

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081518\
 Data File : BM016377.D
 Acq On : 15 Aug 2018 13:06
 Operator : SJ/JU
 Sample : PB112015BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

Quant Time: Aug 16 01:26:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 15 11:23:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18310	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	71620	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	40815	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	84835	20.00	ng	0.00
75) Chrysene-d12	21.62	240	102967	20.00	ng	0.00
86) Perylene-d12	23.94	264	102498	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	159930	145.09	ng	0.00
7) Phenol-d6	7.29	99	185201	128.66	ng	0.00
23) Nitrobenzene-d5	9.30	82	145999	94.81	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	67307	130.02	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	300112	89.47	ng	0.00
78) Terphenyl-d14	20.06	244	503767	102.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	25725	49.811	ng	# 100
3) Pyridine	3.88	79	55272	44.426	ng	# 69
4) n-Nitrosodimethylamine	3.79	42	62121	64.017	ng	# 27
6) Aniline	7.45	93	50890	30.704	ng	# 87
8) 2-Chlorophenol	7.67	128	59828	45.669	ng	97
9) Benzaldehyde	7.26	77	28219	27.902	ng	82
10) Phenol	7.31	94	62870	43.678	ng	88
11) bis(2-Chloroethyl)ether	7.54	93	46132	40.569	ng	87
12) 1,3-Dichlorobenzene	7.99	146	66550	43.399	ng	# 80
13) 1,4-Dichlorobenzene	8.15	146	68825	44.255	ng	# 94
14) 1,2-Dichlorobenzene	8.46	146	65924	43.322	ng	# 91
15) Benzyl Alcohol	8.37	79	51790	45.184	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.64	45	61110	35.114	ng	93
17) 2-Methylphenol	8.57	107	44658	45.392	ng	# 75
18) Hexachloroethane	9.18	117	33478	49.799	ng	97
19) n-Nitroso-di-n-propylamine	8.93	70	42298	40.202	ng	# 67
20) 3+4-Methylphenols	8.90	107	58541	41.357	ng	82
22) Acetophenone	8.96	105	86747	48.102	ng	# 78
24) Nitrobenzene	9.35	77	72695	46.901	ng	# 94
25) Isophorone	9.86	82	110720	52.567	ng	# 91
26) 2-Nitrophenol	10.05	139	29929	46.256	ng	# 36
27) 2,4-Dimethylphenol	10.10	122	49782	55.225	ng	# 76
28) bis(2-Chloroethoxy)methane	10.33	93	60543	44.225	ng	99
29) 2,4-Dichlorophenol	10.59	162	53105	49.577	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	61758	47.452	ng	# 94
31) Naphthalene	10.97	128	171613	47.345	ng	98
32) Benzoic acid	10.28	122	32105	46.721	ng	# 86
33) 4-Chloroaniline	11.11	127	43359	29.313	ng	# 85
34) Hexachlorobutadiene	11.23	225	49086	54.372	ng	94
35) Caprolactam	11.92	113	12800	43.144	ng	# 88
36) 4-Chloro-3-methylphenol	12.23	107	56970	48.355	ng	86
37) 2-Methylnaphthalene	12.57	142	125278	51.594	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	70704	50.883	ng	# 100
40) Hexachlorocyclopentadiene	12.90	237	54461	79.862	ng	98

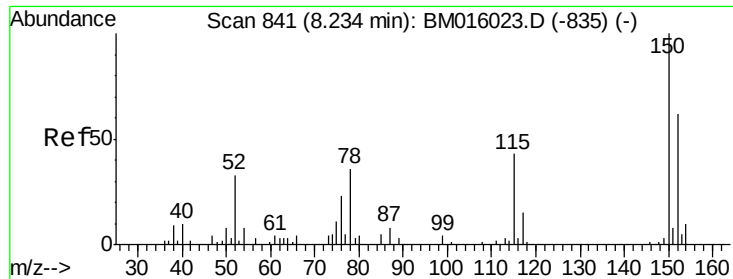
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	42395	48.765	ng	92
43) 2,4,5-Trichlorophenol	13.28	196	43925	48.983	ng #	81
45) 1,1'-Biphenyl	13.58	154	159980	43.432	ng	100
46) 2-Chloronaphthalene	13.63	162	122550	42.776	ng #	88
47) 2-Nitroaniline	13.86	65	42040	44.385	ng #	74
48) Acenaphthylene	14.47	152	196116	46.761	ng	99
49) Dimethylphthalate	14.20	163	159683	44.705	ng	100
50) 2,6-Dinitrotoluene	14.35	165	32732	45.544	ng #	47
51) Acenaphthene	14.82	154	111434	43.202	ng	92
52) 3-Nitroaniline	14.69	138	22991	29.617	ng #	68
53) 2,4-Dinitrophenol	14.91	184	29827	95.378	ng #	55
54) Dibenzofuran	15.15	168	187729	44.165	ng #	77
55) 4-Nitrophenol	15.00	139	42715	76.759	ng #	85
56) 2,4-Dinitrotoluene	15.15	165	47844	46.558	ng #	59
57) Fluorene	15.80	166	147876	46.817	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	38579	50.051	ng #	100
59) Diethylphthalate	15.56	149	175339	45.542	ng #	94
60) 4-Chlorophenyl-phenylether	15.78	204	80558	45.814	ng #	82
61) 4-Nitroaniline	15.85	138	28687	38.517	ng #	1
62) Azobenzene	16.07	77	199274	49.147	ng #	70
64) 4,6-Dinitro-2-methylphenol	15.91	198	22586	43.863	ng #	82
65) n-Nitrosodiphenylamine	16.00	169	125301	44.855	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	45512	47.377	ng #	68
67) Hexachlorobenzene	16.79	284	46696	44.141	ng #	62
68) Atrazine	16.94	200	50847	50.786	ng	99
69) Pentachlorophenol	17.14	266	47471	72.468	ng	97
70) Phenanthrene	17.53	178	223734	47.106	ng	99
71) Anthracene	17.62	178	229667	49.754	ng	98
72) Carbazole	17.90	167	200630	41.954	ng #	96
73) Di-n-butylphthalate	18.42	149	291049	48.842	ng #	96
74) Fluoranthene	19.52	202	263542	49.743	ng	96
76) Benzidine	19.71	184	136700	47.509	ng	98
77) Pyrene	19.88	202	273883	44.386	ng	99
79) Butylbenzylphthalate	20.74	149	148619	47.412	ng #	72
80) Benzo(a)anthracene	21.60	228	302189	47.650	ng	99
81) 3,3'-Dichlorobenzidine	21.53	252	81055	31.731	ng	98
82) Chrysene	21.66	228	284491	46.765	ng	99
83) Bis(2-ethylhexyl)phthalate	21.49	149	214189	47.148	ng	91
84) Di-n-octyl phthalate	22.39	149	376313	49.286	ng #	86
85) Indeno(1,2,3-cd)pyrene	26.33	276	353840	49.015	ng	98
87) Benzo(b)fluoranthene	23.24	252	292693	48.500	ng #	94
88) Benzo(k)fluoranthene	23.29	252	292222	47.780	ng #	96
89) Benzo(a)pyrene	23.84	252	289186	49.847	ng #	98
90) Dibenzo(a,h)anthracene	26.32	278	300590	50.008	ng #	94
91) Benzo(g,h,i)perylene	27.05	276	276064	48.560	ng #	87

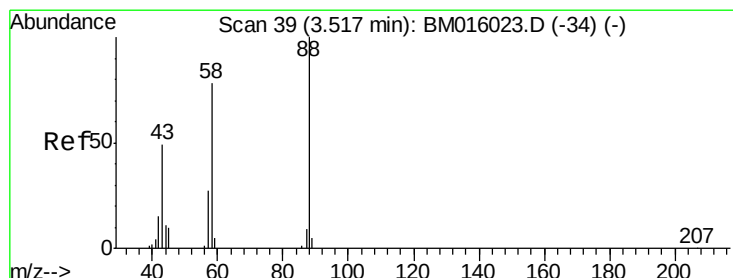
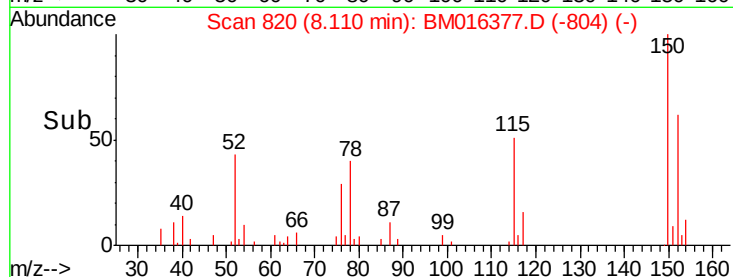
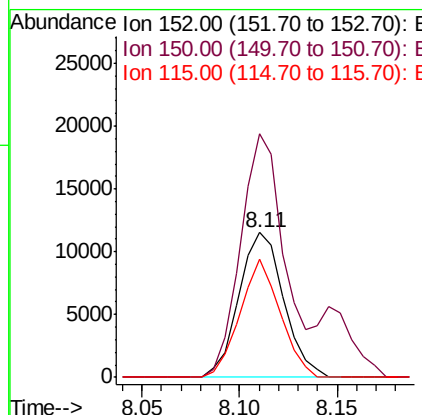
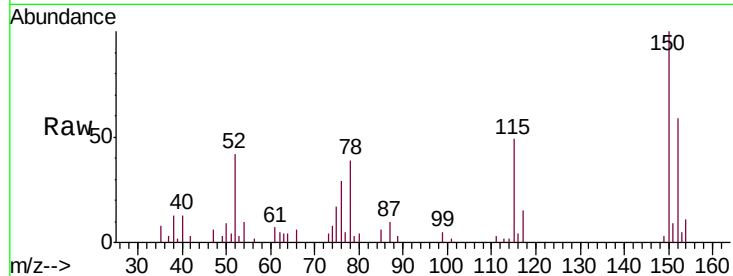
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

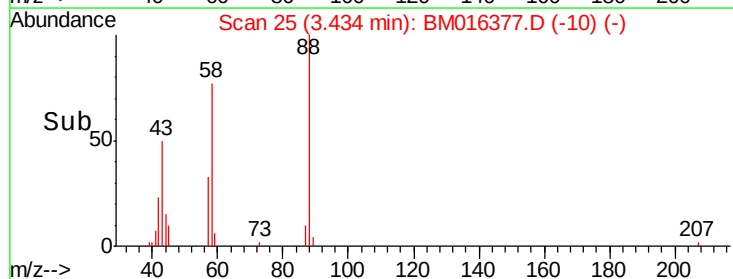
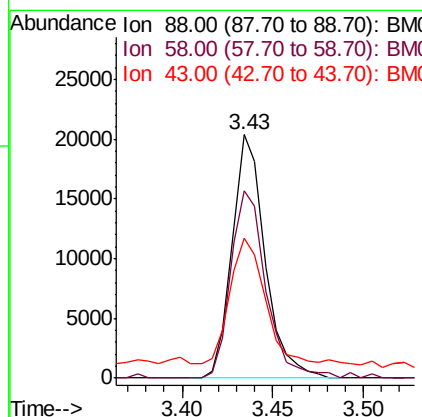
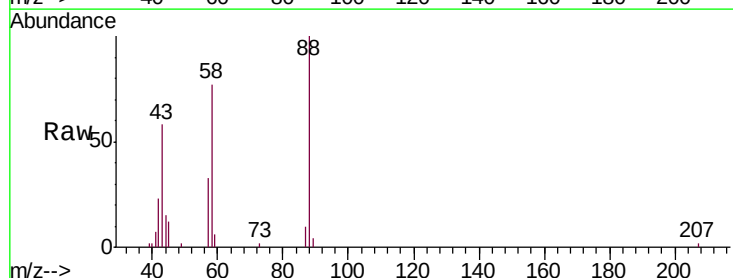
Instrument :
 BNA_M
 ClientSampleID :
 PB112015BS

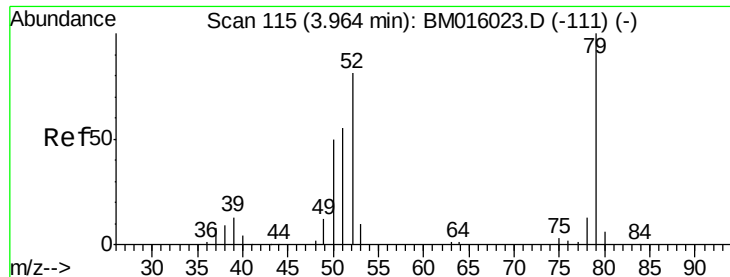
Tgt Ion:152 Resp: 18310
 Ion Ratio Lower Upper
 152 100
 150 168.3 119.5 179.3
 115 81.7 43.0 64.4#



#2
 1,4-Dioxane
 Concen: 49.811 ng
 RT: 3.43 min Scan# 25
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion: 88 Resp: 25725
 Ion Ratio Lower Upper
 88 100
 58 82.3 0.0 0.0#
 43 54.4 0.0 0.0#





#3

Pyridine

Concen: 44.426 ng

RT: 3.88 min Scan# 100

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

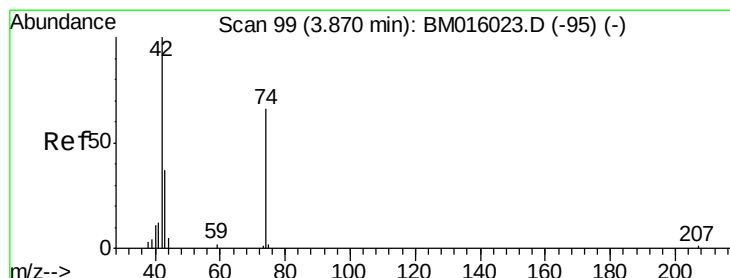
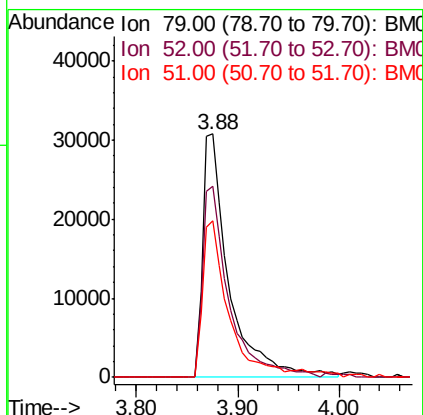
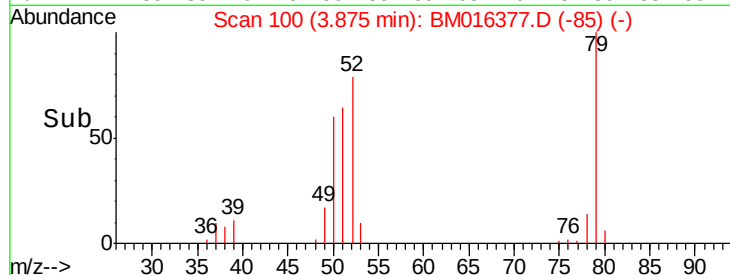
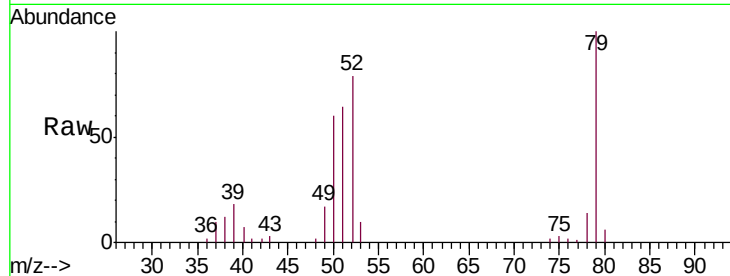
Tgt Ion: 79 Resp: 55272

Ion Ratio Lower Upper

79 100

52 78.6 51.1 76.7#

51 64.2 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 64.017 ng

RT: 3.79 min Scan# 85

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

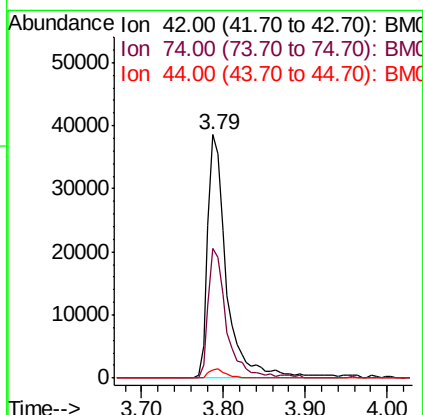
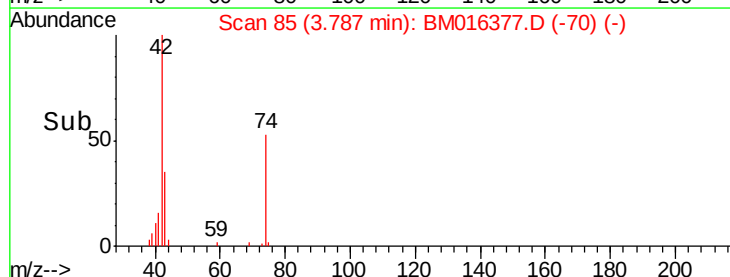
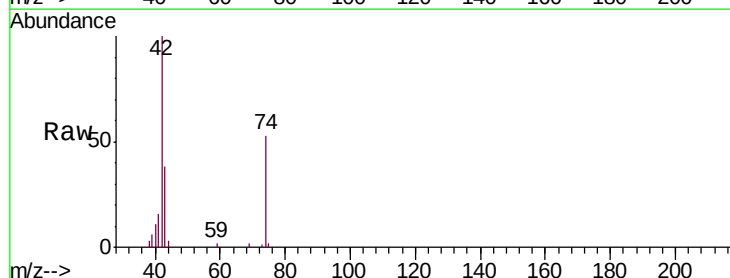
Tgt Ion: 42 Resp: 62121

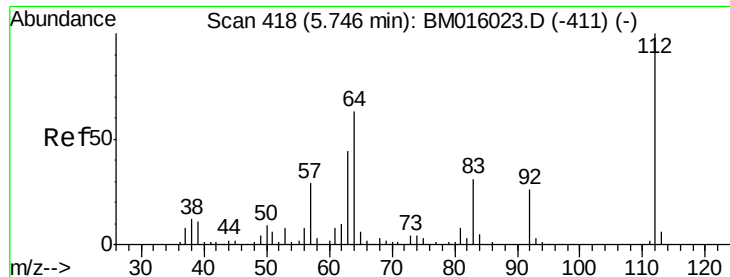
Ion Ratio Lower Upper

42 100

74 53.2 119.3 178.9#

44 3.5 5.4 8.2#





#5

2-Fluorophenol

Concen: 64.017 ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

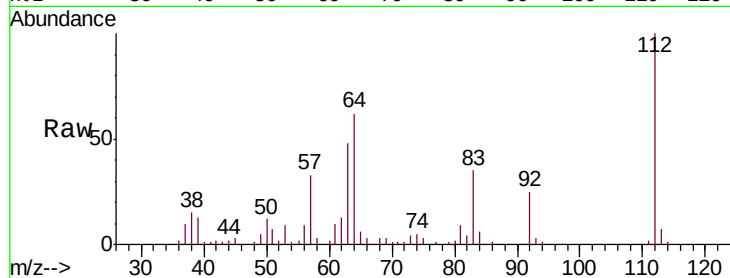
Tgt Ion: 112 Resp: 159930

Ion Ratio Lower Upper

112 100

64 61.6 38.6 57.8#

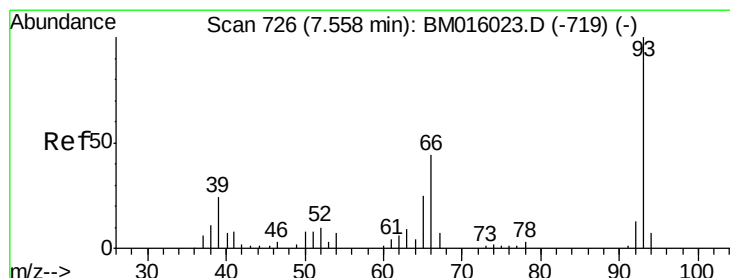
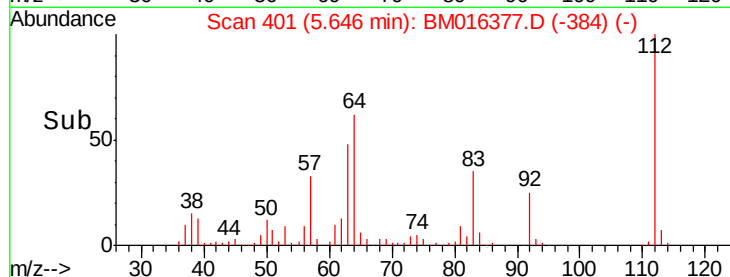
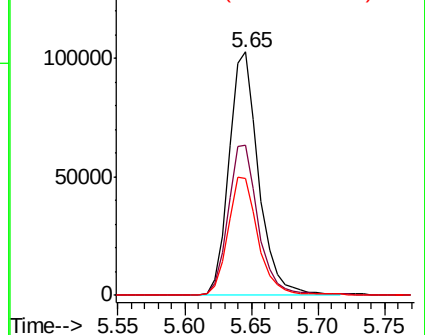
63 47.9 19.3 28.9#



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: 30.704 ng

RT: 7.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

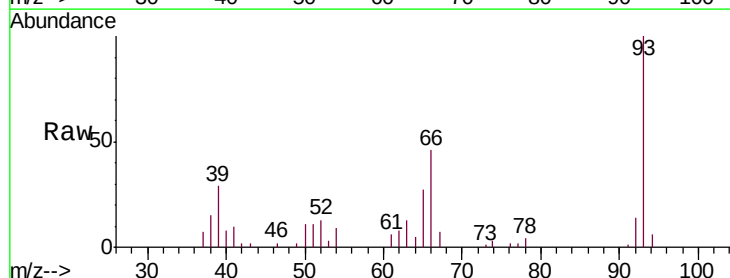
Tgt Ion: 93 Resp: 50890

Ion Ratio Lower Upper

93 100

66 45.7 30.8 46.2

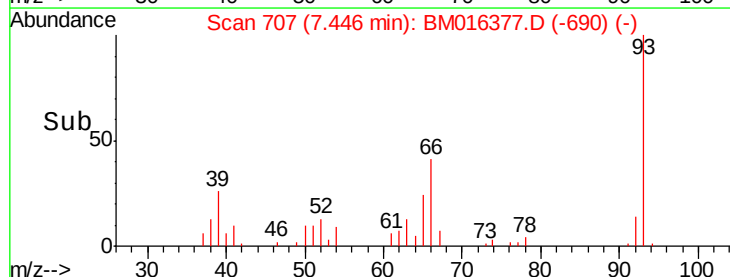
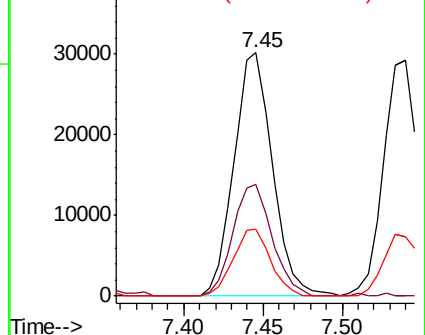
65 27.4 16.0 24.0#

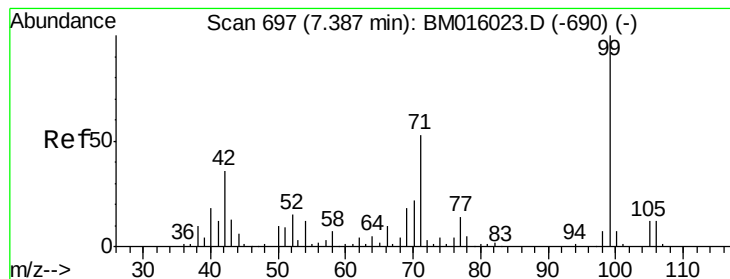


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 30.704 ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

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ClientSampleId :

PB112015BS

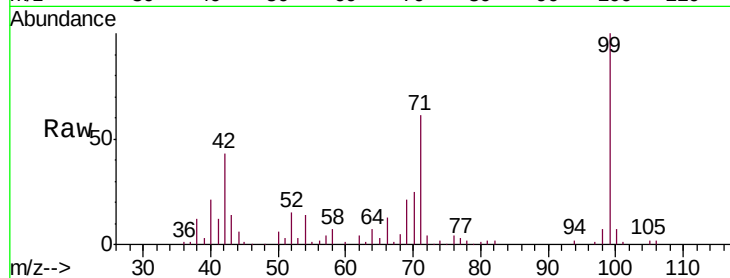
Tgt Ion: 99 Resp: 185201

Ion Ratio Lower Upper

99 100

42 43.2 11.0 16.4#

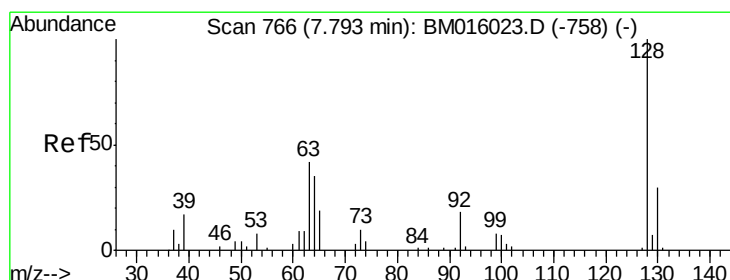
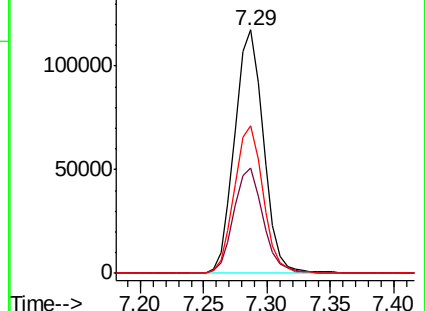
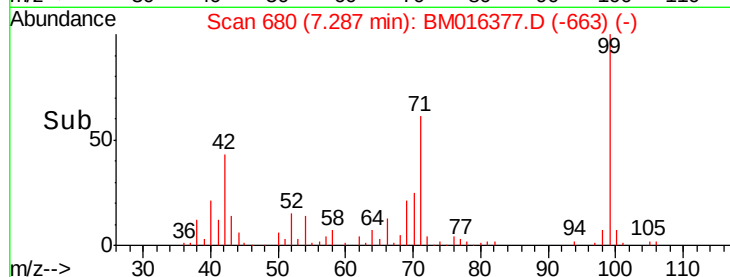
71 60.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016377.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016377.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016377.D (-663) (-)



#8

2-Chlorophenol

Concen: 45.669 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

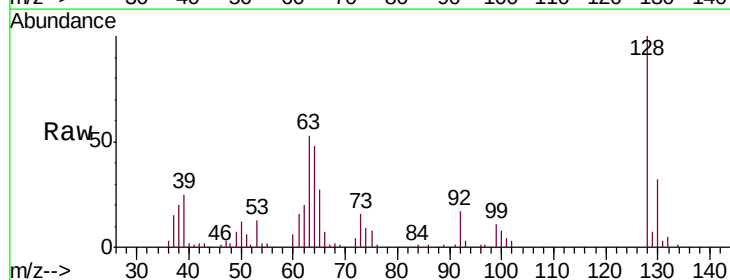
Tgt Ion: 128 Resp: 59828

Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

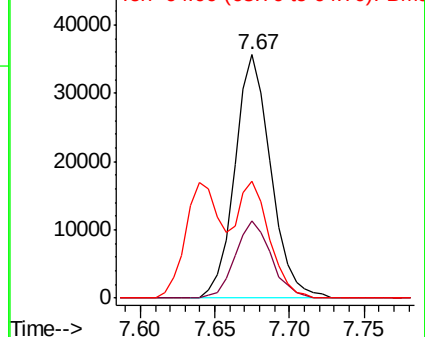
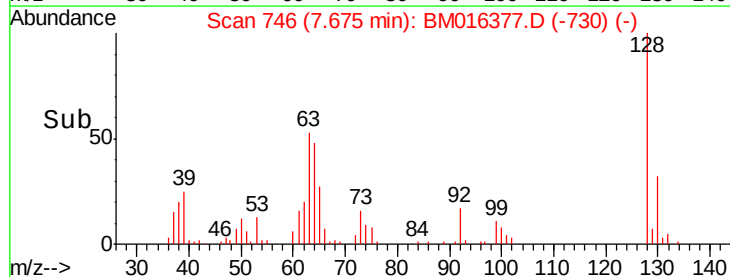
64 48.2 24.9 64.9

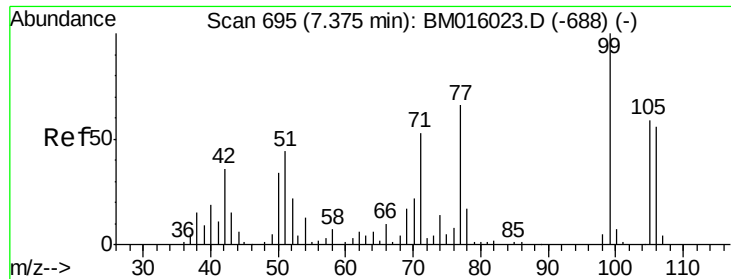


Abundance Ion 128.00 (127.70 to 128.70): BM016377.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016377.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016377.D (-730) (-)





#9

Benzaldehyde

Concen: 27.902 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

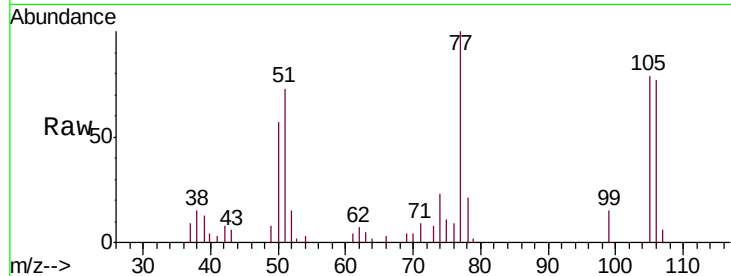
Tgt Ion: 77 Resp: 28219

Ion Ratio Lower Upper

77 100

105 79.0 78.8 118.8

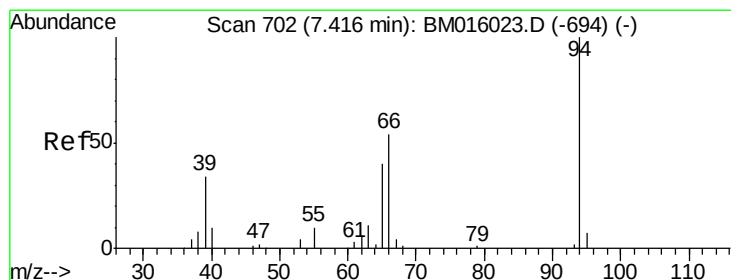
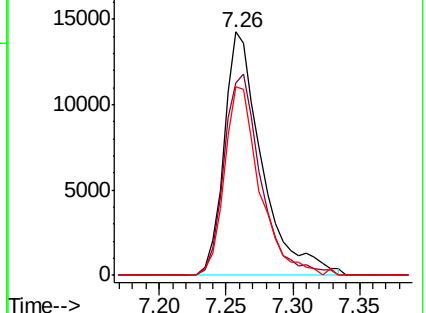
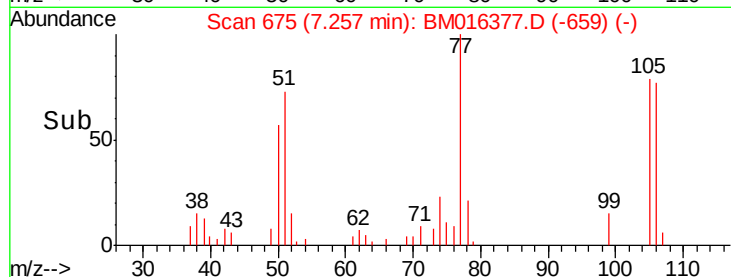
106 77.5 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016377.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM016377.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM016377.D (-659) (-)



