

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016502.D
 Acq On : 22 Aug 2018 02:19
 Operator : SJ/JU
 Sample : J4539-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 22 04:04:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	195217	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	678834	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	571212	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1707349	20.00	ng	0.00
75) Chrysene-d12	21.54	240	2003760	20.00	ng	0.00
86) Perylene-d12	23.83	264	1851598	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	1389308	139.46	ng	0.01
7) Phenol-d6	7.20	99	1591469	120.72	ng	0.00
23) Nitrobenzene-d5	9.21	82	1729102	116.30	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	3295288	206.37	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	7520617	126.56	ng	0.00
78) Terphenyl-d14	19.99	244	11908924	125.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	181123	32.910	ng	# 100
3) Pyridine	3.84	79	273064	23.847	ng	# 83
4) n-Nitrosodimethylamine	3.75	42	230711	45.226	ng	# 68
6) Aniline	7.36	93	209049	14.171	ng	92
8) 2-Chlorophenol	7.59	128	527133	44.468	ng	98
9) Benzaldehyde	7.19	77	106947	11.690	ng	84
10) Phenol	7.23	94	456979	35.052	ng	90
11) bis(2-Chloroethyl)ether	7.46	93	407673	41.701	ng	98
12) 1,3-Dichlorobenzene	7.90	146	638892	40.651	ng	# 86
13) 1,4-Dichlorobenzene	8.06	146	647930	40.172	ng	98
14) 1,2-Dichlorobenzene	8.37	146	662360	41.800	ng	98
15) Benzyl Alcohol	8.29	79	487603	39.830	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.55	45	250522	37.216	ng	# 41
17) 2-Methylphenol	8.48	107	401378	42.516	ng	# 75
18) Hexachloroethane	9.08	117	312809	42.098	ng	# 36
19) n-Nitroso-di-n-propylamine	8.85	70	429797	41.584	ng	# 86
20) 3+4-Methylphenols	8.82	107	532670	40.808	ng	# 82
22) Acetophenone	8.87	105	853622	52.221	ng	# 95
24) Nitrobenzene	9.25	77	724919	48.800	ng	94
25) Isophorone	9.77	82	1179086	59.338	ng	# 94
26) 2-Nitrophenol	9.96	139	328195	51.680	ng	# 49
27) 2,4-Dimethylphenol	10.01	122	484786	58.577	ng	# 76
28) bis(2-Chloroethoxy)methane	10.25	93	626593	52.826	ng	# 96
29) 2,4-Dichlorophenol	10.49	162	767380	61.954	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	1178108	62.683	ng	# 94
31) Naphthalene	10.88	128	1737943	53.736	ng	98
32) Benzoic acid	10.25	122	311601	45.000	ng	# 76
33) 4-Chloroaniline	11.03	127	122712	9.015	ng	# 85
34) Hexachlorobutadiene	11.13	225	1082388	60.338	ng	97
35) Caprolactam	11.85	113	85848	28.884	ng	# 61
36) 4-Chloro-3-methylphenol	12.14	107	620715	52.127	ng	92
37) 2-Methylnaphthalene	12.49	142	1604667	63.377	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1769003	54.835	ng	# 100
40) Hexachlorocyclopentadiene	12.80	237	2051429	118.177	ng	98

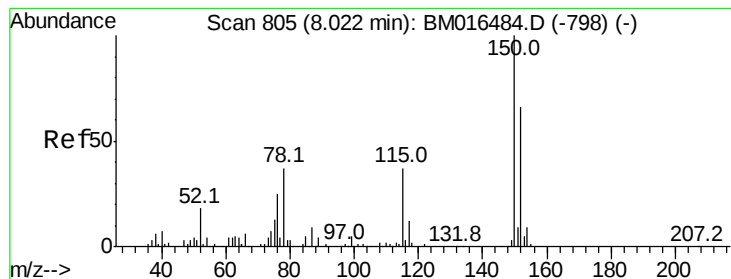
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	1086530	56.322	nq	97
43) 2,4,5-Trichlorophenol	13.10	196	924837	49.078	nq	97
45) 1,1'-Biphenyl	13.49	154	2406083	48.038	nq	98
46) 2-Chloronaphthalene	13.55	162	2007516	49.334	nq	98
47) 2-Nitroaniline	13.77	65	444335	40.996	nq	82
48) Acenaphthylene	14.39	152	3010876	52.418	nq	99
49) Dimethylphthalate	14.13	163	2816583	51.324	nq #	98
50) 2,6-Dinitrotoluene	14.27	165	554426	51.796	nq #	89
51) Acenaphthene	14.73	154	1744128	49.425	nq	95
52) 3-Nitroaniline	14.60	138	186215	19.120	nq #	69
53) 2,4-Dinitrophenol	14.83	184	802017	149.724	nq #	71
54) Dibenzofuran	15.06	168	3780529	55.964	nq	98
55) 4-Nitrophenol	14.92	139	485923	78.223	nq #	82
56) 2,4-Dinitrotoluene	15.07	165	947526	53.086	nq #	83
57) Fluorene	15.71	166	3019656	59.172	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	1042692	57.570	nq #	100
59) Diethylphthalate	15.48	149	2671334	46.685	nq	94
60) 4-Chlorophenyl-phenylether	15.70	204	2339460	54.666	nq #	86
61) 4-Nitroaniline	15.77	138	339430	35.660	nq #	1
62) Azobenzene	15.99	77	2677495	43.932	nq	87
64) 4,6-Dinitro-2-methylphenol	15.83	198	639346	49.283	nq #	55
65) n-Nitrosodiphenylamine	15.92	169	2486909	51.777	nq	99
66) 4-Bromophenyl-phenylether	16.59	248	1436442	54.755	nq	99
67) Hexachlorobenzene	16.71	284	1642526	53.688	nq	96
68) Atrazine	16.87	200	1138854	51.955	nq	90
69) Pentachlorophenol	17.06	266	1587882	98.094	nq	100
70) Phenanthrene	17.44	178	5031417	57.016	nq	99
71) Anthracene	17.54	178	5145244	58.717	nq	98
72) Carbazole	17.82	167	3646689	46.308	nq	98
73) Di-n-butylphthalate	18.34	149	4519276	47.073	nq #	97
74) Fluoranthene	19.44	202	6974916	53.907	nq	94
76) Benzidine	19.64	184	164737	4.275	nq	97
77) Pyrene	19.80	202	6968287	63.990	nq	99
79) Butylbenzylphthalate	20.67	149	1966805	52.325	nq #	83
80) Benzo(a)anthracene	21.53	228	6624648	56.235	nq	99
81) 3,3'-Dichlorobenzidine	21.46	252	1111745	21.201	nq #	95
82) Chrysene	21.59	228	6099323	54.264	nq	98
83) Bis(2-ethylhexyl)phthalate	21.42	149	2806348	50.221	nq #	97
84) Di-n-octyl phthalate	22.31	149	4436827	47.779	nq #	92
85) Indeno(1,2,3-cd)pyrene	26.16	276	7473695	46.235	nq #	92
87) Benzo(b)fluoranthene	23.14	252	6726134	63.017	nq #	90
88) Benzo(k)fluoranthene	23.19	252	6124462	56.394	nq #	93
89) Benzo(a)pyrene	23.74	252	6032184	58.083	nq #	94
90) Dibenzo(a,h)anthracene	26.16	278	6365714	54.692	nq #	88
91) Benzo(g,h,i)perylene	26.87	276	5741386	54.953	nq #	81

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

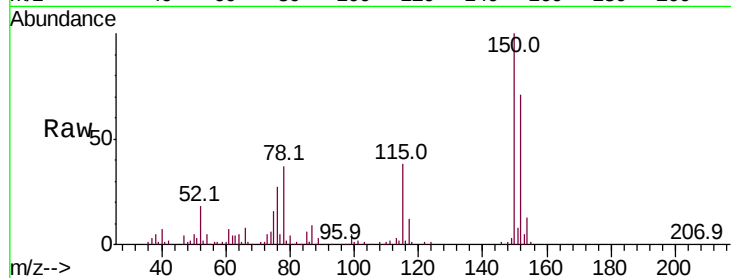


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.3	119.5	179.3
115	53.9	43.0	64.4

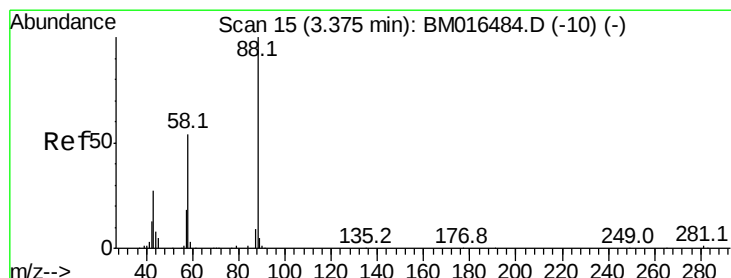
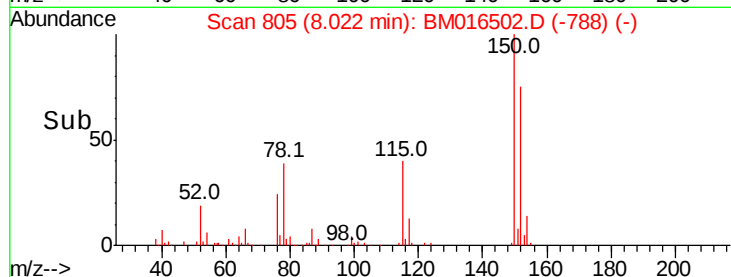
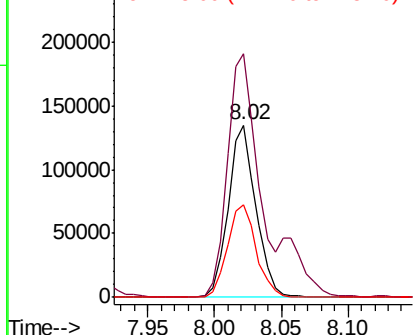


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

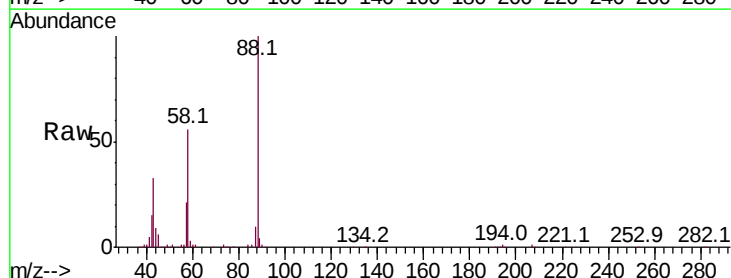
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.910 ng
RT: 3.40 min Scan# 20
Delta R.T. 0.03 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	51.9	0.0	0.0#
43	31.6	0.0	0.0#

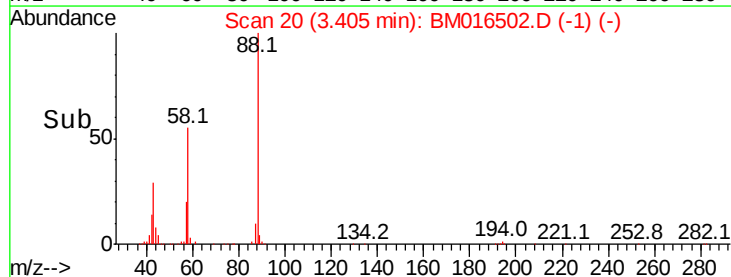
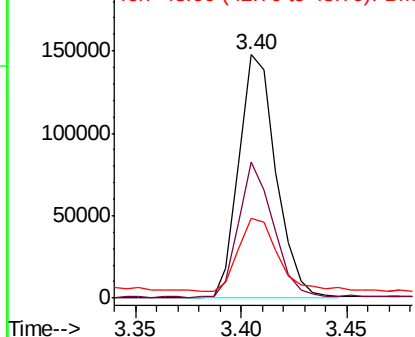


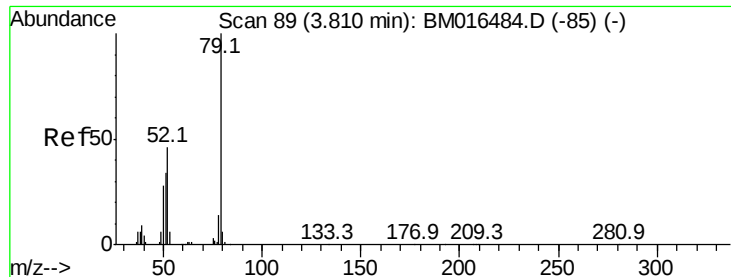
Abundance

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: 23.847 ng

RT: 3.84 min Scan# 94

Delta R.T. 0.03 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

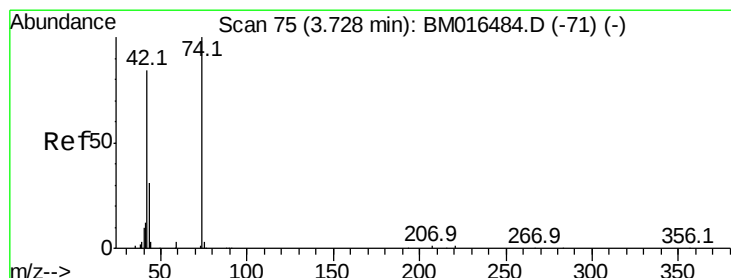
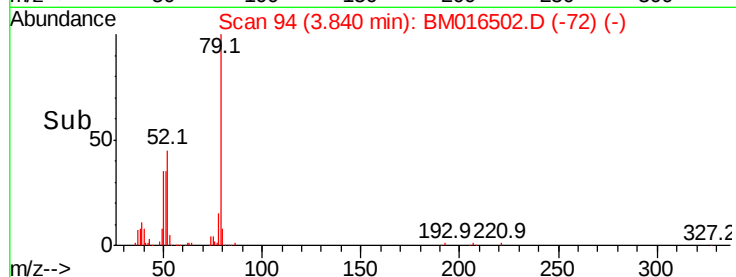
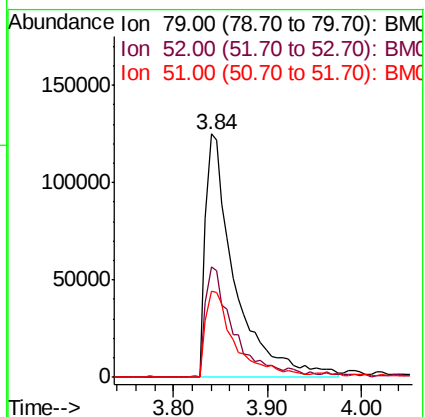
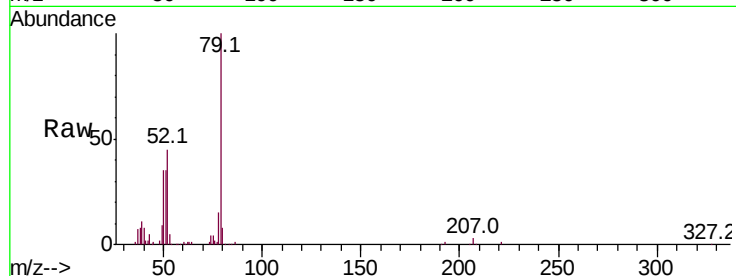
Tot Ion: 79 Resp: 273064

Ion Ratio Lower Upper

79 100

52 45.5 51.1 76.7#

51 35.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 45.226 ng

RT: 3.75 min Scan# 78

Delta R.T. 0.02 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

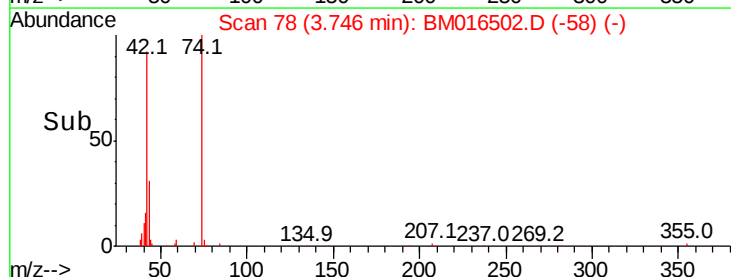
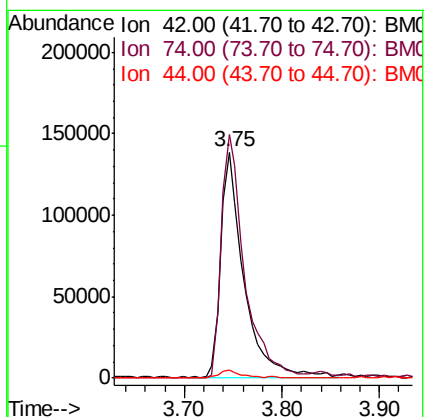
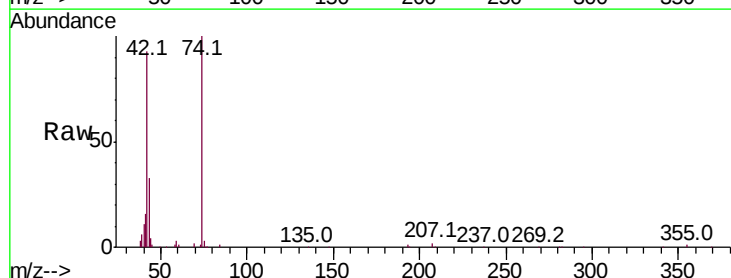
Tgt Ion: 42 Resp: 230711

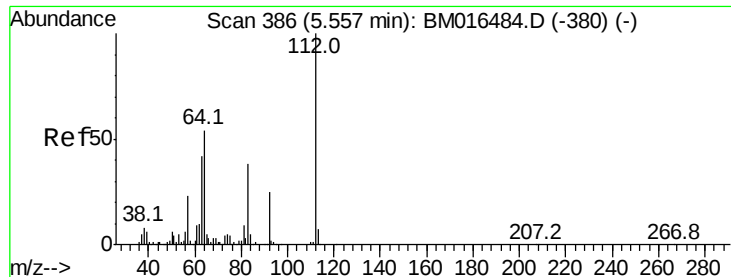
Ion Ratio Lower Upper

42 100

74 107.7 119.3 178.9#

44 3.8 5.4 8.2#





#5

2-Fluorophenol

Concen: 45.226 ng

RT: 5.57 min Scan# 388

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

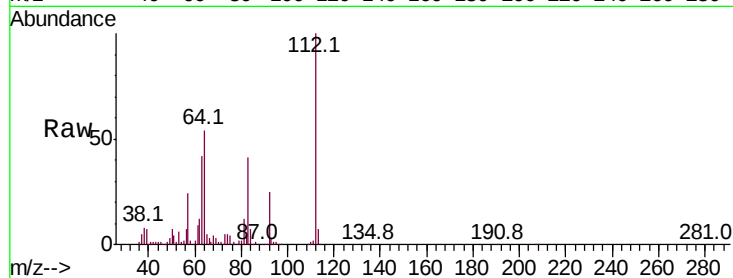
Tot Ion:112 Resp: 1389308

Ion Ratio Lower Upper

112 100

64 53.6 38.6 57.8

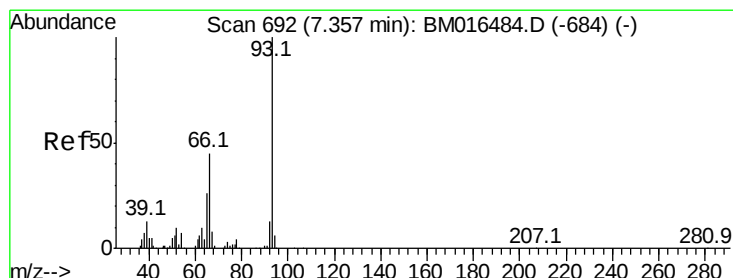
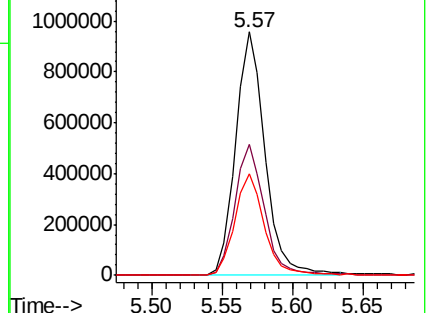
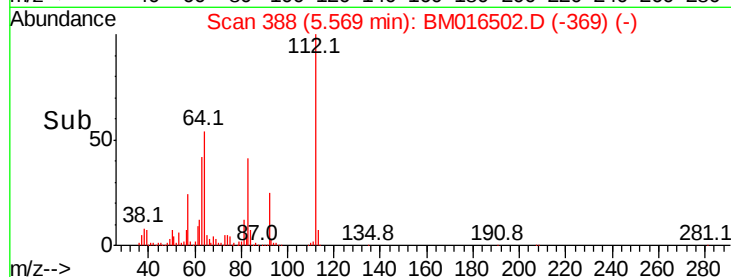
63 41.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 14.171 ng

RT: 7.36 min Scan# 693

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

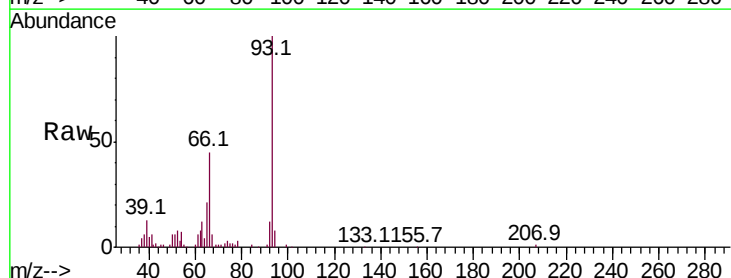
Tgt Ion: 93 Resp: 209049

Ion Ratio Lower Upper

93 100

66 45.0 30.8 46.2

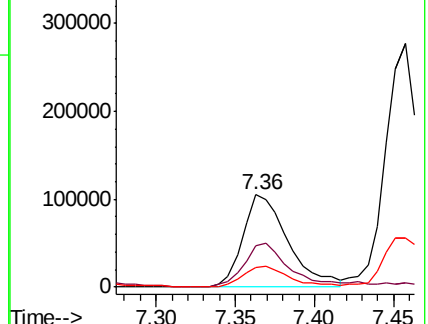
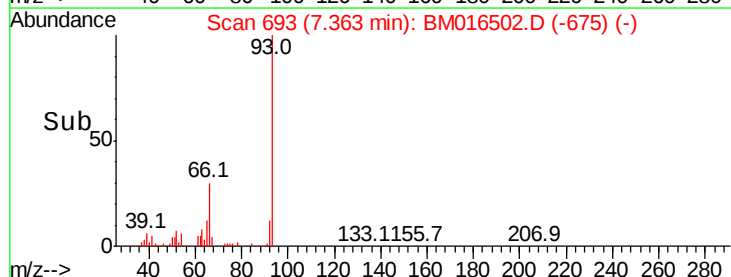
65 21.5 16.0 24.0

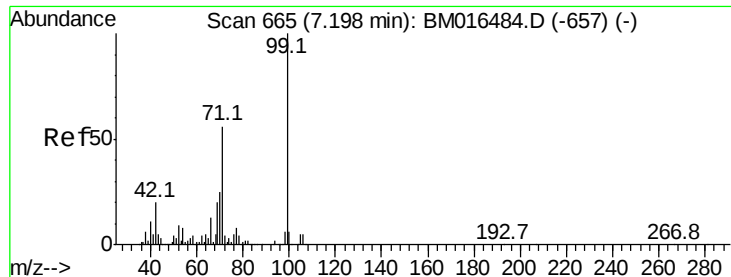


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 14.171 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampled :

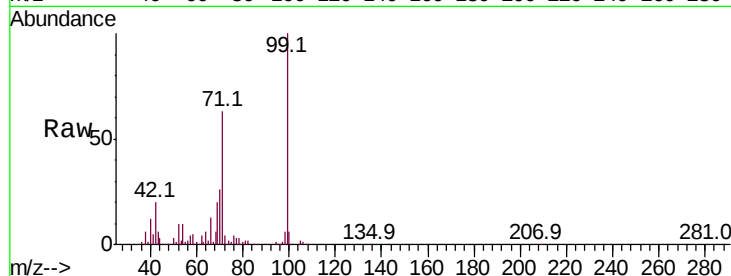
Tot Ion: 99 Resp: 1591469

Ion Ratio Lower Upper

99 100

42 20.5 11.0 16.4#

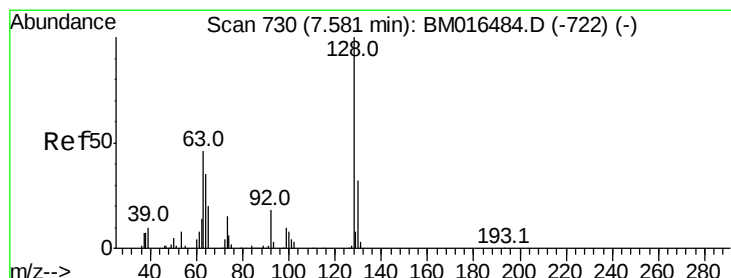
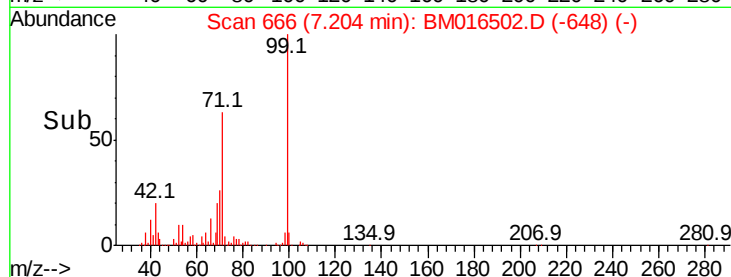
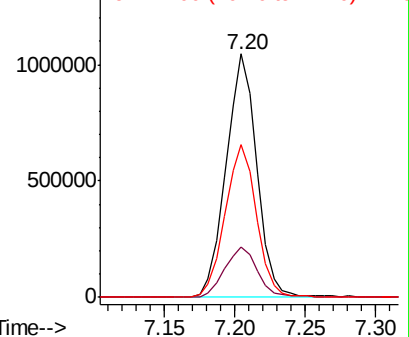
71 62.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)



#8

2-Chlorophenol

Concen: 44.468 ng

RT: 7.59 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

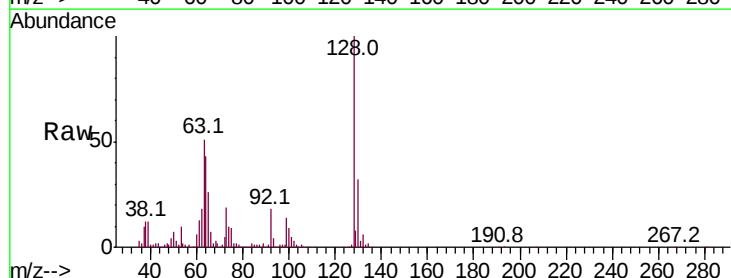
Tgt Ion: 128 Resp: 527133

Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

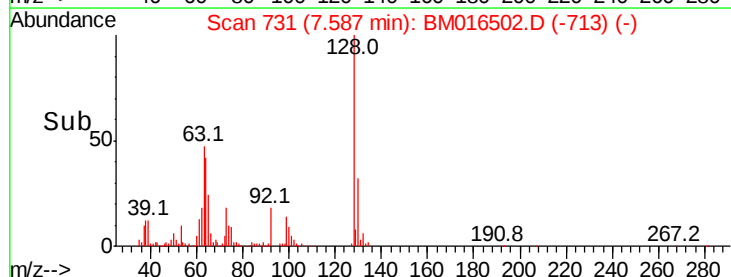
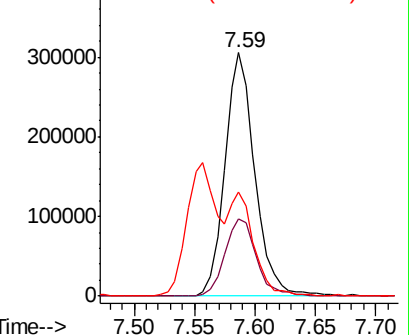
64 42.5 24.9 64.9

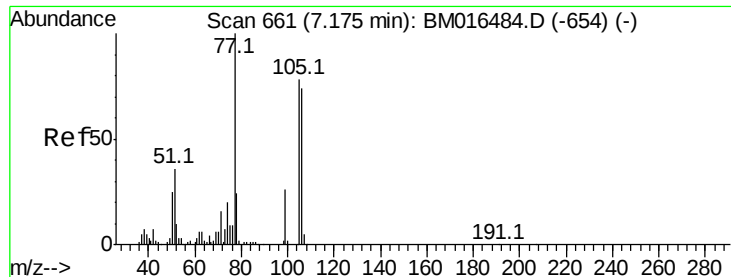


Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016484.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016484.D (-722) (-)





#9

Benzaldehyde

Concen: 11.690 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampled :

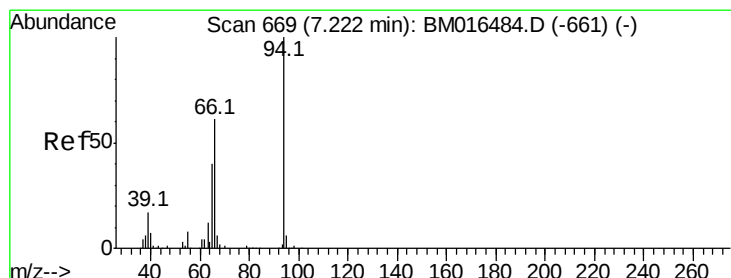
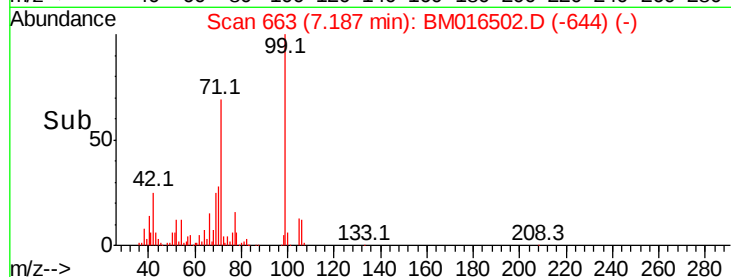
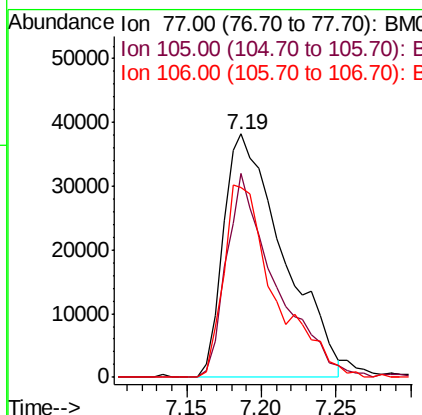
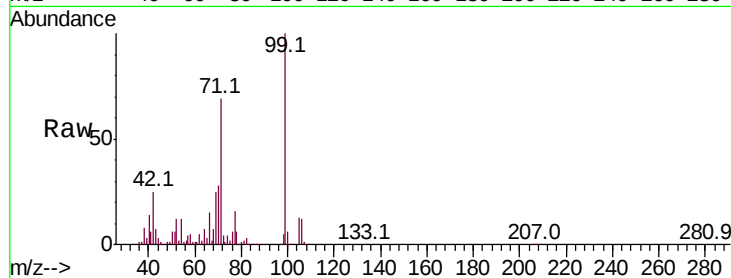
Tot Ion: 77 Resp: 106947

