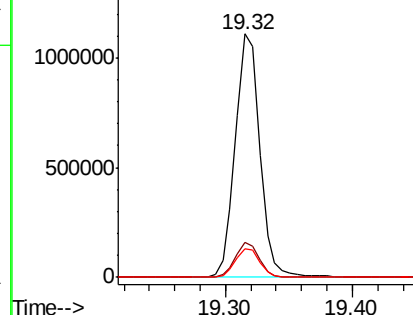
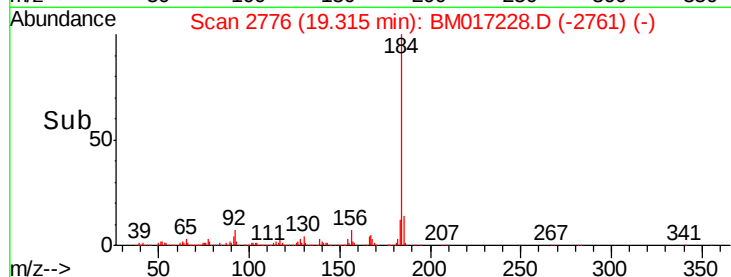
184 100

185 14.1 11.8 17.8

183 11.7 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.414 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

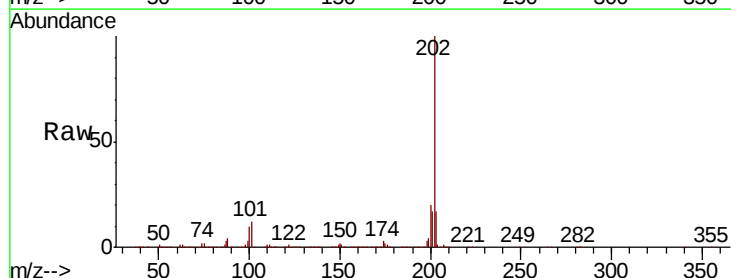
Tgt Ion:202 Resp: 3356804

Ion Ratio Lower Upper

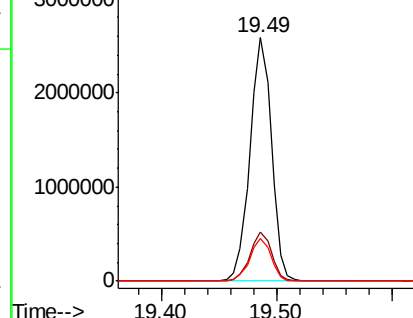
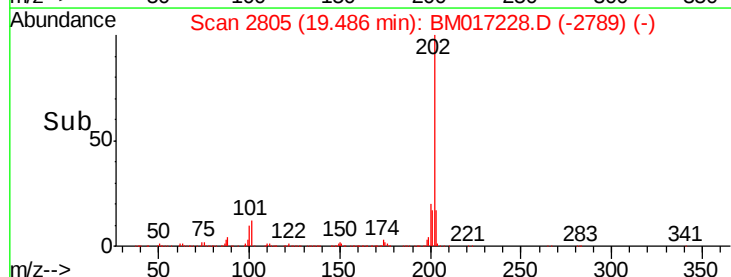
202 100