#10

Phenol

Concen: 43.678 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

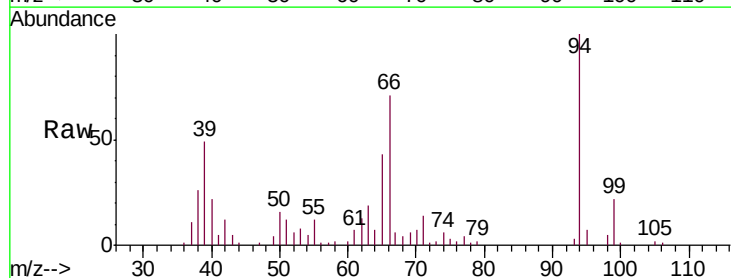
Tgt Ion: 94 Resp: 62870

Ion Ratio Lower Upper

94 100

65 43.3 18.8 58.8

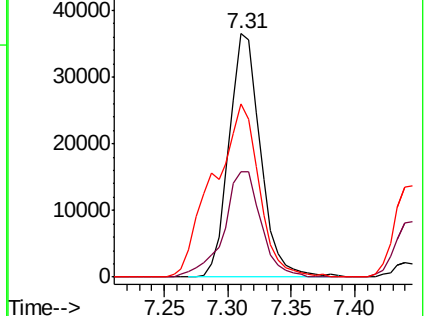
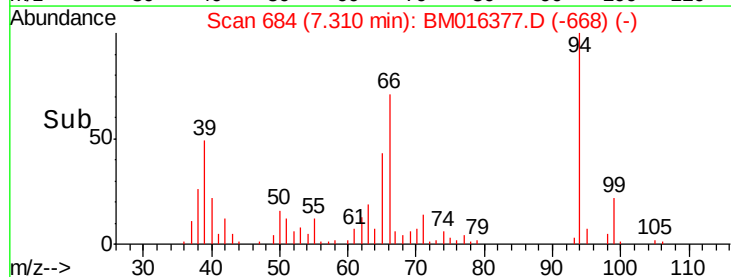
66 71.0 39.9 79.9

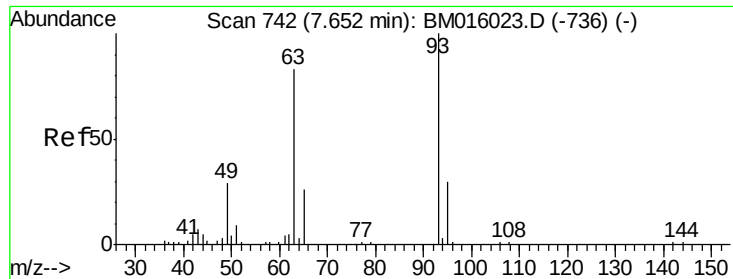


Abundance Ion 94.00 (93.70 to 94.70): BM016377.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016377.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016377.D (-668) (-)

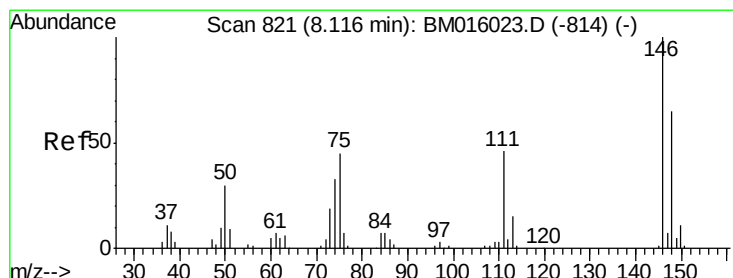
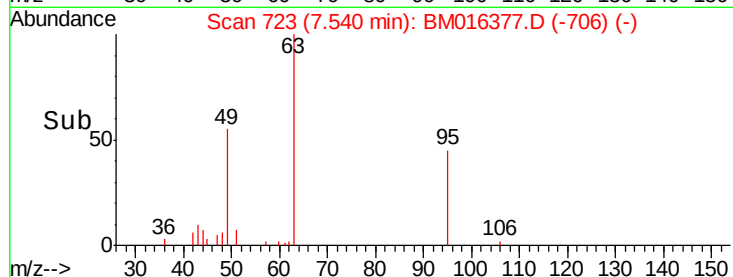
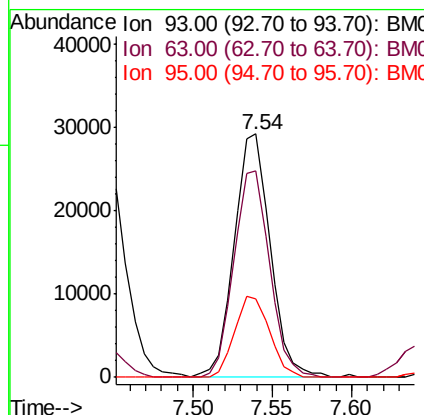
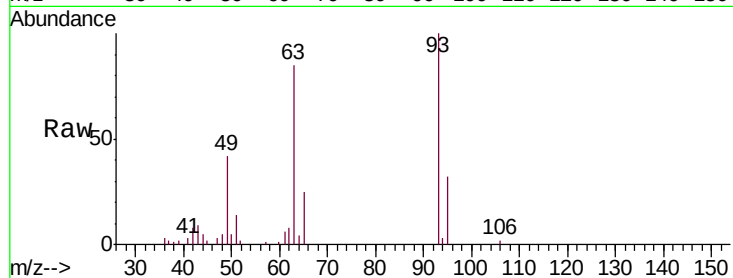




#11
bis(2-Chloroethyl)ether
Concen: 40.569 ng
RT: 7.54 min Scan# 723
Delta R.T. 0.00 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

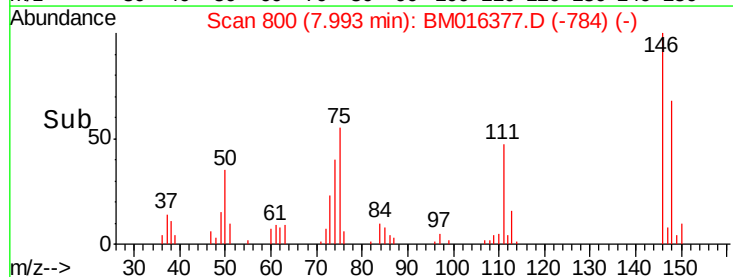
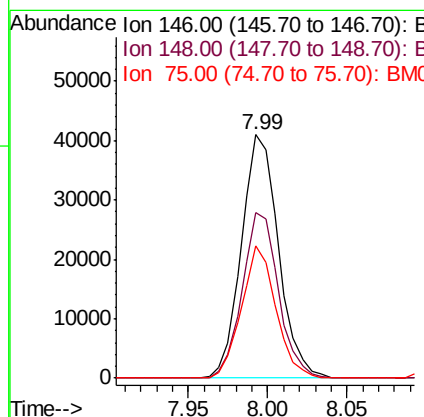
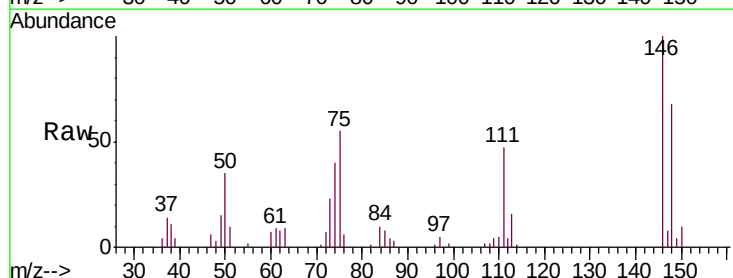
Instrument :
BNA_M
ClientSampleId :
PB112015BS

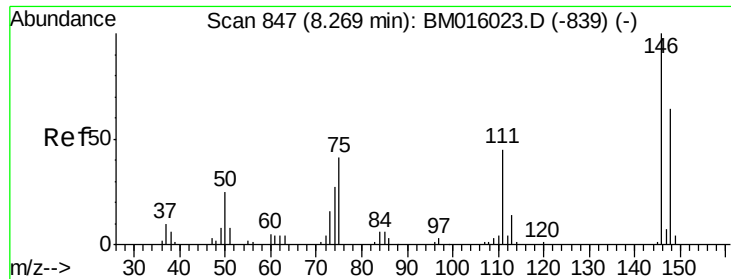
Tgt Ion:	93	Resp:	46132
Ion	Ratio	Lower	Upper
93	100		
63	84.6	49.5	89.5
95	32.4	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 43.399 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion:	146	Resp:	66550
Ion	Ratio	Lower	Upper
146	100		
148	68.2	50.9	76.3
75	54.6	21.4	32.2#

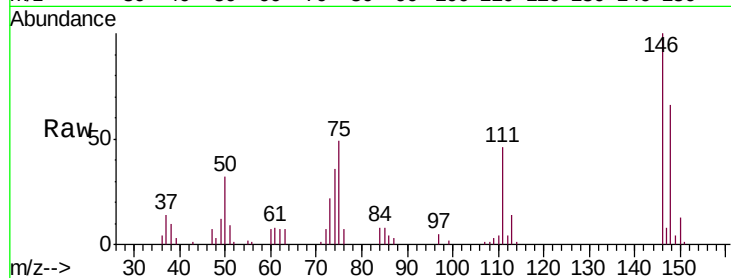




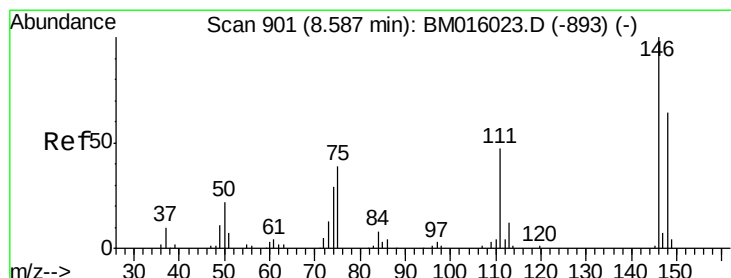
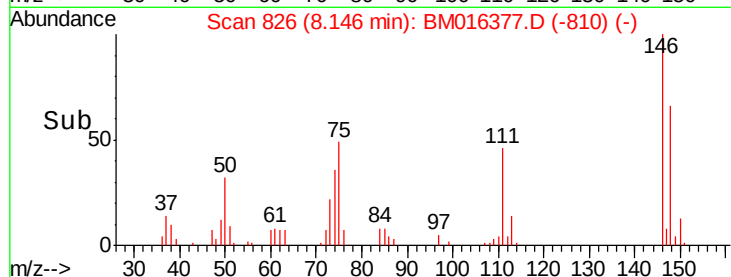
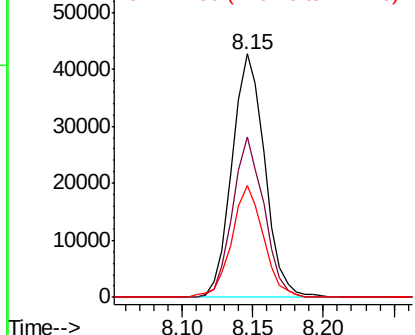
#13
 1,4-Dichlorobenzene
 Concen: 44.255 ng
 RT: 8.15 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

Tgt Ion:146 Resp: 68825
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.9 77.9
 111 45.7 29.2 43.8#

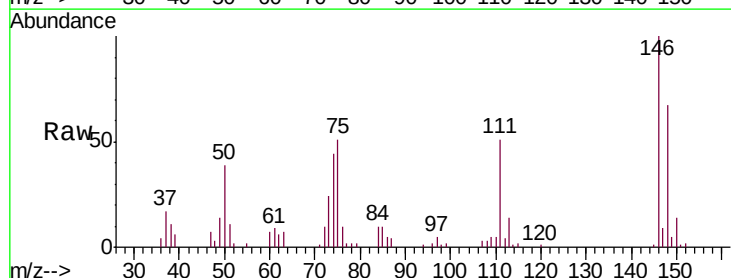


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

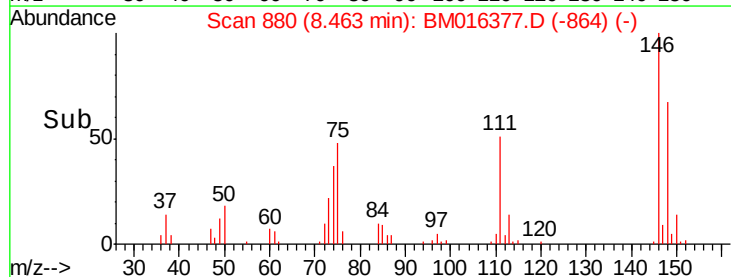
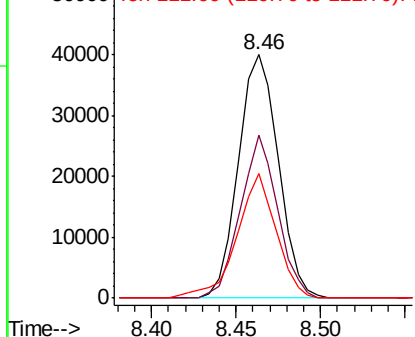


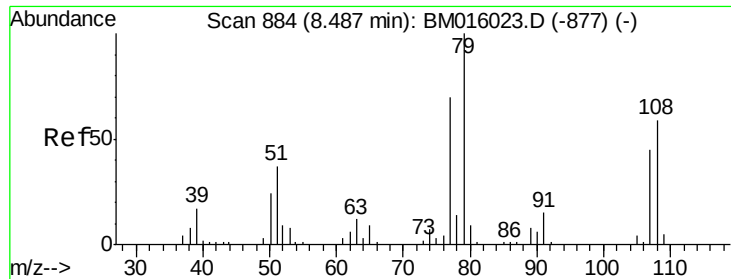
#14
 1,2-Dichlorobenzene
 Concen: 43.322 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion:146 Resp: 65924
 Ion Ratio Lower Upper
 146 100
 148 67.0 52.3 78.5
 111 51.2 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

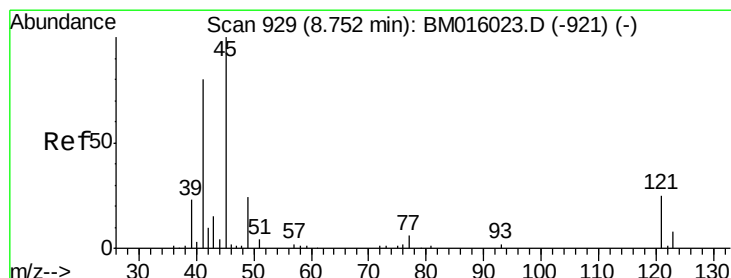
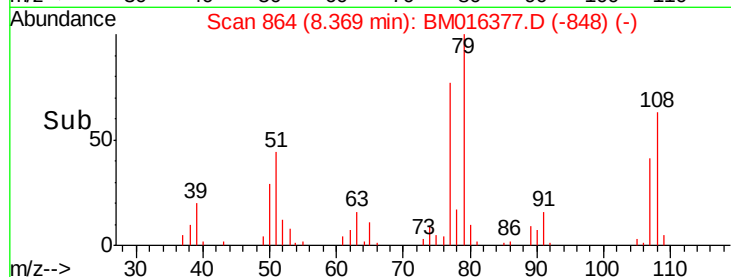
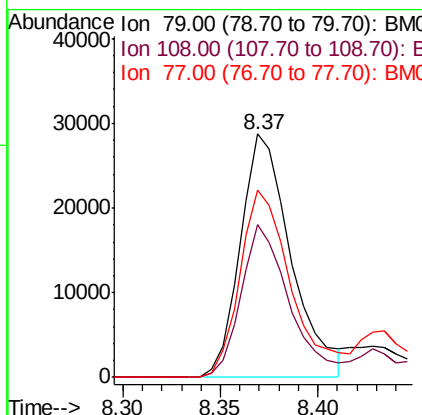
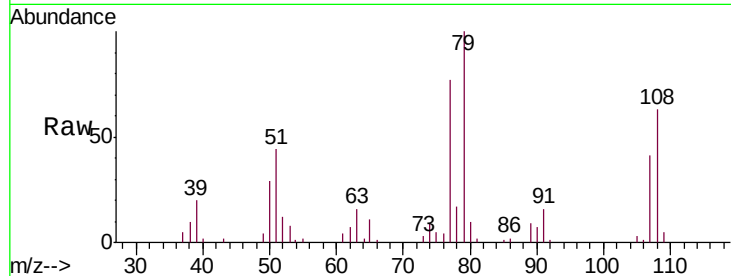




#15
Benzyl Alcohol
Concen: 45.184 ng
RT: 8.37 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

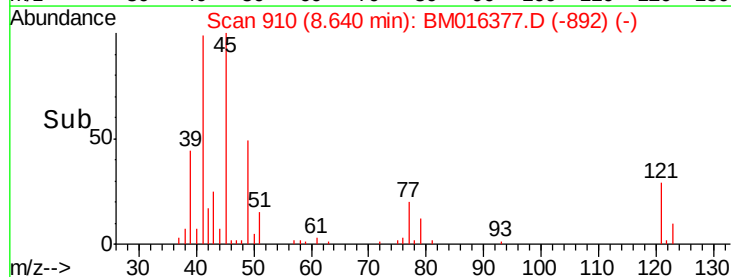
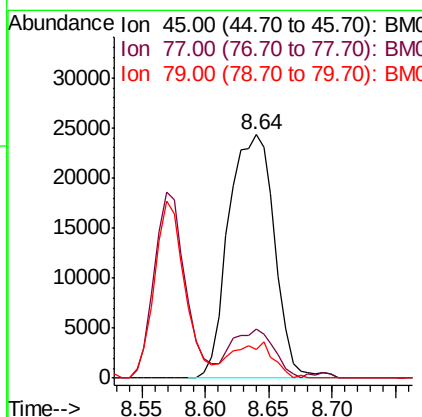
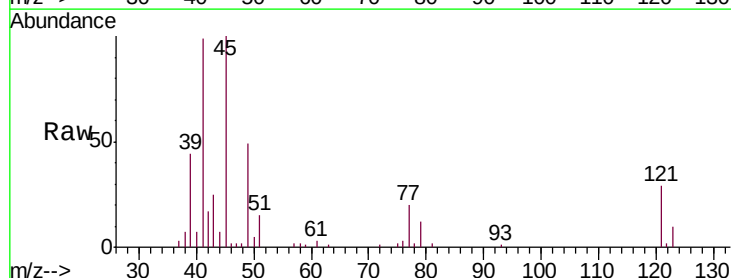
Instrument :
BNA_M
ClientSampleId :
PB112015BS

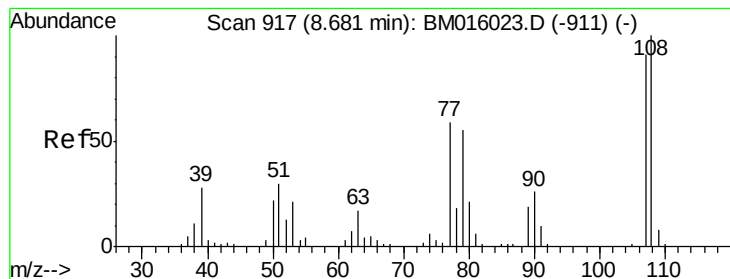
Tgt Ion: 79 Resp: 51790
Ion Ratio Lower Upper
79 100
108 62.6 65.0 97.4#
77 77.1 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.114 ng
RT: 8.64 min Scan# 910
Delta R.T. 0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion: 45 Resp: 61110
Ion Ratio Lower Upper
45 100
77 20.1 0.0 35.2
79 11.5 0.0 32.0





#17

2-Methylphenol

Concen: 45.392 ng

RT: 8.57 min Scan# 898

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

Tgt Ion:107 Resp: 44658

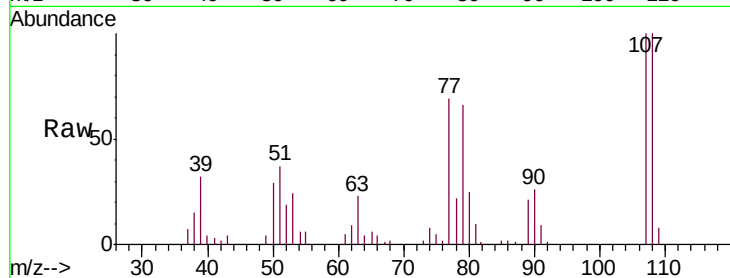
Ion Ratio Lower Upper

107 100

108 100.3 89.8 134.8

77 69.6 32.6 48.8#

79 66.2 32.8 49.2#



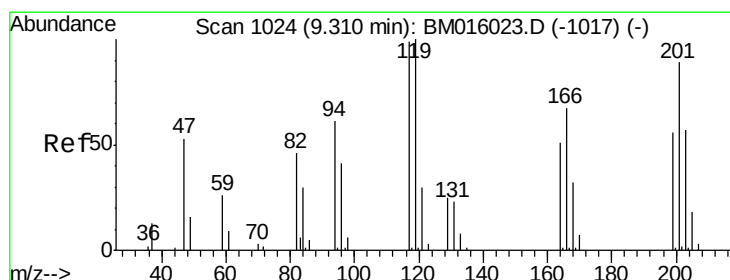
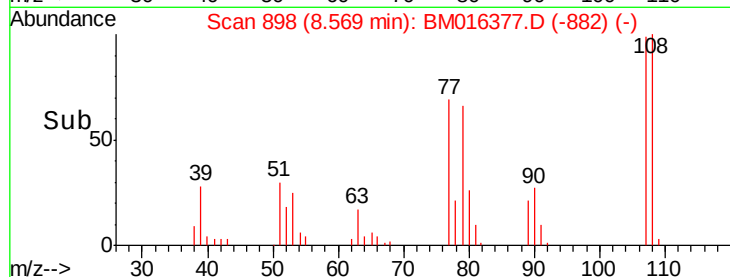
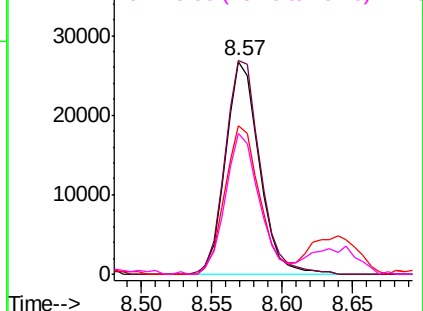
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 49.799 ng

RT: 9.18 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

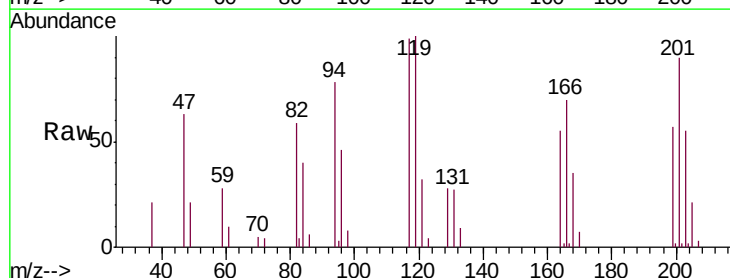
Tgt Ion:117 Resp: 33478

Ion Ratio Lower Upper

117 100

119 100.9 79.2 118.8

201 91.1 69.8 104.6

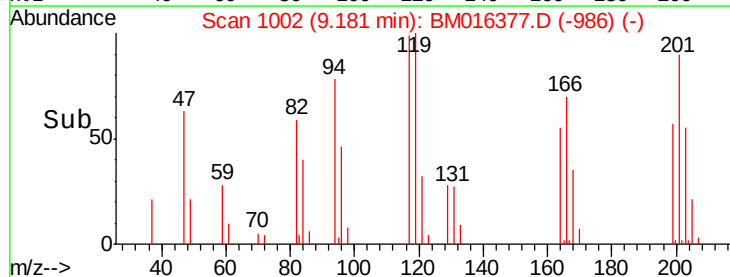
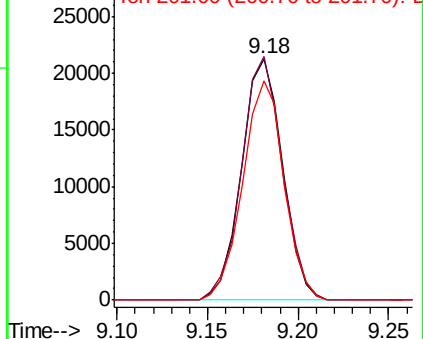


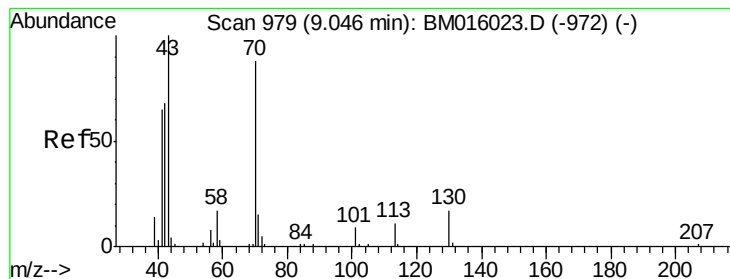
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.202 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

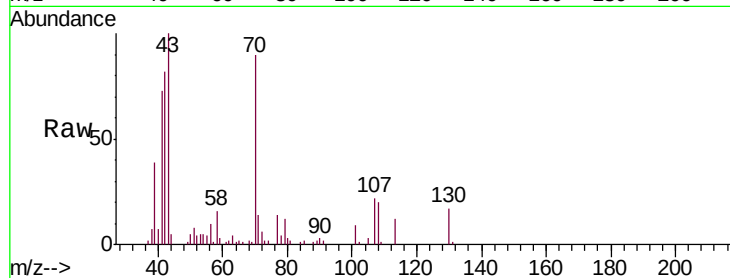
Instrument :

BNA_M

ClientSampleId :

PB112015BS

Tgt Ion:	70	Resp:	42298
Ion	Ratio	Lower	Upper
70	100		
42	91.6	44.5	66.7#
101	10.2	7.4	11.2
130	19.3	15.3	22.9



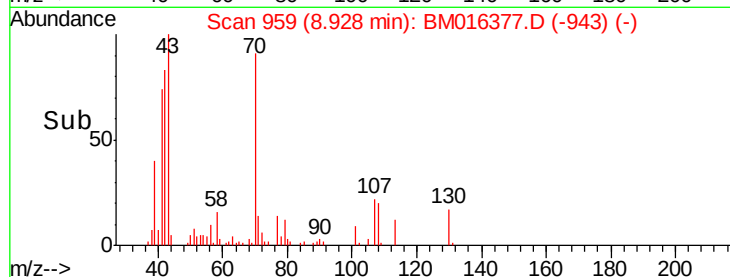
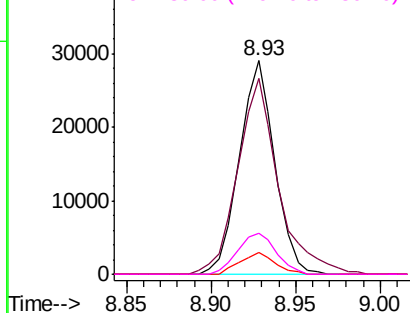
Abundance

Ion 70.00 (69.70 to 70.70): BM016377.D (-943) (-)

Ion 42.00 (41.70 to 42.70): BM016377.D (-943) (-)

Ion 101.00 (100.70 to 101.70): BM016377.D (-943) (-)

Ion 130.00 (129.70 to 130.70): BM016377.D (-943) (-)



#20

3+4-Methylphenols

Concen: 41.357 ng

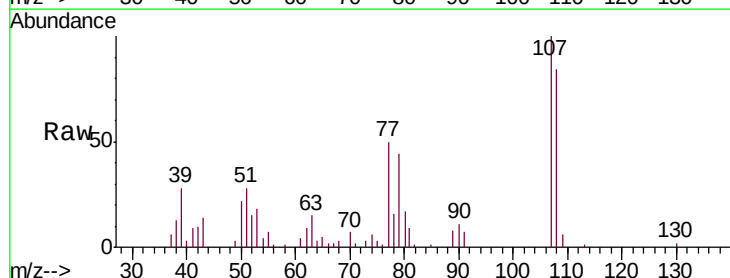
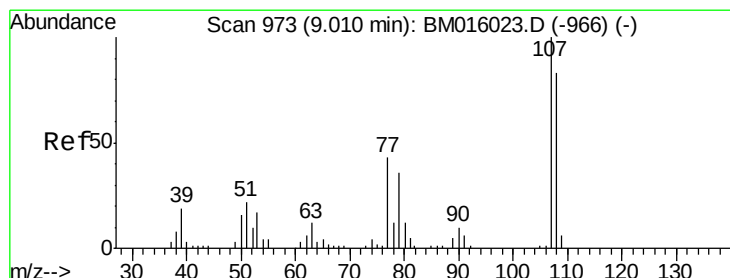
RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Tgt Ion:	107	Resp:	58541
Ion	Ratio	Lower	Upper
107	100		
108	84.4	73.2	113.2
77	50.3	10.7	50.7
79	43.9	9.6	49.6



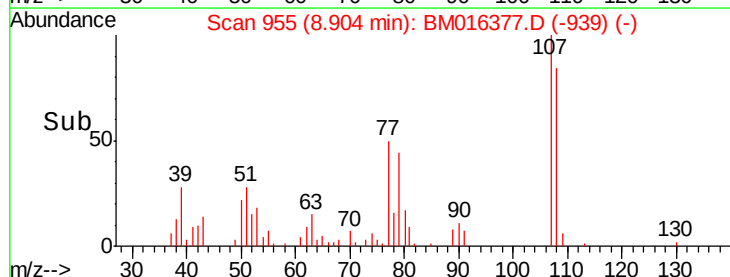
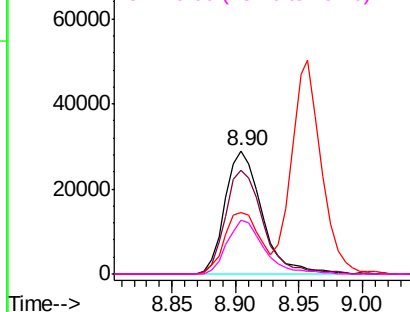
Abundance

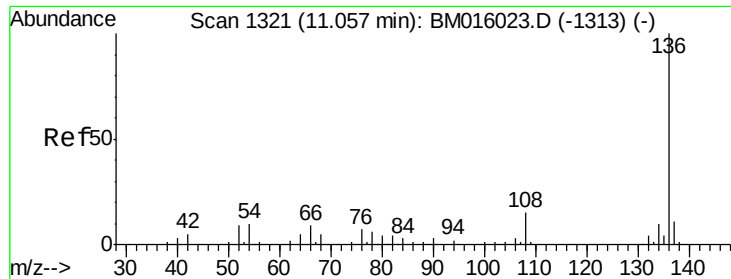
Ion 107.00 (106.70 to 107.70): BM016377.D (-939) (-)

Ion 108.00 (107.70 to 108.70): BM016377.D (-939) (-)

Ion 77.00 (76.70 to 77.70): BM016377.D (-939) (-)

Ion 79.00 (78.70 to 79.70): BM016377.D (-939) (-)

