

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016246.D
 Acq On : 08 Aug 2018 12:47
 Operator : SJ/JU
 Sample : J4327-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

Quant Time: Aug 08 16:24:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	41995	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	155742	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	77314	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	155315	20.00	ng	0.00
75) Chrysene-d12	21.63	240	159226	20.00	ng	0.00
86) Perylene-d12	23.97	264	162455	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	238724	94.43	ng	0.00
7) Phenol-d6	7.30	99	287161	86.98	ng	0.00
23) Nitrobenzene-d5	9.32	82	214715	64.12	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	84973	86.65	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	388241	61.10	ng	0.00
78) Terphenyl-d14	20.09	244	500709	65.83	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	27887	23.543	ng	# 100
3) Pyridine	3.90	79	38757	13.582	ng	# 82
4) n-Nitrosodimethylamine	3.80	42	74583	33.511	ng	# 33
6) Aniline	7.46	93	77424	20.367	ng	# 88
8) 2-Chlorophenol	7.70	128	82883	27.585	ng	96
9) Benzaldehyde	7.28	77	42959	18.520	ng	91
10) Phenol	7.33	94	94419	28.600	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	70837	27.161	ng	87
12) 1,3-Dichlorobenzene	8.02	146	93580	26.608	ng	# 87
13) 1,4-Dichlorobenzene	8.17	146	93510	26.216	ng	# 94
14) 1,2-Dichlorobenzene	8.49	146	92754	26.576	ng	# 92
15) Benzyl Alcohol	8.39	79	74407	28.304	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.65	45	101113	25.332	ng	98
17) 2-Methylphenol	8.59	107	64772	28.705	ng	# 84
18) Hexachloroethane	9.21	117	42677	27.679	ng	94
19) n-Nitroso-di-n-propylamine	8.95	70	62416	25.865	ng	# 71
20) 3+4-Methylphenols	8.92	107	84881	26.145	ng	84
22) Acetophenone	8.98	105	122866	31.331	ng	# 83
24) Nitrobenzene	9.37	77	101619	30.150	ng	97
25) Isophorone	9.88	82	158190	34.538	ng	# 92
26) 2-Nitrophenol	10.07	139	42622	30.293	ng	# 49
27) 2,4-Dimethylphenol	10.13	122	69530	35.470	ng	86
28) bis(2-Chloroethoxy)methane	10.36	93	87853	29.511	ng	98
29) 2,4-Dichlorophenol	10.61	162	72120	30.962	ng	93
30) 1,2,4-Trichlorobenzene	10.82	180	82147	29.026	ng	# 96
31) Naphthalene	11.00	128	242368	30.749	ng	99
32) Benzoic acid	10.26	122	23017	15.403	ng	# 79
33) 4-Chloroaniline	11.13	127	73757	22.930	ng	# 89
34) Hexachlorobutadiene	11.26	225	56873	28.970	ng	98
35) Caprolactam	11.93	113	17637	27.338	ng	93
36) 4-Chloro-3-methylphenol	12.24	107	75792	29.583	ng	# 82
37) 2-Methylnaphthalene	12.60	142	171693	32.517	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	83172	31.599	ng	# 100
40) Hexachlorocyclopentadiene	12.93	237	75300	60.365	ng	96

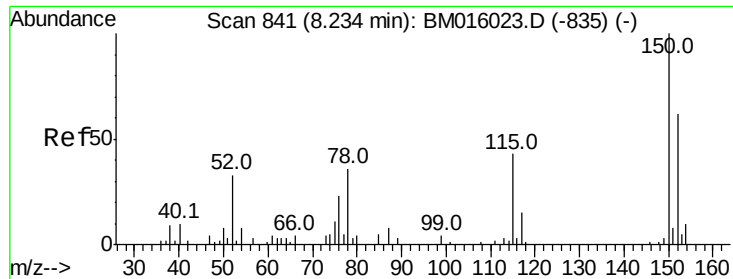
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016246.D
 Acq On : 08 Aug 2018 12:47
 Operator : SJ/JU
 Sample : J4327-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

Quant Time: Aug 08 16:24:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	53561	32.524	nq	97
43) 2,4,5-Trichlorophenol	13.29	196	54410	32.031	nq #	78
45) 1,1'-Biphenyl	13.60	154	208809	29.927	nq	99
46) 2-Chloronaphthalene	13.66	162	162386	29.923	nq #	89
47) 2-Nitroaniline	13.87	65	54094	30.150	nq #	79
48) Acenaphthylene	14.50	152	259084	32.612	nq	99
49) Dimethylphthalate	14.23	163	237155	35.050	nq	99
50) 2,6-Dinitrotoluene	14.37	165	40872	30.022	nq #	51
51) Acenaphthene	14.83	154	146397	29.962	nq	93
52) 3-Nitroaniline	14.70	138	36278	24.671	nq #	80
53) 2,4-Dinitrophenol	14.93	184	30021	53.546	nq #	66
54) Dibenzofuran	15.17	168	237725	29.525	nq #	79
55) 4-Nitrophenol	15.02	139	59542	56.485	nq #	89
56) 2,4-Dinitrotoluene	15.16	165	57082	29.324	nq #	73
57) Fluorene	15.82	166	184907	30.904	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	46148	31.607	nq #	100
59) Diethylphthalate	15.57	149	214923	29.470	nq	94
60) 4-Chlorophenyl-phenylether	15.80	204	92620	27.807	nq #	78
61) 4-Nitroaniline	15.86	138	37726	26.741	nq #	1
62) Azobenzene	16.09	77	237223	30.886	nq #	73
64) 4,6-Dinitro-2-methylphenol	15.93	198	28396	30.121	nq	86
65) n-Nitrosodiphenylamine	16.02	169	155637	30.432	nq	95
66) 4-Bromophenyl-phenylether	16.69	248	52916	30.088	nq #	69
67) Hexachlorobenzene	16.81	284	56419	29.131	nq #	61
68) Atrazine	16.96	200	56765	30.969	nq	98
69) Pentachlorophenol	17.16	266	57944	48.315	nq	98
70) Phenanthrene	17.55	178	267805	30.798	nq	97
71) Anthracene	17.64	178	270465	32.004	nq	97
72) Carbazole	17.92	167	247310	28.248	nq #	95
73) Di-n-butylphthalate	18.44	149	343554	31.491	nq #	97
74) Fluoranthene	19.54	202	298623	30.787	nq	98
76) Benzidine	19.73	184	38413	8.633	nq	98
77) Pyrene	19.90	202	305249	31.990	nq	99
79) Butylbenzylphthalate	20.76	149	159280	32.859	nq #	80
80) Benzo(a)anthracene	21.62	228	314844	32.104	nq	98
81) 3,3'-Dichlorobenzidine	21.55	252	93235	23.603	nq	98
82) Chrysene	21.67	228	293870	31.238	nq	99
83) Bis(2-ethylhexyl)phthalate	21.51	149	230710	32.841	nq	94
84) Di-n-octyl phthalate	22.41	149	392490	33.242	nq #	88
85) Indeno(1,2,3-cd)pyrene	26.36	276	370416	33.182	nq #	96
87) Benzo(b)fluoranthene	23.27	252	319131	33.365	nq #	95
88) Benzo(k)fluoranthene	23.31	252	294760	30.408	nq #	97
89) Benzo(a)pyrene	23.87	252	301023	32.737	nq	99
90) Dibenzo(a,h)anthracene	26.36	278	311428	32.689	nq #	95
91) Benzo(g,h,i)perylene	27.10	276	297058	32.968	nq #	93

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

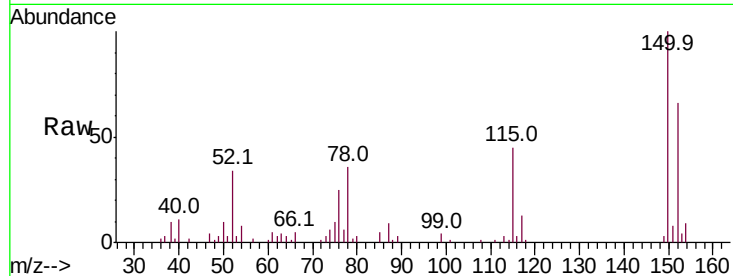


#1

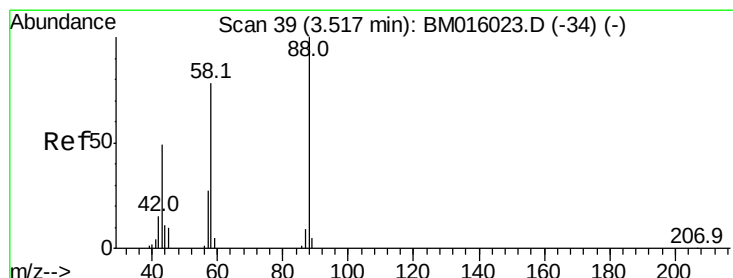
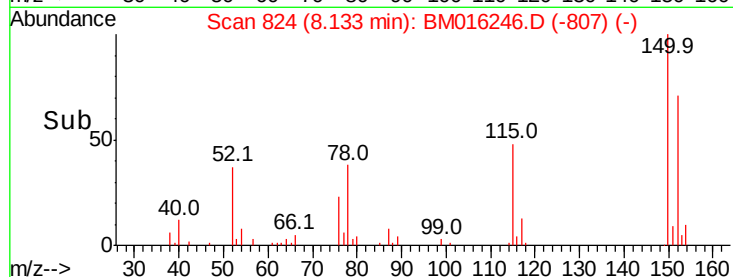
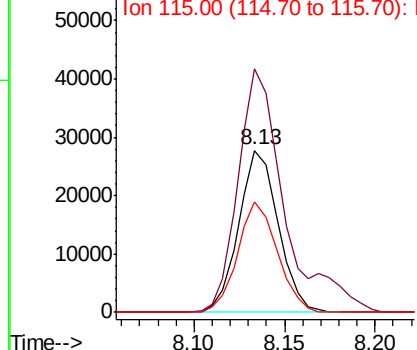
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

Tot Ion:152 Resp: 41995
Ion Ratio Lower Upper
152 100
150 150.6 119.5 179.3
115 68.1 43.0 64.4#



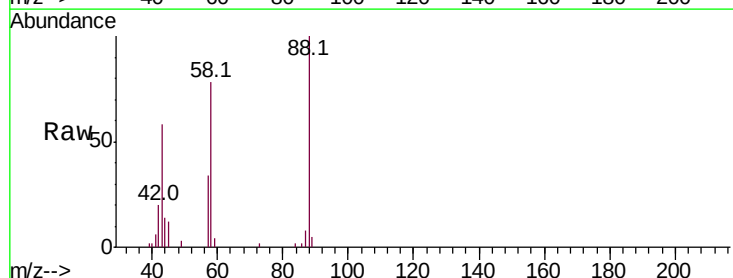
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



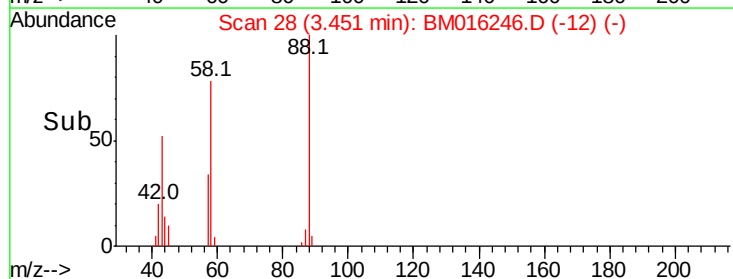
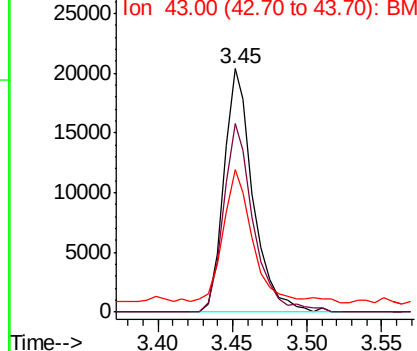
#2

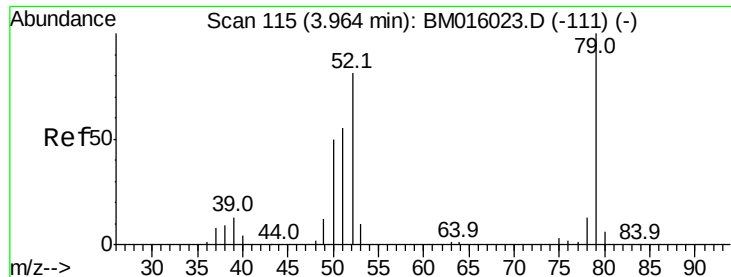
1,4-Dioxane
Concen: 23.543 ng
RT: 3.45 min Scan# 28
Delta R.T. -0.01 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion: 88 Resp: 27887
Ion Ratio Lower Upper
88 100
58 80.1 0.0 0.0#
43 54.0 0.0 0.0#



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: 13.582 ng

RT: 3.90 min Scan# 104

Delta R.T. 0.01 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

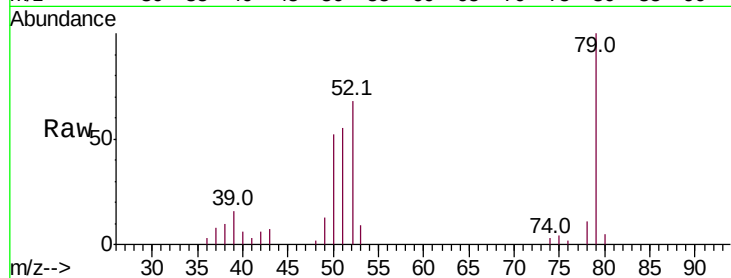
Tot Ion: 79 Resp: 38757

Ion Ratio Lower Upper

79 100

52 68.5 51.1 76.7

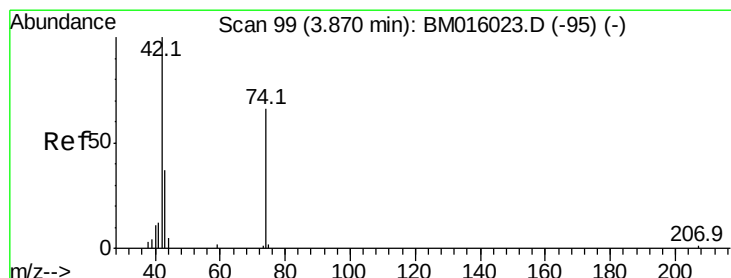
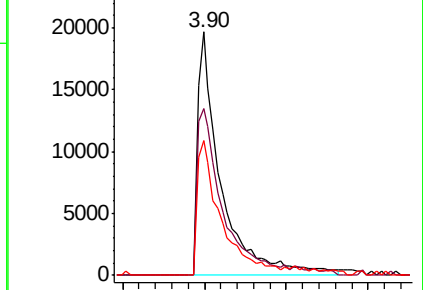
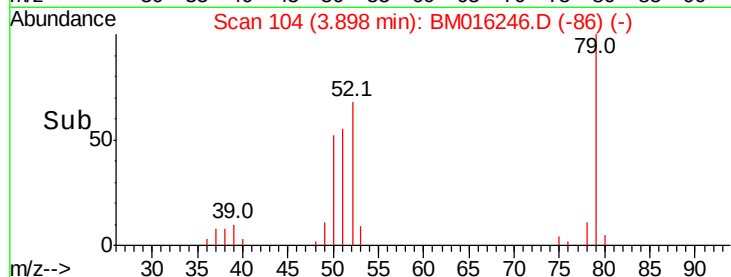
51 55.4 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-111) (-)

Ion 52.00 (51.70 to 52.70): BM016023.D (-111) (-)

Ion 51.00 (50.70 to 51.70): BM016023.D (-111) (-)



#4

n-Nitrosodimethylamine

Concen: 33.511 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

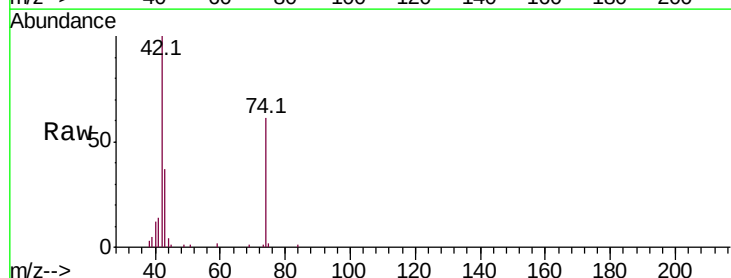
Tgt Ion: 42 Resp: 74583

Ion Ratio Lower Upper

42 100

74 60.6 119.3 178.9#

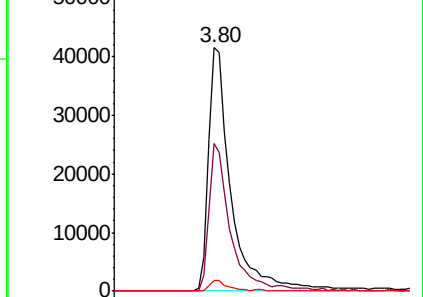
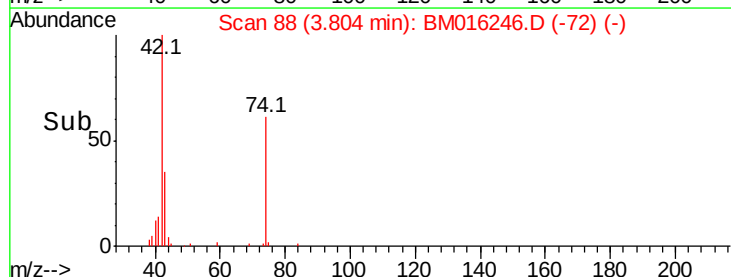
44 4.2 5.4 8.2#

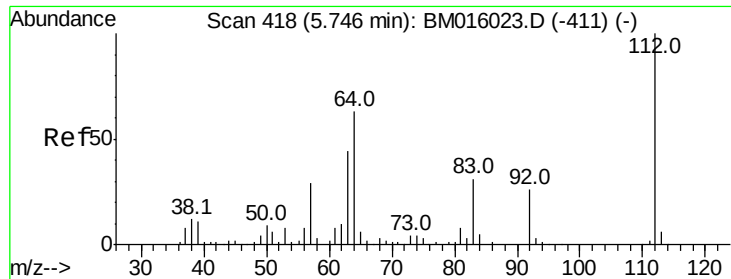


Abundance Ion 42.00 (41.70 to 42.70): BM016023.D (-95) (-)

Ion 74.00 (73.70 to 74.70): BM016023.D (-95) (-)

Ion 44.00 (43.70 to 44.70): BM016023.D (-95) (-)





#5

2-Fluorophenol

Concen: 33.511 ng

RT: 5.66 min Scan# 404

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

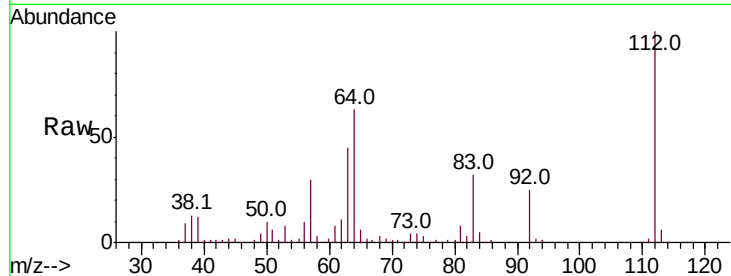
Tot Ion:112 Resp: 238724

Ion Ratio Lower Upper

112 100

64 62.8 38.6 57.8#

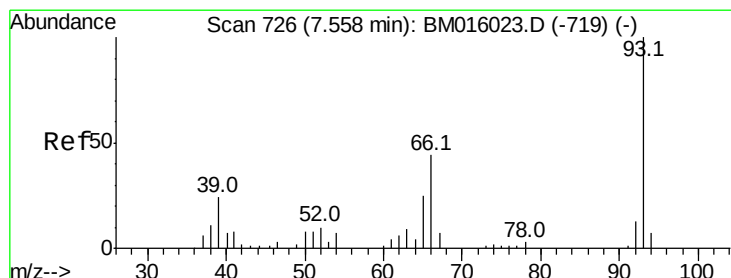
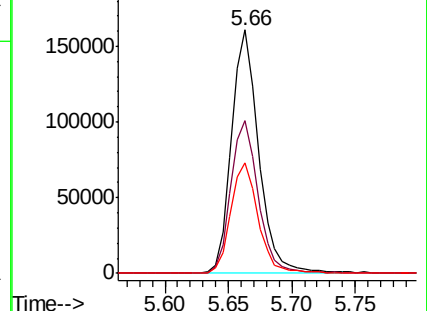
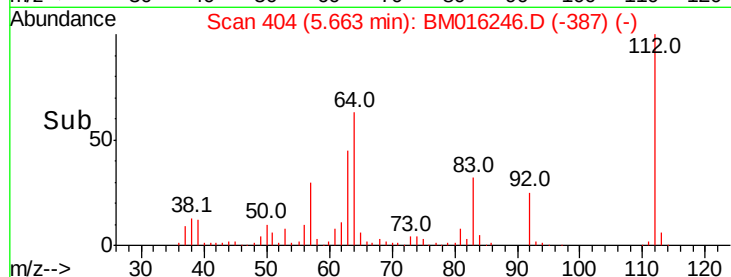
63 45.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 20.367 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

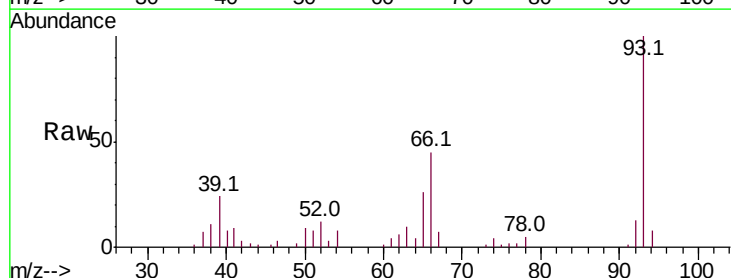
Tgt Ion: 93 Resp: 77424

Ion Ratio Lower Upper

93 100

66 44.8 30.8 46.2

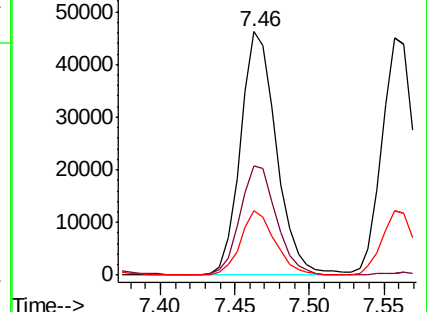
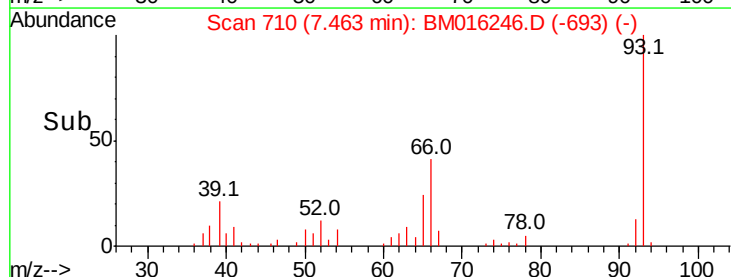
65 26.3 16.0 24.0#

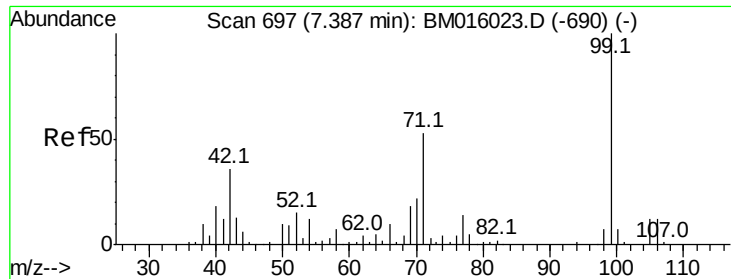


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 20.367 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

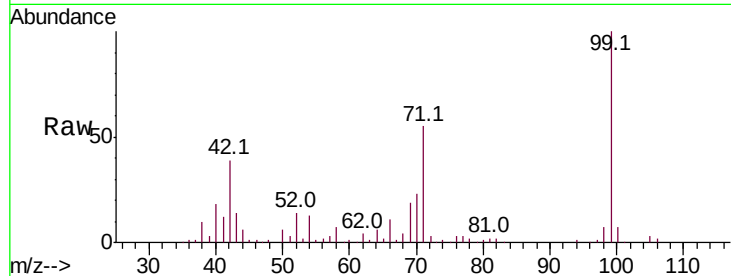
Tot Ion: 99 Resp: 287161

Ion Ratio Lower Upper

99 100

42 38.6 11.0 16.4#

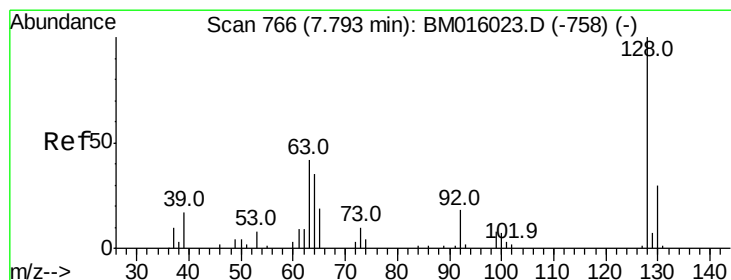
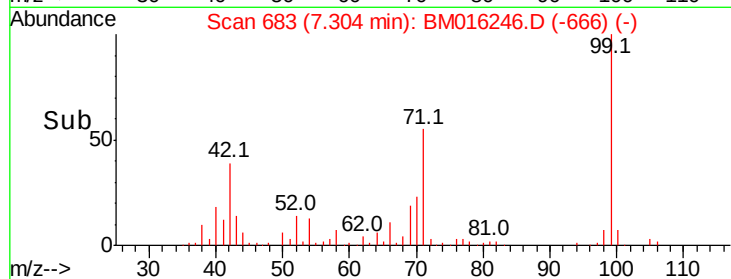
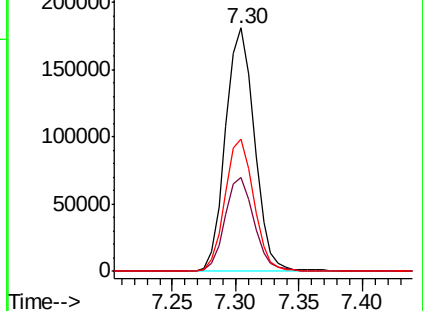
71 54.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#8

2-Chlorophenol

Concen: 27.585 ng

RT: 7.70 min Scan# 750

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

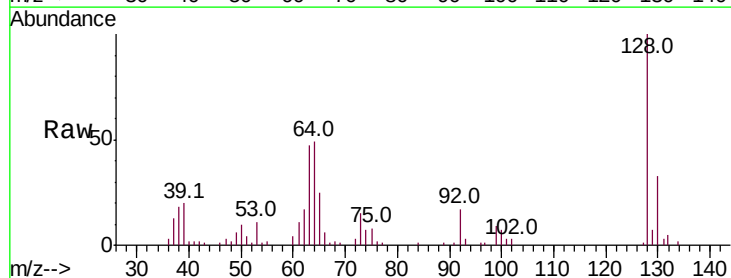
Tgt Ion: 128 Resp: 82883

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

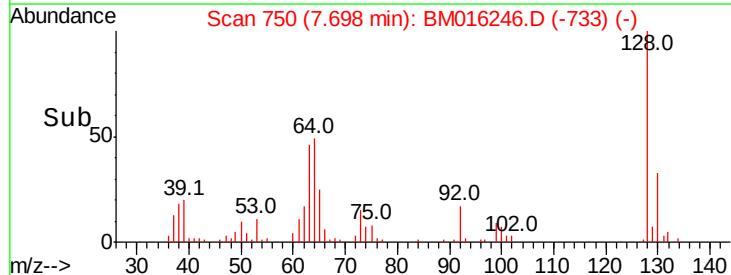
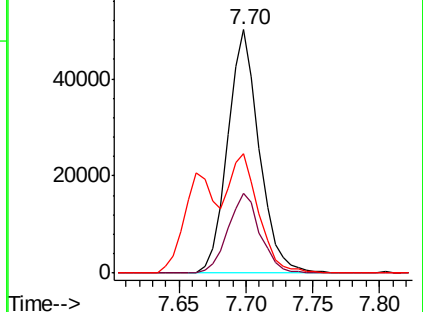
64 49.0 24.9 64.9

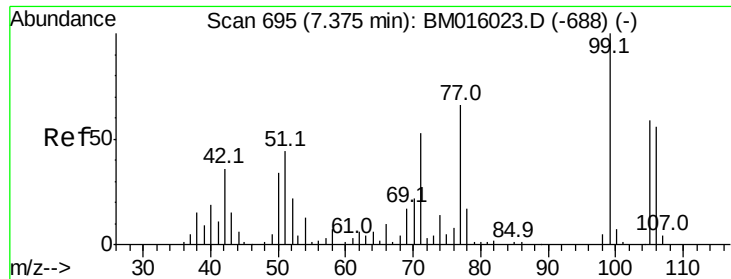


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-758) (-)

Ion 64.00 (63.70 to 64.70): BM016023.D (-758) (-)





#9

Benzaldehyde

Concen: 18.520 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

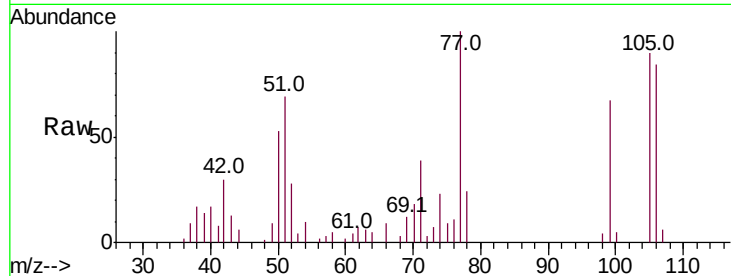
Tot Ion: 77 Resp: 42959

Ion Ratio Lower Upper

77 100

105 90.1 78.8 118.8

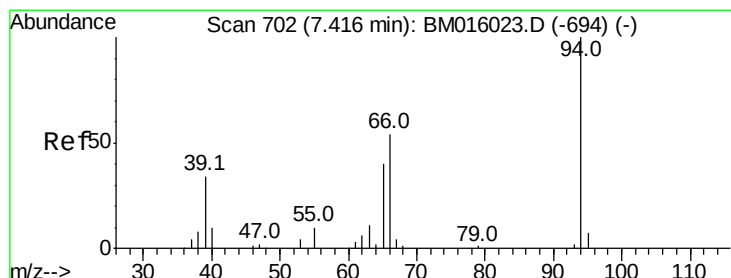
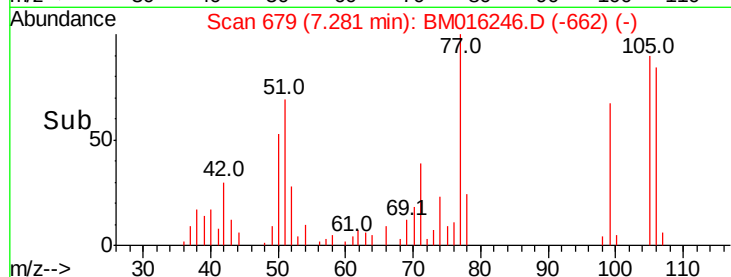
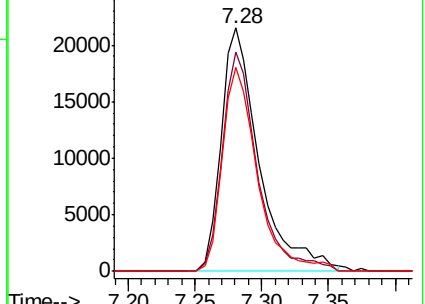
106 84.0 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016246.D (-679) (-)