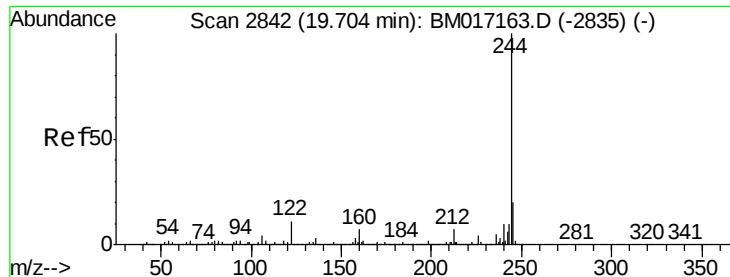
200 20.2 16.3 24.5

203 17.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

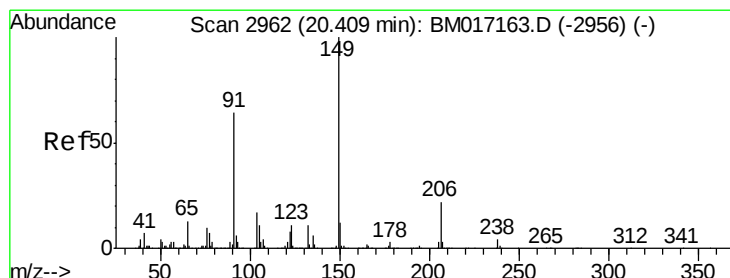
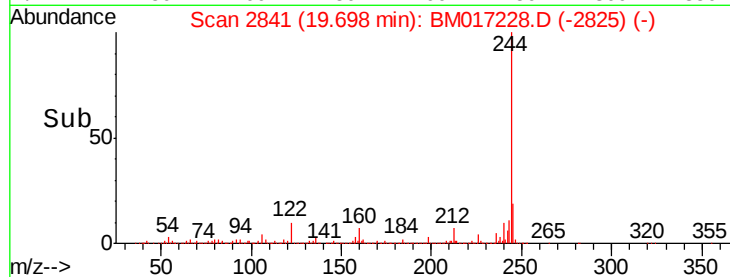
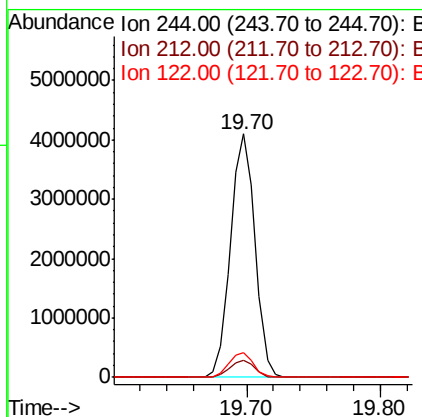
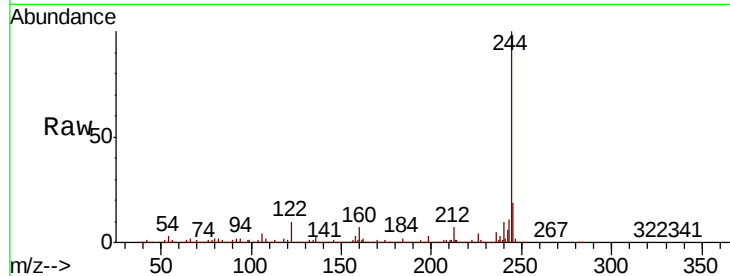




#79
 Terphenyl-d14
 Concen: 89.519 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

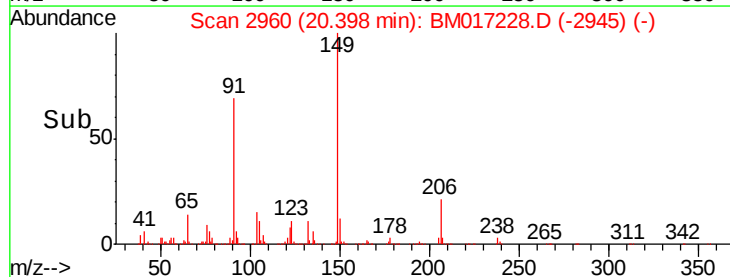
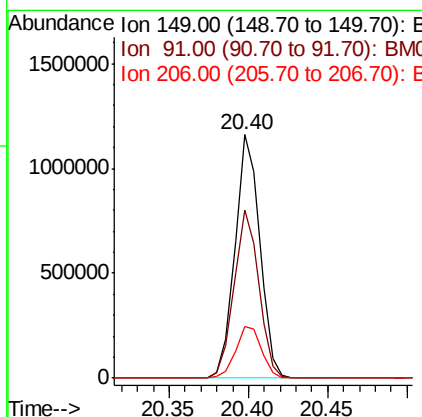
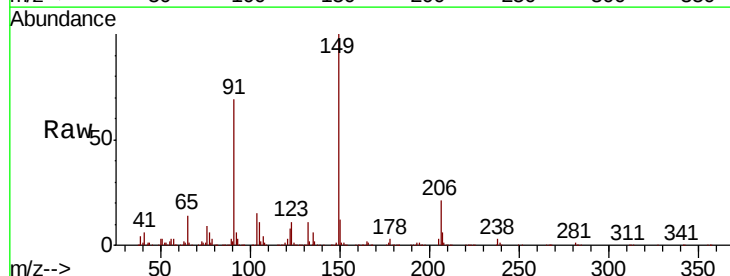
Instrument :
 BNA_M
 ClientSampled :

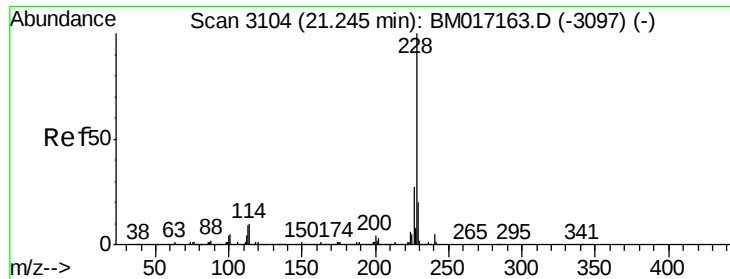
Tot Ion:244 Resp: 5252462
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 10.4 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 45.163 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Tgt Ion:149 Resp: 1256292
 Ion Ratio Lower Upper
 149 100
 91 69.3 51.3 76.9
 206 21.2 18.0 27.0