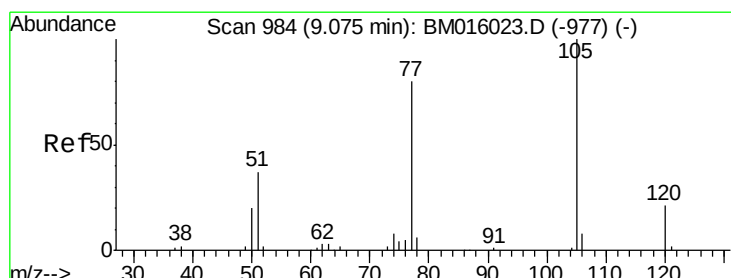
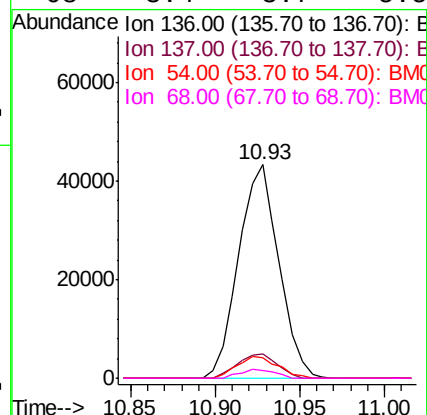
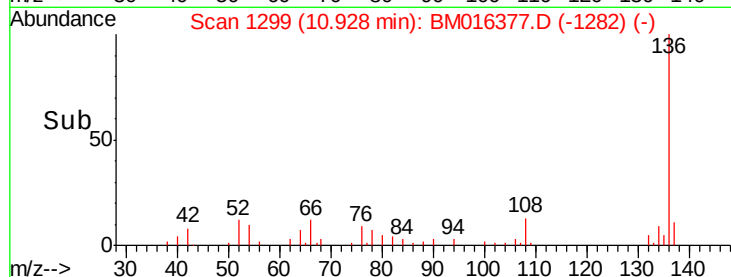
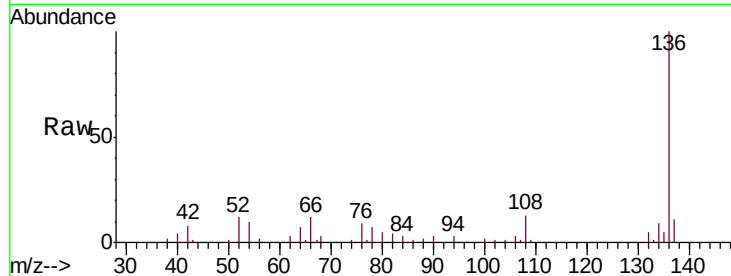




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

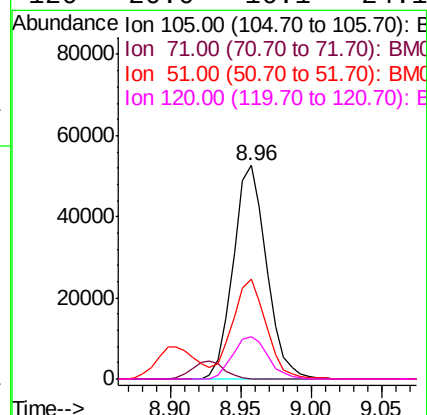
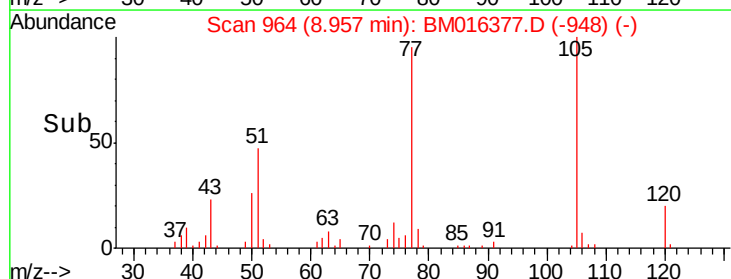
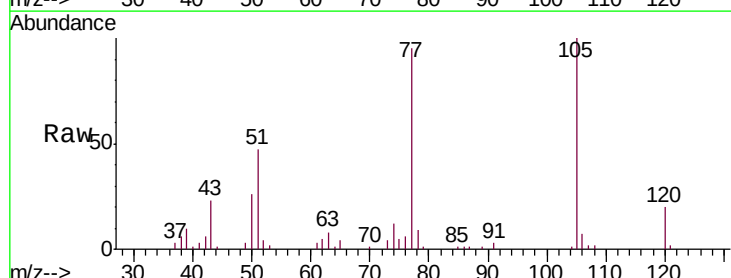
Instrument :
BNA_M
ClientSampleId :
PB112015BS

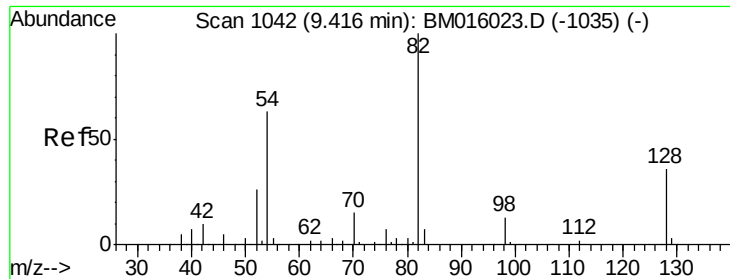
Tgt Ion:	136	Resp:	71620
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.6	4.6	6.8#
68	3.4	3.7	5.5#



#22
Acetophenone
Concen: 48.102 ng
RT: 8.96 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion:	105	Resp:	86747
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	46.9	21.6	32.4#
120	20.0	16.1	24.1

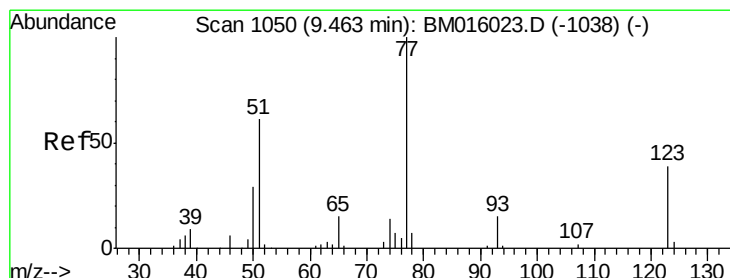
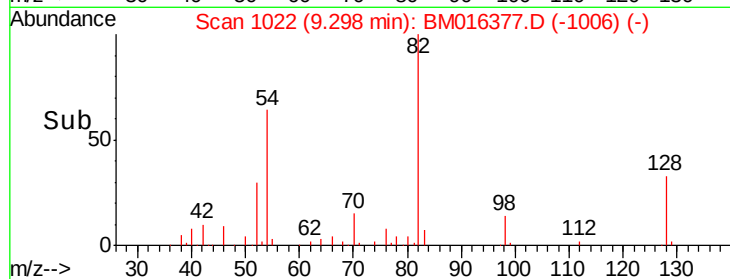
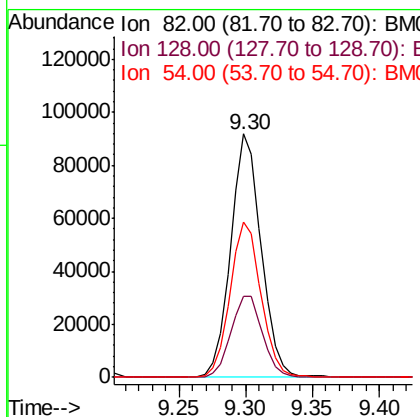
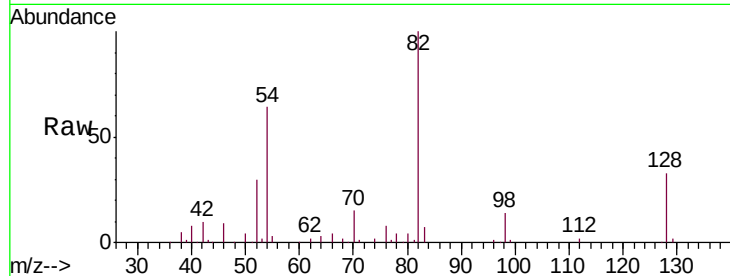




#23
 Nitrobenzene-d5
 Concen: 48.102 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

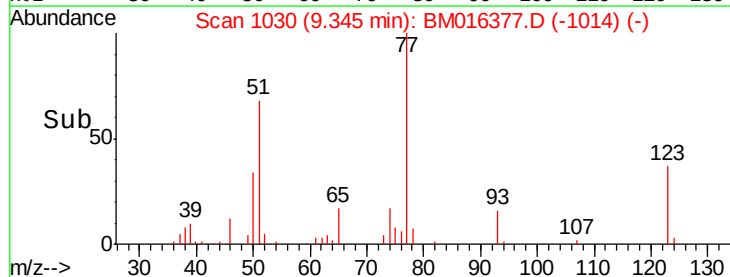
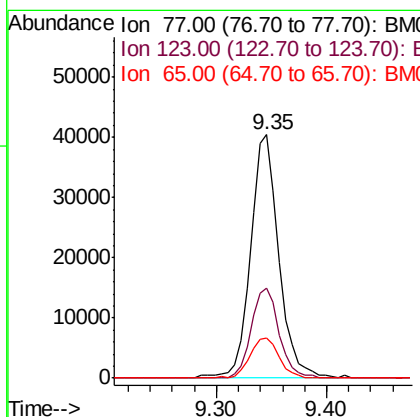
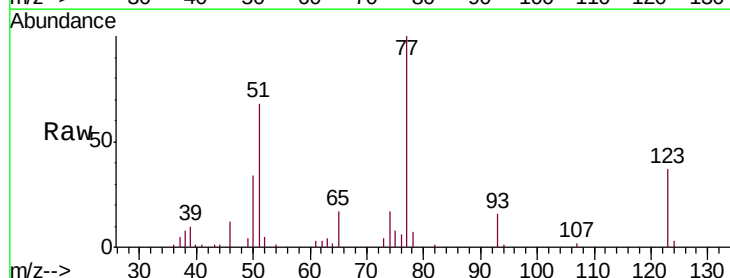
Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

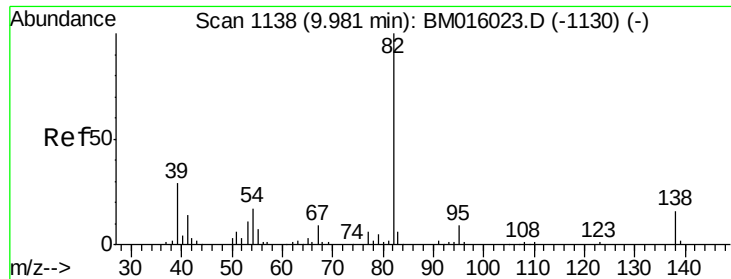
Tgt Ion: 82 Resp: 145999
 Ion Ratio Lower Upper
 82 100
 128 33.5 32.8 49.2
 54 63.6 40.6 60.8#



#24
 Nitrobenzene
 Concen: 46.901 ng
 RT: 9.35 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion: 77 Resp: 72695
 Ion Ratio Lower Upper
 77 100
 123 37.0 32.6 49.0
 65 16.7 10.9 16.3#





#25

Isophorone

Concen: 52.567 ng

RT: 9.86 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

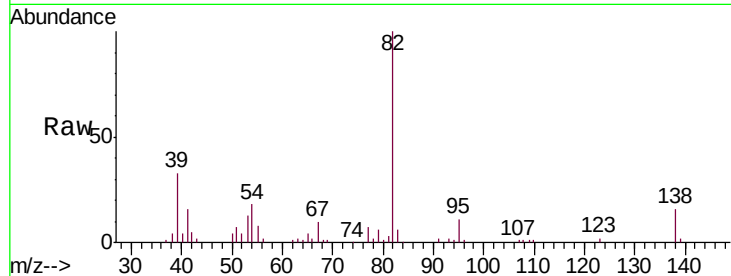
Tgt Ion: 82 Resp: 110720

Ion Ratio Lower Upper

82 100

95 10.8 5.8 8.6#

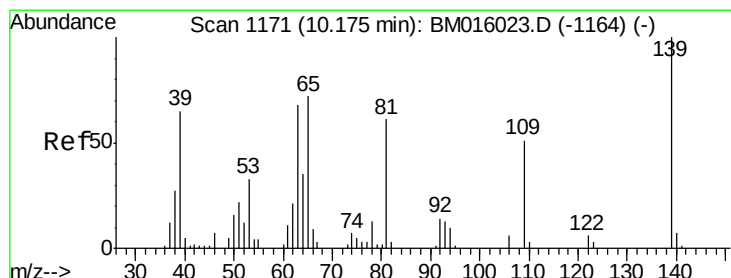
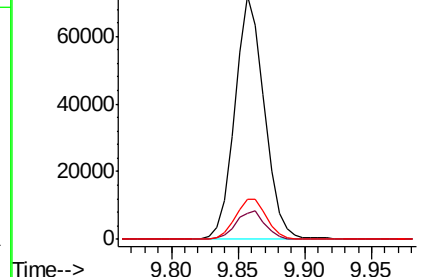
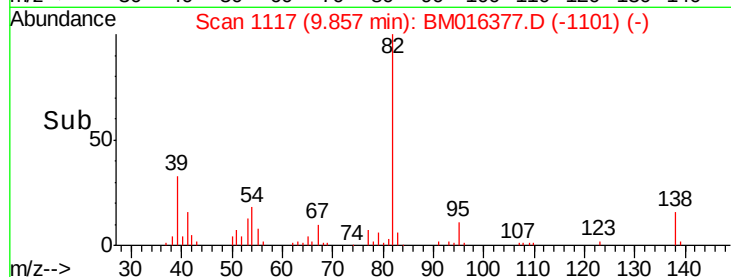
138 16.4 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016377.D (-1117) (-)

Ion 95.00 (94.70 to 95.70): BM016377.D (-1117) (-)

Ion 138.00 (137.70 to 138.70): BM016377.D (-1117) (-)



#26

2-Nitrophenol

Concen: 46.256 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

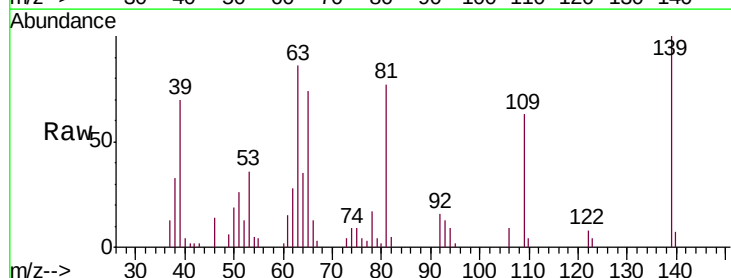
Tgt Ion: 139 Resp: 29929

Ion Ratio Lower Upper

139 100

109 63.0 20.1 30.1#

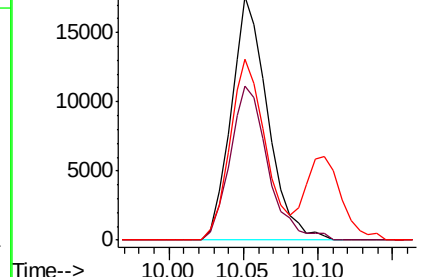
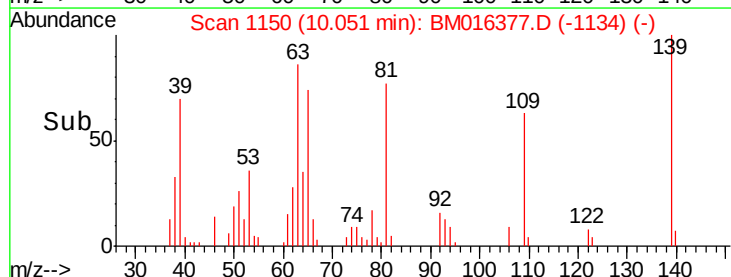
65 74.5 31.5 47.3#

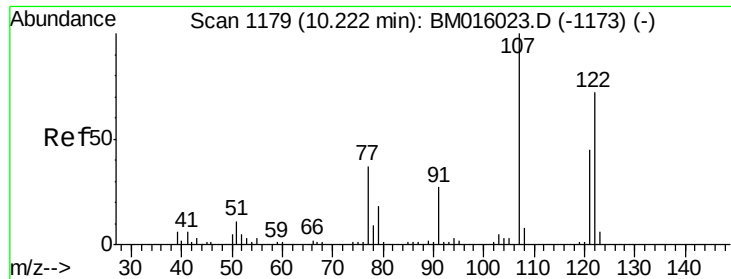


Abundance Ion 139.00 (138.70 to 139.70): BM016377.D (-1150) (-)

Ion 109.00 (108.70 to 109.70): BM016377.D (-1150) (-)

Ion 65.00 (64.70 to 65.70): BM016377.D (-1150) (-)

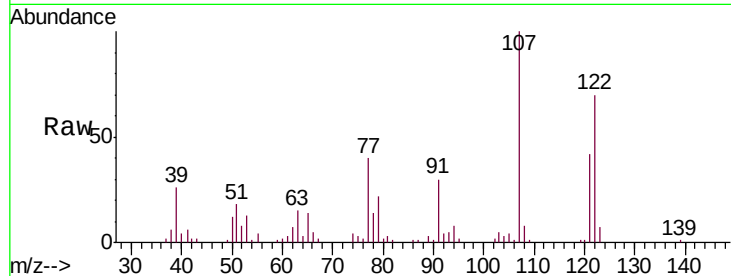




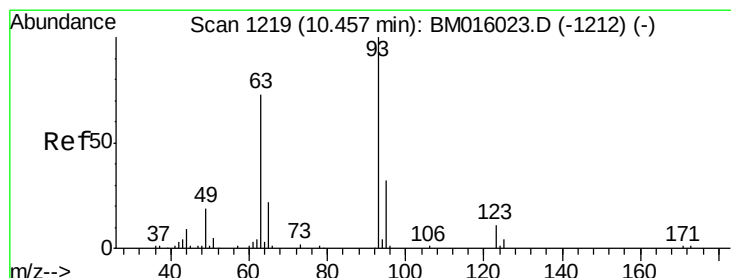
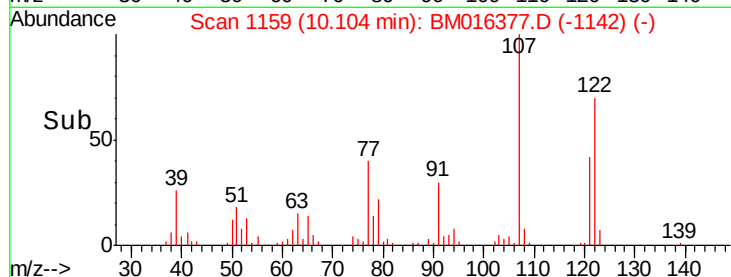
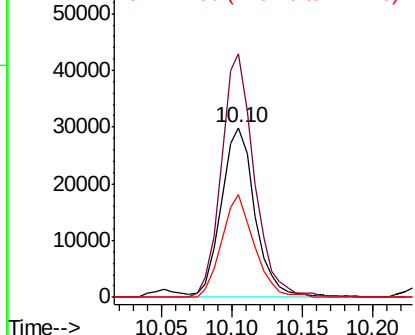
#27
2,4-Dimethylphenol
Concen: 55.225 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Instrument :
BNA_M
ClientSampleId :
PB112015BS

Tgt Ion:122 Resp: 49782
Ion Ratio Lower Upper
122 100
107 143.3 84.7 127.1#
121 60.5 46.6 69.8

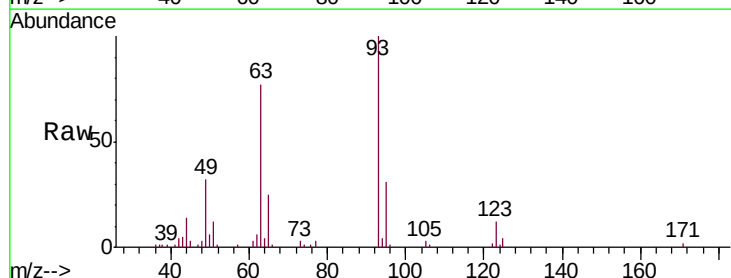


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

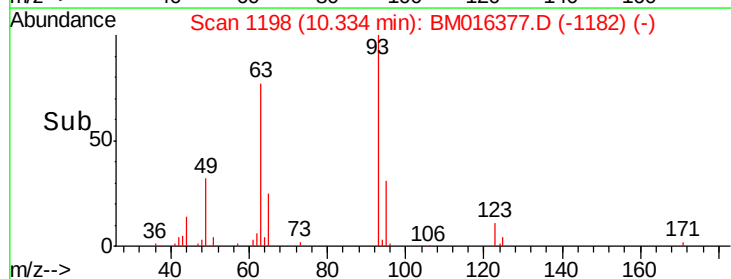
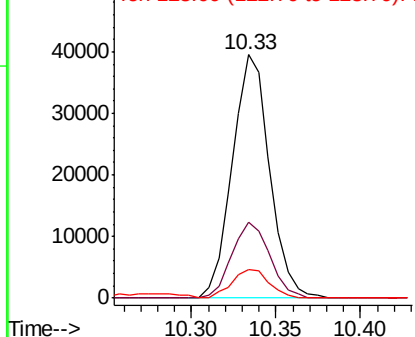


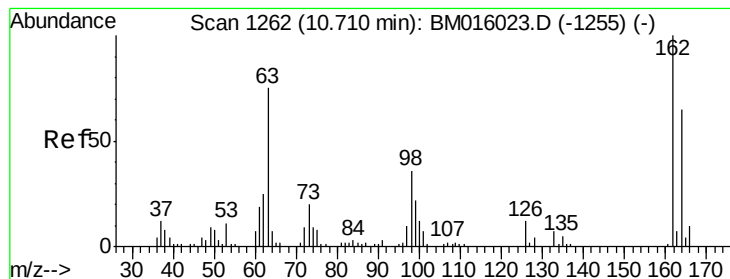
#28
bis(2-Chloroethoxy)methane
Concen: 44.225 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion: 93 Resp: 60543
Ion Ratio Lower Upper
93 100
95 31.3 25.5 38.3
123 11.5 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: 49.577 ng

RT: 10.59 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

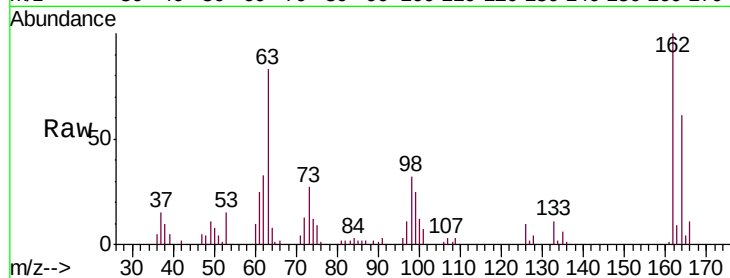
Tgt Ion:162 Resp: 53105

Ion Ratio Lower Upper

162 100

164 60.9 42.8 82.8

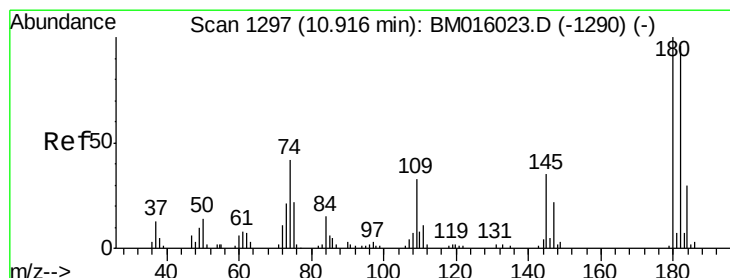
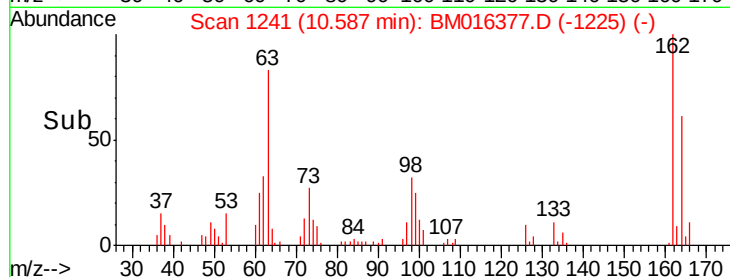
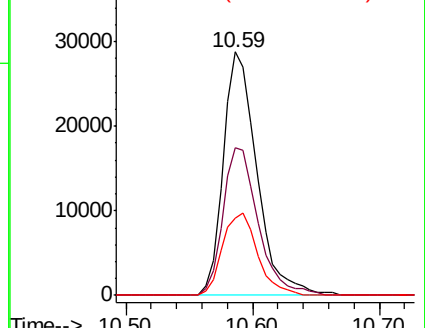
98 32.0 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 47.452 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

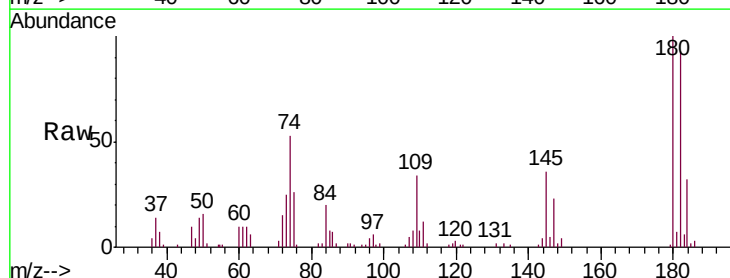
Tgt Ion:180 Resp: 61758

Ion Ratio Lower Upper

180 100

182 93.3 77.6 116.4

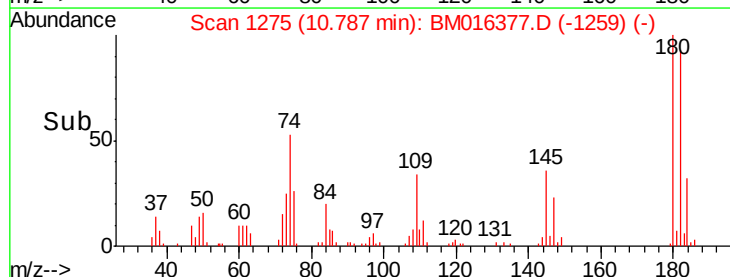
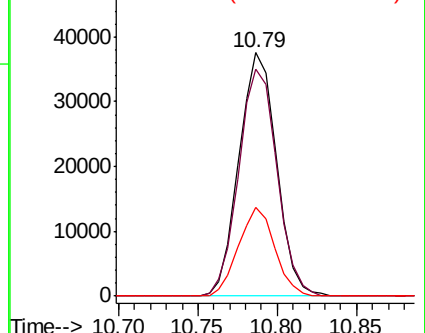
145 36.2 23.4 35.2#

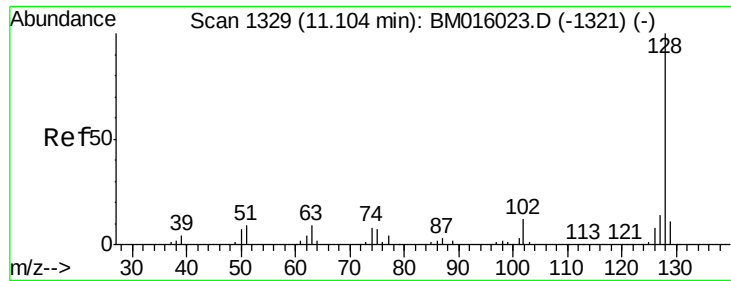


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

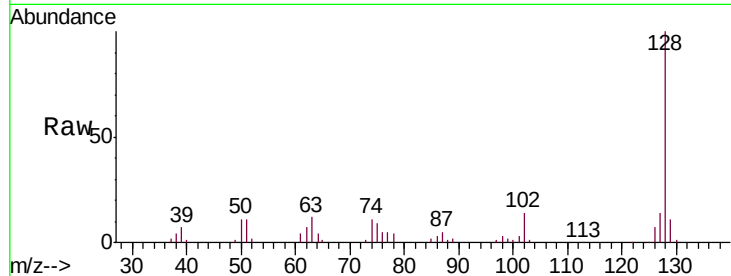




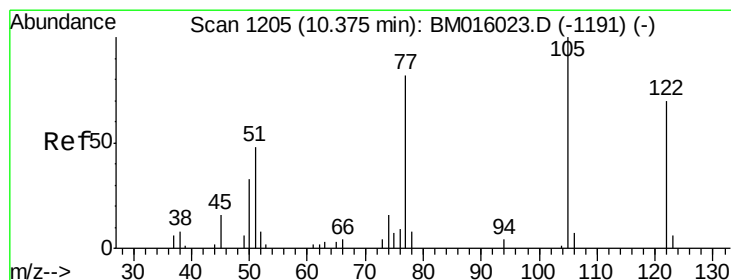
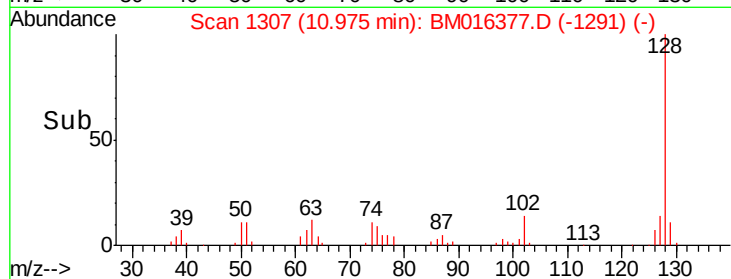
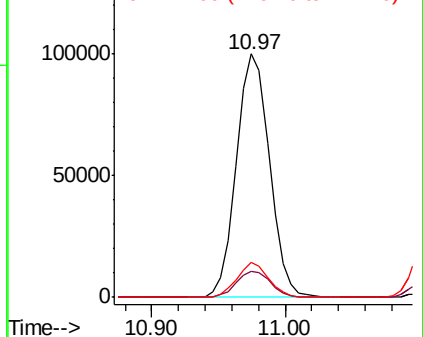
#31
Naphthalene
Concen: 47.345 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Instrument :
BNA_M
ClientSampleId :
PB112015BS

Tgt Ion:128 Resp: 171613
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 14.2 10.4 15.6

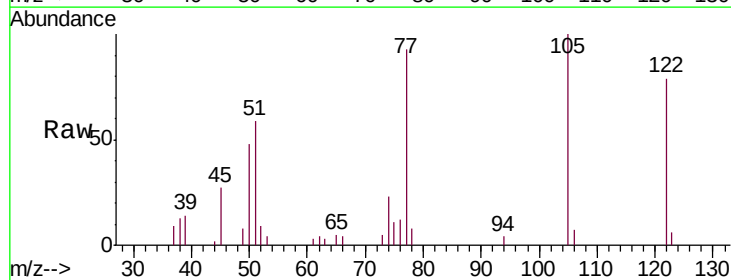


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

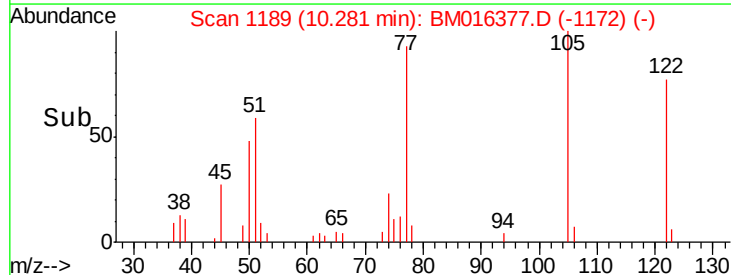
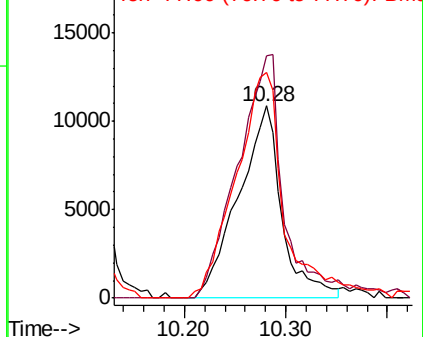


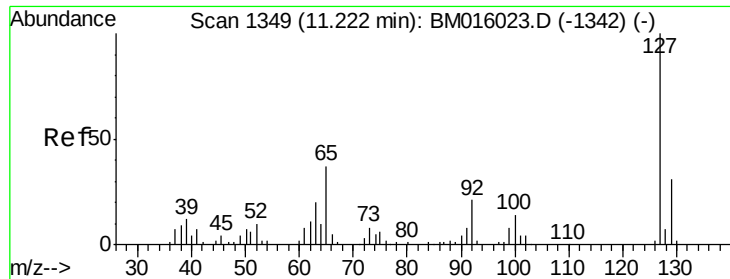
#32
Benzoic acid
Concen: 46.721 ng
RT: 10.28 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion:122 Resp: 32105
Ion Ratio Lower Upper
122 100
105 126.0 99.9 139.9
77 117.8 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