Ion 105.00 (104.70 to 105.70): BM016246.D (-679) (-)

Ion 106.00 (105.70 to 106.70): BM016246.D (-679) (-)



#10

Phenol

Concen: 28.600 ng

RT: 7.33 min Scan# 688

Delta R.T. 0.01 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

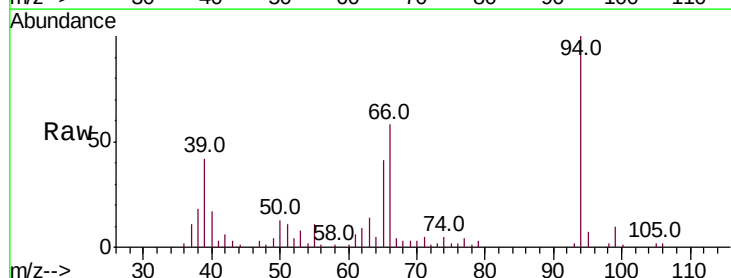
Tgt Ion: 94 Resp: 94419

Ion Ratio Lower Upper

94 100

65 40.5 18.8 58.8

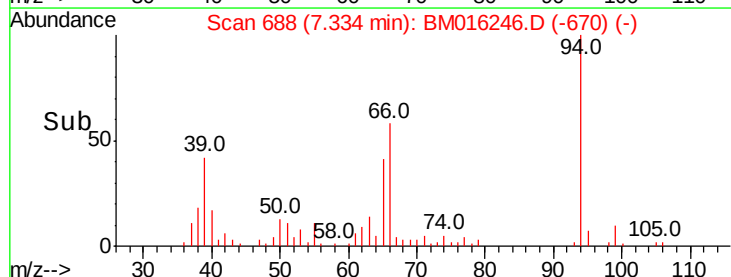
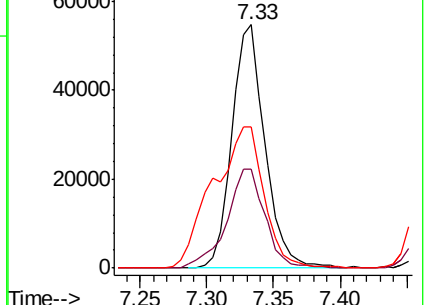
66 58.1 39.9 79.9

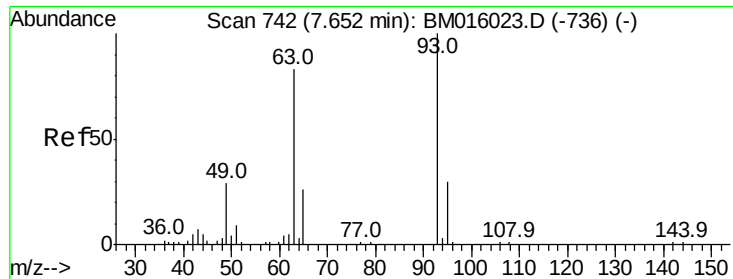


Abundance Ion 94.00 (93.70 to 94.70): BM016246.D (-688) (-)

Ion 65.00 (64.70 to 65.70): BM016246.D (-688) (-)

Ion 66.00 (65.70 to 66.70): BM016246.D (-688) (-)





#11

bis(2-Chloroethyl)ether

Concen: 27.161 ng

RT: 7.56 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

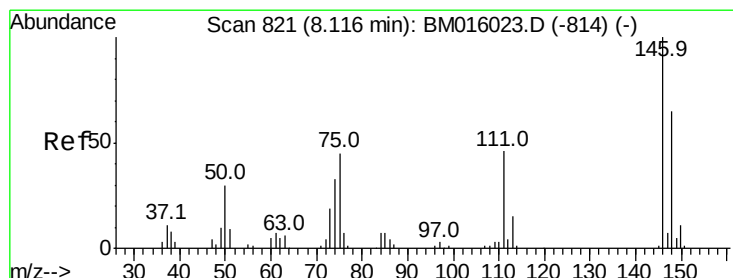
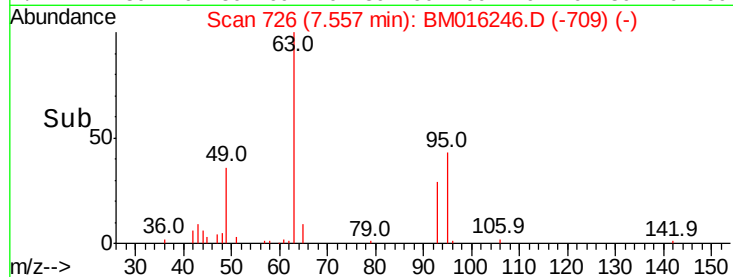
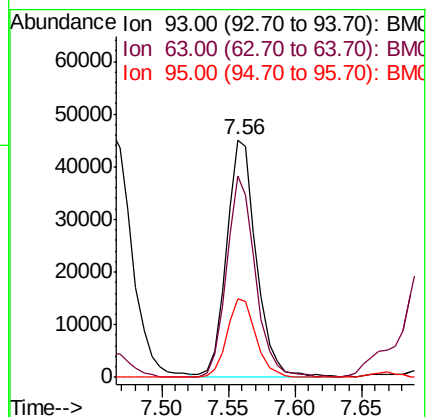
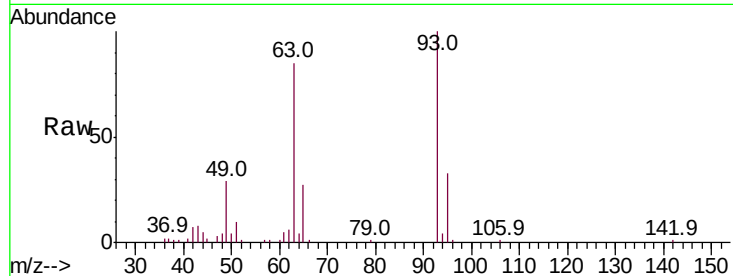
Tot Ion: 93 Resp: 70837

Ion Ratio Lower Upper

93 100

63 84.8 49.5 89.5

95 32.9 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 26.608 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

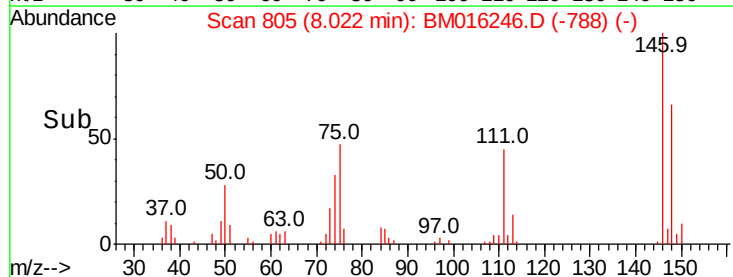
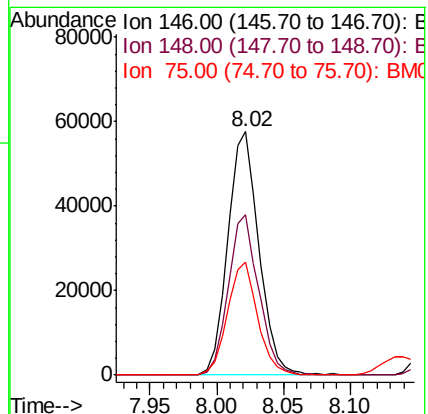
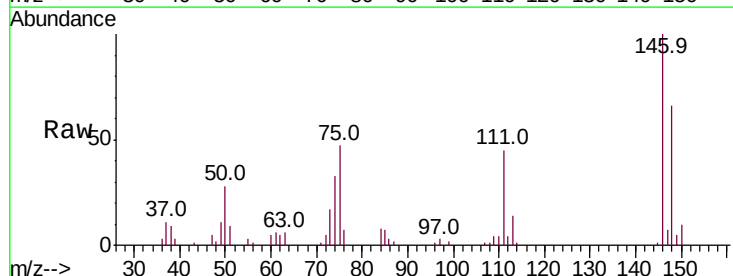
Tgt Ion: 146 Resp: 93580

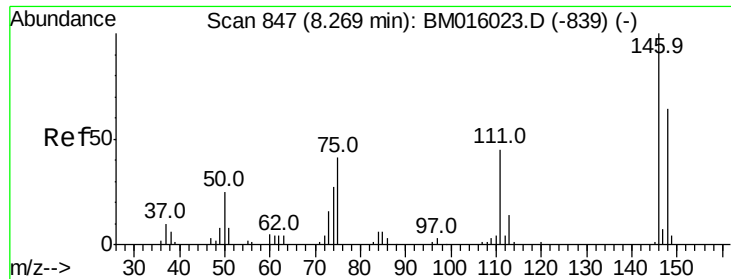
Ion Ratio Lower Upper

146 100

148 66.0 50.9 76.3

75 46.6 21.4 32.2#

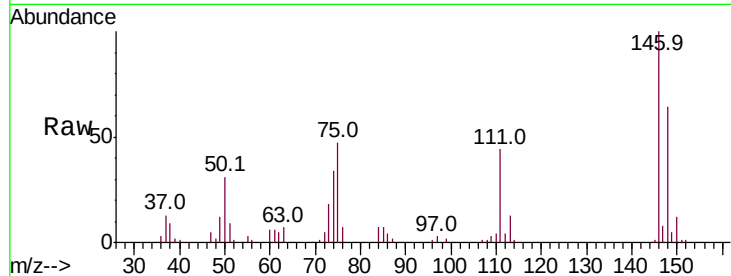




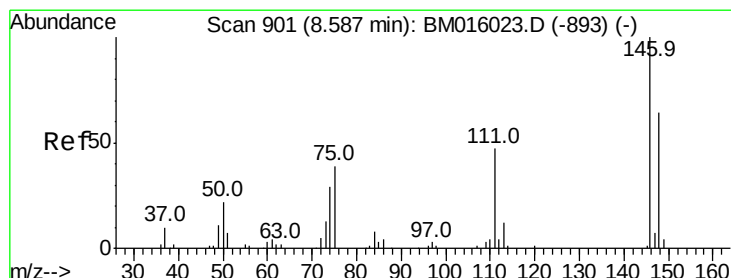
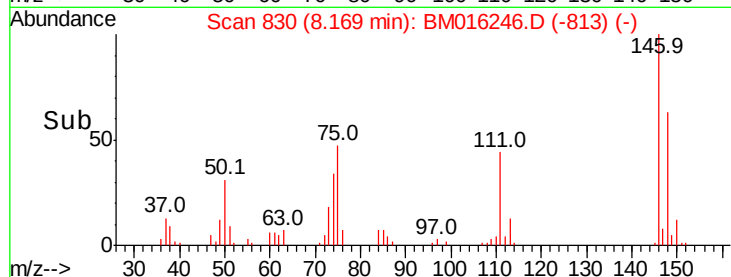
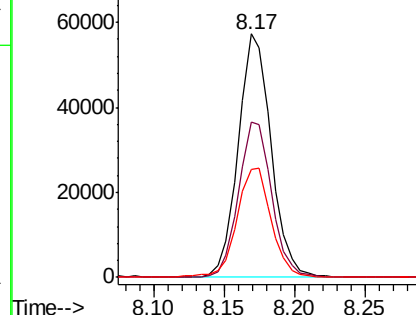
#13
 1,4-Dichlorobenzene
 Concen: 26.216 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

Tot Ion:146 Resp: 93510
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 111 44.3 29.2 43.8#

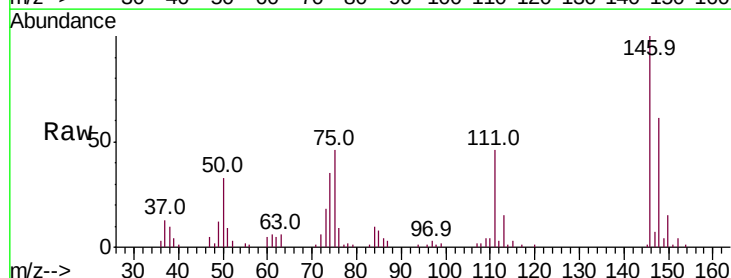


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

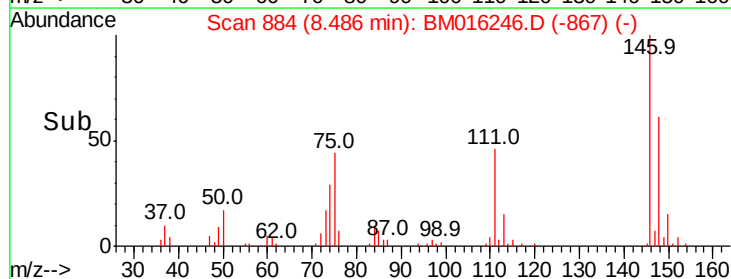
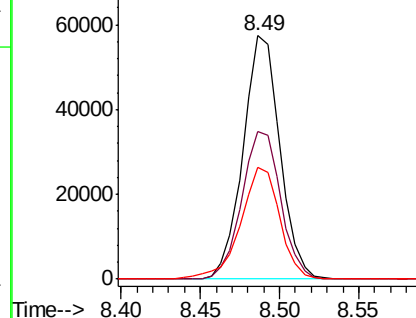


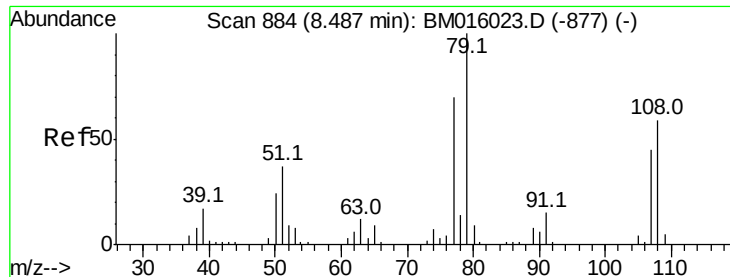
#14
 1,2-Dichlorobenzene
 Concen: 26.576 ng
 RT: 8.49 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion:146 Resp: 92754
 Ion Ratio Lower Upper
 146 100
 148 60.7 52.3 78.5
 111 45.9 30.6 45.8#



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: 28.304 ng

RT: 8.39 min Scan# 868

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

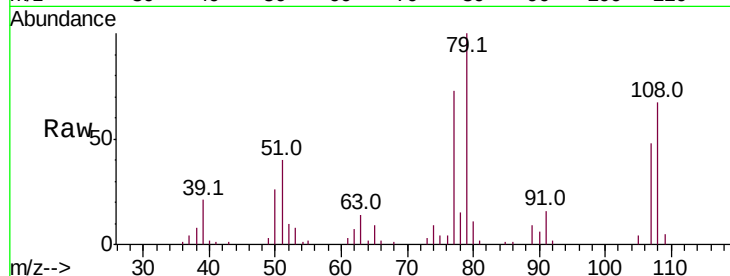
Tot Ion: 79 Resp: 74407

Ion Ratio Lower Upper

79 100

108 67.0 65.0 97.4

77 72.6 53.0 79.6

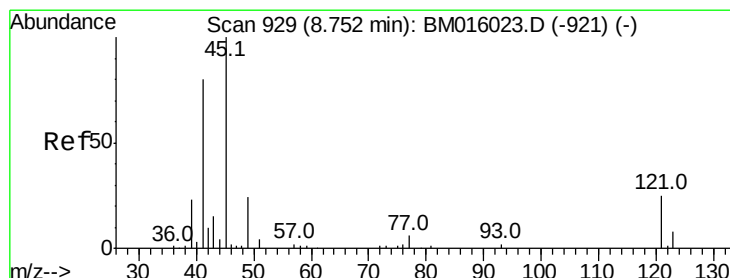
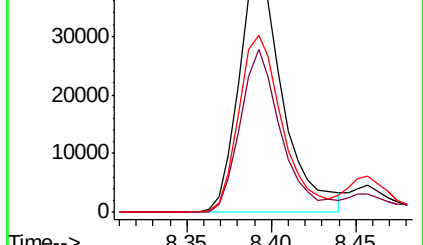
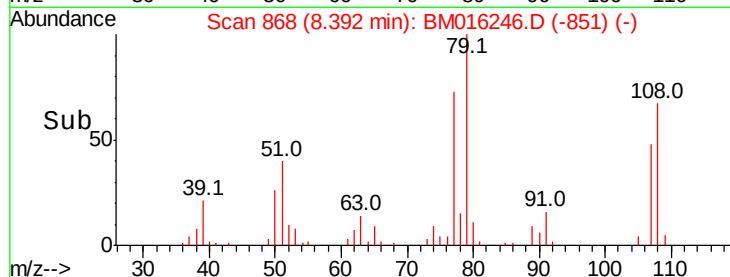


Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-877) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-877) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.332 ng

RT: 8.65 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

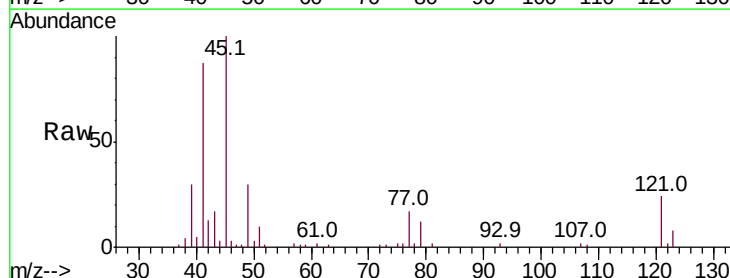
Tgt Ion: 45 Resp: 101113

Ion Ratio Lower Upper

45 100

77 16.7 0.0 35.2

79 12.0 0.0 32.0

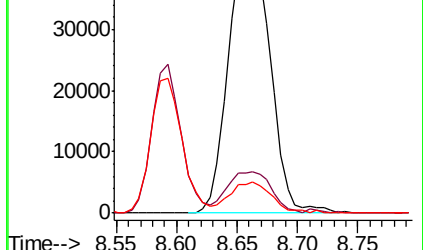
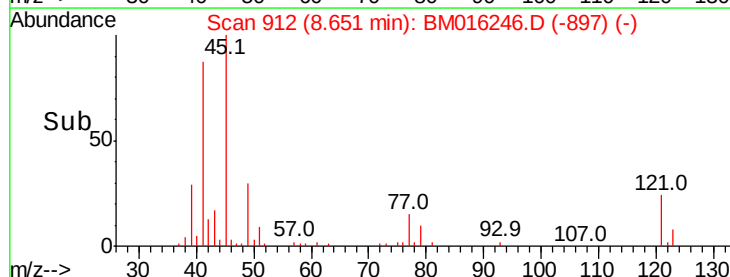


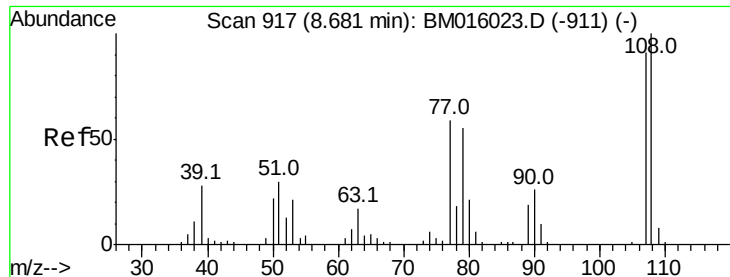
Abundance Ion 45.00 (44.70 to 45.70): BM016023.D (-921) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-921) (-)

Ion 79.00 (78.70 to 79.70): BM016023.D (-921) (-)

Time-->





#17

2-Methylphenol

Concen: 28.705 ng

RT: 8.59 min Scan# 902

Delta R.T. 0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

Tot Ion:107 Resp: 64772

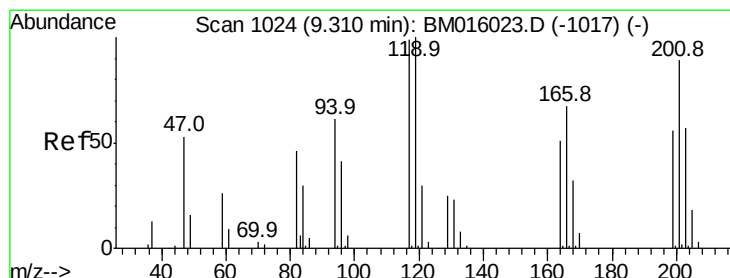
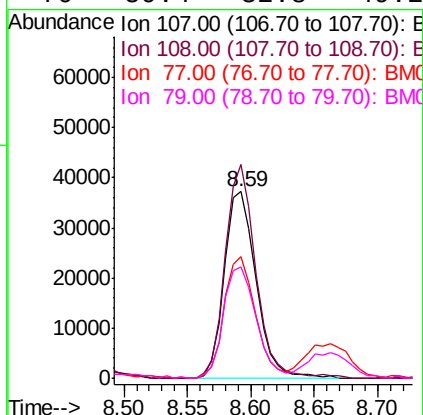
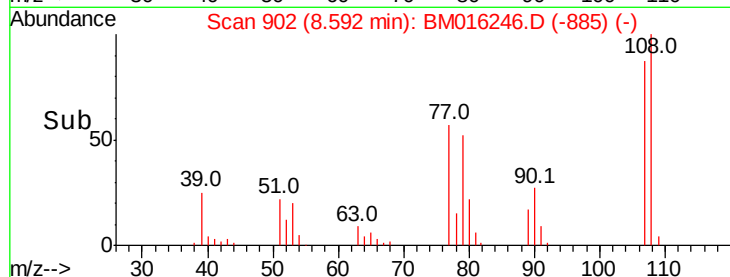
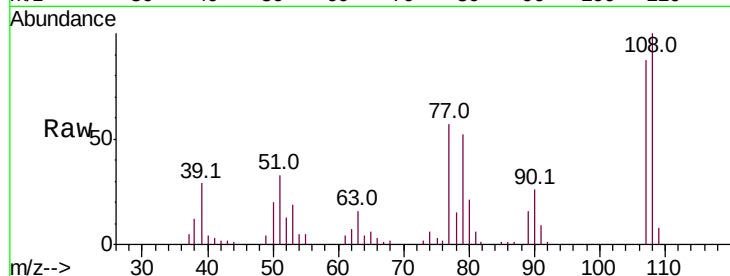
Ion Ratio Lower Upper

107 100

108 114.4 89.8 134.8

77 65.0 32.6 48.8#

79 59.4 32.8 49.2#



#18

Hexachloroethane

Concen: 27.679 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

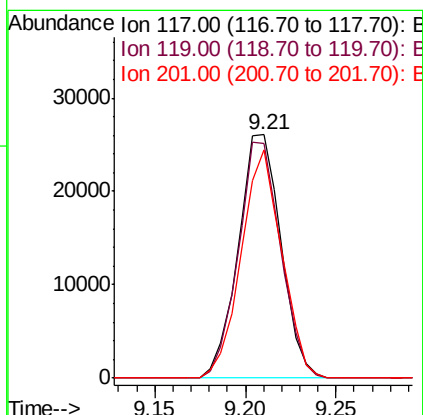
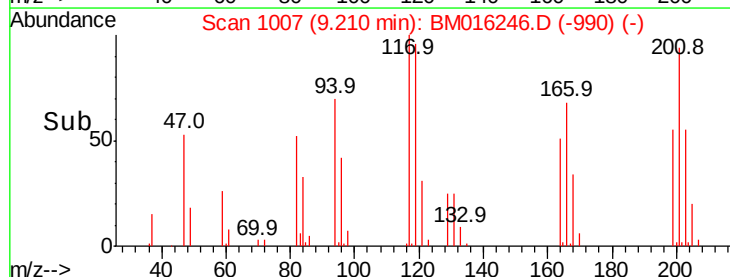
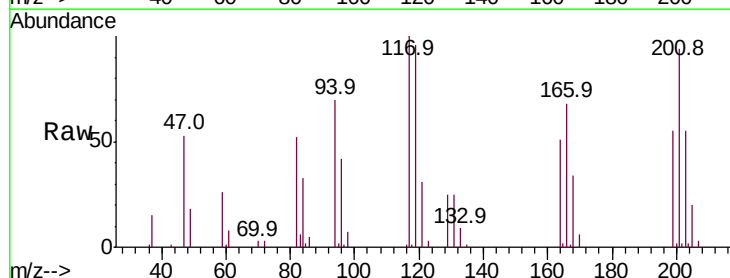
Tgt Ion:117 Resp: 42677

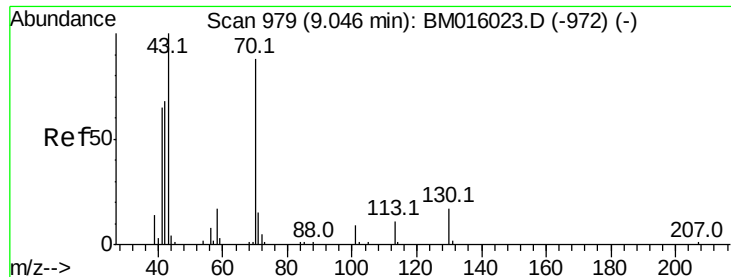
Ion Ratio Lower Upper

117 100

119 96.2 79.2 118.8

201 95.7 69.8 104.6

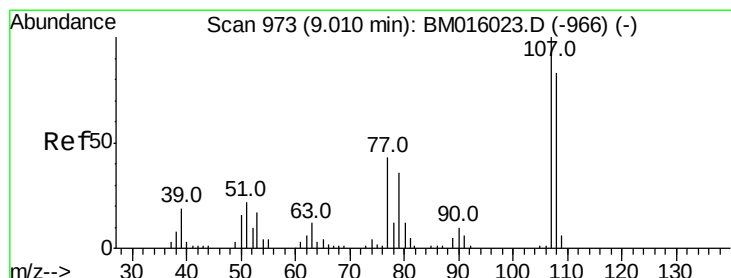
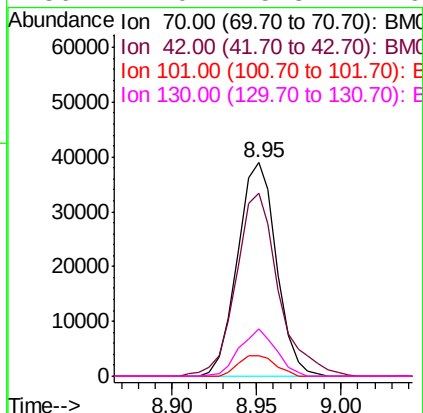
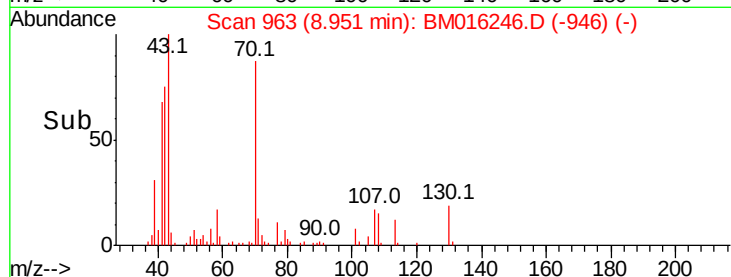
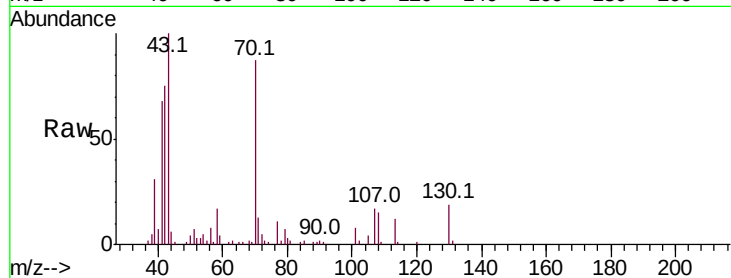




#19
n-Nitroso-di-n-propylamine
Concen: 25.865 ng
RT: 8.95 min Scan# 963
Delta R.T. 0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

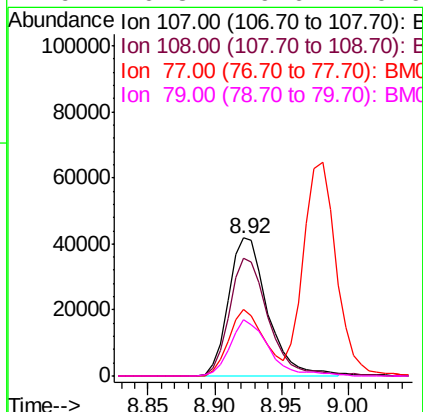
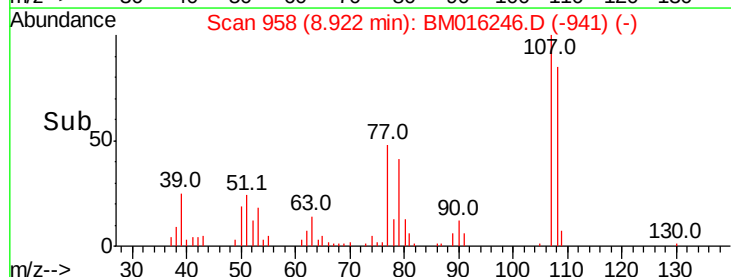
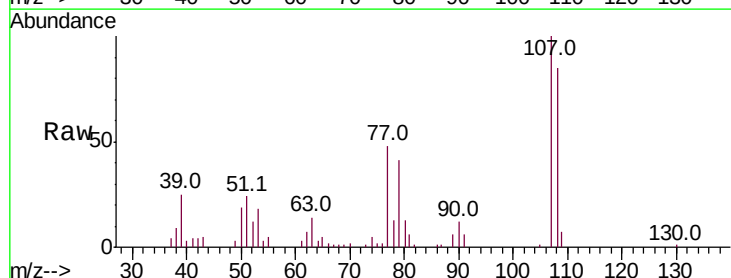
Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

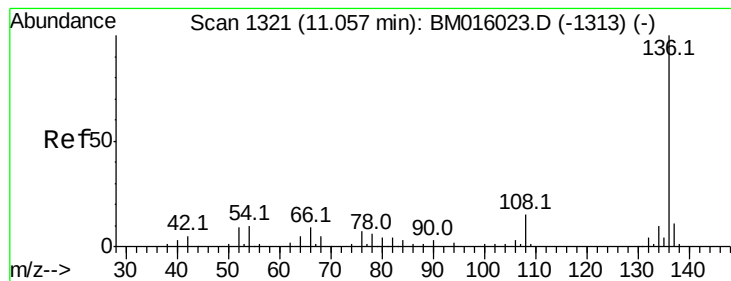
Tot Ion: 70 Resp: 62416
Ion Ratio Lower Upper
70 100
42 85.5 44.5 66.7#
101 9.5 7.4 11.2
130 22.0 15.3 22.9



#20
3+4-Methylphenols
Concen: 26.145 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion: 107 Resp: 84881
Ion Ratio Lower Upper
107 100
108 84.9 73.2 113.2
77 48.1 10.7 50.7
79 40.8 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