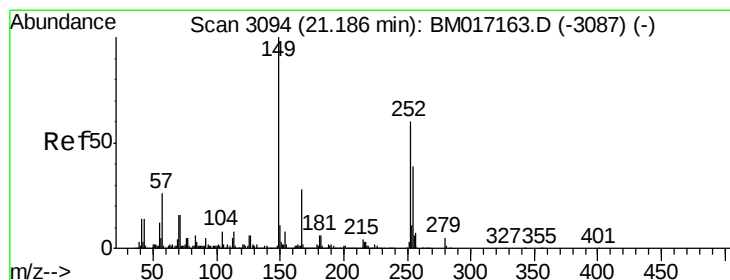
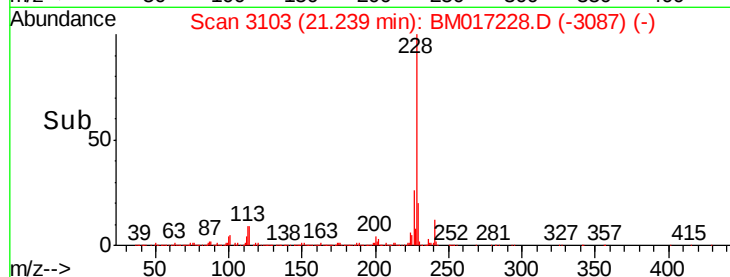
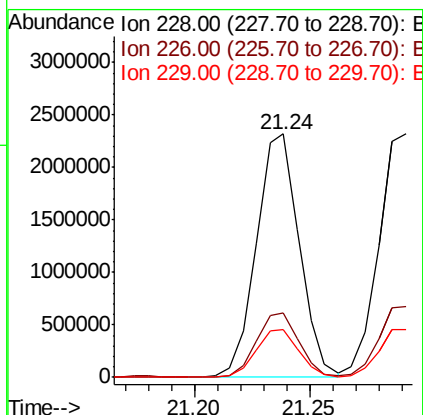
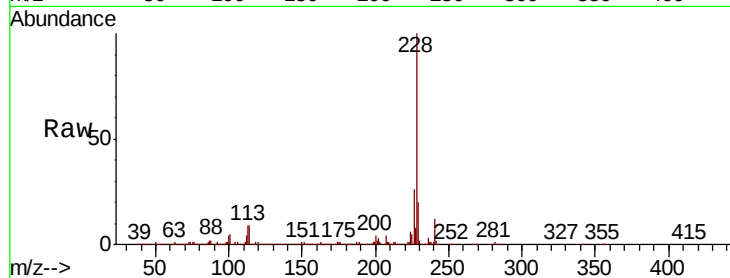




#81
Benzo(a)anthracene
Concen: 40.297 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

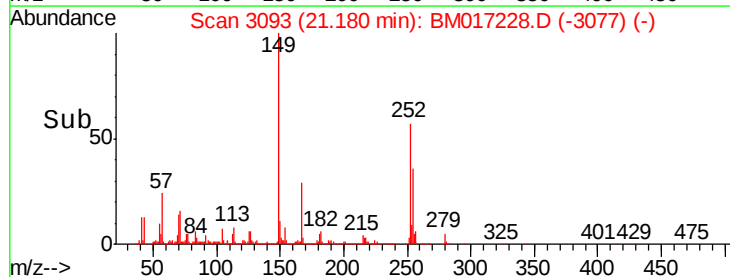
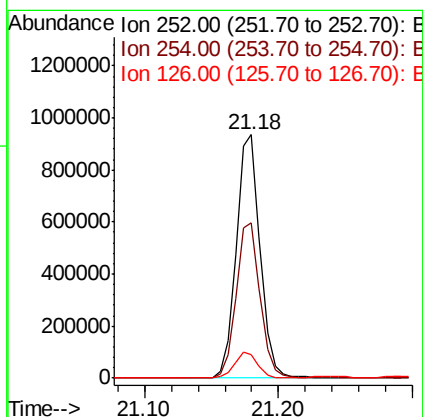
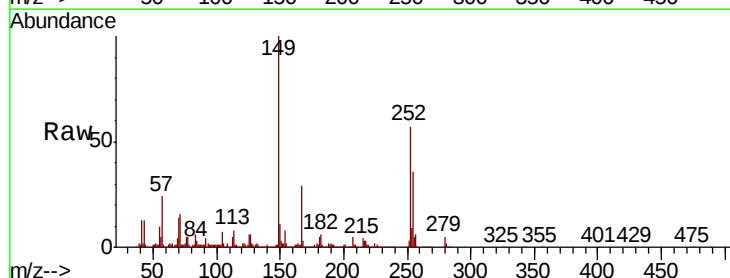
Instrument :
BNA_M
ClientSampleId :

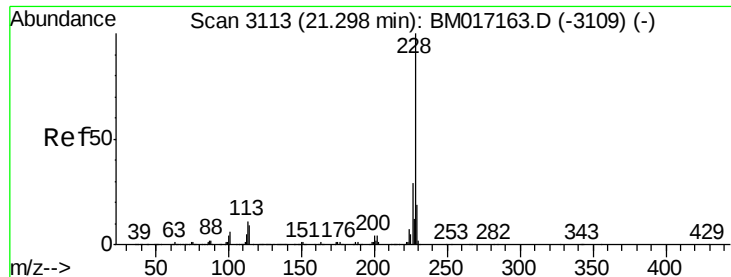
Tot Ion:228 Resp: 2999039
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.0
229 19.7 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 41.756 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017228.D
Acq: 19 Oct 2018 14:00

