

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017229.D
 Acq On : 19 Oct 2018 14:38
 Operator : MJ/SJ
 Sample : PB113600BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:50:18 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	338323	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1445453	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	806868	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1583883	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1220503	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1024922	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2896300	144.79	ng	0.00
7) Phenol-d6	6.86	99	3759830	138.01	ng	0.00
23) Nitrobenzene-d5	8.82	82	2025517	81.96	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1347430	123.48	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4965271	81.88	ng	0.00
79) Terphenyl-d14	19.70	244	4119764	76.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	316058	30.942	ng	# 88
3) Pyridine	3.65	79	900604	38.319	ng	88
4) n-Nitrosodimethylamine	3.56	42	405313	42.958	ng	# 71
6) Aniline	7.01	93	1334079	39.150	ng	97
8) 2-Chlorophenol	7.24	128	1055152	45.596	ng	97
9) Benzaldehyde	6.82	77	487316	28.054	ng	96
10) Phenol	6.88	94	1288464	43.944	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	913175	39.069	ng	97
12) 1,3-Dichlorobenzene	7.56	146	1074346	39.825	ng	97
13) 1,4-Dichlorobenzene	7.70	146	1100247	39.920	ng	98
14) 1,2-Dichlorobenzene	8.02	146	1047568	39.449	ng	98
15) Benzyl Alcohol	7.92	79	910184	45.707	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1246909	38.185	ng	100
17) 2-Methylphenol	8.11	107	867249	46.082	ng	97
18) Hexachloroethane	8.73	117	390826	41.435	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	742729	41.404	ng	98
20) 3+4-Methylphenols	8.44	107	1166681	45.325	ng	99
22) Acetophenone	8.49	105	1495904	40.827	ng	# 99
24) Nitrobenzene	8.86	77	1100687	42.103	ng	95
25) Isophorone	9.39	82	1960593	48.041	ng	98
26) 2-Nitrophenol	9.57	139	538871	44.513	ng	96
27) 2,4-Dimethylphenol	9.63	122	961520	53.282	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1267544	44.127	ng	99
29) 2,4-Dichlorophenol	10.10	162	989373	47.220	ng	100
30) 1,2,4-Trichlorobenzene	10.31	180	1010747	40.213	ng	99
31) Naphthalene	10.49	128	3068719	43.322	ng	100
32) Benzoic acid	9.79	122	590043	43.822	ng	91
33) 4-Chloroaniline	10.61	127	627024	20.495	ng	97
34) Hexachlorobutadiene	10.77	225	627857	39.424	ng	99
35) Caprolactam	11.41	113	143229	18.757	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	1021273	43.242	ng	98
37) 2-Methylnaphthalene	12.11	142	2283465	47.108	ng	99
38) 1-Methylnaphthalene	12.33	142	2141735	45.397	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1190773	41.906	ng	# 99

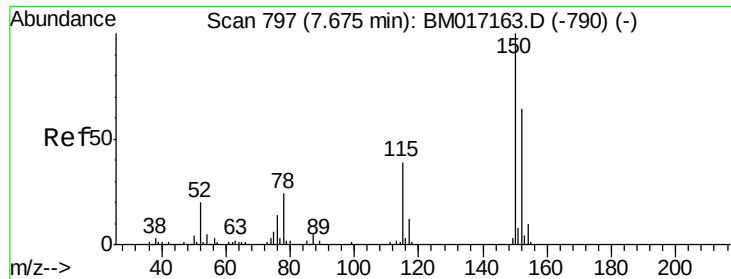
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017229.D
 Acq On : 19 Oct 2018 14:38
 Operator : MJ/SJ
 Sample : PB113600BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:50:18 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)
41) Hexachlorocyclopentadiene	12.46	237	1738230	126.538	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	770863	46.733	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	814748	46.062	ng	97
46) 1,1'-Biphenyl	13.14	154	2882035	39.692	ng	100
47) 2-Chloronaphthalene	13.18	162	2214338	41.454	ng	100
48) 2-Nitroaniline	13.39	65	615570	41.644	ng	99
49) Acenaphthylene	14.03	152	3502394	45.235	ng	99
50) Dimethylphthalate	13.78	163	2585938	41.541	ng	99
51) 2,6-Dinitrotoluene	13.90	165	567603	41.428	ng	98
52) Acenaphthene	14.37	154	2048153	42.130	ng	98
53) 3-Nitroaniline	14.23	138	366628	24.707	ng	97
54) 2,4-Dinitrophenol	14.43	184	595007	74.641	ng	97
55) Dibenzofuran	14.71	168	3206411	39.661	ng	98
56) 4-Nitrophenol	14.55	139	926392	69.178	ng	98
57) 2,4-Dinitrotoluene	14.69	165	749836	40.719	ng	95
58) Fluorene	15.36	166	2536980	42.396	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	704603	43.701	ng	98
60) Diethylphthalate	15.15	149	2488721	40.313	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1313101	38.491	ng	96
62) 4-Nitroaniline	15.40	138	541024	34.189	ng	98
63) Azobenzene	15.66	77	2425497	40.422	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	408040	41.268	ng	98
66) n-Nitrosodiphenylamine	15.58	169	2185184	45.601	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	797970	45.884	ng	95
68) Hexachlorobenzene	16.36	284	858304	42.487	ng	97
69) Atrazine	16.54	200	737600	43.007	ng	98
70) Pentachlorophenol	16.71	266	969333	70.045	ng	99
71) Phenanthrene	17.10	178	3699192	43.288	ng	99
72) Anthracene	17.19	178	3751839	46.206	ng	100
73) Carbazole	17.47	167	3110406	37.500	ng	99
74) Di-n-butylphthalate	18.04	149	3616060	41.335	ng	99
75) Fluoranthene	19.12	202	3719750	38.683	ng	99
77) Benzidine	19.32	184	1811530	58.535	ng	99
78) Pyrene	19.49	202	3708639	54.367	ng	100
80) Butylbenzylphthalate	20.40	149	1309749	50.090	ng	93
81) Benzo(a)anthracene	21.24	228	3114499	45.346	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	718292	28.060	ng	99
83) Chrysene	21.29	228	2947725	43.360	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1784744	45.277	ng	99
85) Di-n-octyl phthalate	22.05	149	2745143	41.636	ng	99
86) Indeno(1,2,3-cd)pyrene	25.68	276	2690360	35.382	ng	99
88) Benzo(b)fluoranthene	22.80	252	2759299	49.241	ng	100
89) Benzo(k)fluoranthene	22.85	252	2542039	45.209	ng	99
90) Benzo(a)pyrene	23.37	252	2492409	46.846	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2290819	43.362	ng	99
92) Benzo(g,h,i)perylene	26.35	276	2263116	43.221	ng	99

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

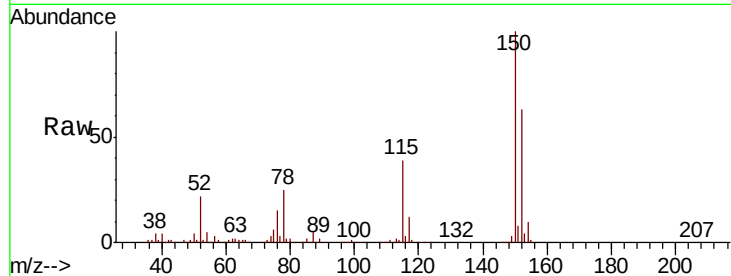


#1

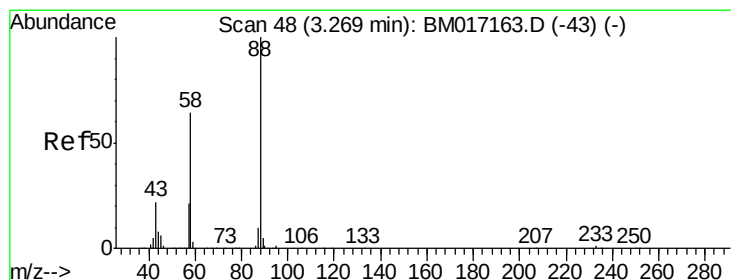
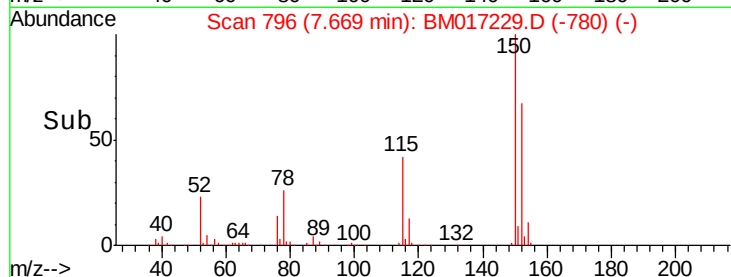
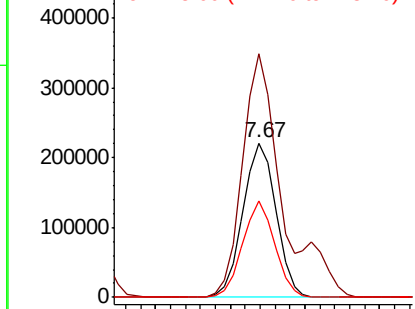
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.3	186.5
115	62.1	48.1	72.1



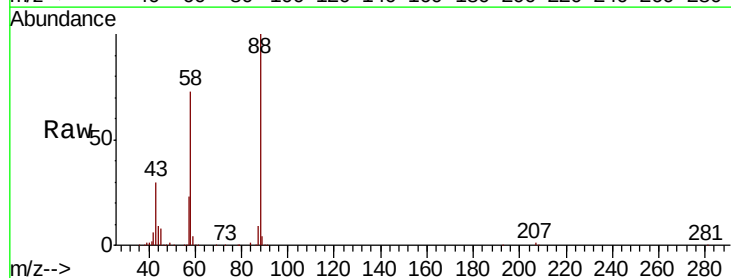
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



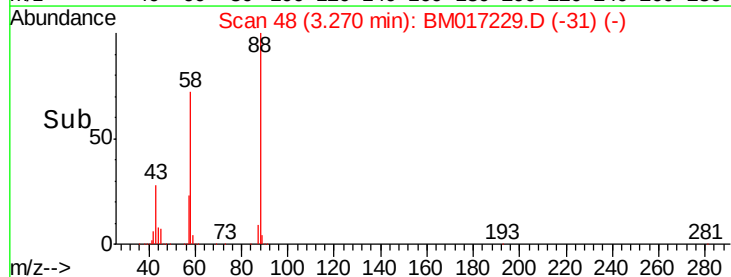
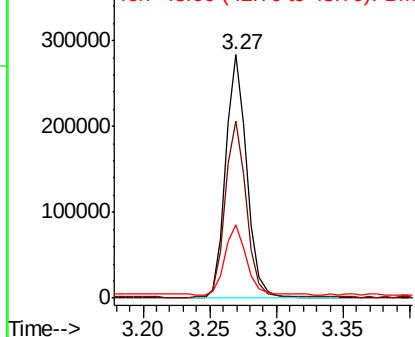
#2

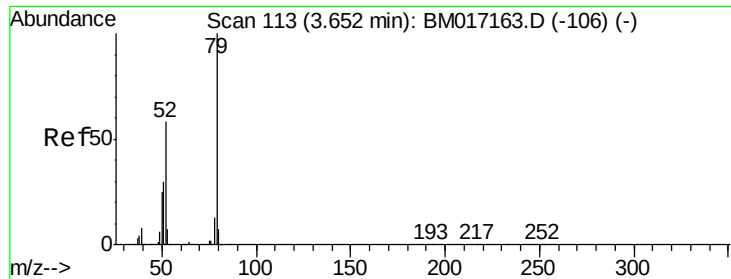
1,4-Dioxane
Concen: 30.942 ng
RT: 3.27 min Scan# 48
Delta R.T. 0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	50.2	75.4
43	29.0	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: 38.319 ng

RT: 3.65 min Scan# 113

Delta R.T. 0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

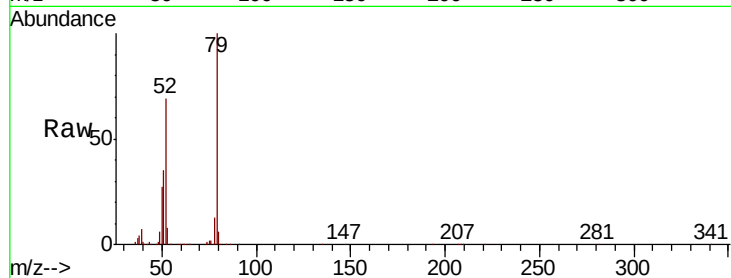
Tot Ion: 79 Resp: 900604

Ion Ratio Lower Upper

79 100

52 69.1 46.5 69.7

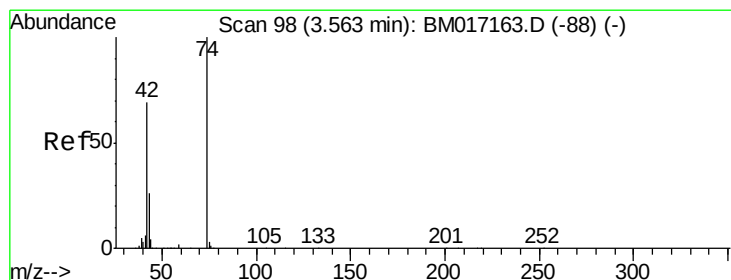
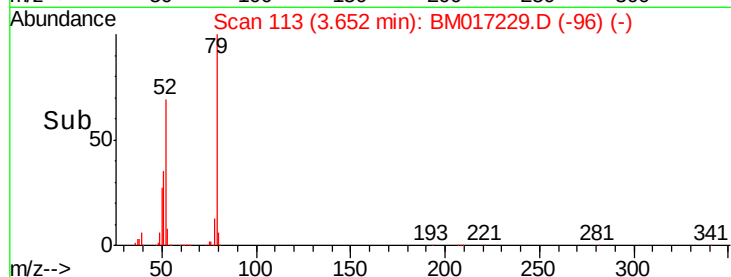
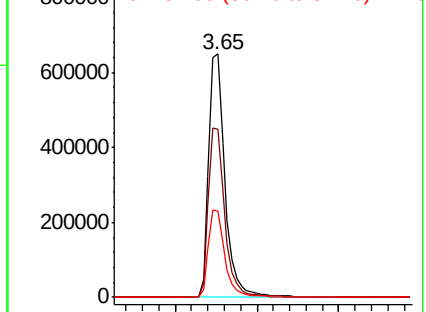
51 35.1 24.6 37.0



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: 42.958 ng

RT: 3.56 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

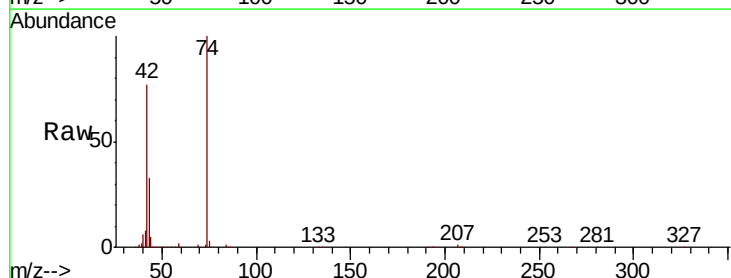
Tgt Ion: 42 Resp: 405313

Ion Ratio Lower Upper

42 100

74 129.7 114.4 171.6

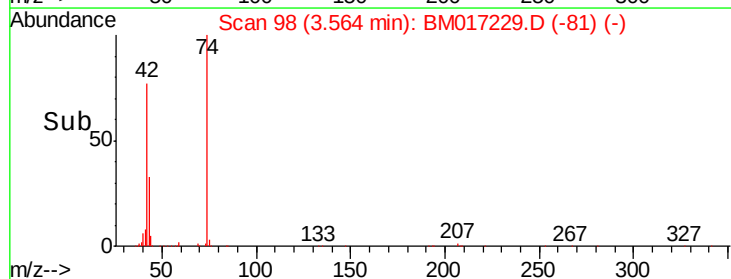
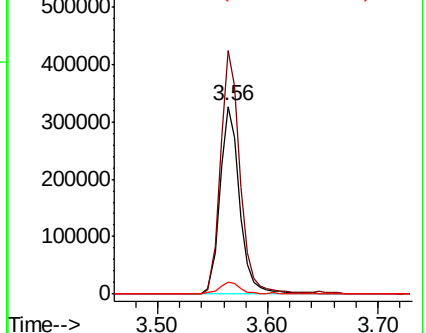
44 6.6 48.6 73.0#

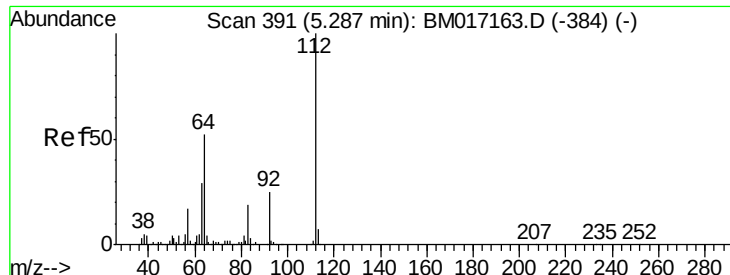


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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: 144.791 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampled :

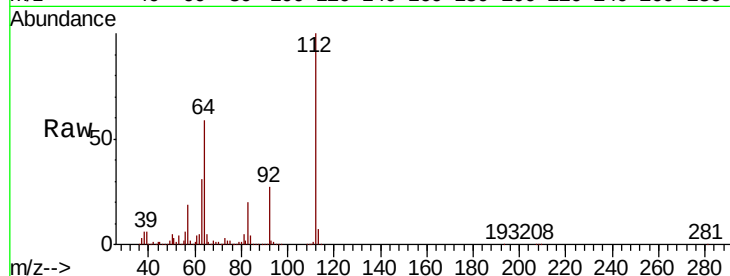
Tot Ion:112 Resp: 2896300

Ion Ratio Lower Upper

112 100

64 58.5 41.7 62.5

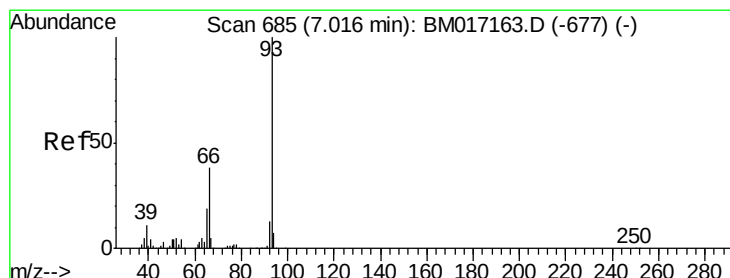
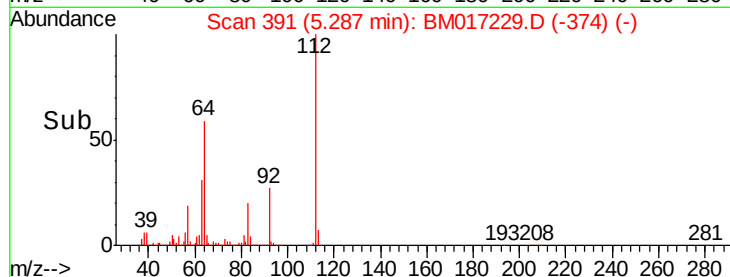
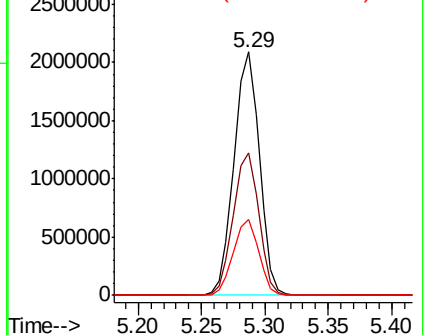
63 31.1 23.0 34.4



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: 39.150 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

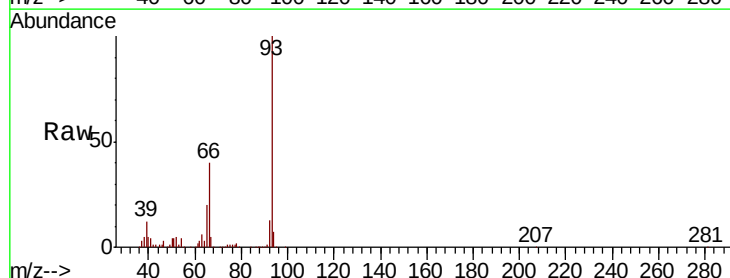
Tgt Ion: 93 Resp: 1334079

Ion Ratio Lower Upper

93 100

66 39.8 30.4 45.6

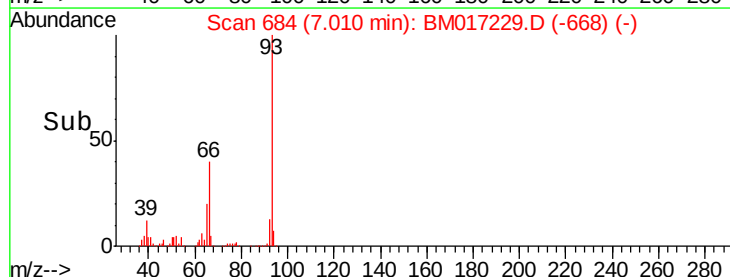
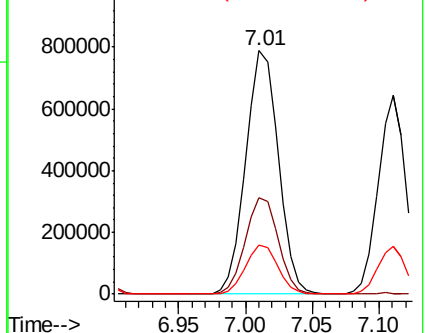
65 20.1 15.3 22.9

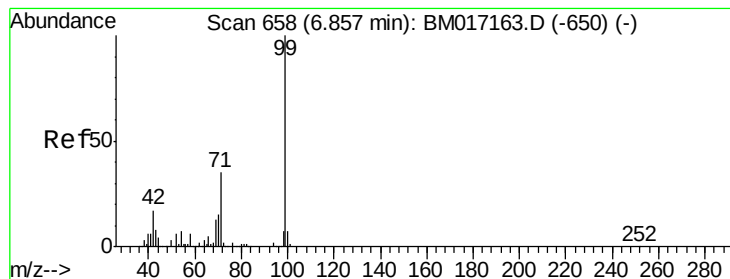


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 138.009 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

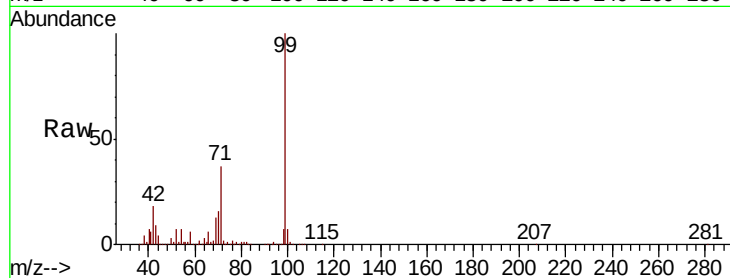
Tot Ion: 99 Resp: 3759830

Ion Ratio Lower Upper

99 100

42 17.8 13.3 19.9

71 36.6 28.0 42.0

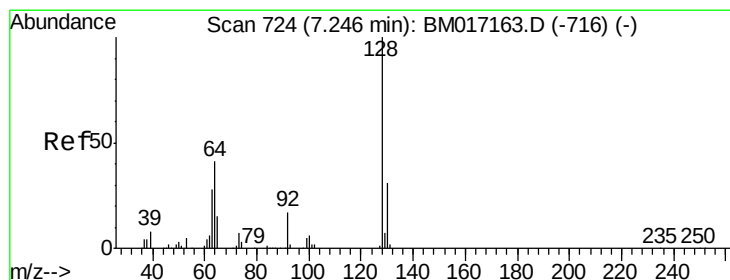
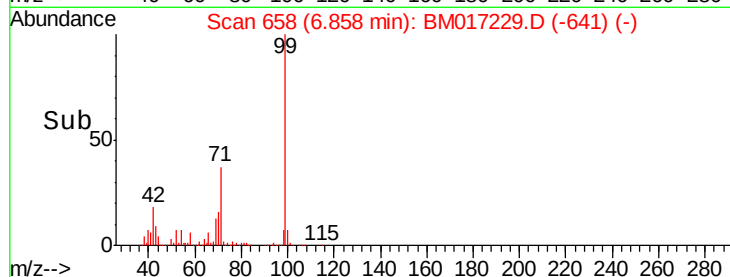
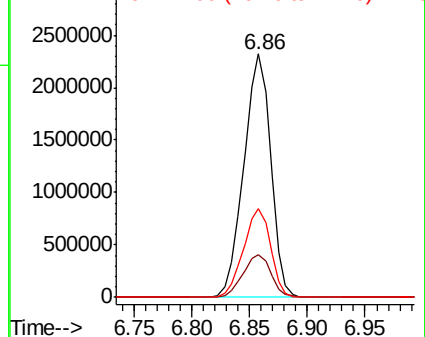


Abundance

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: 45.596 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

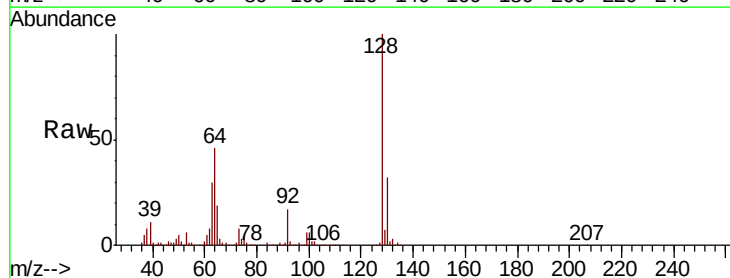
Tgt Ion:128 Resp: 1055152

Ion Ratio Lower Upper

128 100

130 31.9 11.0 51.0

64 46.1 24.1 64.1

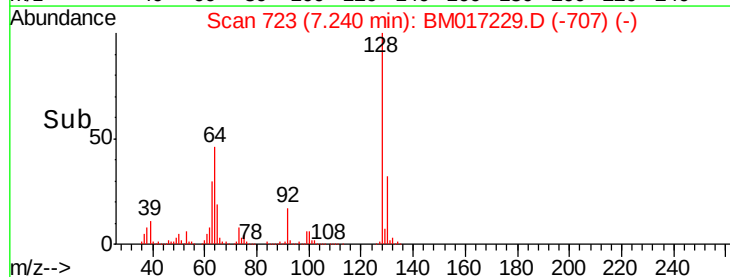
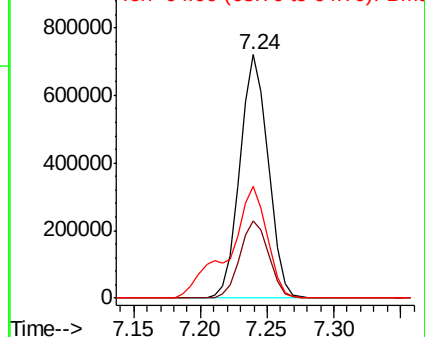


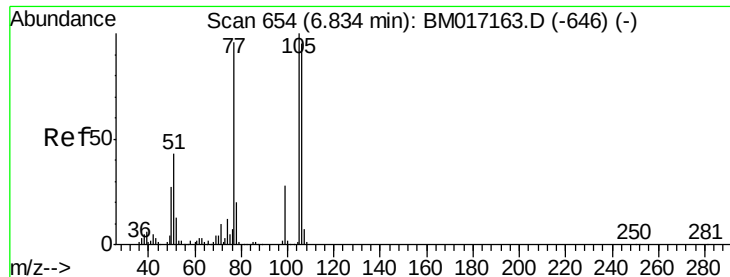
Abundance

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: 28.054 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

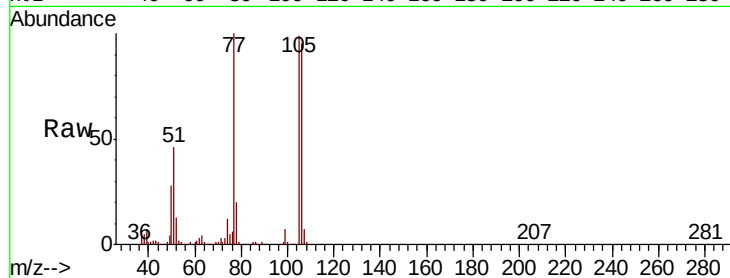
Tot Ion: 77 Resp: 487316

Ion Ratio Lower Upper

77 100

105 99.2 83.9 123.9

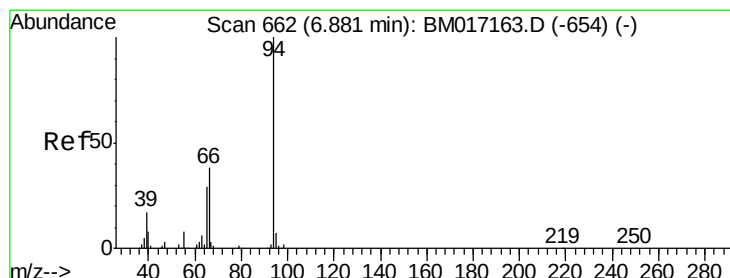
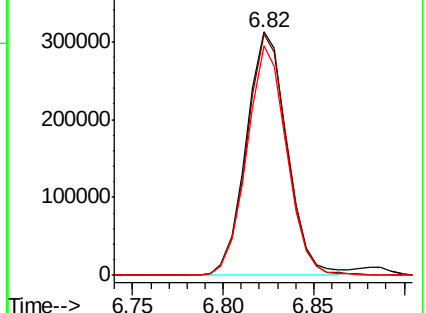
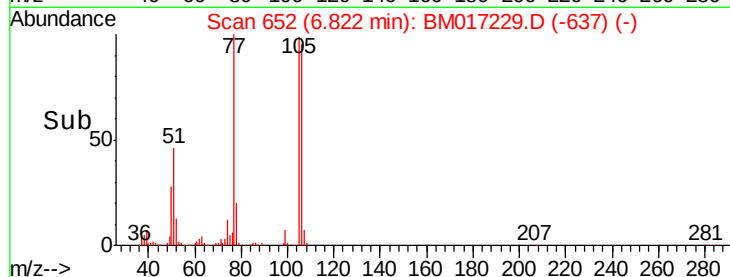
106 94.5 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-646) (-)

Ion 105.00 (104.70 to 105.70): BM017163.D (-646) (-)

Ion 106.00 (105.70 to 106.70): BM017163.D (-646) (-)



