

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016387.D
 Acq On : 15 Aug 2018 19:13
 Operator : SJ/JU
 Sample : PB112066BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

Quant Time: Aug 16 01:29:43 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	22061	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	85505	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	49296	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	109654	20.00	ng	0.00
75) Chrysene-d12	21.62	240	132677	20.00	ng	0.00
86) Perylene-d12	23.94	264	127325	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	203444	153.19	ng	0.00
7) Phenol-d6	7.29	99	243179	140.21	ng	0.00
23) Nitrobenzene-d5	9.30	82	192363	104.64	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	101644	162.57	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	418385	103.27	ng	0.00
78) Terphenyl-d14	20.07	244	782364	123.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.43	88	23296	37.438	ng	# 100
3) Pyridine	3.88	79	52668	35.135	ng	# 72
4) n-Nitrosodimethylamine	3.79	42	65745	56.232	ng	# 25
6) Aniline	7.44	93	79265	39.692	ng	# 88
8) 2-Chlorophenol	7.68	128	66379	42.054	ng	95
9) Benzaldehyde	7.26	77	44563	36.570	ng	88
10) Phenol	7.31	94	71881	41.447	ng	86
11) bis(2-Chloroethyl)ether	7.54	93	51493	37.584	ng	91
12) 1,3-Dichlorobenzene	7.99	146	70217	38.005	ng	# 80
13) 1,4-Dichlorobenzene	8.15	146	72920	38.916	ng	# 91
14) 1,2-Dichlorobenzene	8.46	146	70738	38.581	ng	# 92
15) Benzyl Alcohol	8.37	79	59614	43.167	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.64	45	66400	31.666	ng	92
17) 2-Methylphenol	8.57	107	51063	43.077	ng	# 78
18) Hexachloroethane	9.18	117	36726	45.342	ng	96
19) n-Nitroso-di-n-propylamine	8.93	70	48384	38.167	ng	# 65
20) 3+4-Methylphenols	8.90	107	66788	39.161	ng	# 83
22) Acetophenone	8.96	105	100235	46.556	ng	# 80
24) Nitrobenzene	9.35	77	84485	45.656	ng	97
25) Isophorone	9.86	82	127894	50.860	ng	# 94
26) 2-Nitrophenol	10.05	139	35232	45.610	ng	# 41
27) 2,4-Dimethylphenol	10.10	122	58140	54.024	ng	# 77
28) bis(2-Chloroethoxy)methane	10.33	93	70107	42.895	ng	98
29) 2,4-Dichlorophenol	10.59	162	62387	48.784	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	70243	45.207	ng	# 93
31) Naphthalene	10.97	128	194797	45.014	ng	99
32) Benzoic acid	10.29	122	38674	47.141	ng	# 76
33) 4-Chloroaniline	11.10	127	73532	41.639	ng	# 83
34) Hexachlorobutadiene	11.23	225	56734	52.639	ng	97
35) Caprolactam	11.92	113	16160	45.624	ng	89
36) 4-Chloro-3-methylphenol	12.23	107	68368	48.606	ng	85
37) 2-Methylnaphthalene	12.57	142	144552	49.865	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	82124	48.934	ng	# 100
40) Hexachlorocyclopentadiene	12.90	237	67122	81.338	ng	98

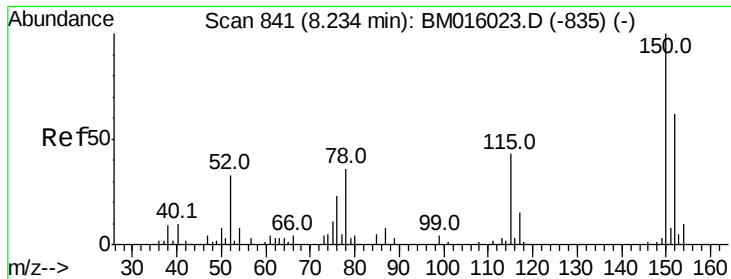
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
 Data File : BM016387.D
 Acq On : 15 Aug 2018 19:13
 Operator : SJ/JU
 Sample : PB112066BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