Tgt Ion:252 Resp: 1158224
Ion Ratio Lower Upper
252 100
254 64.0 52.1 78.1
126 9.9 8.6 12.8

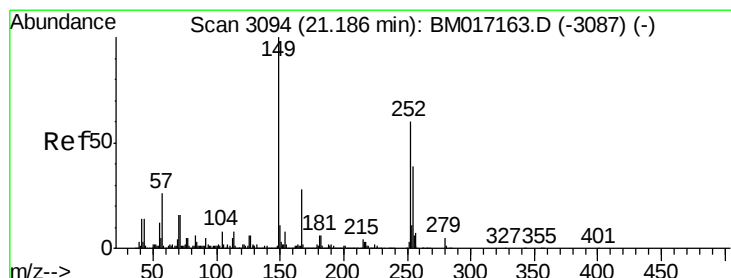
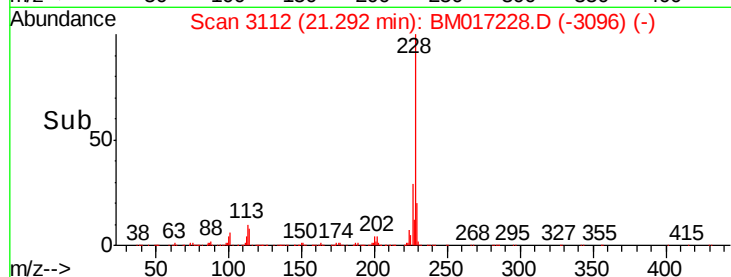
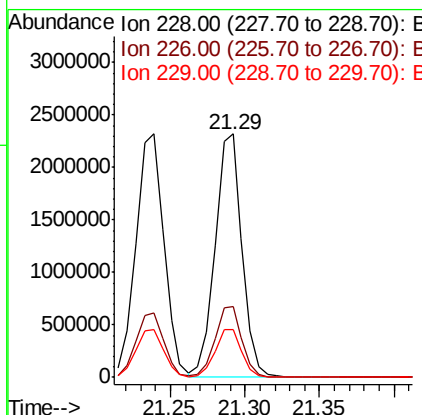
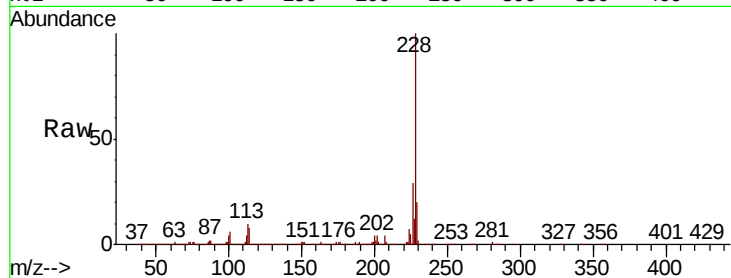




#83
 Chrvsene
 Concen: 39.627 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

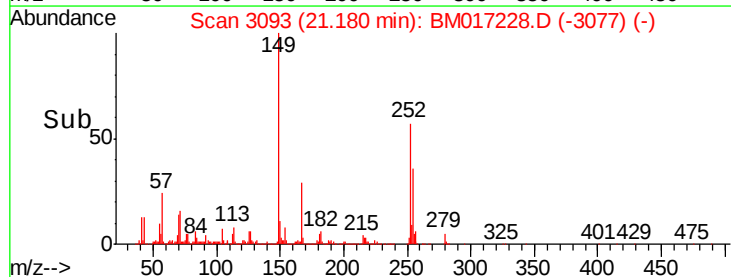
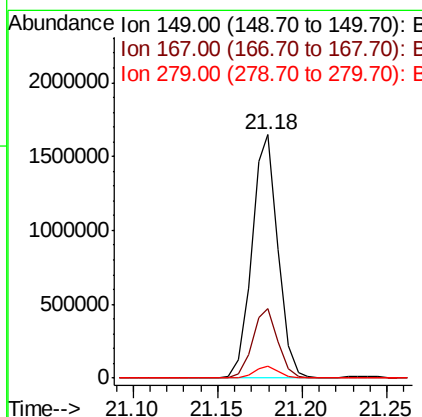
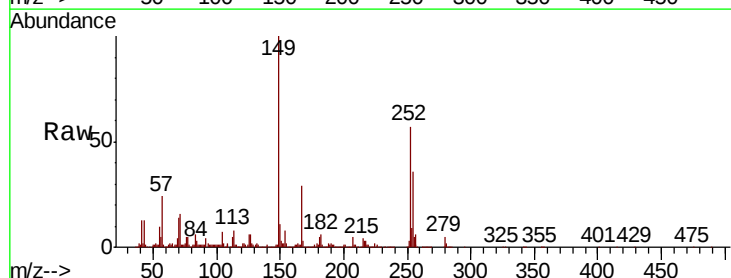
Instrument :
 BNA_M
 ClientSampled :

