

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
 Data File : BM017242.D
 Acq On : 19 Oct 2018 22:29
 Operator : MJ/SJ
 Sample : J5574-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 20 03:54:52 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	7.66	152	343523	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	1406426	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	784134	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	1554273	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1226724	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1183860	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2419118	119.11	ng	0.00
7) Phenol-d6	6.85	99	3300814	119.33	ng	0.00
23) Nitrobenzene-d5	8.82	82	2029182	84.38	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1231197	116.10	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	4365294	74.07	ng	-0.01
79) Terphenyl-d14	19.70	244	4794739	88.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	215587	20.786	ng	# 86
3) Pyridine	3.65	79	429731	18.008	ng	# 83
4) n-Nitrosodimethylamine	3.56	42	338529	35.337	ng	# 70
6) Aniline	7.01	93	1083579	31.318	ng	98
8) 2-Chlorophenol	7.24	128	874367	37.212	ng	98
9) Benzaldehyde	6.82	77	519170	29.435	ng	95
10) Phenol	6.88	94	1365725	45.874	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	773975	32.612	ng	99
12) 1,3-Dichlorobenzene	7.56	146	862232	31.478	ng	97
13) 1,4-Dichlorobenzene	7.70	146	880381	31.459	ng	98
14) 1,2-Dichlorobenzene	8.01	146	856283	31.758	ng	98
15) Benzyl Alcohol	7.91	79	780085	38.581	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1071908	32.329	ng	100
17) 2-Methylphenol	8.11	107	735754	38.503	ng	97
18) Hexachloroethane	8.73	117	309648	32.332	ng	99
19) n-Nitroso-di-n-propylamine	8.47	70	650273	35.701	ng	100
20) 3+4-Methylphenols	8.44	107	991148	37.923	ng	97
22) Acetophenone	8.49	105	1292577	36.256	ng	# 99
24) Nitrobenzene	8.86	77	956762	37.613	ng	95
25) Isophorone	9.39	82	1720084	43.317	ng	98
26) 2-Nitrophenol	9.56	139	458071	39.610	ng	95
27) 2,4-Dimethylphenol	9.63	122	819767	46.687	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1095214	39.186	ng	99
29) 2,4-Dichlorophenol	10.09	162	844542	41.426	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	858360	35.098	ng	98
31) Naphthalene	10.49	128	2625019	38.086	ng	99
32) Benzoic acid	9.73	122	176777	13.493	ng	95
33) 4-Chloroaniline	10.61	127	541842	18.203	ng	97
34) Hexachlorobutadiene	10.77	225	518981	33.492	ng	98
35) Caprolactam	11.40	113	70911	9.544	ng	93
36) 4-Chloro-3-methylphenol	11.74	107	896792	39.025	ng	97
37) 2-Methylnaphthalene	12.11	142	1932824	40.981	ng	98
38) 1-Methylnaphthalene	12.33	142	1849644	40.293	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1002641	36.308	ng	98

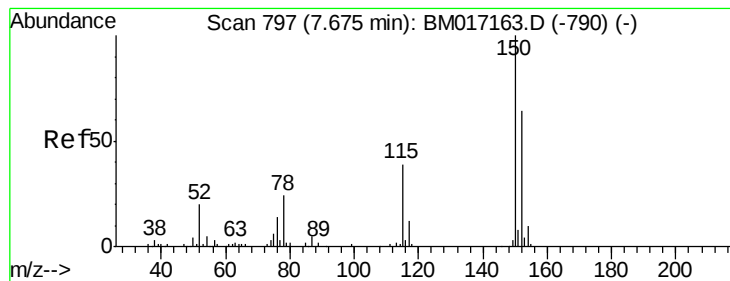
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101918\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1393813	104.407	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	676484	42.200	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	720604	41.920	ng	98
46) 1,1'-Biphenyl	13.13	154	2439332	34.569	ng	99
47) 2-Chloronaphthalene	13.17	162	1900604	36.612	ng	99
48) 2-Nitroaniline	13.39	65	551376	38.828	ng	99
49) Acenaphthylene	14.03	152	3030602	40.276	ng	99
50) Dimethylphthalate	13.77	163	2852082	47.145	ng	99
51) 2,6-Dinitrotoluene	13.89	165	502819	37.763	ng	94
52) Acenaphthene	14.37	154	1754096	37.128	ng	98
53) 3-Nitroaniline	14.22	138	363716	25.222	ng	92
54) 2,4-Dinitrophenol	14.43	184	395911	53.699	ng	97
55) Dibenzofuran	14.71	168	2788029	35.486	ng	99
56) 4-Nitrophenol	14.55	139	1134070	85.917	ng	97
57) 2,4-Dinitrotoluene	14.69	165	671379	37.516	ng	100
58) Fluorene	15.36	166	2182638	37.532	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	620928	39.628	ng	97
60) Diethylphthalate	15.15	149	2185126	36.422	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1127875	34.020	ng	97
62) 4-Nitroaniline	15.39	138	498256	32.648	ng	94
63) Azobenzene	15.65	77	2105616	36.108	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	367419	38.445	ng	98
66) n-Nitrosodiphenylamine	15.58	169	1930742	41.058	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	694447	40.692	ng	99
68) Hexachlorobenzene	16.36	284	746322	37.648	ng	99
69) Atrazine	16.54	200	638195	37.920	ng	97
70) Pentachlorophenol	16.71	266	847228	62.388	ng	100
71) Phenanthrene	17.10	178	3199070	38.149	ng	99
72) Anthracene	17.19	178	3244359	40.717	ng	100
73) Carbazole	17.46	167	2838102	34.869	ng	99
74) Di-n-butylphthalate	18.03	149	3176959	37.007	ng	100
75) Fluoranthene	19.12	202	3246998	34.410	ng	99
77) Benzidine	19.32	184	798360	25.666	ng	99
78) Pyrene	19.48	202	3230512	47.118	ng	100
80) Butylbenzylphthalate	20.40	149	1159254	44.966	ng	96
81) Benzo(a)anthracene	21.23	228	2758437	39.958	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	680582	26.452	ng	100
83) Chrysene	21.29	228	2605492	38.132	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1589197	40.717	ng	99
85) Di-n-octyl phthalate	22.05	149	2545109	38.838	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	3059968	40.039	ng	98
88) Benzo(b)fluoranthene	22.80	252	2557299	39.510	ng	100
89) Benzo(k)fluoranthene	22.84	252	2521871	38.829	ng	99
90) Benzo(a)pyrene	23.37	252	2475096	40.275	ng	99
91) Dibenzo(a,h)anthracene	25.69	278	2572477	42.156	ng	98
92) Benzo(g,h,i)perylene	26.35	276	2581783	42.687	ng	99

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

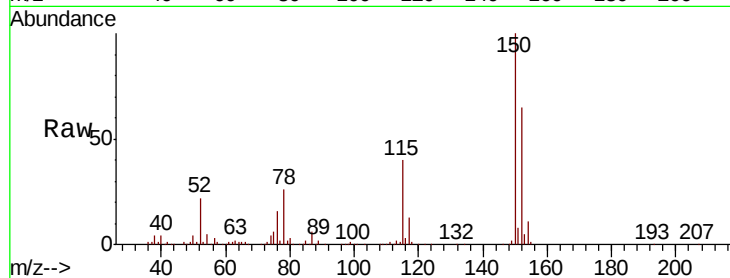


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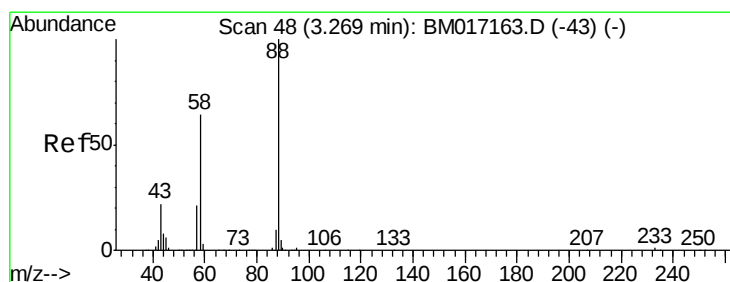
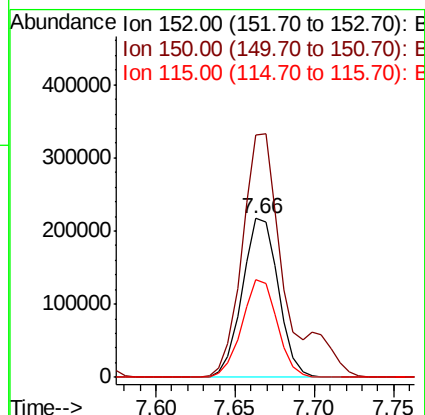
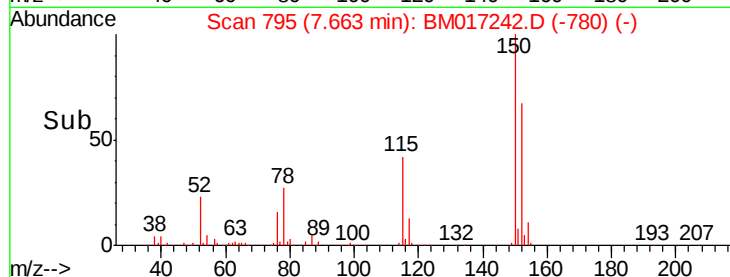
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.3	186.5
115	61.7	48.1	72.1



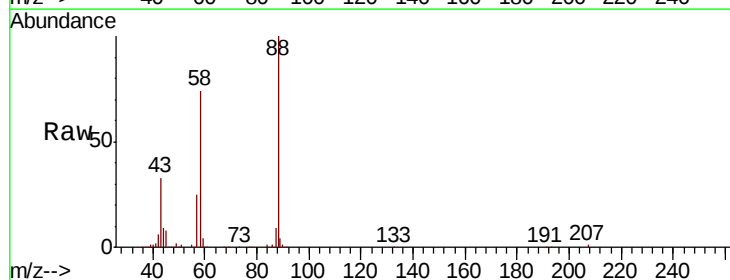
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



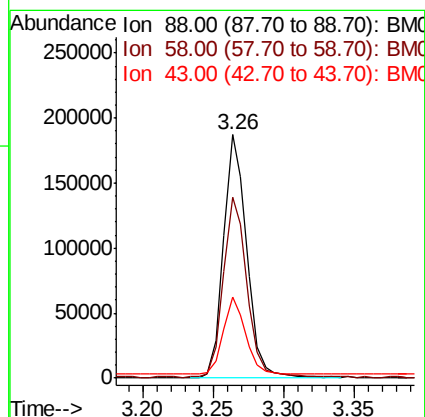
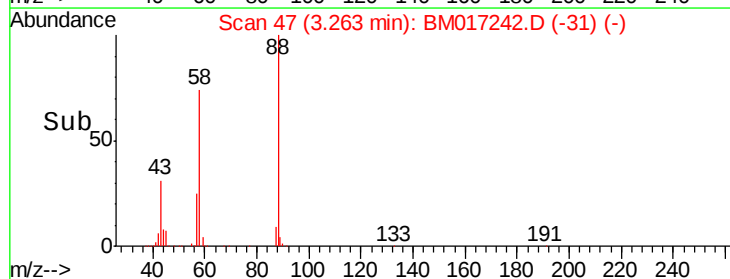
#2

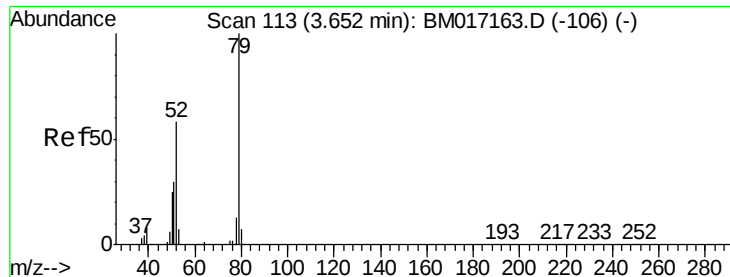
1,4-Dioxane
Concen: 20.786 ng
RT: 3.26 min Scan# 47
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	50.2	75.4
43	30.8	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: 18.008 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampleId :

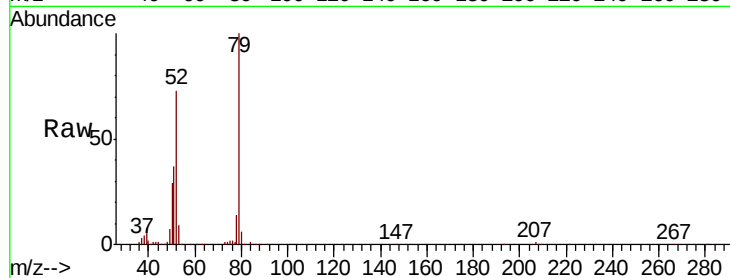
Tot Ion: 79 Resp: 429731

Ion Ratio Lower Upper

79 100

52 73.2 46.5 69.7#

51 36.7 24.6 37.0

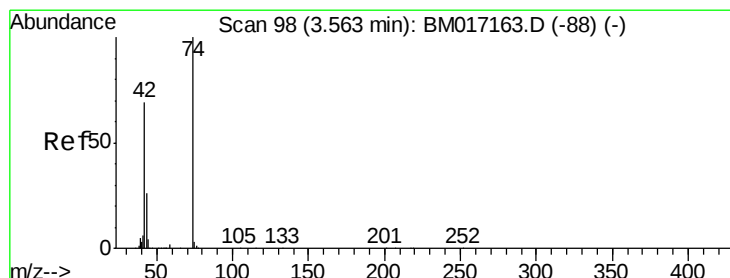
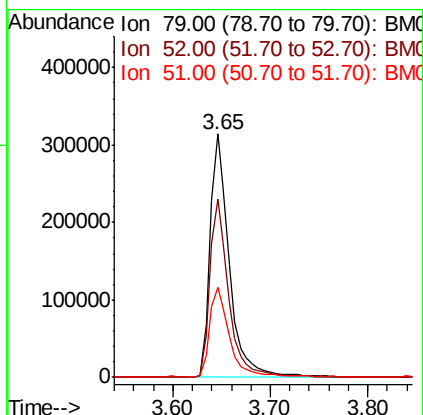
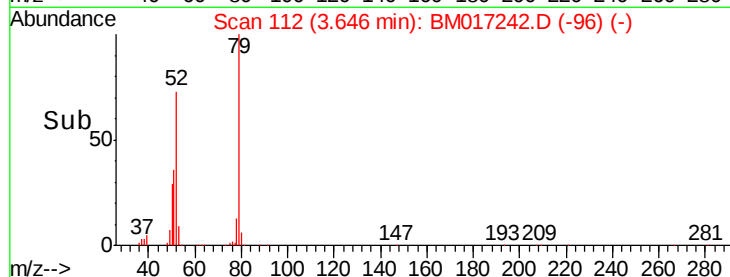


Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

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

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

Time-->



#4

n-Nitrosodimethylamine

Concen: 35.337 ng

RT: 3.56 min Scan# 98

Delta R.T. -0.00 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

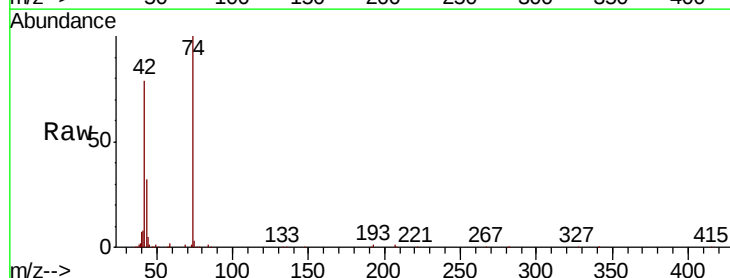
Tgt Ion: 42 Resp: 338529

Ion Ratio Lower Upper

42 100

74 126.9 114.4 171.6

44 6.4 48.6 73.0#

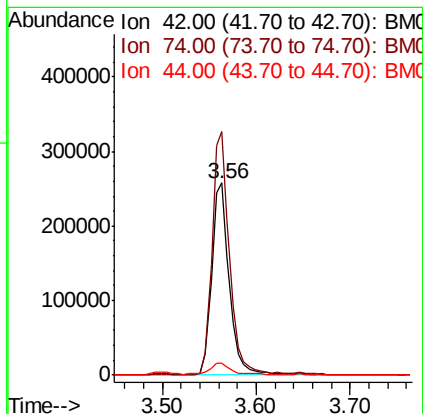
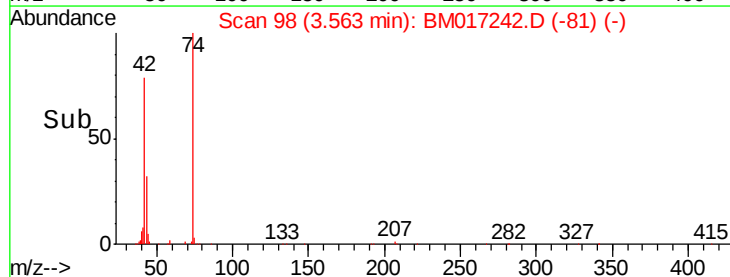


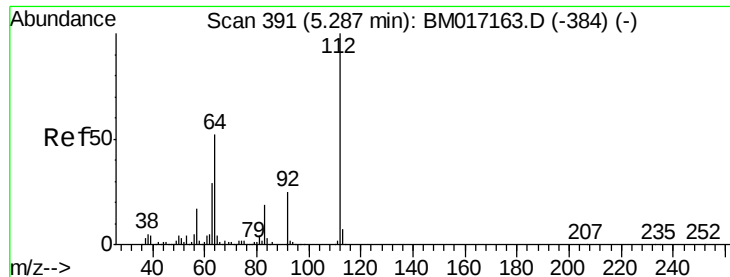
Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

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

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

Time-->





#5

2-Fluorophenol

Concen: 119.105 ng

RT: 5.28 min Scan# 390

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampleId :

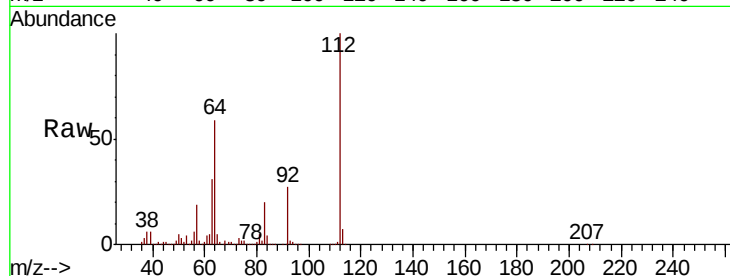
Tot Ion:112 Resp: 2419118

Ion Ratio Lower Upper

112 100

64 58.5 41.7 62.5

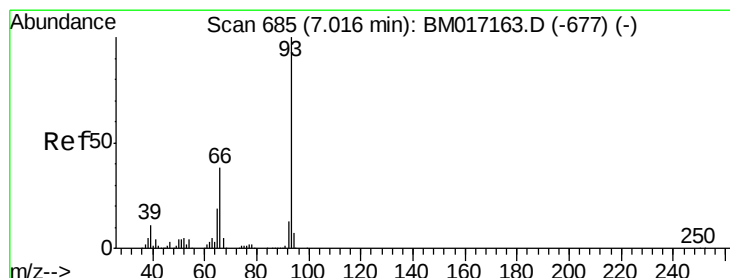
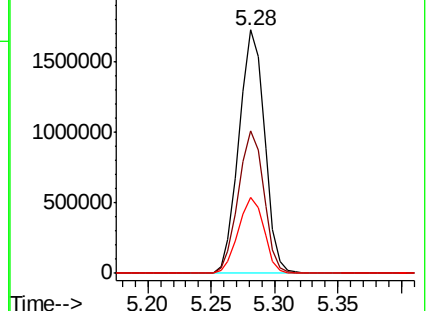
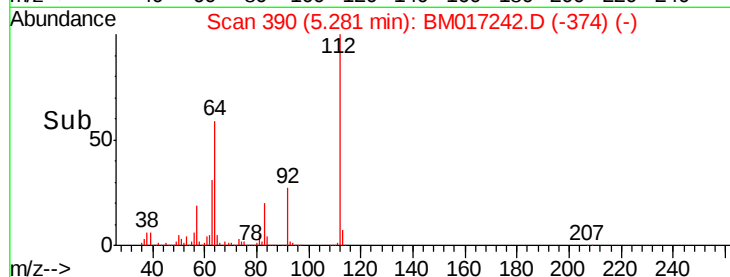
63 31.1 23.0 34.4



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: 31.318 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

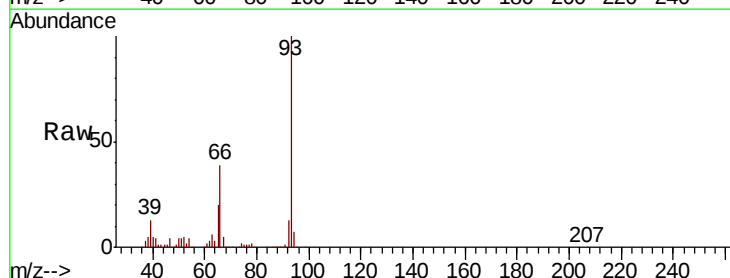
Tgt Ion: 93 Resp: 1083579

Ion Ratio Lower Upper

93 100

66 39.3 30.4 45.6

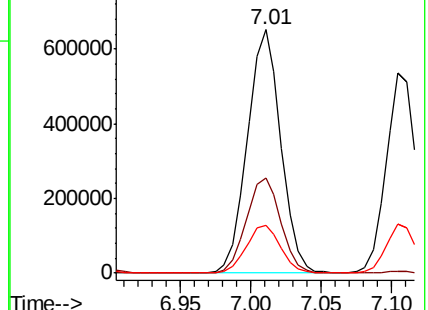
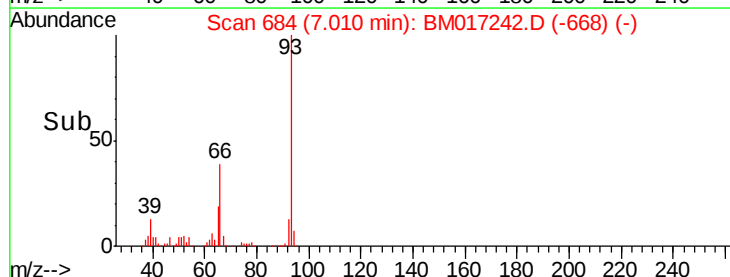
65 19.6 15.3 22.9

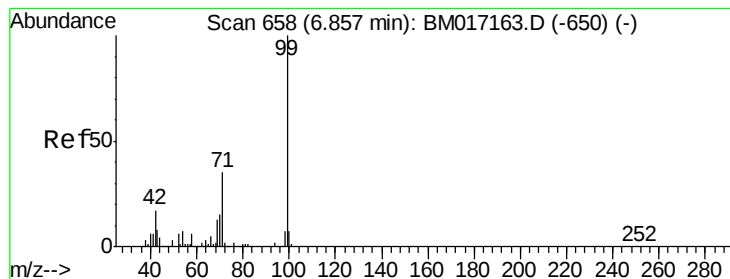


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 119.326 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampleId :

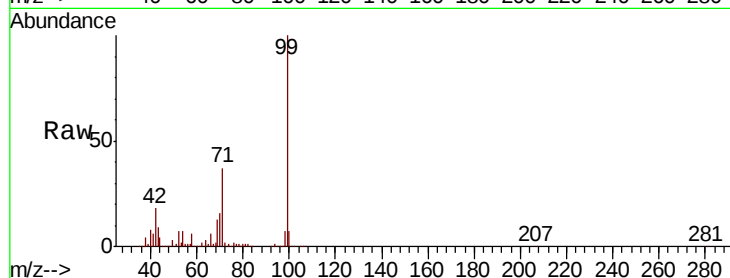
Tot Ion: 99 Resp: 3300814

Ion Ratio Lower Upper

99 100

42 18.2 13.3 19.9

71 37.0 28.0 42.0

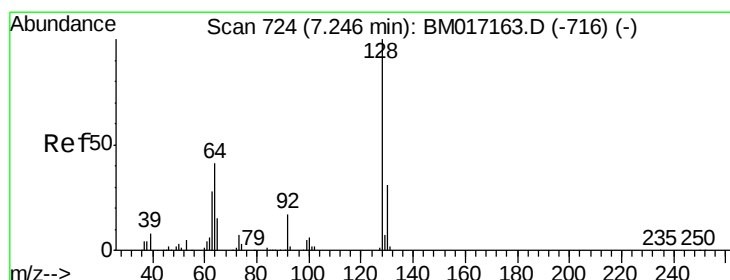
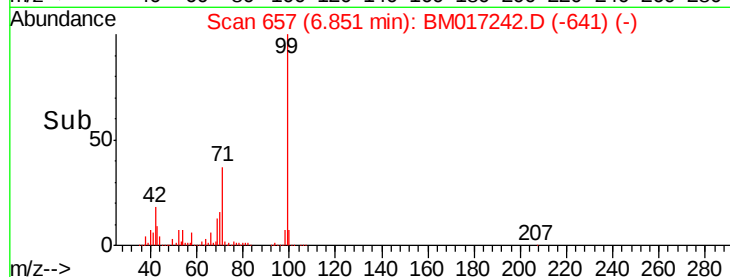
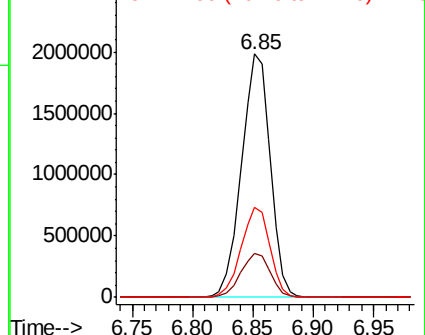


Abundance

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: 37.212 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

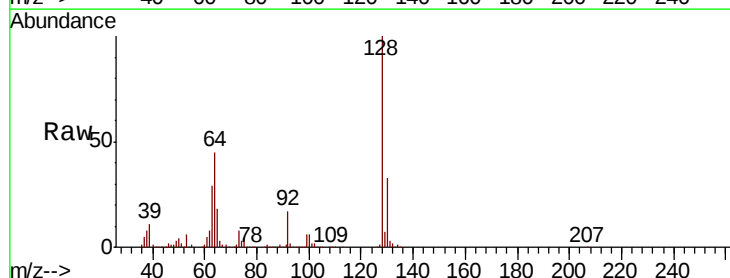
Tgt Ion: 128 Resp: 874367

Ion Ratio Lower Upper

128 100

130 32.5 11.0 51.0

64 44.9 24.1 64.1

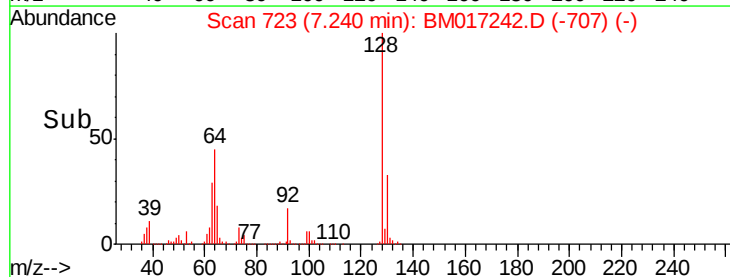
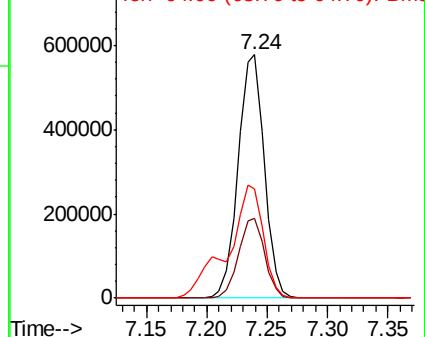


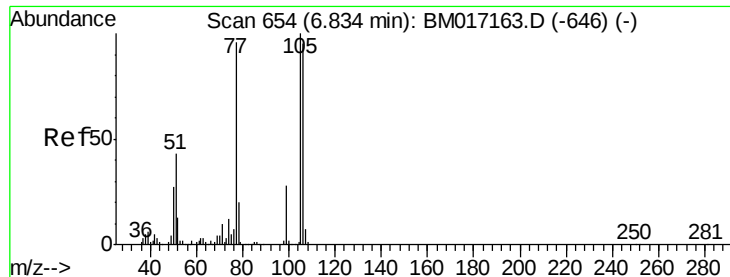
Abundance

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: 29.435 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampleId :

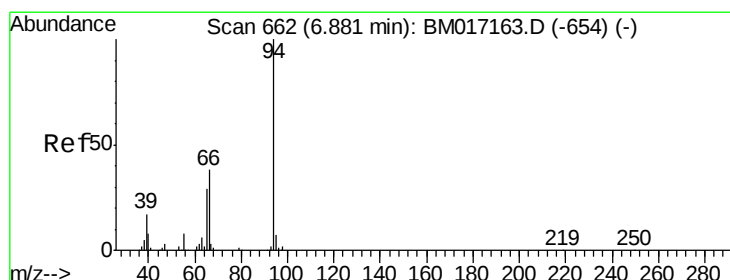
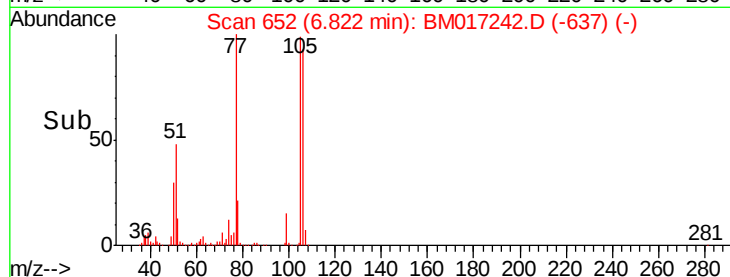
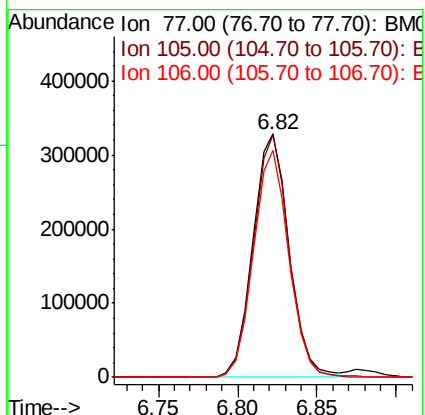
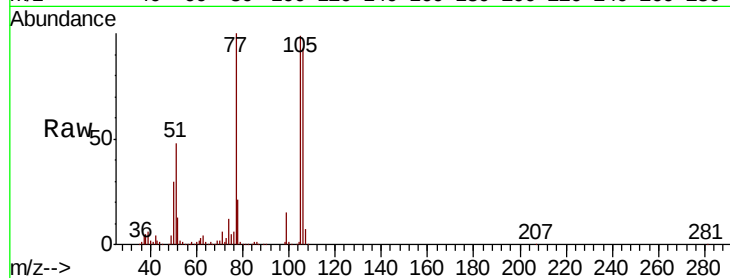
Tot Ion: 77 Resp: 519170