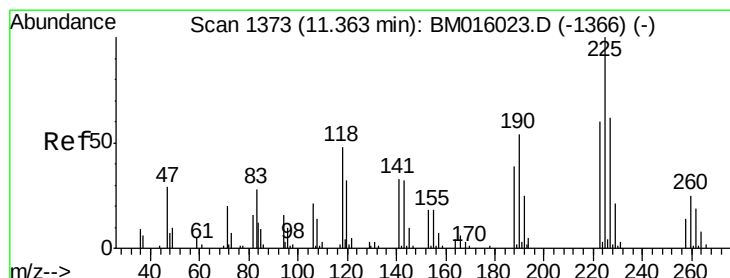
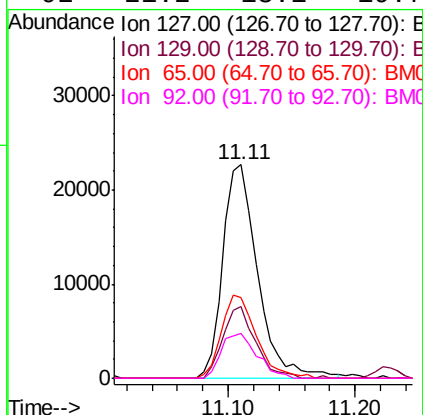
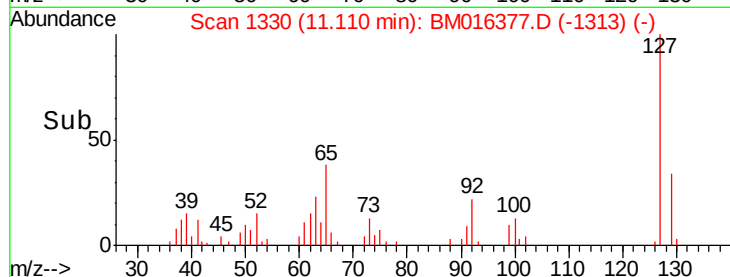
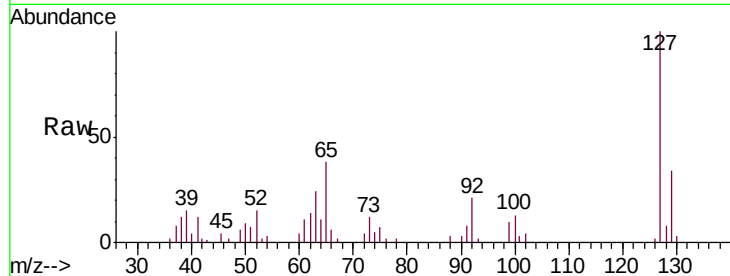




#33
4-Chloroaniline
Concen: 29.313 ng
RT: 11.11 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

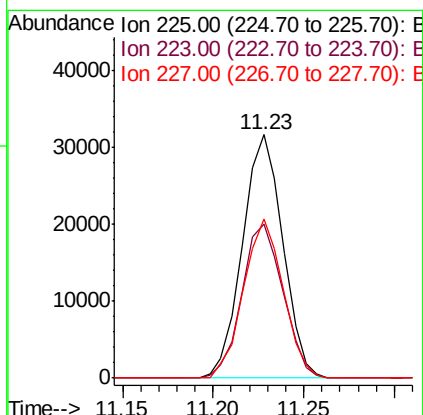
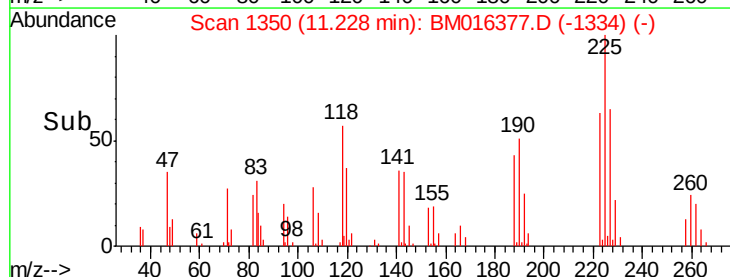
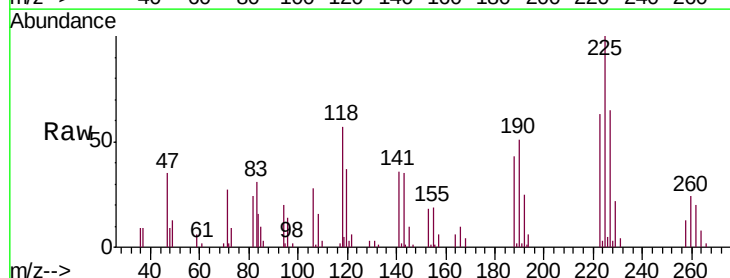
Instrument :
BNA_M
ClientSampleId :
PB112015BS

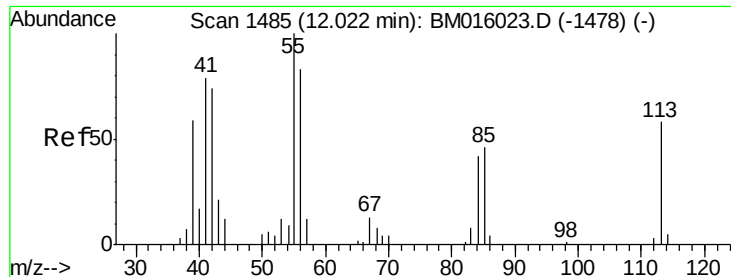
Tgt Ion:127 Resp: 43359
Ion Ratio Lower Upper
127 100
129 33.8 25.3 37.9
65 37.7 17.6 26.4#
92 21.2 13.1 19.7#



#34
Hexachlorobutadiene
Concen: 54.372 ng
RT: 11.23 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion:225 Resp: 49086
Ion Ratio Lower Upper
225 100
223 63.4 47.9 71.9
227 68.5 50.1 75.1

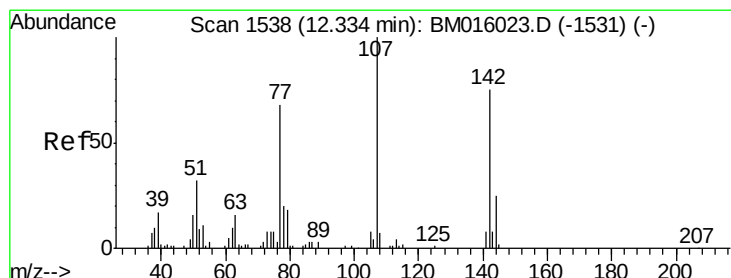
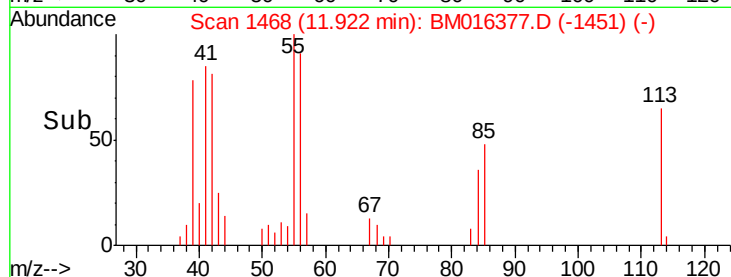
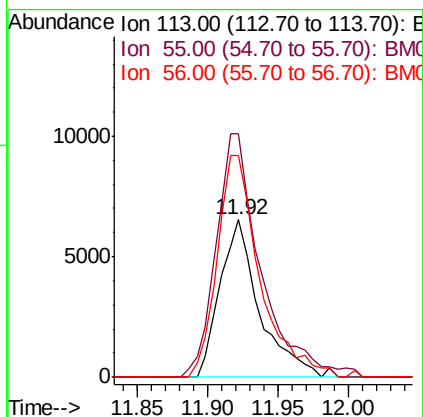
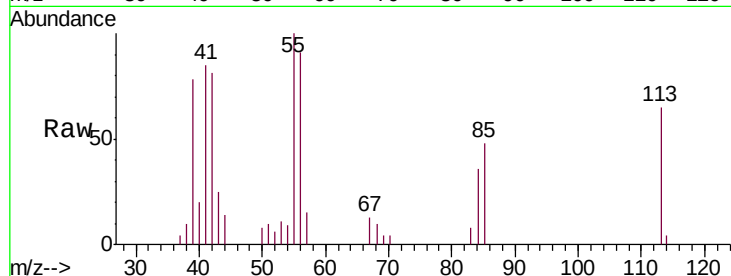




#35
 Caprolactam
 Concen: 43.144 ng
 RT: 11.92 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

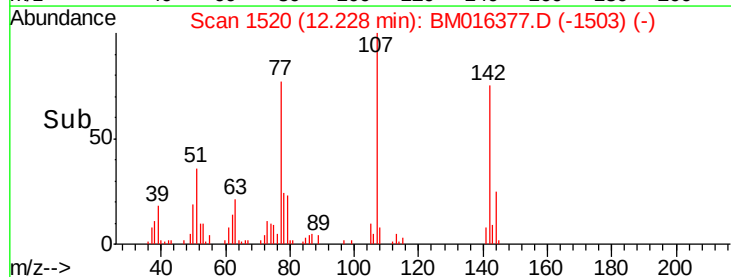
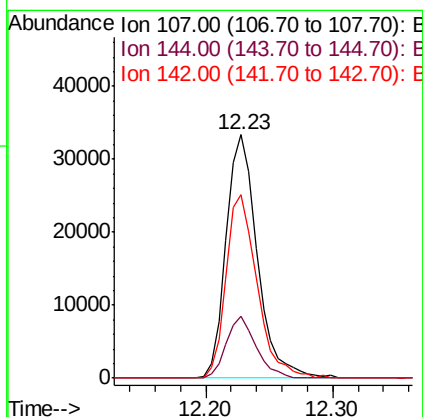
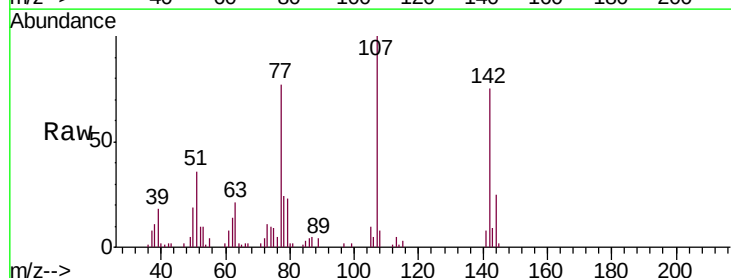
Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

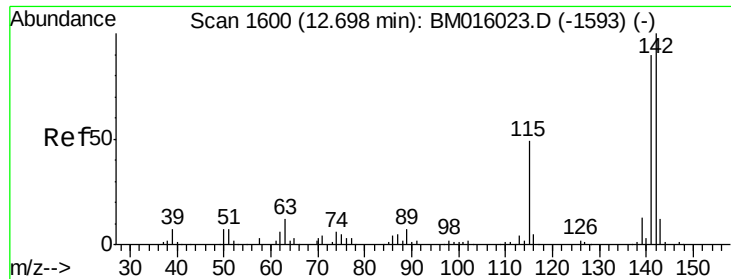
Tgt Ion: 113 Resp: 12800
 Ion Ratio Lower Upper
 113 100
 55 154.7 145.9 185.9
 56 141.3 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 48.355 ng
 RT: 12.23 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion: 107 Resp: 56970
 Ion Ratio Lower Upper
 107 100
 144 25.3 23.3 34.9
 142 75.2 72.6 109.0

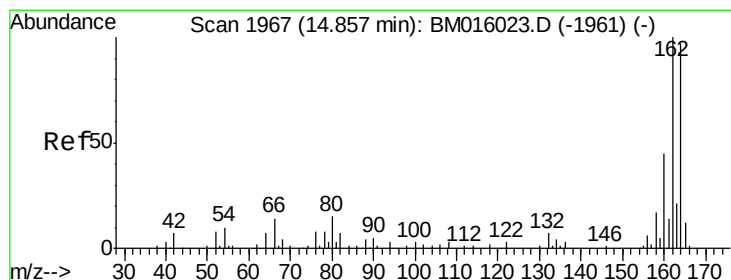
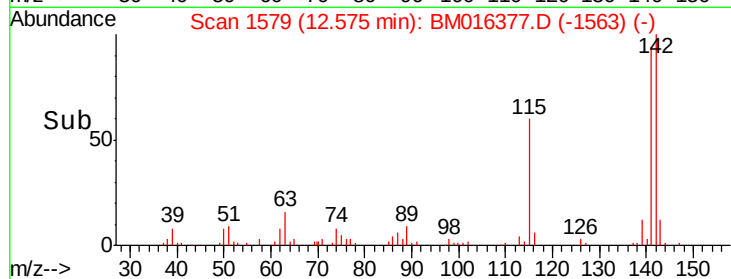
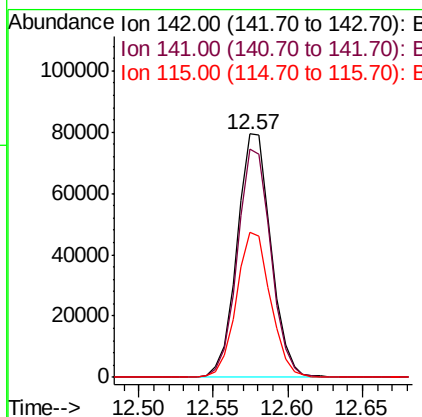
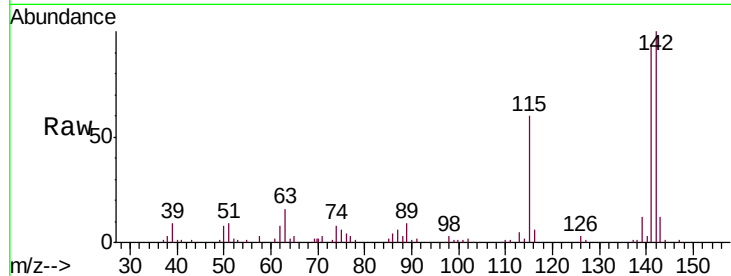




#37
 2-Methylnaphthalene
 Concen: 51.594 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

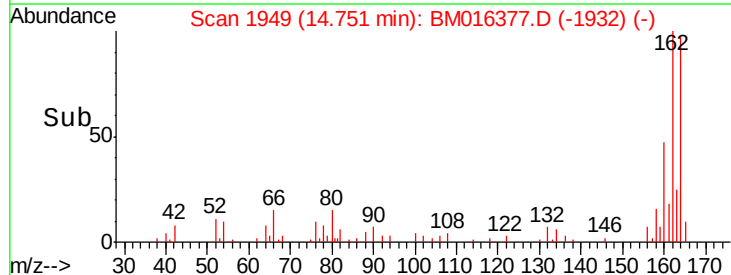
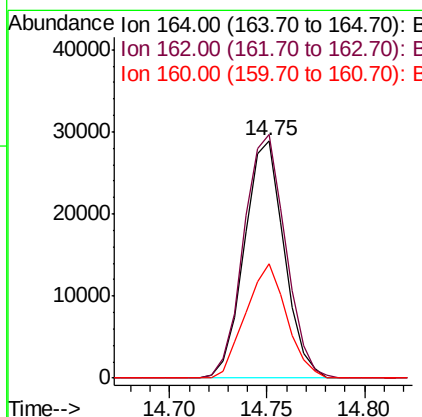
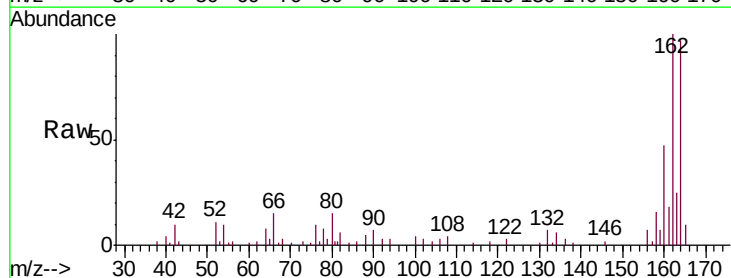
Instrument :
 BNA_M
 ClientSampleID :
 PB112015BS

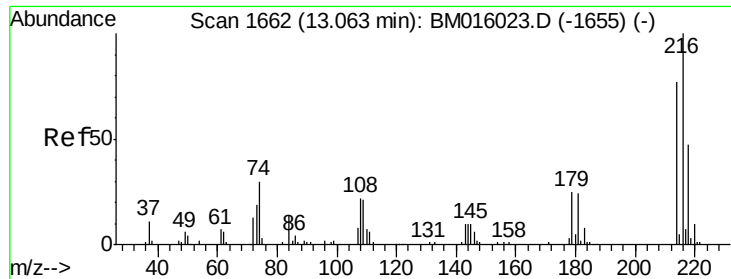
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	71.9	107.9
115	59.5	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.4	123.6
160	47.9	35.8	53.6

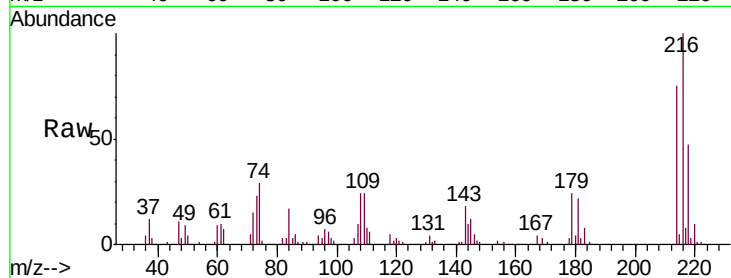




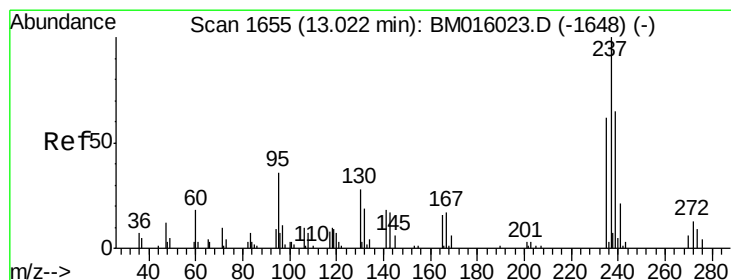
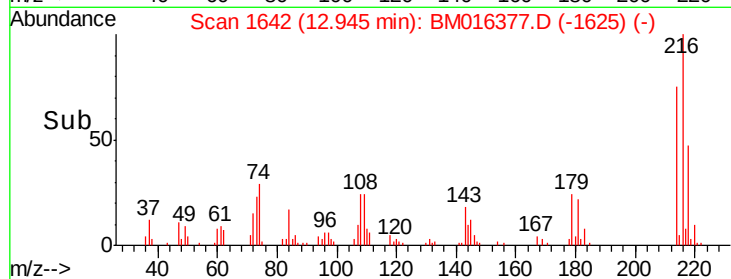
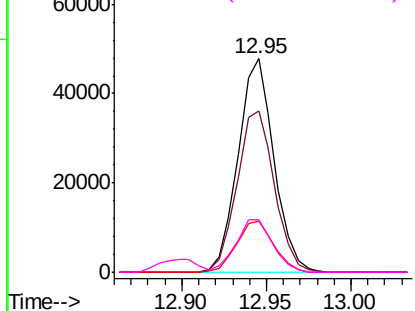
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.883 ng
 RT: 12.95 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

Tgt Ion:	216	Resp:	70704
Ion	Ratio	Lower	Upper
216	100		
214	78.4	0.0	0.0#
179	24.6	0.0	0.0#
108	25.3	0.0	0.0#

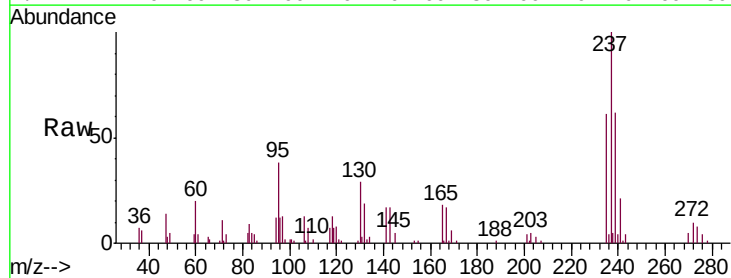


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

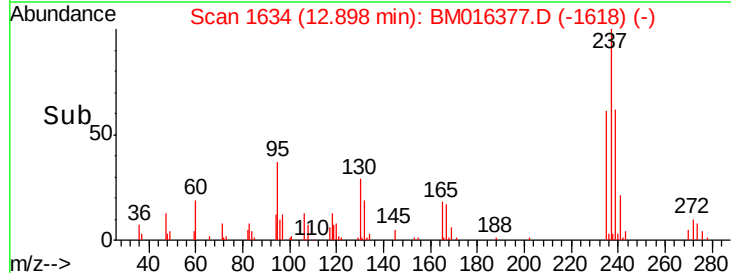
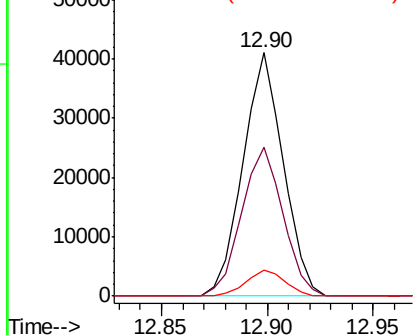


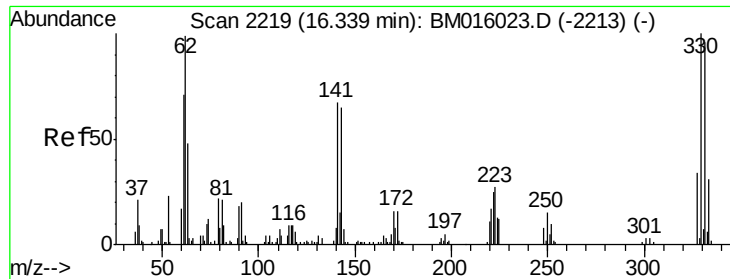
#40
 Hexachlorocyclopentadiene
 Concen: 79.862 ng
 RT: 12.90 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion:	237	Resp:	54461
Ion	Ratio	Lower	Upper
237	100		
235	61.2	42.0	82.0
272	10.4	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

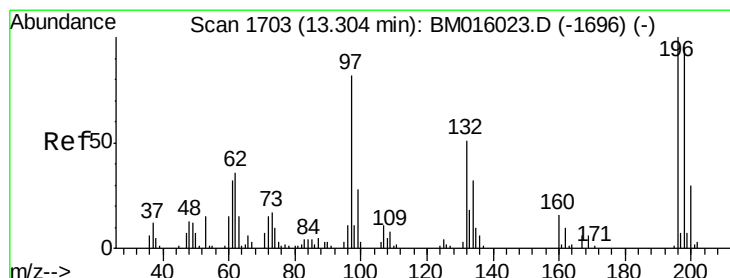
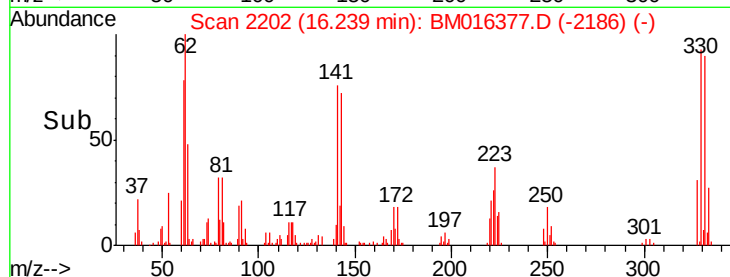
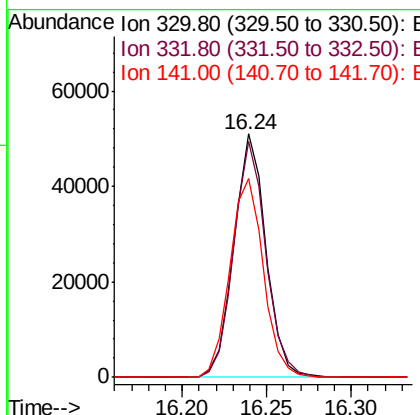
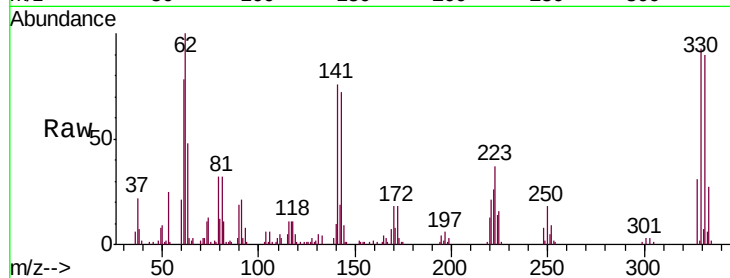




#41
 2,4,6-Tribromophenol
 Concen: 79.862 ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

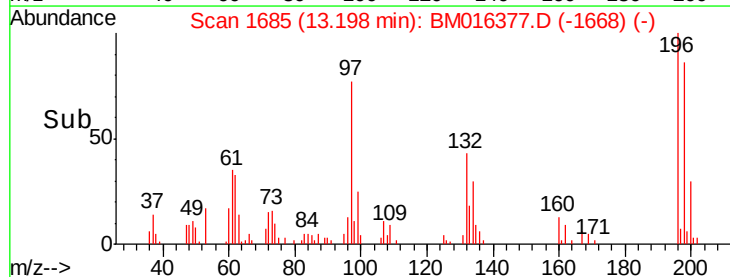
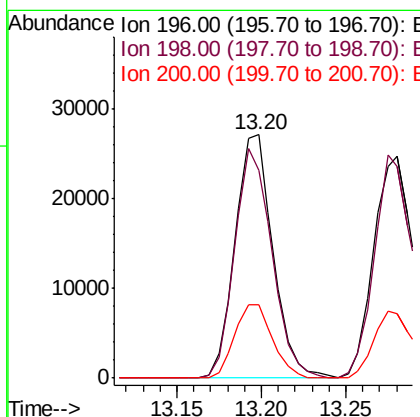
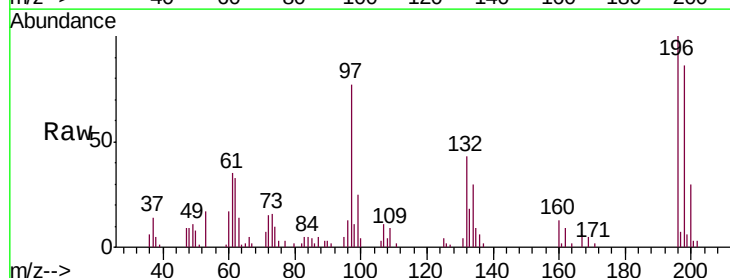
Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

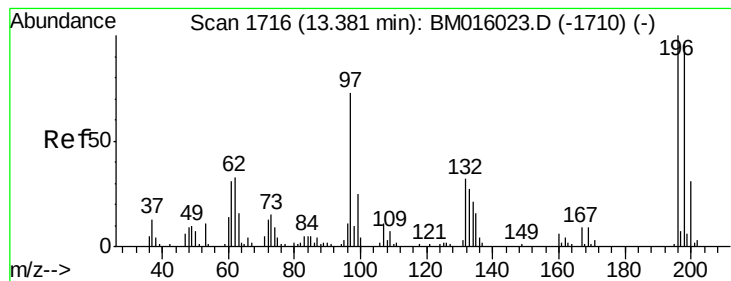
Tgt Ion:330 Resp: 67307
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 85.7 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 48.765 ng
 RT: 13.20 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion:196 Resp: 42395
 Ion Ratio Lower Upper
 196 100
 198 85.6 76.3 114.5
 200 30.3 25.6 38.4





#43

2,4,5-Trichlorophenol

Concen: 48.983 ng

RT: 13.28 min Scan# 1699

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

Tgt Ion:196 Resp: 43925

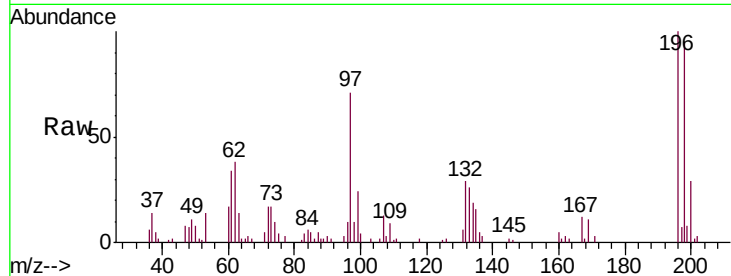
Ion Ratio Lower Upper

196 100

198 94.9 79.4 119.0

97 71.0 26.8 40.2#

132 29.0 18.6 28.0#



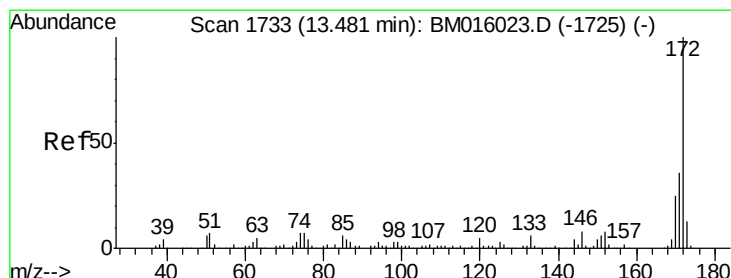
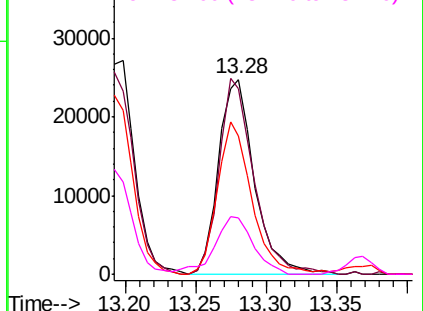
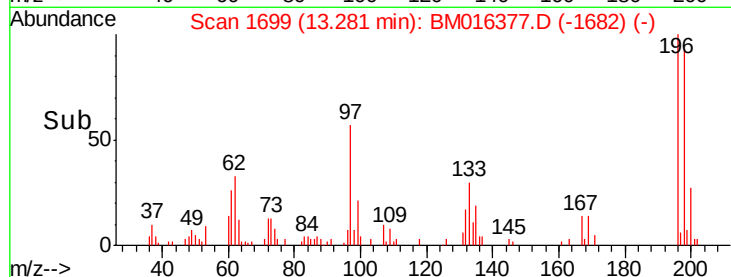
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 48.983 ng

RT: 13.37 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

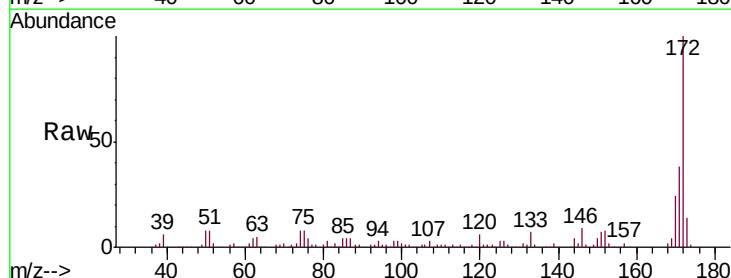
Tgt Ion:172 Resp: 300112

Ion Ratio Lower Upper

172 100

171 37.6 28.5 42.7

170 24.4 18.8 28.2

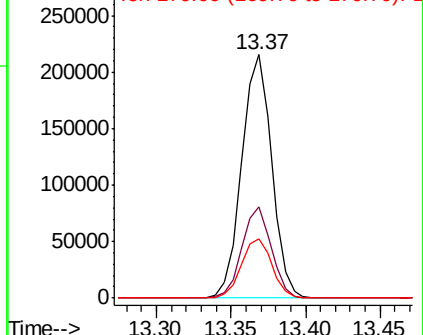
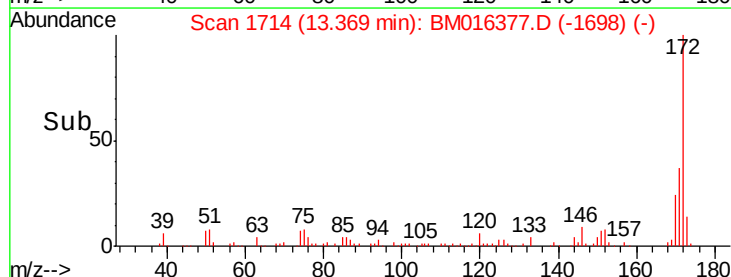