#10

Phenol

Concen: 43.944 ng

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

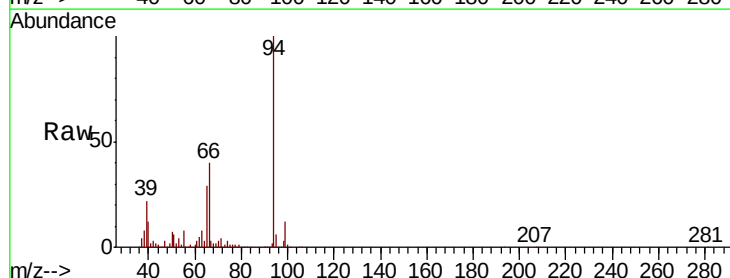
Tgt Ion: 94 Resp: 1288464

Ion Ratio Lower Upper

94 100

65 29.1 9.4 49.4

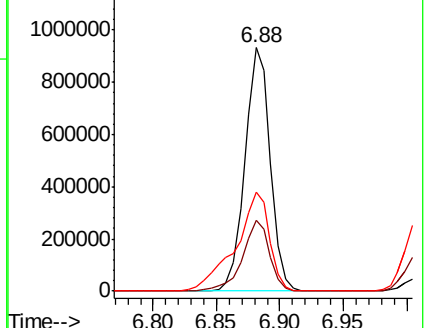
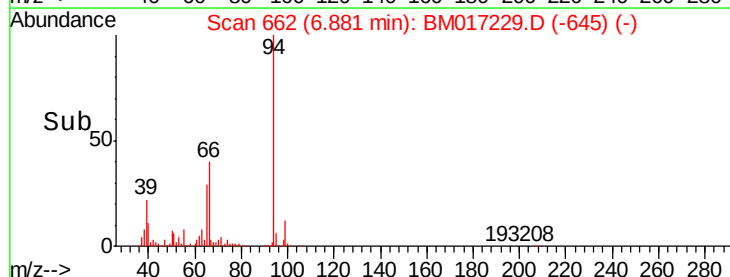
66 40.5 19.0 59.0

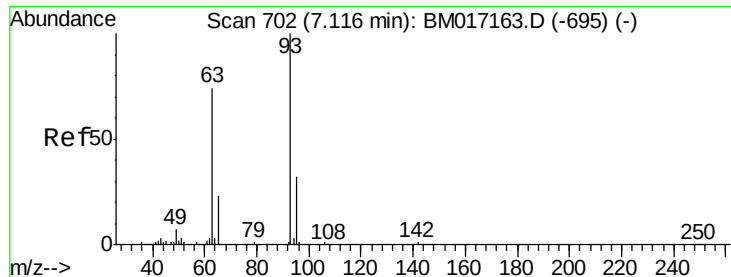


Abundance Ion 94.00 (93.70 to 94.70): BM017163.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BM017163.D (-654) (-)



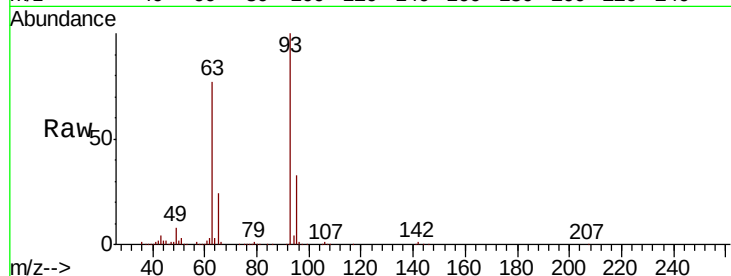


#11

bis(2-Chloroethyl)ether
Concen: 39.069 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.8	54.0	94.0
95	32.8	11.8	51.8

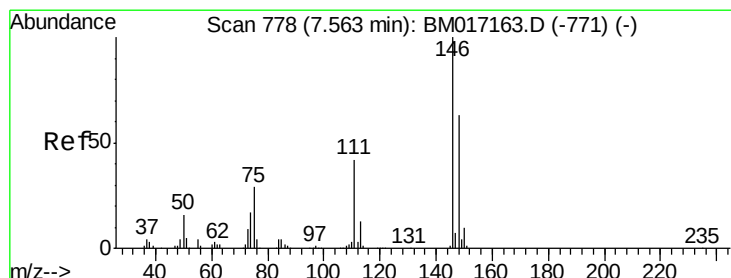
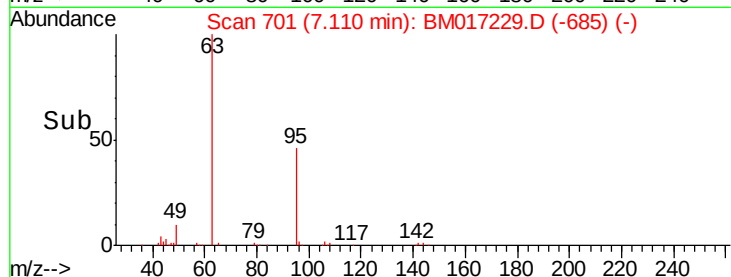
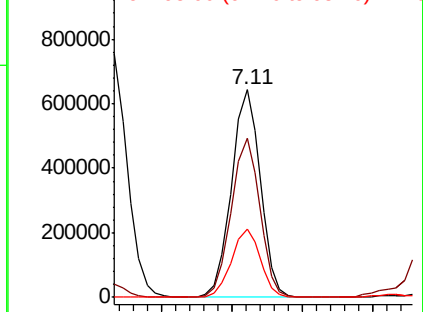


Abundance

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

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

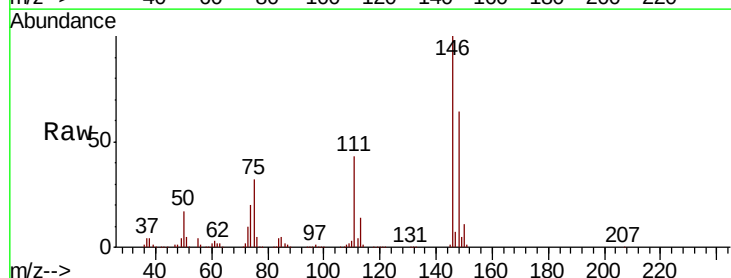
Ion 95.00 (94.70 to 95.70): BM017163.D (-695) (-)



#12

1,3-Dichlorobenzene
Concen: 39.825 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.4
75	32.2	23.3	34.9

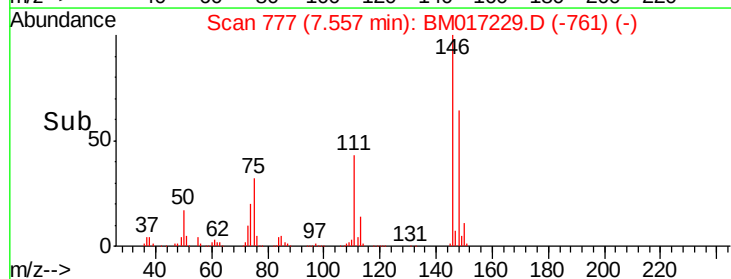
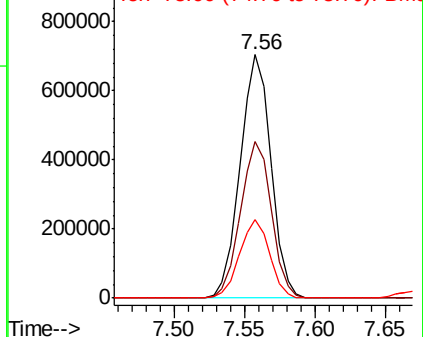


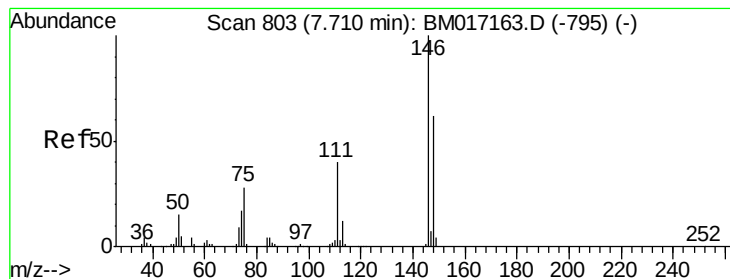
Abundance

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: 39.920 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

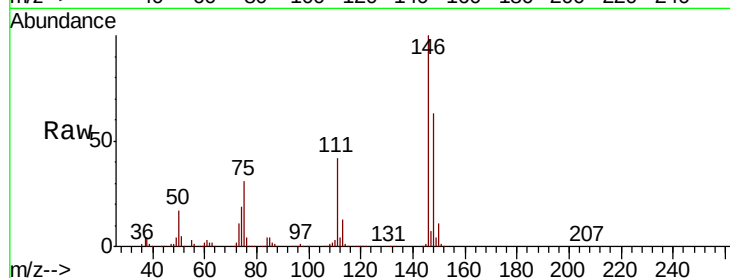
Instrument :

BNA_M

ClientSampled :

Tot Ion:146 Resp: 1100247

Ion	Ratio	Lower	Upper
146	100		
148	63.2	49.8	74.6
111	41.7	32.1	48.1

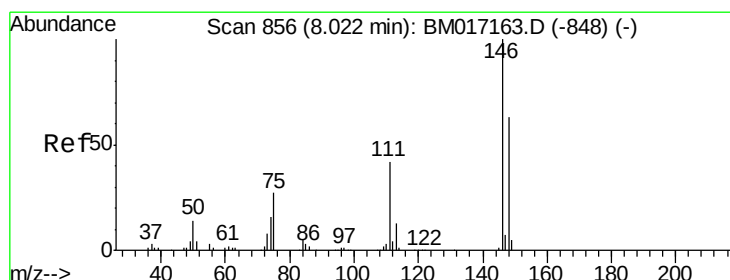
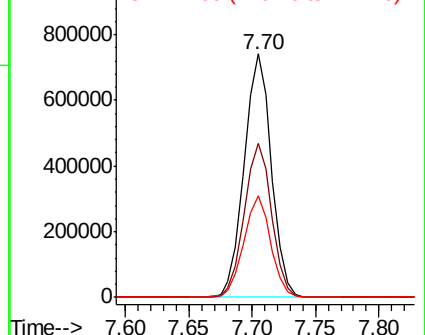
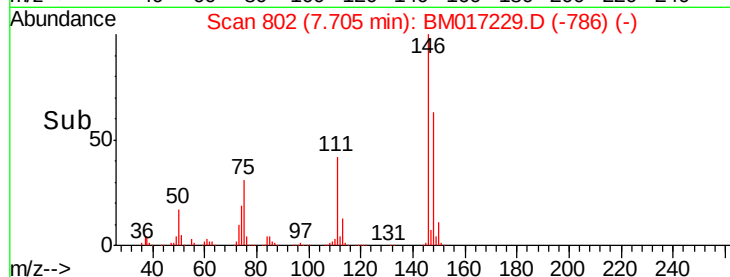


Abundance

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: 39.449 ng

RT: 8.02 min Scan# 855

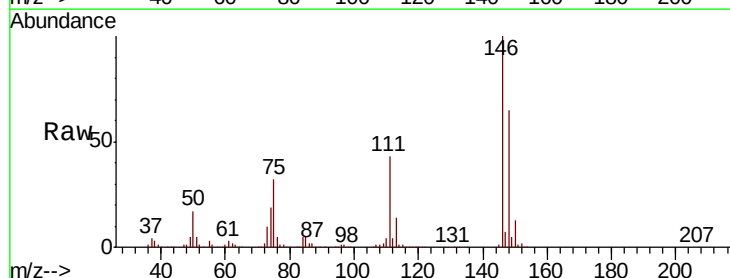
Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:146 Resp: 1047568

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	43.4	33.8	50.6

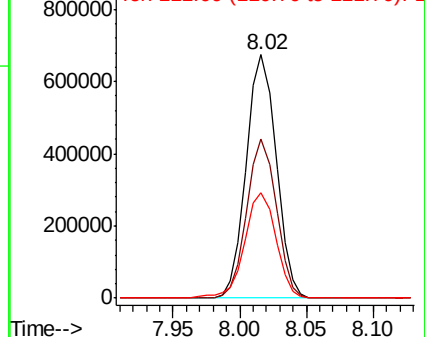
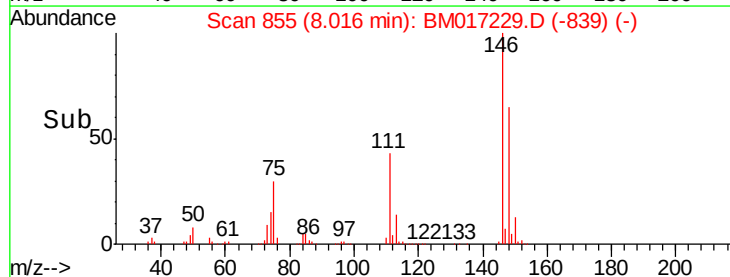


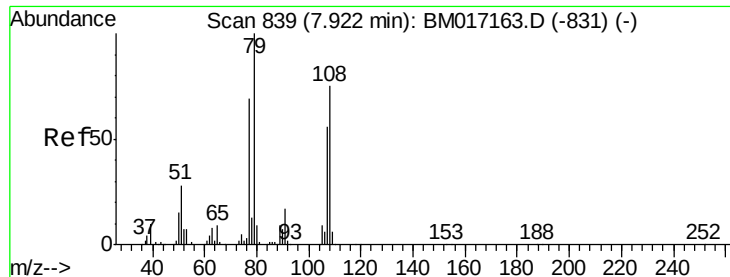
Abundance

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: 45.707 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

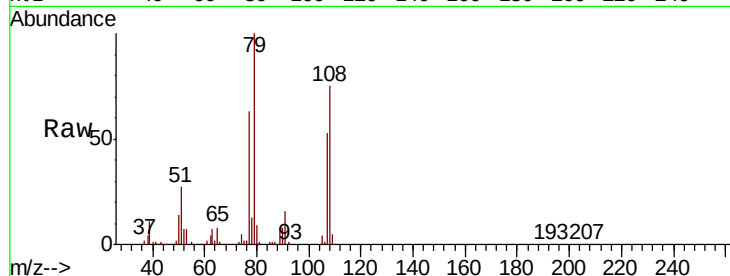
Tot Ion: 79 Resp: 910184

Ion Ratio Lower Upper

79 100

108 75.1 60.3 90.5

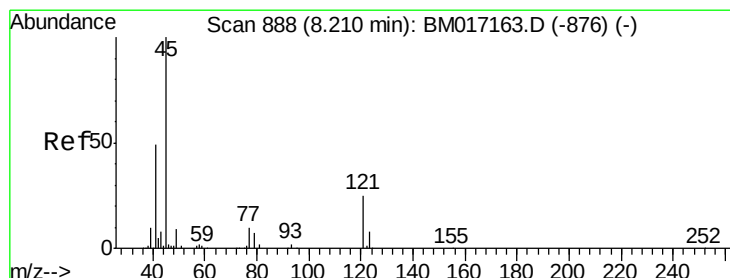
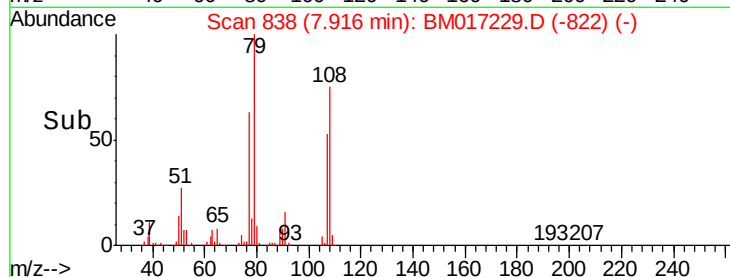
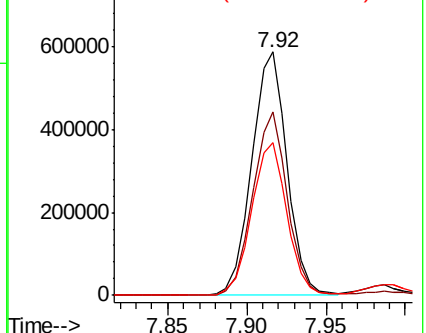
77 63.0 54.8 82.2



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: 38.185 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

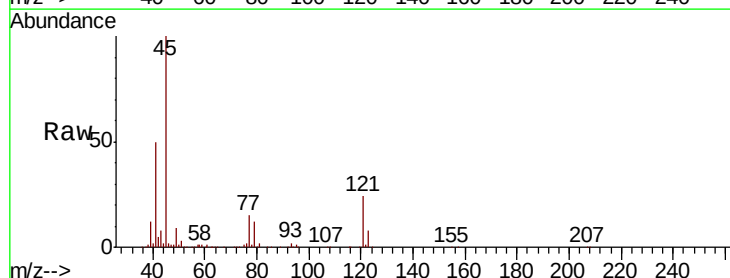
Tgt Ion: 45 Resp: 1246909

Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.5

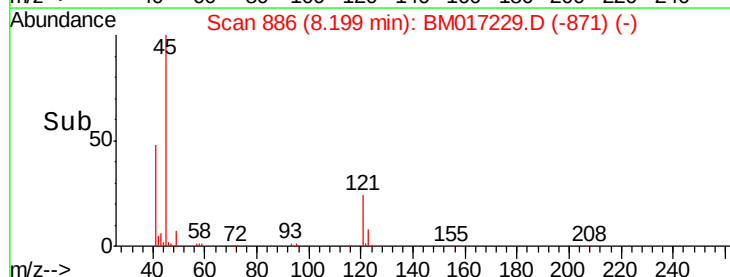
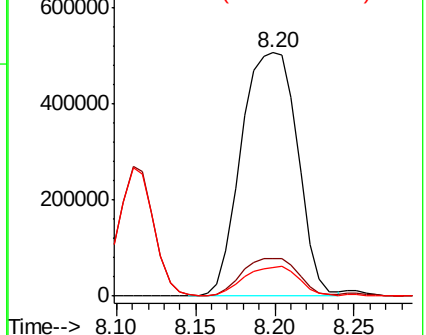
79 12.0 0.0 32.1

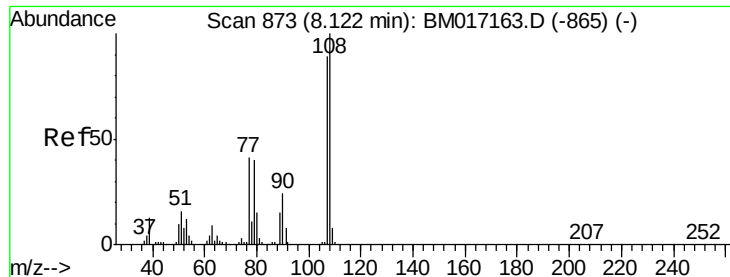


Abundance Ion 45.00 (44.70 to 45.70): BM017163.D (-876) (-)

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: 46.082 ng

RT: 8.11 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 867249

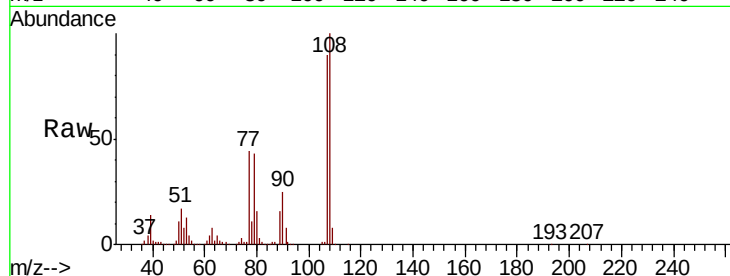
Ion Ratio Lower Upper

107 100

108 111.3 90.3 135.5

77 48.9 37.0 55.4

79 48.4 35.8 53.6

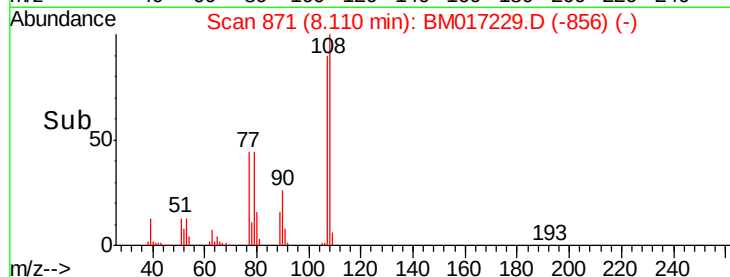


Abundance Ion 107.00 (106.70 to 107.70): E

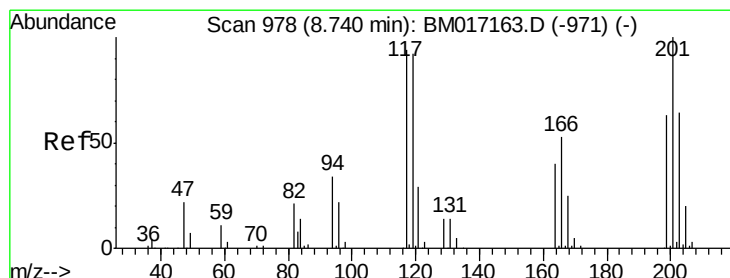
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



Time-->



#18

Hexachloroethane

Concen: 41.435 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

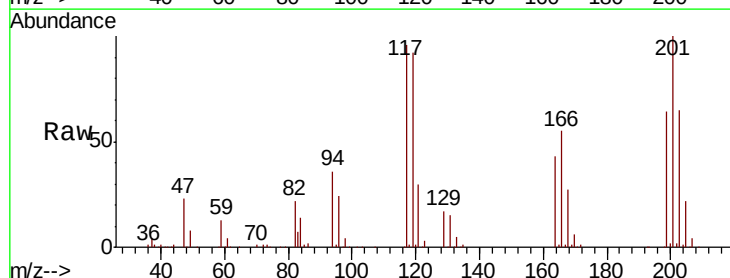
Tgt Ion:117 Resp: 390826

Ion Ratio Lower Upper

117 100

119 95.9 78.2 117.2

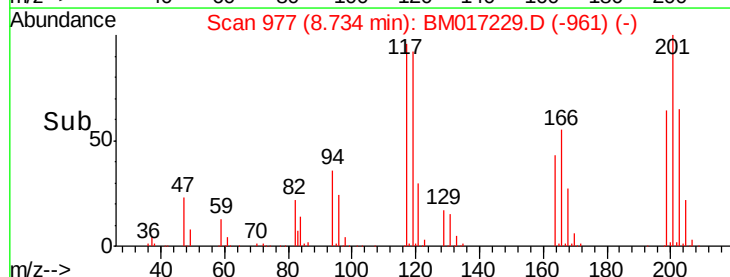
201 103.7 85.3 127.9



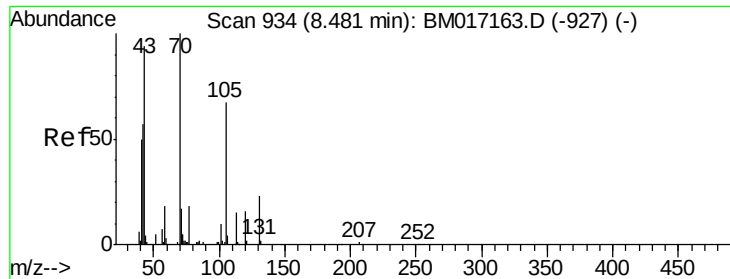
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



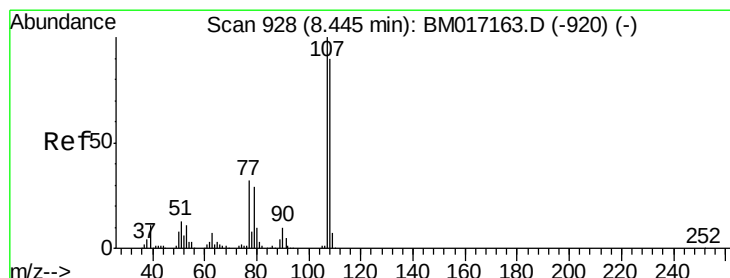
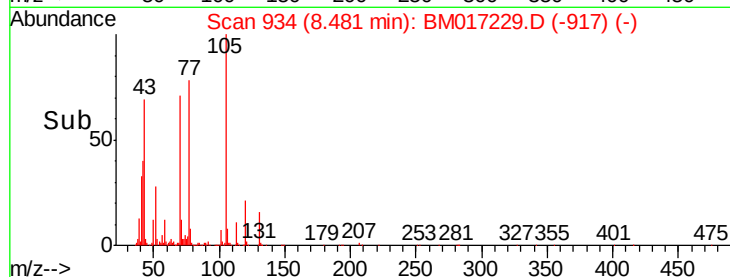
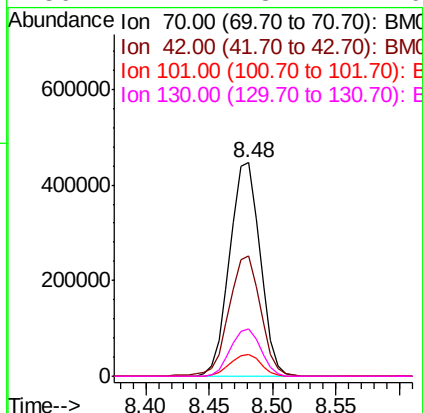
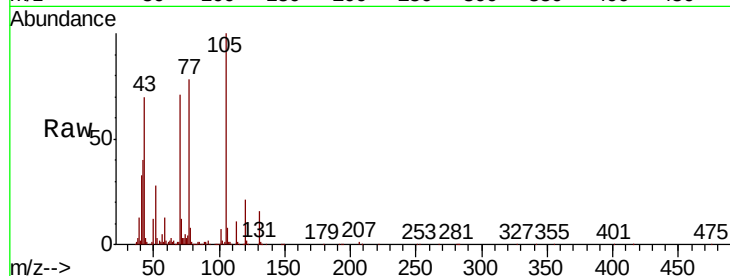
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 41.404 ng
RT: 8.48 min Scan# 934
Delta R.T. 0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

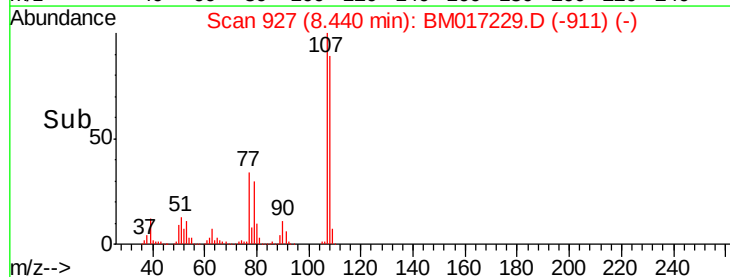
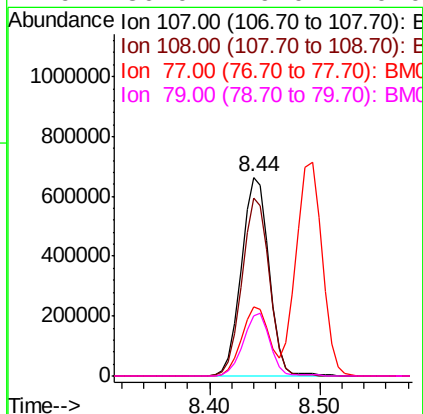
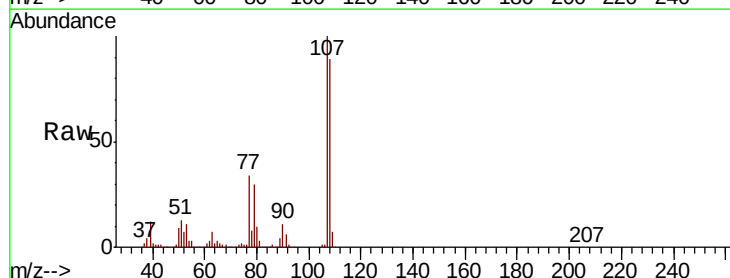
Instrument :
BNA_M
ClientSampleId :

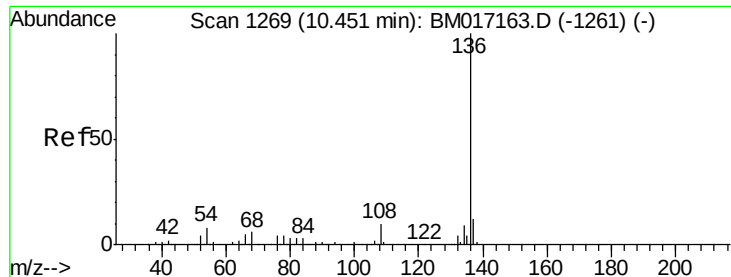
Tot Ion:	70	Resp:	742729
Ion	Ratio	Lower	Upper
70	100		
42	56.2	46.1	69.1
101	10.2	8.2	12.4
130	22.4	18.4	27.6



#20
3+4-Methylphenols
Concen: 45.325 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:	107	Resp:	1166681
Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.9	109.9
77	34.5	12.2	52.2
79	30.0	9.0	49.0

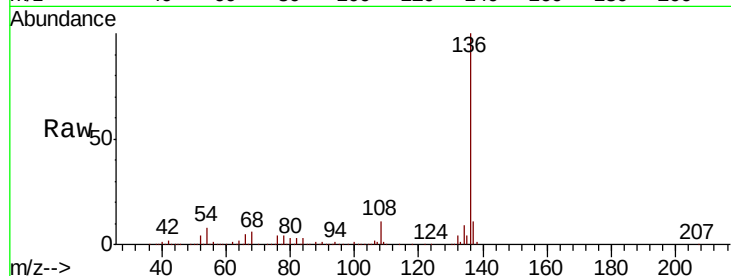




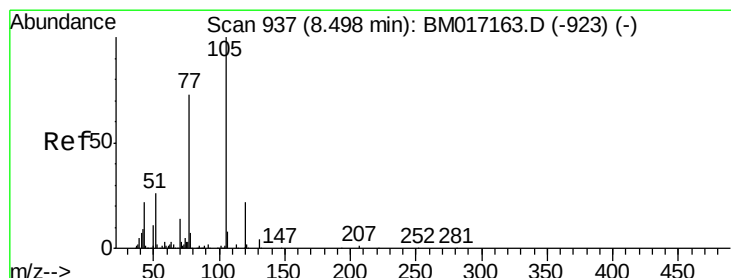
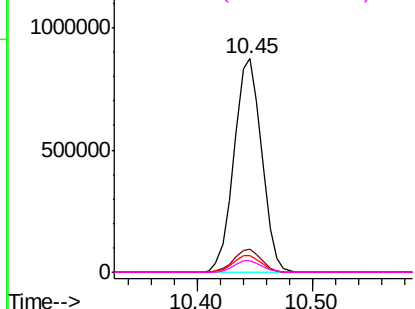
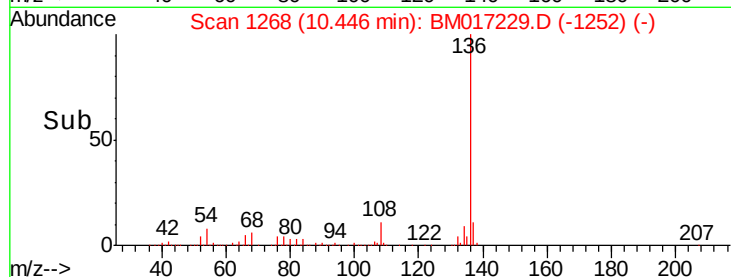
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1445453
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.8 6.7 10.1
68 5.6 4.7 7.1

