

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081518\
 Data File : BM016378.D
 Acq On : 15 Aug 2018 13:43
 Operator : SJ/JU
 Sample : PB112017BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

Quant Time: Aug 16 01:27:27 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	19650	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	74708	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	37251	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	76533	20.00	ng	0.00
75) Chrysene-d12	21.62	240	89344	20.00	ng	0.00
86) Perylene-d12	23.94	264	94065	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	165047	139.52	ng	0.00
7) Phenol-d6	7.29	99	188176	121.81	ng	0.00
23) Nitrobenzene-d5	9.30	82	148203	92.27	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	59221	125.35	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	297336	97.12	ng	0.00
78) Terphenyl-d14	20.07	244	442477	103.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	27844	50.238	ng	# 100
3) Pyridine	3.88	79	59605	44.642	ng	# 68
4) n-Nitrosodimethylamine	3.79	42	65431	62.830	ng	# 27
6) Aniline	7.44	93	53726	30.205	ng	# 86
8) 2-Chlorophenol	7.67	128	61756	43.926	ng	# 97
9) Benzaldehyde	7.26	77	28863	26.592	ng	# 82
10) Phenol	7.31	94	64622	41.834	ng	# 88
11) bis(2-Chloroethyl)ether	7.53	93	49287	40.388	ng	# 88
12) 1,3-Dichlorobenzene	7.99	146	70402	42.781	ng	# 84
13) 1,4-Dichlorobenzene	8.15	146	71781	43.008	ng	# 91
14) 1,2-Dichlorobenzene	8.46	146	69463	42.535	ng	# 92
15) Benzyl Alcohol	8.37	79	54819	44.565	ng	# 82
16) 2,2'-oxybis(1-Chloropropan	8.63	45	64250	34.401	ng	# 90
17) 2-Methylphenol	8.57	107	45121	42.735	ng	# 78
18) Hexachloroethane	9.18	117	35836	49.672	ng	# 97
19) n-Nitroso-di-n-propylamine	8.93	70	43839	38.825	ng	# 67
20) 3+4-Methylphenols	8.90	107	59201	38.971	ng	# 83
22) Acetophenone	8.96	105	89279	47.460	ng	# 79
24) Nitrobenzene	9.35	77	76626	47.394	ng	# 91
25) Isophorone	9.86	82	114373	52.057	ng	# 93
26) 2-Nitrophenol	10.05	139	30792	45.623	ng	# 34
27) 2,4-Dimethylphenol	10.10	122	48656	51.745	ng	# 76
28) bis(2-Chloroethoxy)methane	10.33	93	62305	43.631	ng	# 98
29) 2,4-Dichlorophenol	10.59	162	53270	47.675	ng	# 94
30) 1,2,4-Trichlorobenzene	10.79	180	62564	46.084	ng	# 95
31) Naphthalene	10.97	128	178773	47.281	ng	# 99
32) Benzoic acid	10.27	122	31895	44.497	ng	# 90
33) 4-Chloroaniline	11.10	127	44134	28.604	ng	# 86
34) Hexachlorobutadiene	11.23	225	50992	54.149	ng	# 95
35) Caprolactam	11.92	113	12009	38.805	ng	# 89
36) 4-Chloro-3-methylphenol	12.23	107	53971	43.916	ng	# 87
37) 2-Methylnaphthalene	12.57	142	126089	49.782	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	70089	55.266	ng	# 100
40) Hexachlorocyclopentadiene	12.90	237	55965	88.953	ng	# 97

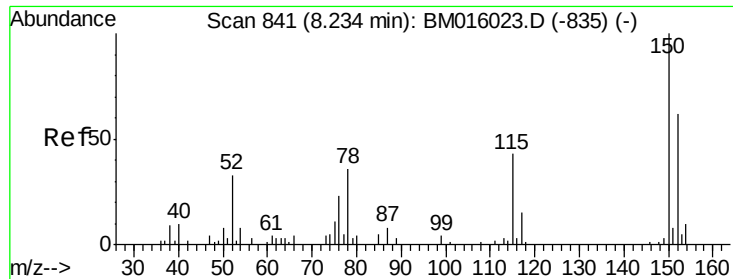
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	39744	50.090	ng	99
43) 2,4,5-Trichlorophenol	13.27	196	41568	50.789	ng #	80
45) 1,1'-Biphenyl	13.58	154	157744	46.922	ng	100
46) 2-Chloronaphthalene	13.63	162	121622	46.514	ng #	90
47) 2-Nitroaniline	13.86	65	39557	45.759	ng #	71
48) Acenaphthylene	14.47	152	190086	49.659	ng	100
49) Dimethylphthalate	14.20	163	150676	46.219	ng #	99
50) 2,6-Dinitrotoluene	14.35	165	29225	44.555	ng #	44
51) Acenaphthene	14.81	154	108020	45.885	ng	99
52) 3-Nitroaniline	14.69	138	20173	28.474	ng #	60
53) 2,4-Dinitrophenol	14.91	184	27212	95.344	ng #	58
54) Dibenzofuran	15.15	168	178852	46.103	ng #	79
55) 4-Nitrophenol	15.00	139	39508	77.789	ng #	85
56) 2,4-Dinitrotoluene	15.14	165	43854	46.758	ng #	57
57) Fluorene	15.79	166	138816	48.153	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	36490	51.870	ng #	100
59) Diethylphthalate	15.56	149	163576	46.552	ng	95
60) 4-Chlorophenyl-phenylether	15.78	204	75787	47.225	ng #	83
61) 4-Nitroaniline	15.85	138	26047	38.318	ng #	1
62) Azobenzene	16.07	77	188209	50.859	ng #	71
64) 4,6-Dinitro-2-methylphenol	15.92	198	20130	43.334	ng #	80
65) n-Nitrosodiphenylamine	16.00	169	115223	45.721	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	42805	49.393	ng #	69
67) Hexachlorobenzene	16.79	284	42186	44.204	ng #	53
68) Atrazine	16.94	200	45607	50.494	ng	96
69) Pentachlorophenol	17.14	266	42989	72.744	ng	97
70) Phenanthrene	17.53	178	201083	46.930	ng	98
71) Anthracene	17.62	178	206884	49.680	ng	98
72) Carbazole	17.90	167	177676	41.184	ng #	97
73) Di-n-butylphthalate	18.42	149	260364	48.432	ng #	95
74) Fluoranthene	19.52	202	237392	49.668	ng	97
76) Benzidine	19.71	184	125259	50.171	ng	96
77) Pyrene	19.88	202	240324	44.886	ng	99
79) Butylbenzylphthalate	20.74	149	129000	47.428	ng #	71
80) Benzo(a)anthracene	21.60	228	271146	49.274	ng	99
81) 3,3'-Dichlorobenzidine	21.53	252	71381	32.205	ng	96
82) Chrysene	21.66	228	251384	47.623	ng	99
83) Bis(2-ethylhexyl)phthalate	21.49	149	190855	48.417	ng	91
84) Di-n-octyl phthalate	22.39	149	336725	50.826	ng #	87
85) Indeno(1,2,3-cd)pyrene	26.32	276	334154	53.346	ng	99
87) Benzo(b)fluoranthene	23.24	252	277973	50.191	ng #	92
88) Benzo(k)fluoranthene	23.29	252	255816	45.577	ng #	96
89) Benzo(a)pyrene	23.84	252	264826	49.740	ng	99
90) Dibenzo(a,h)anthracene	26.32	278	280024	50.763	ng #	94
91) Benzo(g,h,i)perylene	27.06	276	263002	50.410	ng #	88

(#) = 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: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

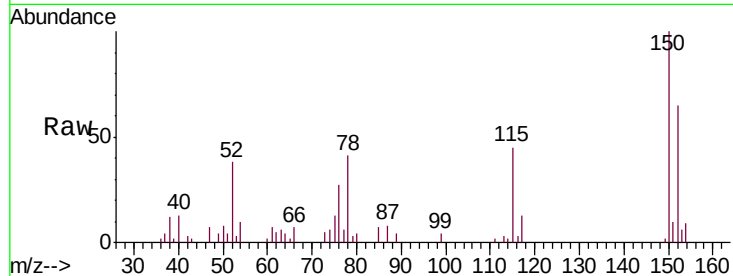
Tgt Ion:152 Resp: 19650

Ion Ratio Lower Upper

152 100

150 153.3 119.5 179.3

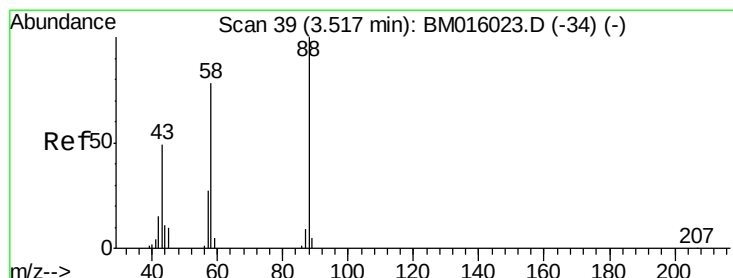
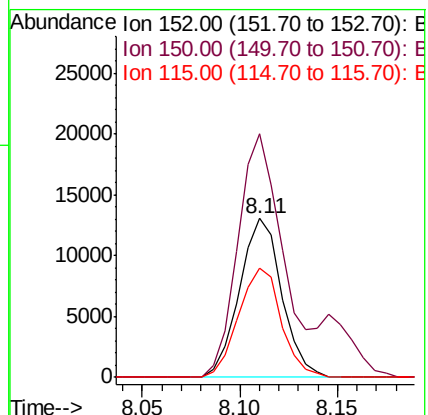
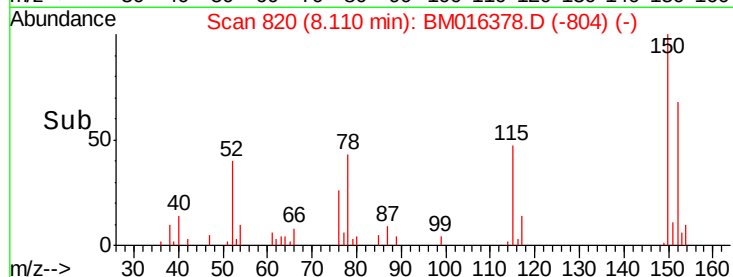
115 69.0 43.0 64.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 50.238 ng

RT: 3.43 min Scan# 25

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

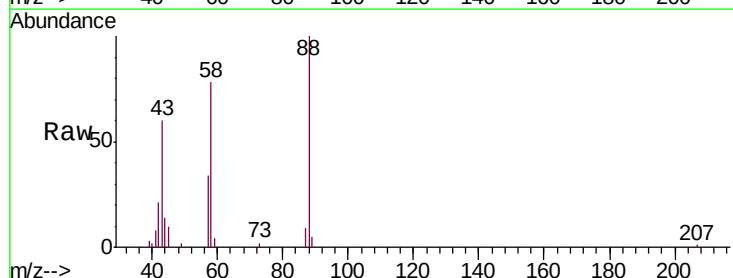
Tgt Ion: 88 Resp: 27844

Ion Ratio Lower Upper

88 100

58 80.2 0.0 0.0#

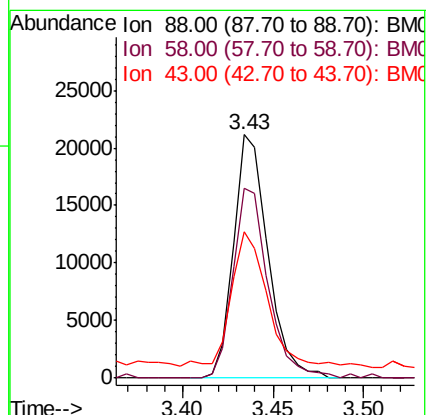
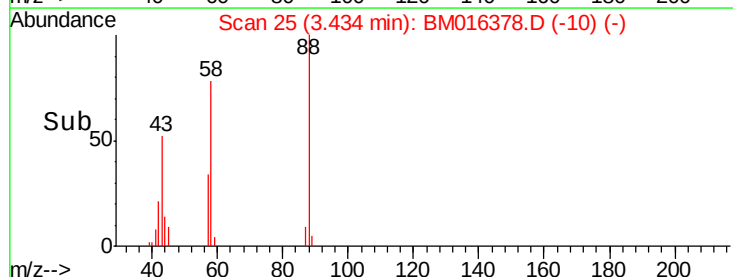
43 60.0 0.0 0.0#

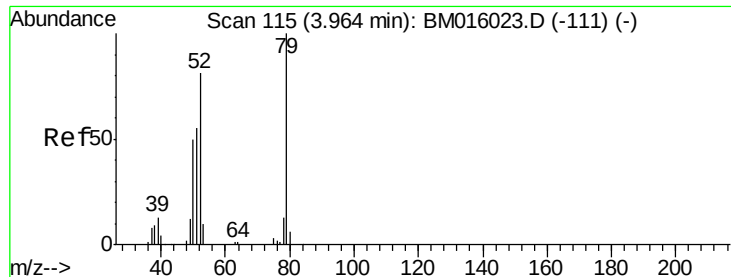


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 44.642 ng

RT: 3.88 min Scan# 100

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

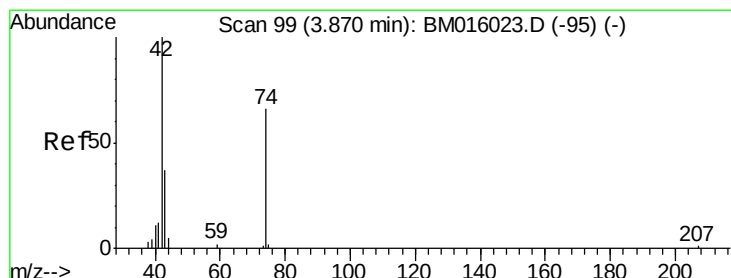
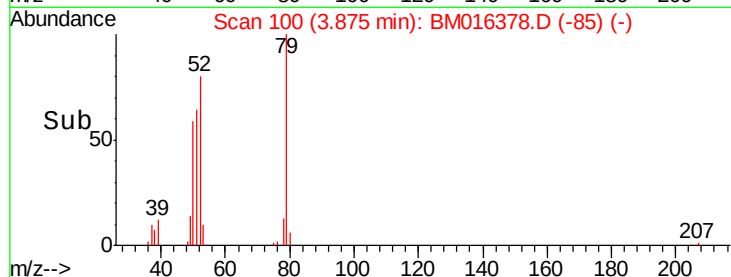
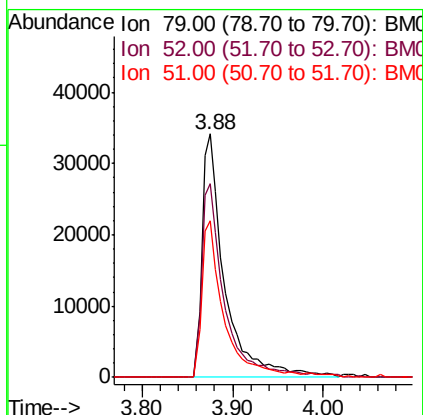
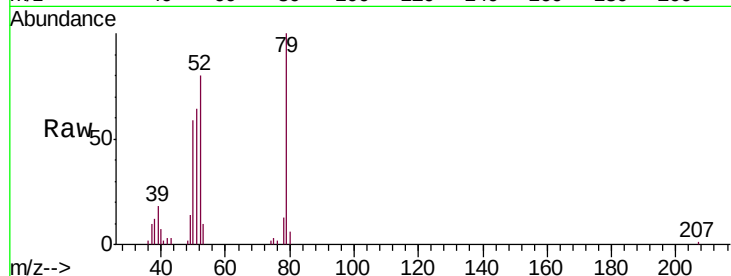
Tgt Ion: 79 Resp: 59605

Ion Ratio Lower Upper

79 100

52 79.7 51.1 76.7#

51 64.3 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 62.830 ng

RT: 3.79 min Scan# 85

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

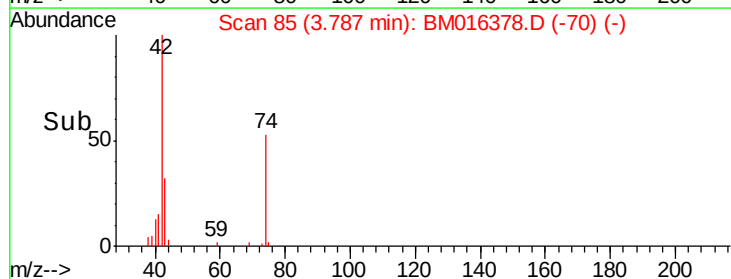
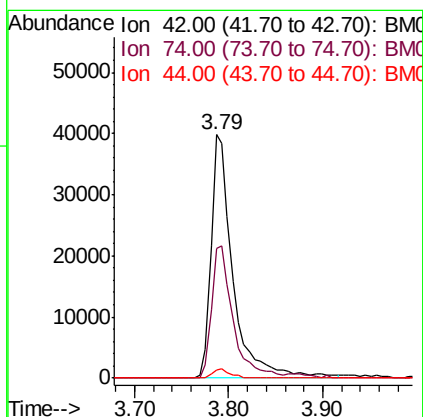
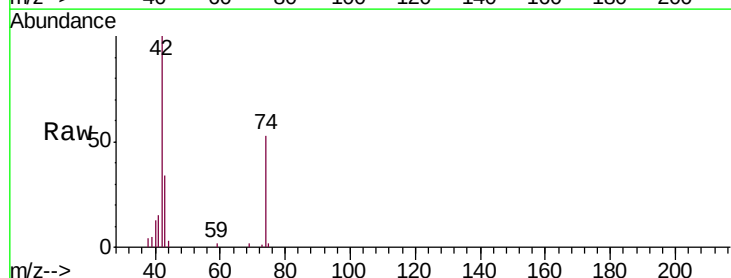
Tgt Ion: 42 Resp: 65431

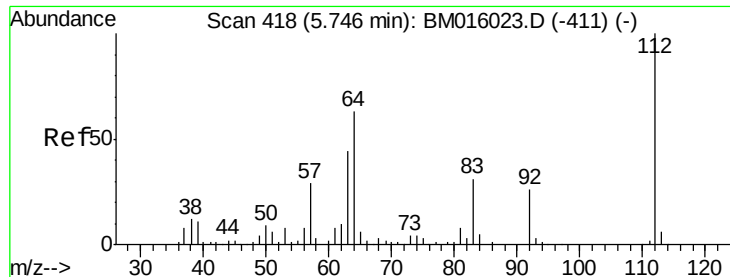
Ion Ratio Lower Upper

42 100

74 53.2 119.3 178.9#

44 3.4 5.4 8.2#





#5

2-Fluorophenol

Concen: 62.830 ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

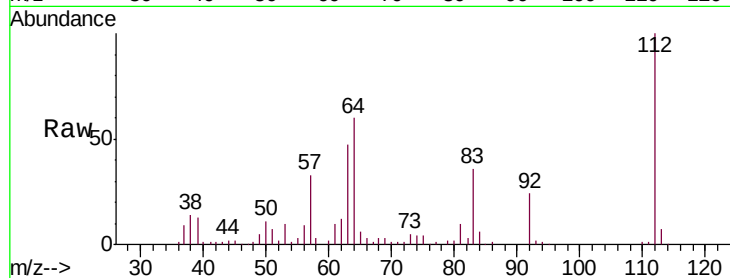
Tgt Ion: 112 Resp: 165047

Ion Ratio Lower Upper

112 100

64 60.4 38.6 57.8#

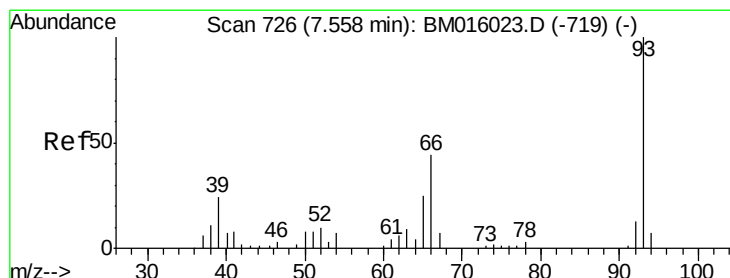
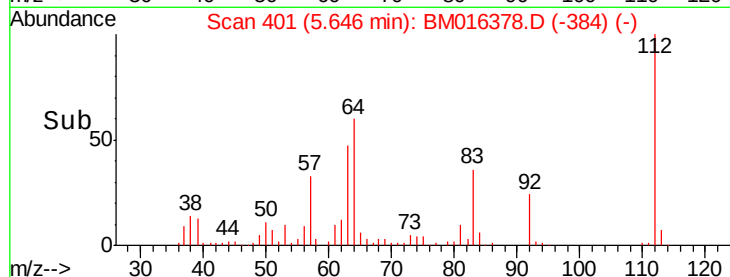
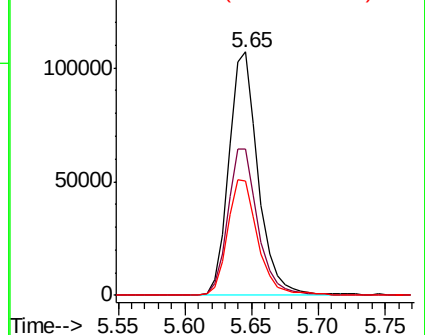
63 47.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 30.205 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

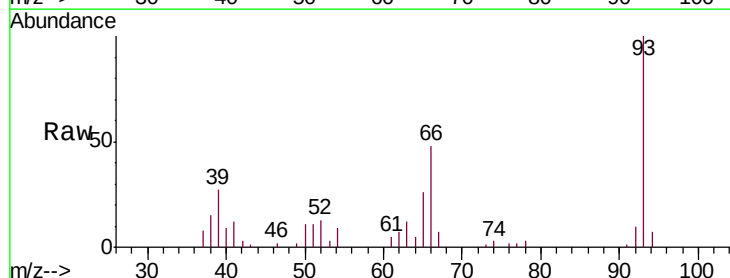
Tgt Ion: 93 Resp: 53726

Ion Ratio Lower Upper

93 100

66 47.5 30.8 46.2#

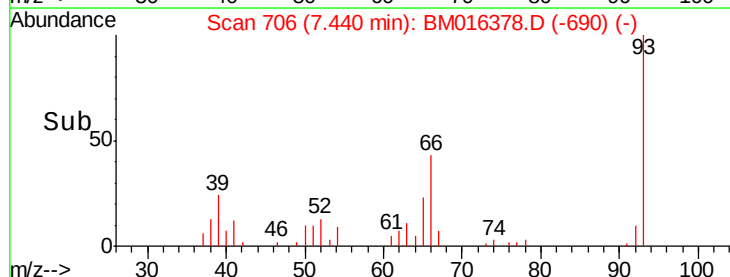
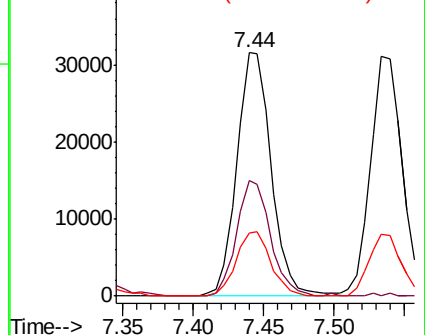
65 25.9 16.0 24.0#

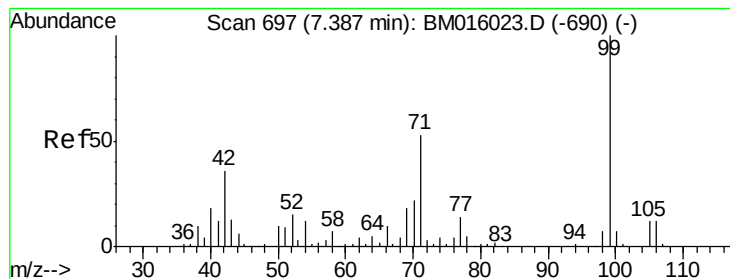


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 30.205 ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

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ClientSampleId :

PB112017BS

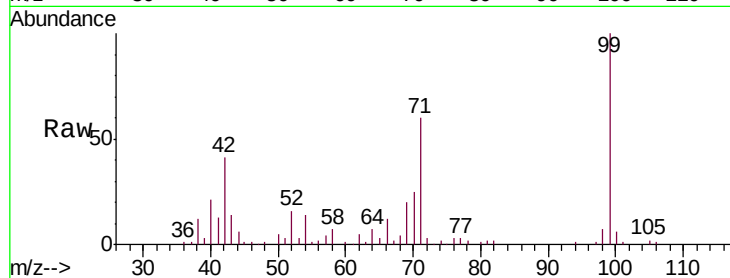
Tgt Ion: 99 Resp: 188176

Ion Ratio Lower Upper

99 100

42 41.3 11.0 16.4#

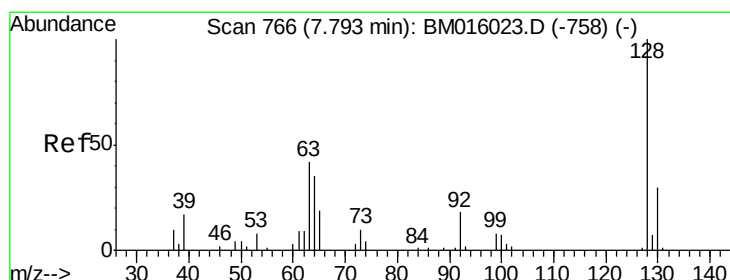
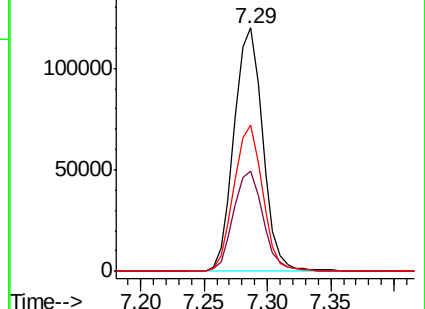
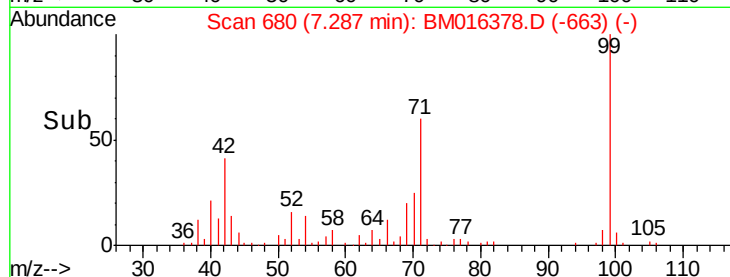
71 60.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016378.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016378.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016378.D (-663) (-)



#8

2-Chlorophenol

Concen: 43.926 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

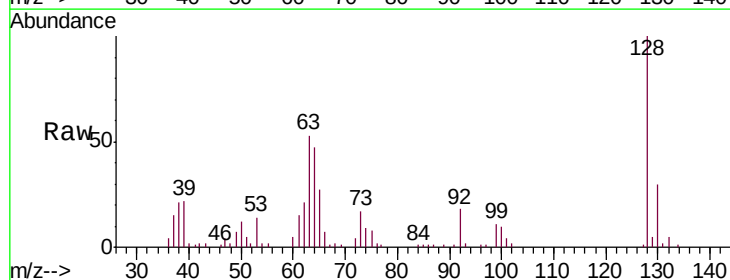
Tgt Ion: 128 Resp: 61756

Ion Ratio Lower Upper

128 100

130 29.7 12.0 52.0

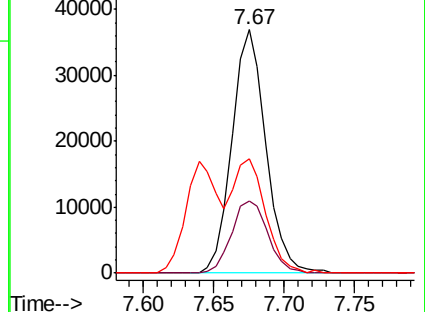
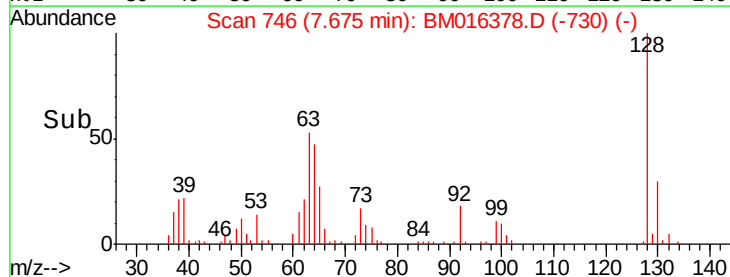
64 46.8 24.9 64.9

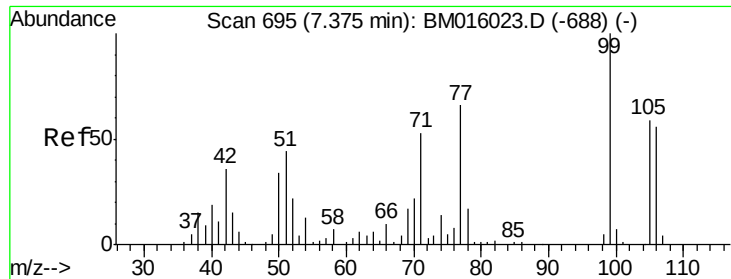


Abundance Ion 128.00 (127.70 to 128.70): BM016378.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016378.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016378.D (-730) (-)





#9

Benzaldehyde

Concen: 26.592 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

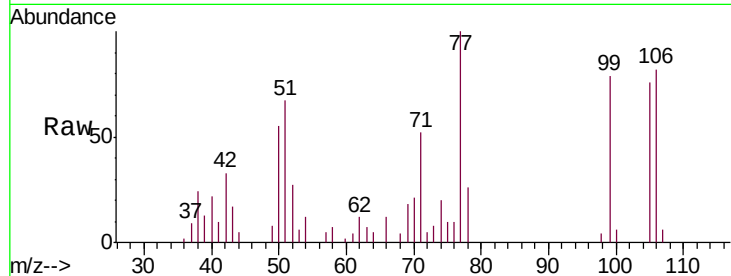
Tgt Ion: 77 Resp: 28863

Ion Ratio Lower Upper

77 100

105 76.3 78.8 118.8#

106 81.7 73.7 113.7

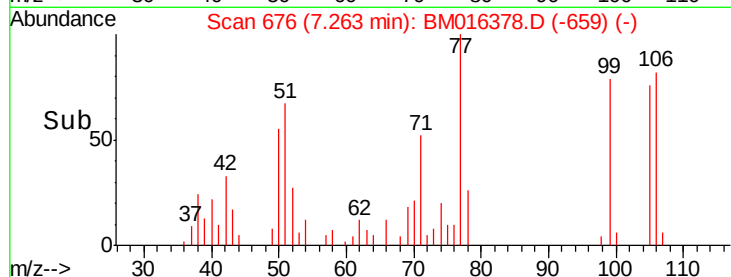


Abundance Ion 77.00 (76.70 to 77.70): BM016378.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM016378.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM016378.D (-659) (-)

Time-->

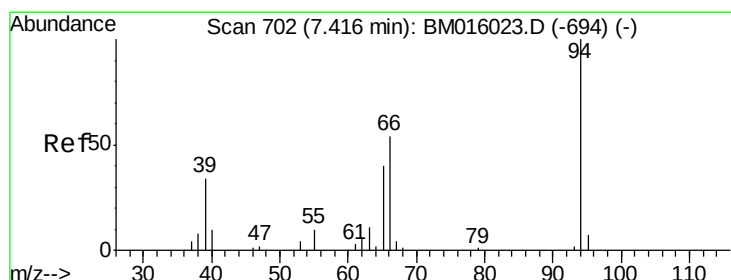


Abundance Ion 77.00 (76.70 to 77.70): BM016378.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM016378.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM016378.D (-659) (-)

