

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016440.D
 Acq On : 17 Aug 2018 15:38
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 17 16:09:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 14:37:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21262	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	94738	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	60237	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	136991	20.00	ng	0.00
75) Chrysene-d12	21.59	240	190257	20.00	ng	0.00
86) Perylene-d12	23.90	264	135983	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	194810	152.20	ng	0.00
7) Phenol-d6	7.24	99	288244	172.44	ng	0.00
23) Nitrobenzene-d5	9.26	82	386327	189.67	ng	0.01
41) 2,4,6-Tribromophenol	16.20	330	169924	222.41	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1145777	231.44	ng	0.00
78) Terphenyl-d14	20.04	244	2339084	257.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.40	88	46647	77.782	ng	# 100
3) Pyridine	3.83	79	100413	69.504	ng	# 60
4) n-Nitrosodimethylamine	3.75	42	111858	99.267	ng	# 23
6) Aniline	7.40	93	145017	75.347	ng	# 85
8) 2-Chlorophenol	7.62	128	130830	86.002	ng	# 98
9) Benzaldehyde	7.21	77	71949	61.263	ng	# 85
10) Phenol	7.26	94	138305	82.745	ng	# 84
11) bis(2-Chloroethyl)ether	7.49	93	101026	76.509	ng	# 89
12) 1,3-Dichlorobenzene	7.94	146	148475	83.382	ng	# 85
13) 1,4-Dichlorobenzene	8.09	146	149789	82.943	ng	# 93
14) 1,2-Dichlorobenzene	8.41	146	156227	88.410	ng	# 93
15) Benzyl Alcohol	8.32	79	130270	97.874	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.58	45	129154	63.909	ng	# 93
17) 2-Methylphenol	8.52	107	100144	87.657	ng	# 76
18) Hexachloroethane	9.13	117	77291	99.010	ng	# 89
19) n-Nitroso-di-n-propylamine	8.89	70	116349	95.230	ng	# 62
20) 3+4-Methylphenols	8.86	107	141179	85.890	ng	# 81
22) Acetophenone	8.90	105	224159	93.967	ng	# 76
24) Nitrobenzene	9.29	77	179345	87.474	ng	# 93
25) Isophorone	9.81	82	254756	91.437	ng	# 93
26) 2-Nitrophenol	10.00	139	79250	92.595	ng	# 29
27) 2,4-Dimethylphenol	10.05	122	105980	88.879	ng	# 77
28) bis(2-Chloroethoxy)methane	10.29	93	154550	85.346	ng	# 96
29) 2,4-Dichlorophenol	10.53	162	143490	101.269	ng	# 96
30) 1,2,4-Trichlorobenzene	10.73	180	173261	100.640	ng	# 98
31) Naphthalene	10.92	128	414167	86.379	ng	# 99
32) Benzoic acid	10.30	122	88563	97.432	ng	# 84
33) 4-Chloroaniline	11.05	127	178921	91.443	ng	# 84
34) Hexachlorobutadiene	11.17	225	148613	124.448	ng	# 97
35) Caprolactam	11.91	113	35682	90.923	ng	# 85
36) 4-Chloro-3-methylphenol	12.18	107	162451	104.238	ng	# 87
37) 2-Methylnaphthalene	12.53	142	323635	100.761	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	227662	111.013	ng	# 100
40) Hexachlorocyclopentadiene	12.85	237	85310	101.907	ng	# 98

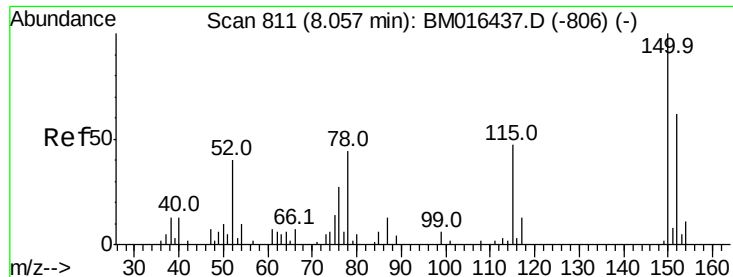
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016440.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 14:37:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	138604	108.025	ng	97
43) 2,4,5-Trichlorophenol	13.23	196	135775	102.590	ng	# 86
45) 1,1'-Biphenyl	13.53	154	505920	93.064	ng	98
46) 2-Chloronaphthalene	13.59	162	394619	93.331	ng	# 89
47) 2-Nitroaniline	13.82	65	131249	93.892	ng	# 76
48) Acenaphthylene	14.43	152	611309	98.761	ng	99
49) Dimethylphthalate	14.17	163	518511	98.358	ng	99
50) 2,6-Dinitrotoluene	14.31	165	102499	96.635	ng	# 38
51) Acenaphthene	14.77	154	343379	90.201	ng	96
52) 3-Nitroaniline	14.65	138	95688	83.522	ng	# 69
53) 2,4-Dinitrophenol	14.87	184	48505	122.668	ng	# 54
54) Dibenzofuran	15.10	168	633499	100.984	ng	# 78
55) 4-Nitrophenol	14.96	139	64026	77.959	ng	# 82
56) 2,4-Dinitrotoluene	15.10	165	175016	115.398	ng	# 70
57) Fluorene	15.75	166	481228	103.231	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.33	232	119497	105.045	ng	# 100
59) Diethylphthalate	15.52	149	561614	98.840	ng	95
60) 4-Chlorophenyl-phenylether	15.74	204	301159	116.050	ng	# 87
61) 4-Nitroaniline	15.82	138	92114	83.801	ng	# 1
62) Azobenzene	16.03	77	617381	103.170	ng	# 70
64) 4,6-Dinitro-2-methylphenol	15.87	198	87361	105.065	ng	84
65) n-Nitrosodiphenylamine	15.96	169	416261	92.279	ng	97
66) 4-Bromophenyl-phenylether	16.63	248	165368	106.606	ng	# 71
67) Hexachlorobenzene	16.75	284	166426	97.425	ng	# 63
68) Atrazine	16.91	200	128681	79.593	ng	96
69) Pentachlorophenol	17.10	266	92313	87.269	ng	98
70) Phenanthrene	17.49	178	701272	91.436	ng	98
71) Anthracene	17.58	178	714727	95.885	ng	99
72) Carbazole	17.86	167	708934	91.805	ng	# 97
73) Di-n-butylphthalate	18.38	149	1036671	107.734	ng	# 95
74) Fluoranthene	19.49	202	911327	106.523	ng	96
76) Benzidine	19.67	184	297133	55.888	ng	99
77) Pyrene	19.84	202	967831	84.886	ng	99
79) Butylbenzylphthalate	20.71	149	513401	88.639	ng	# 74
80) Benzo(a)anthracene	21.57	228	1078347	92.024	ng	99
81) 3,3'-Dichlorobenzidine	21.50	252	373696	79.174	ng	98
82) Chrysene	21.63	228	994508	88.474	ng	100
83) Bis(2-ethylhexyl)phthalate	21.46	149	805857	96.002	ng	93
84) Di-n-octyl phthalate	22.36	149	1241020	87.966	ng	# 88
85) Indeno(1,2,3-cd)pyrene	26.26	276	725463	54.387	ng	99
87) Benzo(b)fluoranthene	23.20	252	814724	101.760	ng	# 93
88) Benzo(k)fluoranthene	23.25	252	815621	100.520	ng	# 96
89) Benzo(a)pyrene	23.80	252	724345	94.110	ng	# 96
90) Dibenzo(a,h)anthracene	26.26	278	628152	78.770	ng	# 93
91) Benzo(g,h,i)perylene	26.98	276	501659	66.513	ng	# 87

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

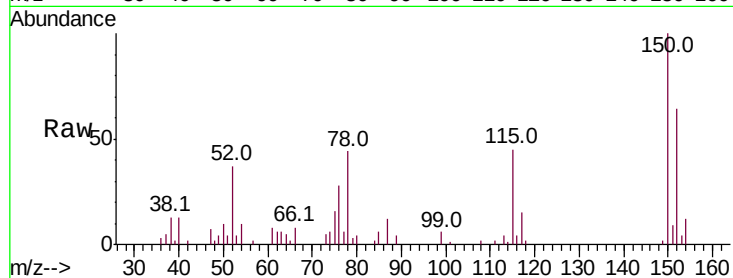


#1

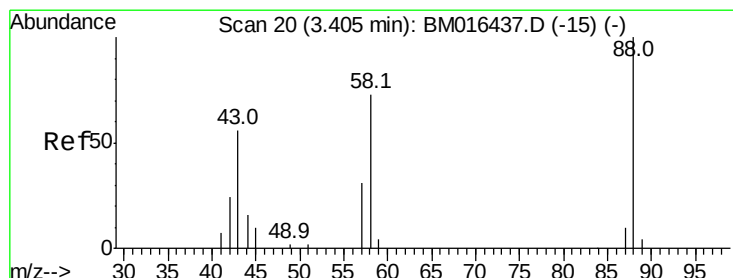
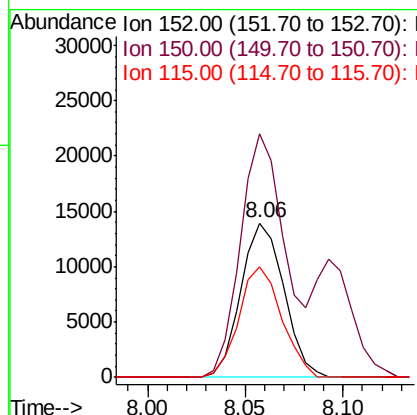
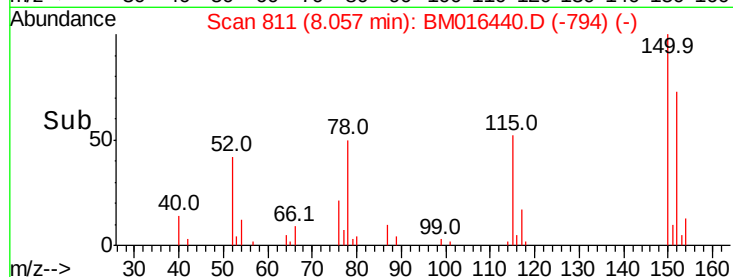
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 21262
Ion Ratio Lower Upper
152 100
150 157.5 119.5 179.3
115 71.1 43.0 64.4#



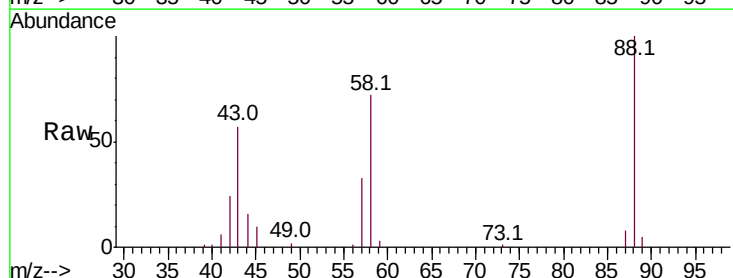
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



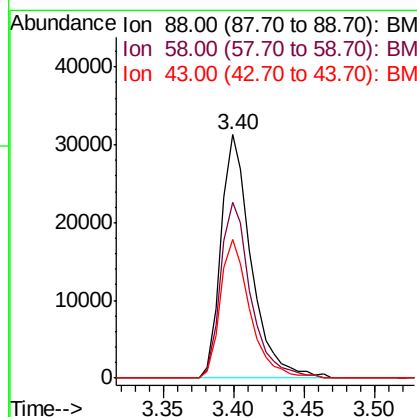
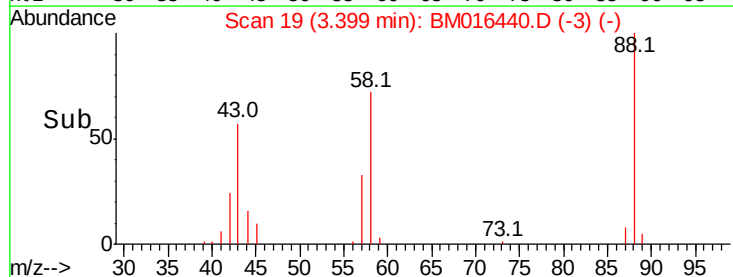
#2

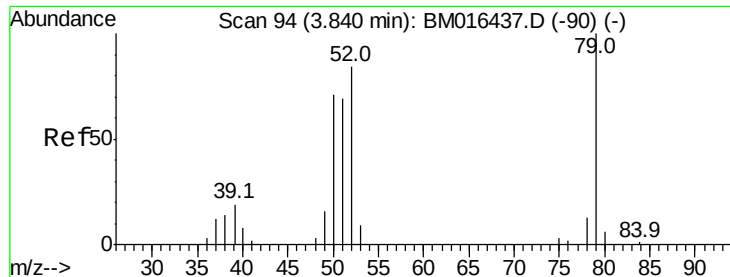
1,4-Dioxane
Concen: 77.782 ng
RT: 3.40 min Scan# 19
Delta R.T. -0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion: 88 Resp: 46647
Ion Ratio Lower Upper
88 100
58 72.3 0.0 0.0#
43 56.3 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: 69.504 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

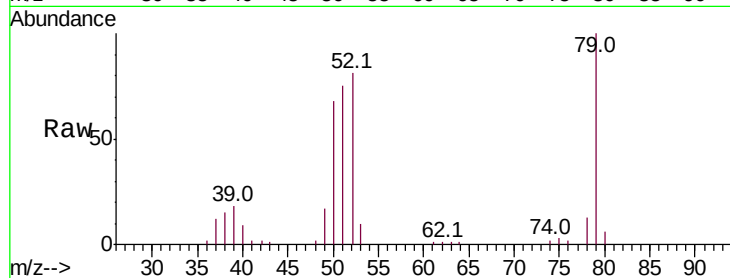
Tot Ion: 79 Resp: 100413

Ion Ratio Lower Upper

79 100

52 81.3 51.1 76.7#

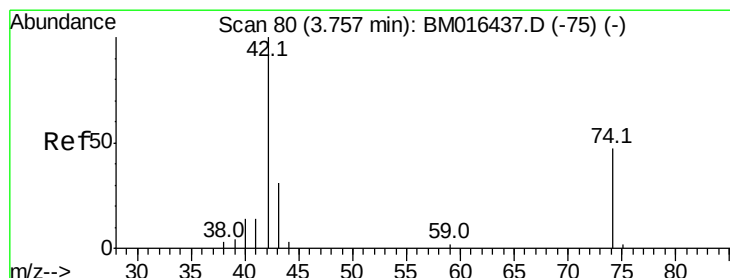
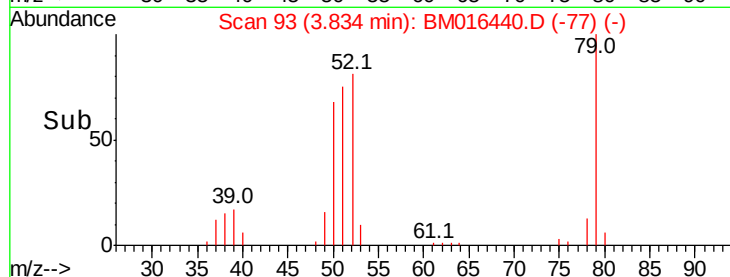
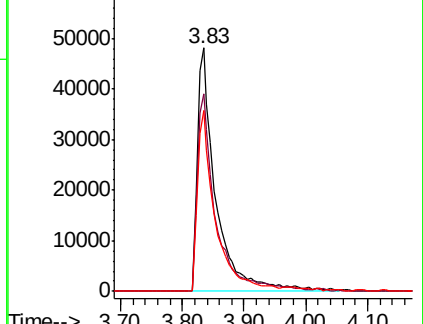
51 74.5 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016437.D (-90) (-)

Ion 52.00 (51.70 to 52.70): BM016437.D (-90) (-)

Ion 51.00 (50.70 to 51.70): BM016437.D (-90) (-)



#4

n-Nitrosodimethylamine

Concen: 99.267 ng

RT: 3.75 min Scan# 79

Delta R.T. -0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

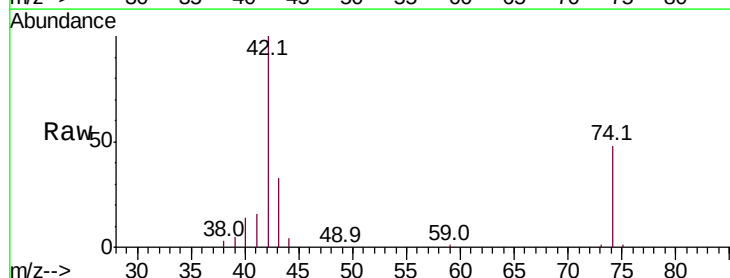
Tgt Ion: 42 Resp: 111858

Ion Ratio Lower Upper

42 100

74 47.9 119.3 178.9#

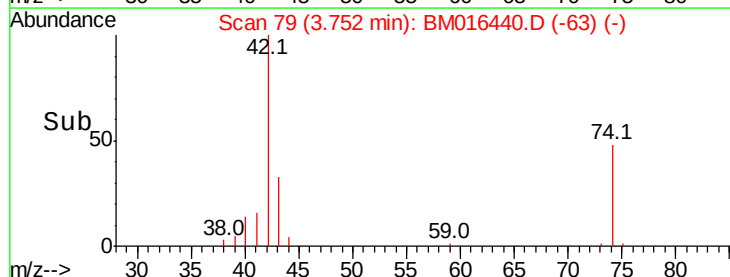
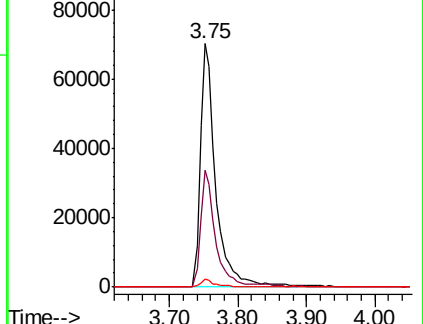
44 3.5 5.4 8.2#

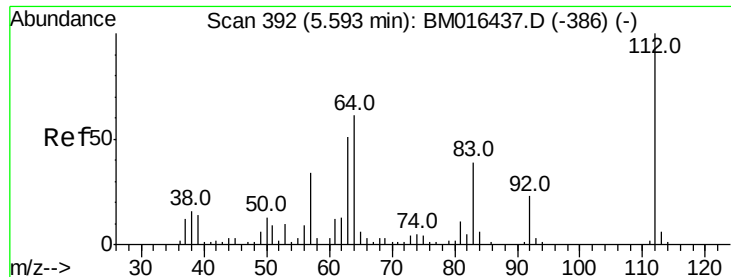


Abundance Ion 42.00 (41.70 to 42.70): BM016437.D (-75) (-)

Ion 74.00 (73.70 to 74.70): BM016437.D (-75) (-)

Ion 44.00 (43.70 to 44.70): BM016437.D (-75) (-)





#5

2-Fluorophenol

Concen: 99.267 ng

RT: 5.59 min Scan# 392

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampled :

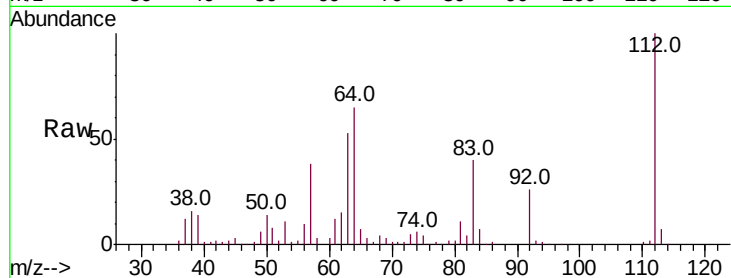
Tot Ion:112 Resp: 194810

Ion Ratio Lower Upper

112 100

64 64.5 38.6 57.8#

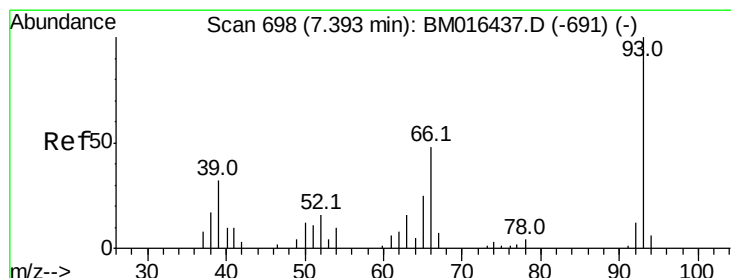
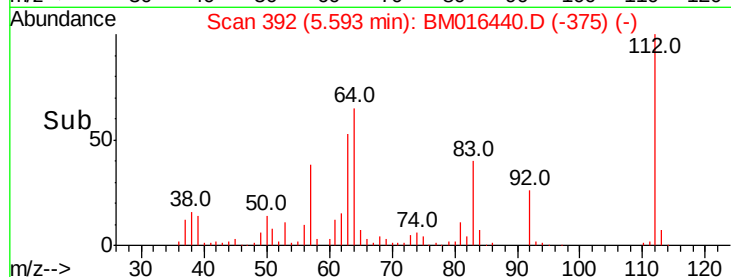
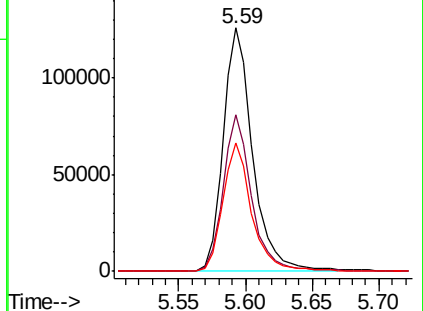
63 52.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 75.347 ng

RT: 7.40 min Scan# 699

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

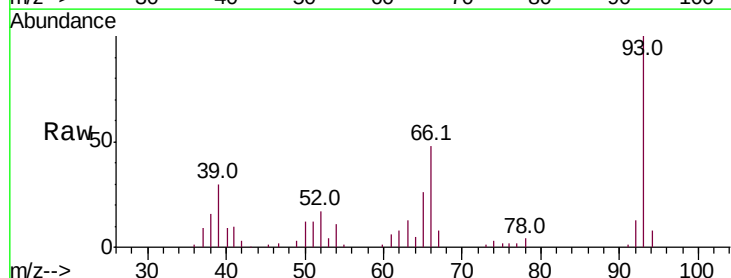
Tgt Ion: 93 Resp: 145017

Ion Ratio Lower Upper

93 100

66 48.2 30.8 46.2#

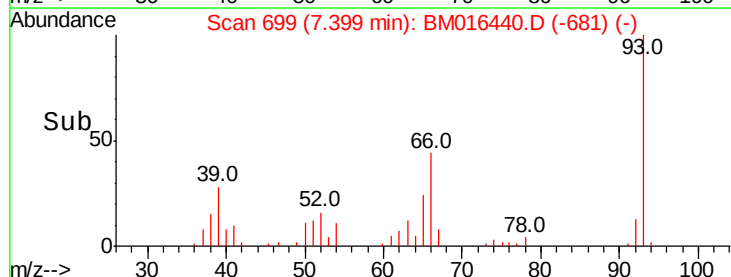
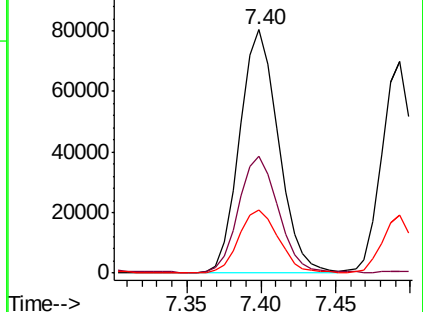
65 26.1 16.0 24.0#

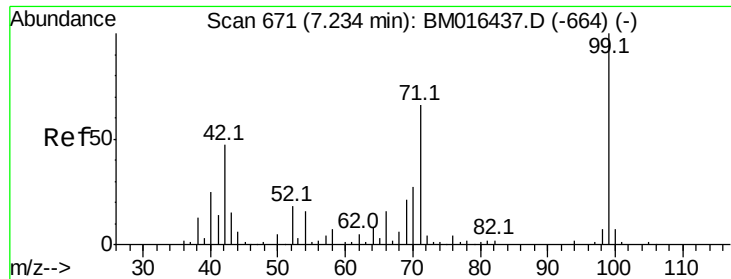


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 75.347 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

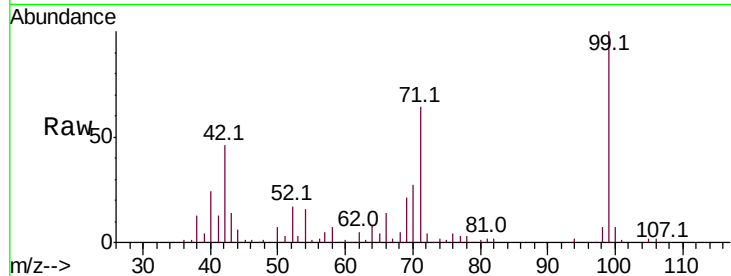
Tot Ion: 99 Resp: 288244

Ion Ratio Lower Upper

99 100

42 45.6 11.0 16.4#

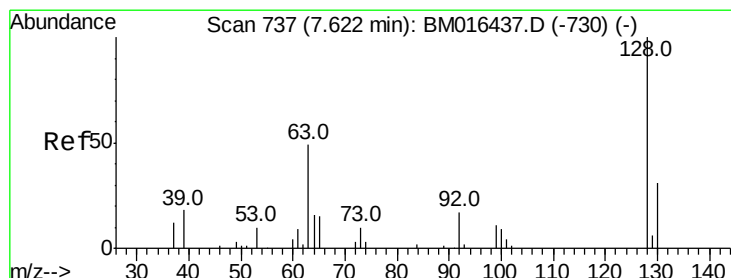
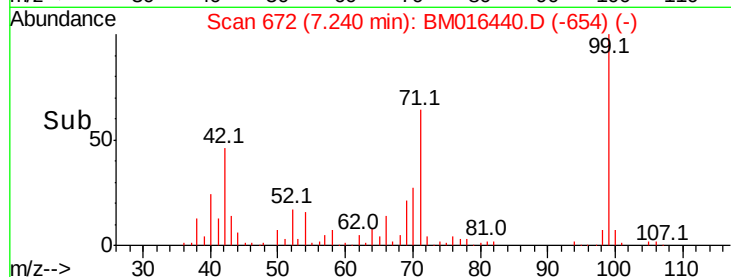
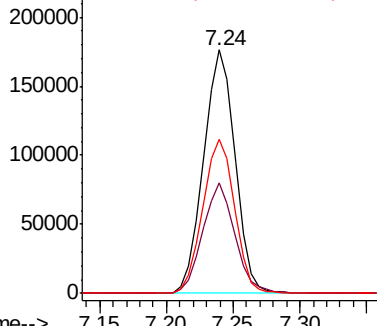
71 63.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016437.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM016437.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM016437.D (-664) (-)



#8

2-Chlorophenol

Concen: 86.002 ng

RT: 7.62 min Scan# 737

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

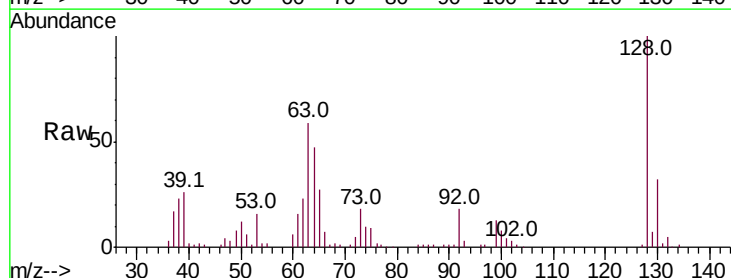
Tgt Ion:128 Resp: 130830

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

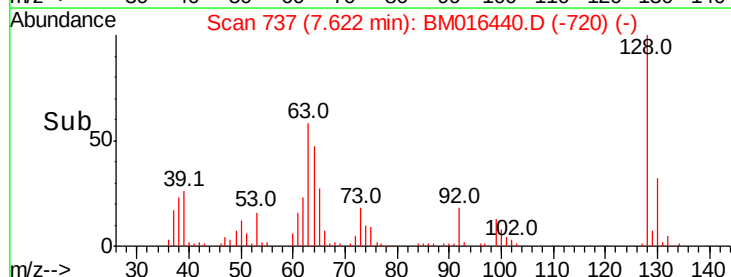
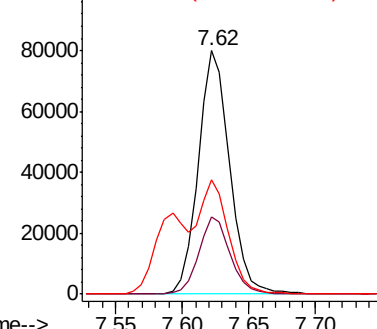
64 46.9 24.9 64.9

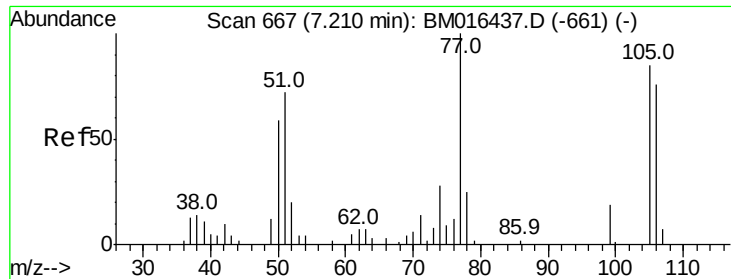


Abundance Ion 128.00 (127.70 to 128.70): BM016437.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016437.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016437.D (-730) (-)





#9

Benzaldehyde

Concen: 61.263 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampled :

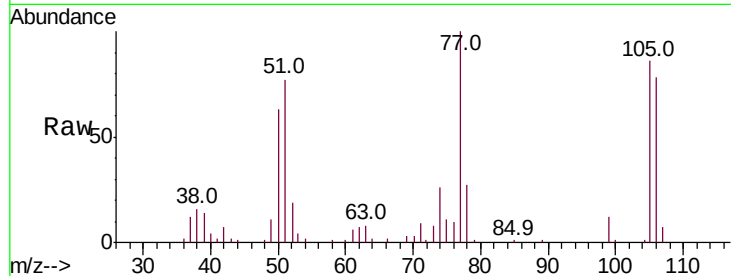
Tot Ion: 77 Resp: 71949

Ion Ratio Lower Upper

77 100

105 85.6 78.8 118.8

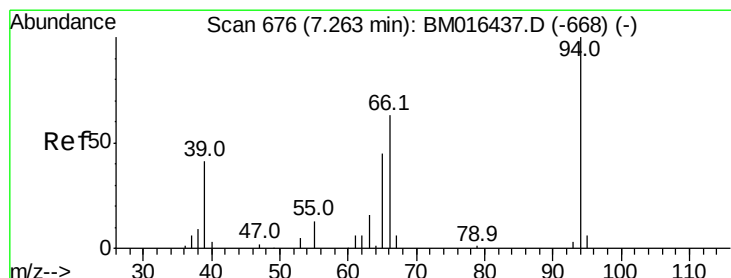
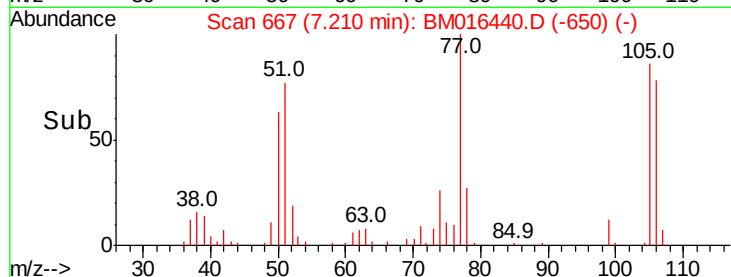
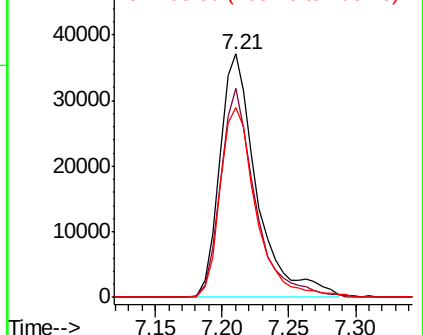
106 78.1 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016437.D (-661) (-)