Ion Ratio Lower Upper

77 100

105 83.6 78.8 118.8

106 78.2 73.7 113.7



#10

Phenol

Concen: 35.052 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

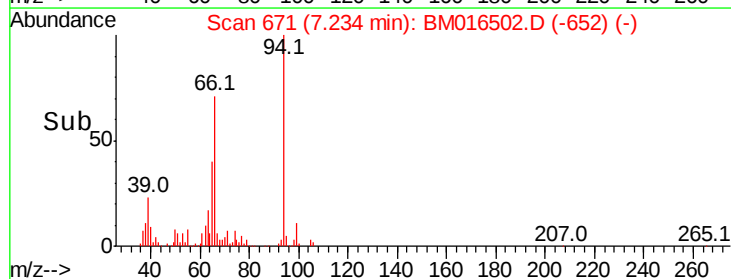
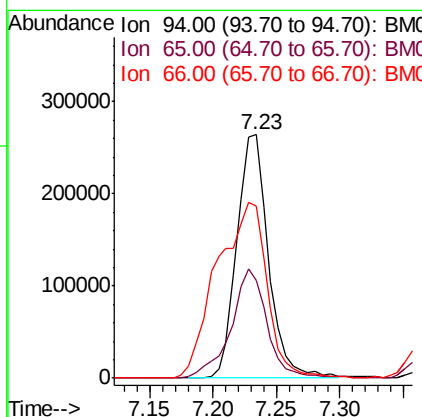
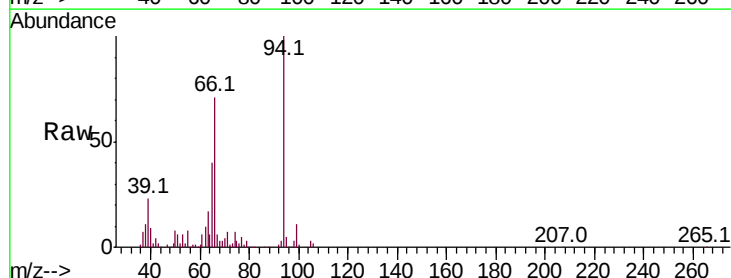
Tgt Ion: 94 Resp: 456979

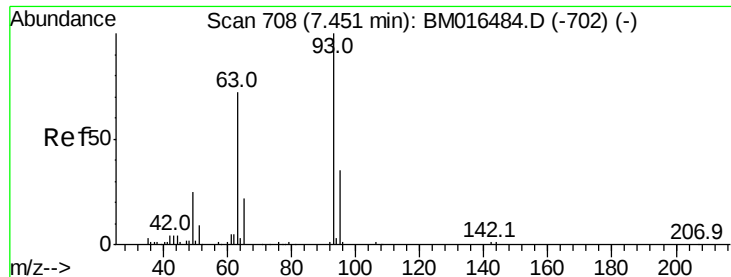
Ion Ratio Lower Upper

94 100

65 40.1 18.8 58.8

66 70.9 39.9 79.9

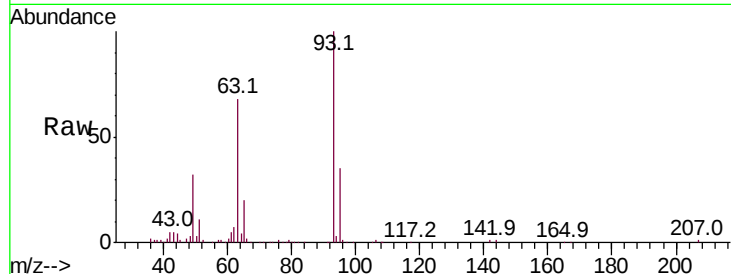




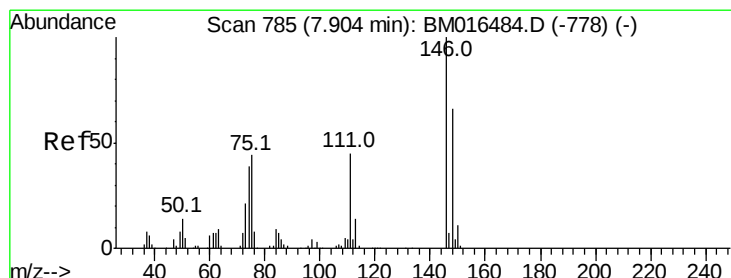
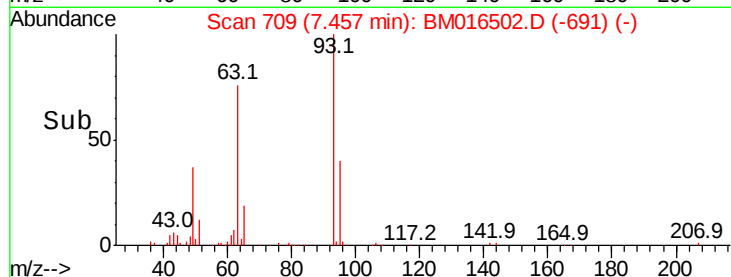
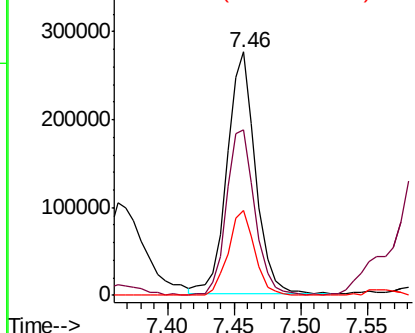
#11
bis(2-Chloroethyl)ether
Concen: 41.701 ng
RT: 7.46 min Scan# 709
Delta R.T. 0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 93 Resp: 407673
Ion Ratio Lower Upper
93 100
63 67.8 49.5 89.5
95 34.7 13.5 53.5

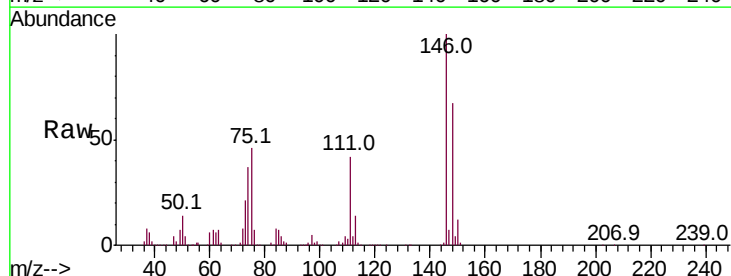


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 63.00 (62.70 to 63.70): BM0
Ion 95.00 (94.70 to 95.70): BM0

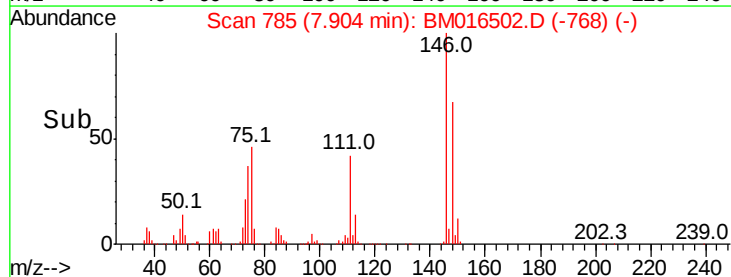
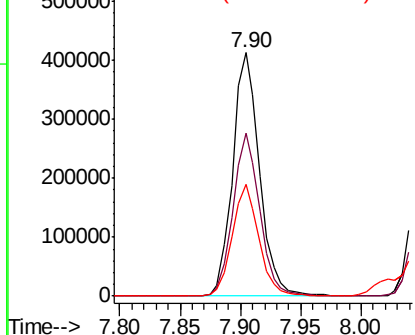


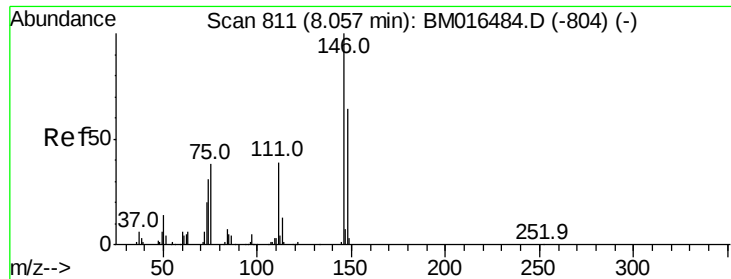
#12
1,3-Dichlorobenzene
Concen: 40.651 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion: 146 Resp: 638892
Ion Ratio Lower Upper
146 100
148 66.8 50.9 76.3
75 45.8 21.4 32.2#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BM0

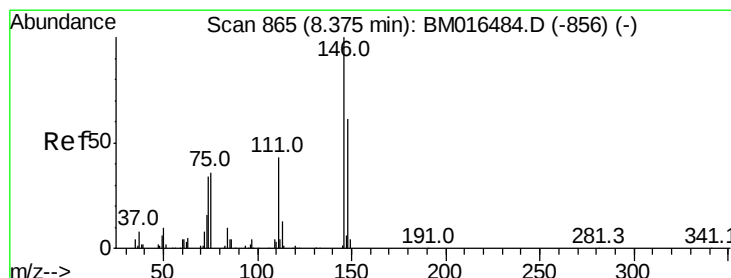
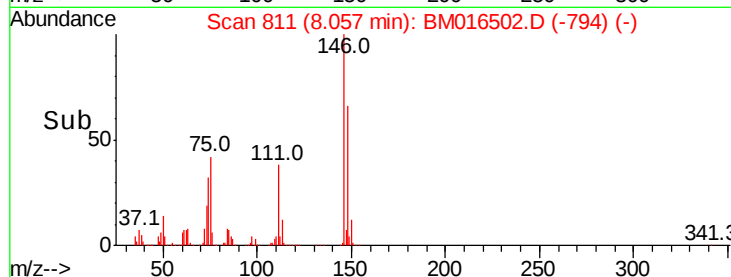
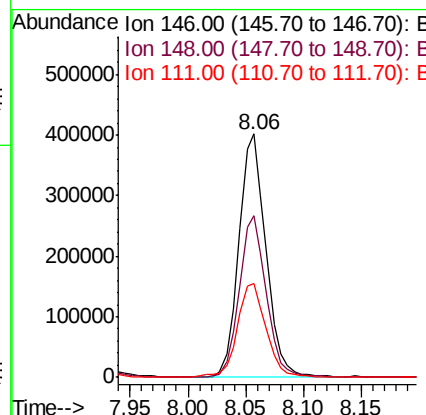
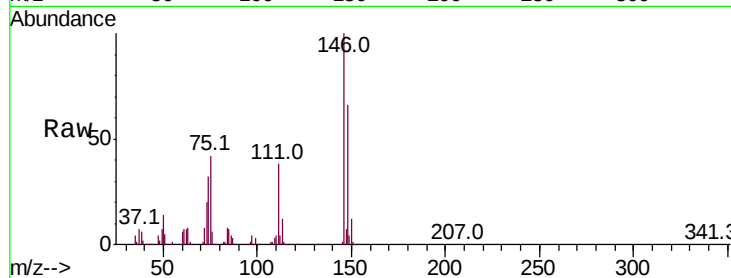




#13
 1,4-Dichlorobenzene
 Concen: 40.172 ng
 RT: 8.06 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

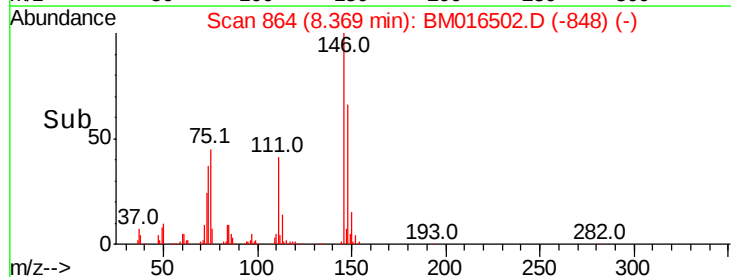
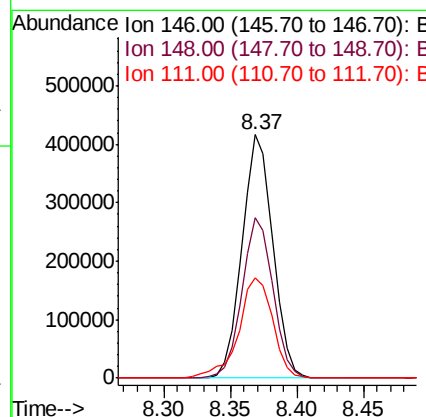
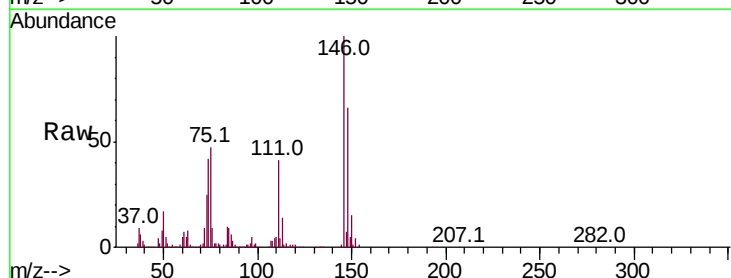
Instrument :
 BNA_M
 ClientSampleId :

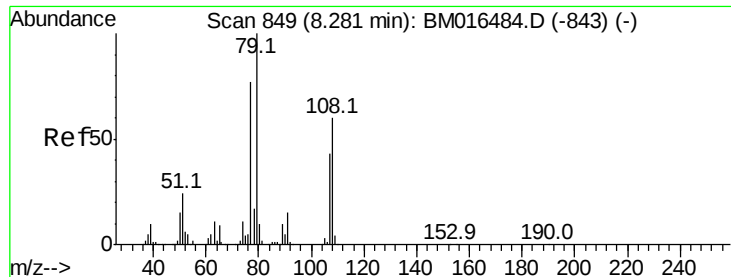
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.9	77.9
111	38.5	29.2	43.8



#14
 1,2-Dichlorobenzene
 Concen: 41.800 ng
 RT: 8.37 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.3	78.5
111	41.2	30.6	45.8





#15

Benzyl Alcohol

Concen: 39.830 ng

RT: 8.29 min Scan# 850

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

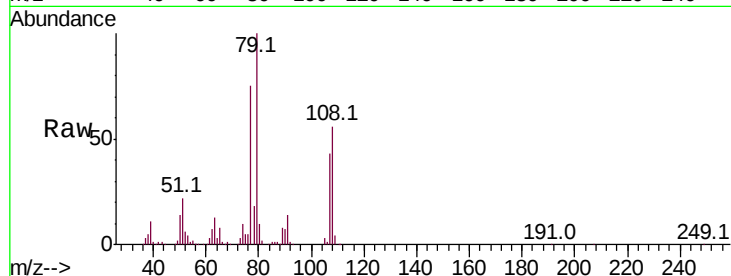
Tot Ion: 79 Resp: 487603

Ion Ratio Lower Upper

79 100

108 55.9 65.0 97.4#

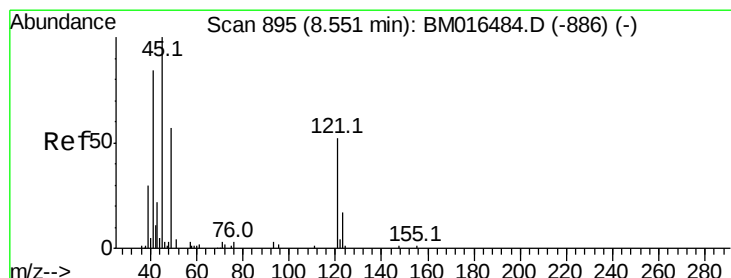
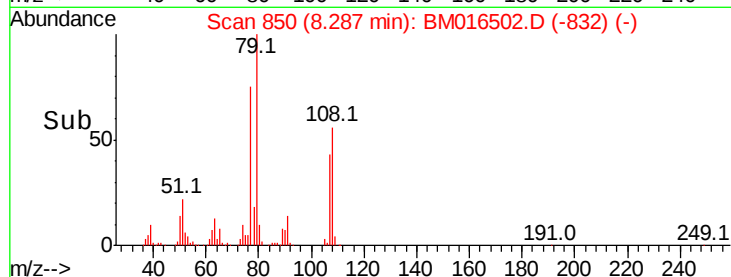
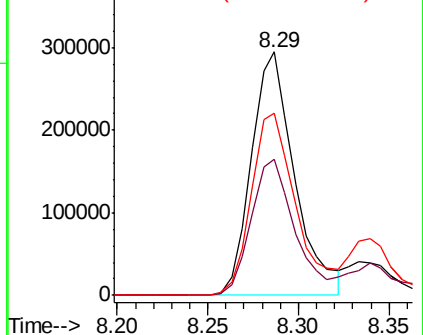
77 74.7 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.216 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

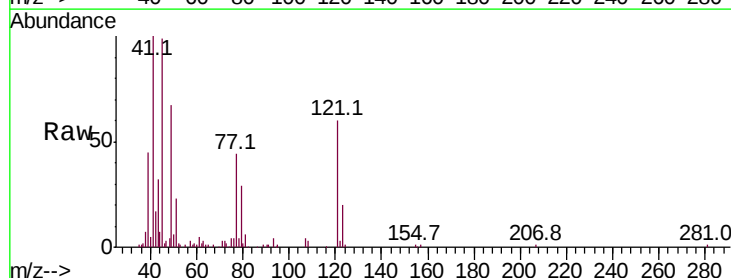
Tgt Ion: 45 Resp: 250522

Ion Ratio Lower Upper

45 100

77 44.3 0.0 35.2#

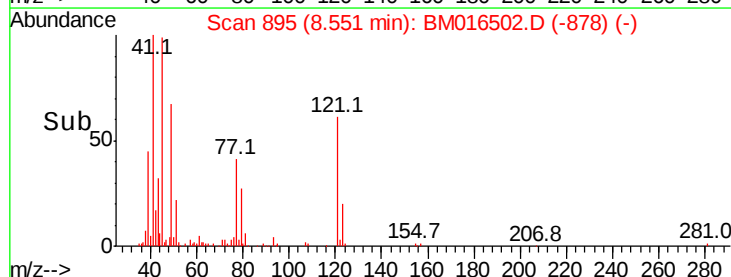
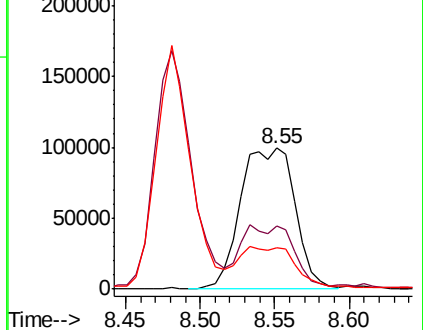
79 29.4 0.0 32.0

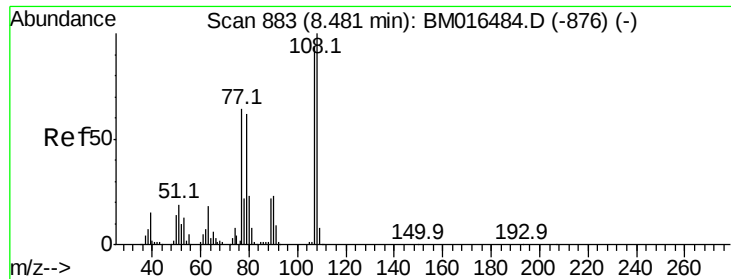


Abundance Ion 45.00 (44.70 to 45.70): BM016484.D (-886) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-886) (-)

Ion 79.00 (78.70 to 79.70): BM016484.D (-886) (-)





#17

2-Methylphenol

Concen: 42.516 ng

RT: 8.48 min Scan# 883

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 401378

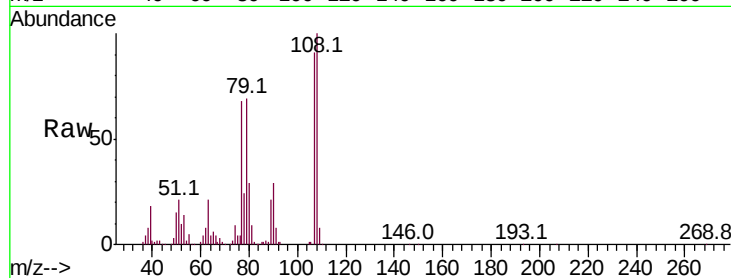
Ion Ratio Lower Upper

107 100

108 109.7 89.8 134.8

77 74.3 32.6 48.8#

79 76.0 32.8 49.2#



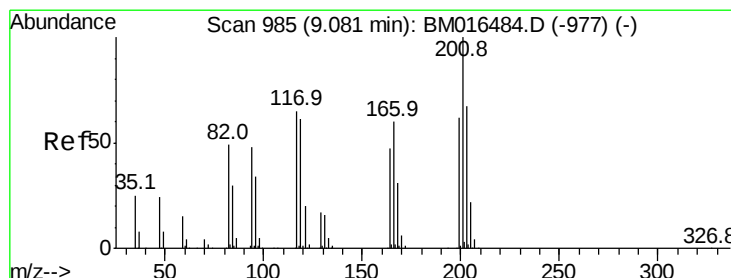
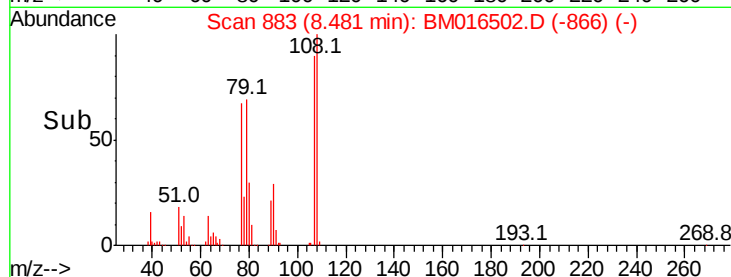
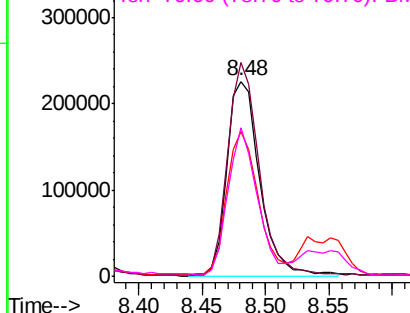
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 42.098 ng

RT: 9.08 min Scan# 985

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

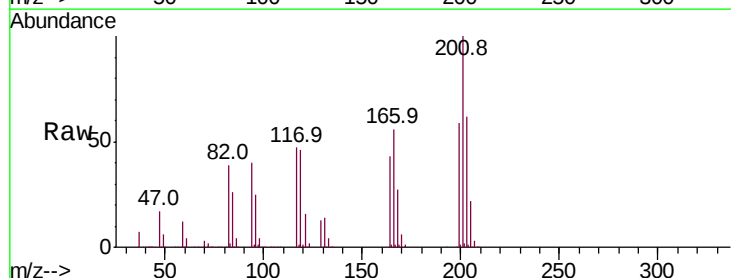
Tgt Ion:117 Resp: 312809

Ion Ratio Lower Upper

117 100

119 97.1 79.2 118.8

201 211.5 69.8 104.6#

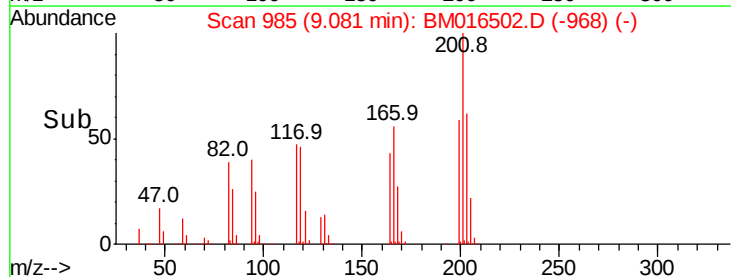
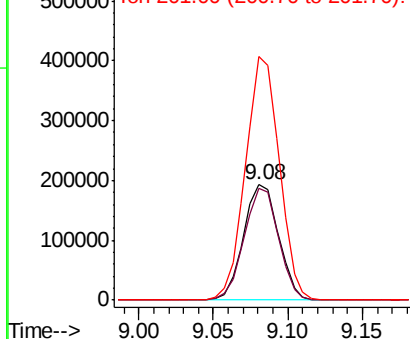


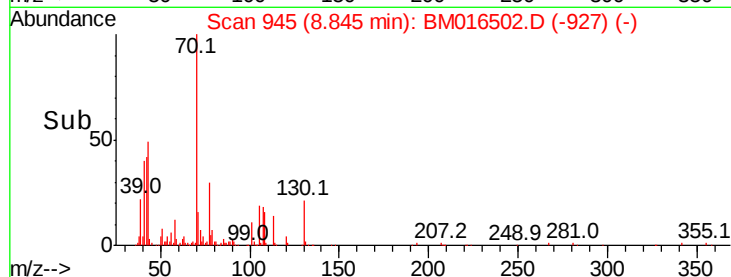
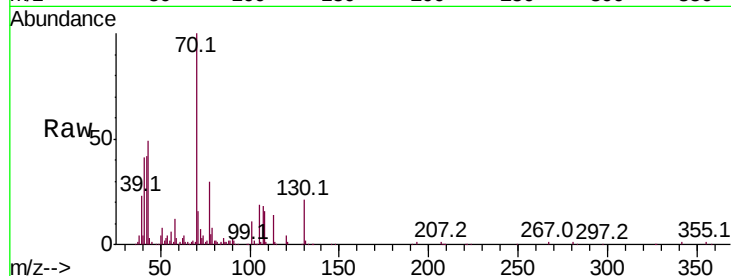
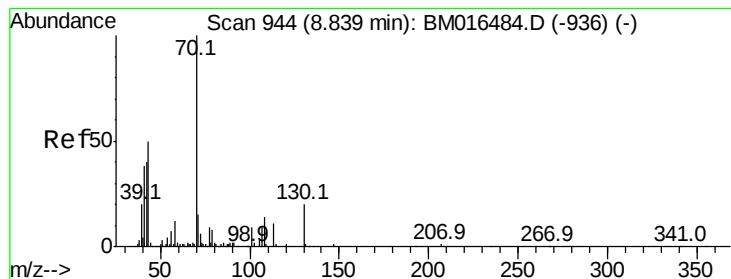
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.584 ng

RT: 8.85 min Scan# 945

Delta R.T. 0.01 min

Lab File: BM016502.D

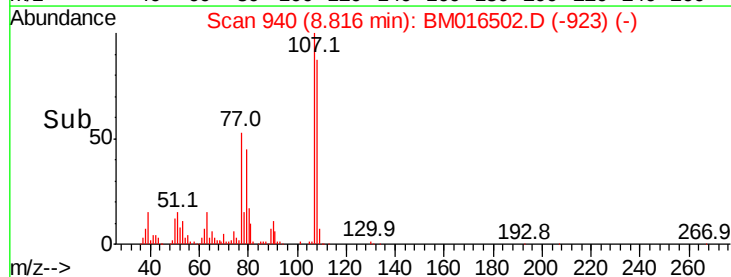
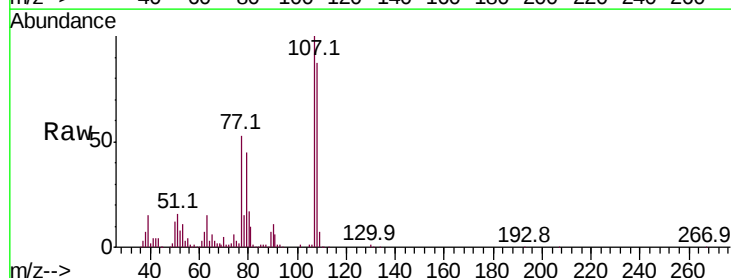
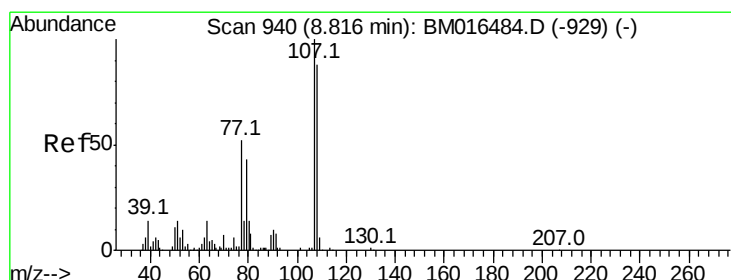
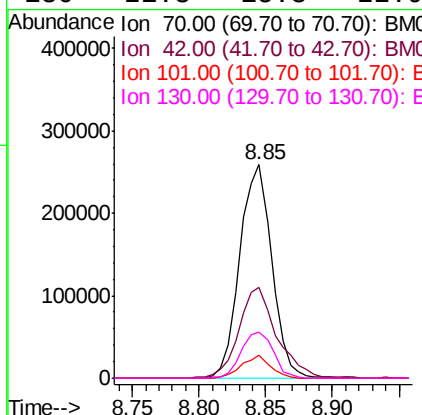
Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	70	Resp:	429797
Ion	Ratio	Lower	Upper
70	100		
42	42.4	44.5	66.7#
101	10.7	7.4	11.2
130	21.3	15.3	22.9



#20

3+4-Methylphenols

Concen: 40.808 ng

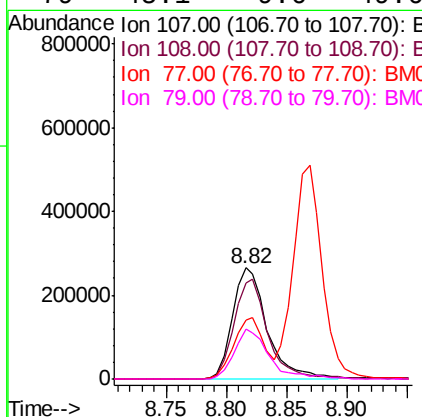
RT: 8.82 min Scan# 940

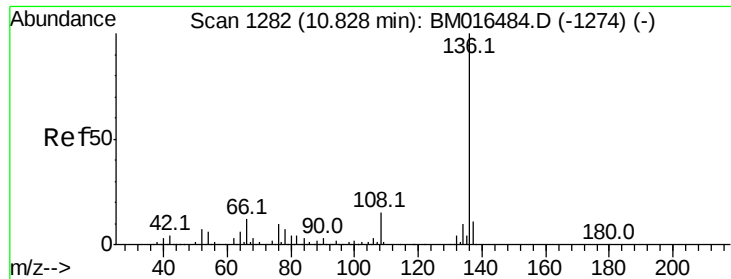
Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tgt Ion:	107	Resp:	532670
Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.2	113.2
77	53.4	10.7	50.7#
79	45.1	9.6	49.6

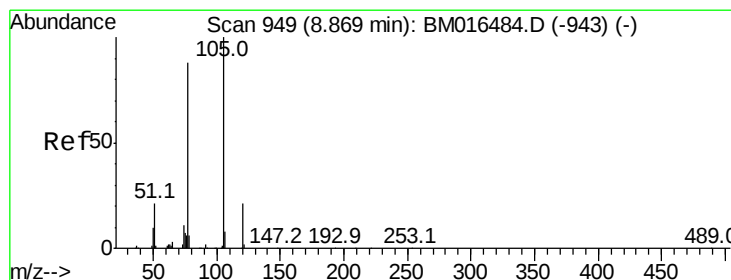
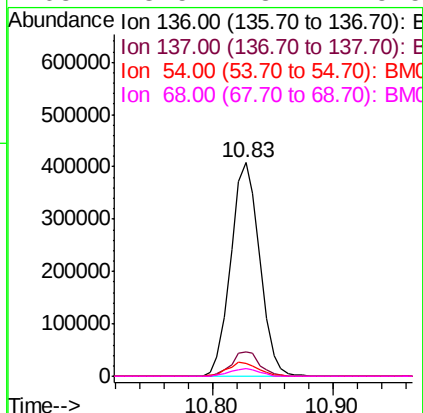
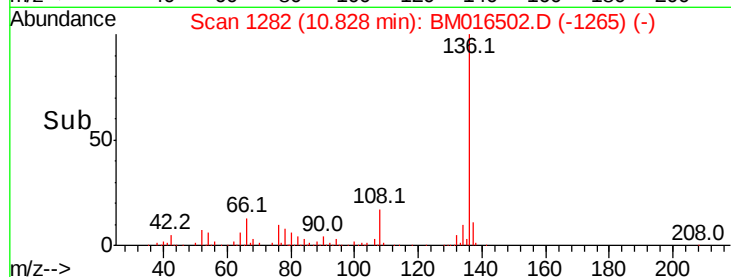
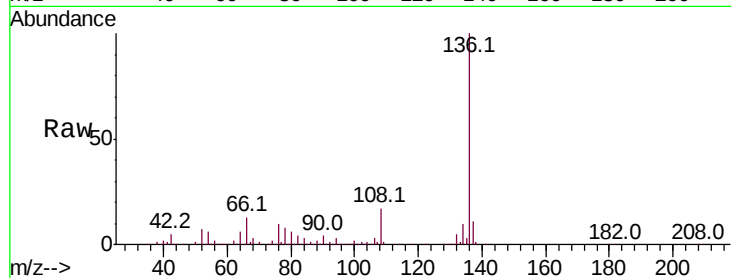