Ion Ratio Lower Upper

77 100

105 99.4 83.9 123.9

106 93.3 78.2 118.2



#10

Phenol

Concen: 45.874 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

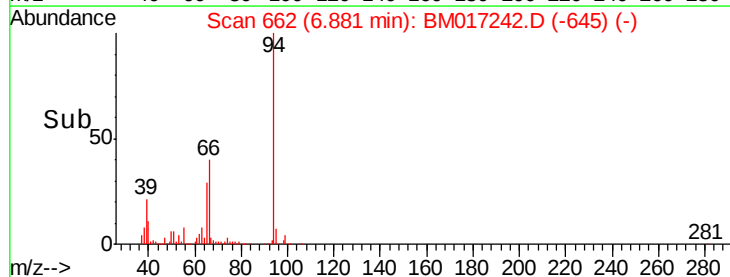
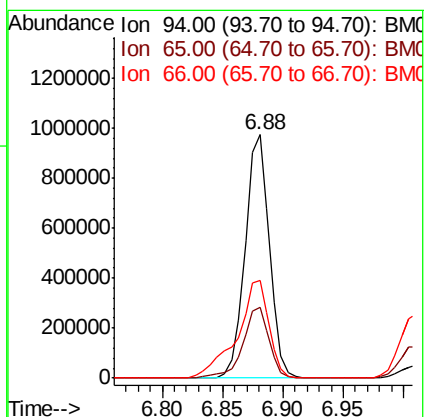
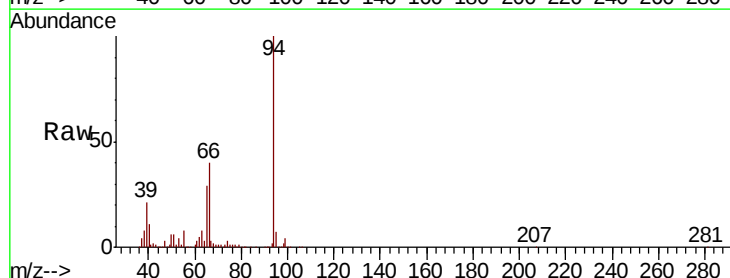
Tgt Ion: 94 Resp: 1365725

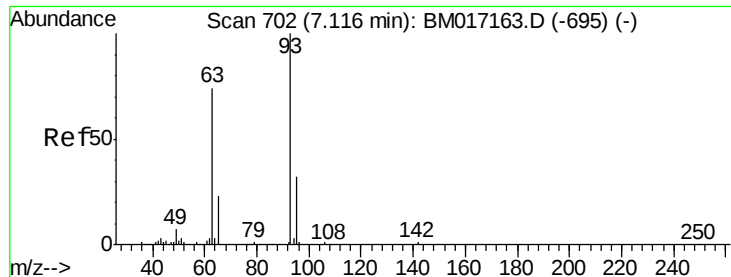
Ion Ratio Lower Upper

94 100

65 29.2 9.4 49.4

66 40.1 19.0 59.0

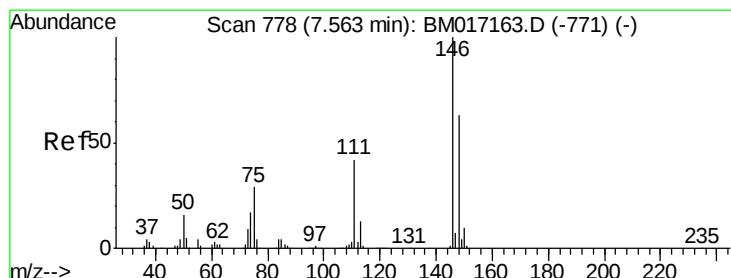
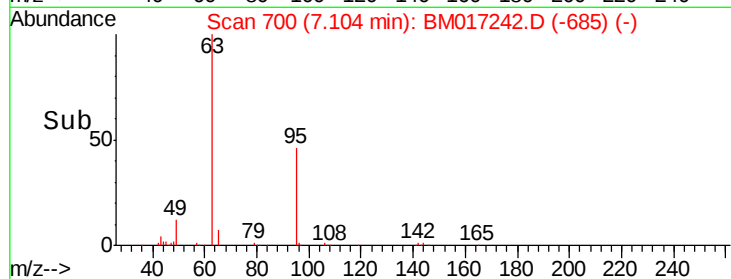
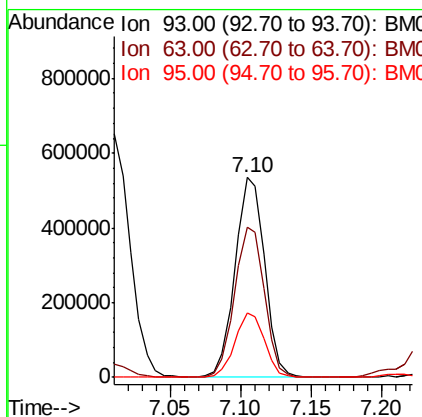
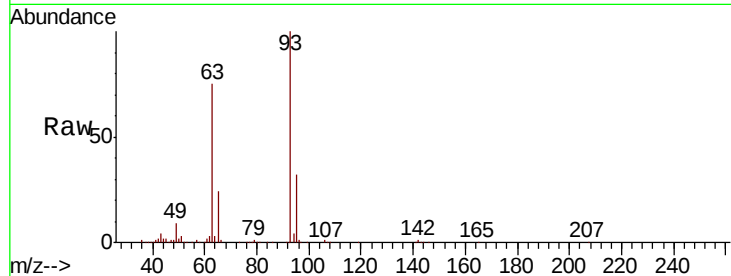




#11
bis(2-Chloroethyl)ether
Concen: 32.612 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

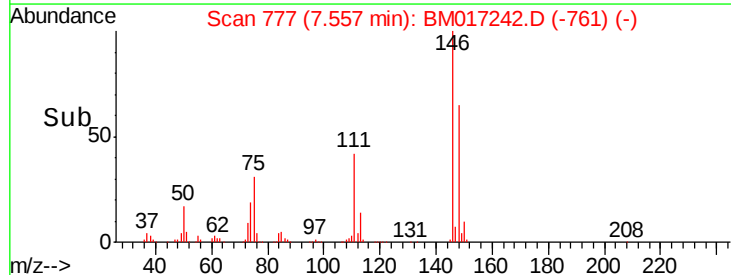
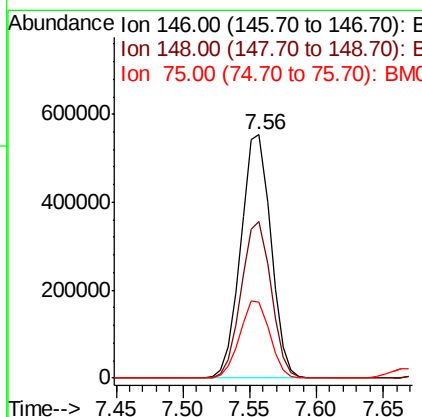
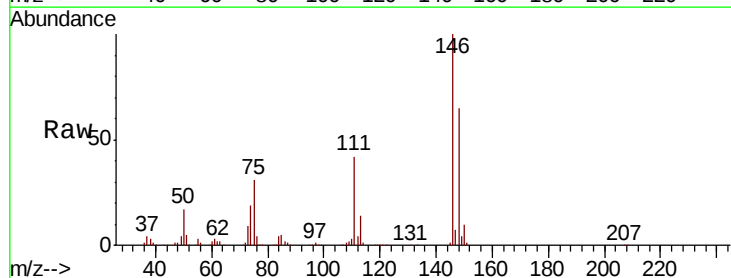
Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.4	54.0	94.0
95	32.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 31.478 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.2	75.4
75	31.3	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 31.459 ng

RT: 7.70 min Scan# 801

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampleId :

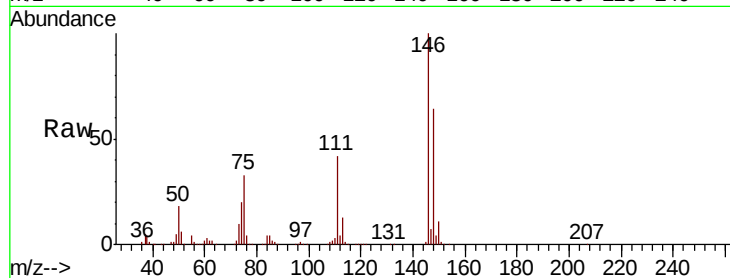
Tot Ion:146 Resp: 880381

Ion Ratio Lower Upper

146 100

148 63.6 49.8 74.6

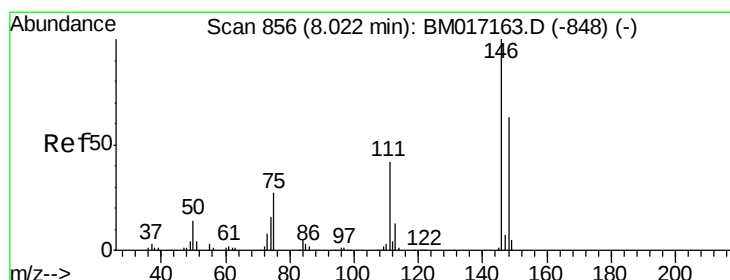
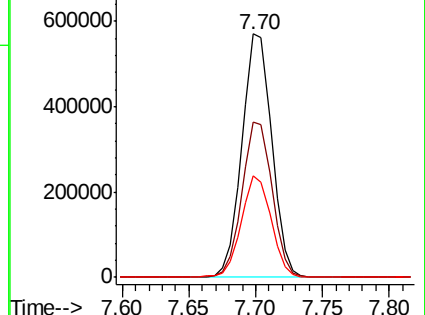
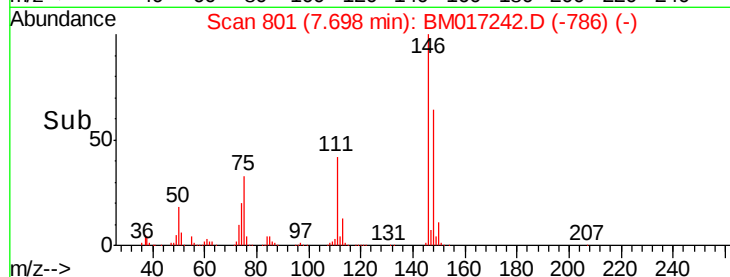
111 41.6 32.1 48.1



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: 31.758 ng

RT: 8.01 min Scan# 854

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

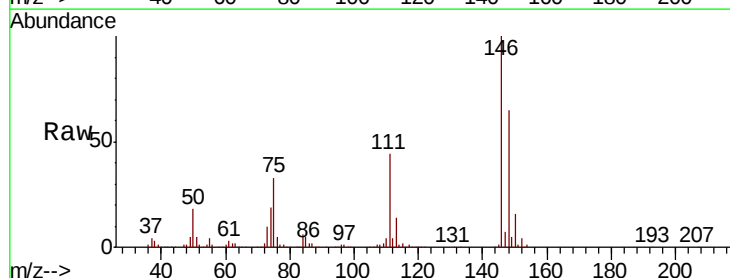
Tgt Ion:146 Resp: 856283

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

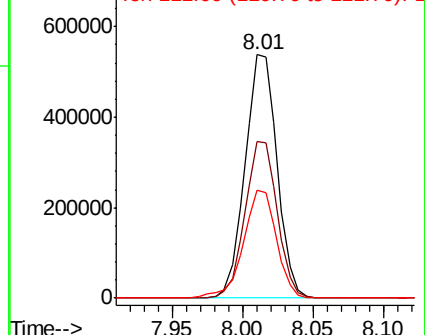
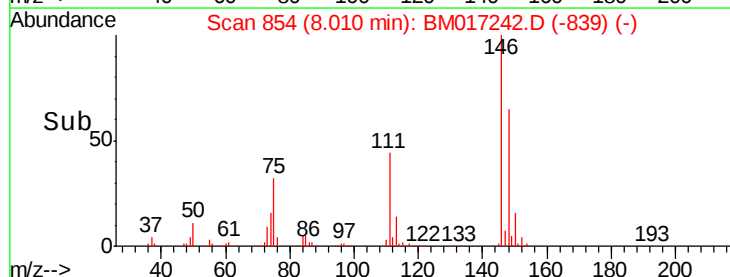
111 44.4 33.8 50.6



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: 38.581 ng

RT: 7.91 min Scan# 837

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampleId :

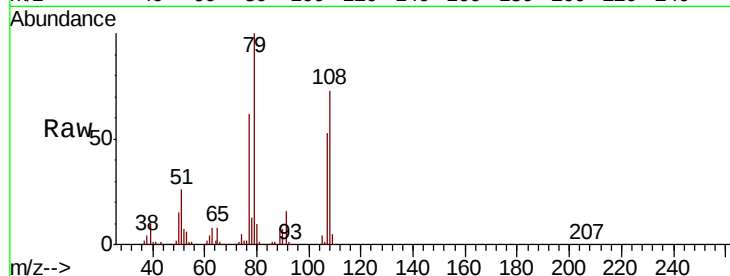
Tot Ion: 79 Resp: 780085

Ion Ratio Lower Upper

79 100

108 73.2 60.3 90.5

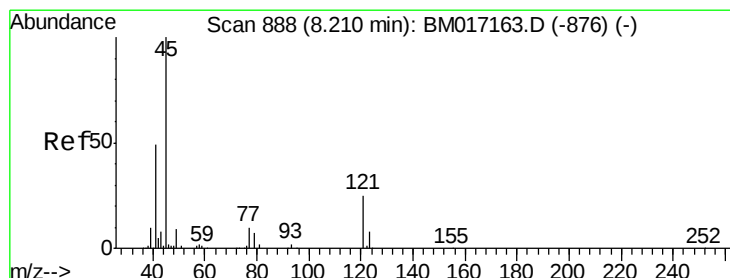
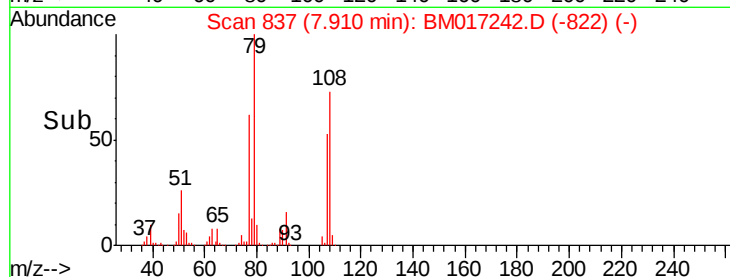
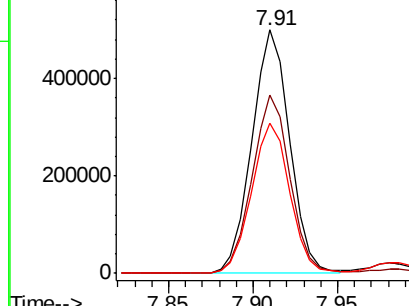
77 61.9 54.8 82.2



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

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

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.329 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

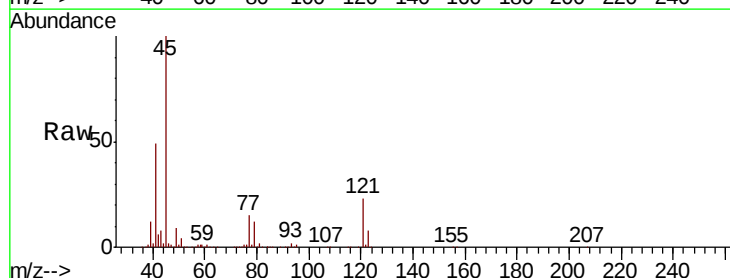
Tgt Ion: 45 Resp: 1071908

Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.5

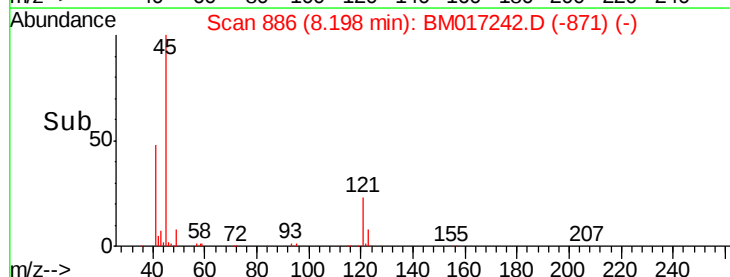
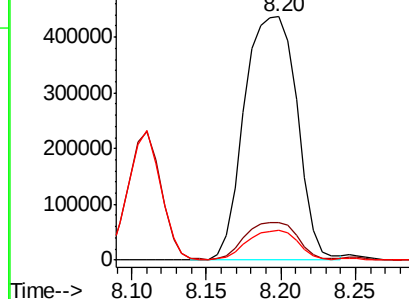
79 12.0 0.0 32.1



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) (-)

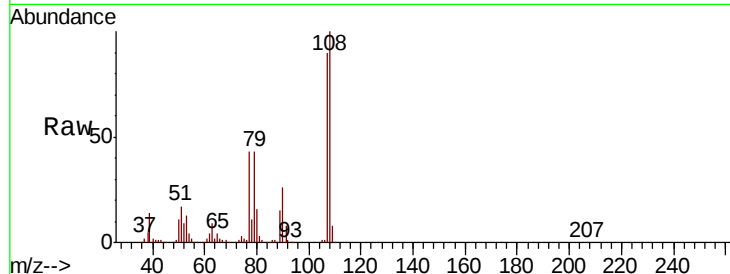




#17
2-Methylphenol
Concen: 38.503 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.3	135.5
77	48.1	37.0	55.4
79	48.2	35.8	53.6



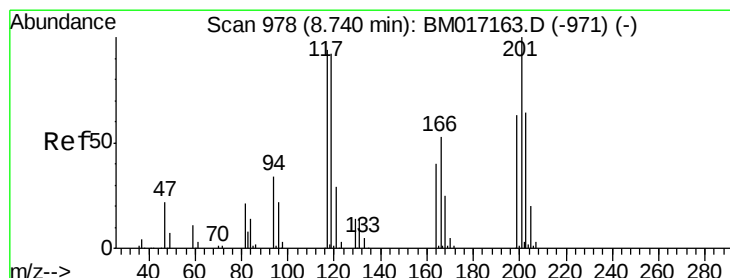
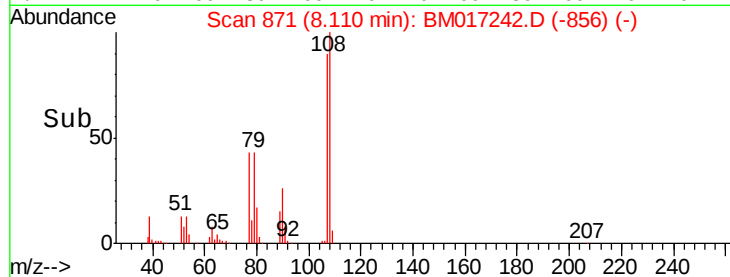
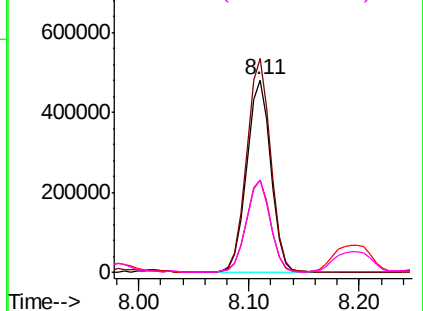
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

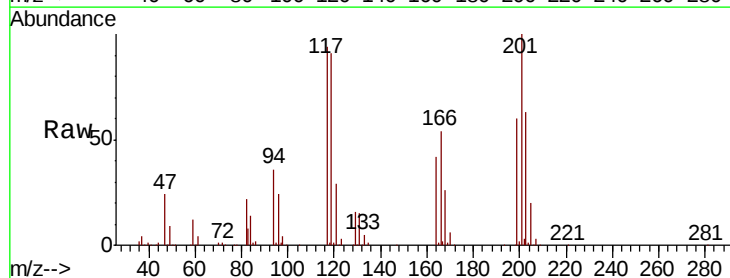
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 32.332 ng
RT: 8.73 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.2
201	106.3	85.3	127.9

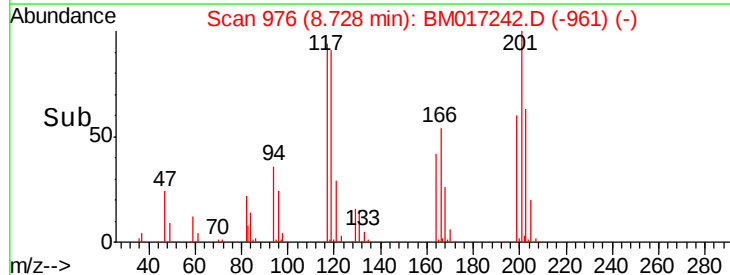
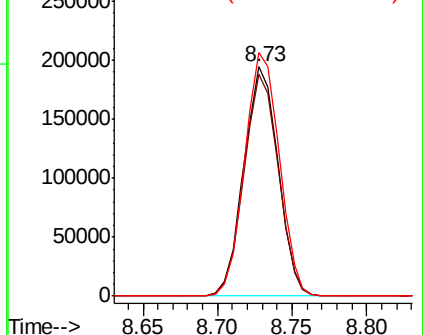


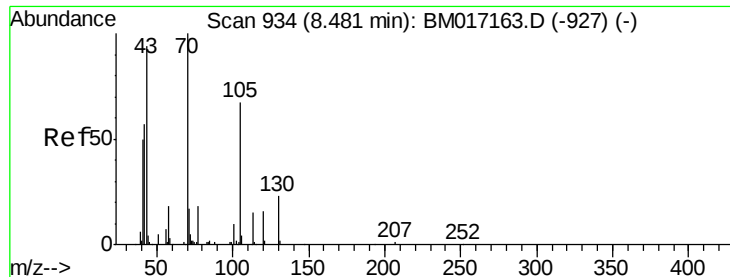
Abundance

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

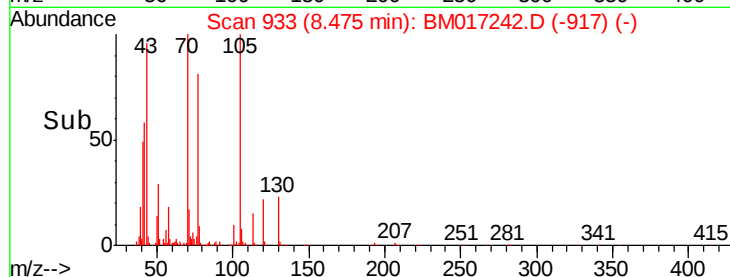
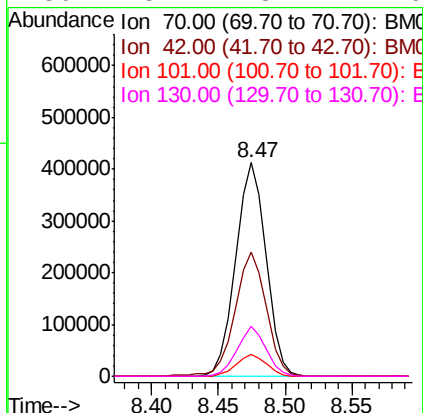
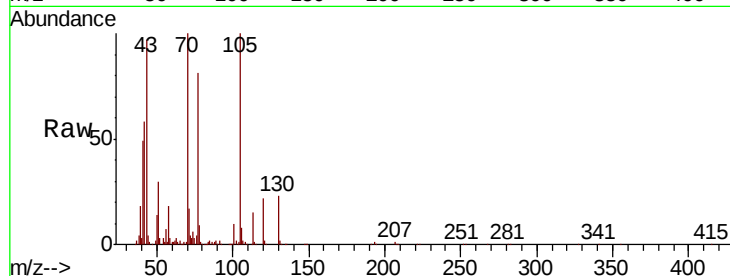




#19
n-Nitroso-di-n-propylamine
Concen: 35.701 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

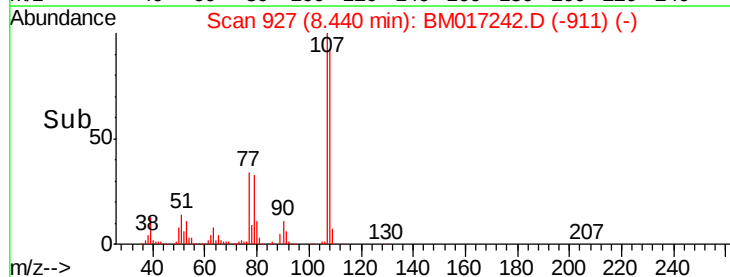
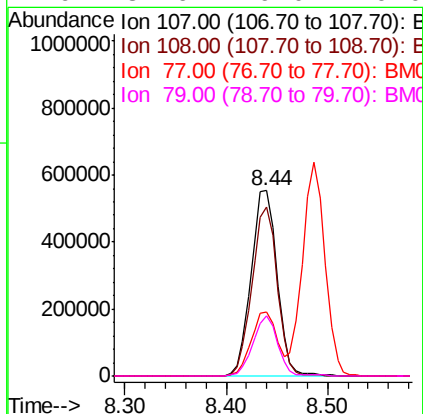
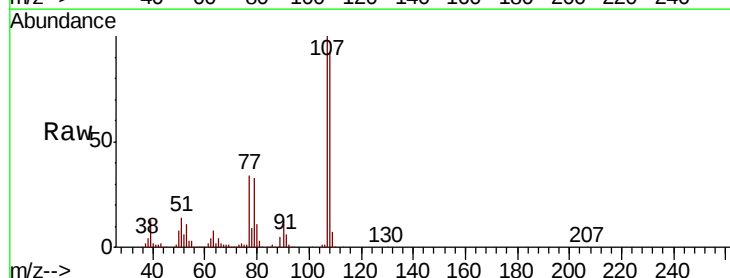
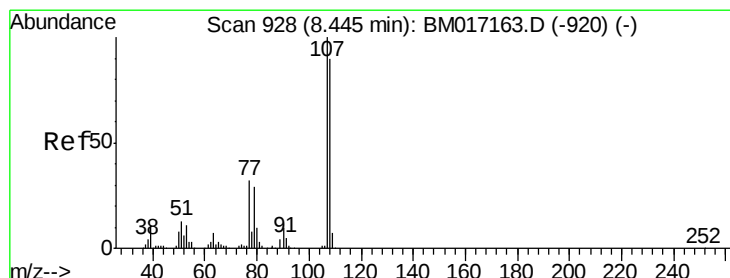
Instrument :
BNA_M
ClientSampleId :

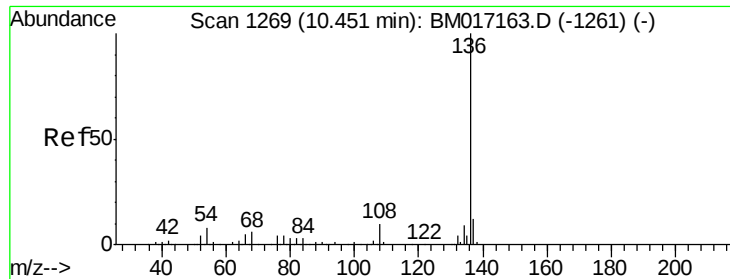
Tot Ion:	70	Resp:	650273
Ion	Ratio	Lower	Upper
70	100		
42	57.9	46.1	69.1
101	10.5	8.2	12.4
130	23.2	18.4	27.6



#20
3+4-Methylphenols
Concen: 37.923 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:	107	Resp:	991148
Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.9	109.9
77	34.4	12.2	52.2
79	32.6	9.0	49.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1406426

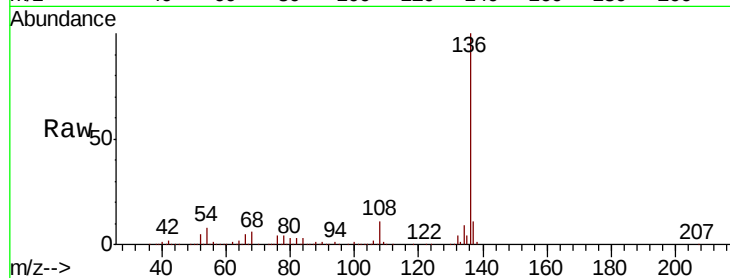
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.9 6.7 10.1

68 5.5 4.7 7.1

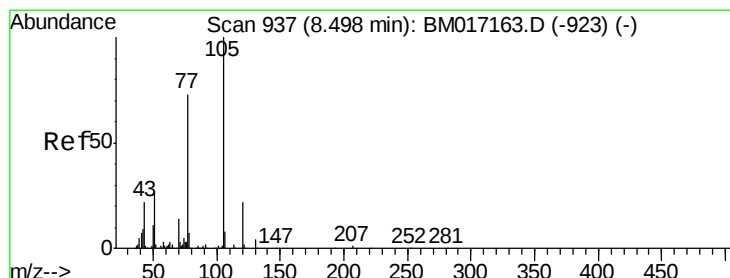
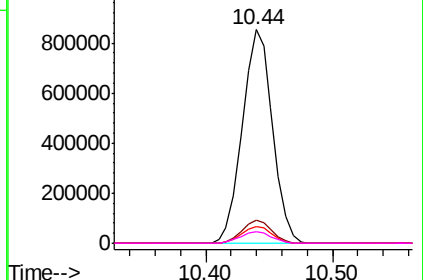
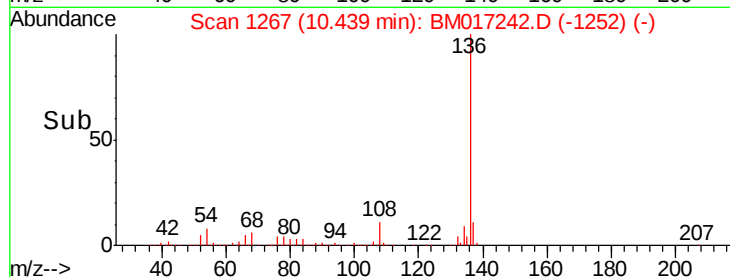


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 36.256 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Tgt Ion:105 Resp: 1292577

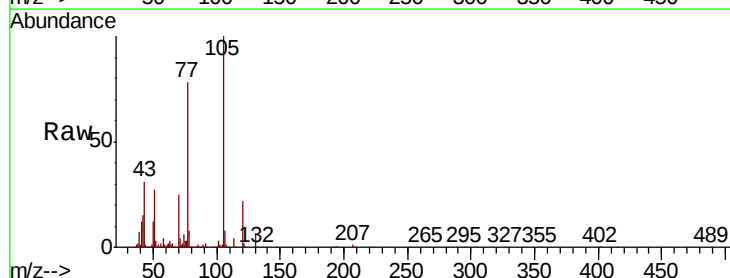
Ion Ratio Lower Upper

105 100

71 4.2 2.0 3.0#

51 26.9 20.6 31.0

120 21.9 17.5 26.3

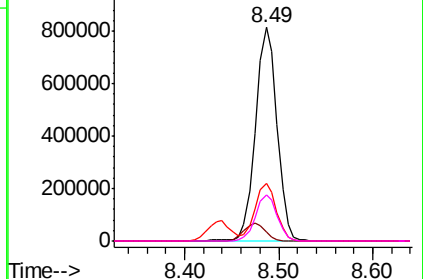
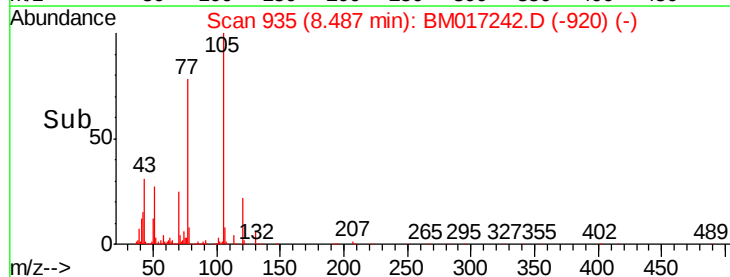