Ion 105.00 (104.70 to 105.70): BM016437.D (-661) (-)

Ion 106.00 (105.70 to 106.70): BM016437.D (-661) (-)



#10

Phenol

Concen: 82.745 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

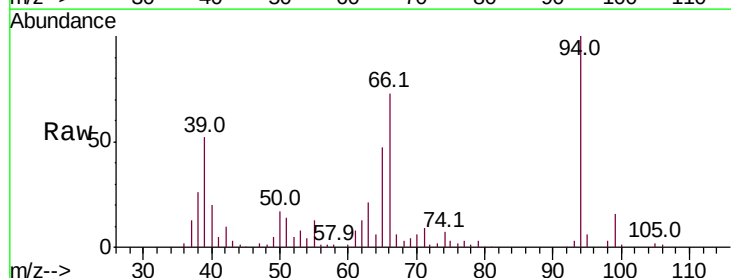
Tgt Ion: 94 Resp: 138305

Ion Ratio Lower Upper

94 100

65 47.1 18.8 58.8

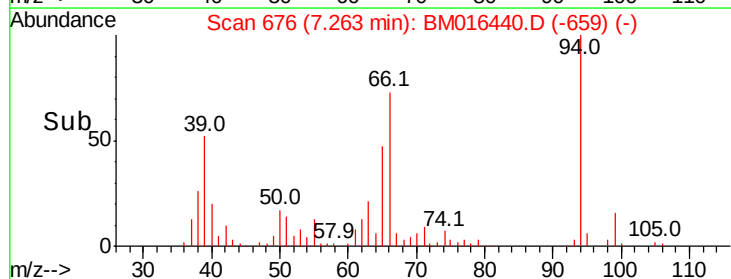
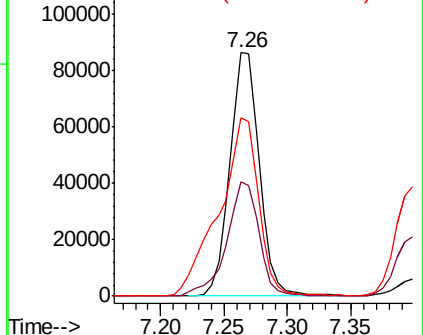
66 73.1 39.9 79.9

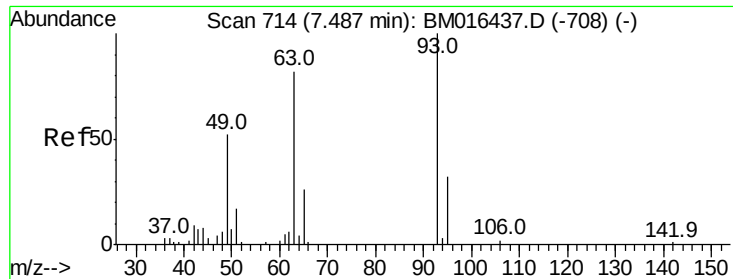


Abundance Ion 94.00 (93.70 to 94.70): BM016437.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016437.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016437.D (-668) (-)



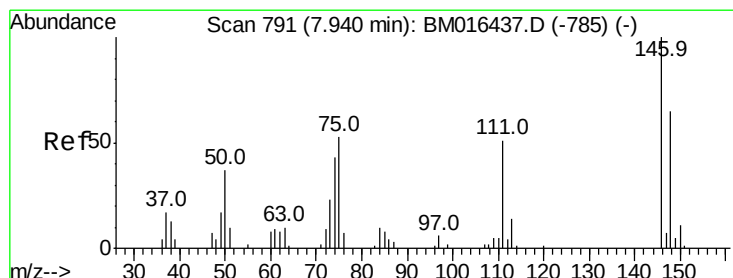
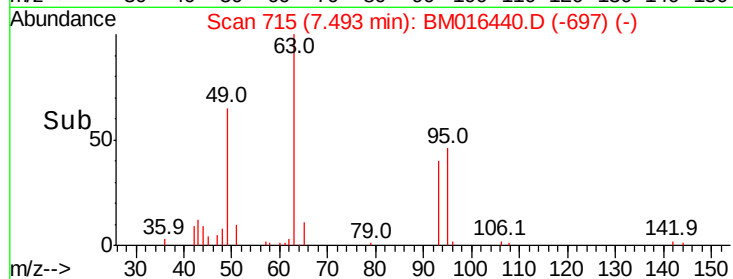
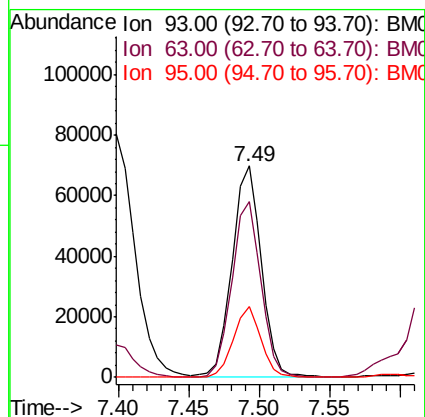
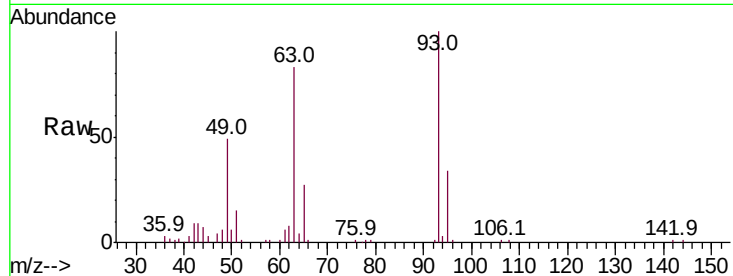


#11

bis(2-Chloroethyl)ether
Concen: 76.509 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :

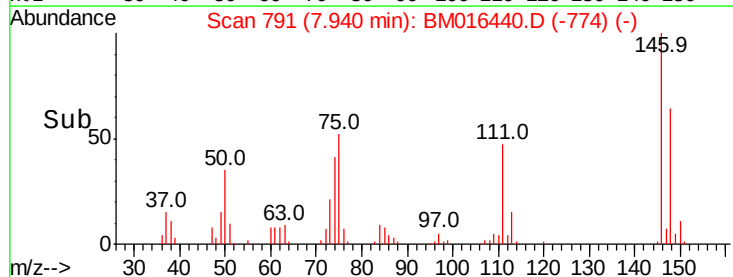
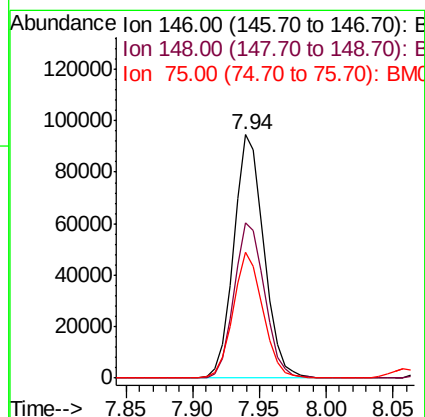
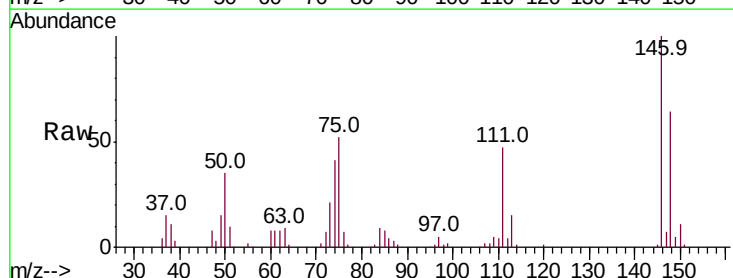
Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	49.5	89.5
95	33.6	13.5	53.5

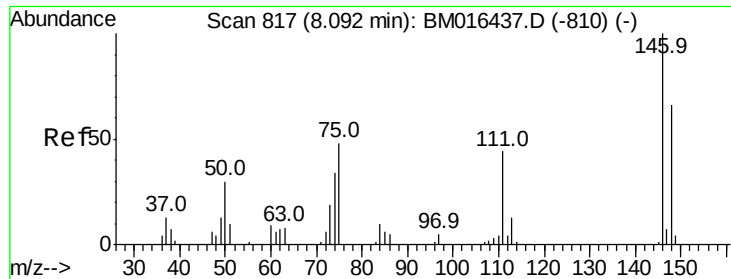


#12

1,3-Dichlorobenzene
Concen: 83.382 ng
RT: 7.94 min Scan# 791
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
75	51.5	21.4	32.2

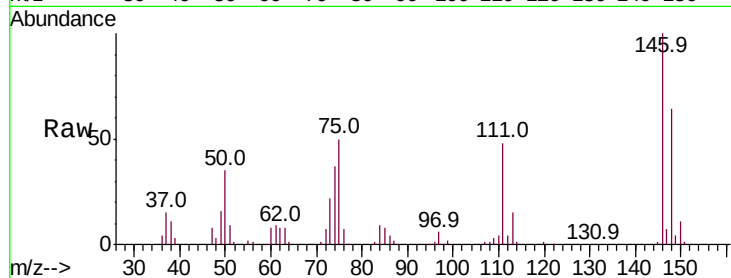




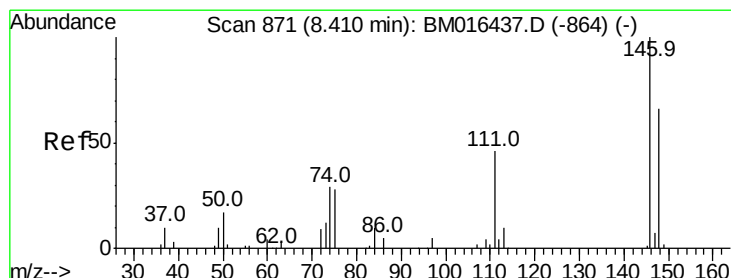
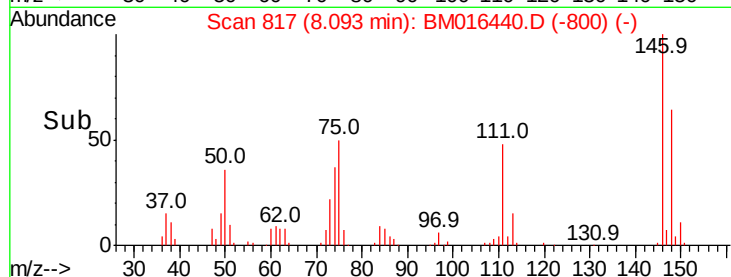
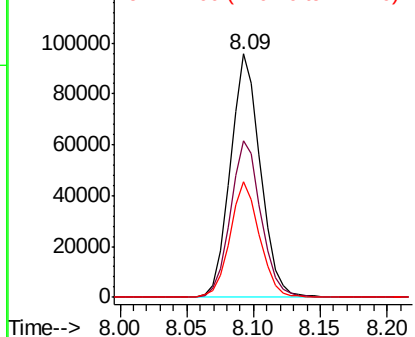
#13
 1,4-Dichlorobenzene
 Concen: 82.943 ng
 RT: 8.09 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:146 Resp: 149789
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 47.6 29.2 43.8#

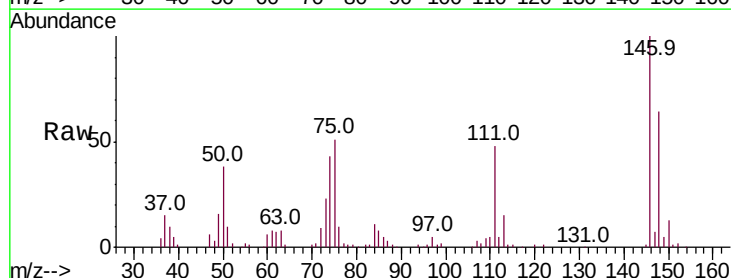


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

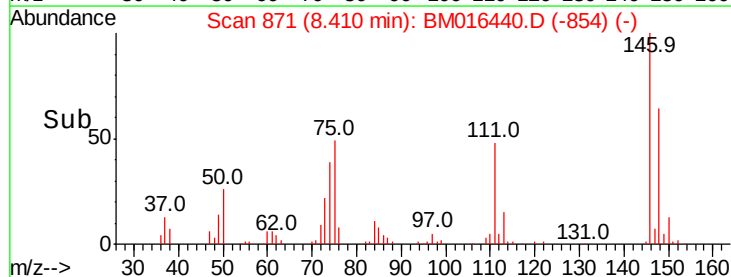
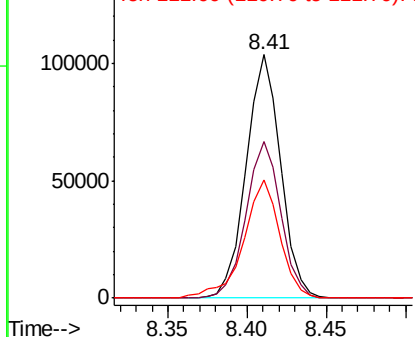


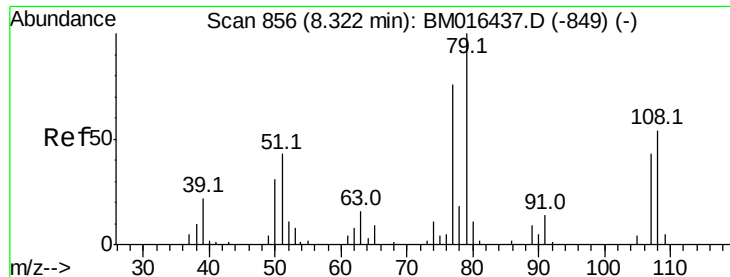
#14
 1,2-Dichlorobenzene
 Concen: 88.410 ng
 RT: 8.41 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion:146 Resp: 156227
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.3 78.5
 111 48.3 30.6 45.8#



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

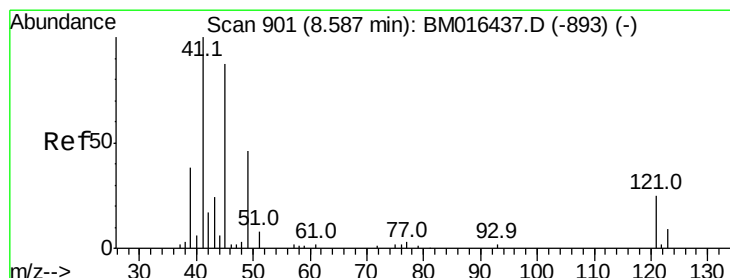
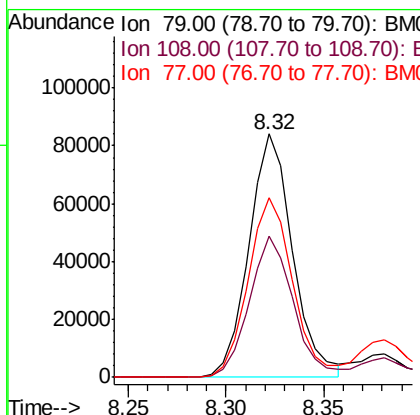
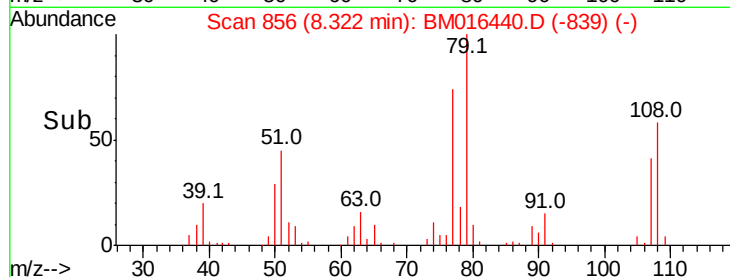
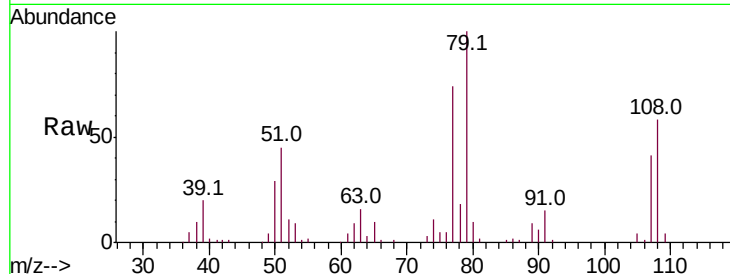




#15
Benzyl Alcohol
Concen: 97.874 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

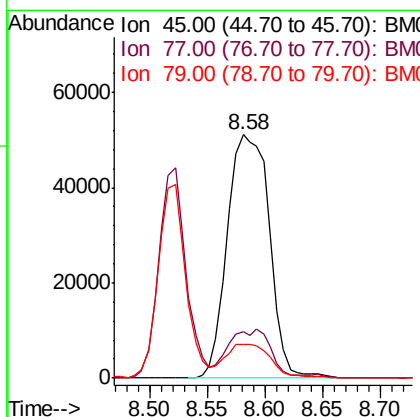
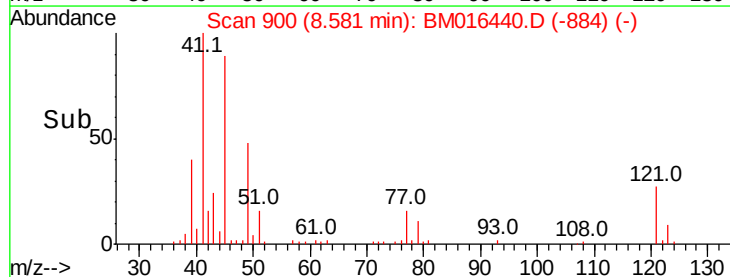
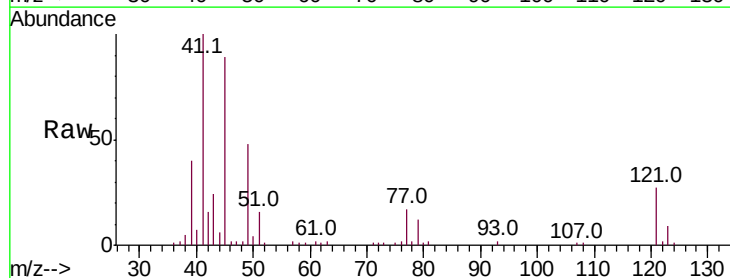
Instrument :
BNA_M
ClientSampleId :

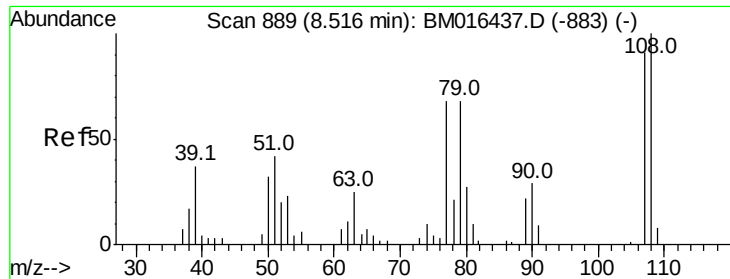
Tot Ion: 79 Resp: 130270
Ion Ratio Lower Upper
79 100
108 58.0 65.0 97.4#
77 73.6 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 63.909 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion: 45 Resp: 129154
Ion Ratio Lower Upper
45 100
77 19.1 0.0 35.2
79 13.8 0.0 32.0

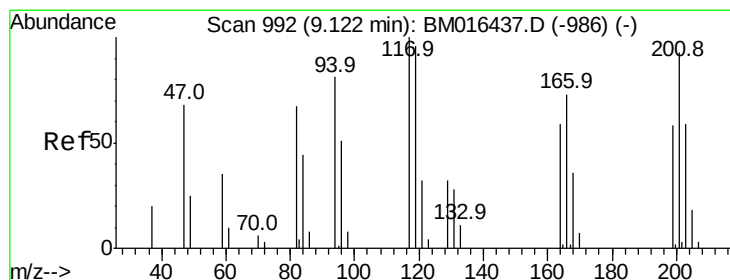
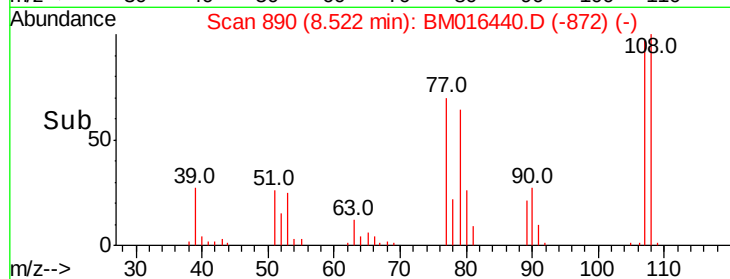
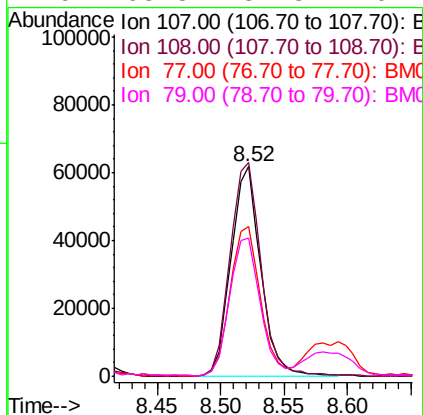
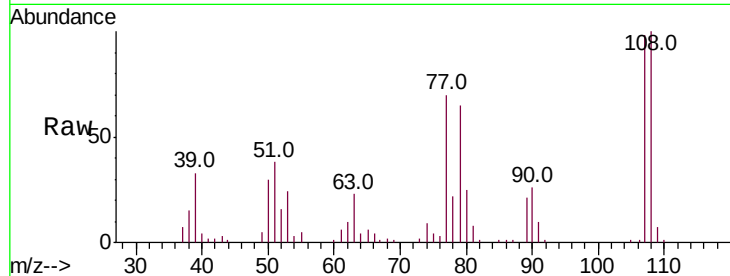




#17
2-Methylphenol
Concen: 87.657 ng
RT: 8.52 min Scan# 890
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

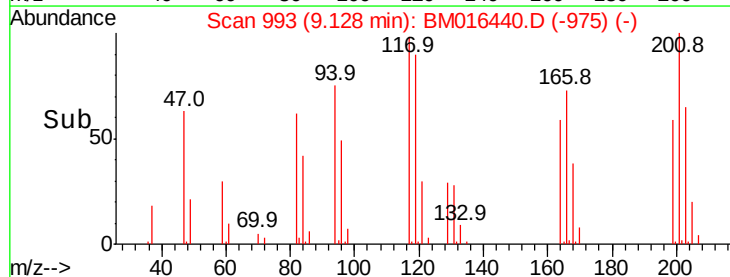
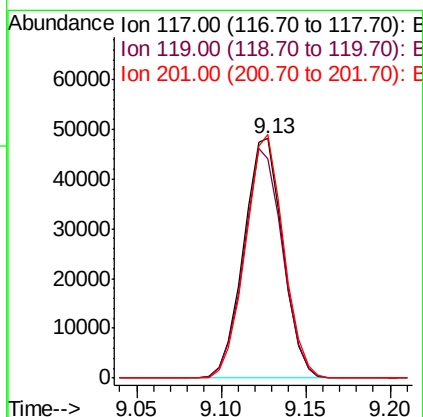
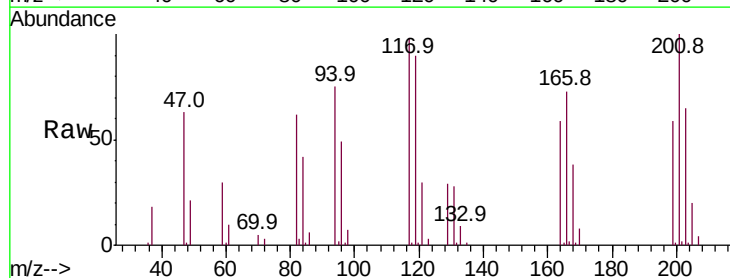
Instrument :
BNA_M
ClientSampled :

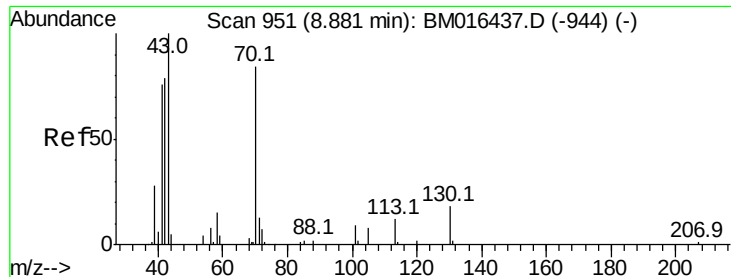
Tot Ion	Ratio	Lower	Upper
107	100		
108	101.9	89.8	134.8
77	71.6	32.6	48.8#
79	65.8	32.8	49.2#



#18
Hexachloroethane
Concen: 99.010 ng
RT: 9.13 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	79.2	118.8
201	101.8	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 95.230 ng

RT: 8.89 min Scan# 952

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 116349

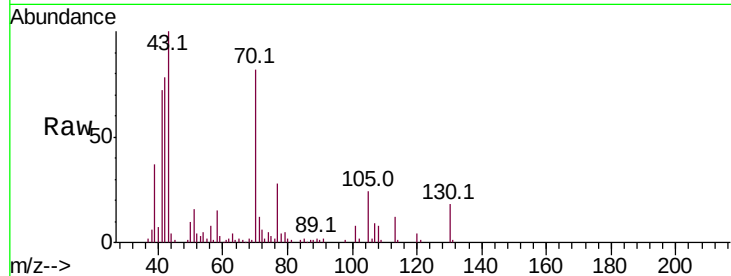
Ion Ratio Lower Upper

70 100

42 95.6 44.5 66.7#

101 9.9 7.4 11.2

130 22.0 15.3 22.9

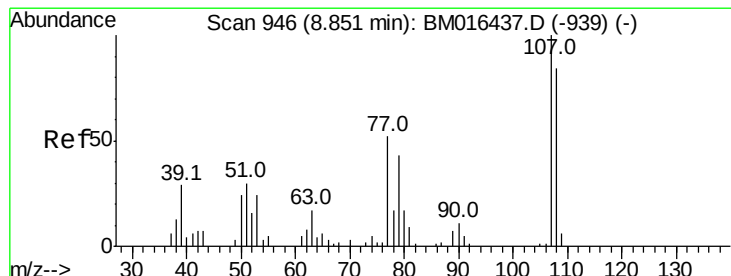
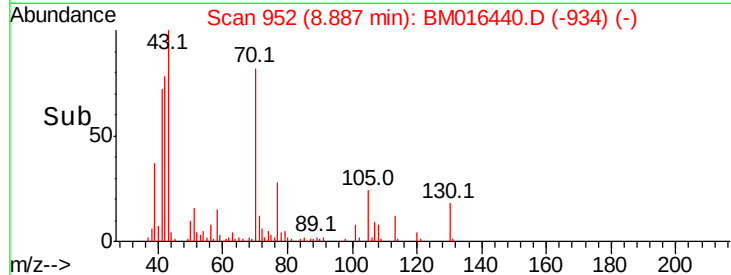
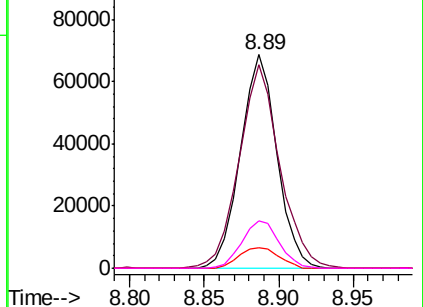


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 85.890 ng

RT: 8.86 min Scan# 947

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Tgt Ion:107 Resp: 141179

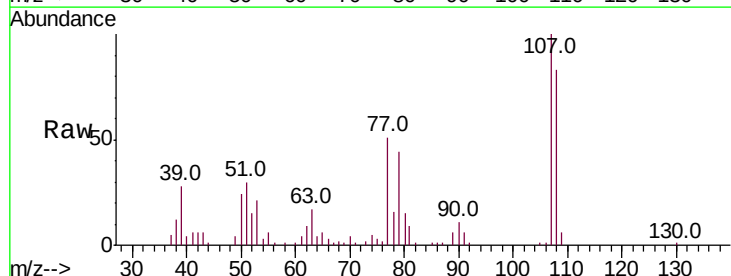
Ion Ratio Lower Upper

107 100

108 82.8 73.2 113.2

77 51.0 10.7 50.7#

79 43.9 9.6 49.6

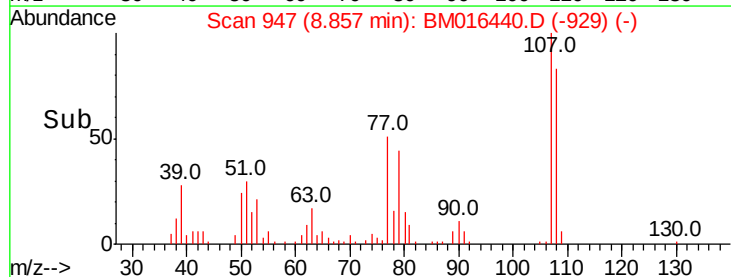
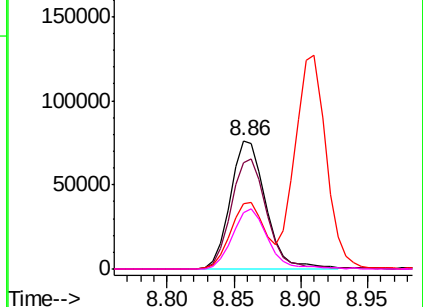


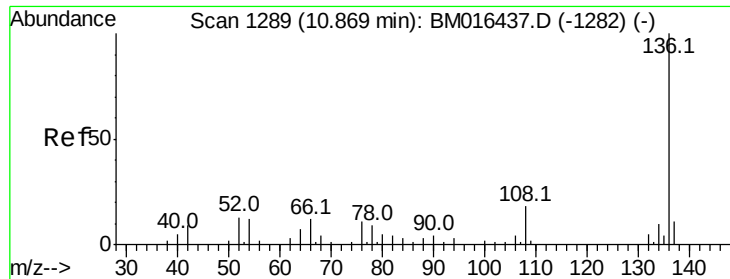
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