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

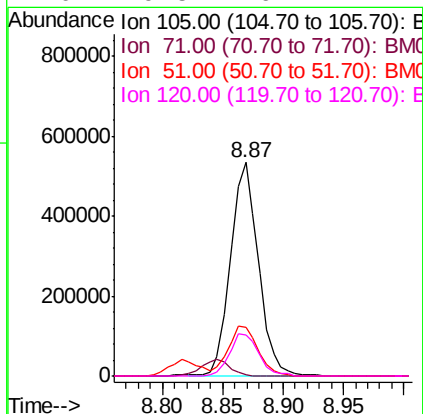
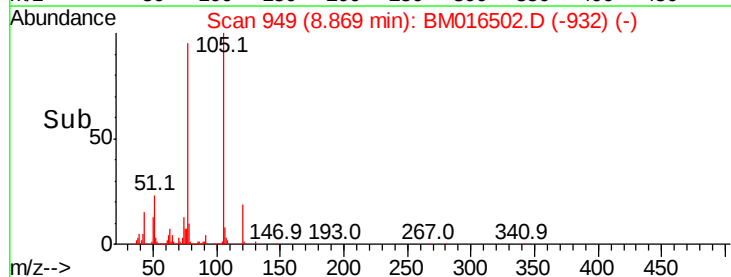
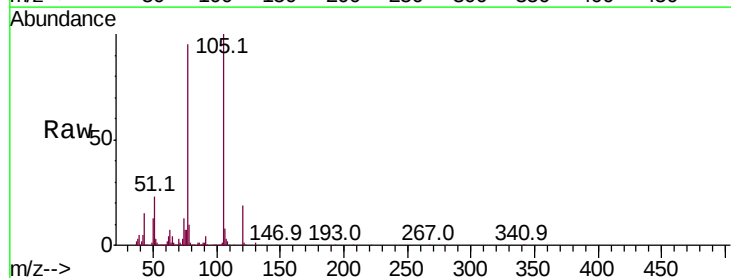
Instrument :
BNA_M
ClientSampleId :

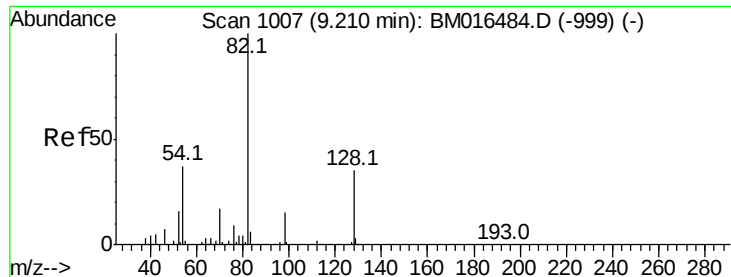
Tot Ion:	136	Resp:	678834
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	6.1	4.6	6.8
68	3.5	3.7	5.5#



#22
Acetophenone
Concen: 52.221 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:	105	Resp:	853622
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	23.0	21.6	32.4
120	19.5	16.1	24.1

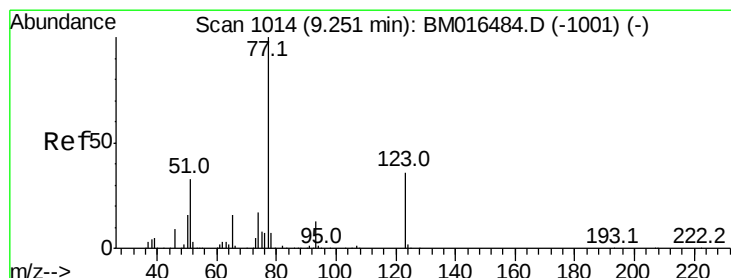
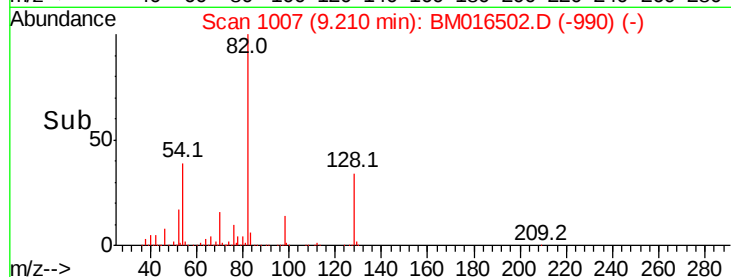
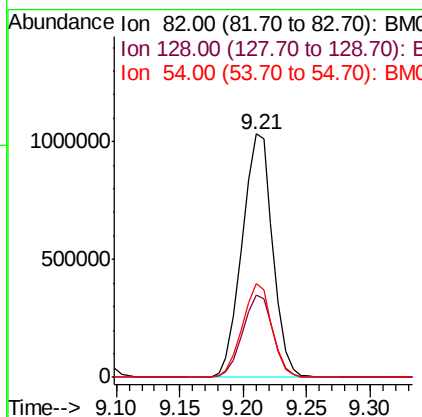
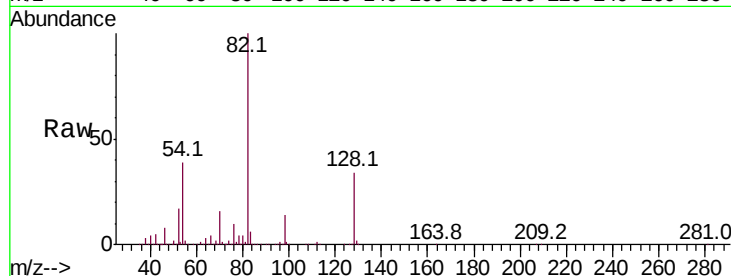




#23
 Nitrobenzene-d5
 Concen: 52.221 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

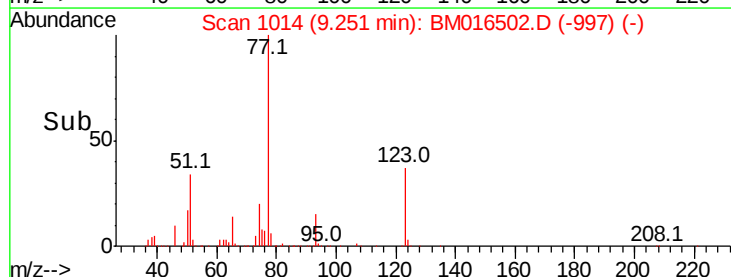
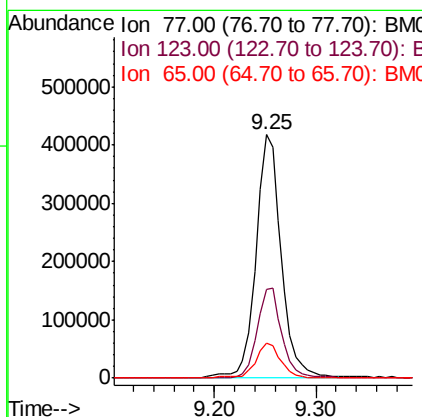
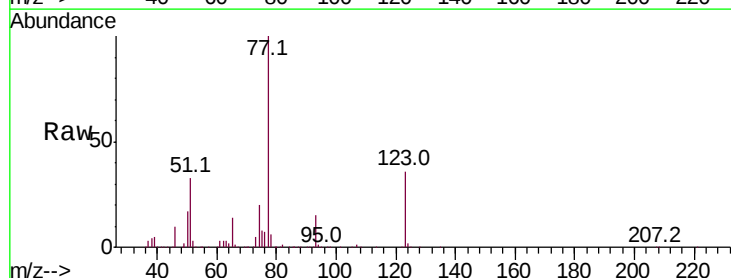
Instrument :
 BNA_M
 ClientSampleId :

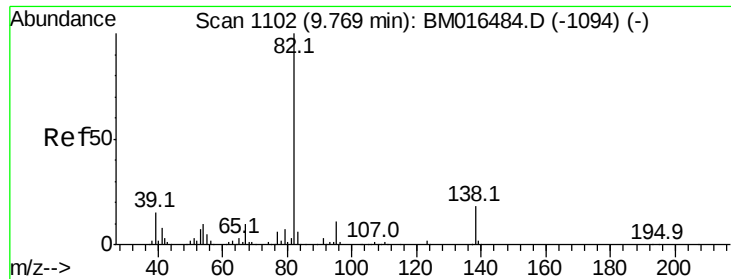
Tot Ion: 82 Resp: 1729102
 Ion Ratio Lower Upper
 82 100
 128 33.9 32.8 49.2
 54 38.5 40.6 60.8#



#24
 Nitrobenzene
 Concen: 48.800 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion: 77 Resp: 724919
 Ion Ratio Lower Upper
 77 100
 123 36.4 32.6 49.0
 65 14.3 10.9 16.3

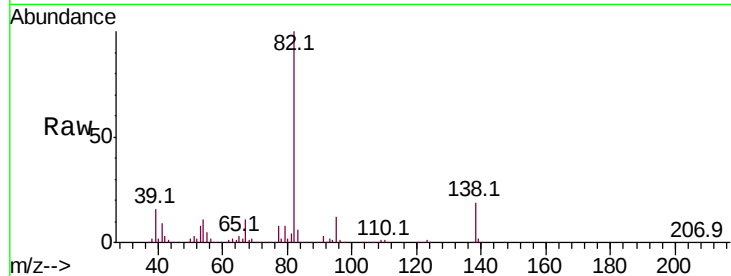




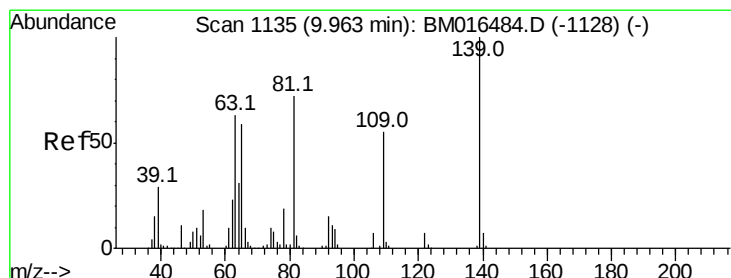
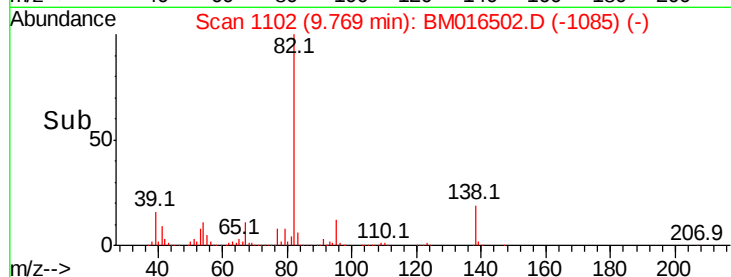
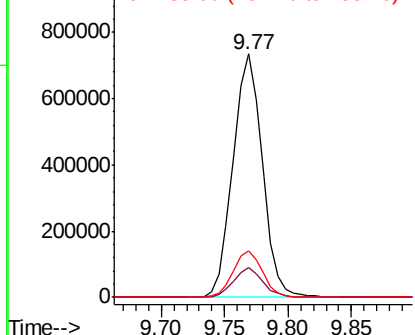
#25
Isophorone
Concen: 59.338 ng
RT: 9.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 1179086
Ion Ratio Lower Upper
82 100
95 12.2 5.8 8.6#
138 19.2 16.3 24.5

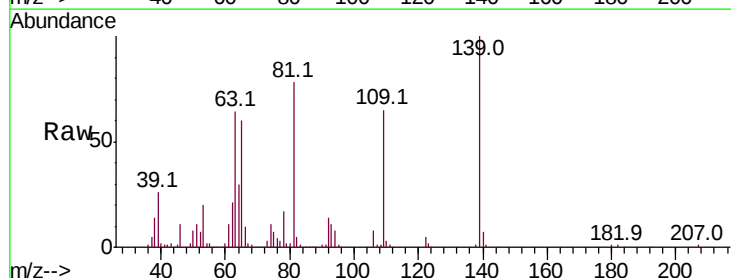


Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-1094) (-)
Ion 95.00 (94.70 to 95.70): BM016484.D (-1094) (-)
Ion 138.00 (137.70 to 138.70): BM016484.D (-1094) (-)

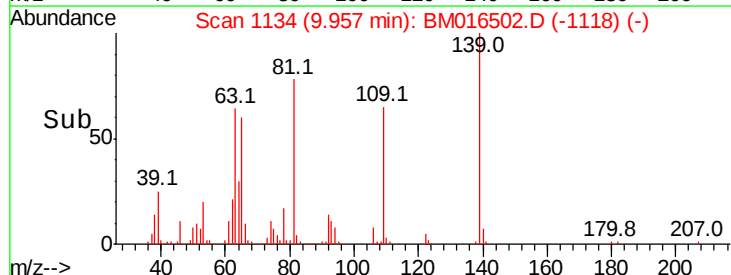
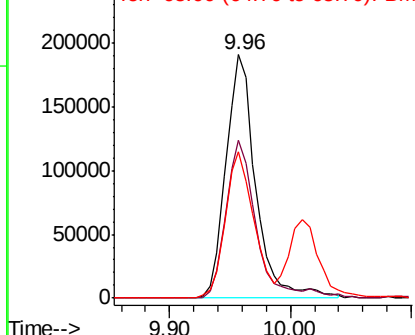


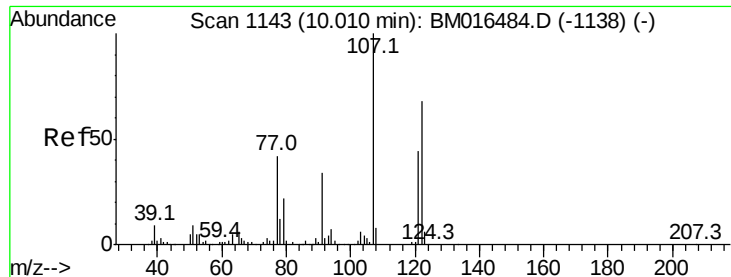
#26
2-Nitrophenol
Concen: 51.680 ng
RT: 9.96 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion: 139 Resp: 328195
Ion Ratio Lower Upper
139 100
109 64.7 20.1 30.1#
65 59.9 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): BM016484.D (-1128) (-)
Ion 109.00 (108.70 to 109.70): BM016484.D (-1128) (-)
Ion 65.00 (64.70 to 65.70): BM016484.D (-1128) (-)





#27

2,4-Dimethylphenol

Concen: 58.577 ng

RT: 10.01 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampled :

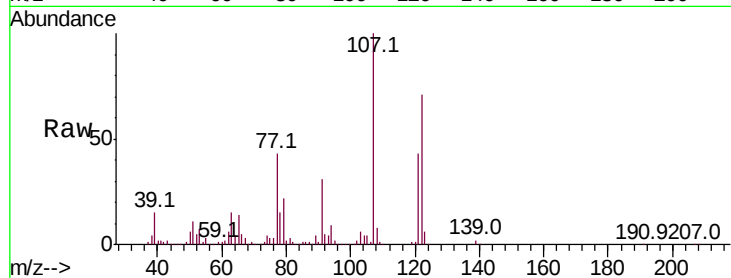
Tot Ion:122 Resp: 484786

Ion Ratio Lower Upper

122 100

107 141.8 84.7 127.1#

121 61.2 46.6 69.8

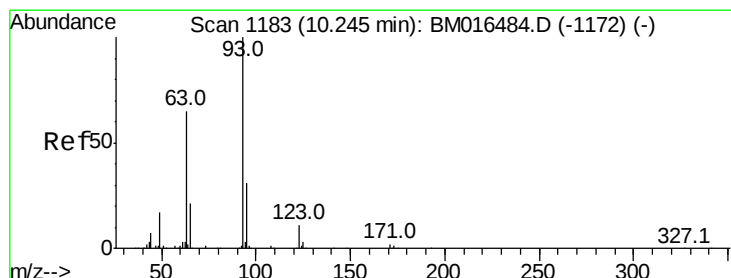
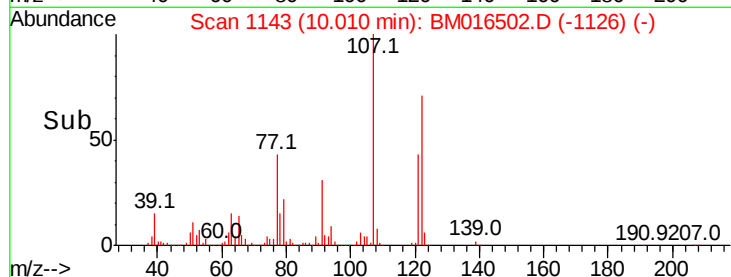
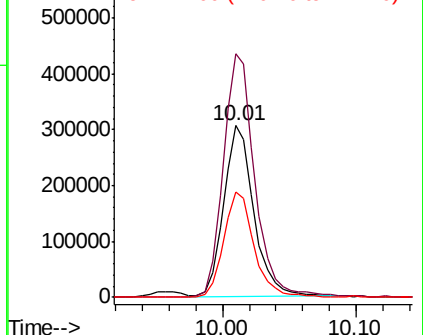


Abundance

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: 52.826 ng

RT: 10.25 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

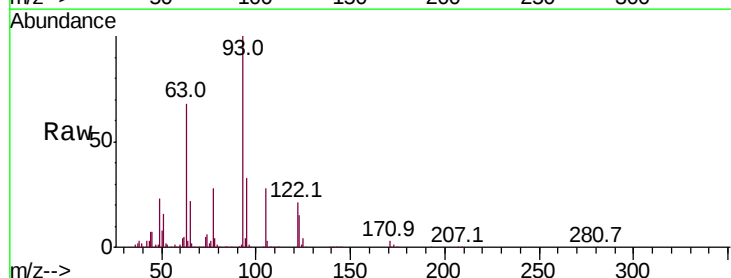
Tgt Ion: 93 Resp: 626593

Ion Ratio Lower Upper

93 100

95 33.3 25.5 38.3

123 14.6 8.6 13.0#

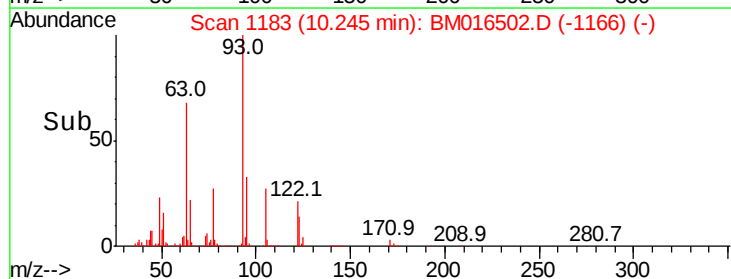
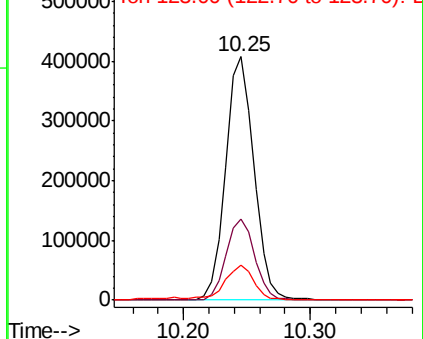


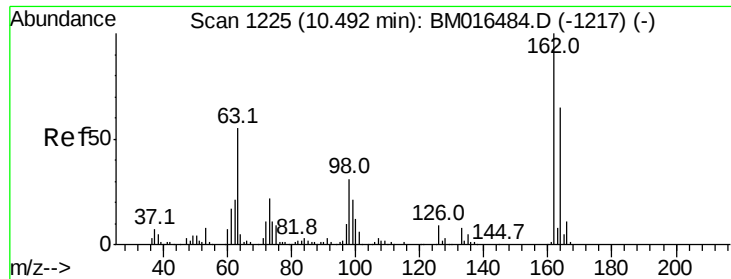
Abundance

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

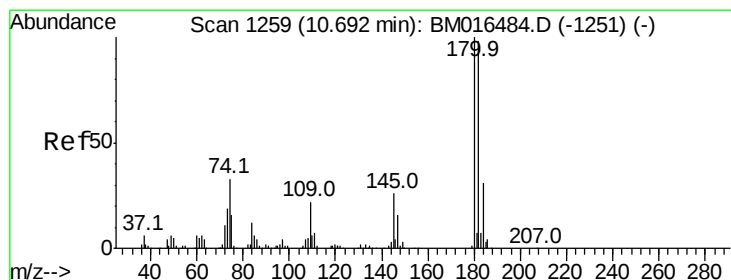
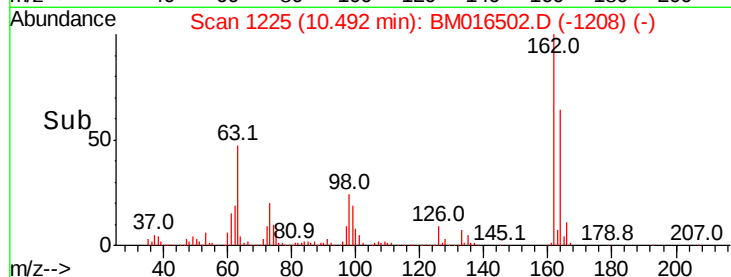
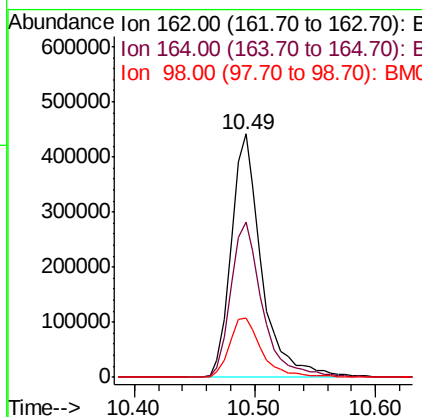
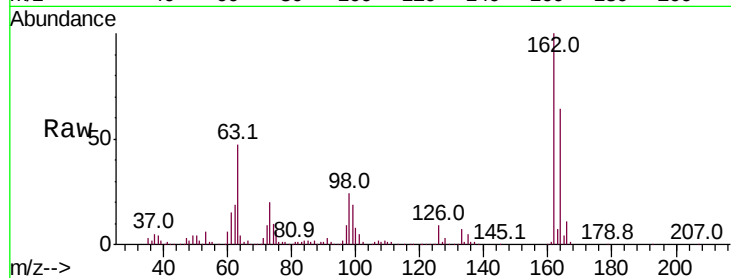




#29
 2,4-Dichlorophenol
 Concen: 61.954 ng
 RT: 10.49 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

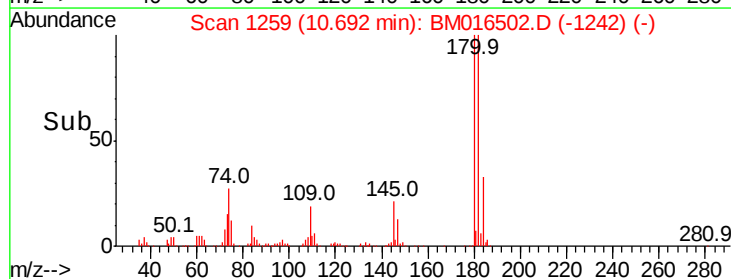
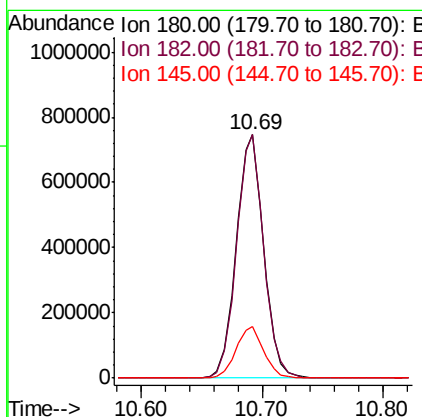
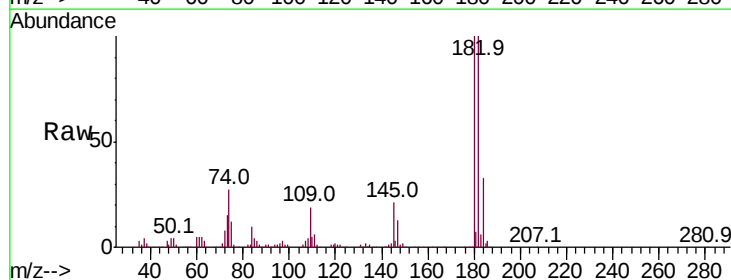
Instrument :
 BNA_M
 ClientSampled :

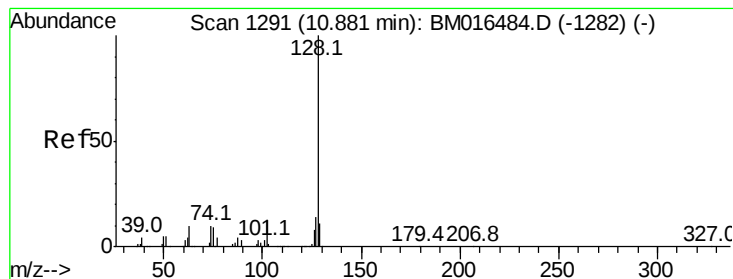
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.8	82.8
98	24.3	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 62.683 ng
 RT: 10.69 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	77.6	116.4
145	21.2	23.4	35.2#





#31

Naphthalene

Concen: 53.736 ng

RT: 10.88 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

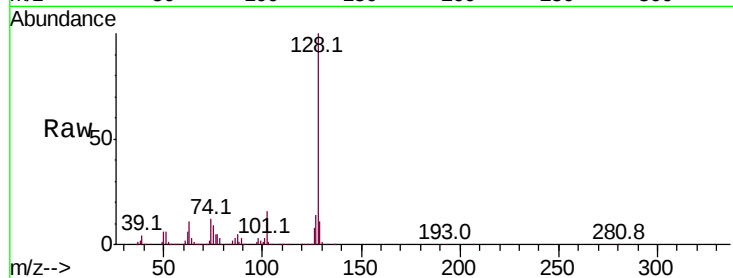
Tot Ion:128 Resp: 1737943

Ion Ratio Lower Upper

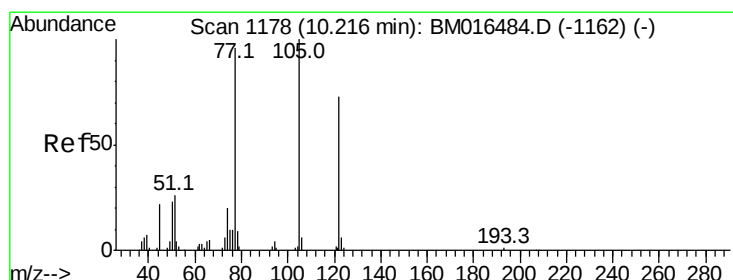
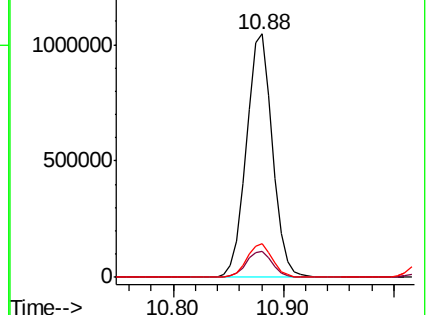
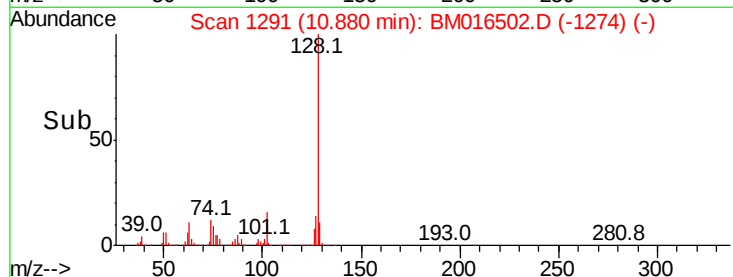
128 100

129 10.7 8.9 13.3

127 13.8 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: 45.000 ng

RT: 10.25 min Scan# 1183

Delta R.T. 0.03 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

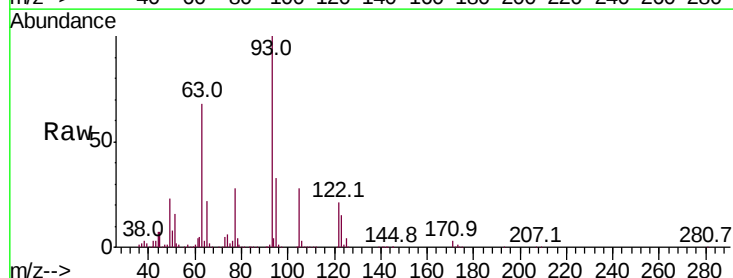
Tgt Ion:122 Resp: 311601

Ion Ratio Lower Upper

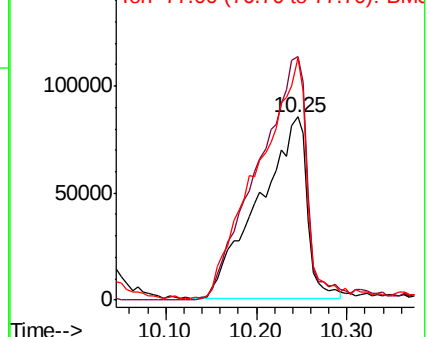
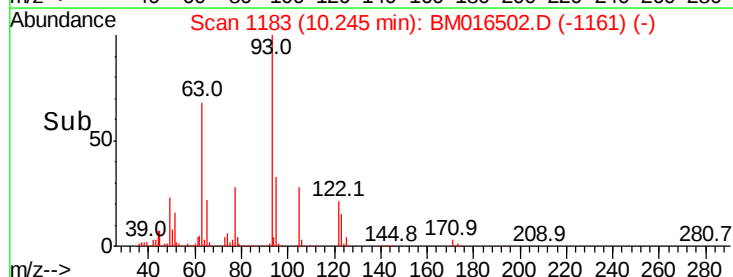
122 100

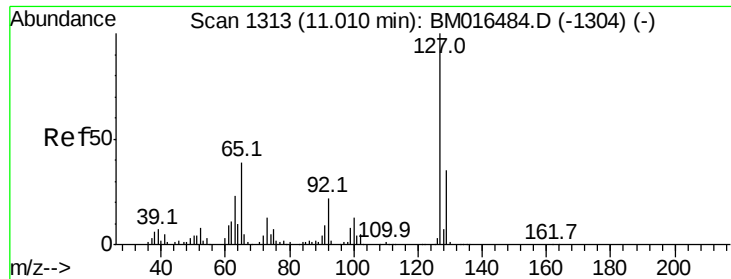
105 132.8 99.9 139.9

77 131.9 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

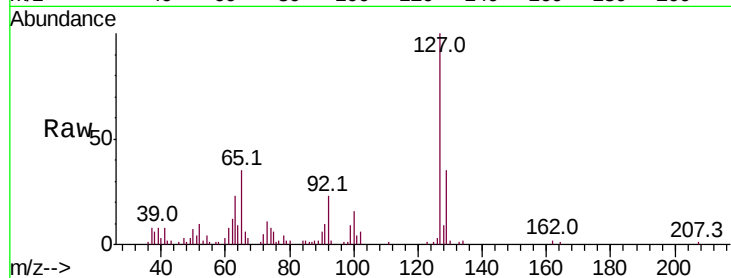




#33
4-Chloroaniline
Concen: 9.015 ng
RT: 11.03 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	122712
Ion	Ratio	Lower	Upper
127	100		
129	35.1	25.3	37.9
65	35.3	17.6	26.4
92	22.6	13.1	19.7