Time-->



#10

Phenol

Concen: 41.834 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

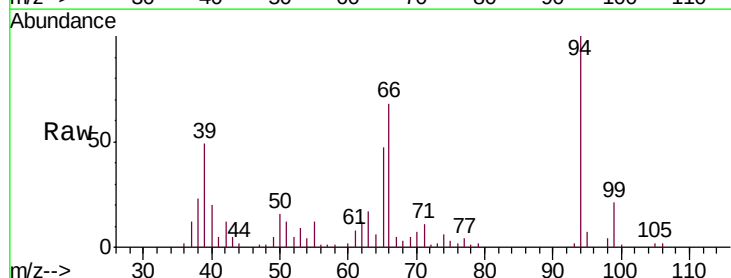
Tgt Ion: 94 Resp: 64622

Ion Ratio Lower Upper

94 100

65 47.0 18.8 58.8

66 68.3 39.9 79.9

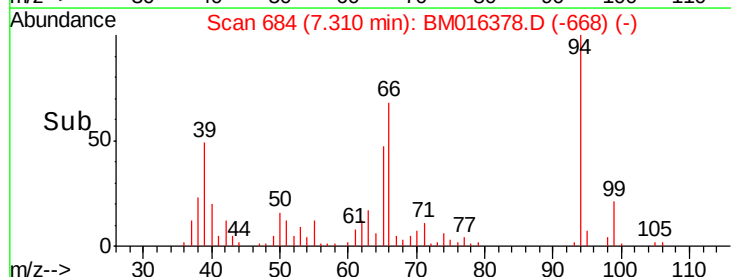


Abundance Ion 94.00 (93.70 to 94.70): BM016378.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016378.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016378.D (-668) (-)

Time-->

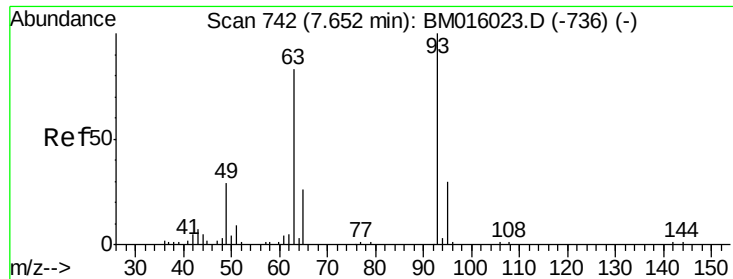


Abundance Ion 94.00 (93.70 to 94.70): BM016378.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016378.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016378.D (-668) (-)

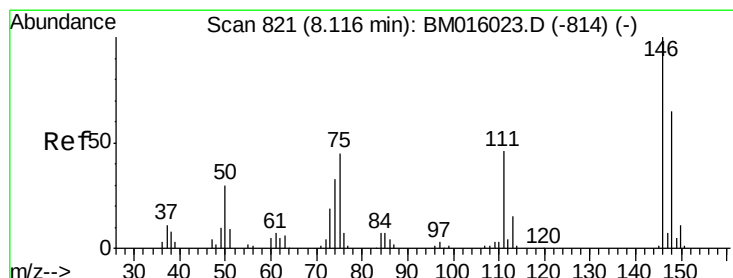
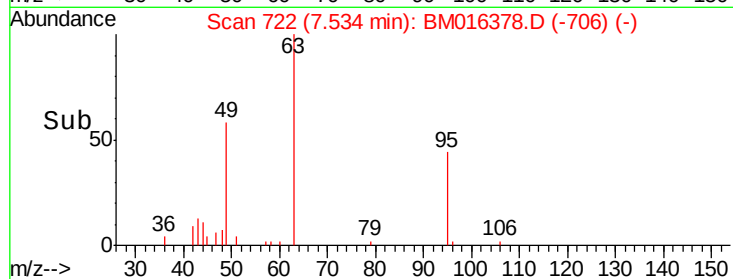
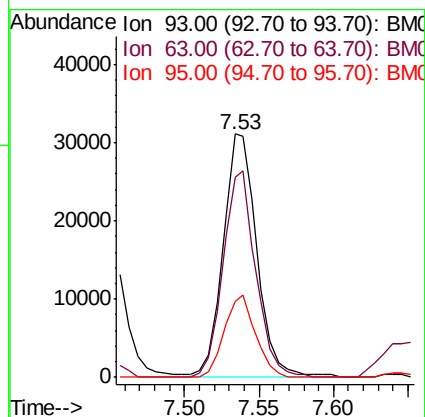
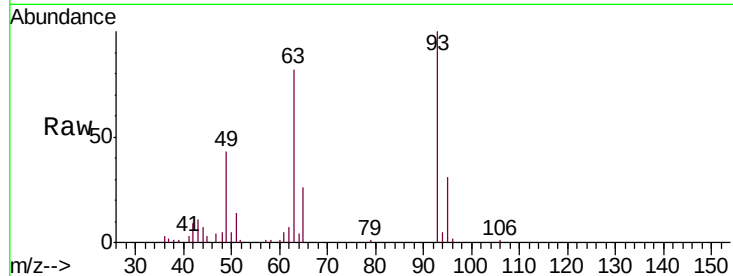
Time-->



#11
 bis(2-Chloroethyl)ether
 Concen: 40.388 ng
 RT: 7.53 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

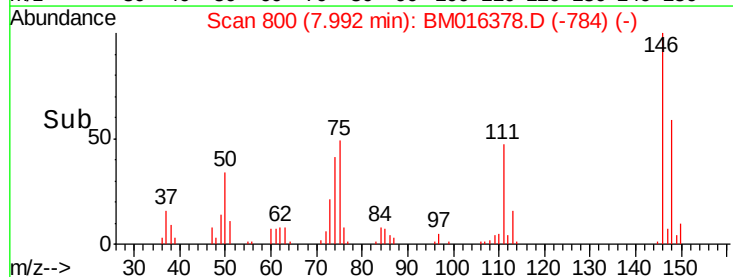
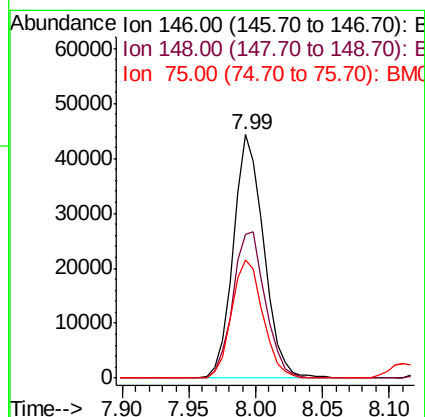
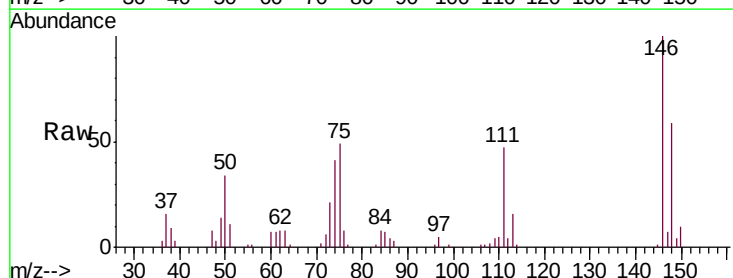
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

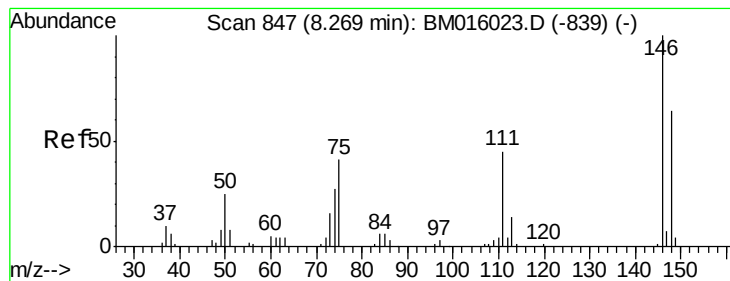
Tgt Ion:	93	Resp:	49287
Ion	Ratio	Lower	Upper
93	100		
63	82.2	49.5	89.5
95	31.2	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 42.781 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion:	146	Resp:	70402
Ion	Ratio	Lower	Upper
146	100		
148	59.2	50.9	76.3
75	48.6	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 43.008 ng

RT: 8.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

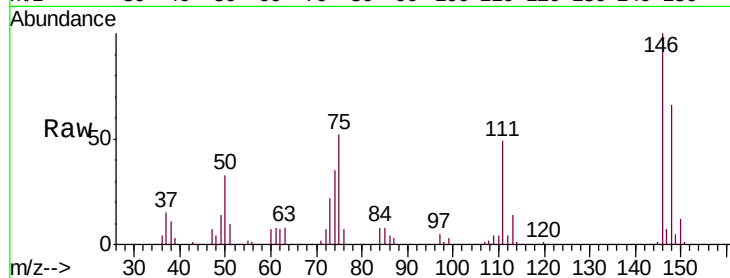
Tgt Ion:146 Resp: 71781

Ion Ratio Lower Upper

146 100

148 66.0 51.9 77.9

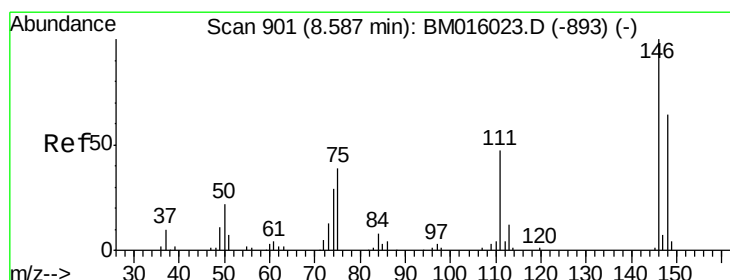
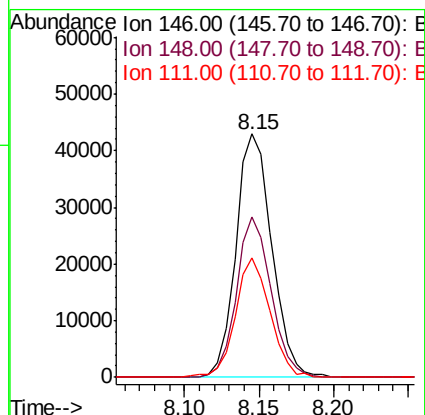
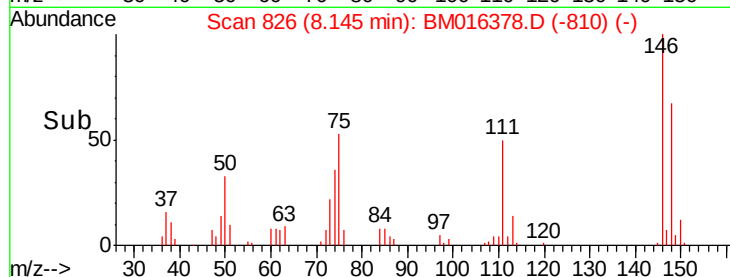
111 49.3 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.535 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

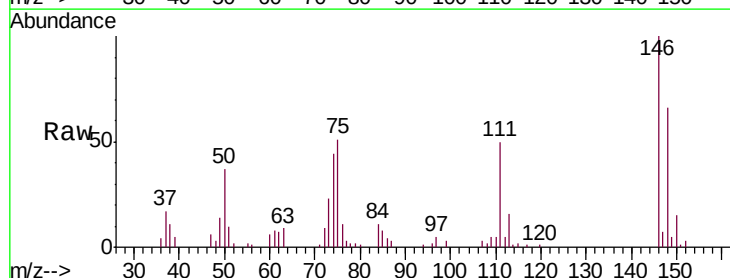
Tgt Ion:146 Resp: 69463

Ion Ratio Lower Upper

146 100

148 66.3 52.3 78.5

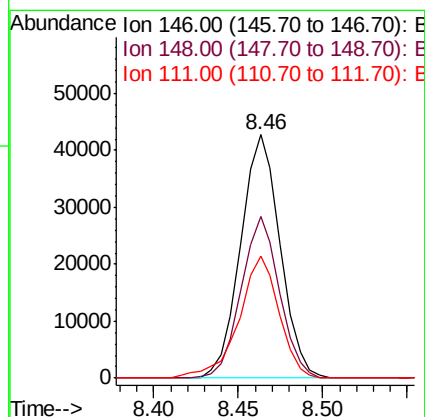
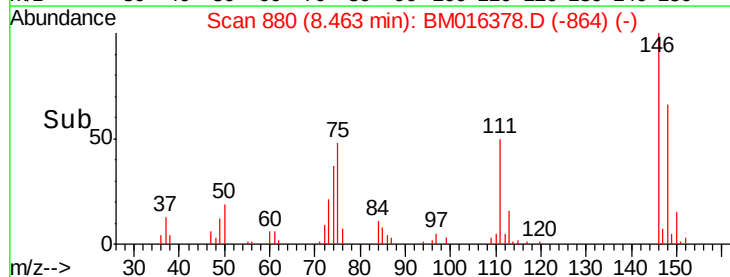
111 50.4 30.6 45.8#

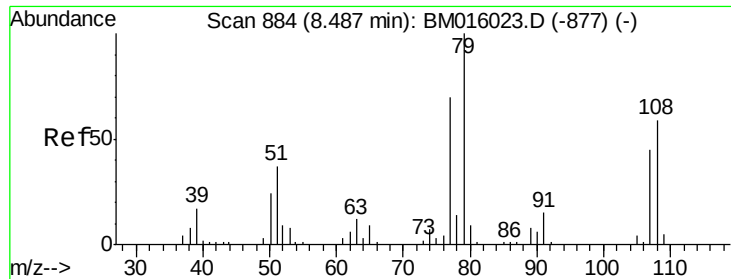


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

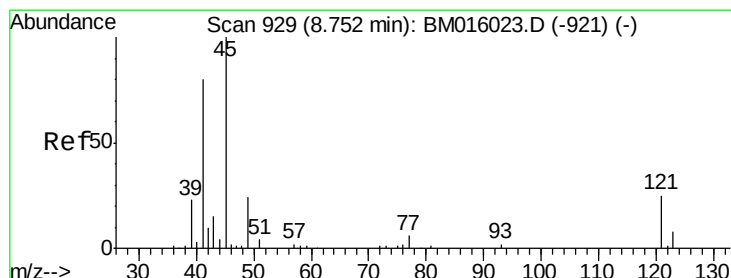
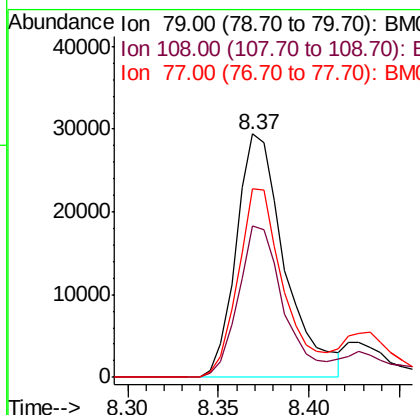
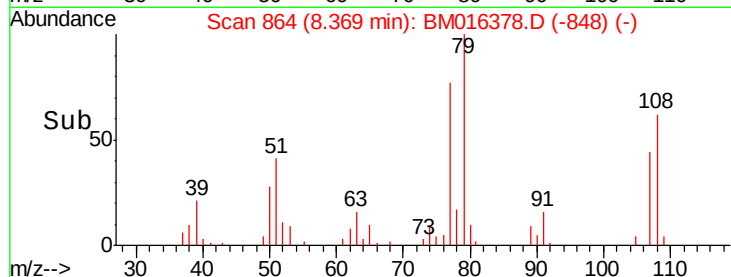
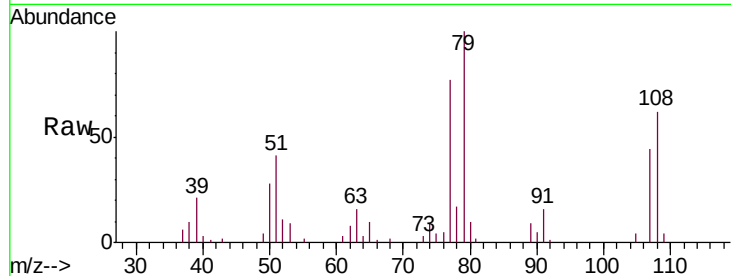




#15
Benzyl Alcohol
Concen: 44.565 ng
RT: 8.37 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

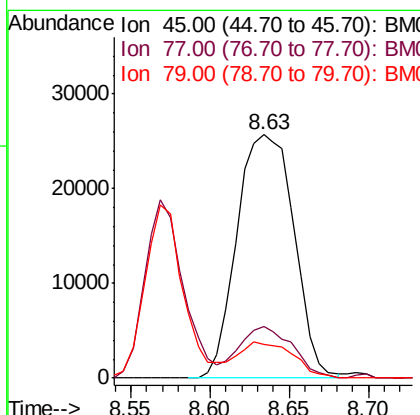
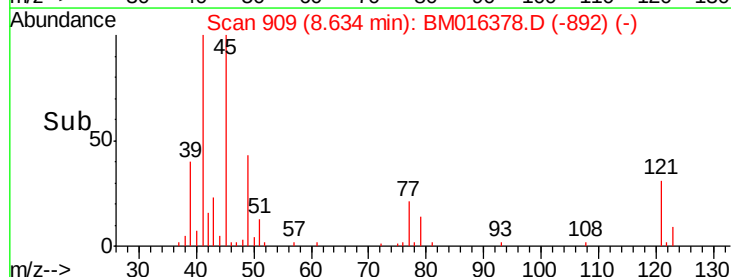
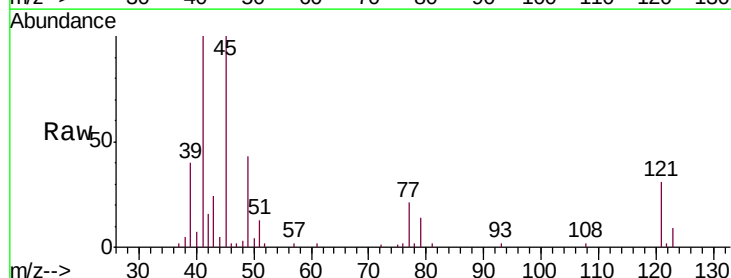
Instrument :
BNA_M
ClientSampleId :
PB112017BS

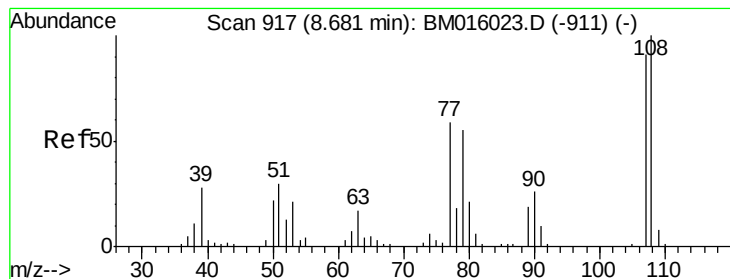
Tgt Ion: 79 Resp: 54819
Ion Ratio Lower Upper
79 100
108 62.3 65.0 97.4#
77 77.4 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.401 ng
RT: 8.63 min Scan# 909
Delta R.T. 0.00 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion: 45 Resp: 64250
Ion Ratio Lower Upper
45 100
77 21.2 0.0 35.2
79 13.8 0.0 32.0

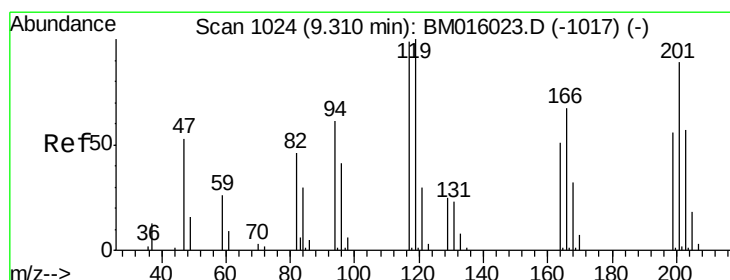
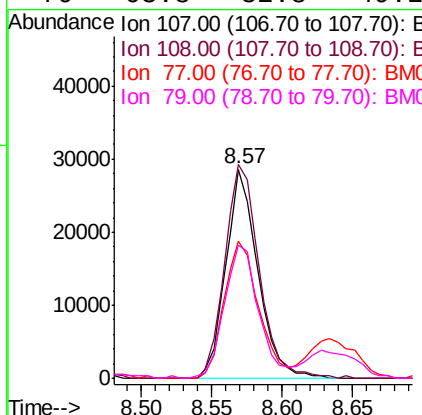
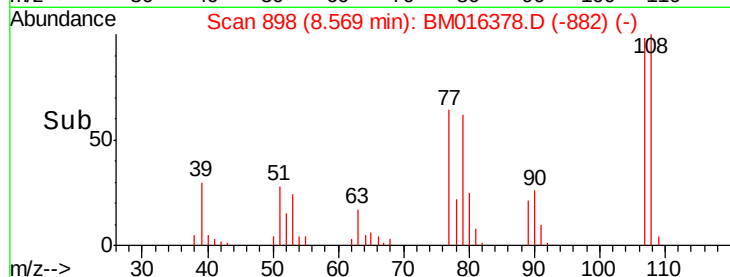
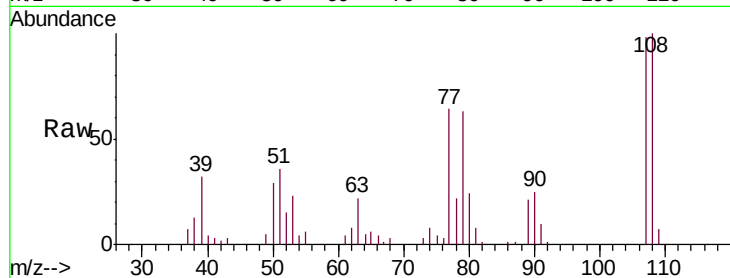




#17
2-Methylphenol
Concen: 42.735 ng
RT: 8.57 min Scan# 898
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

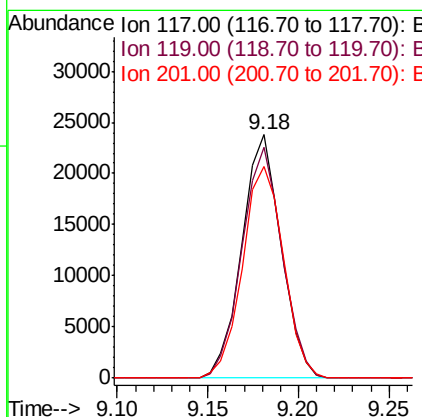
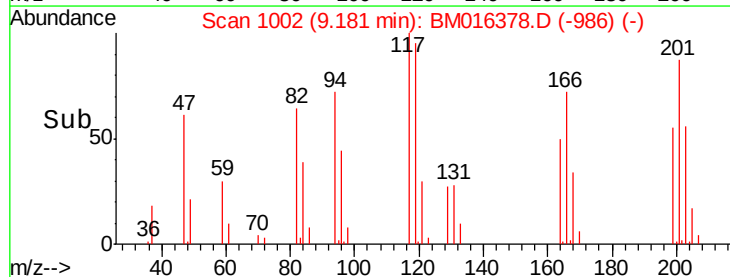
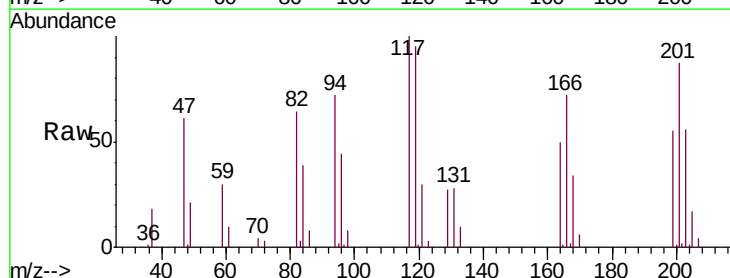
Instrument :
BNA_M
ClientSampleId :
PB112017BS

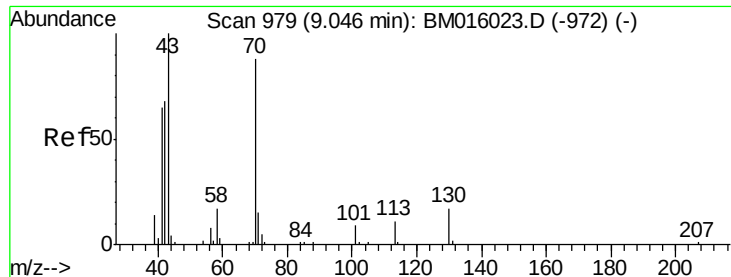
Tgt Ion	Ratio	Lower	Upper
107	100		
108	102.1	89.8	134.8
77	65.7	32.6	48.8
79	63.8	32.8	49.2



#18
Hexachloroethane
Concen: 49.672 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	79.2	118.8
201	86.7	69.8	104.6

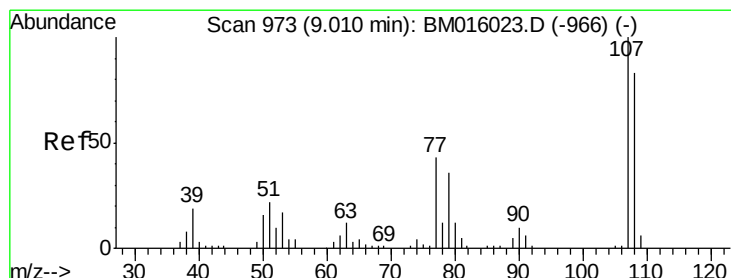
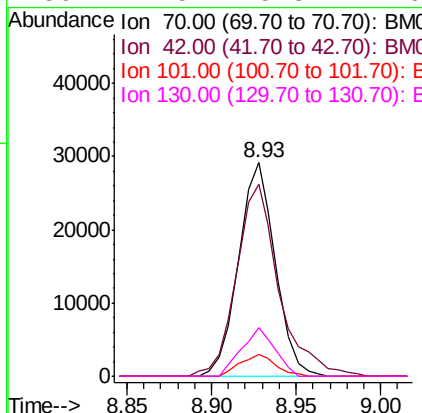
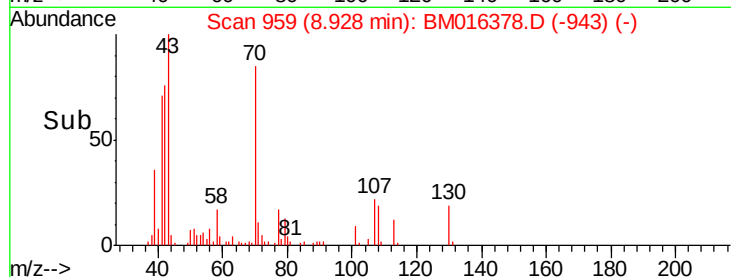
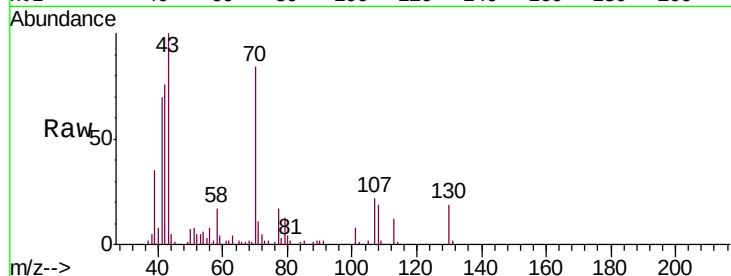




#19
n-Nitroso-di-n-propylamine
Concen: 38.825 ng
RT: 8.93 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

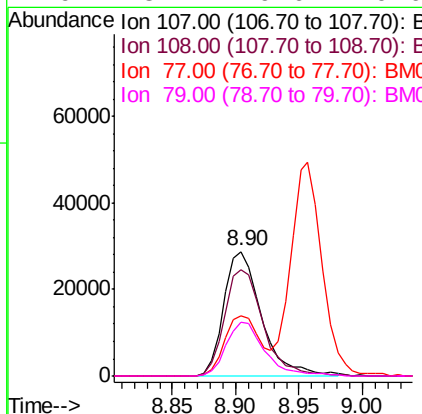
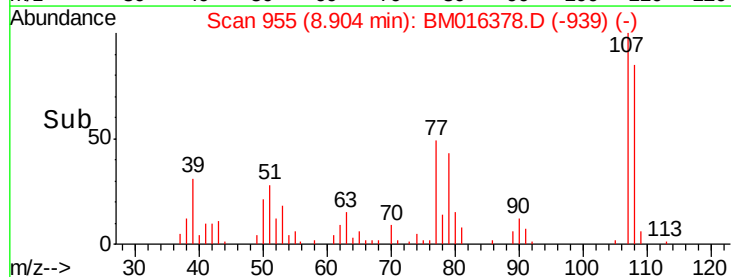
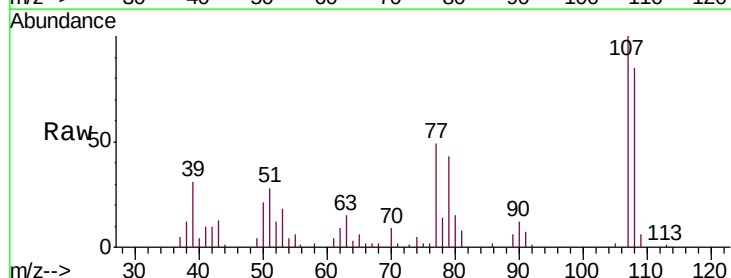
Instrument :
BNA_M
ClientSampleId :
PB112017BS

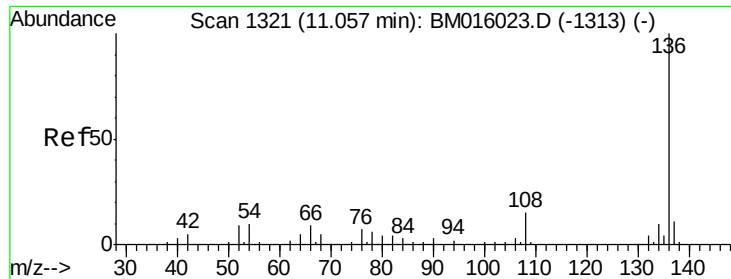
Tgt Ion:	70	Resp:	43839
Ion	Ratio	Lower	Upper
70	100		
42	89.7	44.5	66.7#
101	10.1	7.4	11.2
130	22.5	15.3	22.9



#20
3+4-Methylphenols
Concen: 38.971 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion:	107	Resp:	59201
Ion	Ratio	Lower	Upper
107	100		
108	84.6	73.2	113.2
77	48.6	10.7	50.7
79	43.4	9.6	49.6