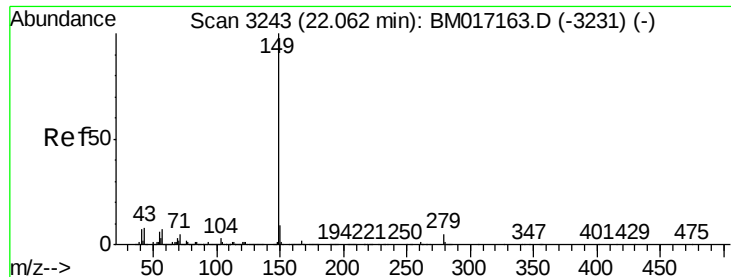
Tot Ion:228 Resp: 2919110
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.3 34.9
 229 19.6 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.837 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017228.D
 Acq: 19 Oct 2018 14:00

Tgt Ion:149 Resp: 1767492
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.2 33.4
 279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 39.595 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

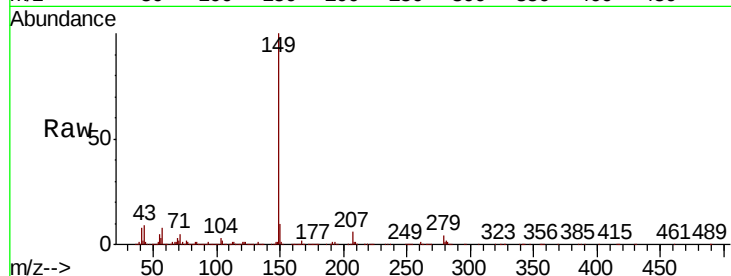
Tot Ion:149 Resp: 2806245

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

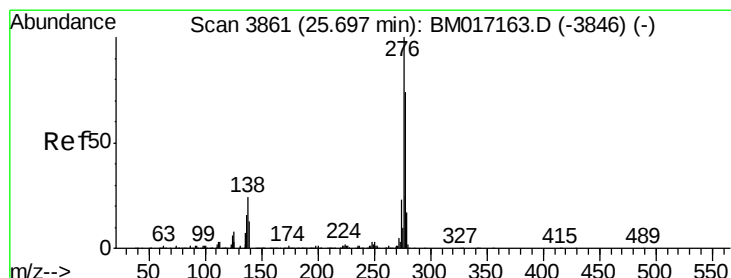
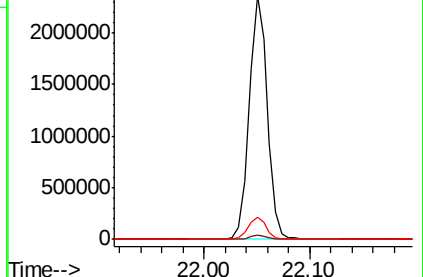
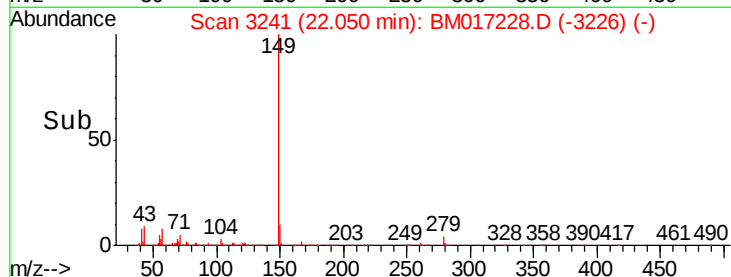
43 9.0 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.807 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

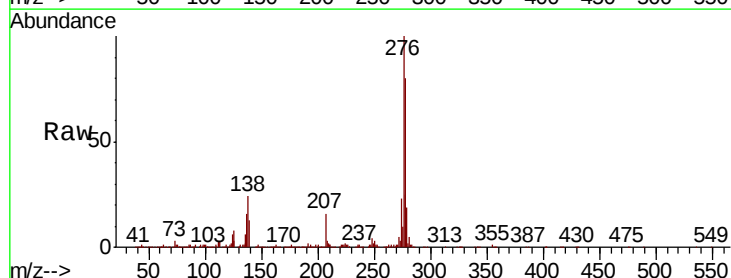
Tgt Ion:276 Resp: 3114980

Ion Ratio Lower Upper

276 100

138 22.8 19.5 29.3

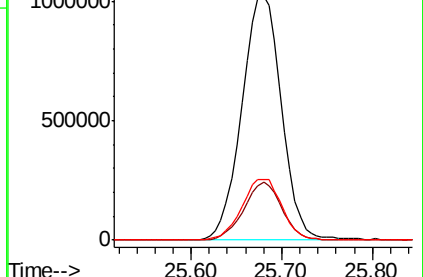
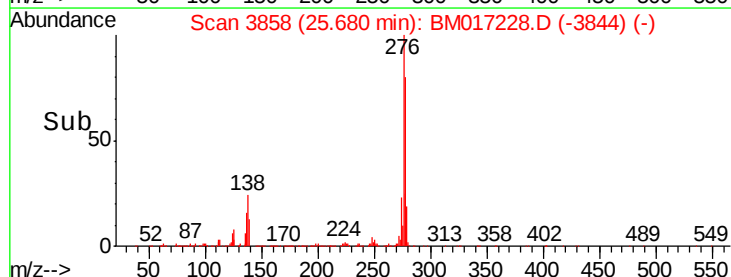
277 25.2 20.1 30.1