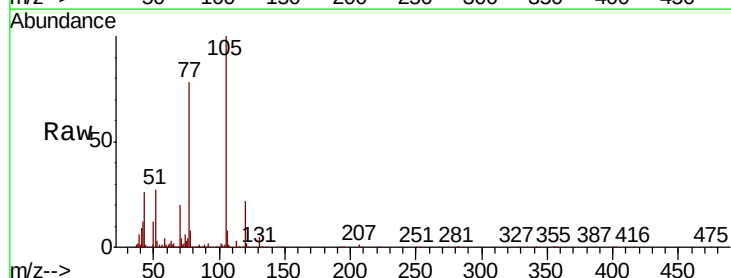


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

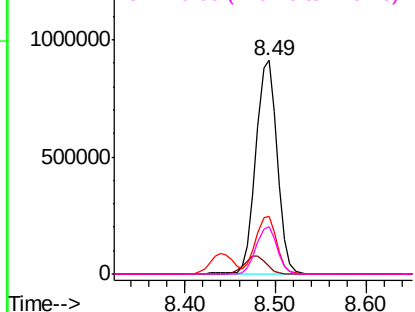
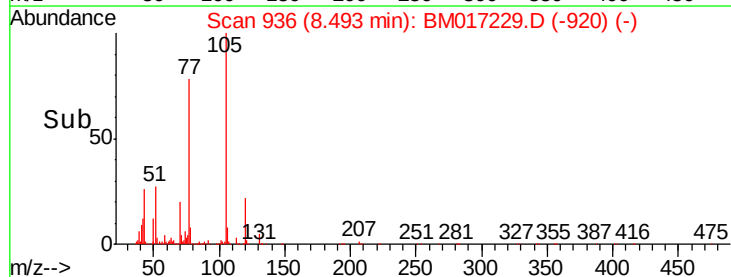


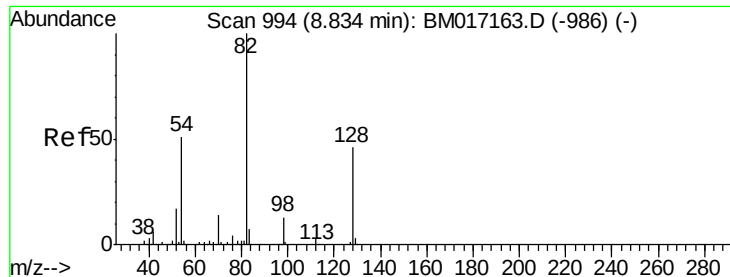
#22
Acetophenone
Concen: 40.827 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:105 Resp: 1495904
Ion Ratio Lower Upper
105 100
71 3.5 2.0 3.0#
51 26.9 20.6 31.0
120 22.0 17.5 26.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E



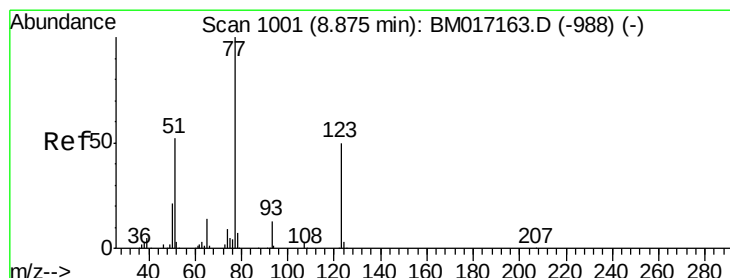
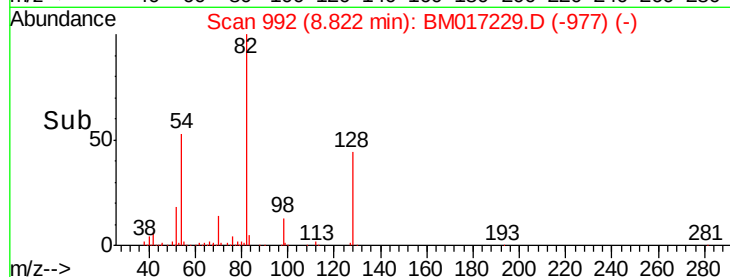
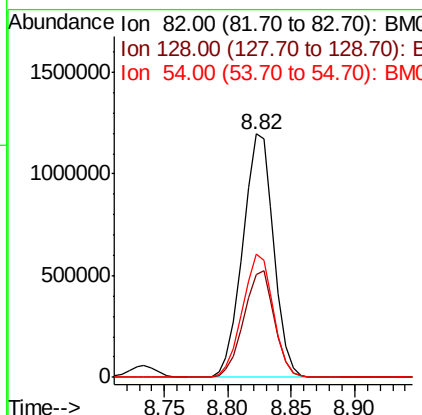
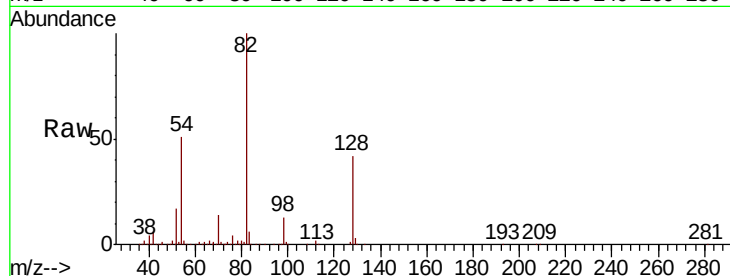


#23
 Nitrobenzene-d5
 Concen: 81.956 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 2025517

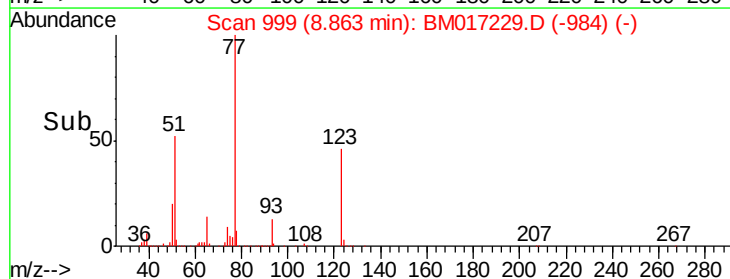
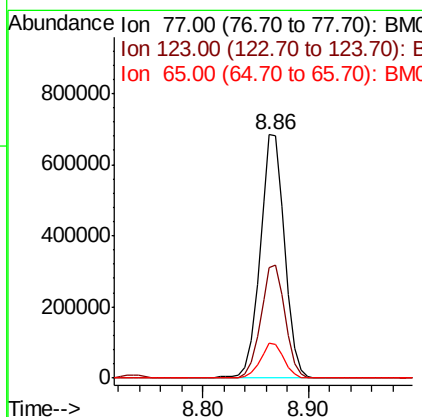
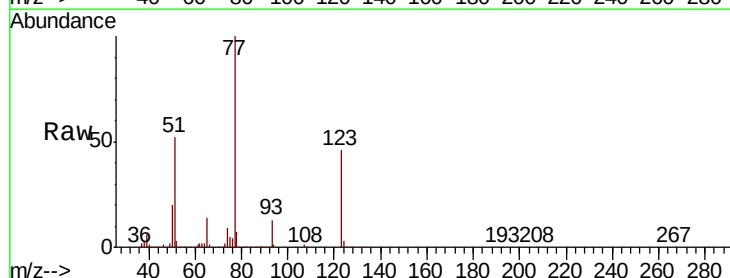
Ion	Ratio	Lower	Upper
82	100		
128	42.2	37.0	55.6
54	50.5	40.7	61.1

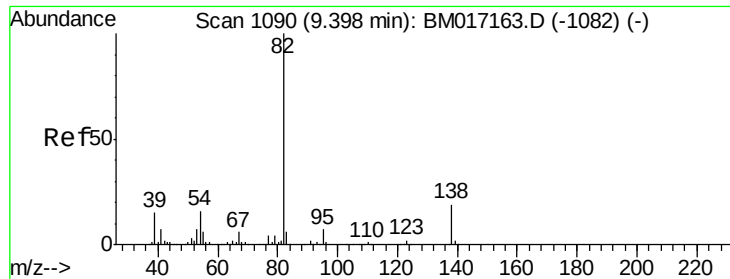


#24
 Nitrobenzene
 Concen: 42.103 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion: 77 Resp: 1100687

Ion	Ratio	Lower	Upper
77	100		
123	45.6	40.2	60.4
65	14.1	11.4	17.0





#25

Isophorone

Concen: 48.041 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

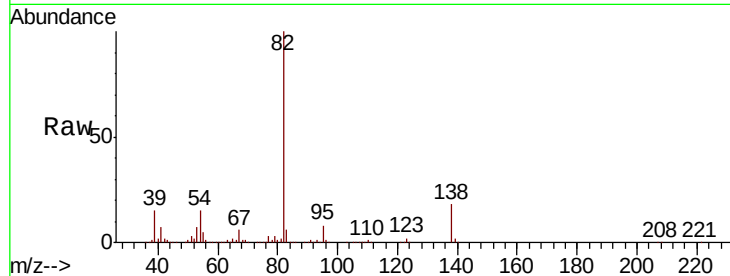
Tot Ion: 82 Resp: 1960593

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

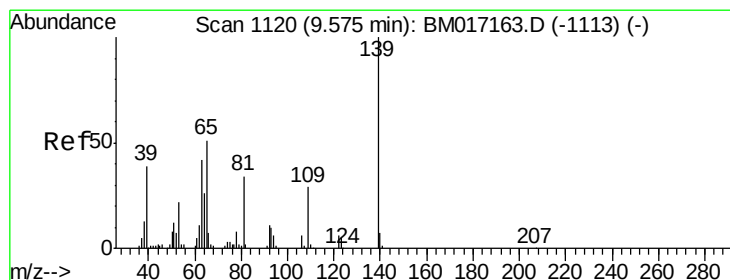
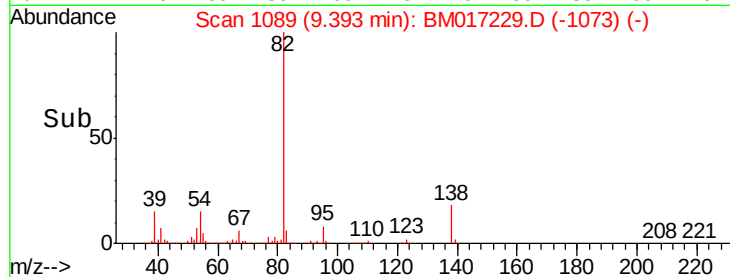
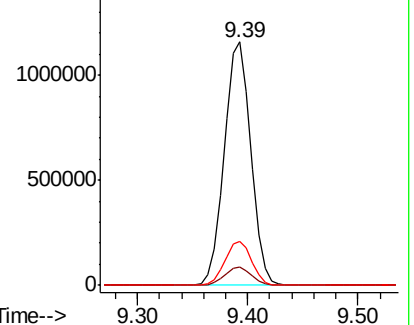
138 18.2 15.4 23.2



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)

Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)

Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)



#26

2-Nitrophenol

Concen: 44.513 ng

RT: 9.57 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

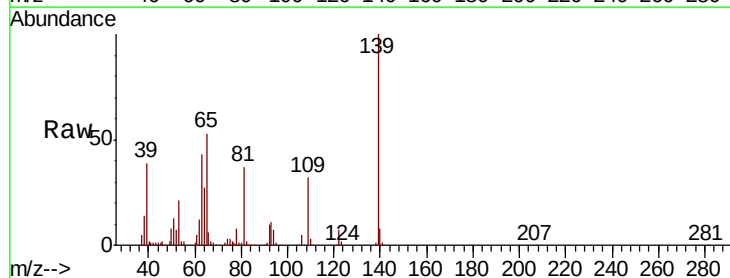
Tgt Ion: 139 Resp: 538871

Ion Ratio Lower Upper

139 100

109 31.8 23.2 34.8

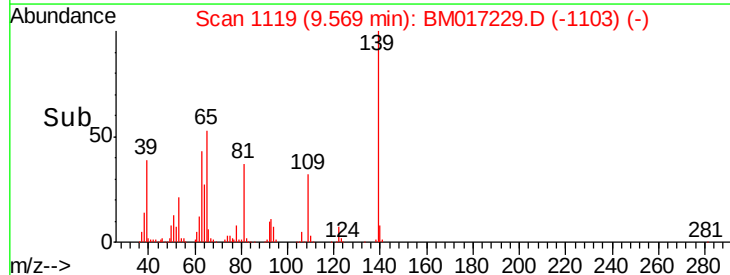
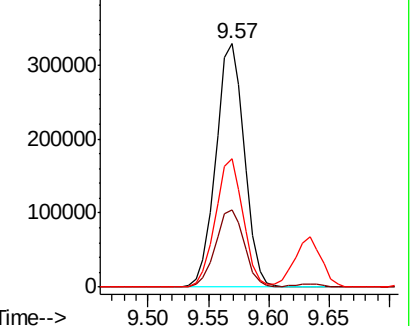
65 52.8 40.6 61.0

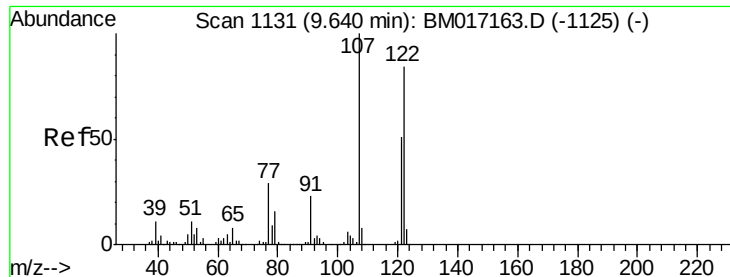


Abundance Ion 139.00 (138.70 to 139.70): BM017163.D (-1113) (-)

Ion 109.00 (108.70 to 109.70): BM017163.D (-1113) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-1113) (-)

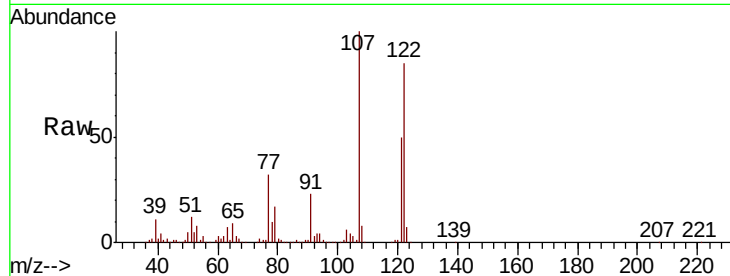




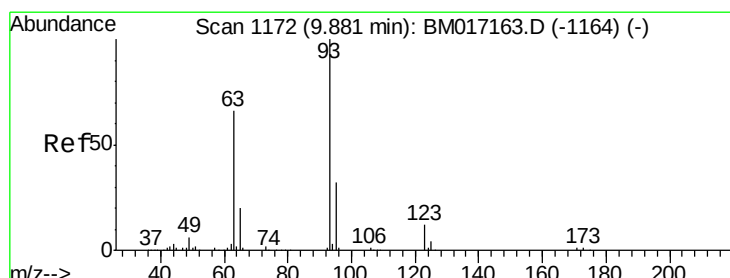
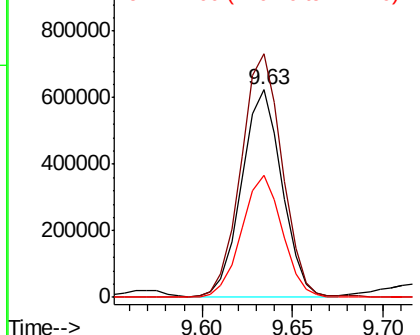
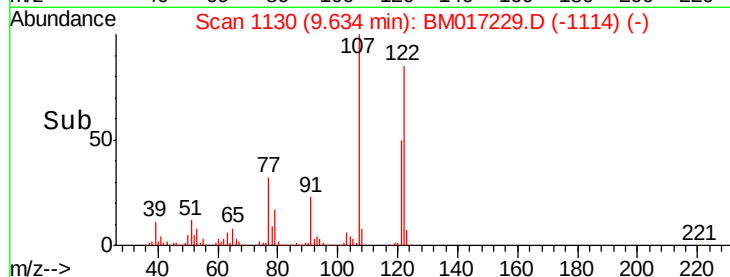
#27
 2,4-Dimethylphenol
 Concen: 53.282 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:122 Resp: 961520
 Ion Ratio Lower Upper
 122 100
 107 117.5 95.0 142.6
 121 59.1 48.2 72.4

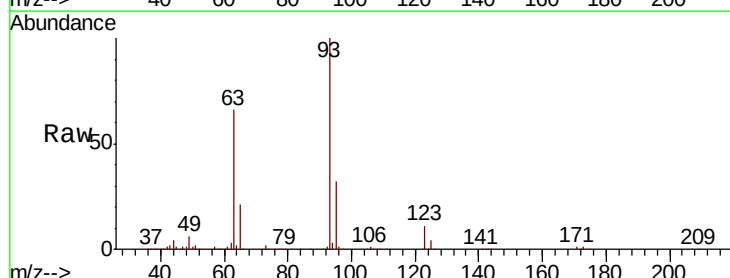


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

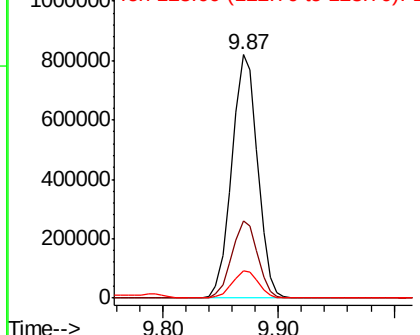
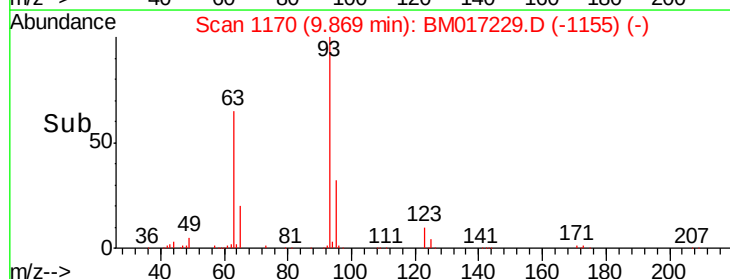


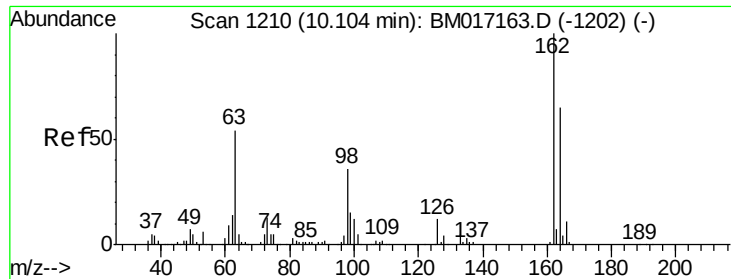
#28
 bis(2-Chloroethoxy)methane
 Concen: 44.127 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion: 93 Resp: 1267544
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.7 38.5
 123 11.3 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

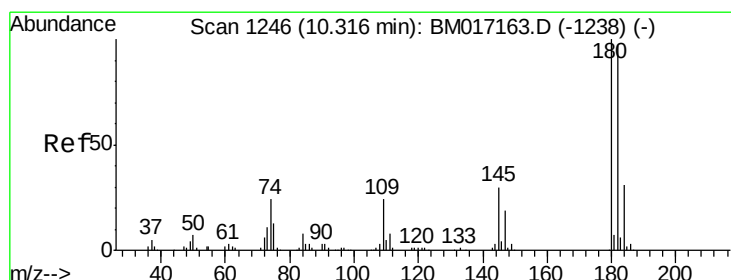
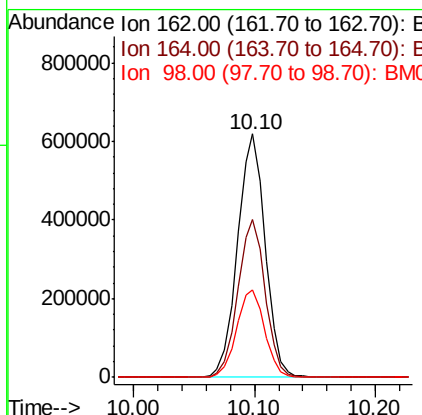
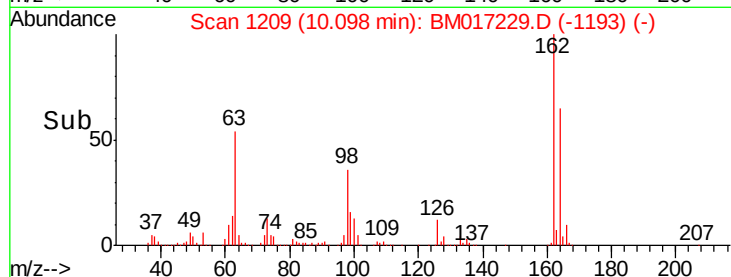
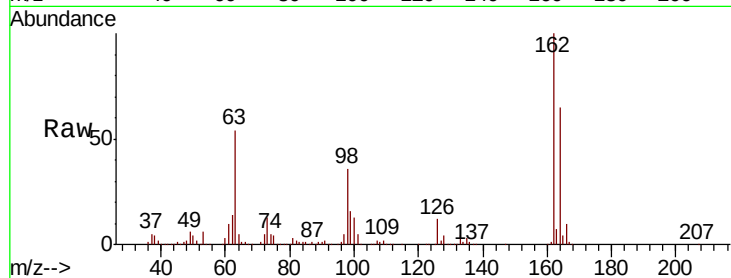




#29
 2,4-Dichlorophenol
 Concen: 47.220 ng
 RT: 10.10 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

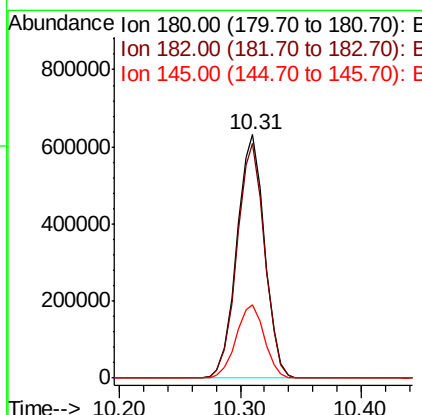
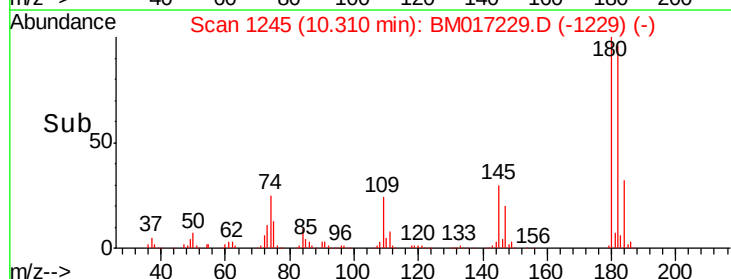
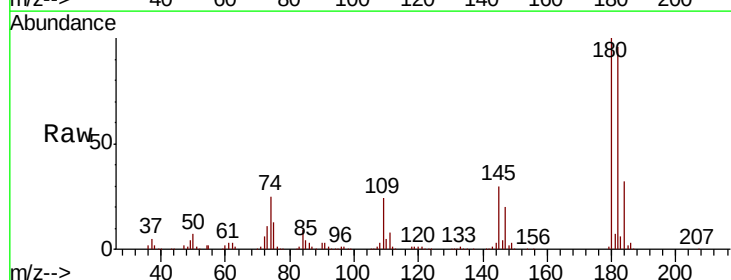
Instrument :
 BNA_M
 ClientSampleId :

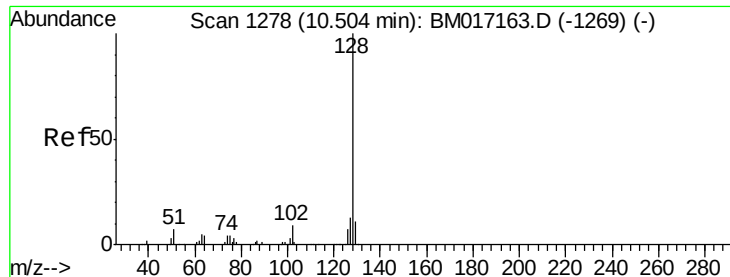
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.9	84.9
98	35.8	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.213 ng
 RT: 10.31 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.5	116.3
145	30.3	24.0	36.0

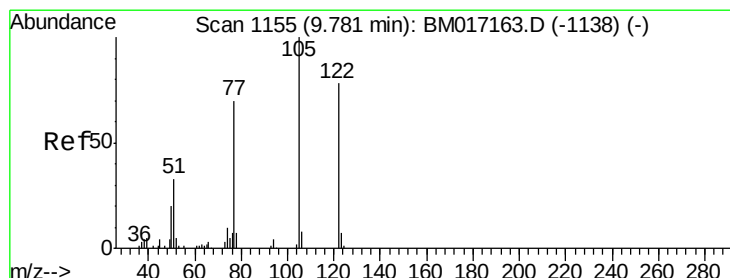
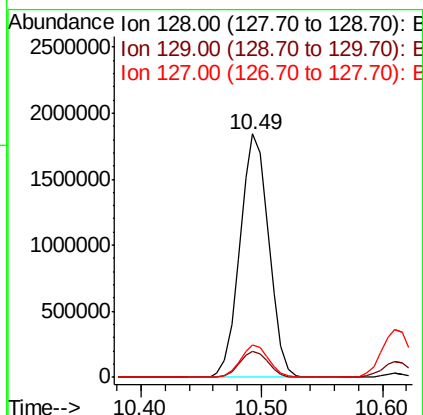
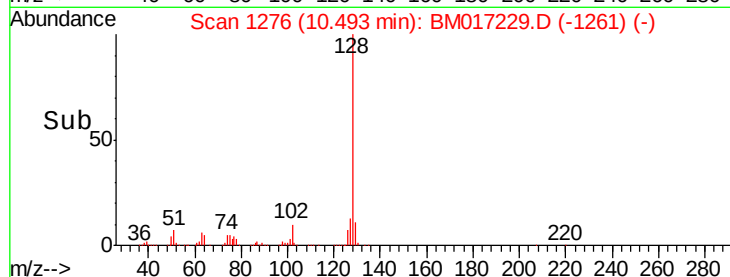
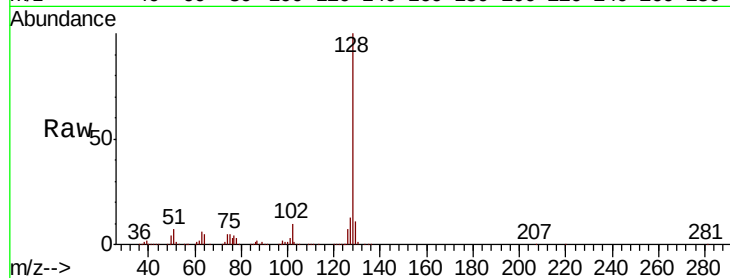




#31
Naphthalene
Concen: 43.322 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

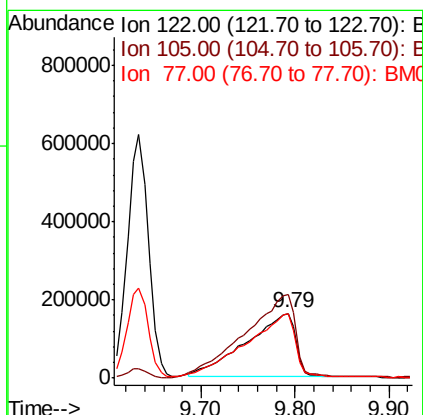
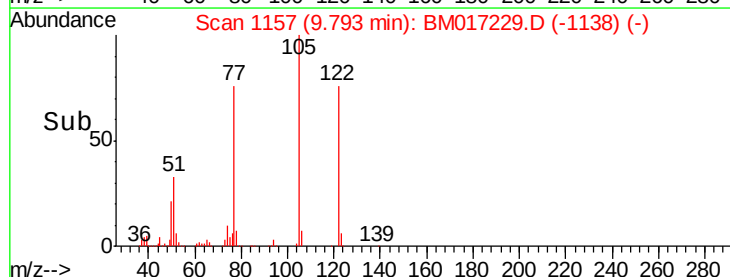
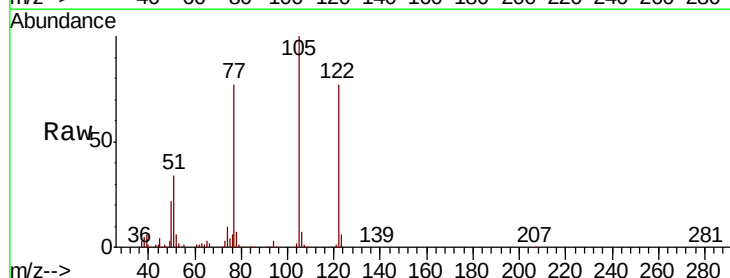
Instrument :
BNA_M
ClientSampleId :

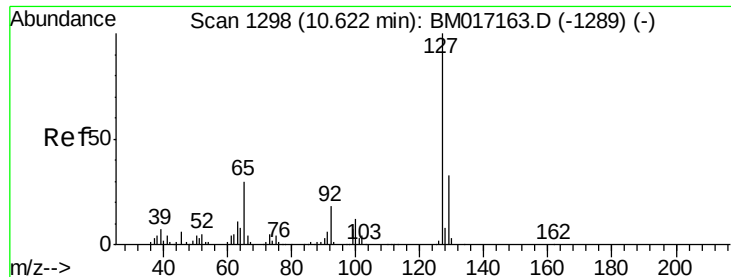
Tot Ion:128 Resp: 3068719
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 43.822 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:122 Resp: 590043
Ion Ratio Lower Upper
122 100
105 129.1 102.0 142.0
77 98.9 67.7 107.7