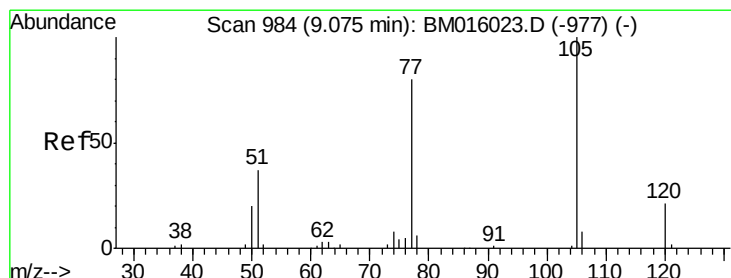
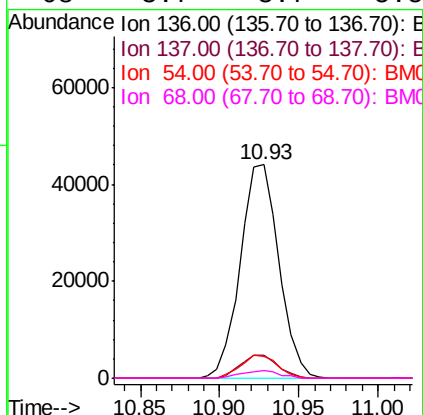
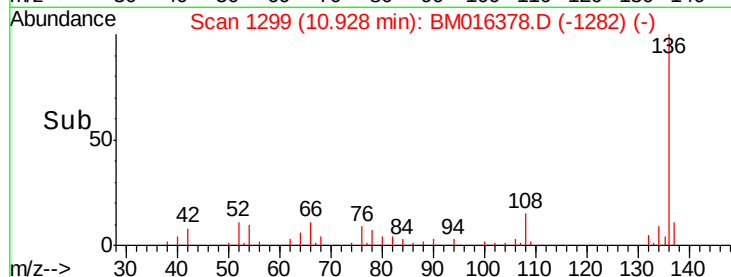
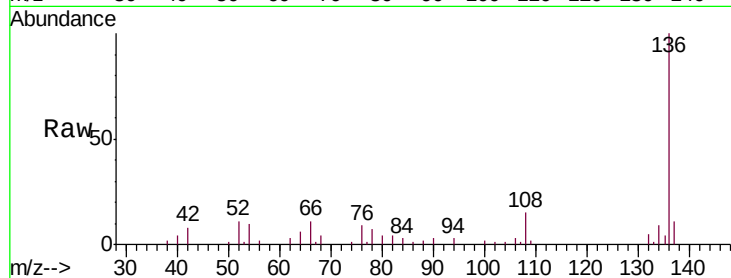




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

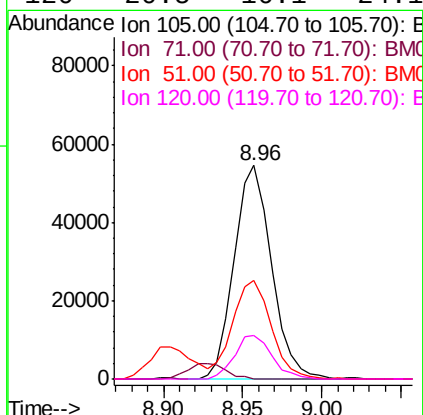
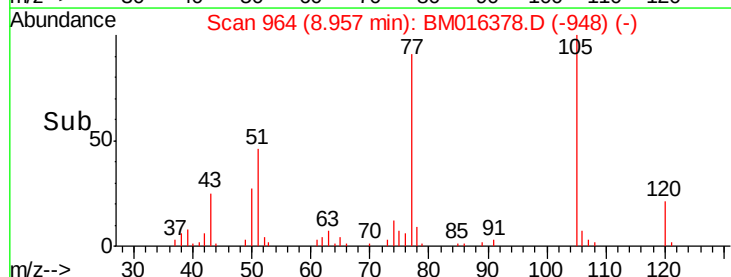
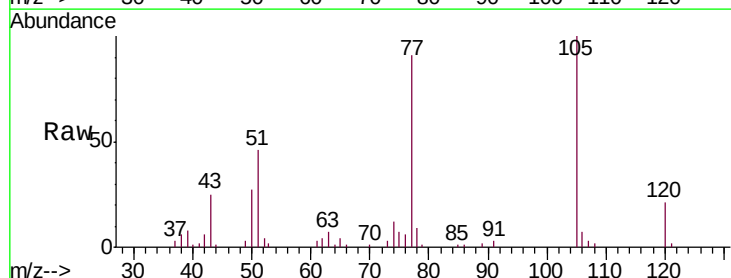
Instrument :
BNA_M
ClientSampleId :
PB112017BS

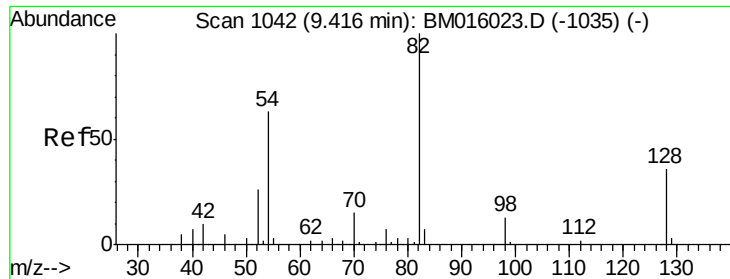
Tgt Ion:	136	Resp:	74708
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.3	4.6	6.8#
68	3.7	3.7	5.5



#22
Acetophenone
Concen: 47.460 ng
RT: 8.96 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion:	105	Resp:	89279
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	46.2	21.6	32.4#
120	20.5	16.1	24.1

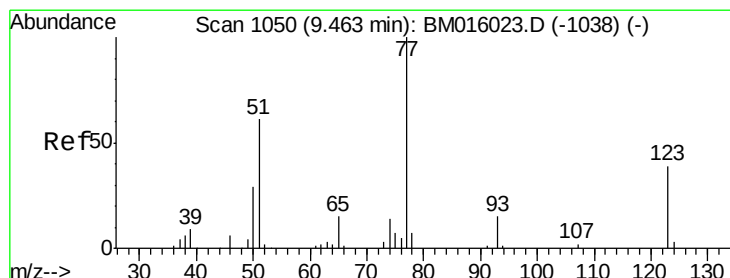
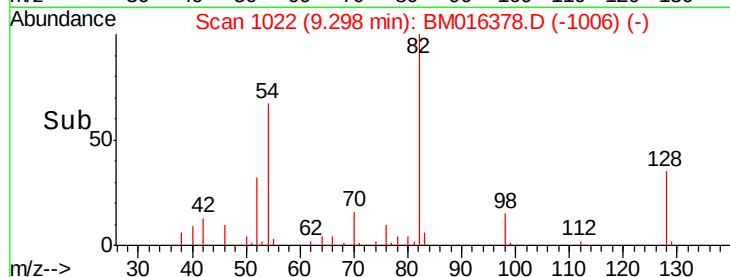
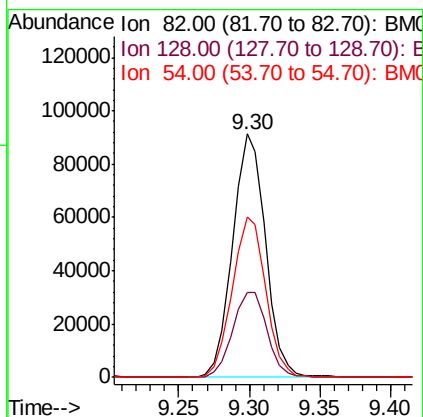
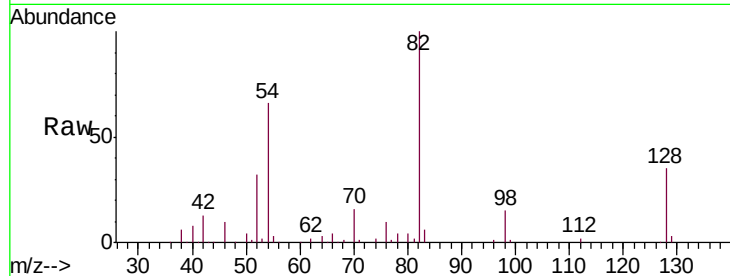




#23
 Nitrobenzene-d5
 Concen: 47.460 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

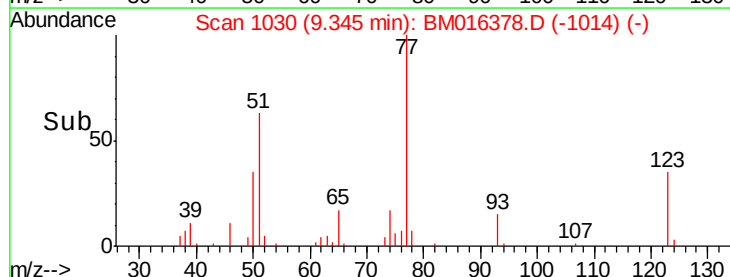
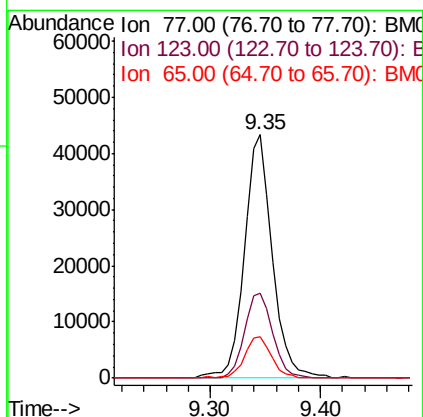
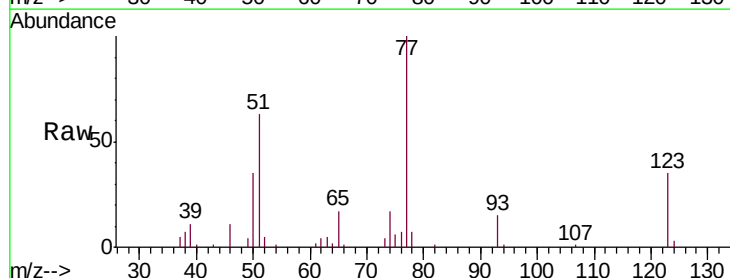
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

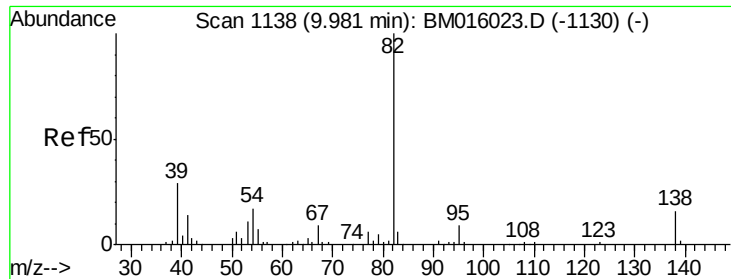
Tgt Ion: 82 Resp: 148203
 Ion Ratio Lower Upper
 82 100
 128 34.9 32.8 49.2
 54 66.0 40.6 60.8#



#24
 Nitrobenzene
 Concen: 47.394 ng
 RT: 9.35 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion: 77 Resp: 76626
 Ion Ratio Lower Upper
 77 100
 123 35.1 32.6 49.0
 65 16.7 10.9 16.3#

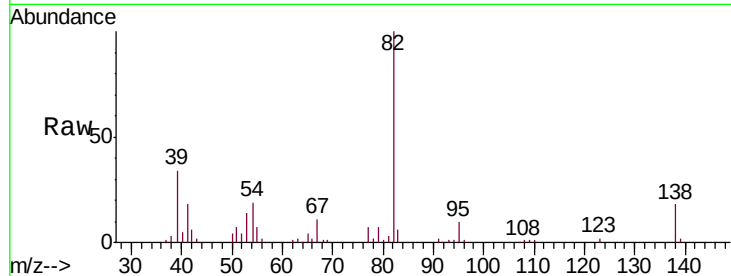




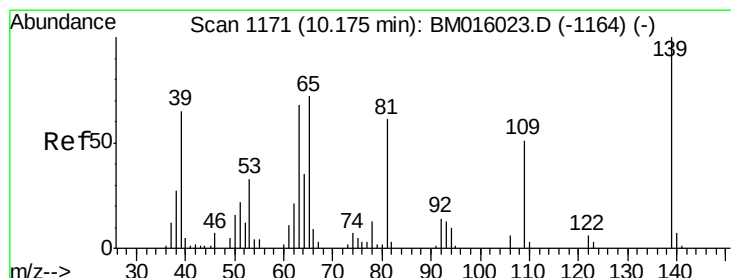
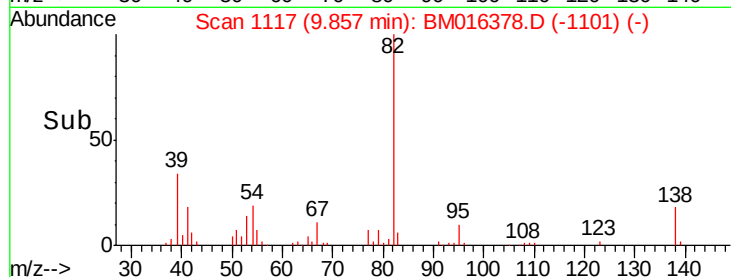
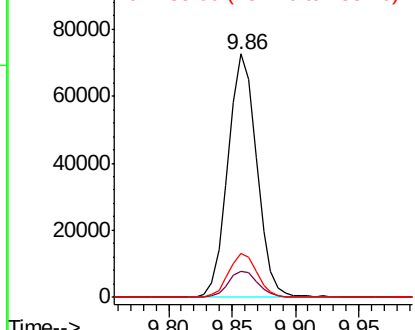
#25
Isophorone
Concen: 52.057 ng
RT: 9.86 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Instrument :
BNA_M
ClientSampleId :
PB112017BS

Tgt Ion: 82 Resp: 114373
Ion Ratio Lower Upper
82 100
95 10.5 5.8 8.6#
138 17.8 16.3 24.5

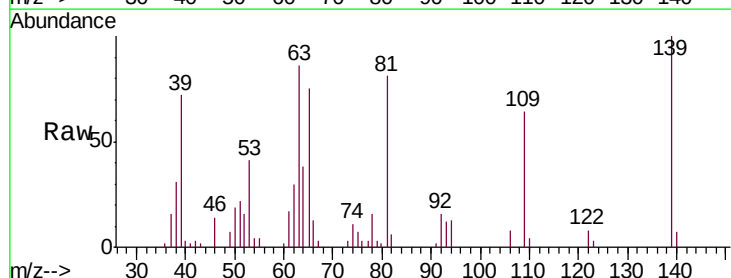


Abundance Ion 82.00 (81.70 to 82.70): BM016378.D (-1117) (-)
Ion 95.00 (94.70 to 95.70): BM016378.D (-1117) (-)
Ion 138.00 (137.70 to 138.70): BM016378.D (-1117) (-)

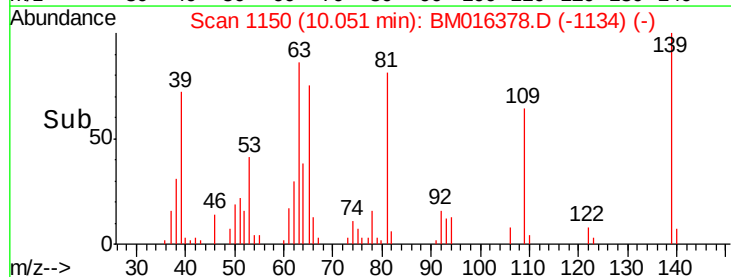
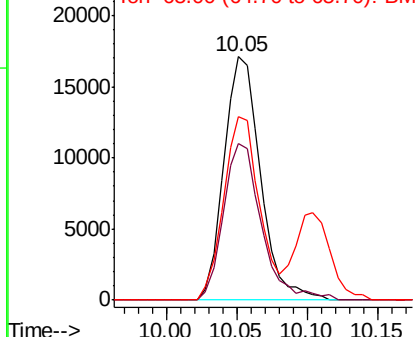


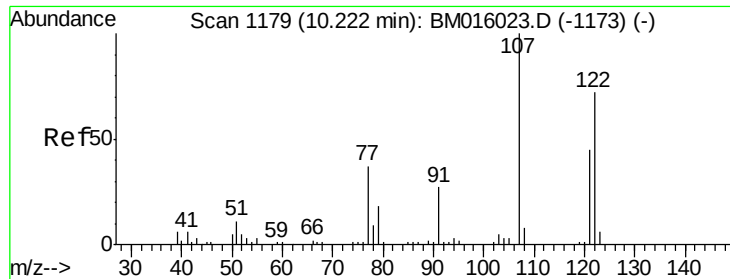
#26
2-Nitrophenol
Concen: 45.623 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion: 139 Resp: 30792
Ion Ratio Lower Upper
139 100
109 64.1 20.1 30.1#
65 75.1 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): BM016378.D (-1150) (-)
Ion 109.00 (108.70 to 109.70): BM016378.D (-1150) (-)
Ion 65.00 (64.70 to 65.70): BM016378.D (-1150) (-)

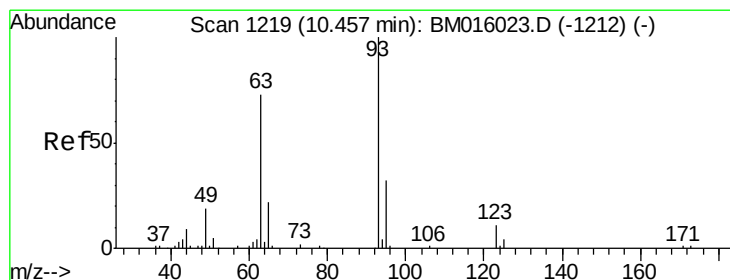
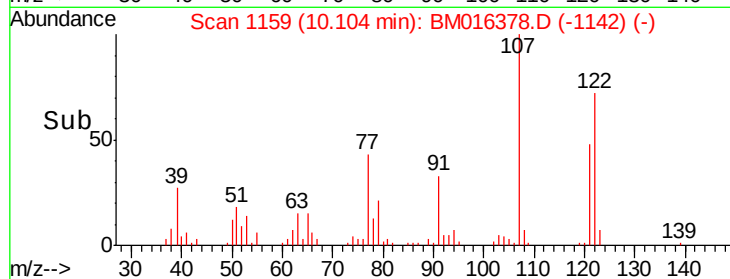
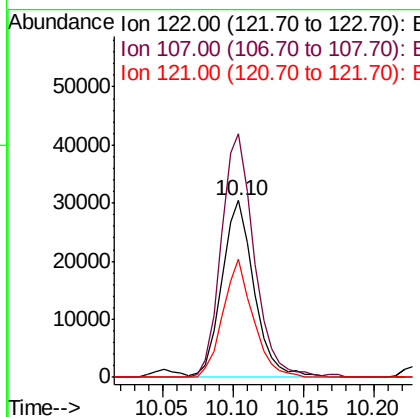
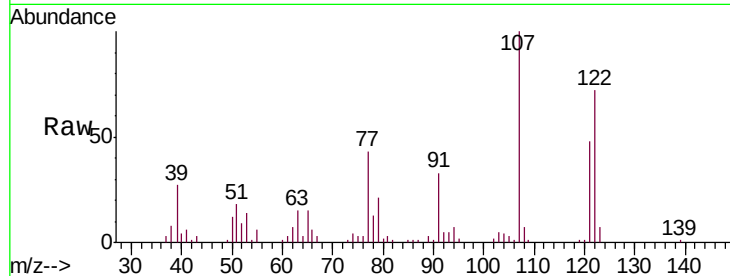




#27
2,4-Dimethylphenol
Concen: 51.745 ng
RT: 10.10 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

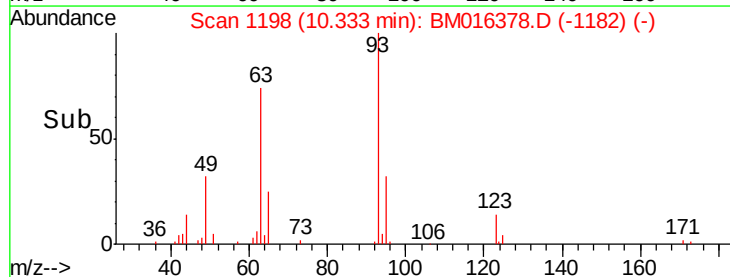
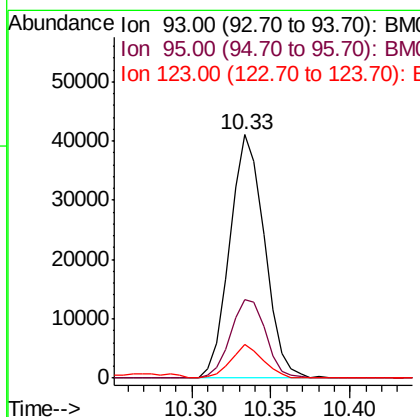
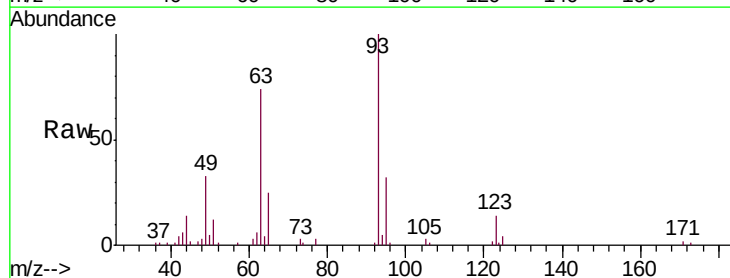
Instrument :
BNA_M
ClientSampleId :
PB112017BS

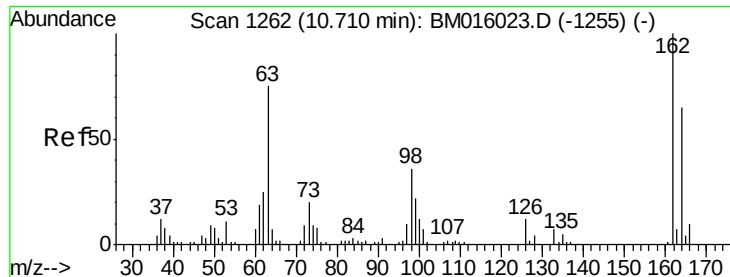
Tgt Ion:122 Resp: 48656
Ion Ratio Lower Upper
122 100
107 138.0 84.7 127.1#
121 66.7 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.631 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion: 93 Resp: 62305
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 13.6 8.6 13.0#

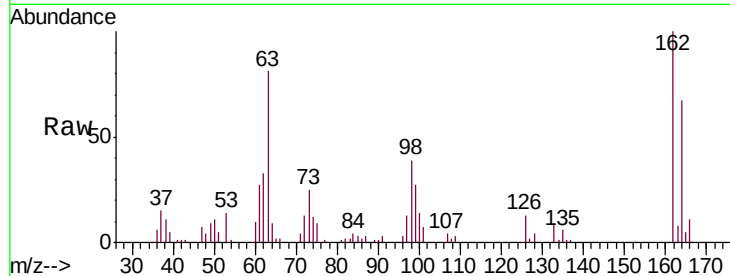




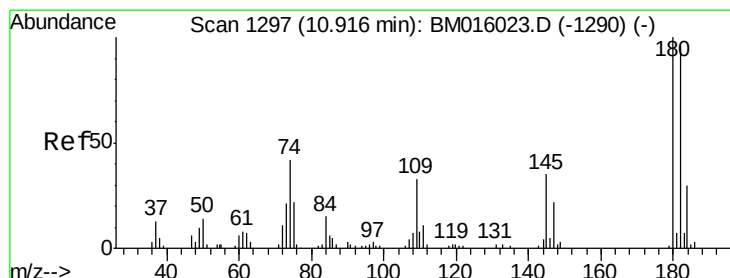
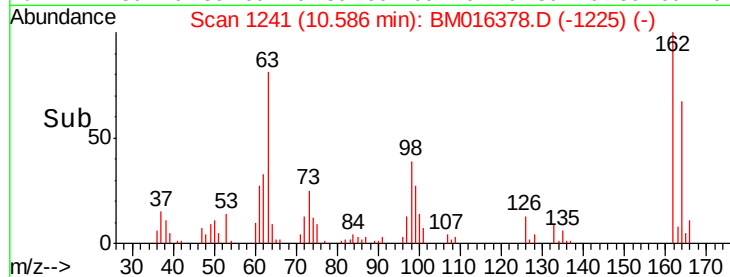
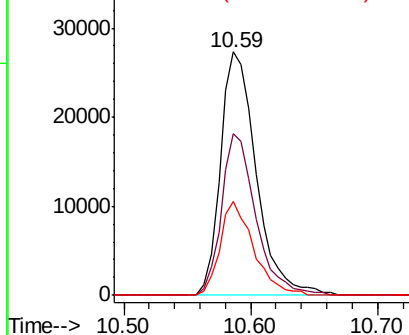
#29
 2,4-Dichlorophenol
 Concen: 47.675 ng
 RT: 10.59 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

Tgt Ion:162 Resp: 53270
 Ion Ratio Lower Upper
 162 100
 164 66.6 42.8 82.8
 98 38.7 14.5 54.5

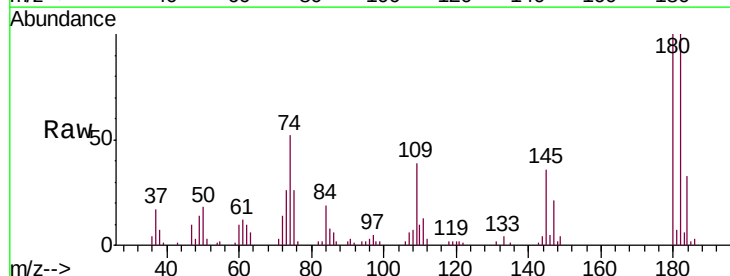


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

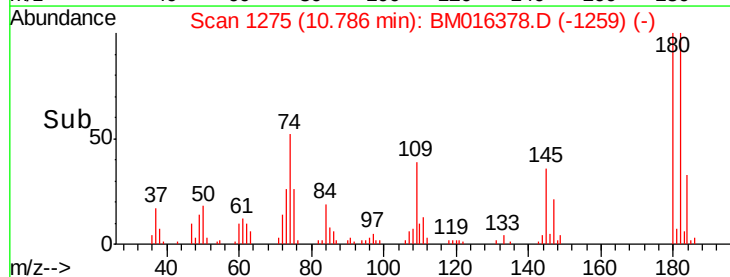
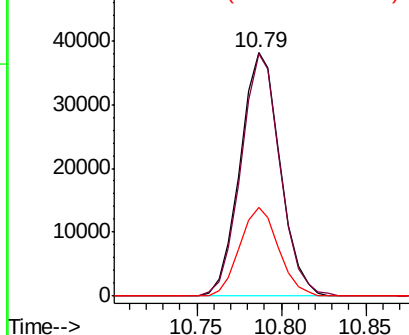


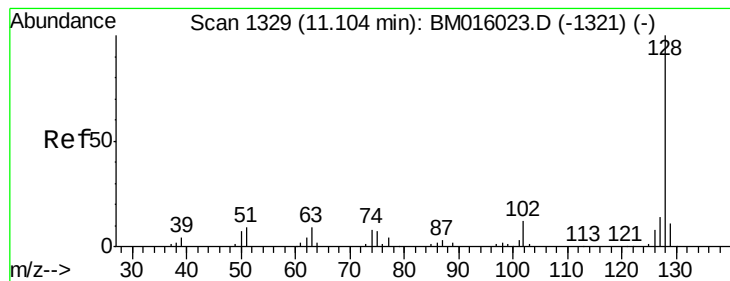
#30
 1,2,4-Trichlorobenzene
 Concen: 46.084 ng
 RT: 10.79 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion:180 Resp: 62564
 Ion Ratio Lower Upper
 180 100
 182 99.7 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

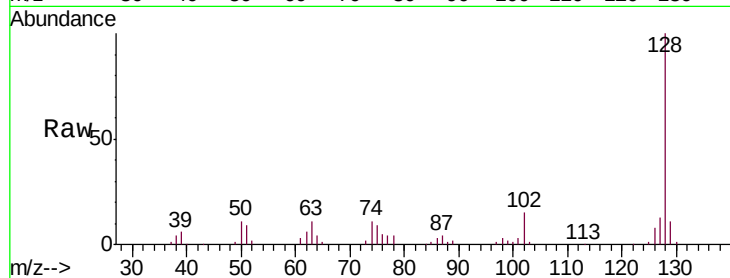




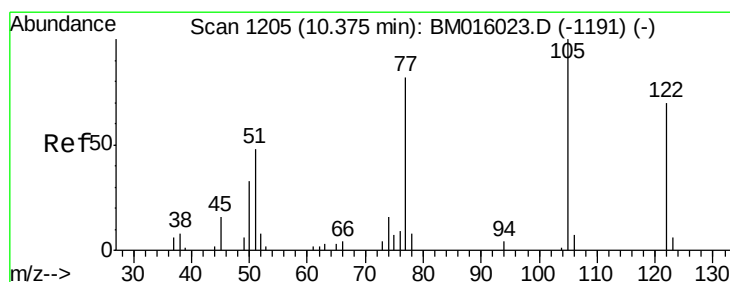
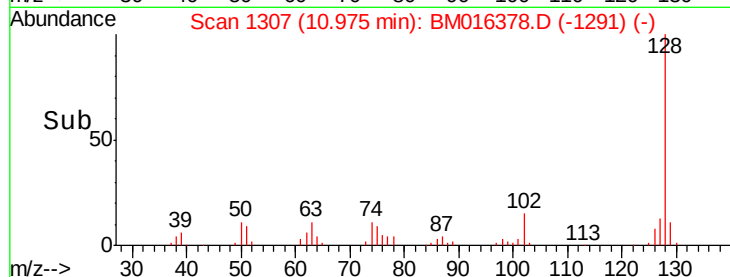
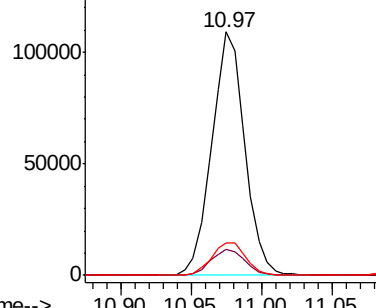
#31
Naphthalene
Concen: 47.281 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Instrument :
BNA_M
ClientSampleId :
PB112017BS

Tgt Ion:128 Resp: 178773
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.4 10.4 15.6

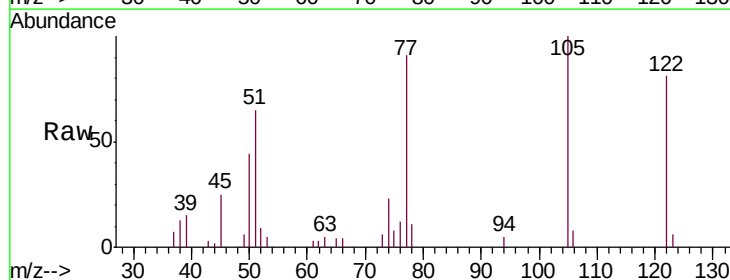


Abundance Ion 128.00 (127.70 to 128.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

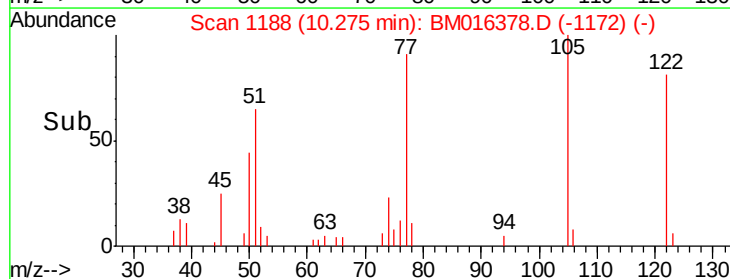
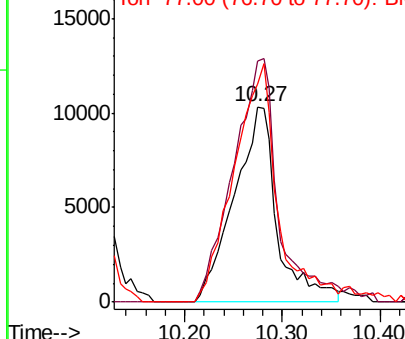