Tot Ion:136 Resp: 155742

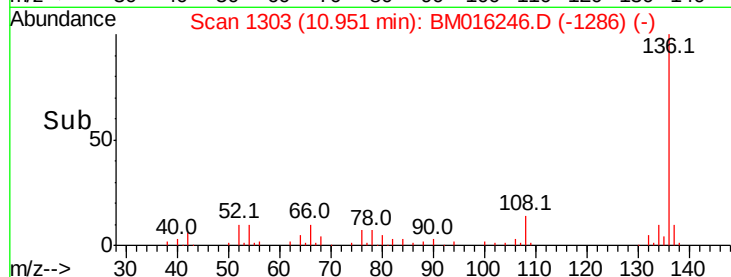
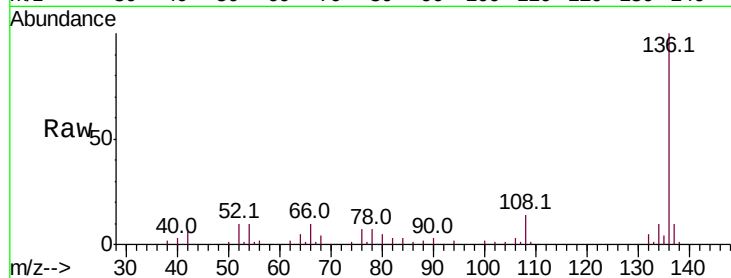
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 10.5 4.6 6.8#

68 4.4 3.7 5.5

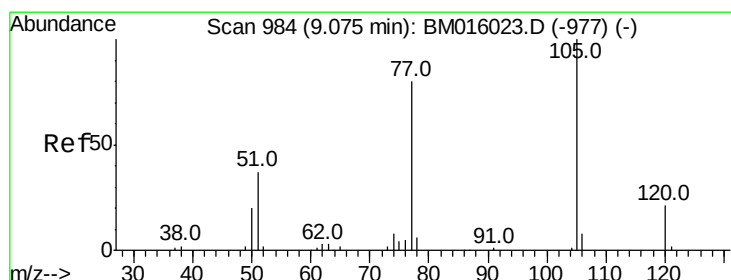
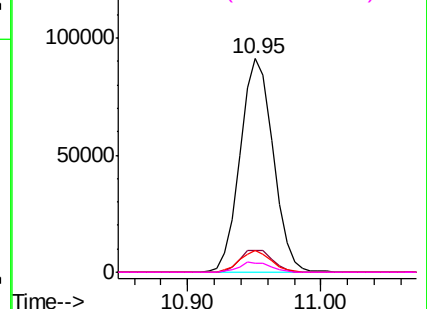


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.331 ng

RT: 8.98 min Scan# 968

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Tgt Ion:105 Resp: 122866

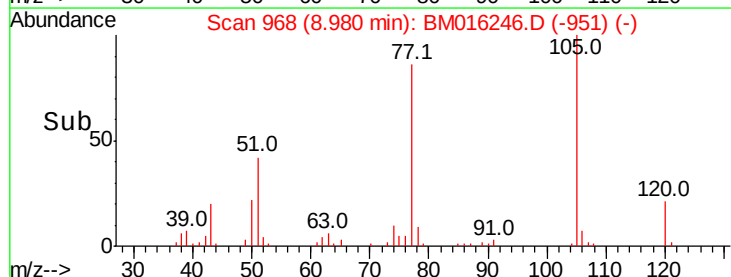
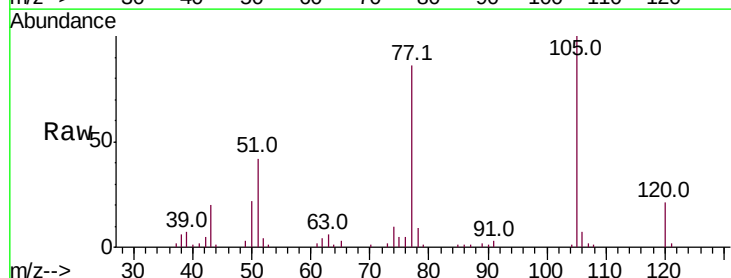
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 41.5 21.6 32.4#

120 20.9 16.1 24.1

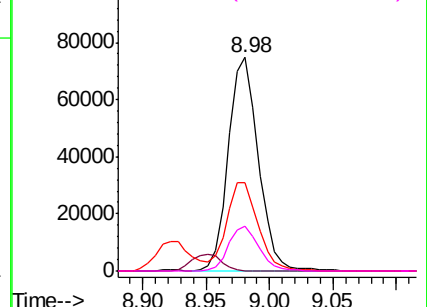


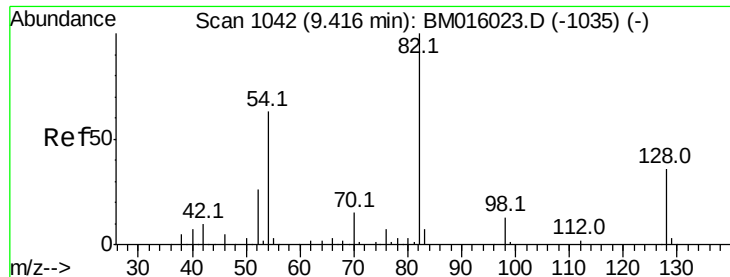
Abundance Ion 105.00 (104.70 to 105.70): E

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

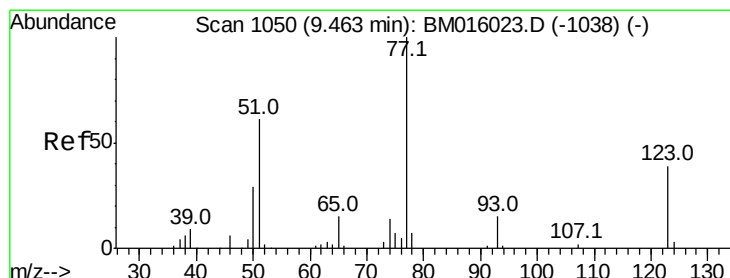
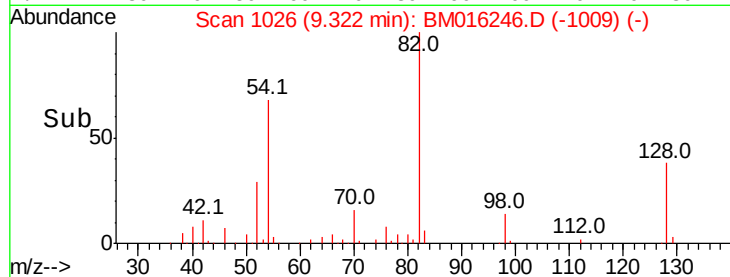
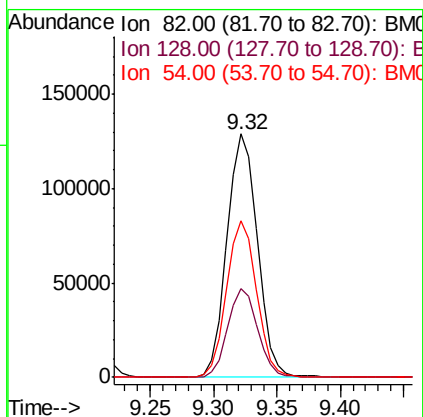
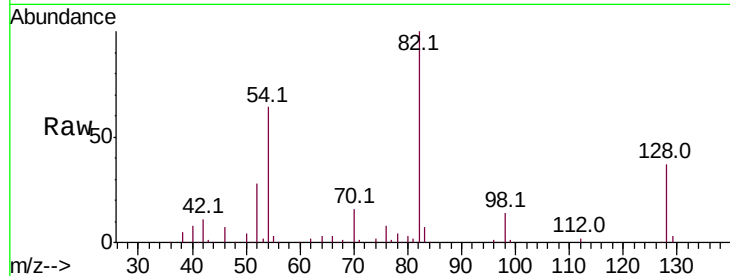




#23
 Nitrobenzene-d5
 Concen: 31.331 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

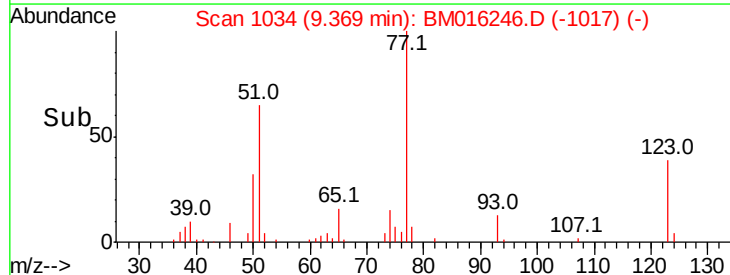
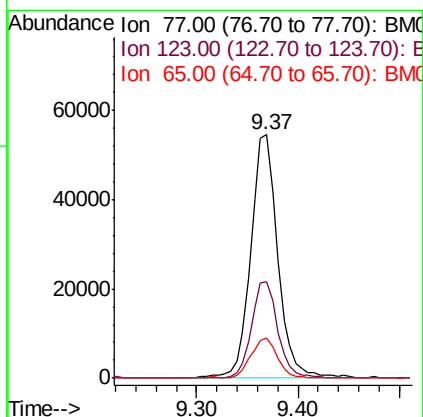
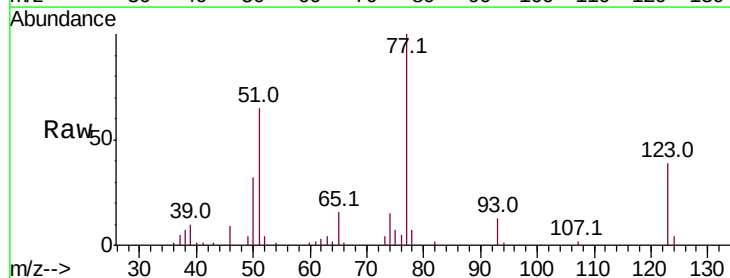
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

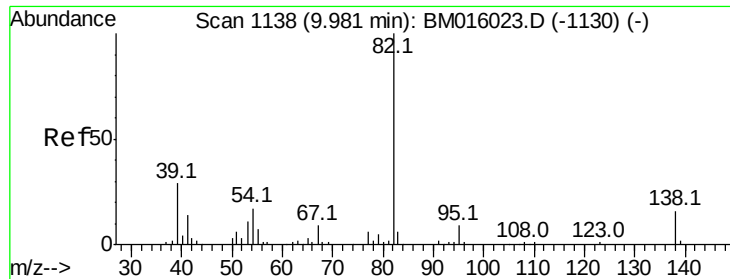
Tot Ion: 82 Resp: 214715
 Ion Ratio Lower Upper
 82 100
 128 36.5 32.8 49.2
 54 64.4 40.6 60.8#



#24
 Nitrobenzene
 Concen: 30.150 ng
 RT: 9.37 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion: 77 Resp: 101619
 Ion Ratio Lower Upper
 77 100
 123 39.4 32.6 49.0
 65 16.3 10.9 16.3





#25

Isophorone

Concen: 34.538 ng

RT: 9.88 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

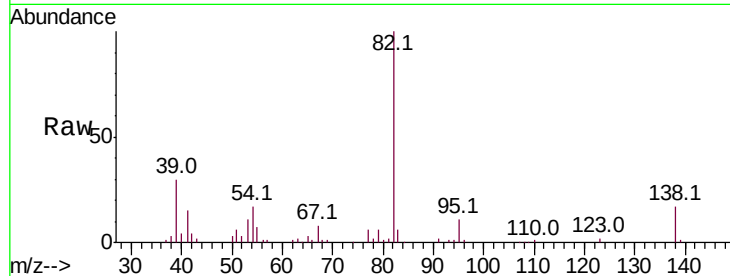
Tot Ion: 82 Resp: 158190

Ion Ratio Lower Upper

82 100

95 11.0 5.8 8.6#

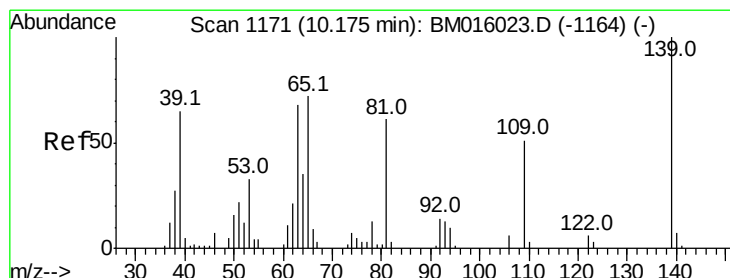
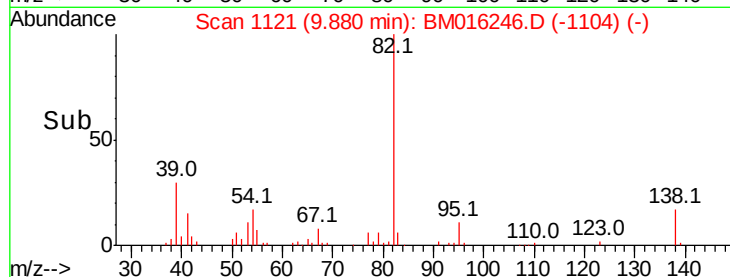
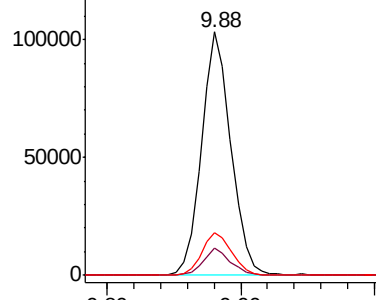
138 17.4 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016023.D (-1130) (-)

Ion 95.00 (94.70 to 95.70): BM016023.D (-1130) (-)

Ion 138.00 (137.70 to 138.70): BM016023.D (-1130) (-)



#26

2-Nitrophenol

Concen: 30.293 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

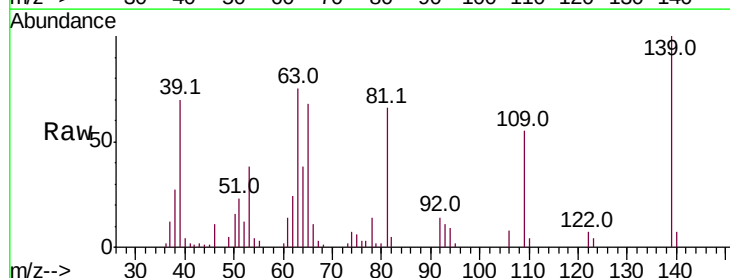
Tgt Ion:139 Resp: 42622

Ion Ratio Lower Upper

139 100

109 54.9 20.1 30.1#

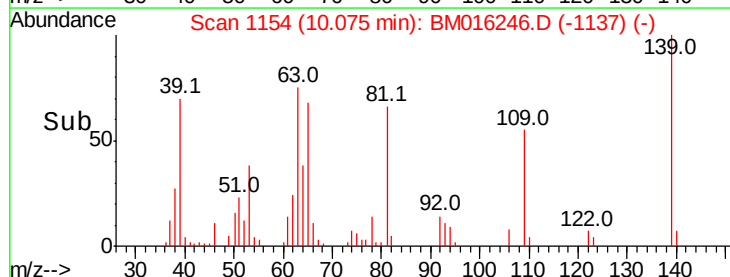
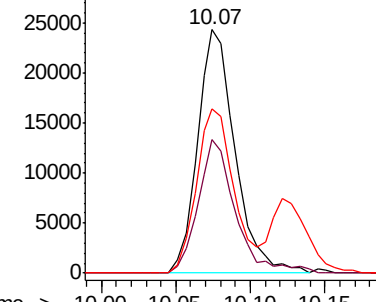
65 67.7 31.5 47.3#

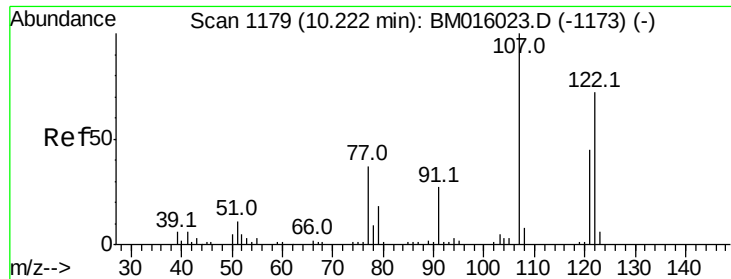


Abundance Ion 139.00 (138.70 to 139.70): BM016023.D (-1164) (-)

Ion 109.00 (108.70 to 109.70): BM016023.D (-1164) (-)

Ion 65.00 (64.70 to 65.70): BM016023.D (-1164) (-)

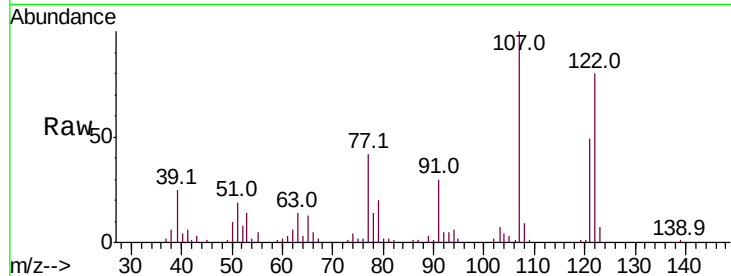




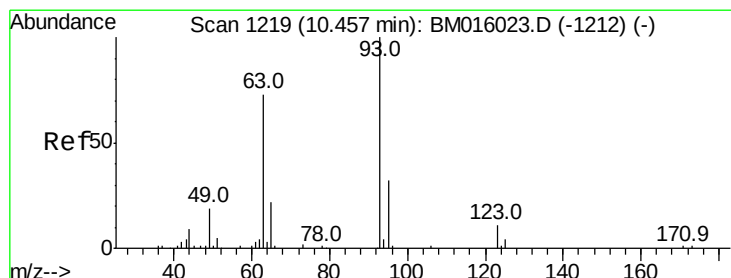
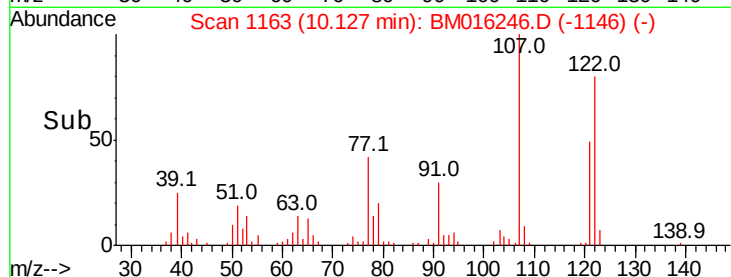
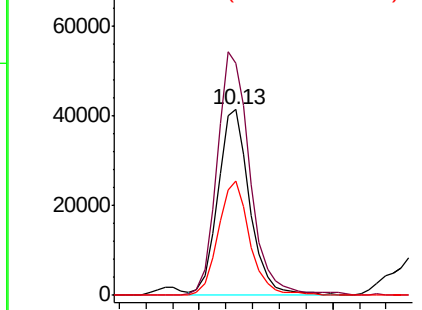
#27
 2,4-Dimethylphenol
 Concen: 35.470 ng
 RT: 10.13 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

Tot Ion:122 Resp: 69530
 Ion Ratio Lower Upper
 122 100
 107 125.2 84.7 127.1
 121 61.4 46.6 69.8

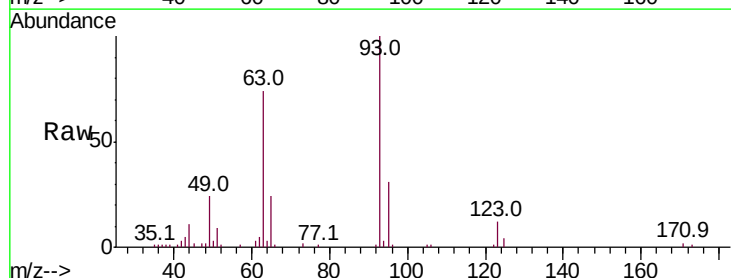


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

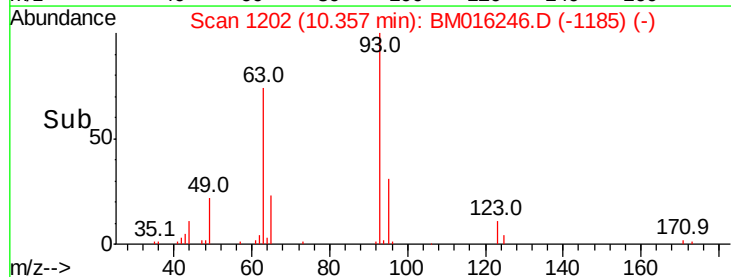
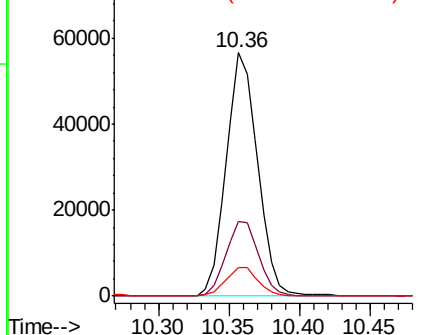


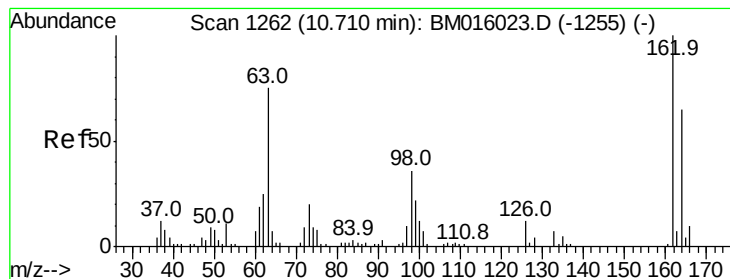
#28
 bis(2-Chloroethoxy)methane
 Concen: 29.511 ng
 RT: 10.36 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion: 93 Resp: 87853
 Ion Ratio Lower Upper
 93 100
 95 30.8 25.5 38.3
 123 11.9 8.6 13.0



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: 30.962 ng

RT: 10.61 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

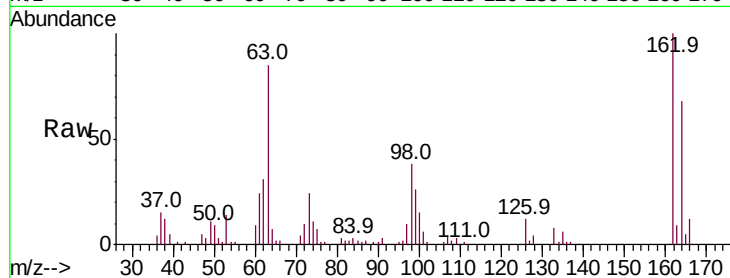
Tot Ion:162 Resp: 72120

Ion Ratio Lower Upper

162 100

164 68.2 42.8 82.8

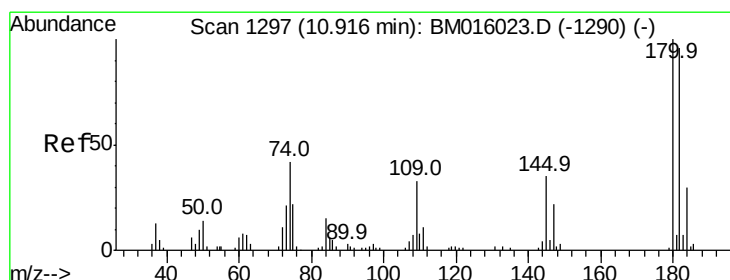
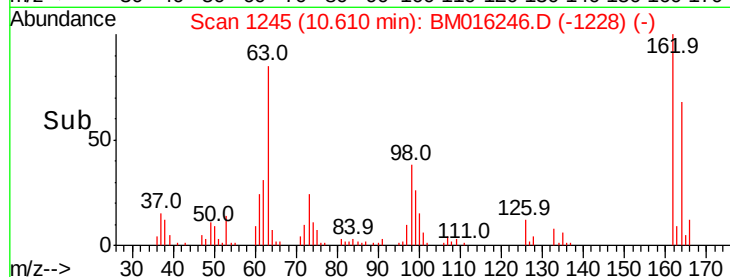
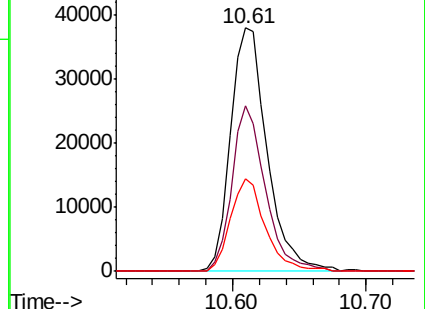
98 38.1 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 29.026 ng

RT: 10.82 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

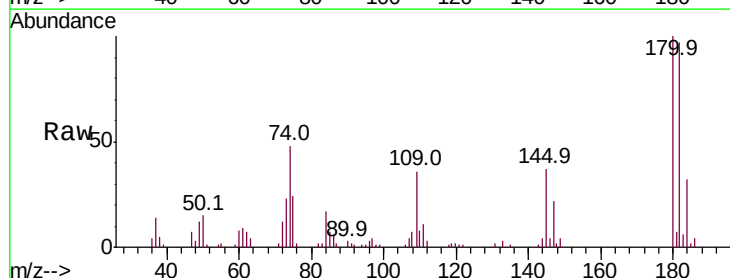
Tgt Ion:180 Resp: 82147

Ion Ratio Lower Upper

180 100

182 97.1 77.6 116.4

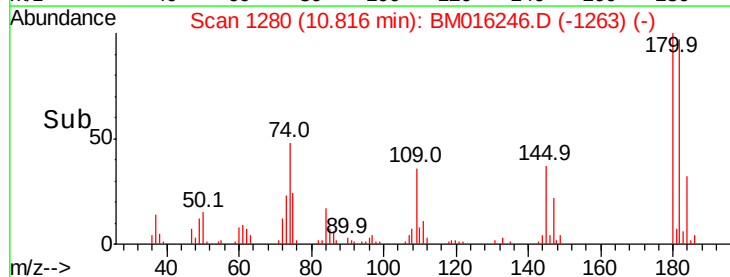
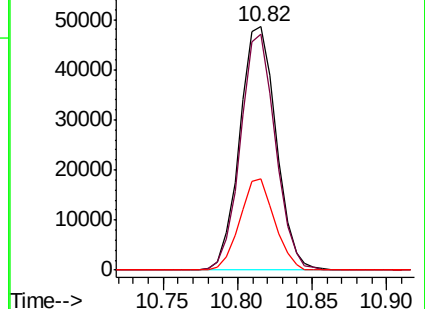
145 37.3 23.4 35.2#

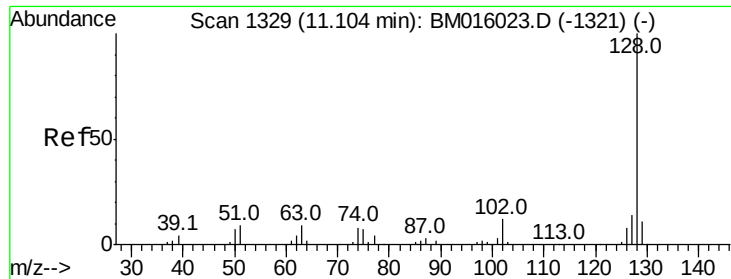


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

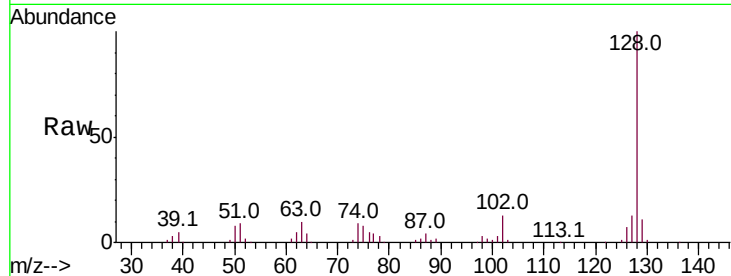




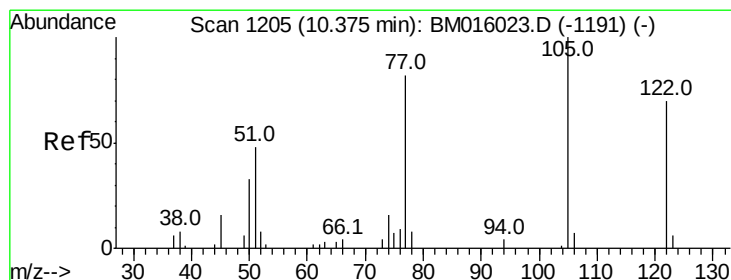
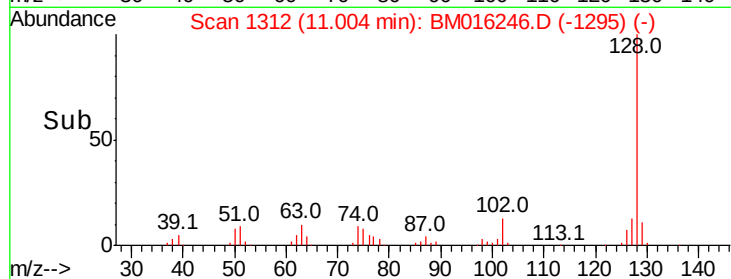
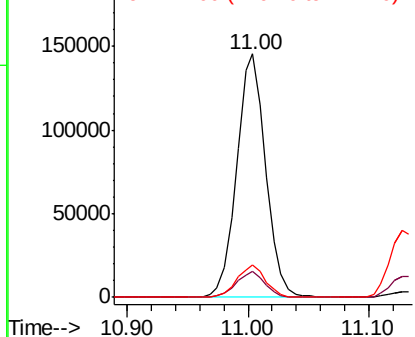
#31
Naphthalene
Concen: 30.749 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

Tot Ion:128 Resp: 242368
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.4 10.4 15.6

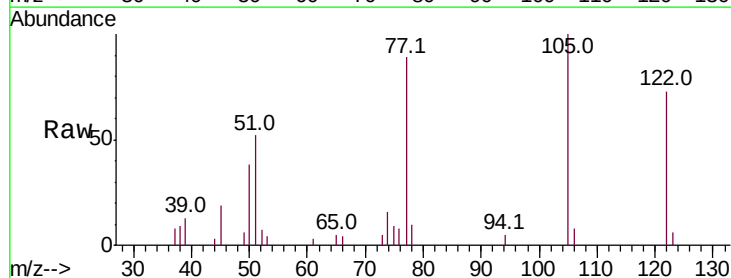


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

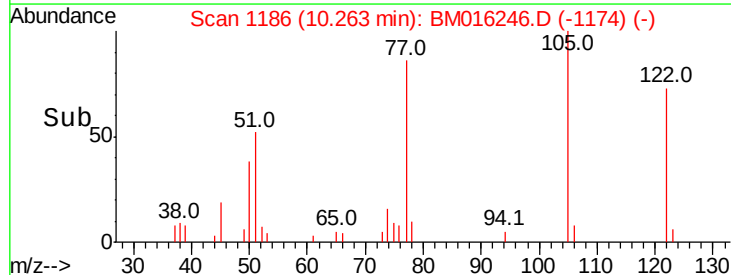
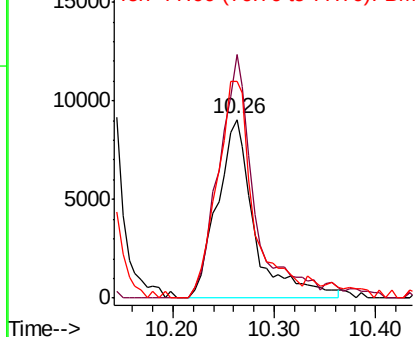