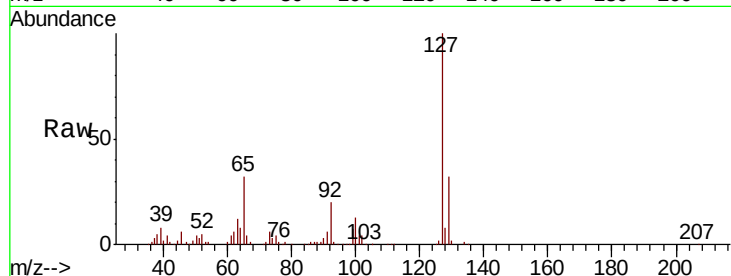




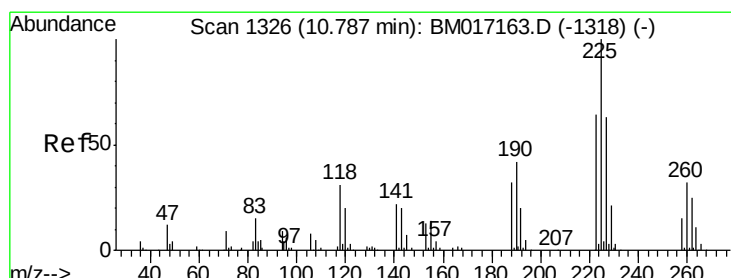
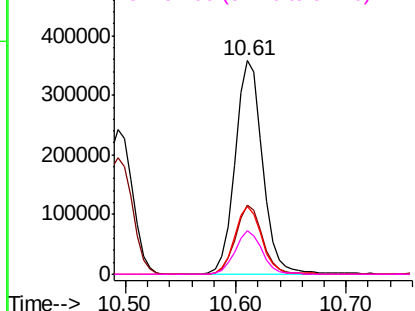
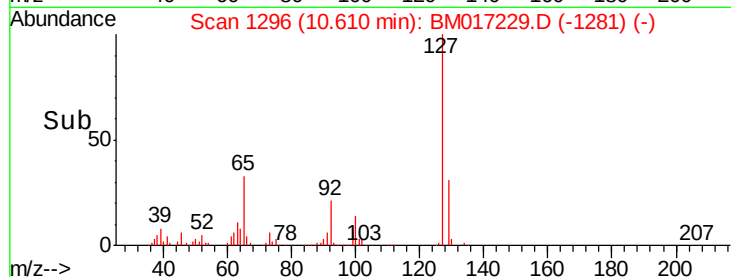
#33
4-Chloroaniline
Concen: 20.495 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	627024
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	31.7	23.7	35.5
92	20.3	14.3	21.5

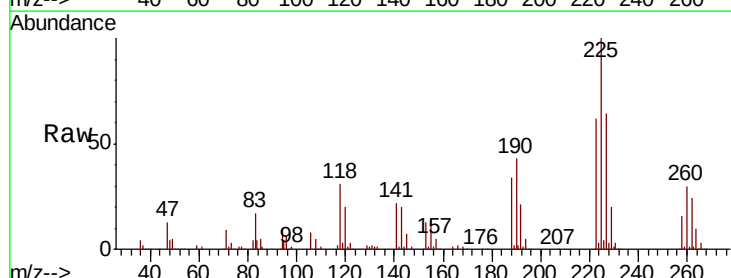


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

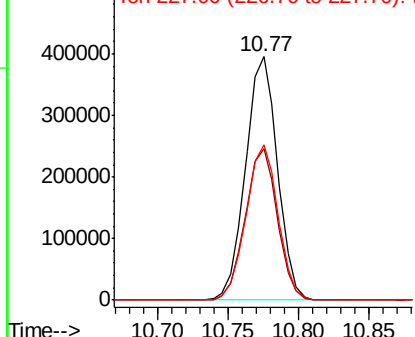
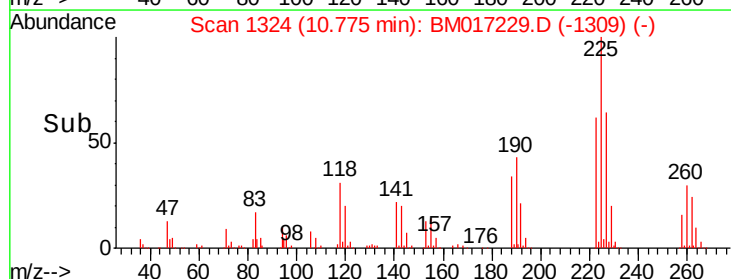


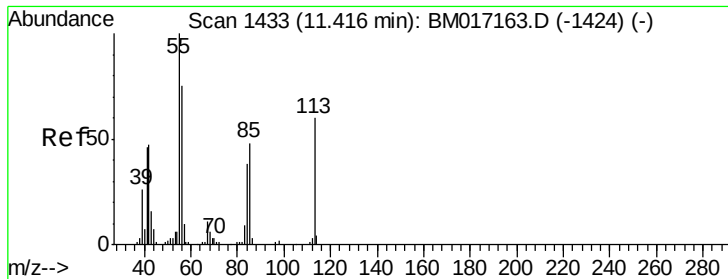
#34
Hexachlorobutadiene
Concen: 39.424 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:	225	Resp:	627857
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	63.7	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: 18.757 ng

RT: 11.41 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

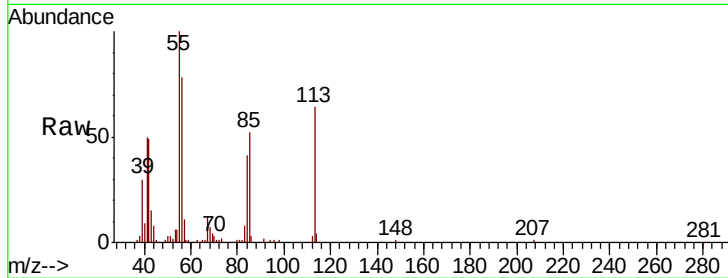
Tot Ion:113 Resp: 143229

Ion Ratio Lower Upper

113 100

55 156.4 147.0 187.0

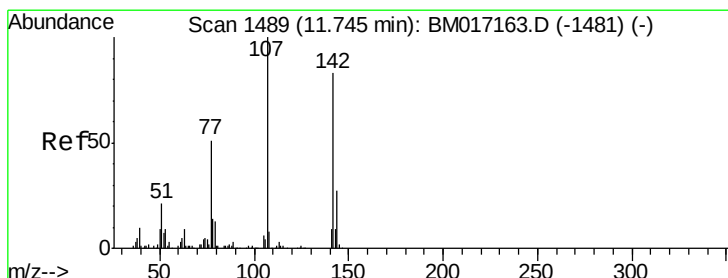
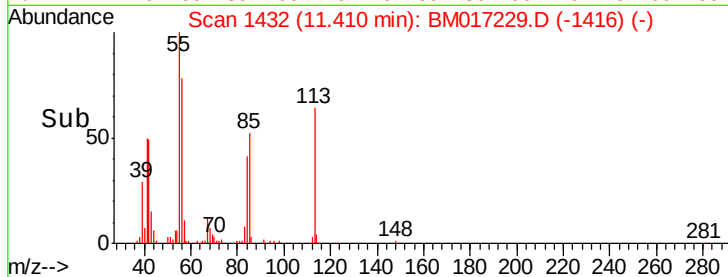
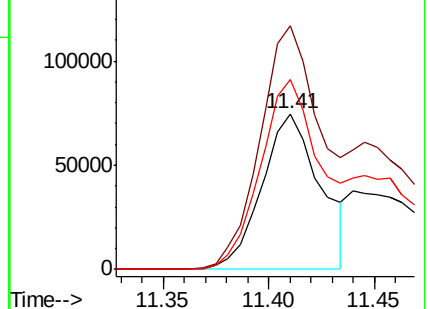
56 121.6 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 43.242 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

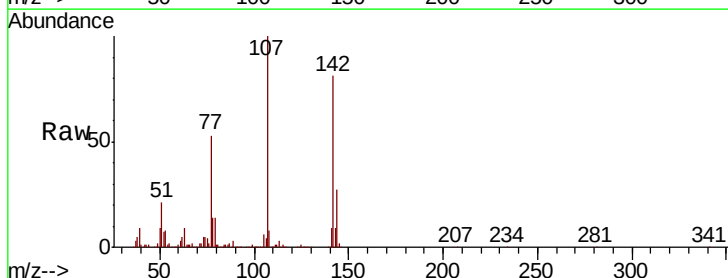
Tgt Ion:107 Resp: 1021273

Ion Ratio Lower Upper

107 100

144 26.7 21.6 32.4

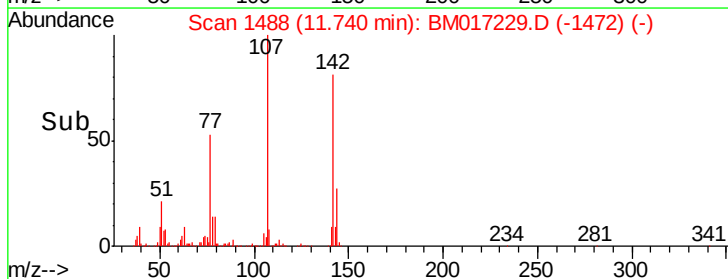
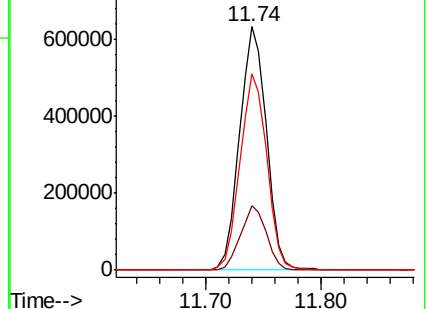
142 80.6 66.0 99.0

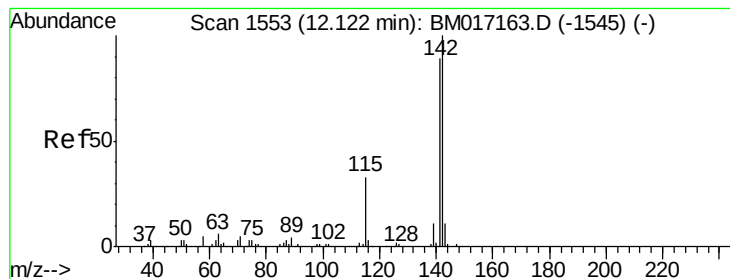


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.108 ng

RT: 12.11 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

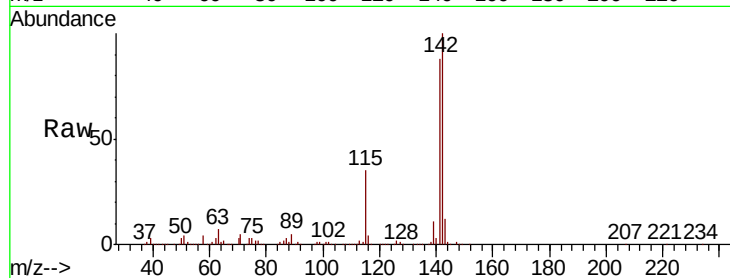
Tot Ion:142 Resp: 2283465

Ion Ratio Lower Upper

142 100

141 88.3 70.9 106.3

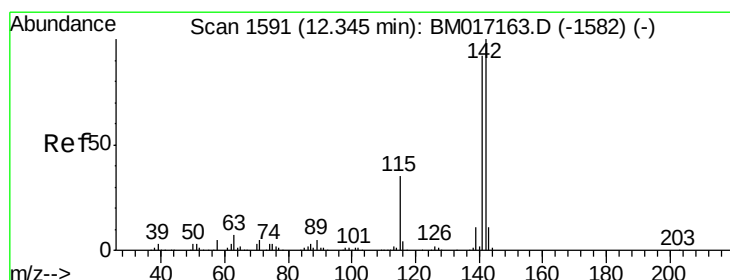
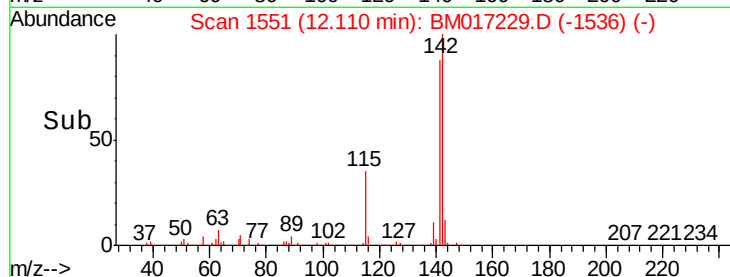
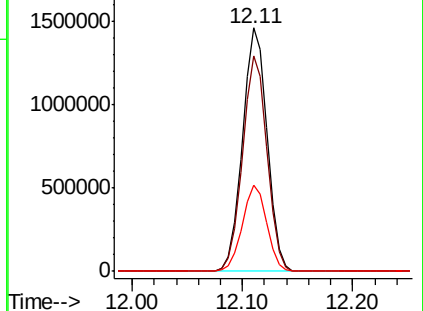
115 35.3 26.4 39.6



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: 45.397 ng

RT: 12.33 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

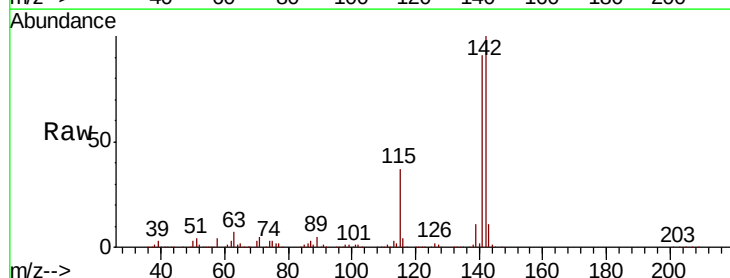
Tgt Ion:142 Resp: 2141735

Ion Ratio Lower Upper

142 100

141 91.2 73.8 110.6

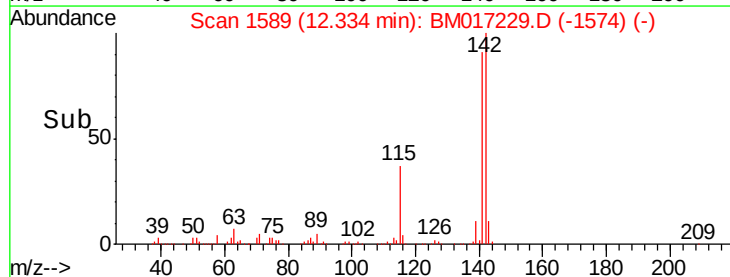
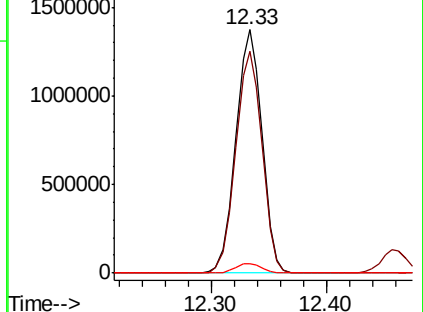
116 3.9 2.9 4.3

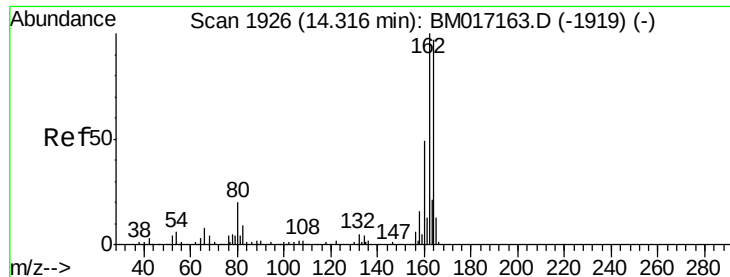


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

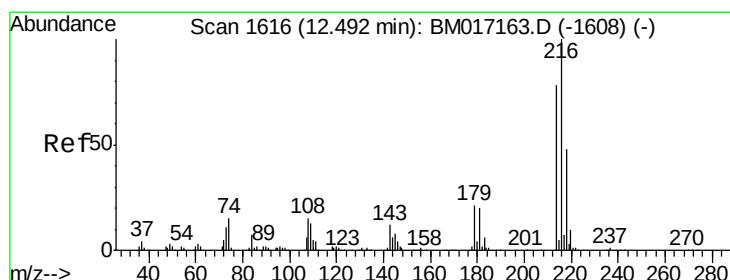
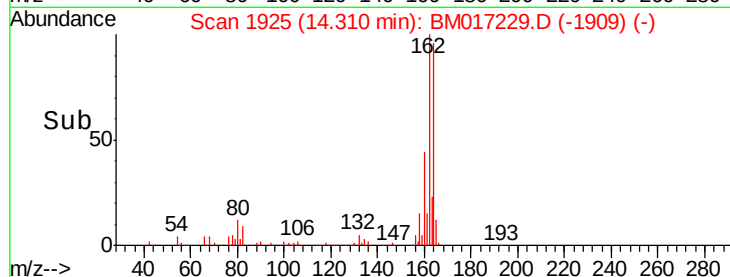
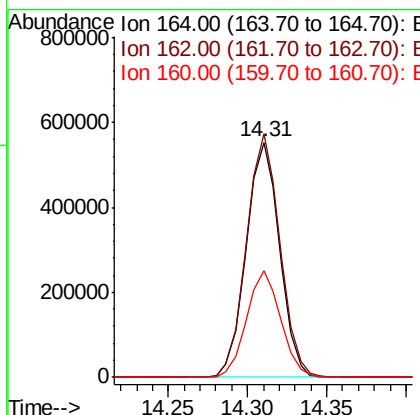
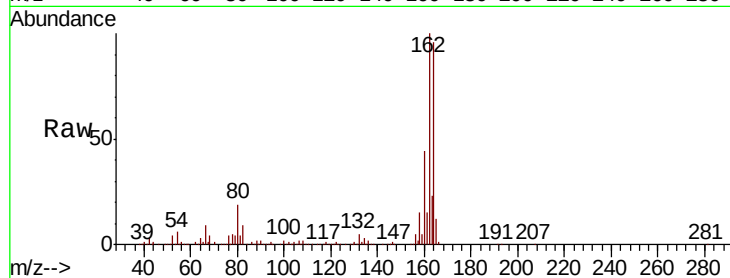




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

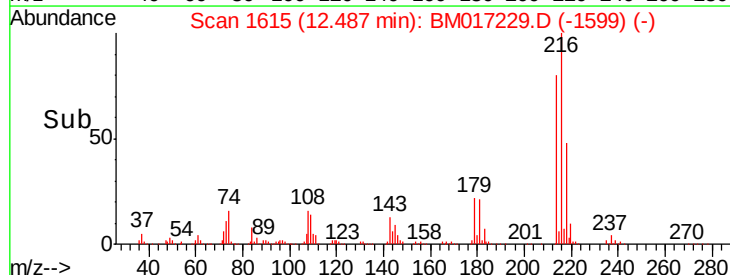
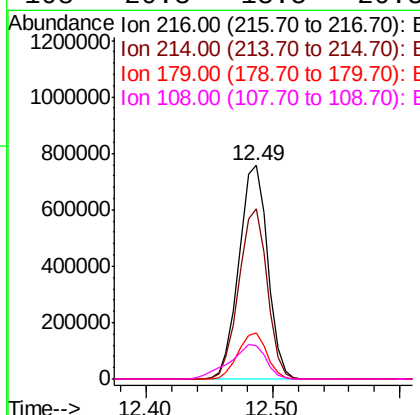
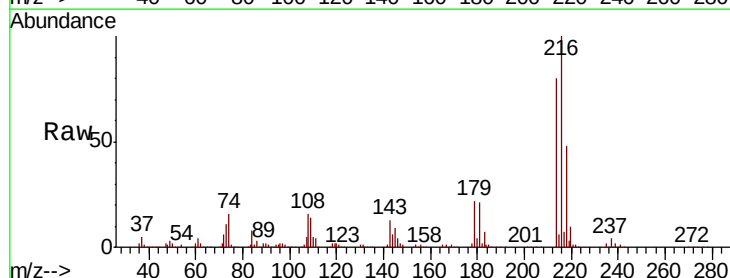
Instrument :
BNA_M
ClientSampleId :

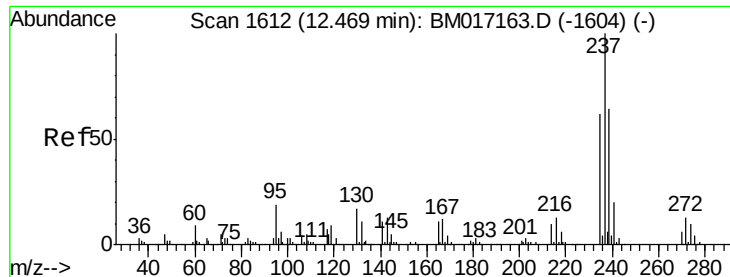
Tot Ion:164 Resp: 806868
Ion Ratio Lower Upper
164 100
162 103.7 82.1 123.1
160 45.2 40.2 60.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.906 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:216 Resp: 1190773
Ion Ratio Lower Upper
216 100
214 78.3 62.6 93.8
179 21.3 16.6 24.8
108 20.3 13.5 20.3#





#41

Hexachlorocyclopentadiene

Concen: 126.538 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

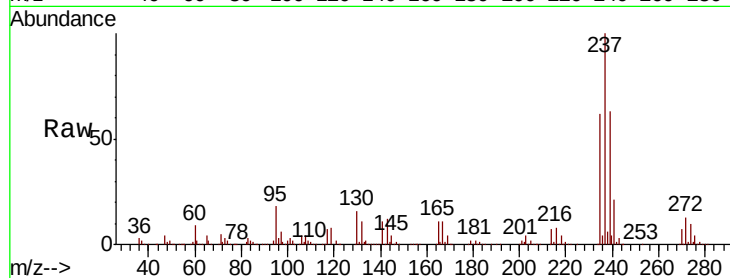
Instrument :

BNA_M

ClientSampleId :

Tot Ion:237 Resp: 1738230

Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.4	82.4
272	13.2	0.0	33.0

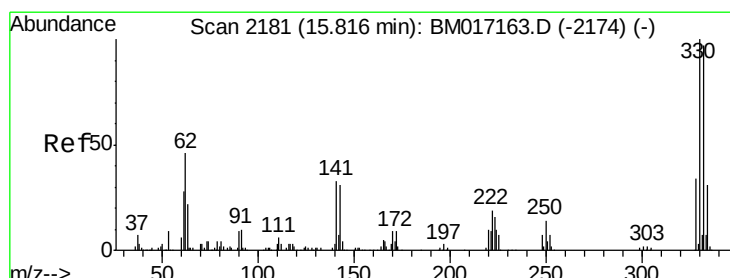
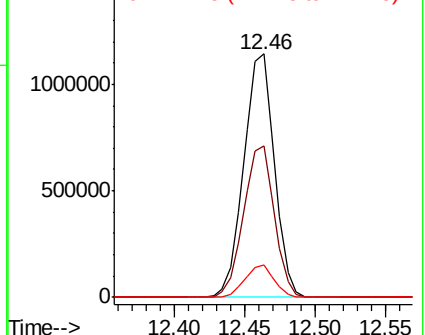
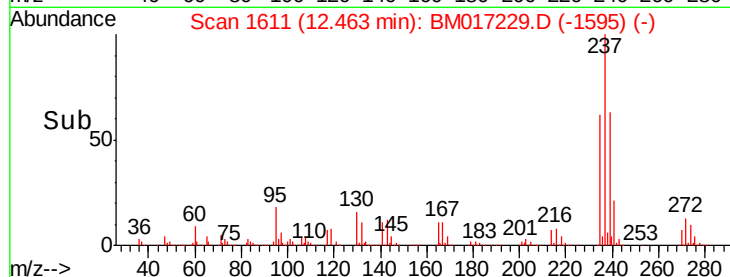


Abundance

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: 123.485 ng

RT: 15.81 min Scan# 2180

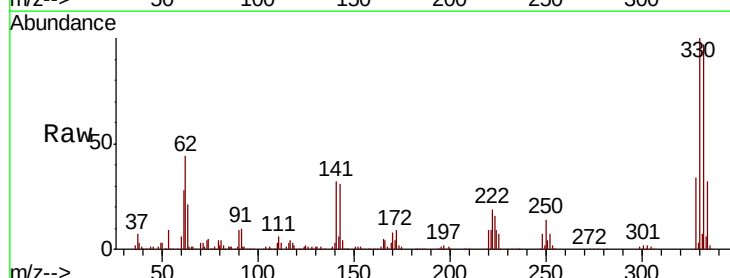
Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:330 Resp: 1347430

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	34.1	27.4	41.0

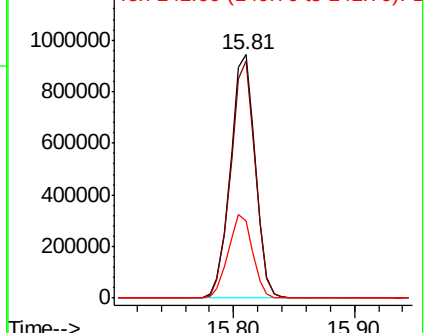
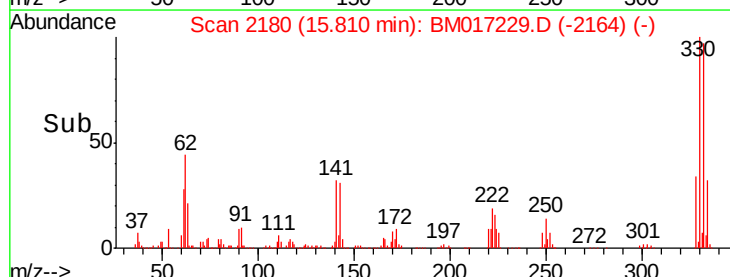


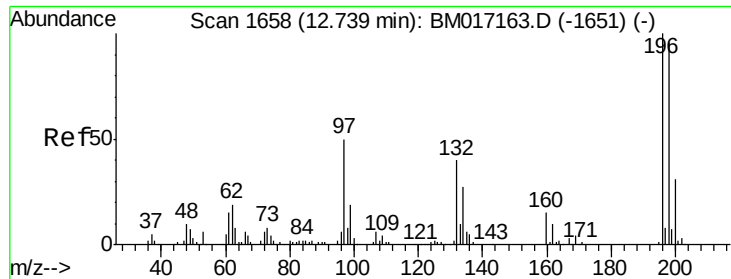
Abundance

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

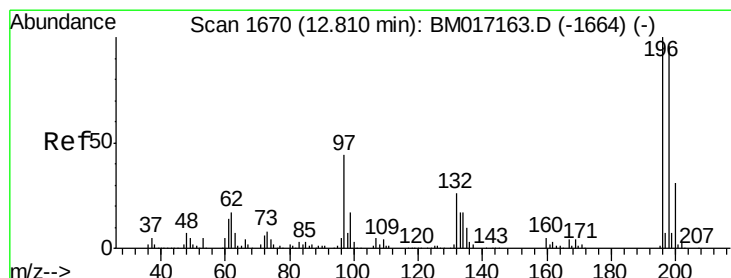
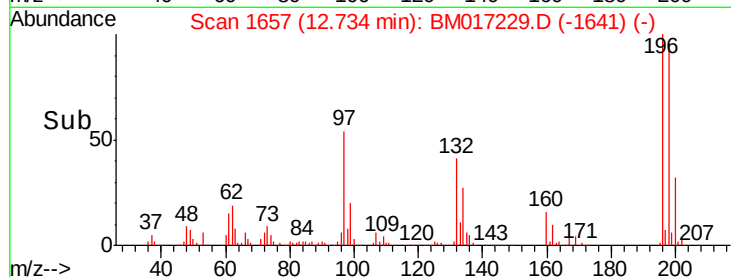
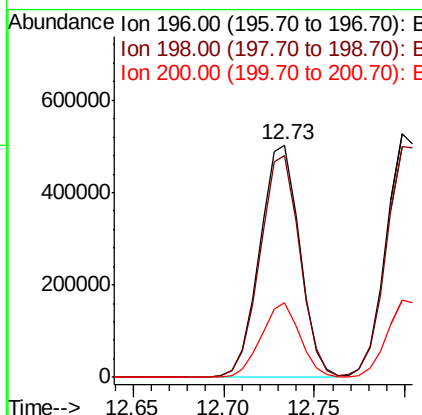
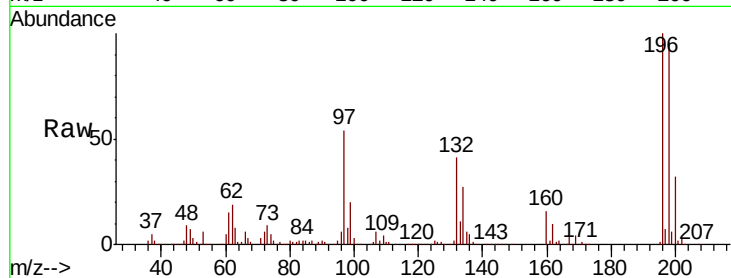




#43
 2,4,6-Trichlorophenol
 Concen: 46.733 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

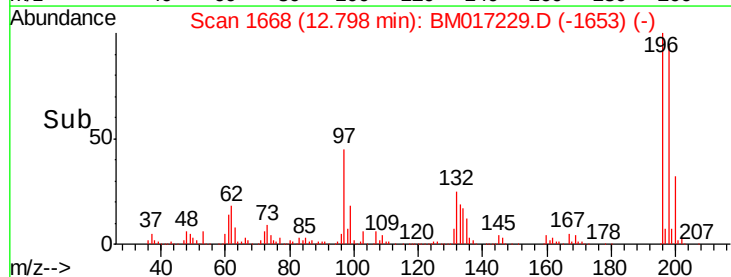
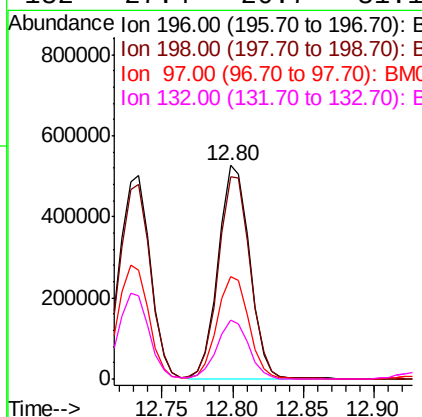
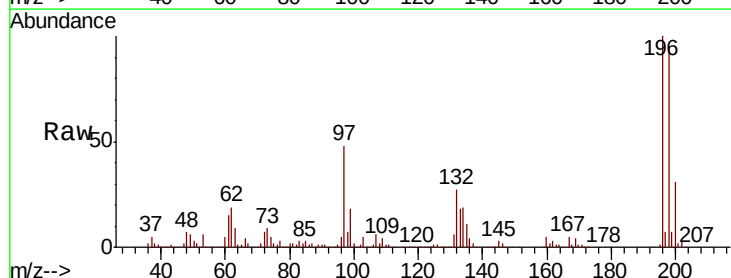
Instrument :
 BNA_M
 ClientSampleId :

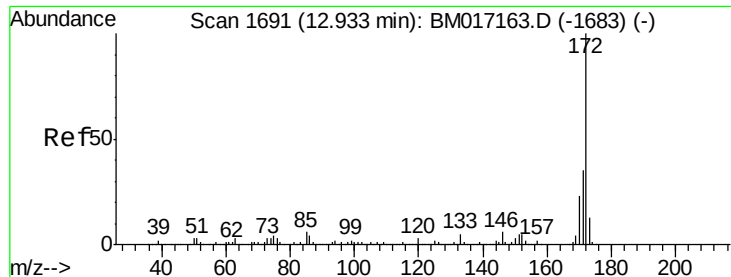
Tot Ion:196 Resp: 770863
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.1 115.7
 200 32.1 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 46.062 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion:196 Resp: 814748
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.6 115.0
 97 47.8 35.5 53.3
 132 27.4 20.7 31.1