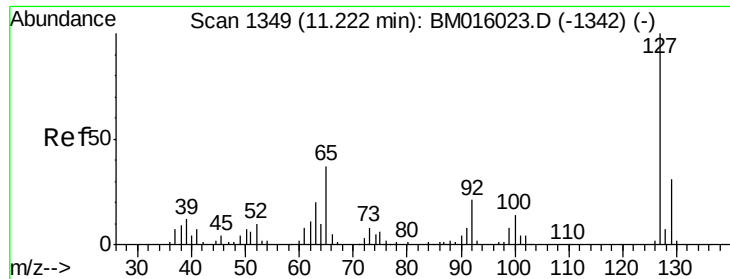
#32
Benzoic acid
Concen: 44.497 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion:122 Resp: 31895
Ion Ratio Lower Upper
122 100
105 123.2 99.9 139.9
77 111.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
15000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

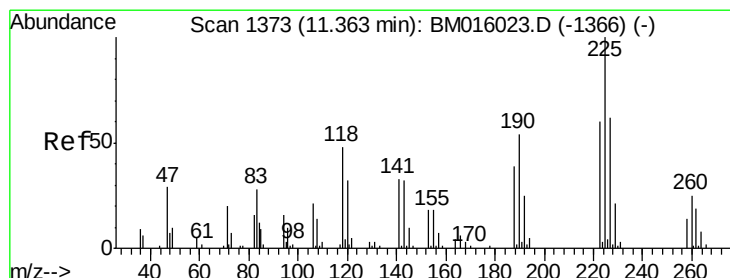
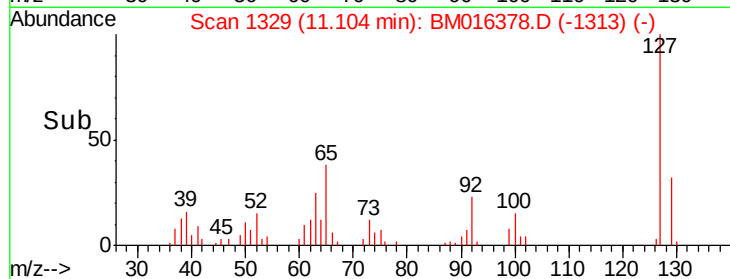
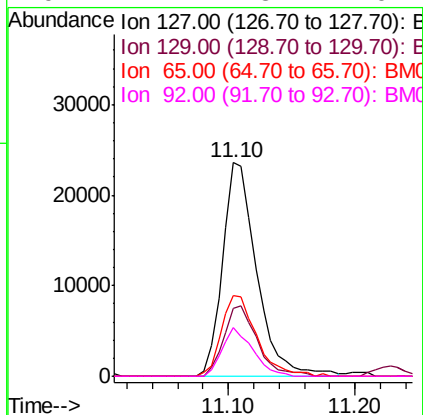
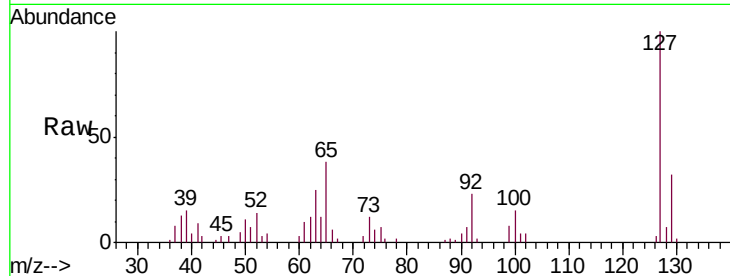




#33
4-Chloroaniline
Concen: 28.604 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

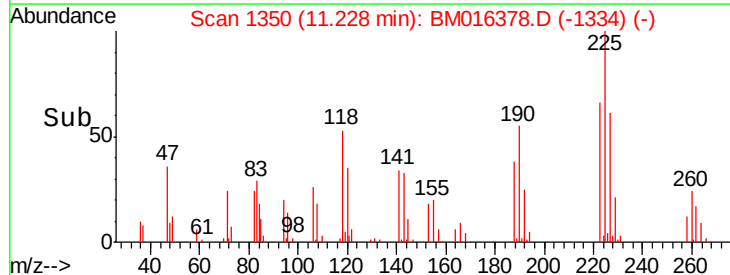
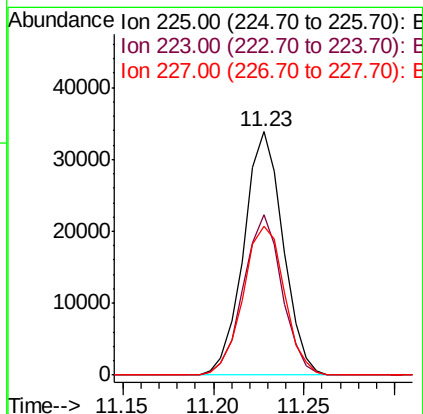
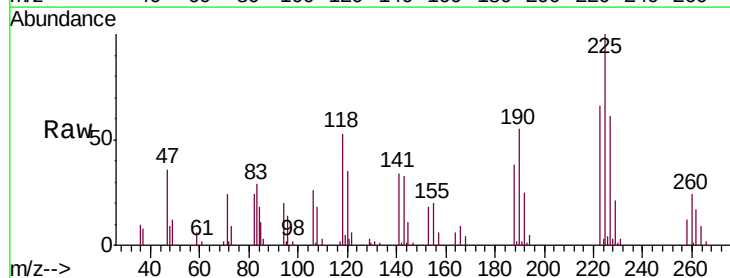
Instrument :
BNA_M
ClientSampleId :
PB112017BS

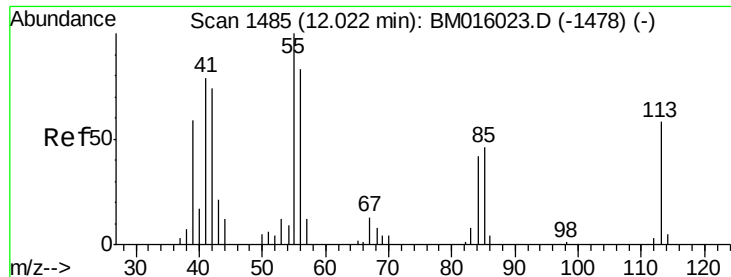
Tgt Ion:127 Resp: 44134
Ion Ratio Lower Upper
127 100
129 31.8 25.3 37.9
65 37.5 17.6 26.4#
92 22.7 13.1 19.7#



#34
Hexachlorobutadiene
Concen: 54.149 ng
RT: 11.23 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion:225 Resp: 50992
Ion Ratio Lower Upper
225 100
223 65.8 47.9 71.9
227 61.2 50.1 75.1





#35

Caprolactam

Concen: 38.805 ng

RT: 11.92 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

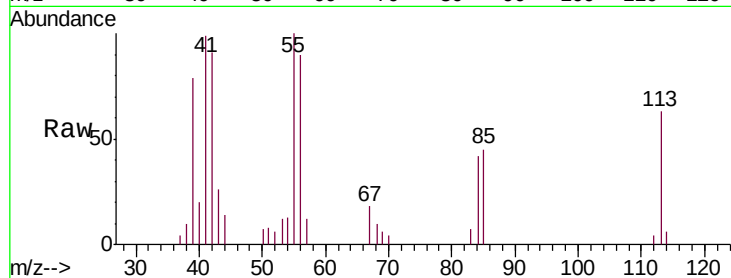
Tgt Ion:113 Resp: 12009

Ion Ratio Lower Upper

113 100

55 157.8 145.9 185.9

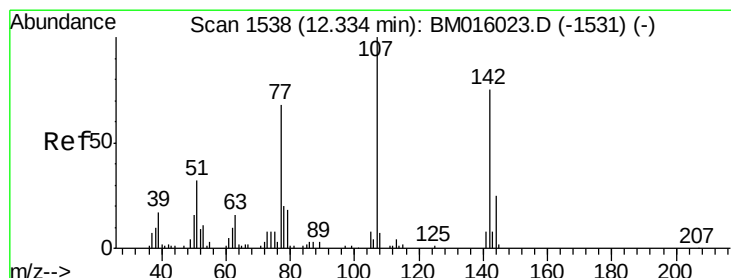
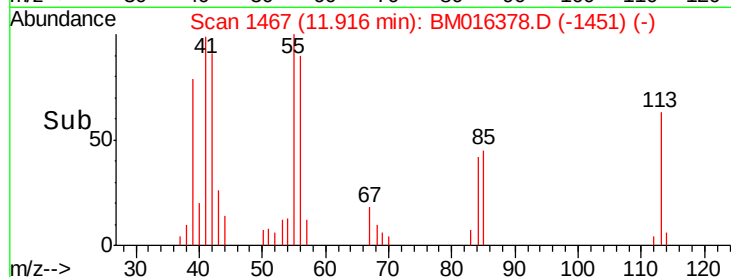
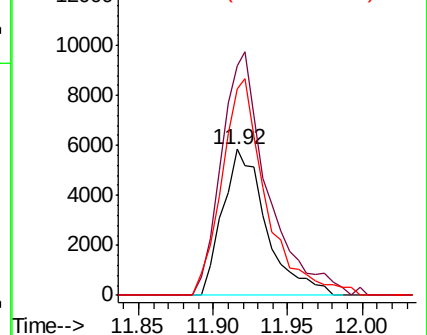
56 142.1 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 43.916 ng

RT: 12.23 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

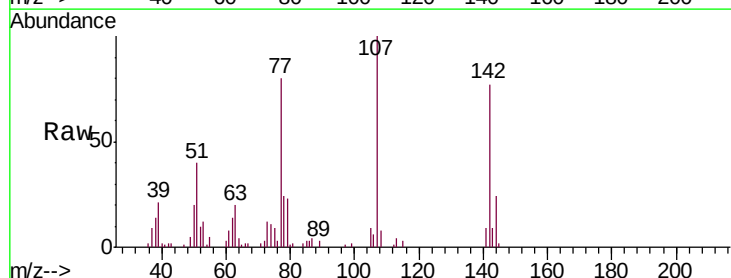
Tgt Ion:107 Resp: 53971

Ion Ratio Lower Upper

107 100

144 24.1 23.3 34.9

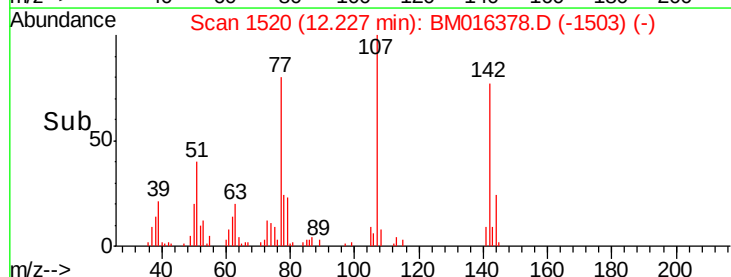
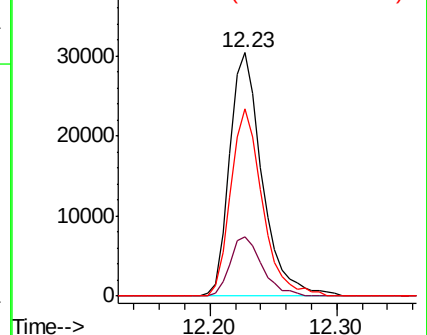
142 77.1 72.6 109.0

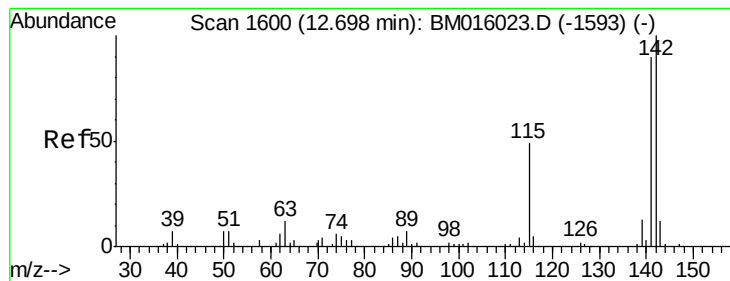


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.782 ng

RT: 12.57 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

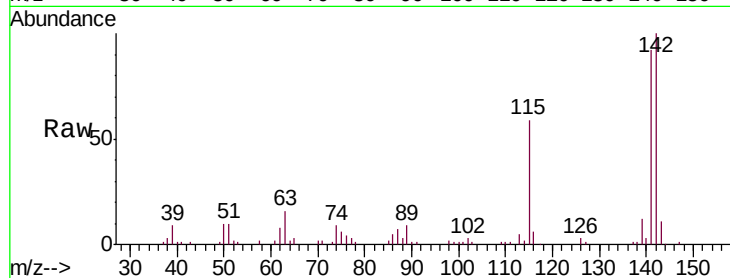
Tgt Ion:142 Resp: 126089

Ion Ratio Lower Upper

142 100

141 91.9 71.9 107.9

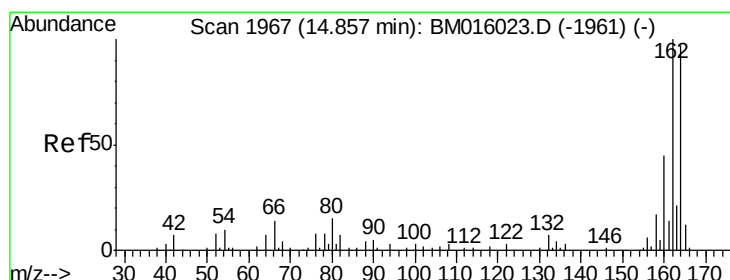
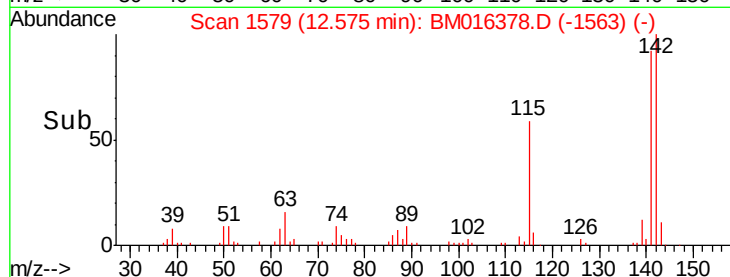
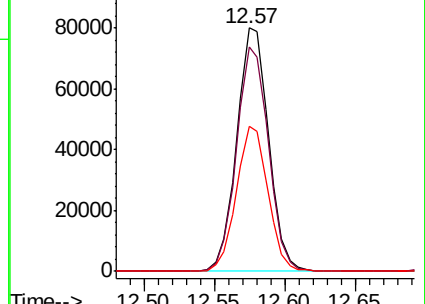
115 59.4 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

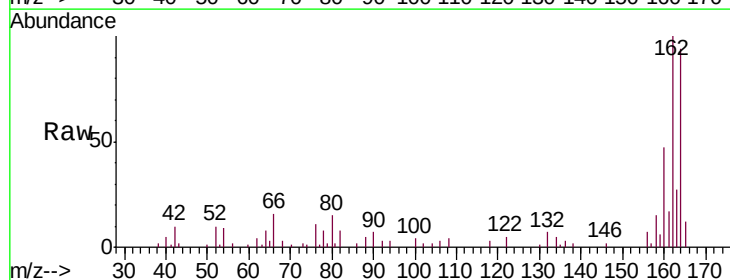
Tgt Ion:164 Resp: 37251

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

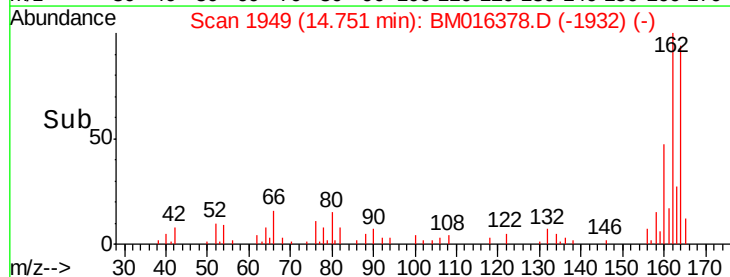
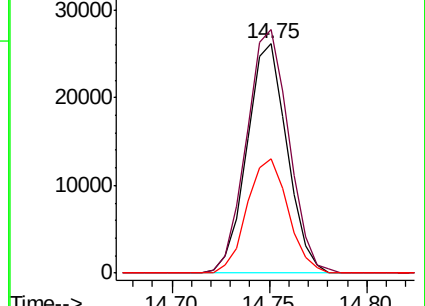
160 50.0 35.8 53.6

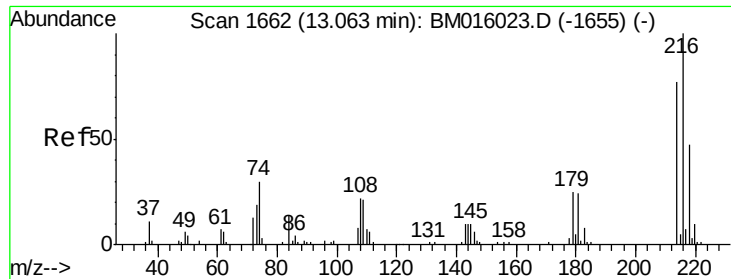


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

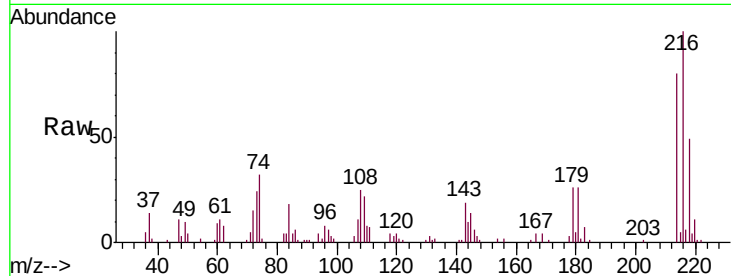




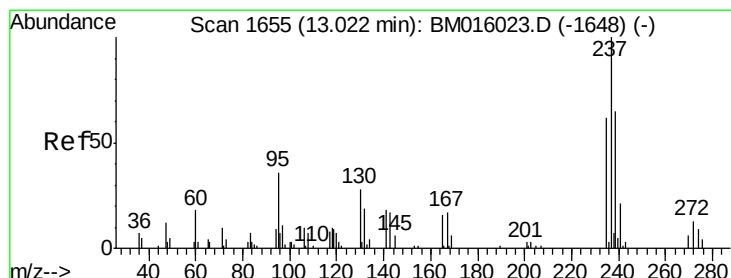
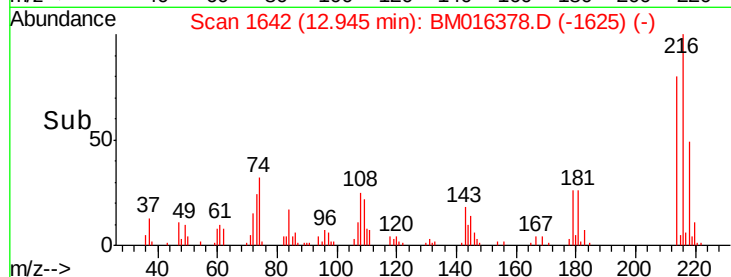
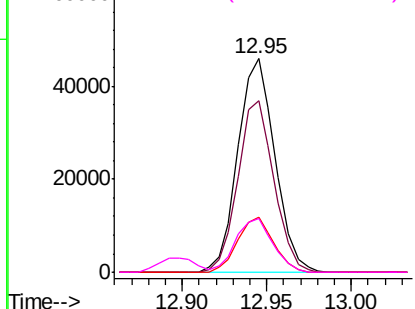
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.266 ng
 RT: 12.95 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

Tgt Ion:	216	Resp:	70089
Ion	Ratio	Lower	Upper
216	100		
214	78.3	0.0	0.0#
179	25.0	0.0	0.0#
108	25.3	0.0	0.0#

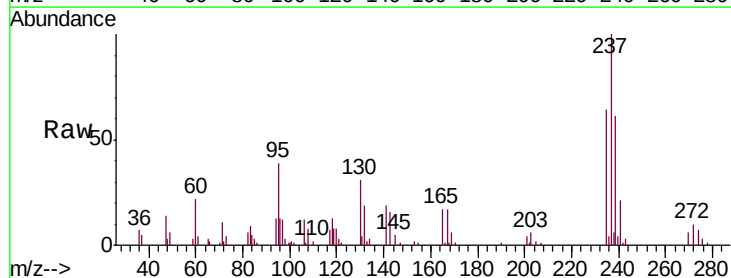


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

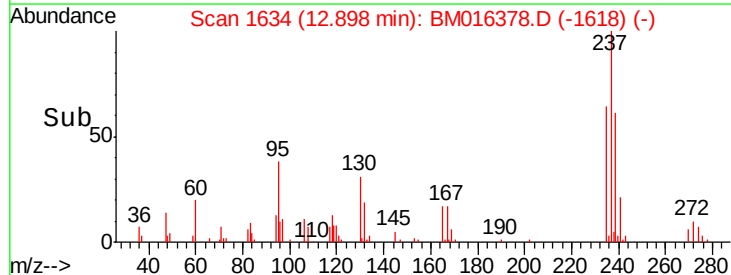
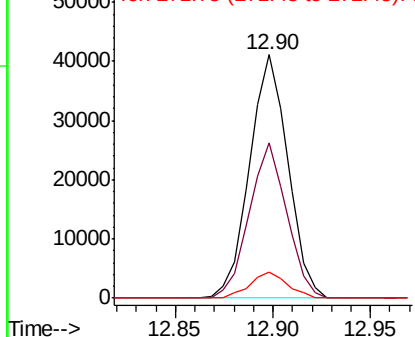


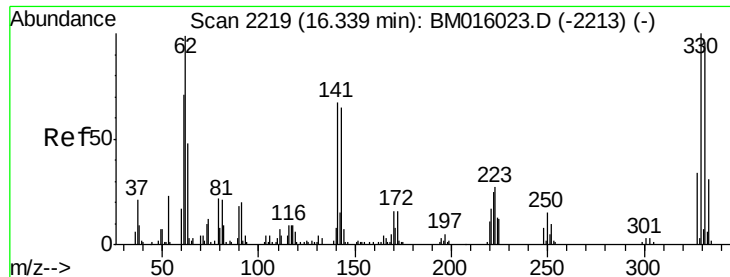
#40
 Hexachlorocyclopentadiene
 Concen: 88.953 ng
 RT: 12.90 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion:	237	Resp:	55965
Ion	Ratio	Lower	Upper
237	100		
235	63.9	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

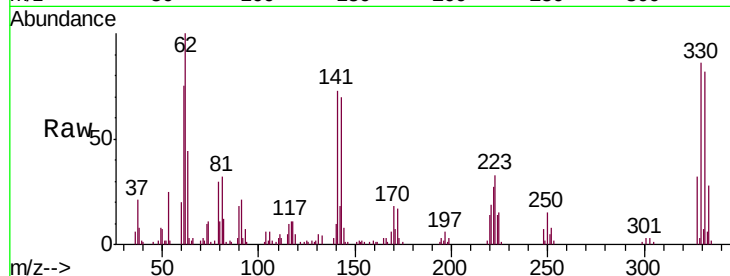




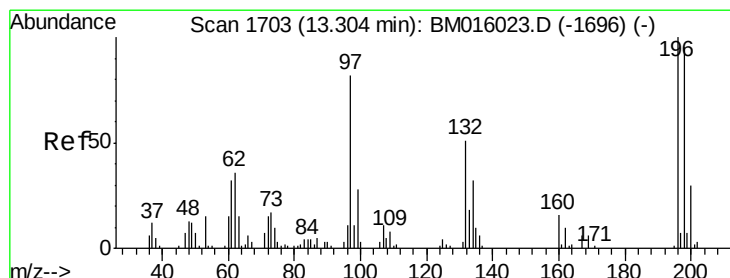
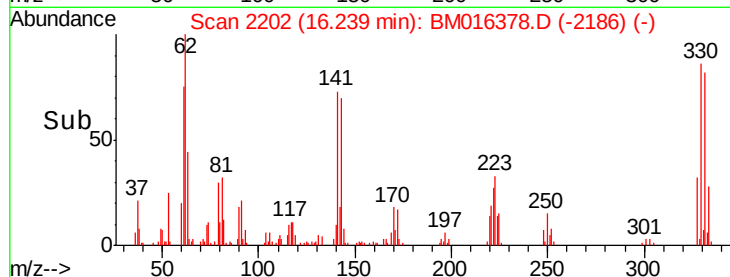
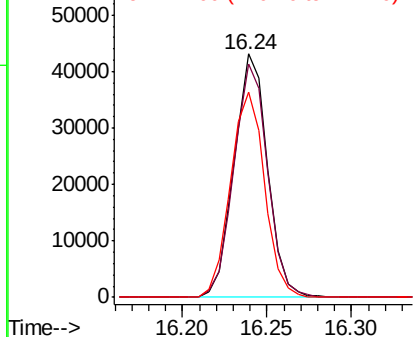
#41
 2,4,6-Tribromophenol
 Concen: 88.953 ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

Tgt Ion:330 Resp: 59221
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 86.1 0.0 0.0#

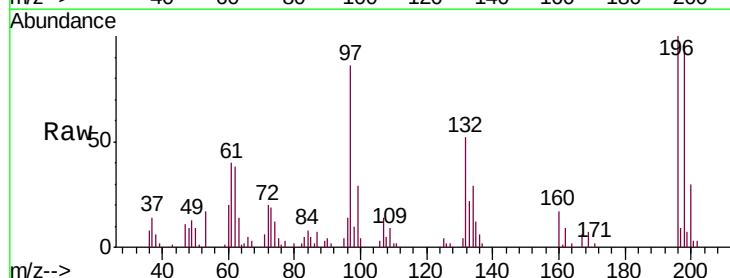


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

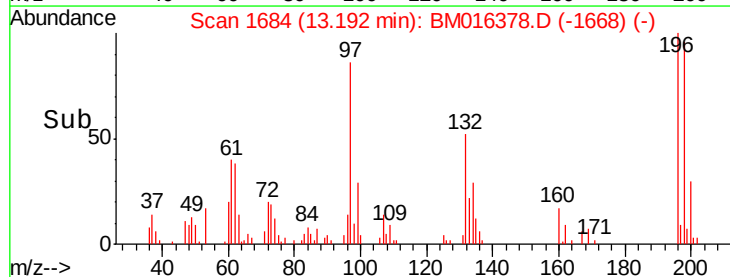
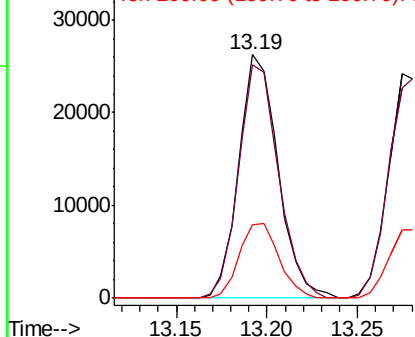


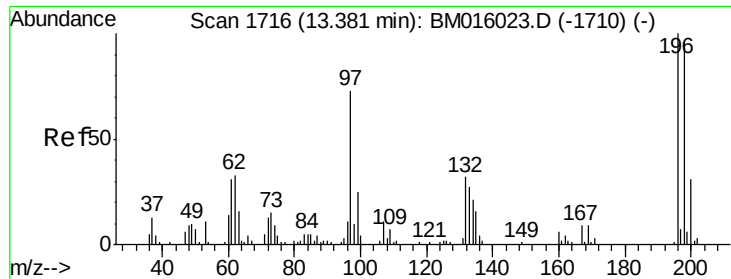
#42
 2,4,6-Trichlorophenol
 Concen: 50.090 ng
 RT: 13.19 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion:196 Resp: 39744
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.3 114.5
 200 30.1 25.6 38.4



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

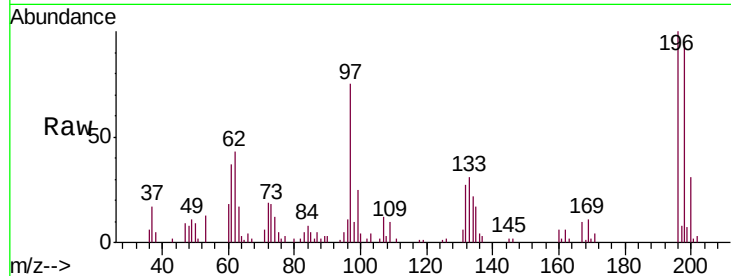




#43
 2,4,5-Trichlorophenol
 Concen: 50.789 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

Tgt Ion	Resp	Lower	Upper
196	41568		
196	100		
198	93.6	79.4	119.0
97	75.0	26.8	40.2
132	26.8	18.6	28.0



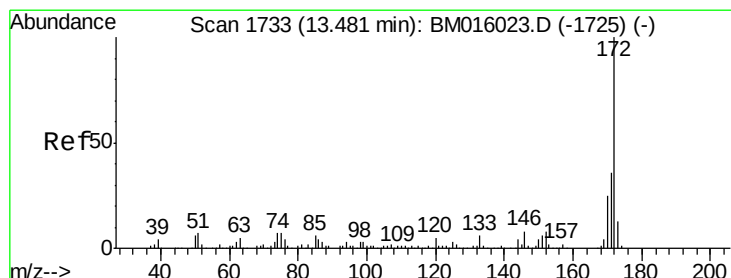
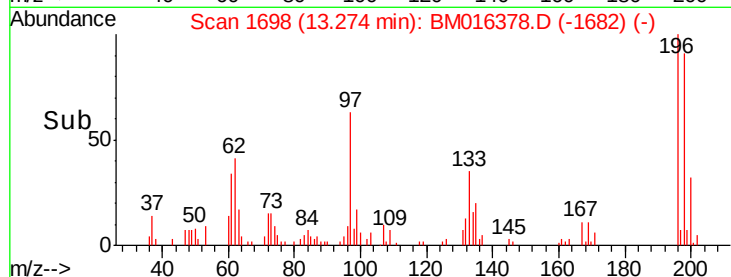
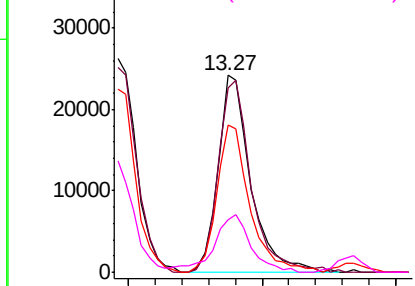
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

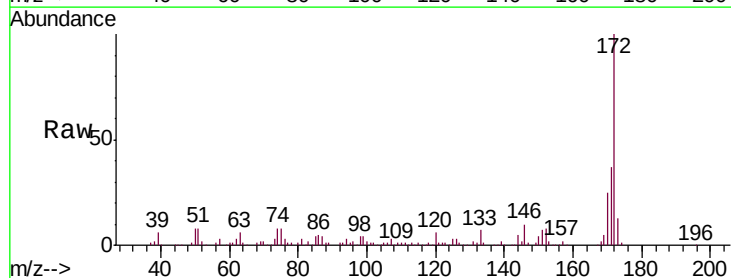
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 50.789 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion	Resp	Lower	Upper
172	297336		
172	100		
171	36.7	28.5	42.7
170	24.9	18.8	28.2

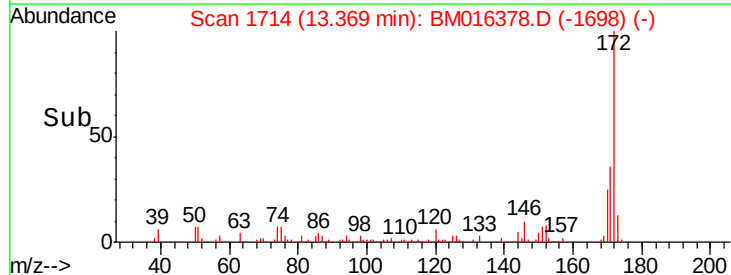
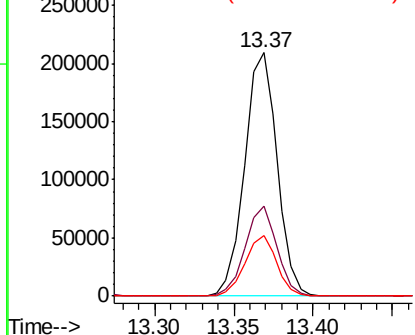