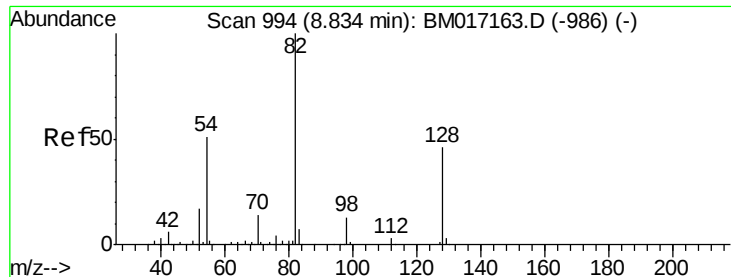
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

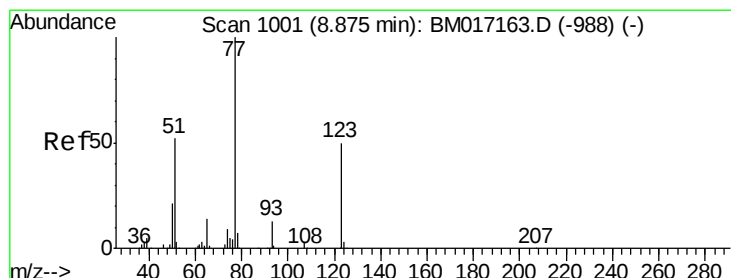
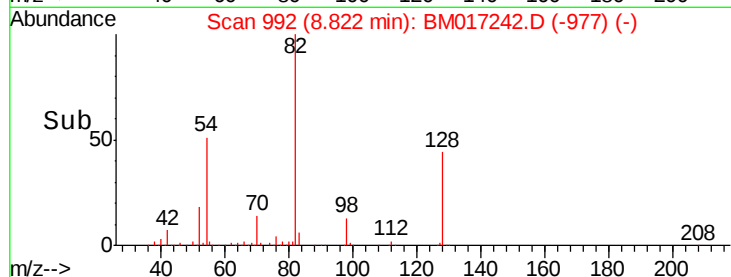
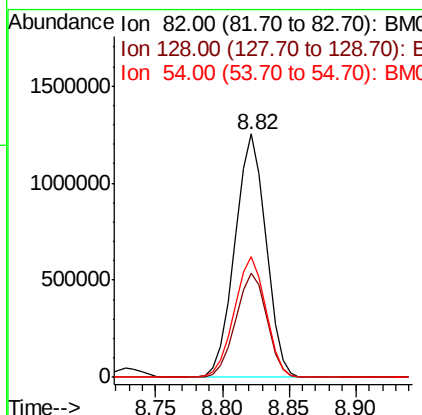
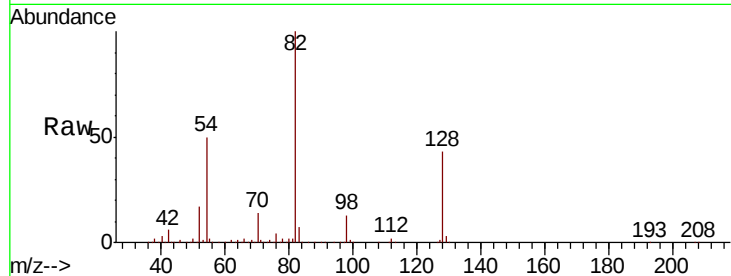




#23
 Nitrobenzene-d5
 Concen: 84.383 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

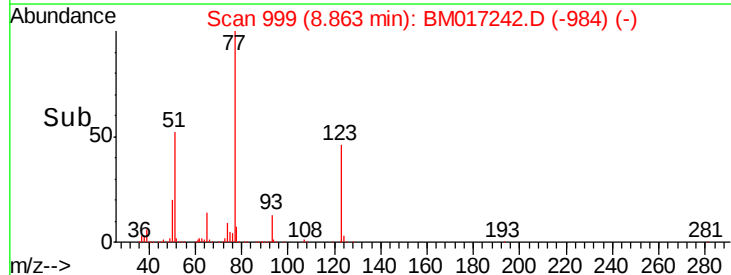
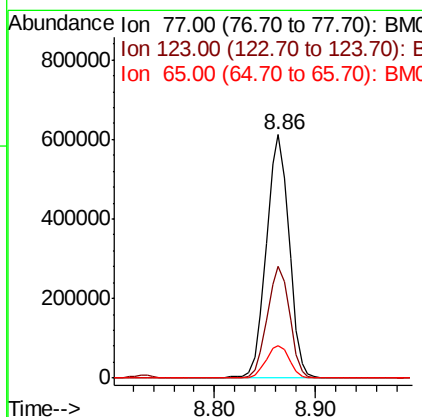
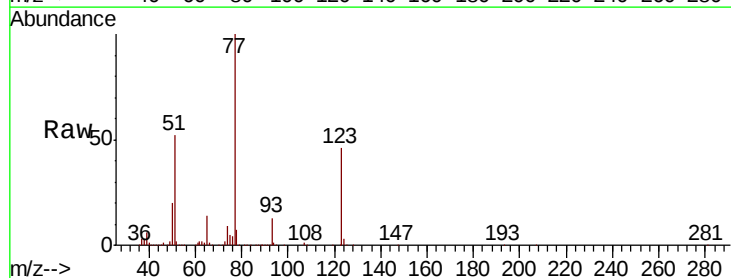
Instrument :
 BNA_M
 ClientSampleId :

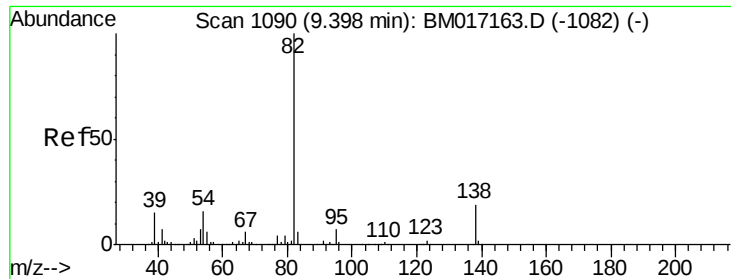
Tot Ion: 82 Resp: 2029182
 Ion Ratio Lower Upper
 82 100
 128 43.0 37.0 55.6
 54 49.7 40.7 61.1



#24
 Nitrobenzene
 Concen: 37.613 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Tgt Ion: 77 Resp: 956762
 Ion Ratio Lower Upper
 77 100
 123 46.1 40.2 60.4
 65 13.5 11.4 17.0

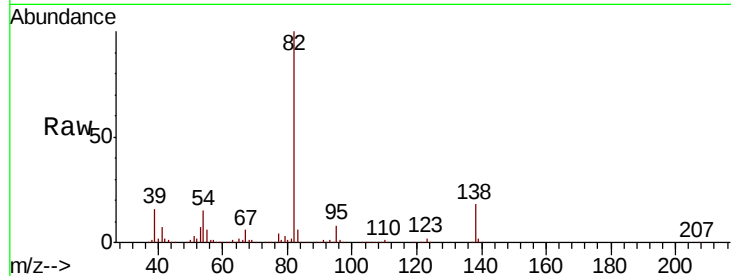




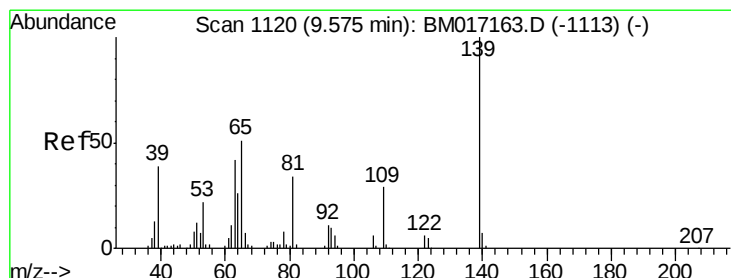
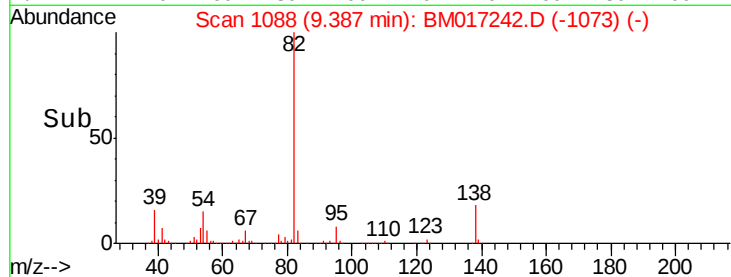
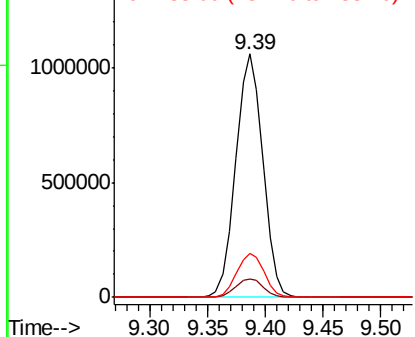
#25
Isophorone
Concen: 43.317 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1720084
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 17.9 15.4 23.2

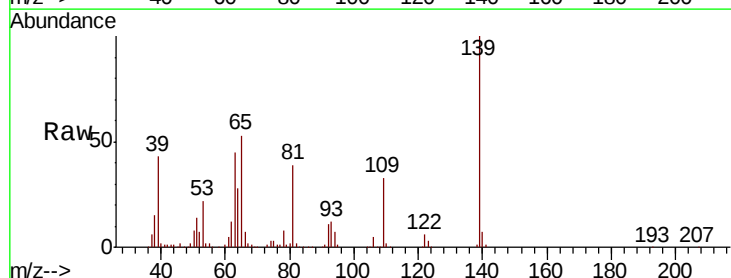


Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-1082) (-)
Ion 95.00 (94.70 to 95.70): BM017163.D (-1082) (-)
Ion 138.00 (137.70 to 138.70): BM017163.D (-1082) (-)

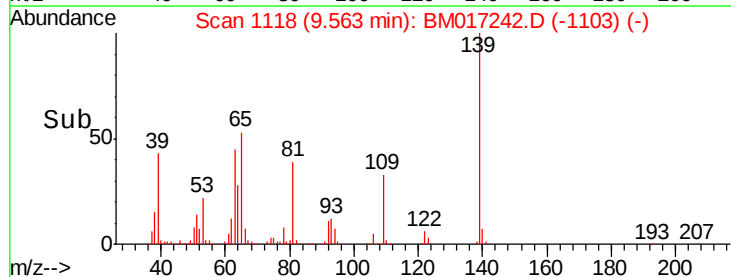
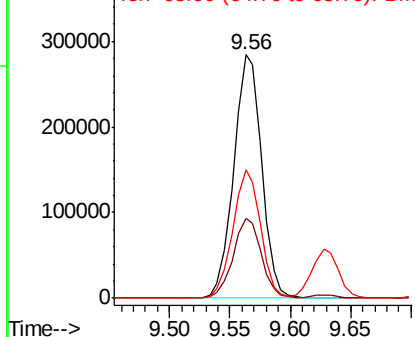


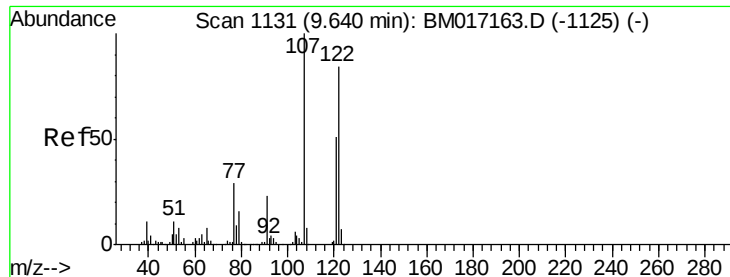
#26
2-Nitrophenol
Concen: 39.610 ng
RT: 9.56 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion: 139 Resp: 458071
Ion Ratio Lower Upper
139 100
109 33.0 23.2 34.8
65 53.0 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) (-)

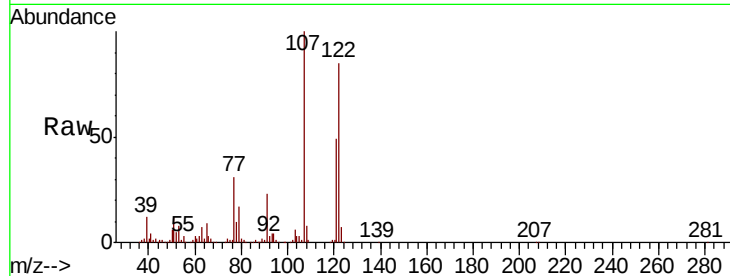




#27
 2,4-Dimethylphenol
 Concen: 46.687 ng
 RT: 9.63 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.3	95.0	142.6
121	57.7	48.2	72.4

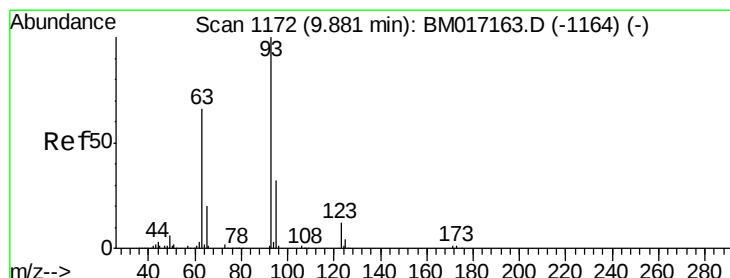
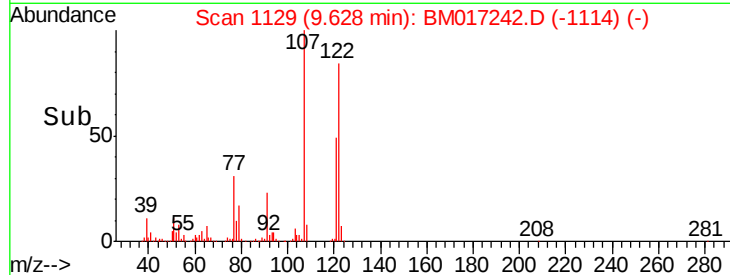
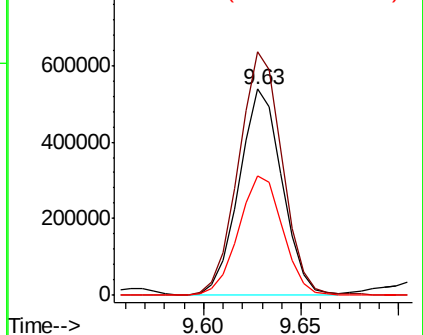


Abundance

Ion 122.00 (121.70 to 122.70): E

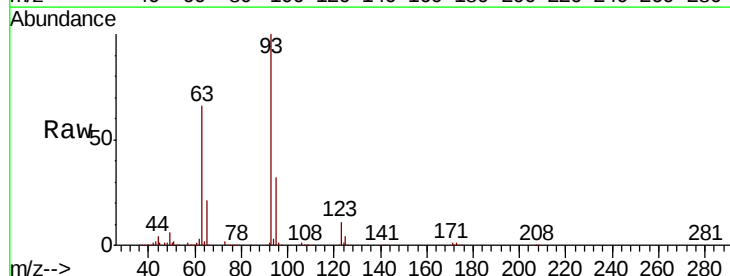
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.186 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.7	38.5
123	11.0	9.4	14.0

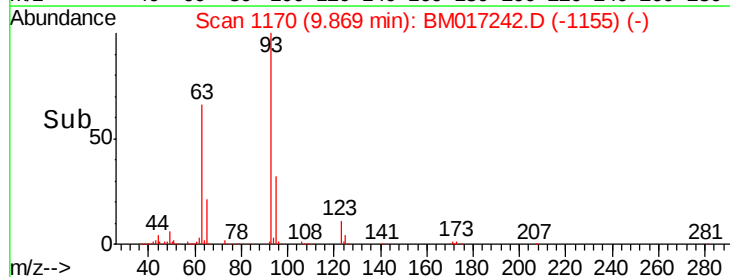
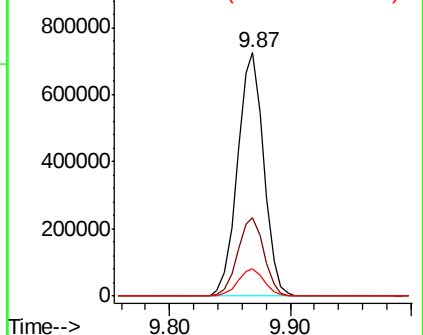


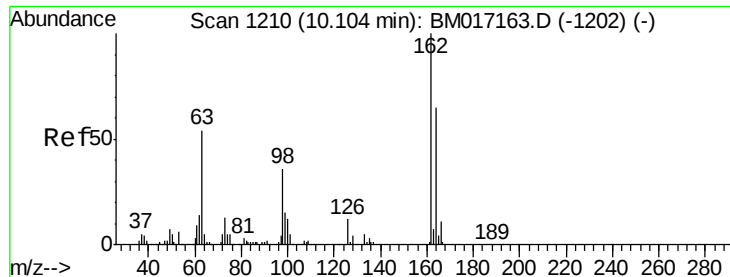
Abundance

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

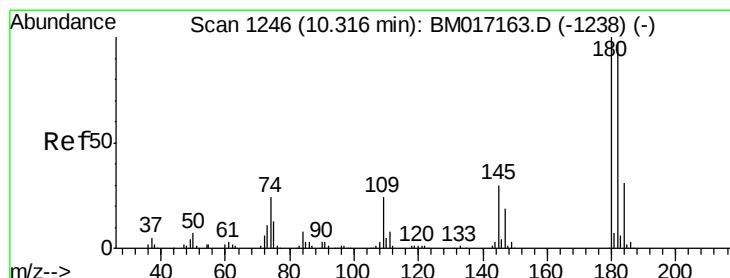
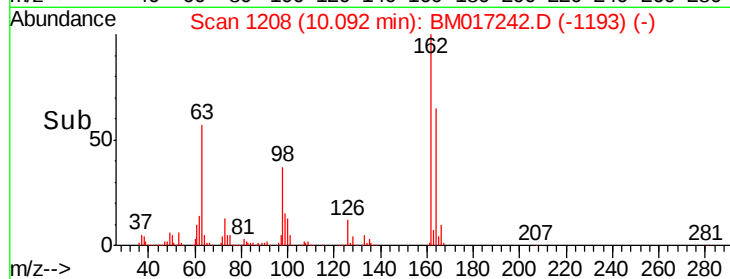
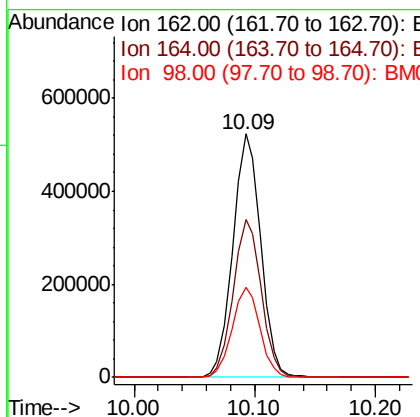
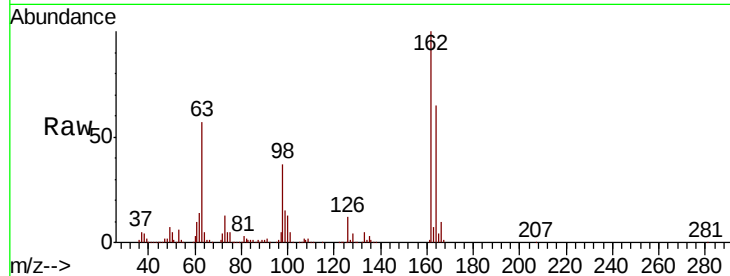




#29
2,4-Dichlorophenol
Concen: 41.426 ng
RT: 10.09 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

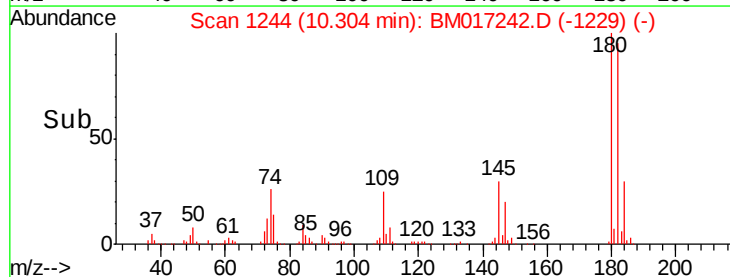
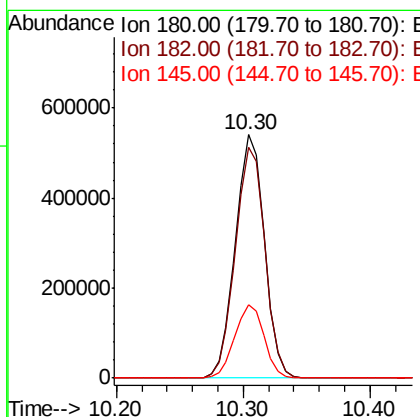
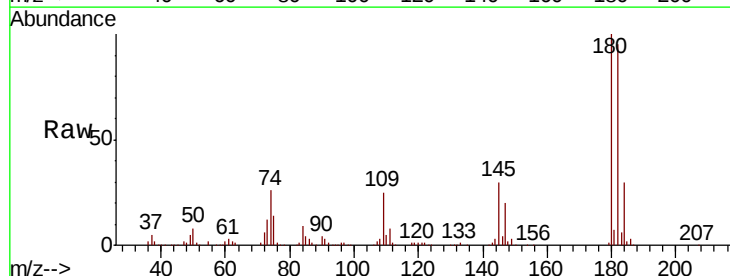
Instrument :
BNA_M
ClientSampleId :

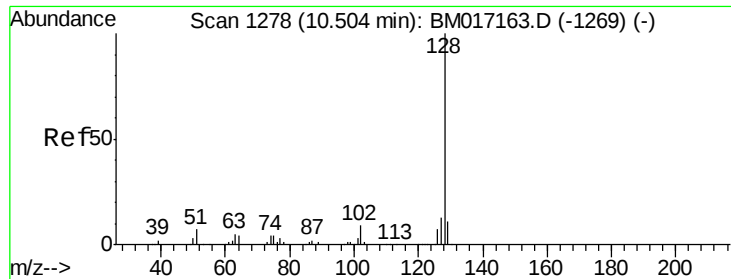
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.9	84.9
98	37.0	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 35.098 ng
RT: 10.30 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.5	116.3
145	30.3	24.0	36.0

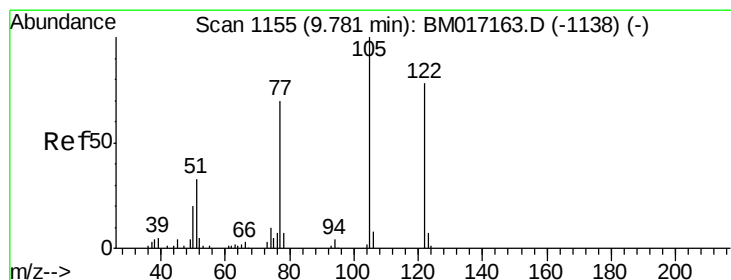
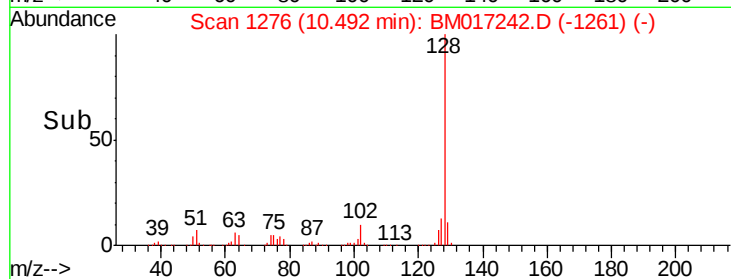
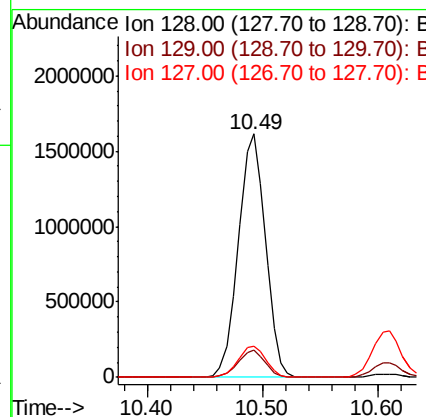
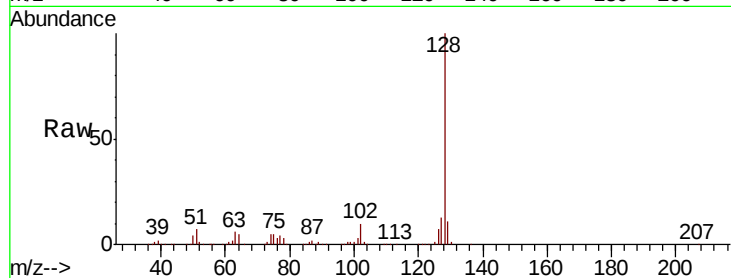




#31
Naphthalene
Concen: 38.086 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

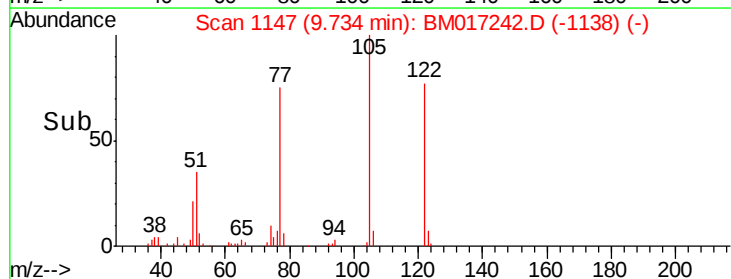
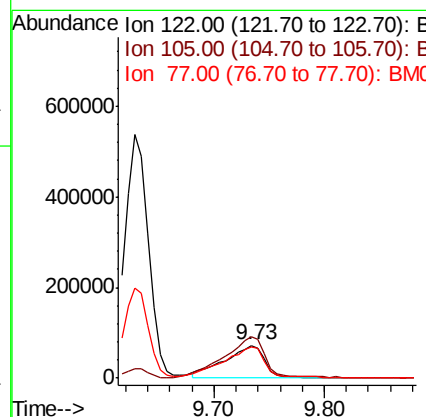
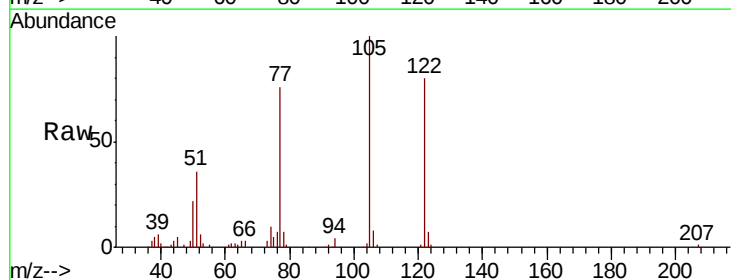
Instrument :
BNA_M
ClientSampleId :

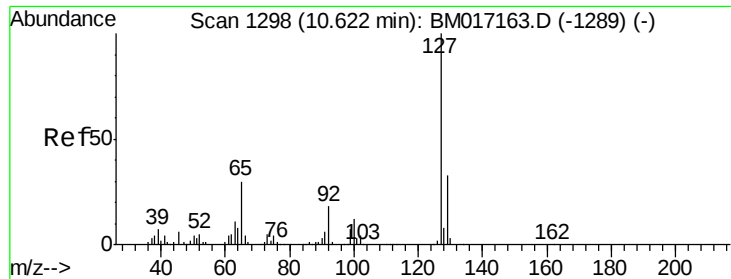
Tot Ion:128 Resp: 2625019
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.8 10.3 15.5



#32
Benzoic acid
Concen: 13.493 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:122 Resp: 176777
Ion Ratio Lower Upper
122 100
105 125.1 102.0 142.0
77 95.1 67.7 107.7

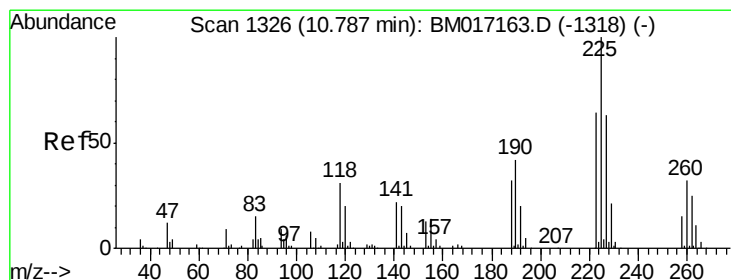
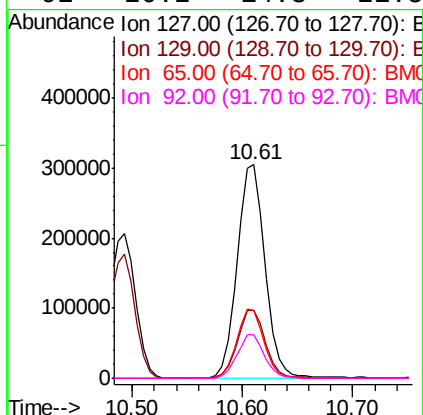
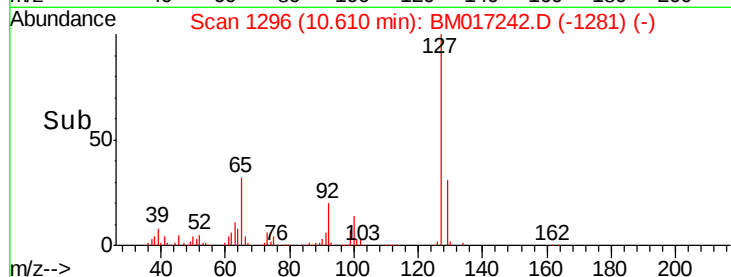
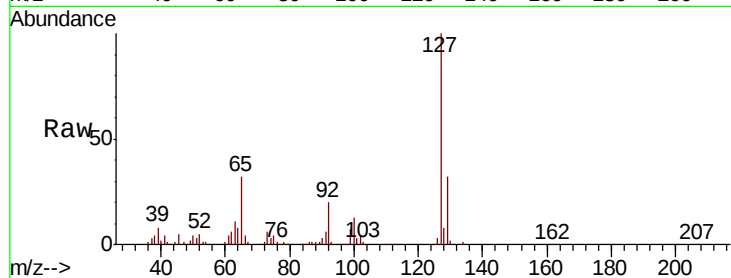




#33
4-Chloroaniline
Concen: 18.203 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

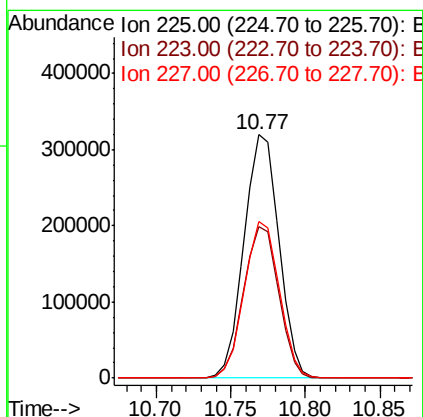
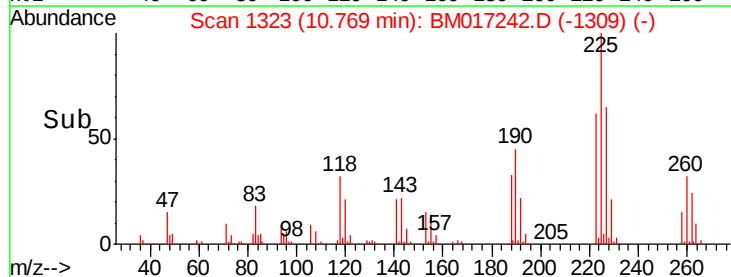
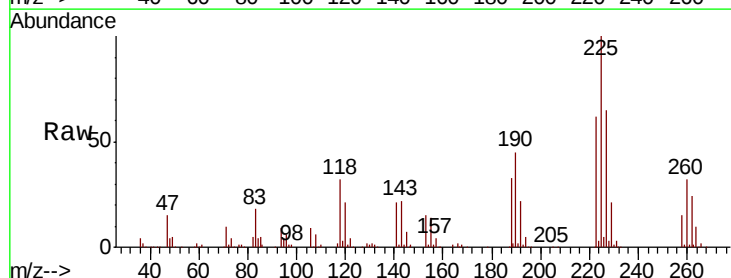
Instrument :
BNA_M
ClientSampled :