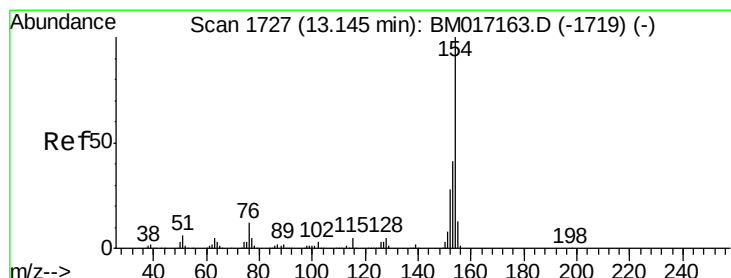
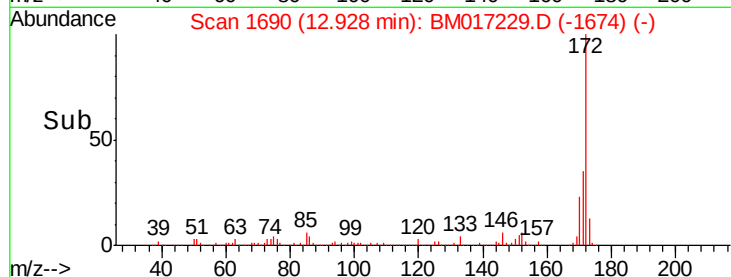
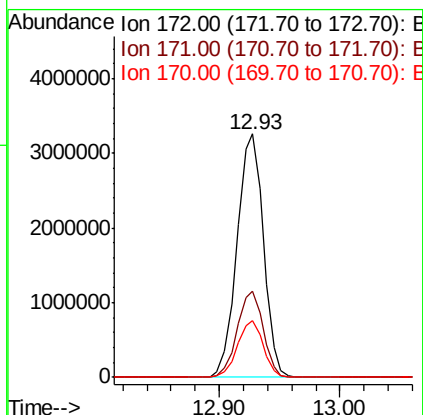
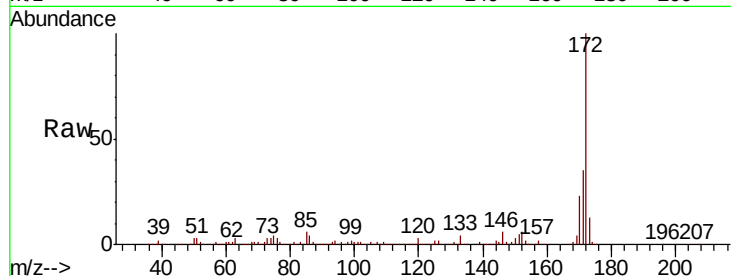




#45
2-Fluorobiphenyl
Concen: 81.878 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

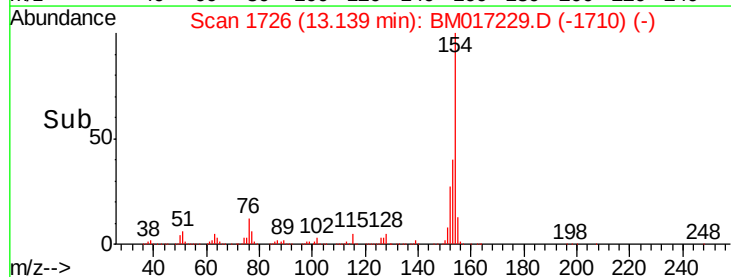
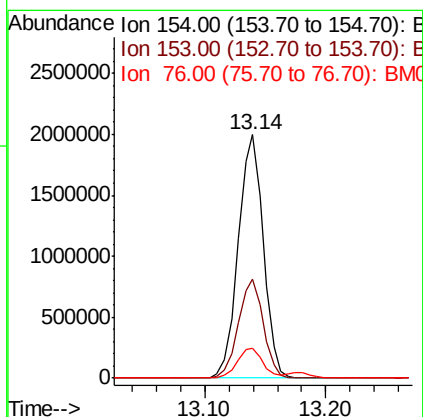
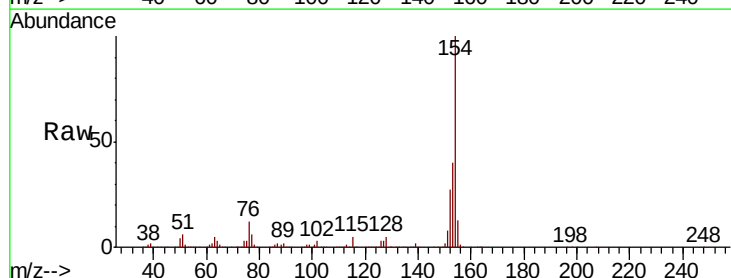
Instrument :
BNA_M
ClientSampleId :

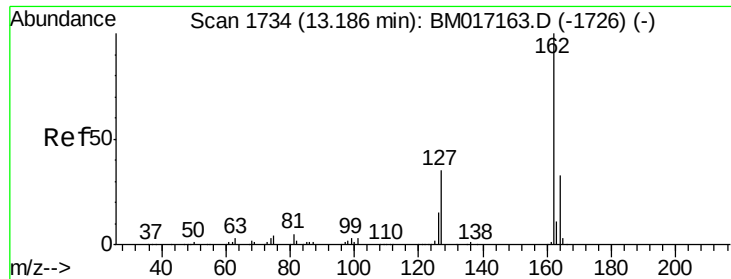
Tot Ion:172 Resp: 4965271
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 18.3 27.5



#46
1,1'-Biphenyl
Concen: 39.692 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:154 Resp: 2882035
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.2 0.0 31.8

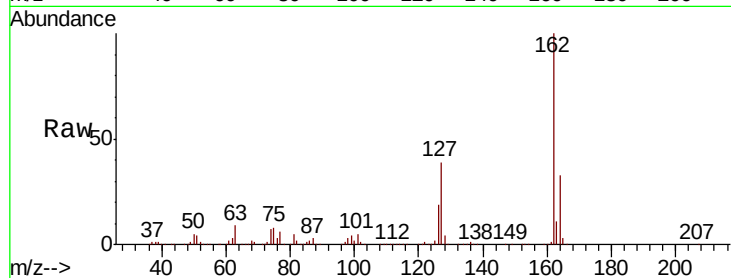




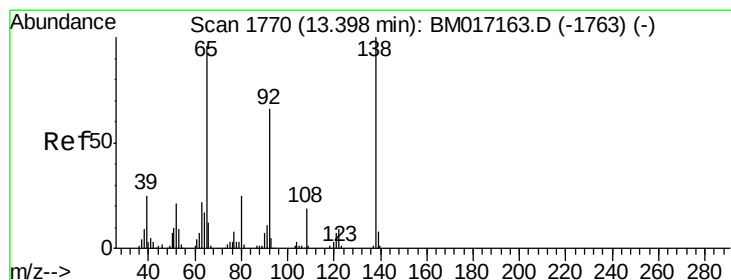
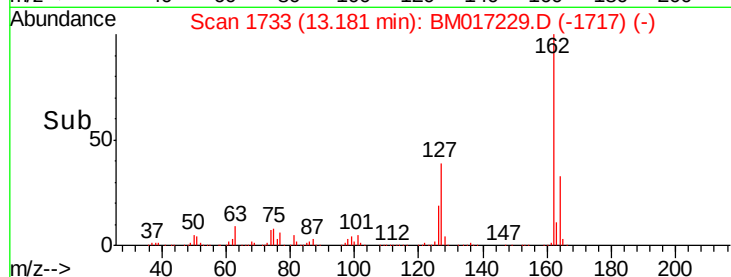
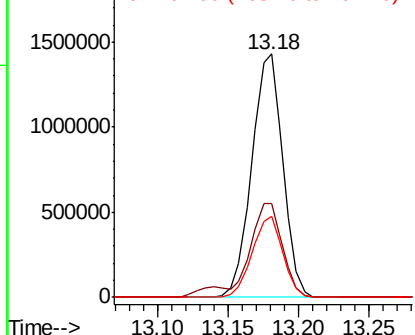
#47
 2-Chloronaphthalene
 Concen: 41.454 ng
 RT: 13.18 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:162 Resp: 2214338
 Ion Ratio Lower Upper
 162 100
 127 38.6 31.0 46.4
 164 33.4 26.6 39.8

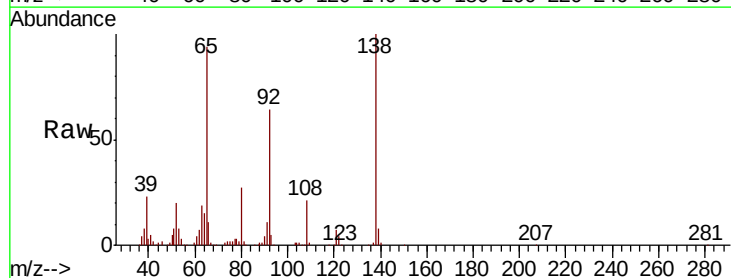


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

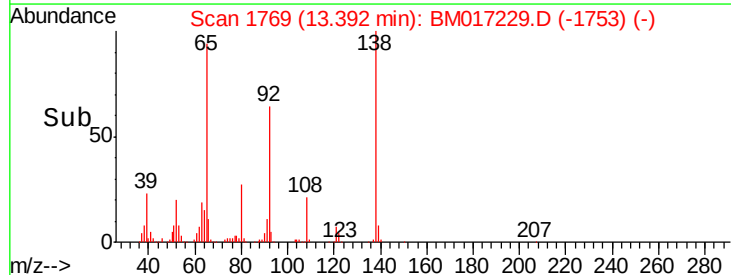
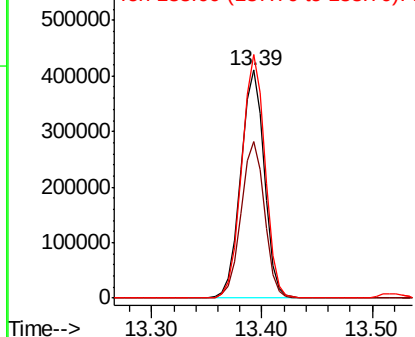


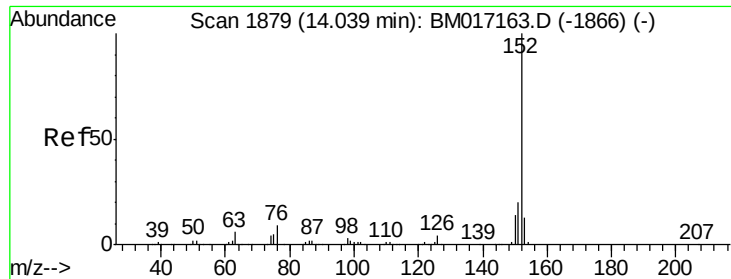
#48
 2-Nitroaniline
 Concen: 41.644 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion: 65 Resp: 615570
 Ion Ratio Lower Upper
 65 100
 92 68.7 54.9 82.3
 138 106.9 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: 45.235 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

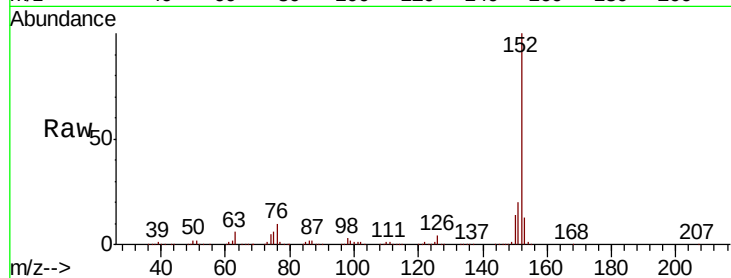
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 3502394

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.3	10.4	15.6

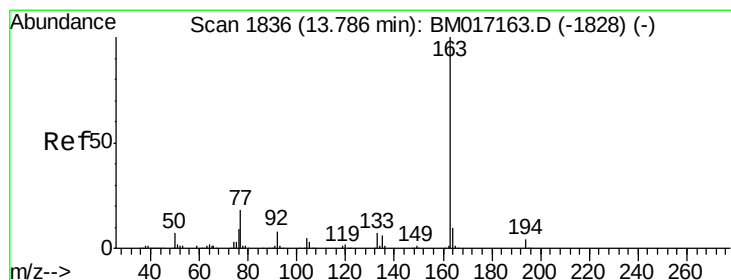
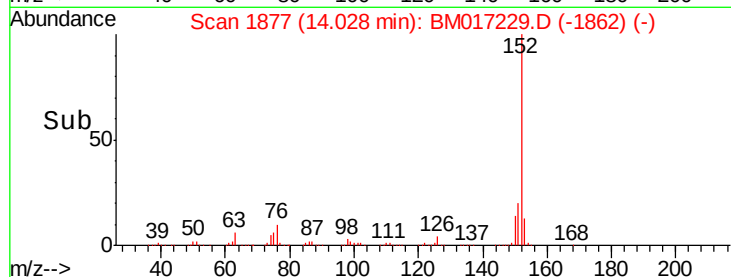
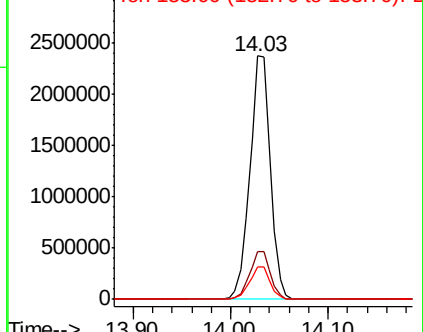


Abundance

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: 41.541 ng

RT: 13.78 min Scan# 1835

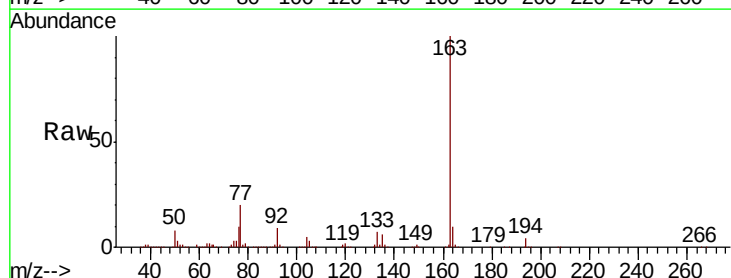
Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:163 Resp: 2585938

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.3	7.8	11.8

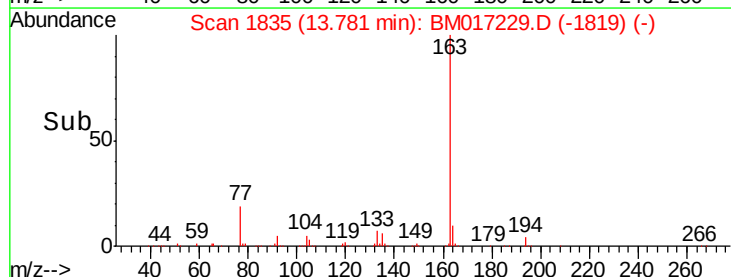
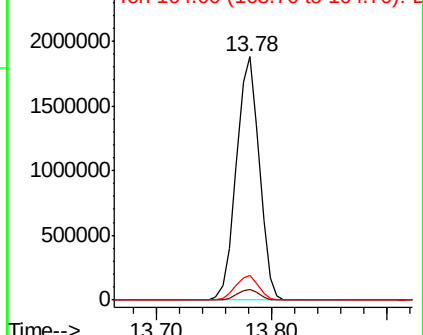


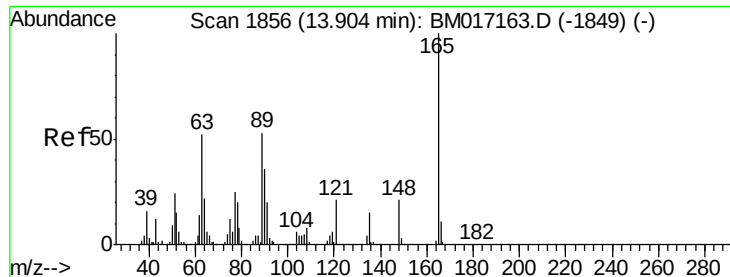
Abundance

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: 41.428 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampled :

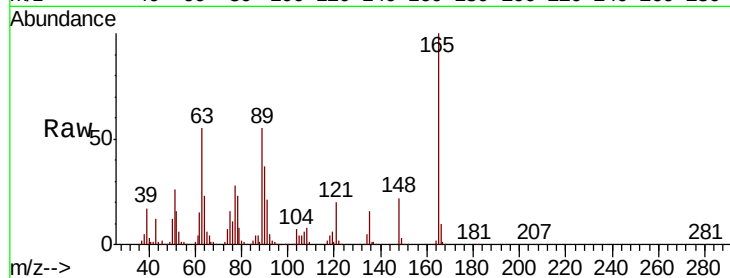
Tot Ion:165 Resp: 567603

Ion Ratio Lower Upper

165 100

63 54.6 42.7 64.1

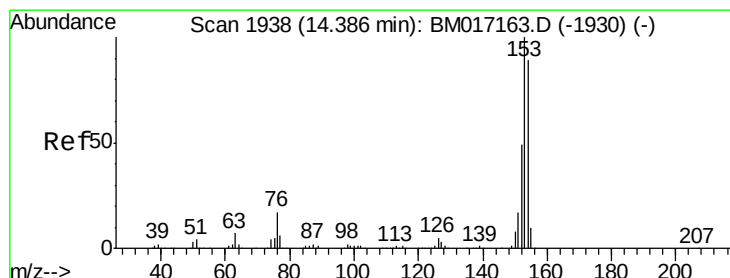
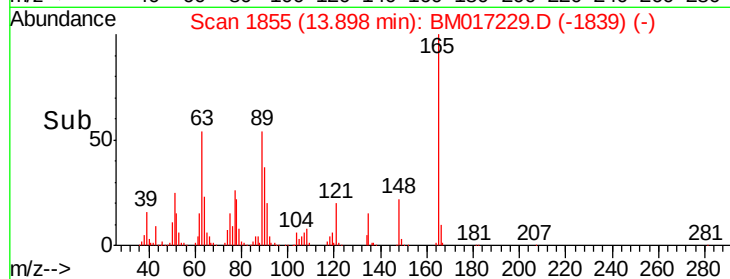
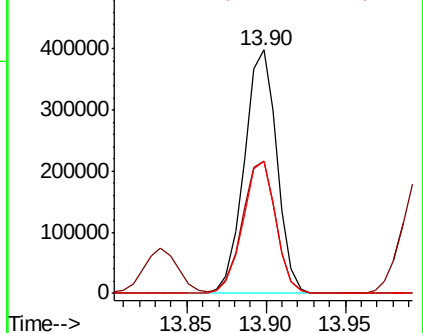
89 54.6 42.1 63.1



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



#52

Acenaphthene

Concen: 42.130 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

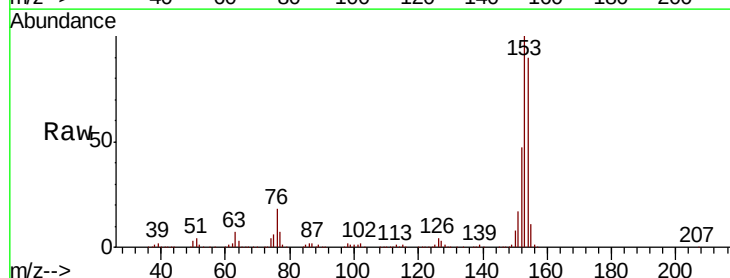
Tgt Ion:154 Resp: 2048153

Ion Ratio Lower Upper

154 100

153 111.6 90.2 135.2

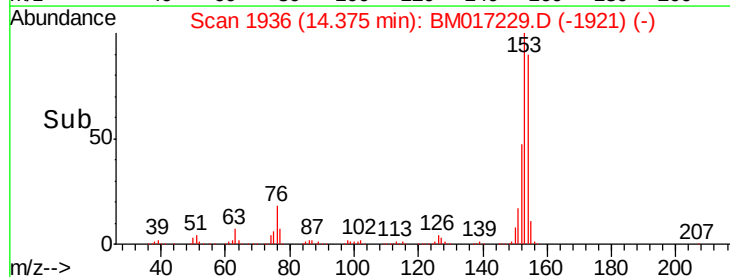
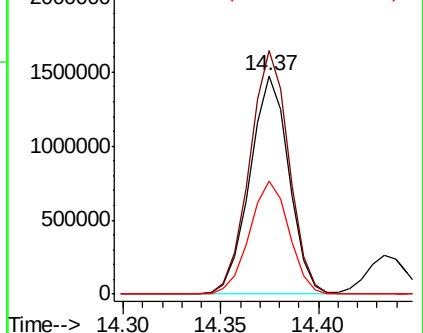
152 52.1 44.2 66.4

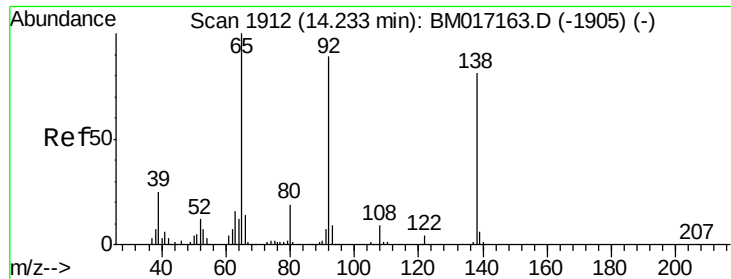


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

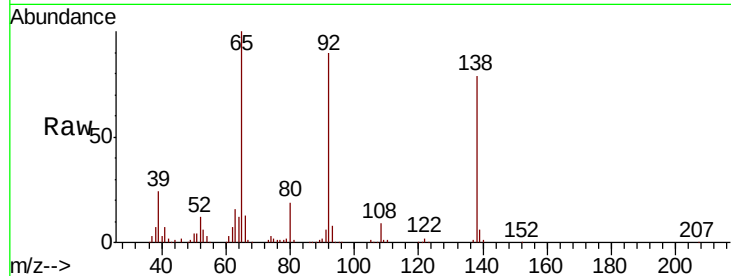




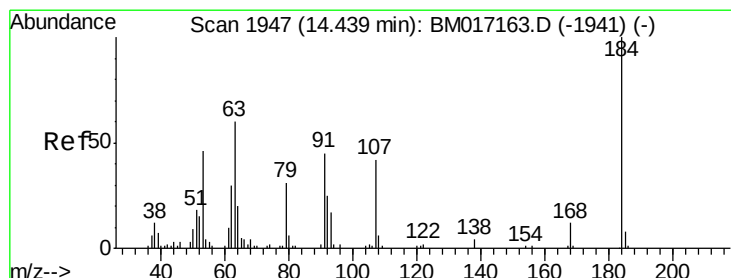
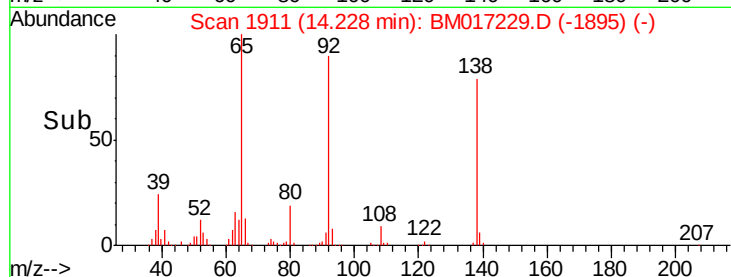
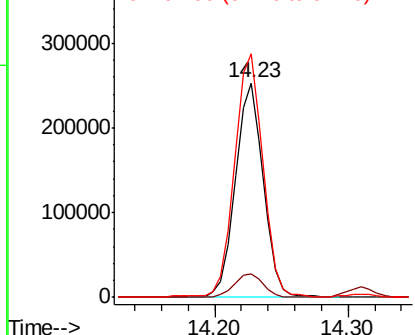
#53
3-Nitroaniline
Concen: 24.707 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 366628
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 113.5 87.9 131.9

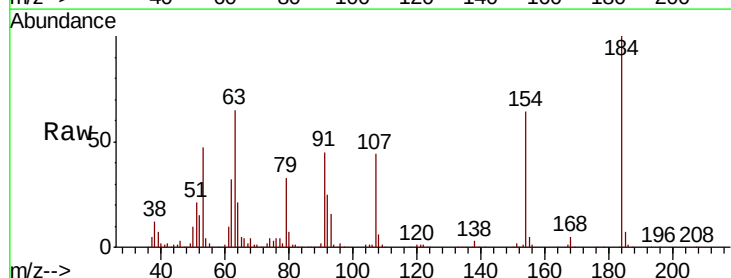


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

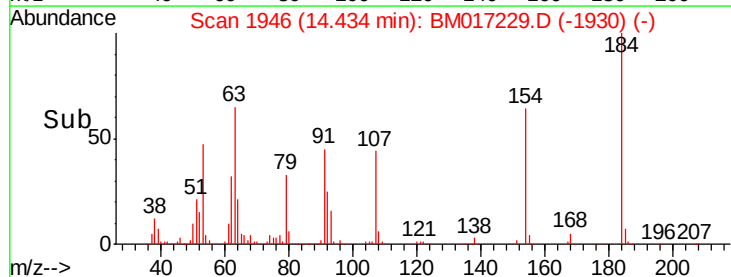
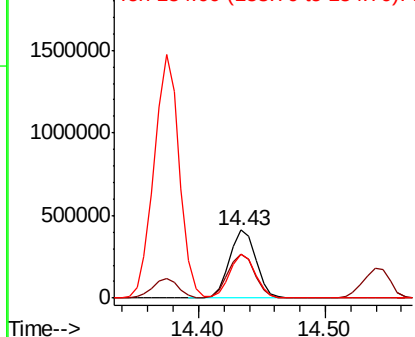


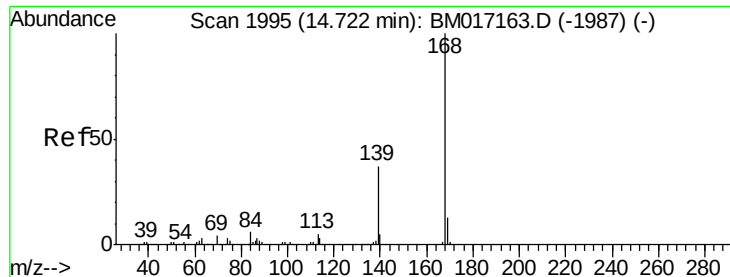
#54
2,4-Dinitrophenol
Concen: 74.641 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:184 Resp: 595007
Ion Ratio Lower Upper
184 100
63 64.8 51.2 76.8
154 64.0 47.8 71.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

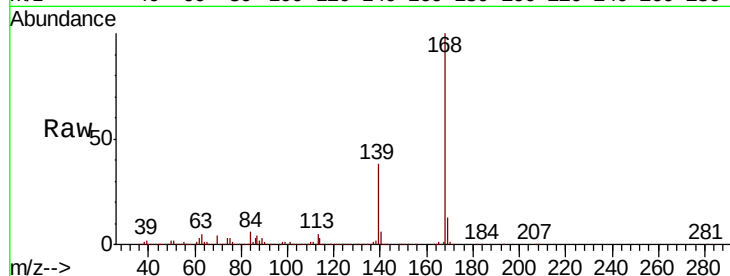




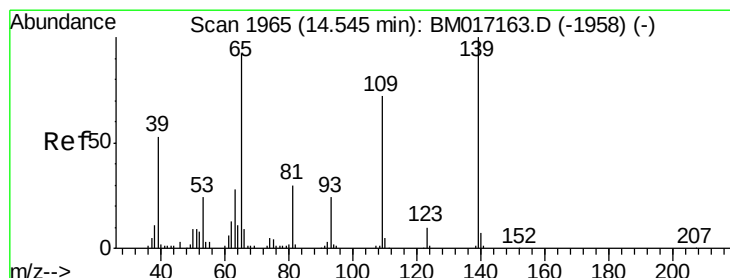
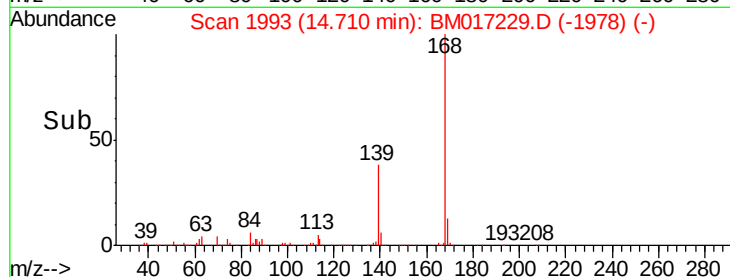
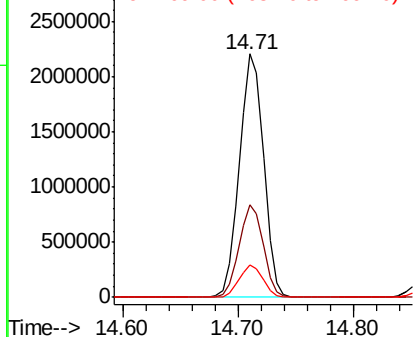
#55
Dibenzofuran
Concen: 39.661 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:168 Resp: 3206411
Ion Ratio Lower Upper
168 100
139 38.0 29.3 43.9
169 13.3 10.6 15.8

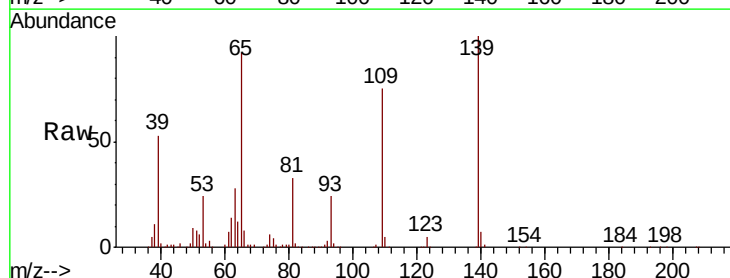


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

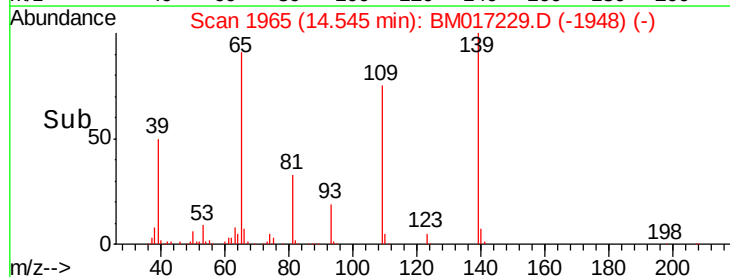
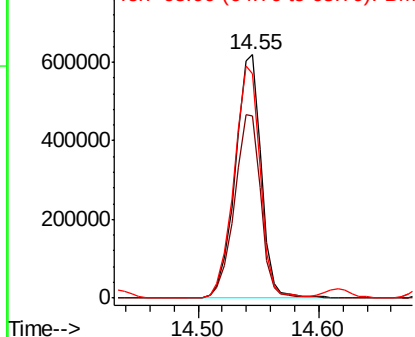