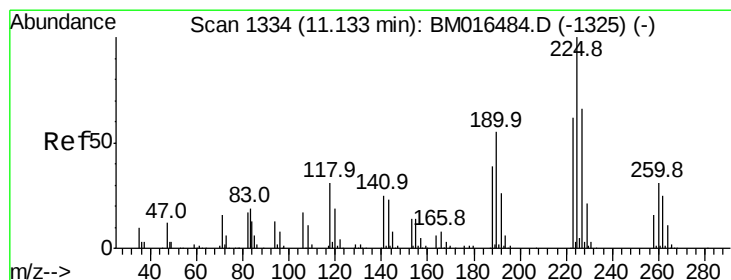
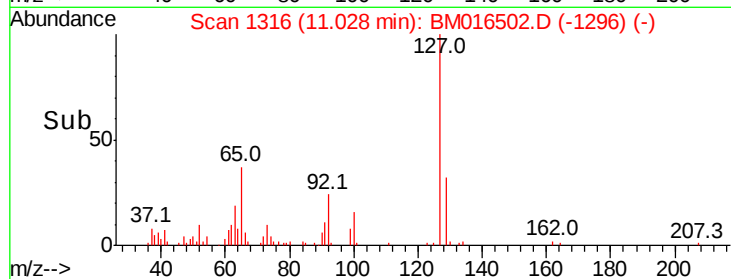
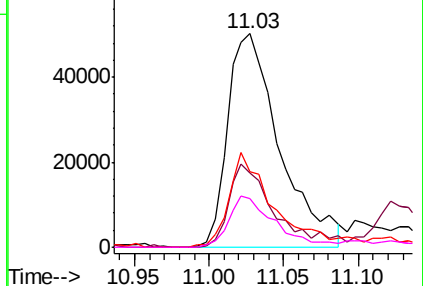
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

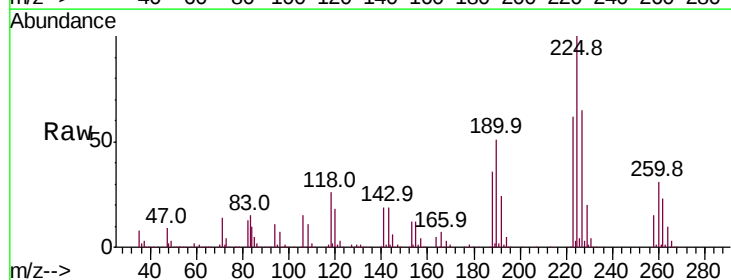
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 60.338 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:	225	Resp:	1082388
Ion	Ratio	Lower	Upper
225	100		
223	61.9	47.9	71.9
227	65.0	50.1	75.1

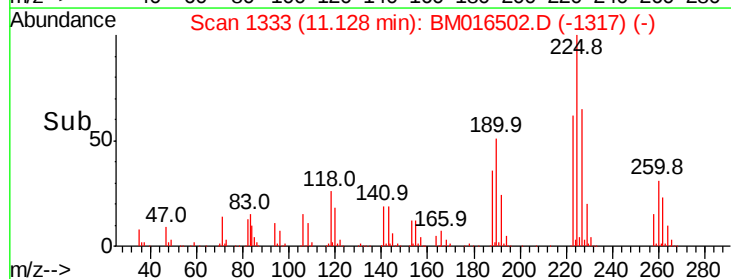
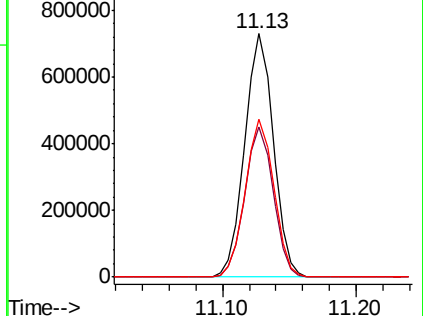


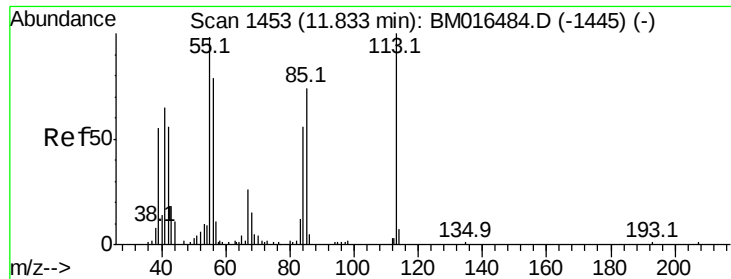
Abundance

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: 28.884 ng

RT: 11.85 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

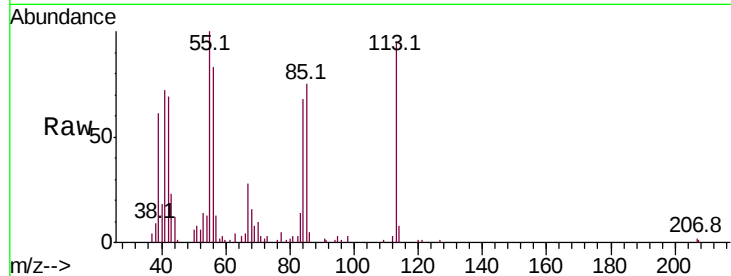
Tot Ion:113 Resp: 85848

Ion Ratio Lower Upper

113 100

55 105.6 145.9 185.9#

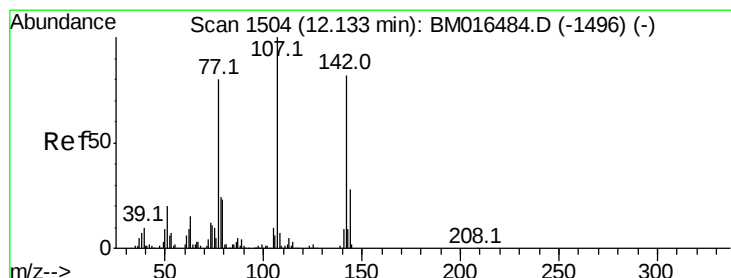
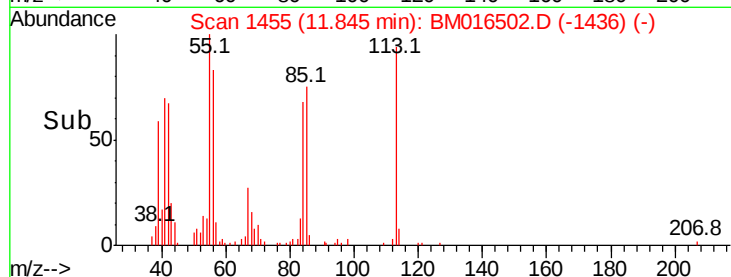
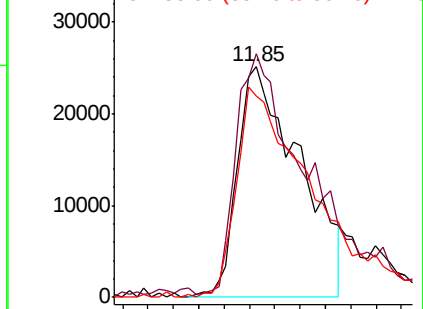
56 87.4 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 52.127 ng

RT: 12.14 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

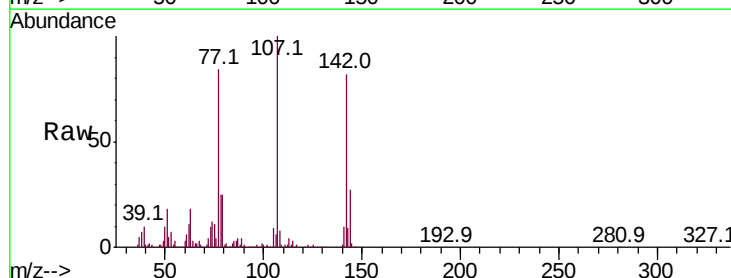
Tgt Ion:107 Resp: 620715

Ion Ratio Lower Upper

107 100

144 27.4 23.3 34.9

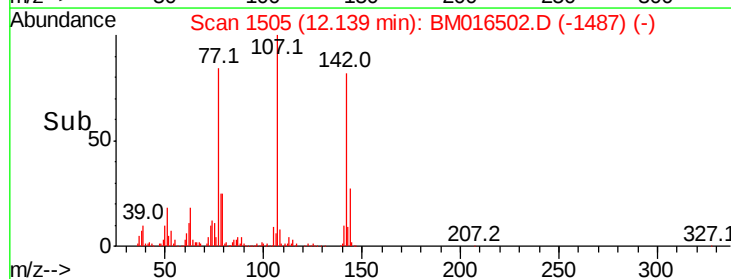
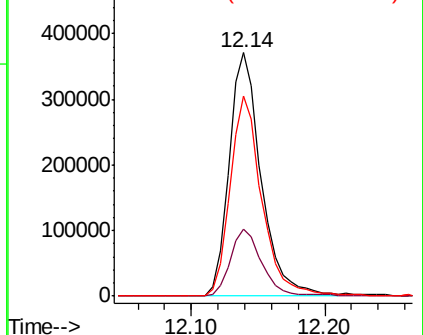
142 82.4 72.6 109.0

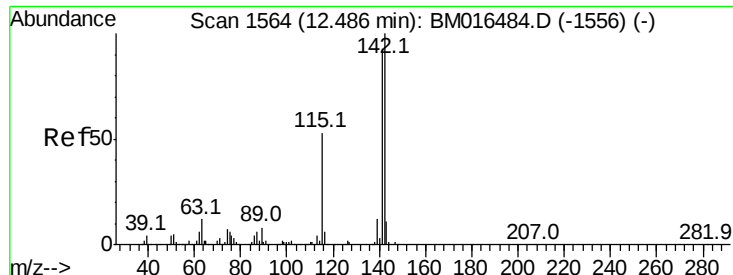


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



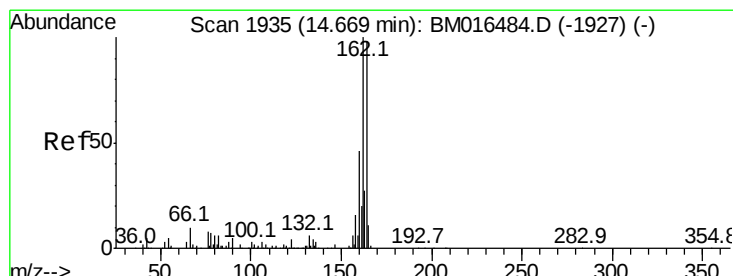
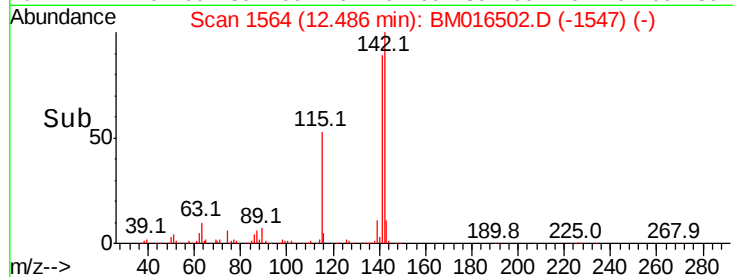
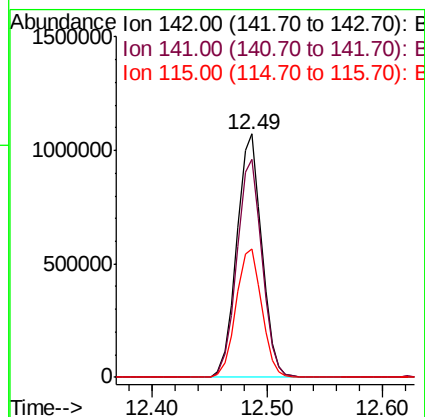
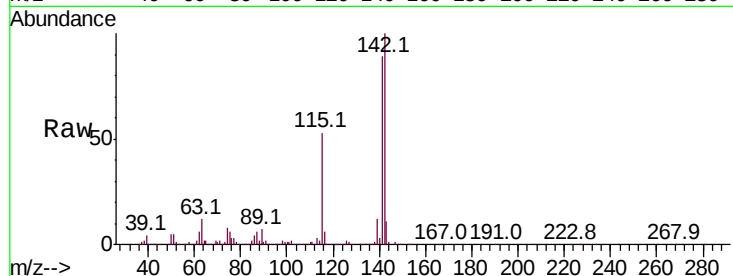


#37
 2-Methylnaphthalene
 Concen: 63.377 ng
 RT: 12.49 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 1604667

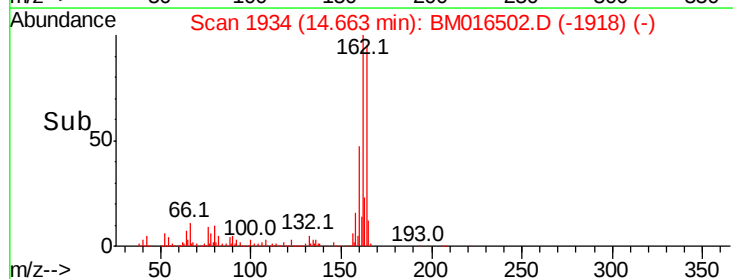
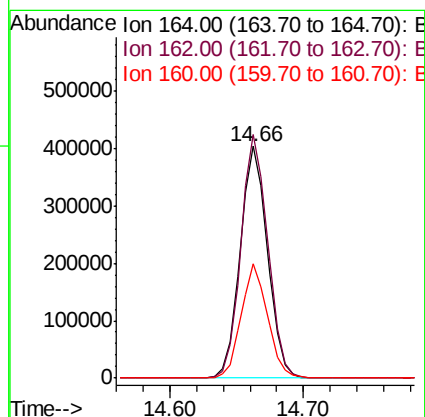
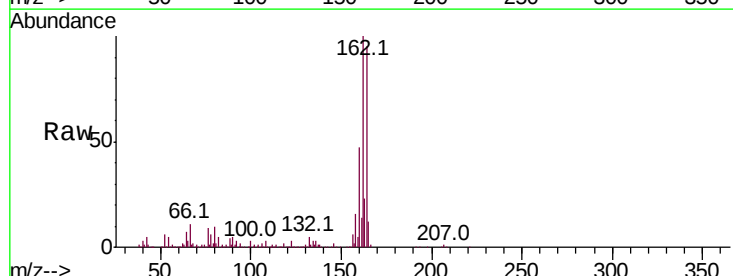
Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	52.9	25.4	38.0

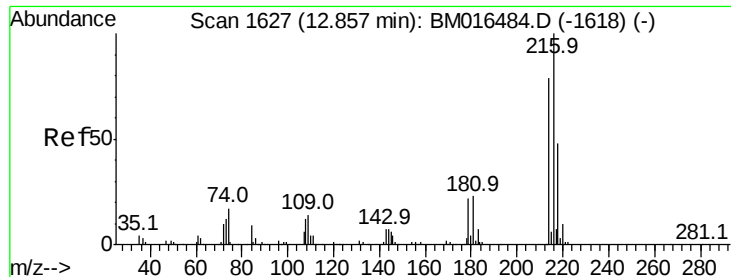


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion:164 Resp: 571212

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.4	123.6
160	49.1	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.835 ng

RT: 12.85 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

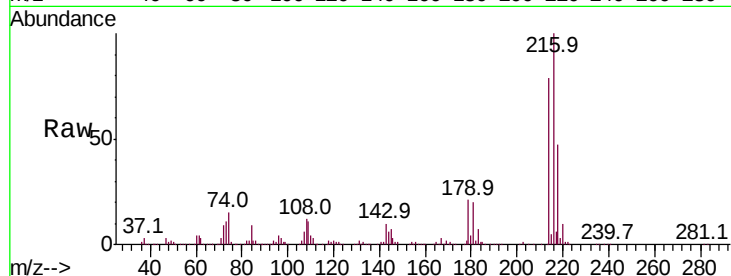
Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 1769003

Ion	Ratio	Lower	Upper
216	100		
214	78.6	0.0	0.0#
179	20.9	0.0	0.0#
108	11.6	0.0	0.0#

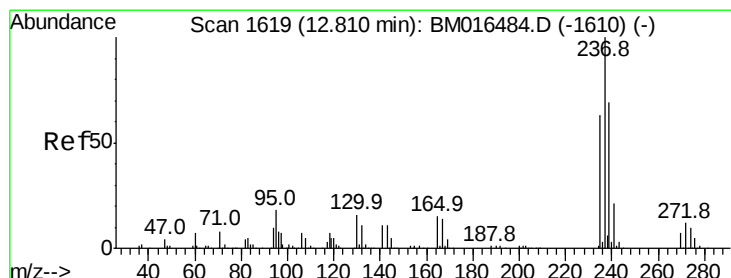
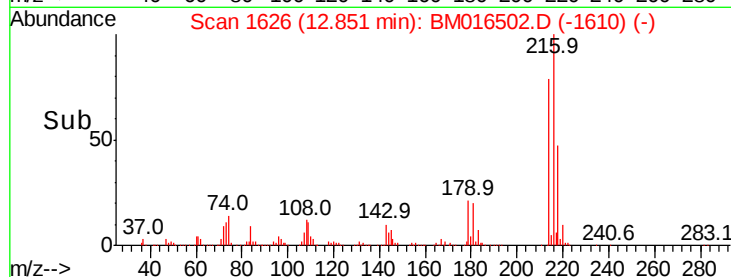
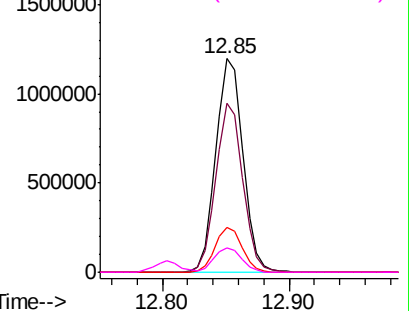


Abundance Ion 216.00 (215.70 to 216.70): E

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: 118.177 ng

RT: 12.80 min Scan# 1618

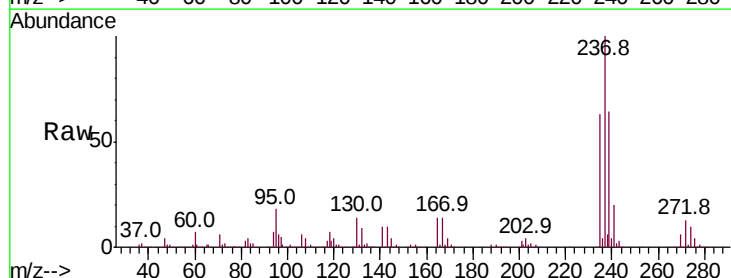
Delta R.T. -0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tgt Ion:237 Resp: 2051429

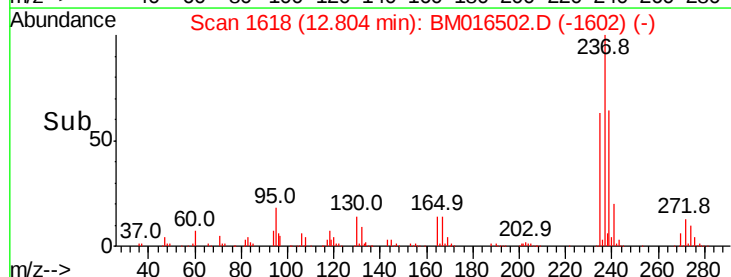
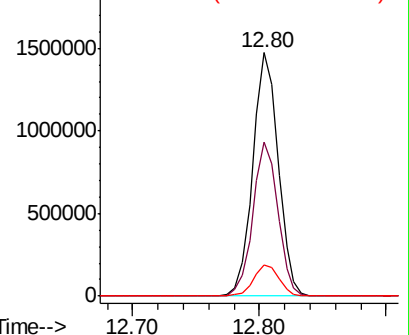
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.0	82.0
272	12.6	0.0	33.4

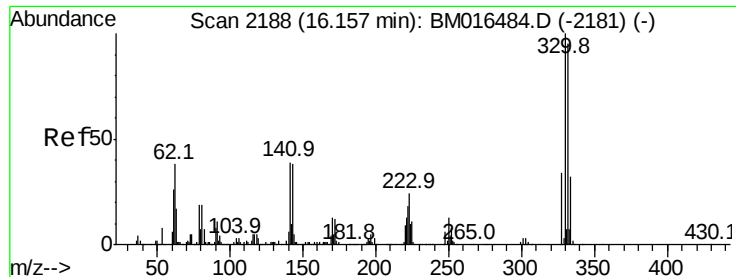


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

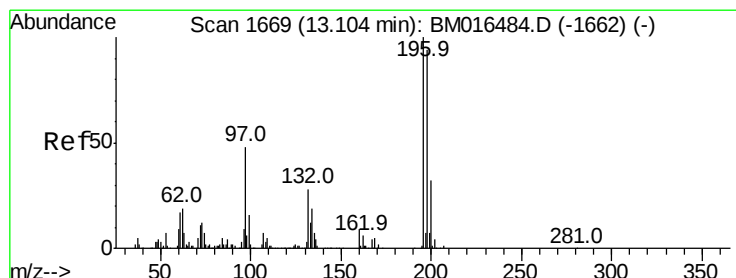
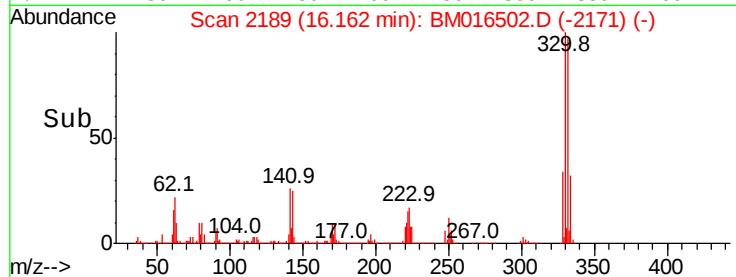
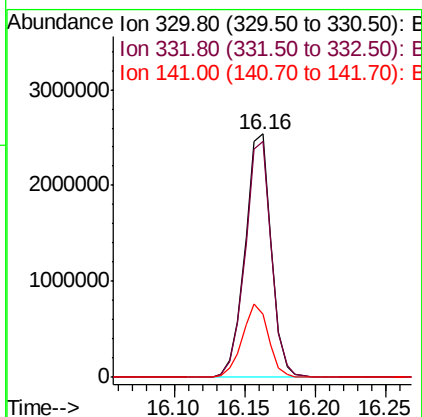
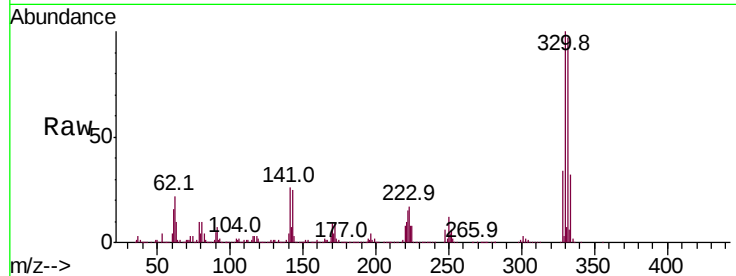




#41
 2,4,6-Tribromophenol
 Concen: 118.177 ng
 RT: 16.16 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

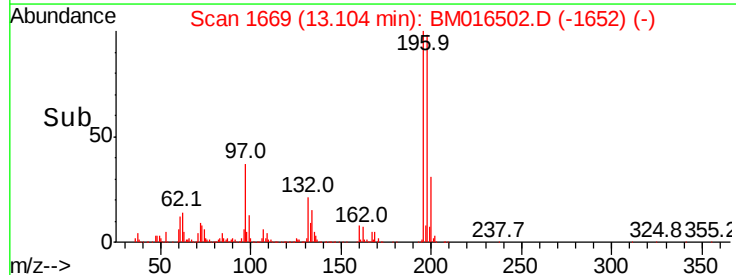
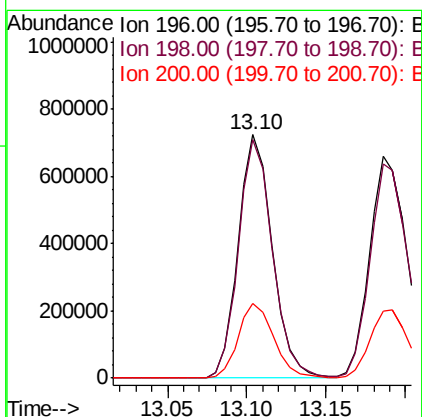
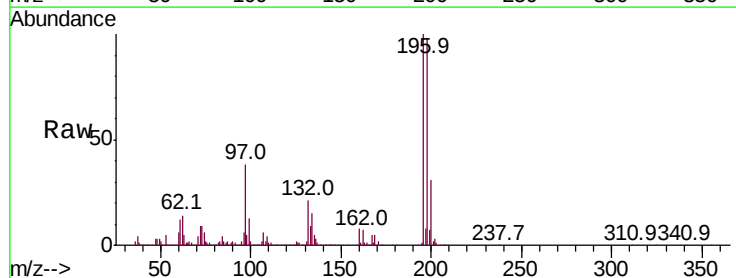
Instrument :
 BNA_M
 ClientSampleId :

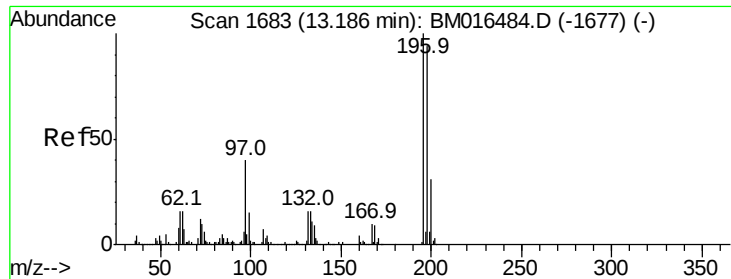
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	30.4	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 56.322 ng
 RT: 13.10 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.3	114.5
200	30.8	25.6	38.4

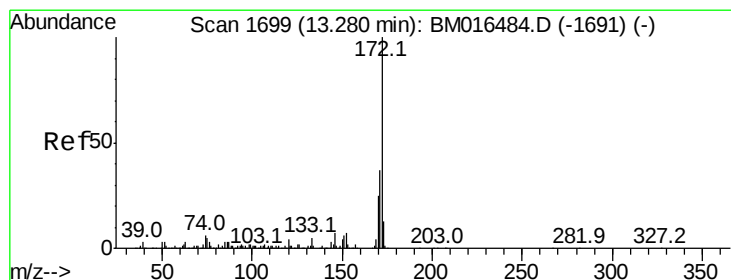
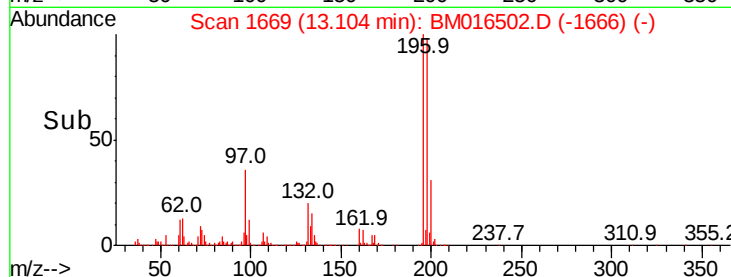
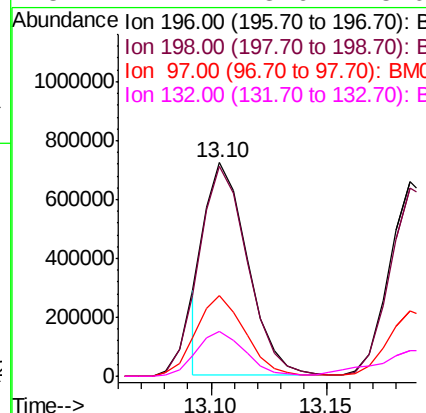
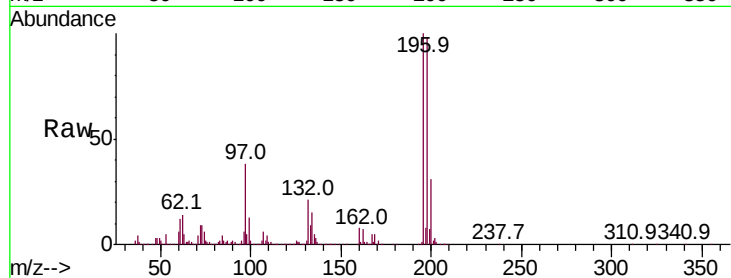




#43
 2,4,5-Trichlorophenol
 Concen: 49.078 ng
 RT: 13.10 min Scan# 1669
 Delta R.T. -0.08 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

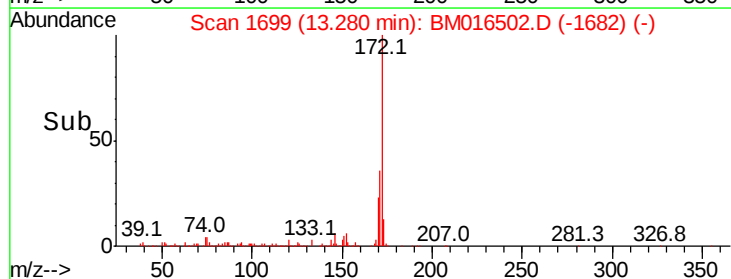
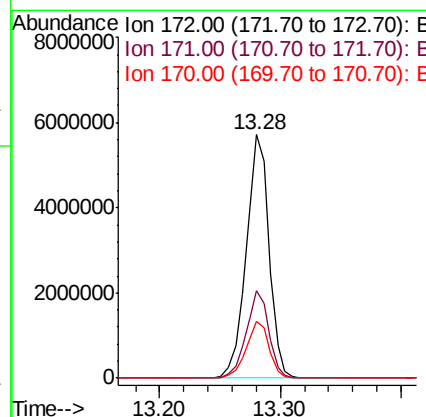
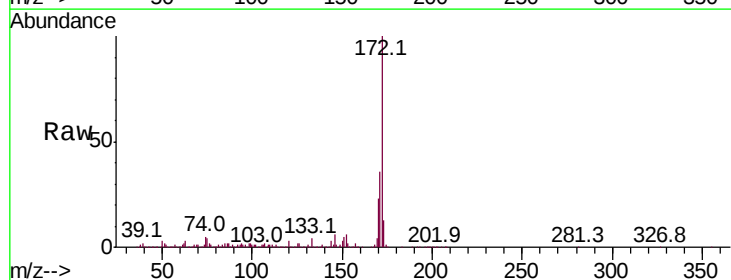
Instrument :
 BNA_M
 ClientSampled :

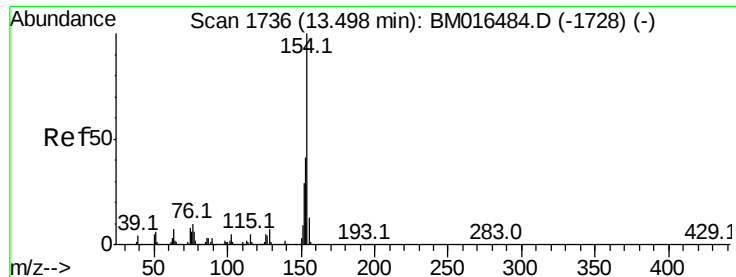
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	79.4	119.0
97	37.5	26.8	40.2
132	21.1	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 49.078 ng
 RT: 13.28 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.1	18.8	28.2