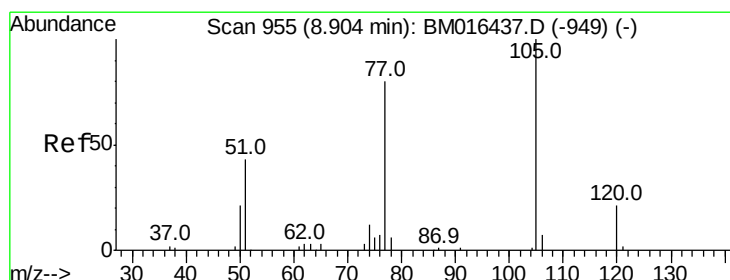
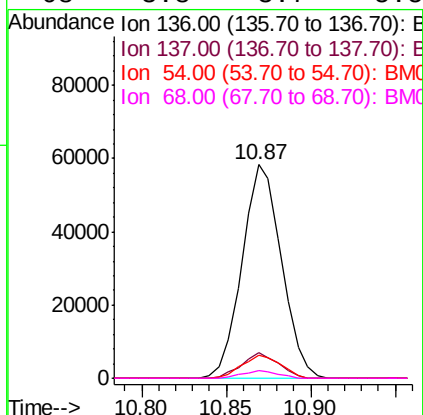
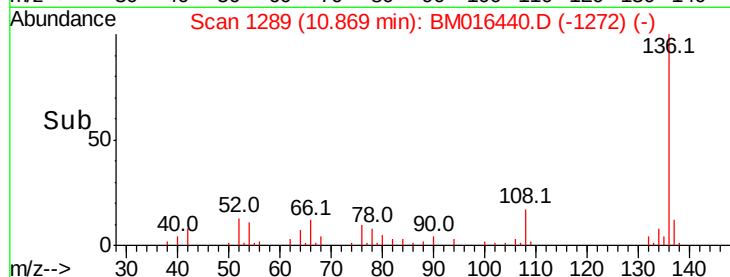
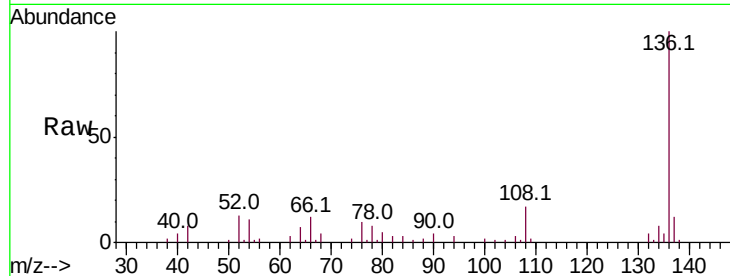




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

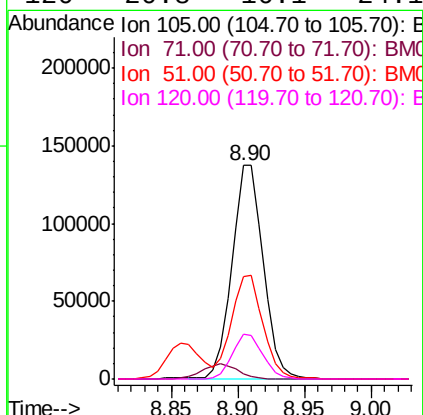
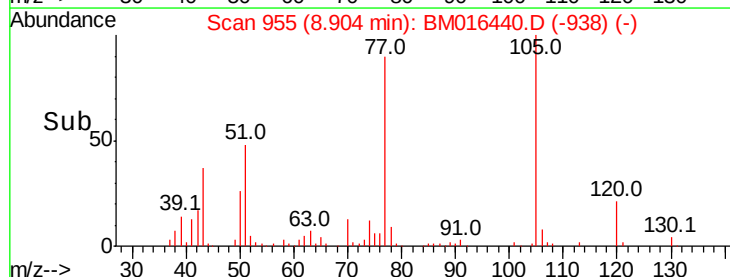
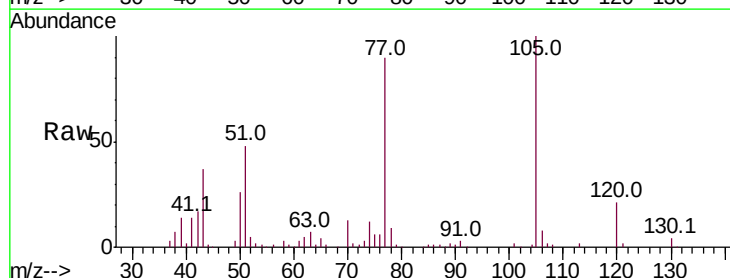
Instrument :
BNA_M
ClientSampleId :

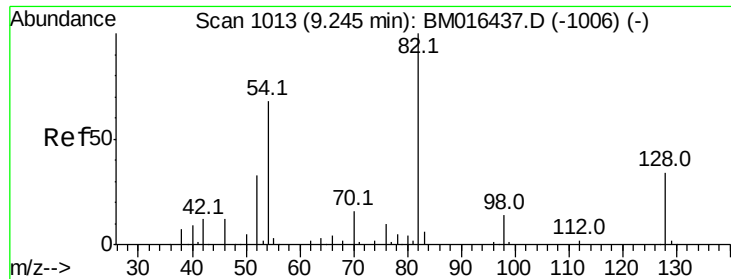
Tot Ion:136	Resp:	94738
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.7 13.1
54	10.8	4.6 6.8#
68	3.8	3.7 5.5



#22
Acetophenone
Concen: 93.967 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion:105	Resp:	224159
Ion Ratio	Lower	Upper
105	100	
71	2.3	0.6 1.0#
51	48.1	21.6 32.4#
120	20.8	16.1 24.1

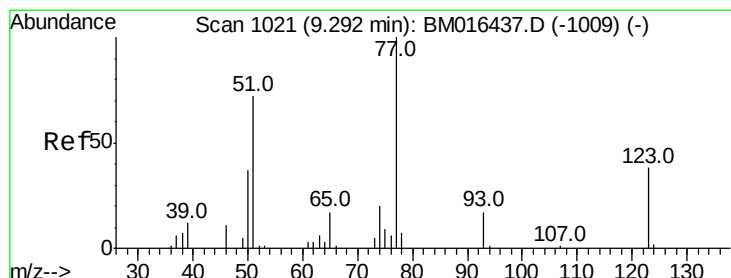
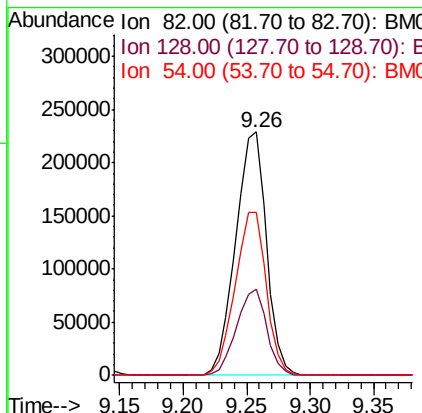
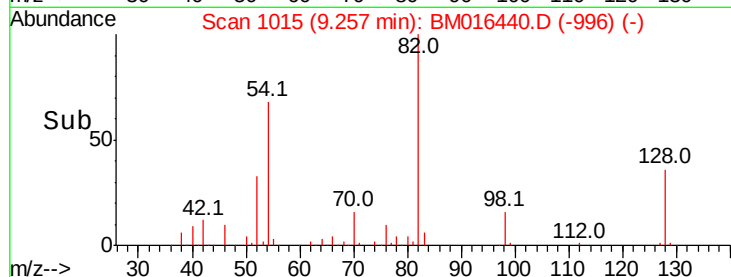
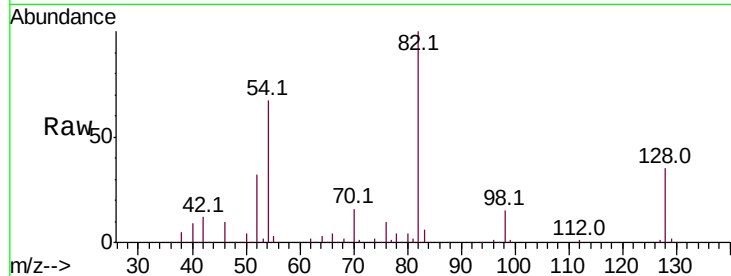




#23
 Nitrobenzene-d5
 Concen: 93.967 ng
 RT: 9.26 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

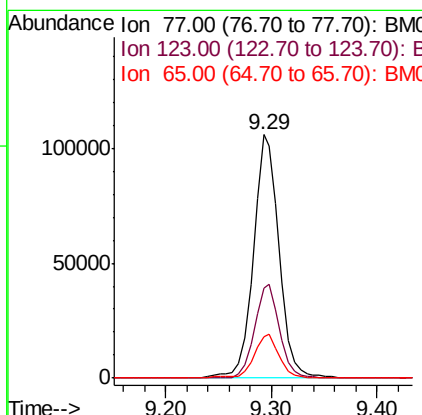
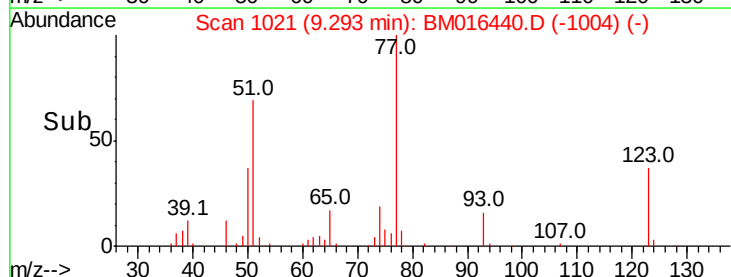
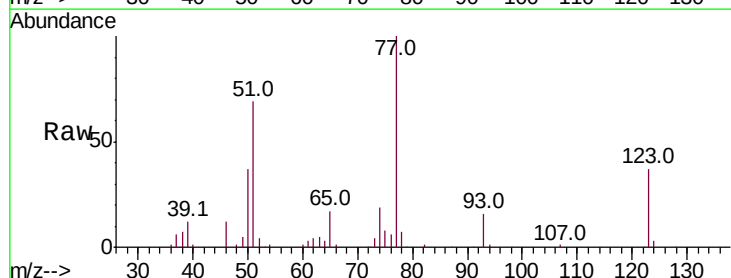
Instrument :
 BNA_M
 ClientSampleId :

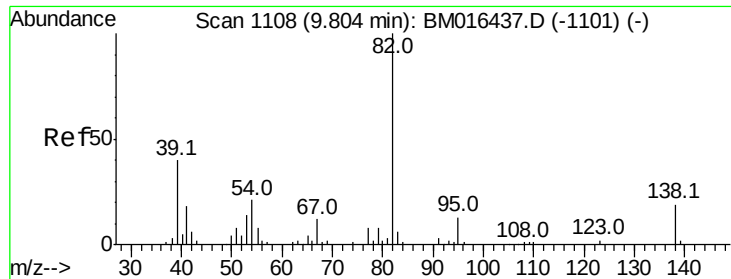
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.2	32.8	49.2
54	66.8	40.6	60.8#



#24
 Nitrobenzene
 Concen: 87.474 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.1	32.6	49.0
65	17.2	10.9	16.3#





#25

Isophorone

Concen: 91.437 ng

RT: 9.81 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

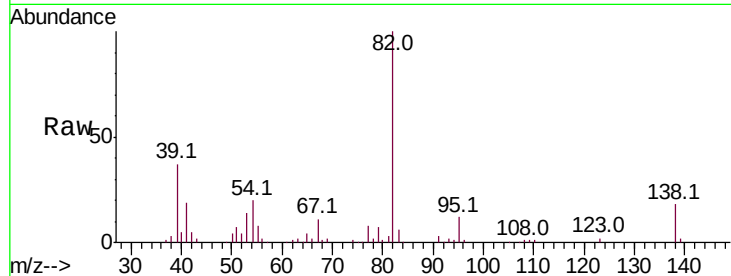
Tot Ion: 82 Resp: 254756

Ion Ratio Lower Upper

82 100

95 12.2 5.8 8.6#

138 18.3 16.3 24.5

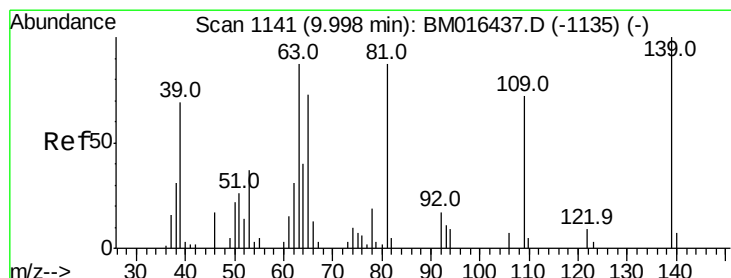
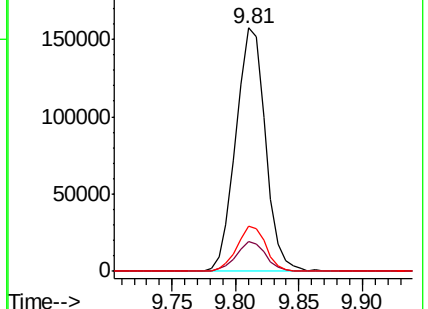
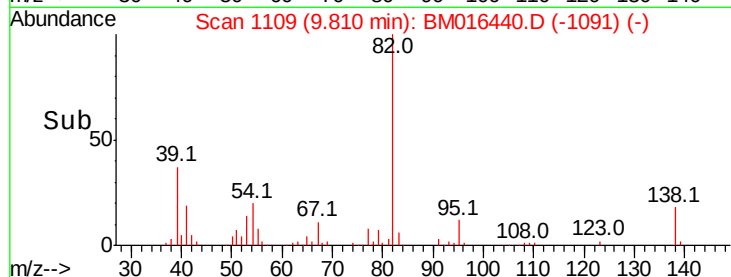


Abundance Ion 82.00 (81.70 to 82.70): BM016437.D (-1101) (-)

Ion 95.00 (94.70 to 95.70): BM016437.D (-1101) (-)

Ion 138.00 (137.70 to 138.70): BM016437.D (-1101) (-)

Time-->



#26

2-Nitrophenol

Concen: 92.595 ng

RT: 10.00 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

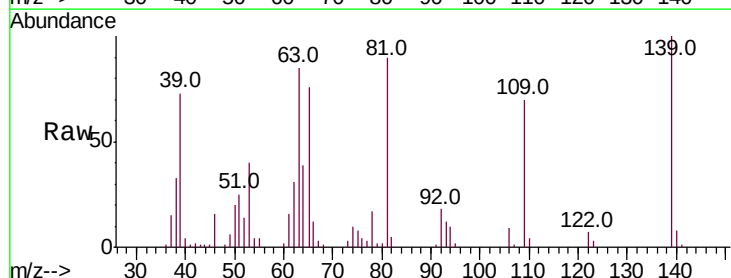
Tgt Ion: 139 Resp: 79250

Ion Ratio Lower Upper

139 100

109 69.7 20.1 30.1#

65 76.1 31.5 47.3#

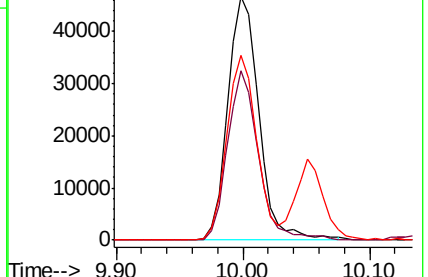
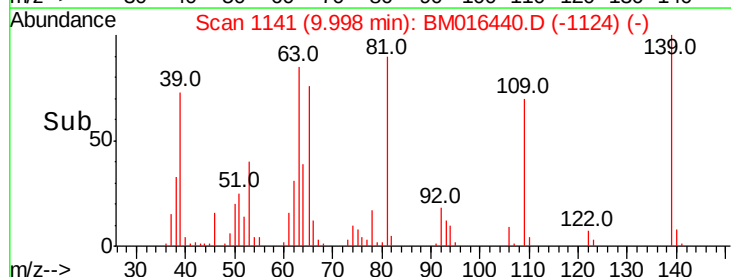


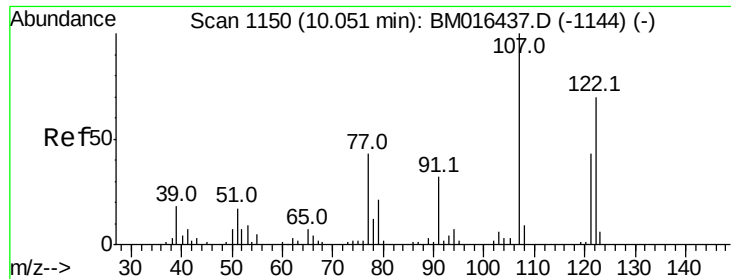
Abundance Ion 139.00 (138.70 to 139.70): BM016437.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM016437.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM016437.D (-1135) (-)

Time-->

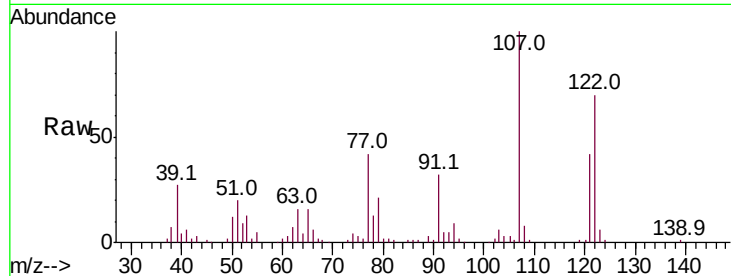




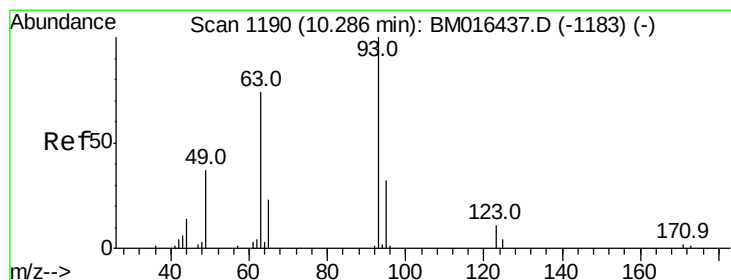
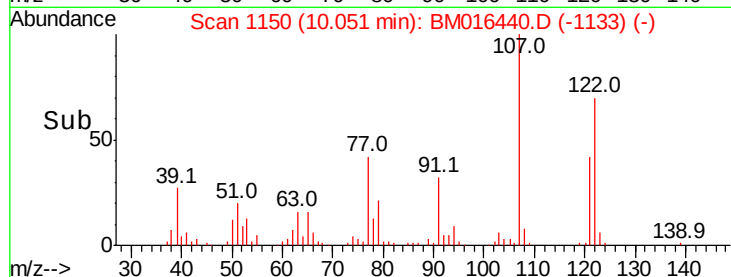
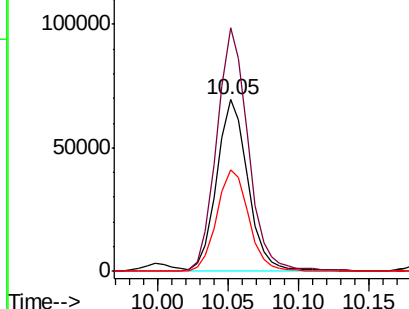
#27
 2,4-Dimethylphenol
 Concen: 88.879 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:122 Resp: 105980
 Ion Ratio Lower Upper
 122 100
 107 142.1 84.7 127.1#
 121 59.5 46.6 69.8

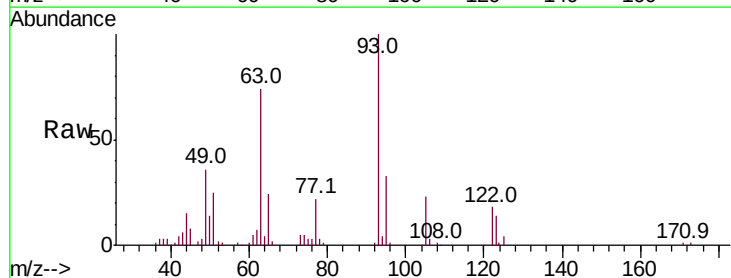


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

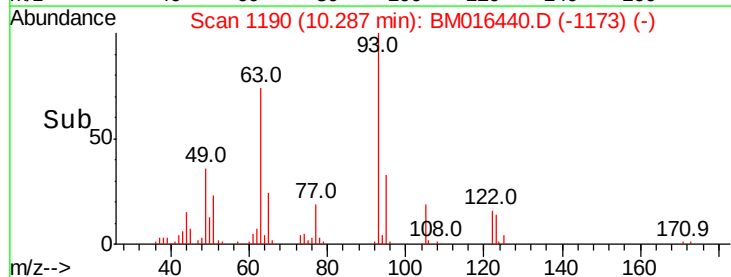
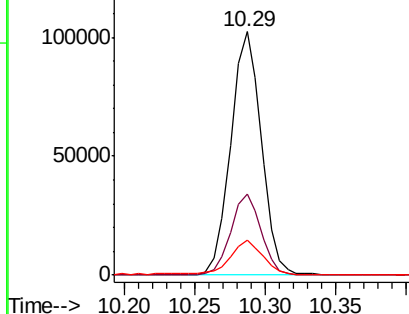


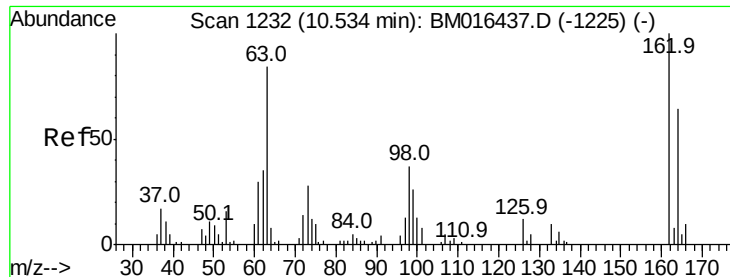
#28
 bis(2-Chloroethoxy)methane
 Concen: 85.346 ng
 RT: 10.29 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion: 93 Resp: 154550
 Ion Ratio Lower Upper
 93 100
 95 33.2 25.5 38.3
 123 14.3 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

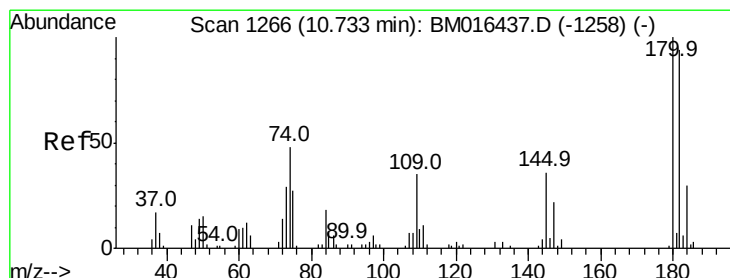
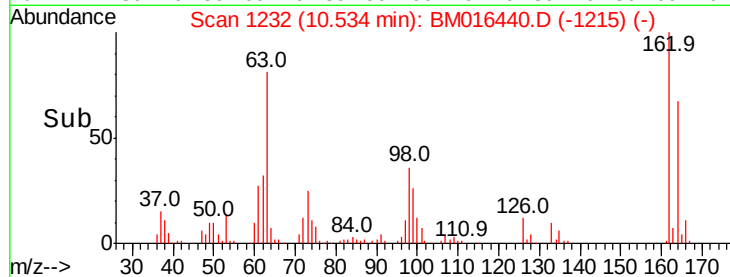
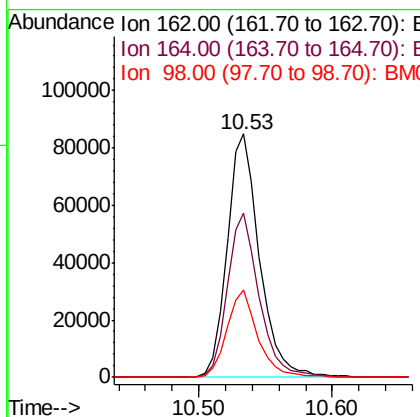
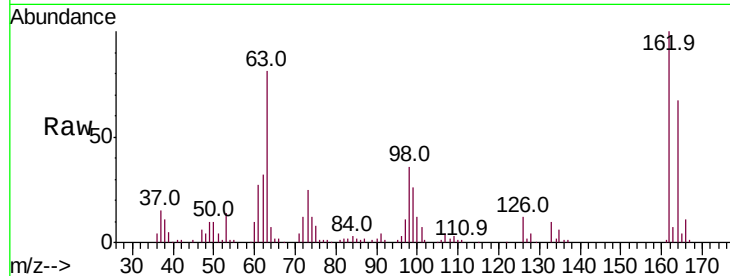




#29
 2,4-Dichlorophenol
 Concen: 101.269 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

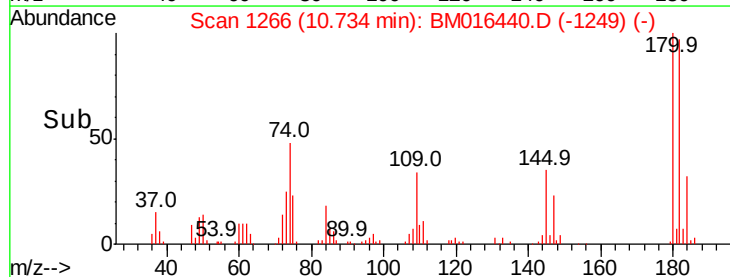
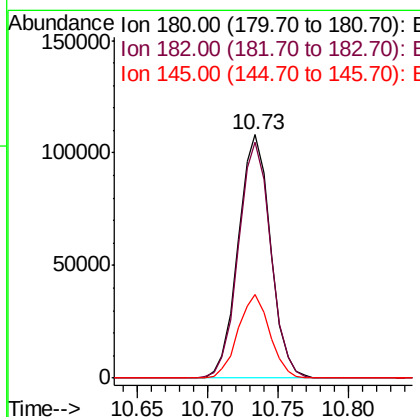
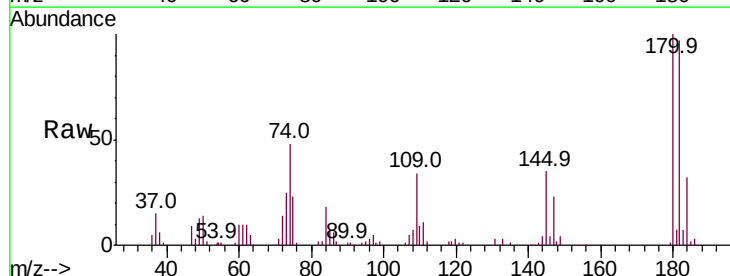
Instrument :
 BNA_M
 ClientSampleId :

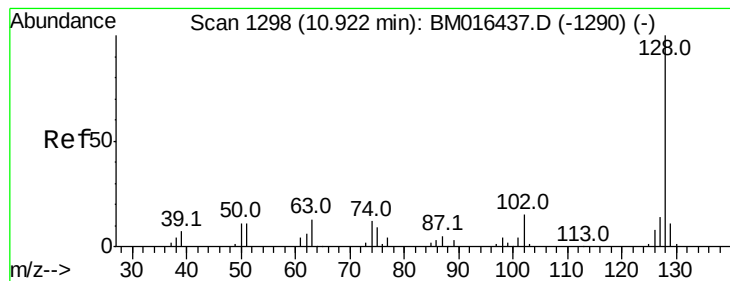
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	42.8	82.8
98	35.7	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 100.640 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.6	116.4
145	34.5	23.4	35.2





#31

Naphthalene

Concen: 86.379 ng

RT: 10.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

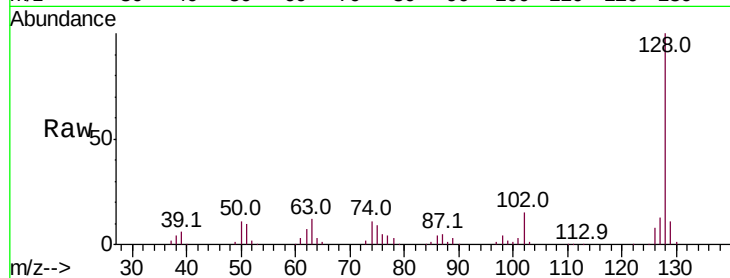
Tot Ion:128 Resp: 414167

Ion Ratio Lower Upper

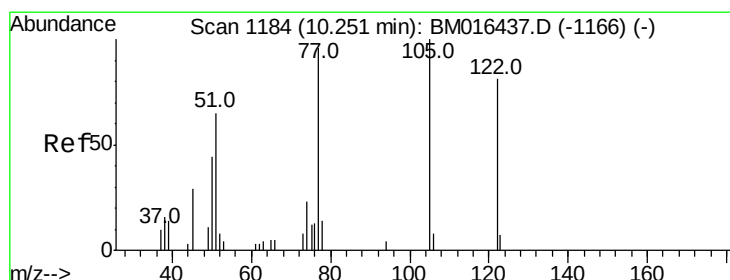
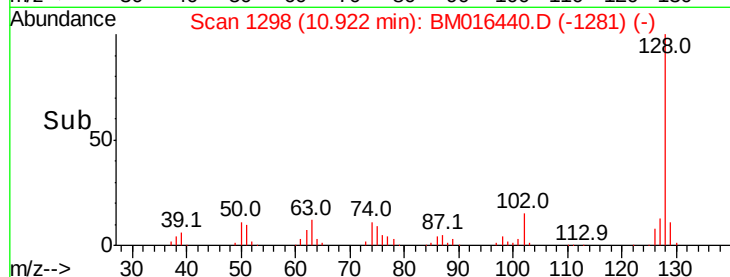
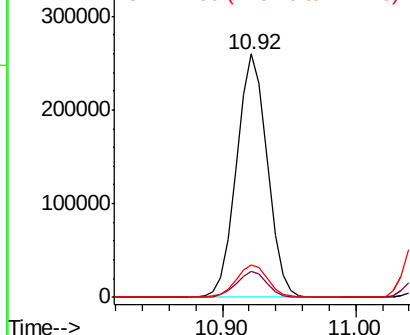
128 100

129 10.8 8.9 13.3

127 13.4 10.4 15.6



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



#32

Benzoic acid

Concen: 97.432 ng

RT: 10.30 min Scan# 1193

Delta R.T. 0.05 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

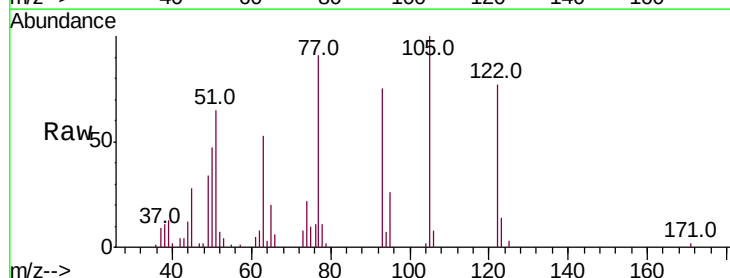
Tgt Ion:122 Resp: 88563

Ion Ratio Lower Upper

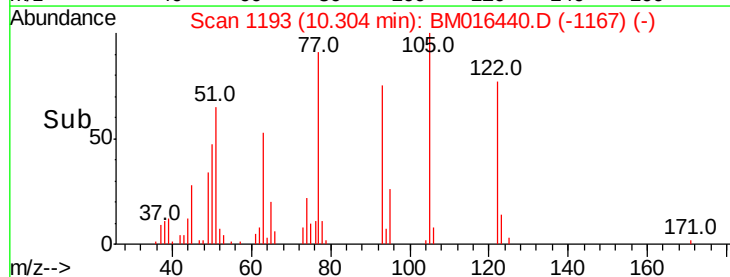
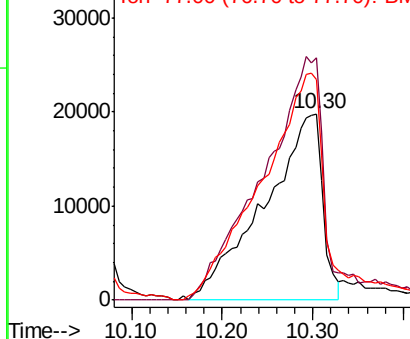
122 100