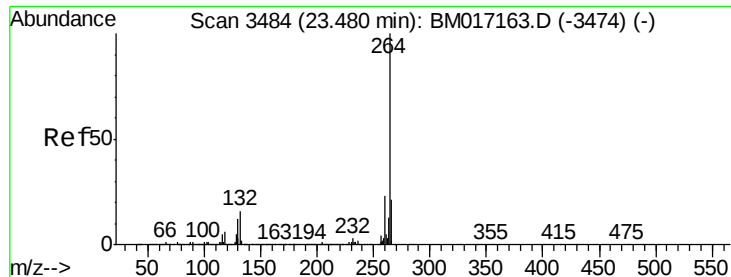


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3481

Delta R.T. -0.02 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

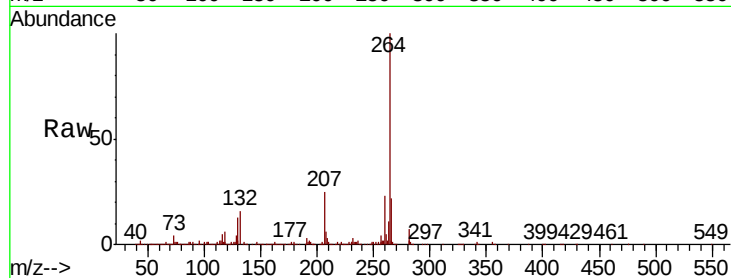
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1269601

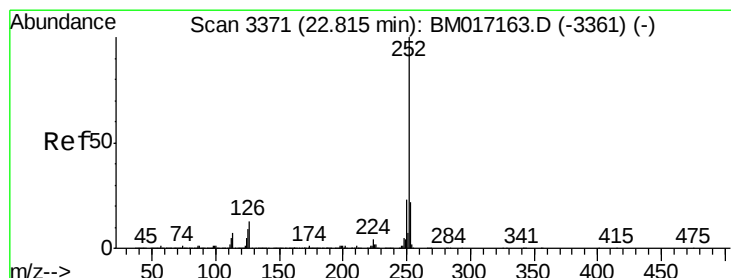
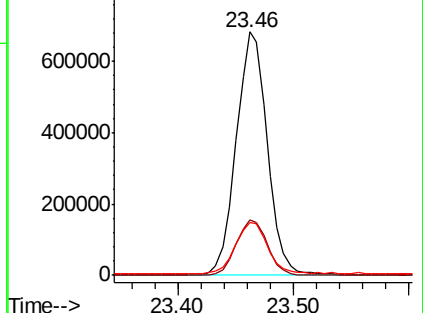
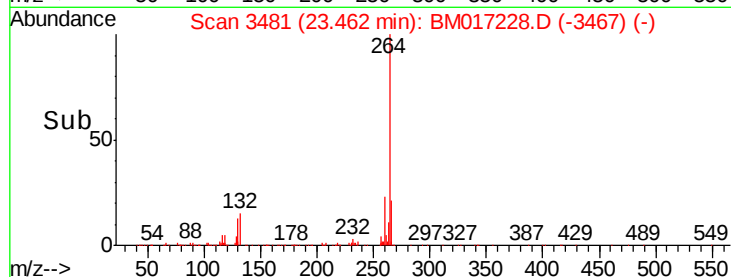
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.9	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.128 ng

RT: 22.80 min Scan# 3369

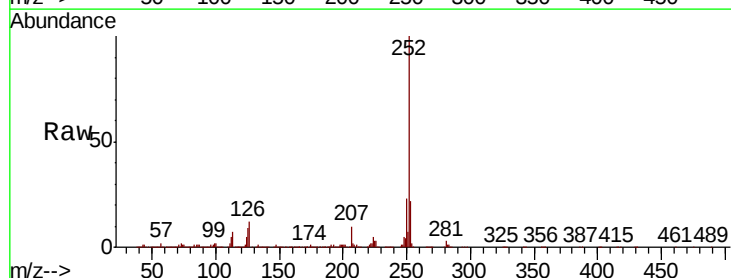
Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Tgt Ion:252 Resp: 2854826

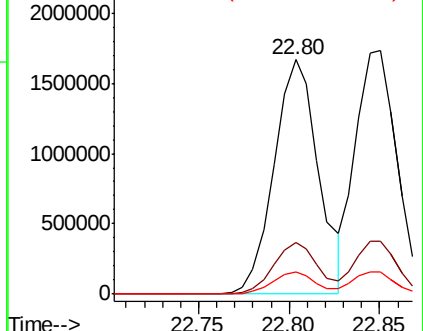
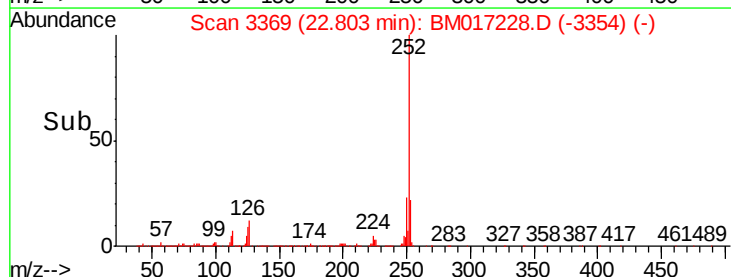
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.3	7.5	11.3