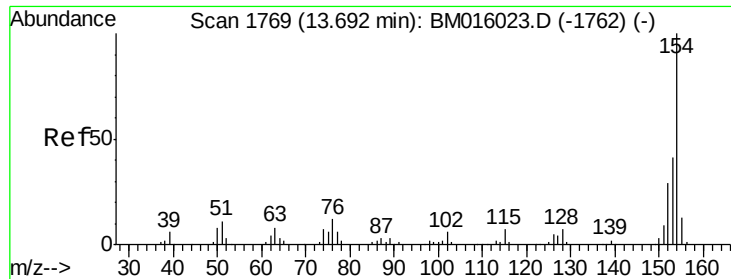
Abundance

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

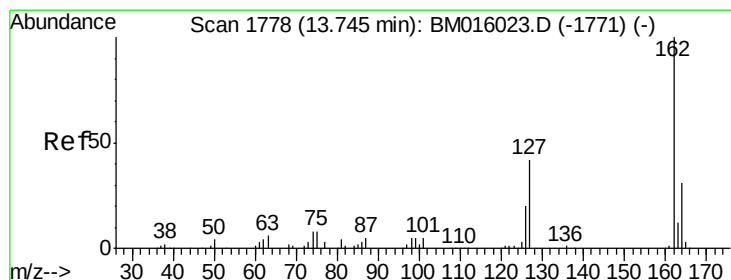
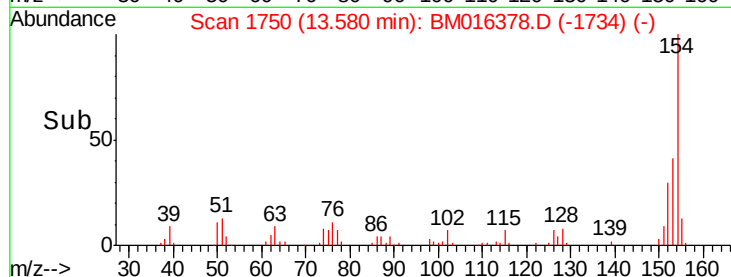
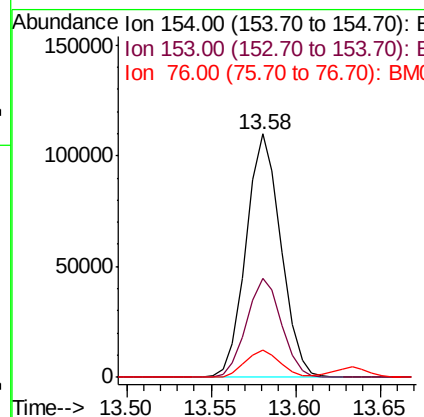
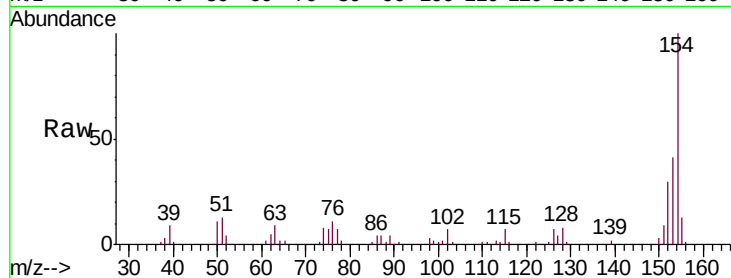




#45
 1,1'-Biphenyl
 Concen: 46.922 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

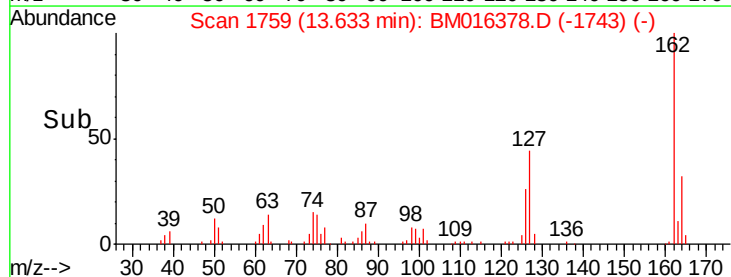
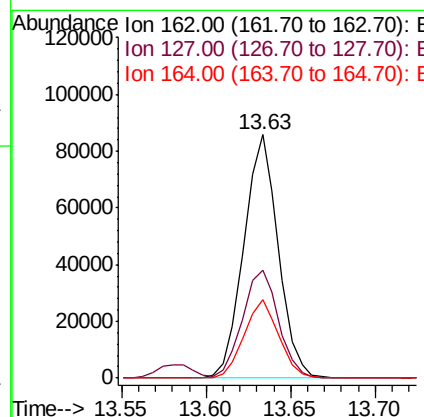
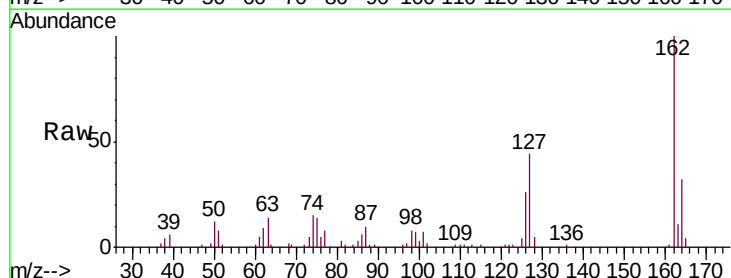
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

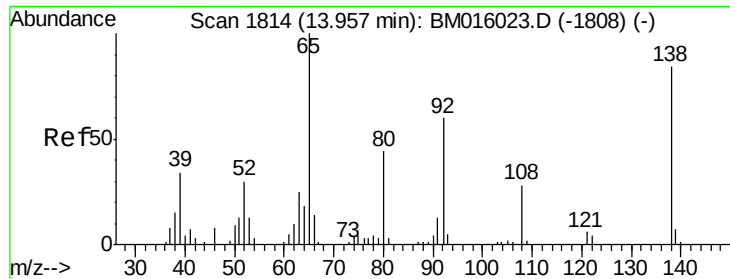
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	11.0	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 46.514 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.2	26.9	40.3#
164	32.3	26.8	40.2

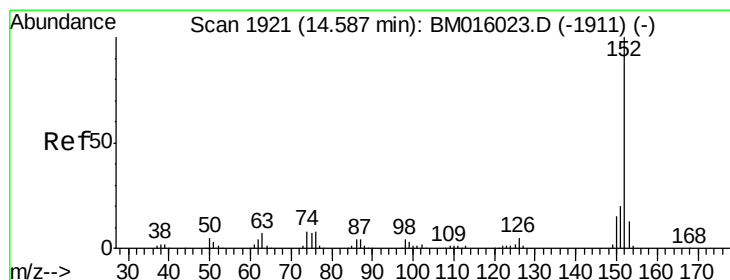
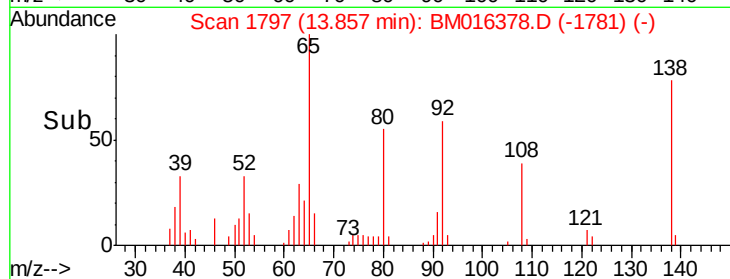
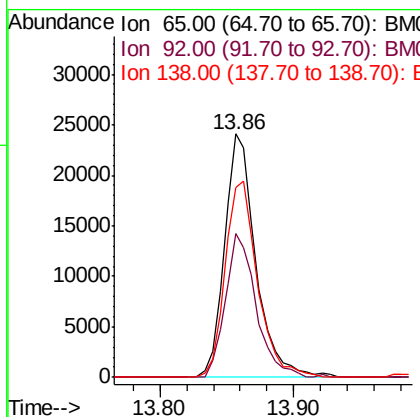
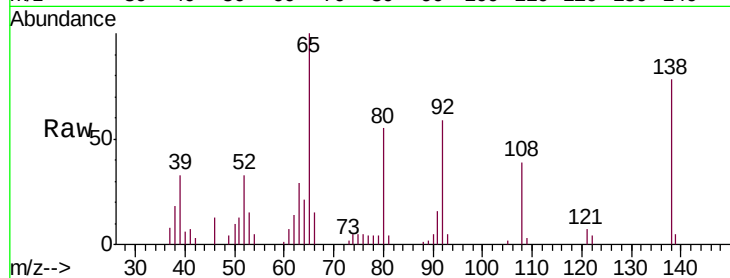




#47
2-Nitroaniline
Concen: 45.759 ng
RT: 13.86 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

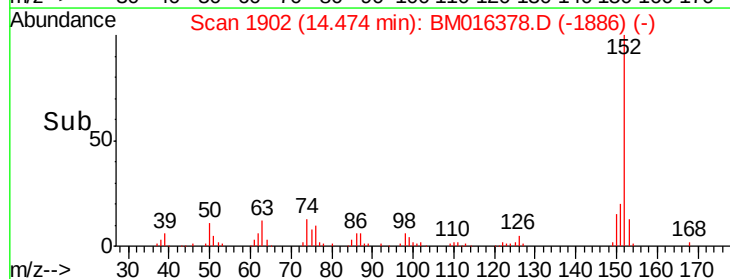
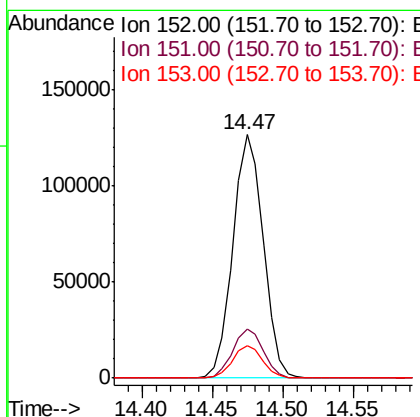
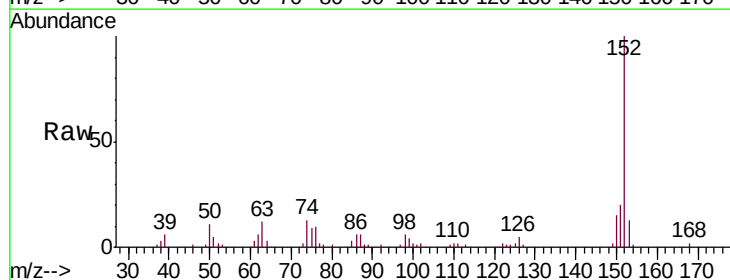
Instrument :
BNA_M
ClientSampleId :
PB112017BS

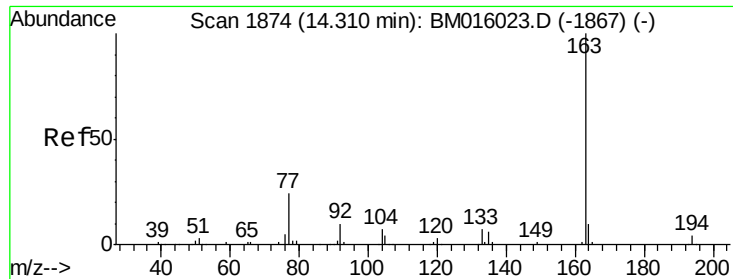
Tgt Ion: 65 Resp: 39557
Ion Ratio Lower Upper
65 100
92 59.2 59.1 88.7
138 77.8 93.9 140.9#



#48
Acenaphthylene
Concen: 49.659 ng
RT: 14.47 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion: 152 Resp: 190086
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.4 10.6 16.0





#49

Dimethylphthalate

Concen: 46.219 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

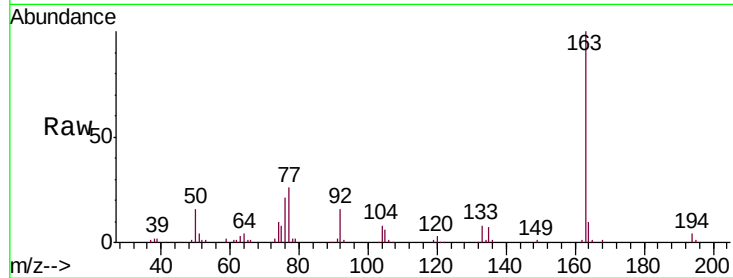
Tgt Ion:163 Resp: 150676

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

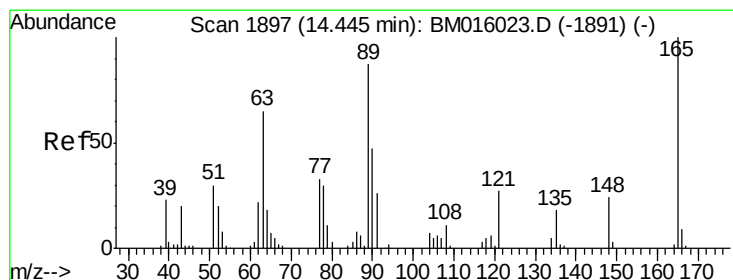
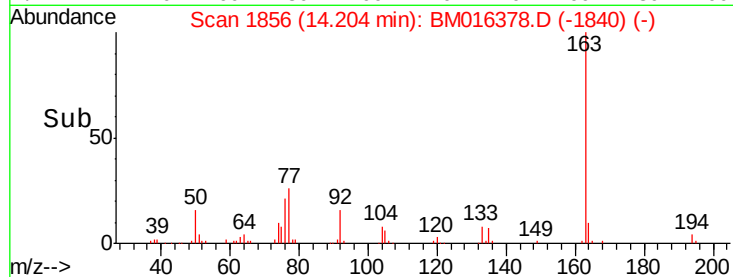
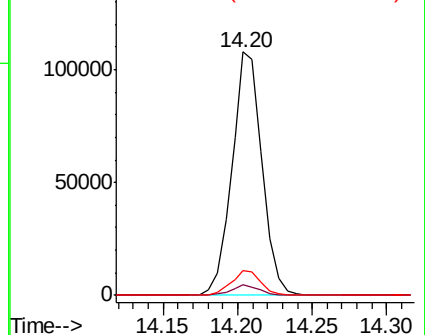
164 10.0 8.2 12.2



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: 44.555 ng

RT: 14.35 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

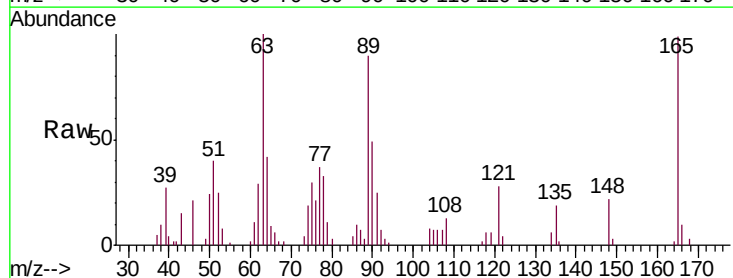
Tgt Ion:165 Resp: 29225

Ion Ratio Lower Upper

165 100

63 101.2 44.1 66.1#

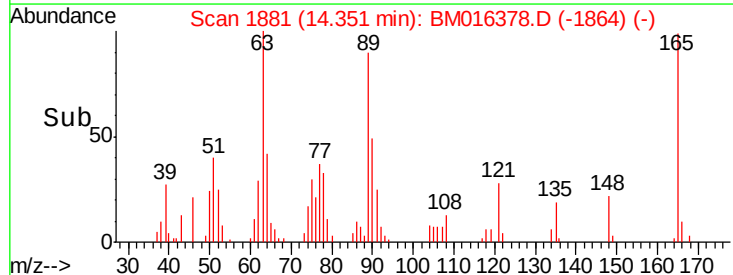
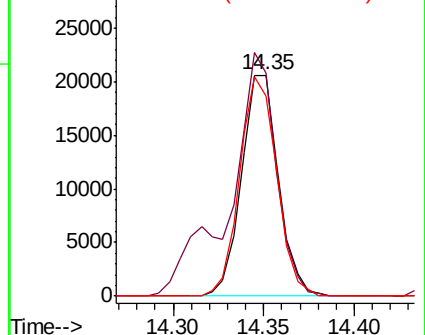
89 90.8 44.3 66.5#

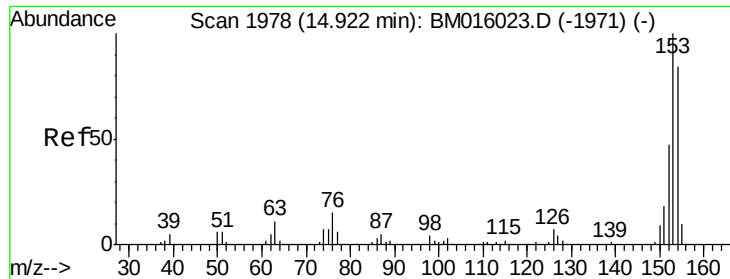


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 45.885 ng

RT: 14.81 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

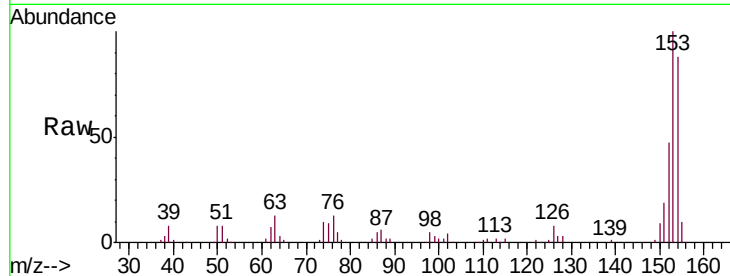
Tgt Ion:154 Resp: 108020

Ion Ratio Lower Upper

154 100

153 113.5 90.0 135.0

152 53.9 42.6 63.8

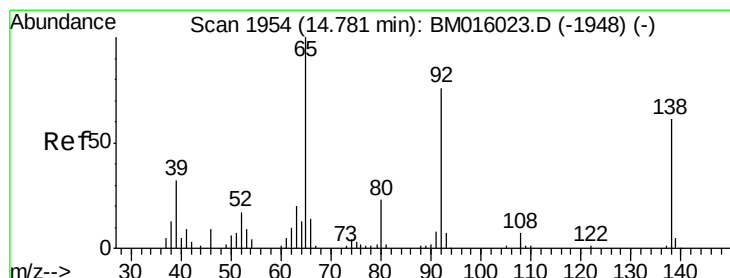
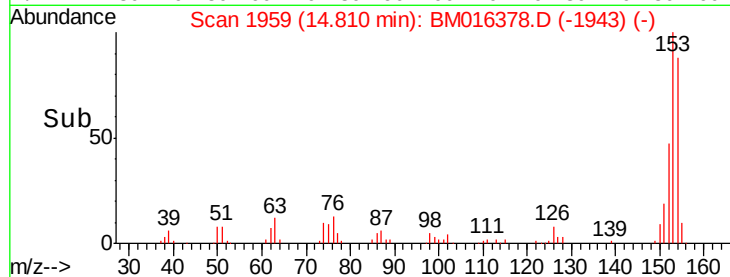
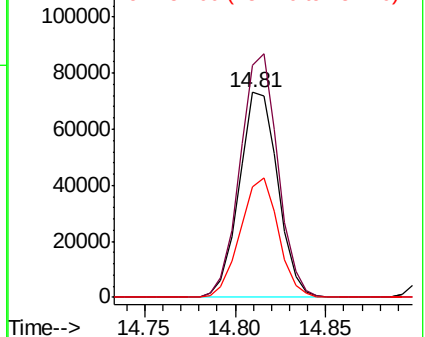


Abundance

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: 28.474 ng

RT: 14.69 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

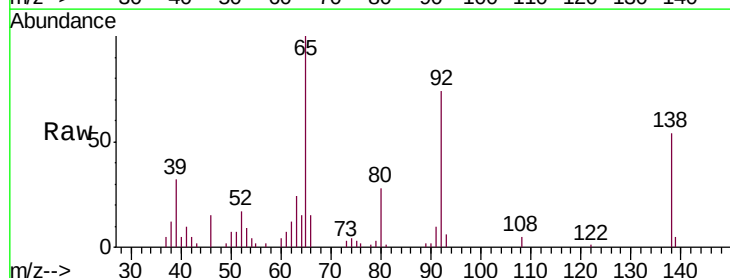
Tgt Ion:138 Resp: 20173

Ion Ratio Lower Upper

138 100

108 10.1 7.3 10.9

92 138.2 76.6 114.8#

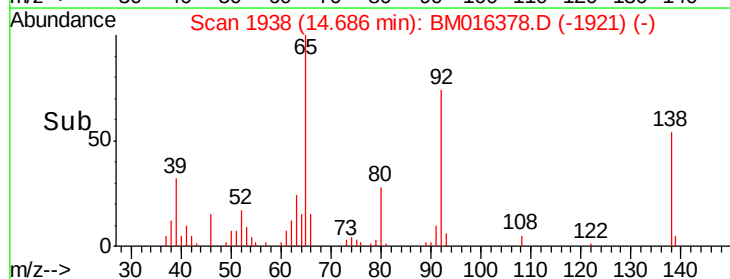
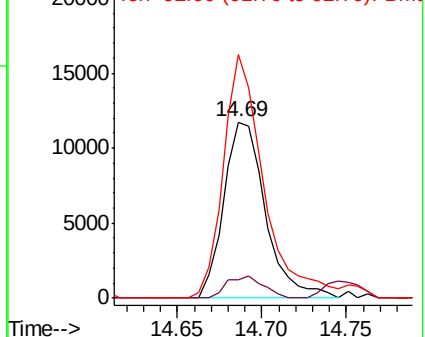


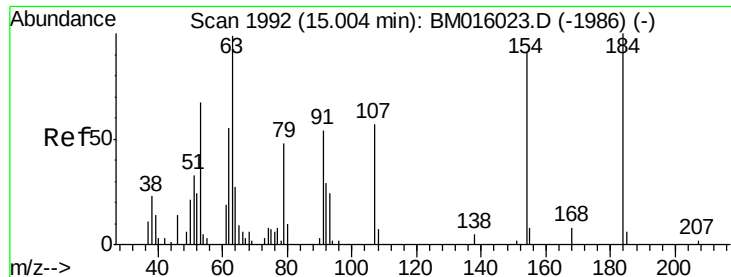
Abundance

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): BM

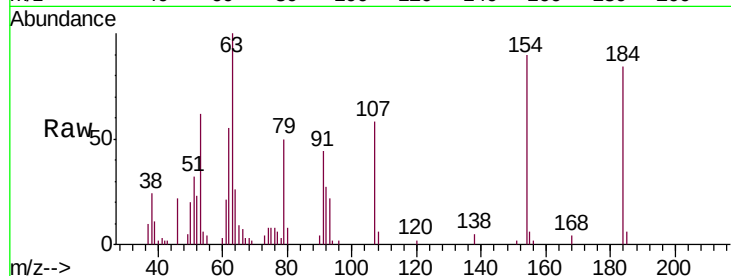




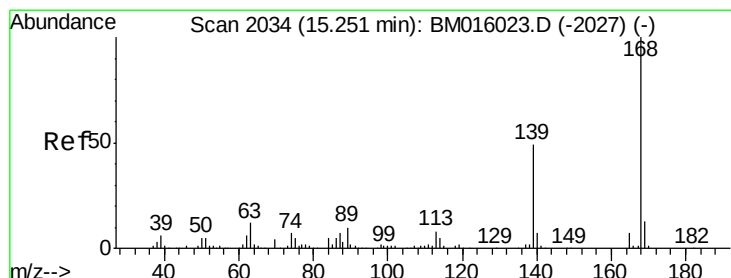
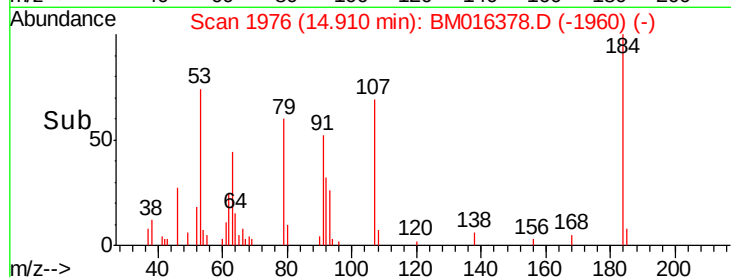
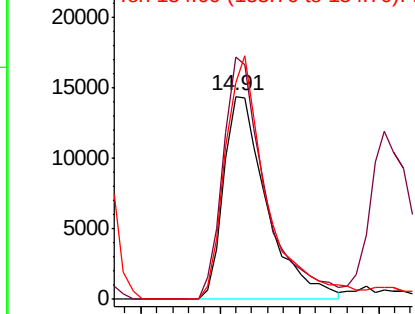
#53
 2,4-Dinitrophenol
 Concen: 95.344 ng
 RT: 14.91 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

Tgt Ion:184 Resp: 27212
 Ion Ratio Lower Upper
 184 100
 63 119.3 69.2 103.8#
 154 107.0 53.3 79.9#

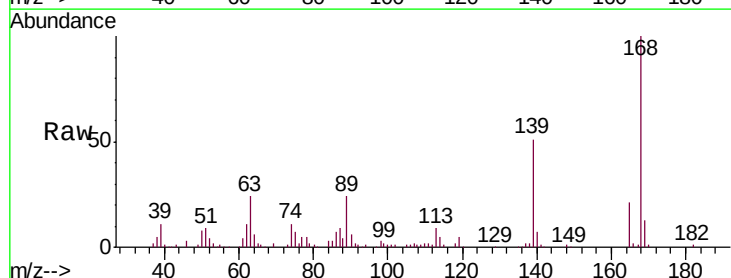


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 154.00 (153.70 to 154.70): E

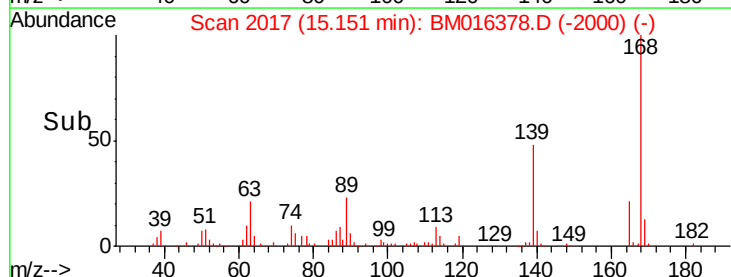
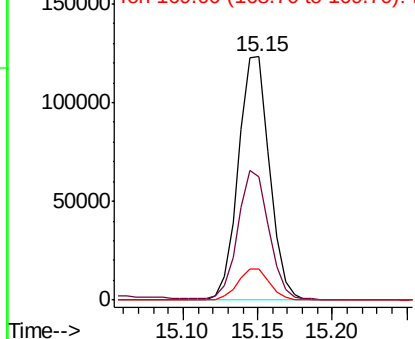


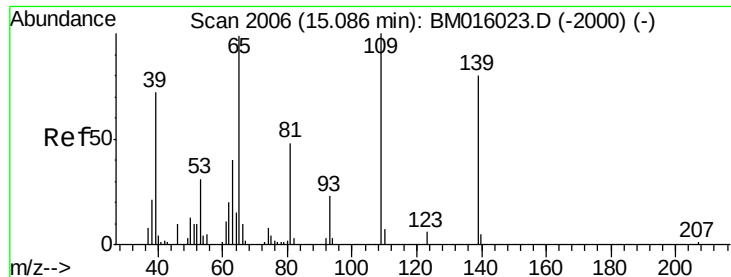
#54
 Dibenzofuran
 Concen: 46.103 ng
 RT: 15.15 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion:168 Resp: 178852
 Ion Ratio Lower Upper
 168 100
 139 50.5 27.3 40.9#
 169 12.6 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 77.789 ng

RT: 15.00 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

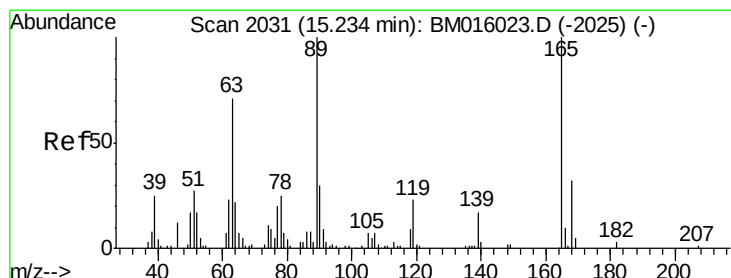
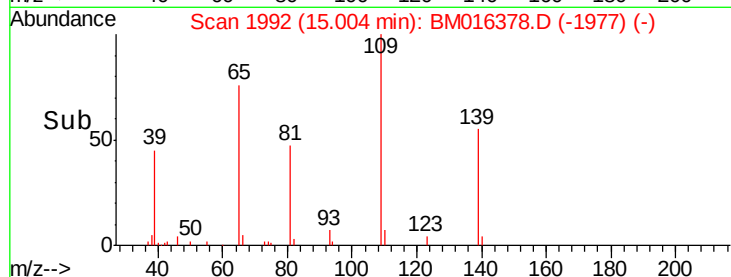
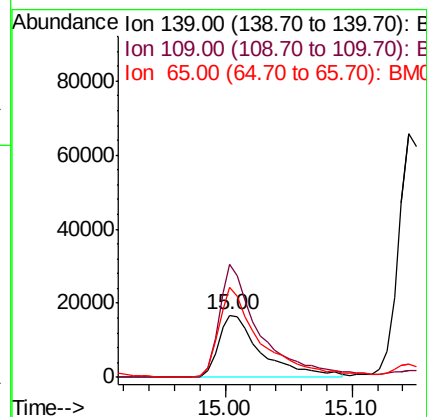
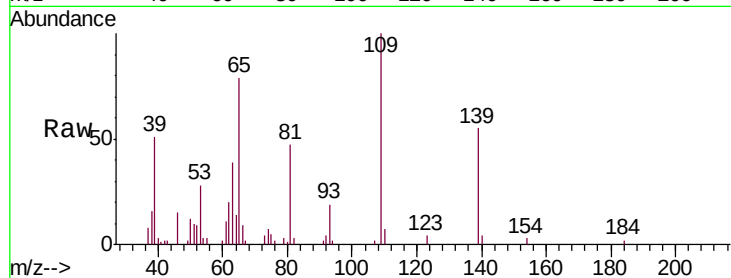
Tgt Ion:139 Resp: 39508

Ion Ratio Lower Upper

139 100

109 181.9 130.0 170.0#

65 144.6 130.0 170.0



#56

2,4-Dinitrotoluene

Concen: 46.758 ng

RT: 15.14 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Tgt Ion:165 Resp: 43854