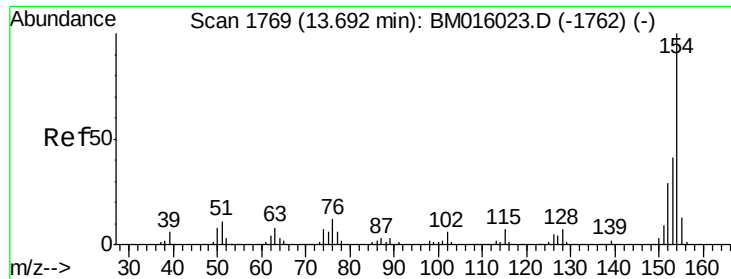
Abundance

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

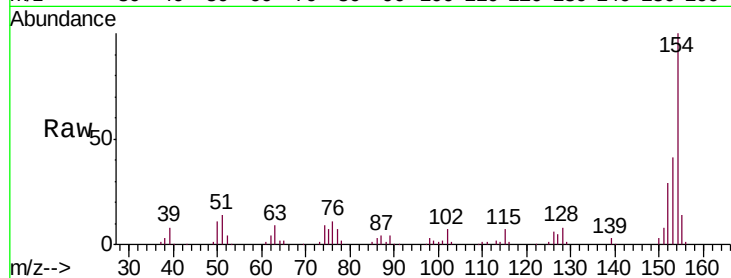




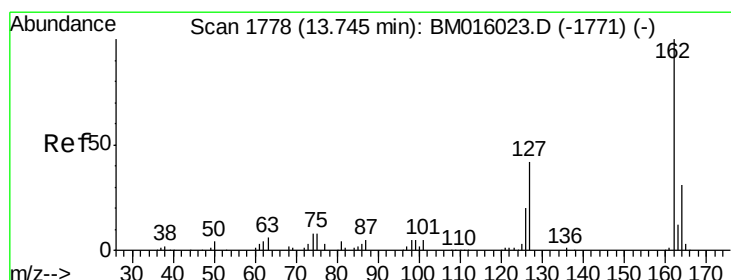
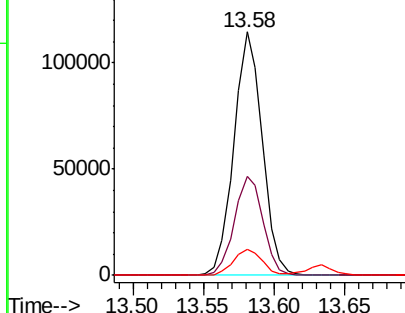
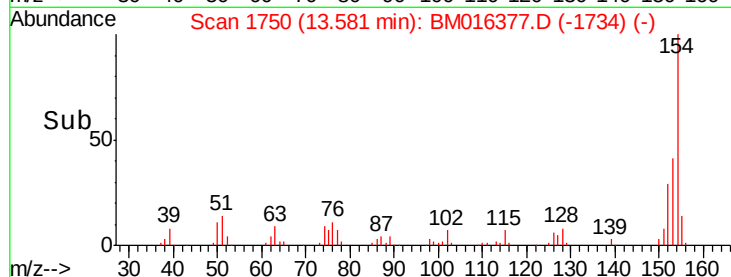
#45
 1,1'-Biphenyl
 Concen: 43.432 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	10.5	0.0	30.9

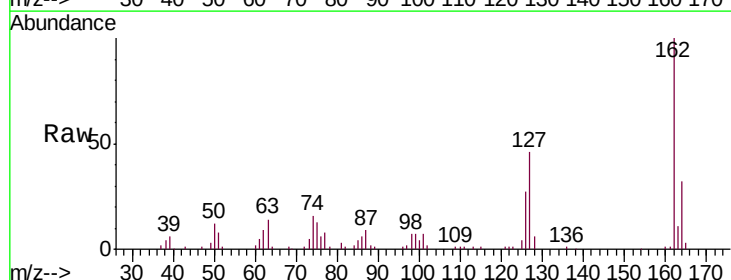


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BMC

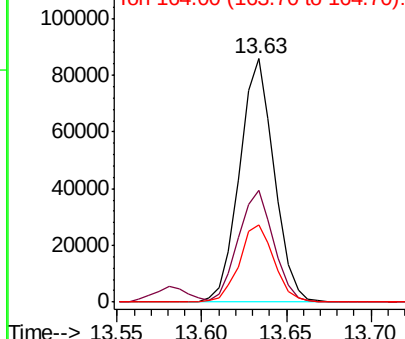
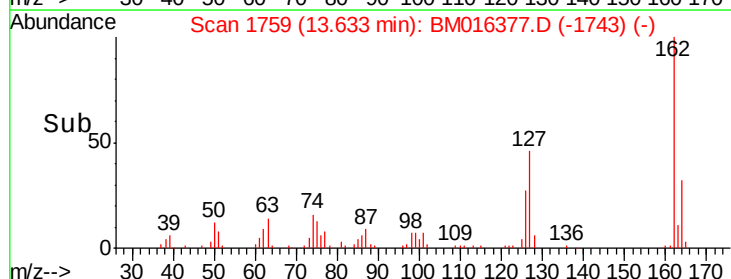


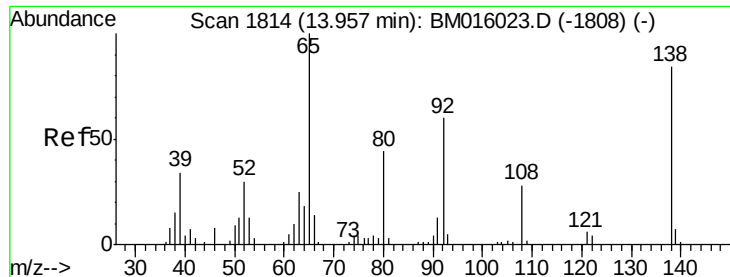
#46
 2-Chloronaphthalene
 Concen: 42.776 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.1	26.9	40.3#
164	31.9	26.8	40.2



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

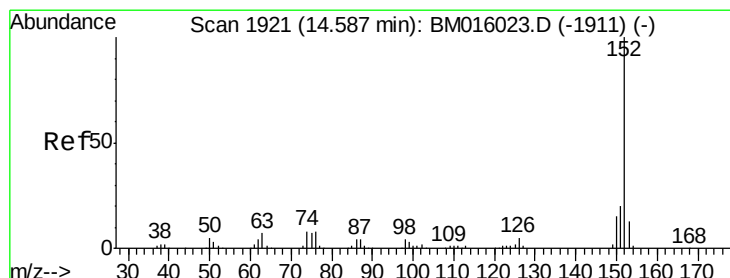
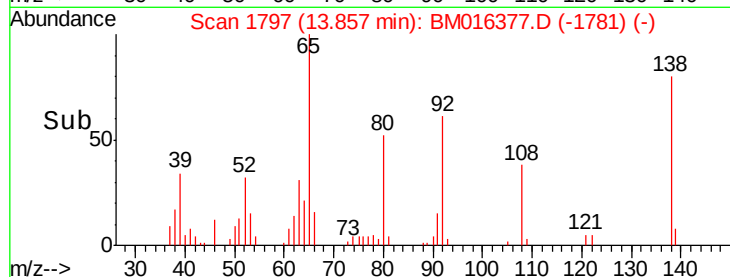
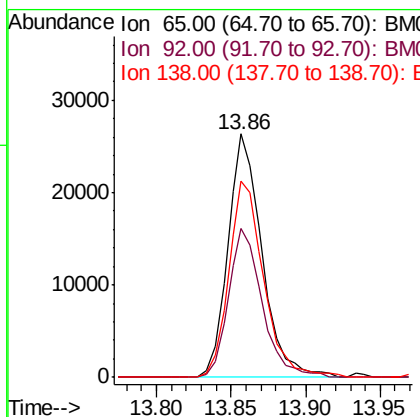
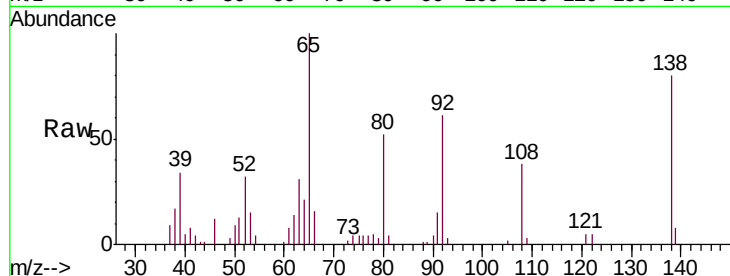




#47
 2-Nitroaniline
 Concen: 44.385 ng
 RT: 13.86 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

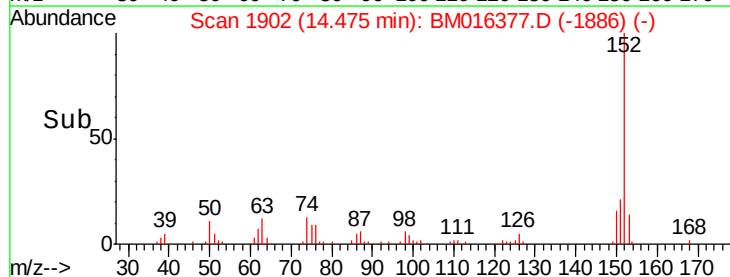
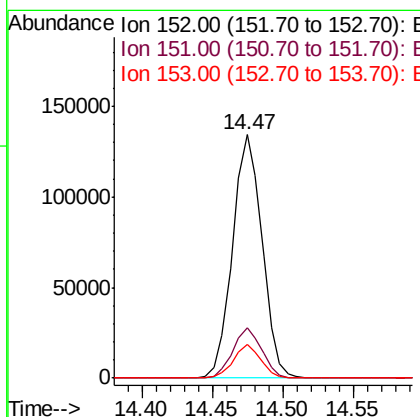
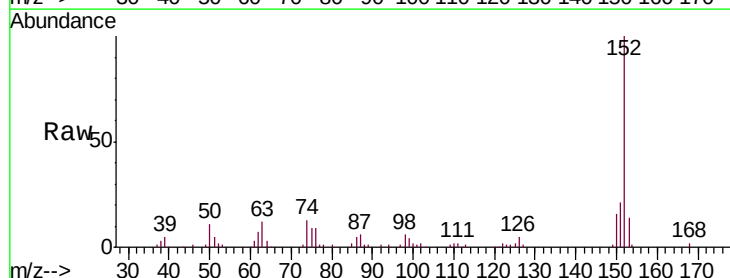
Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

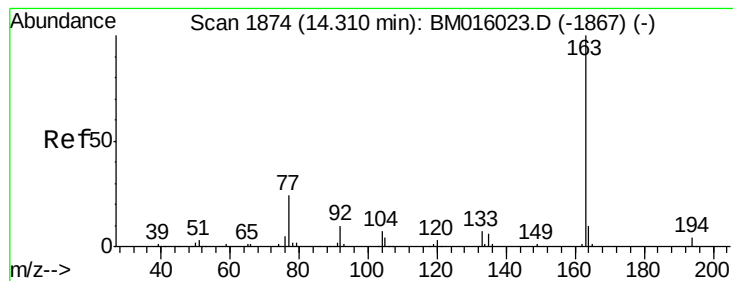
Tgt Ion: 65 Resp: 42040
 Ion Ratio Lower Upper
 65 100
 92 61.4 59.1 88.7
 138 80.4 93.9 140.9#



#48
 Acenaphthylene
 Concen: 46.761 ng
 RT: 14.47 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion: 152 Resp: 196116
 Ion Ratio Lower Upper
 152 100
 151 20.5 15.9 23.9
 153 13.6 10.6 16.0





#49

Dimethylphthalate

Concen: 44.705 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

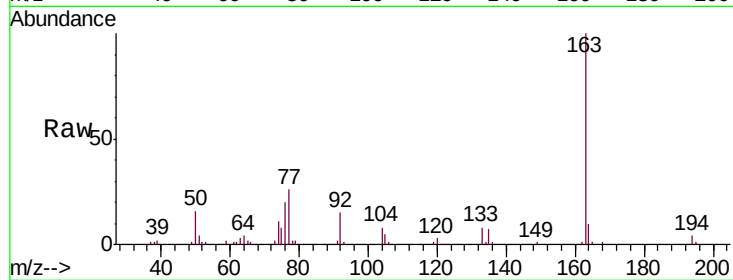
Tgt Ion:163 Resp: 159683

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

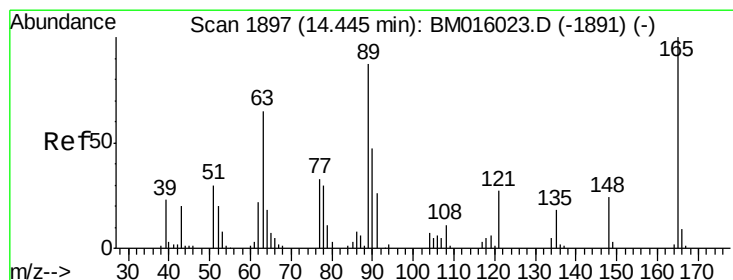
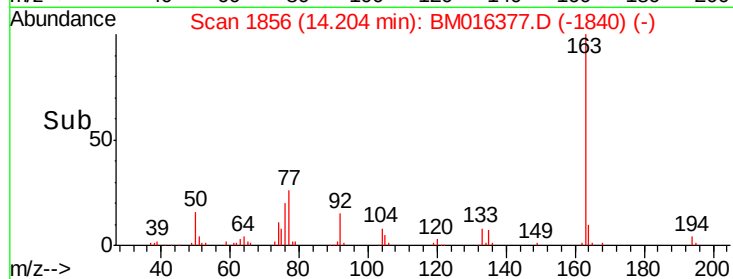
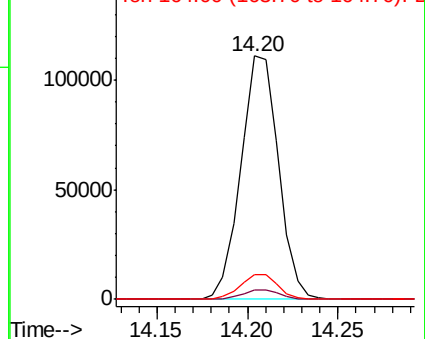
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.544 ng

RT: 14.35 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

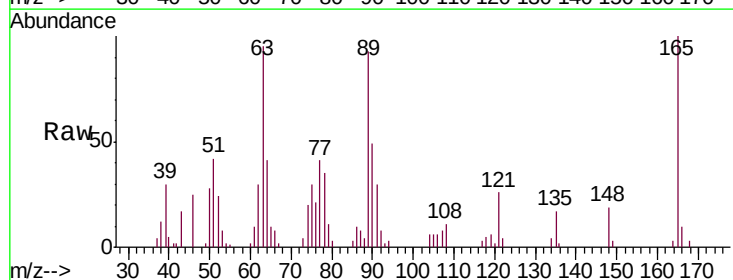
Tgt Ion:165 Resp: 32732

Ion Ratio Lower Upper

165 100

63 94.7 44.1 66.1#

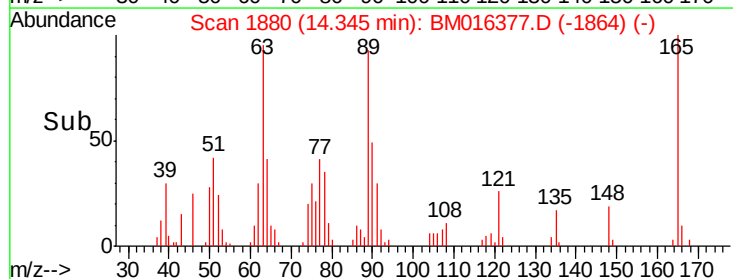
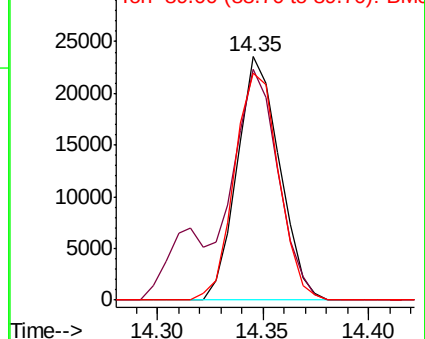
89 93.0 44.3 66.5#

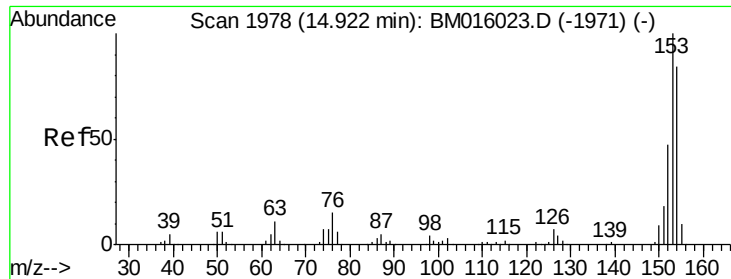


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 43.202 ng

RT: 14.82 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

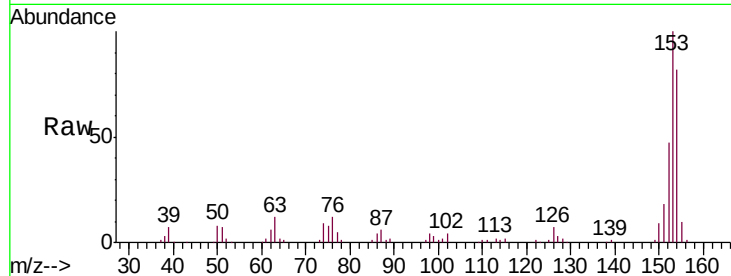
Tgt Ion:154 Resp: 111434

Ion Ratio Lower Upper

154 100

153 121.7 90.0 135.0

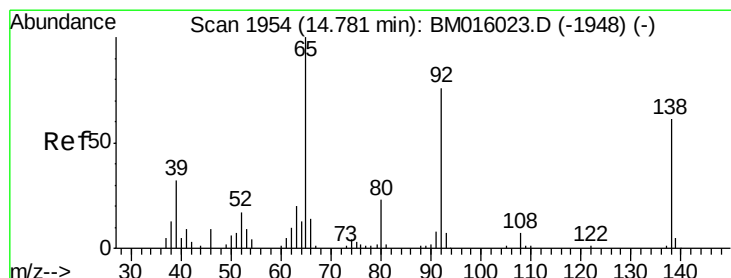
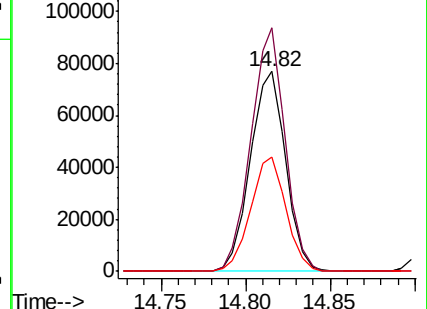
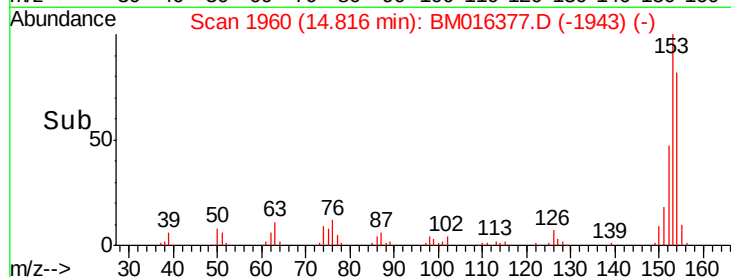
152 57.2 42.6 63.8



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: 29.617 ng

RT: 14.69 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

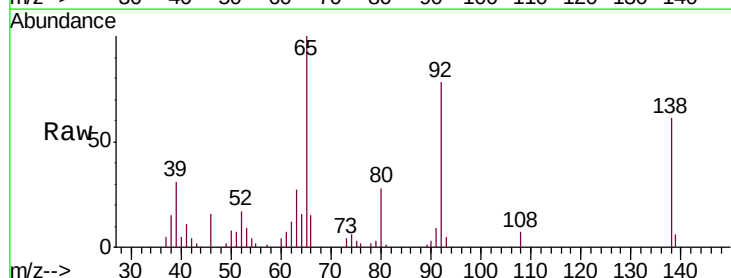
Tgt Ion:138 Resp: 22991

Ion Ratio Lower Upper

138 100

108 11.3 7.3 10.9#

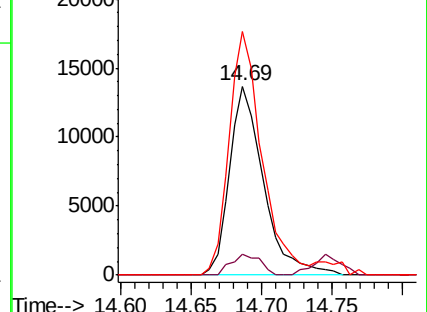
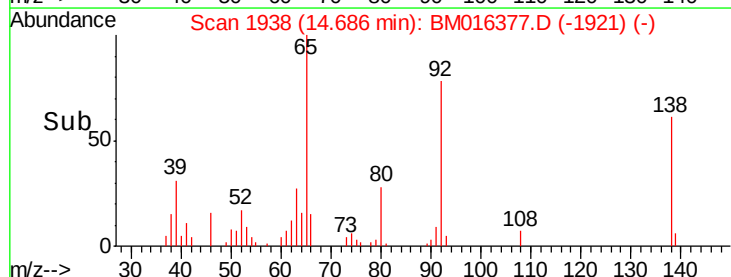
92 128.8 76.6 114.8#

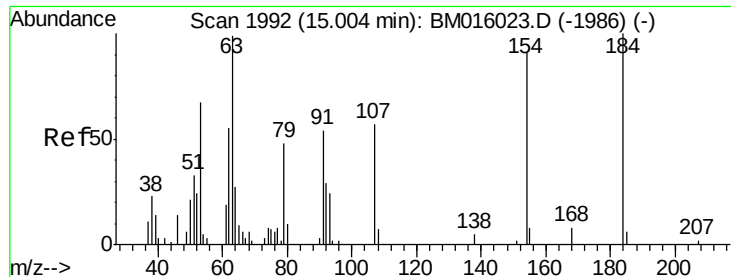


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

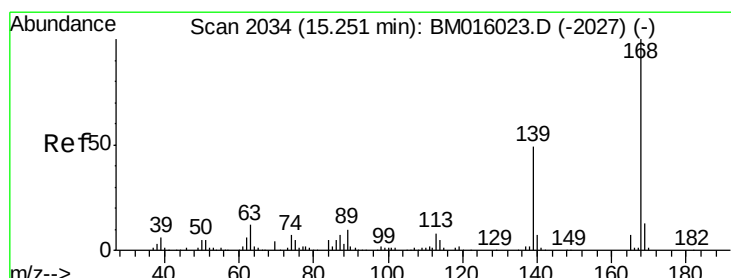
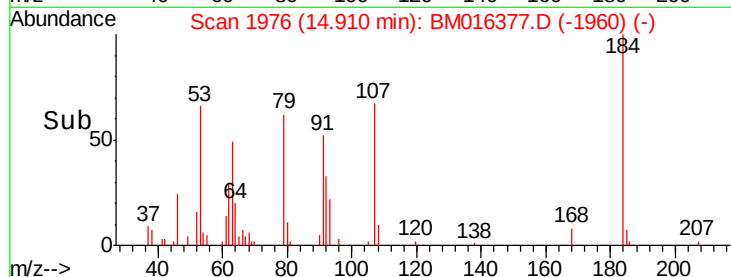
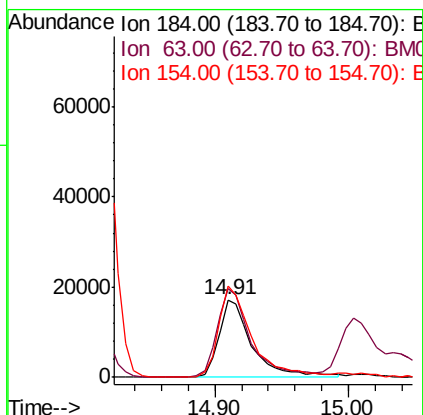
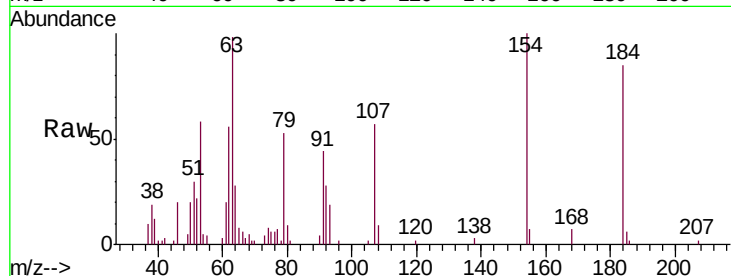




#53
2,4-Dinitrophenol
Concen: 95.378 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

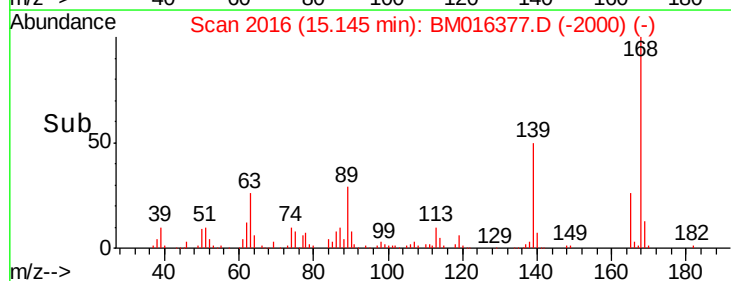
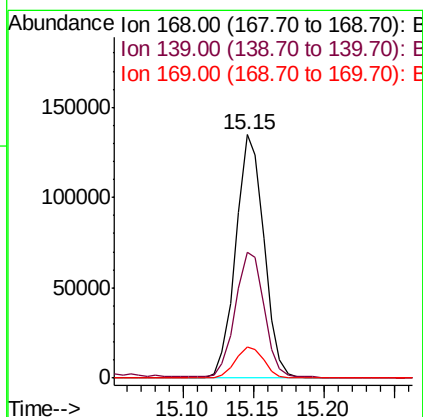
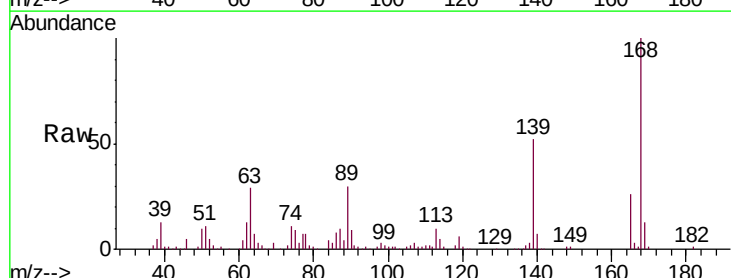
Instrument :
BNA_M
ClientSampleId :
PB112015BS

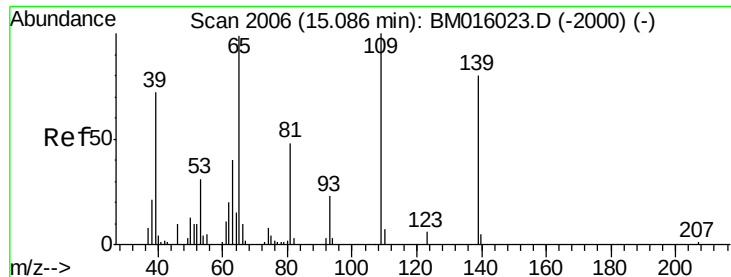
Tgt Ion:184 Resp: 29827
Ion Ratio Lower Upper
184 100
63 114.5 69.2 103.8#
154 117.4 53.3 79.9#



#54
Dibenzofuran
Concen: 44.165 ng
RT: 15.15 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion:168 Resp: 187729
Ion Ratio Lower Upper
168 100
139 51.9 27.3 40.9#
169 12.8 10.6 16.0





#55

4-Nitrophenol

Concen: 76.759 ng

RT: 15.00 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

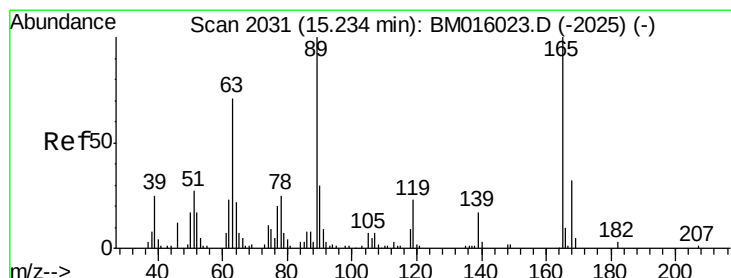
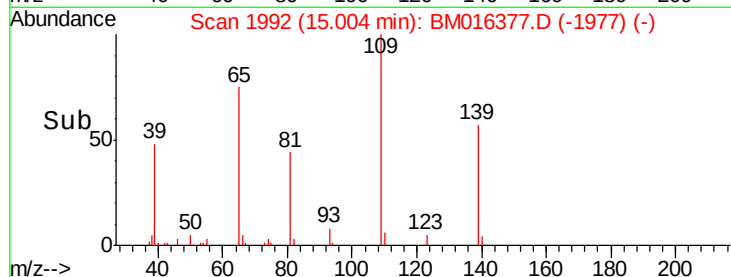
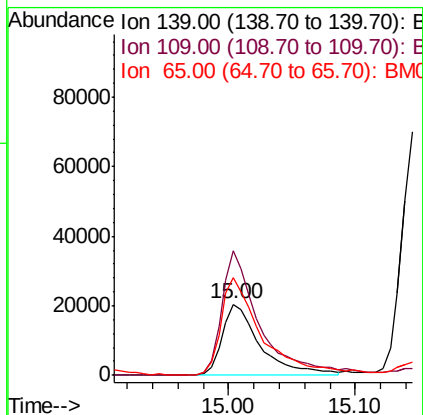
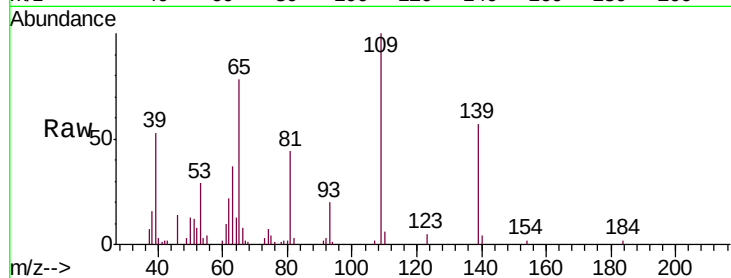
Tgt Ion:139 Resp: 42715

Ion Ratio Lower Upper

139 100

109 175.8 130.0 170.0#

65 137.8 130.0 170.0



#56

2,4-Dinitrotoluene

Concen: 46.558 ng

RT: 15.15 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Tgt Ion:165 Resp: 47844