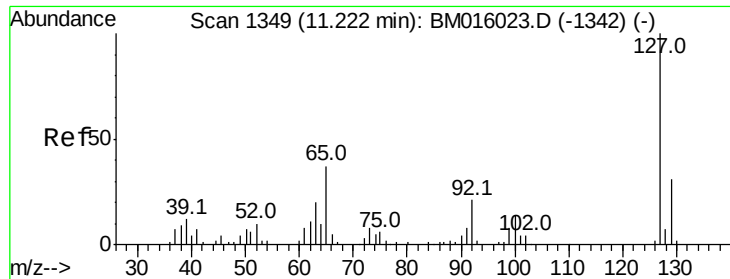
#32
Benzoic acid
Concen: 15.403 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.03 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion:122 Resp: 23017
Ion Ratio Lower Upper
122 100
105 136.1 99.9 139.9
77 121.2 73.7 113.7#



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

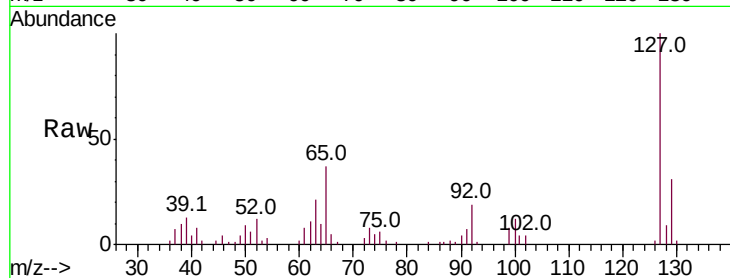




#33
4-Chloroaniline
Concen: 22.930 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

Tot Ion:	127	Resp:	73757
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.3	37.9
65	36.7	17.6	26.4
92	19.0	13.1	19.7



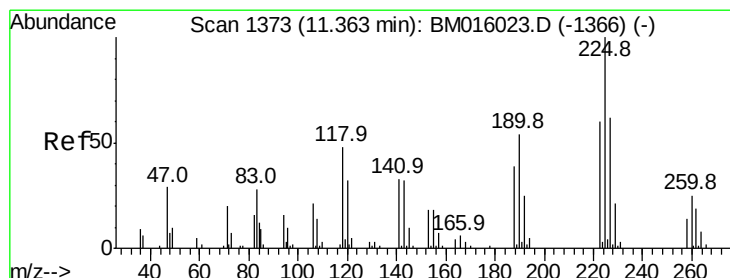
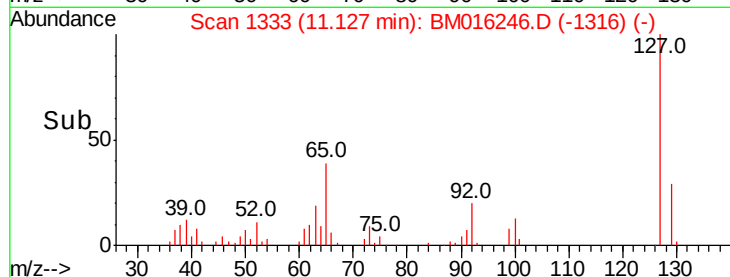
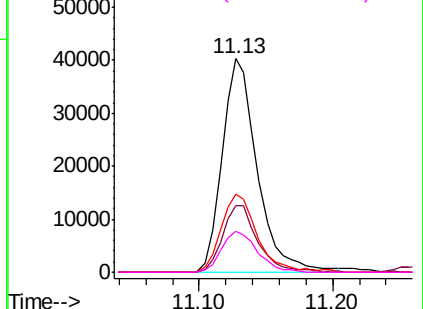
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

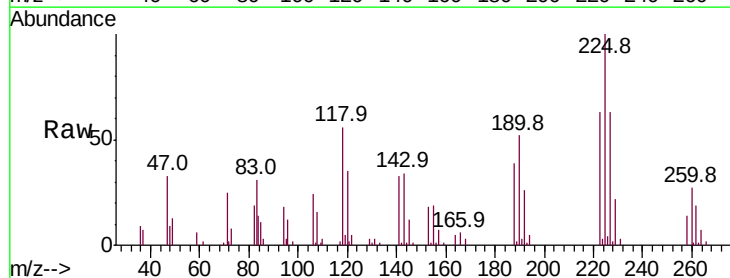
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 28.970 ng
RT: 11.26 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion:	225	Resp:	56873
Ion	Ratio	Lower	Upper
225	100		
223	62.6	47.9	71.9
227	63.5	50.1	75.1

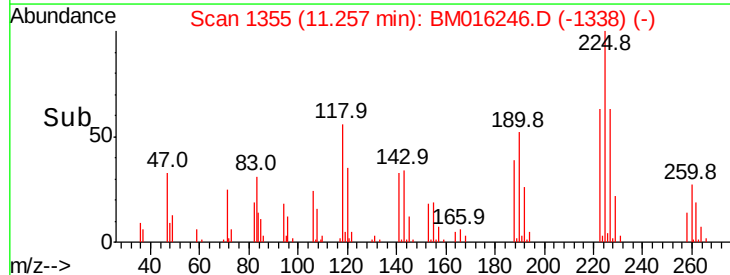
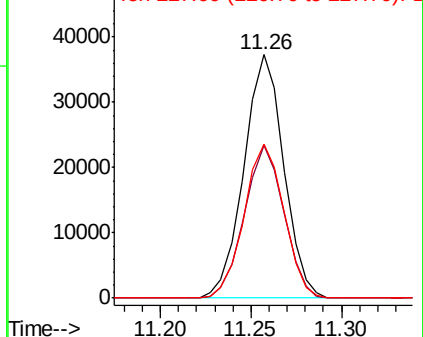


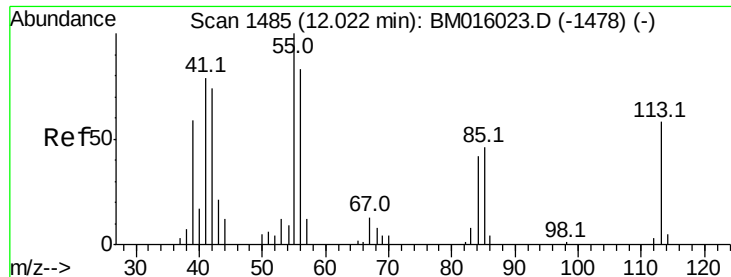
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.338 ng

RT: 11.93 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

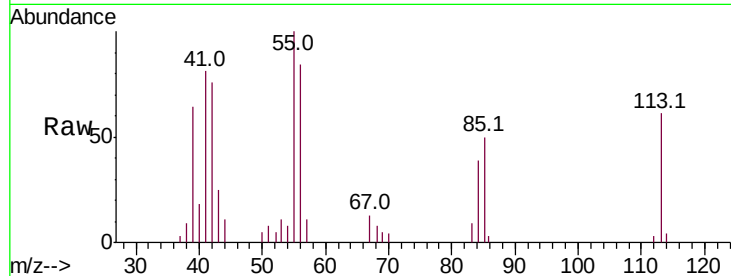
Tot Ion:113 Resp: 17637

Ion Ratio Lower Upper

113 100

55 163.0 145.9 185.9

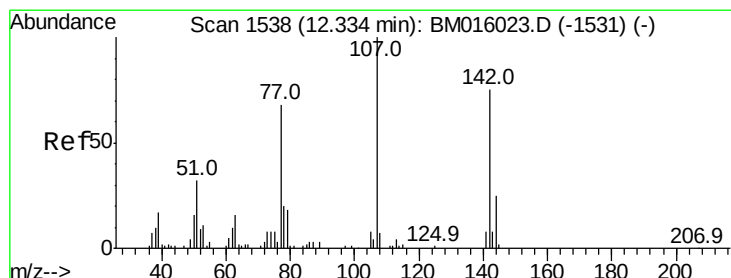
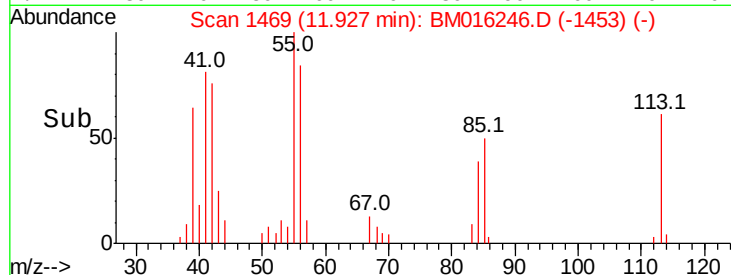
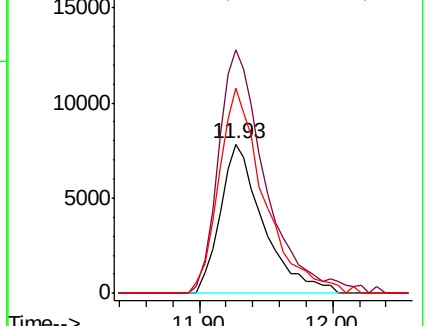
56 137.2 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 29.583 ng

RT: 12.24 min Scan# 1523

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

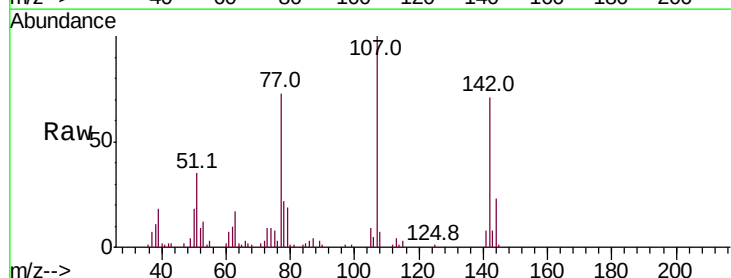
Tgt Ion:107 Resp: 75792

Ion Ratio Lower Upper

107 100

144 22.7 23.3 34.9#

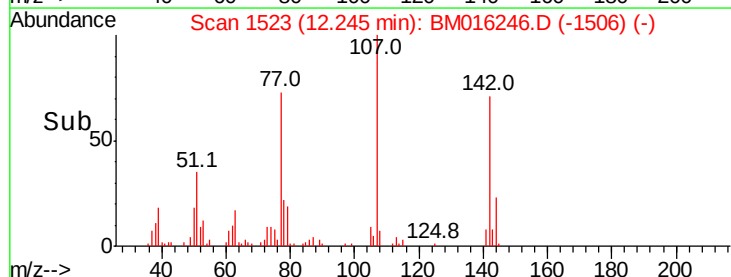
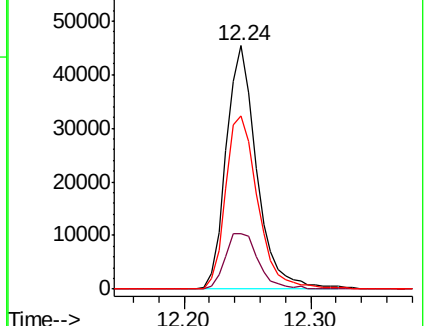
142 71.3 72.6 109.0#

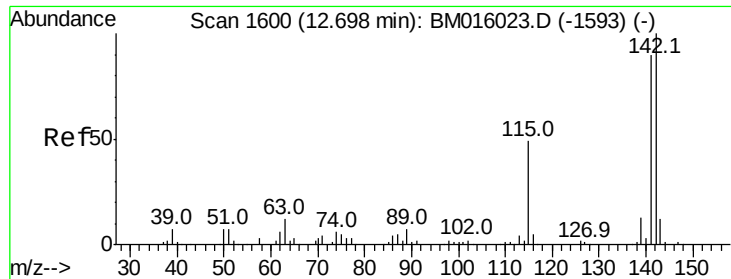


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

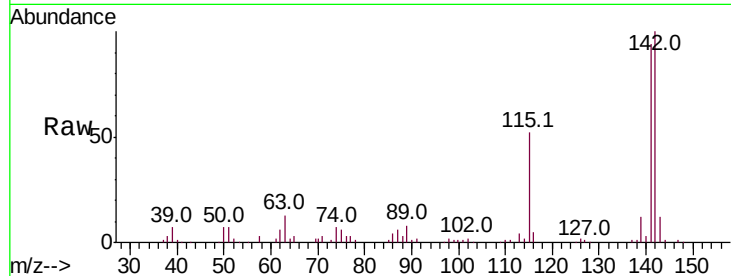




#37
2-Methylnaphthalene
Concen: 32.517 ng
RT: 12.60 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.1	71.9	107.9
115	52.4	25.4	38.0

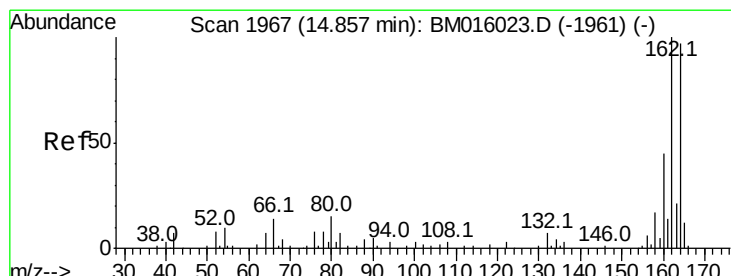
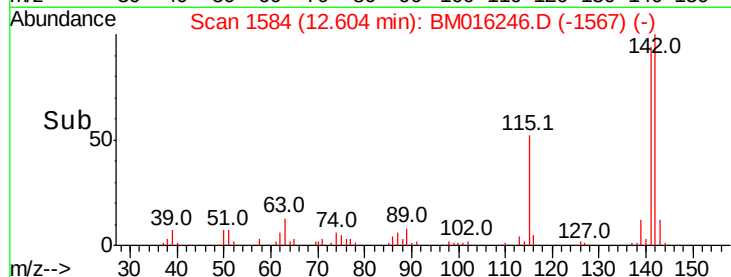
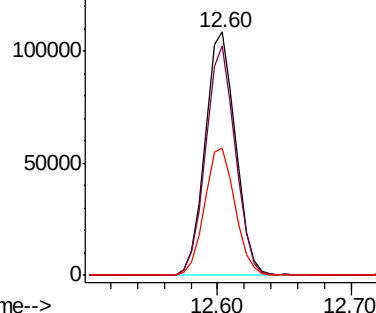


Abundance

Ion 142.00 (141.70 to 142.70): E

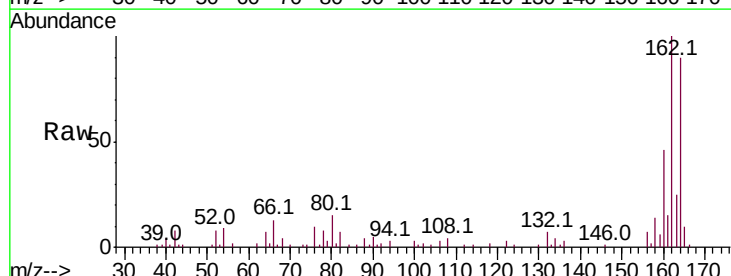
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	111.5	82.4	123.6
160	51.5	35.8	53.6

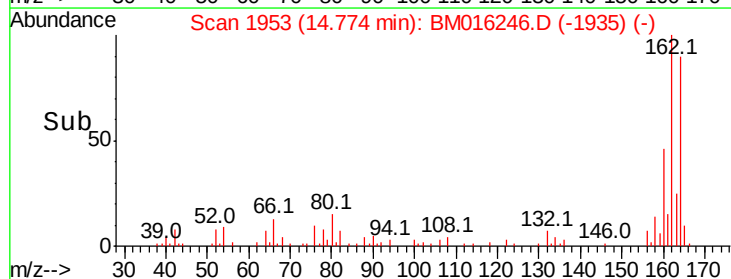
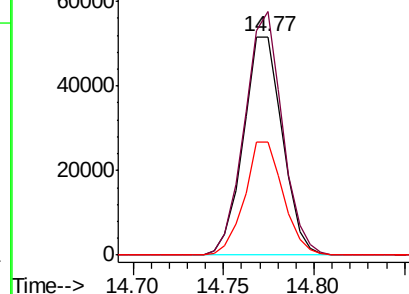


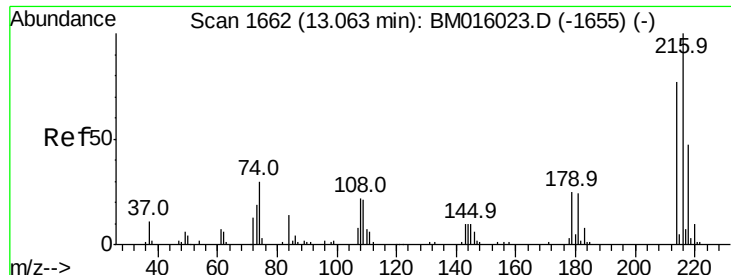
Abundance

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

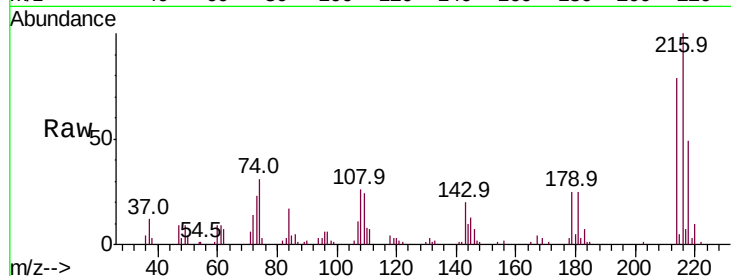




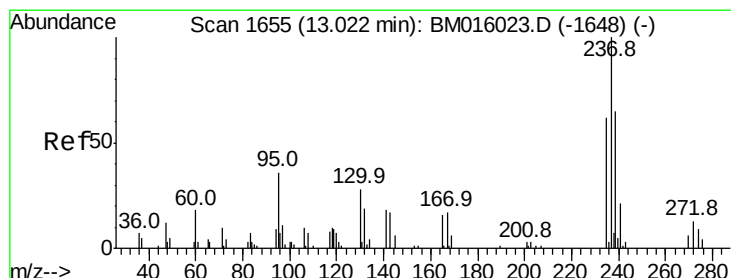
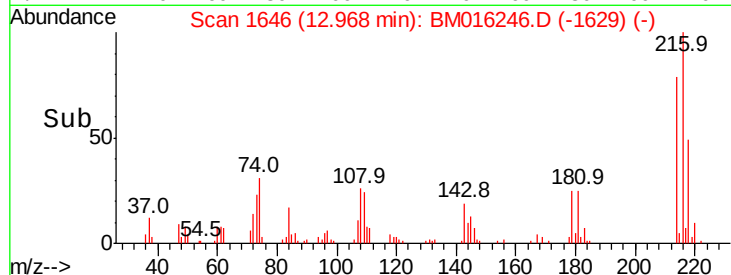
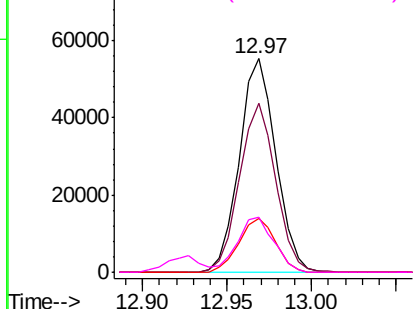
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.599 ng
 RT: 12.97 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

Tot Ion:	216	Resp:	83172
Ion	Ratio	Lower	Upper
216	100		
214	78.7	0.0	0.0#
179	25.2	0.0	0.0#
108	25.9	0.0	0.0#

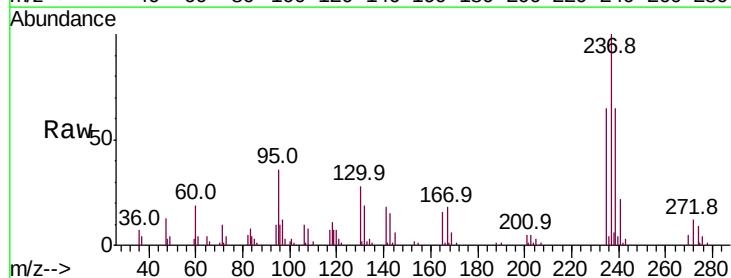


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

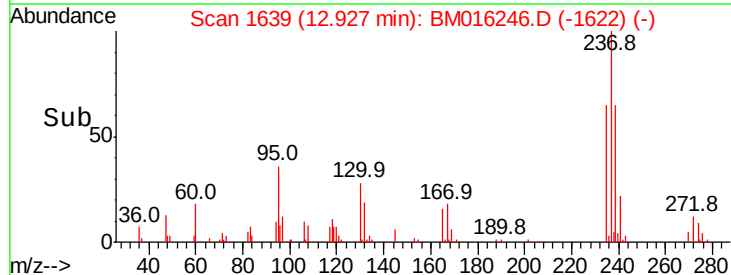
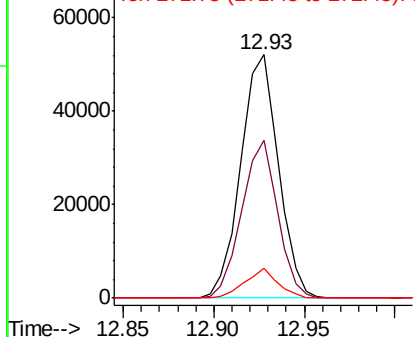


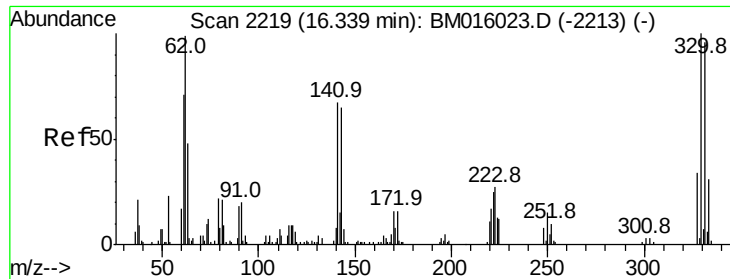
#40
 Hexachlorocyclopentadiene
 Concen: 60.365 ng
 RT: 12.93 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion:	237	Resp:	75300
Ion	Ratio	Lower	Upper
237	100		
235	65.0	42.0	82.0
272	12.3	0.0	33.4



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

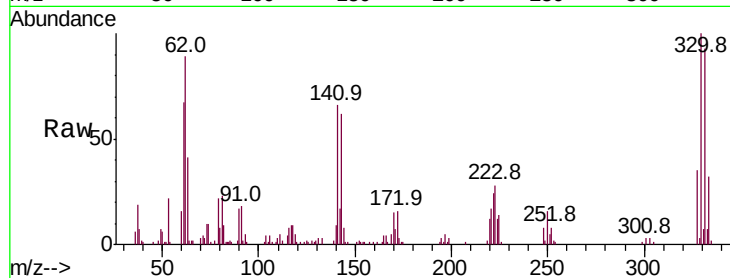




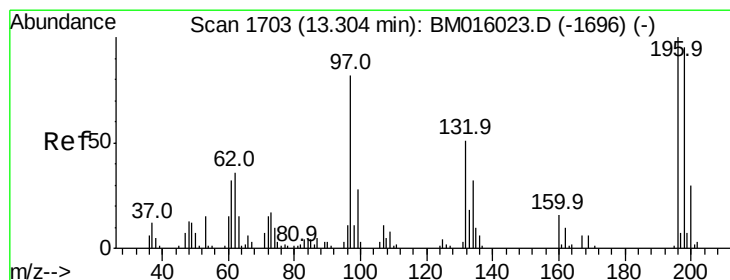
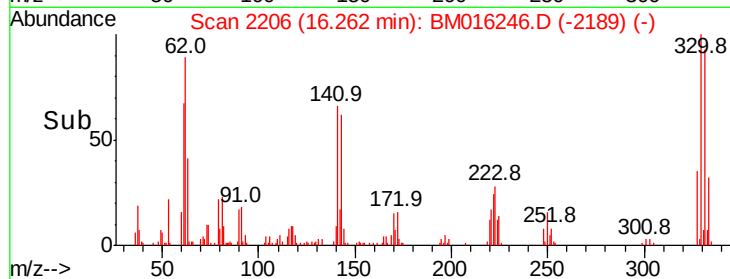
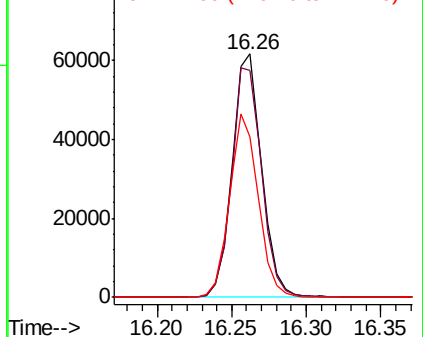
#41
 2,4,6-Tribromophenol
 Concen: 60.365 ng
 RT: 16.26 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

Tot Ion:330 Resp: 84973
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 73.3 0.0 0.0#

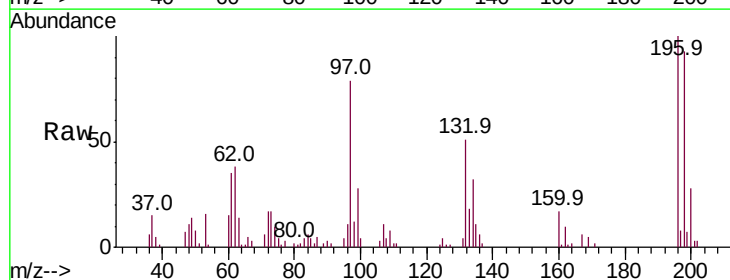


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

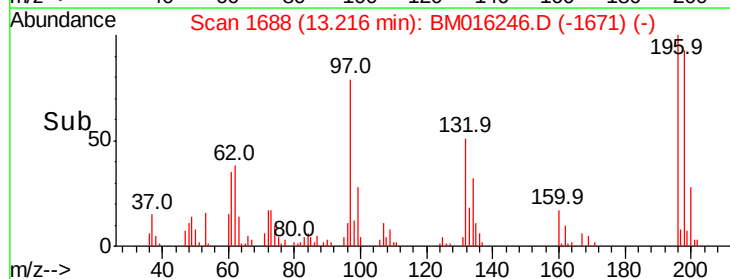
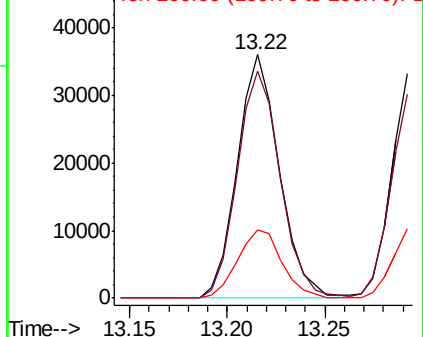


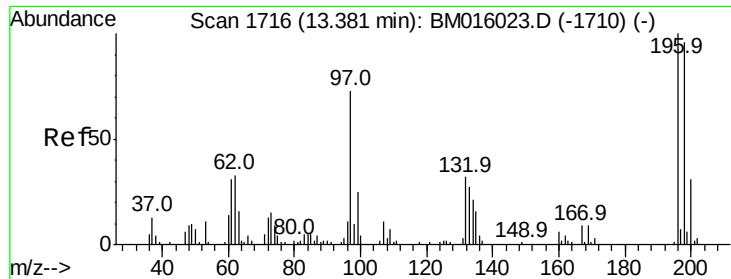
#42
 2,4,6-Trichlorophenol
 Concen: 32.524 ng
 RT: 13.22 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion:196 Resp: 53561
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.3 114.5
 200 28.2 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

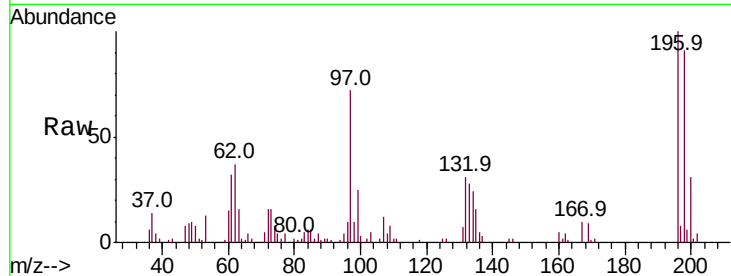




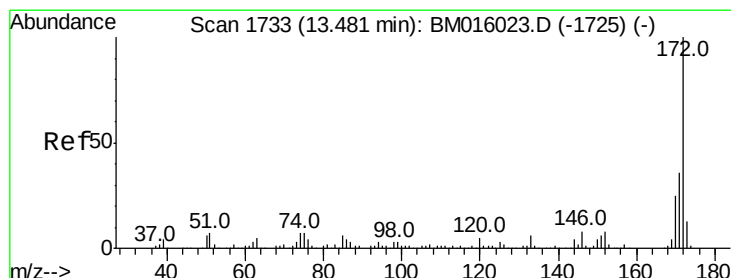
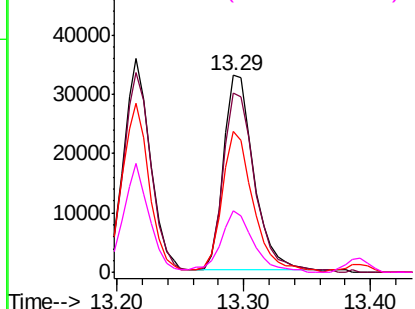
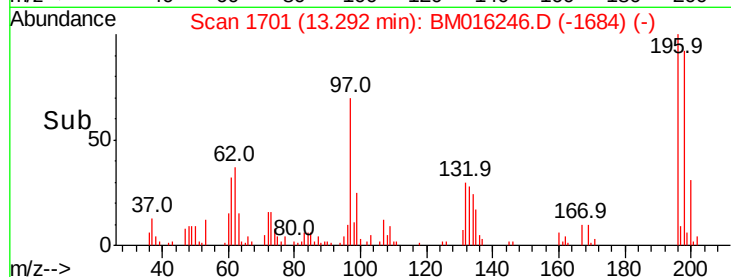
#43
 2,4,5-Trichlorophenol
 Concen: 32.031 ng
 RT: 13.29 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

Tot Ion:196 Resp: 54410
 Ion Ratio Lower Upper
 196 100
 198 91.0 79.4 119.0
 97 71.5 26.8 40.2#
 132 31.1 18.6 28.0#

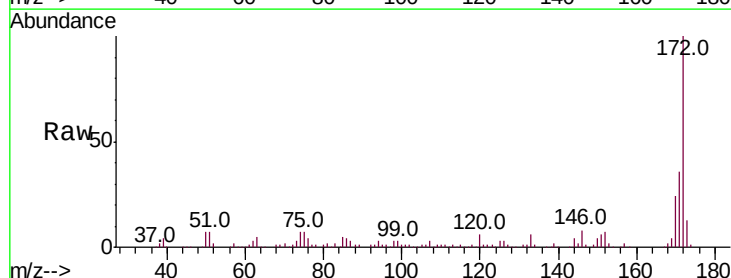


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

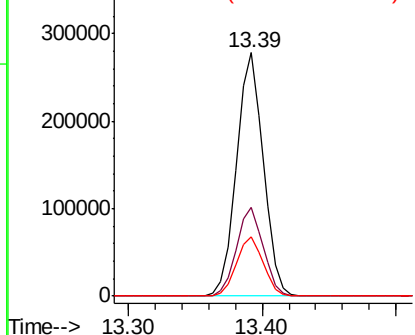
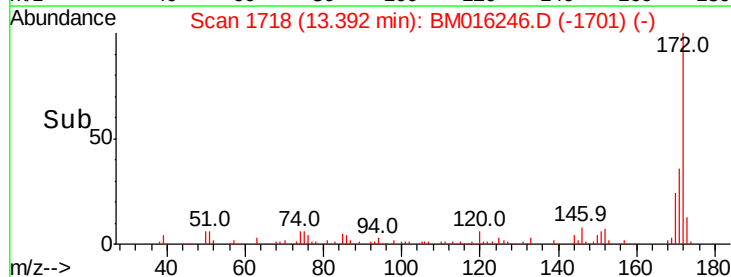