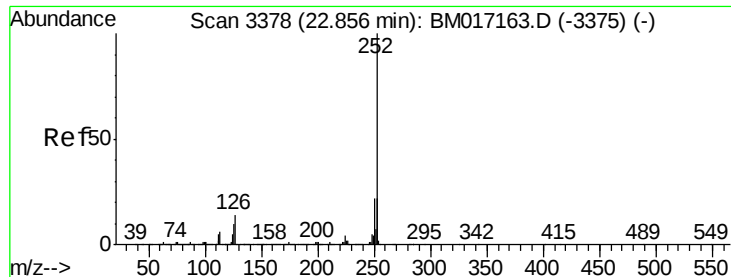


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.456 ng

RT: 22.85 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Instrument :

BNA_M

ClientSampleId :

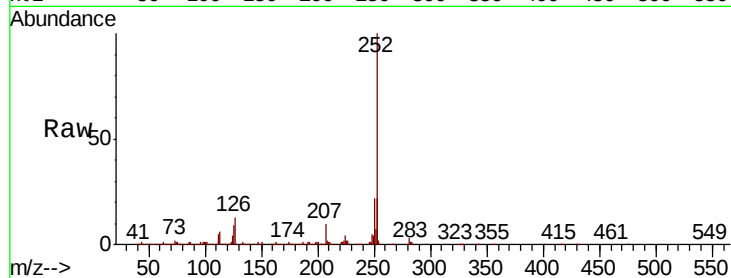
Tot Ion:252 Resp: 2748143

Ion Ratio Lower Upper

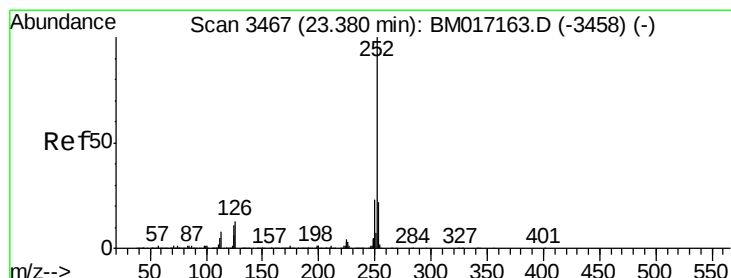
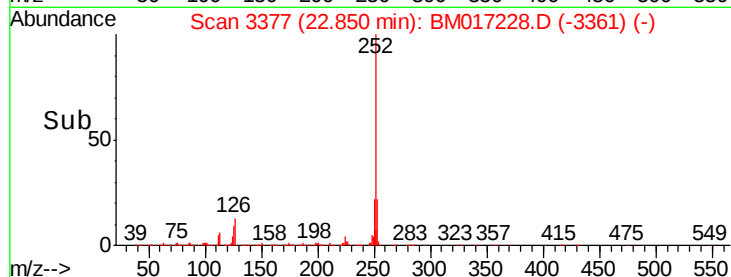
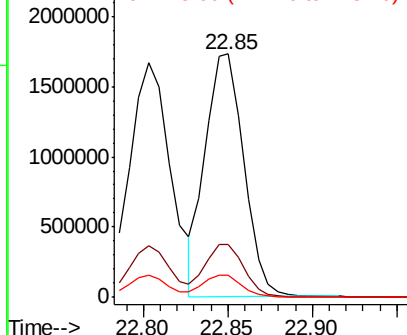
252 100

253 21.9 17.5 26.3

125 9.0 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.169 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