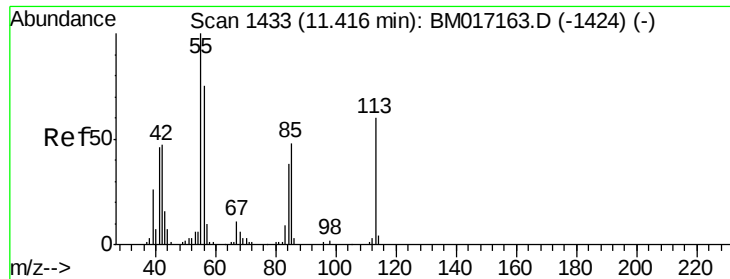
Tot Ion:127	Resp:	541842
Ion Ratio	Lower	Upper
127	100	
129	31.8	26.2 39.4
65	31.7	23.7 35.5
92	20.2	14.3 21.5



#34
Hexachlorobutadiene
Concen: 33.492 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:225	Resp:	518981
Ion Ratio	Lower	Upper
225	100	
223	62.1	51.0 76.6
227	64.6	50.8 76.2

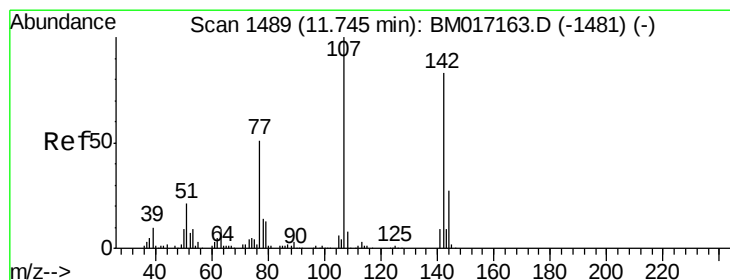
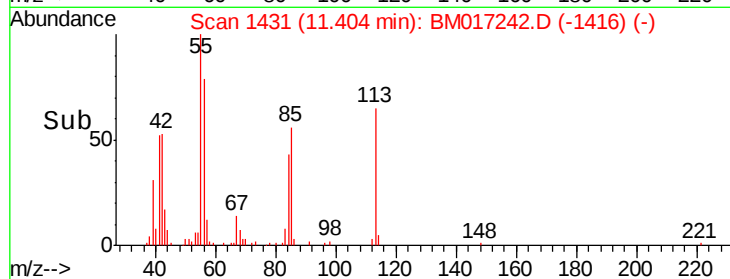
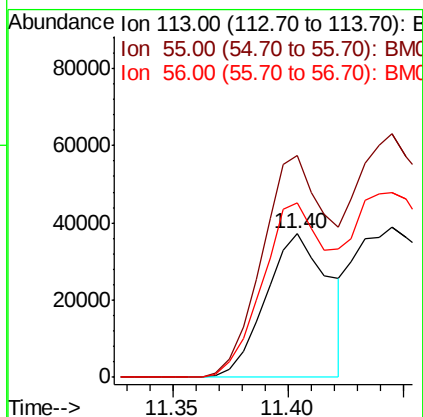
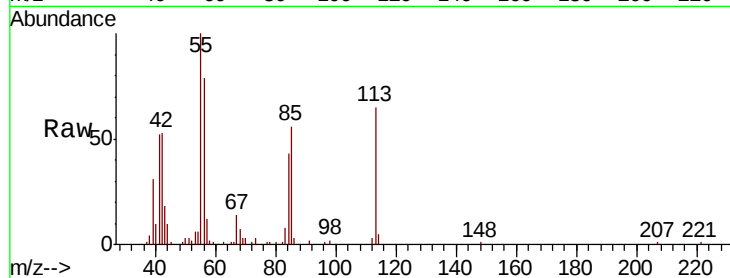




#35
 Caprolactam
 Concen: 9.544 ng
 RT: 11.40 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

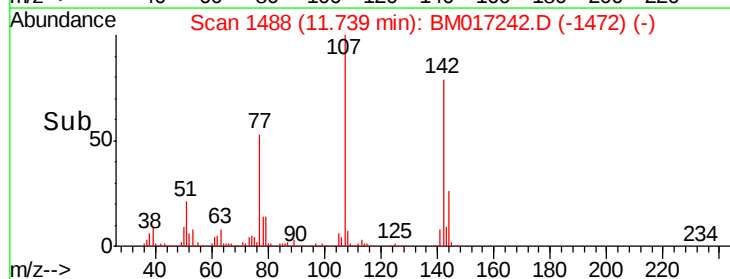
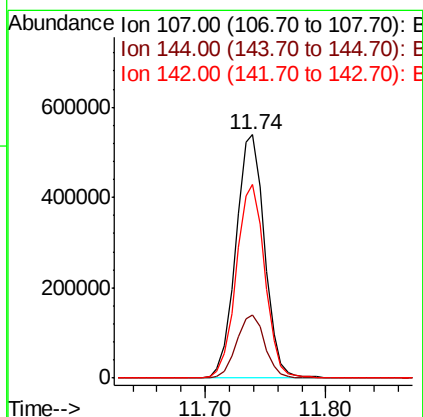
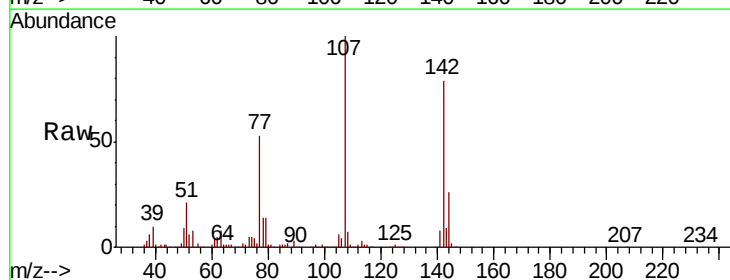
Instrument :
 BNA_M
 ClientSampleId :

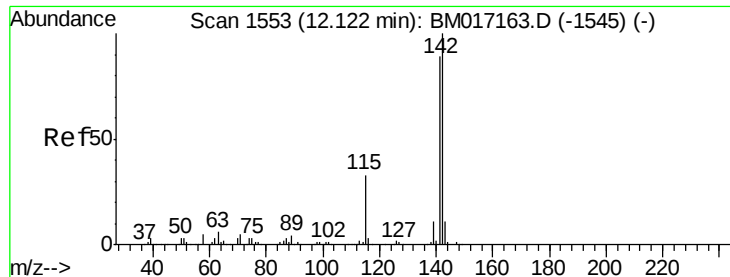
Tot Ion:113 Resp: 70911
 Ion Ratio Lower Upper
 113 100
 55 154.1 147.0 187.0
 56 121.1 104.5 144.5



#36
 4-Chloro-3-methylphenol
 Concen: 39.025 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Tgt Ion:107 Resp: 896792
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.6 32.4
 142 79.4 66.0 99.0

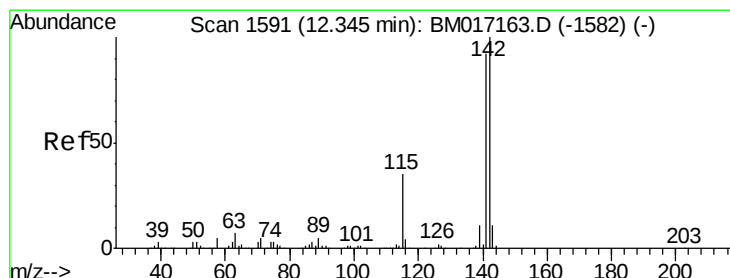
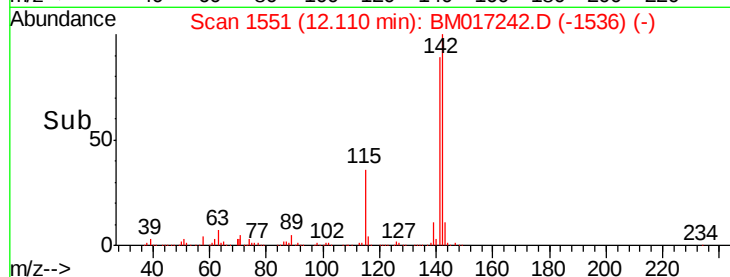
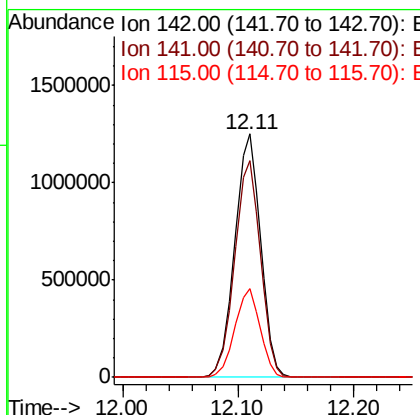
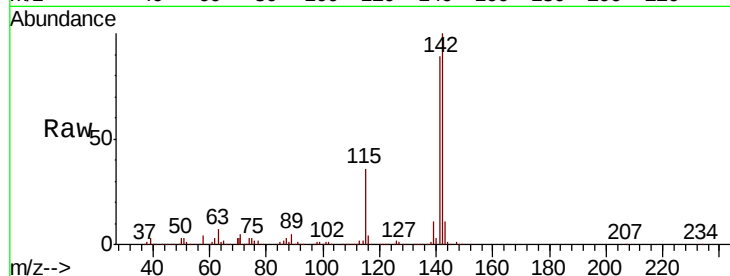




#37
2-Methylnaphthalene
Concen: 40.981 ng
RT: 12.11 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

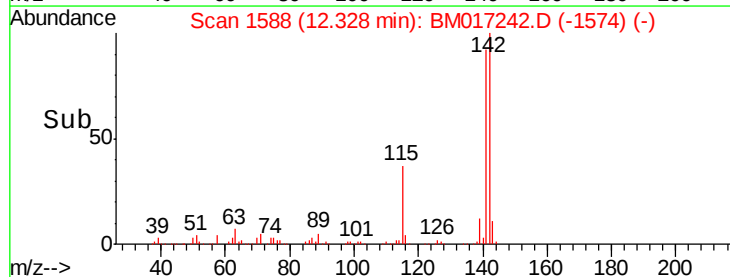
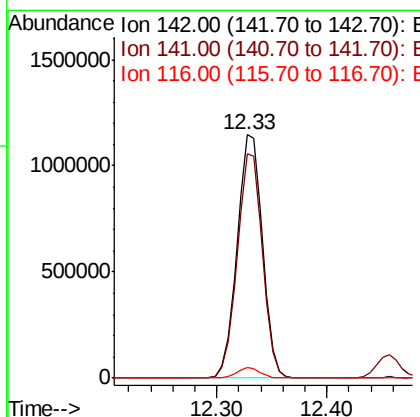
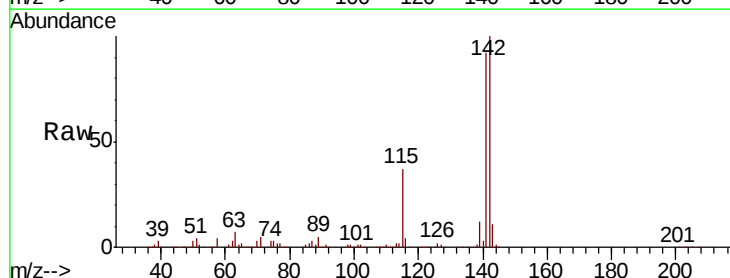
Instrument :
BNA_M
ClientSampleId :

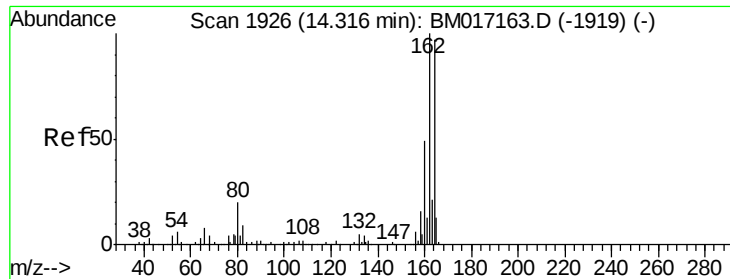
Tot Ion:142 Resp: 1932824
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3
115 36.2 26.4 39.6



#38
1-Methylnaphthalene
Concen: 40.293 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:142 Resp: 1849644
Ion Ratio Lower Upper
142 100
141 92.1 73.8 110.6
116 4.1 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampleId :

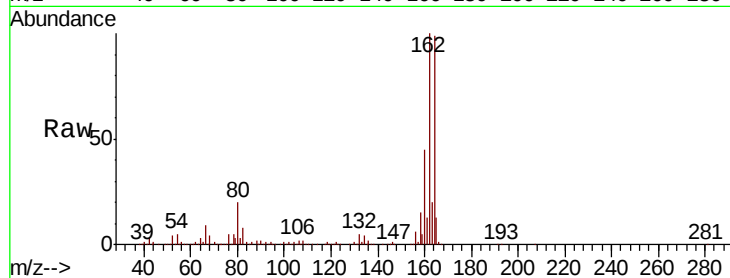
Tot Ion:164 Resp: 784134

Ion Ratio Lower Upper

164 100

162 101.0 82.1 123.1

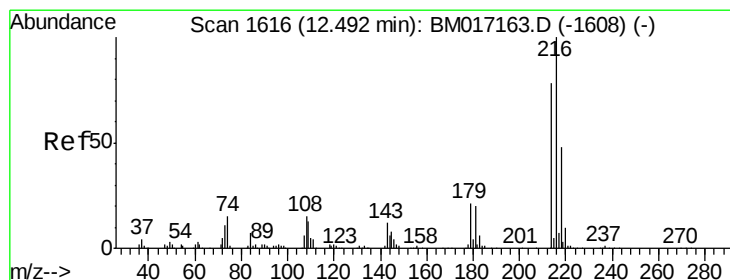
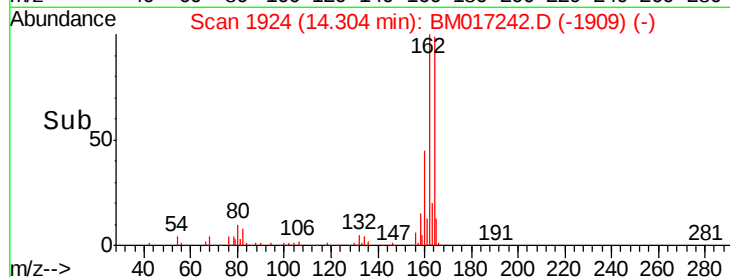
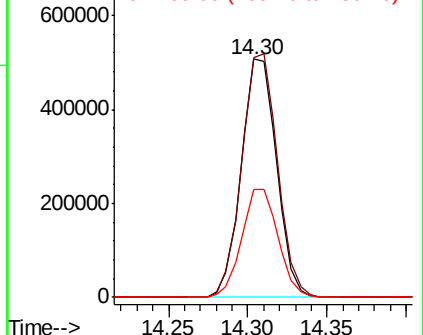
160 45.2 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.308 ng

RT: 12.48 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Tgt Ion:216 Resp: 1002641

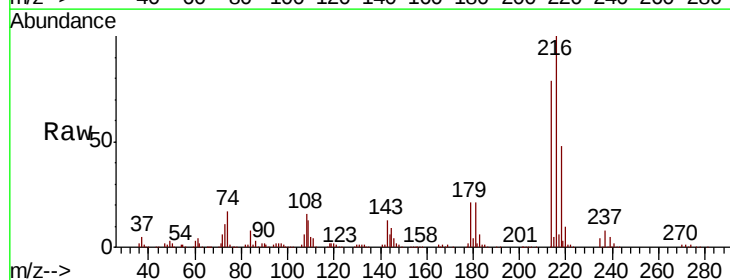
Ion Ratio Lower Upper

216 100

214 78.6 62.6 93.8

179 21.2 16.6 24.8

108 20.2 13.5 20.3

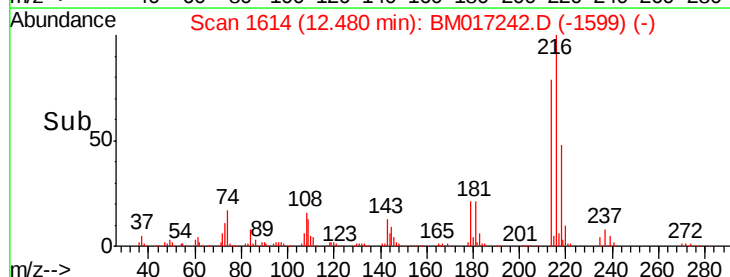
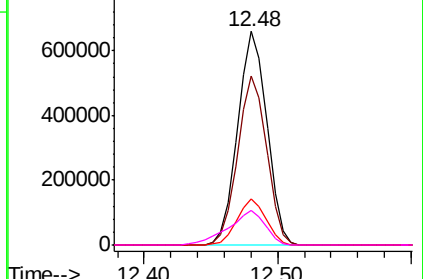


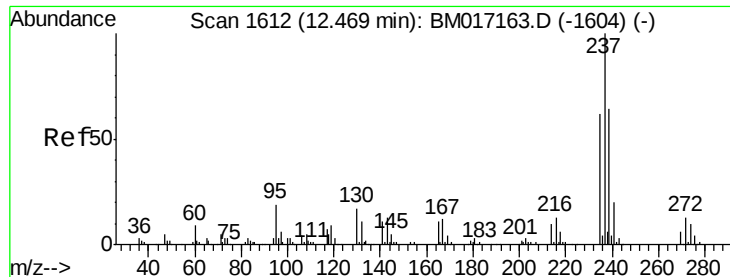
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 104.407 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampleId :

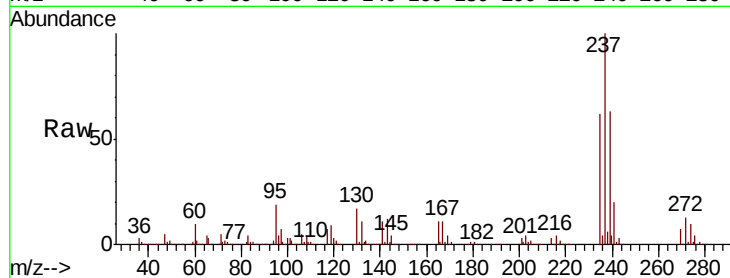
Tot Ion:237 Resp: 1393813

Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.4	82.4
272	12.7	0.0	33.0

237 100

235 61.6 42.4 82.4

272 12.7 0.0 33.0

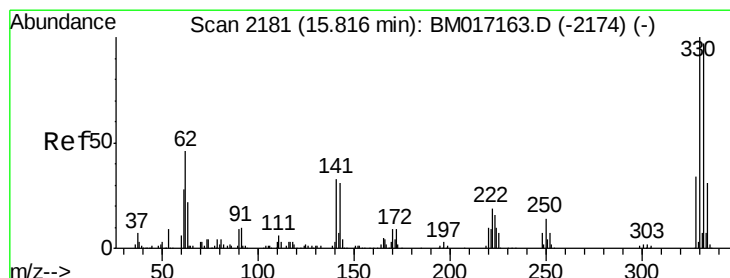
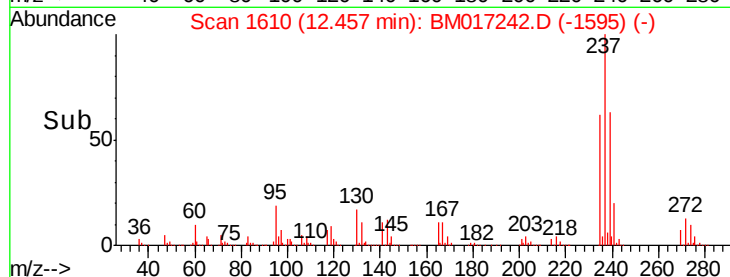
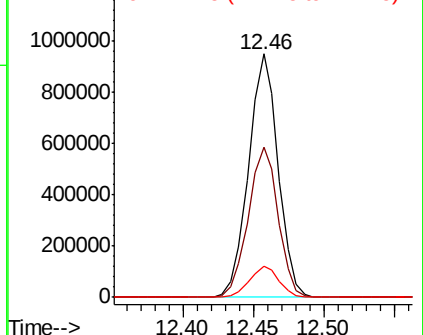


Abundance

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: 116.104 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

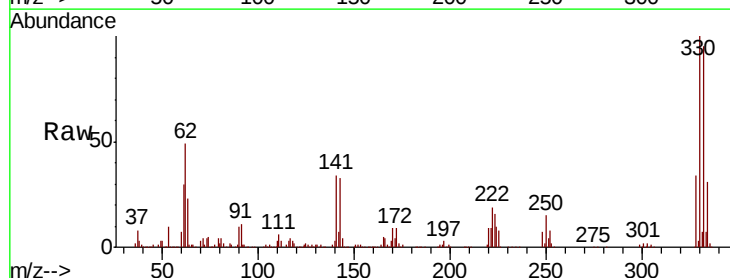
Tgt Ion:330 Resp: 1231197

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	33.8	27.4	41.0

330 100

332 96.5 77.3 115.9

141 33.8 27.4 41.0

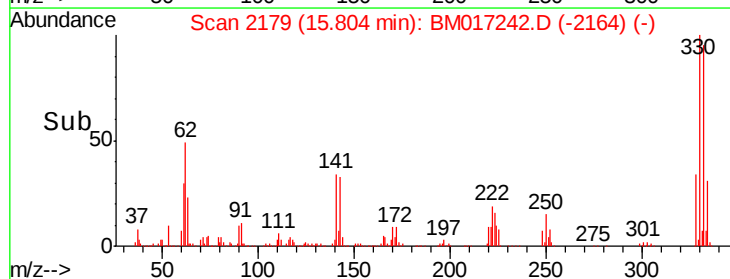
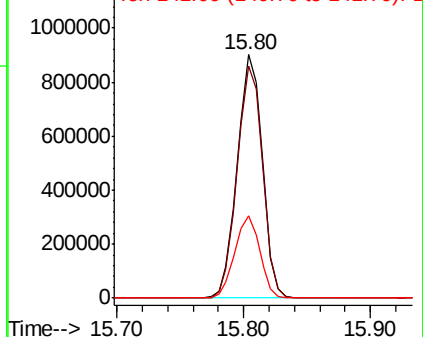


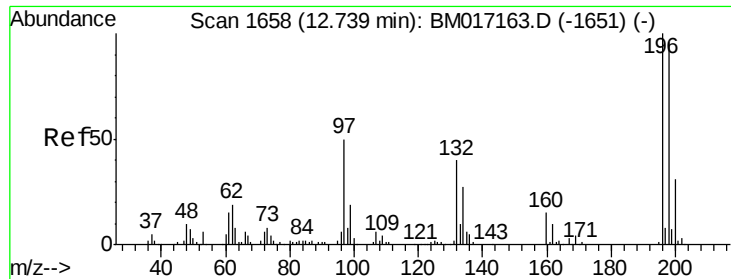
Abundance

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

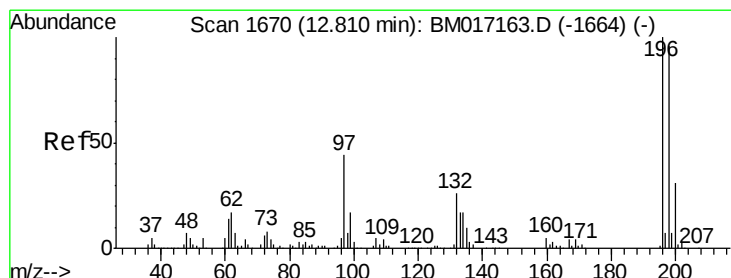
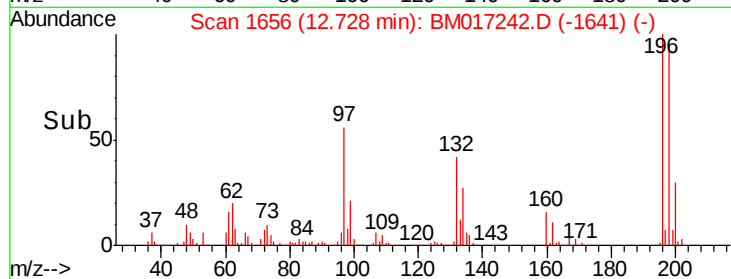
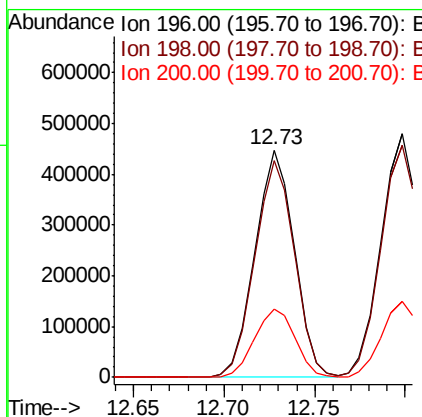
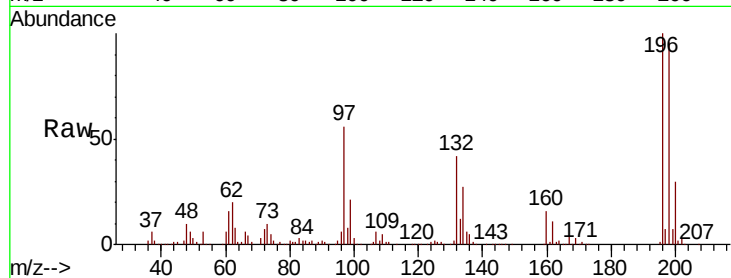




#43
 2,4,6-Trichlorophenol
 Concen: 42.200 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

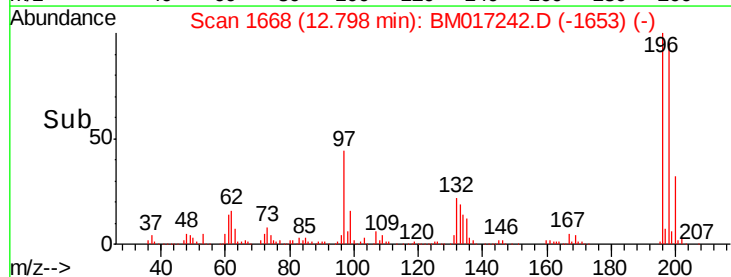
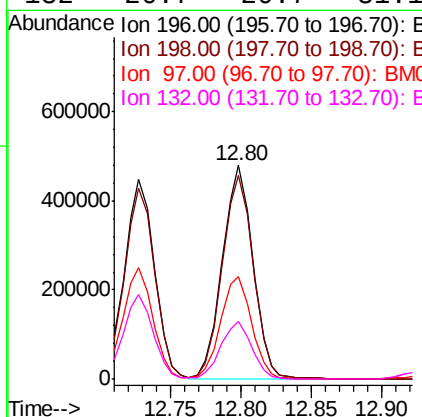
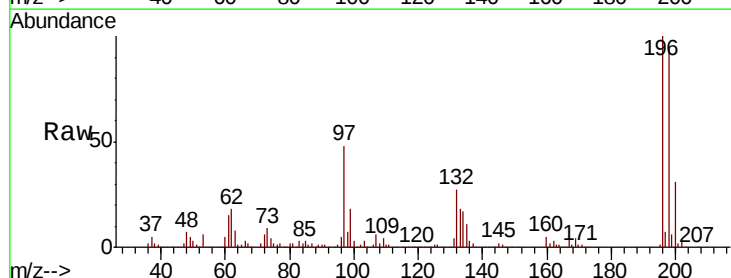
Instrument :
 BNA_M
 ClientSampleId :

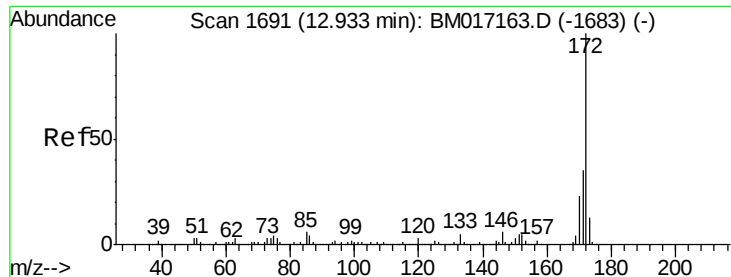
Tot Ion:196 Resp: 676484
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.1 115.7
 200 30.1 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 41.920 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Tgt Ion:196 Resp: 720604
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.6 115.0
 97 47.8 35.5 53.3
 132 26.7 20.7 31.1

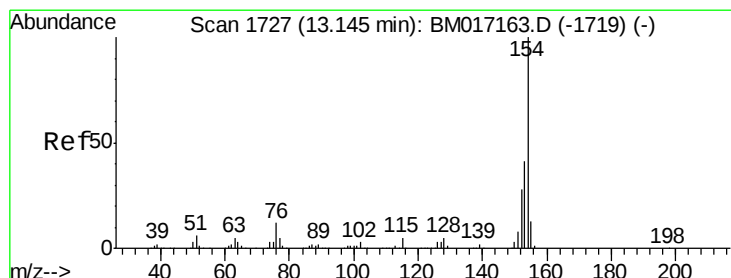
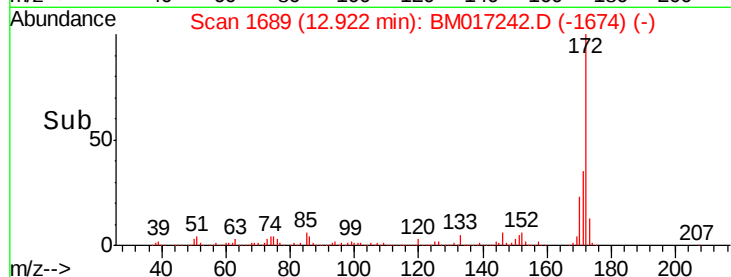
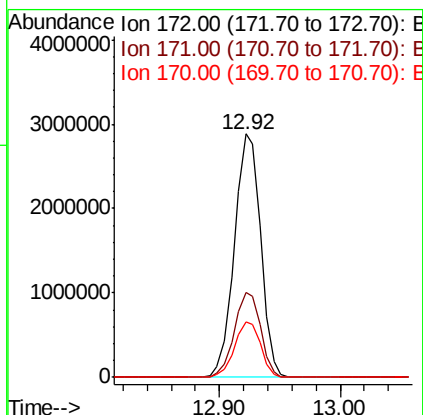
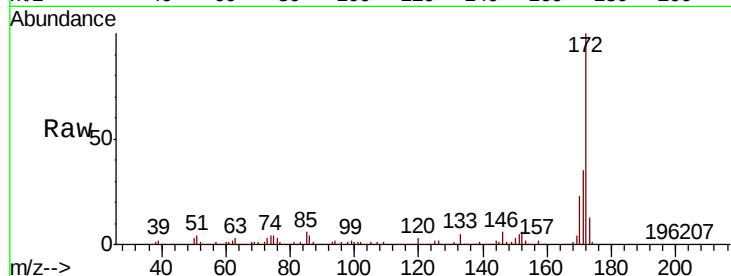