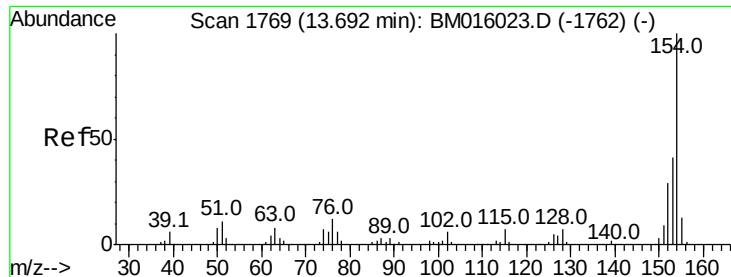
#44
 2-Fluorobiphenyl
 Concen: 32.031 ng
 RT: 13.39 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion:172 Resp: 388241
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.2 18.8 28.2



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

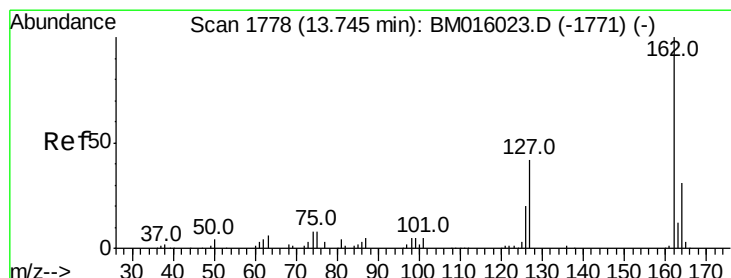
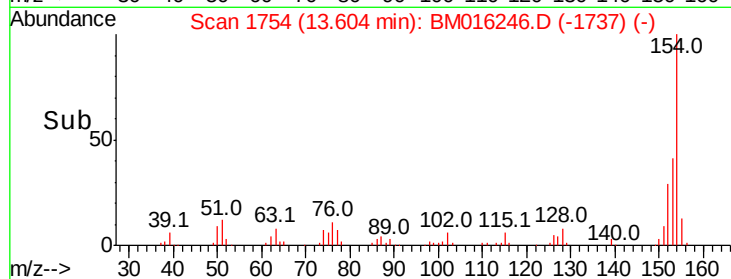
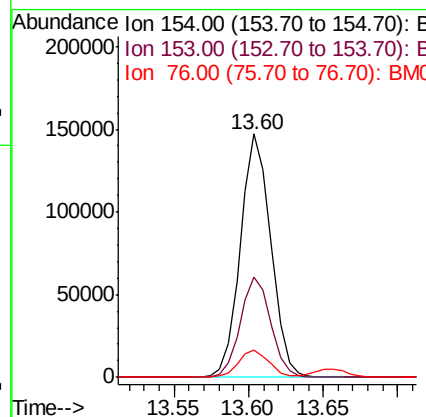
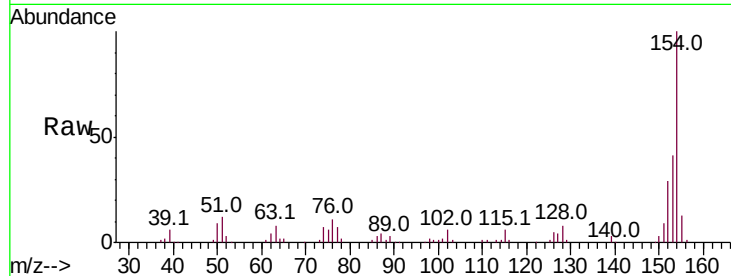




#45
 1,1'-Biphenyl
 Concen: 29.927 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

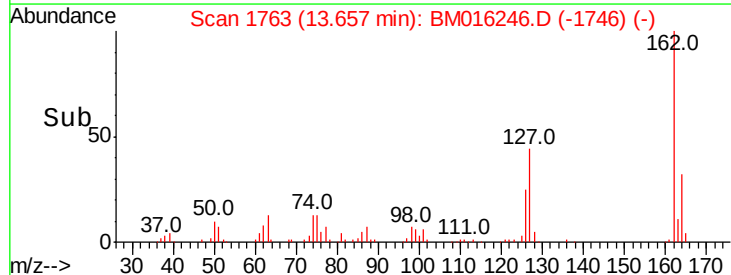
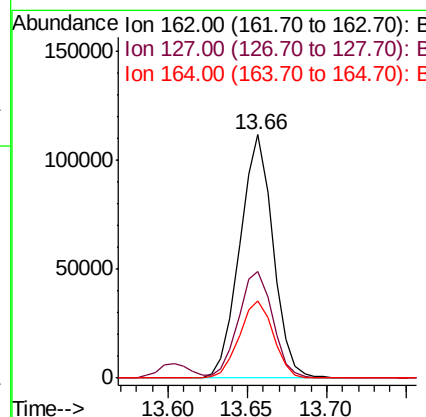
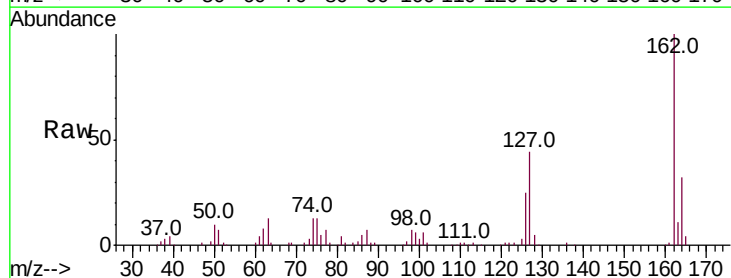
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

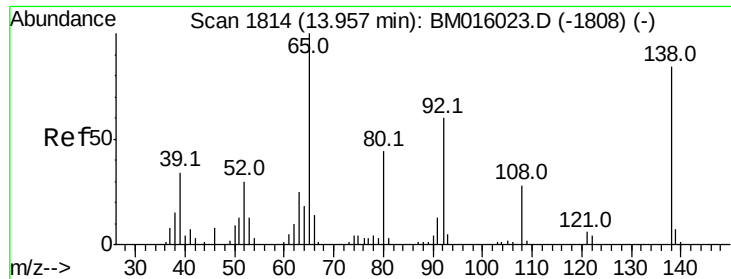
Tot Ion:	154	Resp:	208809
Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.7	60.7
76	11.3	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 29.923 ng
 RT: 13.66 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion:	162	Resp:	162386
Ion	Ratio	Lower	Upper
162	100		
127	43.9	26.9	40.3#
164	31.7	26.8	40.2

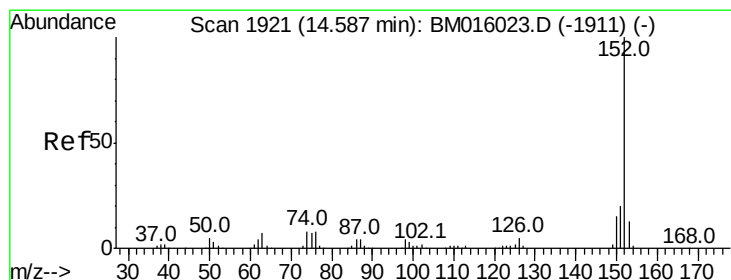
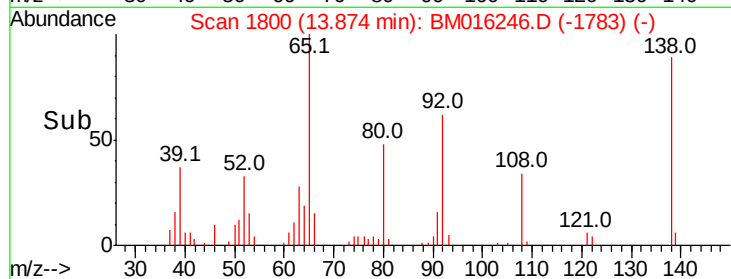
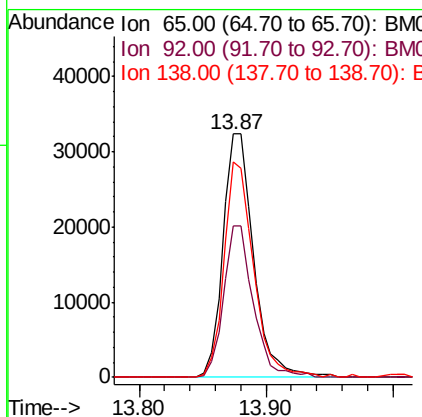
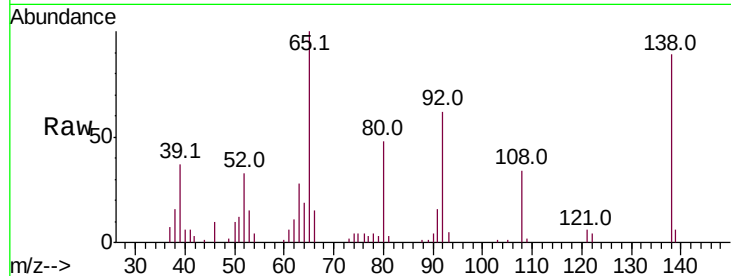




#47
 2-Nitroaniline
 Concen: 30.150 ng
 RT: 13.87 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

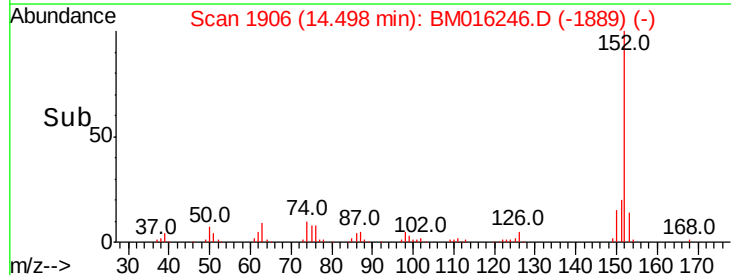
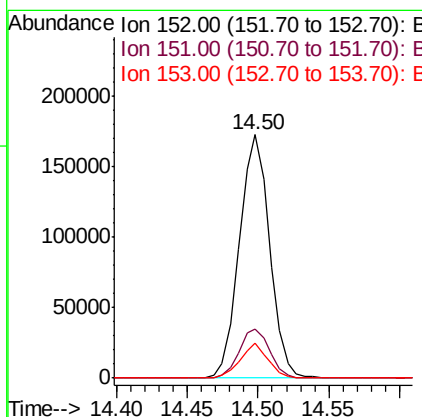
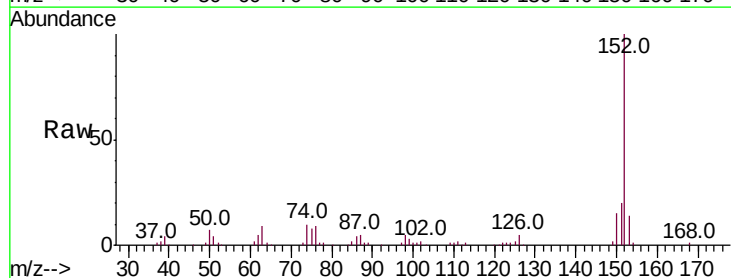
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

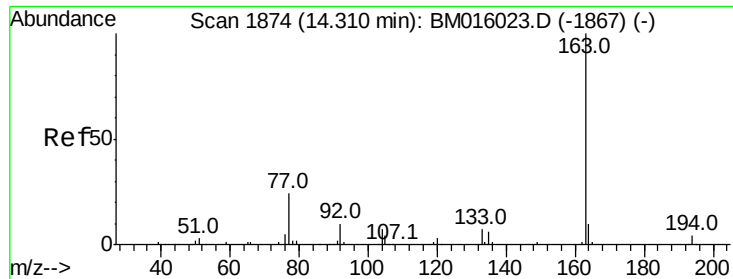
Tot Ion: 65 Resp: 54094
 Ion Ratio Lower Upper
 65 100
 92 62.2 59.1 88.7
 138 88.6 93.9 140.9#



#48
 Acenaphthylene
 Concen: 32.612 ng
 RT: 14.50 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion:152 Resp: 259084
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.9 23.9
 153 14.3 10.6 16.0





#49

Dimethylphthalate

Concen: 35.050 ng

RT: 14.23 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

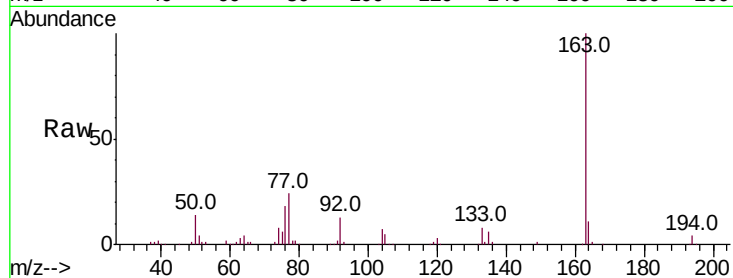
Tot Ion:163 Resp: 237155

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

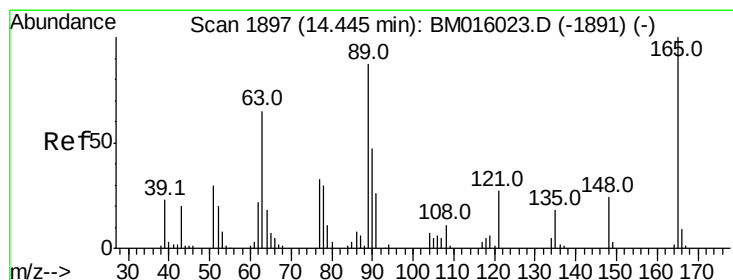
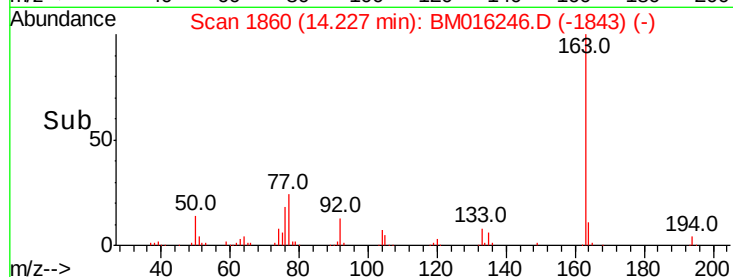
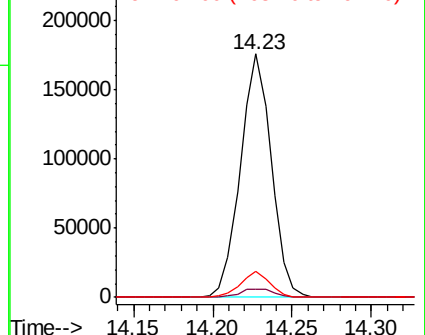
164 10.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 30.022 ng

RT: 14.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

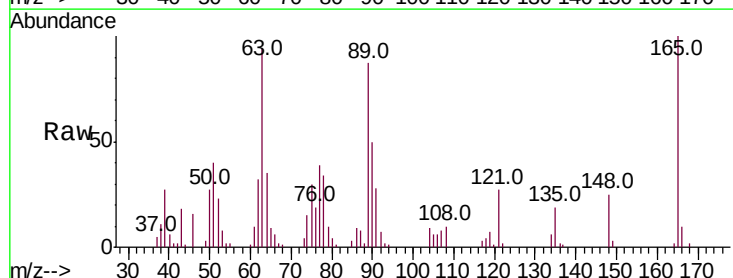
Tgt Ion:165 Resp: 40872

Ion Ratio Lower Upper

165 100

63 94.5 44.1 66.1#

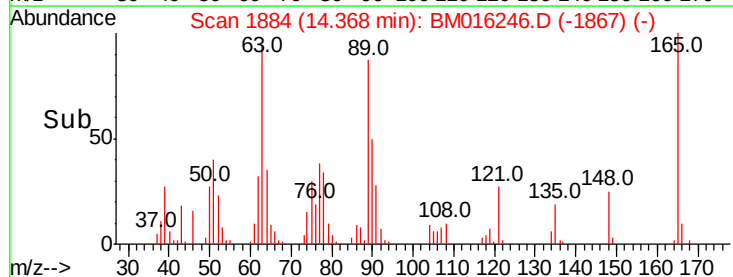
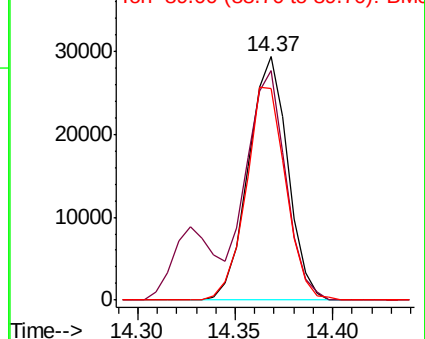
89 86.8 44.3 66.5#

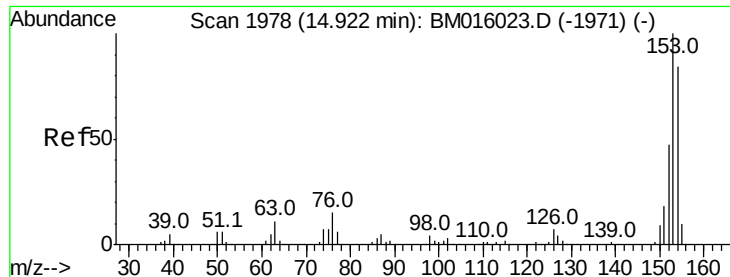


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 29.962 ng

RT: 14.83 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

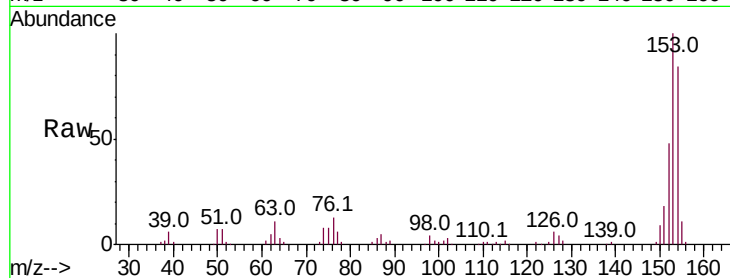
Tot Ion:154 Resp: 146397

Ion Ratio Lower Upper

154 100

153 119.7 90.0 135.0

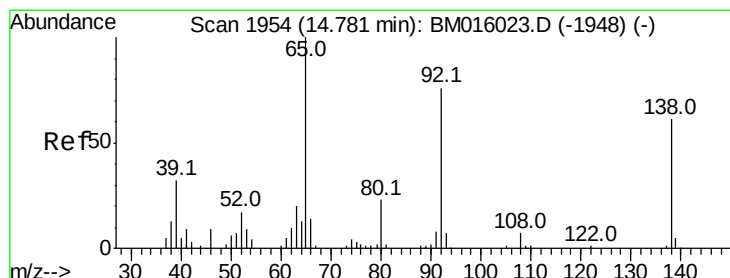
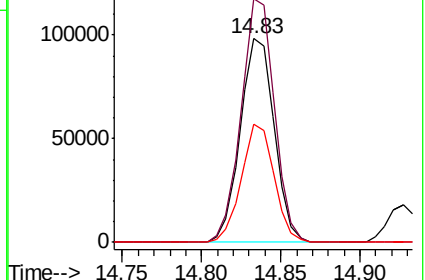
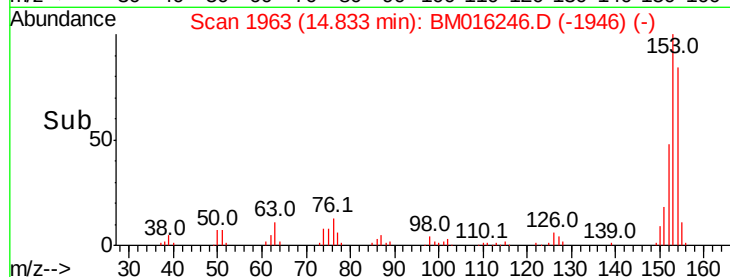
152 57.8 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.671 ng

RT: 14.70 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

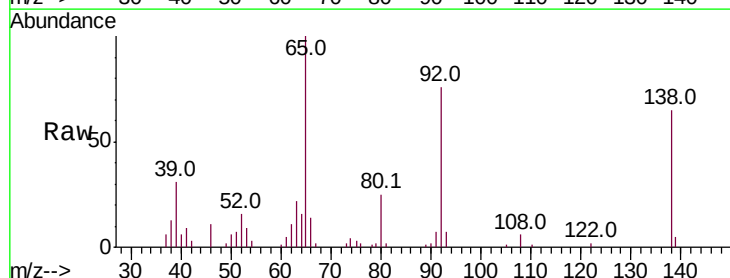
Tgt Ion:138 Resp: 36278

Ion Ratio Lower Upper

138 100

108 8.9 7.3 10.9

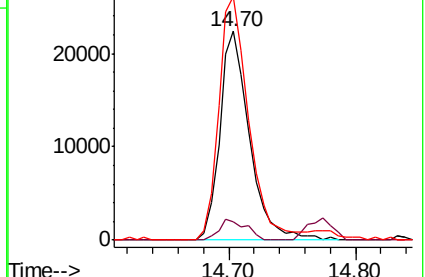
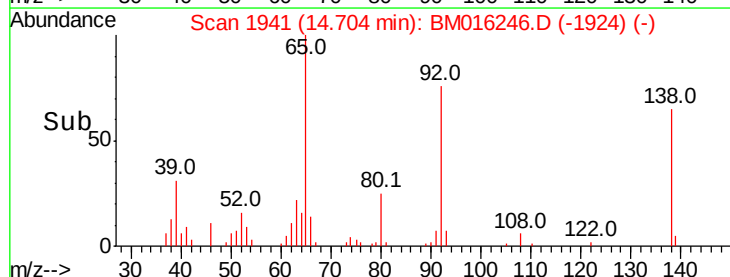
92 116.6 76.6 114.8#

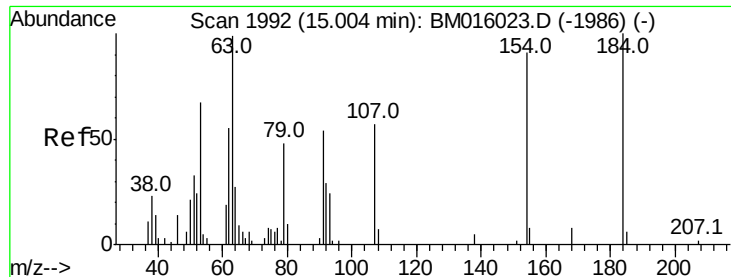


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

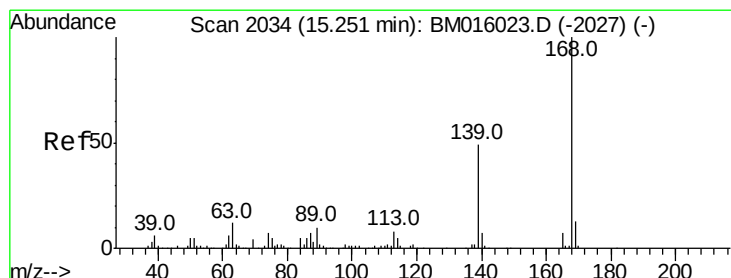
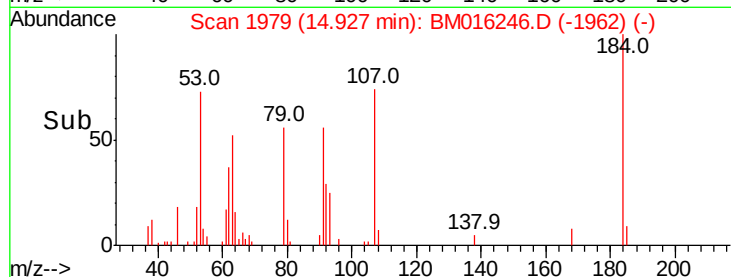
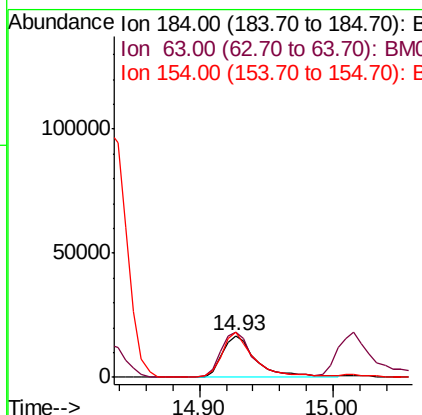
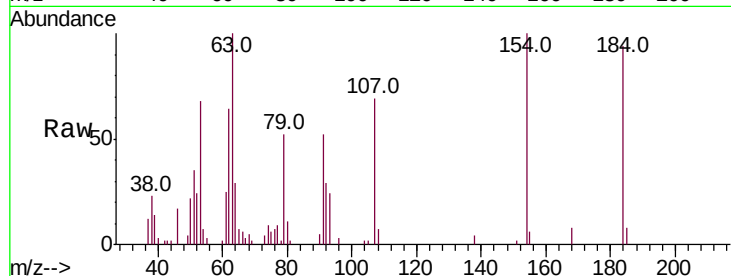




#53
2,4-Dinitrophenol
Concen: 53.546 ng
RT: 14.93 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

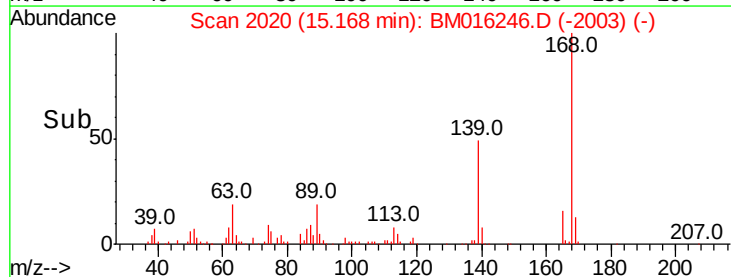
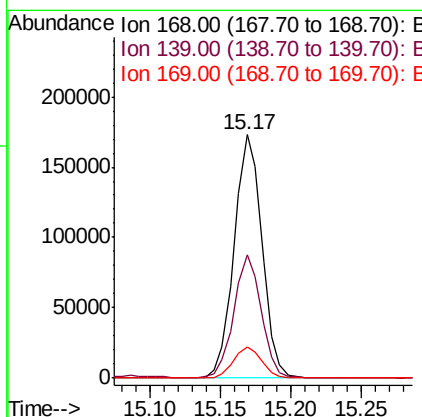
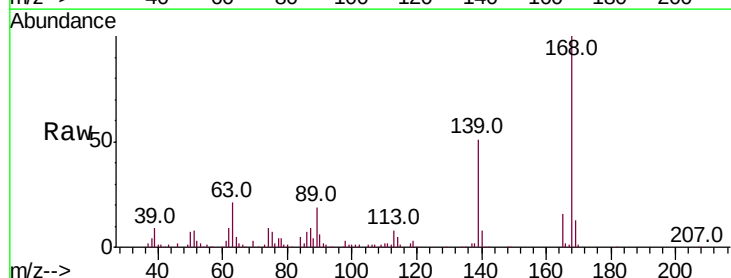
Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

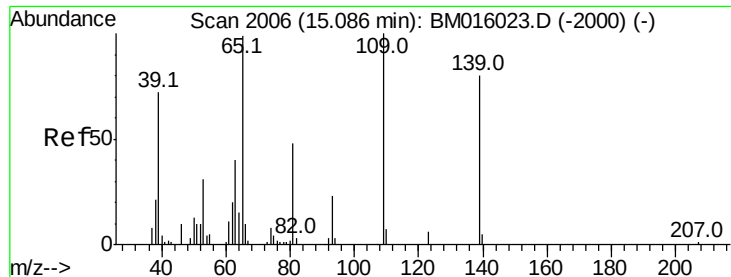
Tot Ion:184 Resp: 30021
Ion Ratio Lower Upper
184 100
63 106.9 69.2 103.8#
154 106.6 53.3 79.9#



#54
Dibenzofuran
Concen: 29.525 ng
RT: 15.17 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion:168 Resp: 237725
Ion Ratio Lower Upper
168 100
139 50.7 27.3 40.9#
169 13.0 10.6 16.0





#55

4-Nitrophenol

Concen: 56.485 ng

RT: 15.02 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

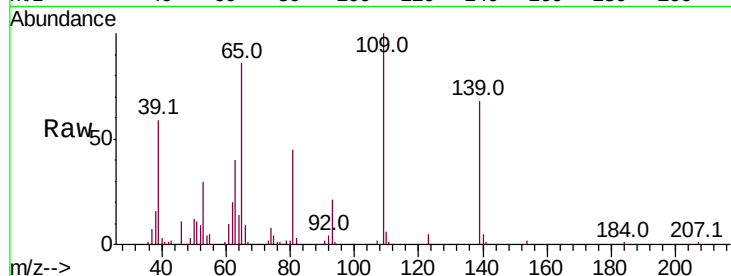
Tot Ion:139 Resp: 59542

Ion Ratio Lower Upper

139 100

109 146.5 130.0 170.0

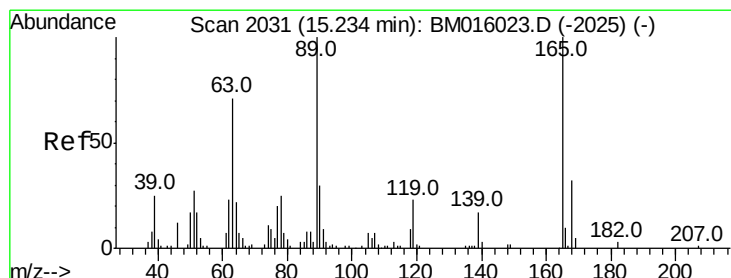
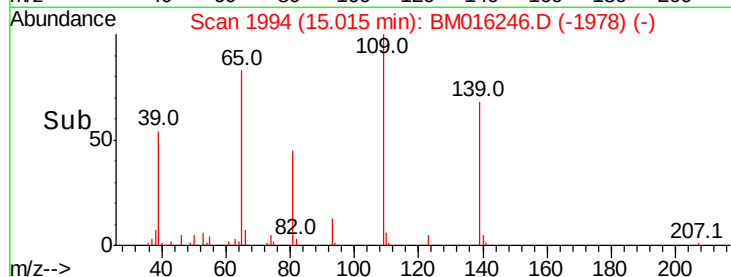
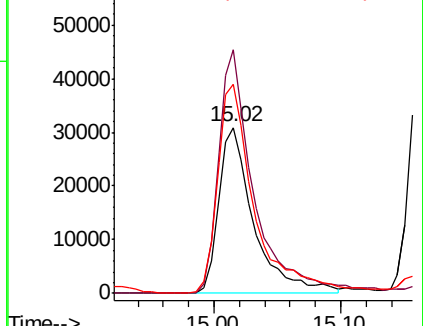
65 126.1 130.0 170.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 29.324 ng

RT: 15.16 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Tgt Ion:165 Resp: 57082