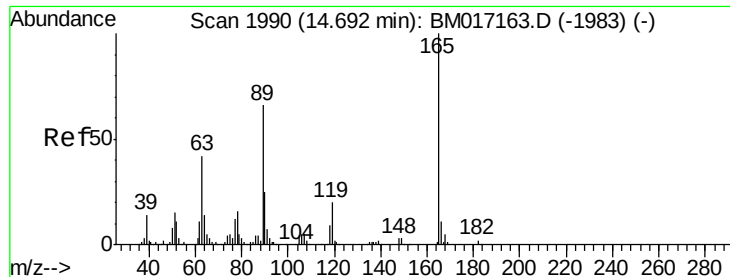
#56
4-Nitrophenol
Concen: 69.178 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:139 Resp: 926392
Ion Ratio Lower Upper
139 100
109 74.9 51.8 91.8
65 92.2 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

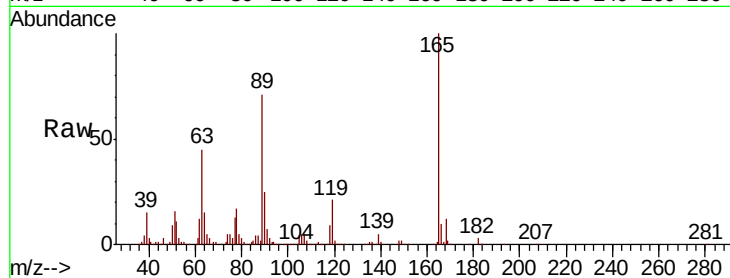




#57
2,4-Dinitrotoluene
Concen: 40.719 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165	Resp:	749836	
Ion Ratio	Lower	Upper	
165 100			
63 44.5	33.8	50.8	
89 71.3	53.1	79.7	
182 2.9	2.0	3.0	



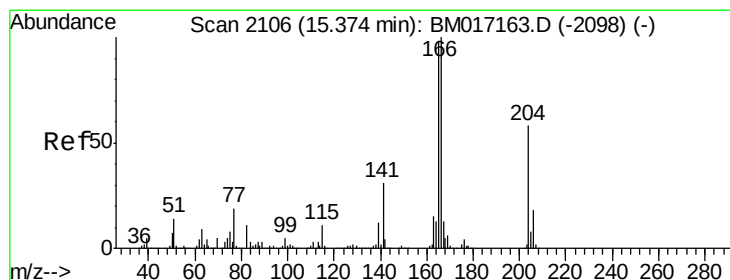
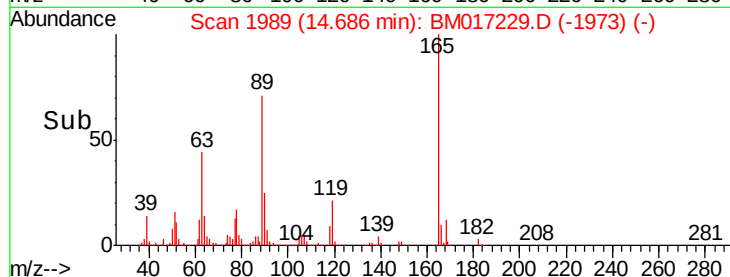
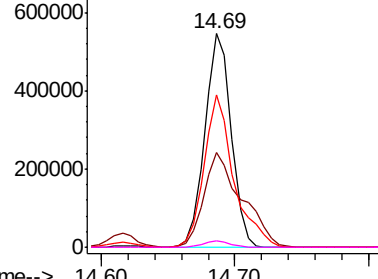
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

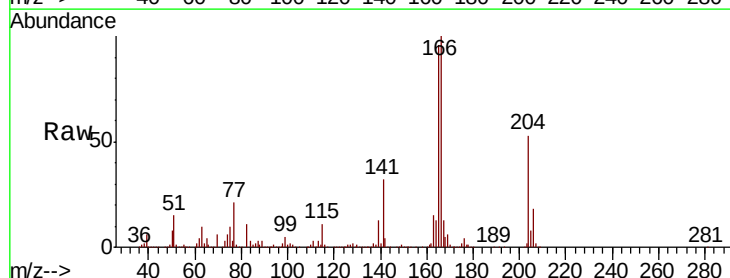
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.396 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt	Ion:166	Resp:	2536980
Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.1	117.1
167	13.5	10.6	16.0

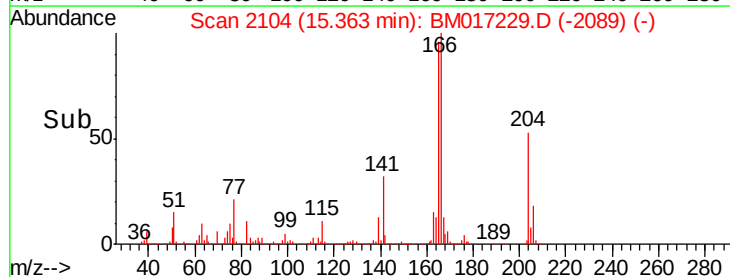
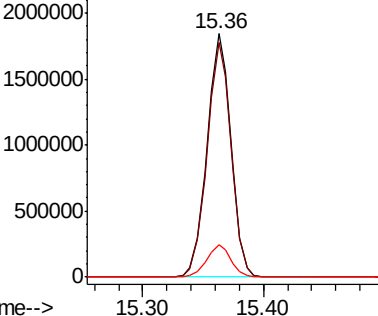


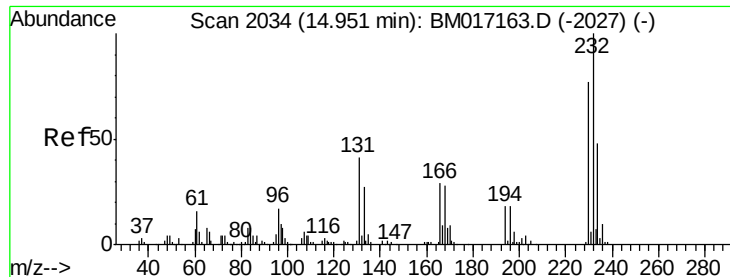
Abundance

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

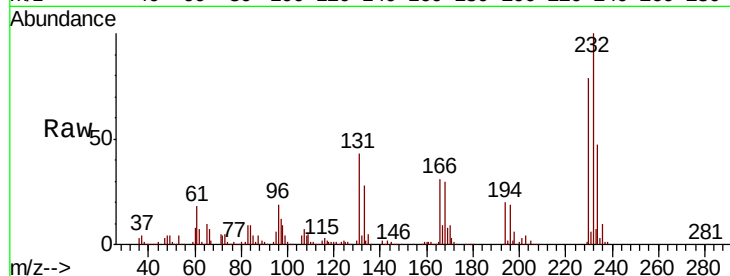




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.701 ng
 RT: 14.94 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	33.1	49.7
130	2.3	1.7	2.5
166	31.1	24.4	36.6



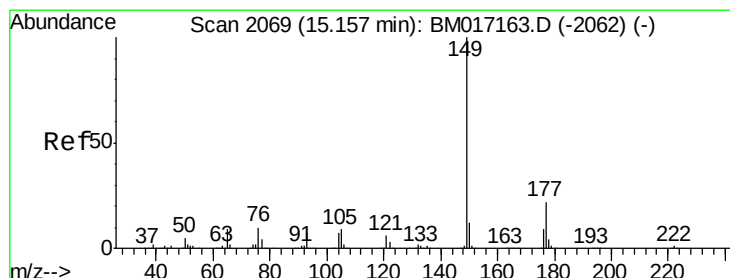
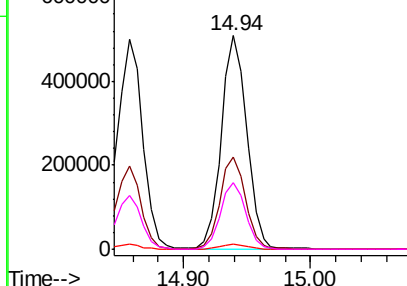
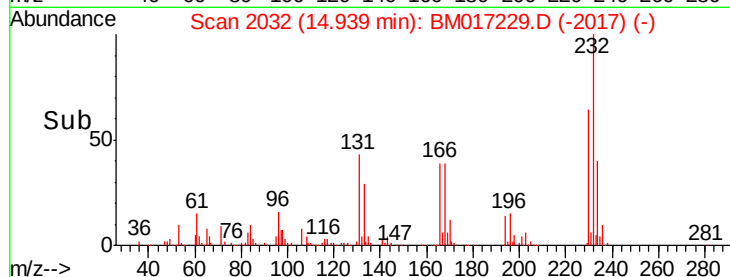
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

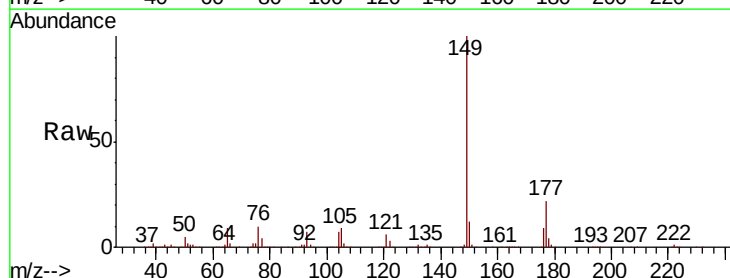
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.313 ng
 RT: 15.15 min Scan# 2068
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.7	26.5
150	12.3	10.0	15.0

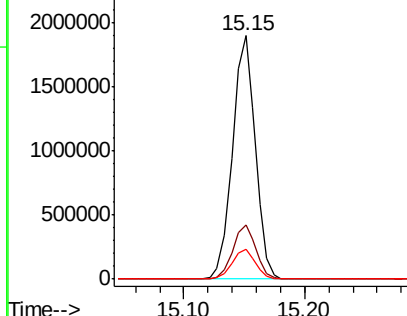
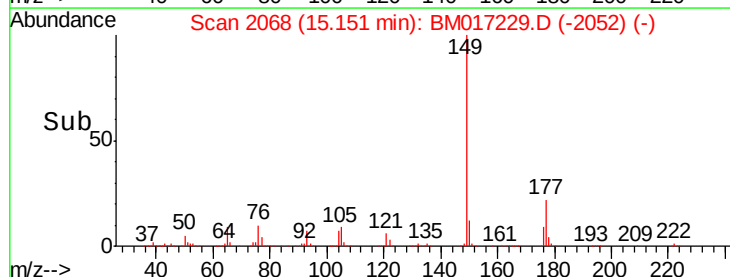


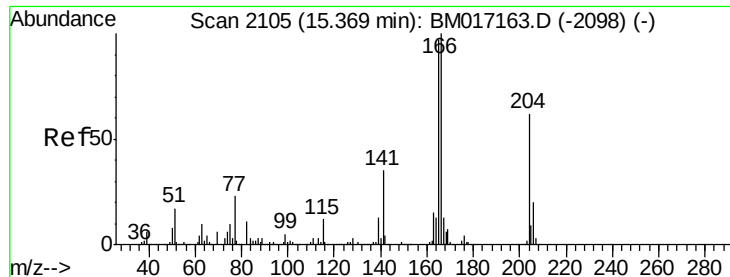
Abundance

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

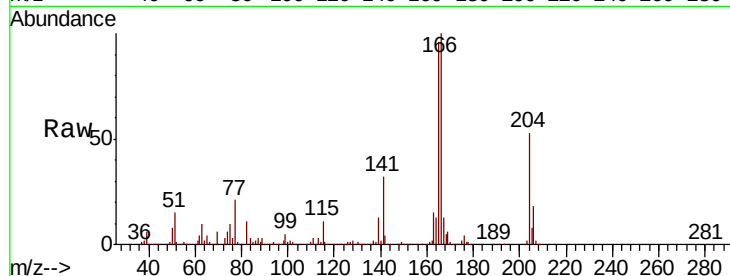




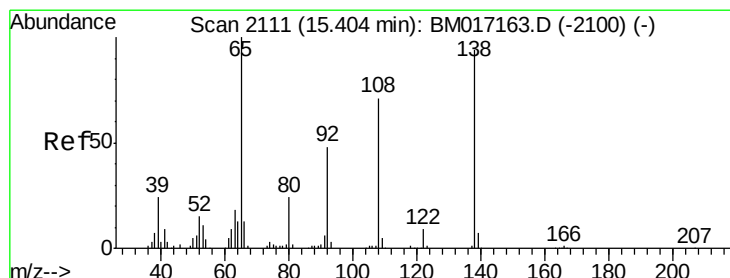
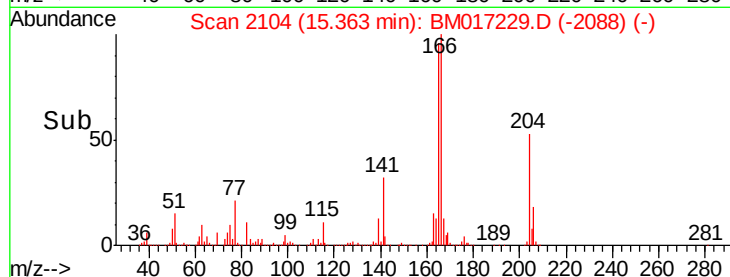
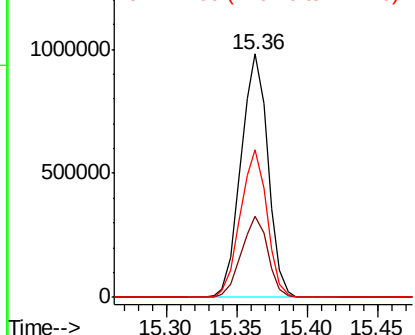
#61
4-Chlorophenyl-phenylether
Concen: 38.491 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1313101
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 60.7 45.4 68.2

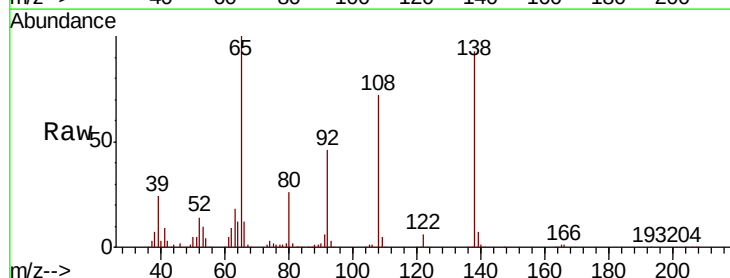


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

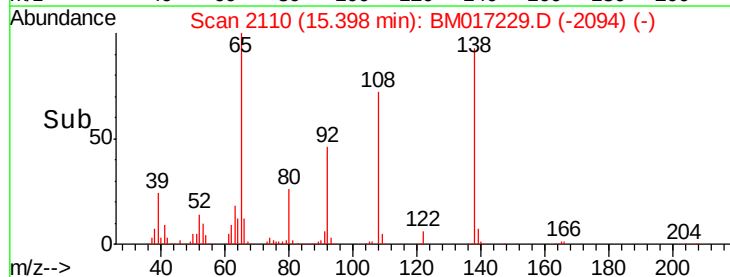
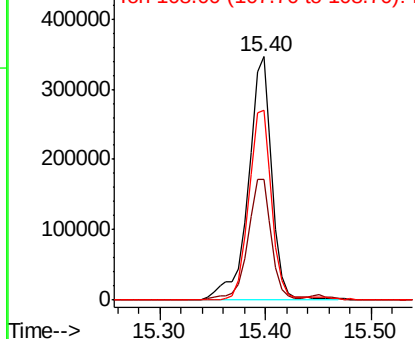


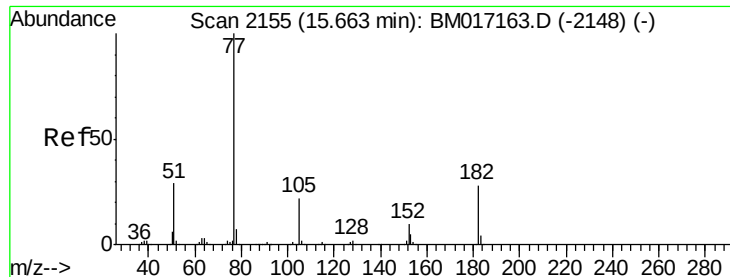
#62
4-Nitroaniline
Concen: 34.189 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:138 Resp: 541024
Ion Ratio Lower Upper
138 100
92 49.8 31.2 71.2
108 77.7 55.5 95.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.422 ng

RT: 15.66 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

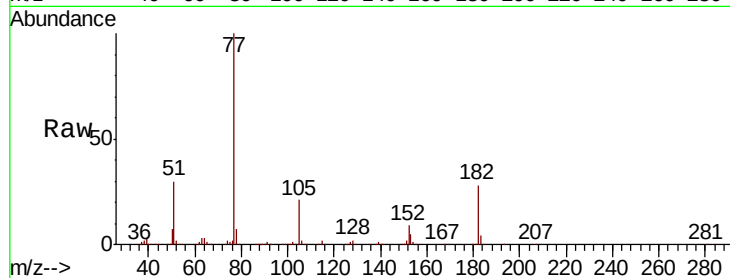
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2425497

Ion	Ratio	Lower	Upper
77	100		
182	27.8	8.3	48.3
105	21.3	1.5	41.5
51	30.1	8.8	48.8



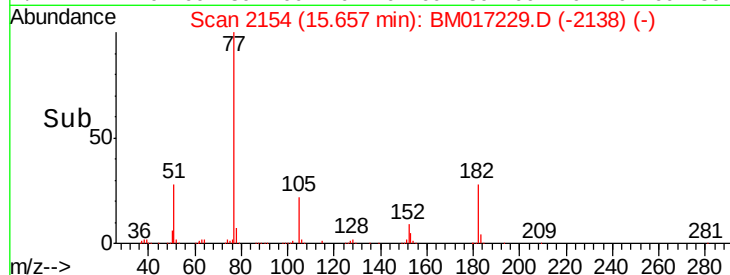
Abundance

Ion 77.00 (76.70 to 77.70): BM017229.D (-2148) (-)

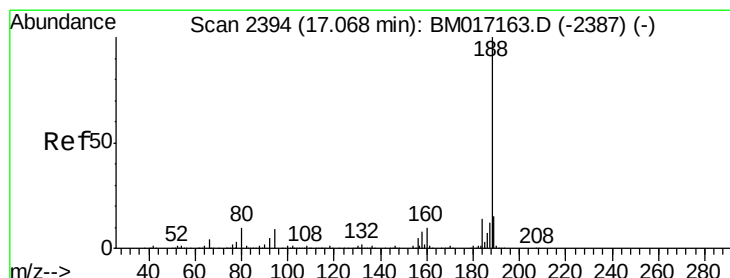
Ion 182.00 (181.70 to 182.70): BM017229.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017229.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017229.D (-2148) (-)



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2393

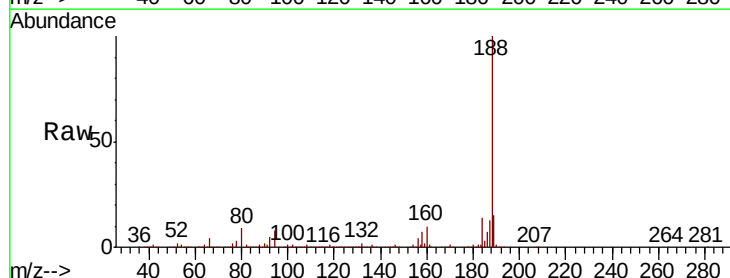
Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion: 188 Resp: 1583883

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	9.3	7.7	11.5

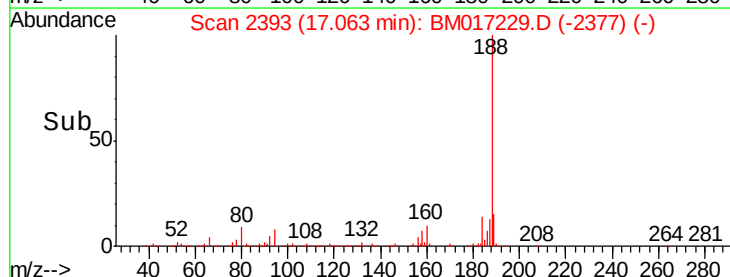


Abundance

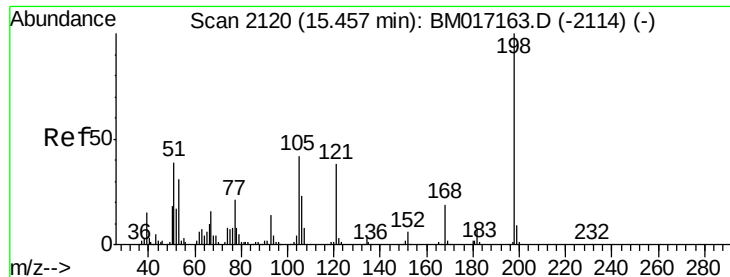
Ion 188.00 (187.70 to 188.70): BM017229.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM017229.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM017229.D (-2377) (-)



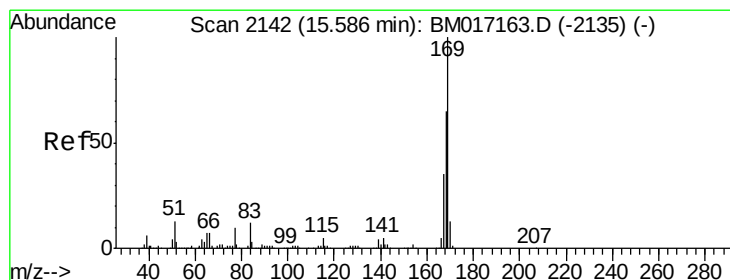
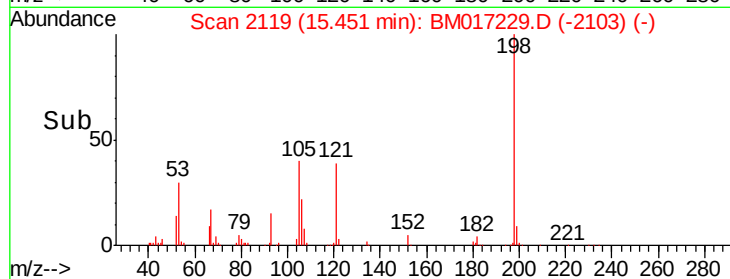
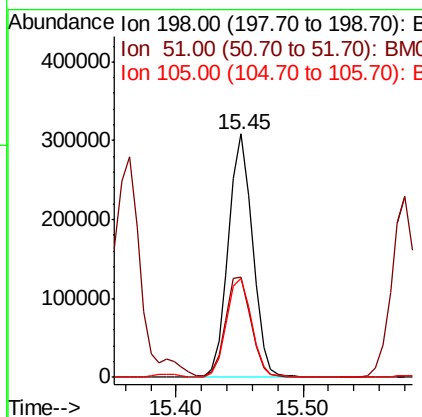
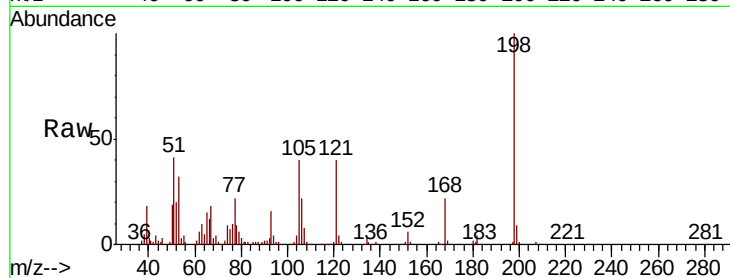
Time-->



#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.268 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

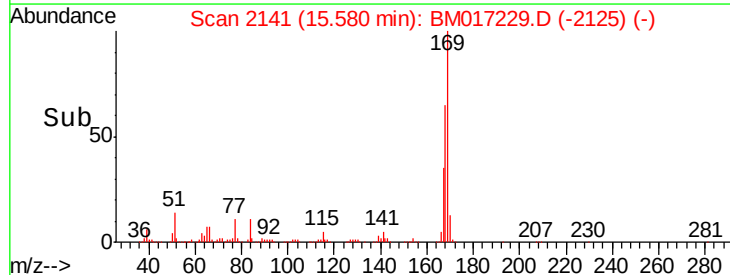
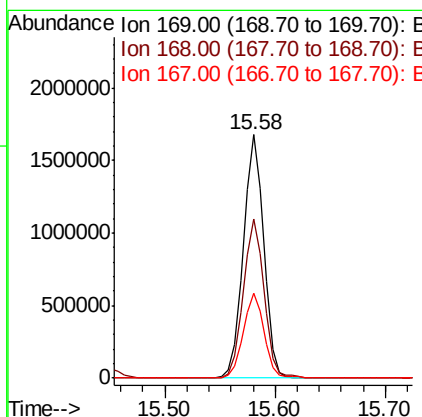
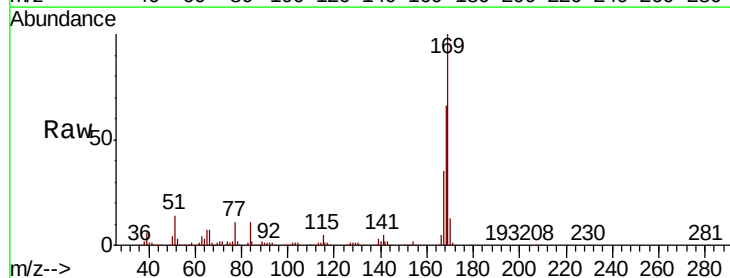
Instrument :
 BNA_M
 ClientSampleId :

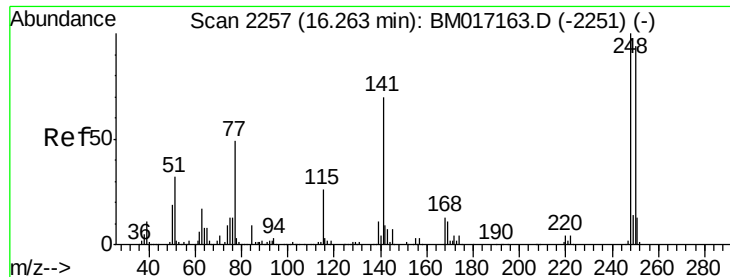
Tot Ion	Ratio	Lower	Upper
198	100		
51	41.2	20.3	60.3
105	40.4	21.9	61.9



#66
 n-Nitrosodiphenylamine
 Concen: 45.601 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017229.D
 Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.2	78.4
167	35.1	28.4	42.6

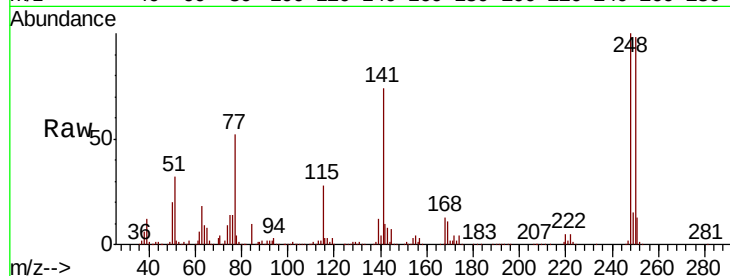




#67
4-Bromophenyl-phenylether
Concen: 45.884 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	75.1	112.7
141	74.2	55.6	83.4

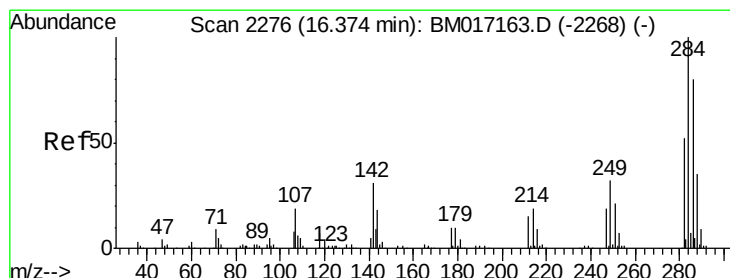
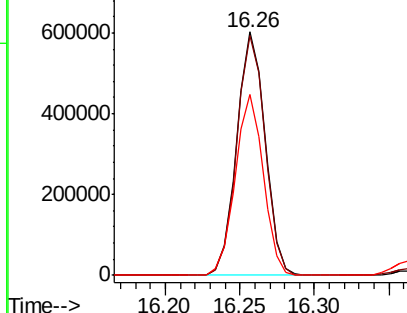
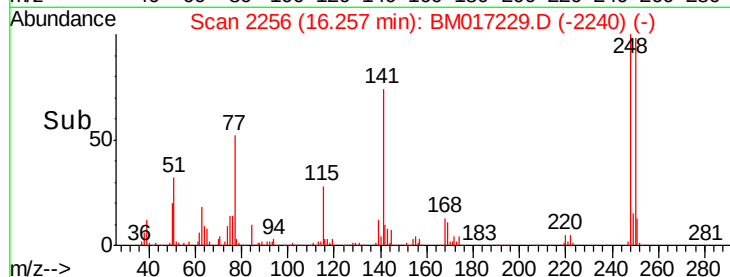


Abundance

Ion 248.00 (247.70 to 248.70): E

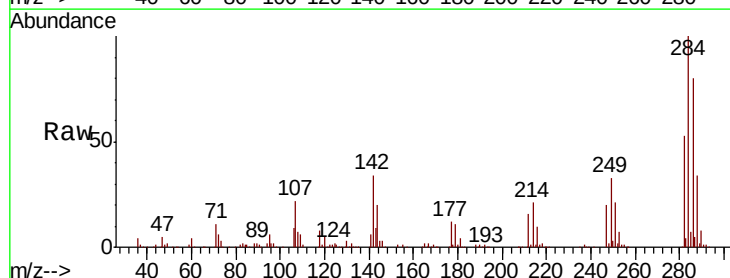
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.487 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.0	37.6
249	32.7	25.5	38.3

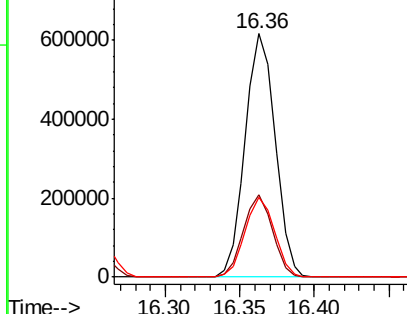
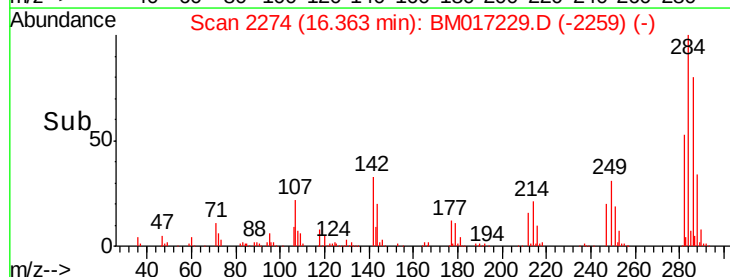