#45

1,1'-Biphenyl

Concen: 48.038 ng

RT: 13.49 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

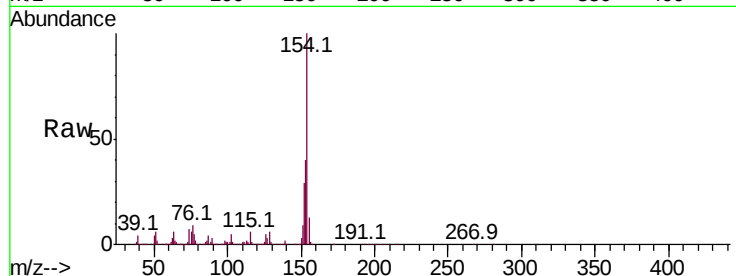
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 2406083

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.7	60.7
76	8.7	0.0	30.9

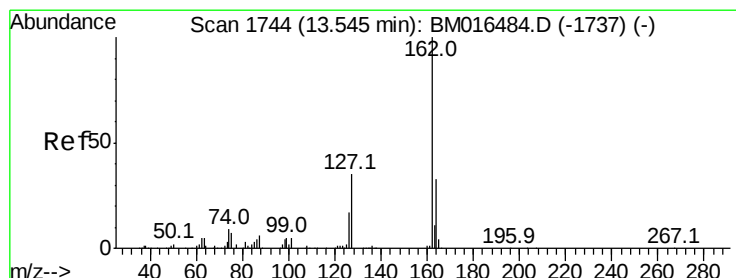
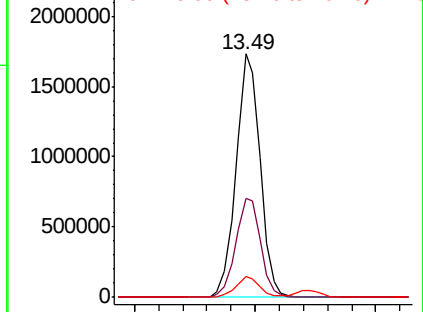
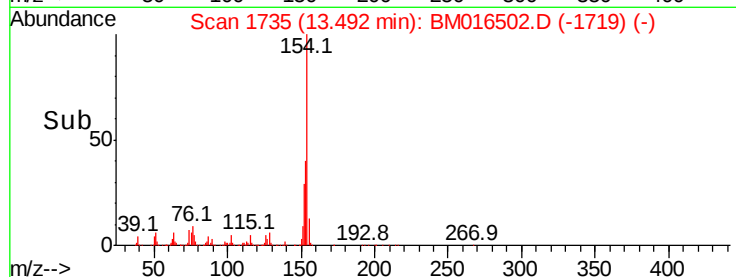


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 49.334 ng

RT: 13.55 min Scan# 1744

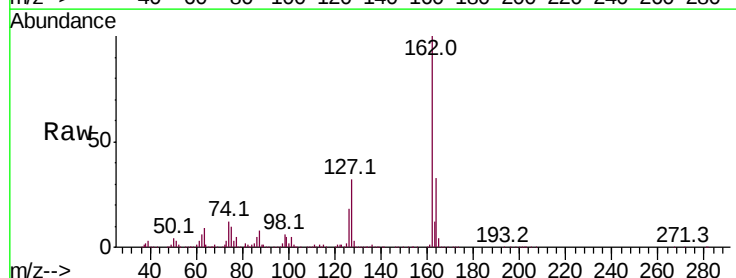
Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tgt Ion:162 Resp: 2007516

Ion	Ratio	Lower	Upper
162	100		
127	31.8	26.9	40.3
164	33.4	26.8	40.2

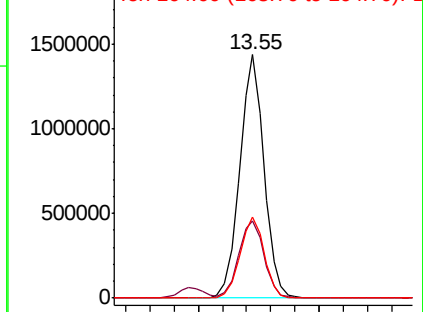
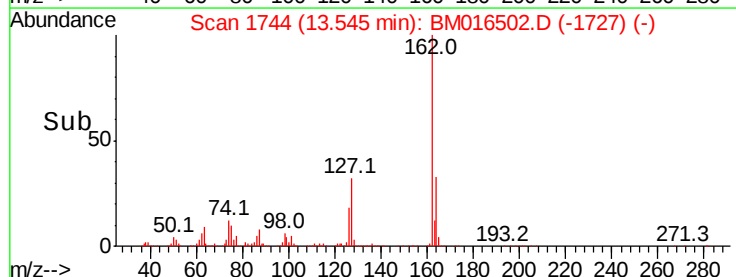


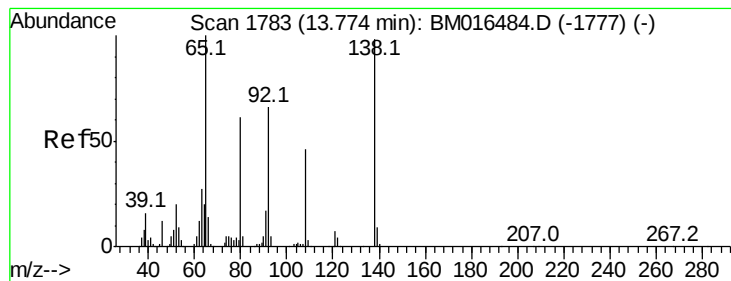
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.996 ng

RT: 13.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

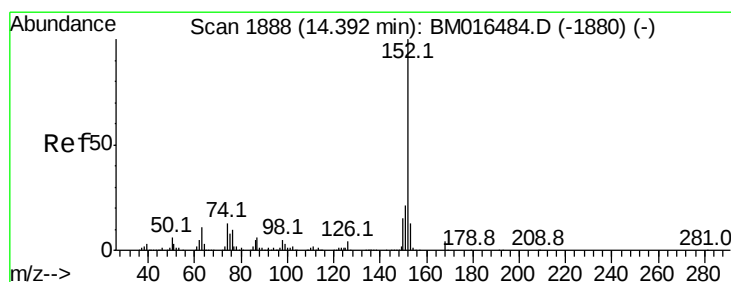
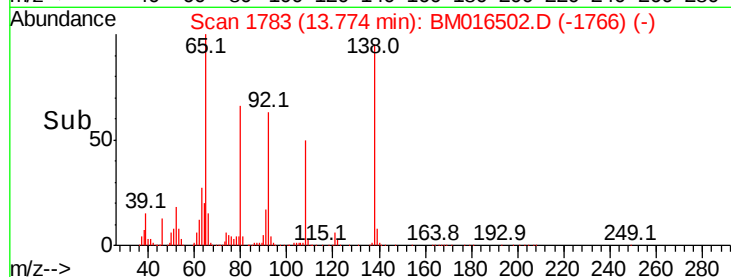
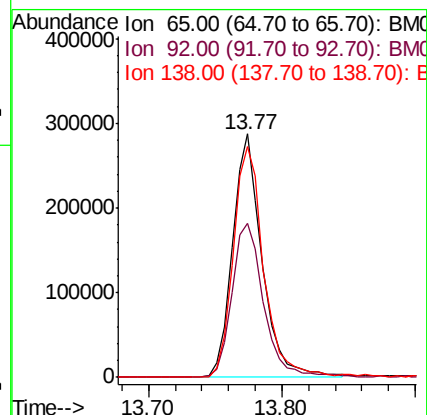
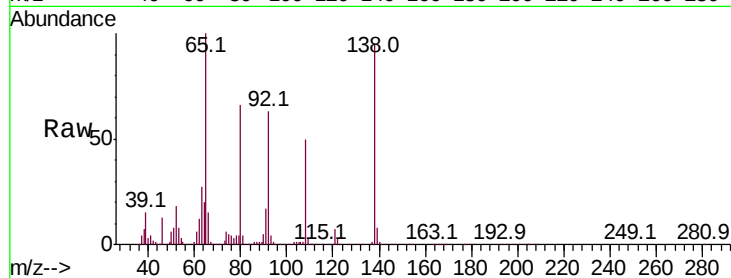
Tot Ion: 65 Resp: 444335

Ion Ratio Lower Upper

65 100

92 63.1 59.1 88.7

138 94.8 93.9 140.9



#48

Acenaphthylene

Concen: 52.418 ng

RT: 14.39 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

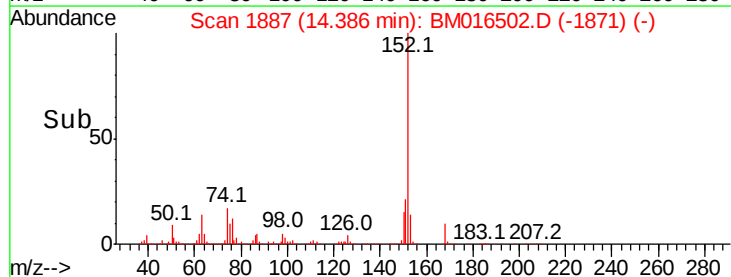
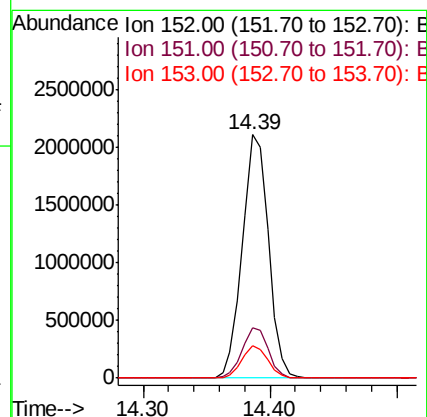
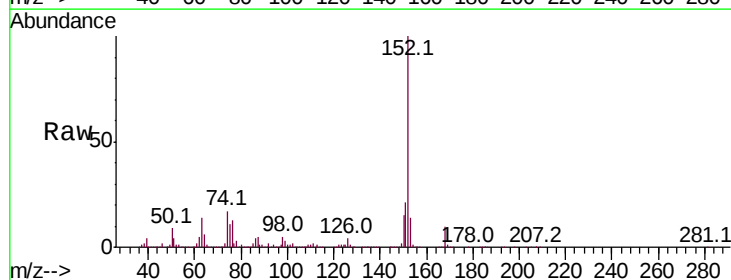
Tgt Ion: 152 Resp: 3010876

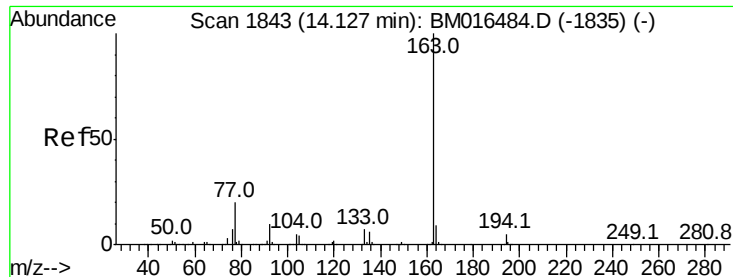
Ion Ratio Lower Upper

152 100

151 20.7 15.9 23.9

153 13.6 10.6 16.0

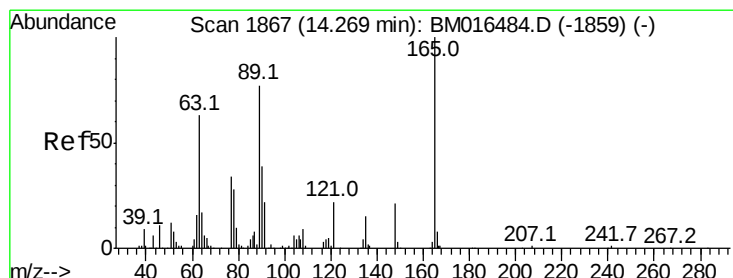
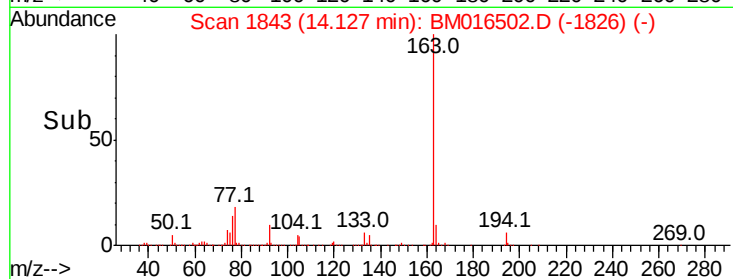
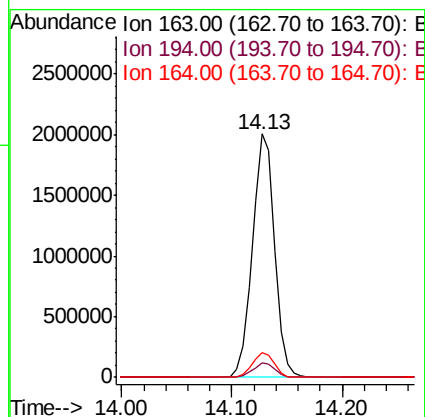
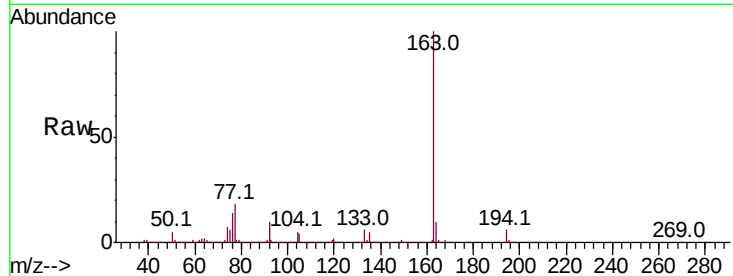




#49
Dimethylphthalate
Concen: 51.324 ng
RT: 14.13 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

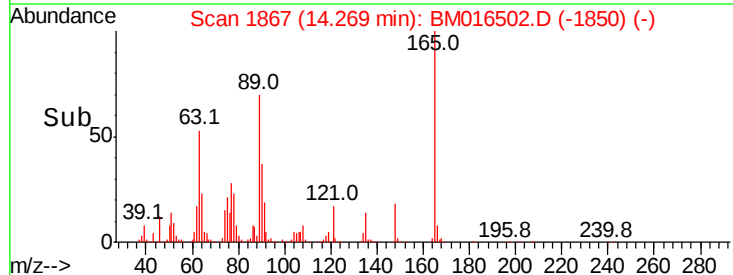
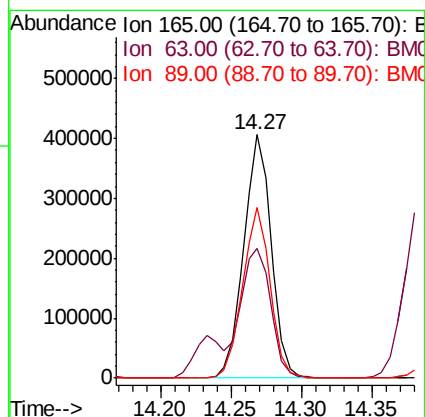
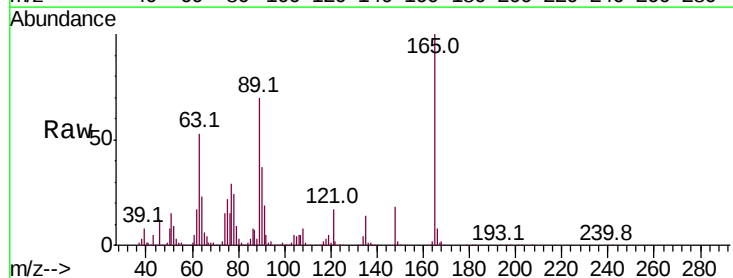
Instrument :
BNA_M
ClientSampled :

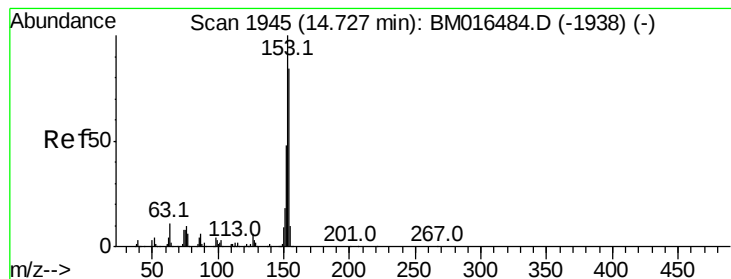
Tot Ion:163 Resp: 2816583
Ion Ratio Lower Upper
163 100
194 6.0 2.7 4.1#
164 10.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 51.796 ng
RT: 14.27 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:165 Resp: 554426
Ion Ratio Lower Upper
165 100
63 53.2 44.1 66.1
89 70.0 44.3 66.5#





#51

Acenaphthene

Concen: 49.425 ng

RT: 14.73 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

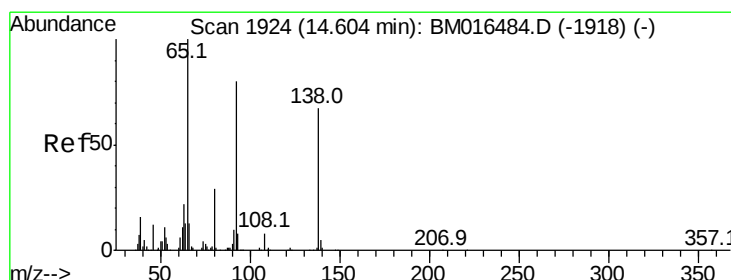
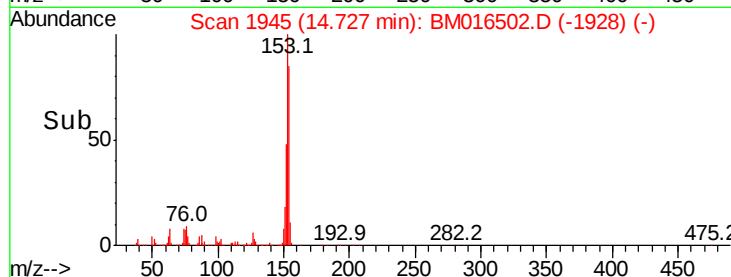
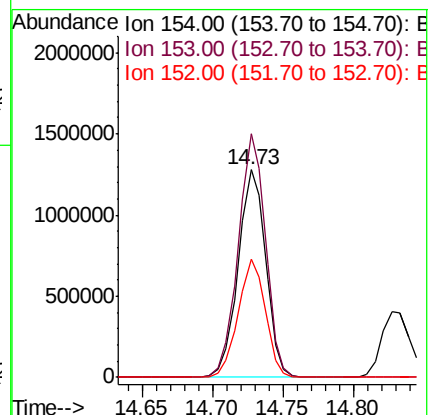
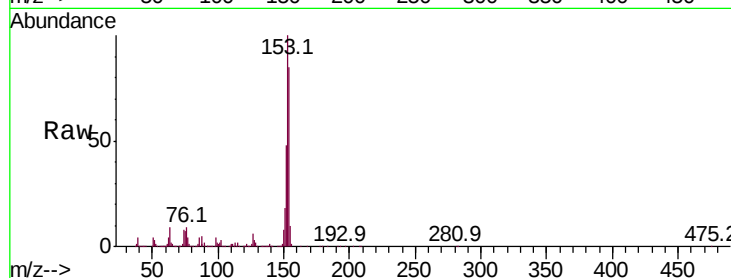
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 1744128

Ion	Ratio	Lower	Upper
154	100		
153	117.5	90.0	135.0
152	56.9	42.6	63.8



#52

3-Nitroaniline

Concen: 19.120 ng

RT: 14.60 min Scan# 1924

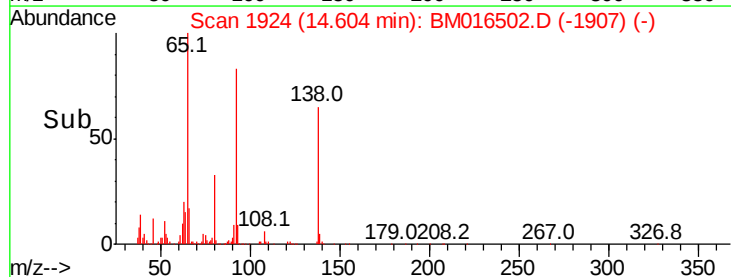
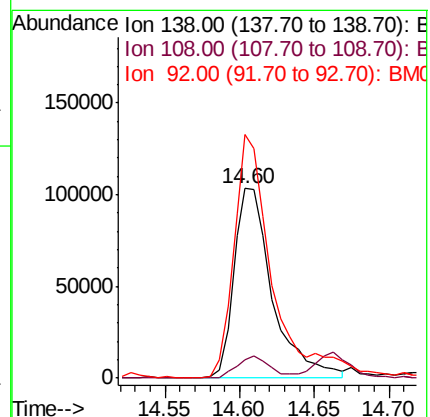
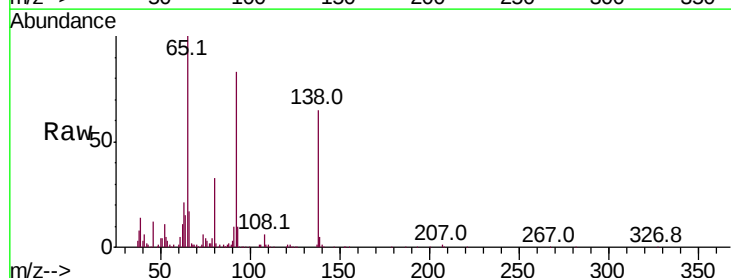
Delta R.T. -0.00 min

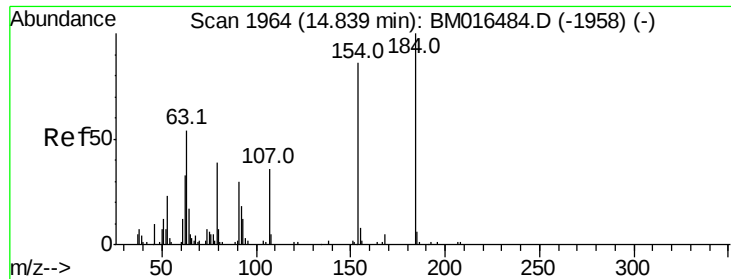
Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tgt Ion:138 Resp: 186215

Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.3	10.9
92	128.6	76.6	114.8#

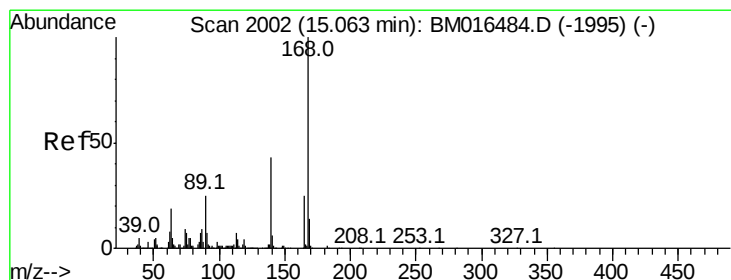
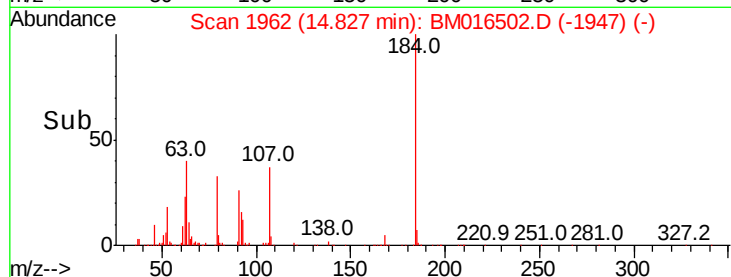
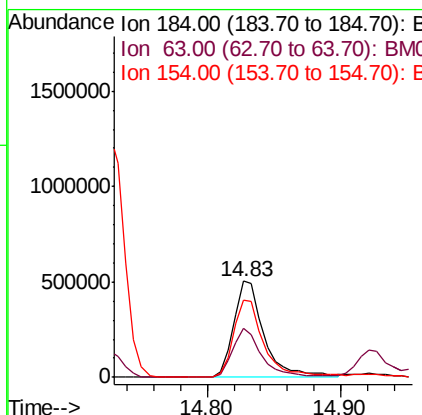
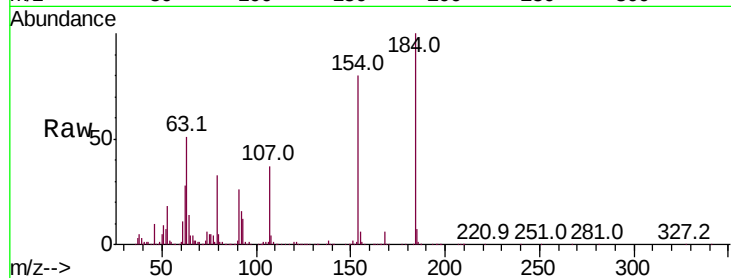




#53
2,4-Dinitrophenol
Concen: 149.724 ng
RT: 14.83 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

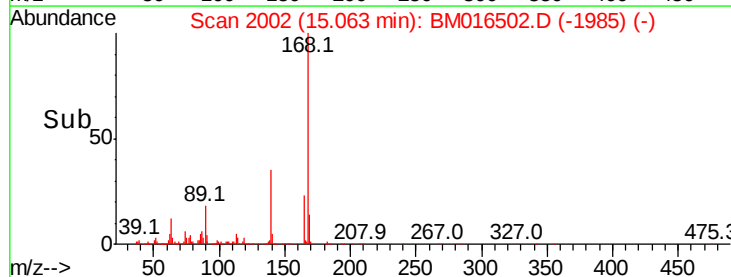
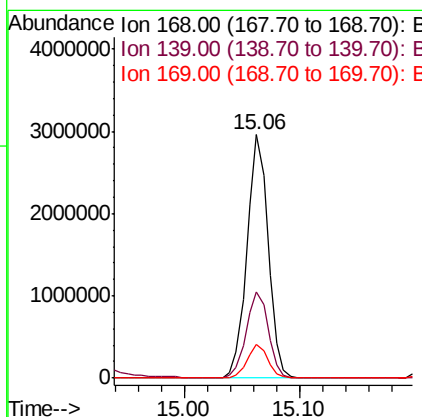
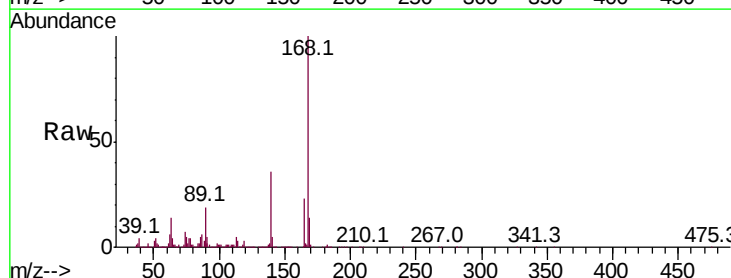
Instrument :
BNA_M
ClientSampleId :

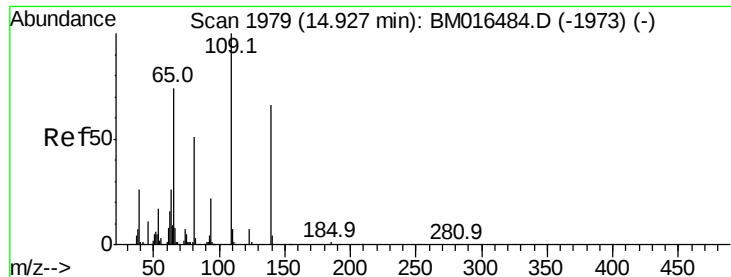
Tot Ion:184 Resp: 802017
Ion Ratio Lower Upper
184 100
63 51.0 69.2 103.8#
154 79.7 53.3 79.9



#54
Dibenzofuran
Concen: 55.964 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:168 Resp: 3780529
Ion Ratio Lower Upper
168 100
139 35.7 27.3 40.9
169 13.6 10.6 16.0

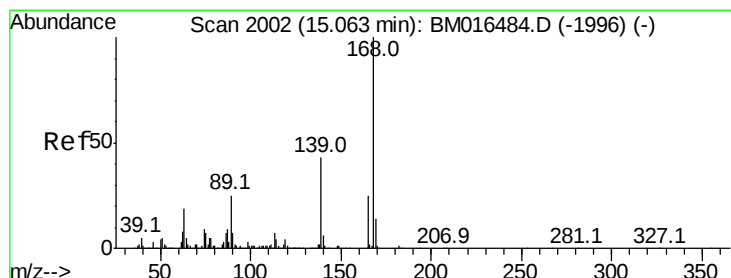
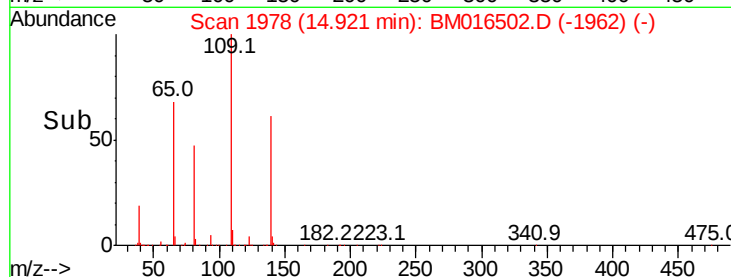
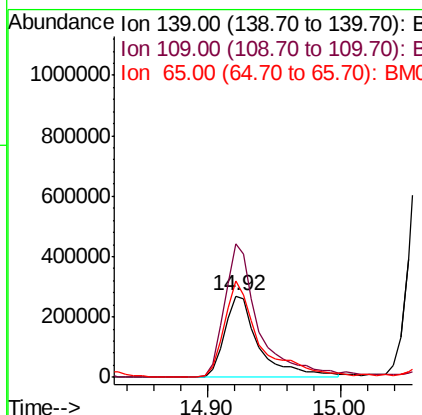
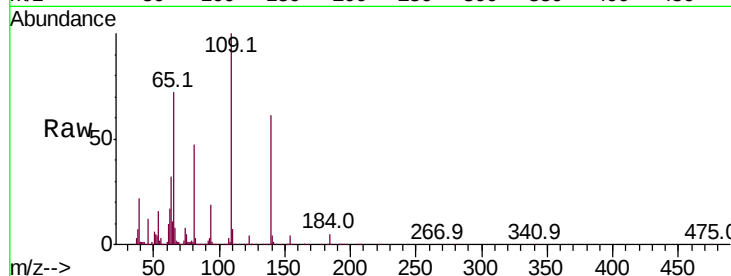




#55
4-Nitrophenol
Concen: 78.223 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