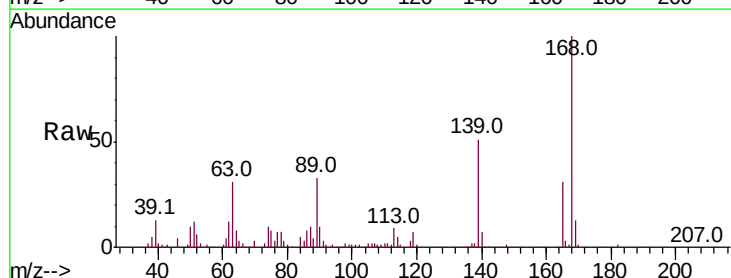
Ion Ratio Lower Upper

165 100

63 99.9 52.4 78.6#

89 105.6 72.4 108.6

182 2.7 2.0 3.0

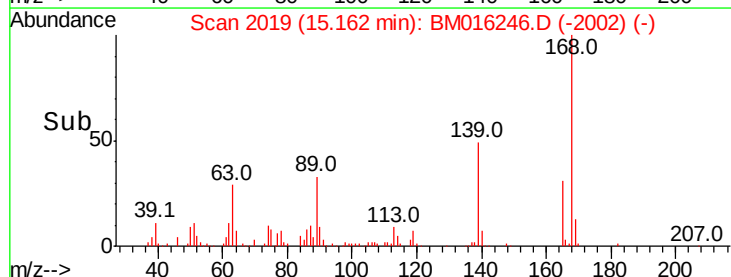
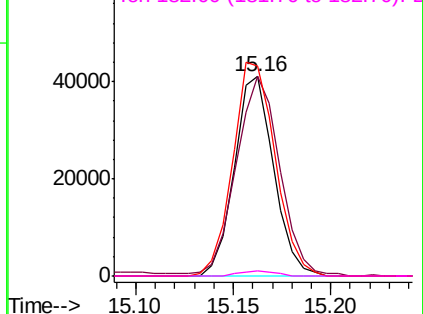


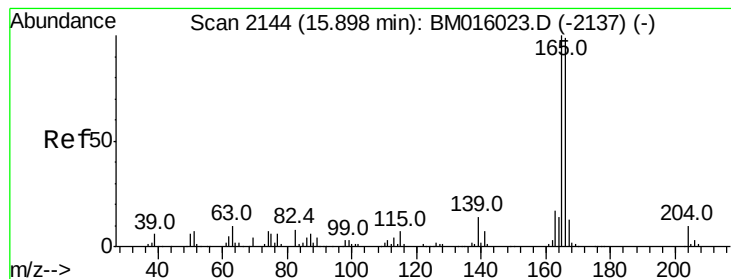
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 30.904 ng

RT: 15.82 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

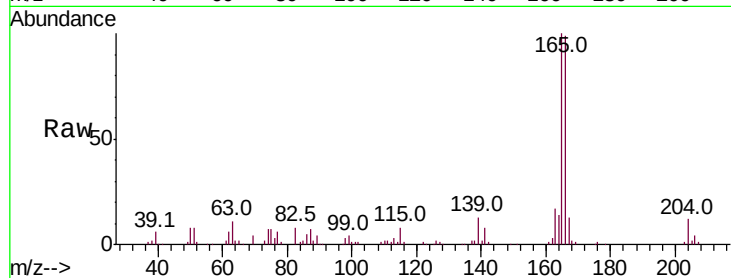
Tot Ion:166 Resp: 184907

Ion Ratio Lower Upper

166 100

165 101.5 79.0 118.4

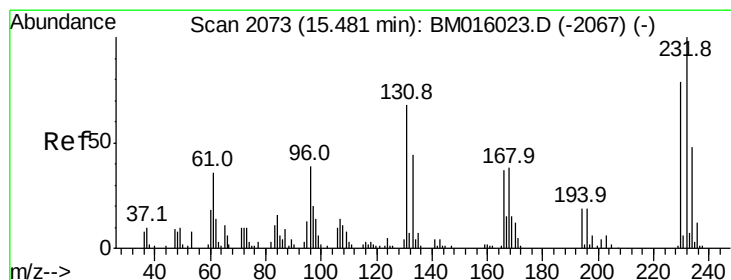
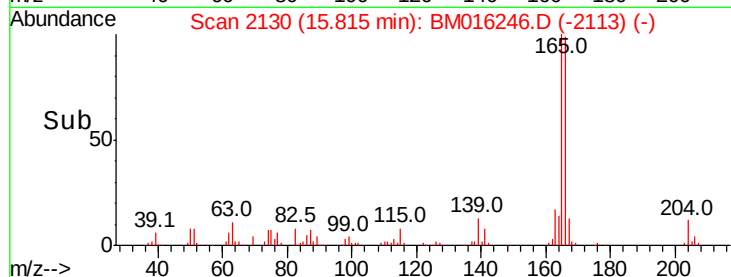
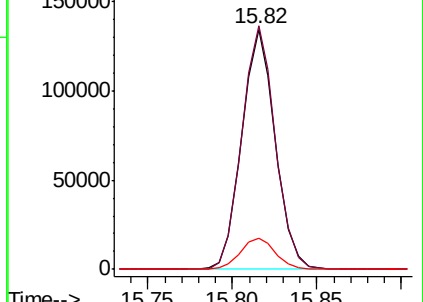
167 12.9 10.3 15.5



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.607 ng

RT: 15.40 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Tgt Ion:232 Resp: 46148

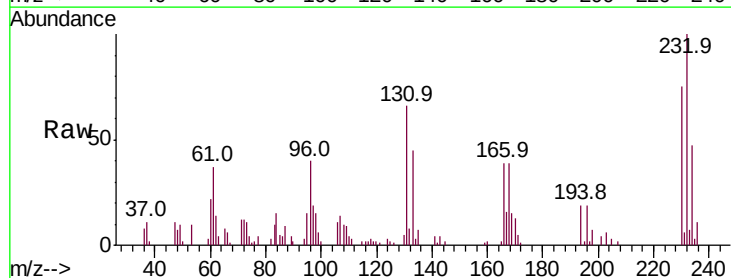
Ion Ratio Lower Upper

232 100

131 68.0 0.0 0.0#

130 4.6 0.0 0.0#

166 39.5 0.0 0.0#

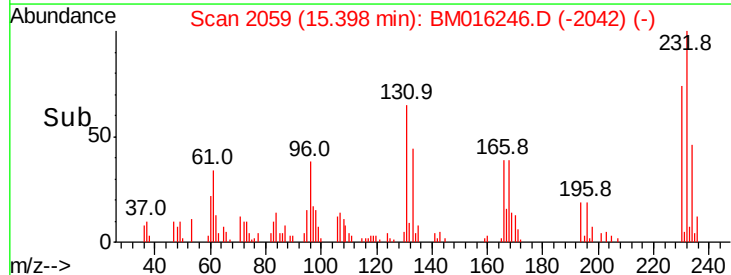
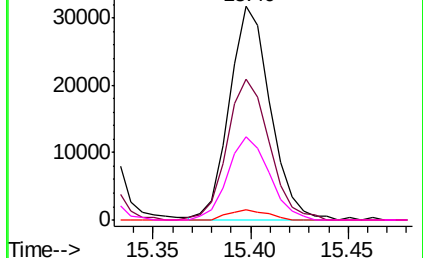


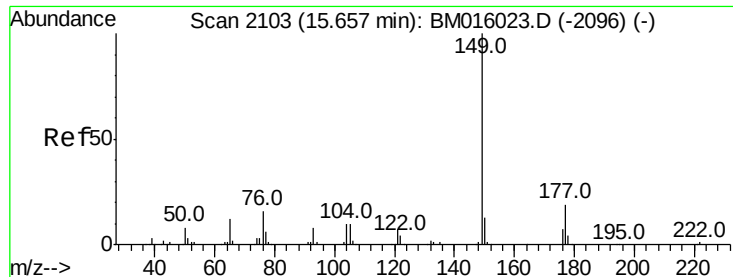
Abundance Ion 232.00 (231.70 to 232.70): E

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

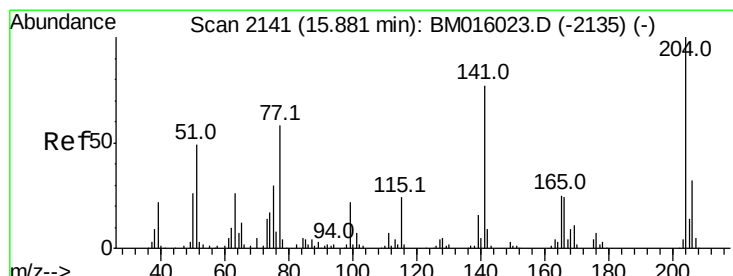
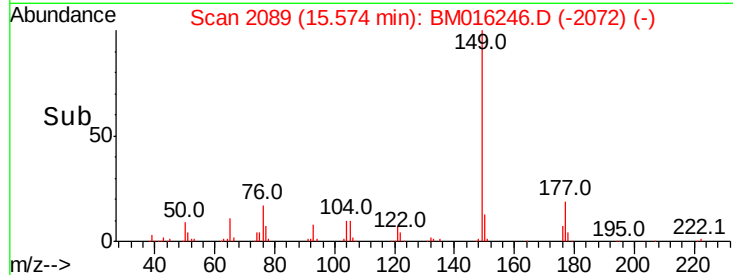
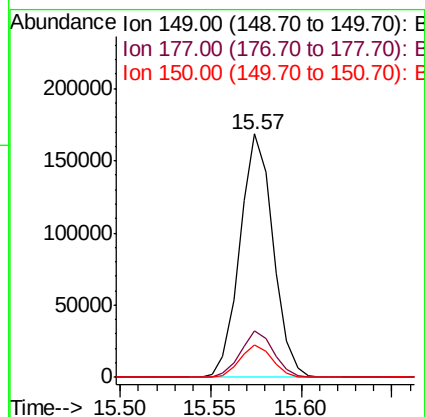
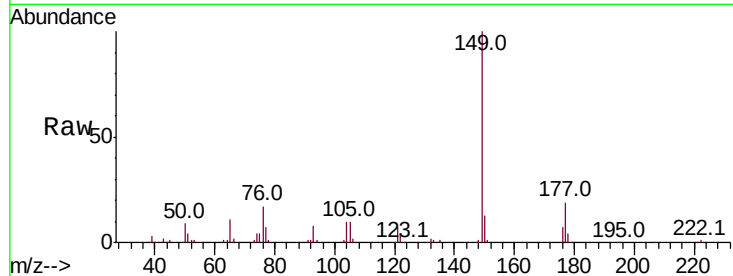




#59
Diethylphthalate
Concen: 29.470 ng
RT: 15.57 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

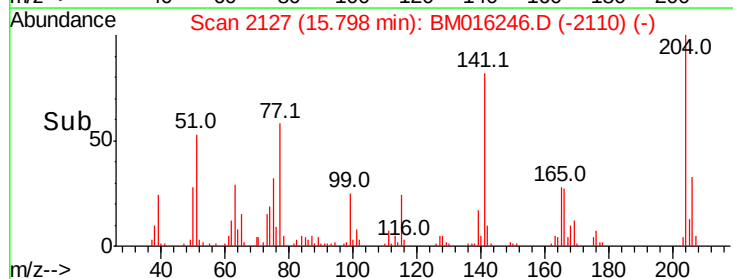
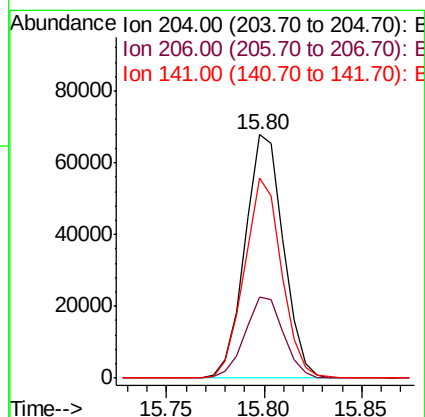
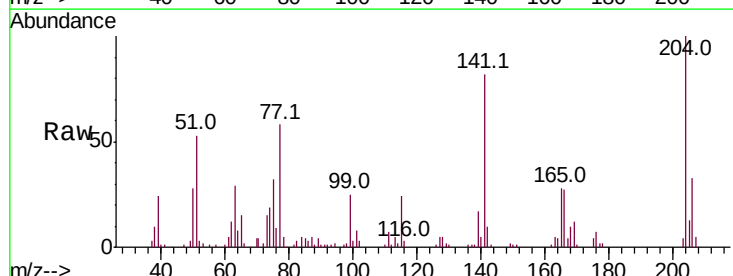
Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

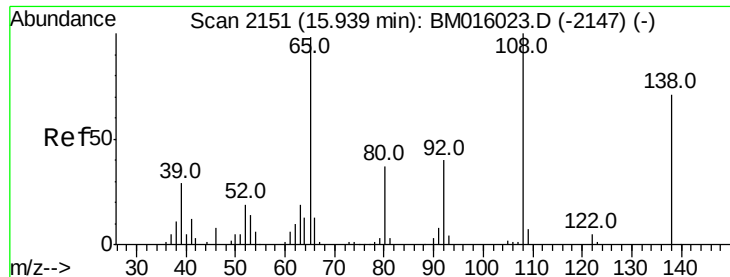
Tot Ion:149 Resp: 214923
Ion Ratio Lower Upper
149 100
177 19.3 18.3 27.5
150 13.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 27.807 ng
RT: 15.80 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion:204 Resp: 92620
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 82.3 45.2 67.8#

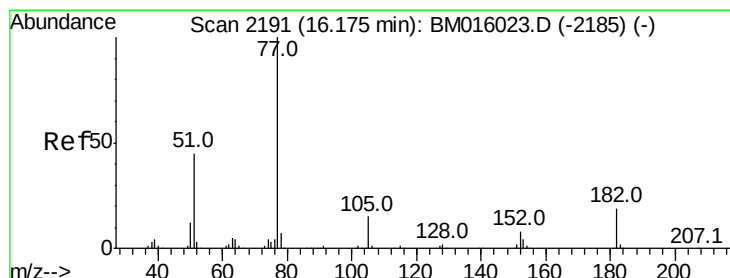
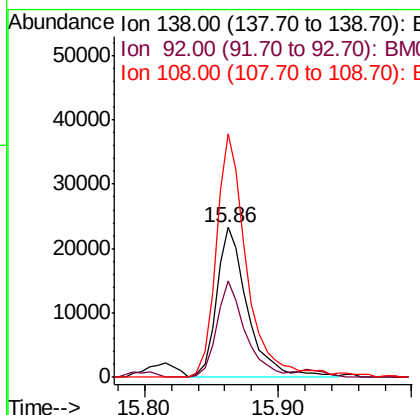
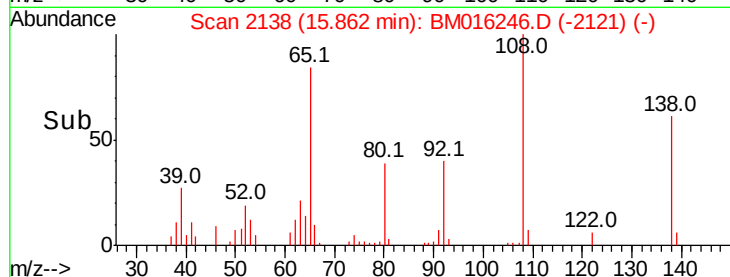
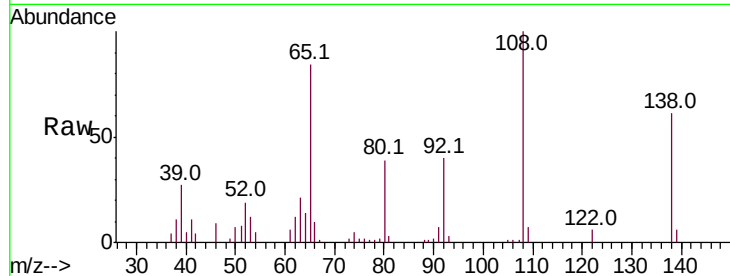




#61
4-Nitroaniline
Concen: 26.741 ng
RT: 15.86 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

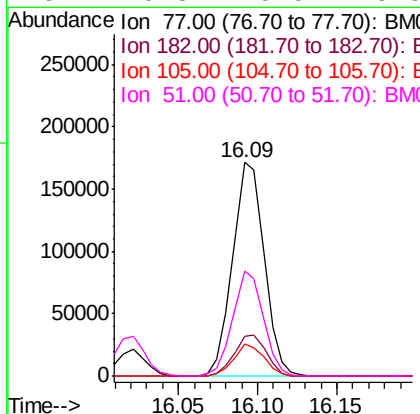
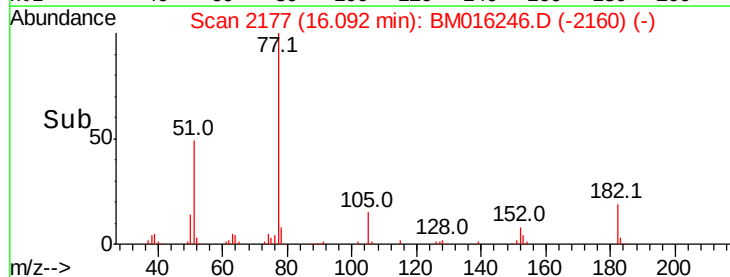
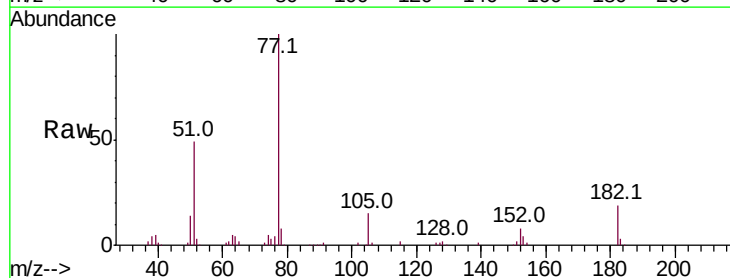
Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

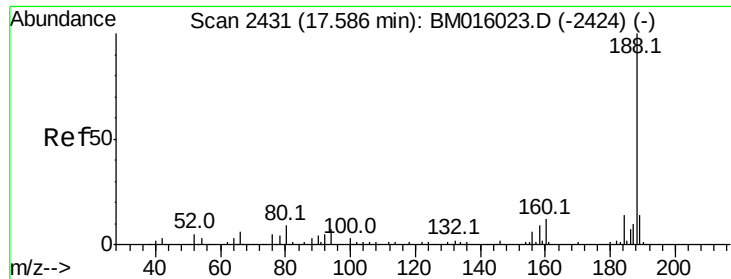
Tot Ion:138 Resp: 37726
Ion Ratio Lower Upper
138 100
92 64.6 16.7 56.7#
108 162.7 37.6 77.6#



#62
Azobenzene
Concen: 30.886 ng
RT: 16.09 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion: 77 Resp: 237223
Ion Ratio Lower Upper
77 100
182 18.9 6.5 46.5
105 14.9 3.8 43.8
51 49.3 5.5 45.5#

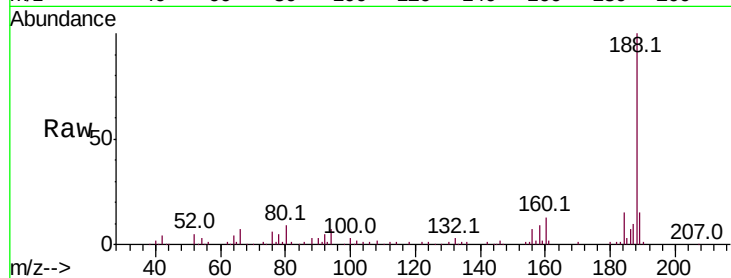




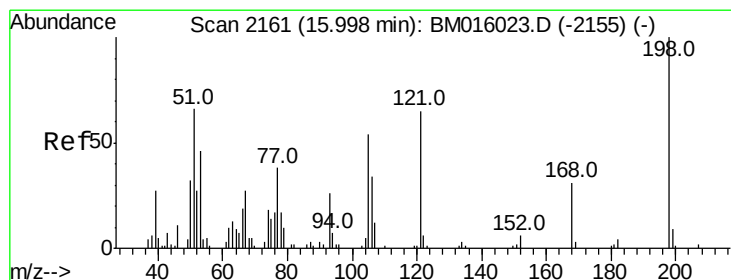
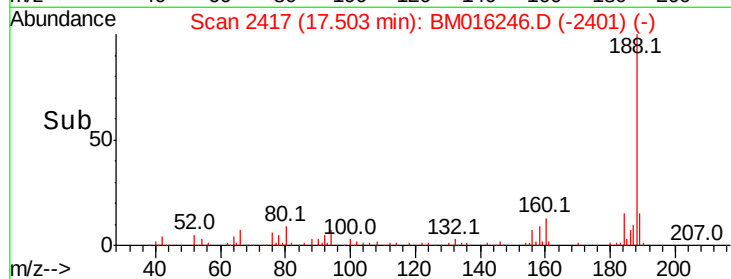
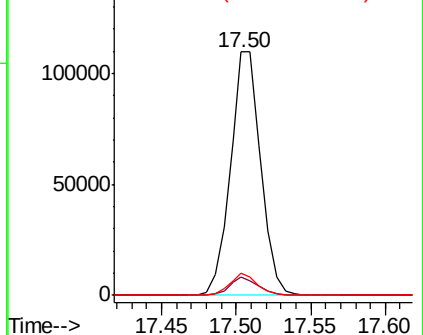
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.7	13.1#
80	8.9	9.3	13.9#

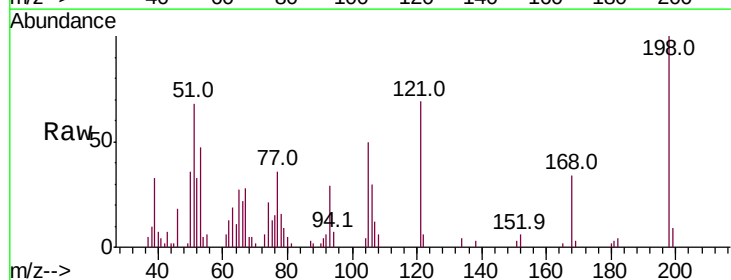


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

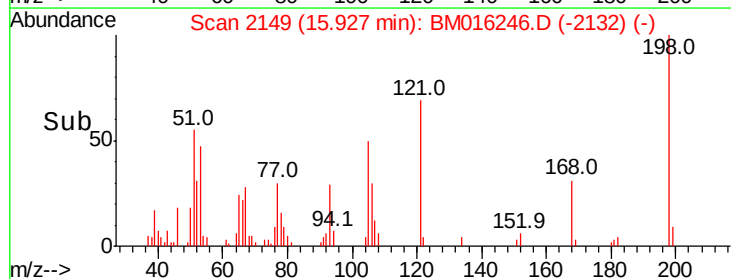
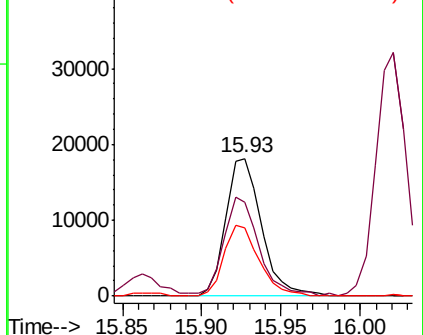


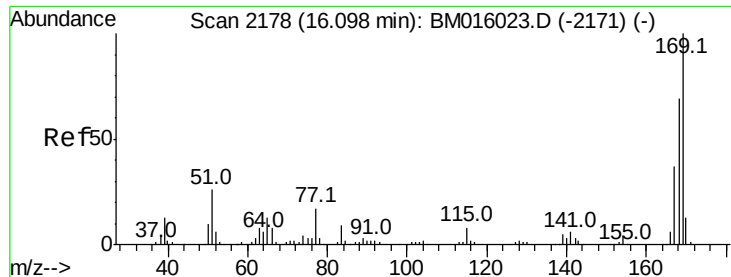
#64
4,6-Dinitro-2-methylphenol
Concen: 30.121 ng
RT: 15.93 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
198	100		
51	67.7	28.8	68.8
105	49.7	30.5	70.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E

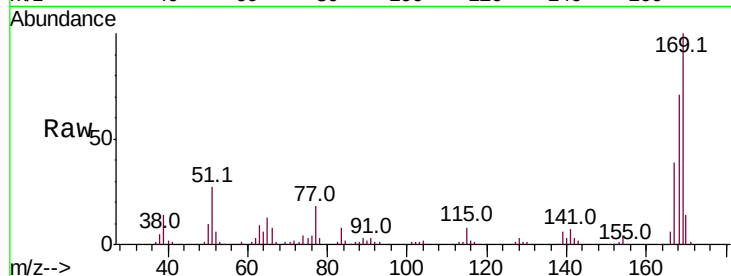




#65
 n-Nitrosodiphenylamine
 Concen: 30.432 ng
 RT: 16.02 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.0	53.9	80.9
167	39.3	28.9	43.3

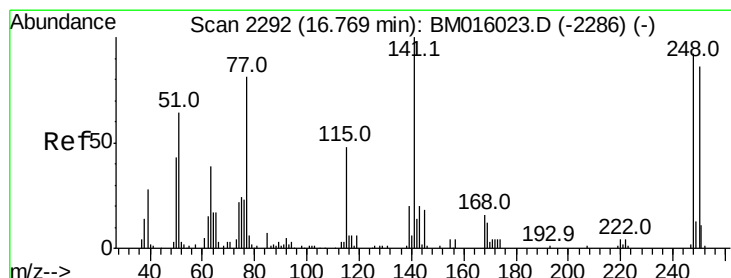
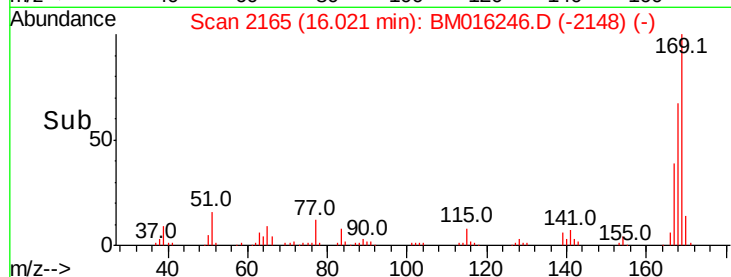
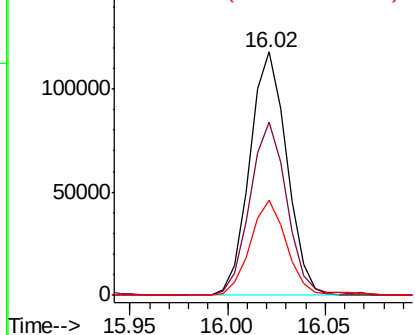


Abundance

Ion 169.00 (168.70 to 169.70): E

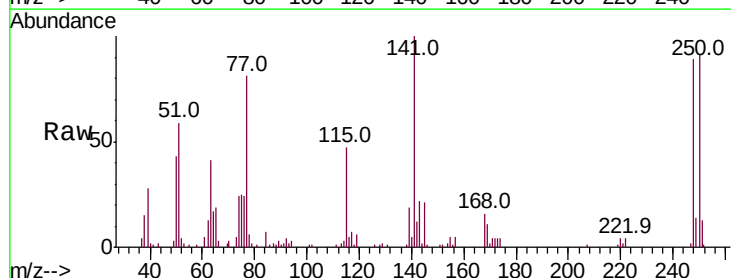
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 30.088 ng
 RT: 16.69 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.0	77.4	116.0
141	111.9	45.2	67.8#

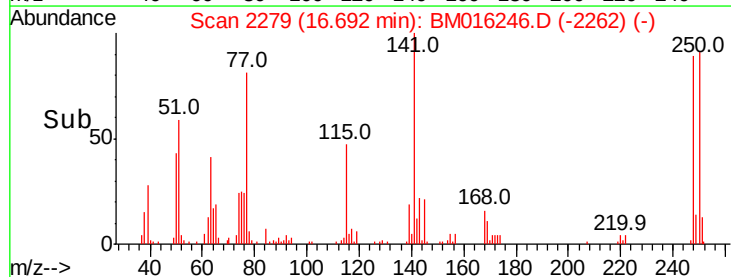
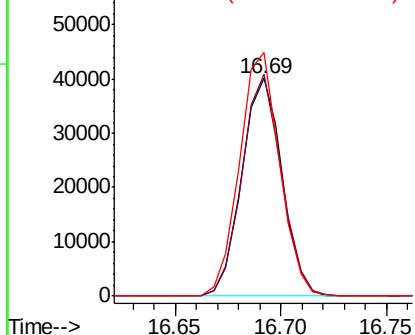


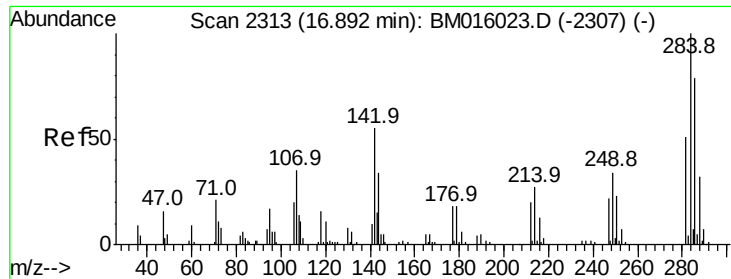
Abundance

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





#67

Hexachlorobenzene

Concen: 29.131 ng

RT: 16.81 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

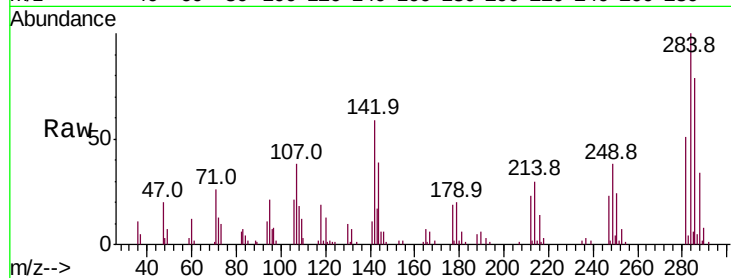
Tot Ion:284 Resp: 56419

Ion Ratio Lower Upper

284 100

142 59.4 20.4 30.6#

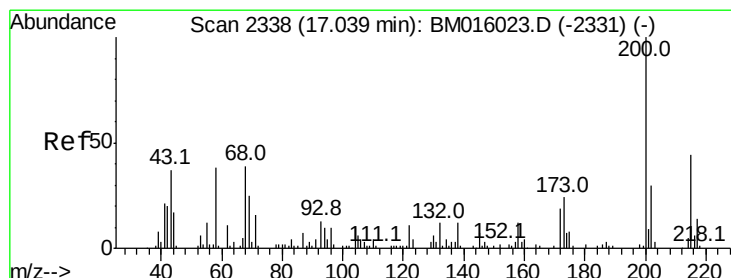
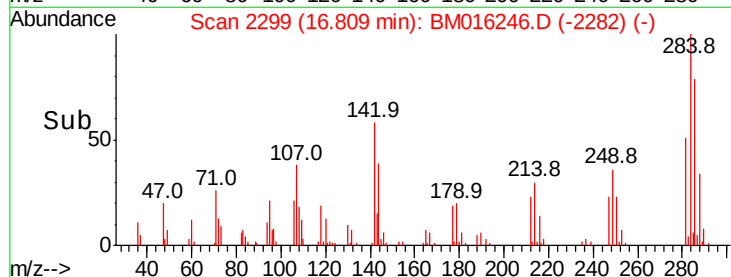
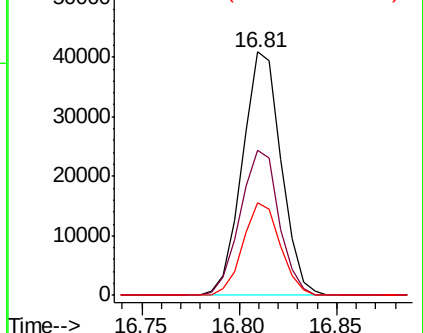
249 38.2 23.8 35.6#