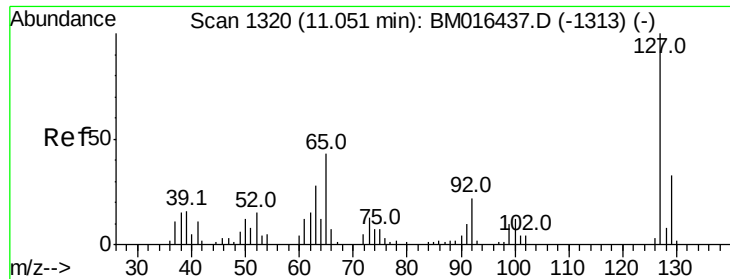
105 130.1 99.9 139.9

77 118.4 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

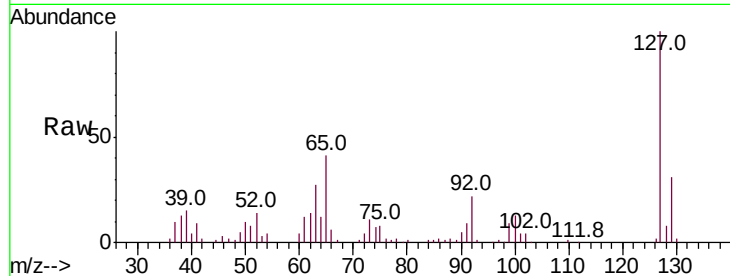




#33
4-Chloroaniline
Concen: 91.443 ng
RT: 11.05 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.3	37.9
65	40.8	17.6	26.4
92	22.3	13.1	19.7



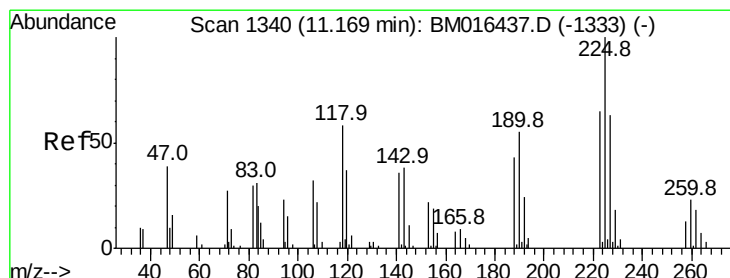
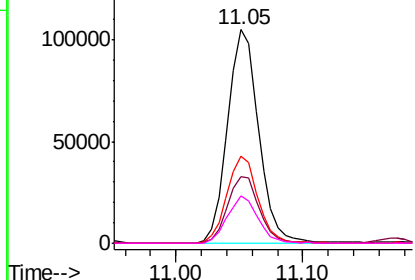
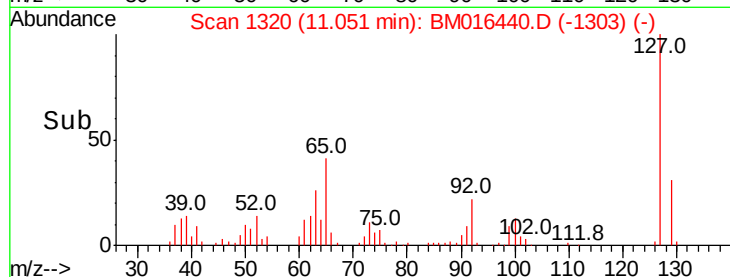
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

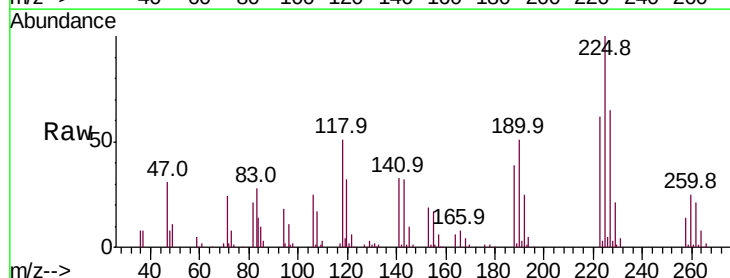
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 124.448 ng
RT: 11.17 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	47.9	71.9
227	65.5	50.1	75.1

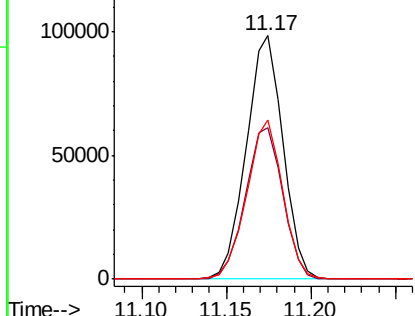
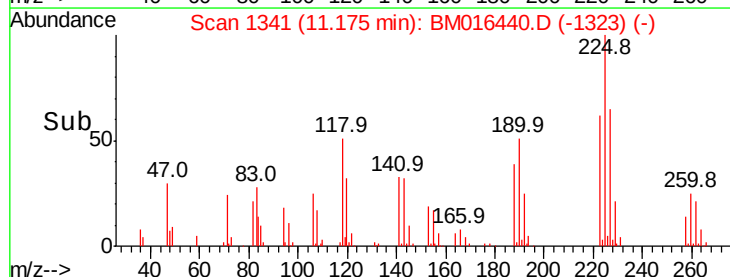


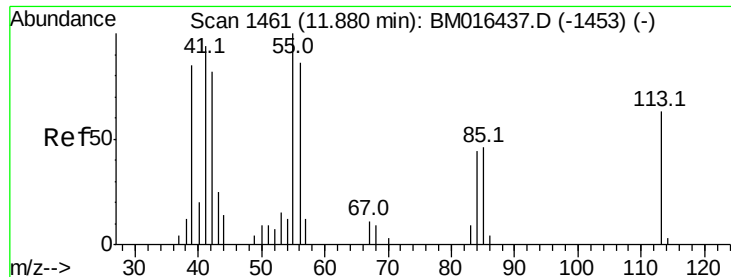
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 90.923 ng

RT: 11.91 min Scan# 1466

Delta R.T. 0.03 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

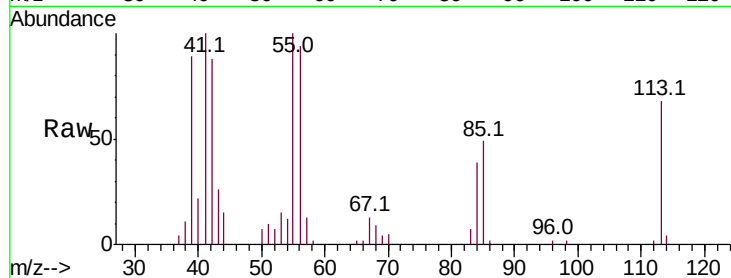
Tot Ion:113 Resp: 35682

Ion Ratio Lower Upper

113 100

55 146.5 145.9 185.9

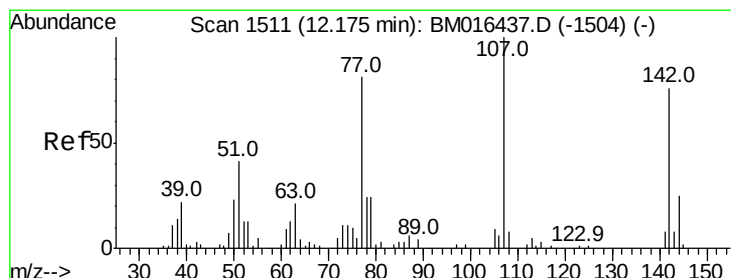
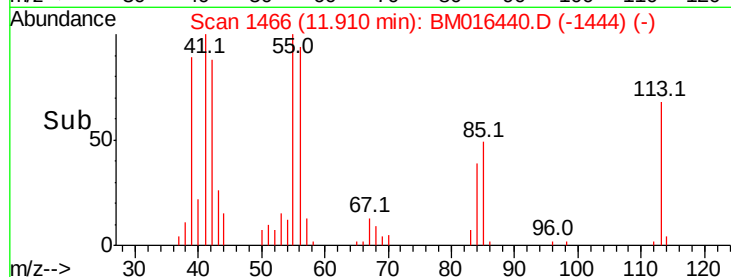
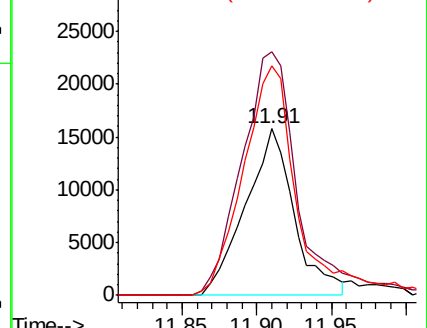
56 138.1 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 104.238 ng

RT: 12.18 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

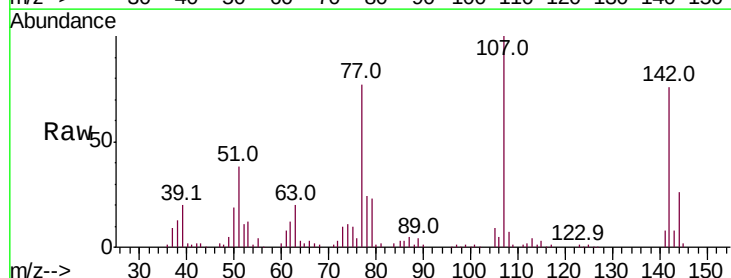
Tgt Ion:107 Resp: 162451

Ion Ratio Lower Upper

107 100

144 25.8 23.3 34.9

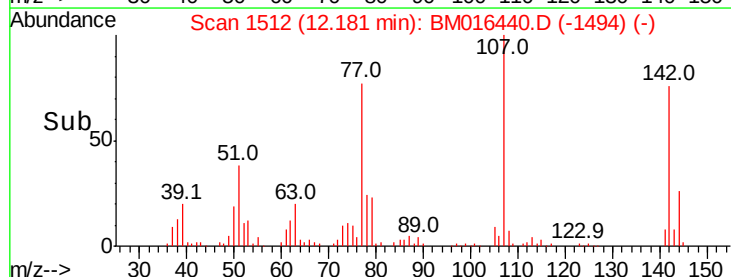
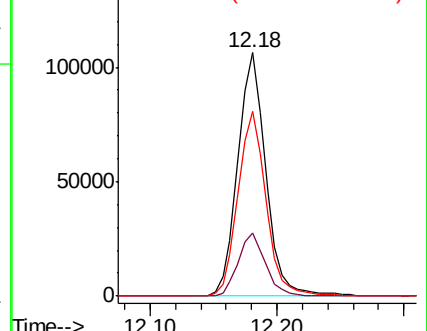
142 76.1 72.6 109.0

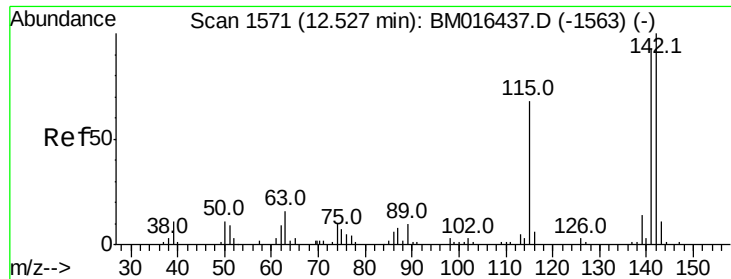


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

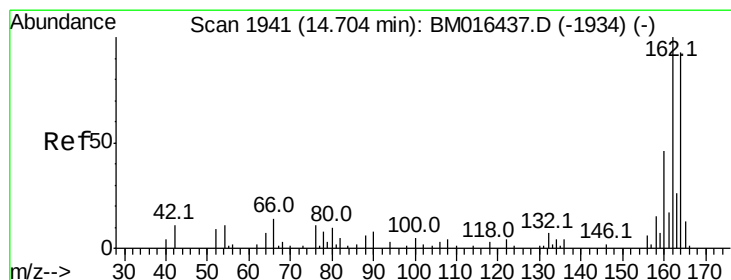
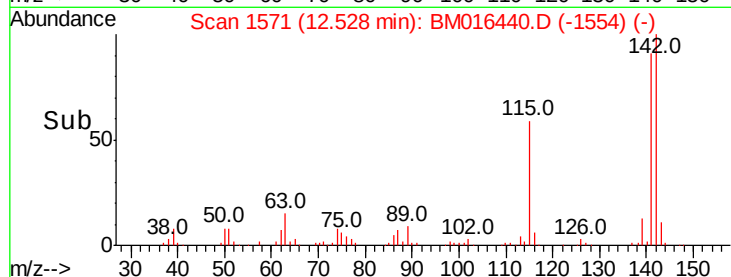
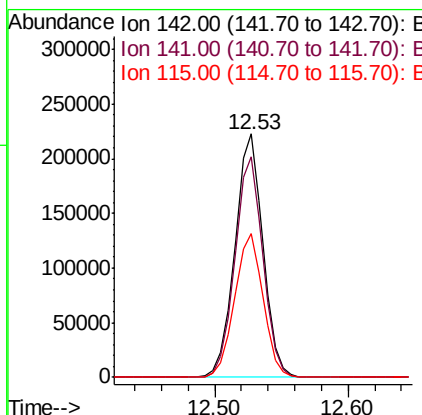
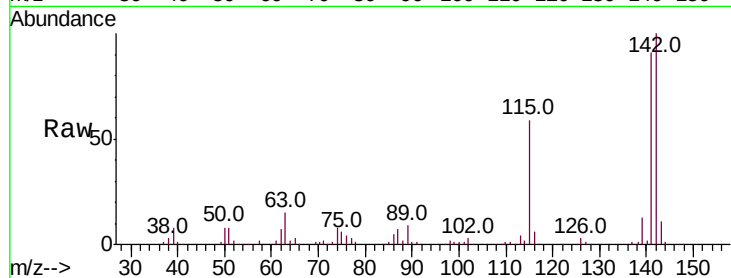




#37
 2-Methylnaphthalene
 Concen: 100.761 ng
 RT: 12.53 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

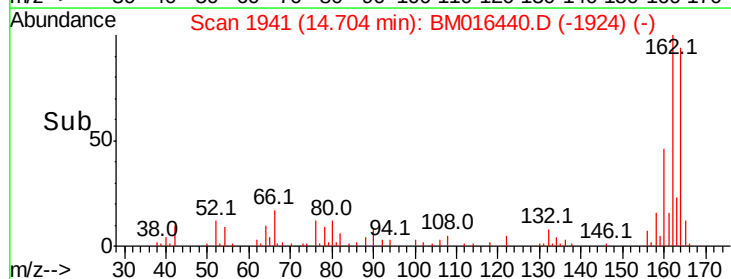
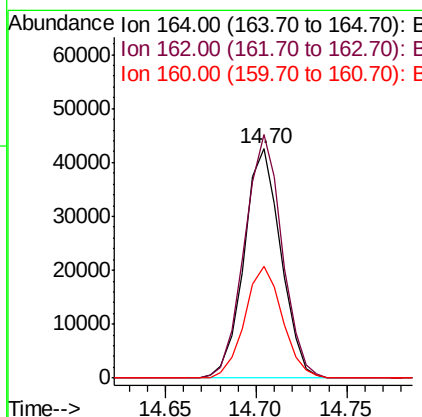
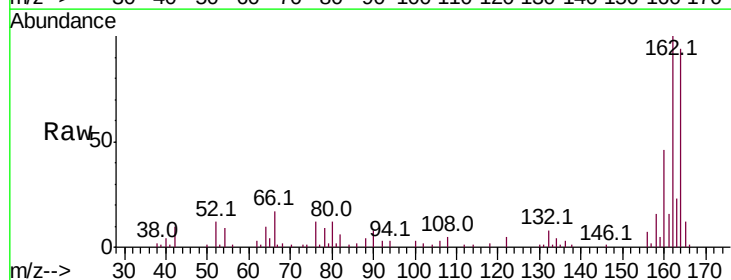
Instrument :
 BNA_M
 ClientSampled :

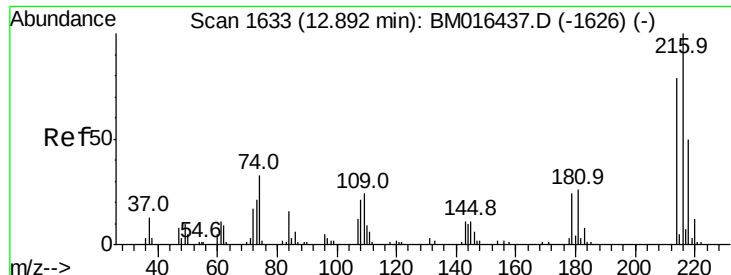
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9
115	59.0	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.4	123.6
160	48.8	35.8	53.6

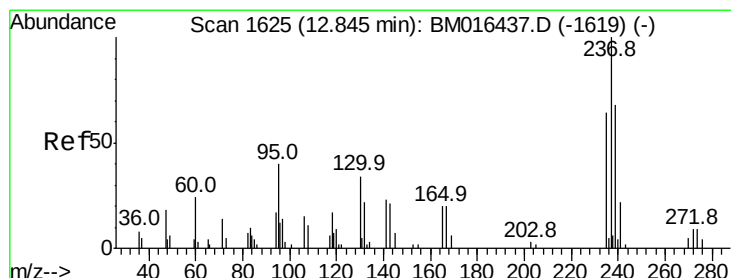
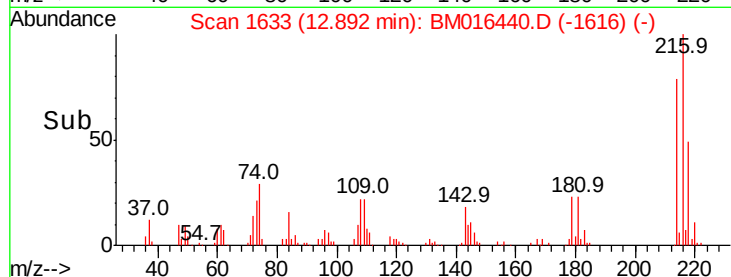
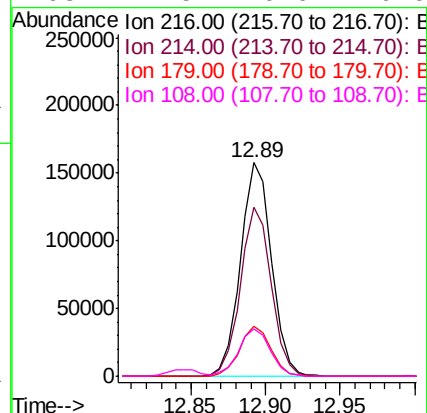
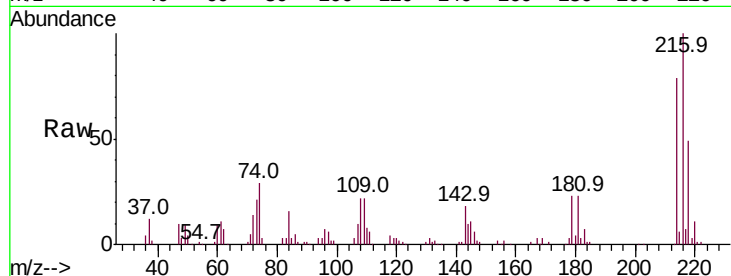




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 111.013 ng
 RT: 12.89 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

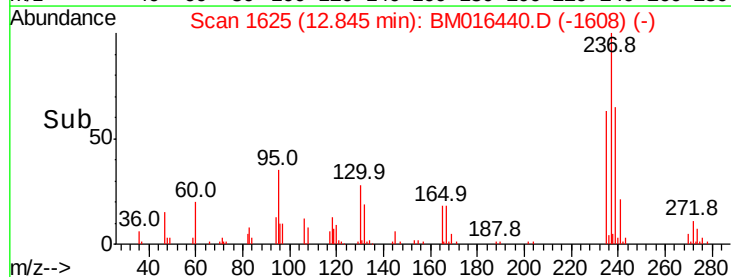
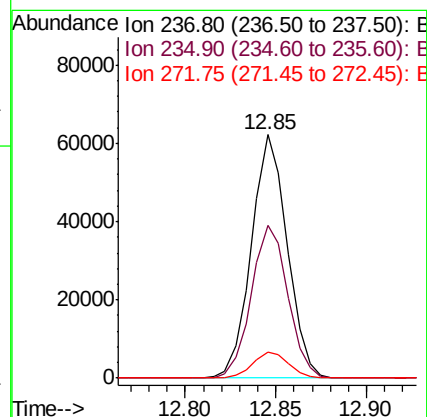
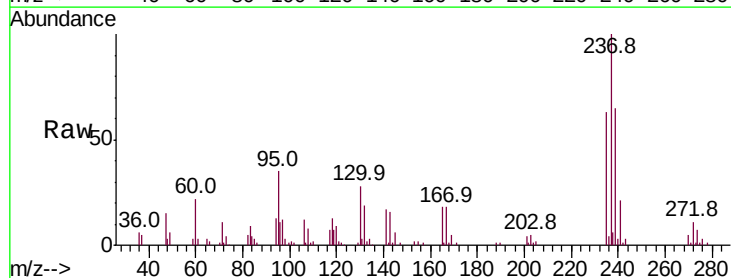
Instrument :
 BNA_M
 ClientSampled :

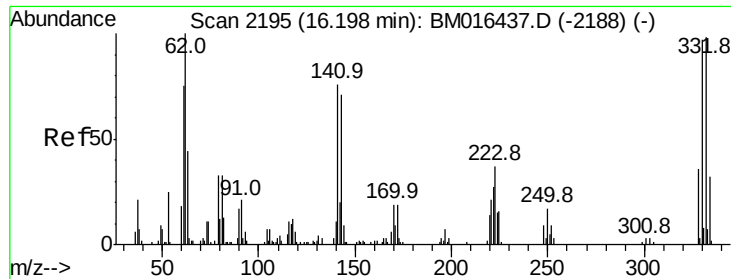
Tot Ion:	216	Resp:	227662
Ion	Ratio	Lower	Upper
216	100		
214	78.2	0.0	0.0#
179	23.6	0.0	0.0#
108	22.5	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 101.907 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion:	237	Resp:	85310
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.0	82.0
272	10.6	0.0	33.4

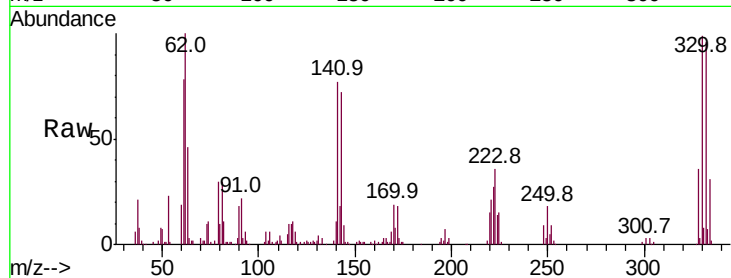




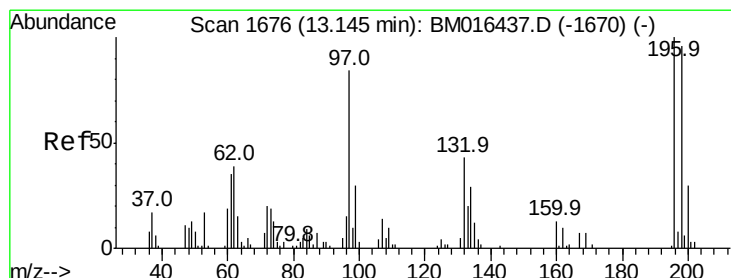
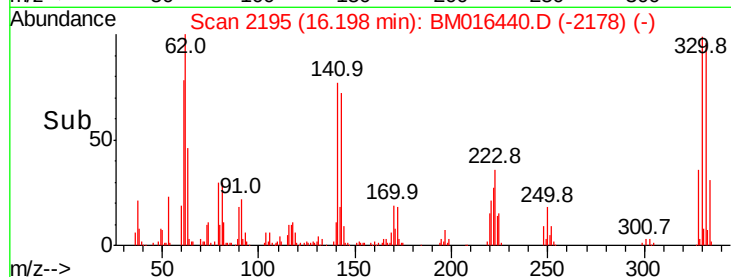
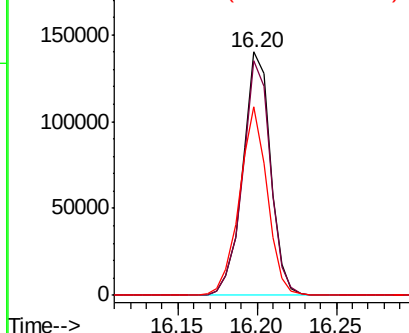
#41
 2,4,6-Tribromophenol
 Concen: 101.907 ng
 RT: 16.20 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 169924
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 77.6 0.0 0.0#

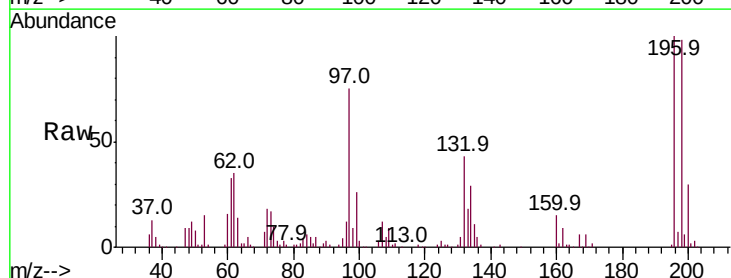


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

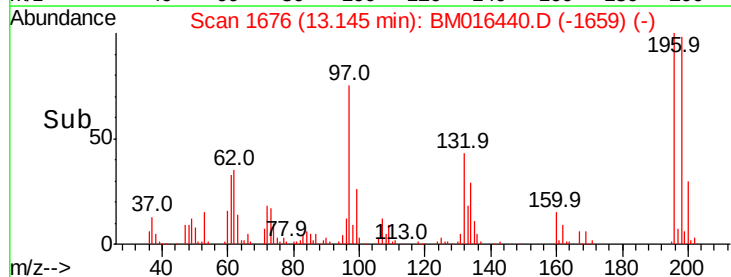
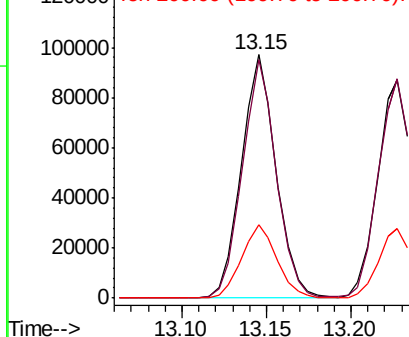


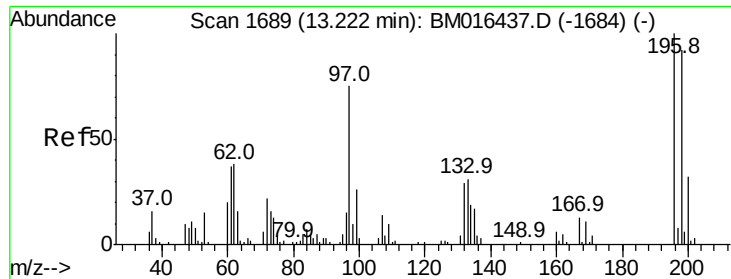
#42
 2,4,6-Trichlorophenol
 Concen: 108.025 ng
 RT: 13.15 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion:196 Resp: 138604
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.3 114.5
 200 29.9 25.6 38.4



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

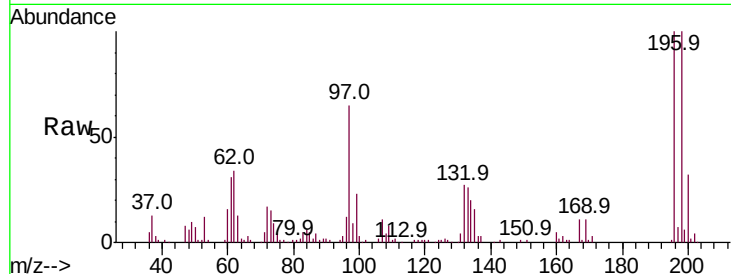




#43
 2,4,5-Trichlorophenol
 Concen: 102.590 ng
 RT: 13.23 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.1	79.4	119.0
97	65.3	26.8	40.2
132	27.4	18.6	28.0



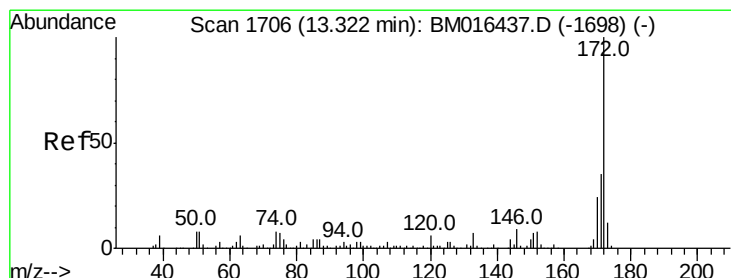
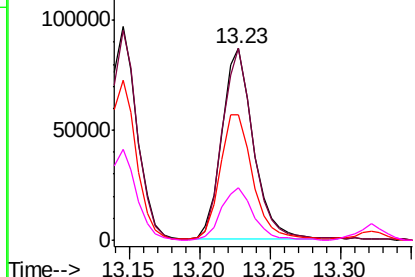
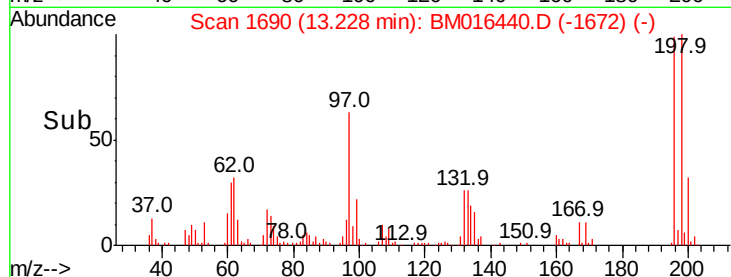
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

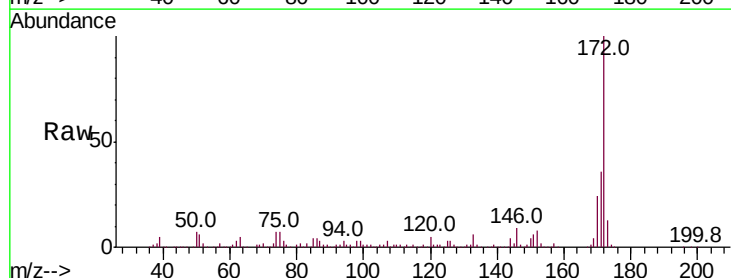
Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.590 ng
 RT: 13.32 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	24.2	18.8	28.2

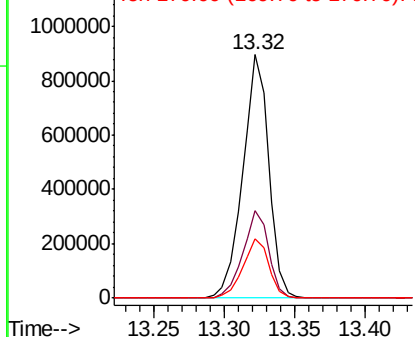
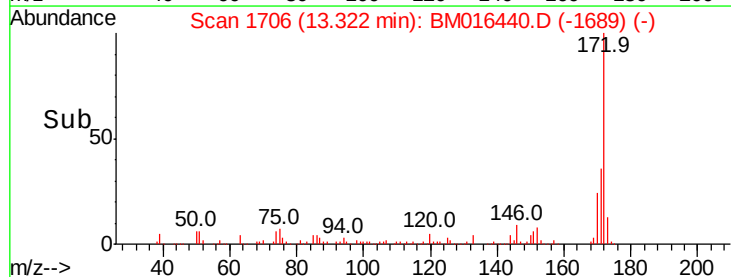


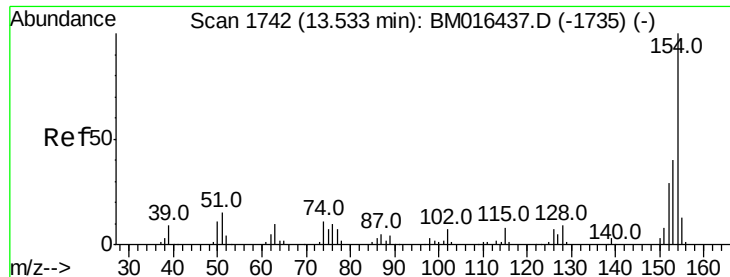
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