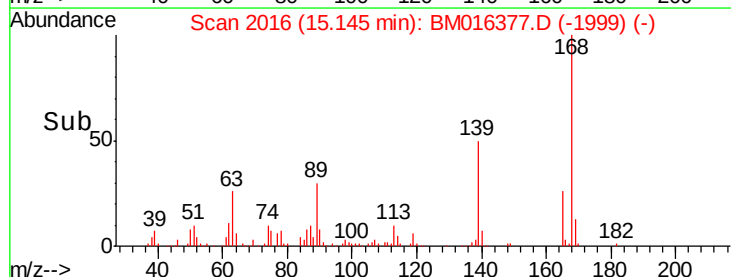
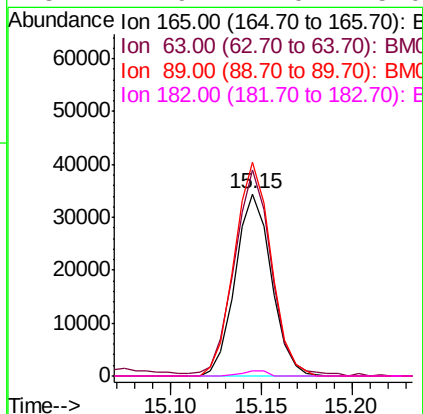
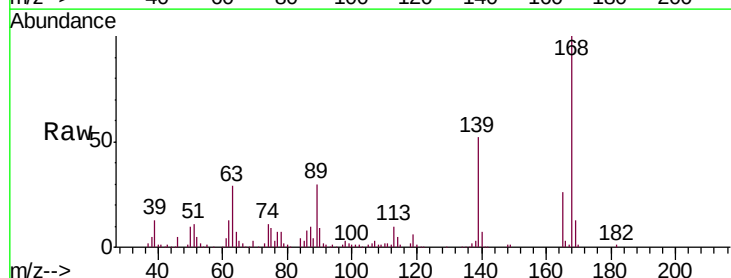
Ion Ratio Lower Upper

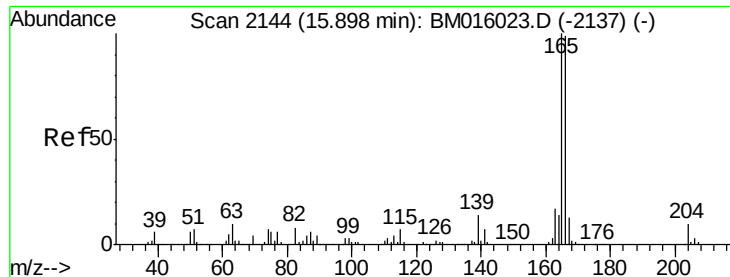
165 100

63 113.1 52.4 78.6#

89 117.4 72.4 108.6#

182 2.9 2.0 3.0





#57

Fluorene

Concen: 46.817 ng

RT: 15.80 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

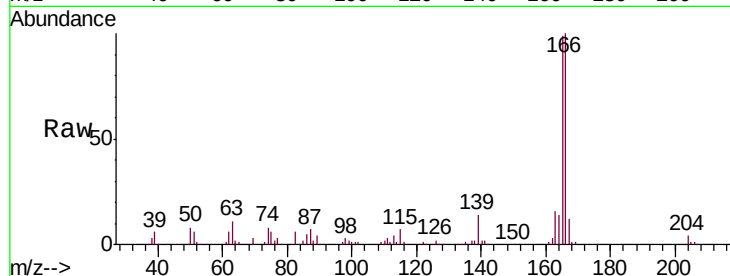
Tgt Ion:166 Resp: 147876

Ion Ratio Lower Upper

166 100

165 99.3 79.0 118.4

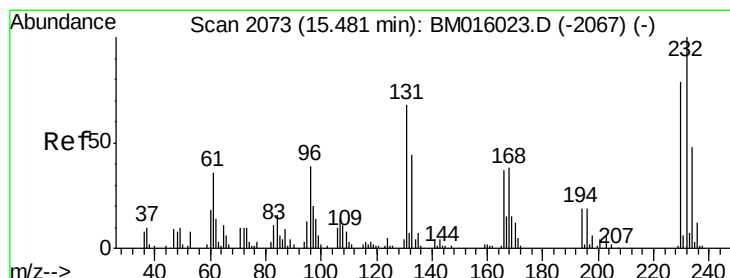
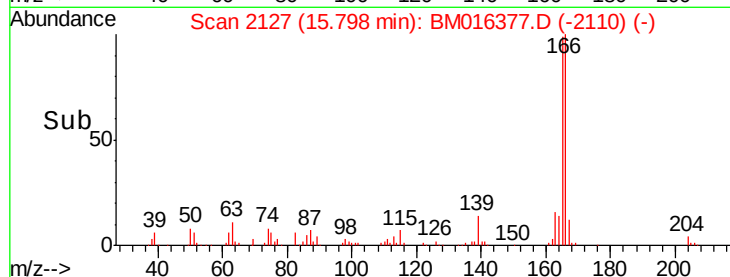
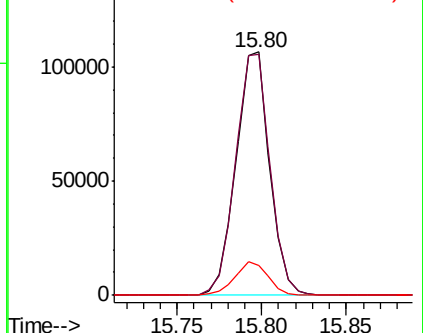
167 12.2 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.051 ng

RT: 15.38 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Tgt Ion:232 Resp: 38579

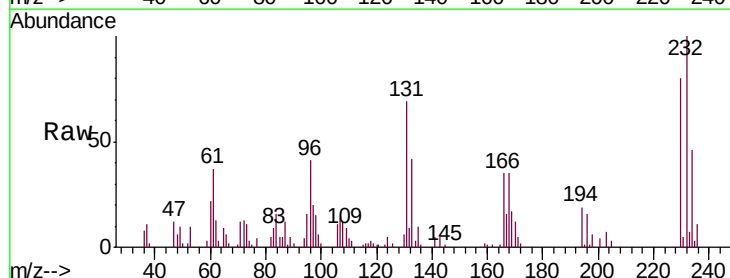
Ion Ratio Lower Upper

232 100

131 69.3 0.0 0.0#

130 5.0 0.0 0.0#

166 36.4 0.0 0.0#

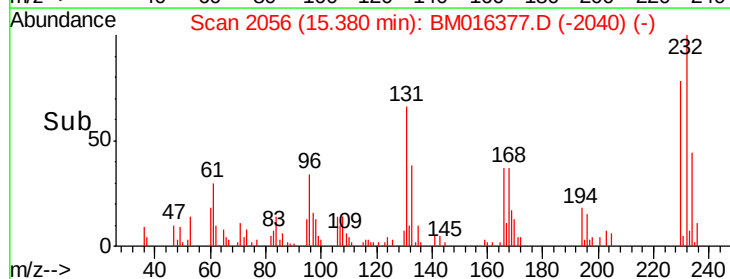
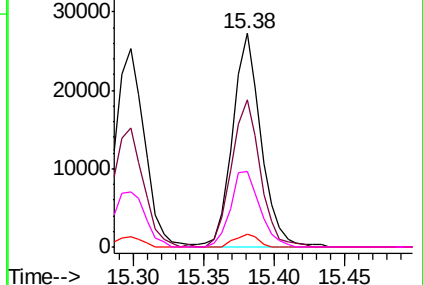


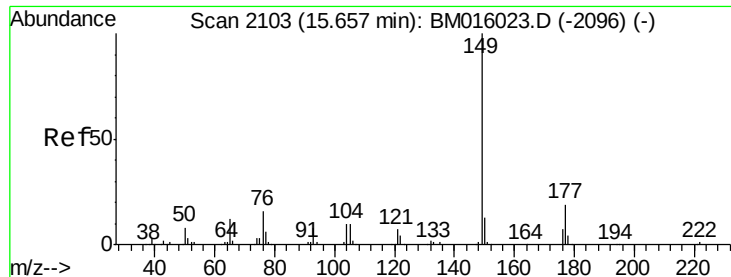
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

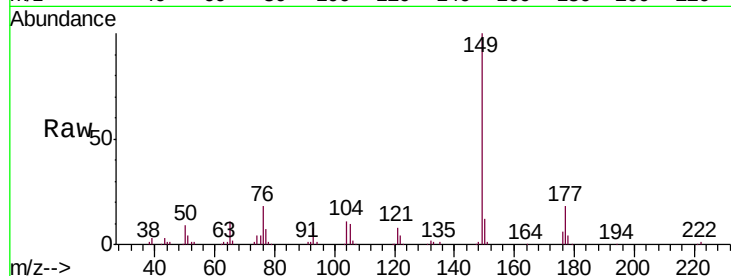




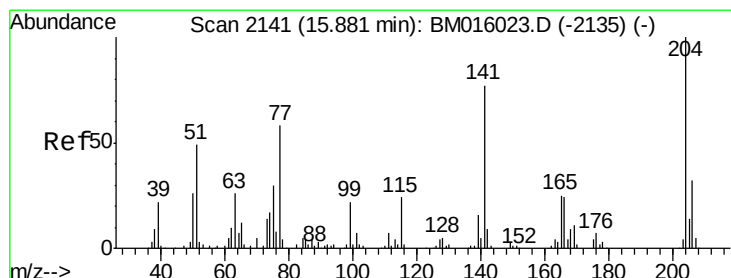
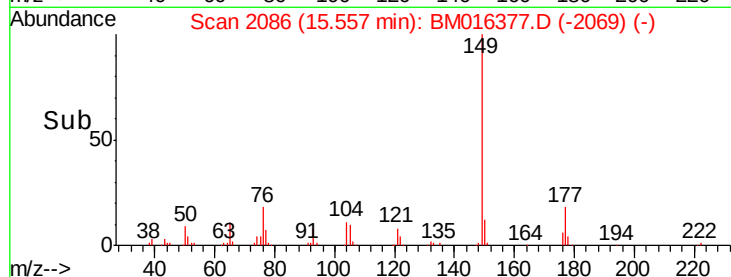
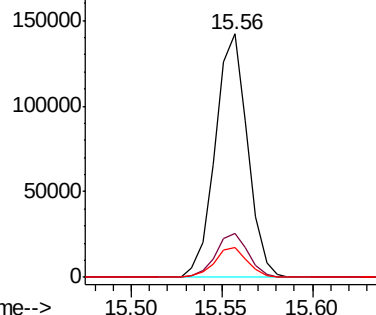
#59
Diethylphthalate
Concen: 45.542 ng
RT: 15.56 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Instrument :
BNA_M
ClientSampleId :
PB112015BS

Tgt Ion:149 Resp: 175339
Ion Ratio Lower Upper
149 100
177 18.1 18.3 27.5#
150 12.2 9.8 14.8

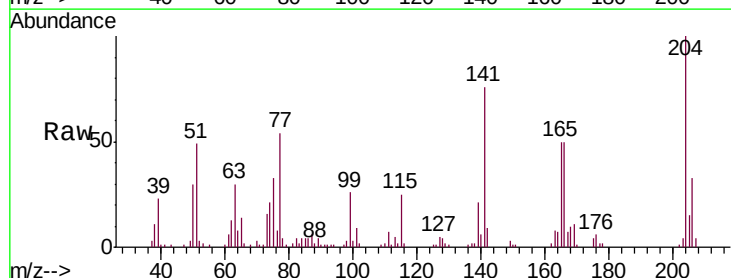


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

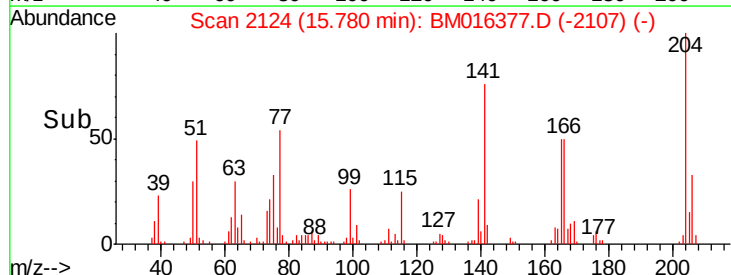
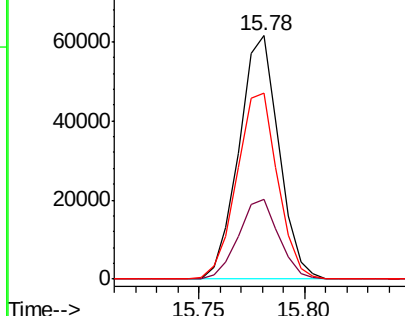


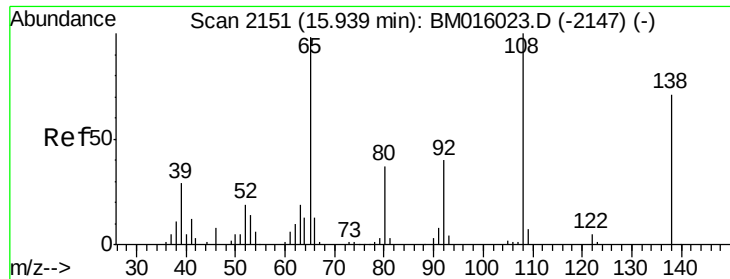
#60
4-Chlorophenyl-phenylether
Concen: 45.814 ng
RT: 15.78 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion:204 Resp: 80558
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 76.4 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: 38.517 ng

RT: 15.85 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

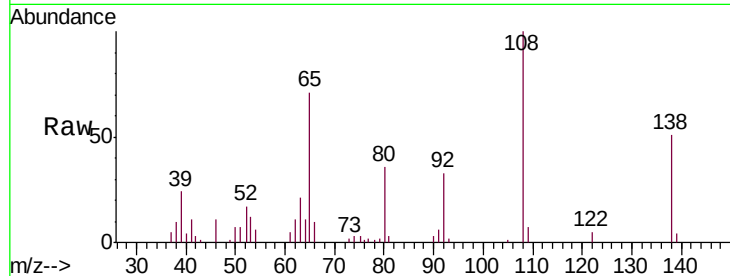
Tgt Ion:138 Resp: 28687

Ion Ratio Lower Upper

138 100

92 65.0 16.7 56.7#

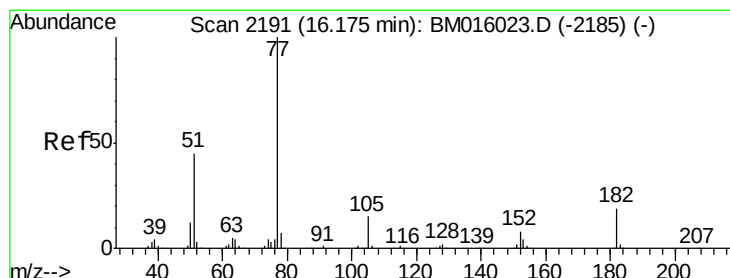
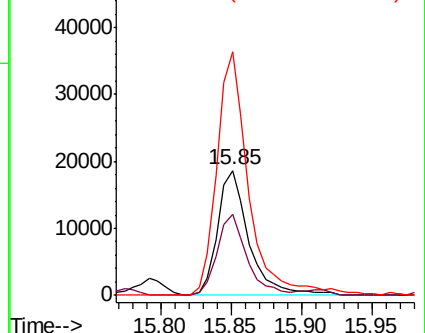
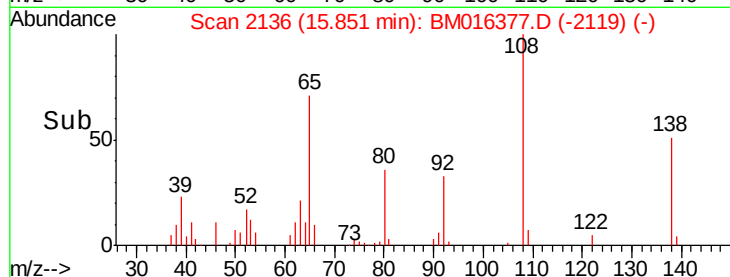
108 195.5 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.147 ng

RT: 16.07 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Tgt Ion: 77 Resp: 199274

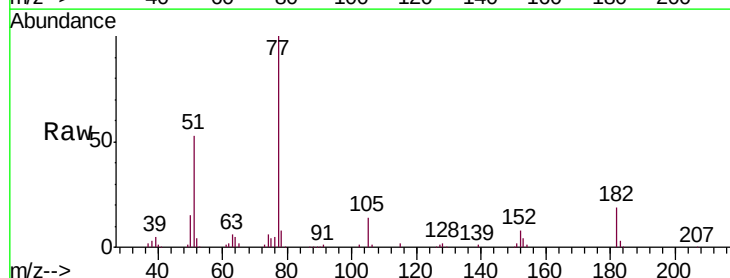
Ion Ratio Lower Upper

77 100

182 19.0 6.5 46.5

105 14.3 3.8 43.8

51 53.1 5.5 45.5#

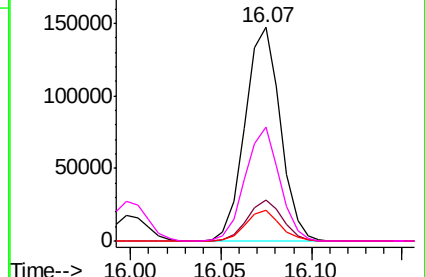
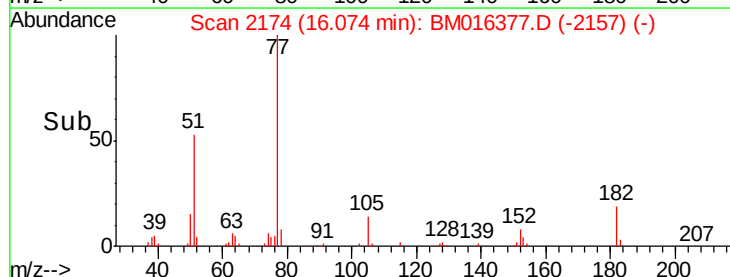


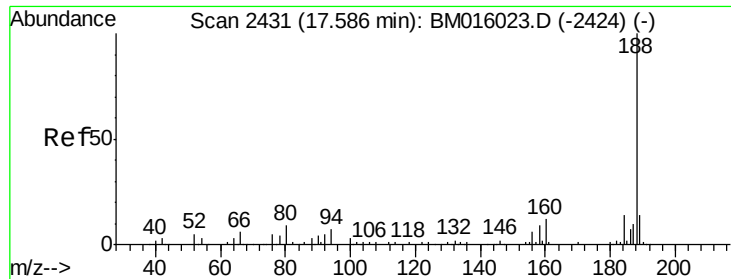
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

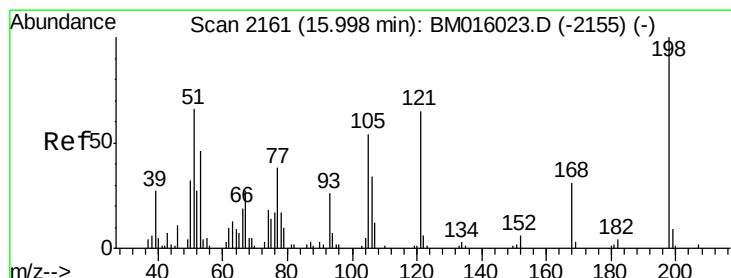
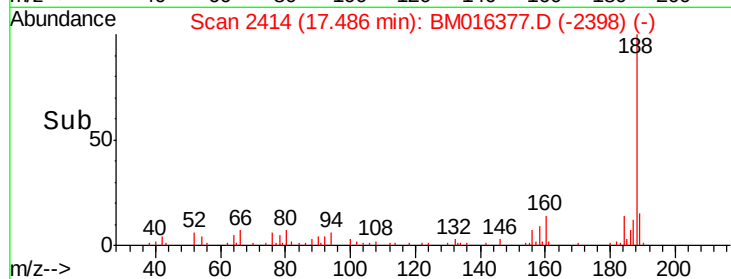
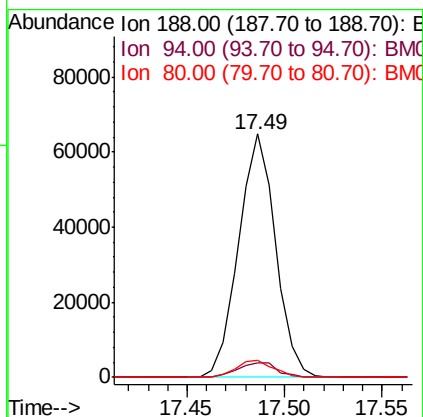
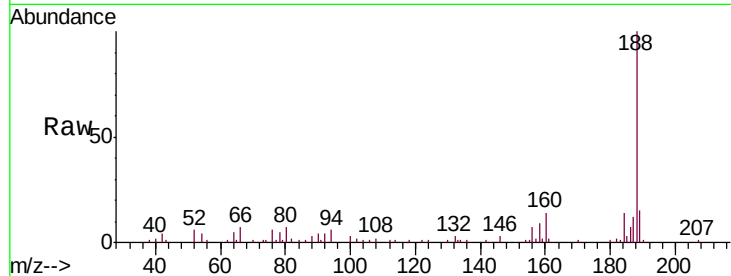




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

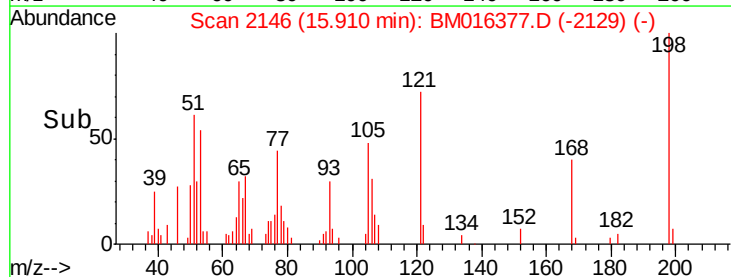
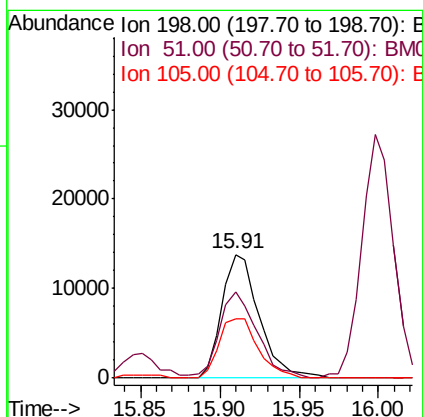
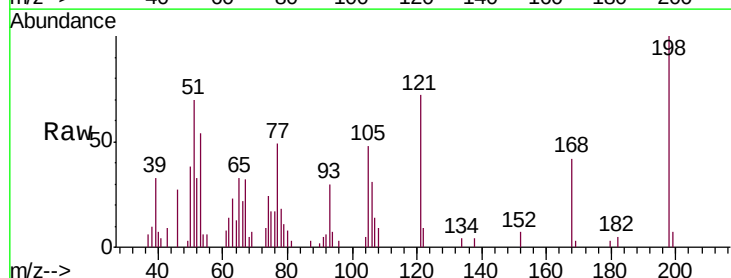
Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

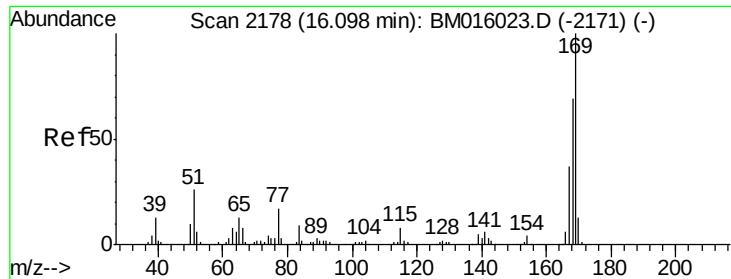
Tgt Ion:188 Resp: 84835
 Ion Ratio Lower Upper
 188 100
 94 6.0 8.7 13.1#
 80 7.2 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.863 ng
 RT: 15.91 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion:198 Resp: 22586
 Ion Ratio Lower Upper
 198 100
 51 70.3 28.8 68.8#
 105 47.7 30.5 70.5

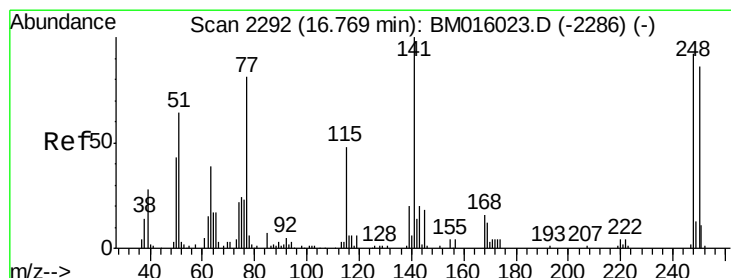
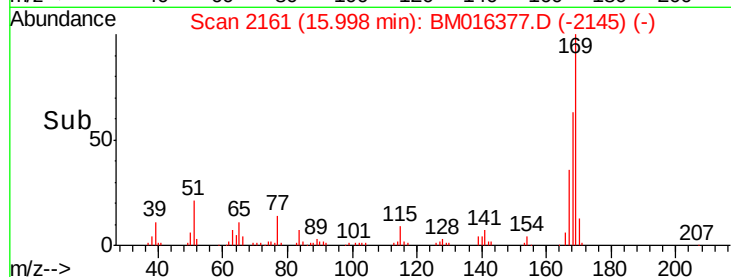
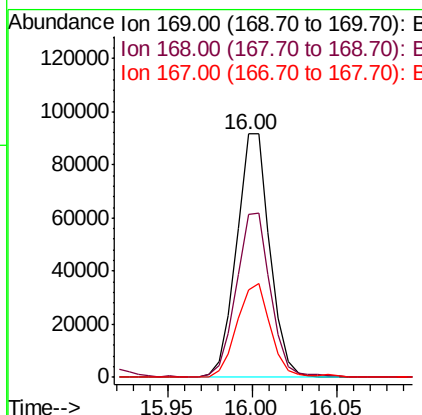
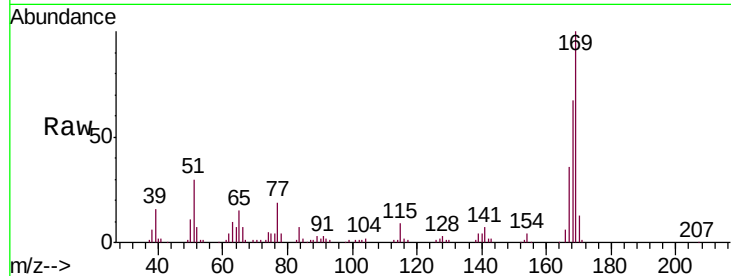




#65
 n-Nitrosodiphenylamine
 Concen: 44.855 ng
 RT: 16.00 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

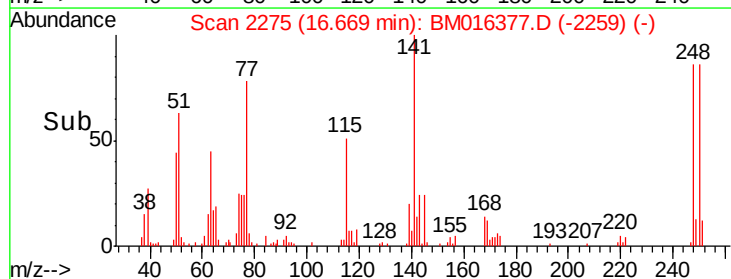
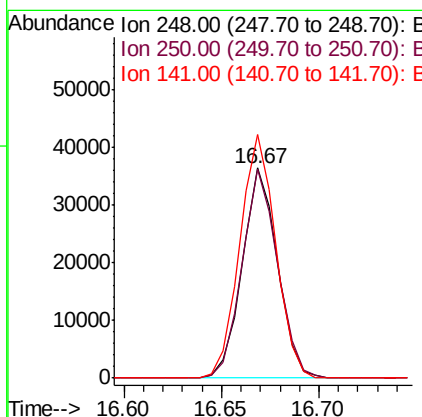
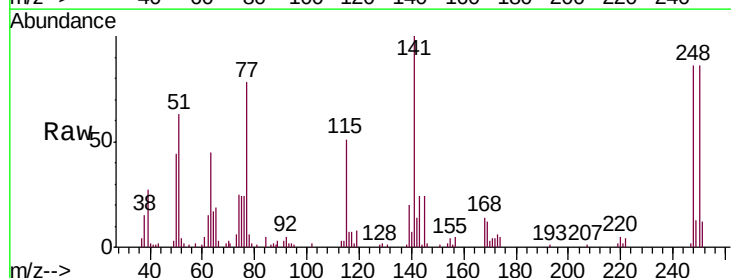
Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

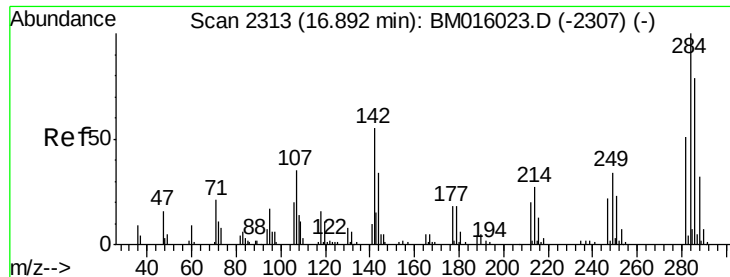
Tgt Ion:169 Resp: 125301
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.9 80.9
 167 36.0 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 47.377 ng
 RT: 16.67 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion:248 Resp: 45512
 Ion Ratio Lower Upper
 248 100
 250 99.8 77.4 116.0
 141 116.0 45.2 67.8#

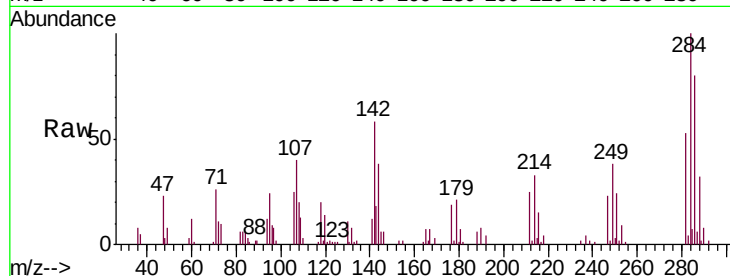




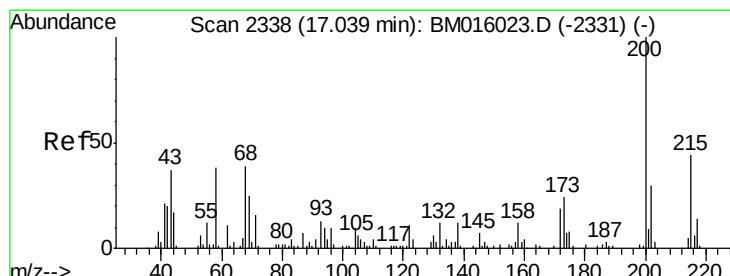
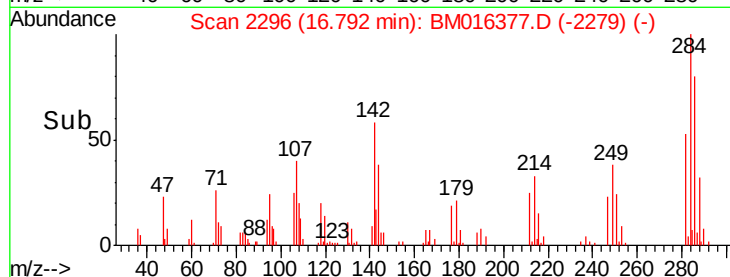
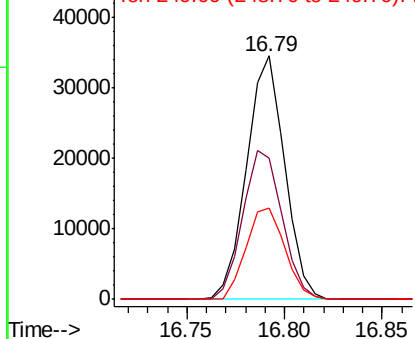
#67
Hexachlorobenzene
Concen: 44.141 ng
RT: 16.79 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Instrument :
BNA_M
ClientSampleId :
PB112015BS