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



#68

Atrazine

Concen: 30.969 ng

RT: 16.96 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

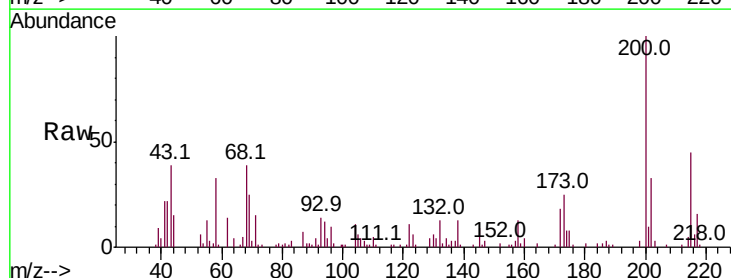
Tgt Ion:200 Resp: 56765

Ion Ratio Lower Upper

200 100

173 24.7 4.8 44.8

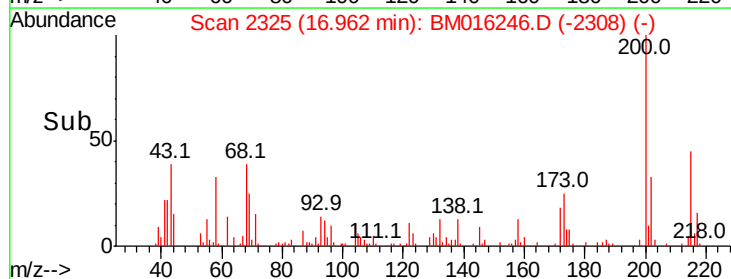
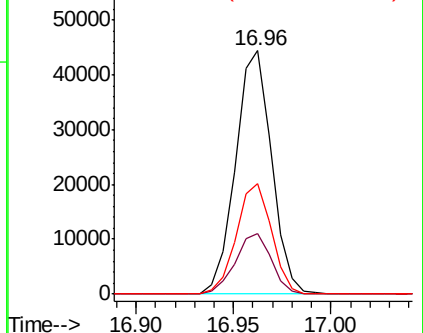
215 45.2 26.9 66.9

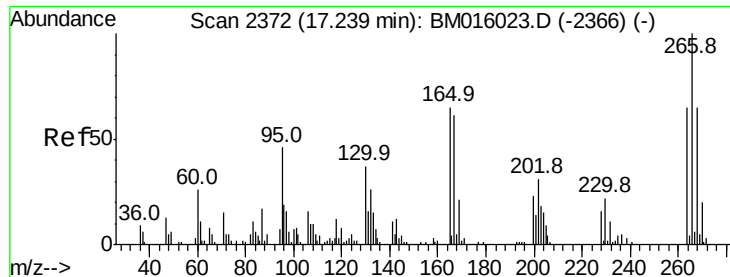


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 48.315 ng

RT: 17.16 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

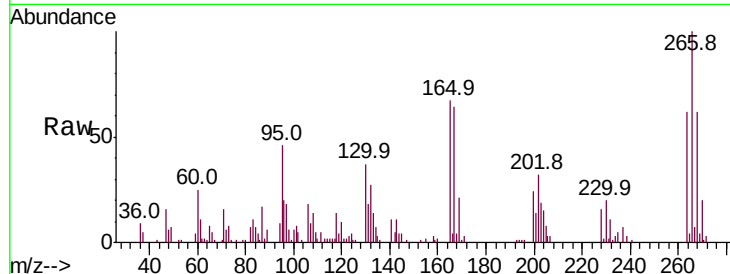
Tot Ion:266 Resp: 57944

Ion Ratio Lower Upper

266 100

268 62.3 52.0 78.0

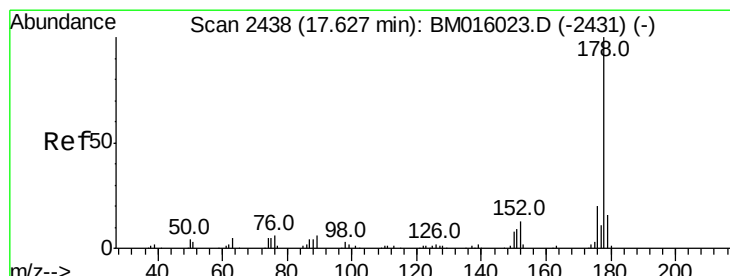
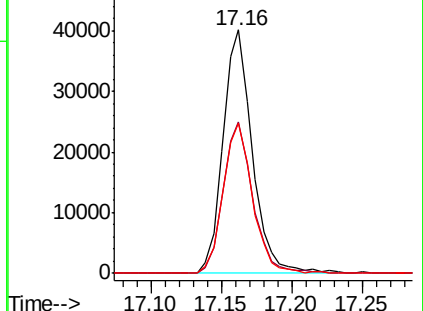
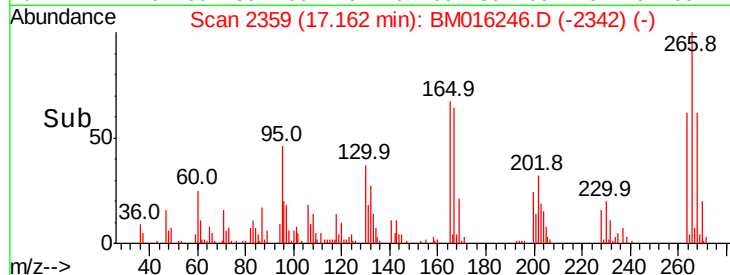
264 61.8 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 30.798 ng

RT: 17.55 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

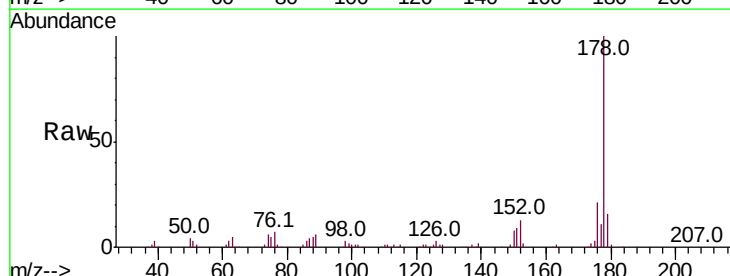
Tgt Ion:178 Resp: 267805

Ion Ratio Lower Upper

178 100

176 20.8 15.2 22.8

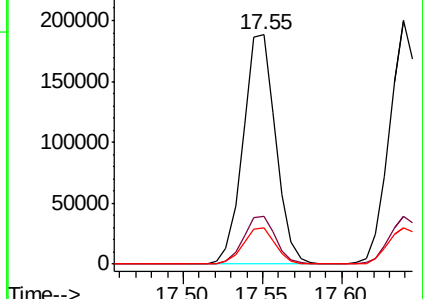
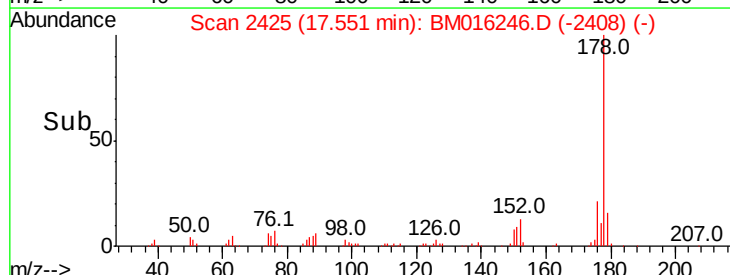
179 15.6 12.1 18.1

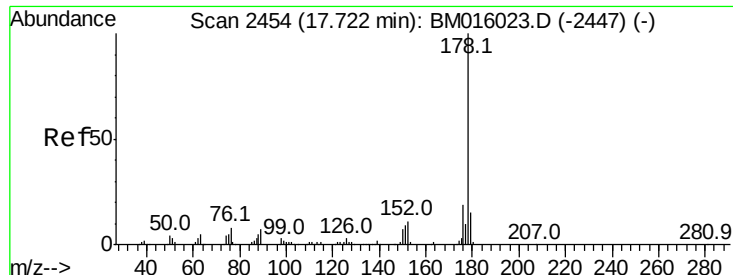


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

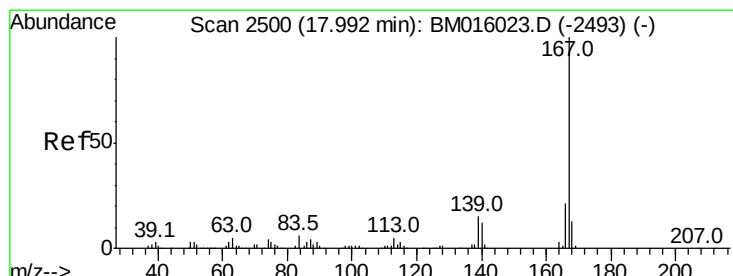
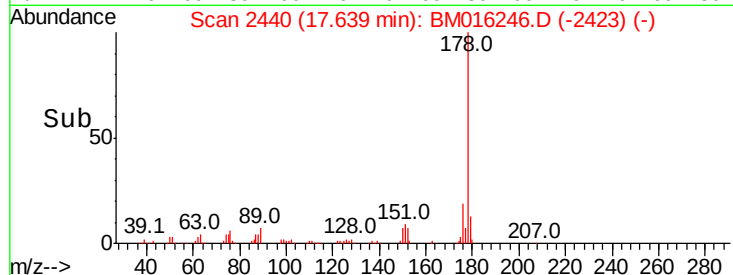
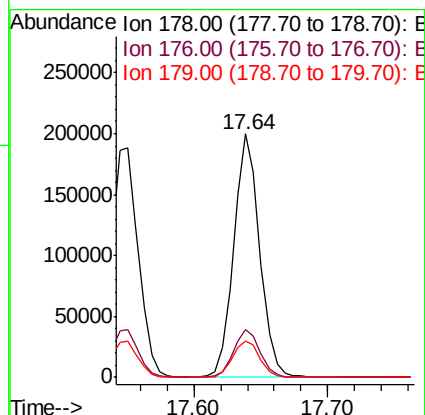
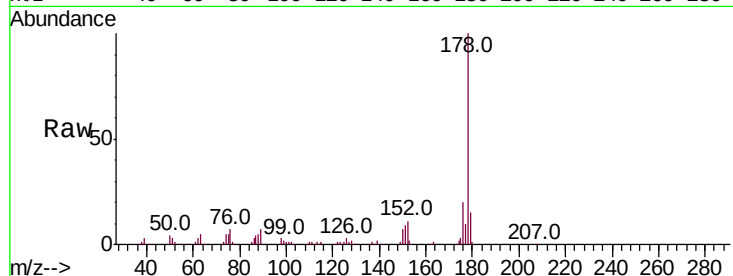




#71
 Anthracene
 Concen: 32.004 ng
 RT: 17.64 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

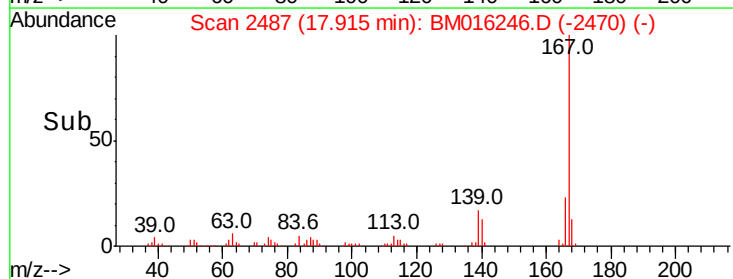
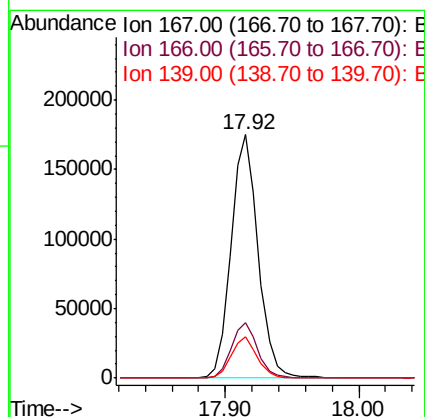
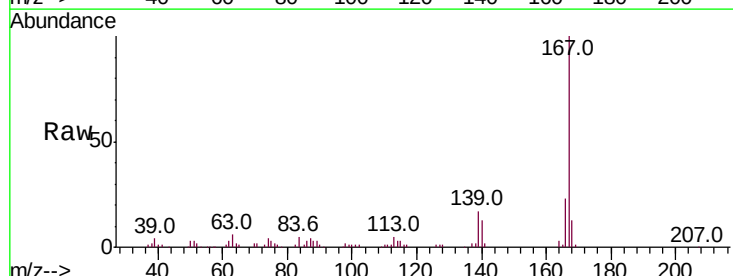
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

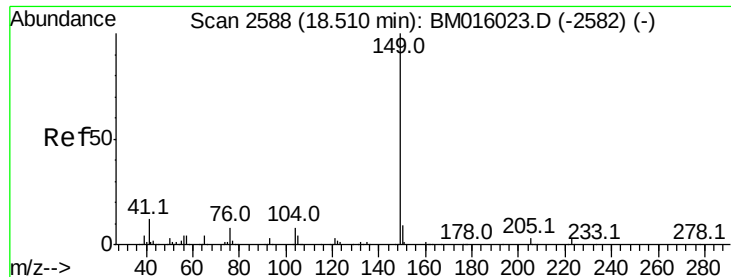
Tot Ion:178 Resp: 270465
 Ion Ratio Lower Upper
 178 100
 176 19.7 14.6 22.0
 179 14.7 12.6 19.0



#72
 Carbazole
 Concen: 28.248 ng
 RT: 17.92 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion:167 Resp: 247310
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.2 25.8
 139 16.9 10.8 16.2#

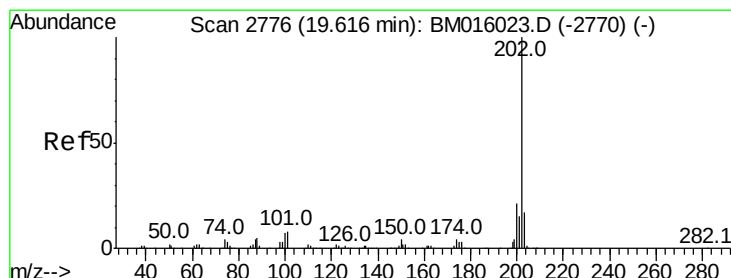
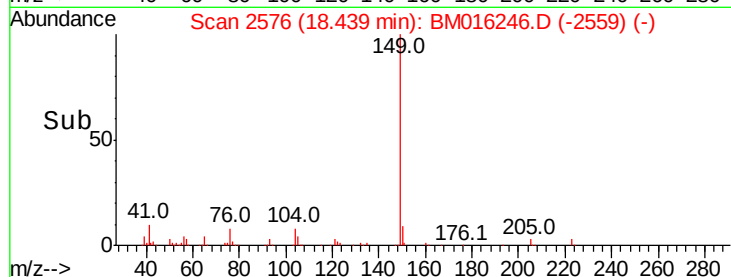
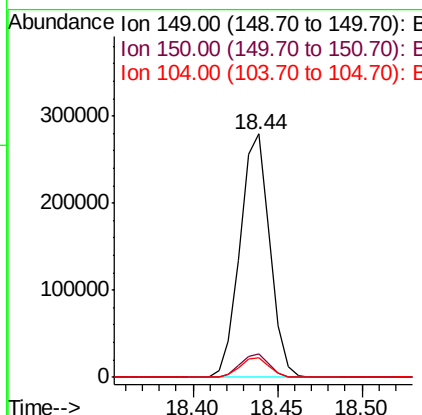
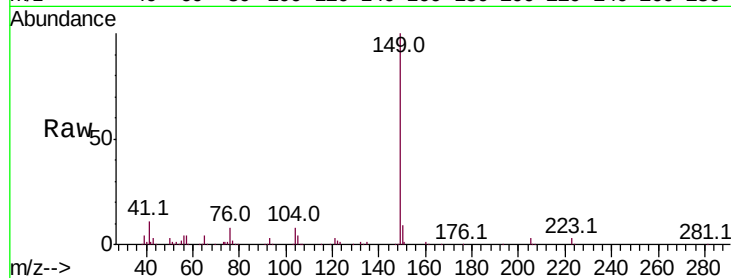




#73
Di-n-butylphthalate
Concen: 31.491 ng
RT: 18.44 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

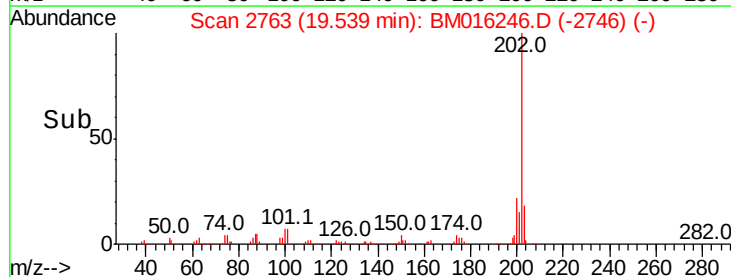
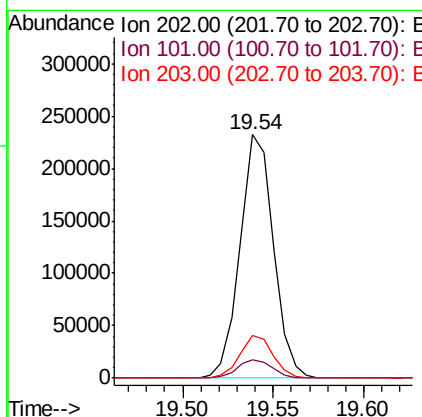
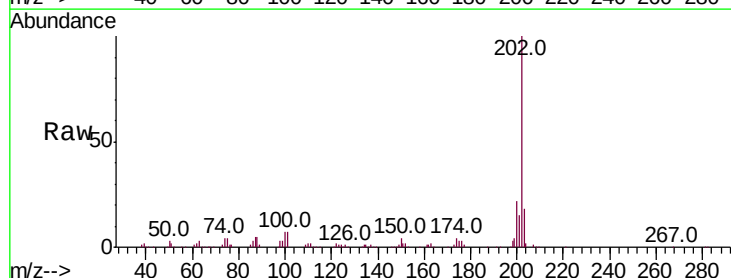
Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

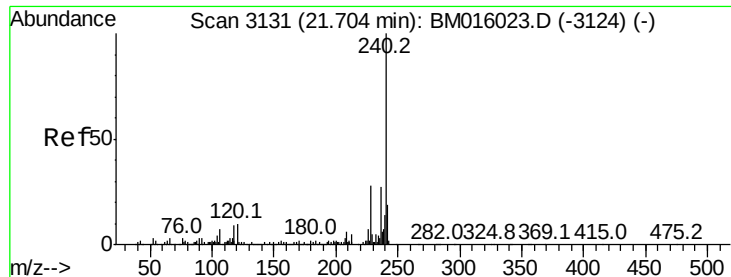
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	7.8	3.7	5.5



#74
Fluoranthene
Concen: 30.787 ng
RT: 19.54 min Scan# 2763
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.7
203	17.6	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

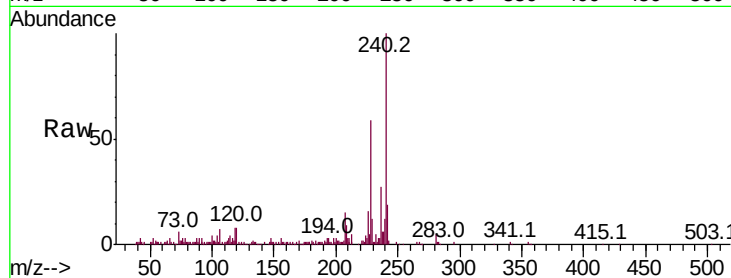
Tot Ion:240 Resp: 159226

Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.2#

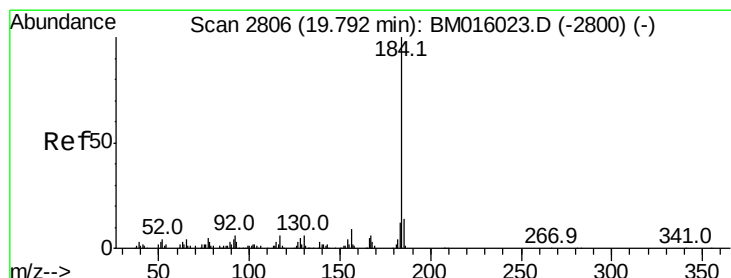
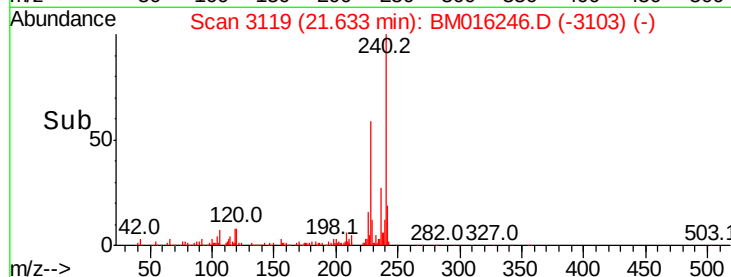
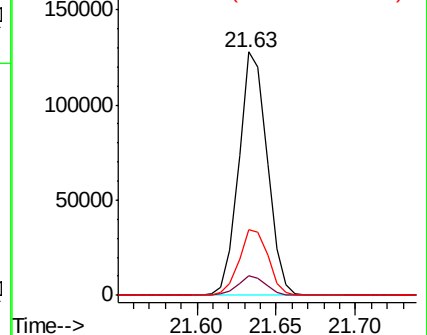
236 27.2 20.0 30.0



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



#76

Benzidine

Concen: 8.633 ng

RT: 19.73 min Scan# 2795

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

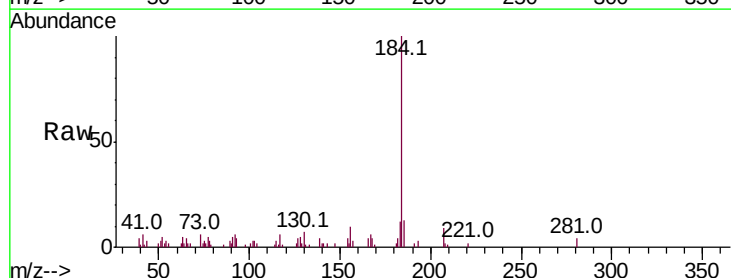
Tgt Ion:184 Resp: 38413

Ion Ratio Lower Upper

184 100

185 13.3 11.3 16.9

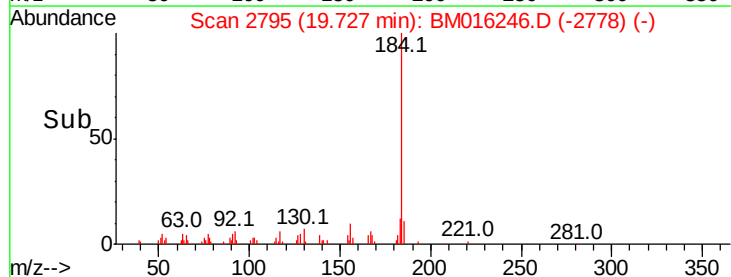
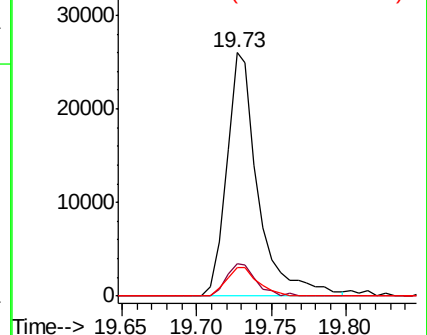
183 11.5 8.9 13.3

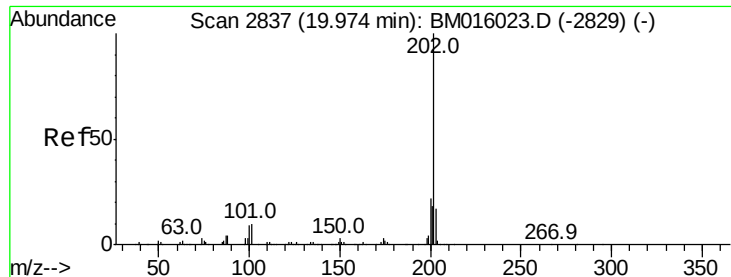


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

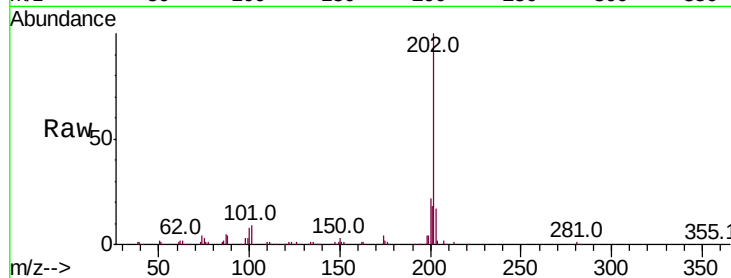




#77
Pvrene
Concen: 31.990 ng
RT: 19.90 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	17.3	14.1	21.1

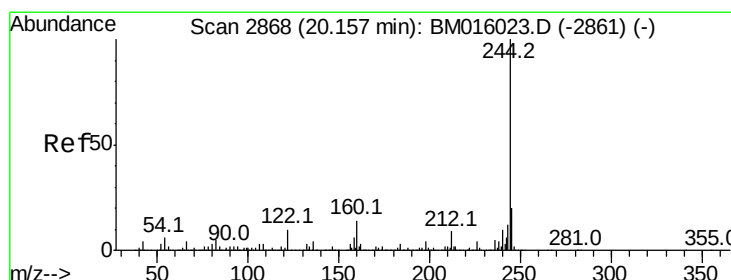
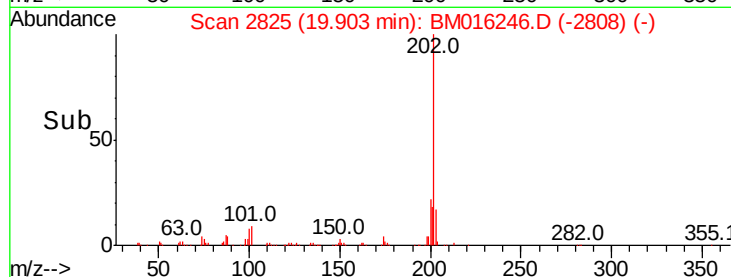
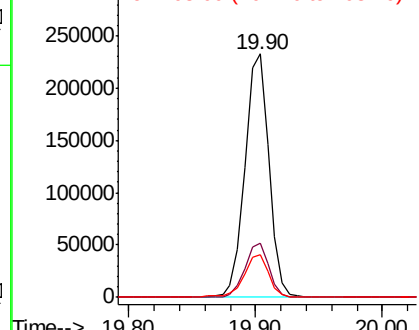


Abundance

Ion 202.00 (201.70 to 202.70): E

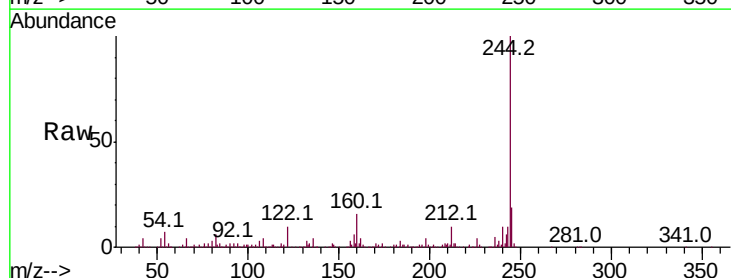
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 31.990 ng
RT: 20.09 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	4.9	7.3#
122	9.9	6.2	9.4#

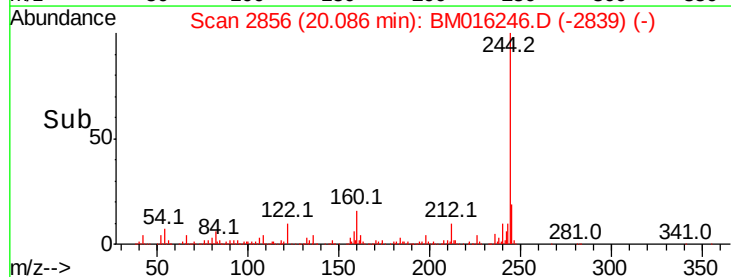
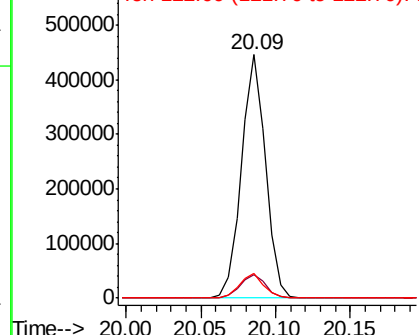


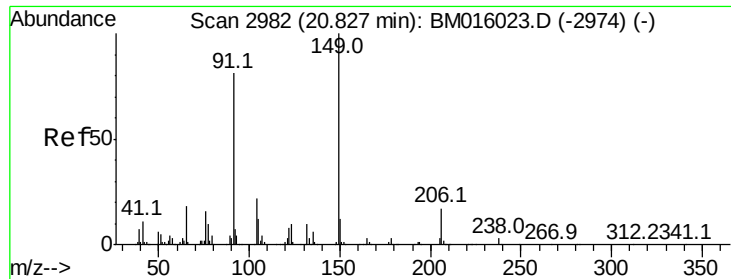
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

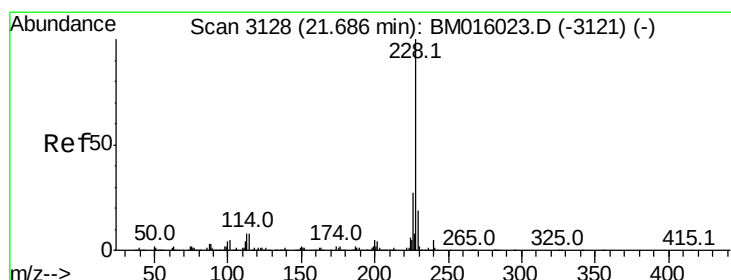
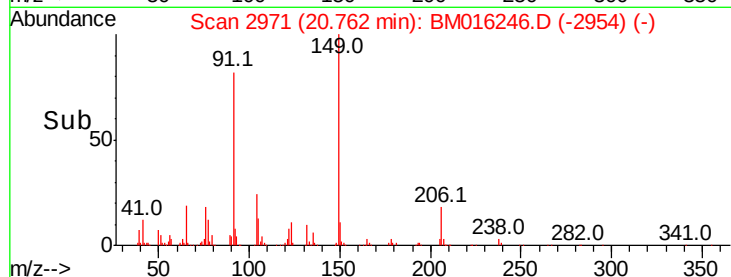
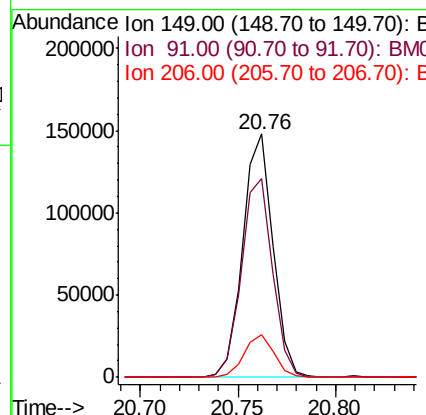
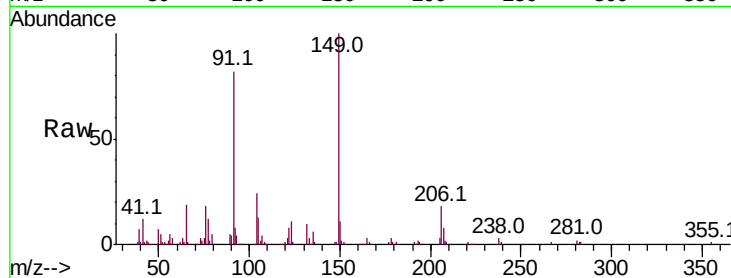