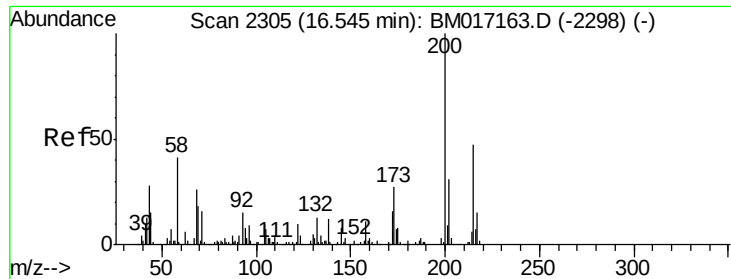
Abundance

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

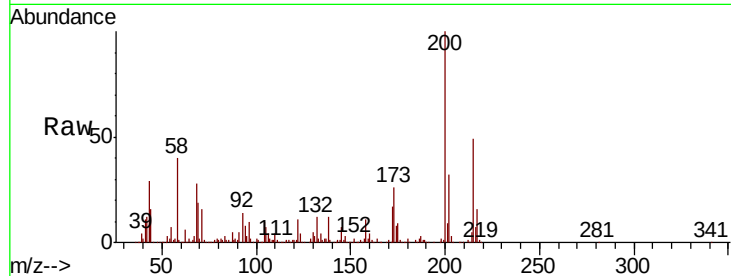




#69
Atrazine
Concen: 43.007 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.0	47.0
215	48.7	27.3	67.3

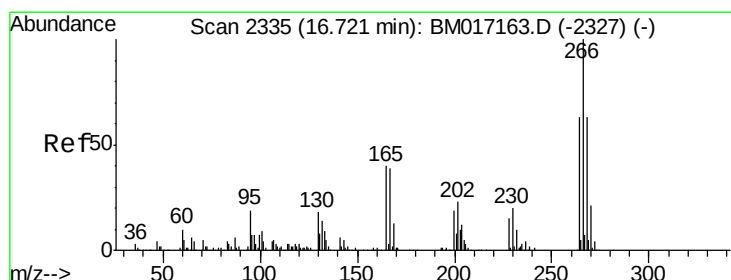
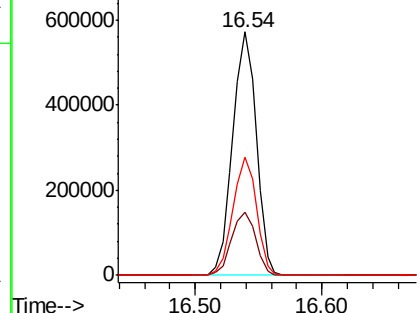
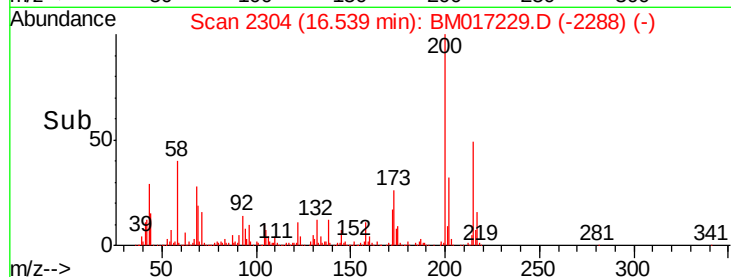


Abundance

Ion 200.00 (199.70 to 200.70): E

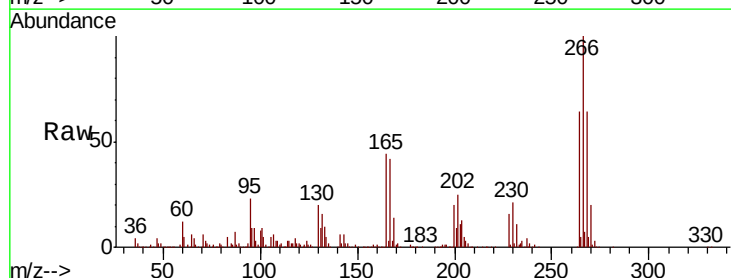
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 70.045 ng
RT: 16.71 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.7	76.1
264	64.0	50.4	75.6

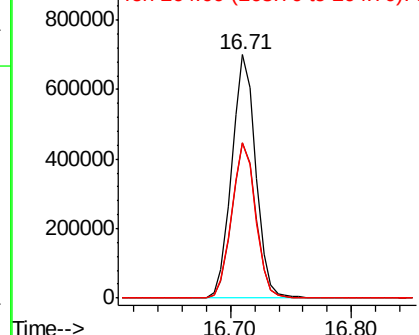
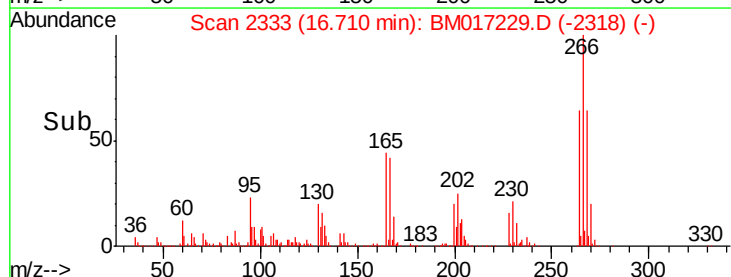


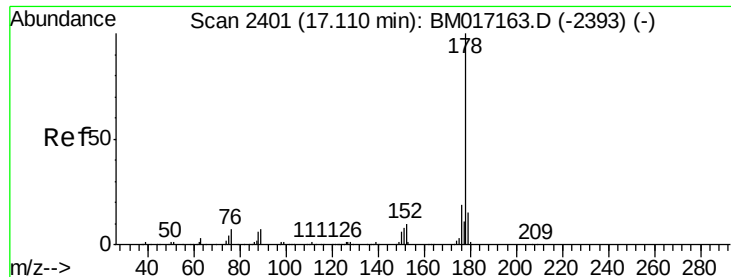
Abundance

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: 43.288 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

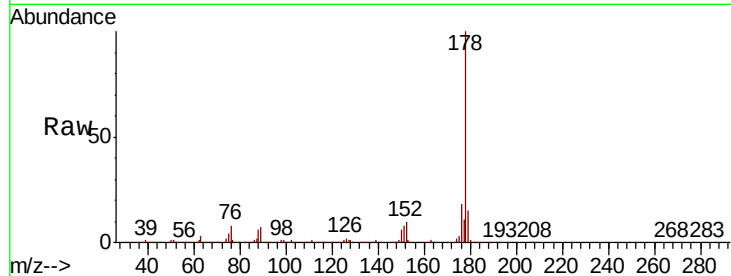
Tot Ion:178 Resp: 3699192

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

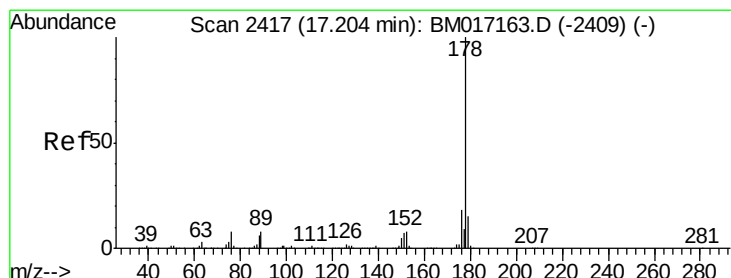
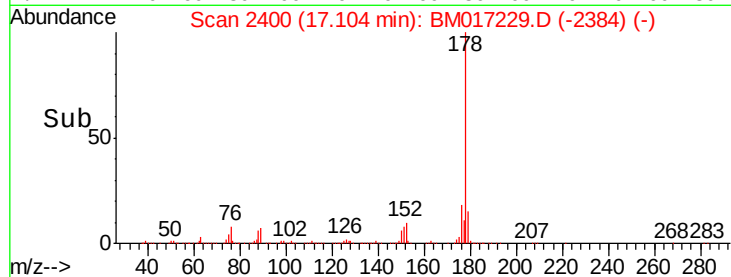
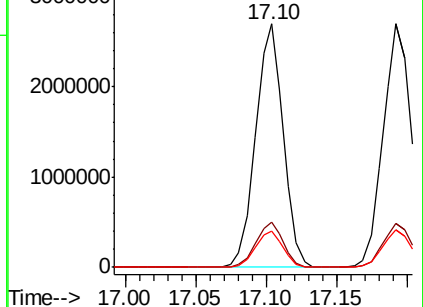
179 15.0 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.206 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

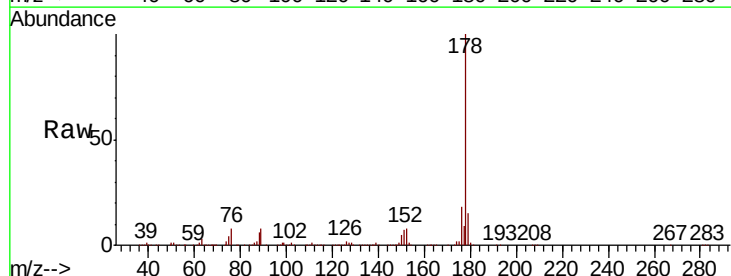
Tgt Ion:178 Resp: 3751839

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

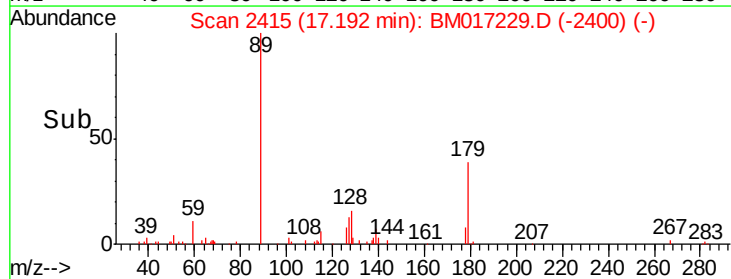
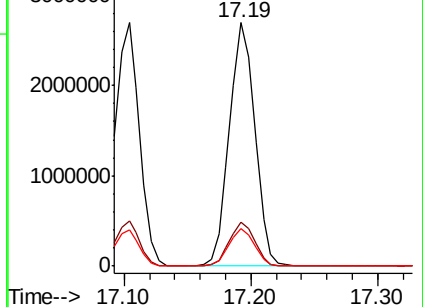
179 15.4 12.2 18.2

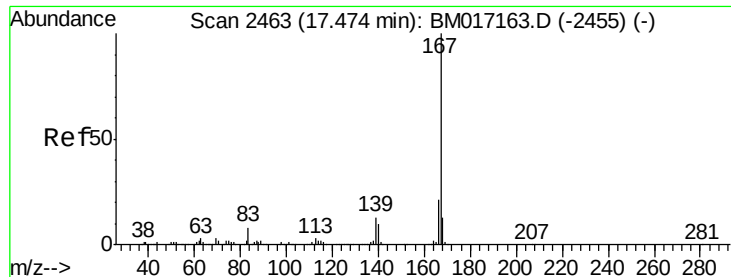


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.500 ng

RT: 17.47 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

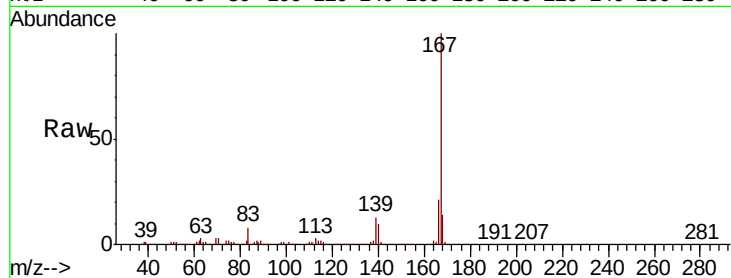
Instrument :

BNA_M

ClientSampled :

Tot Ion:167 Resp: 3110406

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	12.6	10.1	15.1

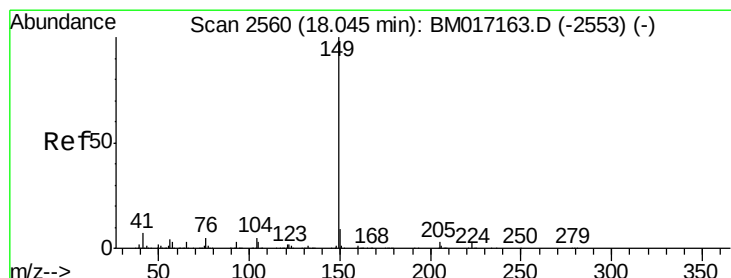
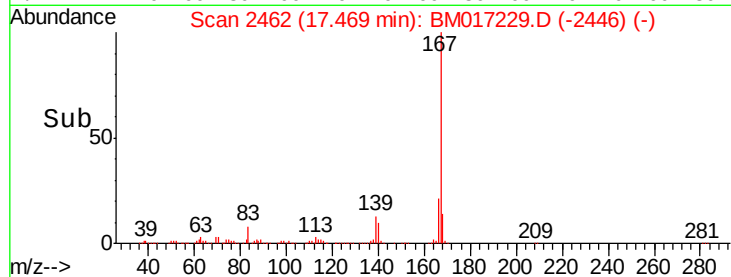
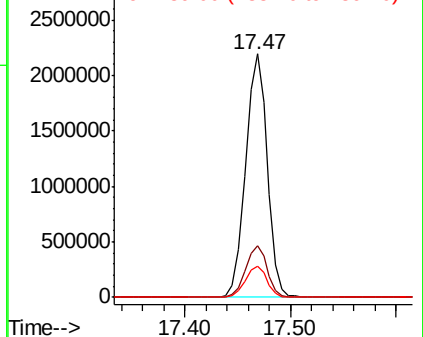


Abundance

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: 41.335 ng

RT: 18.04 min Scan# 2559

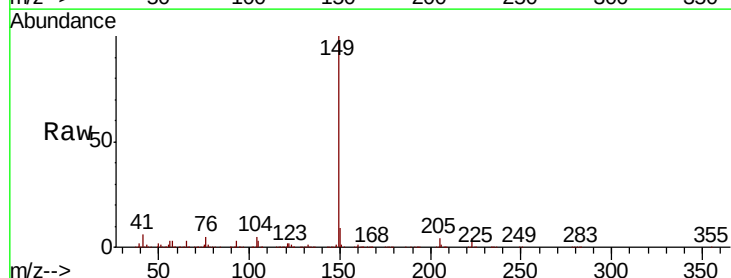
Delta R.T. -0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:149 Resp: 3616060

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.0	4.3	6.5

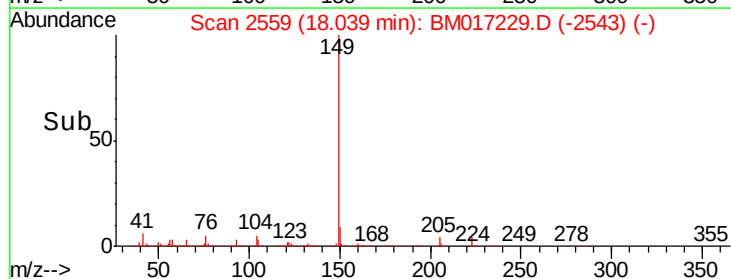
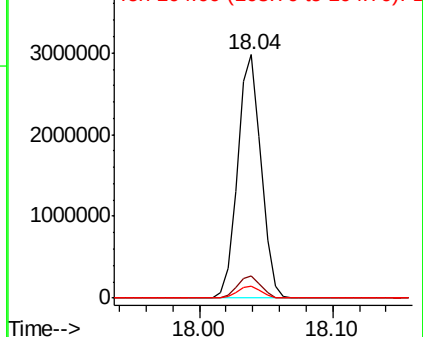


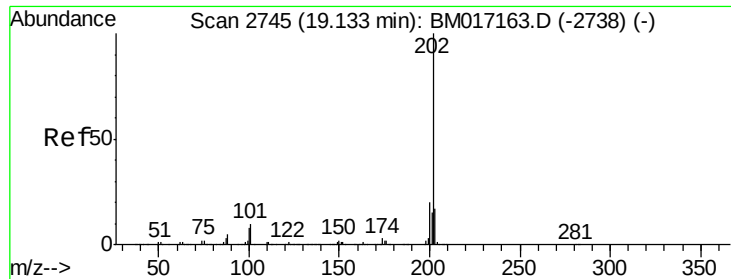
Abundance

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: 38.683 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

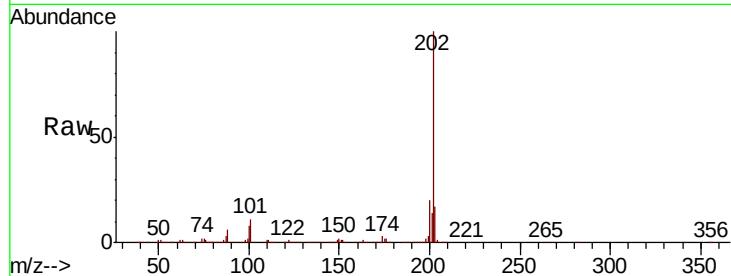
Tot Ion:202 Resp: 3719750

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.0

203 17.4 0.0 37.2

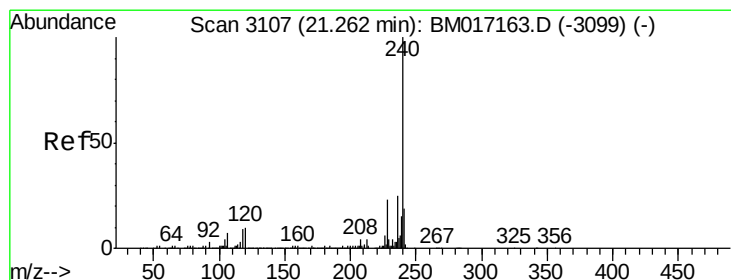
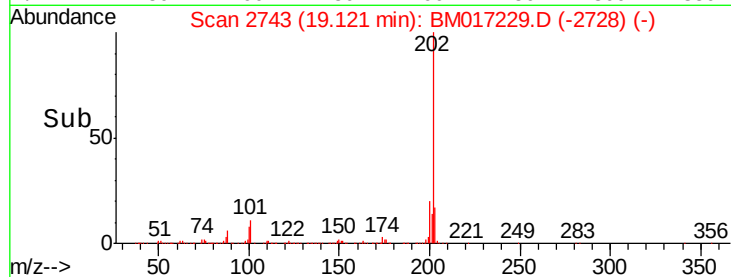
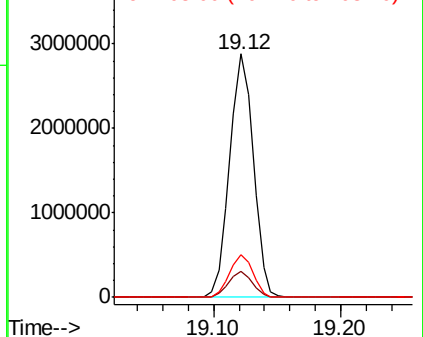


Abundance

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: BM017229.D

Acq: 19 Oct 2018 14:38

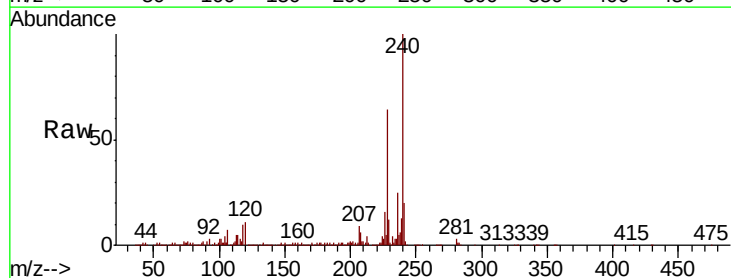
Tgt Ion:240 Resp: 1220503

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

236 24.7 19.9 29.9

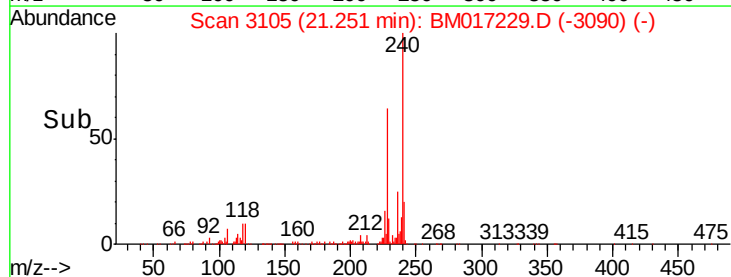
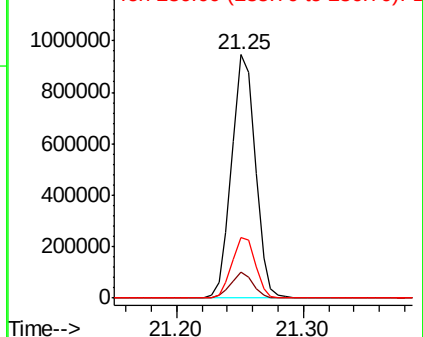


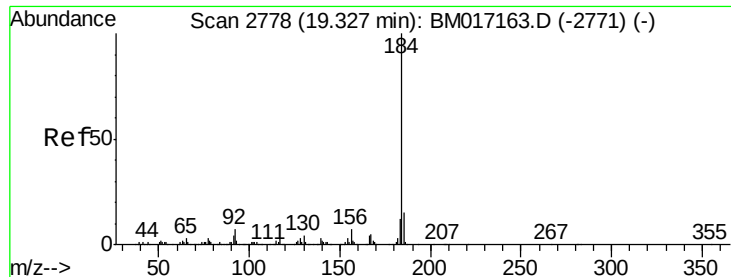
Abundance

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: 58.535 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

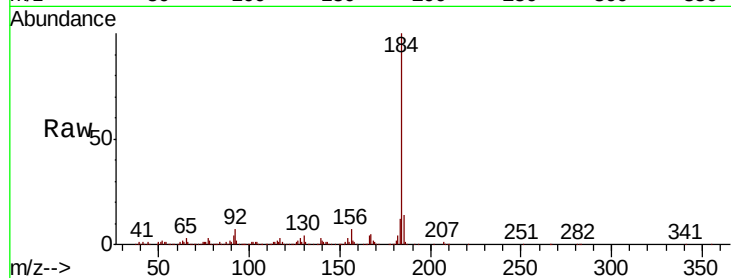
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1811530

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.8	17.8
183	11.6	9.7	14.5

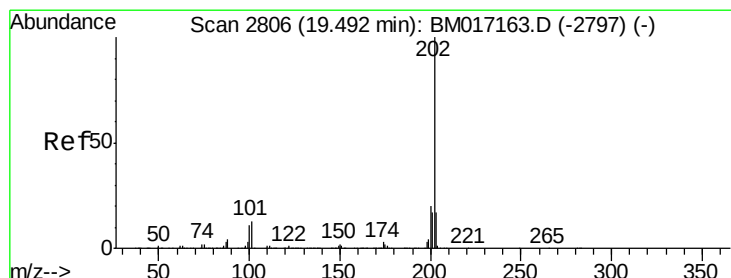
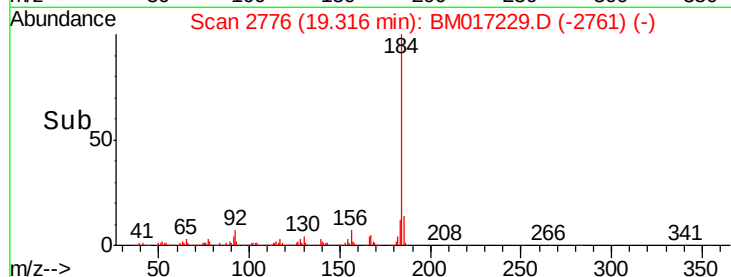
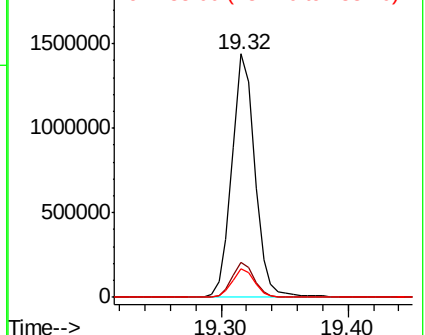


Abundance

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: 54.367 ng

RT: 19.49 min Scan# 2805

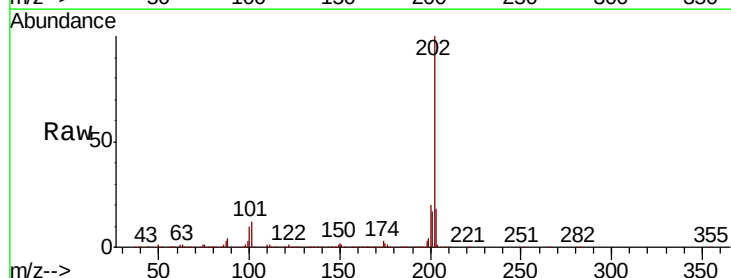
Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:202 Resp: 3708639

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.5	13.9	20.9

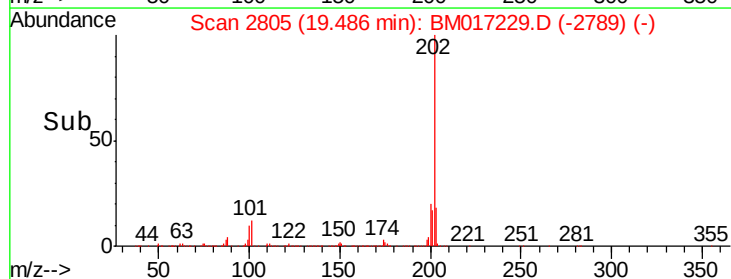
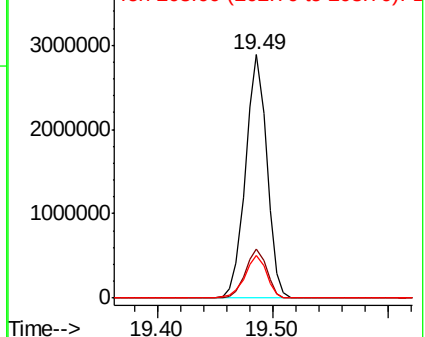


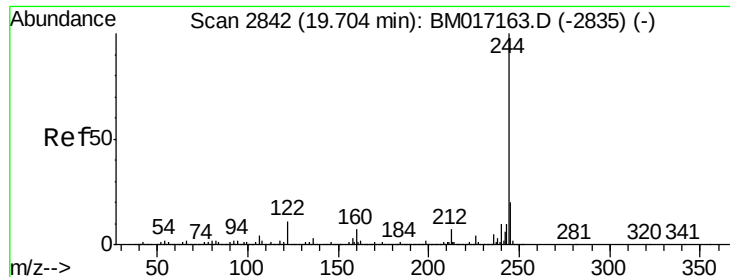
Abundance

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: 76.083 ng

RT: 19.70 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

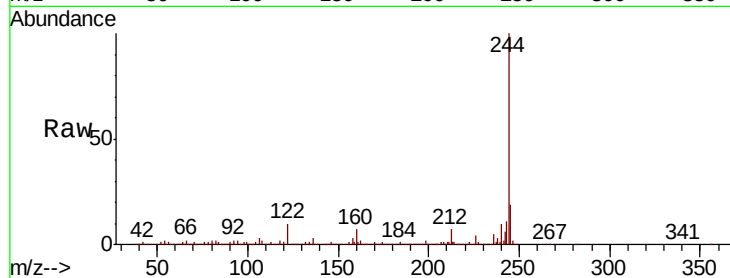
Tot Ion:244 Resp: 4119764

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

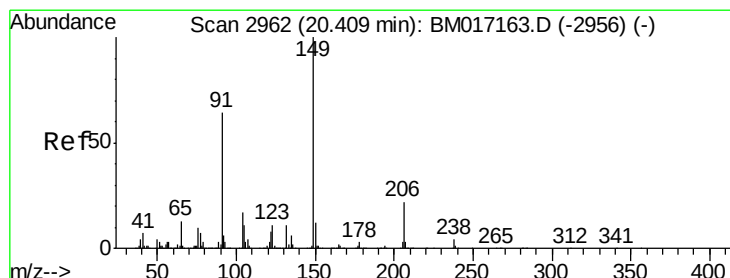
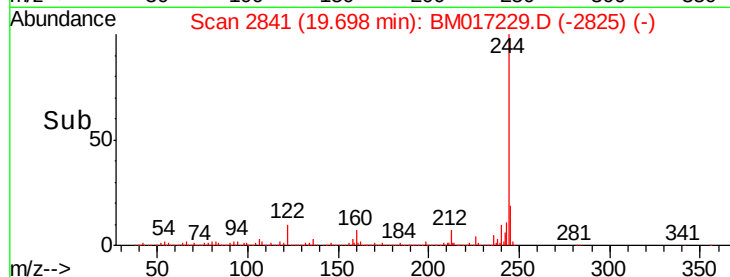
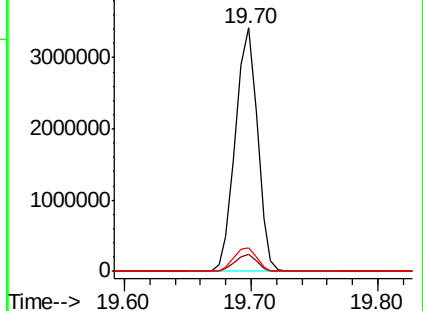
122 9.7 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.090 ng

RT: 20.40 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

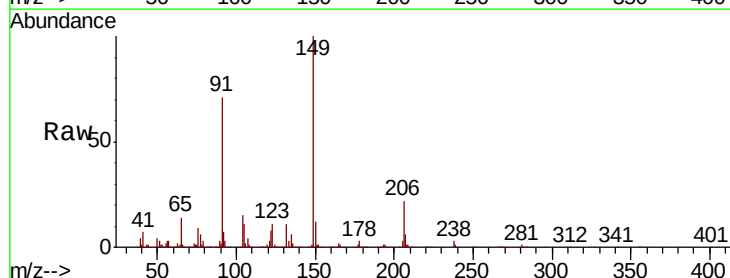
Tgt Ion:149 Resp: 1309749

Ion Ratio Lower Upper

149 100

91 71.1 51.3 76.9

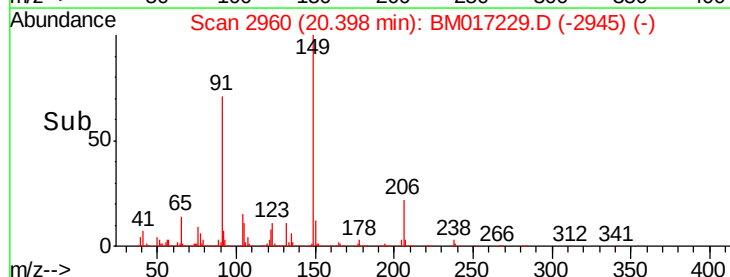
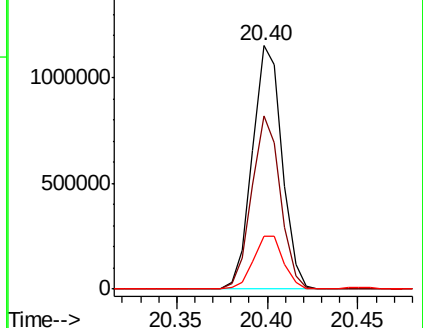
206 21.6 18.0 27.0