Tgt Ion:284 Resp: 46696
Ion Ratio Lower Upper
284 100
142 58.2 20.4 30.6#
249 37.7 23.8 35.6#

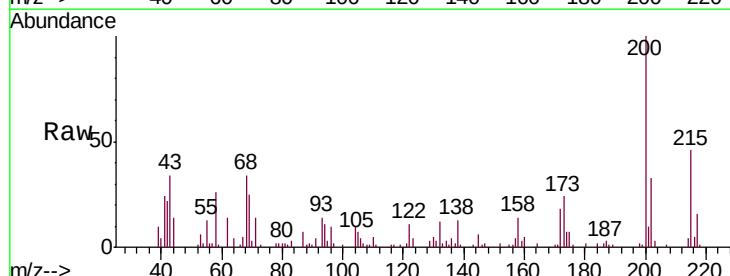


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

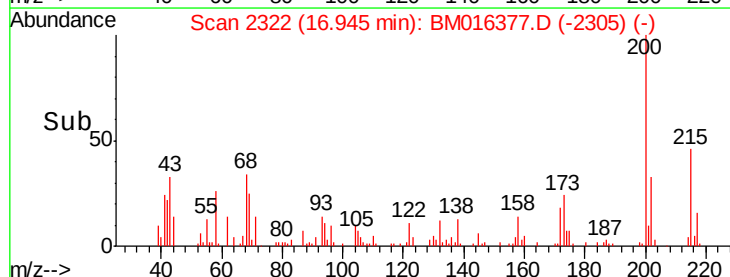
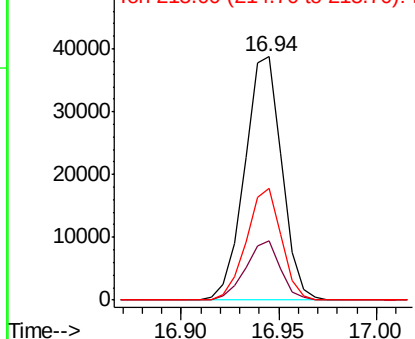


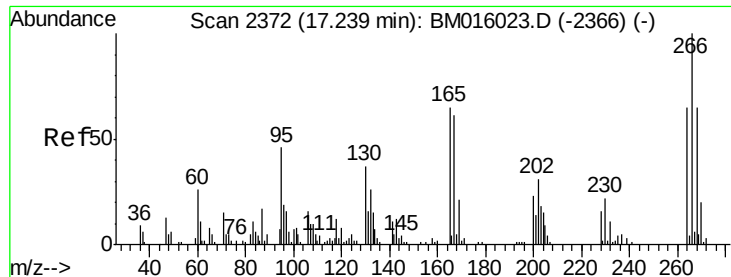
#68
Atrazine
Concen: 50.786 ng
RT: 16.94 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion:200 Resp: 50847
Ion Ratio Lower Upper
200 100
173 24.5 4.8 44.8
215 46.0 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: 72.468 ng

RT: 17.14 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

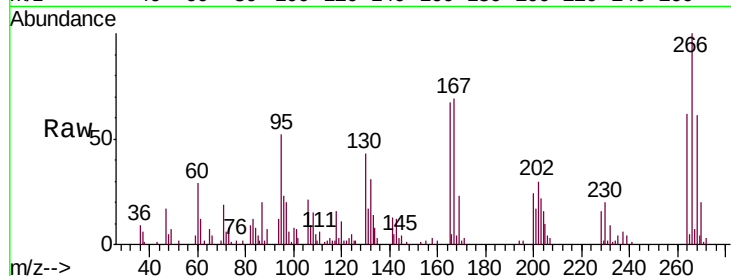
Tgt Ion:266 Resp: 47471

Ion Ratio Lower Upper

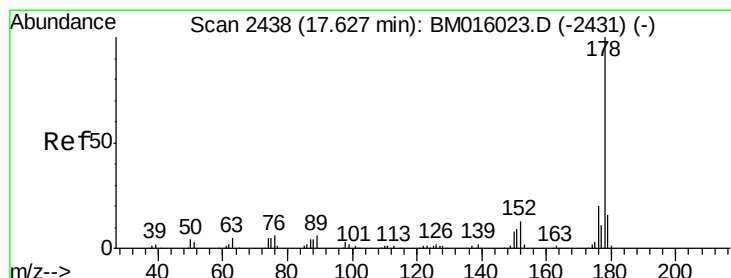
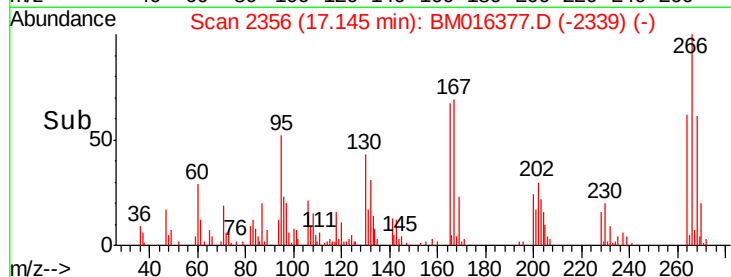
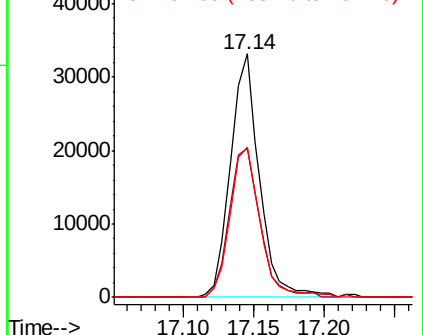
266 100

268 61.1 52.0 78.0

264 61.9 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: 47.106 ng

RT: 17.53 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

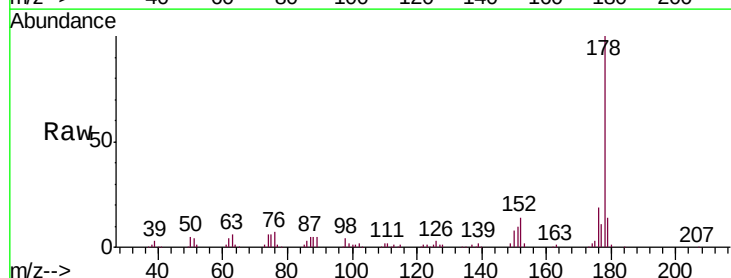
Tgt Ion:178 Resp: 223734

Ion Ratio Lower Upper

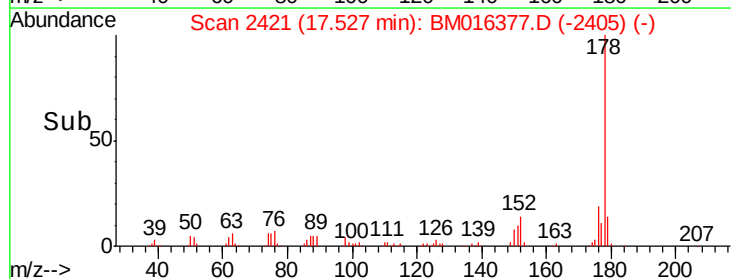
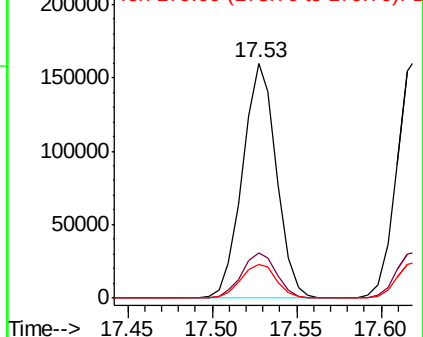
178 100

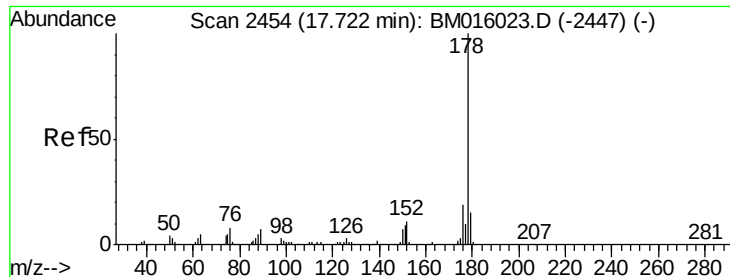
176 19.5 15.2 22.8

179 14.3 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

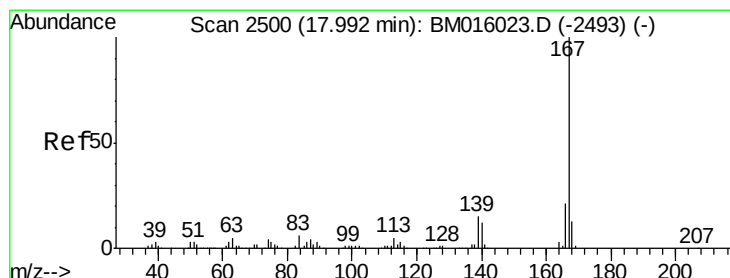
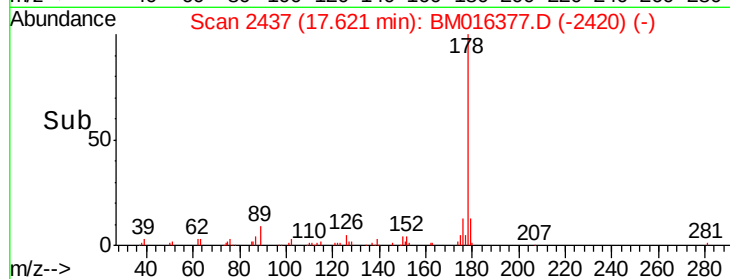
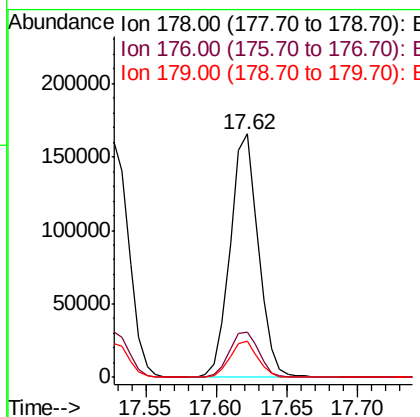
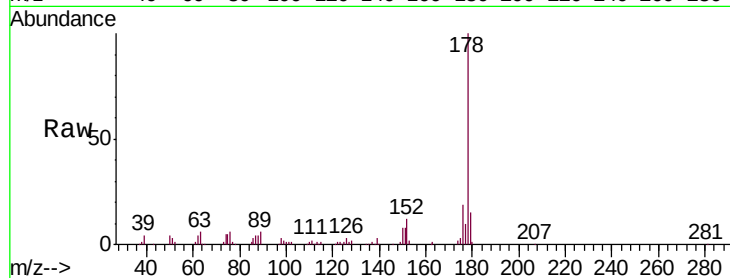




#71
 Anthracene
 Concen: 49.754 ng
 RT: 17.62 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

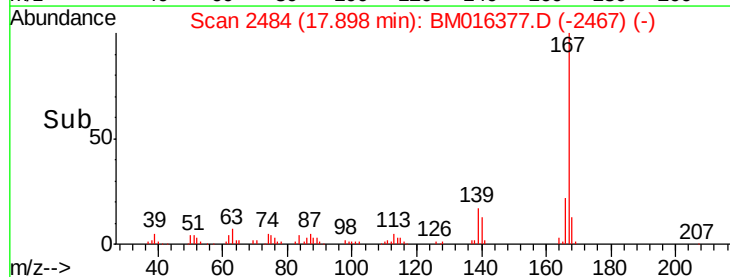
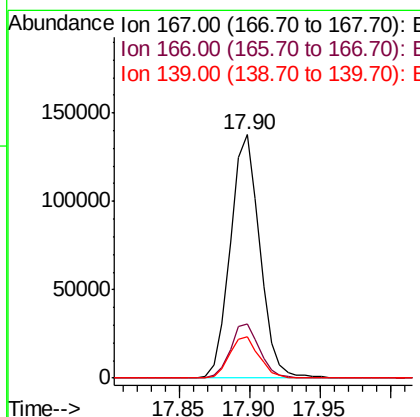
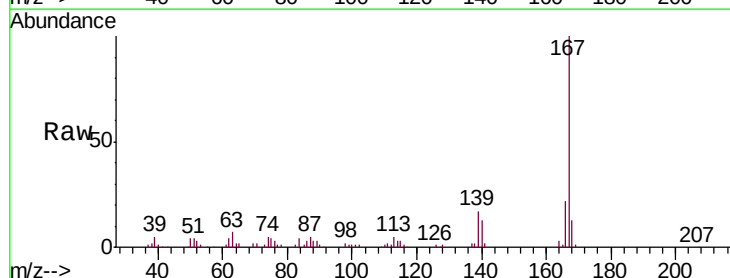
Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

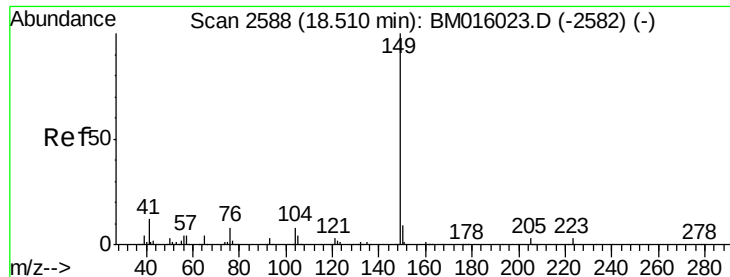
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	14.9	12.6	19.0



#72
 Carbazole
 Concen: 41.954 ng
 RT: 17.90 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.2	25.8
139	17.1	10.8	16.2#

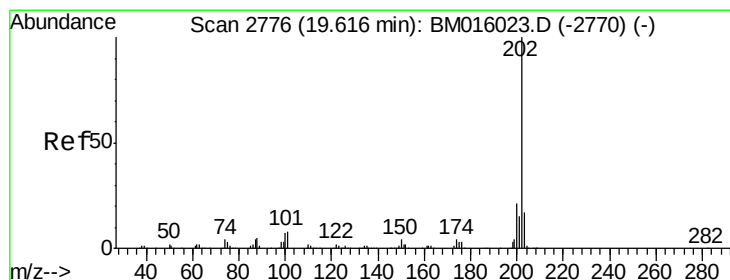
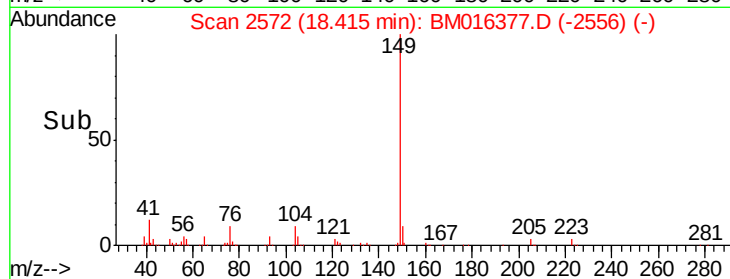
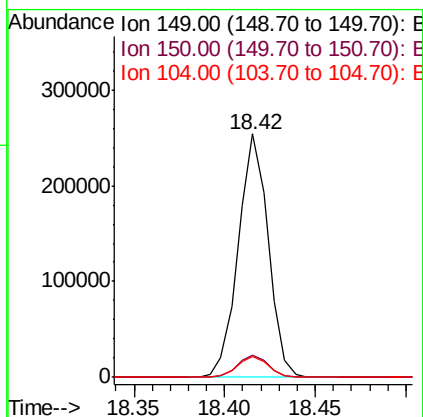
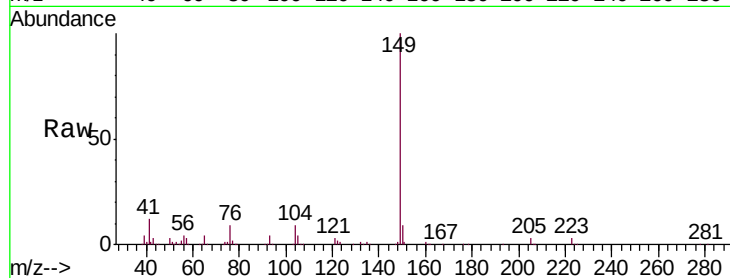




#73
Di-n-butylphthalate
Concen: 48.842 ng
RT: 18.42 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

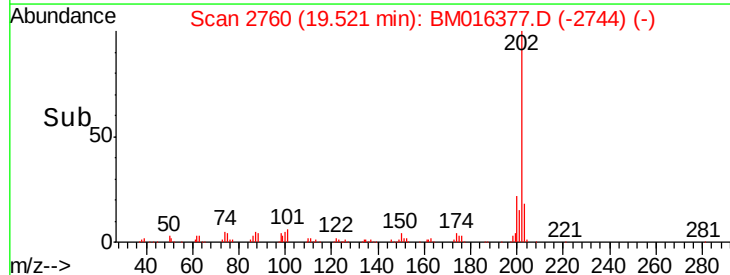
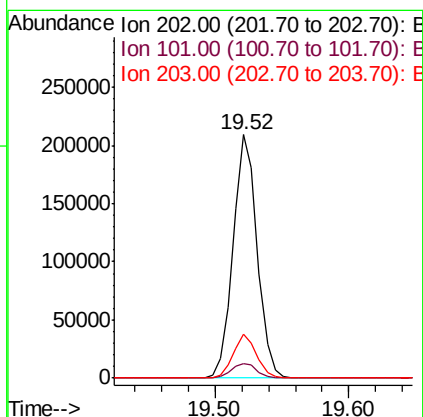
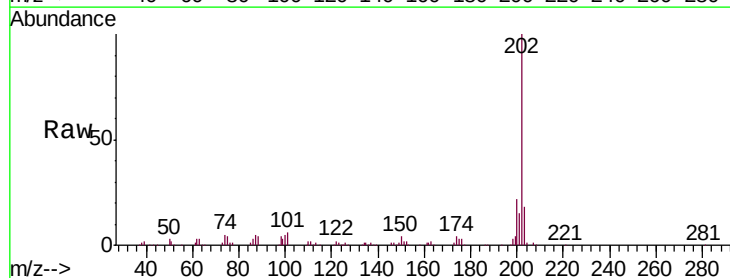
Instrument :
BNA_M
ClientSampleId :
PB112015BS

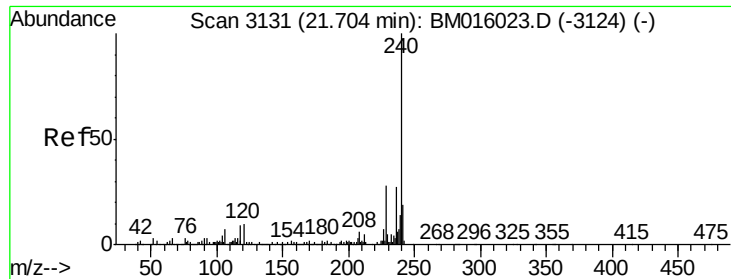
Tgt Ion:149 Resp: 291049
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 8.5 3.7 5.5#



#74
Fluoranthene
Concen: 49.743 ng
RT: 19.52 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion:202 Resp: 263542
Ion Ratio Lower Upper
202 100
101 6.1 0.0 28.7
203 18.1 0.0 37.2

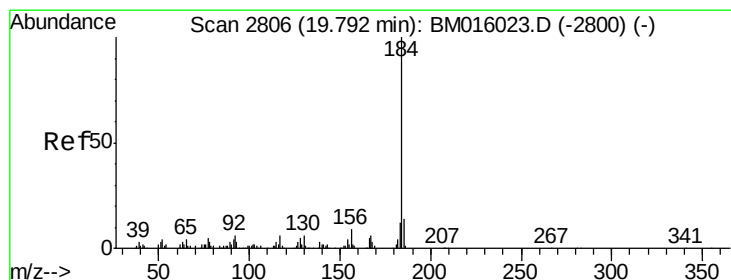
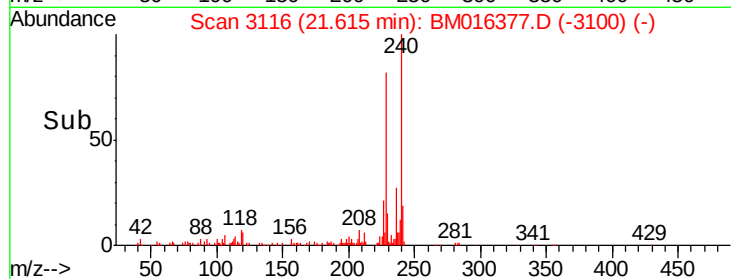
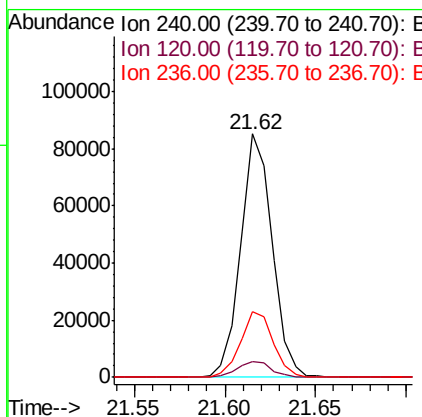
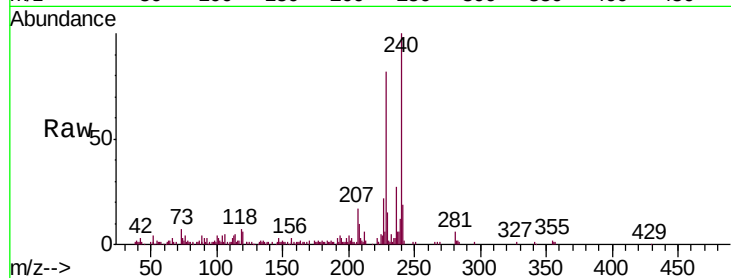




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.62 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

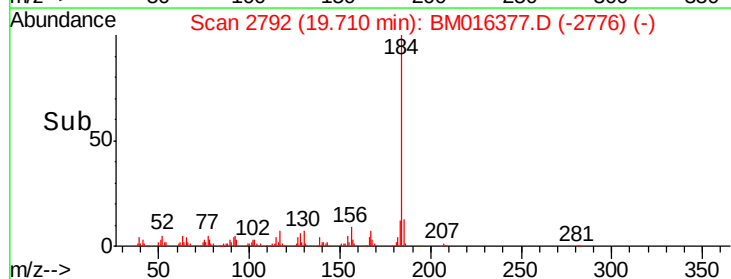
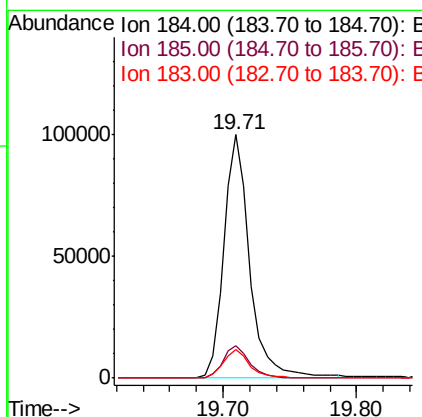
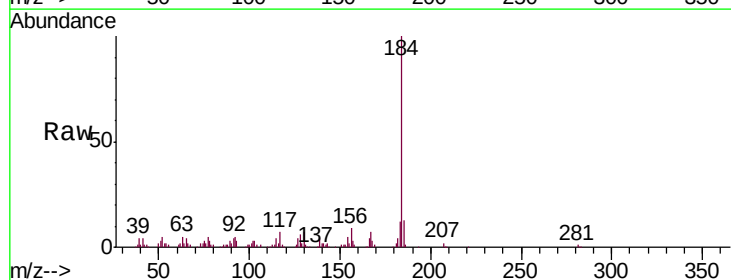
Instrument :
BNA_M
ClientSampleId :
PB112015BS

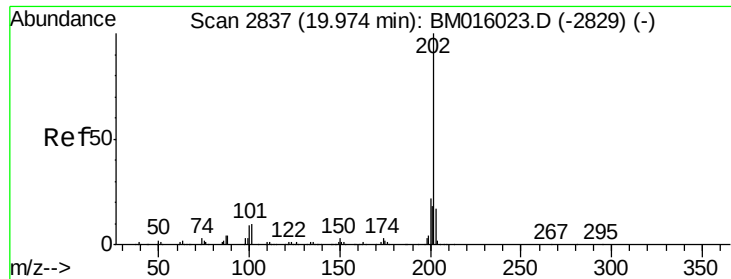
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	8.2	12.2#
236	26.9	20.0	30.0



#76
Benzidine
Concen: 47.509 ng
RT: 19.71 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.1	11.3	16.9
183	11.6	8.9	13.3

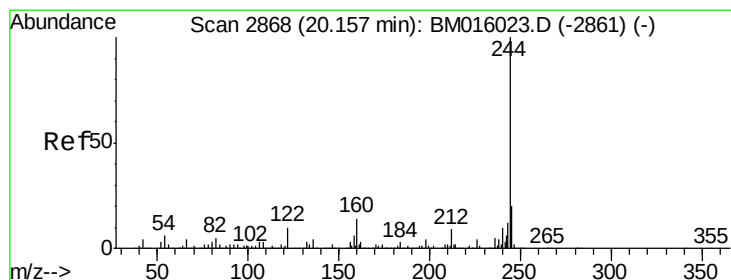
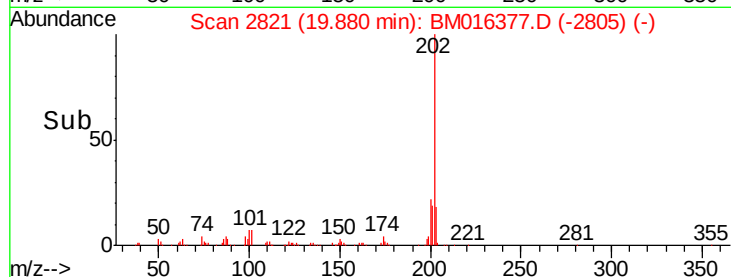
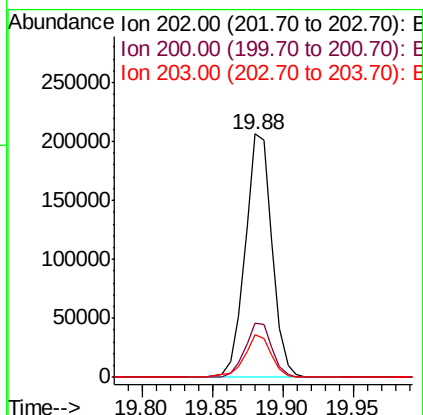
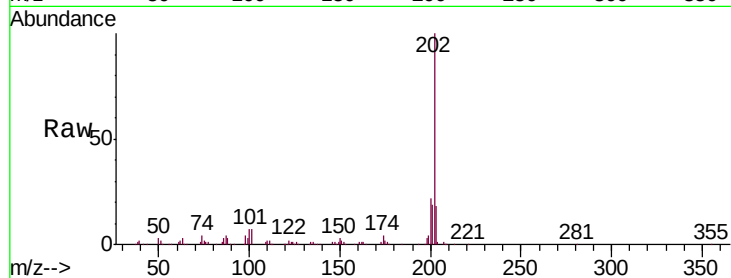




#77
 Pyrene
 Concen: 44.386 ng
 RT: 19.88 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

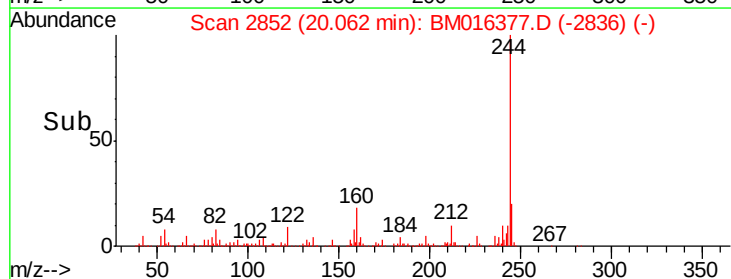
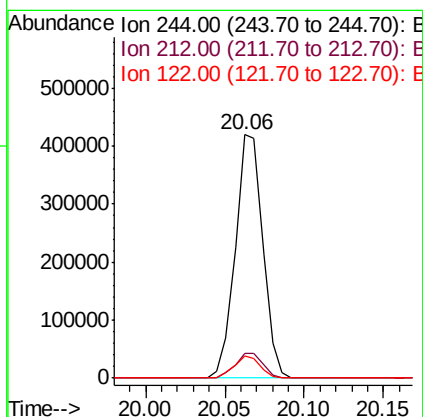
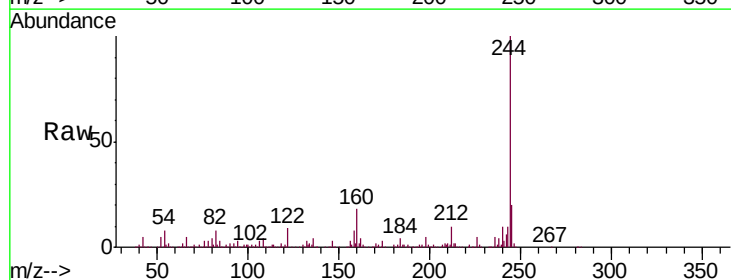
Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

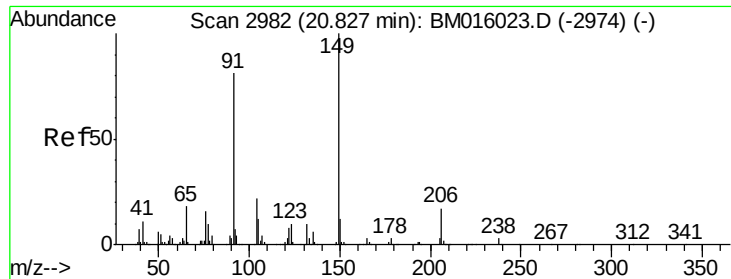
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	17.6	14.1	21.1



#78
 Terphenyl-d14
 Concen: 44.386 ng
 RT: 20.06 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.4	4.9	7.3#
122	9.3	6.2	9.4

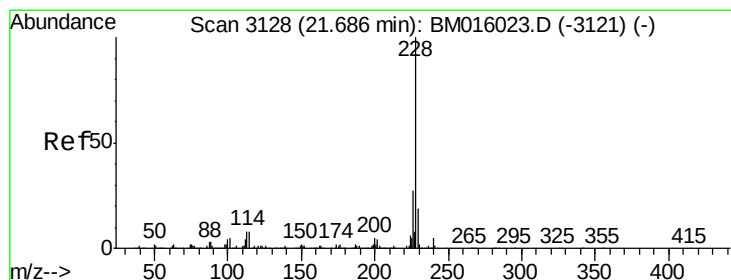
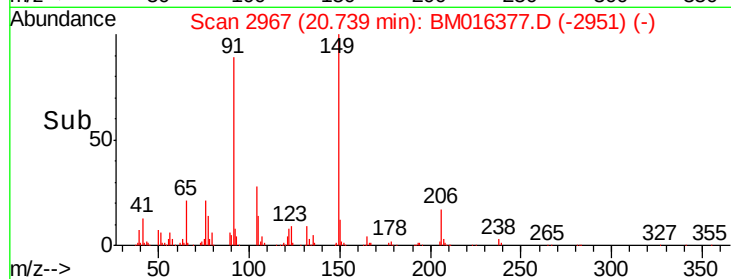
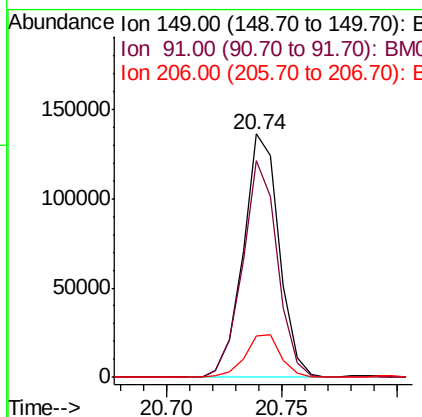
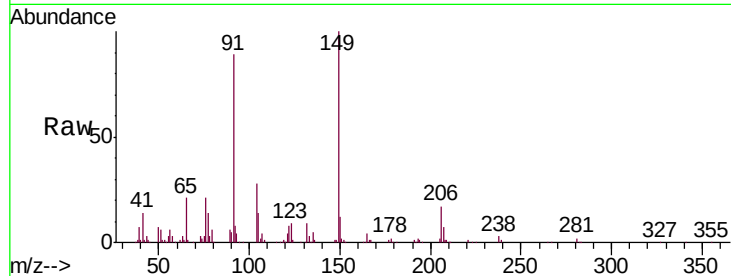