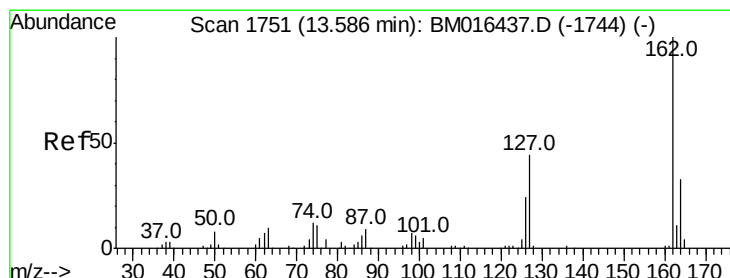
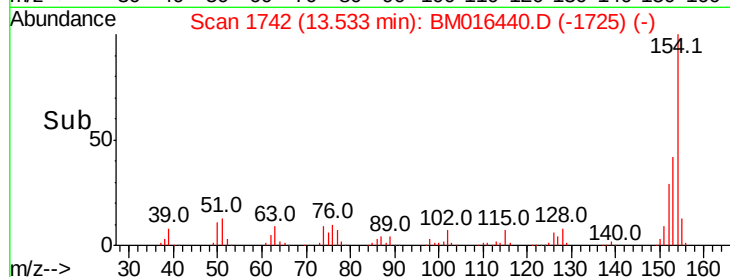
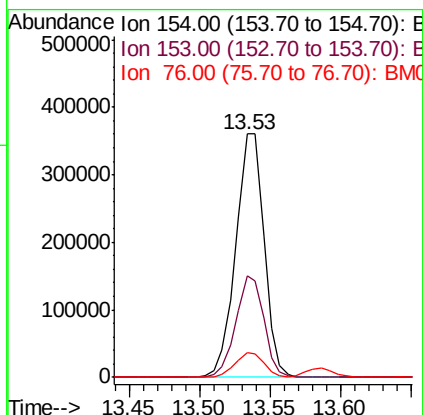
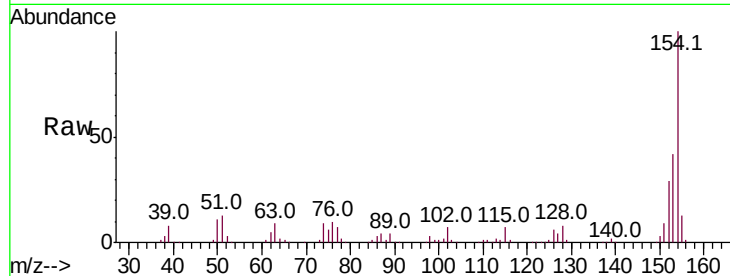




#45
 1,1'-Biphenyl
 Concen: 93.064 ng
 RT: 13.53 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

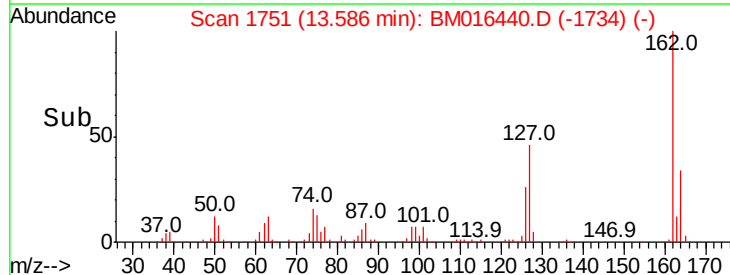
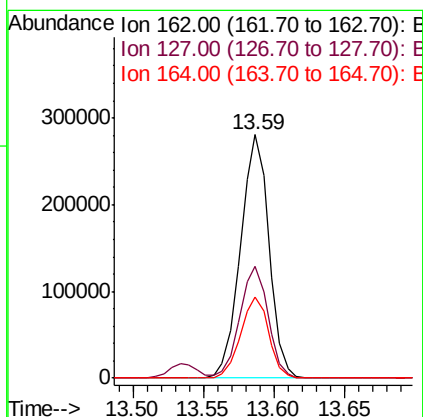
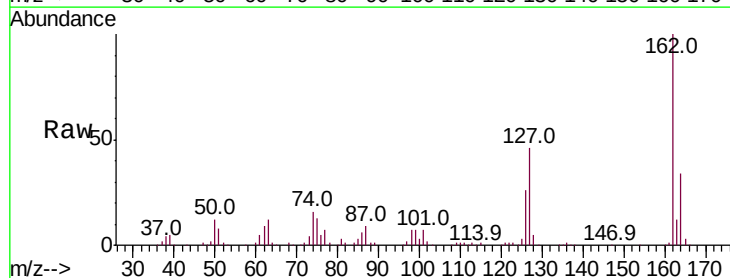
Instrument :
 BNA_M
 ClientSampled :

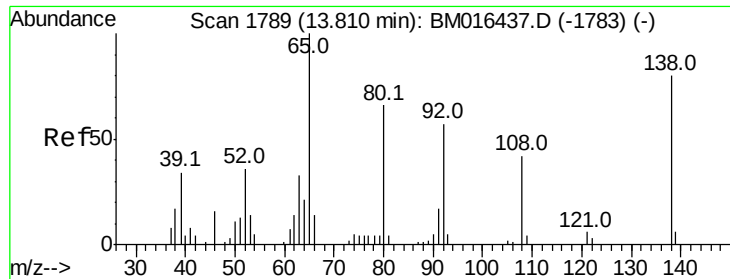
Tot Ion:	154	Resp:	505920
Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.7	60.7
76	10.4	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 93.331 ng
 RT: 13.59 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion:	162	Resp:	394619
Ion	Ratio	Lower	Upper
162	100		
127	46.1	26.9	40.3#
164	33.5	26.8	40.2

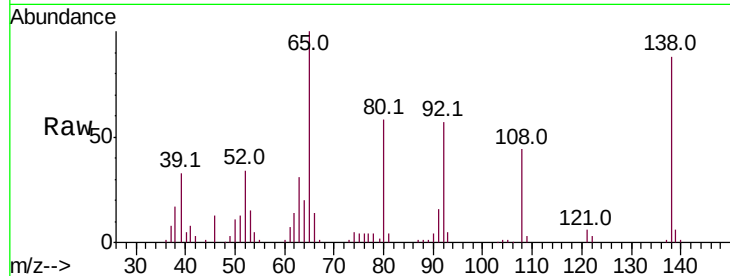




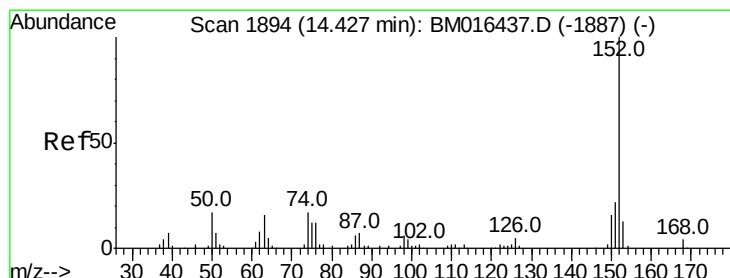
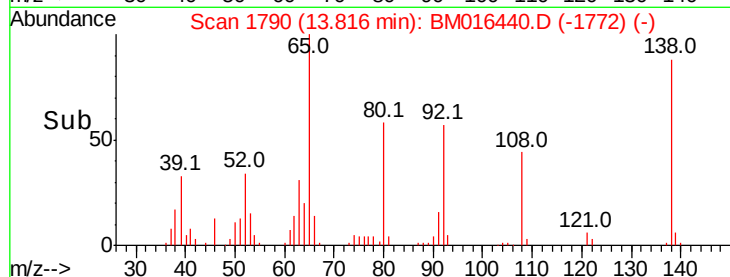
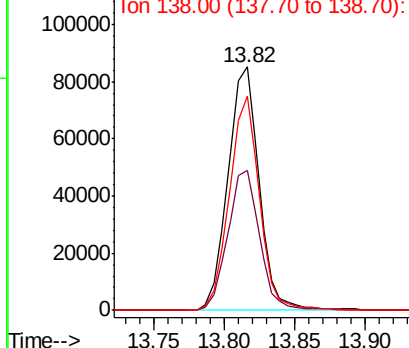
#47
2-Nitroaniline
Concen: 93.892 ng
RT: 13.82 min Scan# 1790
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampled :

Tot Ion: 65 Resp: 131249
Ion Ratio Lower Upper
65 100
92 57.3 59.1 88.7#
138 87.9 93.9 140.9#

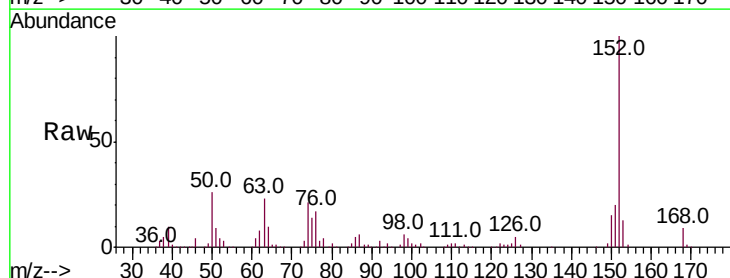


Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

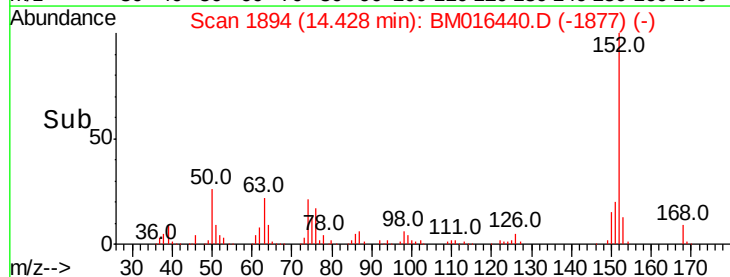
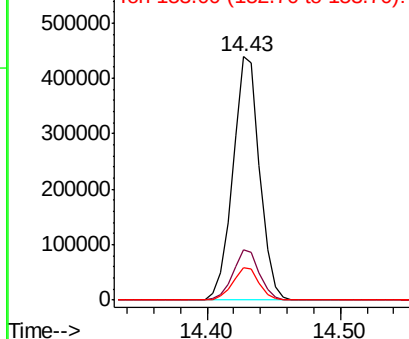


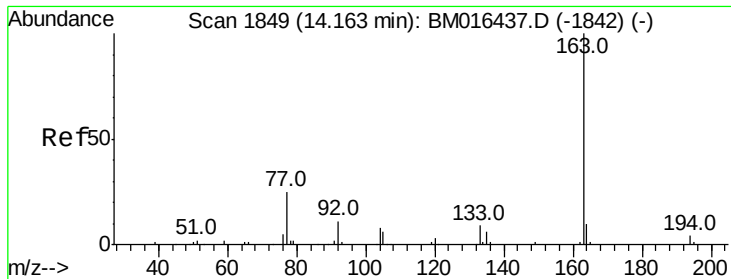
#48
Acenaphthylene
Concen: 98.761 ng
RT: 14.43 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion:152 Resp: 611309
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.3 10.6 16.0



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

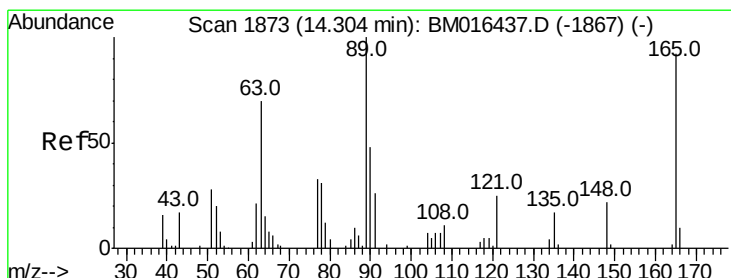
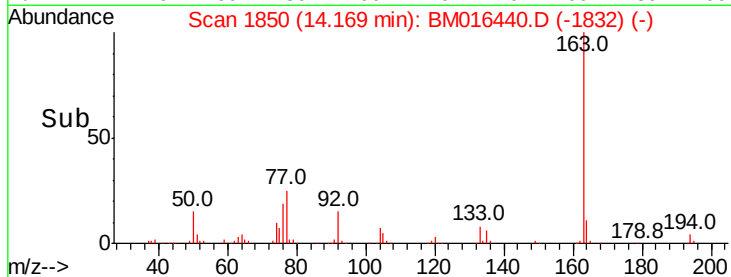
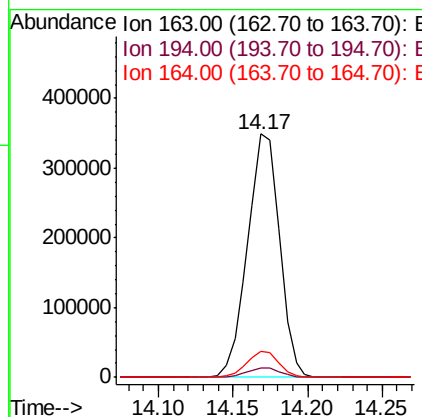
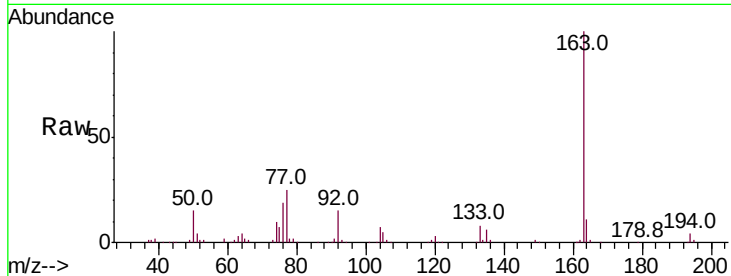




#49
Dimethylphthalate
Concen: 98.358 ng
RT: 14.17 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

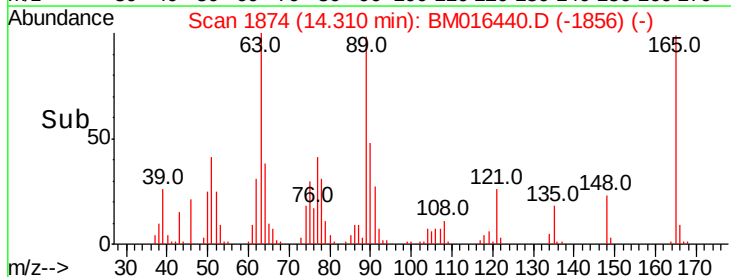
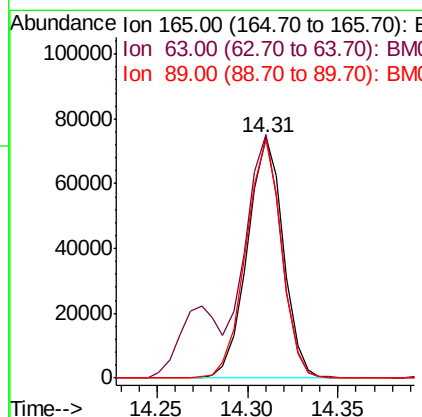
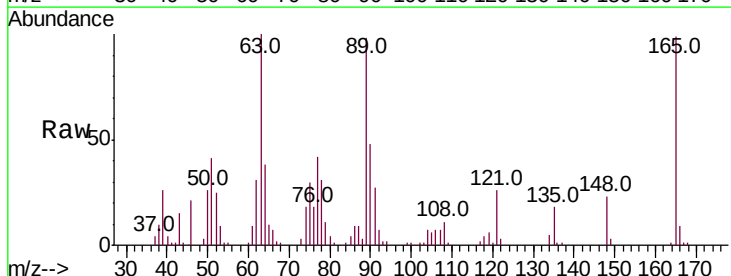
Instrument :
BNA_M
ClientSampleId :

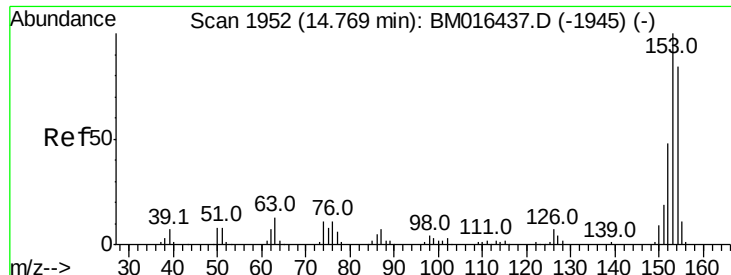
Tot Ion:163 Resp: 518511
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 96.635 ng
RT: 14.31 min Scan# 1874
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion:165 Resp: 102499
Ion Ratio Lower Upper
165 100
63 101.0 44.1 66.1#
89 99.1 44.3 66.5#





#51

Acenaphthene

Concen: 90.201 ng

RT: 14.77 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

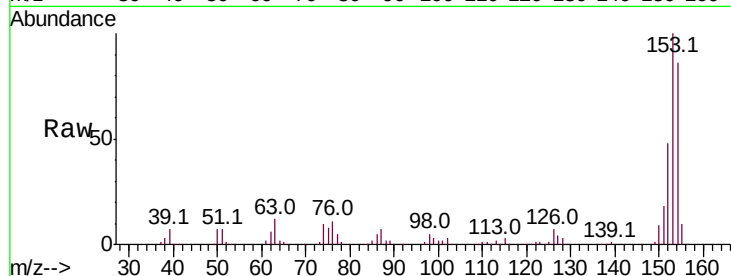
Tot Ion:154 Resp: 343379

Ion Ratio Lower Upper

154 100

153 116.5 90.0 135.0

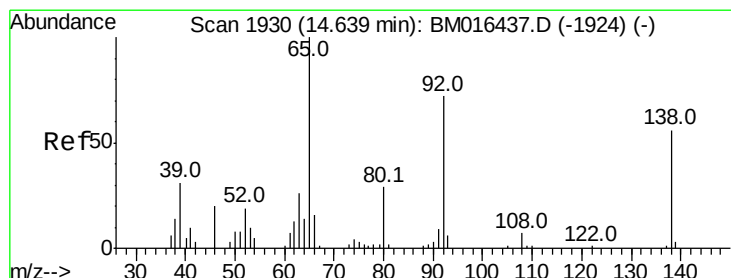
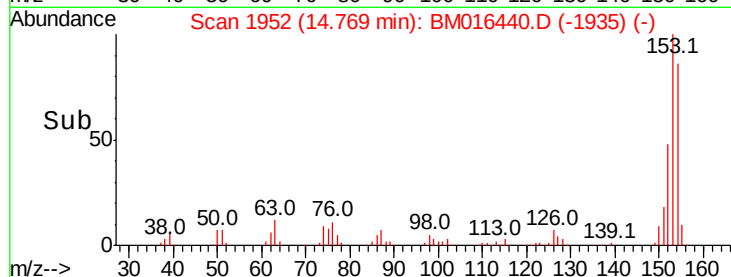
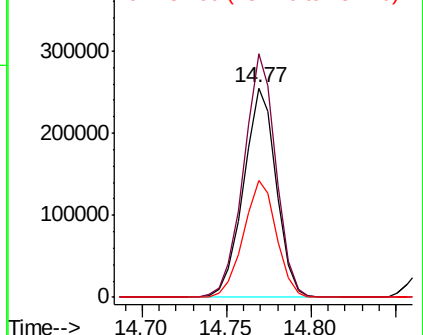
152 56.1 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 83.522 ng

RT: 14.65 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

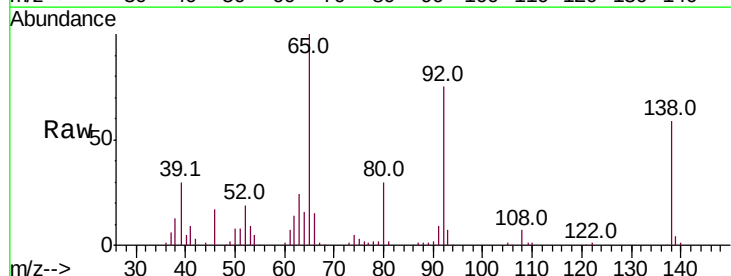
Tgt Ion:138 Resp: 95688

Ion Ratio Lower Upper

138 100

108 12.3 7.3 10.9#

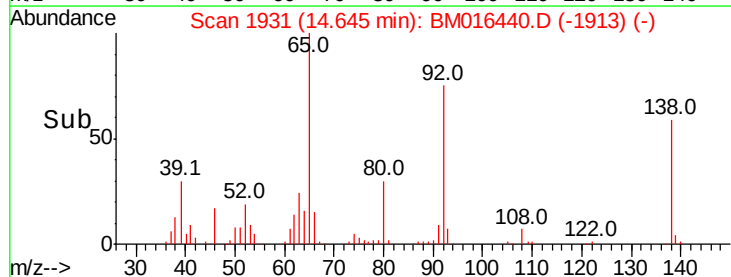
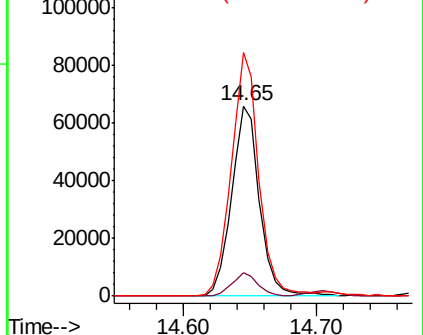
92 128.0 76.6 114.8#

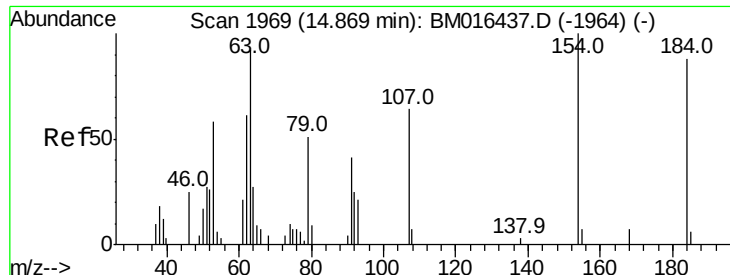


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

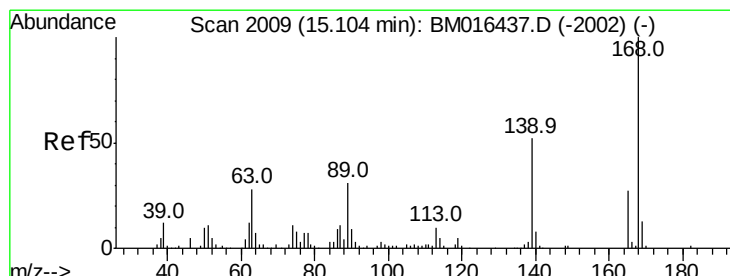
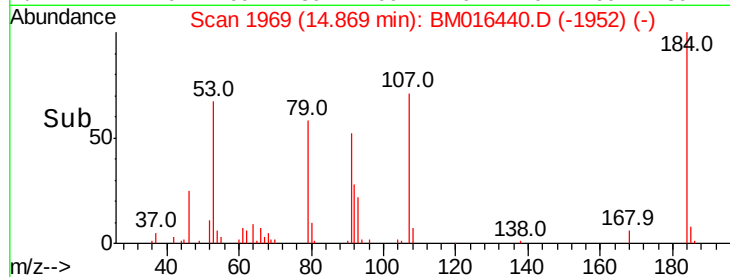
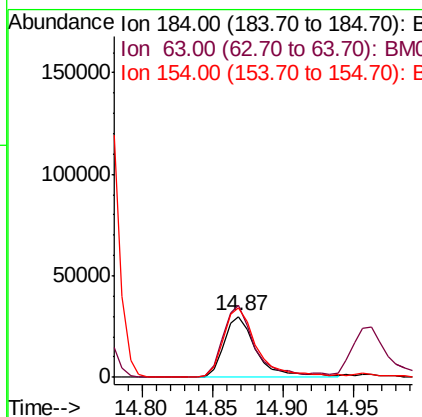
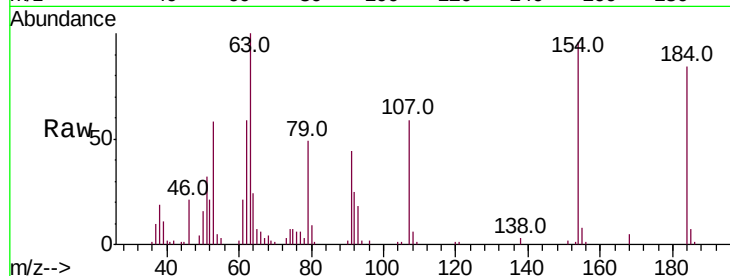




#53
 2,4-Dinitrophenol
 Concen: 122.668 ng
 RT: 14.87 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

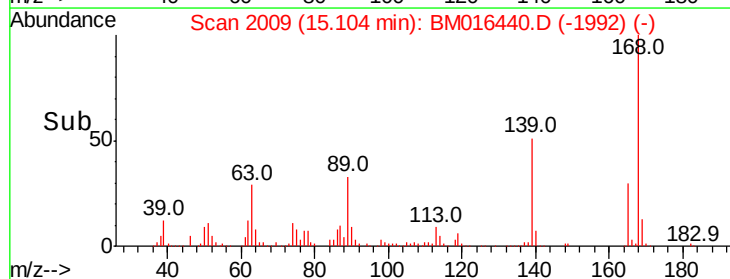
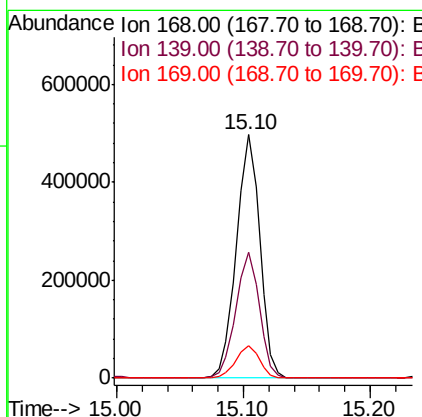
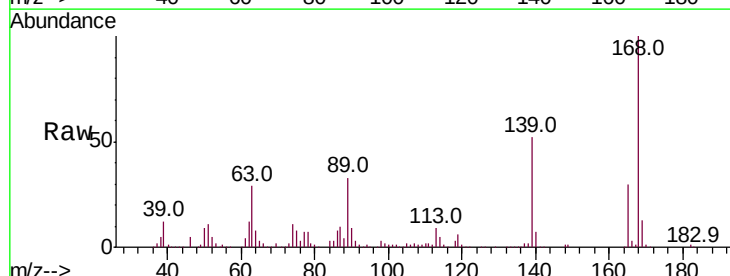
Instrument :
 BNA_M
 ClientSampleId :

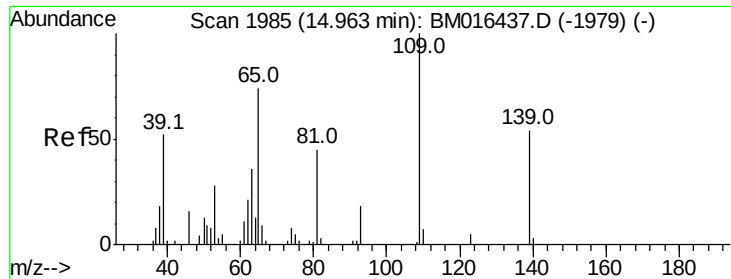
Tot Ion:184 Resp: 48505
 Ion Ratio Lower Upper
 184 100
 63 118.8 69.2 103.8#
 154 114.1 53.3 79.9#



#54
 Dibenzofuran
 Concen: 100.984 ng
 RT: 15.10 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion:168 Resp: 633499
 Ion Ratio Lower Upper
 168 100
 139 51.6 27.3 40.9#
 169 13.1 10.6 16.0

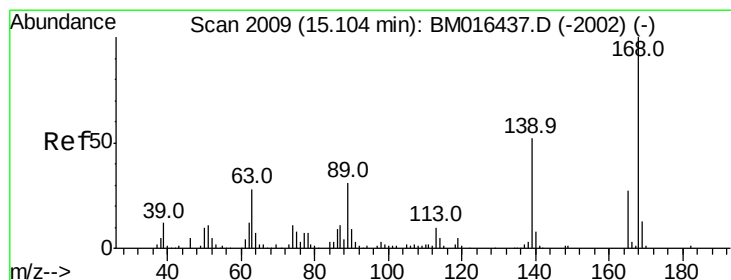
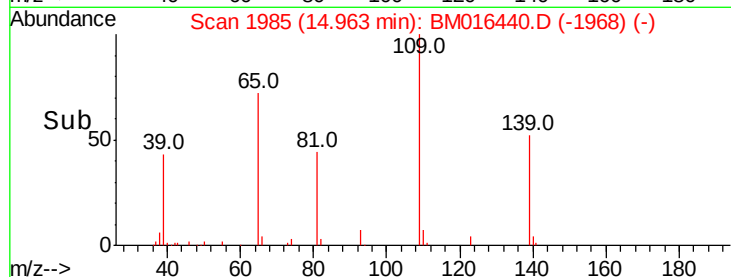
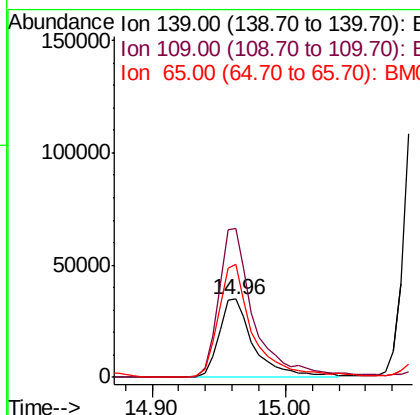
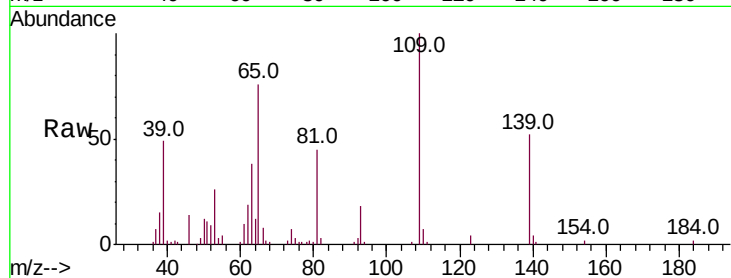




#55
4-Nitrophenol
Concen: 77.959 ng
RT: 14.96 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

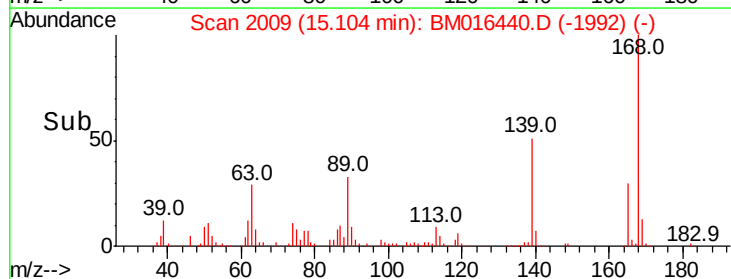
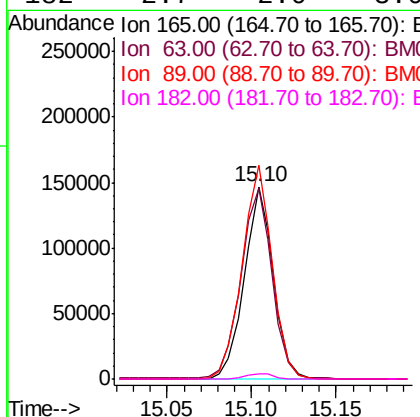
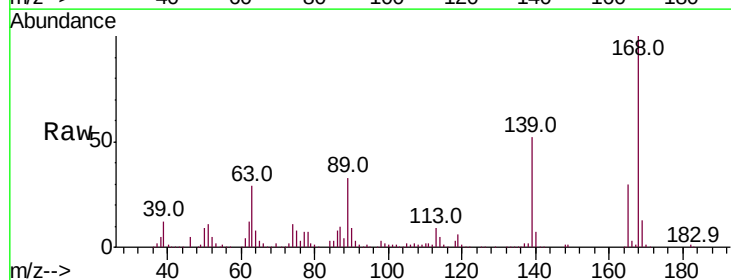
Instrument :
BNA_M
ClientSampleId :