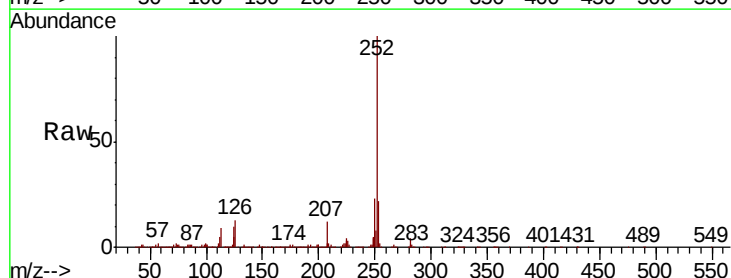
Tgt Ion:252 Resp: 2647368

Ion Ratio Lower Upper

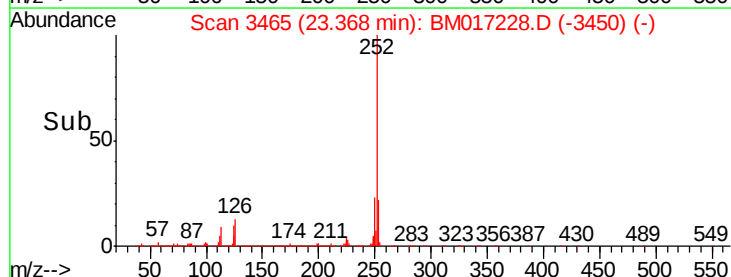
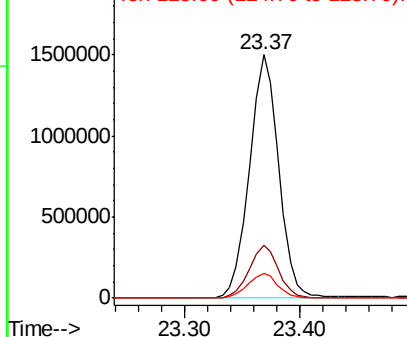
252 100

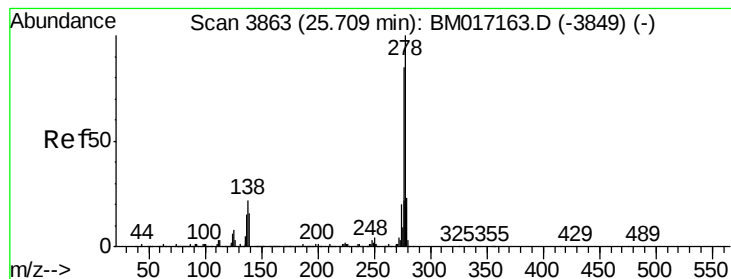
253 22.0 17.4 26.0

125 10.3 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.256 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

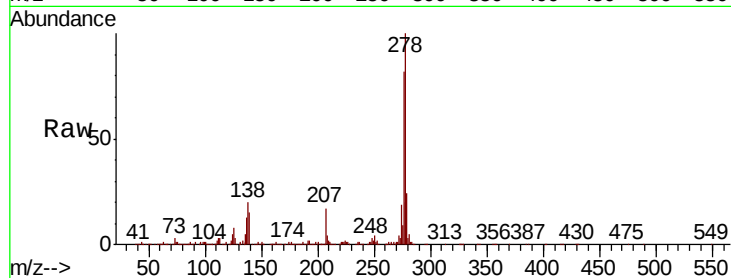
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2634427

Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.7	19.1
279	23.5	18.7	28.1

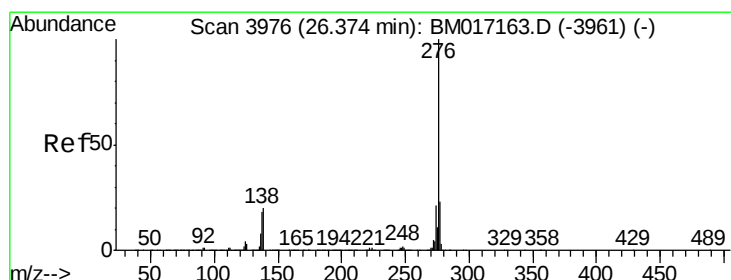
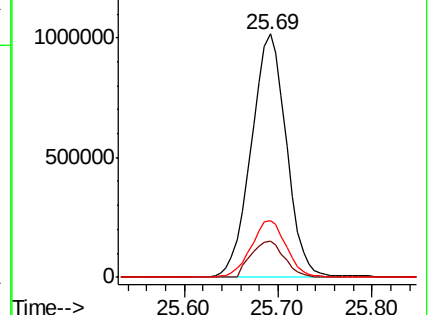
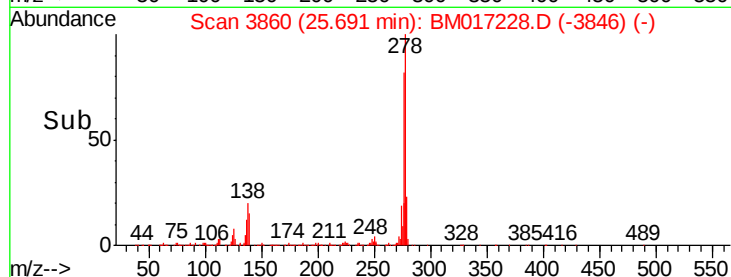


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.645 ng

RT: 26.36 min Scan# 3973

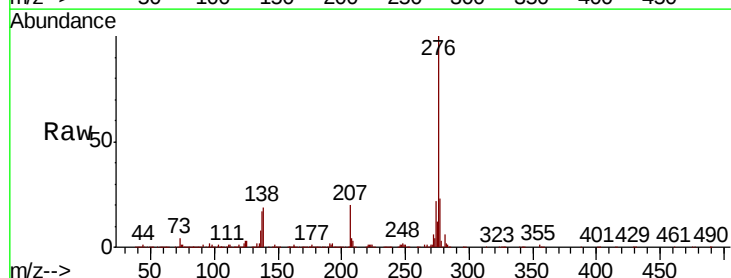
Delta R.T. -0.02 min

Lab File: BM017228.D

Acq: 19 Oct 2018 14:00

Tgt Ion:276 Resp: 2571455

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	19.4	16.4	24.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