#45
2-Fluorobiphenyl
Concen: 74.072 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

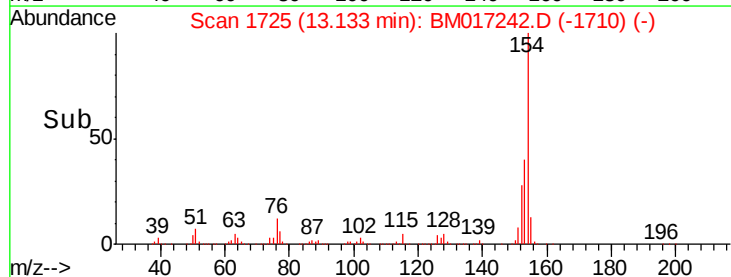
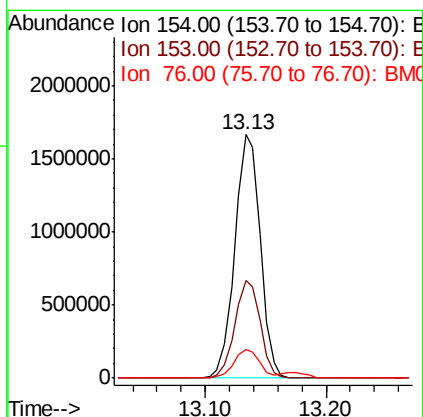
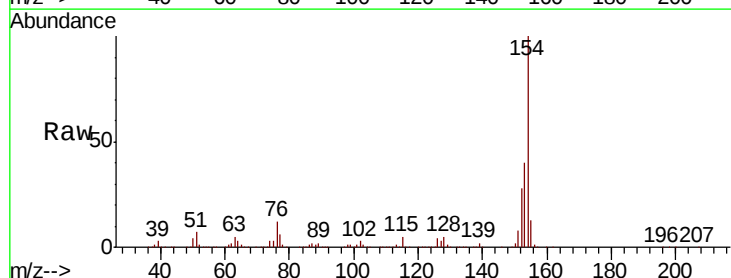
Instrument :
BNA_M
ClientSampleId :

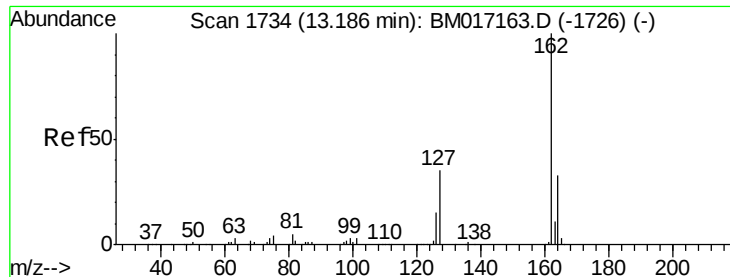
Tot Ion:172 Resp: 4365294
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.0 18.3 27.5



#46
1,1'-Biphenyl
Concen: 34.569 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:154 Resp: 2439332
Ion Ratio Lower Upper
154 100
153 40.1 20.5 60.5
76 11.9 0.0 31.8

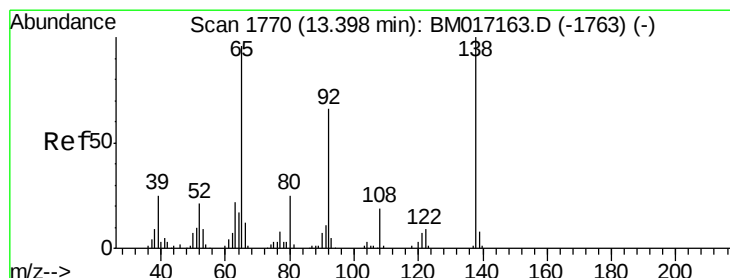
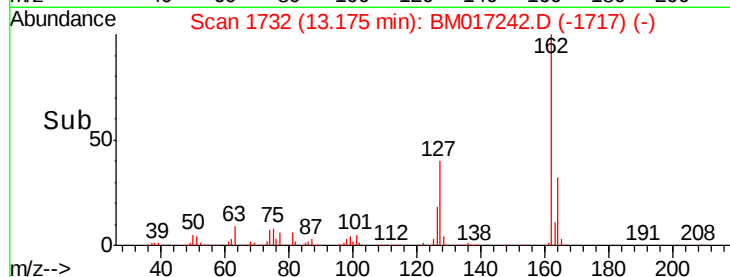
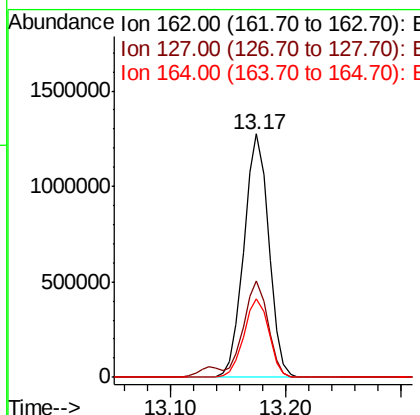
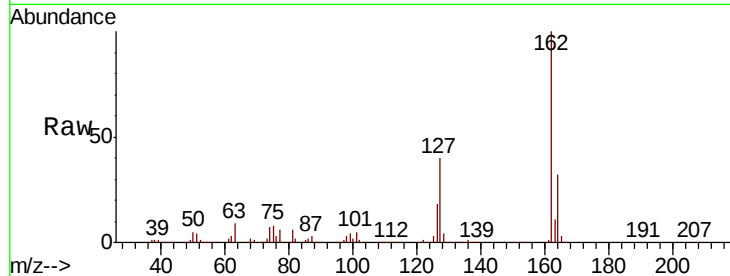




#47
2-Chloronaphthalene
Concen: 36.612 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

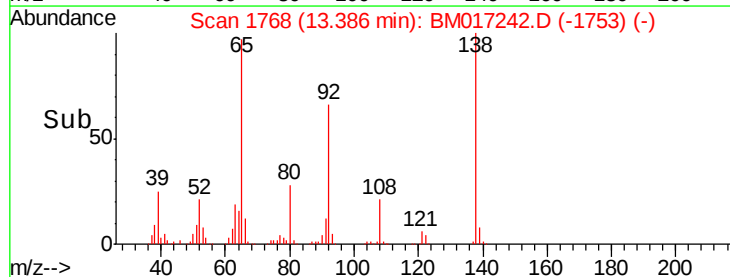
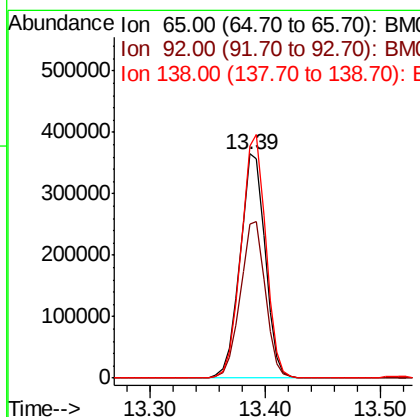
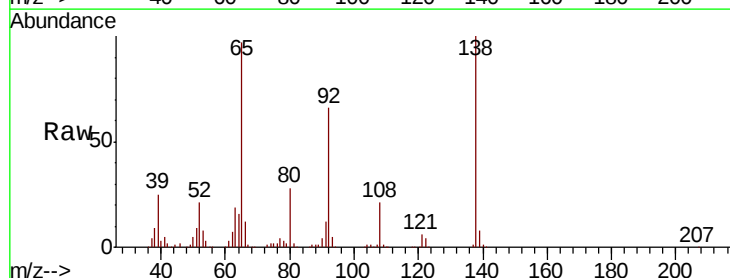
Instrument :
BNA_M
ClientSampleId :

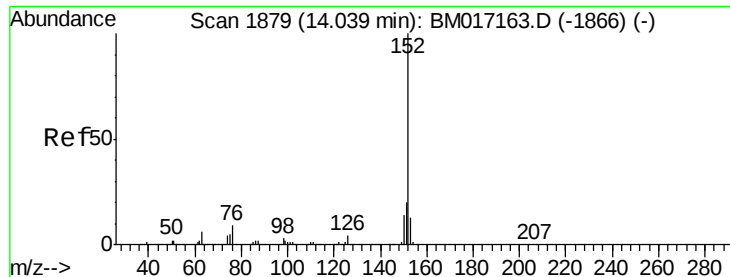
Tot Ion:162 Resp: 1900604
Ion Ratio Lower Upper
162 100
127 39.6 31.0 46.4
164 32.4 26.6 39.8



#48
2-Nitroaniline
Concen: 38.828 ng
RT: 13.39 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion: 65 Resp: 551376
Ion Ratio Lower Upper
65 100
92 68.6 54.9 82.3
138 103.4 83.7 125.5





#49

Acenaphthylene

Concen: 40.276 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampled :

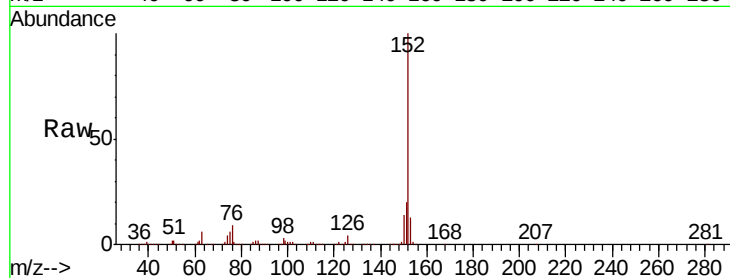
Tot Ion:152 Resp: 3030602

Ion Ratio Lower Upper

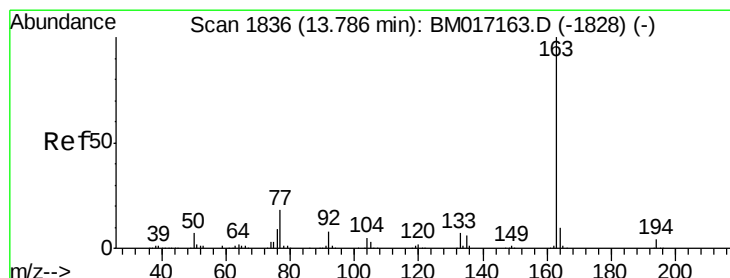
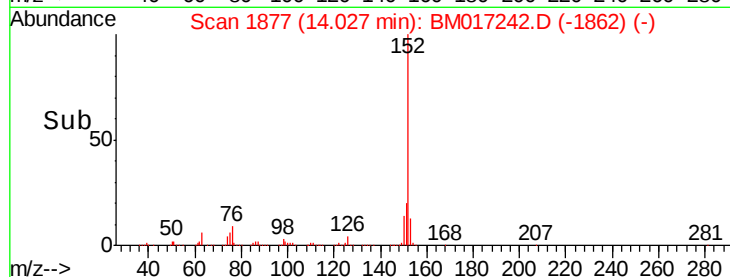
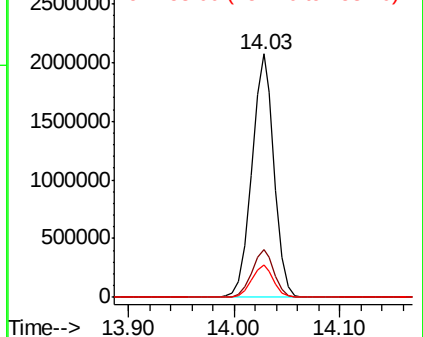
152 100

151 19.6 16.0 24.0

153 13.2 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: 47.145 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

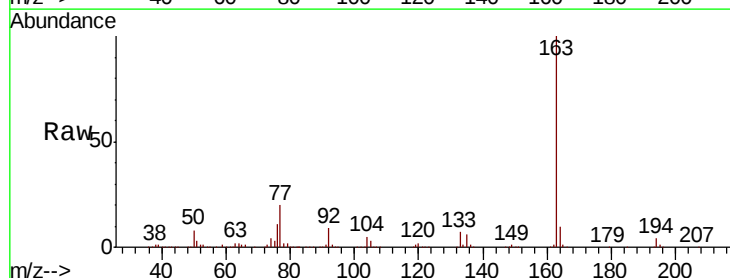
Tgt Ion:163 Resp: 2852082

Ion Ratio Lower Upper

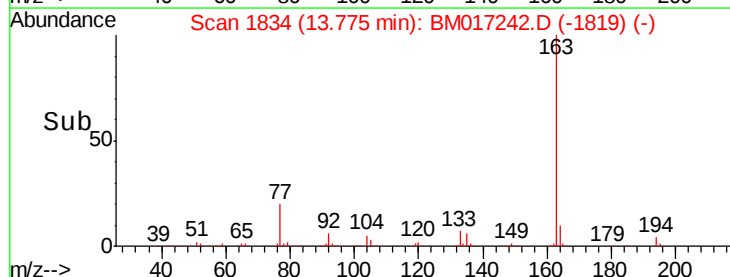
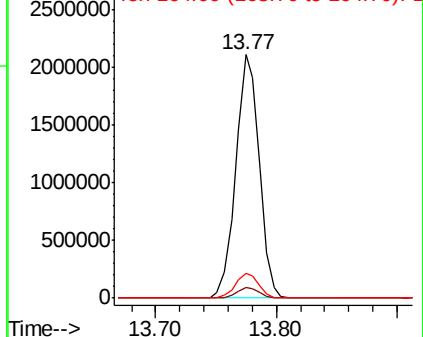
163 100

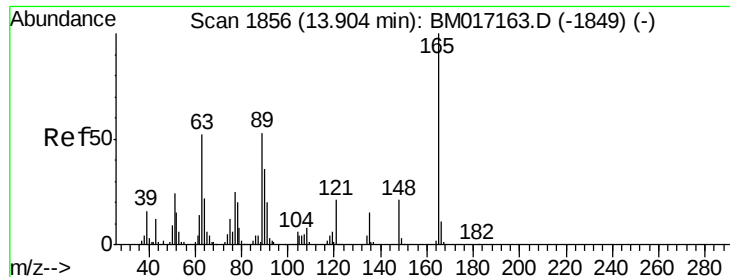
194 4.3 3.3 4.9

164 10.0 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

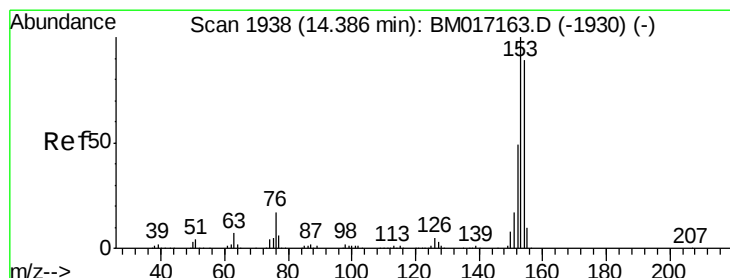
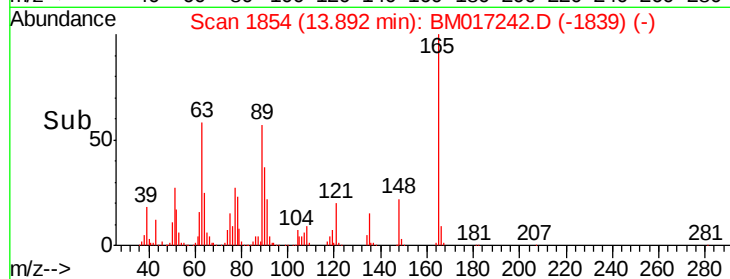
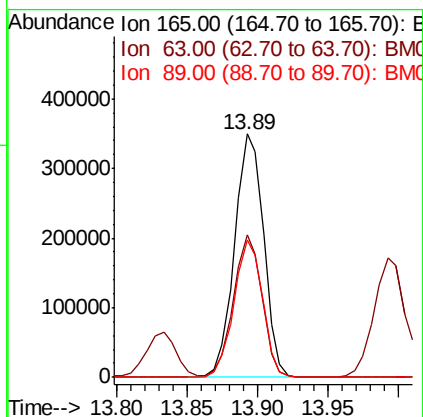
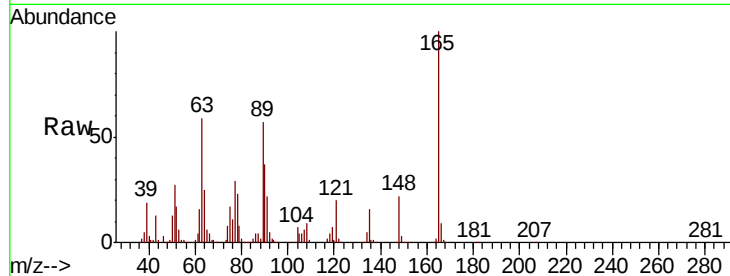




#51
2,6-Dinitrotoluene
Concen: 37.763 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

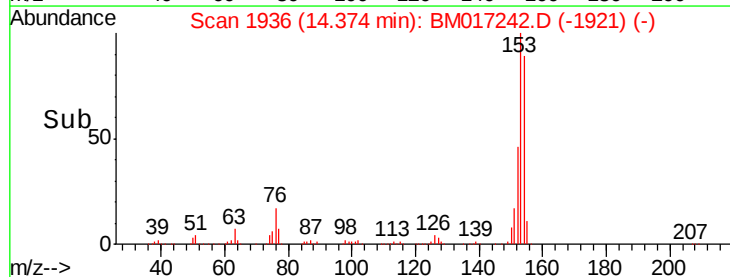
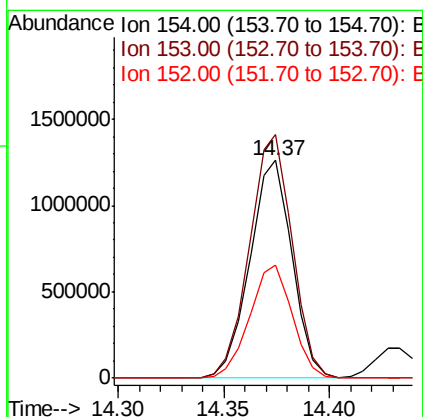
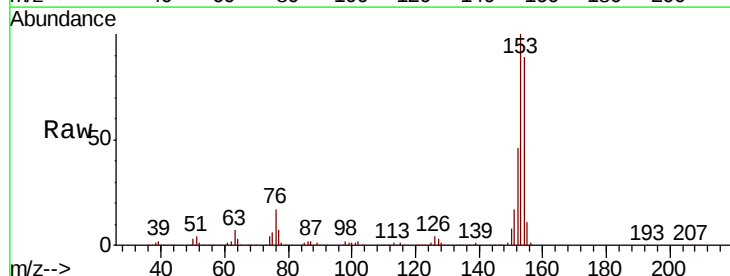
Instrument :
BNA_M
ClientSampleId :

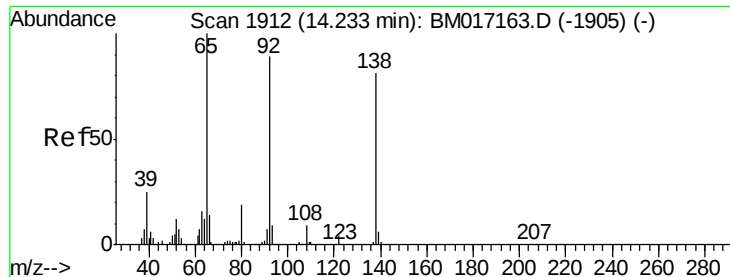
Tot Ion:165 Resp: 502819
Ion Ratio Lower Upper
165 100
63 58.6 42.7 64.1
89 56.6 42.1 63.1



#52
Acenaphthene
Concen: 37.128 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:154 Resp: 1754096
Ion Ratio Lower Upper
154 100
153 111.9 90.2 135.2
152 52.0 44.2 66.4

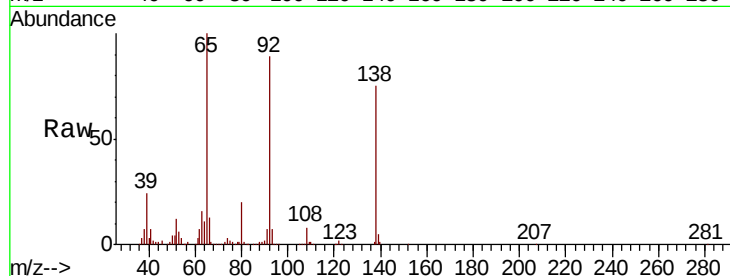




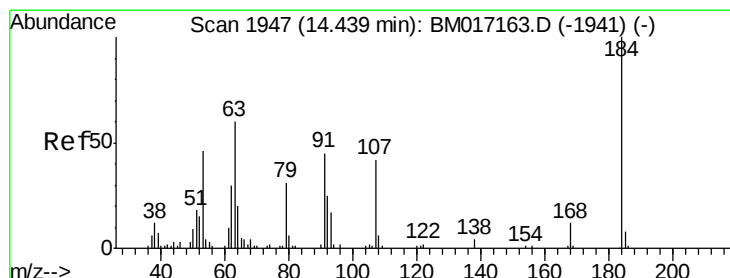
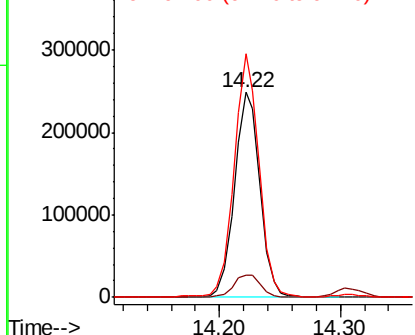
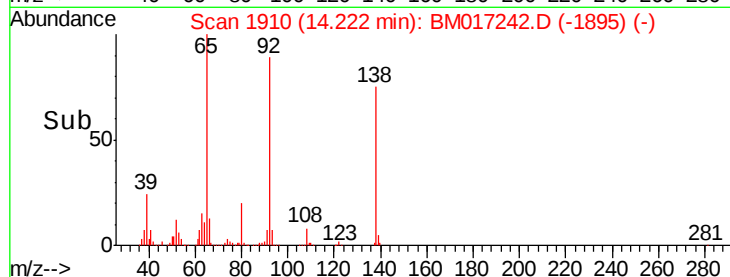
#53
 3-Nitroaniline
 Concen: 25.222 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:138 Resp: 363716
 Ion Ratio Lower Upper
 138 100
 108 11.0 8.7 13.1
 92 119.0 87.9 131.9

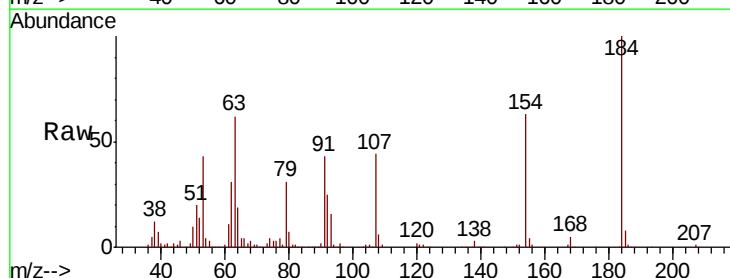


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM

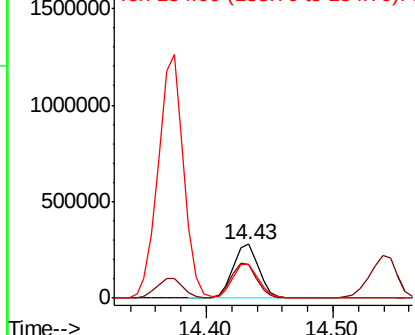
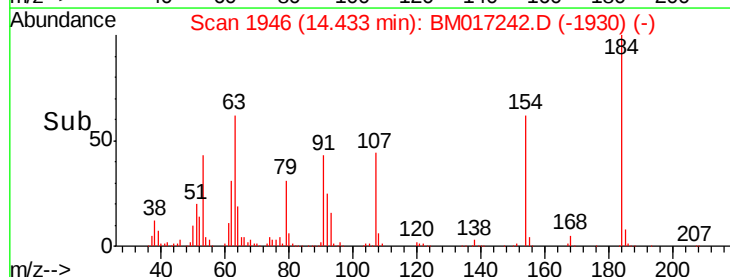


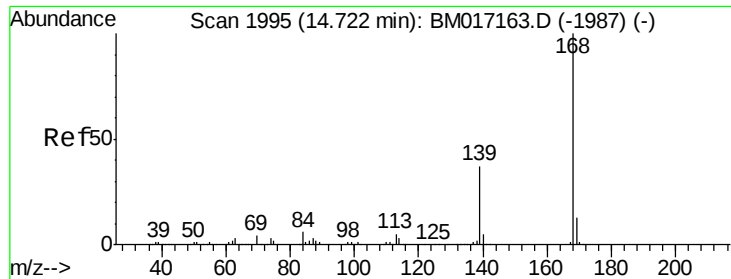
#54
 2,4-Dinitrophenol
 Concen: 53.699 ng
 RT: 14.43 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Tgt Ion:184 Resp: 395911
 Ion Ratio Lower Upper
 184 100
 63 62.4 51.2 76.8
 154 62.7 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

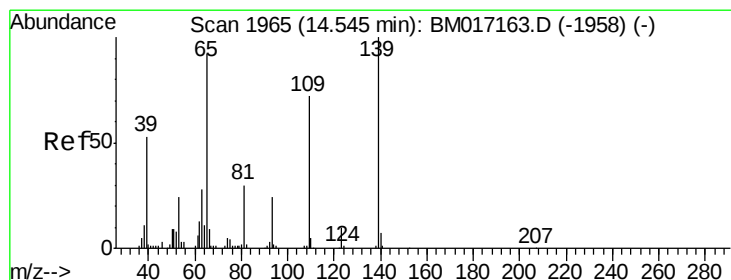
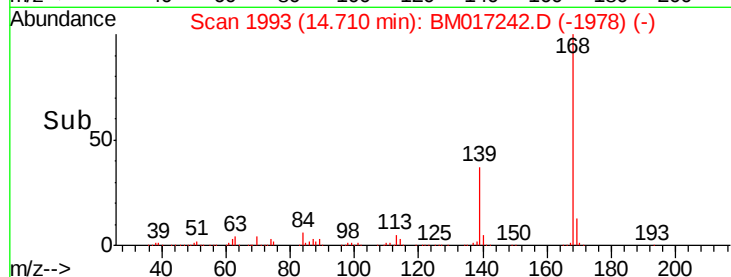
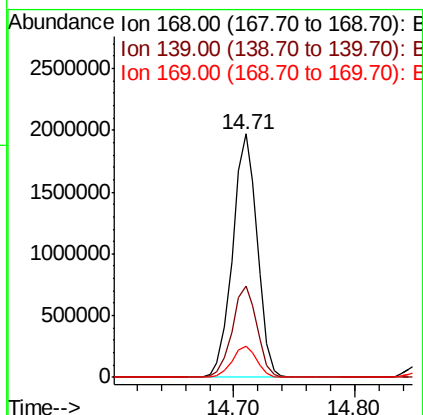
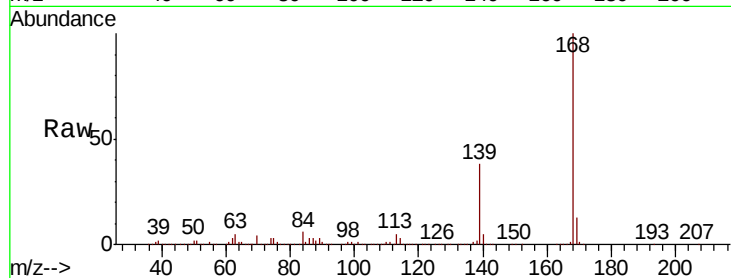




#55
Dibenzofuran
Concen: 35.486 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

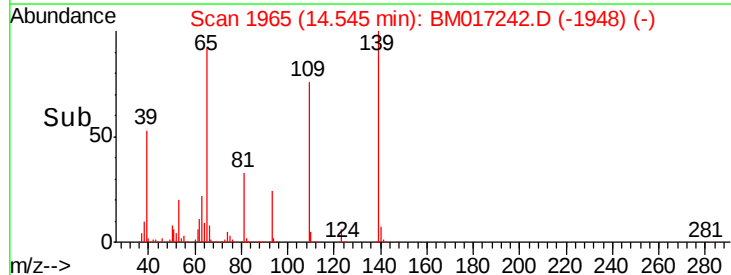
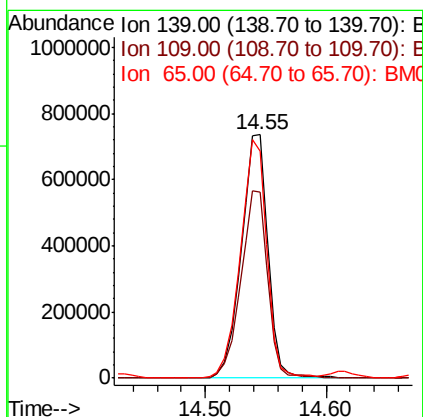
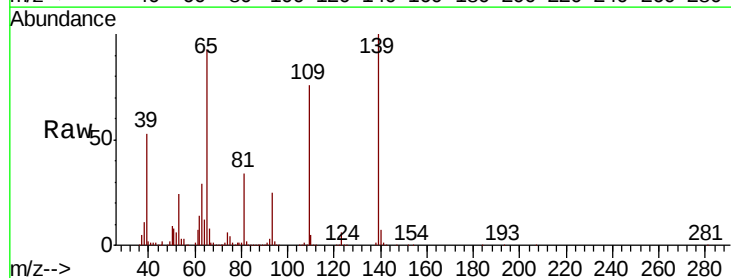
Instrument :
BNA_M
ClientSampleId :

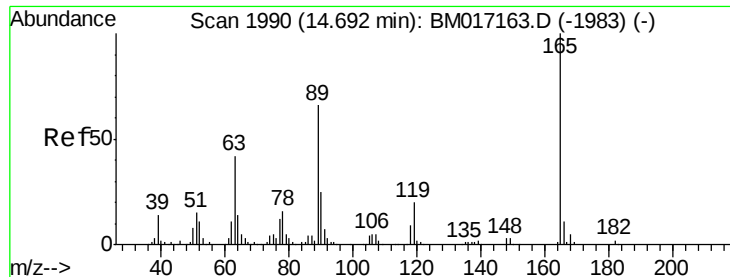
Tot Ion:168 Resp: 2788029
Ion Ratio Lower Upper
168 100
139 37.6 29.3 43.9
169 13.0 10.6 15.8



#56
4-Nitrophenol
Concen: 85.917 ng
RT: 14.55 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:139 Resp: 1134070
Ion Ratio Lower Upper
139 100
109 76.2 51.8 91.8
65 93.0 72.1 112.1