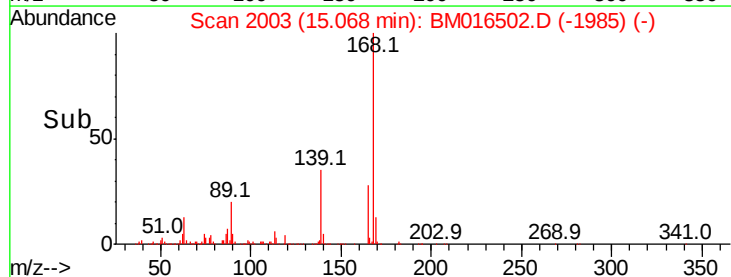
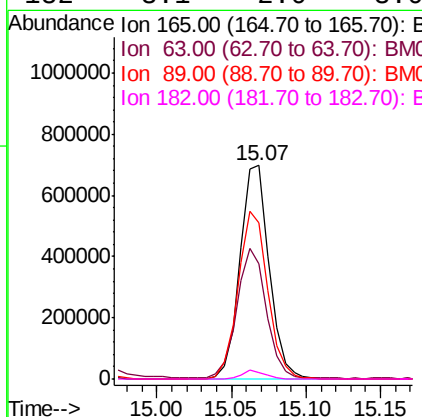
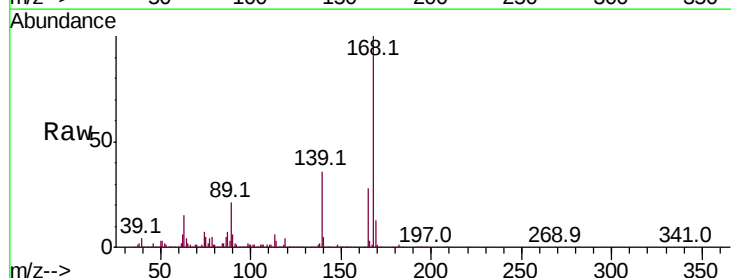
Instrument :
BNA_M
ClientSampled :

Tot Ion:139 Resp: 485923
Ion Ratio Lower Upper
139 100
109 164.6 130.0 170.0
65 118.6 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 53.086 ng
RT: 15.07 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:165 Resp: 947526
Ion Ratio Lower Upper
165 100
63 53.9 52.4 78.6
89 73.2 72.4 108.6
182 3.1 2.0 3.0#

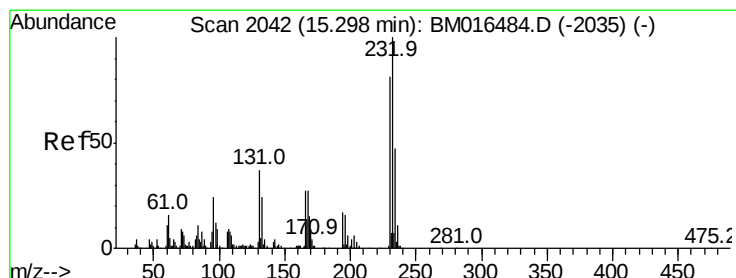
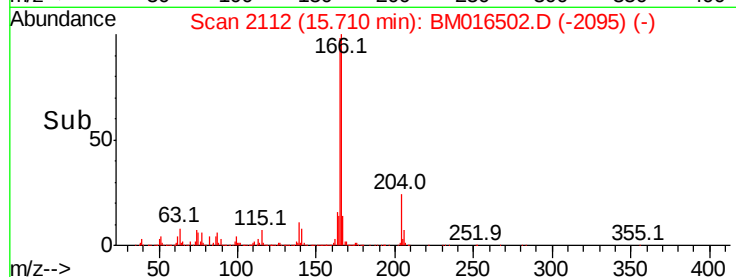
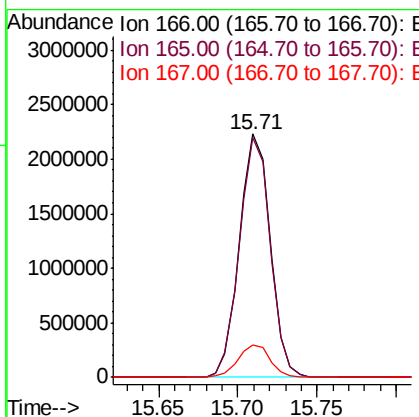
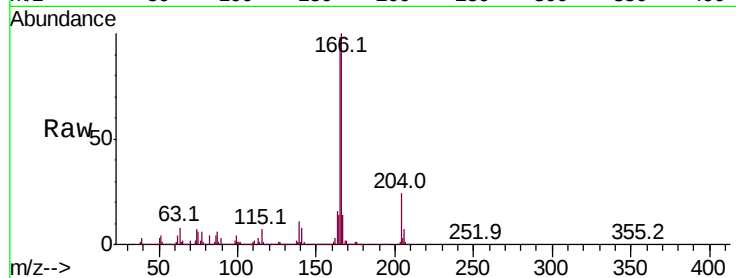




#57
 Fluorene
 Concen: 59.172 ng
 RT: 15.71 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

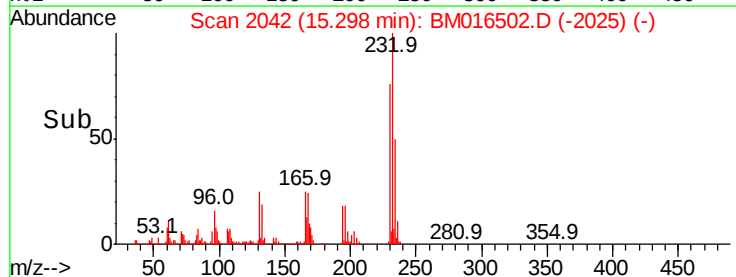
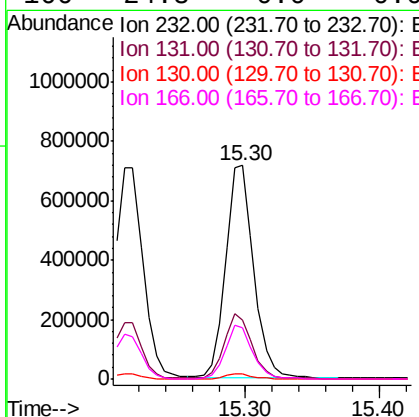
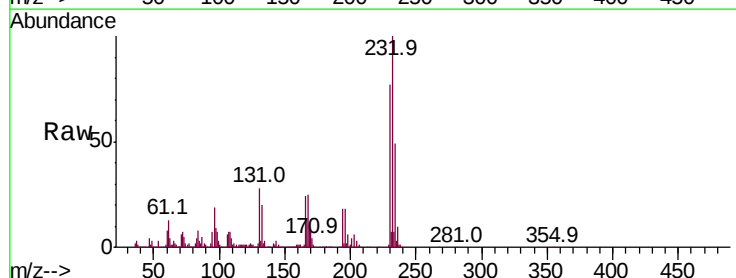
Instrument :
 BNA_M
 ClientSampleId :

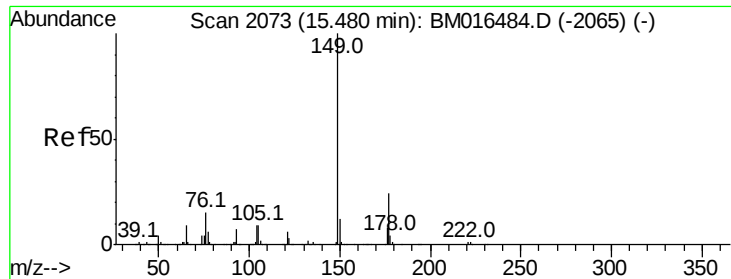
Tot Ion:166 Resp: 3019656
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.0 118.4
 167 13.6 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.570 ng
 RT: 15.30 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion:232 Resp: 1042692
 Ion Ratio Lower Upper
 232 100
 131 30.0 0.0 0.0#
 130 2.3 0.0 0.0#
 166 24.8 0.0 0.0#

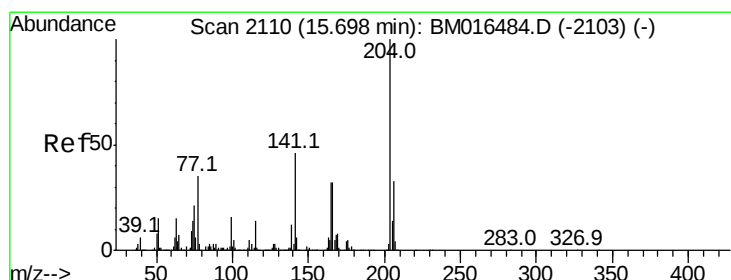
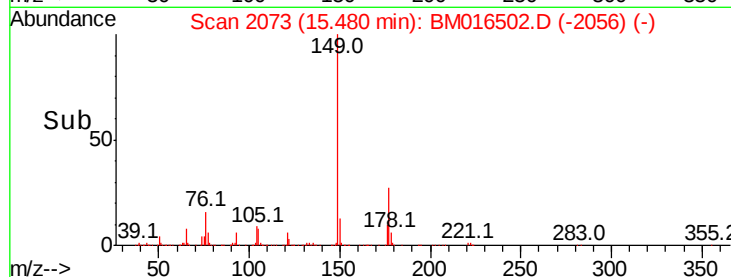
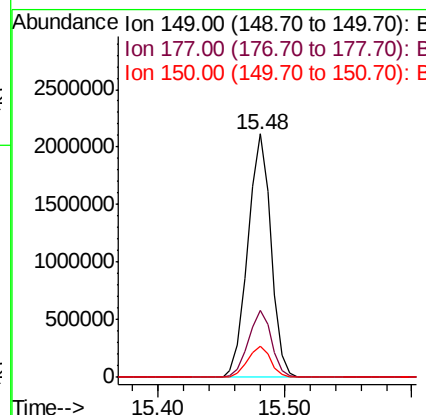
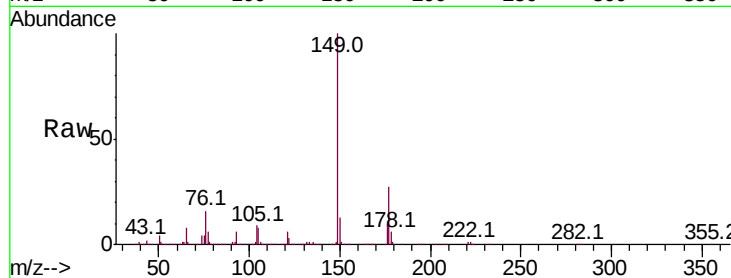




#59
Diethylphthalate
Concen: 46.685 ng
RT: 15.48 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

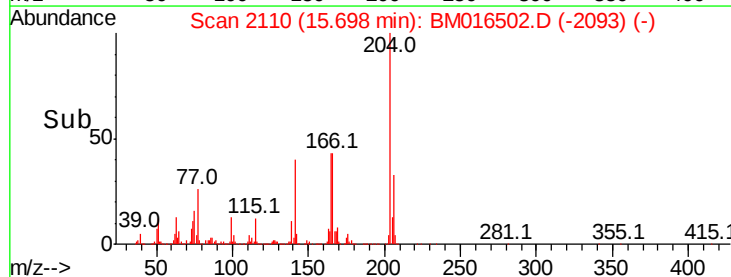
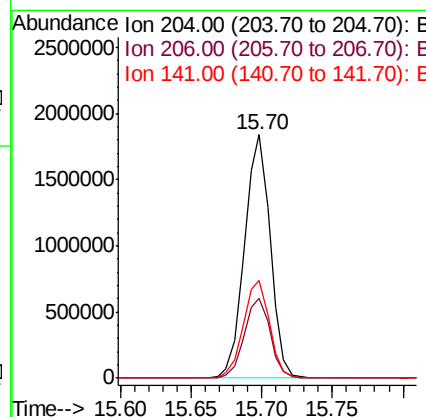
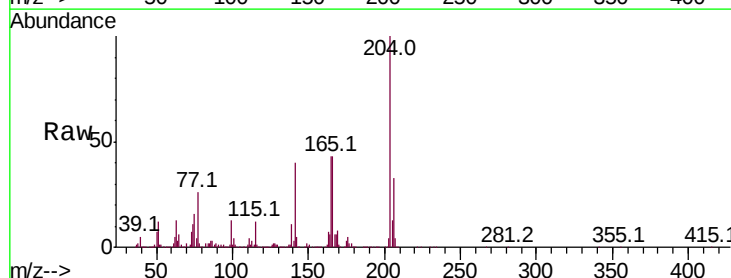
Instrument :
BNA_M
ClientSampled :

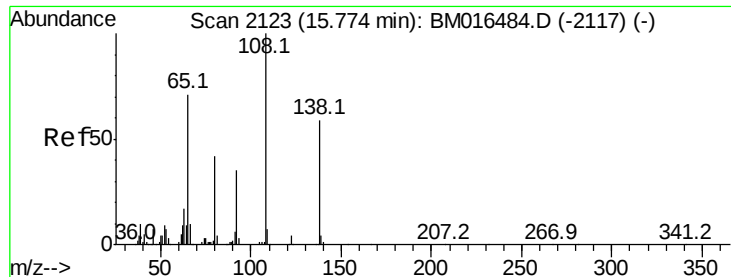
Tot Ion:149 Resp: 2671334
Ion Ratio Lower Upper
149 100
177 27.3 18.3 27.5
150 12.9 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 54.666 ng
RT: 15.70 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:204 Resp: 2339460
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 40.1 45.2 67.8#

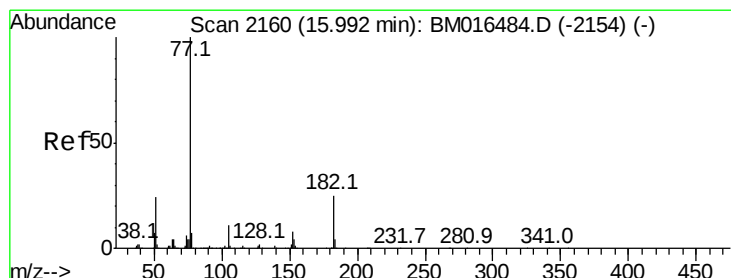
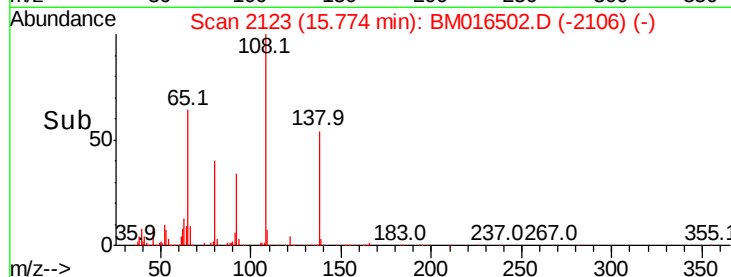
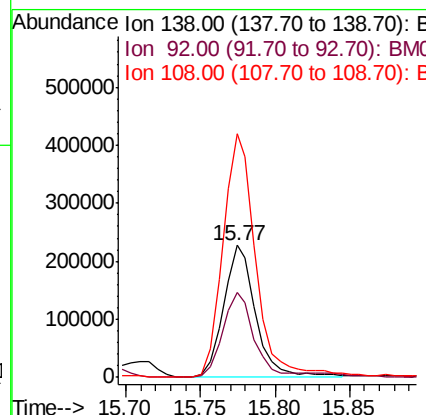
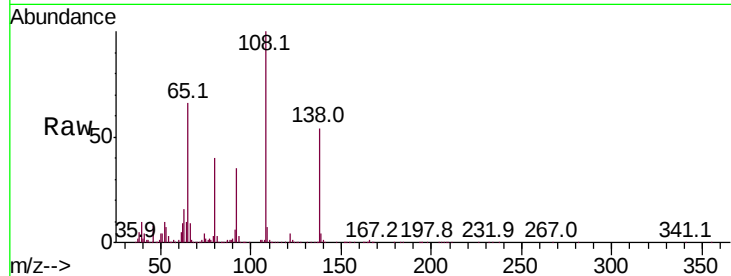




#61
4-Nitroaniline
Concen: 35.660 ng
RT: 15.77 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

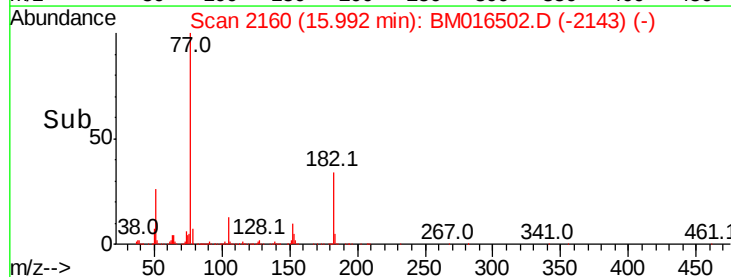
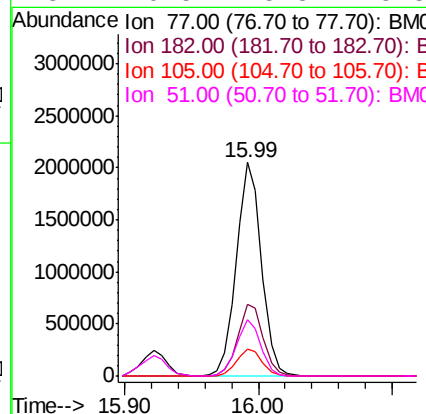
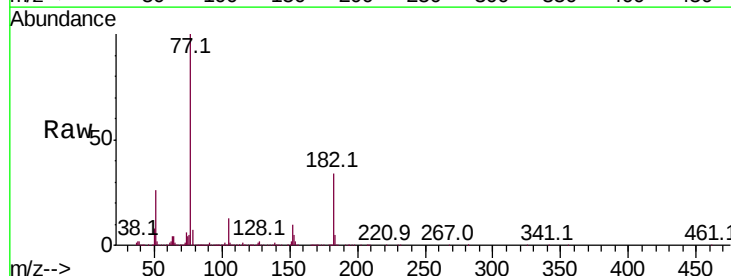
Instrument :
BNA_M
ClientSampleId :

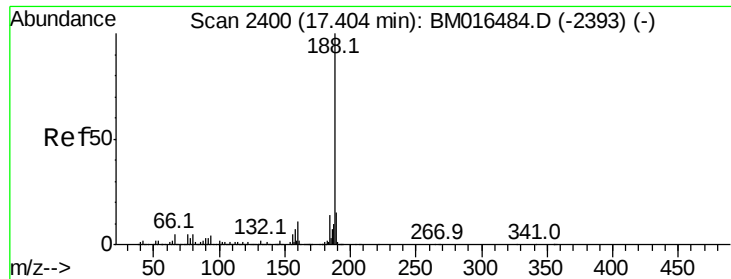
Tot Ion:138 Resp: 339430
Ion Ratio Lower Upper
138 100
92 64.0 16.7 56.7#
108 184.6 37.6 77.6#



#62
Azobenzene
Concen: 43.932 ng
RT: 15.99 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion: 77 Resp: 2677495
Ion Ratio Lower Upper
77 100
182 33.7 6.5 46.5
105 12.8 3.8 43.8
51 26.5 5.5 45.5

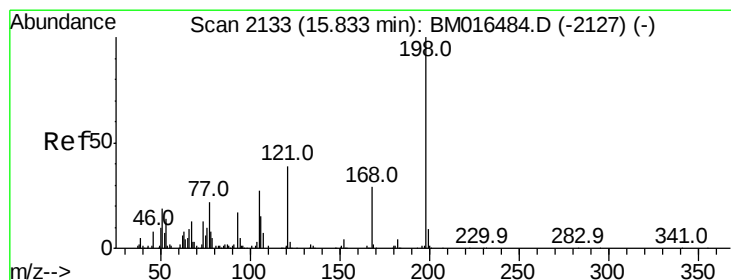
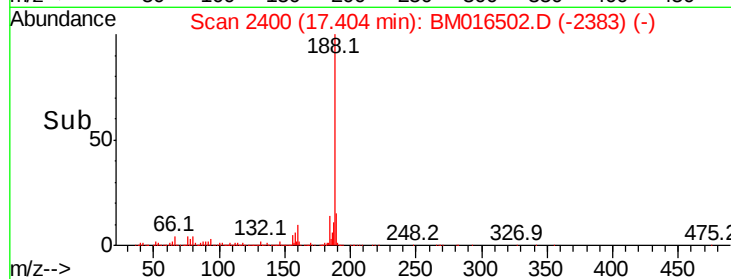
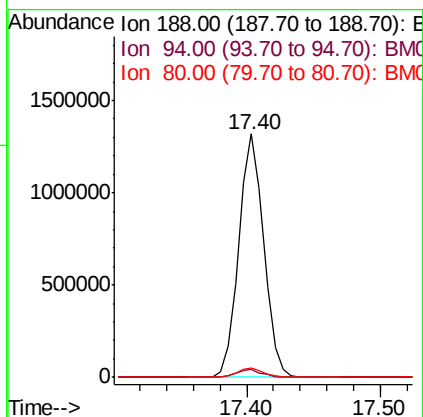
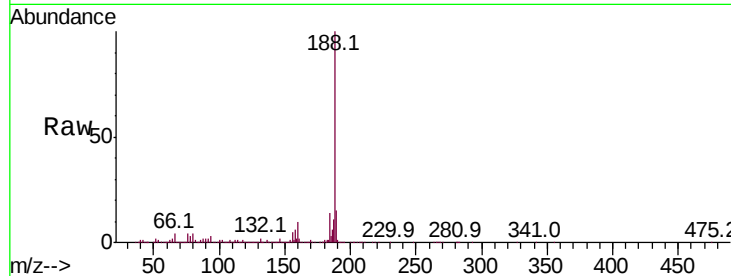




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

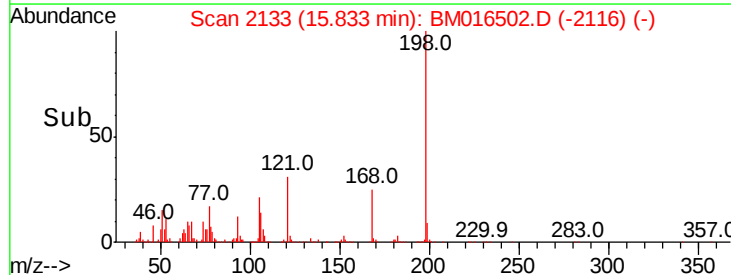
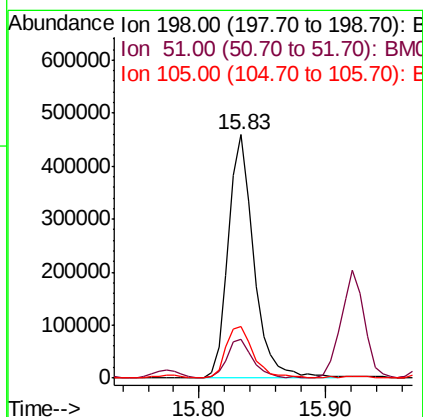
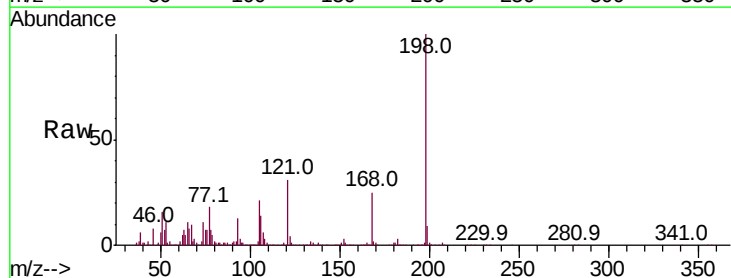
Instrument :
BNA_M
ClientSampleId :

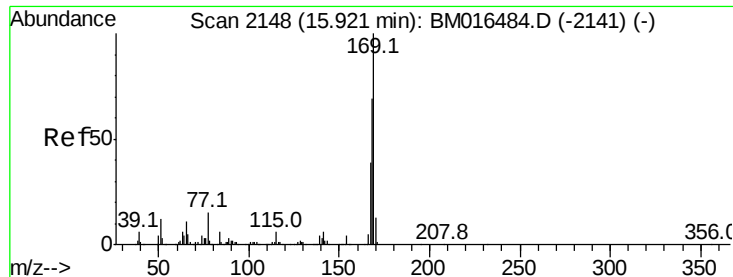
Tot Ion:188 Resp: 1707349
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 4.0 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 49.283 ng
RT: 15.83 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:198 Resp: 639346
Ion Ratio Lower Upper
198 100
51 16.0 28.8 68.8#
105 21.4 30.5 70.5#

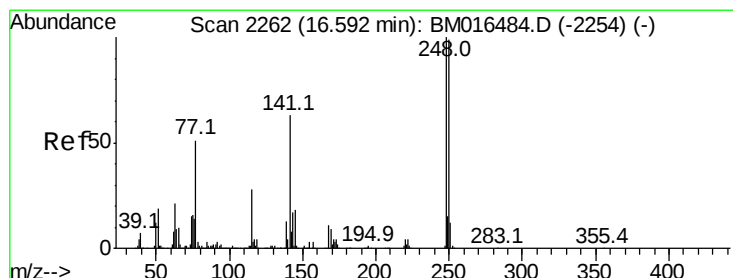
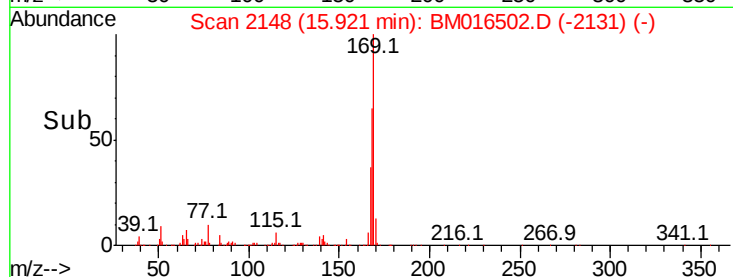
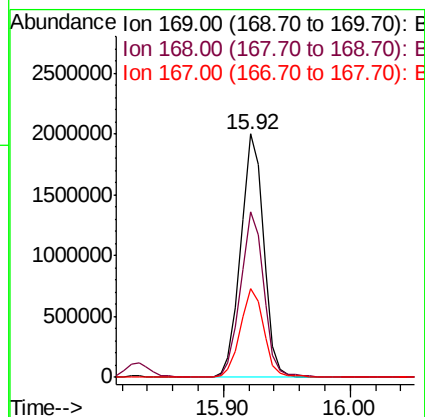
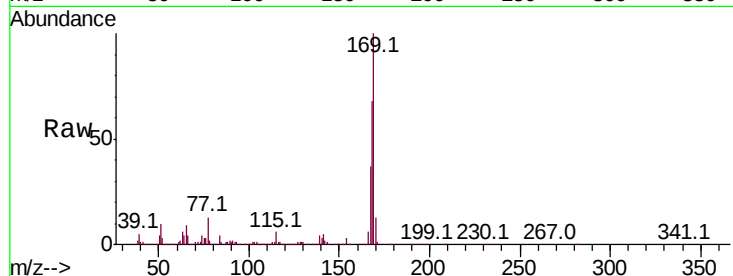




#65
n-Nitrosodiphenylamine
Concen: 51.777 ng
RT: 15.92 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

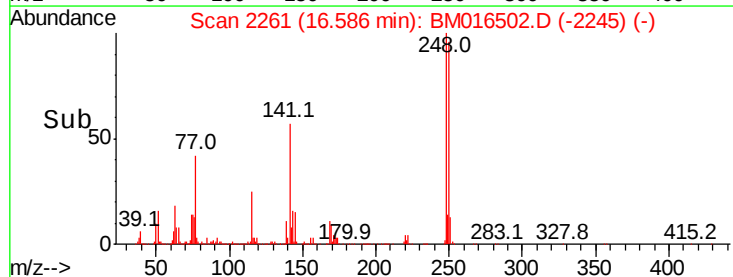
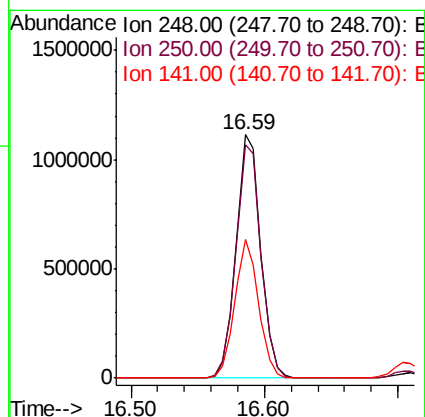
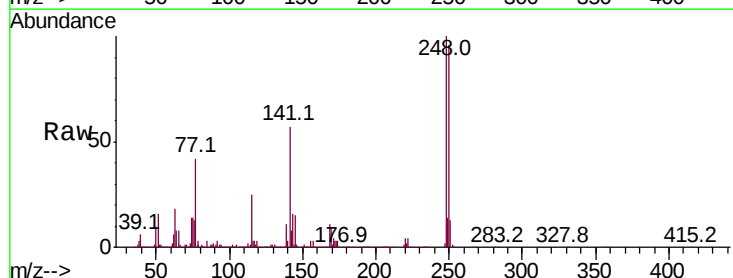
Instrument :
BNA_M
ClientSampled :

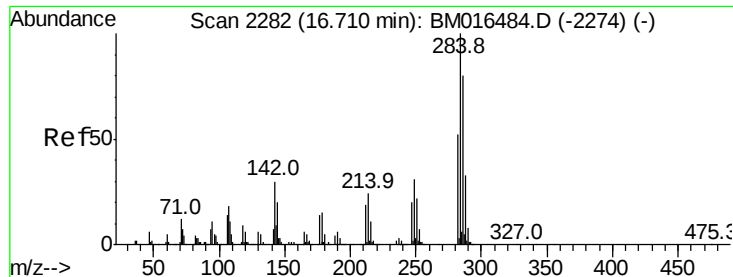
Tot Ion:169 Resp: 2486909
Ion Ratio Lower Upper
169 100
168 67.8 53.9 80.9
167 36.6 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 54.755 ng
RT: 16.59 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:248 Resp: 1436442
Ion Ratio Lower Upper
248 100
250 95.7 77.4 116.0
141 57.0 45.2 67.8

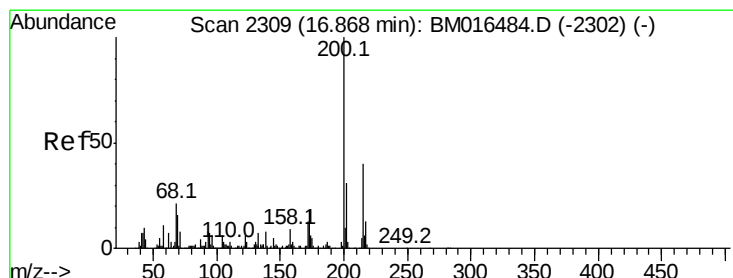
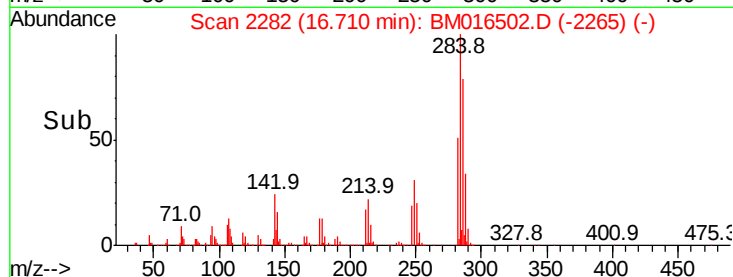
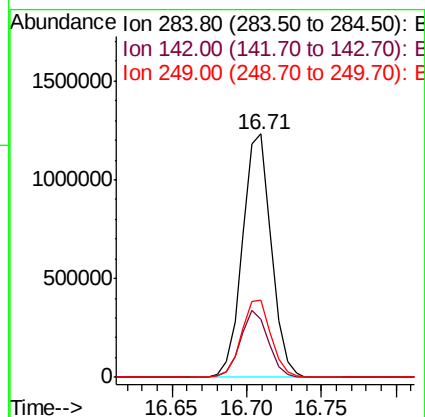
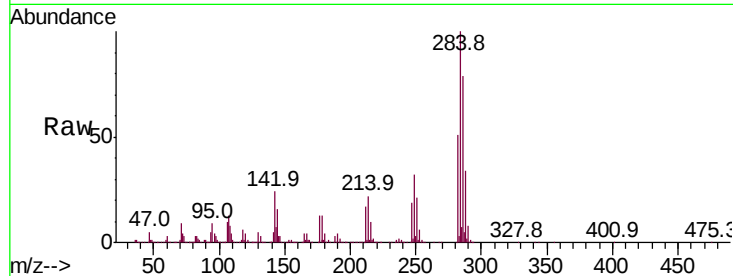