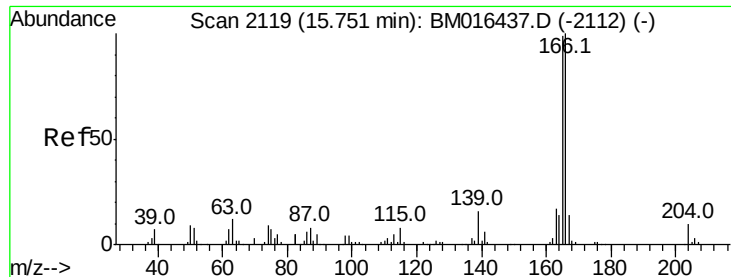
Tot Ion:139 Resp: 64026
Ion Ratio Lower Upper
139 100
109 191.2 130.0 170.0#
65 144.4 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 115.398 ng
RT: 15.10 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion:165 Resp: 175016
Ion Ratio Lower Upper
165 100
63 99.0 52.4 78.6#
89 111.1 72.4 108.6#
182 2.7 2.0 3.0

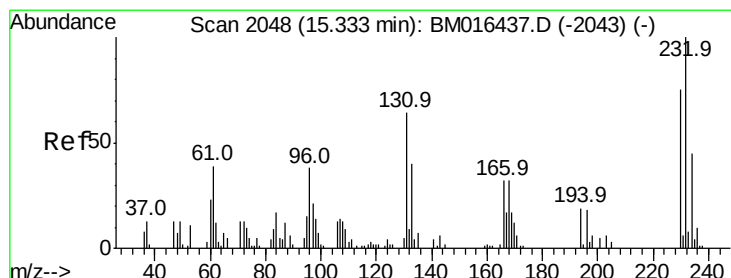
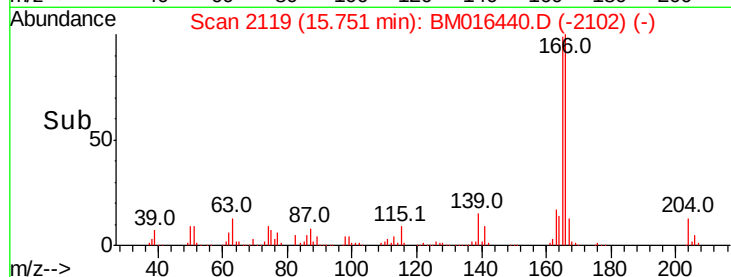
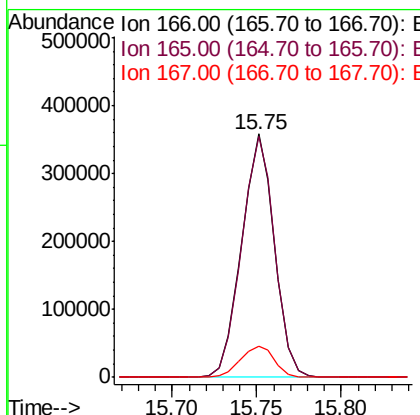
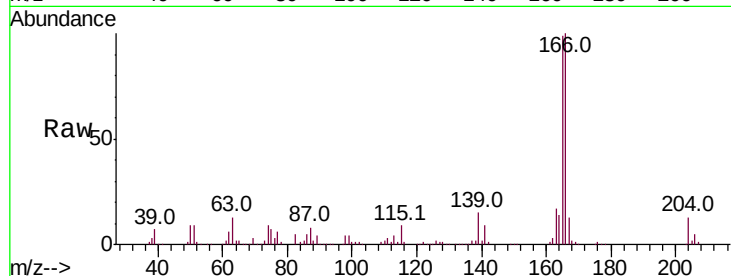




#57
 Fluorene
 Concen: 103.231 ng
 RT: 15.75 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

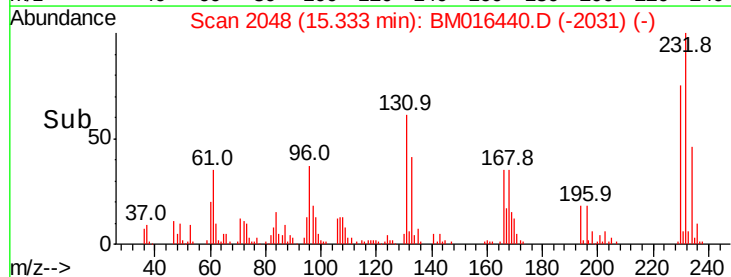
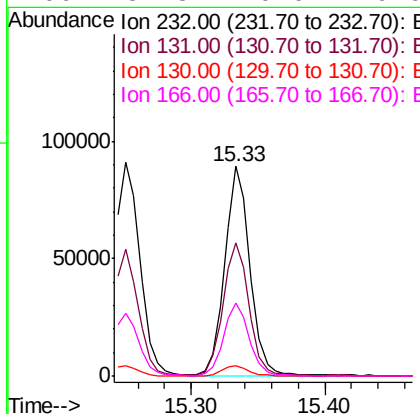
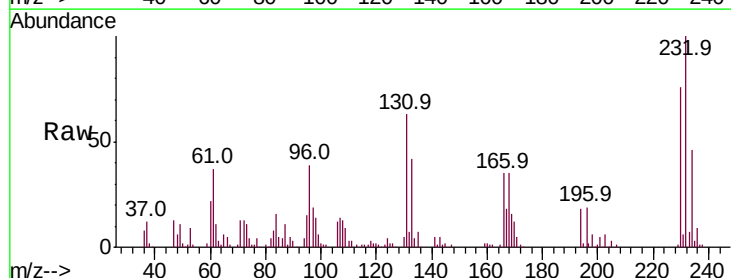
Instrument :
 BNA_M
 ClientSampled :

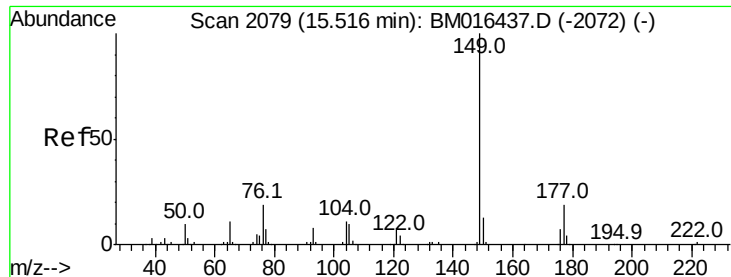
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.0	118.4
167	12.9	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 105.045 ng
 RT: 15.33 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
232	100		
131	65.5	0.0	0.0#
130	5.0	0.0	0.0#
166	34.8	0.0	0.0#

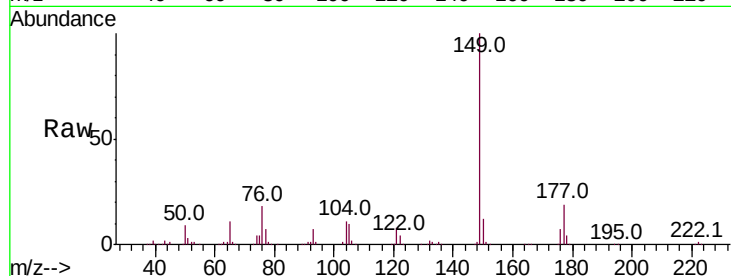




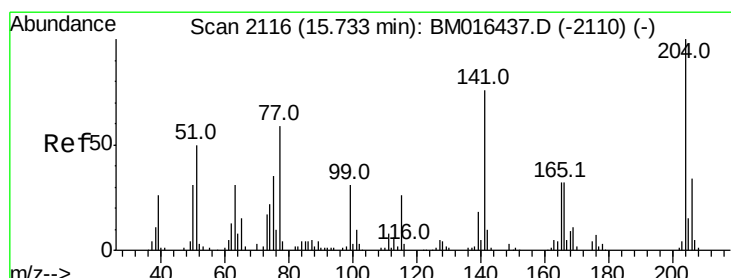
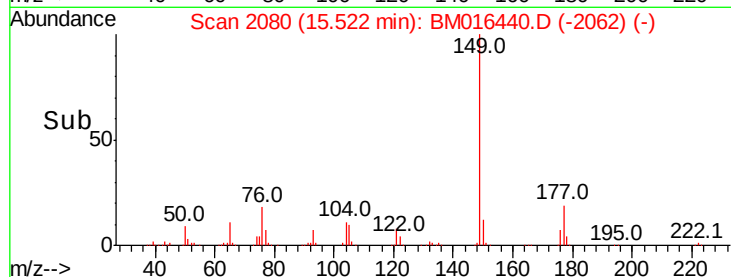
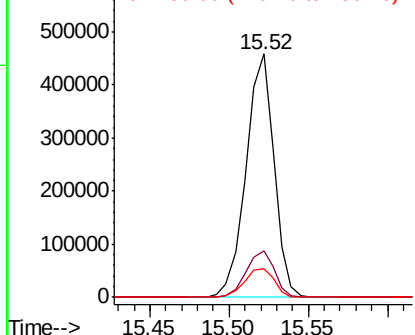
#59
Diethylphthalate
Concen: 98.840 ng
RT: 15.52 min Scan# 2080
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 561614
Ion Ratio Lower Upper
149 100
177 19.3 18.3 27.5
150 11.9 9.8 14.8

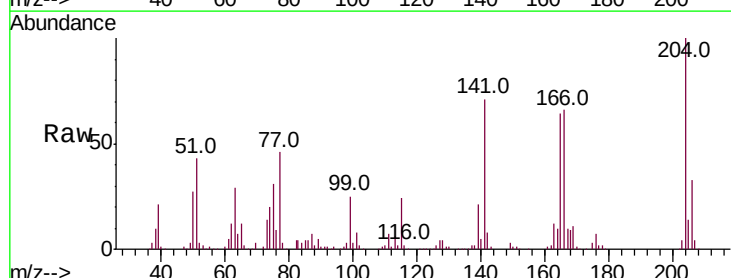


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

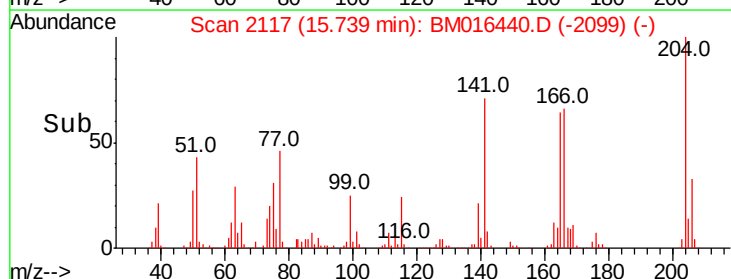
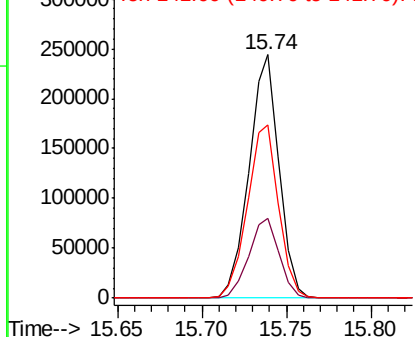


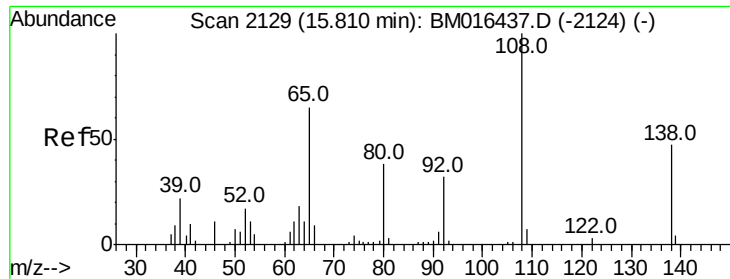
#60
4-Chlorophenyl-phenylether
Concen: 116.050 ng
RT: 15.74 min Scan# 2117
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion:204 Resp: 301159
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 71.1 45.2 67.8#



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

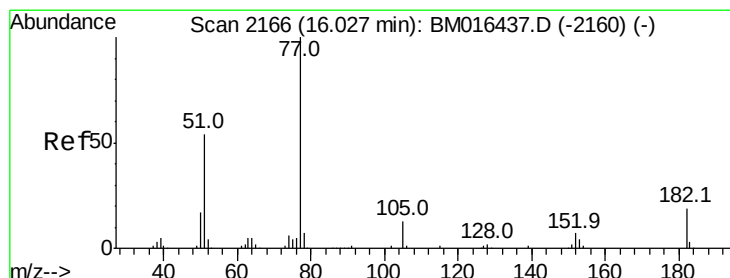
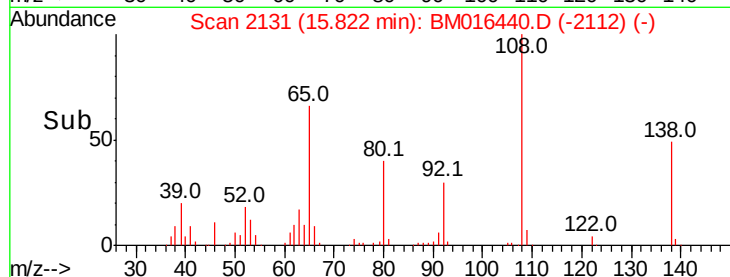
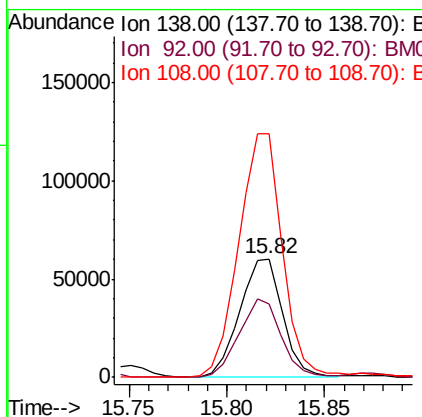
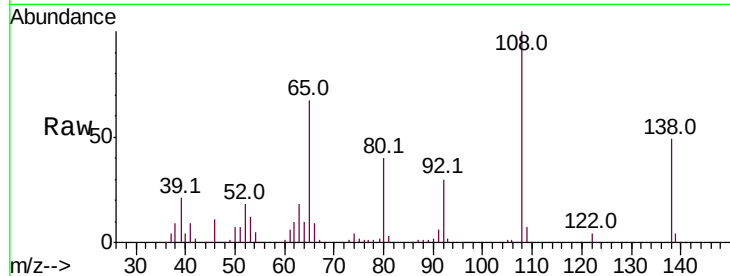




#61
4-Nitroaniline
Concen: 83.801 ng
RT: 15.82 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

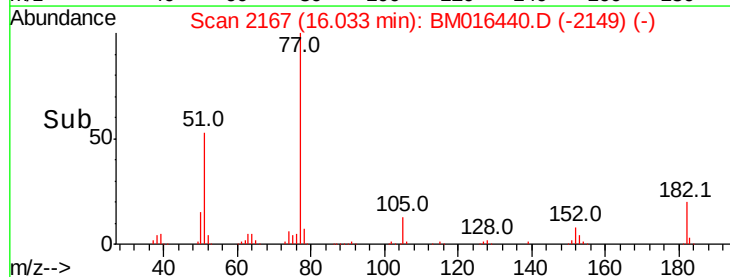
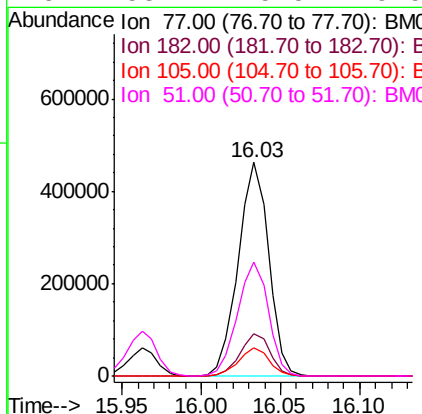
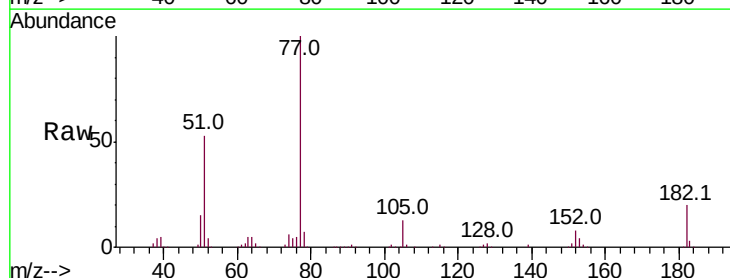
Instrument :
BNA_M
ClientSampled :

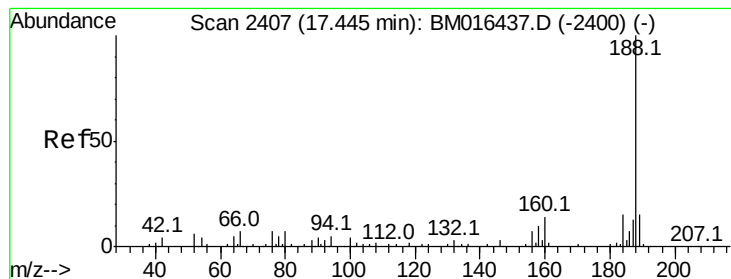
Tot Ion:138 Resp: 92114
Ion Ratio Lower Upper
138 100
92 61.9 16.7 56.7#
108 205.6 37.6 77.6#



#62
Azobenzene
Concen: 103.170 ng
RT: 16.03 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion: 77 Resp: 617381
Ion Ratio Lower Upper
77 100
182 19.6 6.5 46.5
105 13.3 3.8 43.8
51 53.2 5.5 45.5#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

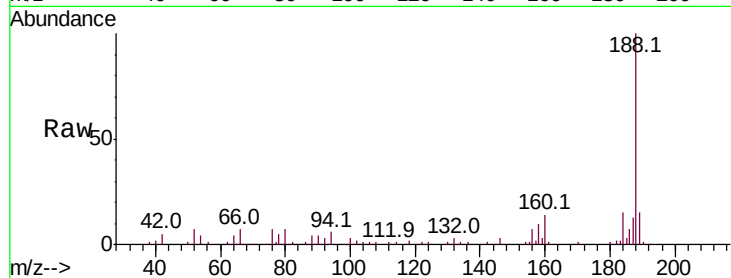
Tot Ion:188 Resp: 136991

Ion Ratio Lower Upper

188 100

94 6.1 8.7 13.1#

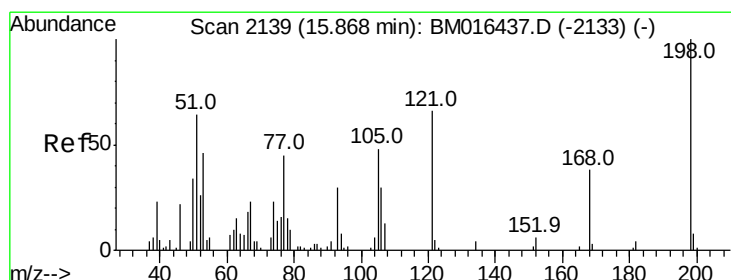
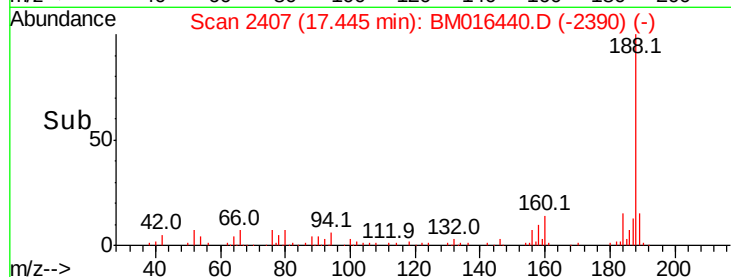
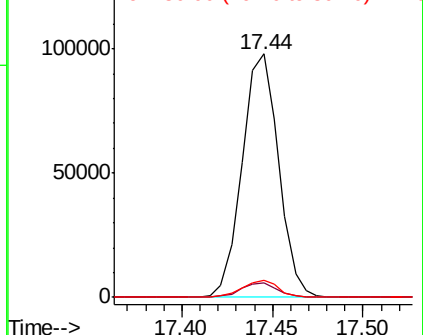
80 7.1 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 105.065 ng

RT: 15.87 min Scan# 2140

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

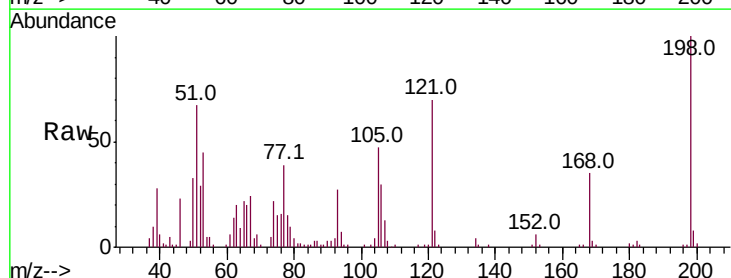
Tgt Ion:198 Resp: 87361

Ion Ratio Lower Upper

198 100

51 67.3 28.8 68.8

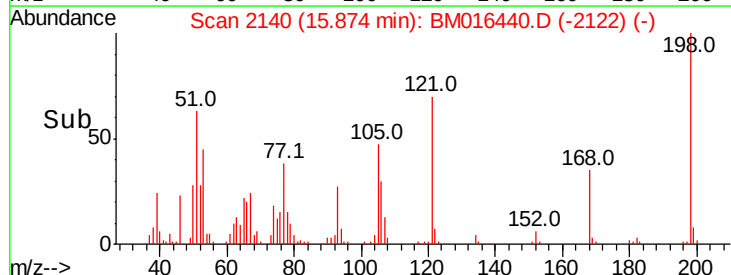
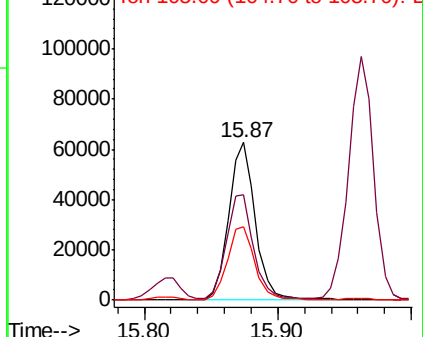
105 46.9 30.5 70.5

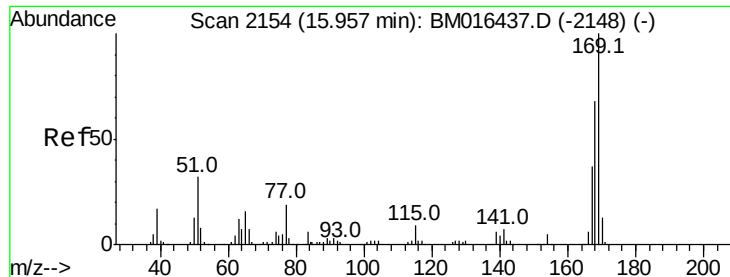


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

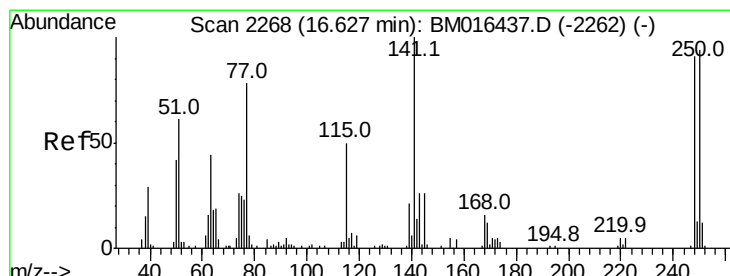
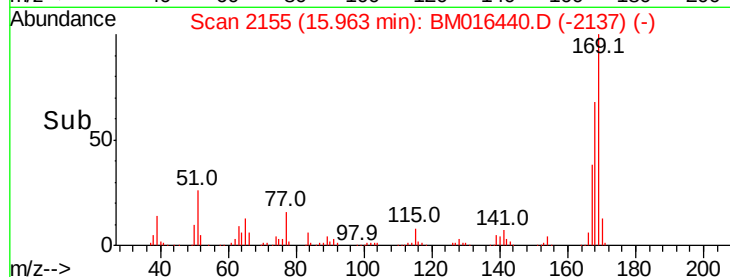
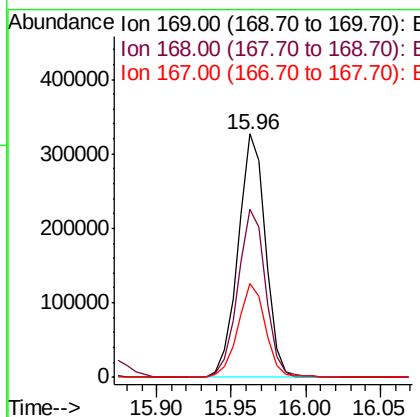
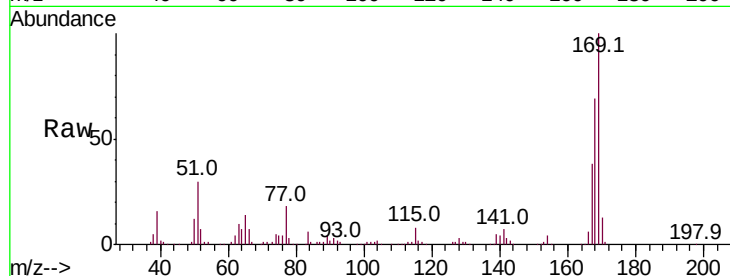




#65
n-Nitrosodiphenylamine
Concen: 92.279 ng
RT: 15.96 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

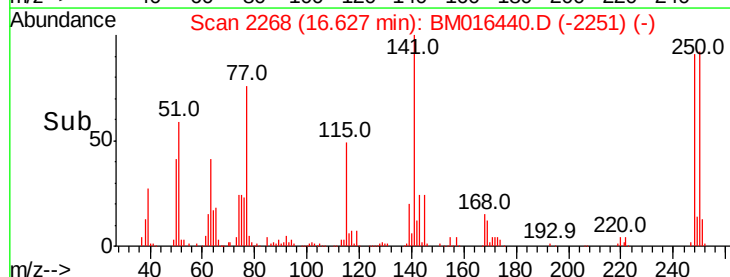
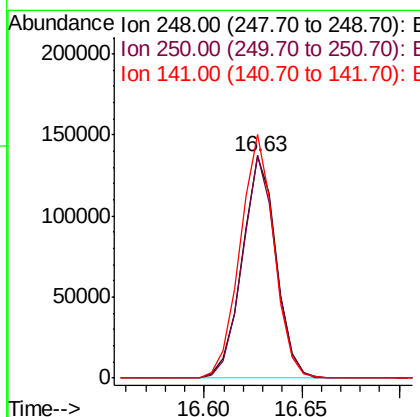
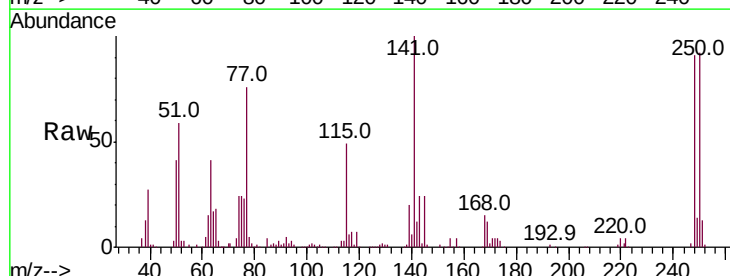
Instrument :
BNA_M
ClientSampleId :

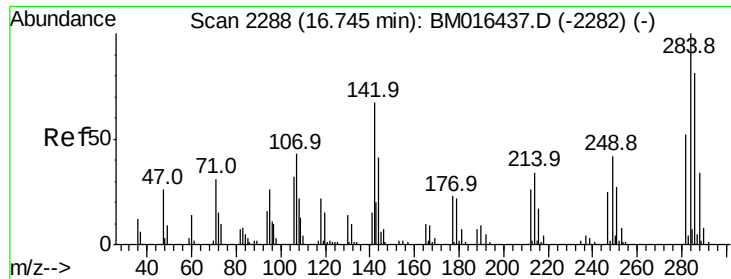
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	53.9	80.9
167	38.4	28.9	43.3



#66
4-Bromophenyl-phenylether
Concen: 106.606 ng
RT: 16.63 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.8	77.4	116.0
141	109.8	45.2	67.8#





#67

Hexachlorobenzene

Concen: 97.425 ng

RT: 16.75 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

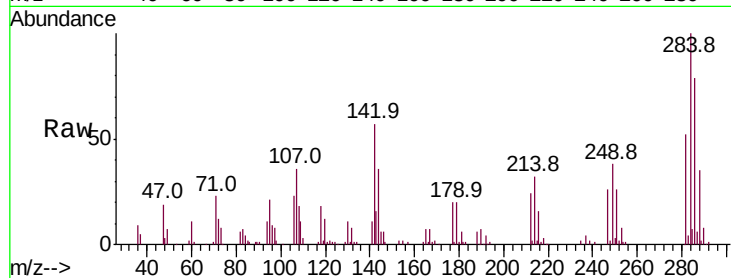
Tot Ion:284 Resp: 166426

Ion Ratio Lower Upper

284 100

142 56.9 20.4 30.6#

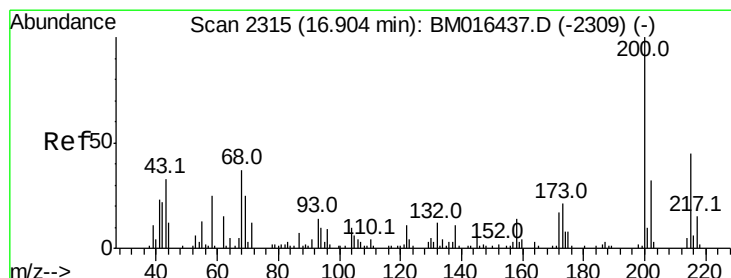
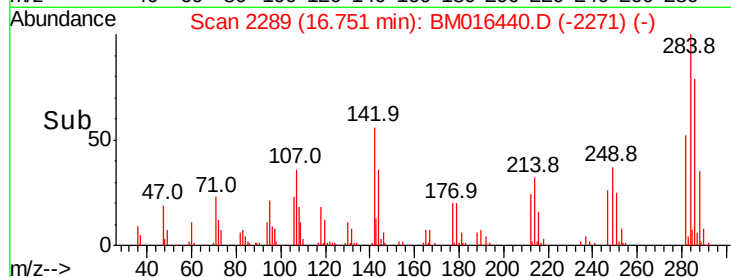
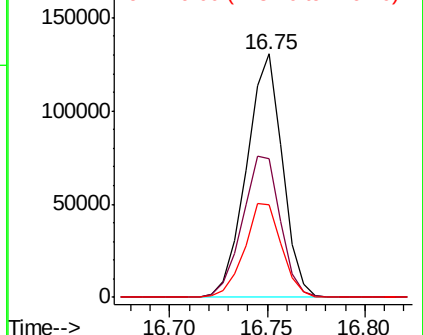
249 38.2 23.8 35.6#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 79.593 ng