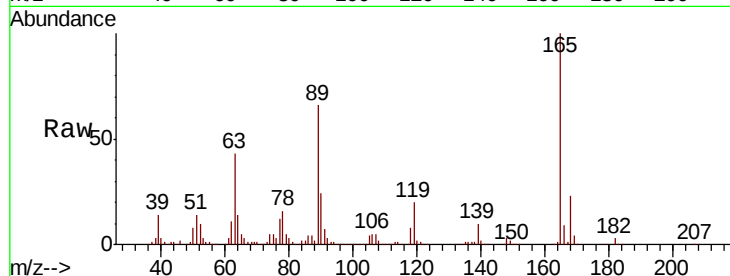




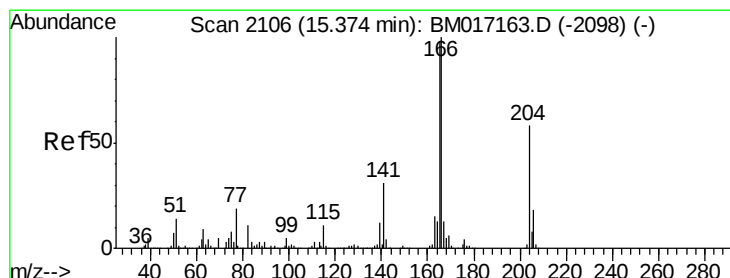
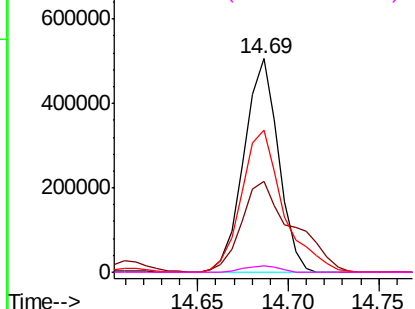
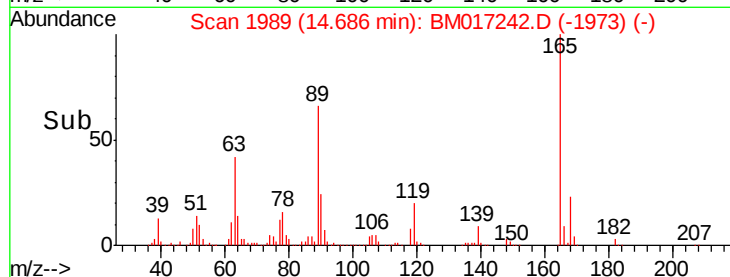
#57
 2,4-Dinitrotoluene
 Concen: 37.516 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165	Resp:	671379
Ion	Ratio	Lower Upper
165	100	
63	42.8	33.8 50.8
89	66.4	53.1 79.7
182	2.9	2.0 3.0

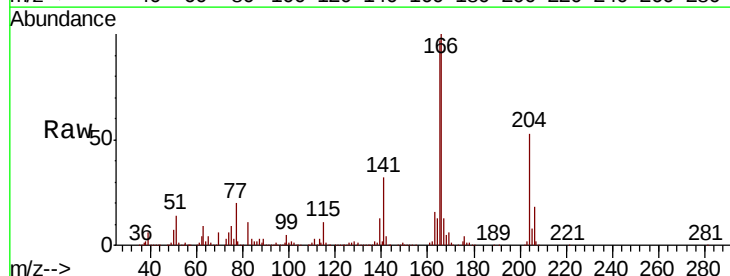


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

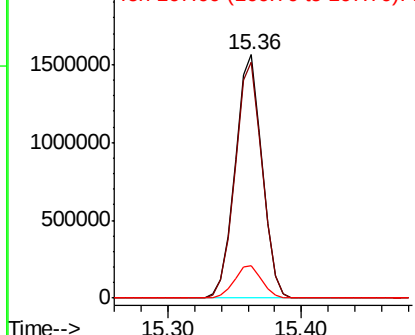
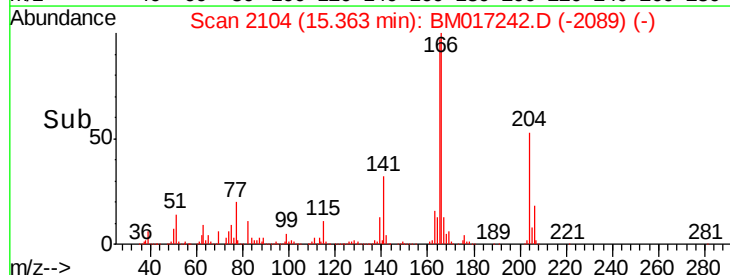


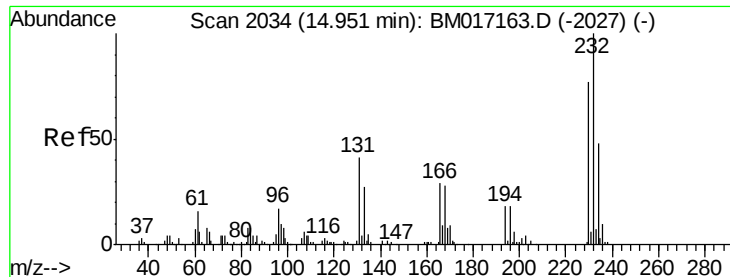
#58
 Fluorene
 Concen: 37.532 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Tgt Ion:166	Resp:	2182638
Ion	Ratio	Lower Upper
166	100	
165	96.9	78.1 117.1
167	13.4	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

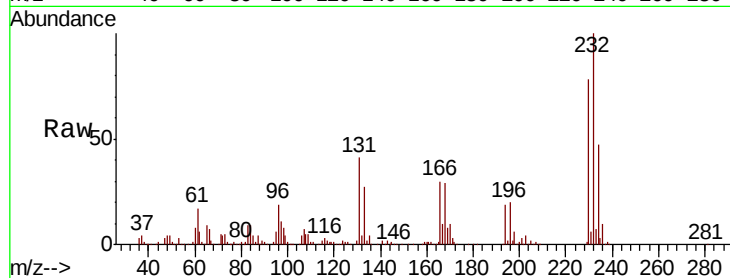




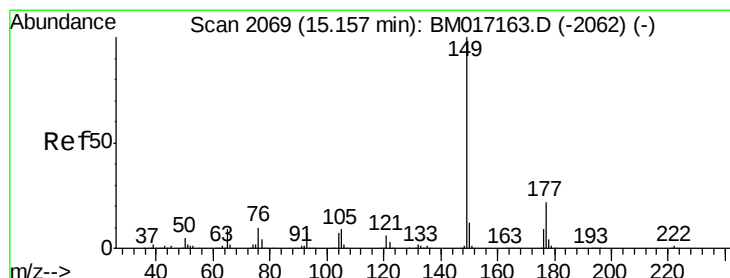
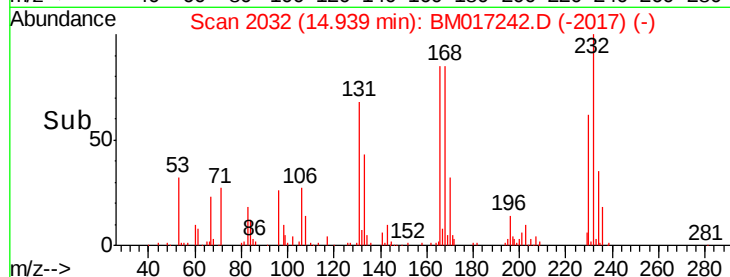
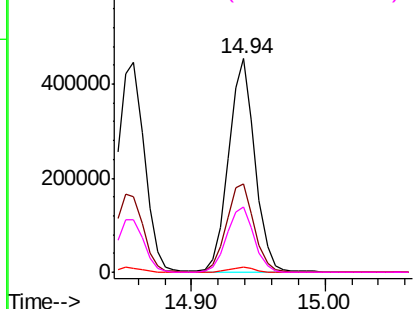
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.628 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 620928
Ion Ratio Lower Upper
232 100
131 44.0 33.1 49.7
130 2.2 1.7 2.5
166 32.0 24.4 36.6

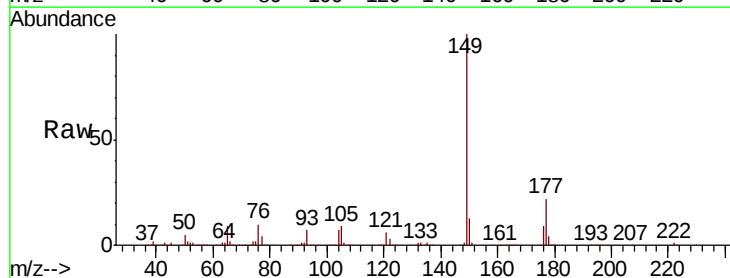


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

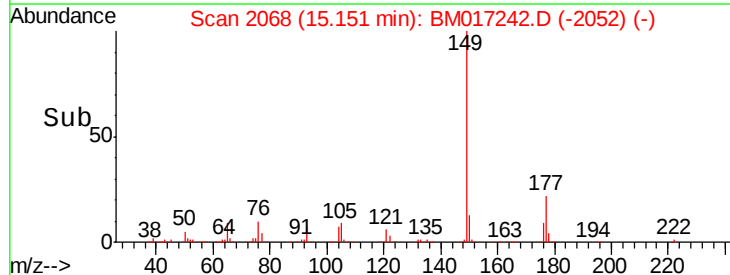
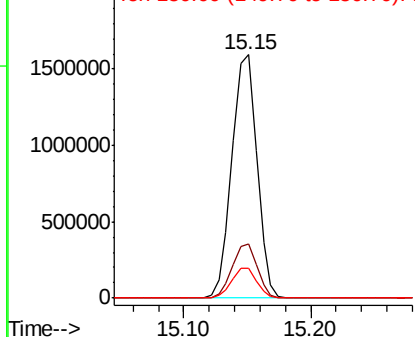


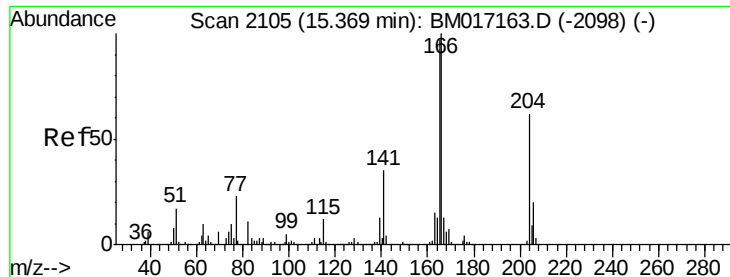
#60
Diethylphthalate
Concen: 36.422 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:149 Resp: 2185126
Ion Ratio Lower Upper
149 100
177 22.3 17.7 26.5
150 12.5 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

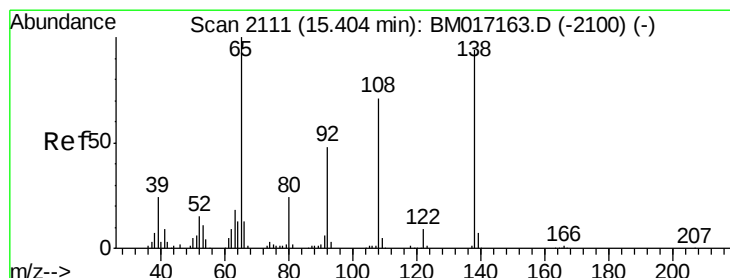
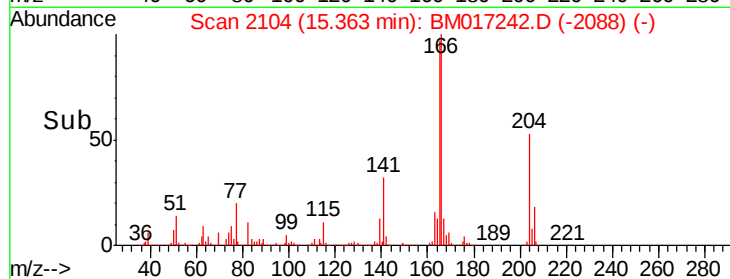
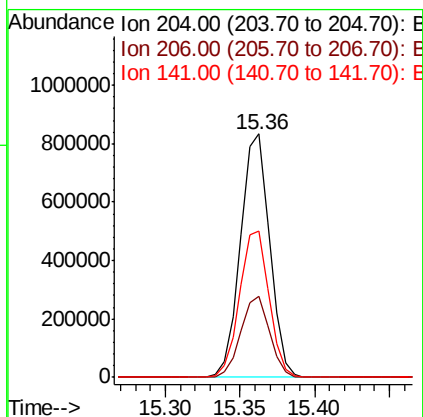
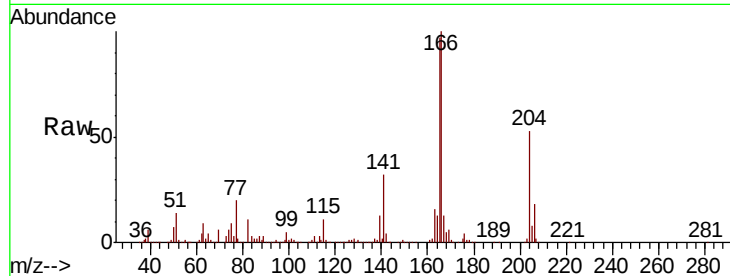




#61
4-Chlorophenyl-phenylether
Concen: 34.020 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

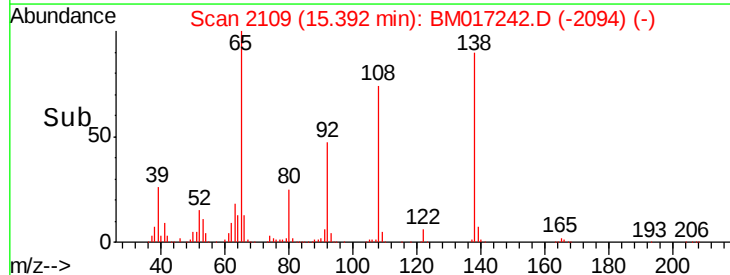
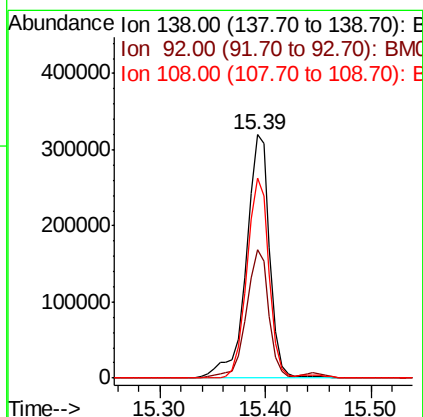
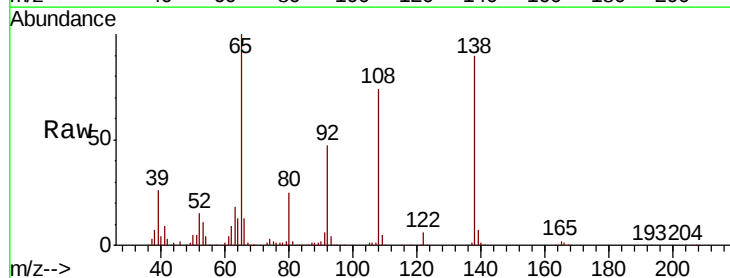
Instrument :
BNA_M
ClientSampled :

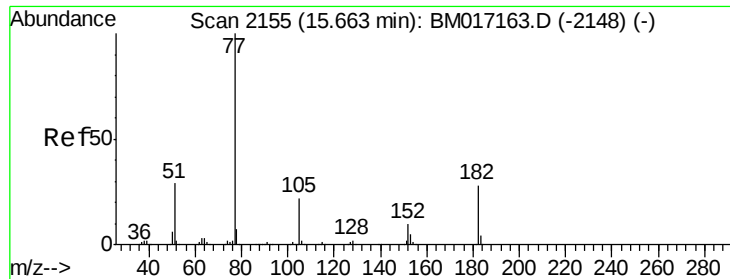
Tot Ion:204 Resp: 1127875
Ion Ratio Lower Upper
204 100
206 33.5 26.1 39.1
141 60.1 45.4 68.2



#62
4-Nitroaniline
Concen: 32.648 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:138 Resp: 498256
Ion Ratio Lower Upper
138 100
92 52.8 31.2 71.2
108 82.1 55.5 95.5

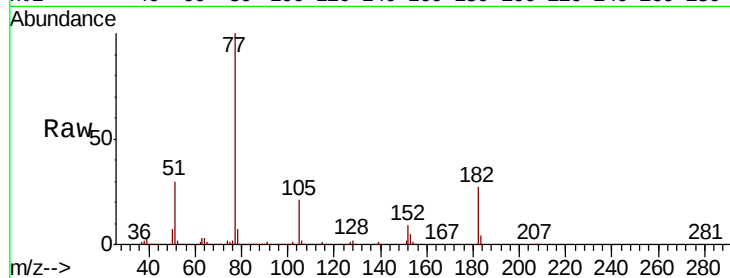




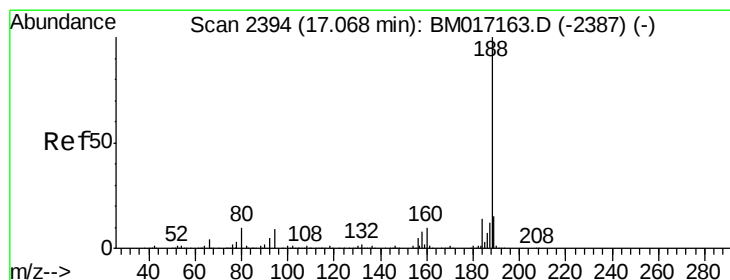
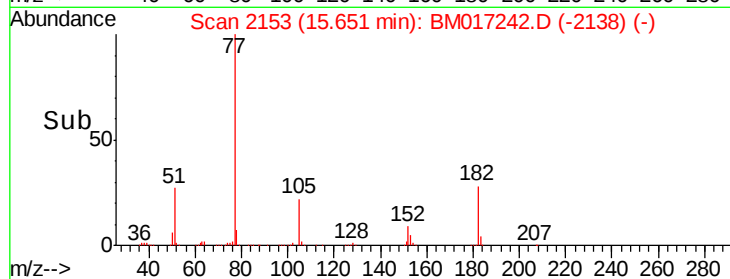
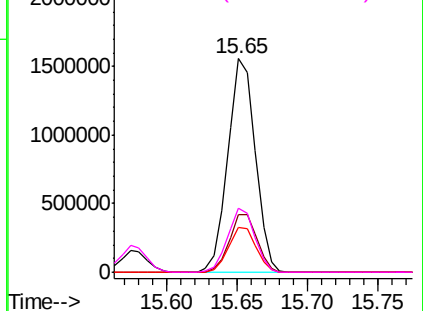
#63
Azobenzene
Concen: 36.108 ng
RT: 15.65 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2105616
Ion Ratio Lower Upper
77 100
182 26.8 8.3 48.3
105 21.2 1.5 41.5
51 30.3 8.8 48.8

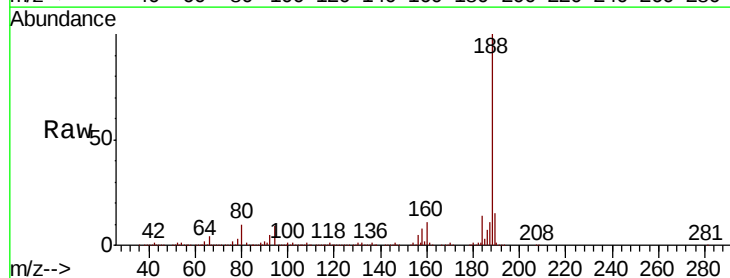


Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017163.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017163.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017163.D (-2148) (-)

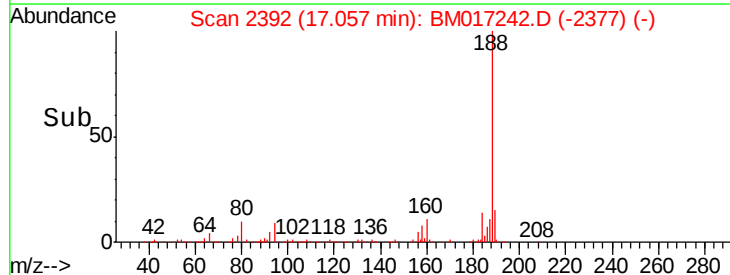
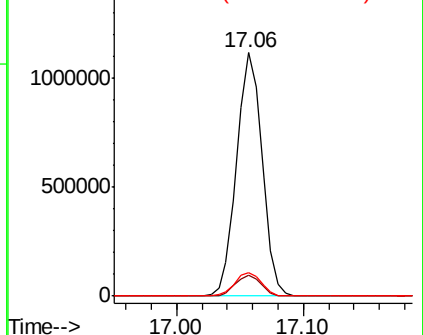


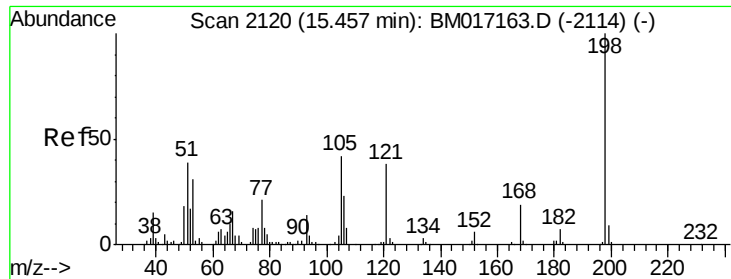
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion: 188 Resp: 1554273
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017163.D (-2387) (-)
Ion 94.00 (93.70 to 94.70): BM017163.D (-2387) (-)
Ion 80.00 (79.70 to 80.70): BM017163.D (-2387) (-)

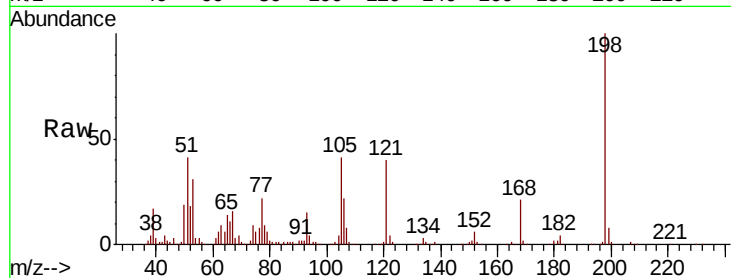




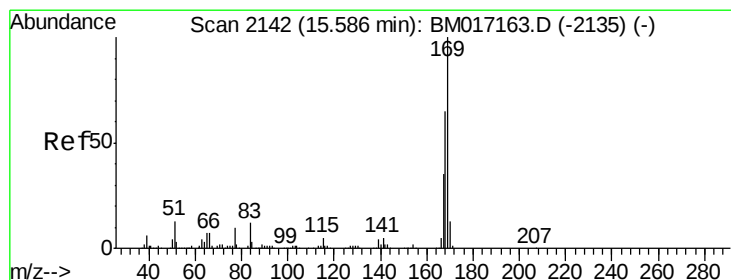
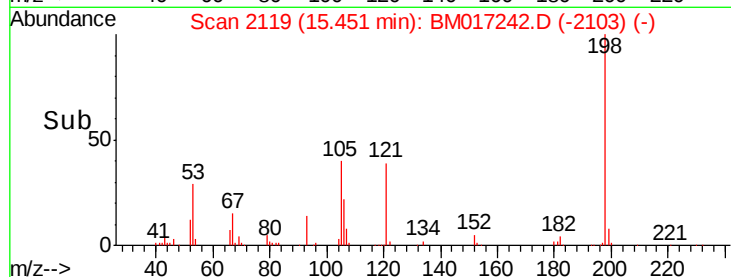
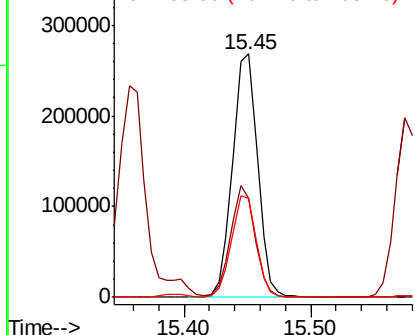
#65
4,6-Dinitro-2-methylphenol
Concen: 38.445 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:198 Resp: 367419
Ion Ratio Lower Upper
198 100
51 40.9 20.3 60.3
105 40.5 21.9 61.9

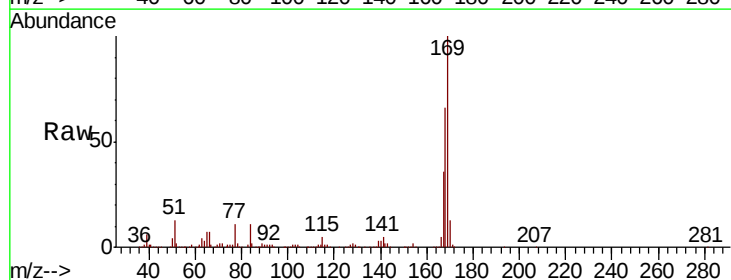


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM017163.D (-2114) (-)
Ion 105.00 (104.70 to 105.70): E

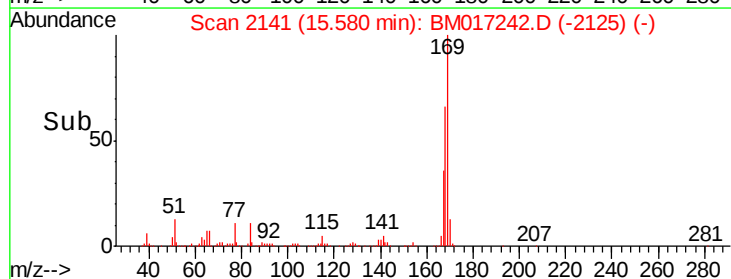
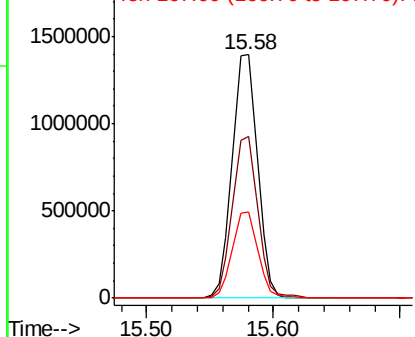


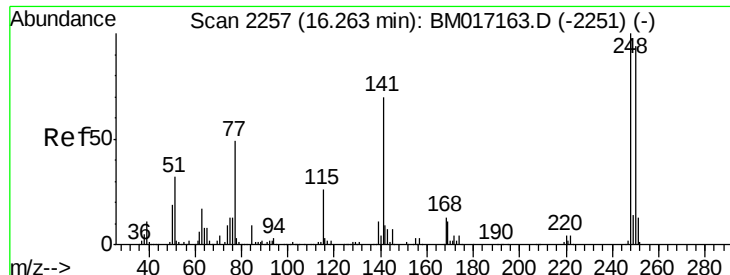
#66
n-Nitrosodiphenylamine
Concen: 41.058 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:169 Resp: 1930742
Ion Ratio Lower Upper
169 100
168 66.3 52.2 78.4
167 35.5 28.4 42.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

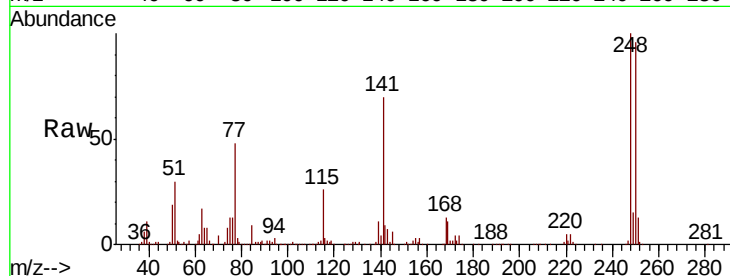




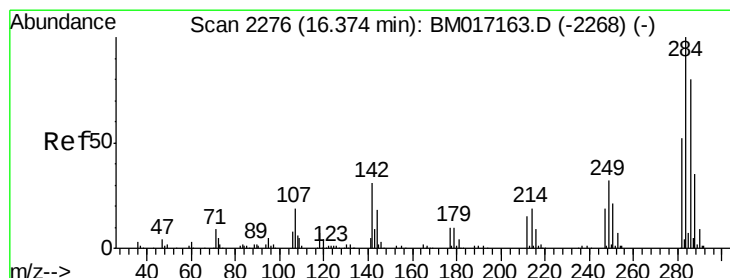
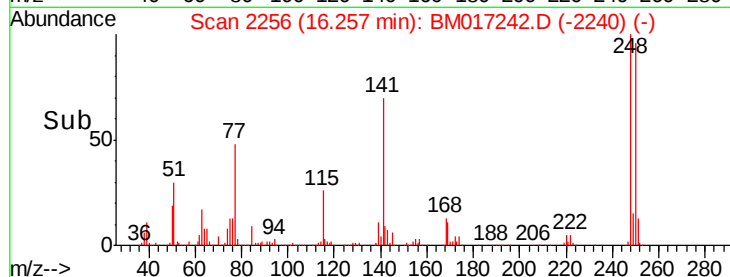
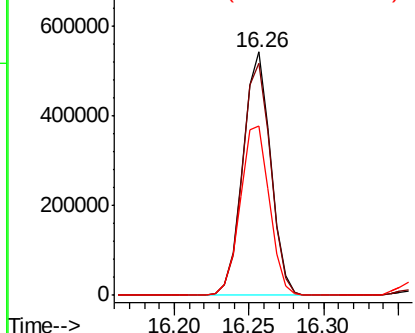
#67
4-Bromophenyl-phenylether
Concen: 40.692 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 694447
Ion Ratio Lower Upper
248 100
250 95.6 75.1 112.7
141 69.6 55.6 83.4

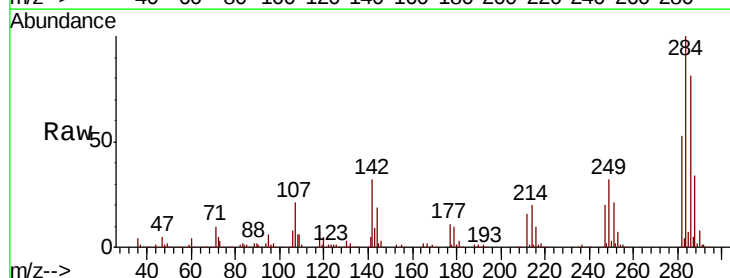


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

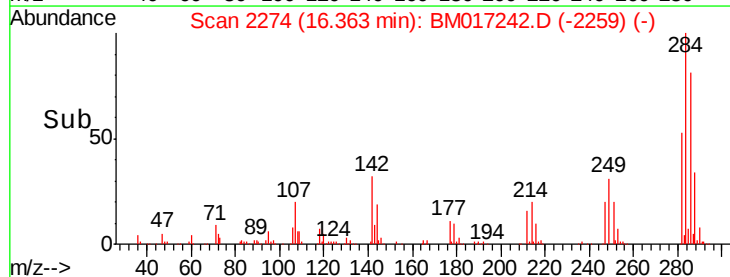
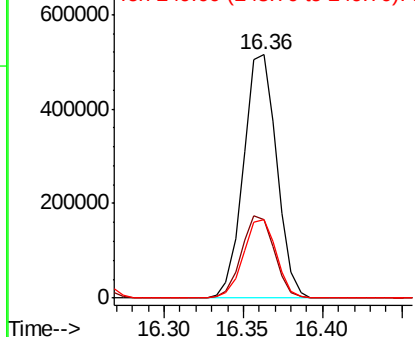


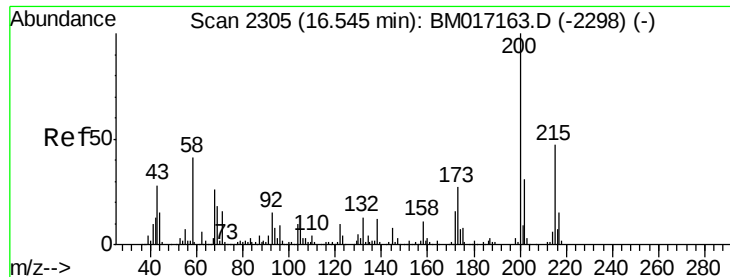
#68
Hexachlorobenzene
Concen: 37.648 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:284 Resp: 746322
Ion Ratio Lower Upper
284 100
142 32.4 25.0 37.6
249 32.4 25.5 38.3