#79
Butylbenzylphthalate
Concen: 32.859 ng
RT: 20.76 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

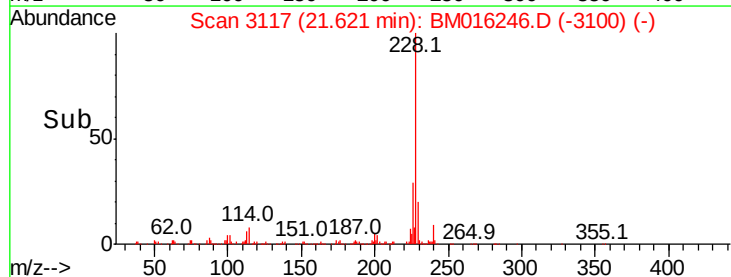
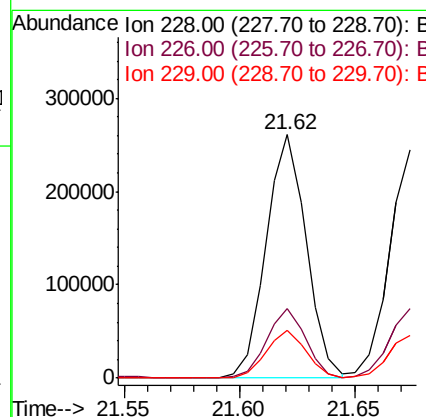
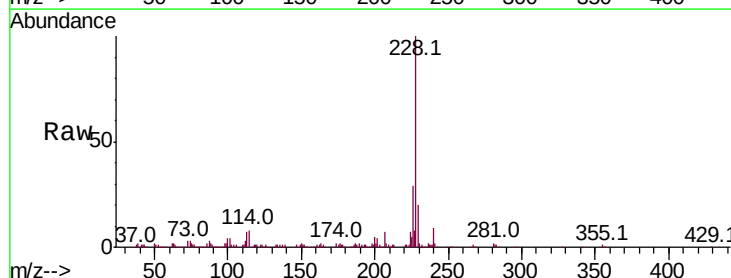
Instrument :
BNA_M
ClientSampleId :
FK-BPM-02-007-ABCDMS

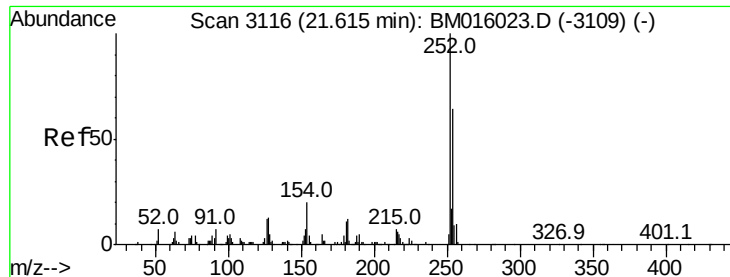
Tot Ion:149 Resp: 159280
Ion Ratio Lower Upper
149 100
91 81.6 50.1 75.1#
206 17.6 16.2 24.2



#80
Benzo(a)anthracene
Concen: 32.104 ng
RT: 21.62 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM016246.D
Acq: 08 Aug 2018 12:47

Tgt Ion:228 Resp: 314844
Ion Ratio Lower Upper
228 100
226 28.6 21.7 32.5
229 19.5 16.0 24.0

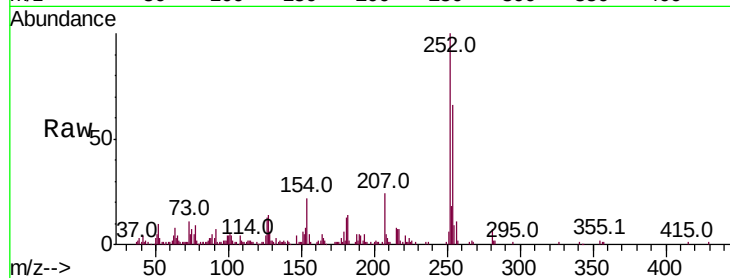




#81
 3,3'-Dichlorobenzidine
 Concen: 23.603 ng
 RT: 21.55 min Scan# 3105
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.9	77.9
126	13.5	9.8	14.8

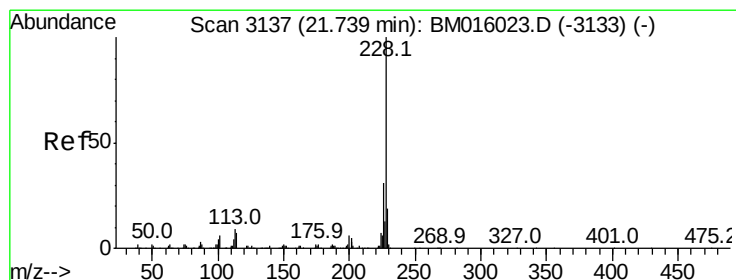
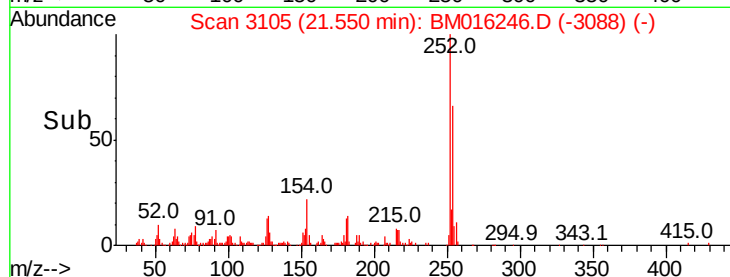
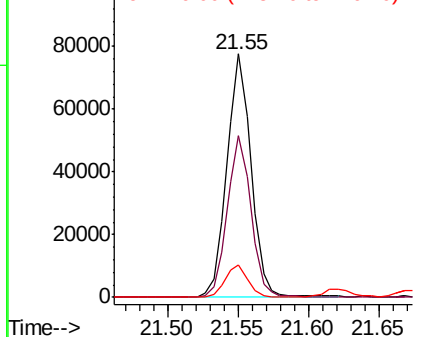


Abundance

Ion 252.00 (251.70 to 252.70): E

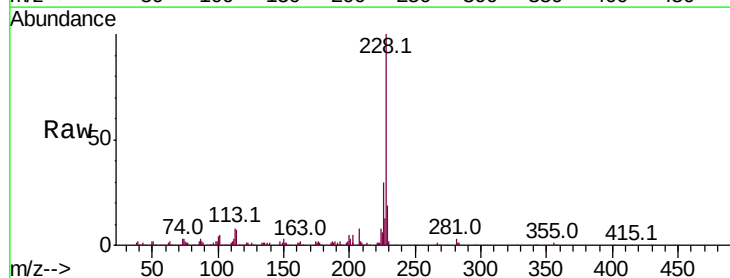
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 31.238 ng
 RT: 21.67 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	18.8	15.5	23.3

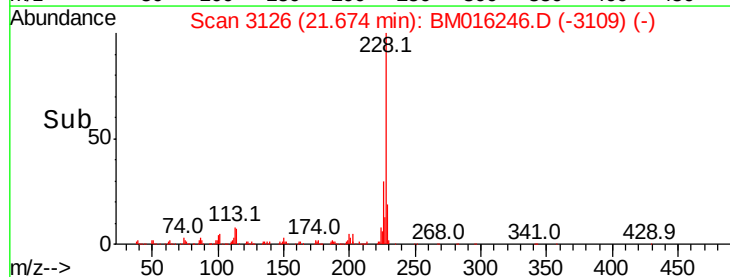
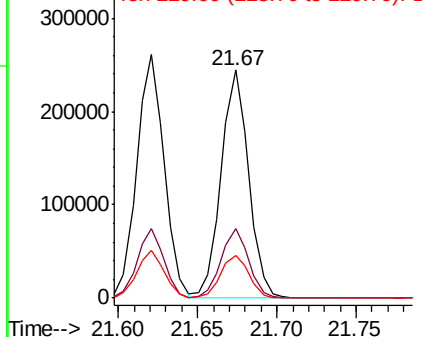


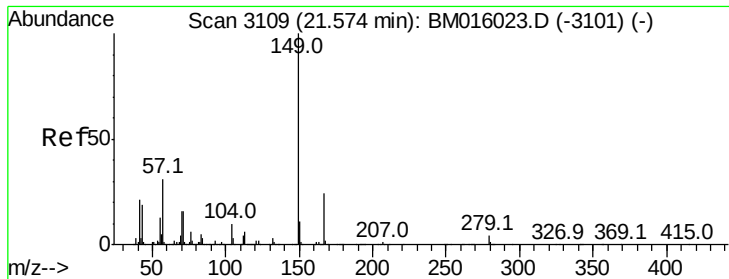
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.841 ng

RT: 21.51 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

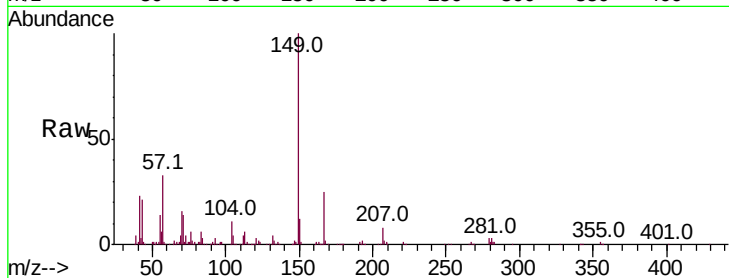
Tot Ion:149 Resp: 230710

Ion Ratio Lower Upper

149 100

167 24.5 22.4 33.6

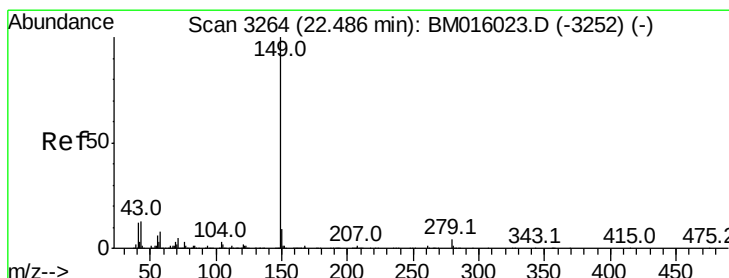
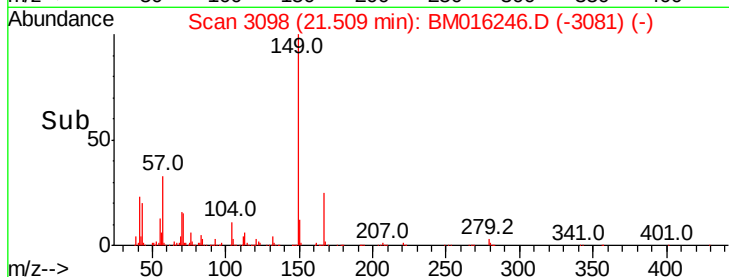
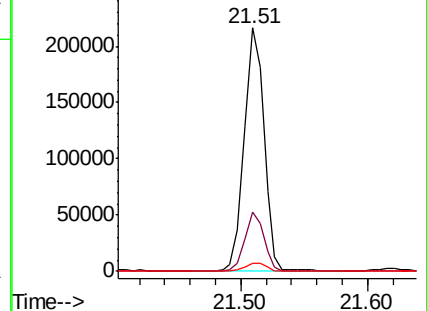
279 3.4 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.242 ng

RT: 22.41 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

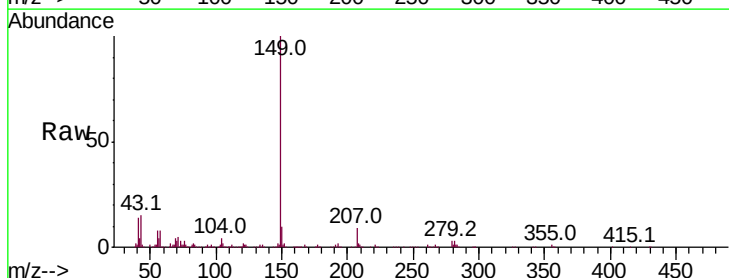
Tgt Ion:149 Resp: 392490

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

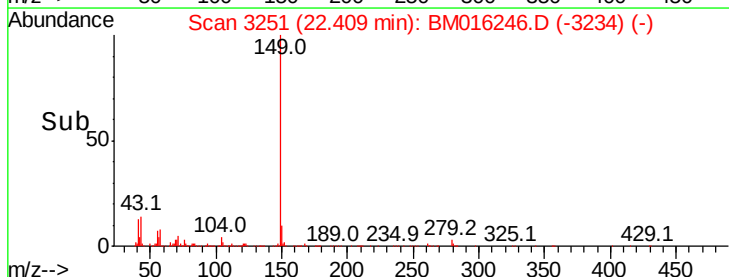
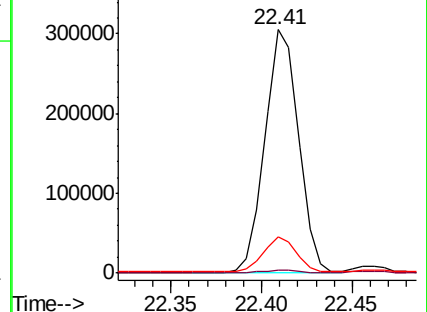
43 14.1 7.3 10.9#

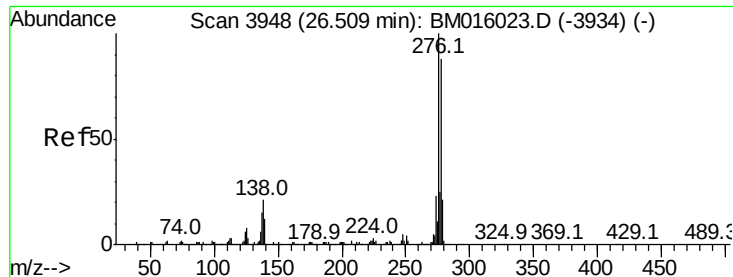


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

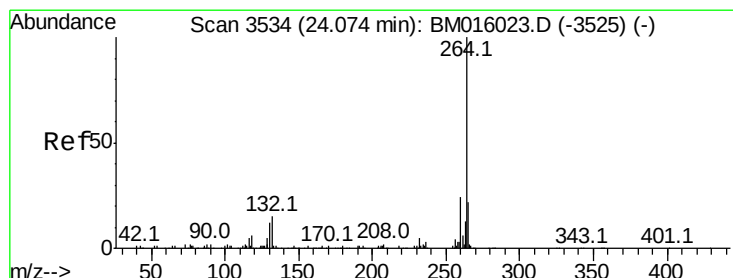
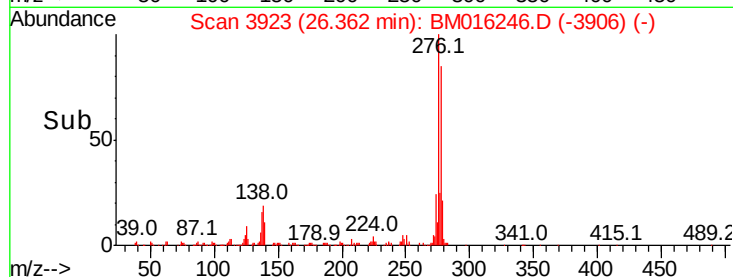
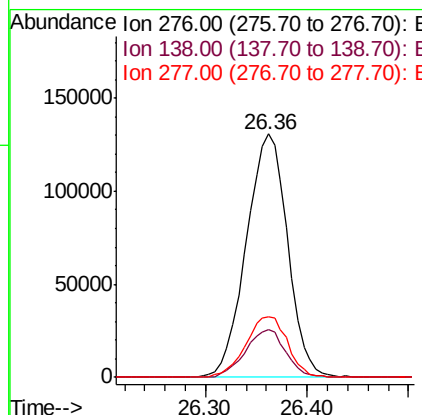
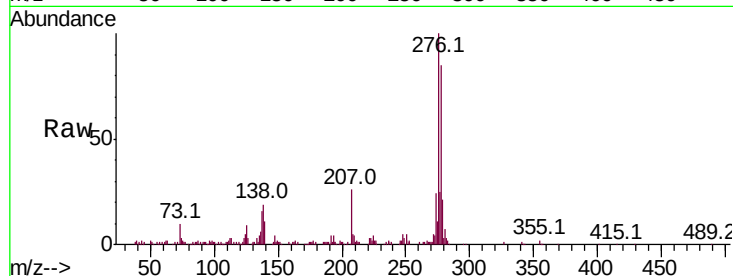




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.182 ng
 RT: 26.36 min Scan# 3923
 Delta R.T. 0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

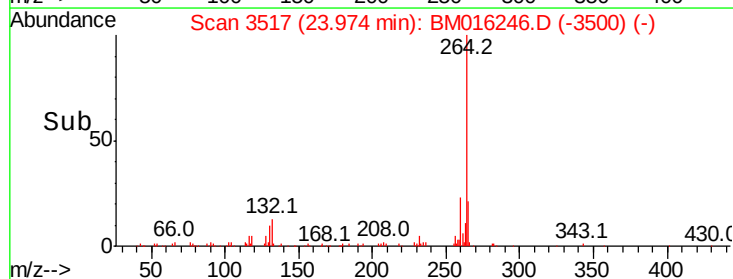
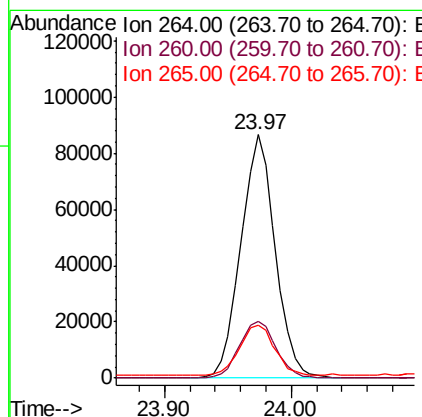
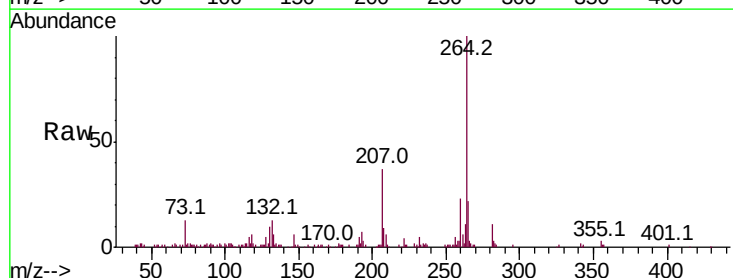
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-02-007-ABCDMS

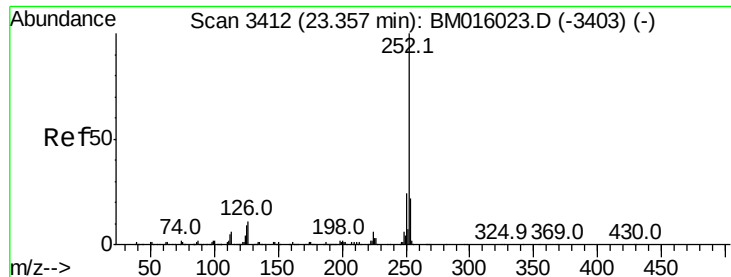
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	12.0	18.0#
277	25.4	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.97 min Scan# 3517
 Delta R.T. -0.00 min
 Lab File: BM016246.D
 Acq: 08 Aug 2018 12:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 33.365 ng

RT: 23.27 min Scan# 3397

Delta R.T. 0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

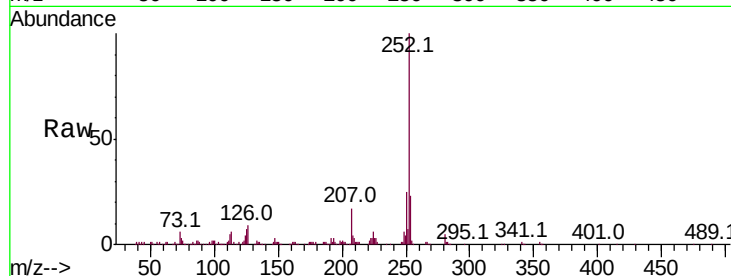
Tot Ion:252 Resp: 319131

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

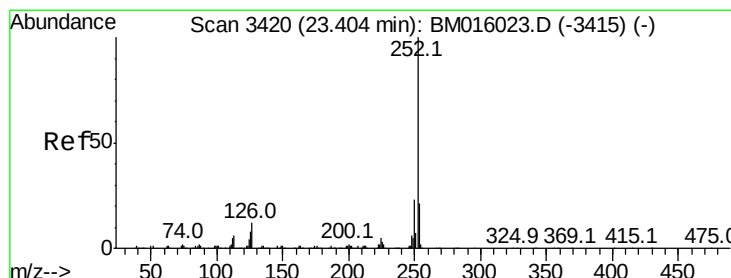
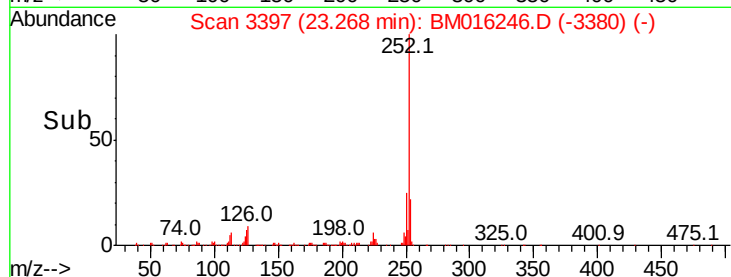
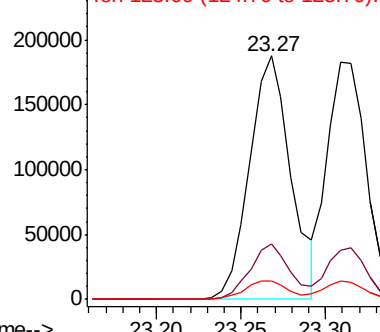
125 7.4 9.9 14.9#



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



#88

Benzo(k)fluoranthene

Concen: 30.408 ng

RT: 23.31 min Scan# 3404

Delta R.T. -0.01 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

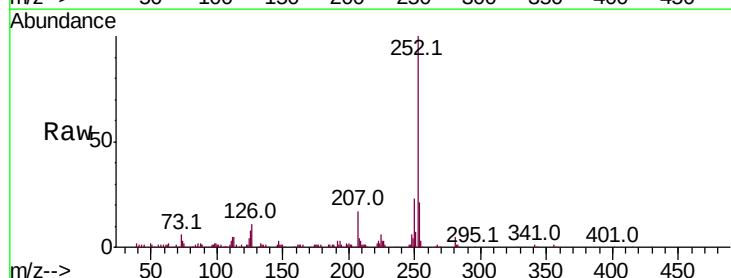
Tgt Ion:252 Resp: 294760

Ion Ratio Lower Upper

252 100

253 20.9 17.2 25.8

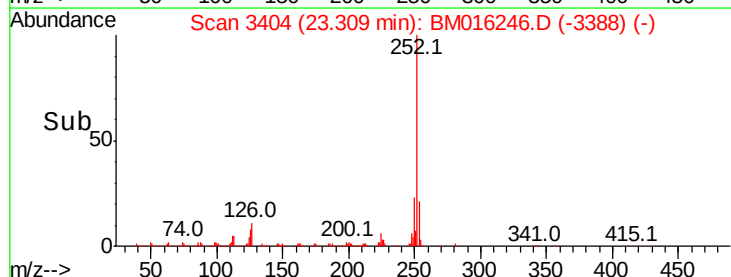
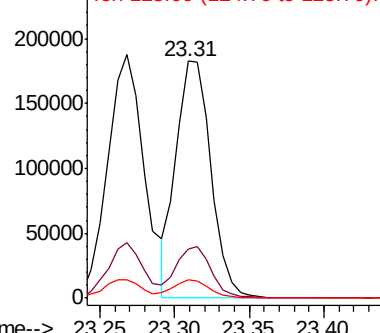
125 7.9 8.1 12.1#

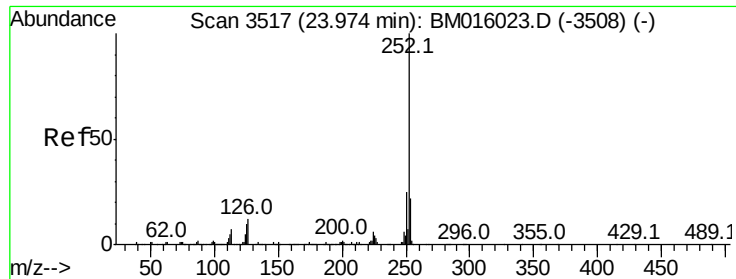


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 32.737 ng

RT: 23.87 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

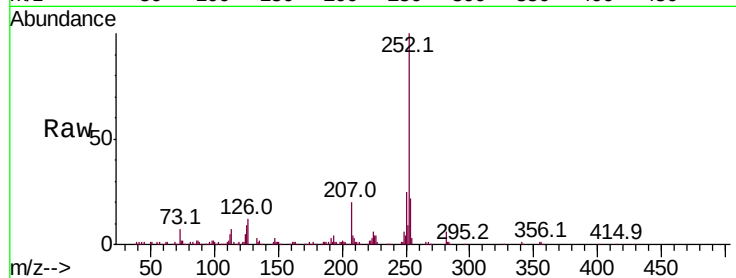
Tot Ion:252 Resp: 301023

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

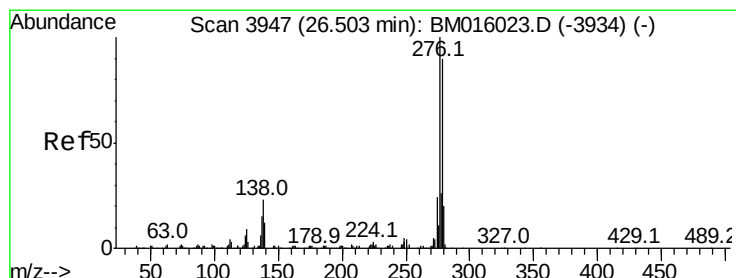
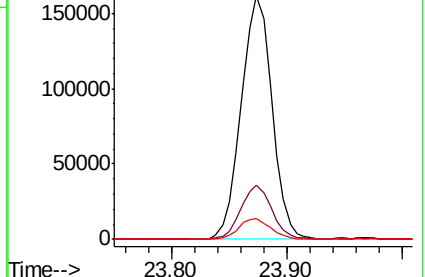
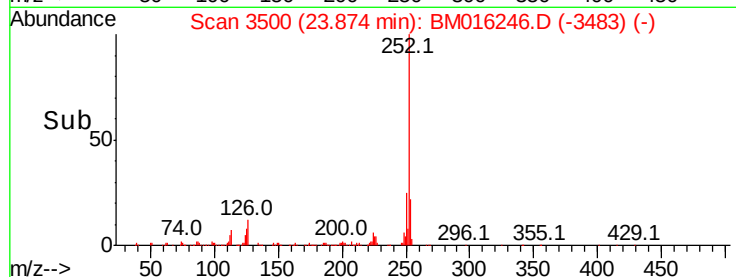
125 8.6 7.4 11.2



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

Dibenzo(a,h)anthracene

Concen: 32.689 ng

RT: 26.36 min Scan# 3923

Delta R.T. 0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

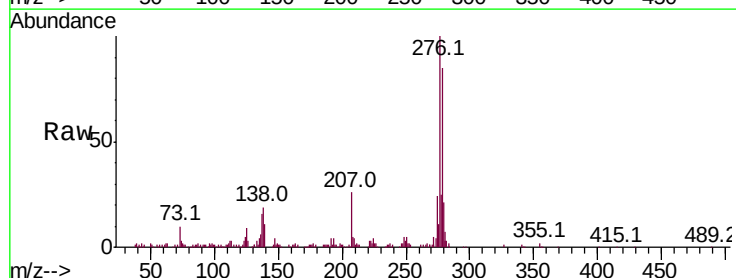
Tgt Ion:278 Resp: 311428

Ion Ratio Lower Upper

278 100

139 13.4 13.4 20.0#

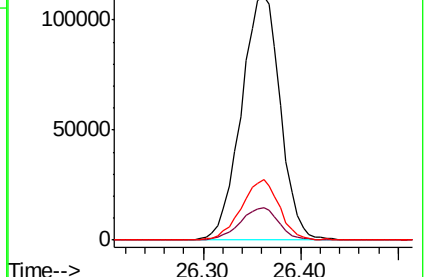
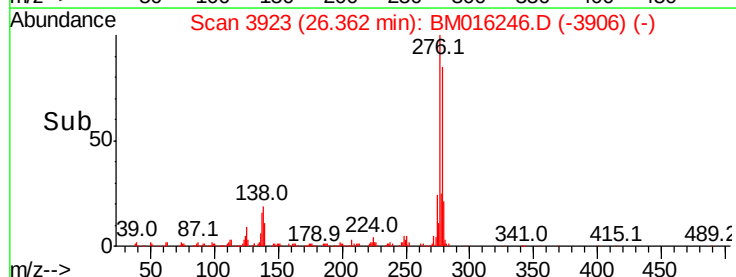
279 24.8 19.0 28.4

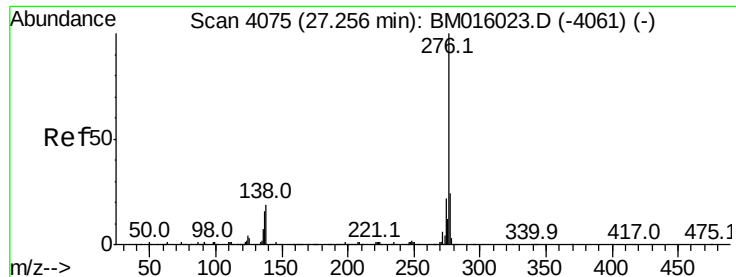


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 32.968 ng

RT: 27.10 min Scan# 4048

Delta R.T. -0.00 min

Lab File: BM016246.D

Acq: 08 Aug 2018 12:47

Instrument :

BNA_M

ClientSampleId :

FK-BPM-02-007-ABCDMS

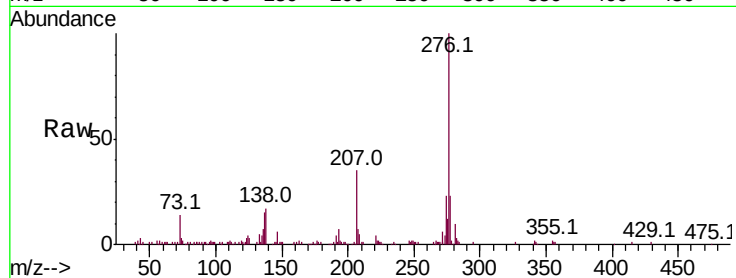
Tot Ion:276 Resp: 297058

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 17.4 19.0 28.6#



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