#79
Butylbenzylphthalate
Concen: 47.412 ng
RT: 20.74 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

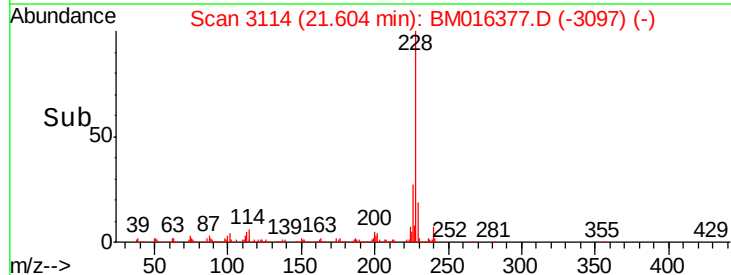
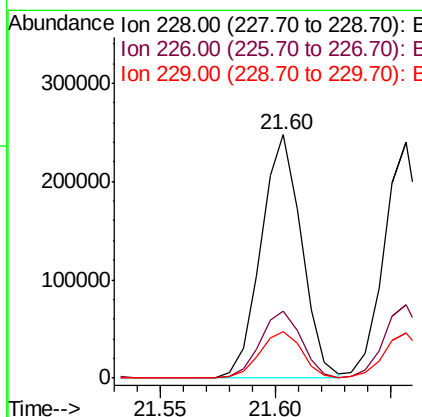
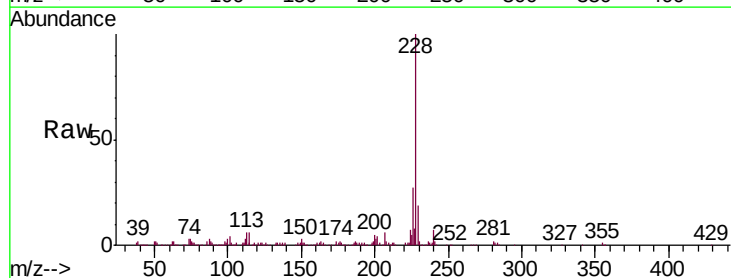
Instrument :
BNA_M
ClientSampleId :
PB112015BS

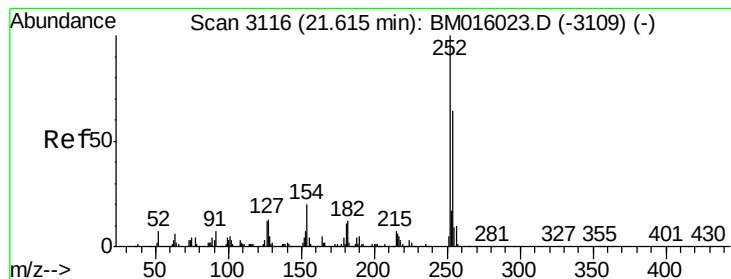
Tgt Ion:149 Resp: 148619
Ion Ratio Lower Upper
149 100
91 89.1 50.1 75.1#
206 17.1 16.2 24.2



#80
Benzo(a)anthracene
Concen: 47.650 ng
RT: 21.60 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion:228 Resp: 302189
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.1 16.0 24.0

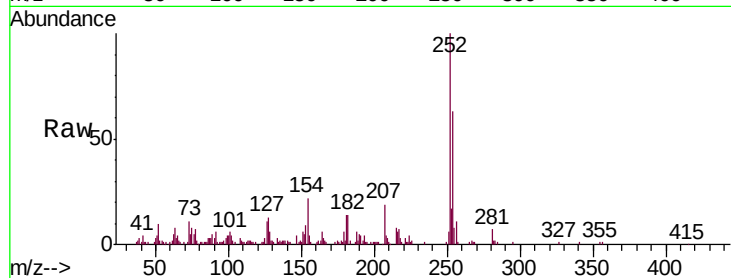




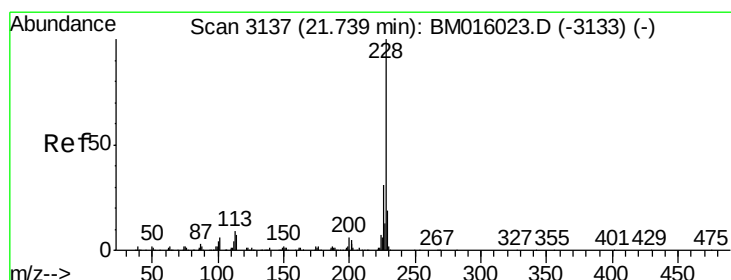
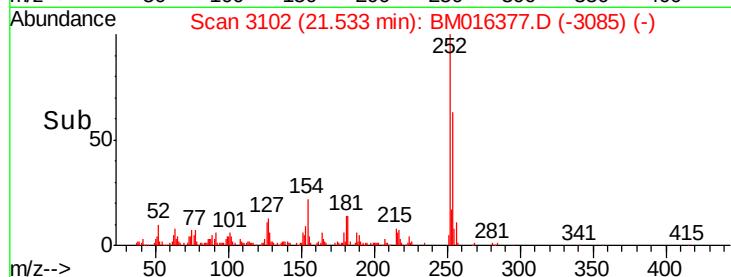
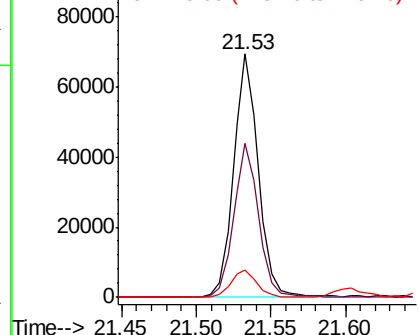
#81
 3,3'-Dichlorobenzidine
 Concen: 31.731 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Instrument :
 BNA_M
 ClientSampleId :
 PB112015BS

Tgt Ion: 252 Resp: 81055
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.9 77.9
 126 11.1 9.8 14.8

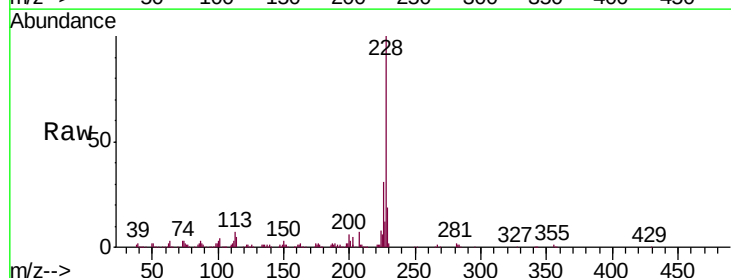


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

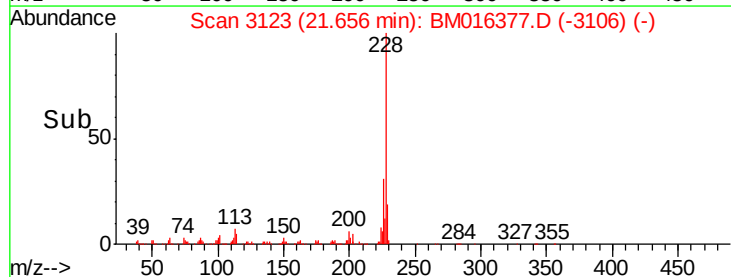
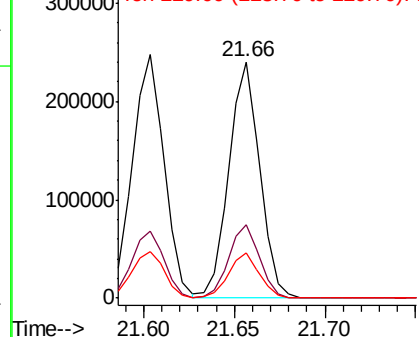


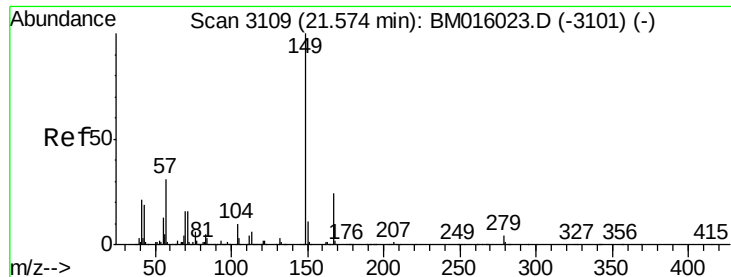
#82
 Chrysene
 Concen: 46.765 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BM016377.D
 Acq: 15 Aug 2018 13:06

Tgt Ion: 228 Resp: 284491
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.1 36.1
 229 19.4 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.148 ng

RT: 21.49 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

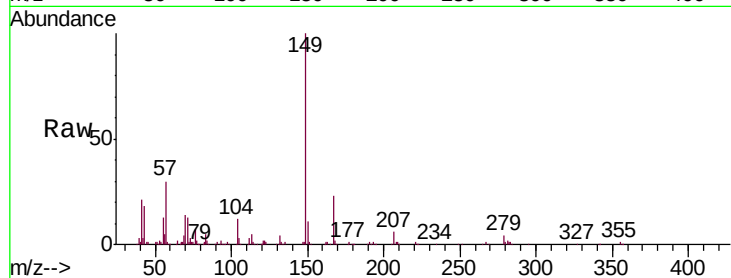
Tgt Ion:149 Resp: 214189

Ion Ratio Lower Upper

149 100

167 22.8 22.4 33.6

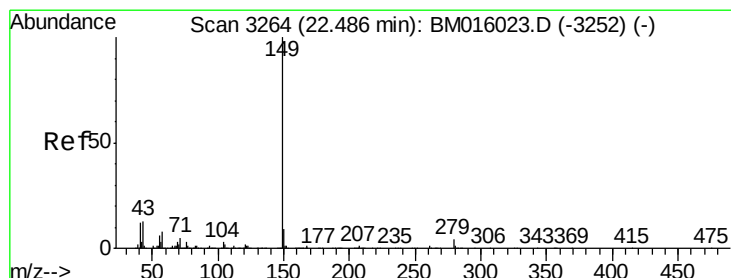
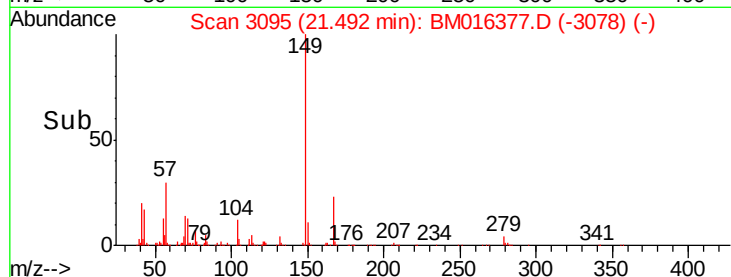
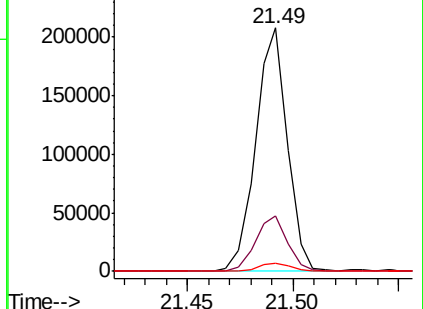
279 3.6 3.4 5.0



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: 49.286 ng

RT: 22.39 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

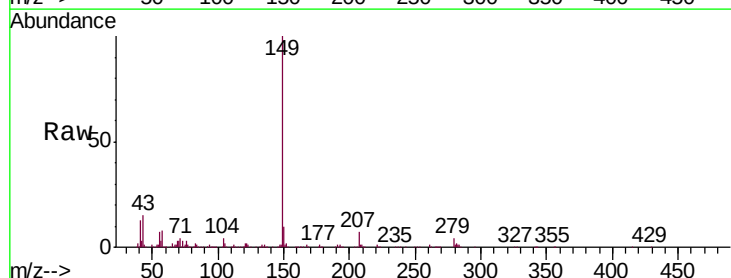
Tgt Ion:149 Resp: 376313

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

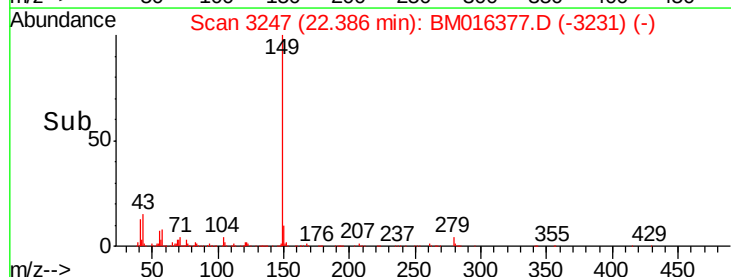
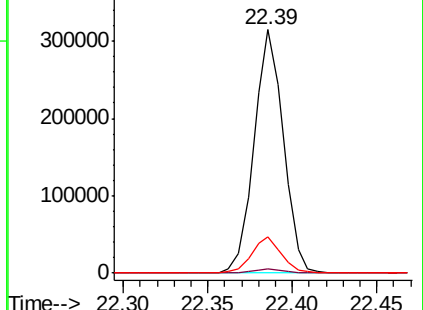
43 14.8 7.3 10.9#

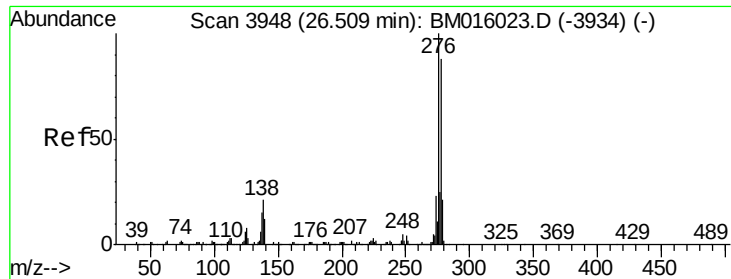


Abundance Ion 149.00 (148.70 to 149.70): E

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: 49.015 ng

RT: 26.33 min Scan# 3917

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

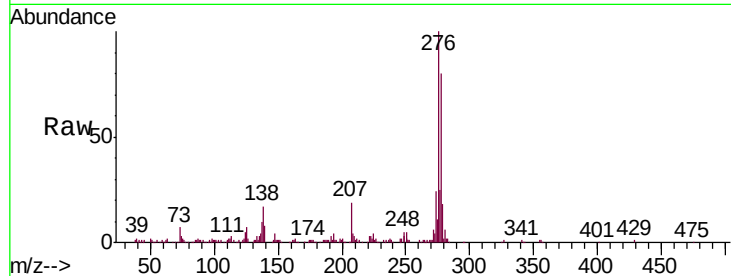
Tgt Ion:276 Resp: 353840

Ion Ratio Lower Upper

276 100

138 16.5 12.0 18.0

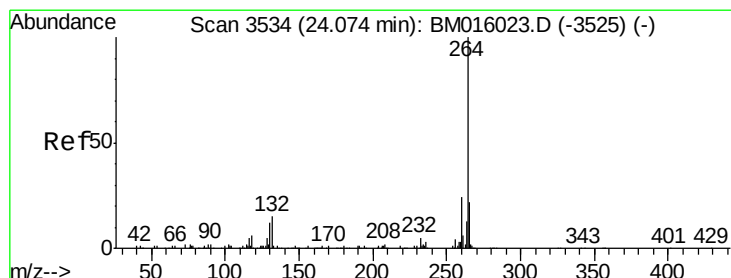
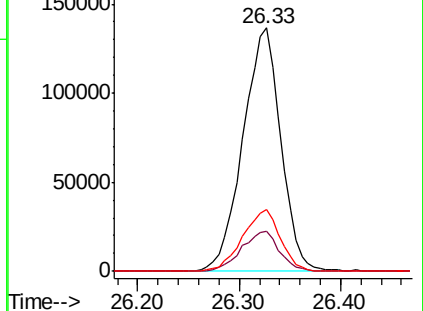
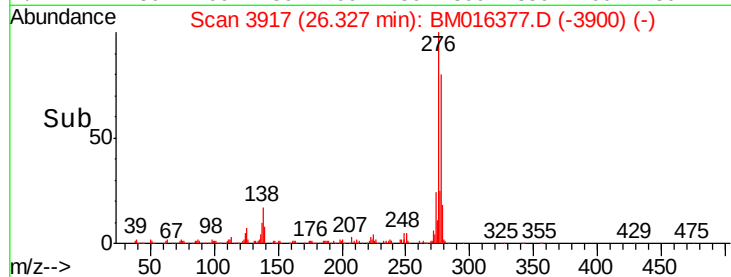
277 25.2 20.0 30.0



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: 23.94 min Scan# 3512

Delta R.T. 0.00 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

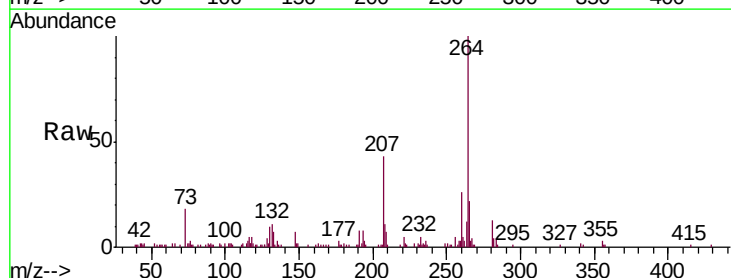
Tgt Ion:264 Resp: 102498

Ion Ratio Lower Upper

264 100

260 25.8 18.6 27.8

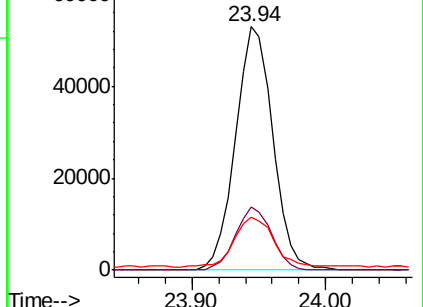
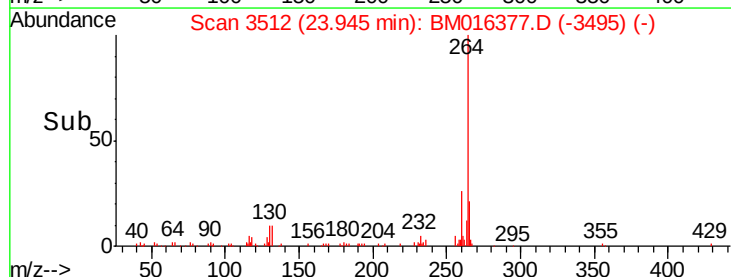
265 21.9 17.3 25.9

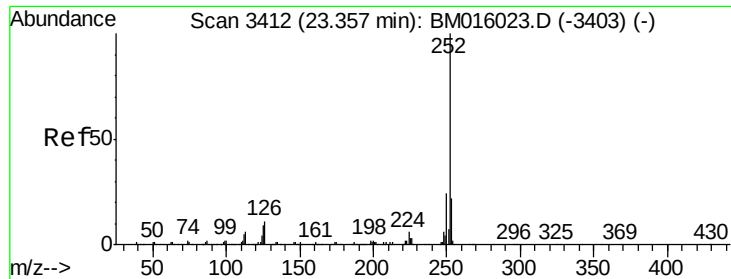


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

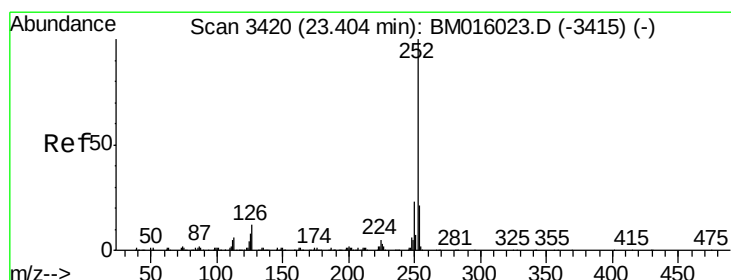
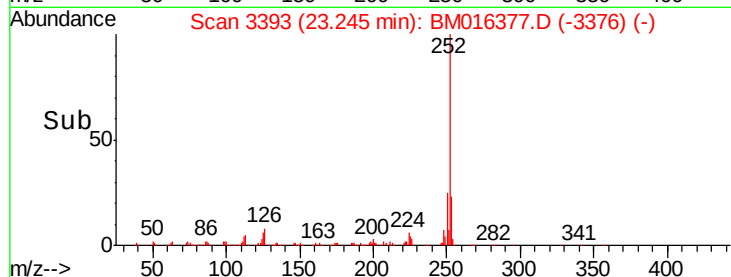
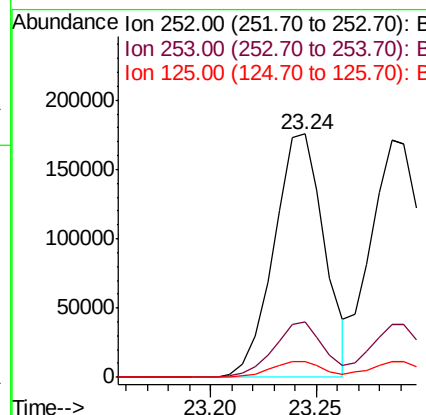
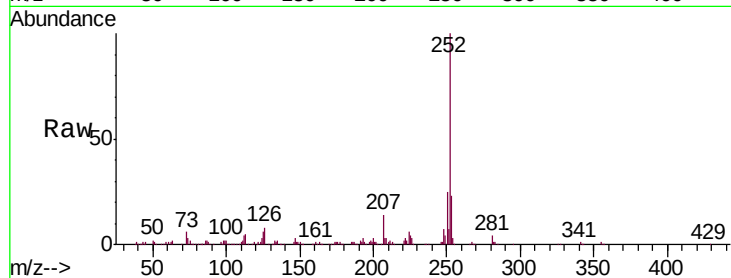




#87
Benzo(b)fluoranthene
Concen: 48.500 ng
RT: 23.24 min Scan# 3393
Delta R.T. 0.00 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

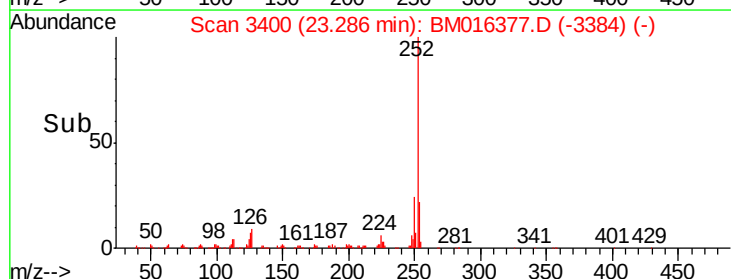
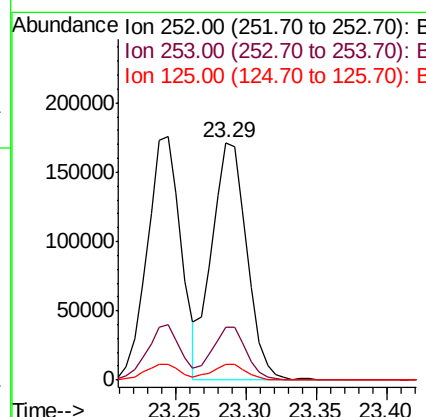
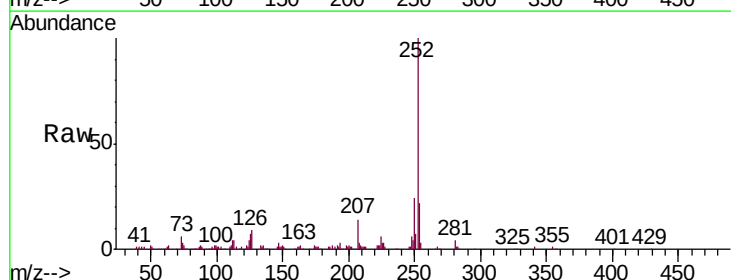
Instrument :
BNA_M
ClientSampleId :
PB112015BS

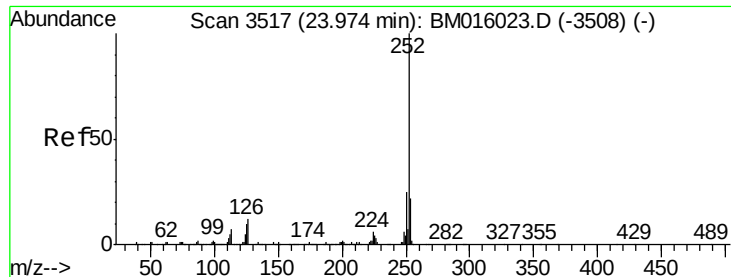
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	6.3	9.9	14.9



#88
Benzo(k)fluoranthene
Concen: 47.780 ng
RT: 23.29 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM016377.D
Acq: 15 Aug 2018 13:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	6.7	8.1	12.1





#89

Benzo(a)pyrene

Concen: 49.847 ng

RT: 23.84 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

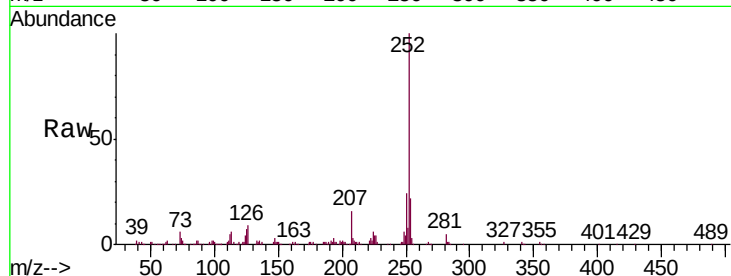
Tgt Ion:252 Resp: 289186

Ion Ratio Lower Upper

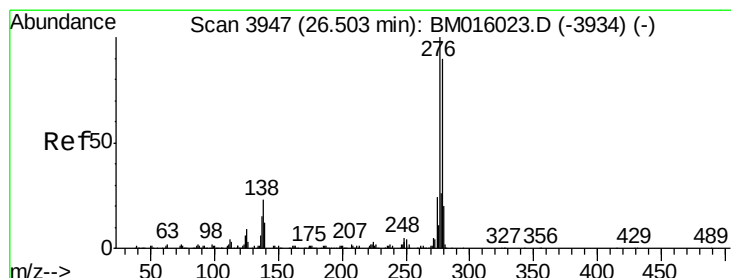
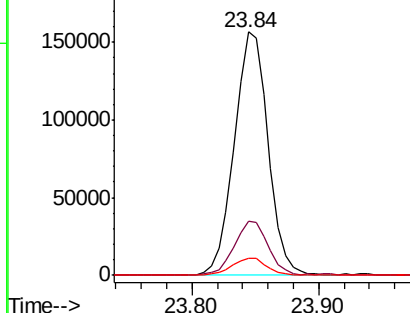
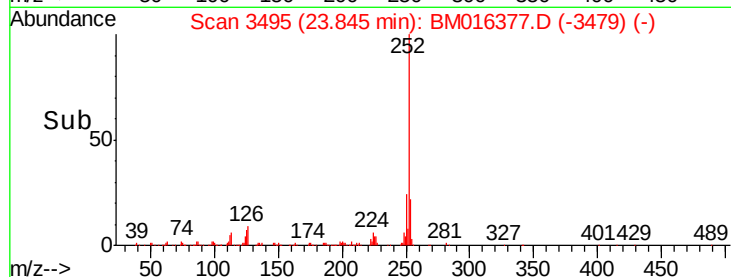
252 100

253 22.2 17.6 26.4

125 7.1 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: 50.008 ng

RT: 26.32 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

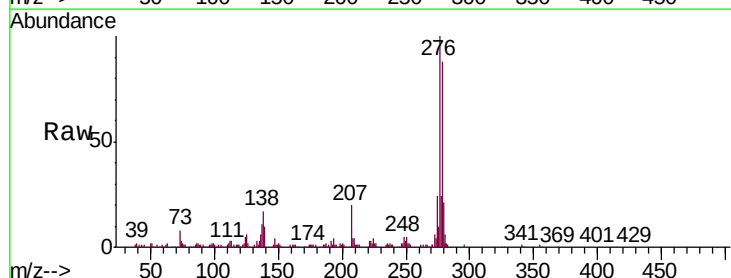
Tgt Ion:278 Resp: 300590

Ion Ratio Lower Upper

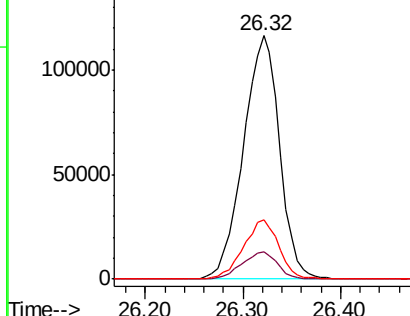
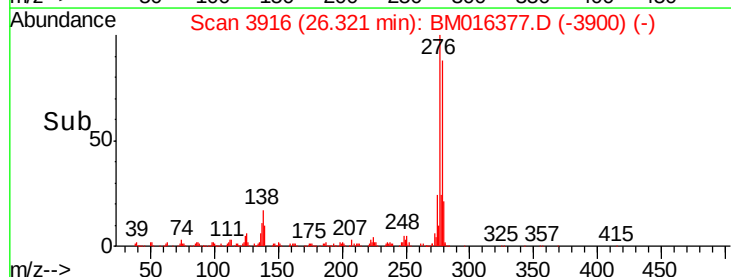
278 100

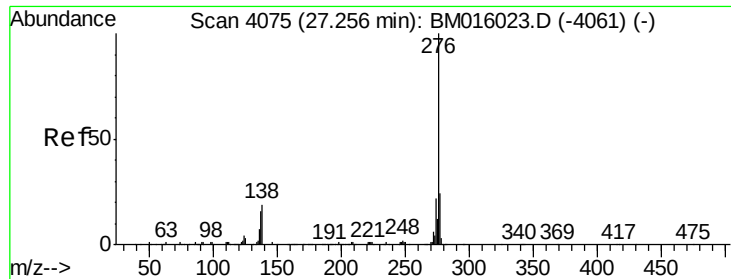
139 11.2 13.4 20.0#

279 24.3 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(g,h,i)perylene

Concen: 48.560 ng

RT: 27.05 min Scan# 4040

Delta R.T. -0.01 min

Lab File: BM016377.D

Acq: 15 Aug 2018 13:06

Instrument :

BNA_M

ClientSampleId :

PB112015BS

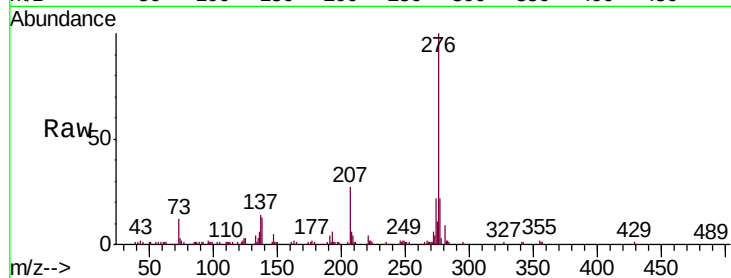
Tgt Ion: 276 Resp: 276064

Ion Ratio Lower Upper

276 100

277 21.8 18.5 27.7

138 12.6 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

120000 Ion 277.00 (276.70 to 277.70): E

100000 Ion 138.00 (137.70 to 138.70): E