#67
Hexachlorobenzene
Concen: 53.688 ng
RT: 16.71 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

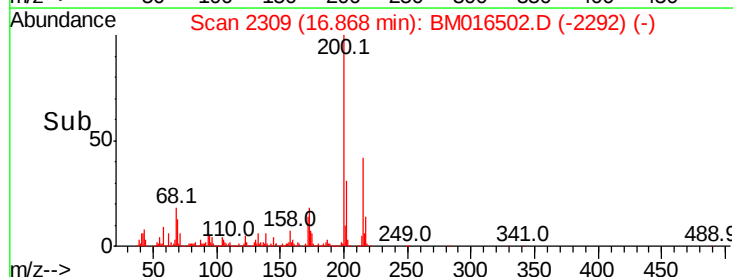
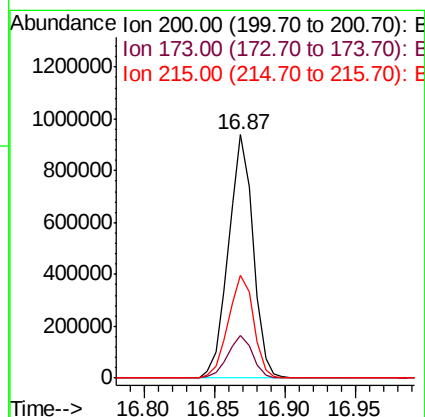
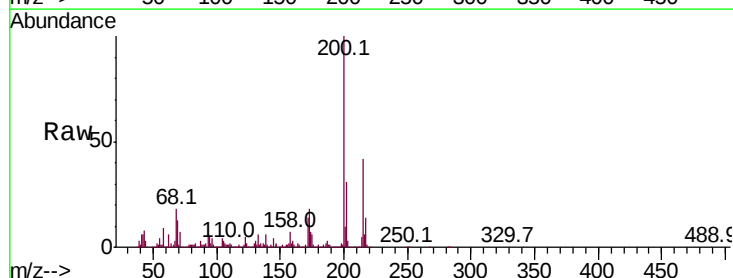
Instrument :
BNA_M
ClientSampleId :

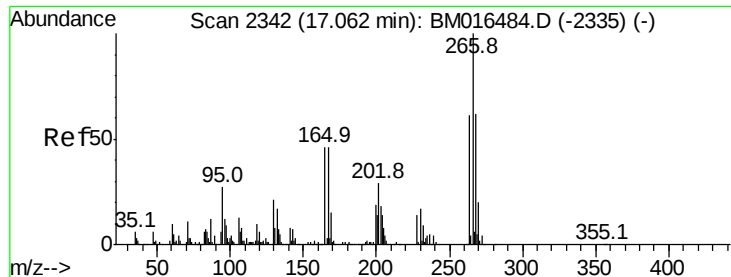
Tot Ion:284 Resp: 1642526
Ion Ratio Lower Upper
284 100
142 23.8 20.4 30.6
249 31.8 23.8 35.6



#68
Atrazine
Concen: 51.955 ng
RT: 16.87 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:200 Resp: 1138854
Ion Ratio Lower Upper
200 100
173 17.7 4.8 44.8
215 42.1 26.9 66.9



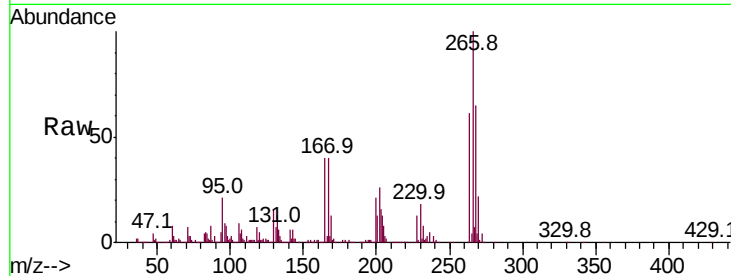


#69
 Pentachlorophenol
 Concen: 98.094 ng
 RT: 17.06 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

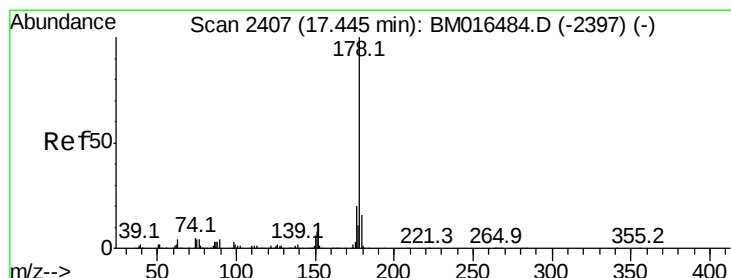
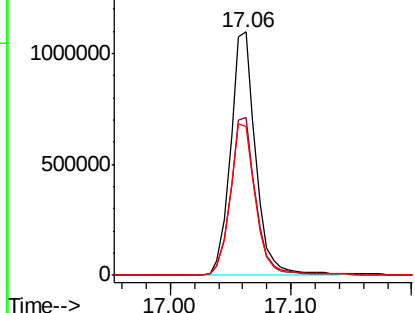
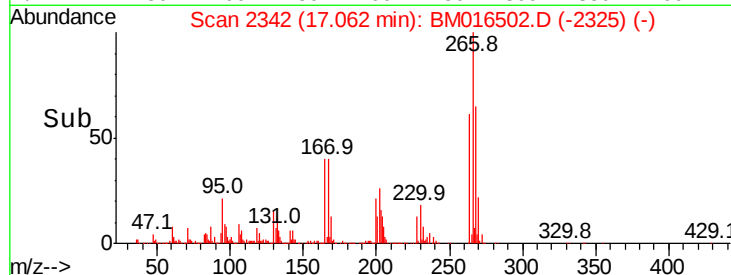
Instrument :
 BNA_M
 ClientSampled :

Tot Ion:266 Resp: 1587882

Ion	Ratio	Lower	Upper
266	100		
268	65.1	52.0	78.0
264	61.3	49.0	73.4



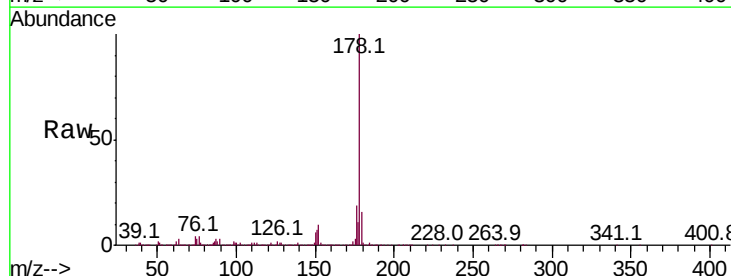
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



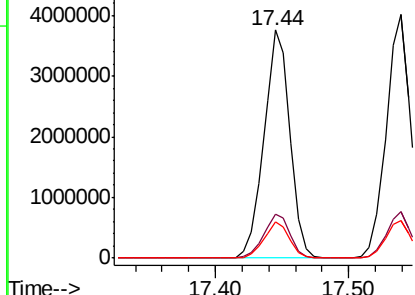
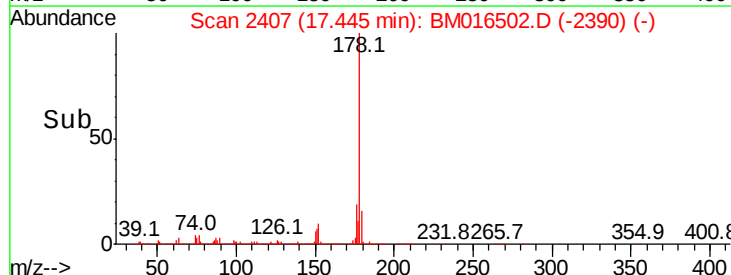
#70
 Phenanthrene
 Concen: 57.016 ng
 RT: 17.44 min Scan# 2407
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

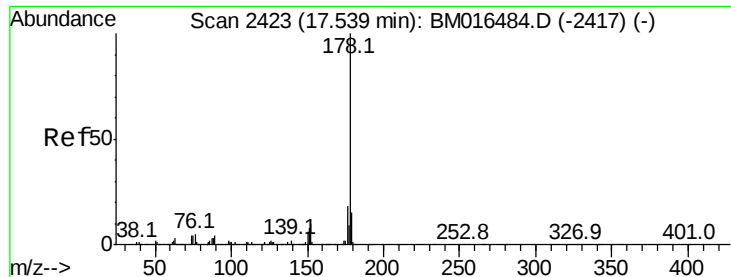
Tgt Ion:178 Resp: 5031417

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	15.8	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



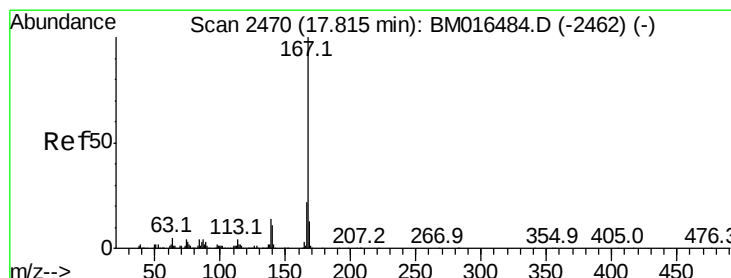
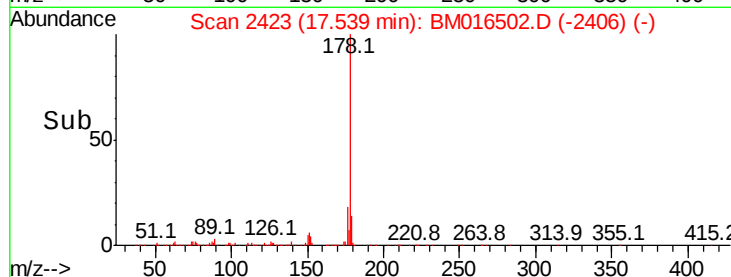
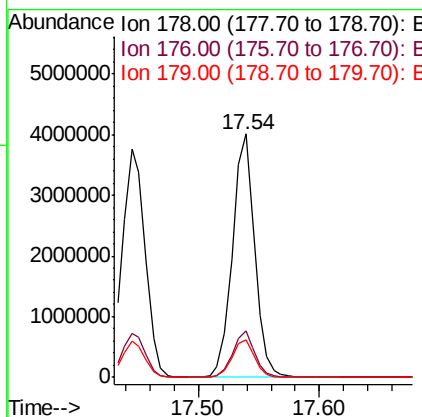
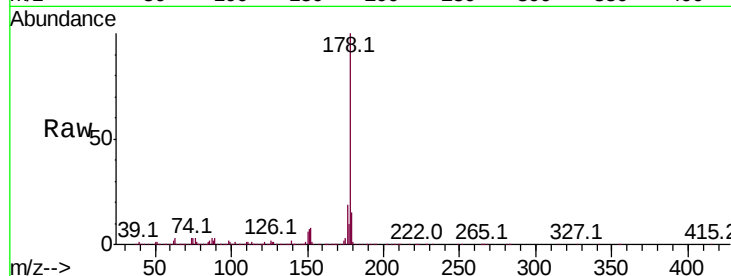


#71
 Anthracene
 Concen: 58.717 ng
 RT: 17.54 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 5145244

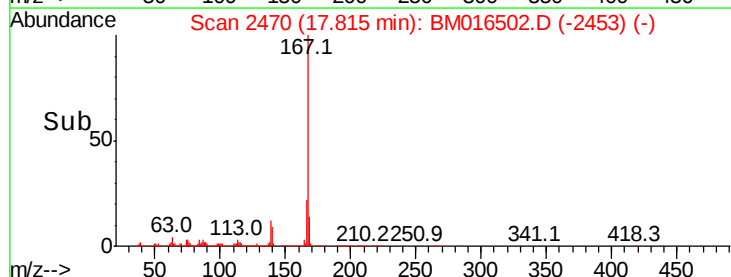
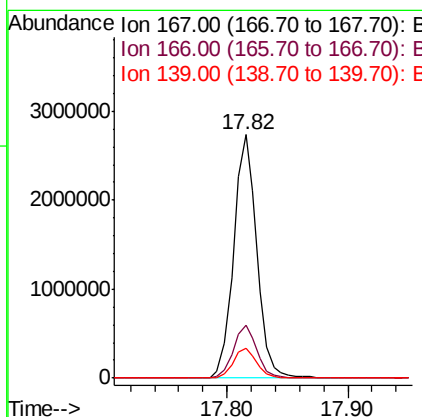
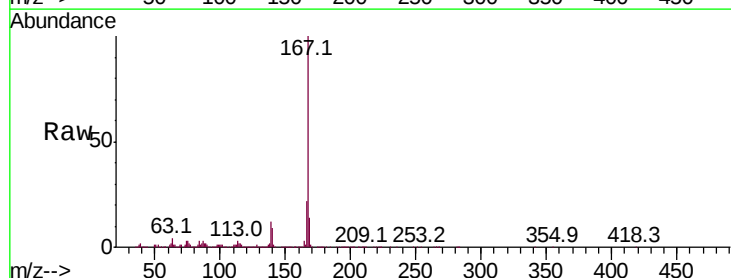
Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.2	12.6	19.0

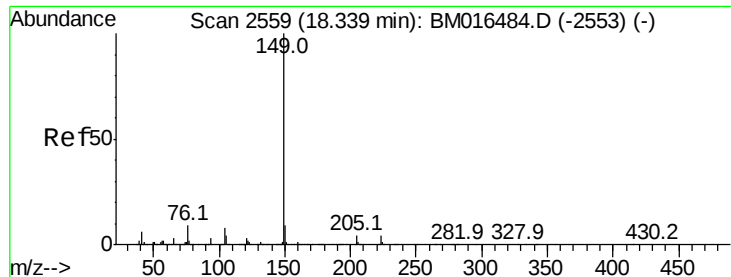


#72
 Carbazole
 Concen: 46.308 ng
 RT: 17.82 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion:167 Resp: 3646689

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.4	10.8	16.2

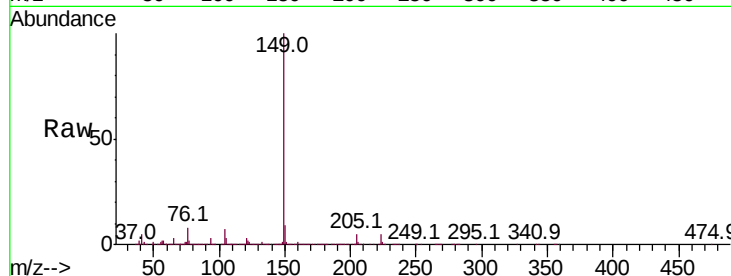




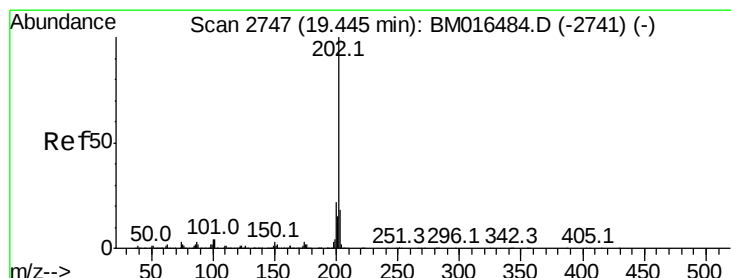
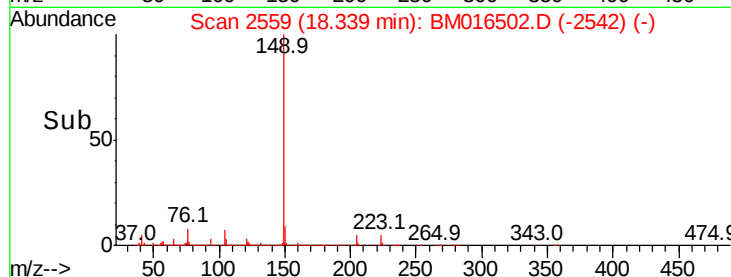
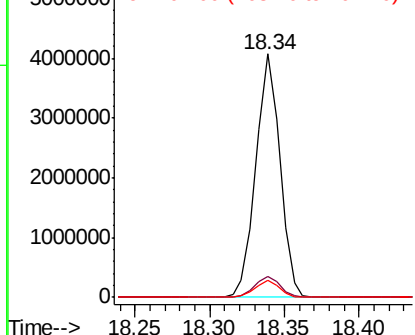
#73
Di-n-butylphthalate
Concen: 47.073 ng
RT: 18.34 min Scan# 2559
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 4519276
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 6.9 3.7 5.5#

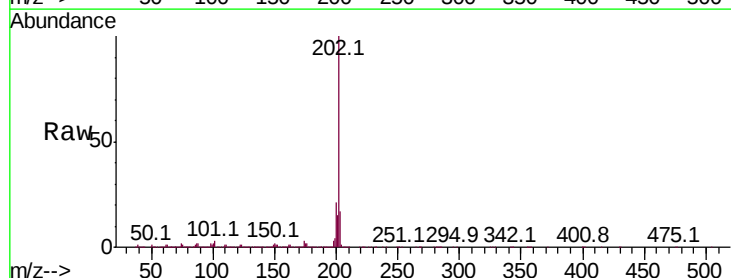


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

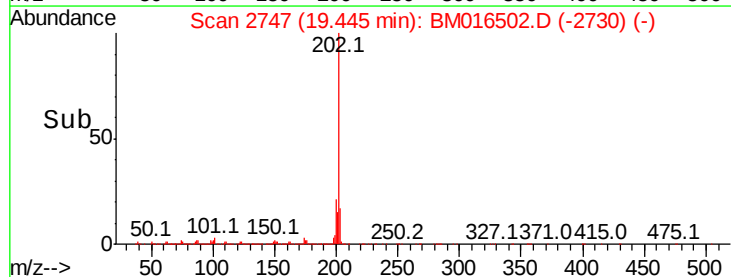
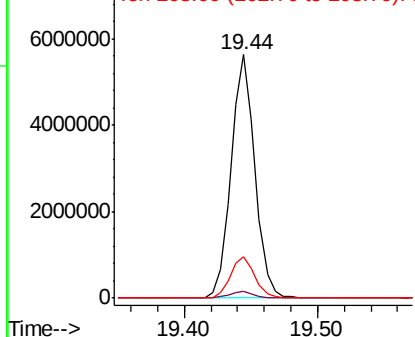


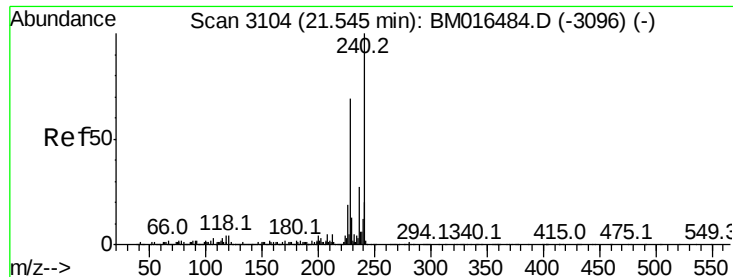
#74
Fluoranthene
Concen: 53.907 ng
RT: 19.44 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:202 Resp: 6974916
Ion Ratio Lower Upper
202 100
101 3.0 0.0 28.7
203 17.0 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

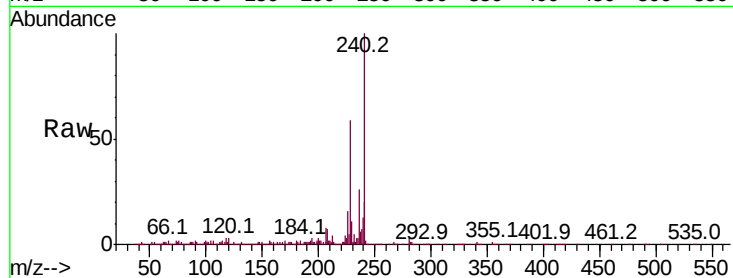
Instrument :

BNA_M

ClientSampled :

Tot Ion:240 Resp: 2003760

Ion	Ratio	Lower	Upper
240	100		
120	2.9	8.2	12.2#
236	26.2	20.0	30.0

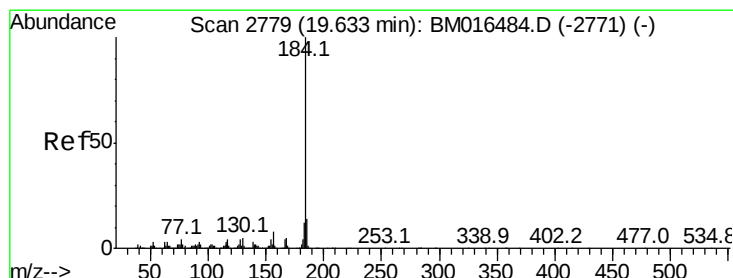
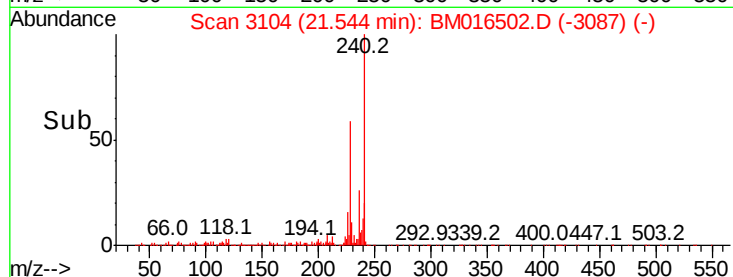
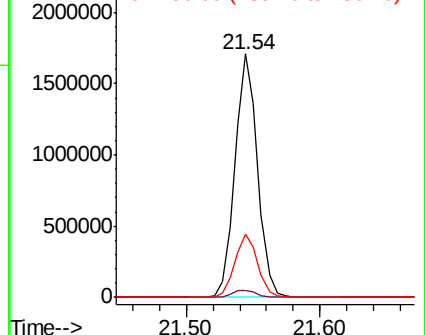


Abundance

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: 4.275 ng

RT: 19.64 min Scan# 2781

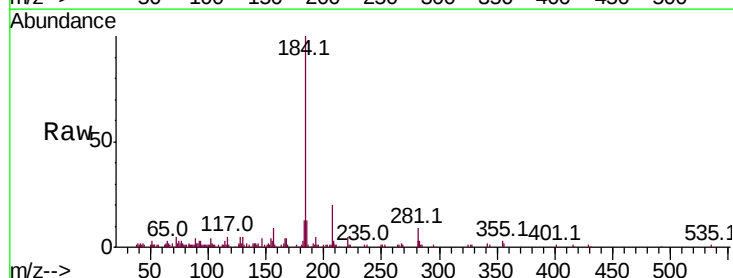
Delta R.T. 0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tgt Ion:184 Resp: 164737

Ion	Ratio	Lower	Upper
184	100		
185	12.9	11.3	16.9
183	12.7	8.9	13.3

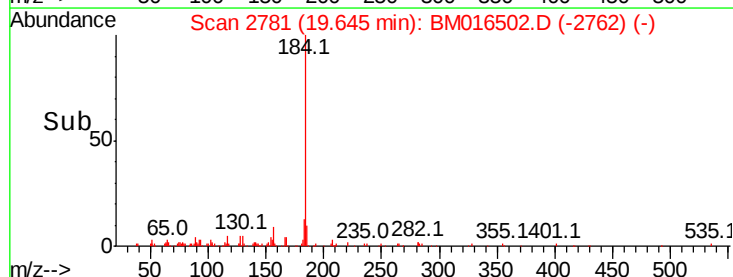
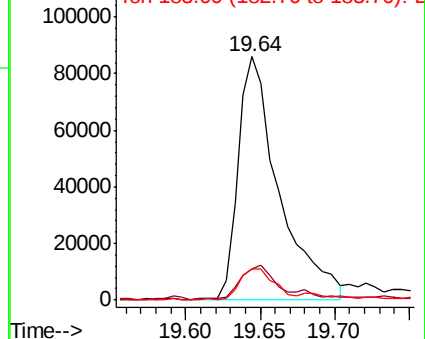


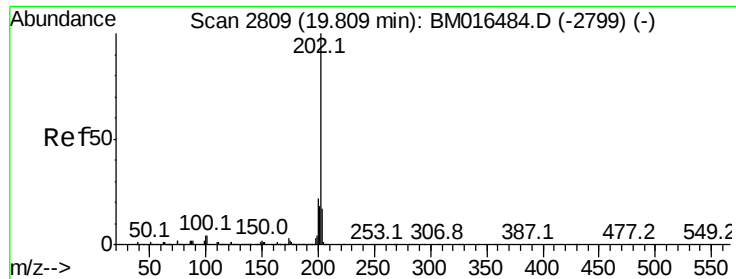
Abundance

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

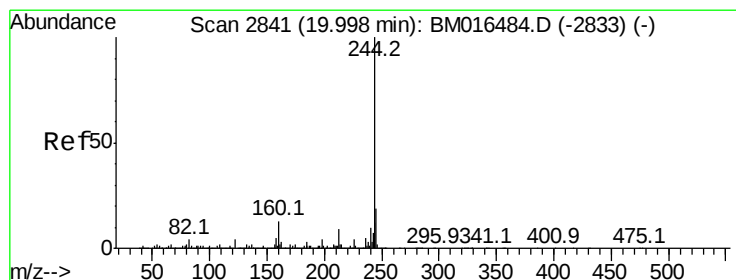
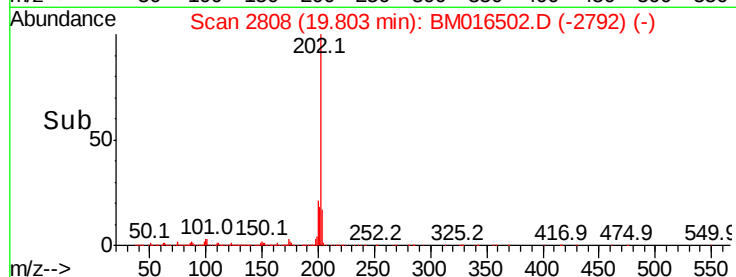
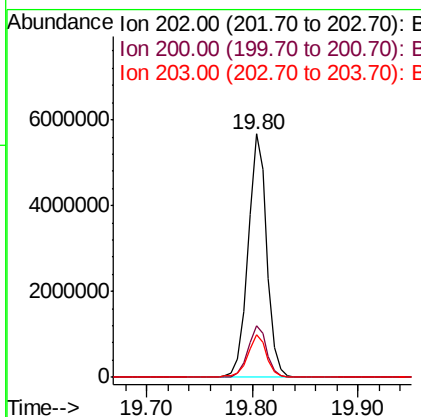
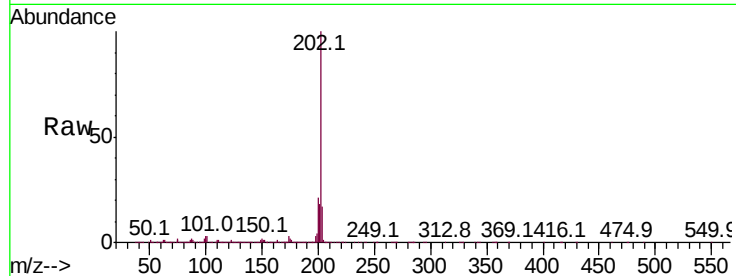




#77
Pvrene
Concen: 63.990 ng
RT: 19.80 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

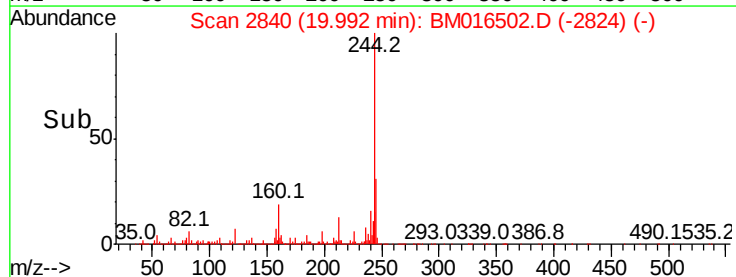
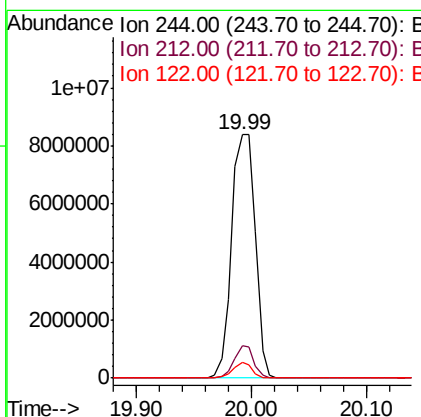
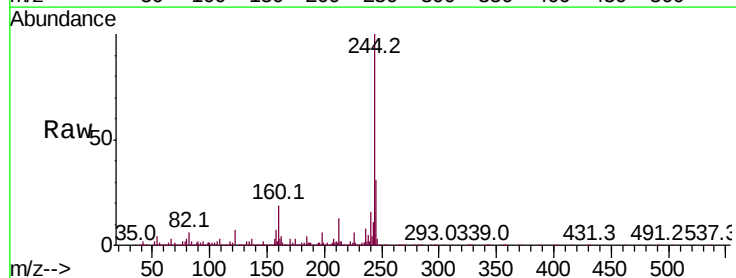
Instrument :
BNA_M
ClientSampleId :

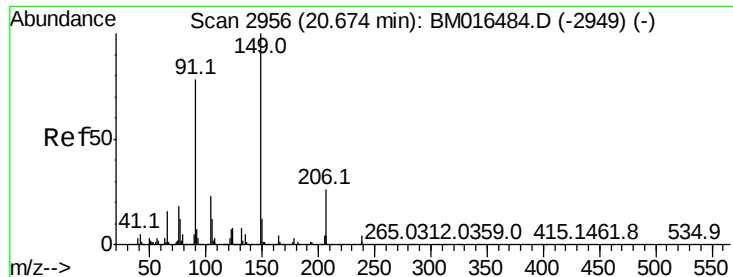
Tot Ion:202 Resp: 6968287
Ion Ratio Lower Upper
202 100
200 21.4 16.9 25.3
203 17.4 14.1 21.1



#78
Terphenyl-d14
Concen: 63.990 ng
RT: 19.99 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:244 Resp:11908924
Ion Ratio Lower Upper
244 100
212 13.3 4.9 7.3#
122 6.5 6.2 9.4

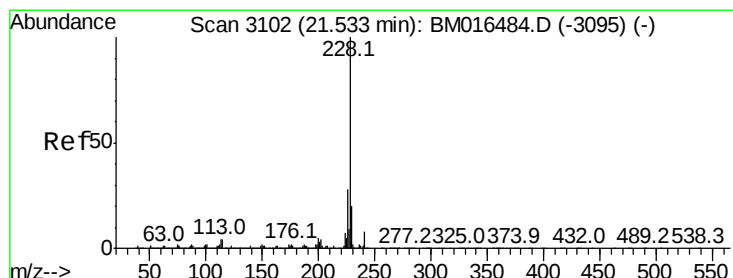
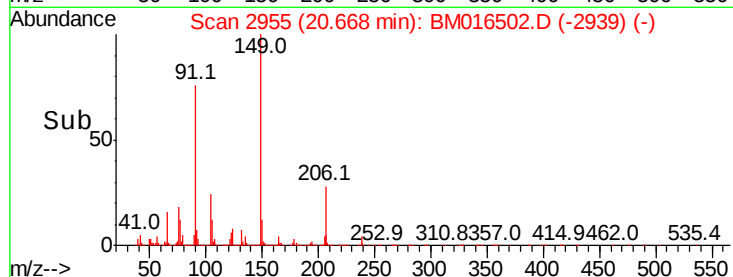
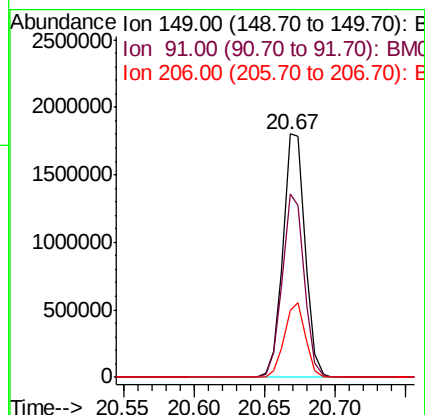
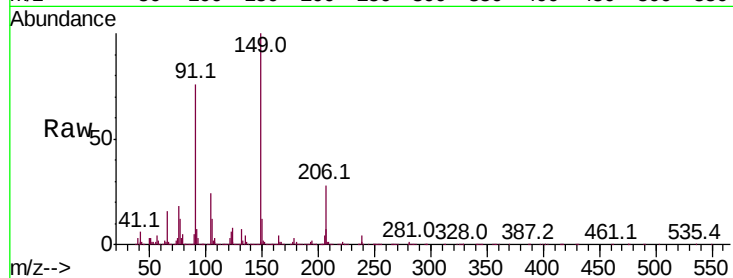