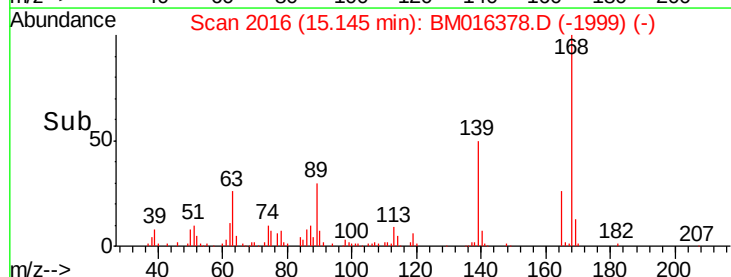
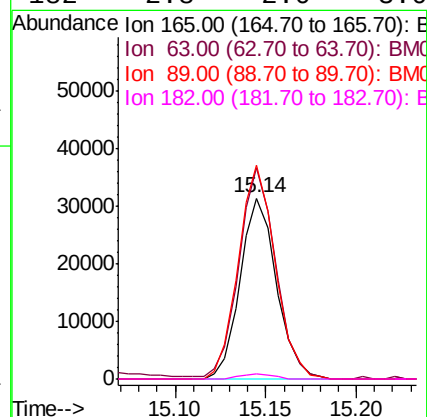
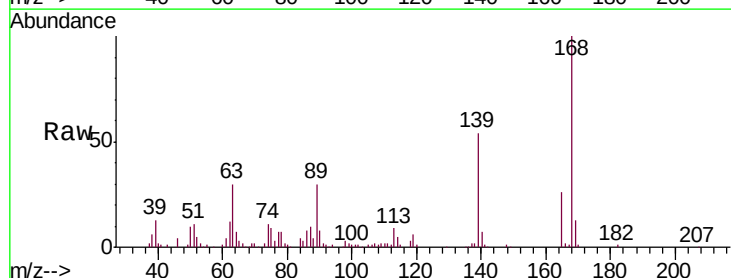
Ion Ratio Lower Upper

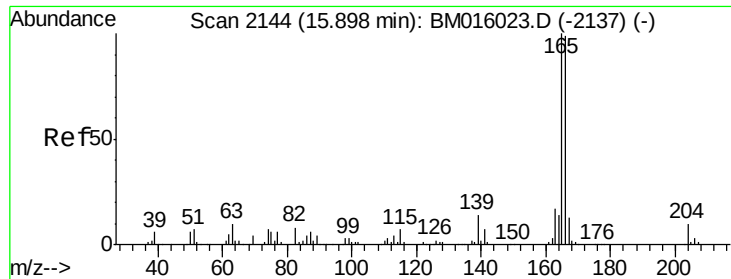
165 100

63 116.6 52.4 78.6#

89 118.0 72.4 108.6#

182 2.8 2.0 3.0

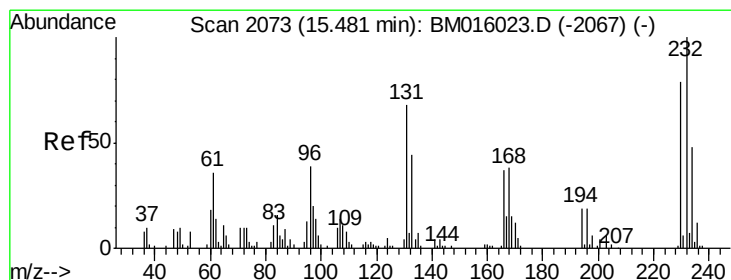
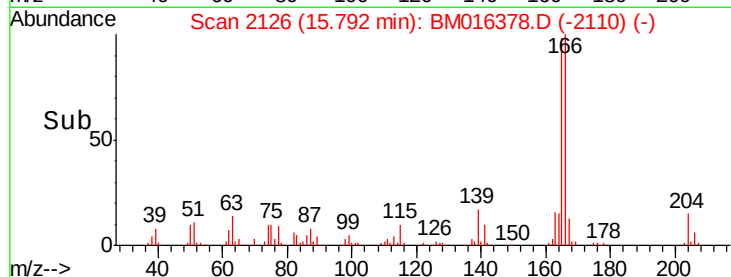
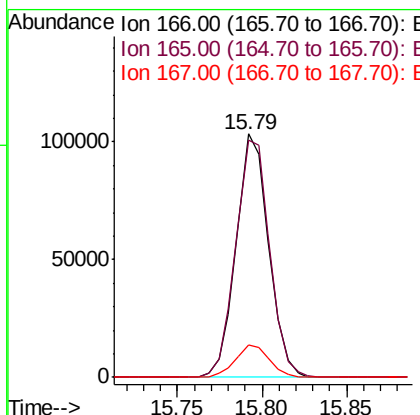
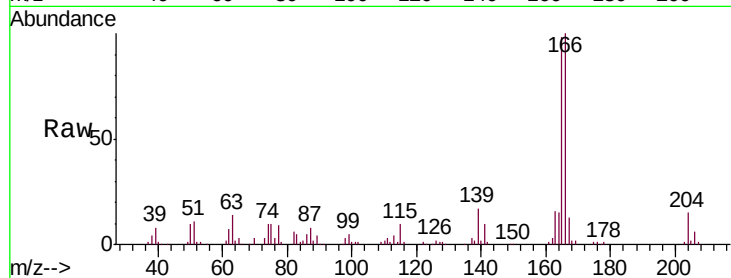




#57
 Fluorene
 Concen: 48.153 ng
 RT: 15.79 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

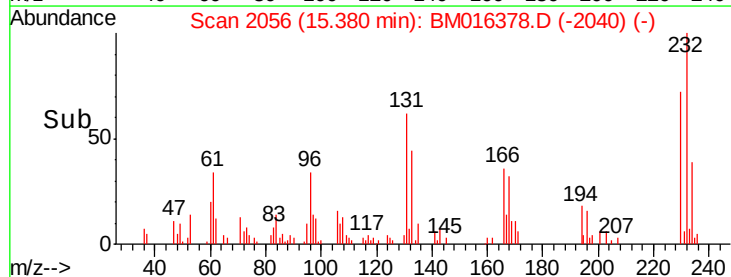
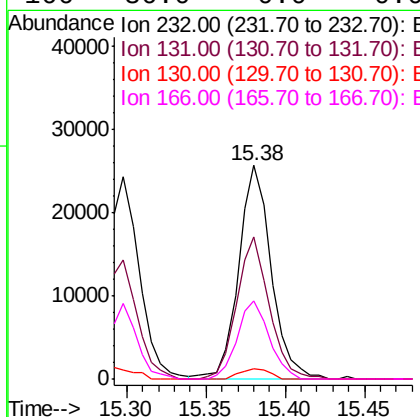
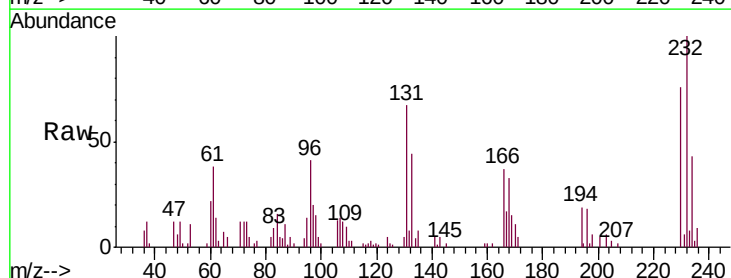
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

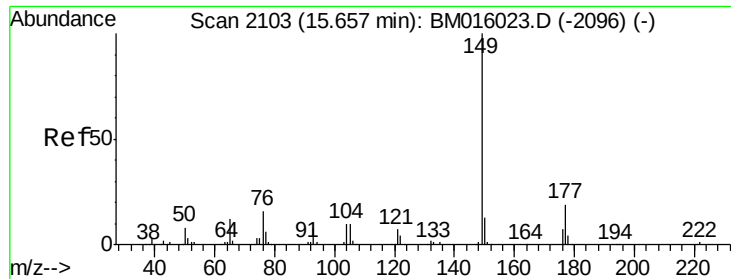
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.0	118.4
167	13.2	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.870 ng
 RT: 15.38 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	66.5	0.0	0.0#
130	4.3	0.0	0.0#
166	36.0	0.0	0.0#

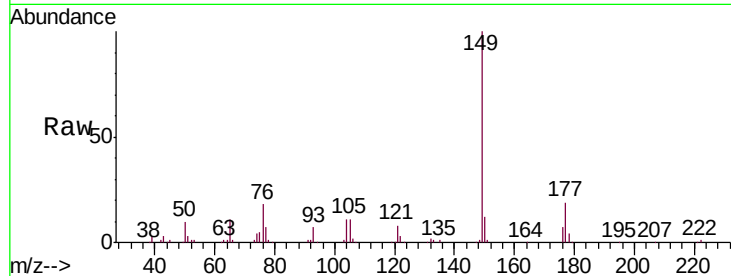




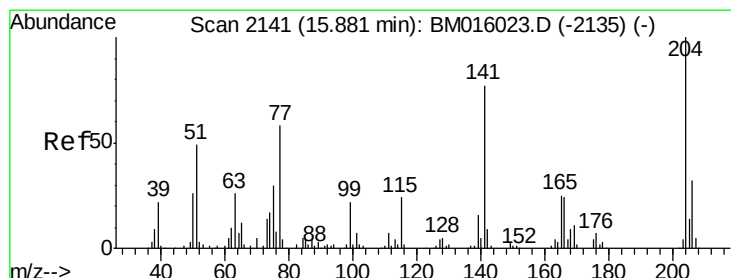
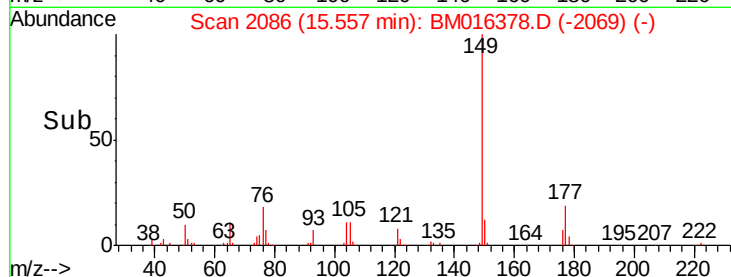
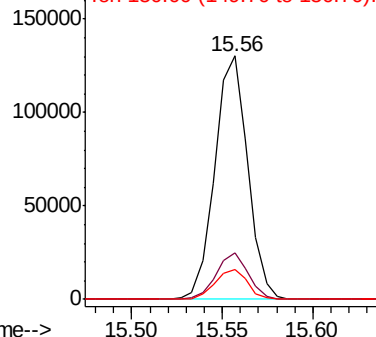
#59
Diethylphthalate
Concen: 46.552 ng
RT: 15.56 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Instrument :
BNA_M
ClientSampleId :
PB112017BS

Tgt Ion:149 Resp: 163576
Ion Ratio Lower Upper
149 100
177 19.1 18.3 27.5
150 12.1 9.8 14.8

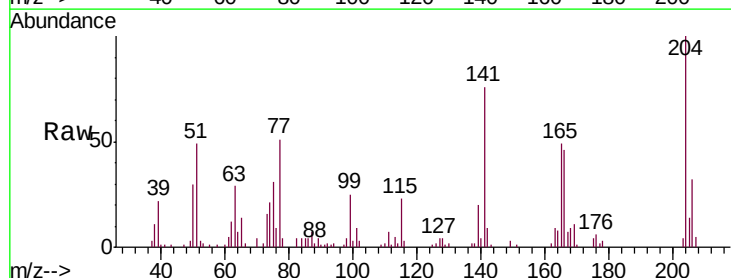


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

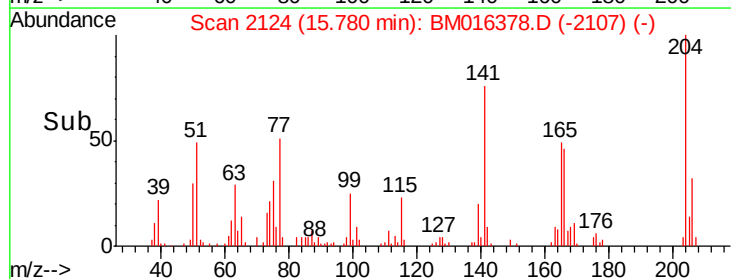
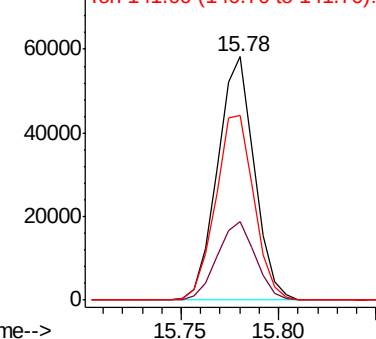


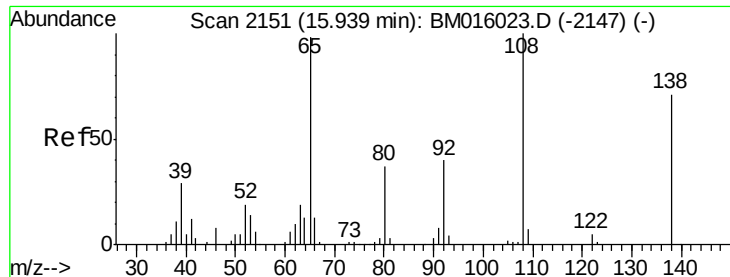
#60
4-Chlorophenyl-phenylether
Concen: 47.225 ng
RT: 15.78 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion:204 Resp: 75787
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 75.7 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: 38.318 ng

RT: 15.85 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

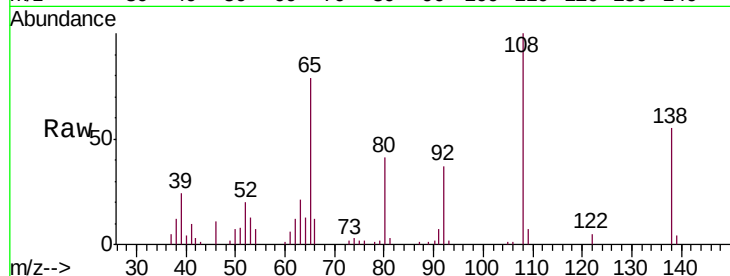
Tgt Ion:138 Resp: 26047

Ion Ratio Lower Upper

138 100

92 66.3 16.7 56.7#

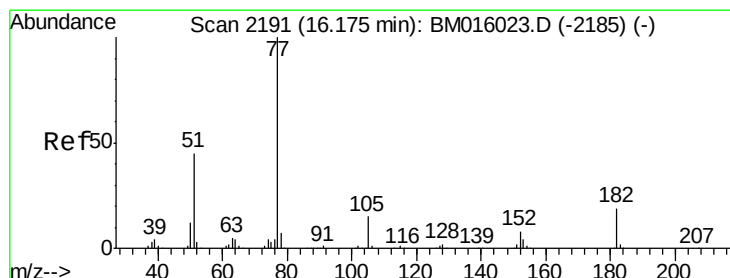
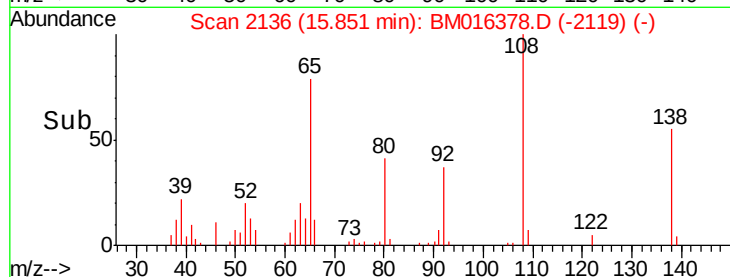
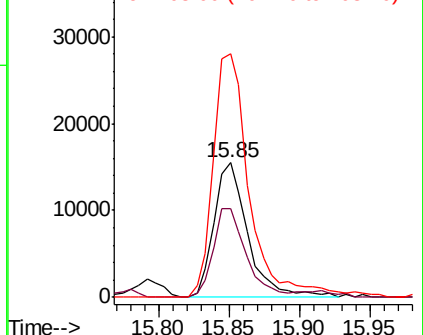
108 181.3 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.859 ng

RT: 16.07 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Tgt Ion: 77 Resp: 188209

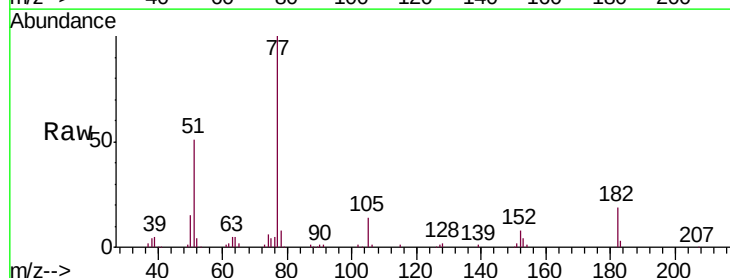
Ion Ratio Lower Upper

77 100

182 19.1 6.5 46.5

105 13.7 3.8 43.8

51 51.3 5.5 45.5#

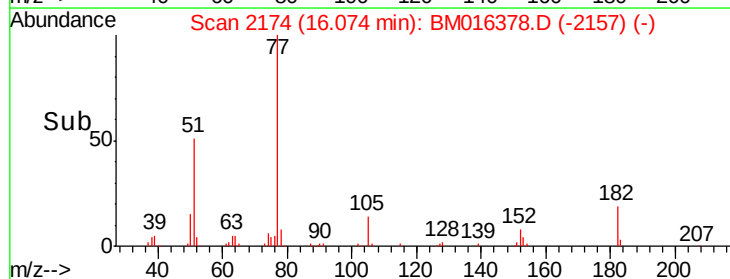
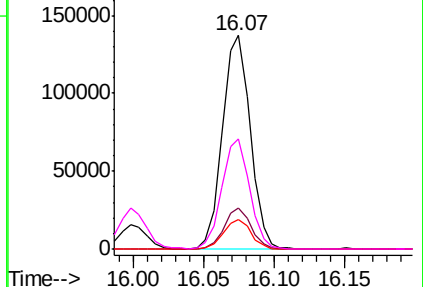


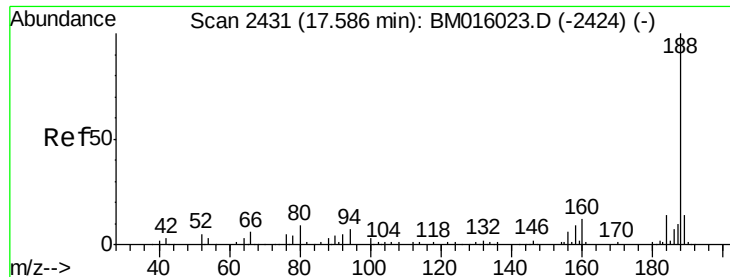
Abundance Ion 77.00 (76.70 to 77.70): BM

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): BM

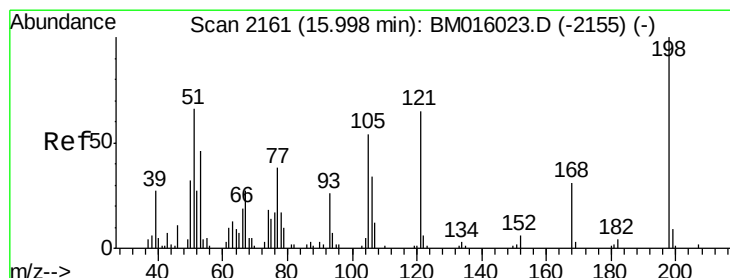
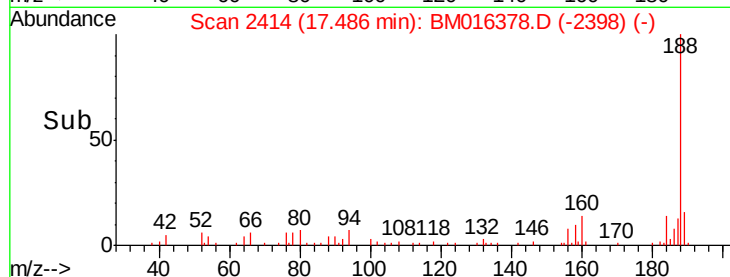
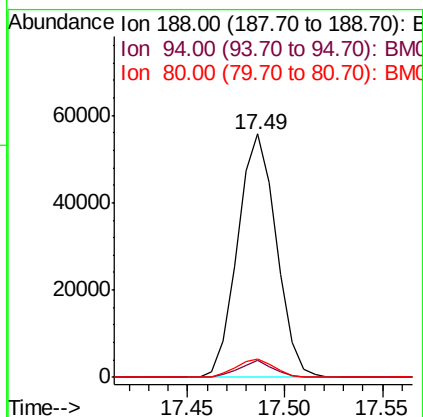
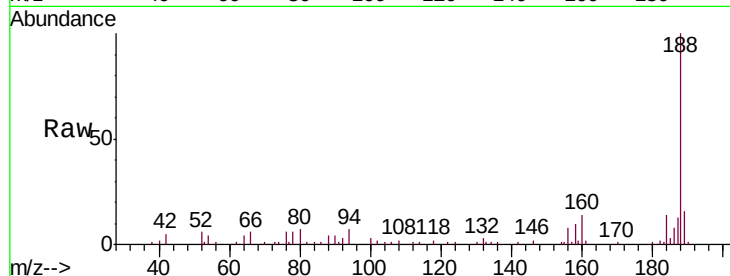




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

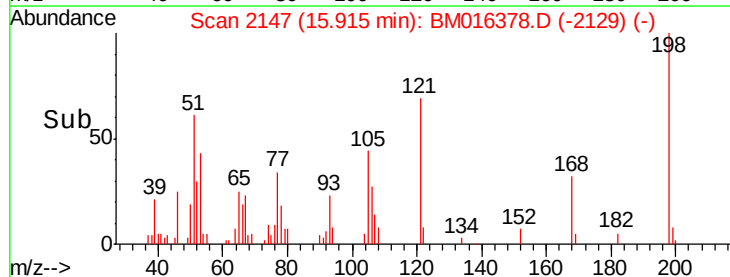
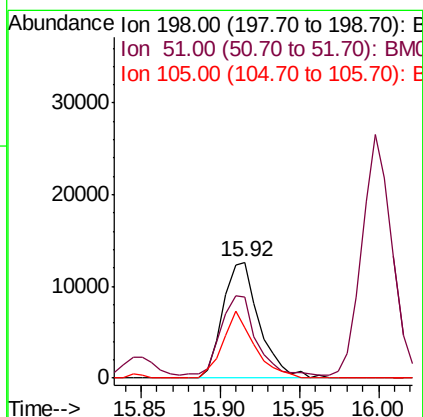
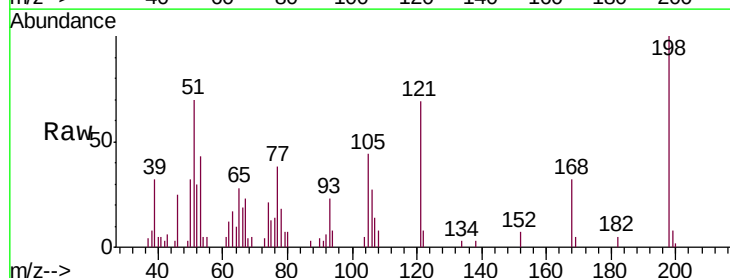
Instrument :
BNA_M
ClientSampleId :
PB112017BS

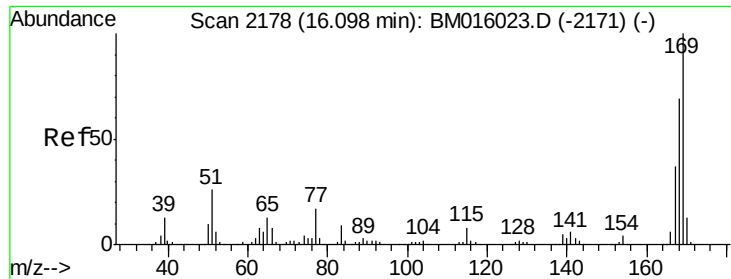
Tgt Ion:188 Resp: 76533
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 7.4 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.334 ng
RT: 15.92 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion:198 Resp: 20130
Ion Ratio Lower Upper
198 100
51 69.7 28.8 68.8#
105 43.8 30.5 70.5

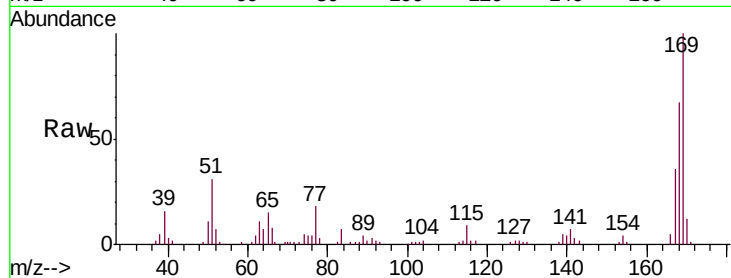




#65
 n-Nitrosodiphenylamine
 Concen: 45.721 ng
 RT: 16.00 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.9	80.9
167	35.9	28.9	43.3

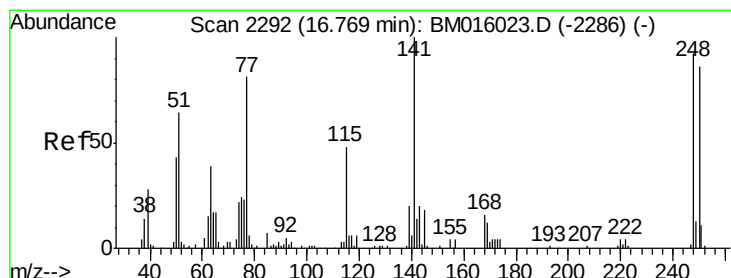
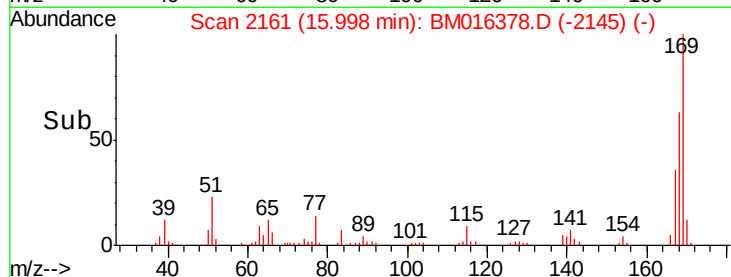
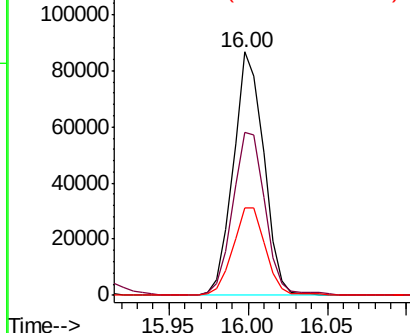


Abundance

Ion 169.00 (168.70 to 169.70): E

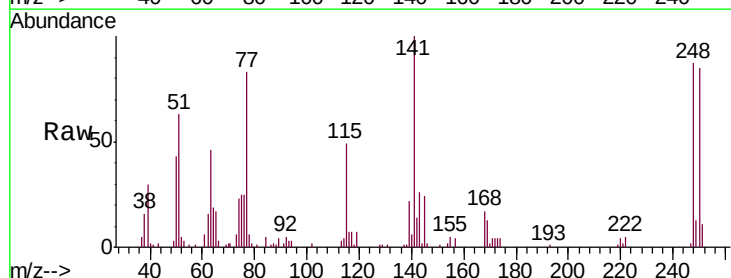
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 49.393 ng
 RT: 16.67 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.4	116.0
141	115.4	45.2	67.8

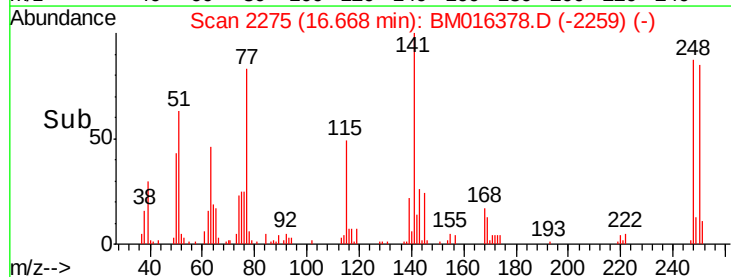
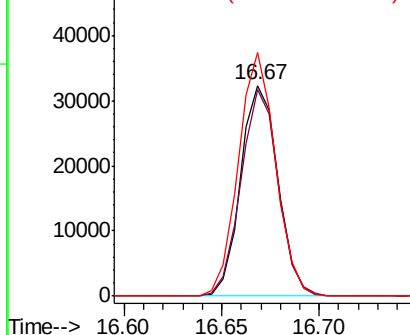


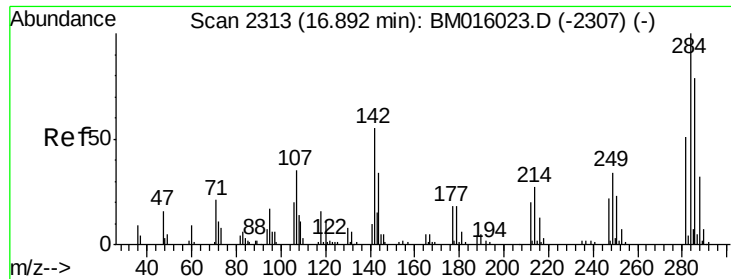
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.204 ng

RT: 16.79 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

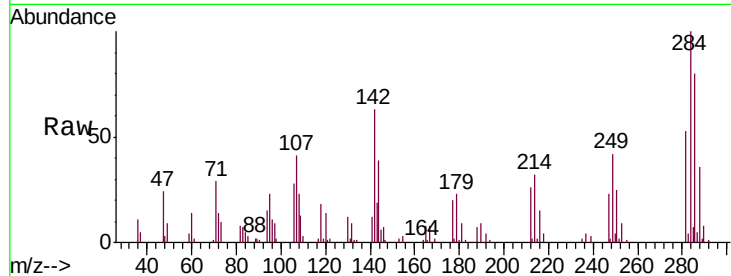
Tgt Ion:284 Resp: 42186

Ion Ratio Lower Upper

284 100

142 63.4 20.4 30.6#

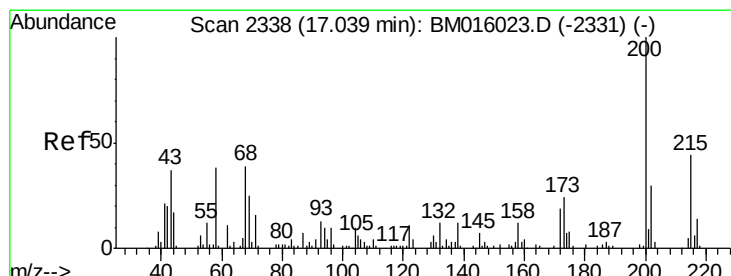
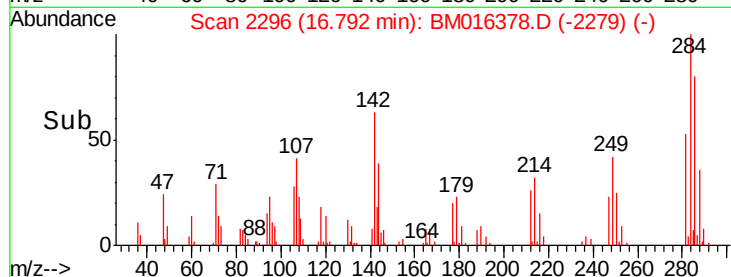
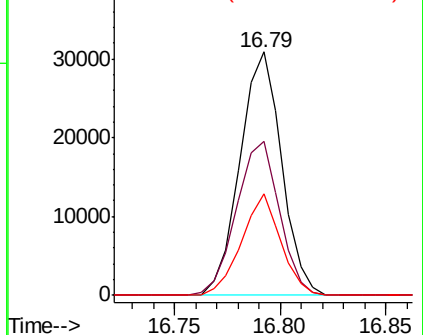
249 41.7 23.8 35.6#