Quant Time: Aug 16 01:29:43 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)
42) 2,4,6-Trichlorophenol	13.19	196	50841	48.419	nq	96
43) 2,4,5-Trichlorophenol	13.27	196	51992	48.004	nq #	82
45) 1,1'-Biphenyl	13.58	154	190885	42.907	nq	99
46) 2-Chloronaphthalene	13.63	162	146331	42.290	nq #	86
47) 2-Nitroaniline	13.86	65	51837	45.313	nq #	76
48) Acenaphthylene	14.47	152	241332	47.642	nq	98
49) Dimethylphthalate	14.21	163	198111	45.921	nq	99
50) 2,6-Dinitrotoluene	14.35	165	39399	45.389	nq #	41
51) Acenaphthene	14.82	154	137325	44.080	nq	93
52) 3-Nitroaniline	14.69	138	36144	38.551	nq #	74
53) 2,4-Dinitrophenol	14.91	184	39319	103.540	nq #	53
54) Dibenzofuran	15.15	168	234392	45.656	nq #	77
55) 4-Nitrophenol	15.00	139	54337	80.845	nq #	85
56) 2,4-Dinitrotoluene	15.15	165	62711	50.526	nq #	63
57) Fluorene	15.79	166	186604	48.914	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	49580	53.257	nq #	100
59) Diethylphthalate	15.56	149	222689	47.890	nq	95
60) 4-Chlorophenyl-phenylether	15.78	204	100582	47.361	nq #	83
61) 4-Nitroaniline	15.85	138	38773	43.103	nq #	1
62) Azobenzene	16.07	77	255218	52.115	nq #	71
64) 4,6-Dinitro-2-methylphenol	15.91	198	30633	46.025	nq #	81
65) n-Nitrosodiphenylamine	16.00	169	160117	44.345	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	58491	47.107	nq #	68
67) Hexachlorobenzene	16.79	284	59578	43.571	nq #	61
68) Atrazine	16.95	200	67992	52.540	nq	94
69) Pentachlorophenol	17.14	266	63580	75.091	nq	97
70) Phenanthrene	17.53	178	284466	46.337	nq	97
71) Anthracene	17.62	178	296792	49.743	nq	99
72) Carbazole	17.90	167	260670	42.172	nq #	96
73) Di-n-butylphthalate	18.42	149	380198	49.362	nq #	95
74) Fluoranthene	19.52	202	354364	51.747	nq	97
76) Benzidine	19.71	184	216310	58.343	nq	98
77) Pyrene	19.88	202	363346	45.699	nq	99
79) Butylbenzylphthalate	20.74	149	190619	47.193	nq #	73
80) Benzo(a)anthracene	21.60	228	404683	49.523	nq	98
81) 3,3'-Dichlorobenzidine	21.53	252	136852	41.578	nq	98
82) Chrysene	21.66	228	370812	47.305	nq	100
83) Bis(2-ethylhexyl)phthalate	21.49	149	279800	47.799	nq	92
84) Di-n-octyl phthalate	22.39	149	485450	49.343	nq #	87
85) Indeno(1,2,3-cd)pyrene	26.33	276	451119	48.497	nq	98
87) Benzo(b)fluoranthene	23.24	252	378042	50.428	nq #	93
88) Benzo(k)fluoranthene	23.29	252	377142	49.641	nq #	96
89) Benzo(a)pyrene	23.85	252	368730	51.164	nq #	98
90) Dibenzo(a,h)anthracene	26.32	278	384601	51.509	nq #	94
91) Benzo(g,h,i)perylene	27.06	276	346267	49.032	nq #	89

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

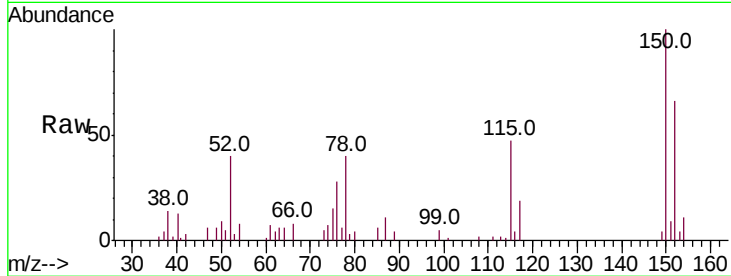


#1

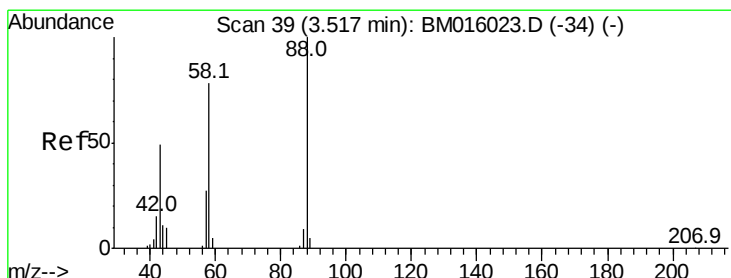
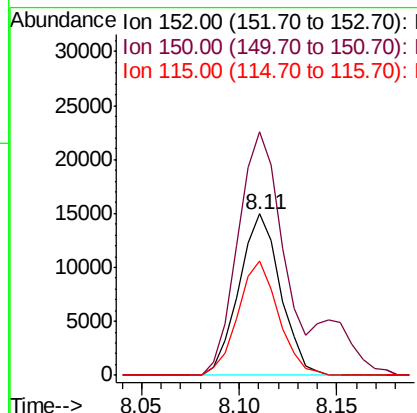
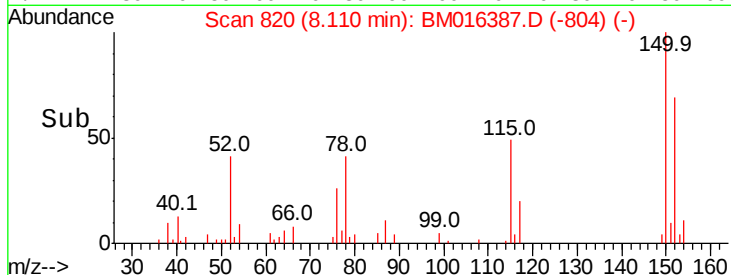
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Instrument :
BNA_M
ClientSampleId :
PB112066BS