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

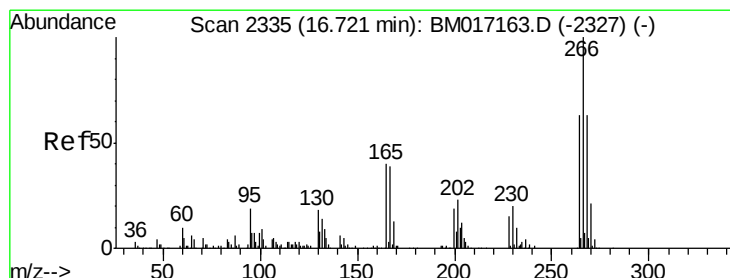
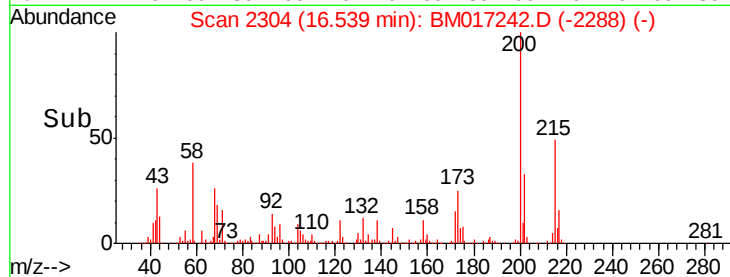
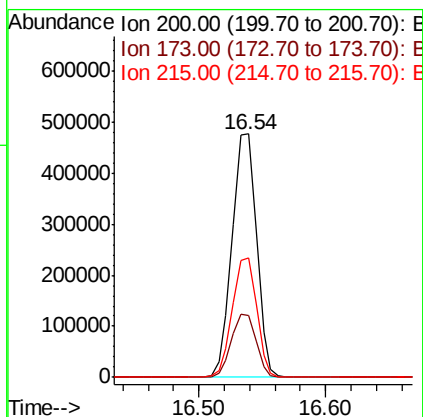
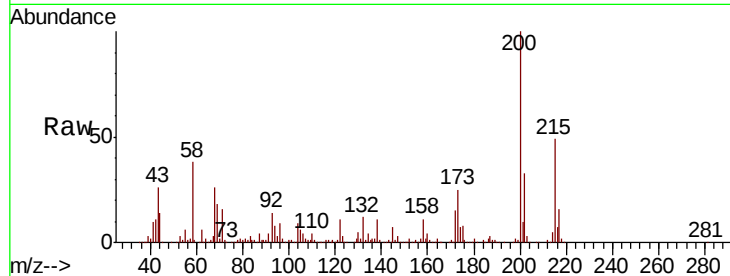




#69
 Atrazine
 Concen: 37.920 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

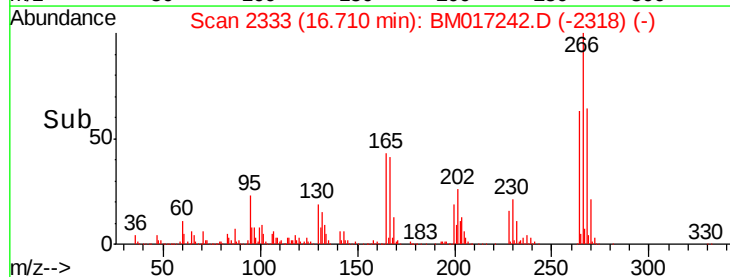
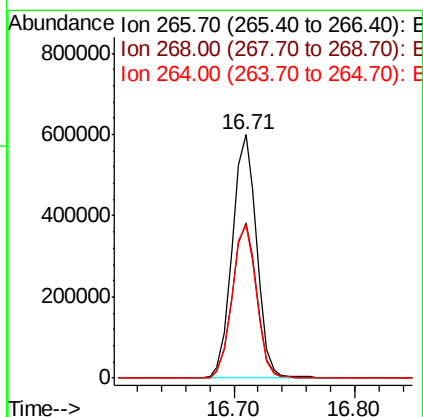
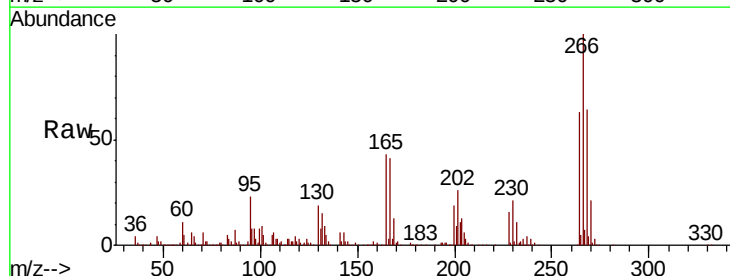
Instrument :
 BNA_M
 ClientSampleId :

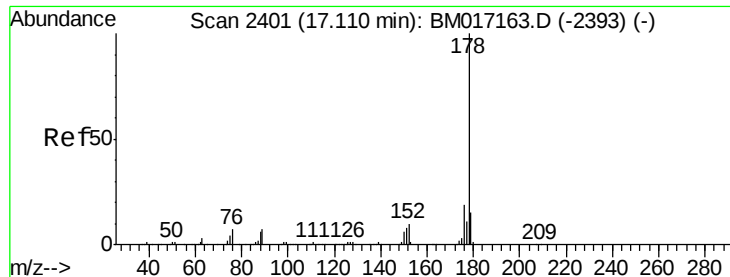
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	7.0	47.0
215	49.1	27.3	67.3



#70
 Pentachlorophenol
 Concen: 62.388 ng
 RT: 16.71 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	50.7	76.1
264	62.9	50.4	75.6

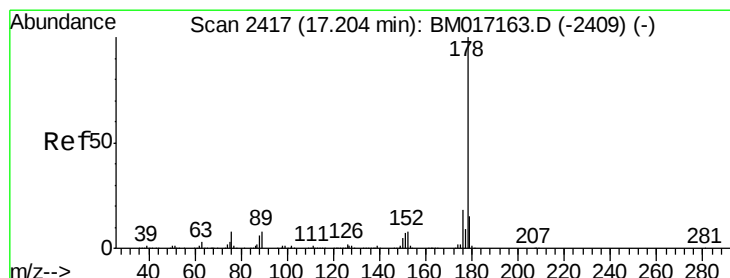
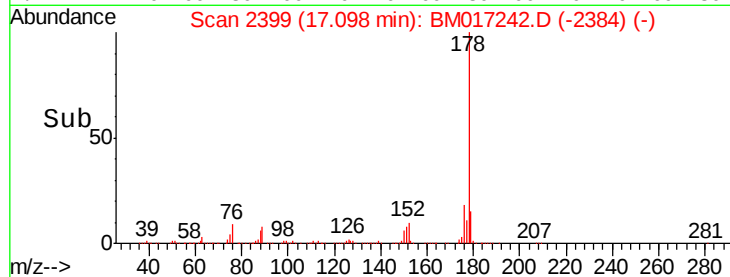
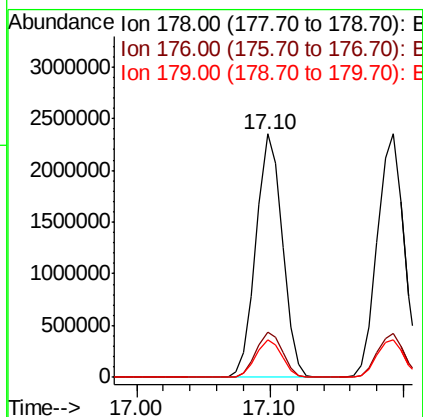
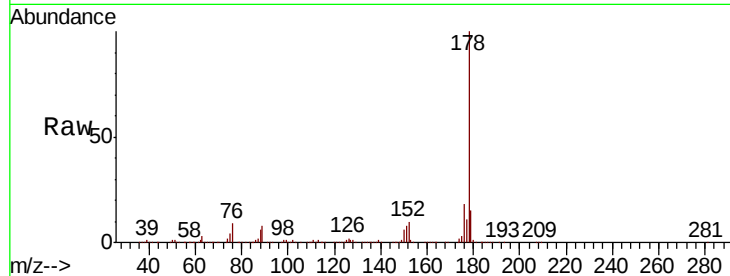




#71
Phenanthrene
Concen: 38.149 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

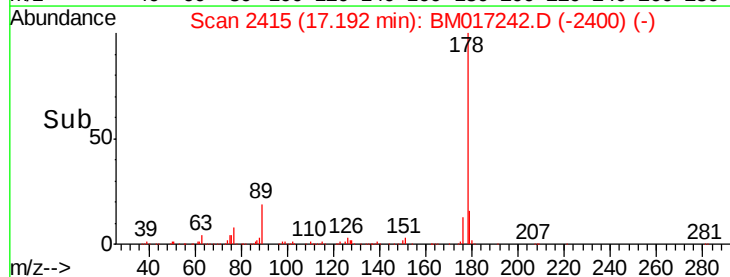
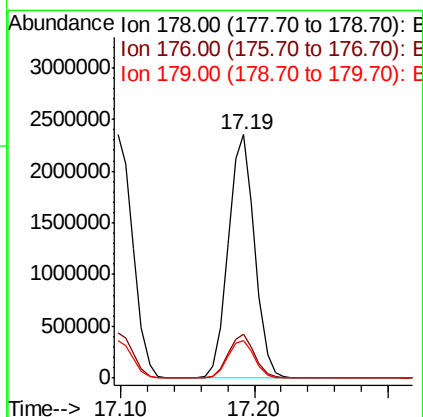
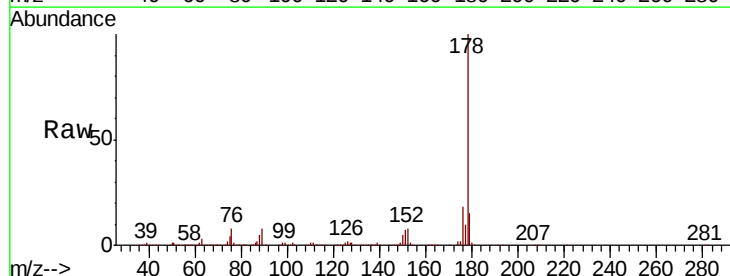
Instrument :
BNA_M
ClientSampleId :

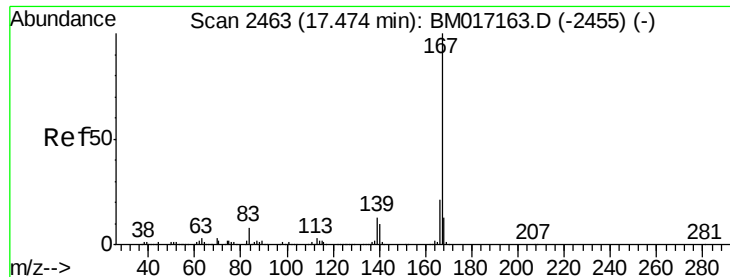
Tot Ion:178 Resp: 3199070
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.3 12.3 18.5



#72
Anthracene
Concen: 40.717 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:178 Resp: 3244359
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.4 12.2 18.2





#73

Carbazole

Concen: 34.869 ng

RT: 17.46 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampled :

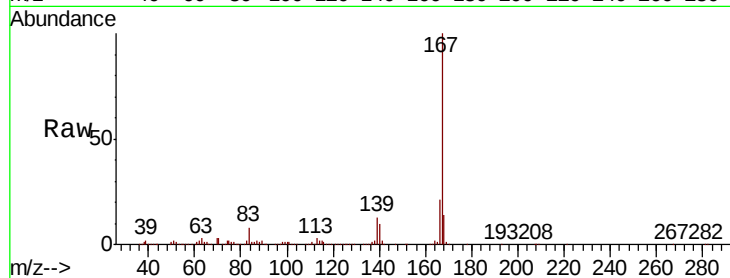
Tot Ion:167 Resp: 2838102

Ion Ratio Lower Upper

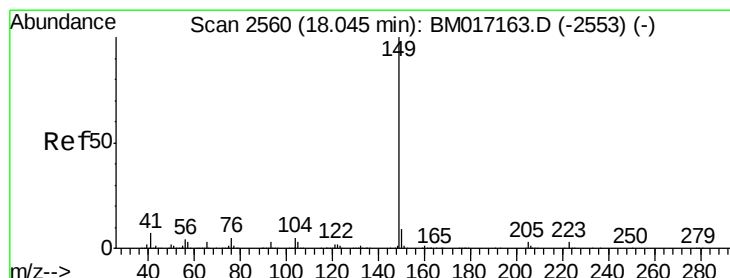
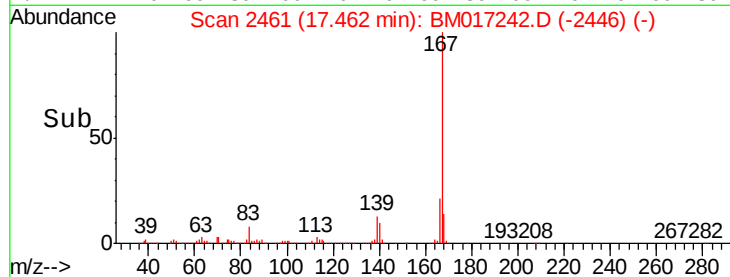
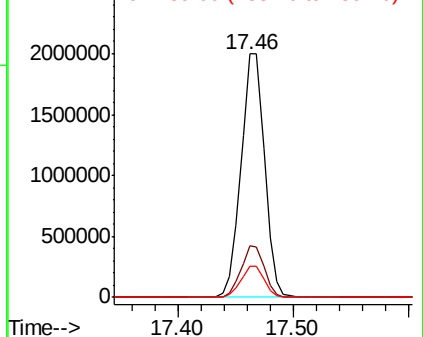
167 100

166 21.2 17.1 25.7

139 13.0 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: 37.007 ng

RT: 18.03 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

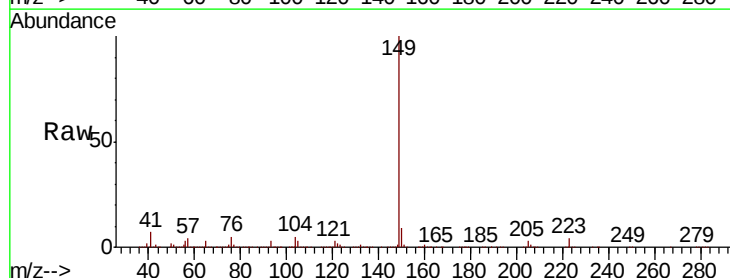
Tgt Ion:149 Resp: 3176959

Ion Ratio Lower Upper

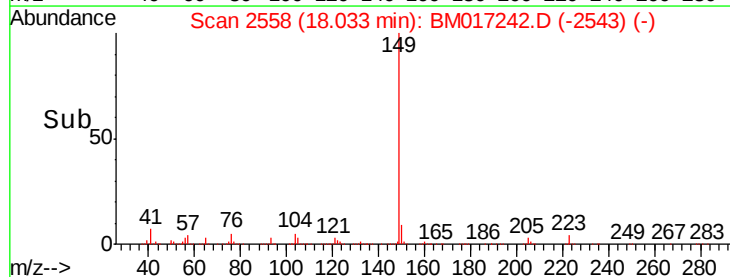
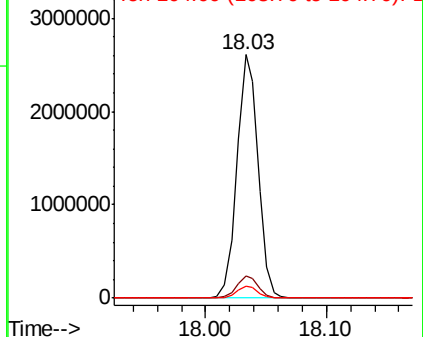
149 100

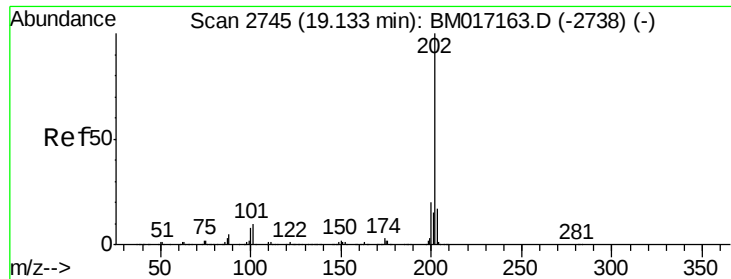
150 9.2 7.4 11.0

104 5.2 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: 34.410 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampleId :

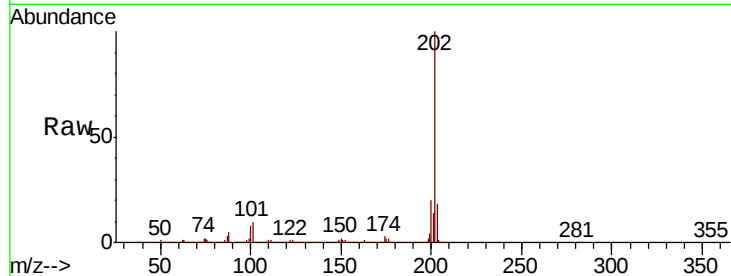
Tot Ion:202 Resp: 3246998

Ion Ratio Lower Upper

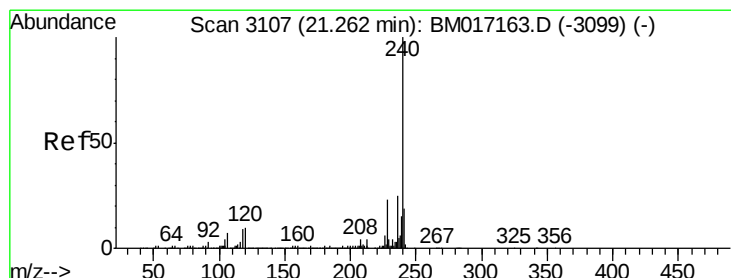
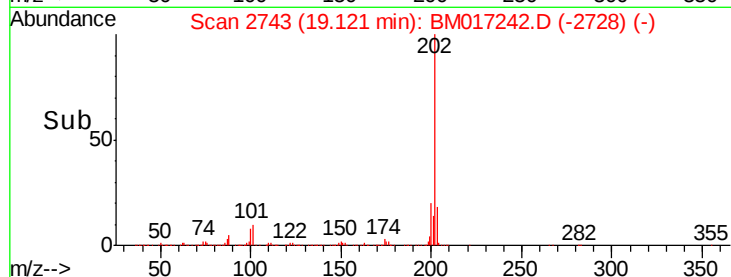
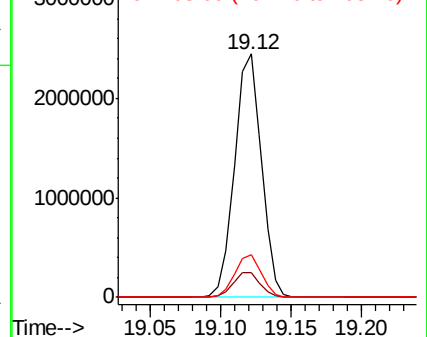
202 100

101 10.0 0.0 30.0

203 17.7 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: BM017242.D

Acq: 19 Oct 2018 22:29

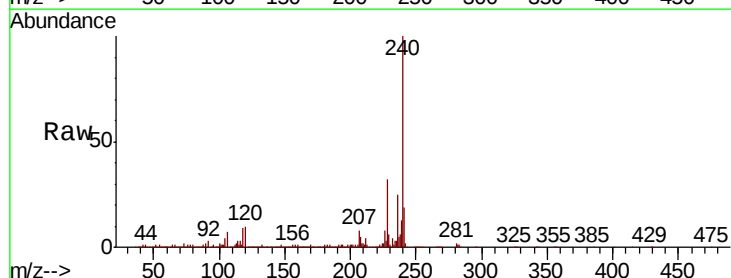
Tgt Ion:240 Resp: 1226724

Ion Ratio Lower Upper

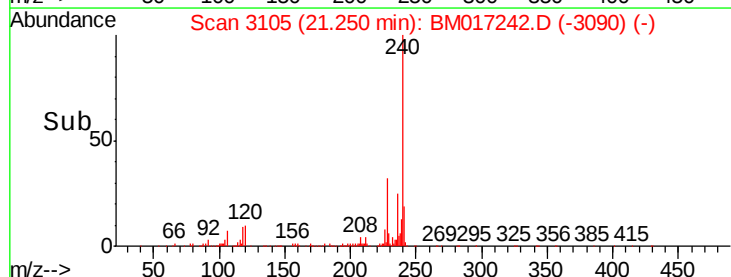
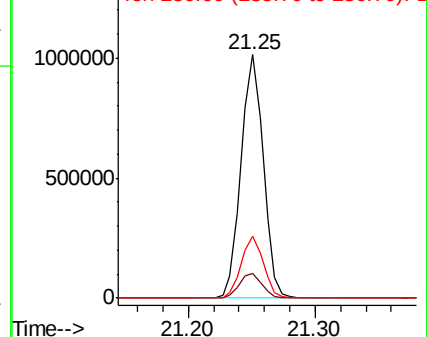
240 100

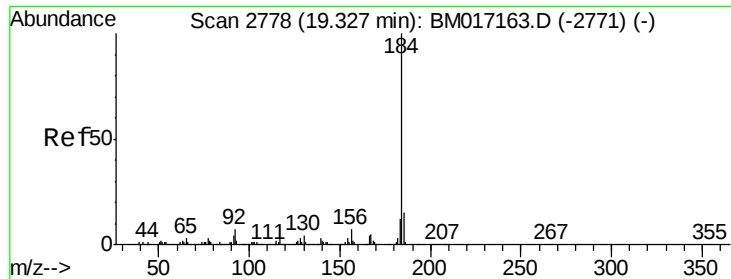
120 10.2 8.1 12.1

236 25.3 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

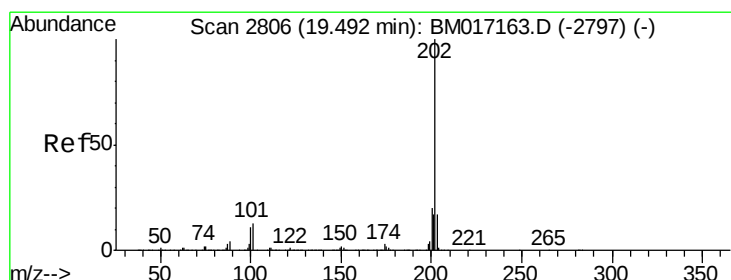
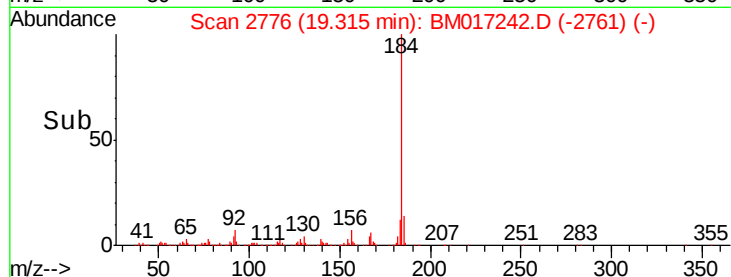
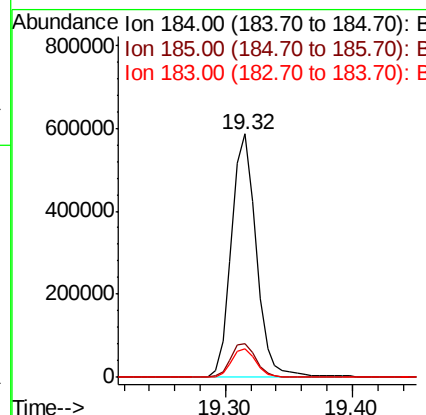
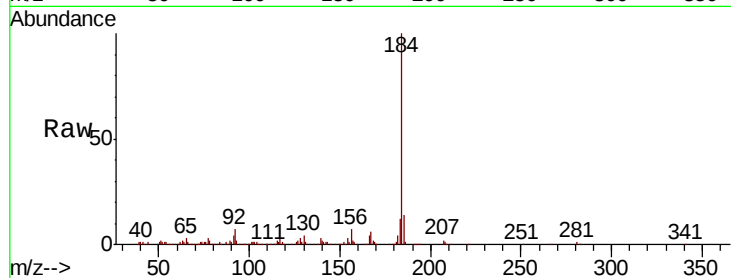




#77
Benzidine
Concen: 25.666 ng
RT: 19.32 min Scan# 2776
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

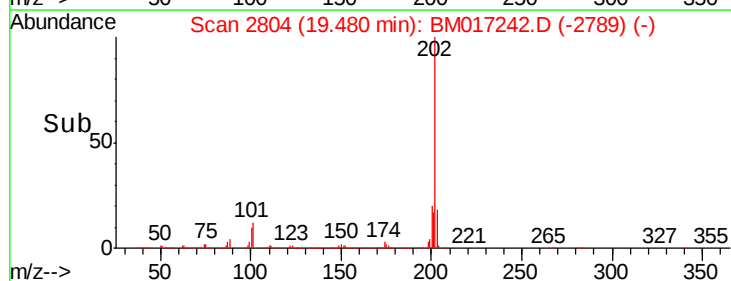
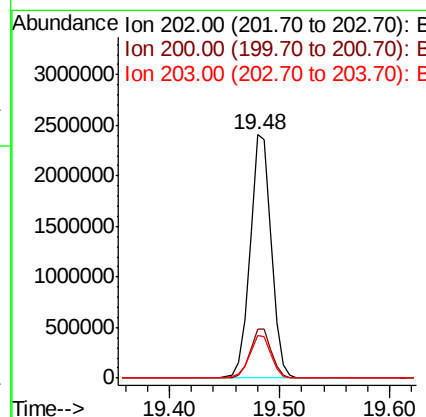
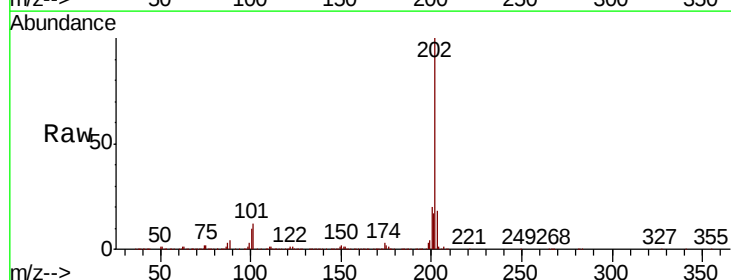
Instrument :
BNA_M
ClientSampleId :

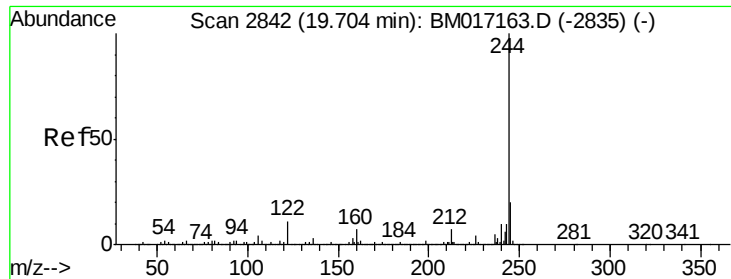
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.8
183	11.8	9.7	14.5



#78
Pyrene
Concen: 47.118 ng
RT: 19.48 min Scan# 2804
Delta R.T. -0.01 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.6	13.9	20.9

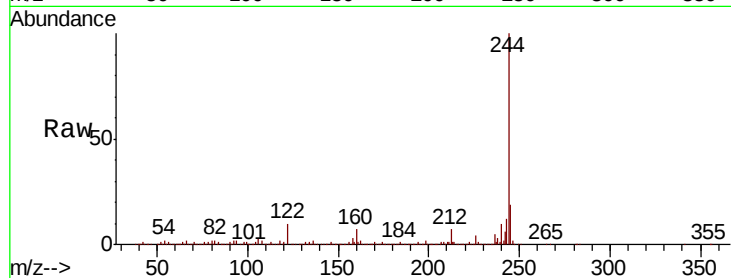




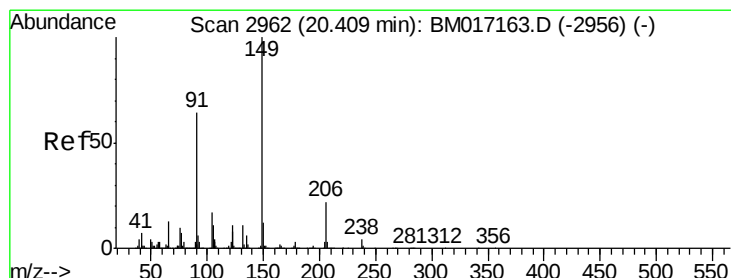
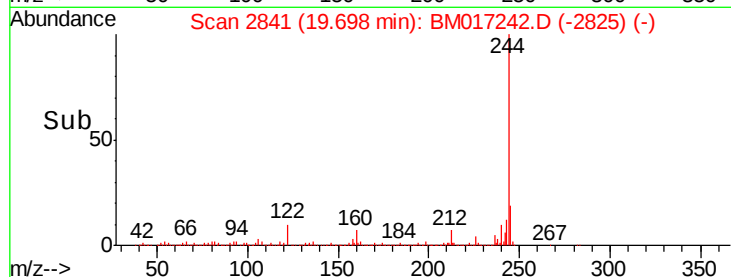
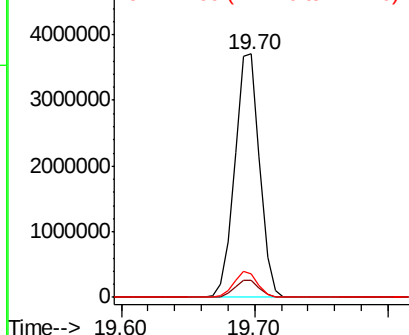
#79
 Terphenyl-d14
 Concen: 88.099 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 4794739
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 9.7 8.4 12.6

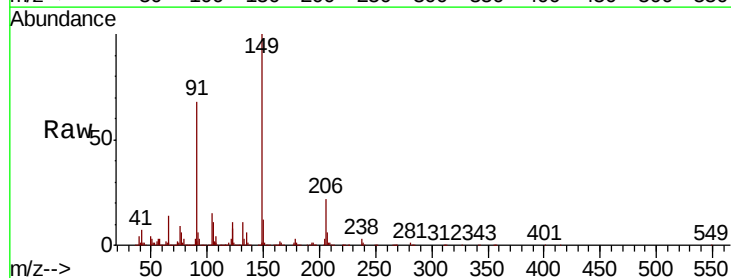


Abundance Ion 244.00 (243.70 to 244.70): E
 5000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

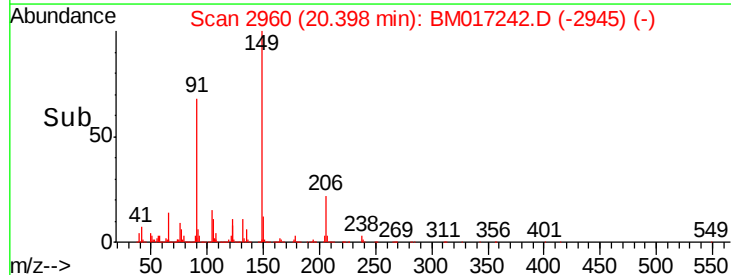
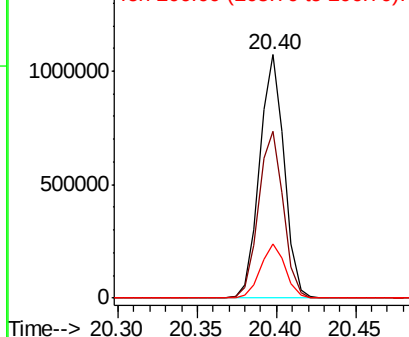