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: 50.494 ng

RT: 16.94 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

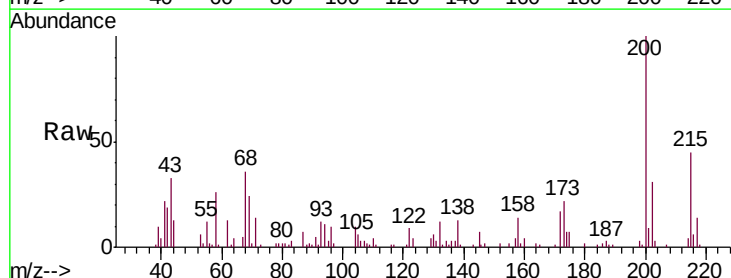
Tgt Ion:200 Resp: 45607

Ion Ratio Lower Upper

200 100

173 22.3 4.8 44.8

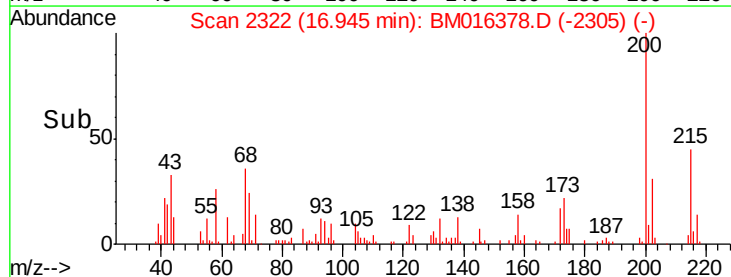
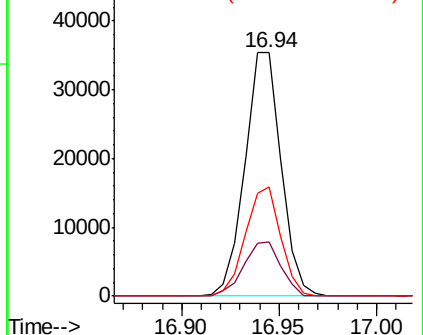
215 45.1 26.9 66.9

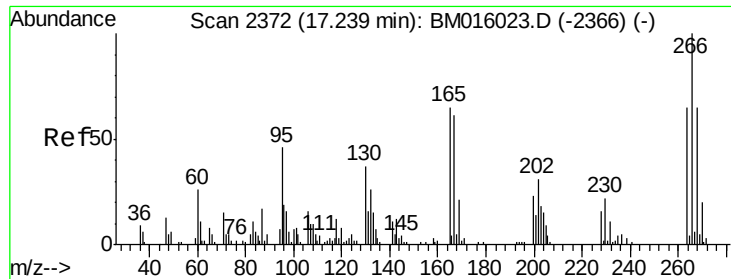


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 72.744 ng

RT: 17.14 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

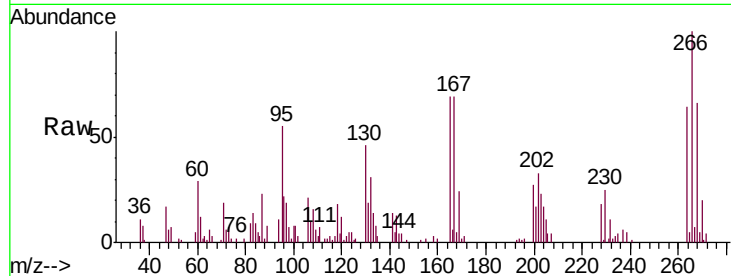
Tgt Ion:266 Resp: 42989

Ion Ratio Lower Upper

266 100

268 66.5 52.0 78.0

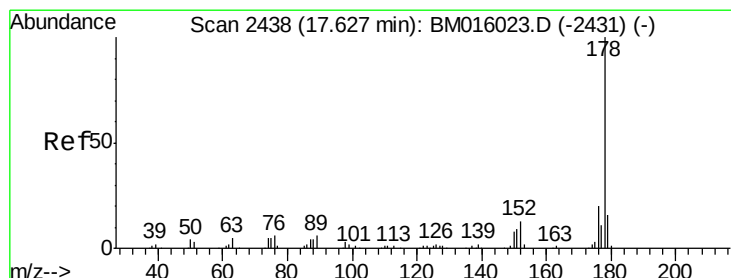
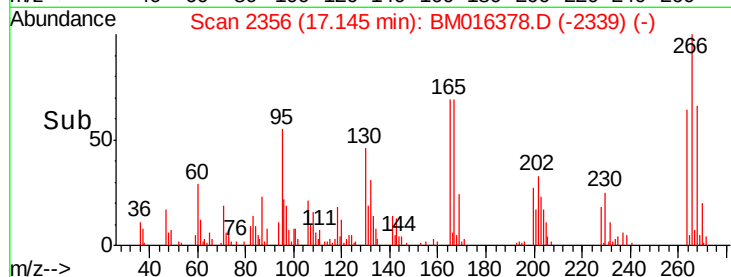
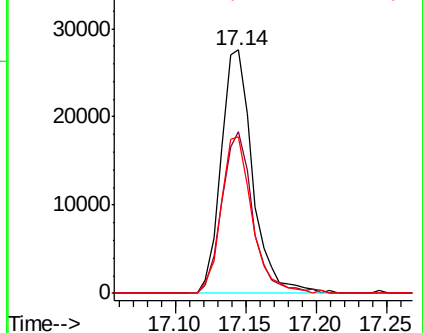
264 64.2 49.0 73.4



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: 46.930 ng

RT: 17.53 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

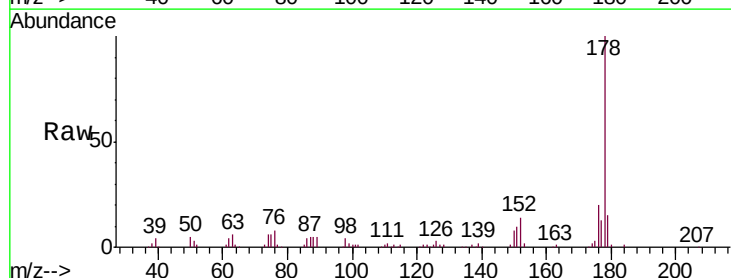
Tgt Ion:178 Resp: 201083

Ion Ratio Lower Upper

178 100

176 20.3 15.2 22.8

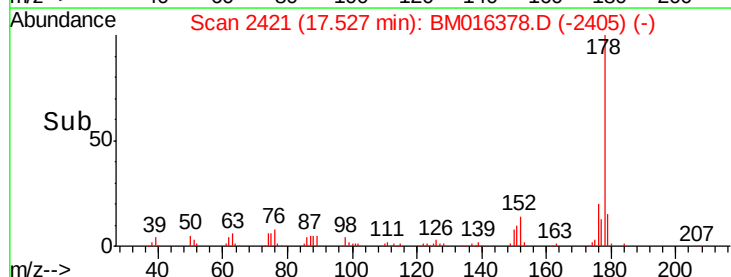
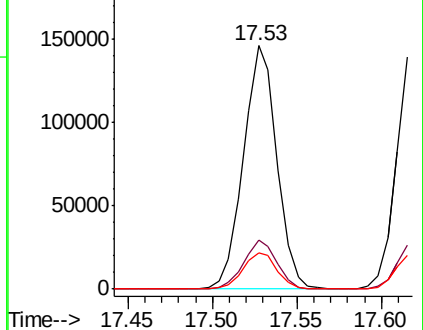
179 15.1 12.1 18.1

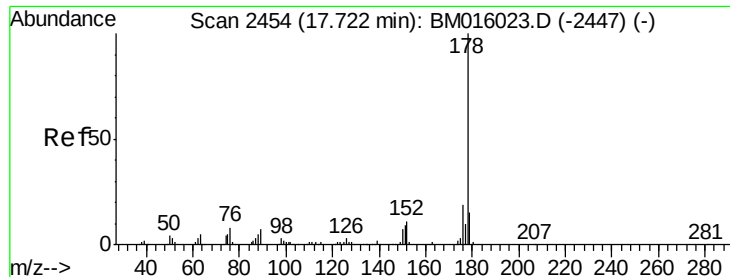


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

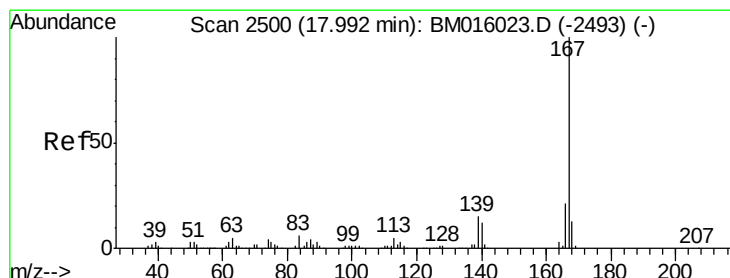
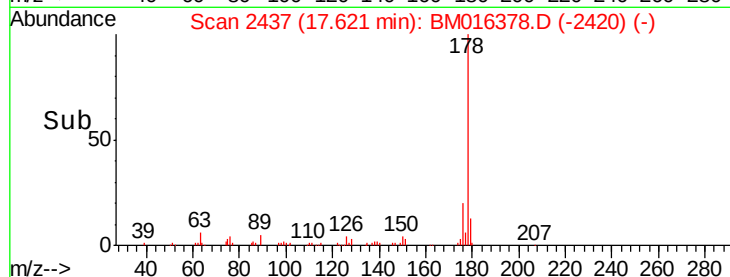
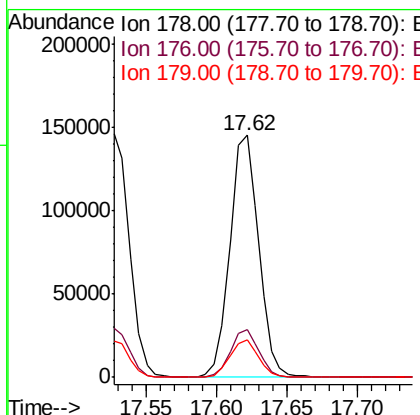
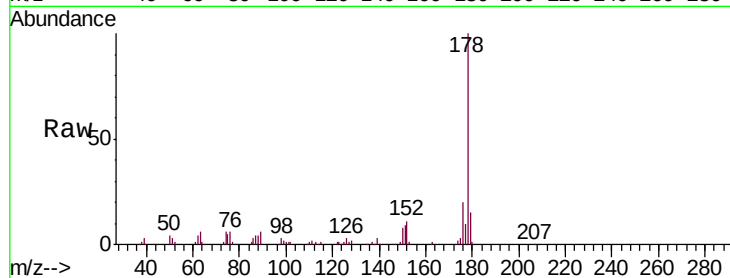




#71
 Anthracene
 Concen: 49.680 ng
 RT: 17.62 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

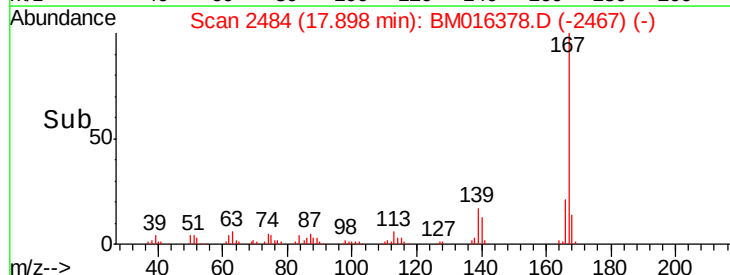
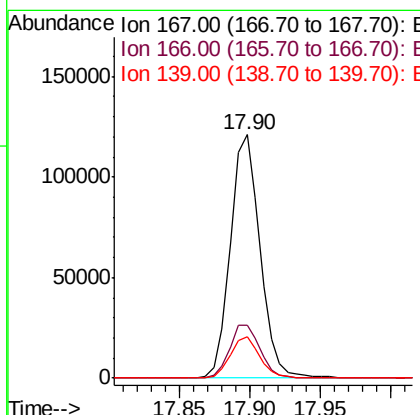
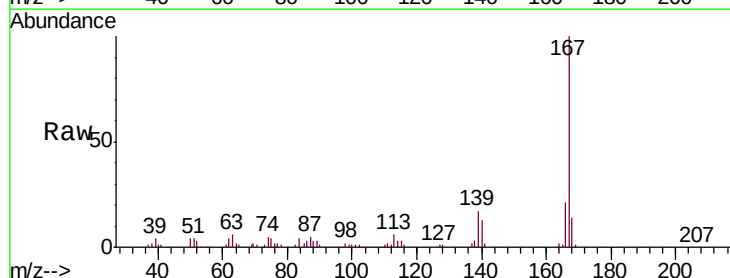
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

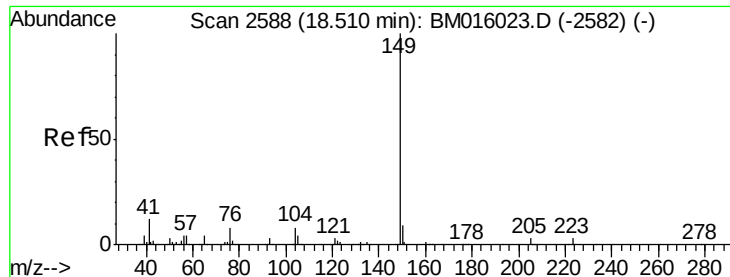
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.6	22.0
179	15.3	12.6	19.0



#72
 Carbazole
 Concen: 41.184 ng
 RT: 17.90 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	16.8	10.8	16.2#

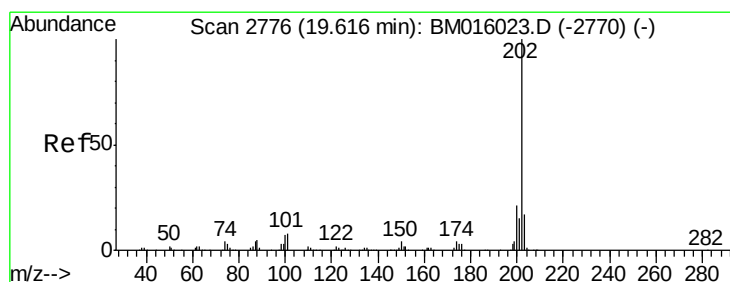
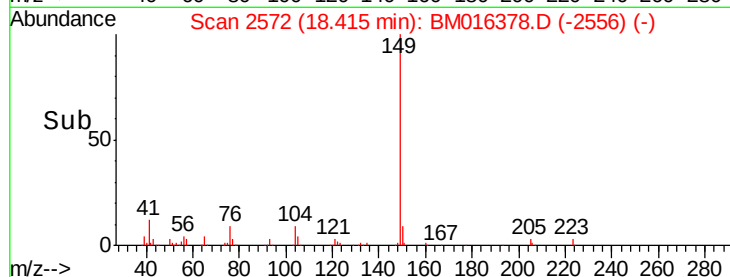
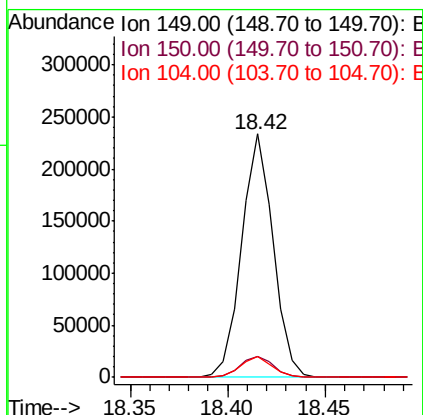
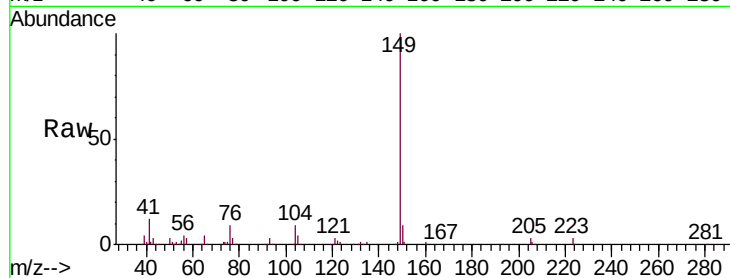




#73
Di-n-butylphthalate
Concen: 48.432 ng
RT: 18.42 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

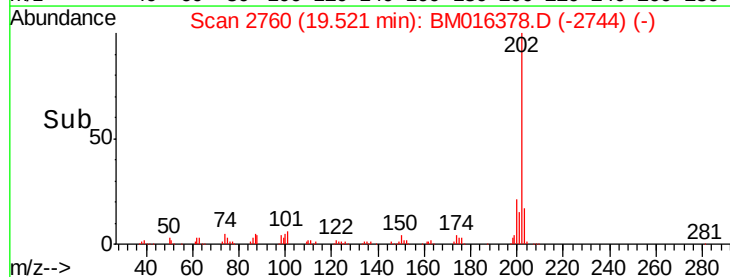
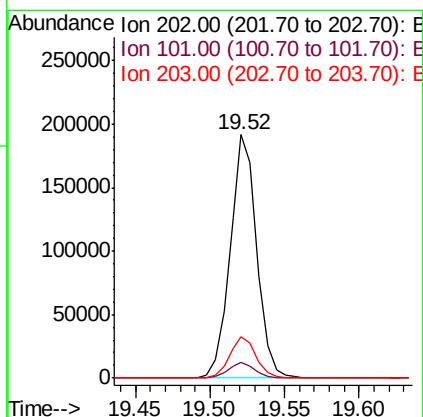
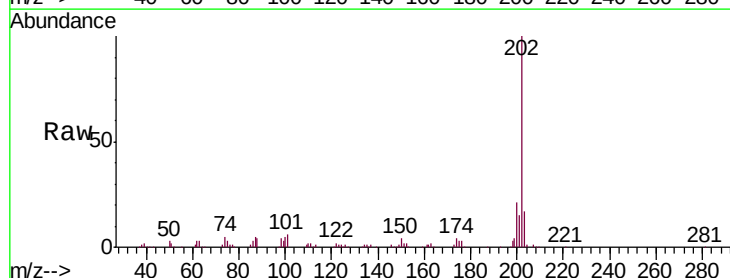
Instrument :
BNA_M
ClientSampleId :
PB112017BS

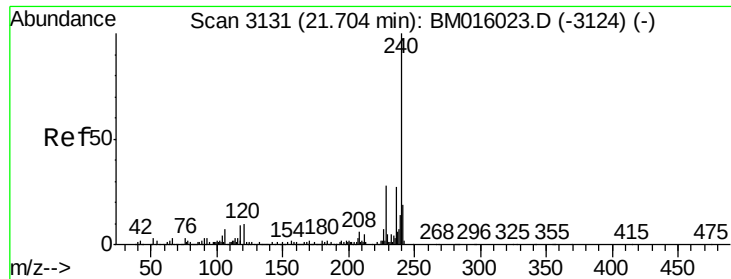
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.5	11.3
104	8.5	3.7	5.5#



#74
Fluoranthene
Concen: 49.668 ng
RT: 19.52 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	28.7
203	17.0	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: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

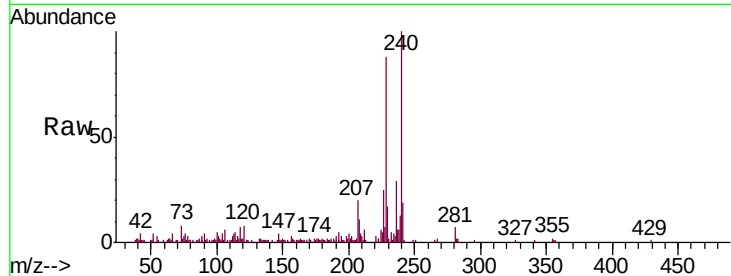
Tgt Ion:240 Resp: 89344

Ion Ratio Lower Upper

240 100

120 7.6 8.2 12.2#

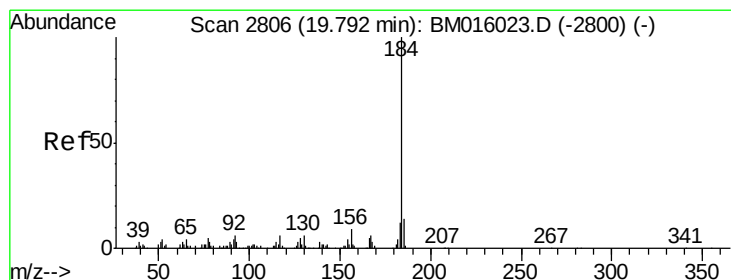
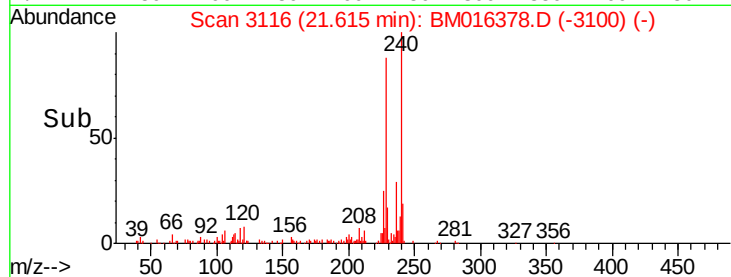
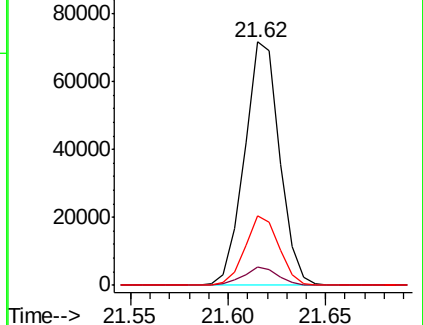
236 28.6 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 50.171 ng

RT: 19.71 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

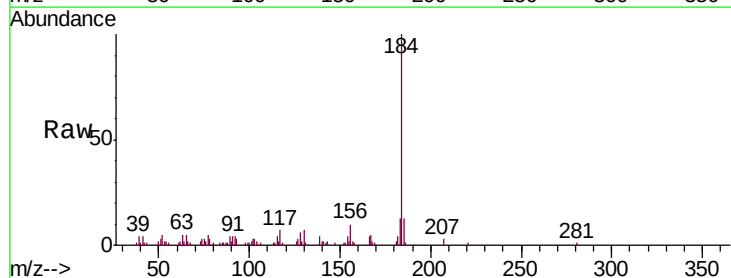
Tgt Ion:184 Resp: 125259

Ion Ratio Lower Upper

184 100

185 12.9 11.3 16.9

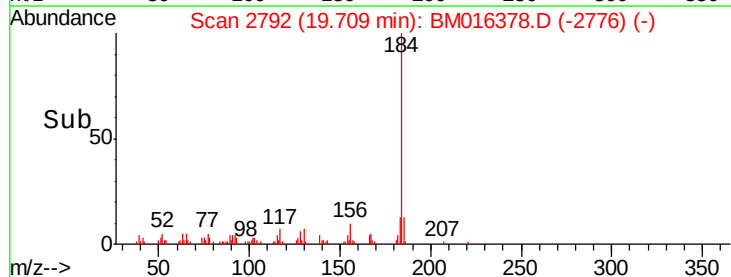
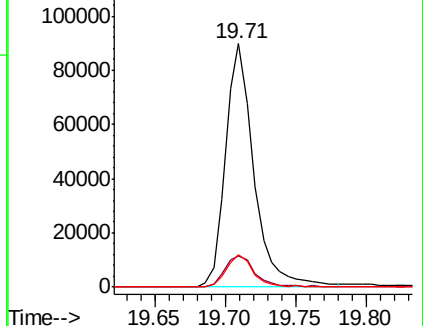
183 13.1 8.9 13.3

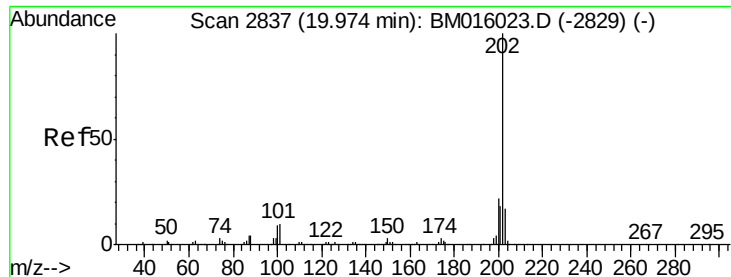


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

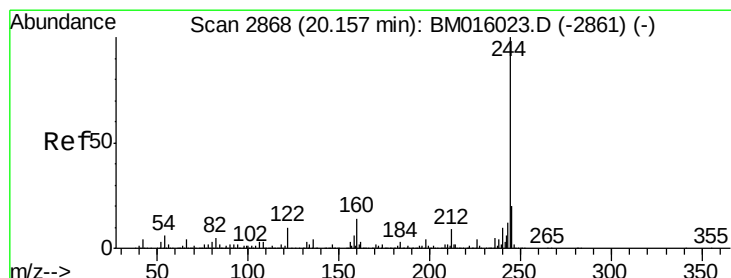
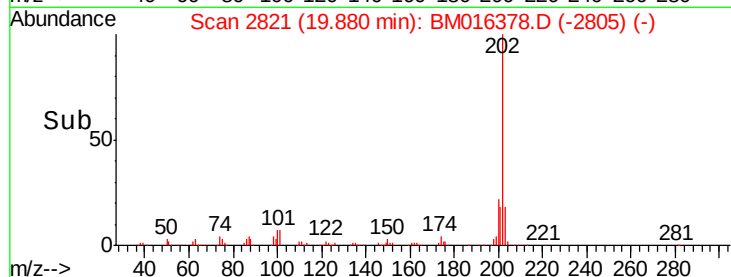
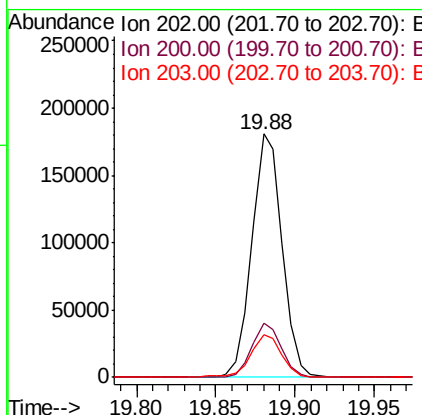
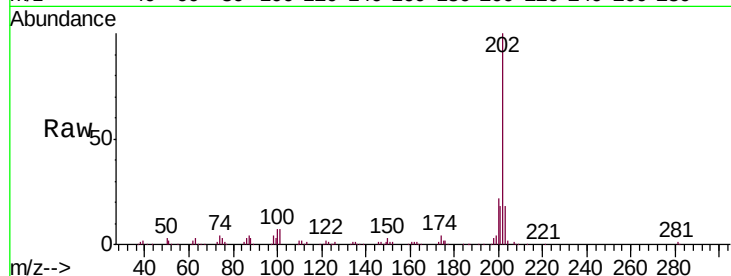




#77
 Pyrene
 Concen: 44.886 ng
 RT: 19.88 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

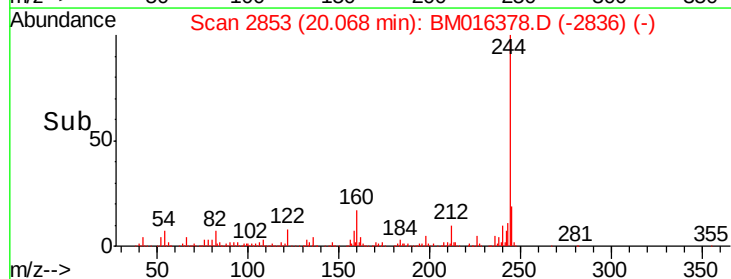
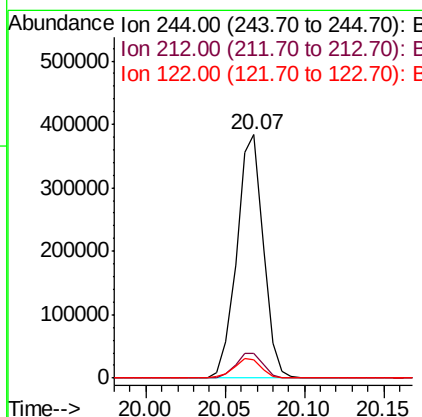
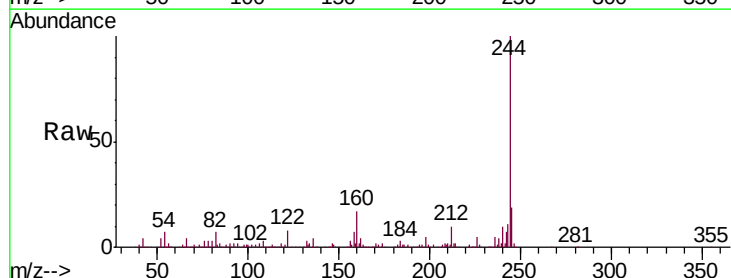
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

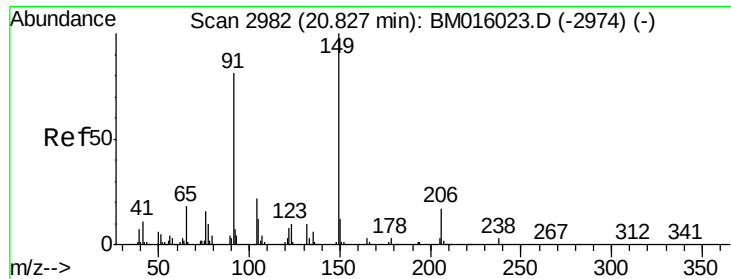
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	17.8	14.1	21.1



#78
 Terphenyl-d14
 Concen: 44.886 ng
 RT: 20.07 min Scan# 2853
 Delta R.T. 0.00 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.3	4.9	7.3#
122	7.7	6.2	9.4

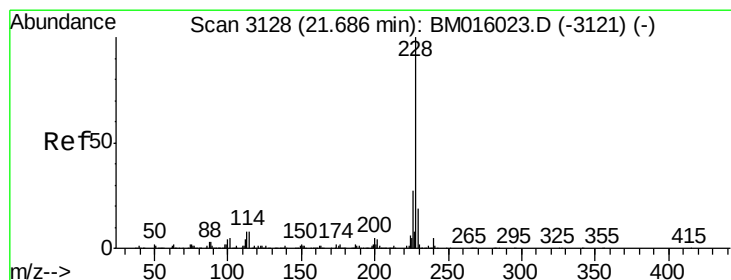
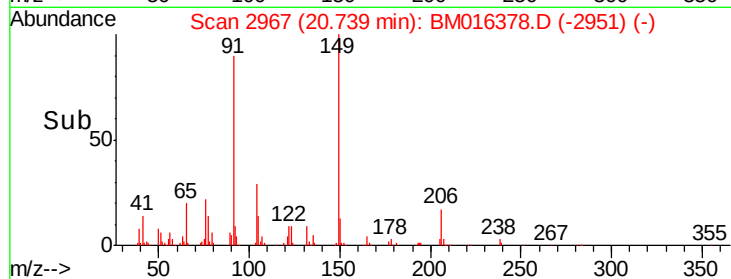
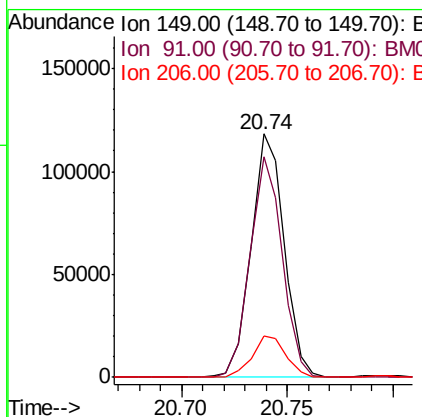
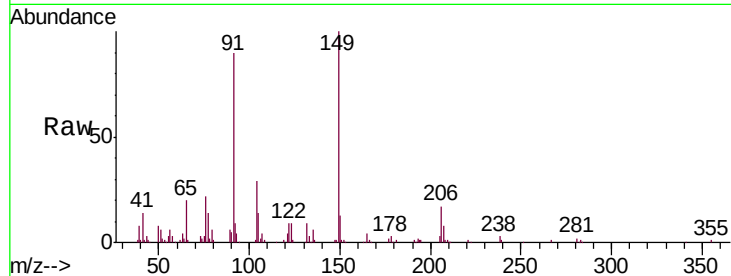