RT: 16.91 min Scan# 2316

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

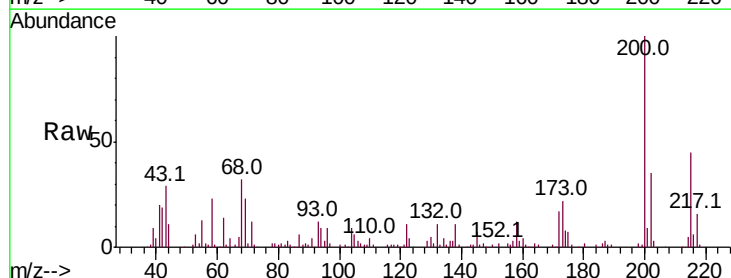
Tgt Ion:200 Resp: 128681

Ion Ratio Lower Upper

200 100

173 21.7 4.8 44.8

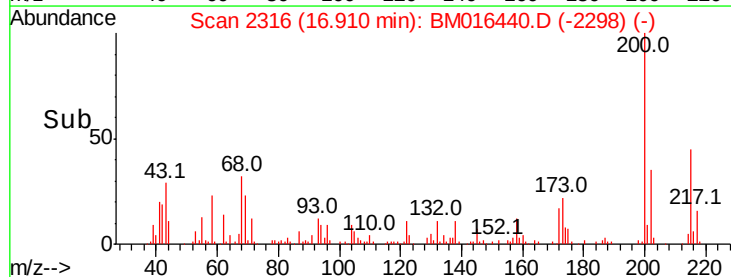
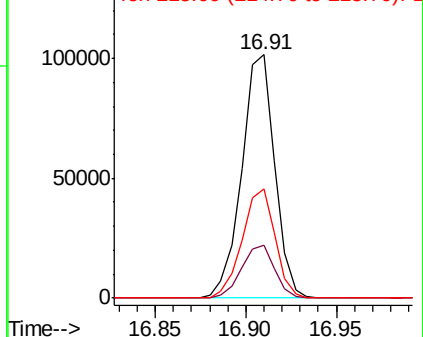
215 44.9 26.9 66.9

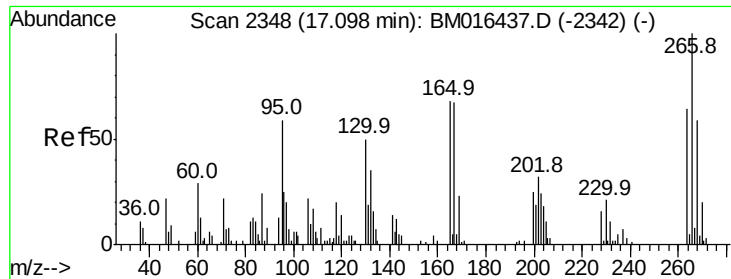


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

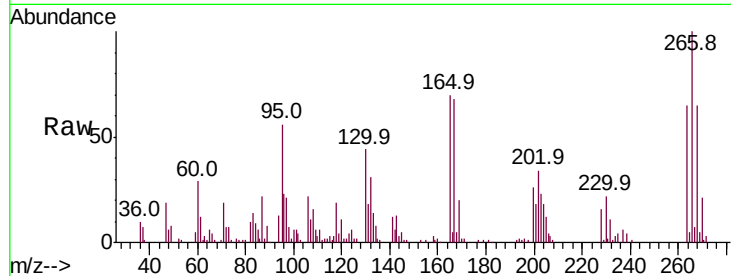




#69
 Pentachlorophenol
 Concen: 87.269 ng
 RT: 17.10 min Scan# 2348
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.4	52.0	78.0
264	64.7	49.0	73.4

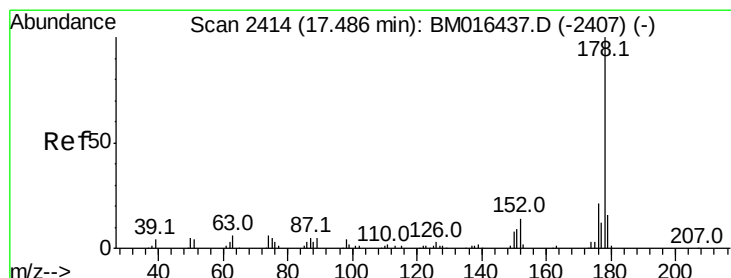
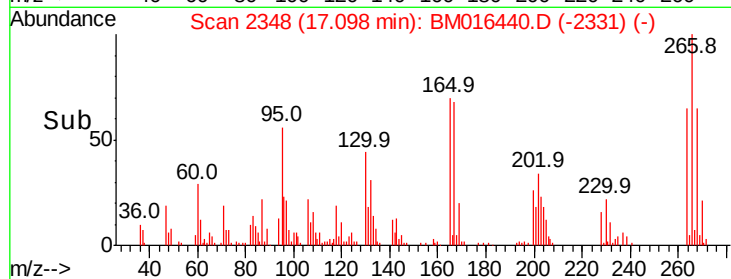
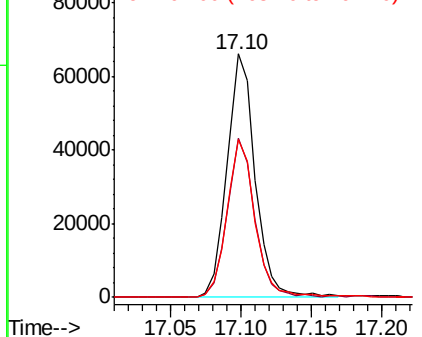


Abundance

Ion 265.70 (265.40 to 266.40): E

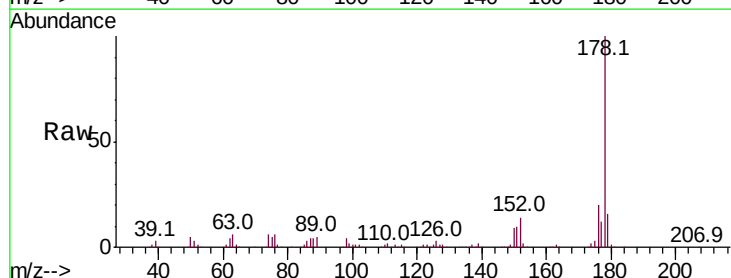
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 91.436 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.2	22.8
179	15.7	12.1	18.1

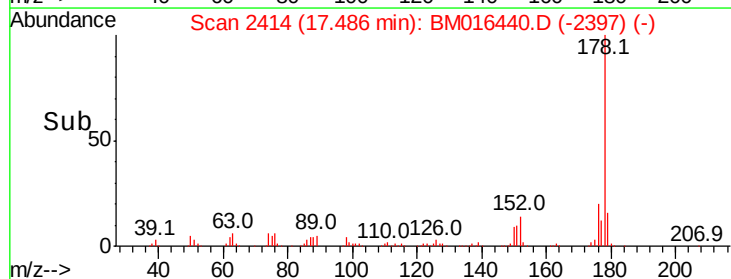
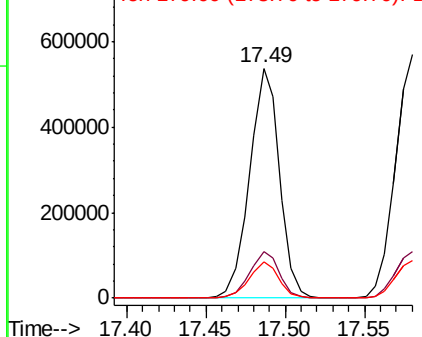


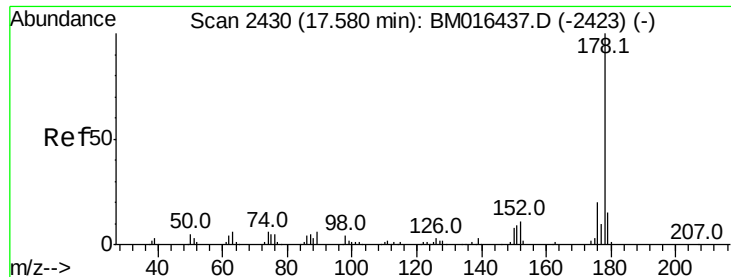
Abundance

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

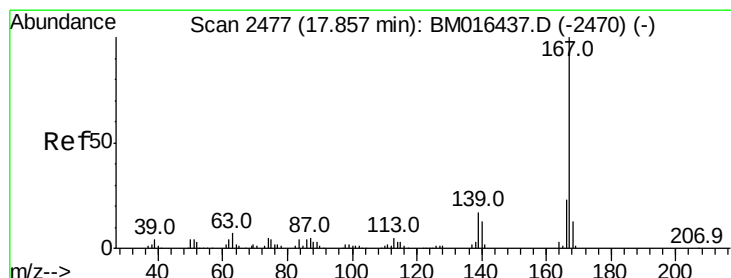
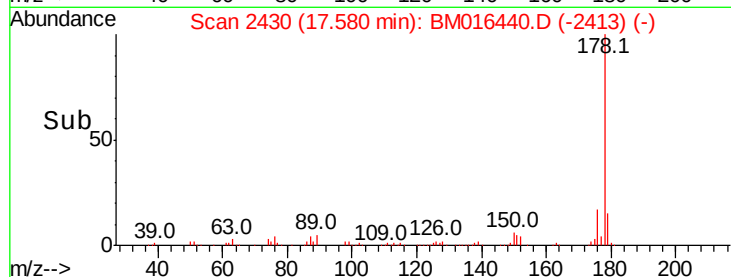
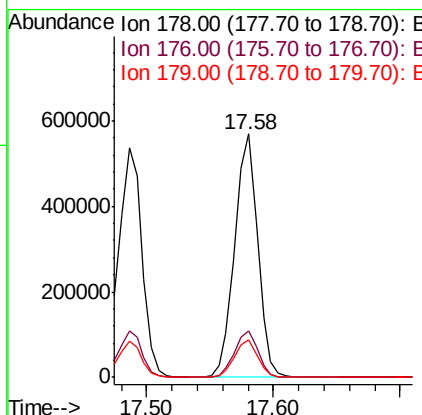
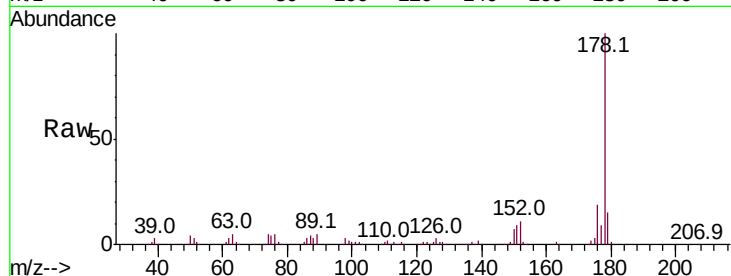




#71
 Anthracene
 Concen: 95.885 ng
 RT: 17.58 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

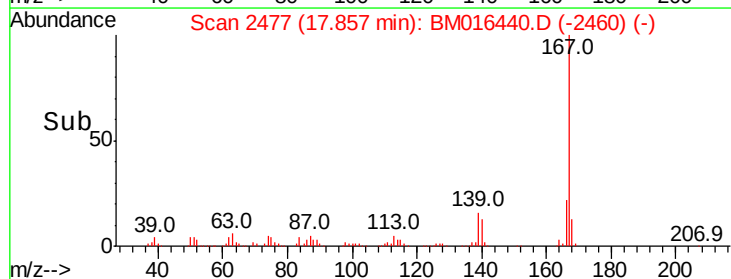
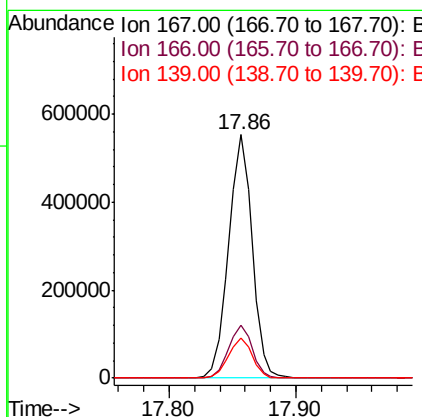
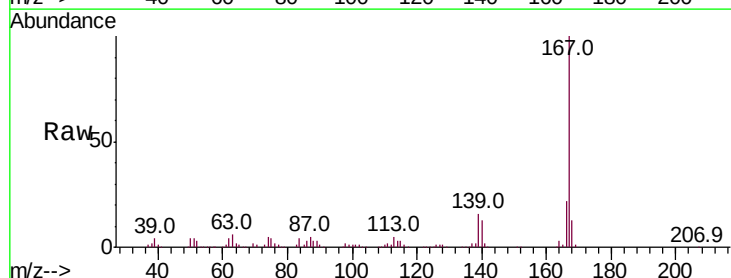
Instrument :
 BNA_M
 ClientSampleId :

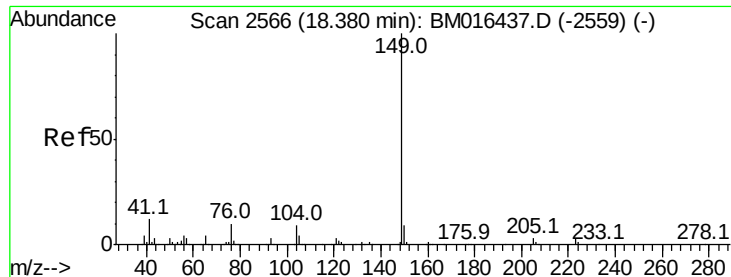
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.5	12.6	19.0



#72
 Carbazole
 Concen: 91.805 ng
 RT: 17.86 min Scan# 2477
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	16.5	10.8	16.2#

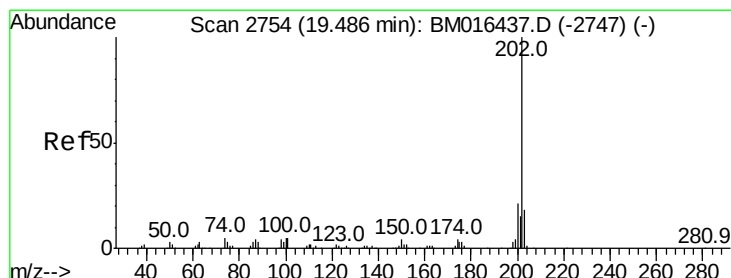
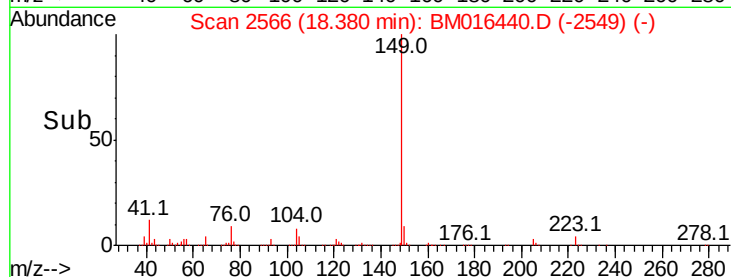
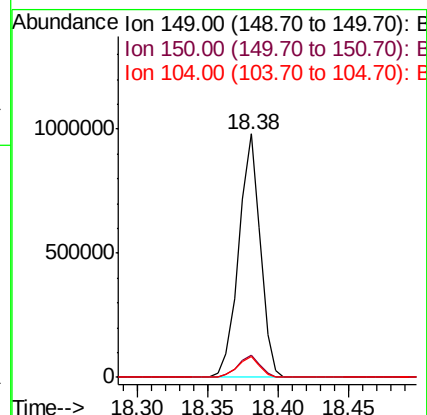
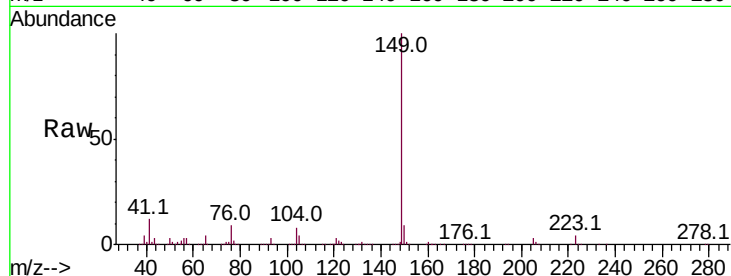




#73
Di-n-butylphthalate
Concen: 107.734 ng
RT: 18.38 min Scan# 2566
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

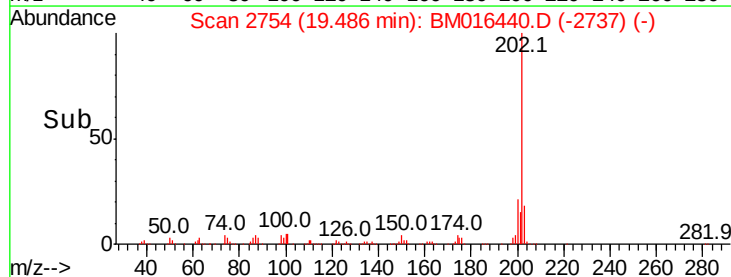
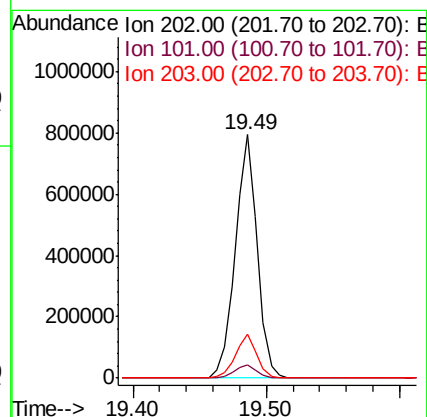
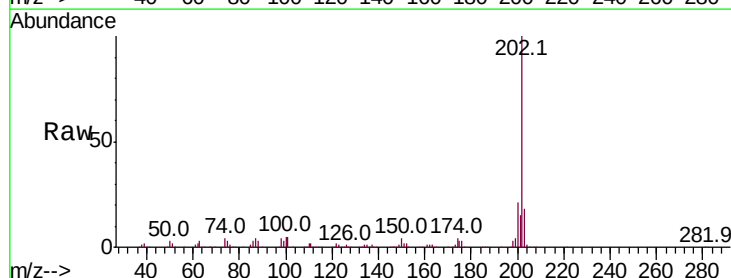
Instrument :
BNA_M
ClientSampled :

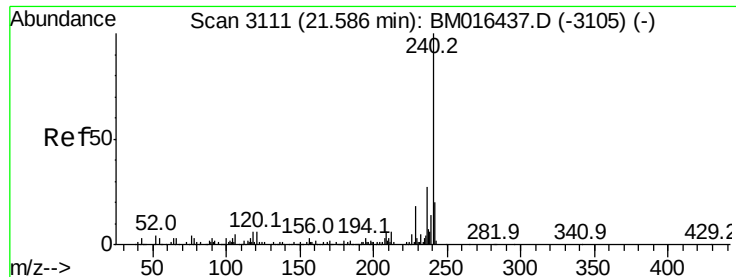
Tot Ion:149 Resp: 1036671
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 8.5 3.7 5.5#



#74
Fluoranthene
Concen: 106.523 ng
RT: 19.49 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion:202 Resp: 911327
Ion Ratio Lower Upper
202 100
101 5.2 0.0 28.7
203 17.9 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM016440.D

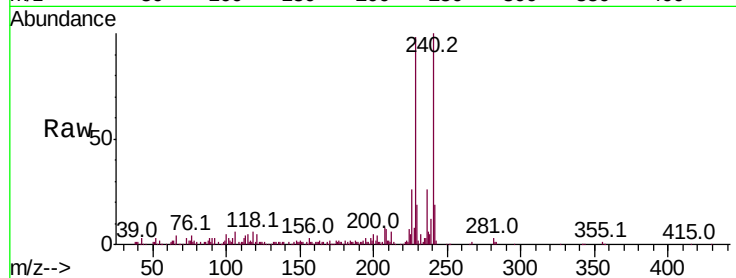
Acq: 17 Aug 2018 15:38

Instrument :

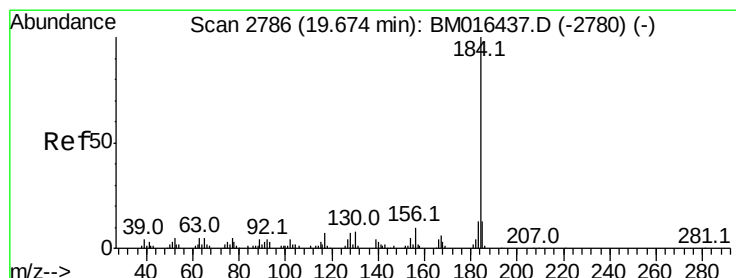
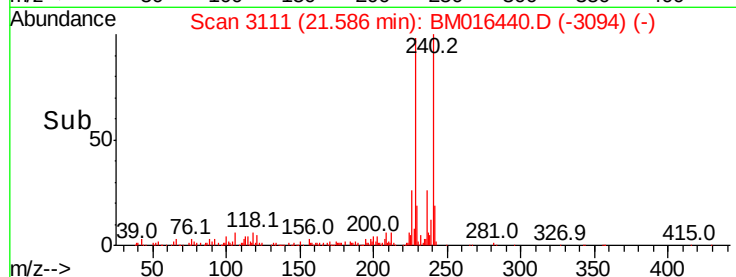
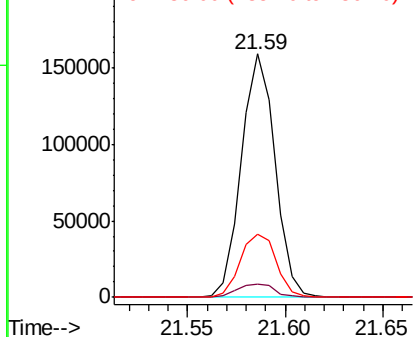
BNA_M

ClientSampleId :

Tot Ion:240	Resp:	190257
Ion Ratio	Lower	Upper
240	100	
120	5.3	8.2 12.2#
236	25.9	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: 55.888 ng

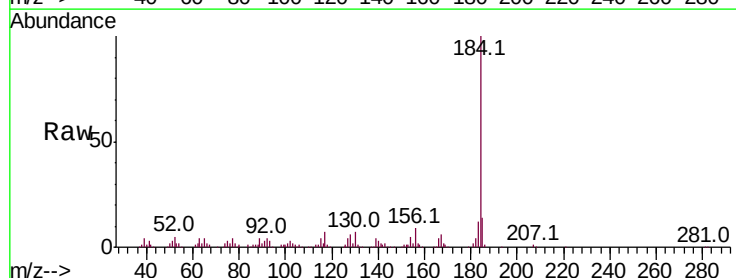
RT: 19.67 min Scan# 2786

Delta R.T. 0.00 min

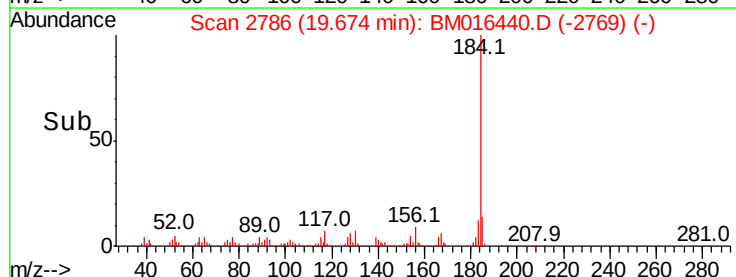
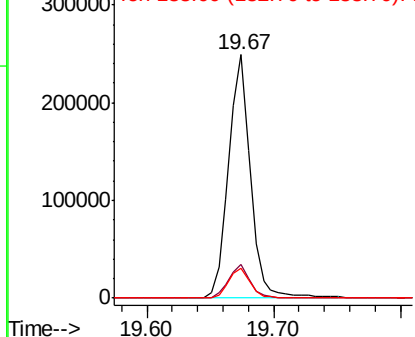
Lab File: BM016440.D

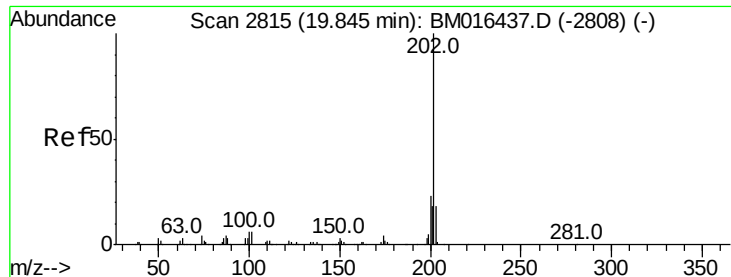
Acq: 17 Aug 2018 15:38

Tgt Ion:184	Resp:	297133
Ion Ratio	Lower	Upper
184	100	
185	14.0	11.3 16.9
183	12.1	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

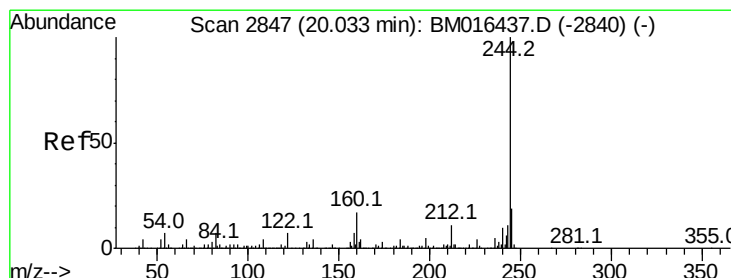
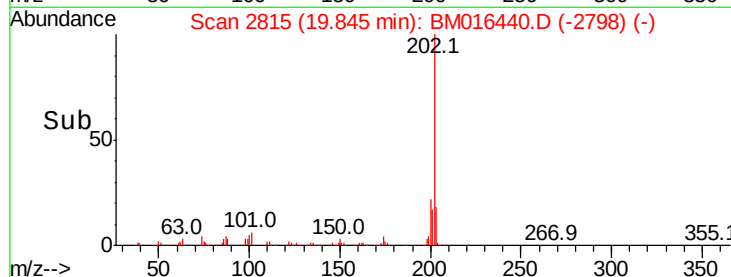
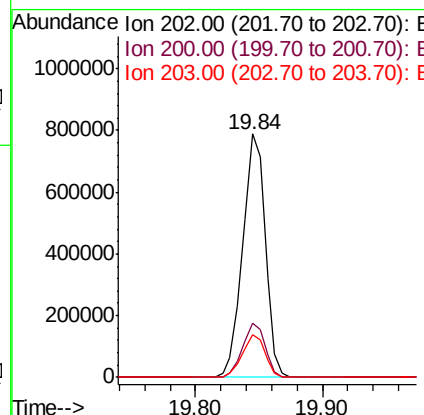
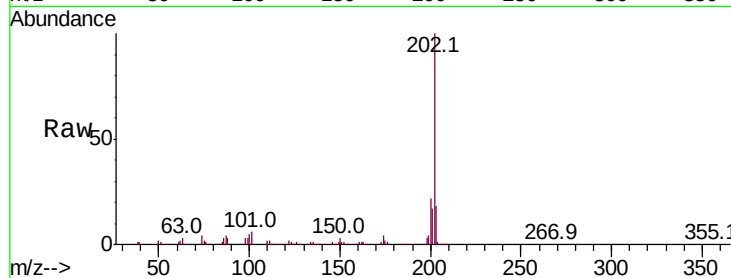




#77
Pvrene
Concen: 84.886 ng
RT: 19.84 min Scan# 2815
Delta R.T. 0.00 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

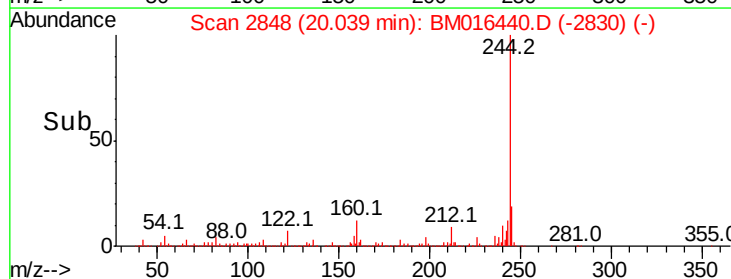
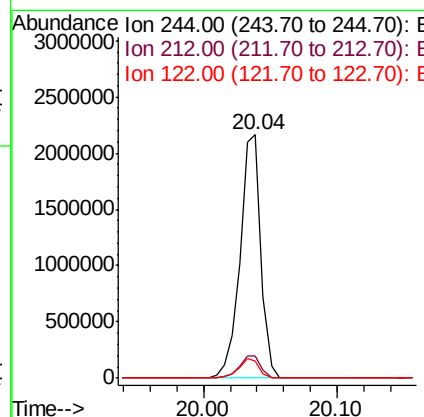
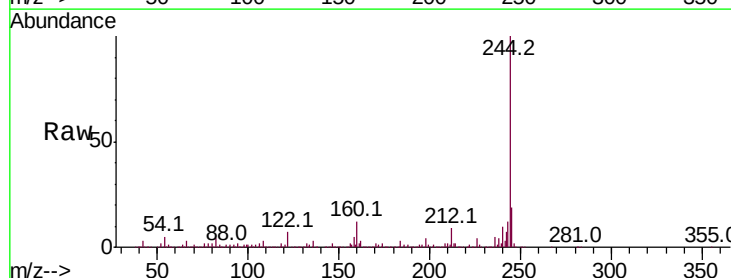
Instrument :
BNA_M
ClientSampled :

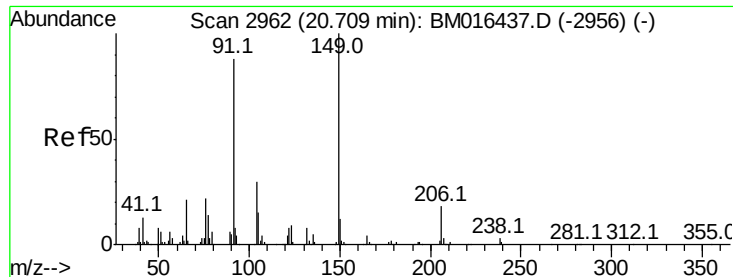
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.9	25.3
203	17.6	14.1	21.1



#78
Terphenyl-d14
Concen: 84.886 ng
RT: 20.04 min Scan# 2848
Delta R.T. 0.01 min
Lab File: BM016440.D
Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	4.9	7.3#
122	7.0	6.2	9.4