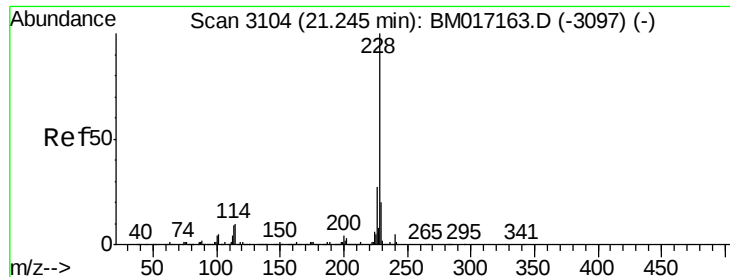
#80
 Butylbenzylphthalate
 Concen: 44.966 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Tgt Ion:149 Resp: 1159254
 Ion Ratio Lower Upper
 149 100
 91 68.3 51.3 76.9
 206 22.2 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.958 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampled :

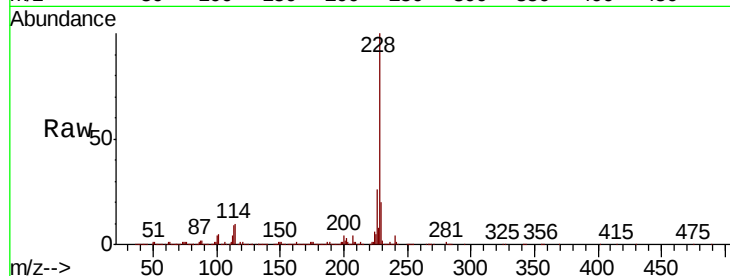
Tot Ion:228 Resp: 2758437

Ion Ratio Lower Upper

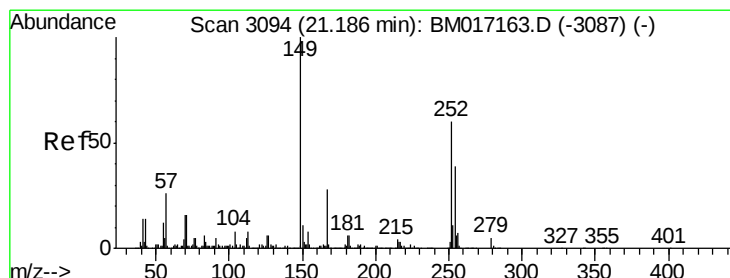
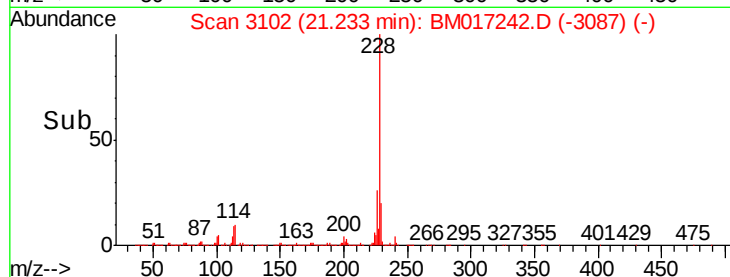
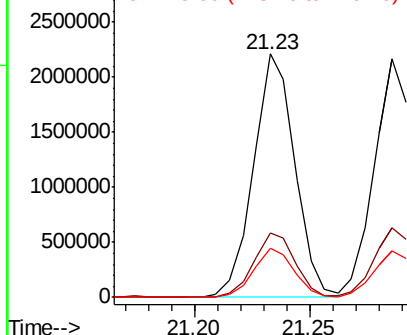
228 100

226 26.4 21.4 32.0

229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
3000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.452 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

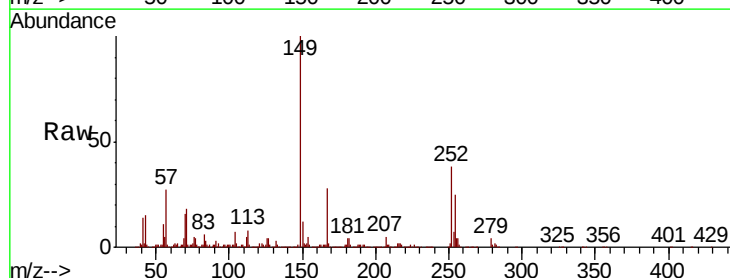
Tgt Ion:252 Resp: 680582

Ion Ratio Lower Upper

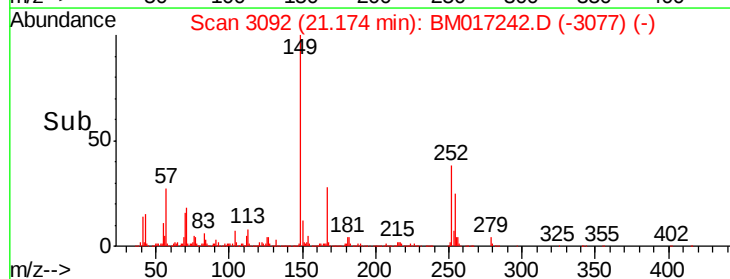
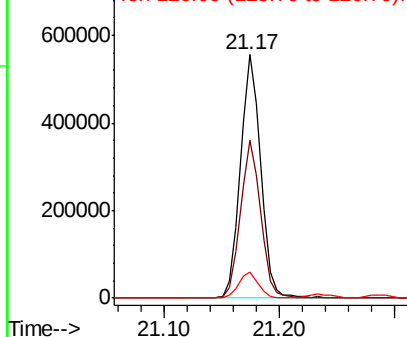
252 100

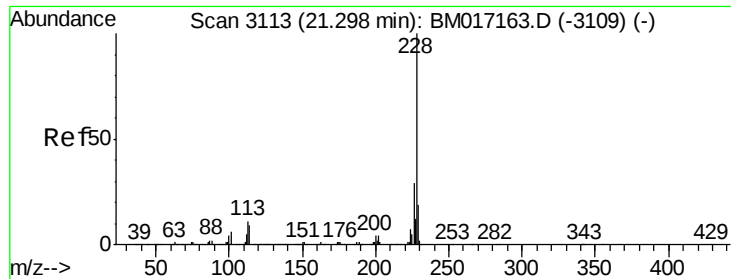
254 65.1 52.1 78.1

126 10.9 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
600000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

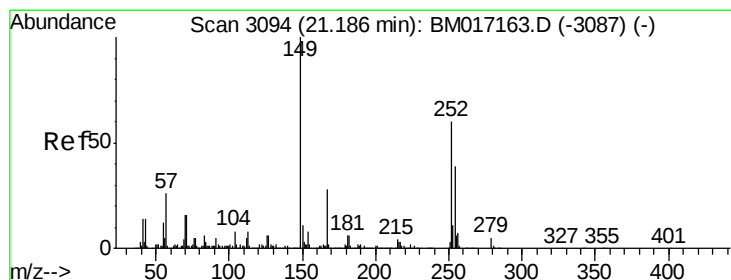
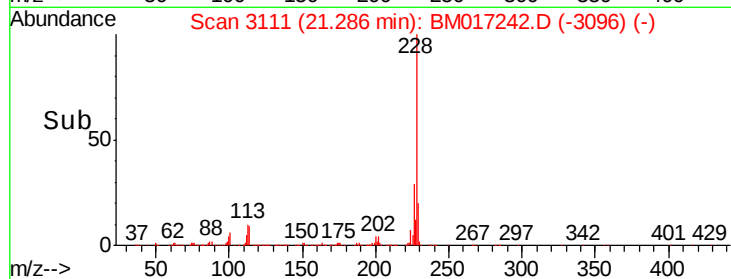
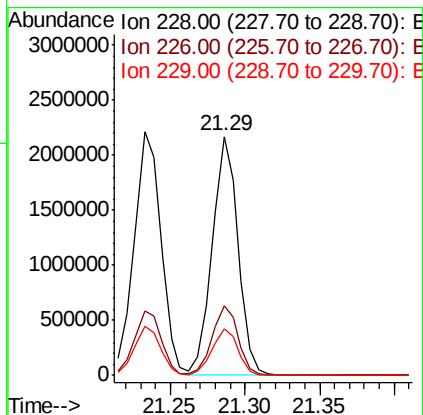
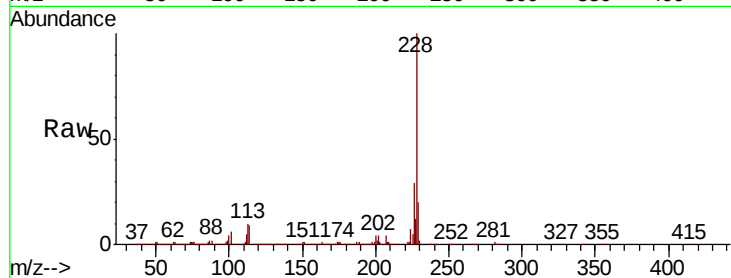




#83
 Chrysene
 Concen: 38.132 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

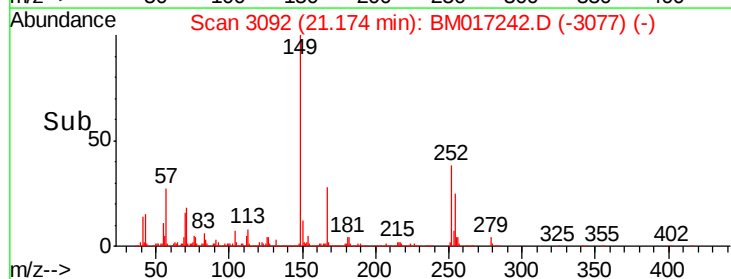
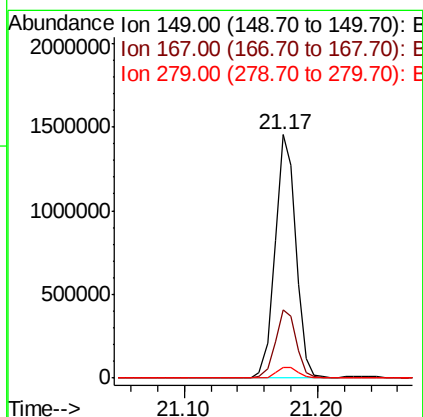
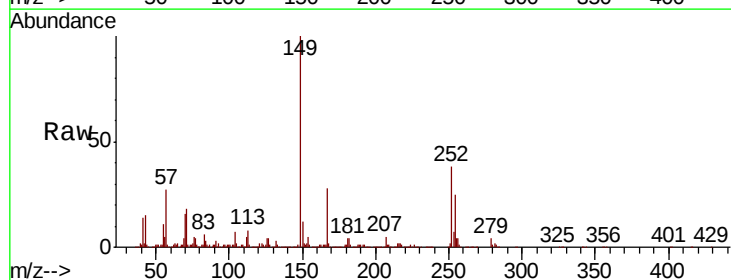
Instrument :
 BNA_M
 ClientSampleId :

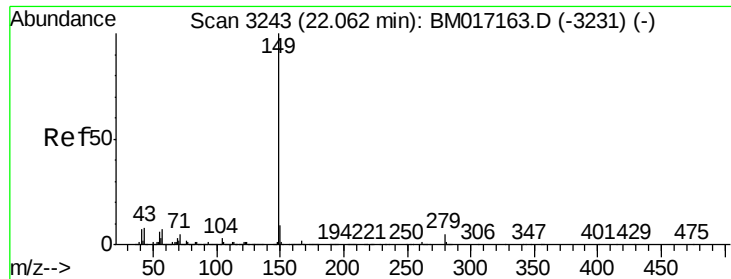
Tot Ion:228 Resp: 2605492
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.3 34.9
 229 19.5 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.717 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017242.D
 Acq: 19 Oct 2018 22:29

Tgt Ion:149 Resp: 1589197
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.2 33.4
 279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 38.838 ng

RT: 22.05 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampled :

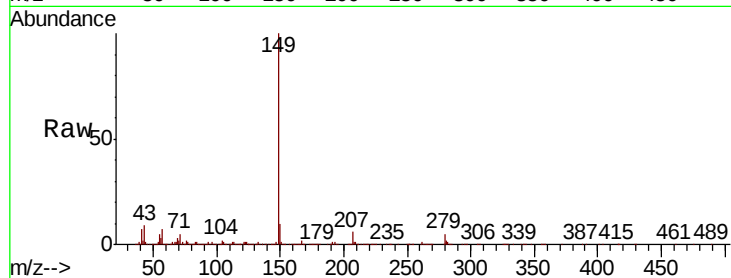
Tot Ion:149 Resp: 2545109

Ion Ratio Lower Upper

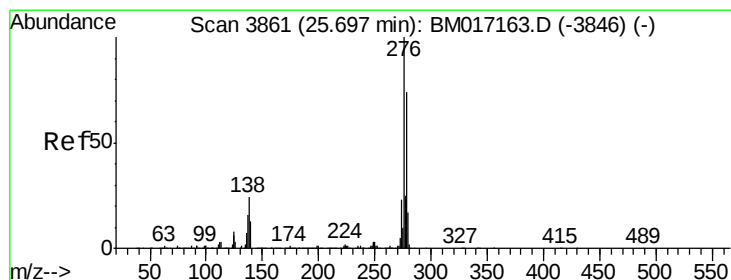
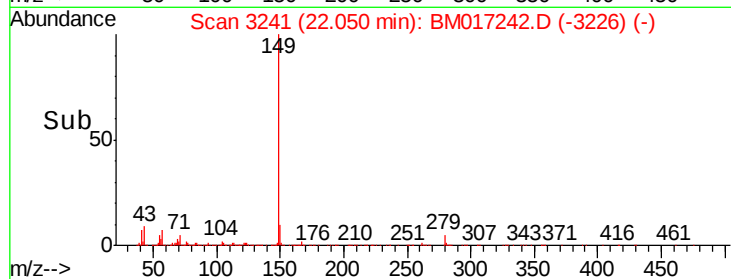
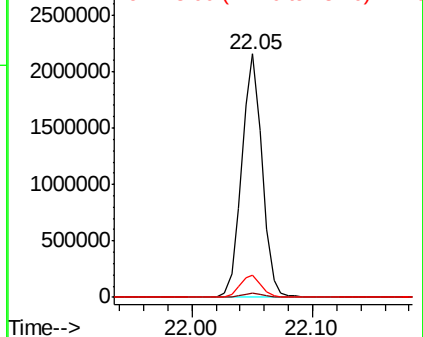
149 100

167 1.6 1.4 2.0

43 9.2 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.039 ng

RT: 25.67 min Scan# 3857

Delta R.T. -0.02 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

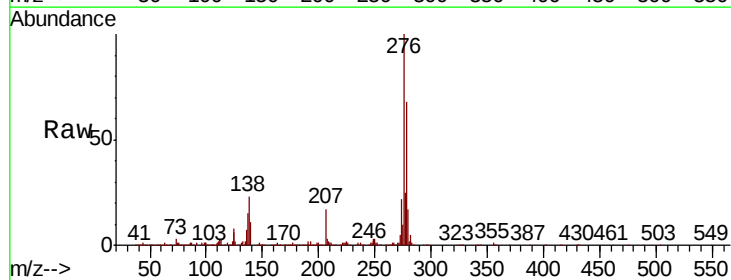
Tgt Ion:276 Resp: 3059968

Ion Ratio Lower Upper

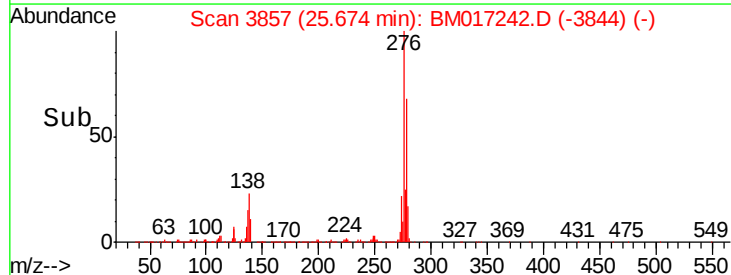
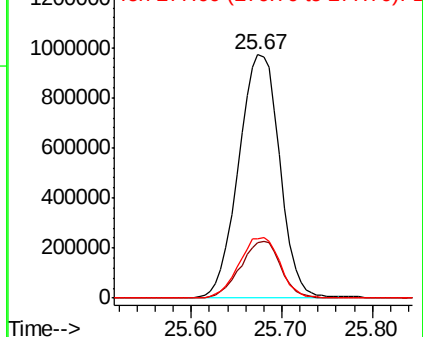
276 100

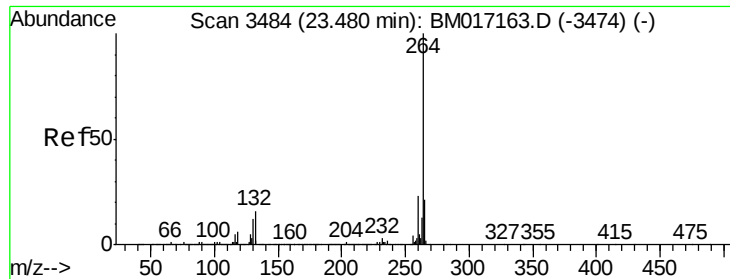
138 22.9 19.5 29.3

277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



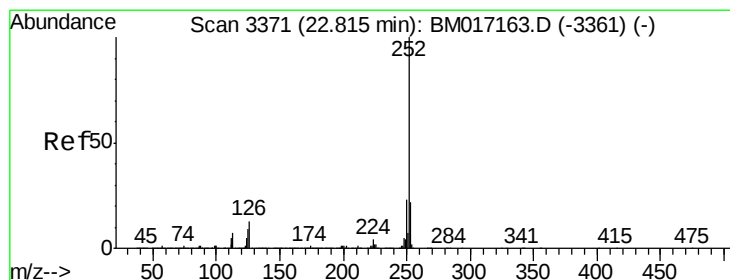
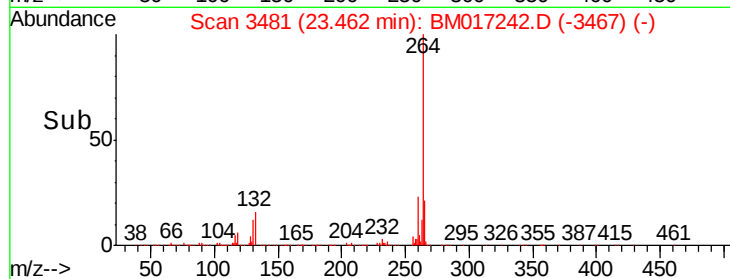
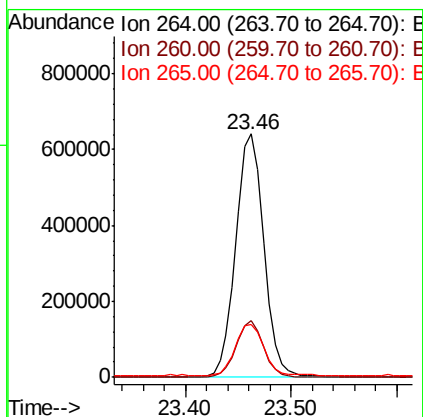
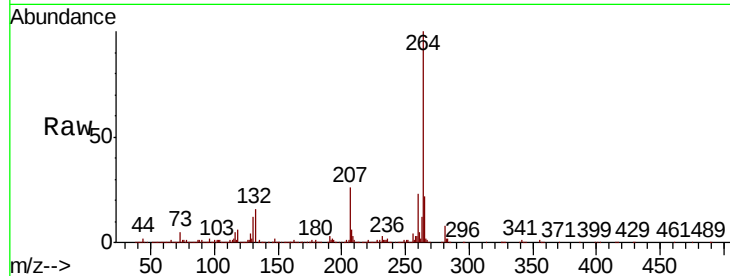


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1183860

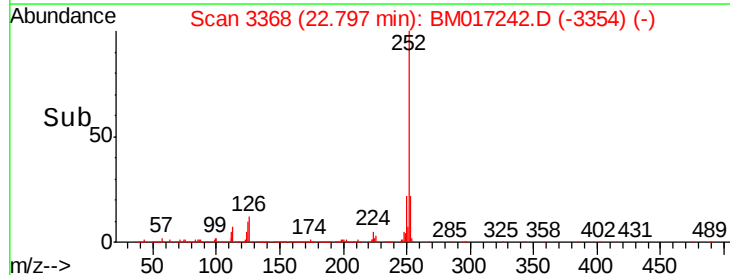
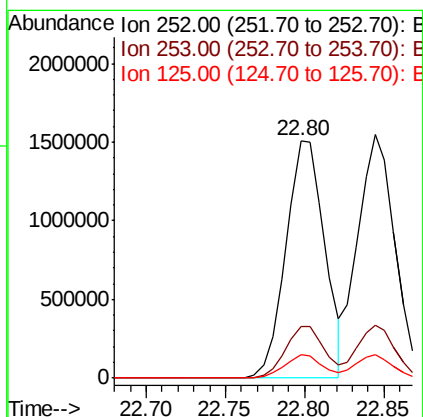
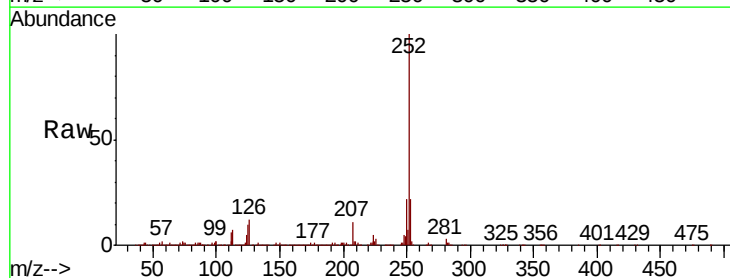
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.9	17.8	26.8

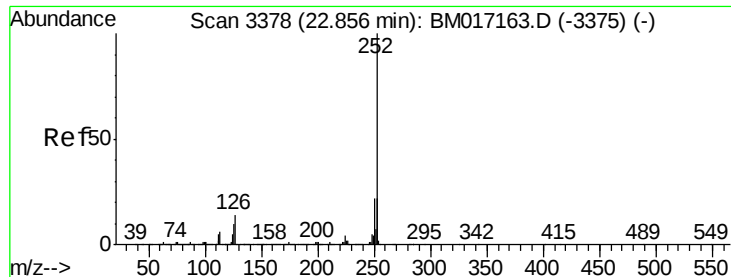


#88
Benzo(b)fluoranthene
Concen: 39.510 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM017242.D
Acq: 19 Oct 2018 22:29

Tgt Ion:252 Resp: 2557299

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.8	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 38.829 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Instrument :

BNA_M

ClientSampleId :

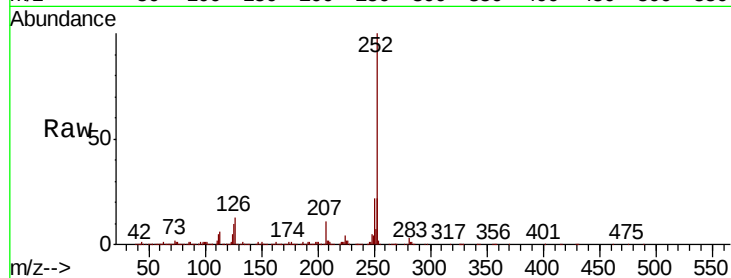
Tot Ion:252 Resp: 2521871

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.9 8.2 12.2

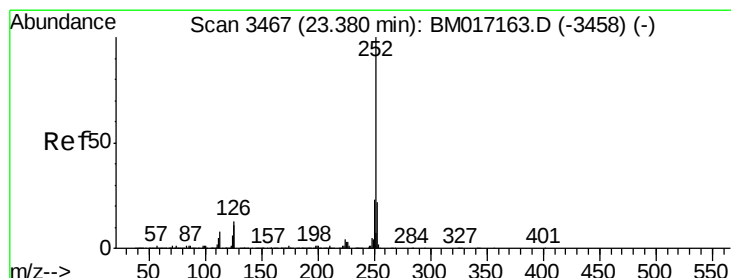
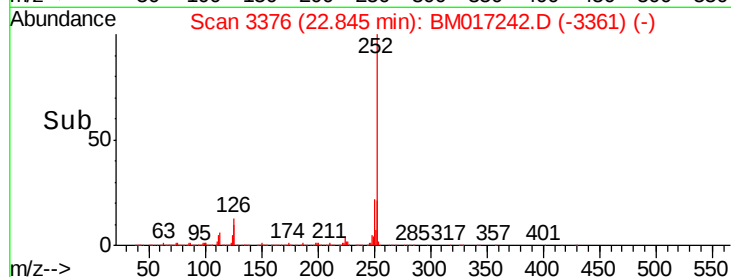
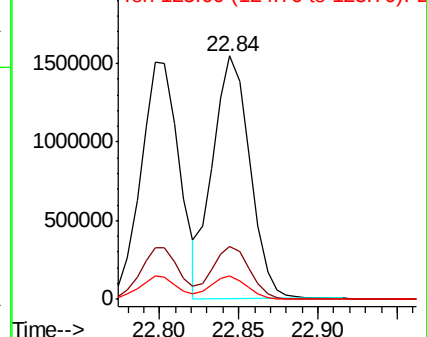


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.275 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

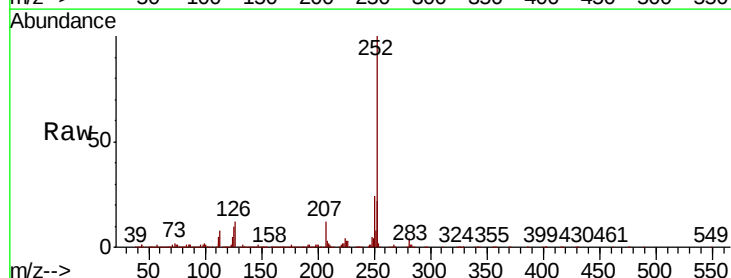
Tgt Ion:252 Resp: 2475096

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.2 8.6 13.0

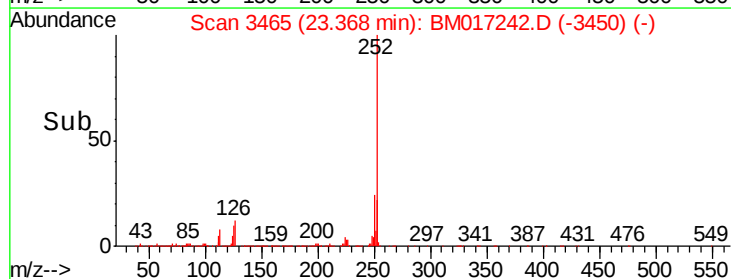
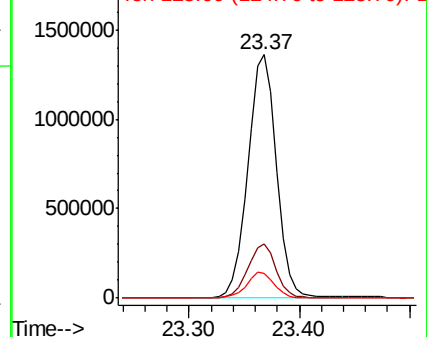


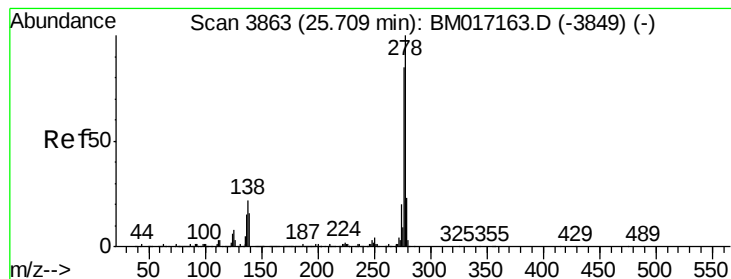
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.156 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

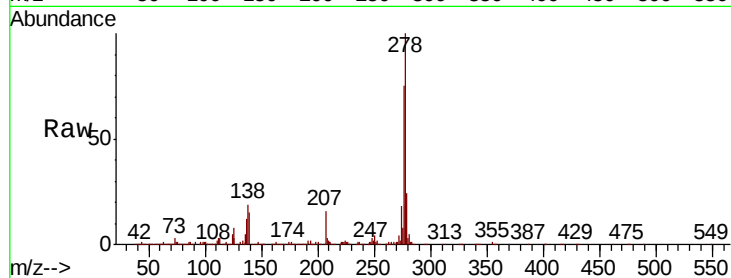
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2572477

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.7	19.1
279	23.9	18.7	28.1

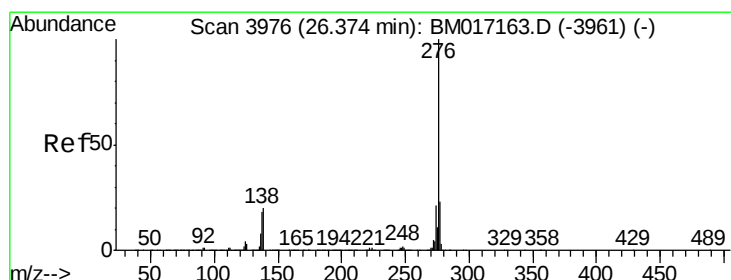
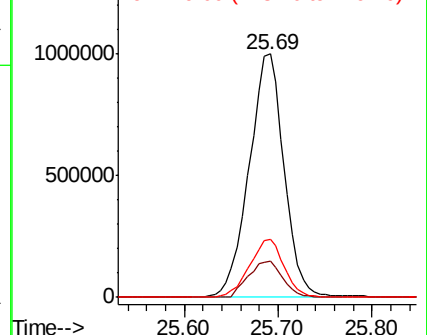
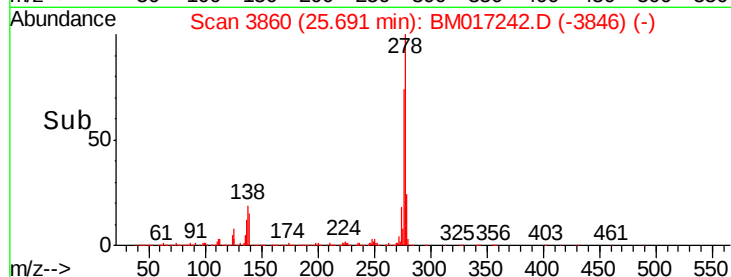


Abundance

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: 42.687 ng

RT: 26.35 min Scan# 3972

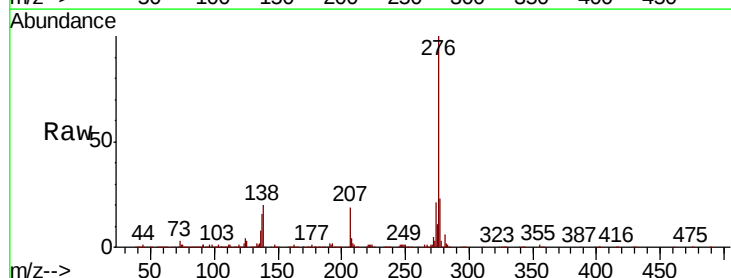
Delta R.T. -0.02 min

Lab File: BM017242.D

Acq: 19 Oct 2018 22:29

Tgt Ion:276 Resp: 2581783

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	19.8	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