#79
Butylbenzylphthalate
Concen: 52.325 ng
RT: 20.67 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

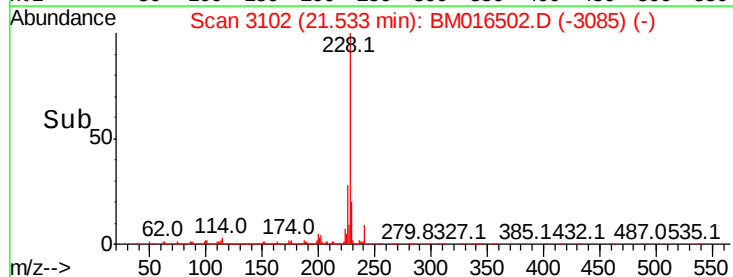
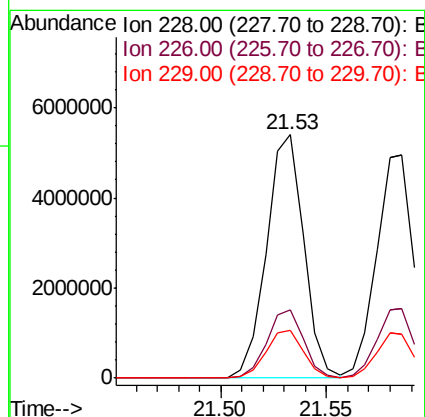
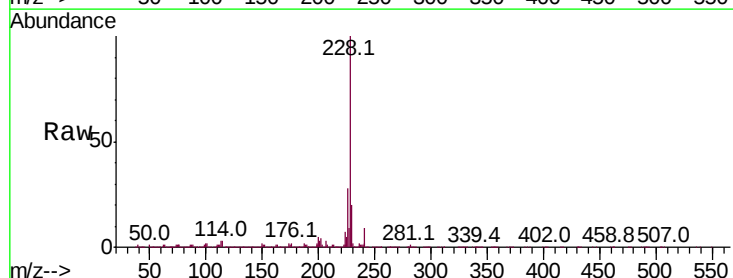
Instrument :
BNA_M
ClientSampled :

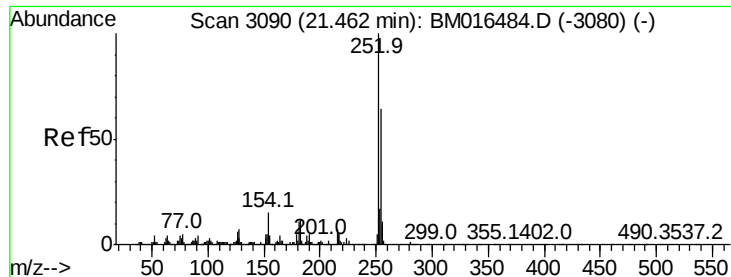
Tot Ion:149 Resp: 1966805
Ion Ratio Lower Upper
149 100
91 75.5 50.1 75.1#
206 27.6 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 56.235 ng
RT: 21.53 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM016502.D
Acq: 22 Aug 2018 02:19

Tgt Ion:228 Resp: 6624648
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.8 16.0 24.0

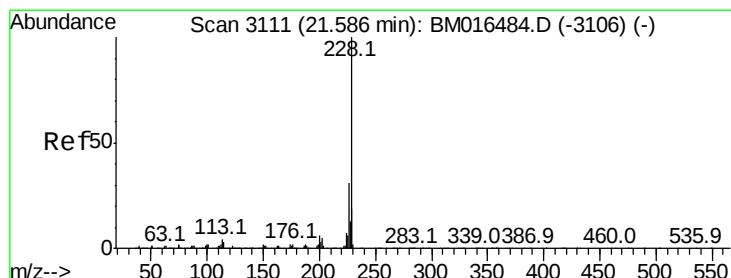
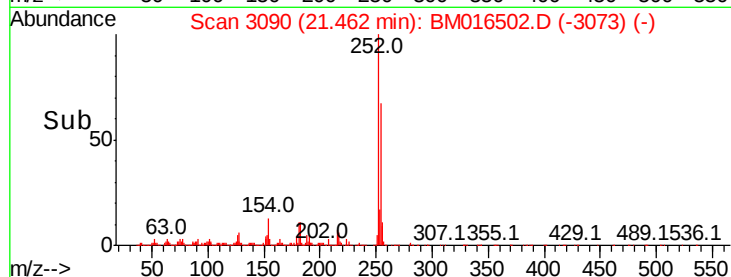
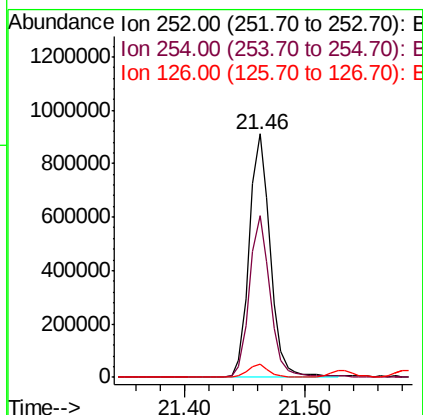
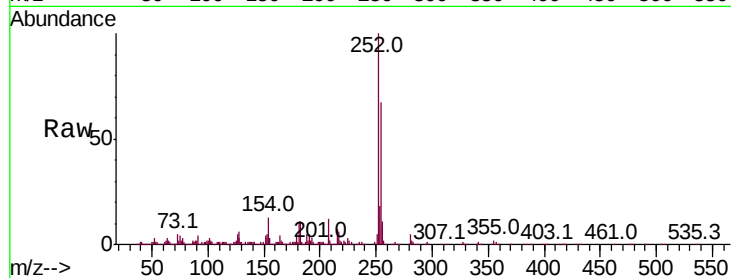




#81
 3,3'-Dichlorobenzidine
 Concen: 21.201 ng
 RT: 21.46 min Scan# 3090
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

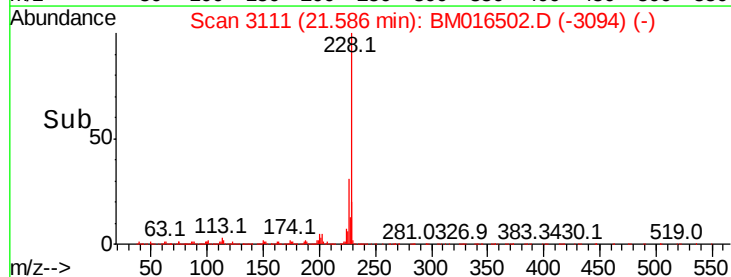
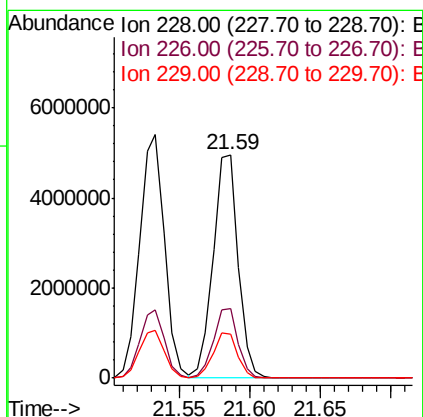
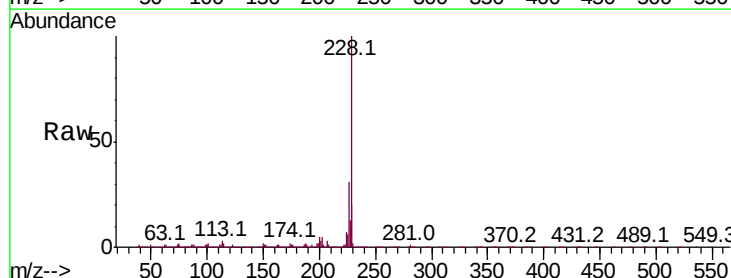
Instrument :
 BNA_M
 ClientSampleId :

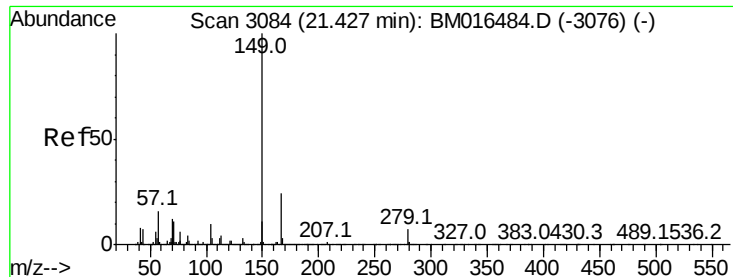
Tot Ion:252 Resp: 1111745
 Ion Ratio Lower Upper
 252 100
 254 66.6 51.9 77.9
 126 5.3 9.8 14.8#



#82
 Chrysene
 Concen: 54.264 ng
 RT: 21.59 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion:228 Resp: 6099323
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.1 36.1
 229 19.7 15.5 23.3

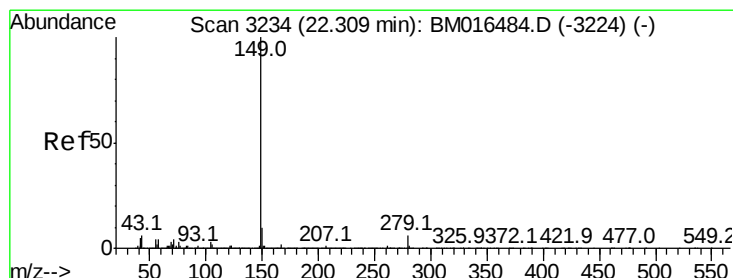
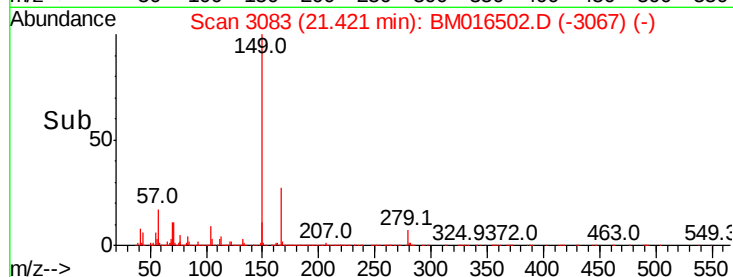
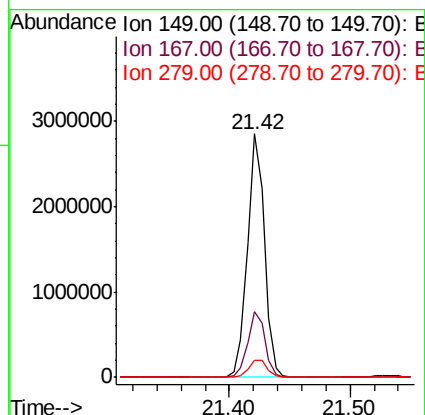
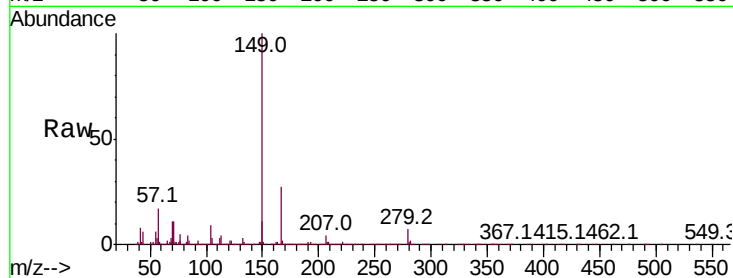




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.221 ng
 RT: 21.42 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

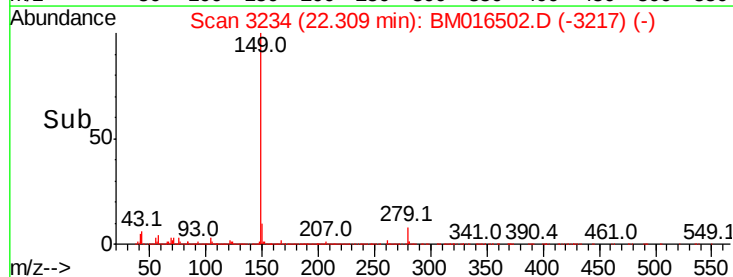
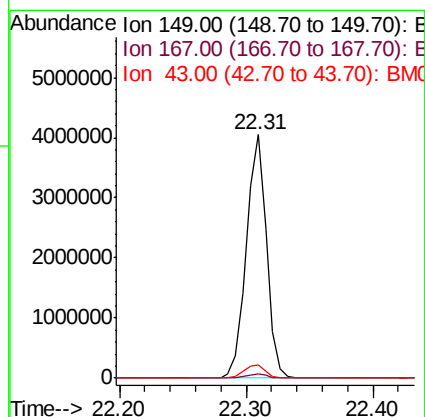
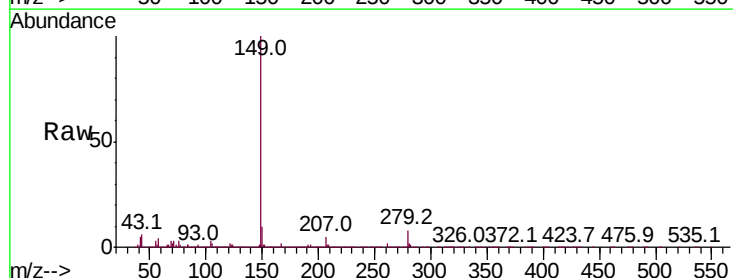
Instrument :
 BNA_M
 ClientSampleId :

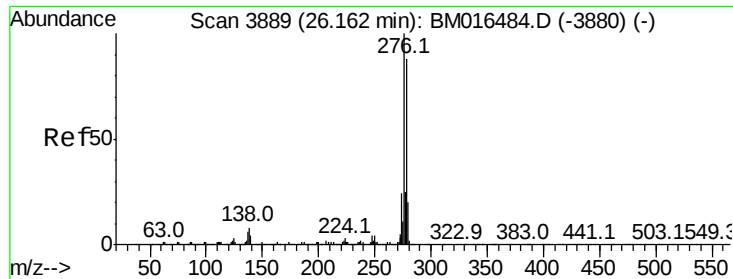
Tot Ion:149 Resp: 2806348
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.4 33.6
 279 7.2 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 47.779 ng
 RT: 22.31 min Scan# 3234
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion:149 Resp: 4436827
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 5.8 7.3 10.9#

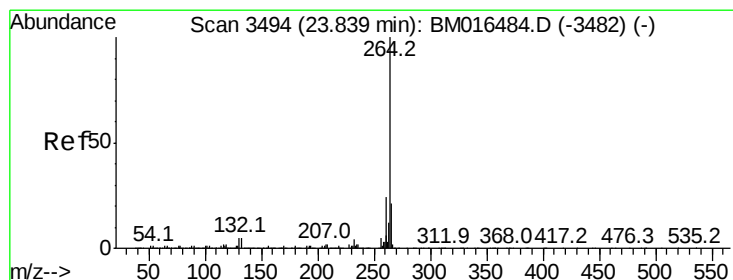
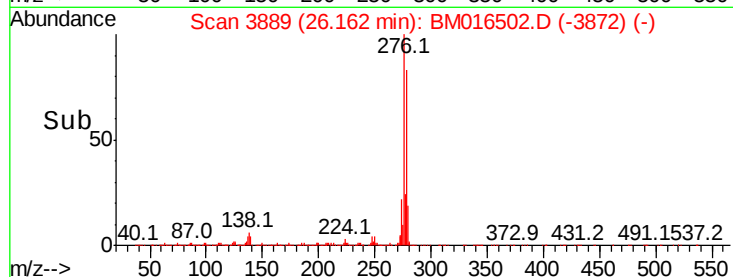
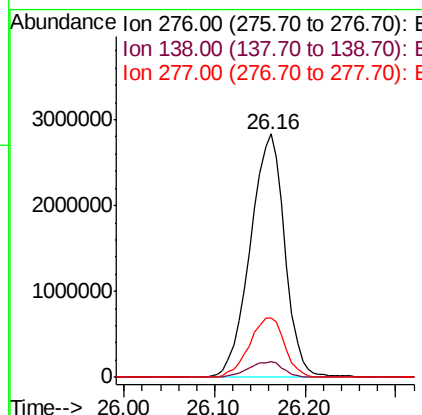
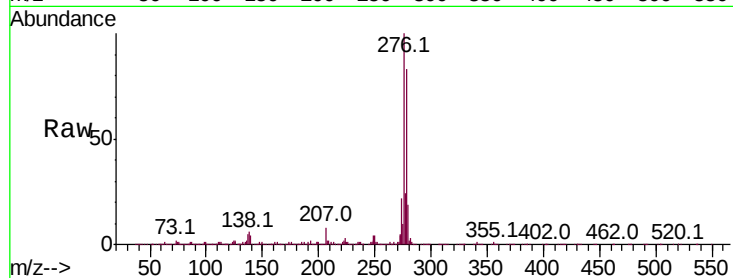




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.235 ng
 RT: 26.16 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

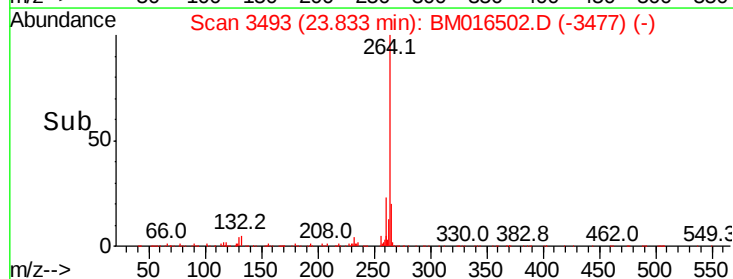
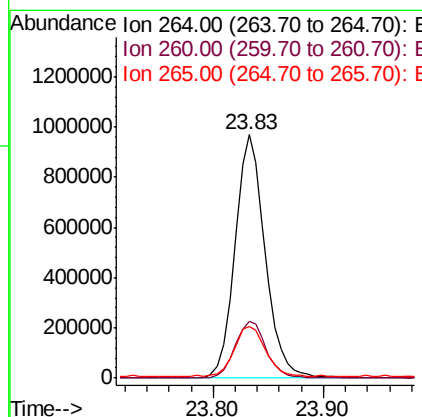
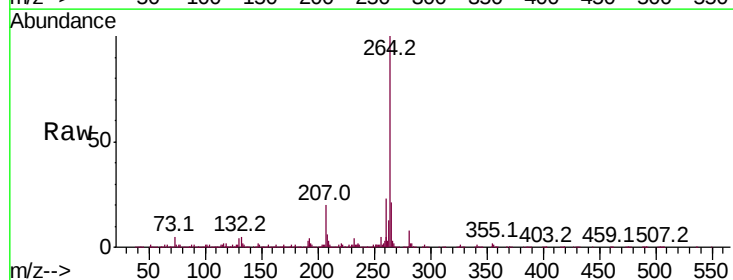
Instrument :
 BNA_M
 ClientSampleId :

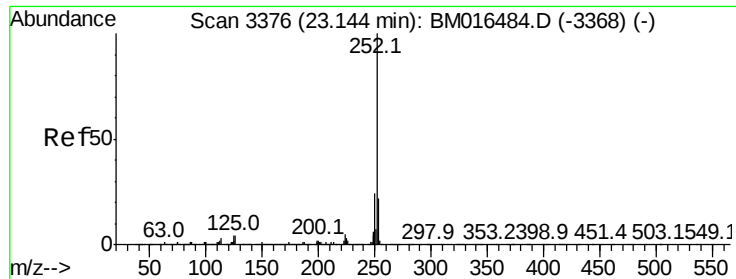
Tot Ion	Ratio	Lower	Upper
276	100		
138	6.6	12.0	18.0#
277	25.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.83 min Scan# 3493
 Delta R.T. -0.01 min
 Lab File: BM016502.D
 Acq: 22 Aug 2018 02:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 63.017 ng

RT: 23.14 min Scan# 3376

Delta R.T. -0.00 min

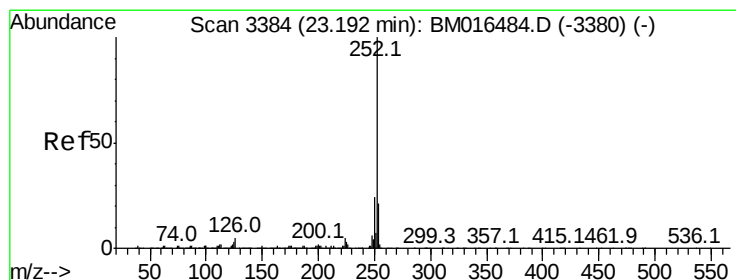
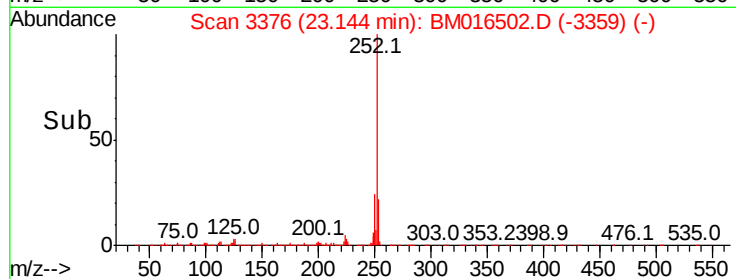
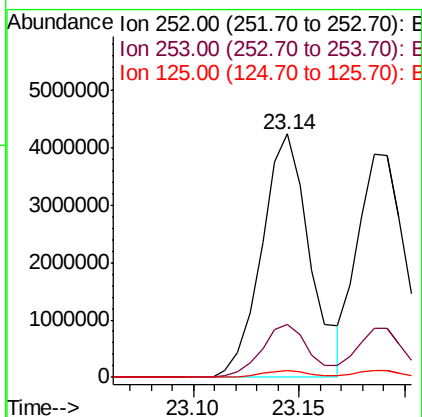
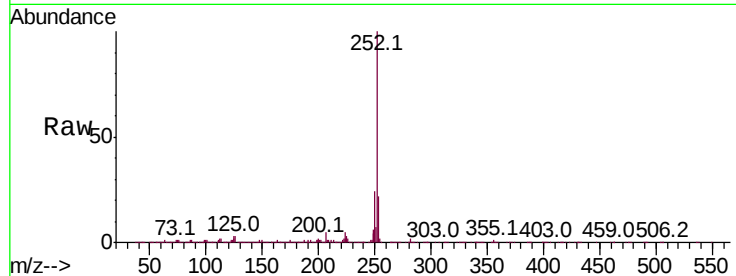
Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 6726134

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	2.7	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 56.394 ng

RT: 23.19 min Scan# 3383

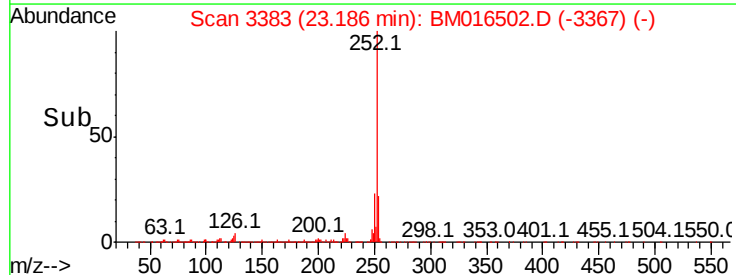
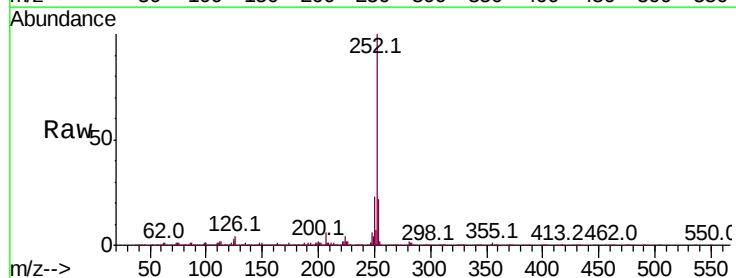
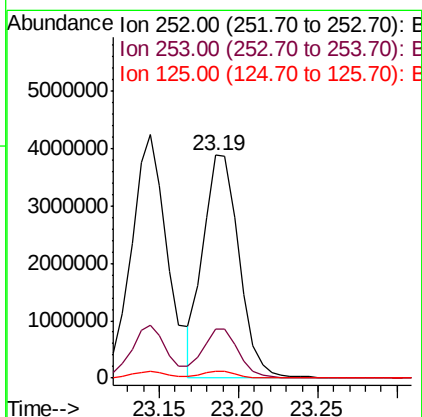
Delta R.T. -0.01 min

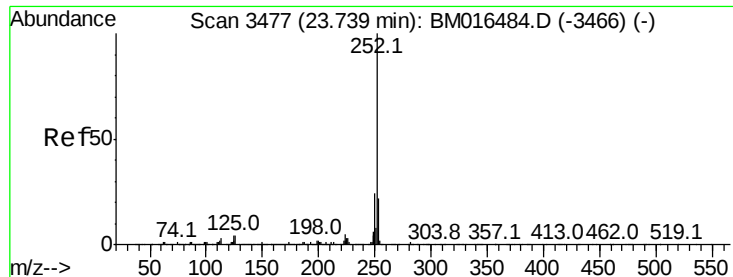
Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Tgt Ion:252 Resp: 6124462

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	2.9	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 58.083 ng

RT: 23.74 min Scan# 3477

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

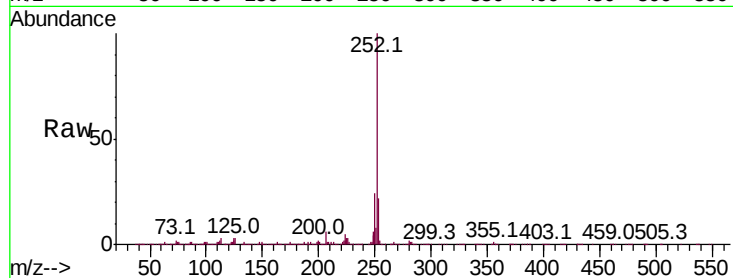
Tot Ion:252 Resp: 6032184

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

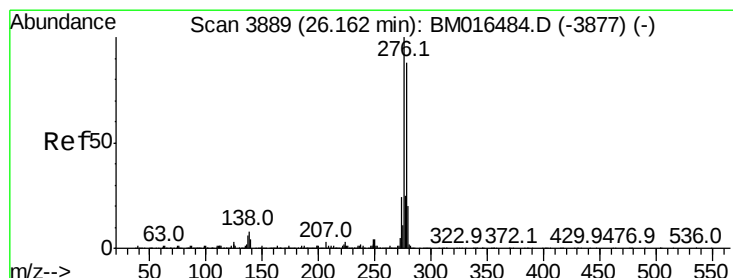
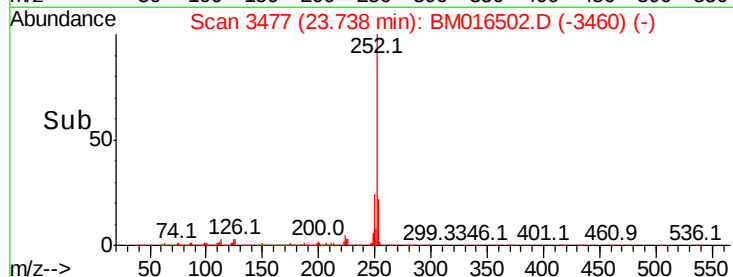
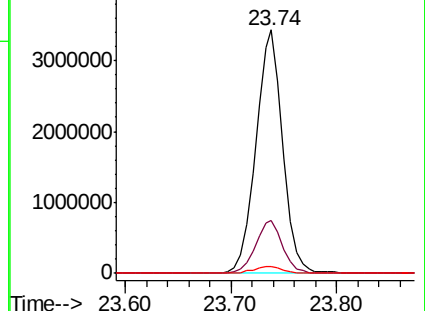
125 2.9 7.4 11.2#



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: 54.692 ng

RT: 26.16 min Scan# 3888

Delta R.T. -0.01 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

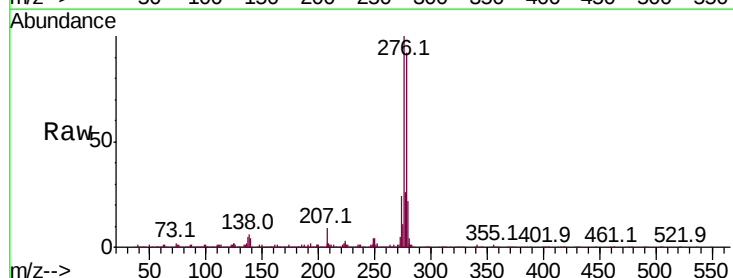
Tgt Ion:278 Resp: 6365714

Ion Ratio Lower Upper

278 100

139 4.0 13.4 20.0#

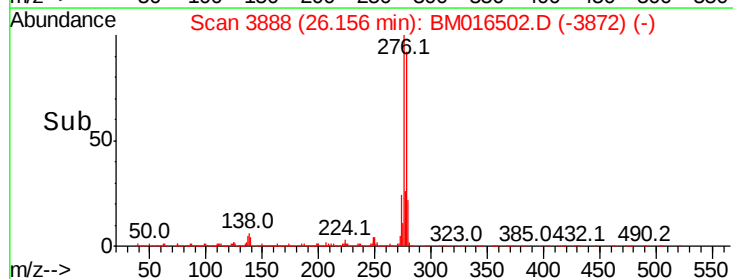
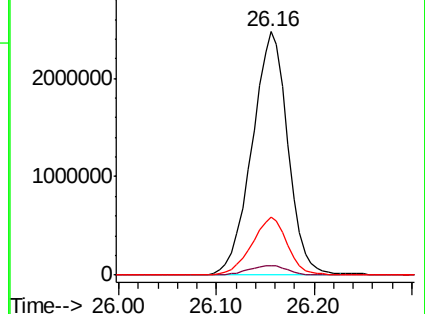
279 23.9 19.0 28.4

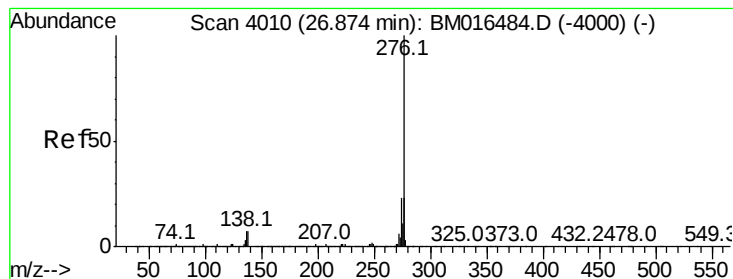


Abundance Ion 278.00 (277.70 to 278.70): E

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: 54.953 ng

RT: 26.87 min Scan# 4010

Delta R.T. -0.00 min

Lab File: BM016502.D

Acq: 22 Aug 2018 02:19

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 5741386

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 6.0 19.0 28.6#