#79
Butylbenzylphthalate
Concen: 47.428 ng
RT: 20.74 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

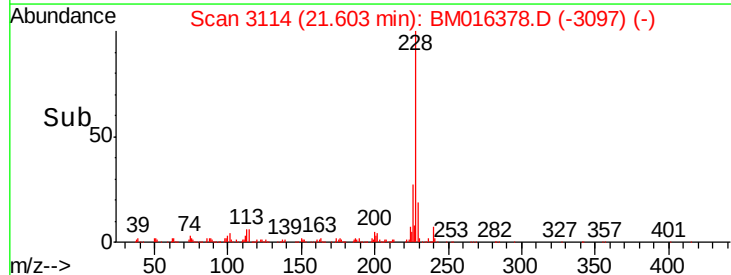
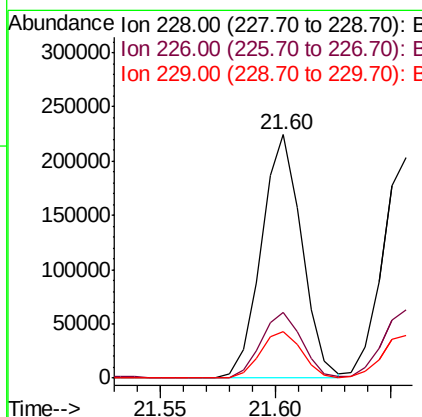
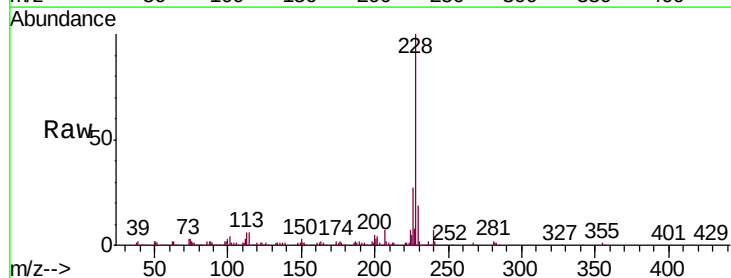
Instrument :
BNA_M
ClientSampleId :
PB112017BS

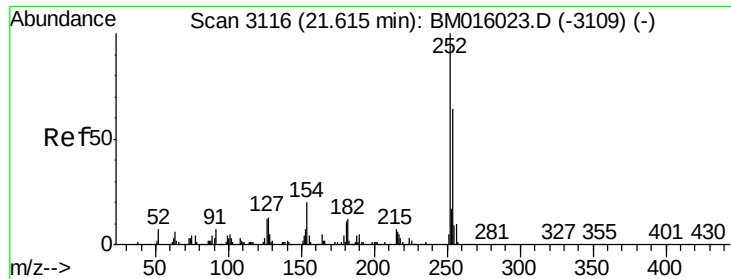
Tgt Ion	Ratio	Lower	Upper
149	100		
91	90.5	50.1	75.1#
206	17.0	16.2	24.2



#80
Benzo(a)anthracene
Concen: 49.274 ng
RT: 21.60 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.4	16.0	24.0

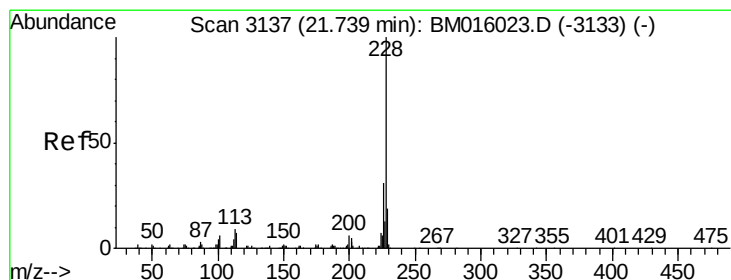
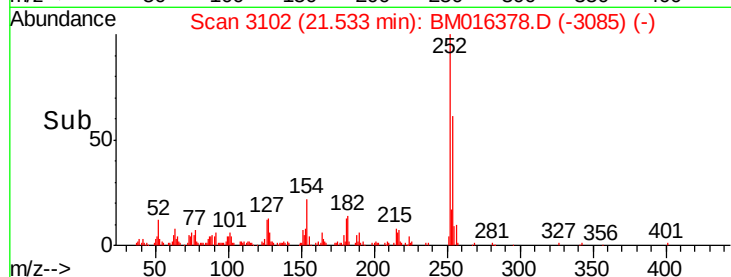
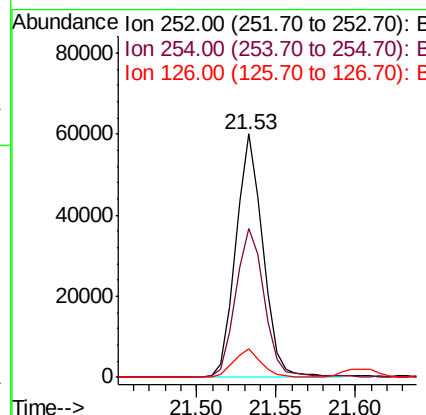
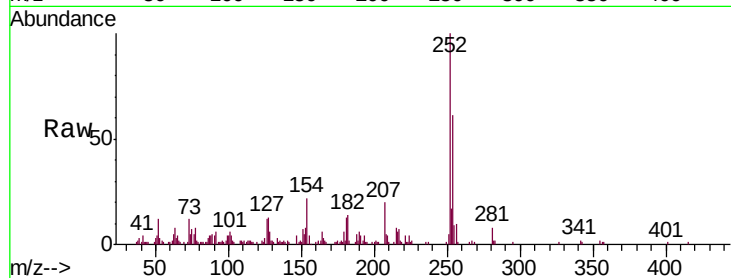




#81
 3,3'-Dichlorobenzidine
 Concen: 32.205 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

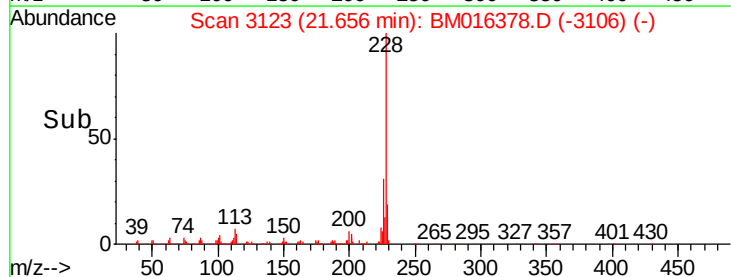
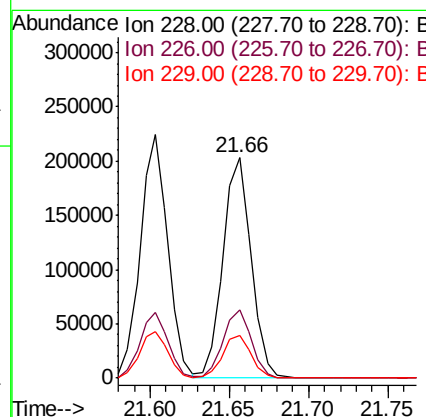
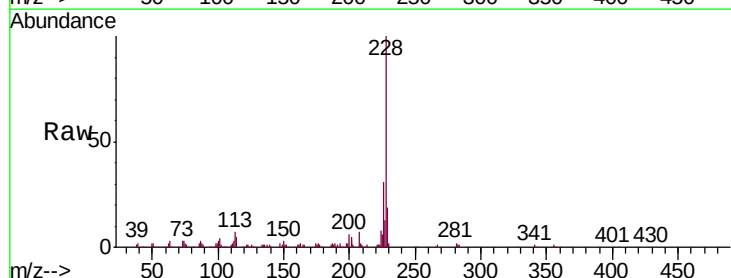
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

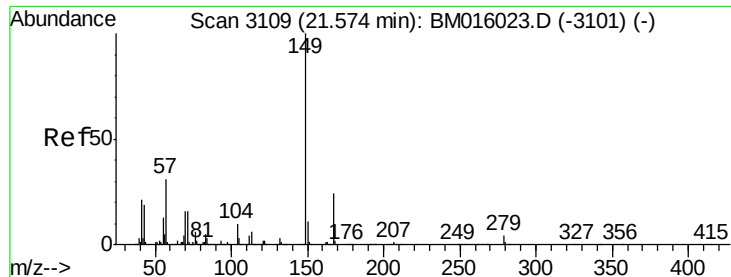
Tgt Ion: 252 Resp: 71381
 Ion Ratio Lower Upper
 252 100
 254 61.2 51.9 77.9
 126 11.7 9.8 14.8



#82
 Chrysene
 Concen: 47.623 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion: 228 Resp: 251384
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.1 36.1
 229 19.2 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.417 ng

RT: 21.49 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

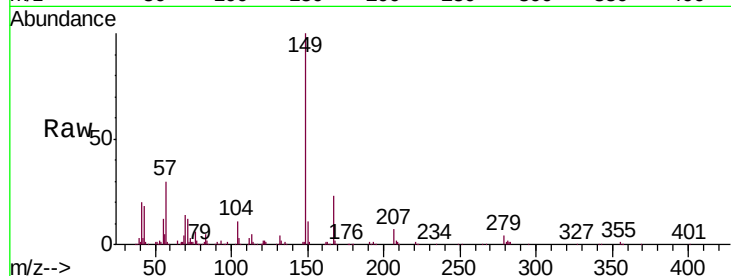
Tgt Ion:149 Resp: 190855

Ion Ratio Lower Upper

149 100

167 22.5 22.4 33.6

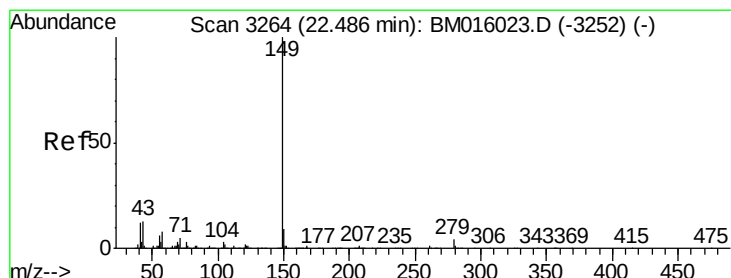
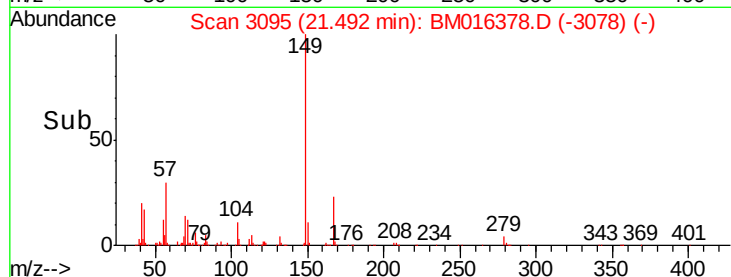
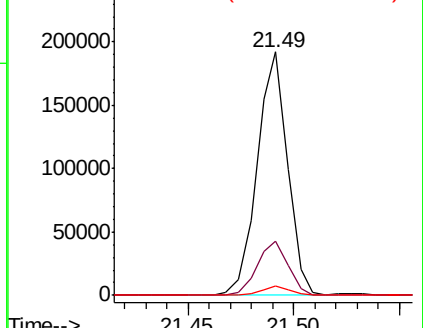
279 4.1 3.4 5.0



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: 50.826 ng

RT: 22.39 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

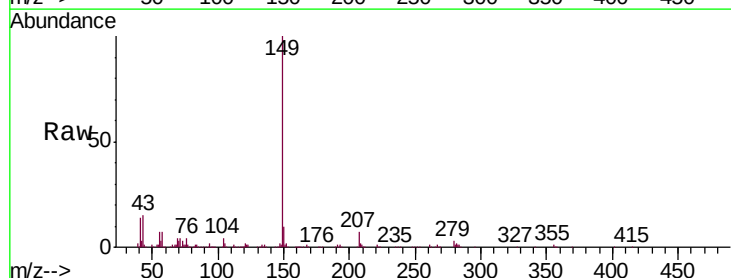
Tgt Ion:149 Resp: 336725

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

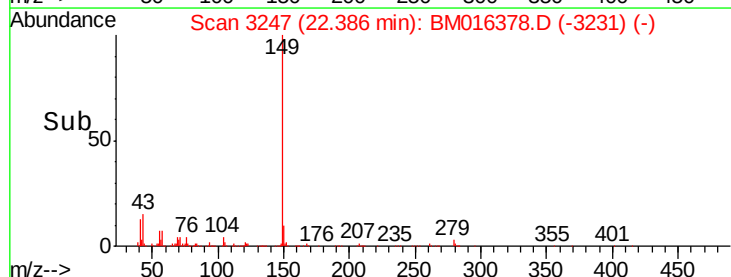
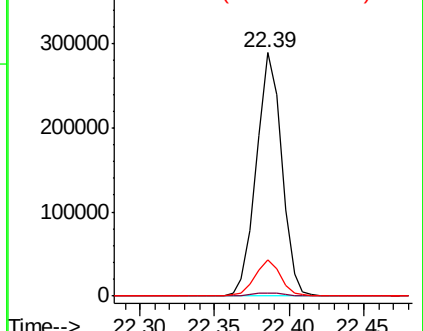
43 14.7 7.3 10.9#

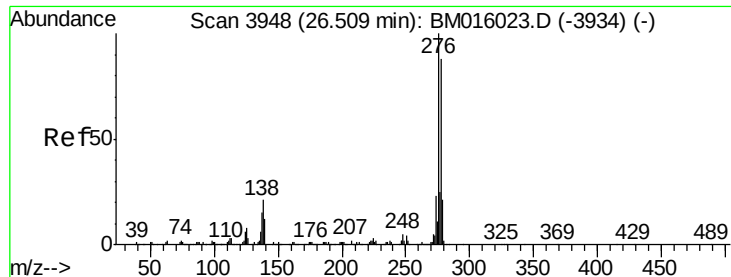


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

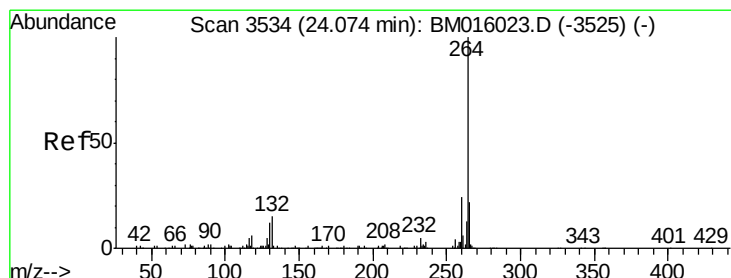
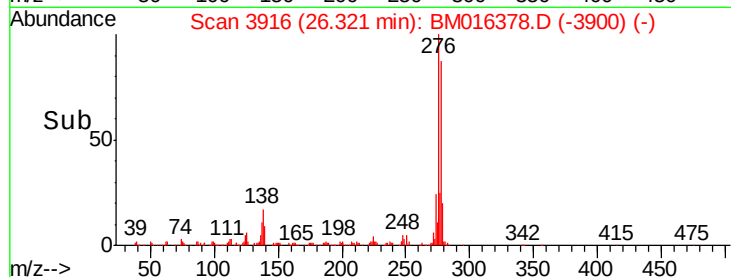
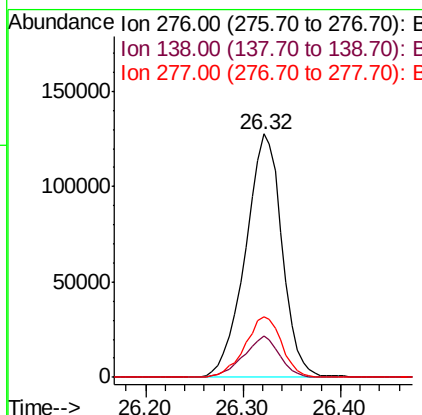
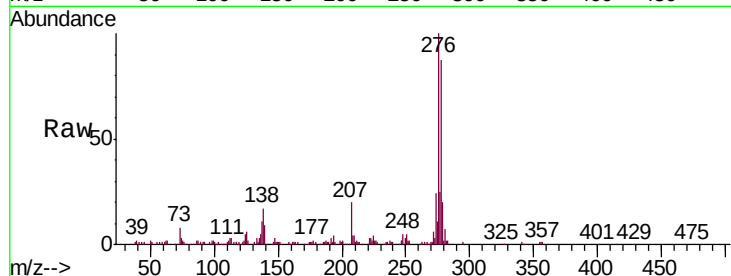




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.346 ng
 RT: 26.32 min Scan# 3916
 Delta R.T. -0.01 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

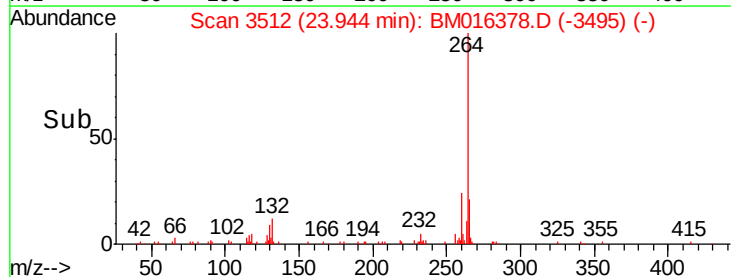
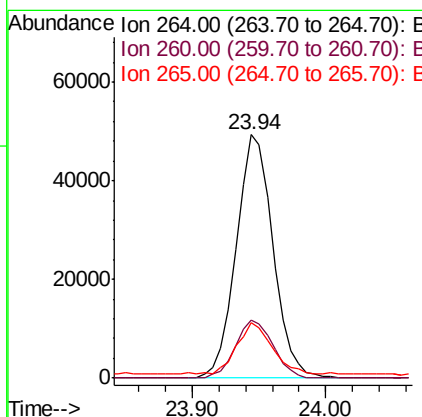
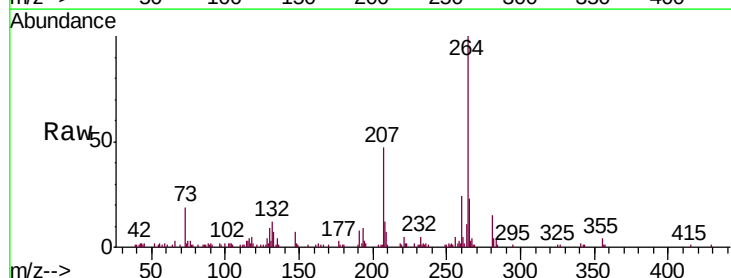
Instrument :
 BNA_M
 ClientSampleId :
 PB112017BS

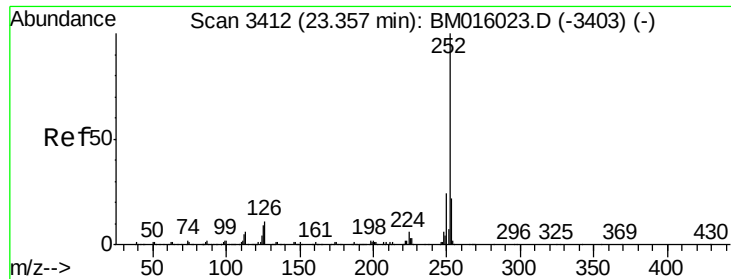
Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	12.0	18.0
277	25.0	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.94 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: BM016378.D
 Acq: 15 Aug 2018 13:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.5	17.3	25.9

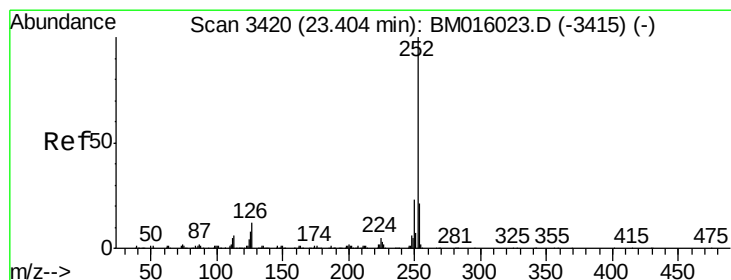
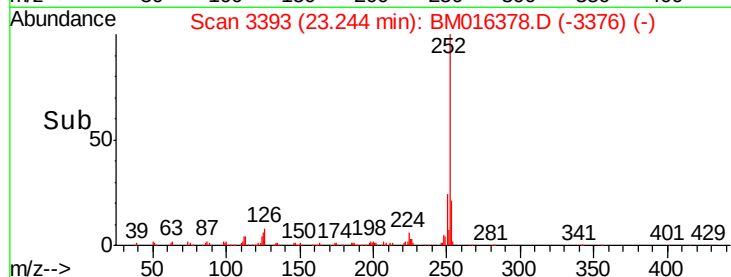
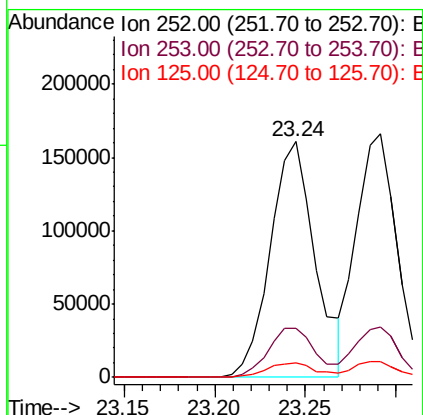
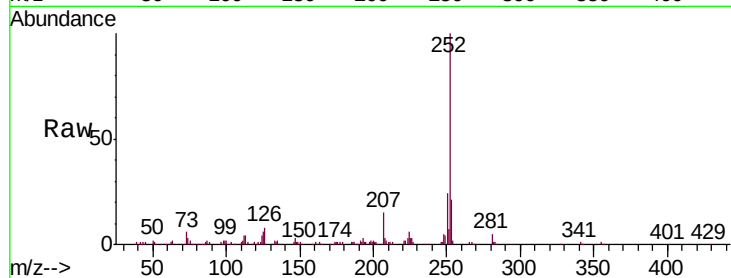




#87
Benzo(b)fluoranthene
Concen: 50.191 ng
RT: 23.24 min Scan# 3393
Delta R.T. 0.00 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

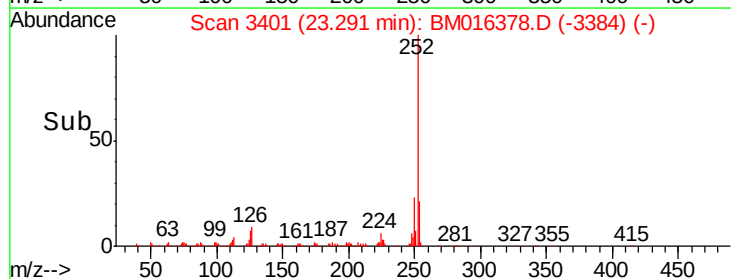
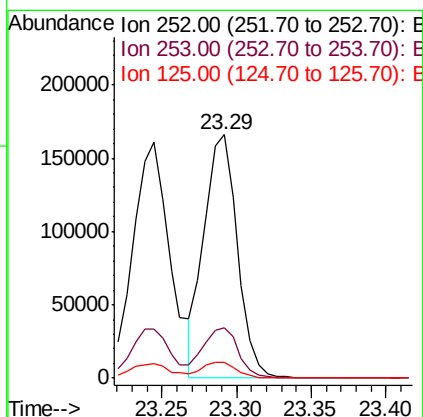
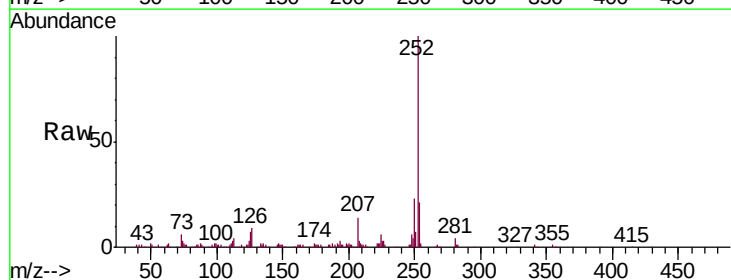
Instrument :
BNA_M
ClientSampleId :
PB112017BS

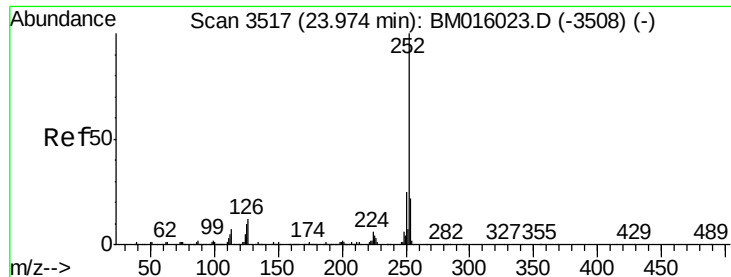
Tgt Ion:252 Resp: 277973
Ion Ratio Lower Upper
252 100
253 20.8 18.0 27.0
125 6.2 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 45.577 ng
RT: 23.29 min Scan# 3401
Delta R.T. 0.00 min
Lab File: BM016378.D
Acq: 15 Aug 2018 13:43

Tgt Ion:252 Resp: 255816
Ion Ratio Lower Upper
252 100
253 20.8 17.2 25.8
125 6.7 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 49.740 ng

RT: 23.84 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

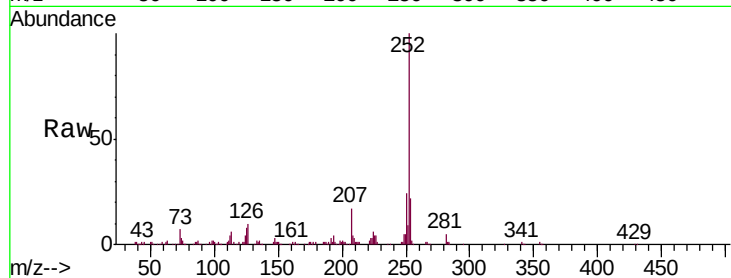
Tgt Ion:252 Resp: 264826

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

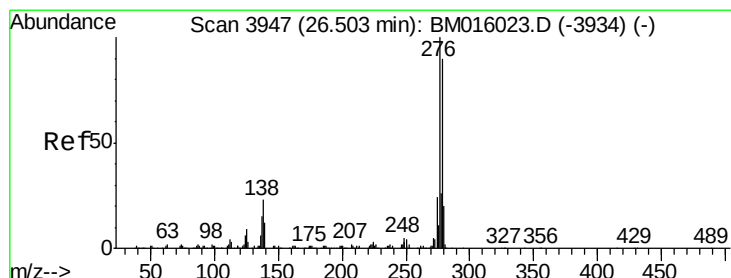
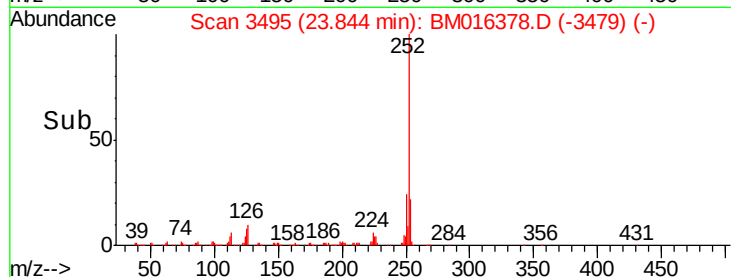
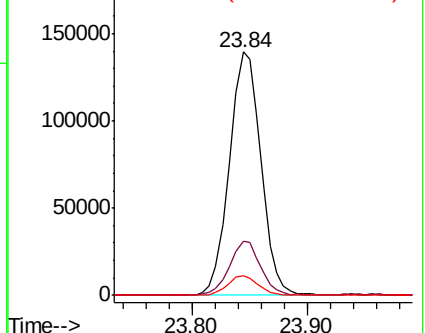
125 7.9 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.763 ng

RT: 26.32 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

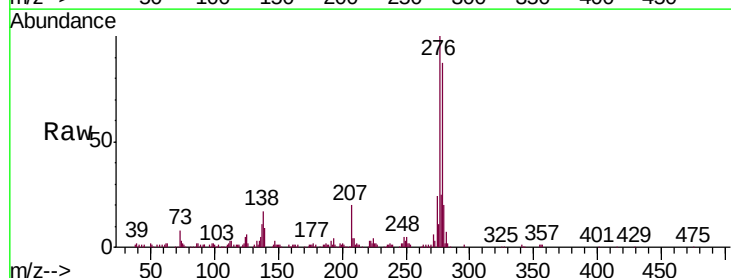
Tgt Ion:278 Resp: 280024

Ion Ratio Lower Upper

278 100

139 10.7 13.4 20.0#

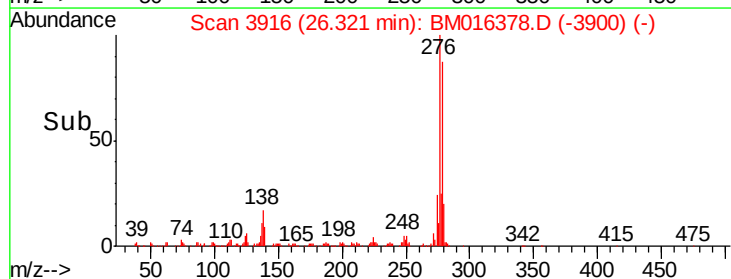
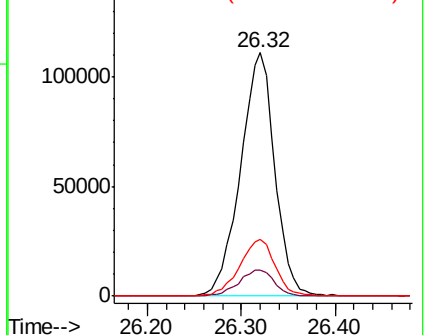
279 23.2 19.0 28.4

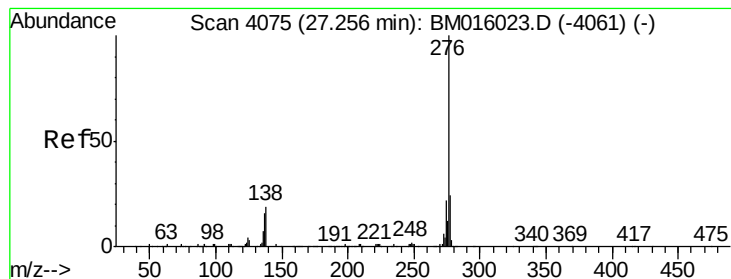


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.410 ng

RT: 27.06 min Scan# 4041

Delta R.T. 0.00 min

Lab File: BM016378.D

Acq: 15 Aug 2018 13:43

Instrument :

BNA_M

ClientSampleId :

PB112017BS

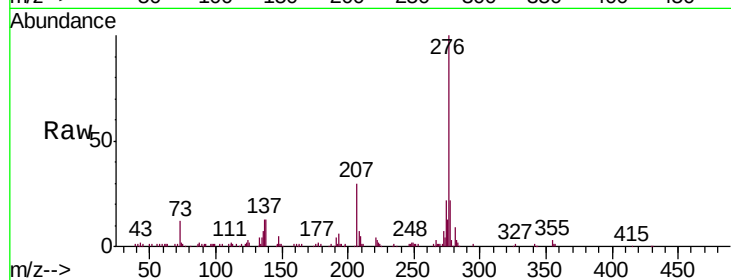
Tgt Ion: 276 Resp: 263002

Ion Ratio Lower Upper

276 100

277 22.1 18.5 27.7

138 13.2 19.0 28.6#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