#79

Butylbenzylphthalate

Concen: 88.639 ng

RT: 20.71 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

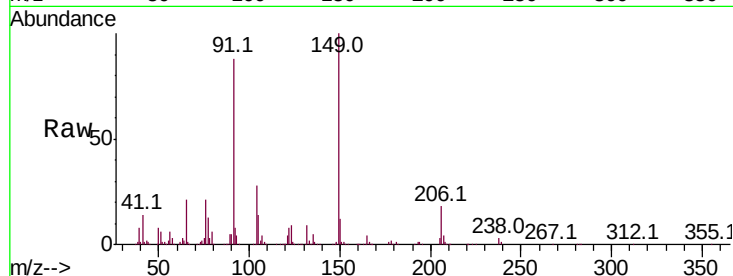
Tot Ion:149 Resp: 513401

Ion Ratio Lower Upper

149 100

91 88.1 50.1 75.1#

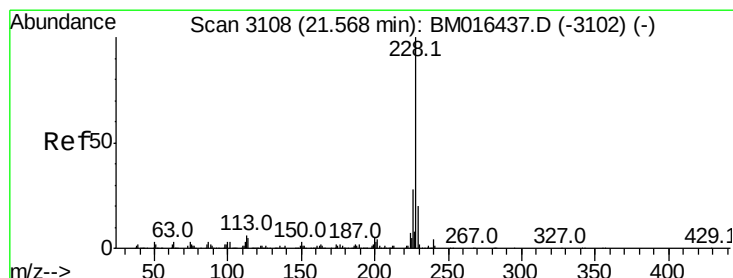
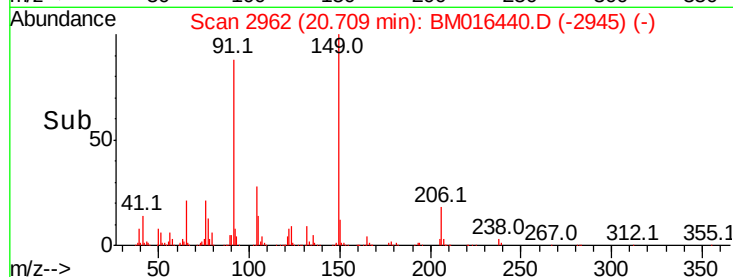
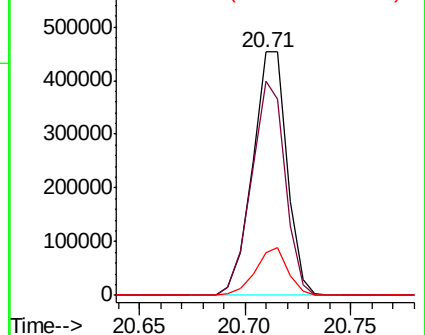
206 17.7 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 92.024 ng

RT: 21.57 min Scan# 3109

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

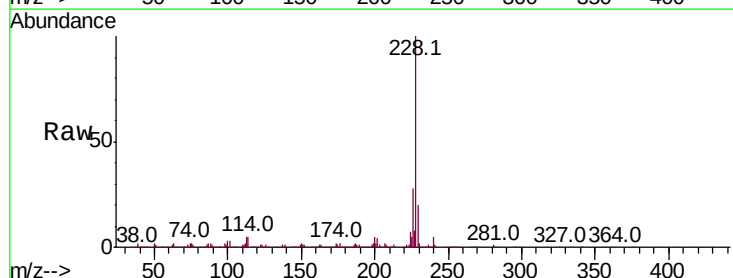
Tgt Ion:228 Resp: 1078347

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

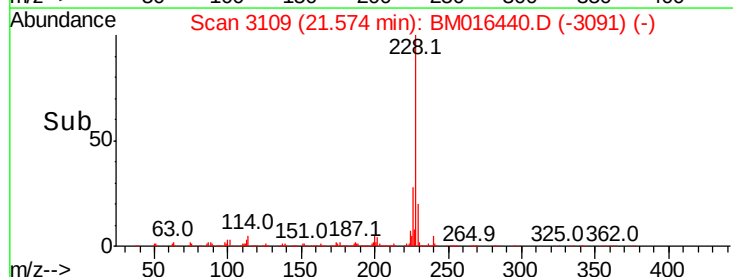
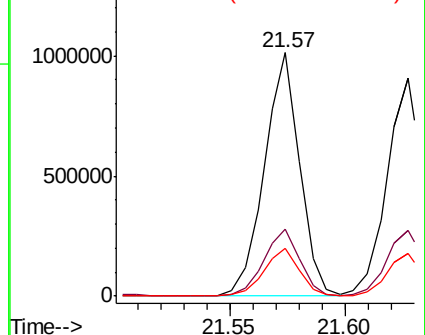
229 19.6 16.0 24.0

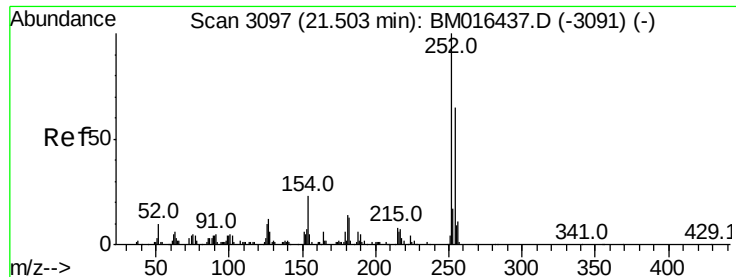


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

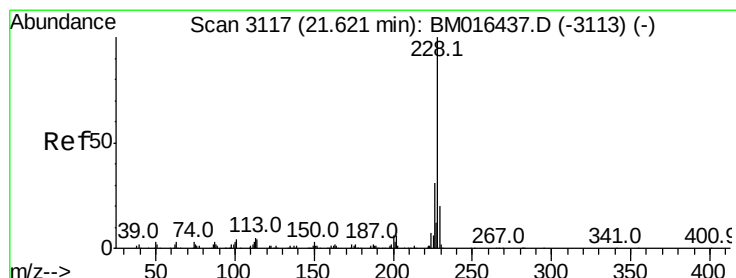
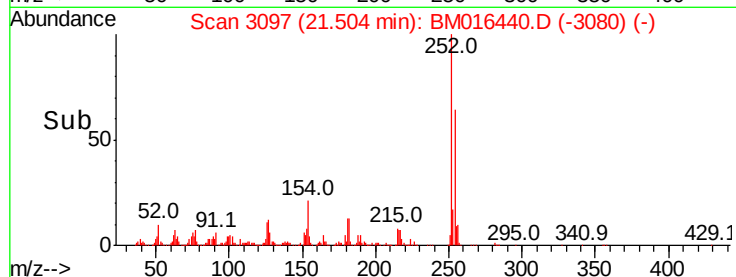
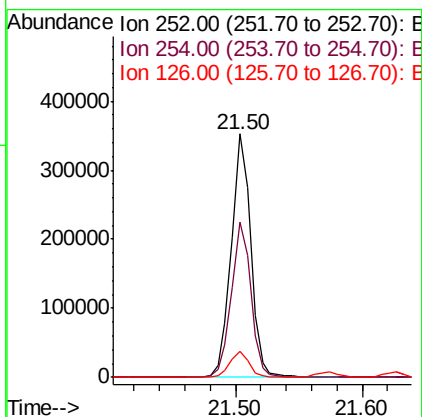
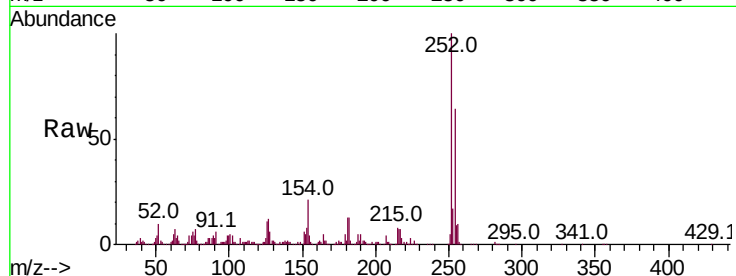




#81
 3,3'-Dichlorobenzidine
 Concen: 79.174 ng
 RT: 21.50 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

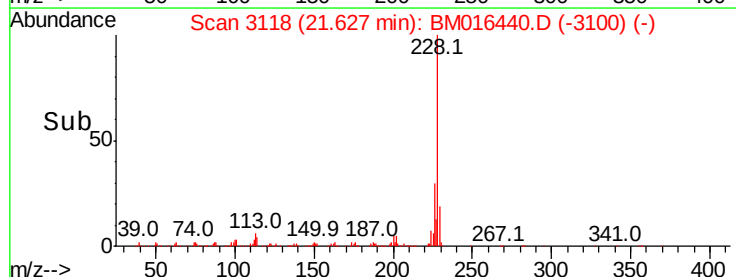
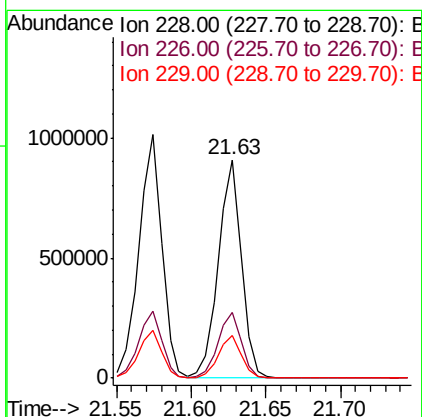
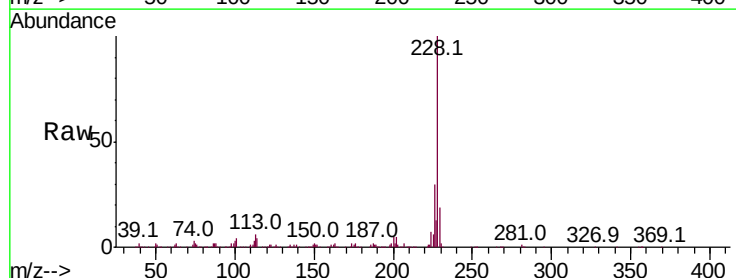
Instrument :
 BNA_M
 ClientSampleId :

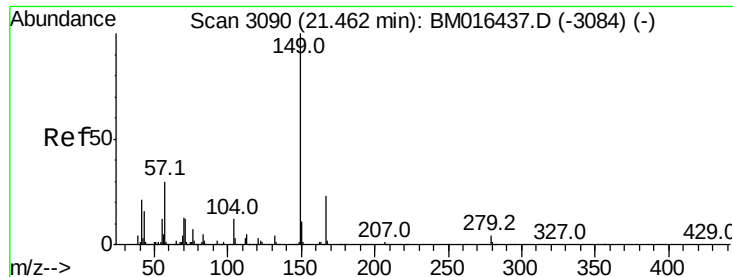
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.9	77.9
126	10.7	9.8	14.8



#82
 Chrysene
 Concen: 88.474 ng
 RT: 21.63 min Scan# 3118
 Delta R.T. 0.01 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.5	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 96.002 ng

RT: 21.46 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

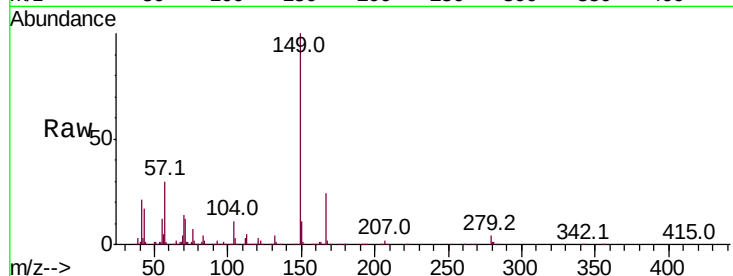
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 805857

Ion	Ratio	Lower	Upper
149	100		
167	23.7	22.4	33.6
279	4.0	3.4	5.0

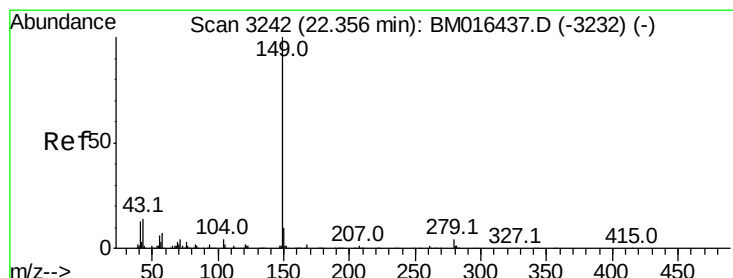
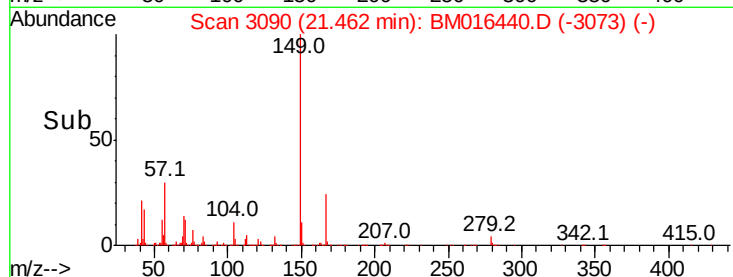
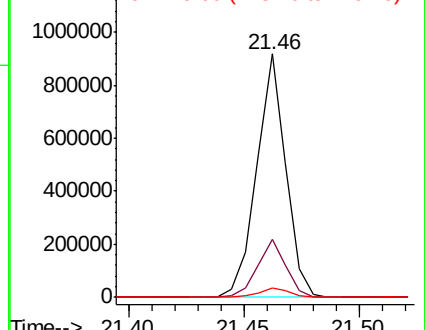


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 87.966 ng

RT: 22.36 min Scan# 3242

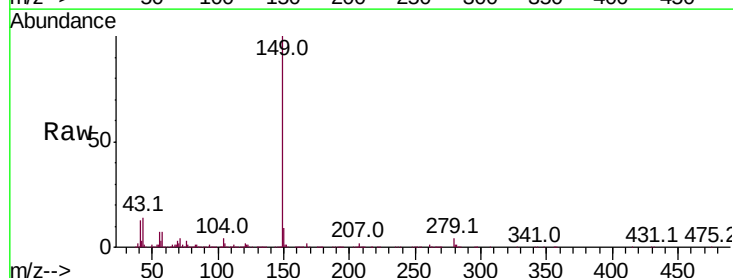
Delta R.T. 0.00 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Tgt Ion:149 Resp: 1241020

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.0	7.3	10.9

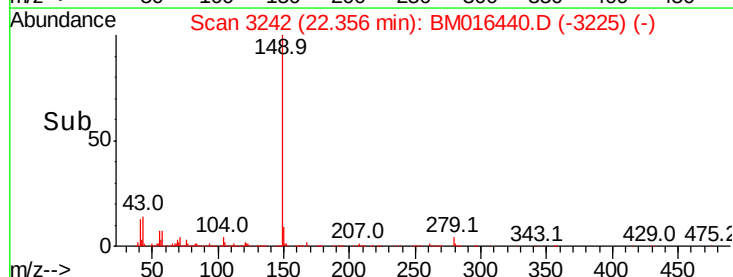
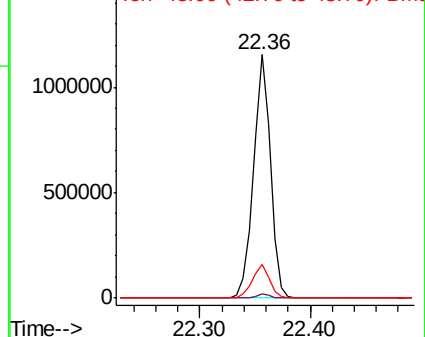


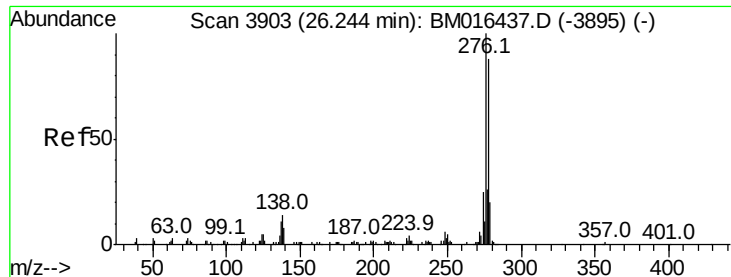
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

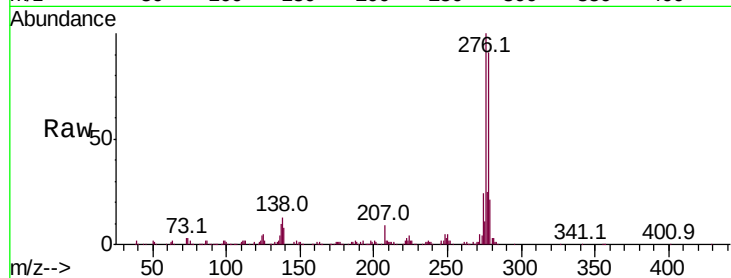




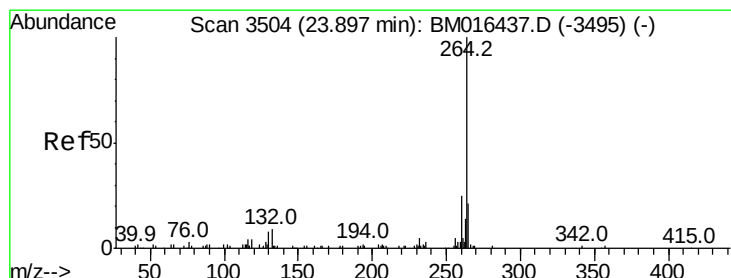
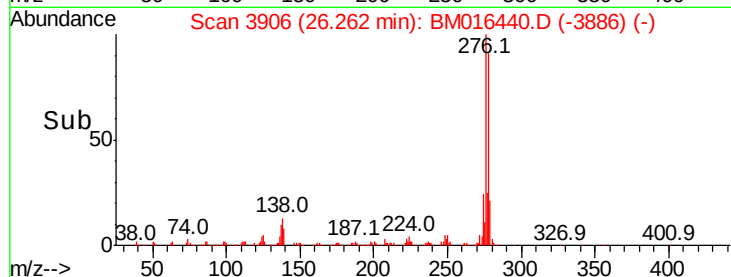
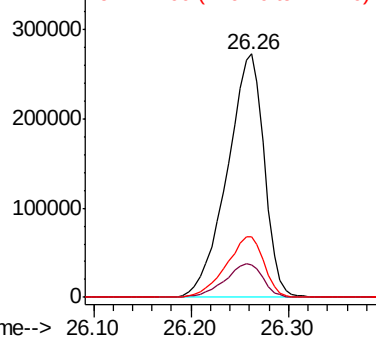
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.387 ng
 RT: 26.26 min Scan# 3906
 Delta R.T. 0.02 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.2	12.0	18.0
277	25.5	20.0	30.0

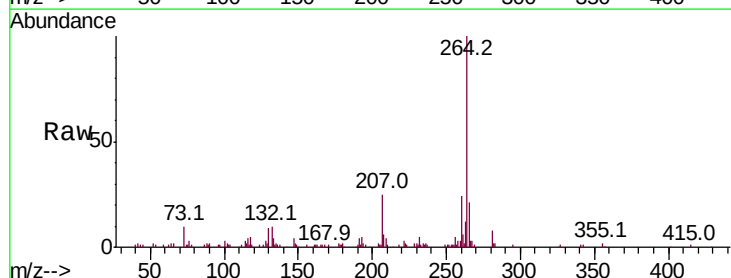


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

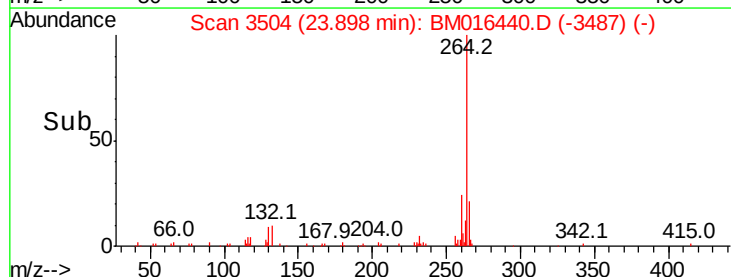
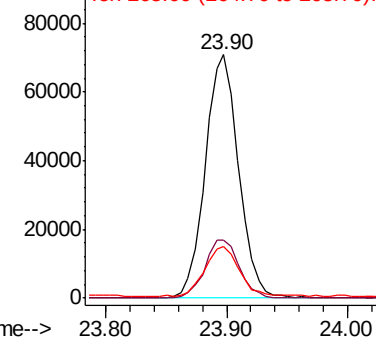


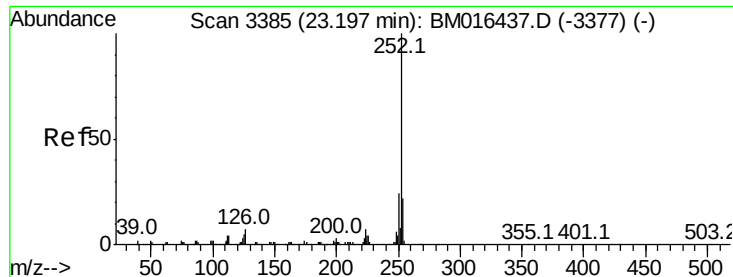
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.90 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.4	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 101.760 ng

RT: 23.20 min Scan# 3386

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

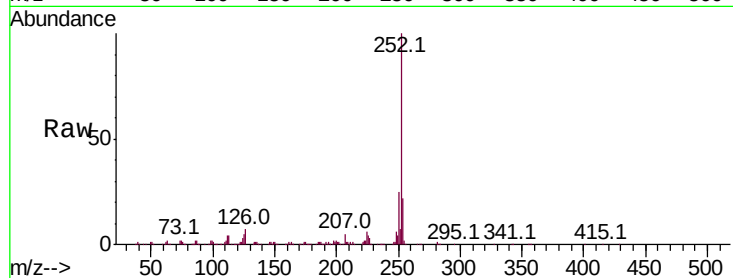
Tot Ion:252 Resp: 814724

Ion Ratio Lower Upper

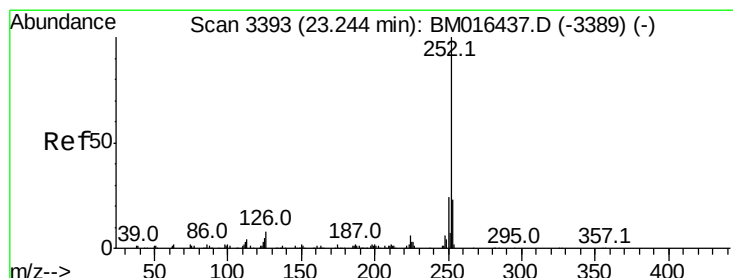
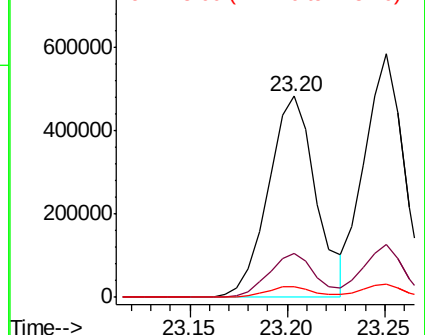
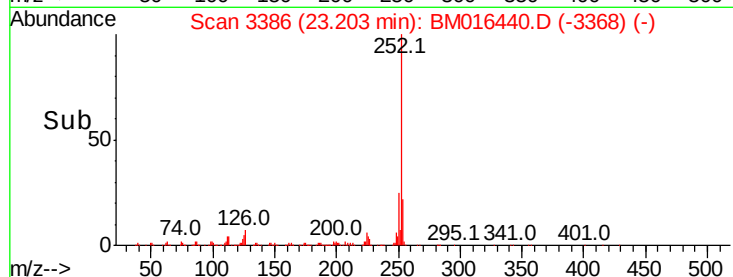
252 100

253 21.8 18.0 27.0

125 5.4 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E
800000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 100.520 ng

RT: 23.25 min Scan# 3394

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

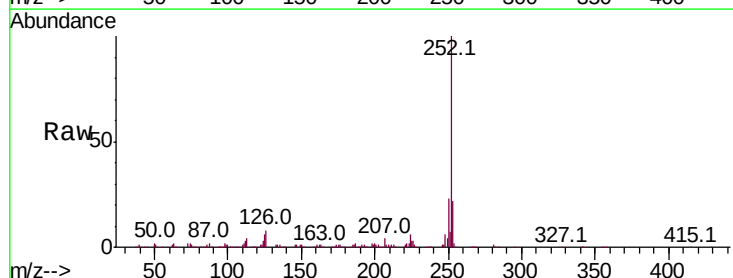
Tgt Ion:252 Resp: 815621

Ion Ratio Lower Upper

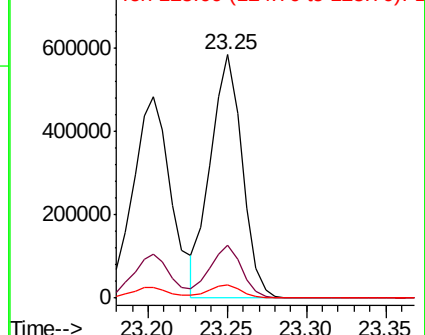
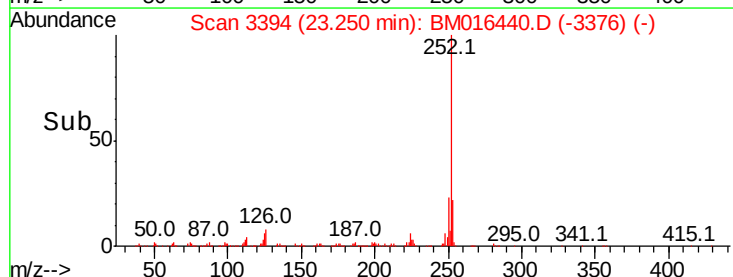
252 100

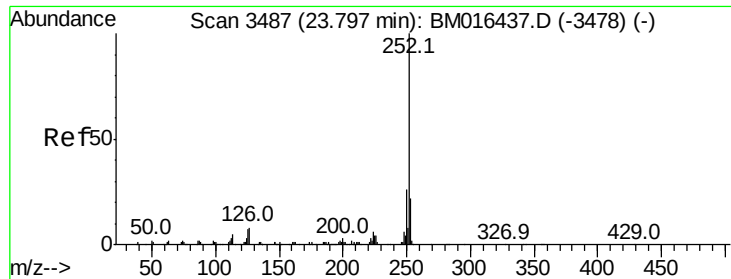
253 21.5 17.2 25.8

125 5.5 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E
800000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 94.110 ng

RT: 23.80 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

Instrument :

BNA_M

ClientSampleId :

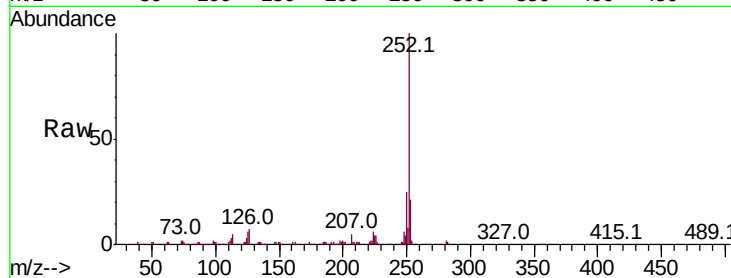
Tot Ion:252 Resp: 724345

Ion Ratio Lower Upper

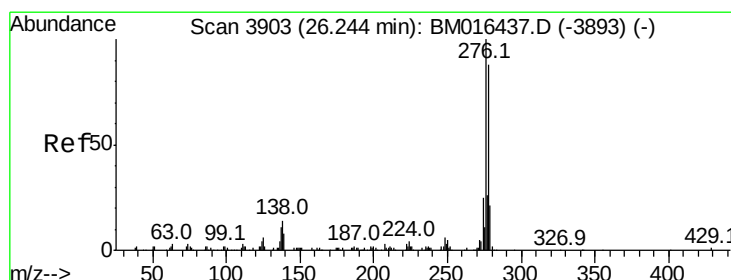
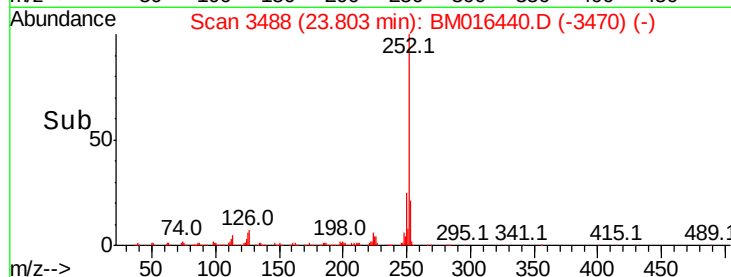
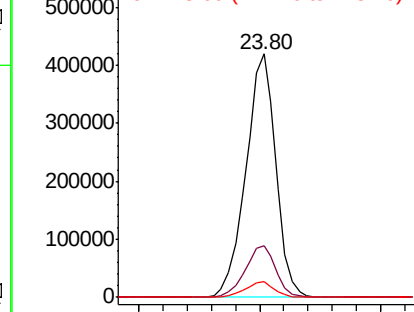
252 100

253 21.1 17.6 26.4

125 6.4 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: 78.770 ng

RT: 26.26 min Scan# 3905

Delta R.T. 0.01 min

Lab File: BM016440.D

Acq: 17 Aug 2018 15:38

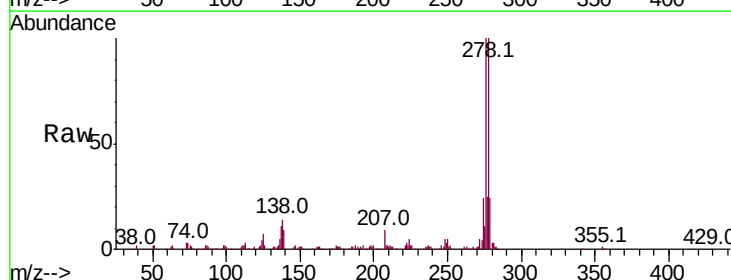
Tgt Ion:278 Resp: 628152

Ion Ratio Lower Upper

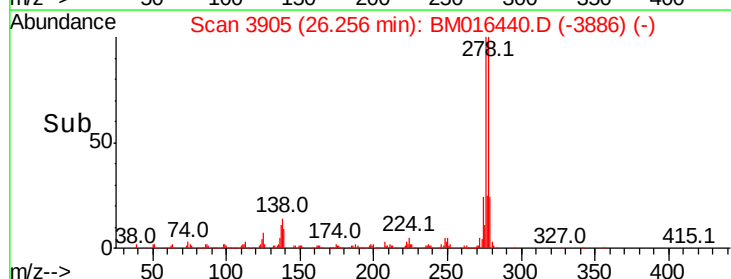
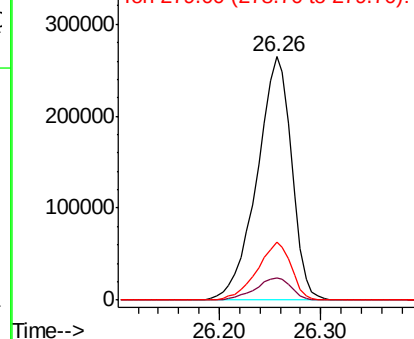
278 100

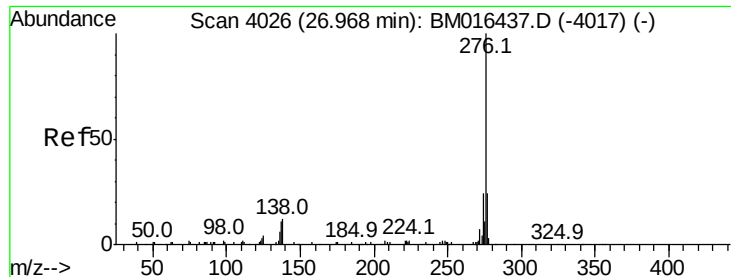
139 9.1 13.4 20.0#

279 23.7 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

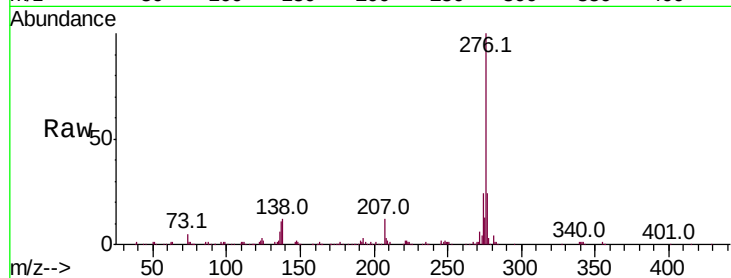




#91
 Benzo(a,h,i)perylene
 Concen: 66.513 ng
 RT: 26.98 min Scan# 4028
 Delta R.T. 0.01 min
 Lab File: BM016440.D
 Acq: 17 Aug 2018 15:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.5	27.7
138	12.4	19.0	28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