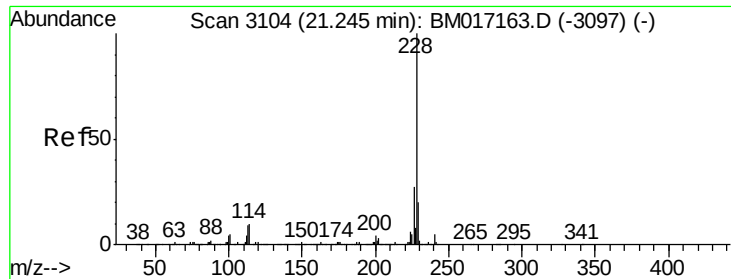


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

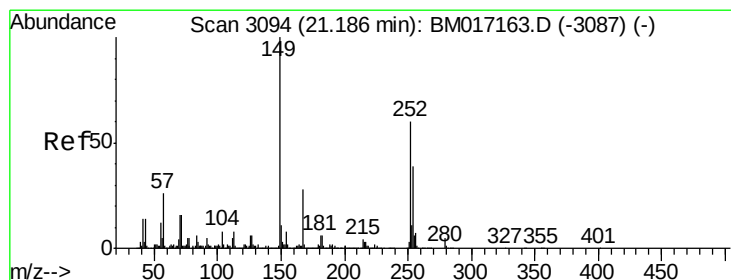
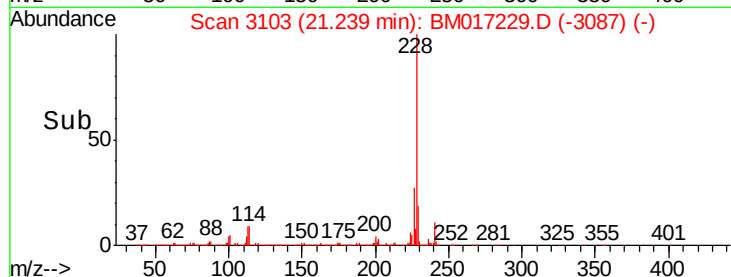
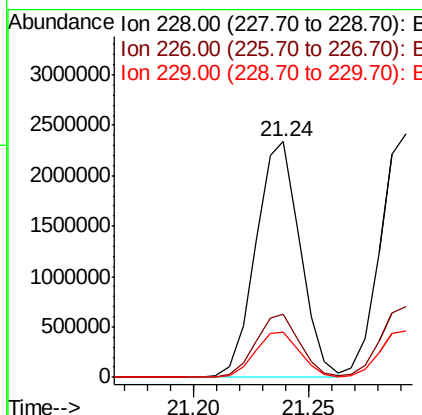
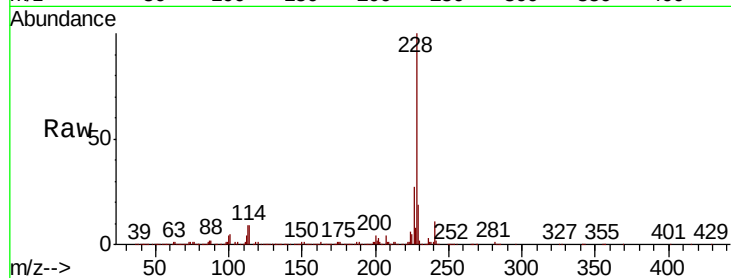




#81
Benzo(a)anthracene
Concen: 45.346 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

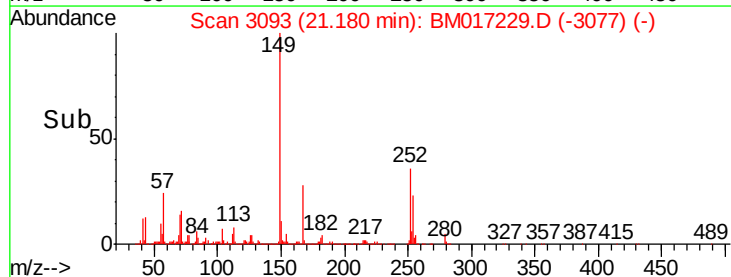
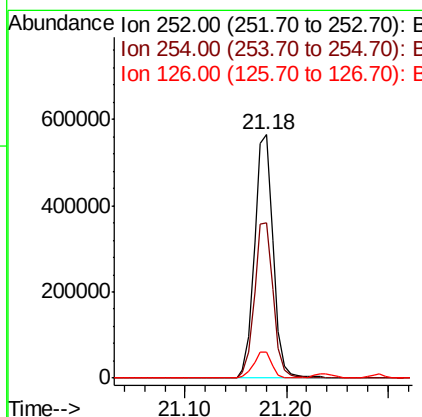
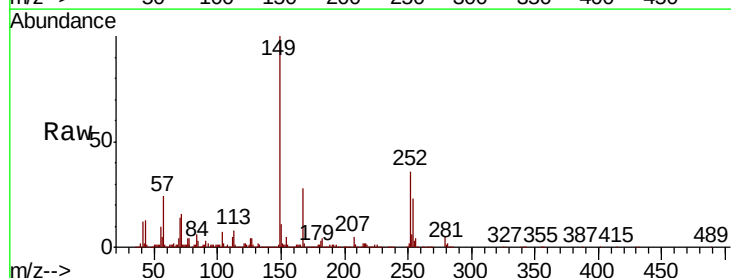
Instrument :
BNA_M
ClientSampleId :

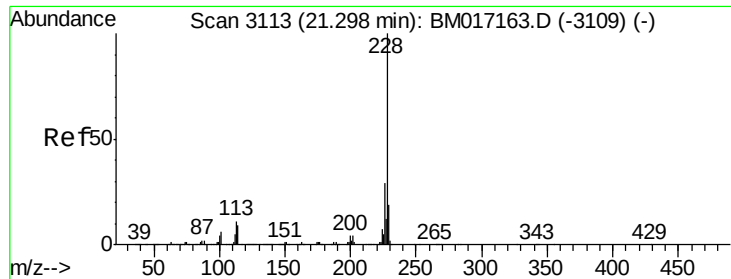
Tot Ion:228 Resp: 3114499
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 19.4 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 28.060 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:252 Resp: 718292
Ion Ratio Lower Upper
252 100
254 63.8 52.1 78.1
126 10.5 8.6 12.8





#83

Chrysene

Concen: 43.360 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Instrument :

BNA_M

ClientSampleId :

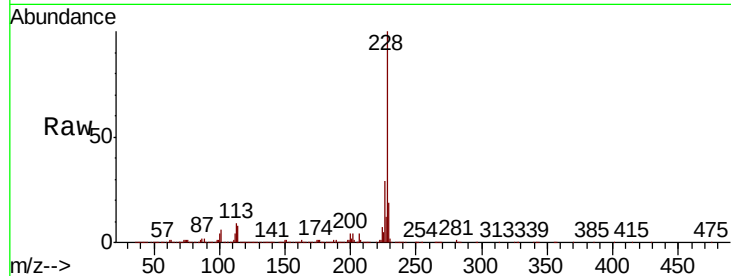
Tot Ion:228 Resp: 2947725

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	19.3	15.6	23.4

228 100

226 29.1 23.3 34.9

229 19.3 15.6 23.4

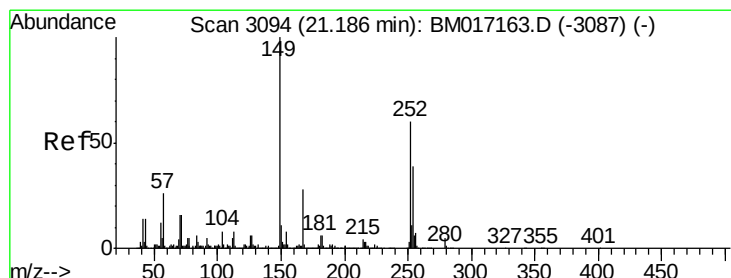
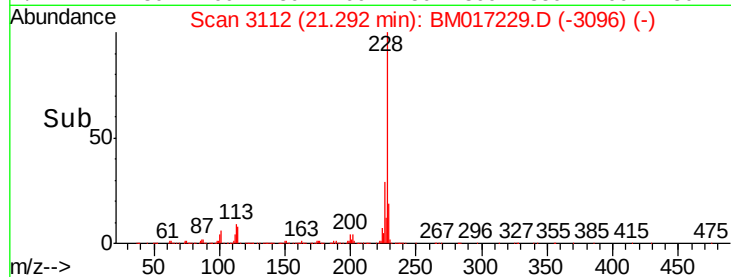
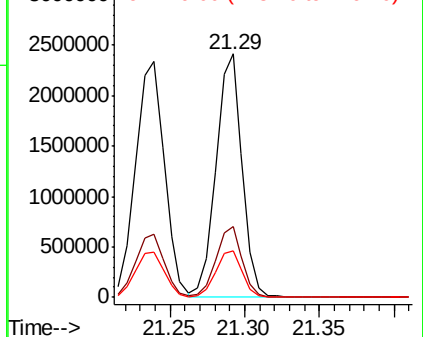


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.277 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

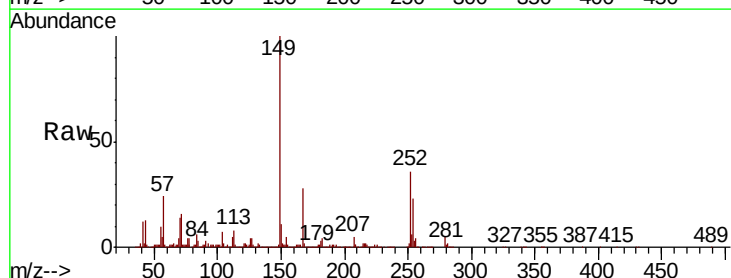
Tgt Ion:149 Resp: 1784744

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.2	33.4
279	5.0	3.6	5.4

149 100

167 28.4 22.2 33.4

279 5.0 3.6 5.4

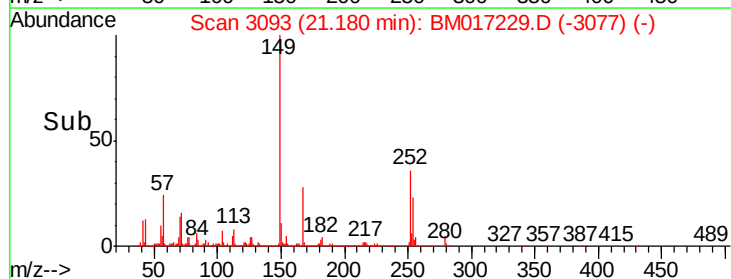
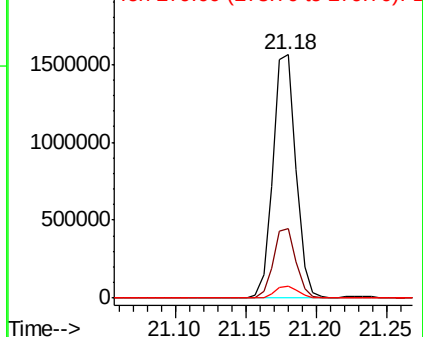


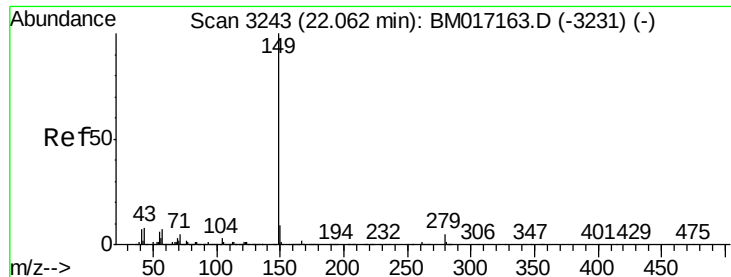
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

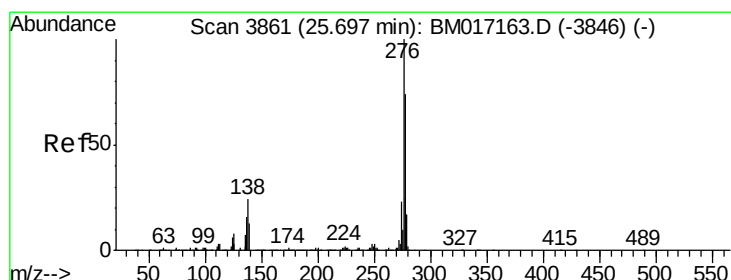
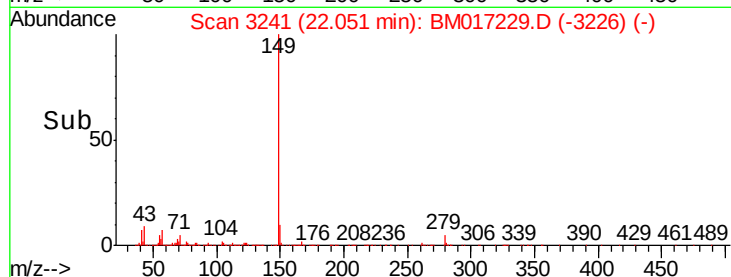
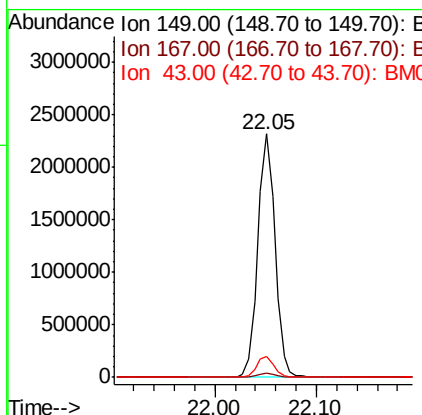
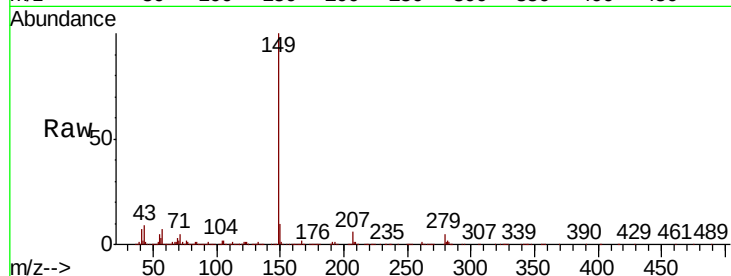




#85
Di-n-octyl phthalate
Concen: 41.636 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

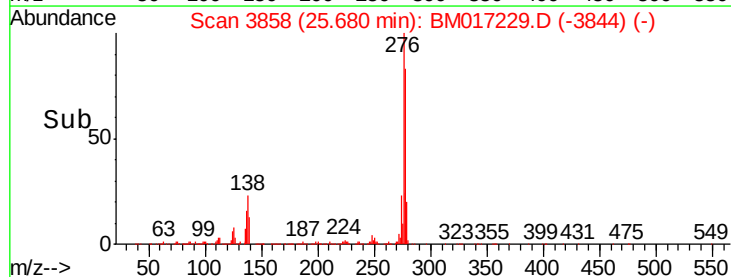
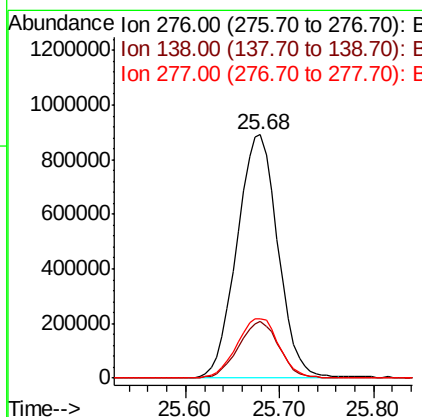
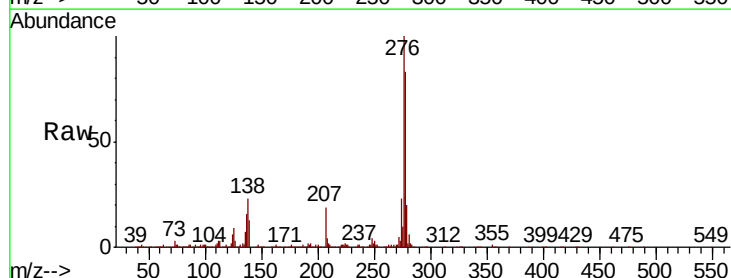
Instrument :
BNA_M
ClientSampleId :

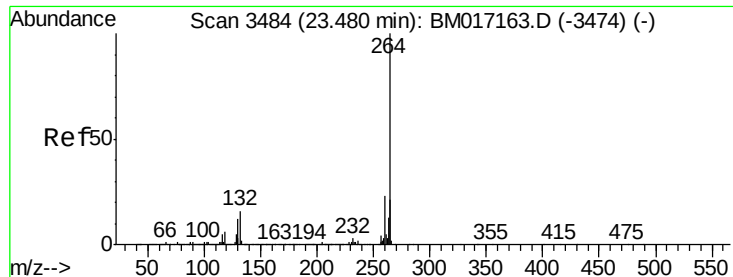
Tot Ion:149 Resp: 2745143
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.7 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.382 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:276 Resp: 2690360
Ion Ratio Lower Upper
276 100
138 23.0 19.5 29.3
277 25.2 20.1 30.1



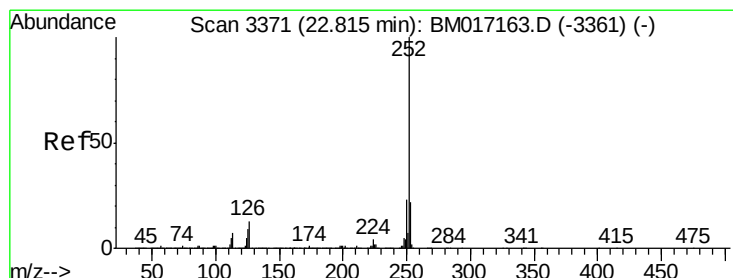
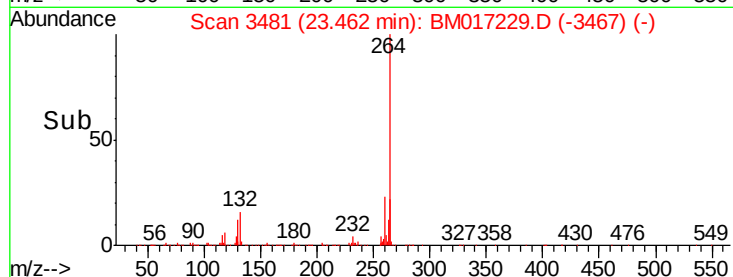
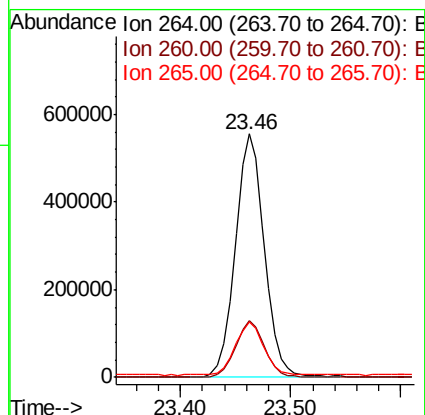
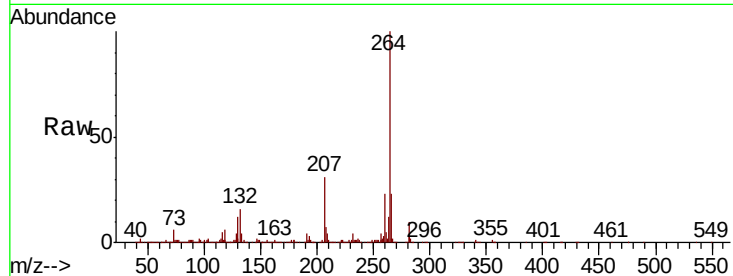


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1024922

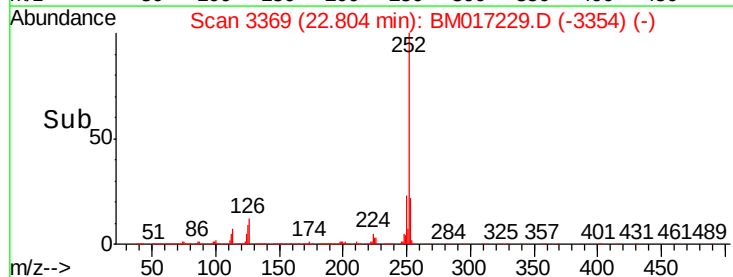
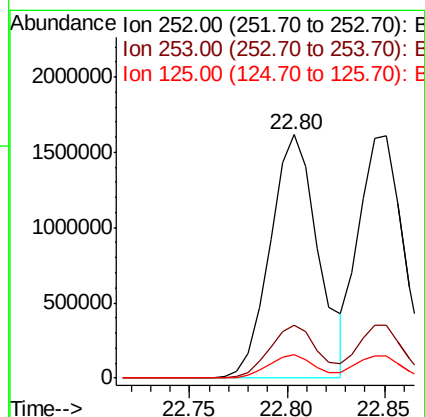
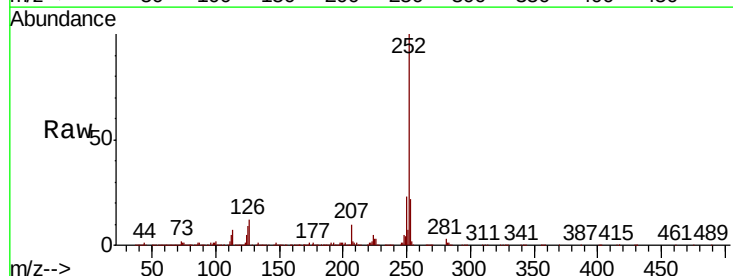
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.7	17.8	26.8

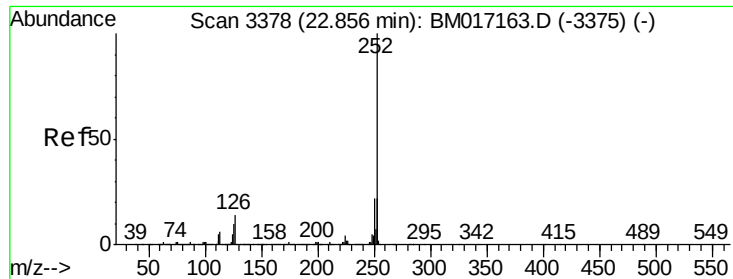


#88
Benzo(b)fluoranthene
Concen: 49.241 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:252 Resp: 2759299

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.4	7.5	11.3

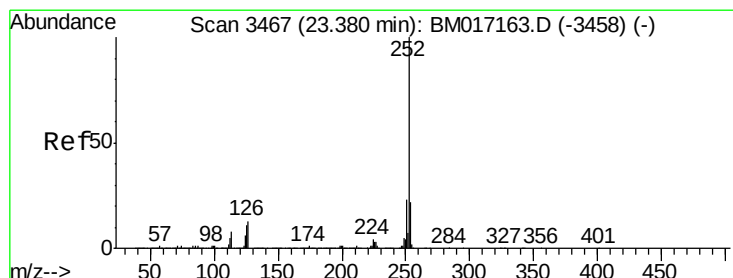
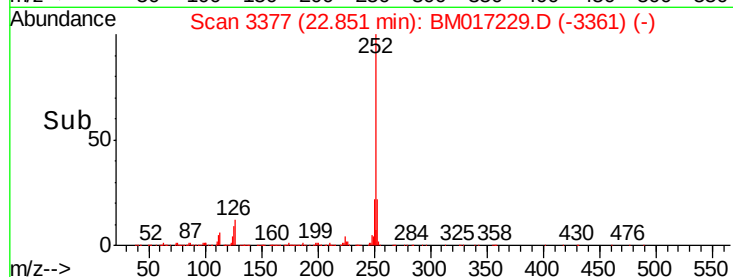
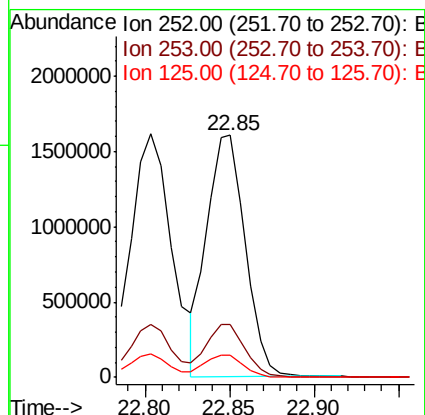
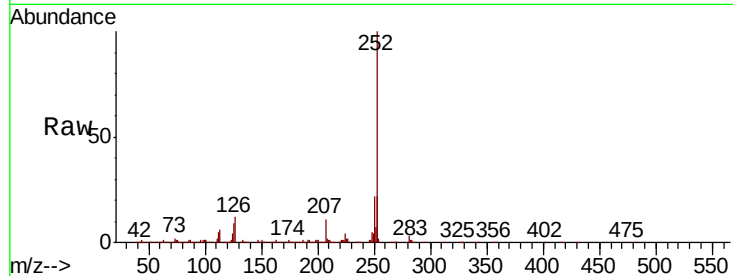




#89
Benzo(k)fluoranthene
Concen: 45.209 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

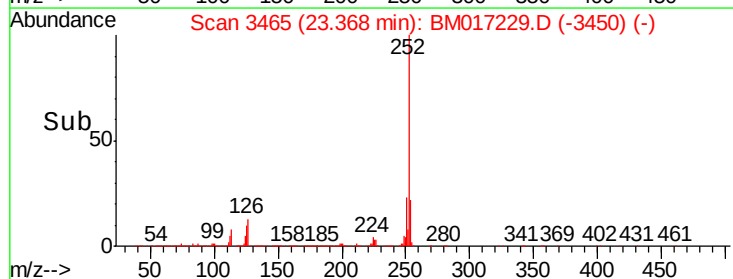
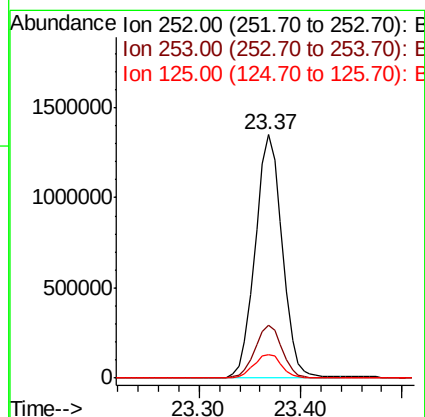
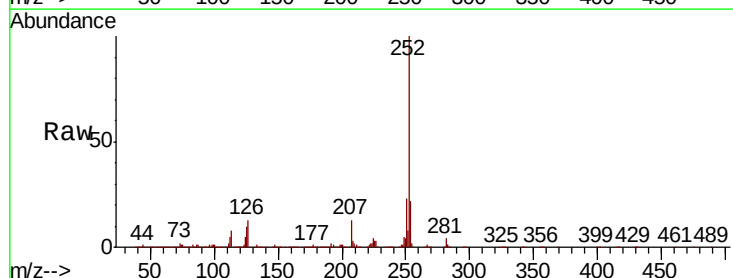
Instrument :
BNA_M
ClientSampleId :

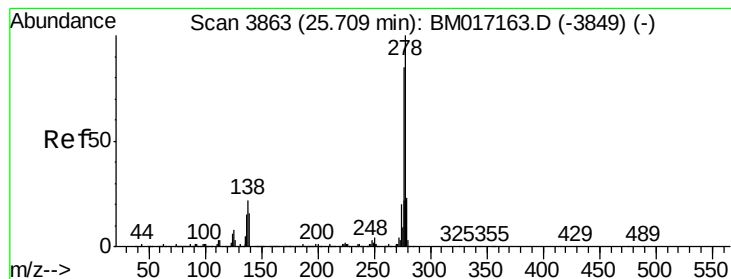
Tot Ion:252 Resp: 2542039
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.0 8.2 12.2



#90
Benzo(a)pyrene
Concen: 46.846 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017229.D
Acq: 19 Oct 2018 14:38

Tgt Ion:252 Resp: 2492409
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.362 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

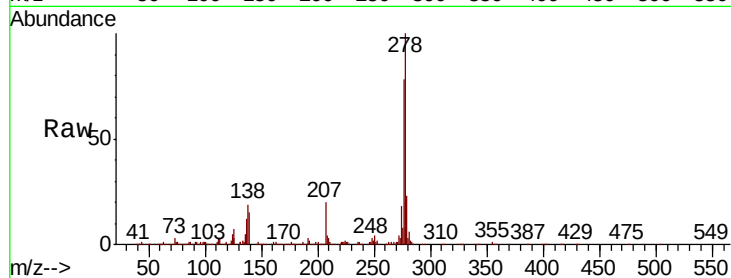
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2290819

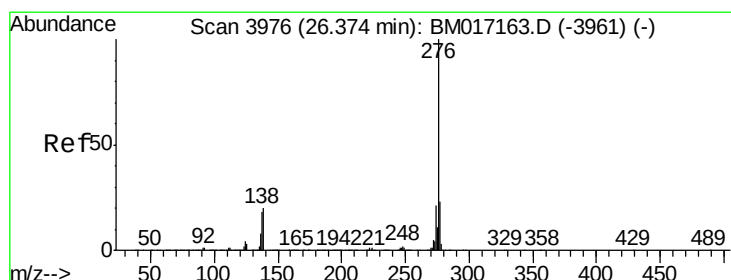
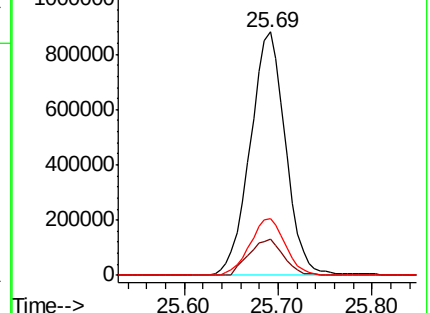
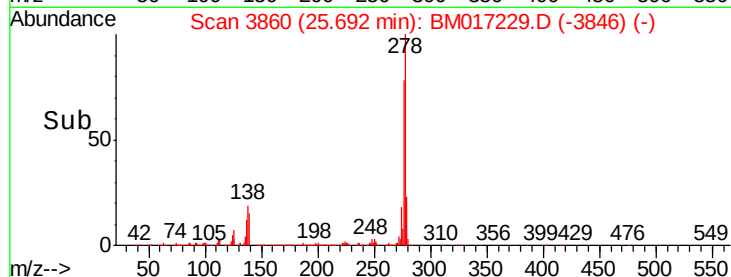
Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.7	19.1
279	23.5	18.7	28.1



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: 43.221 ng

RT: 26.35 min Scan# 3972

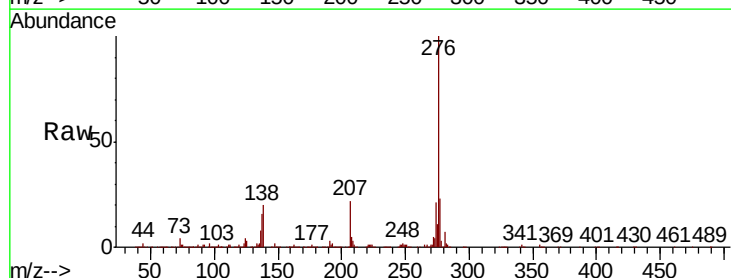
Delta R.T. -0.02 min

Lab File: BM017229.D

Acq: 19 Oct 2018 14:38

Tgt Ion:276 Resp: 2263116

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	19.6	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