Tot Ion:152 Resp: 22061
Ion Ratio Lower Upper
152 100
150 150.7 119.5 179.3
115 70.7 43.0 64.4#



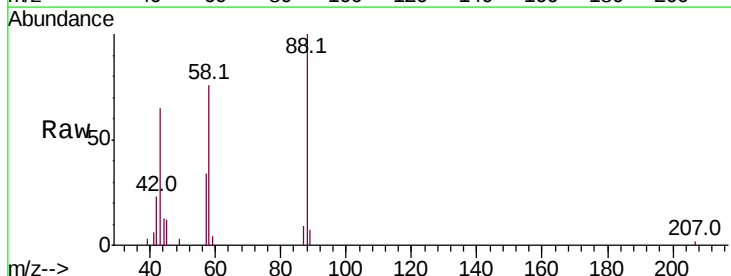
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



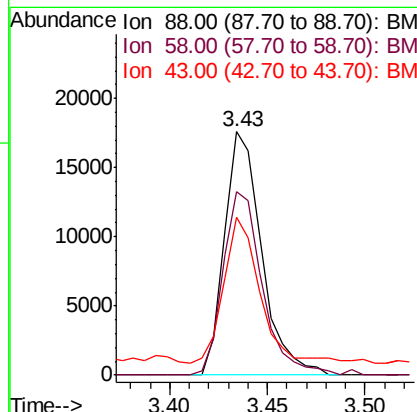
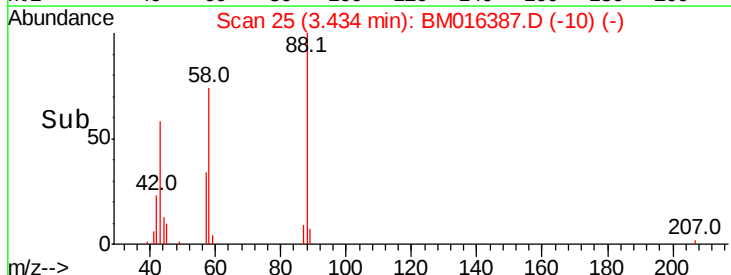
#2

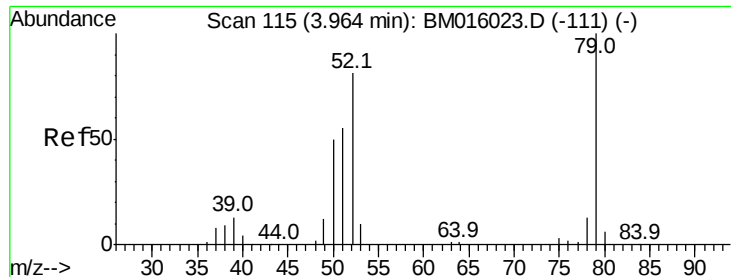
1,4-Dioxane
Concen: 37.438 ng
RT: 3.43 min Scan# 25
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion: 88 Resp: 23296
Ion Ratio Lower Upper
88 100
58 79.5 0.0 0.0#
43 58.8 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0

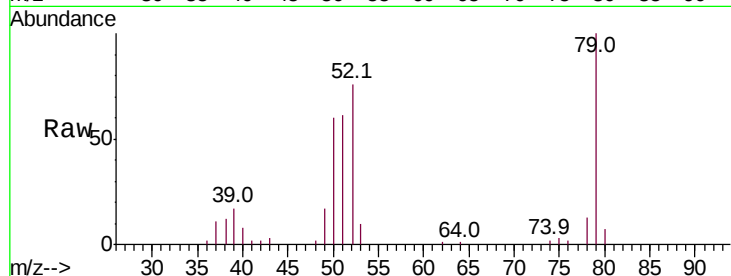




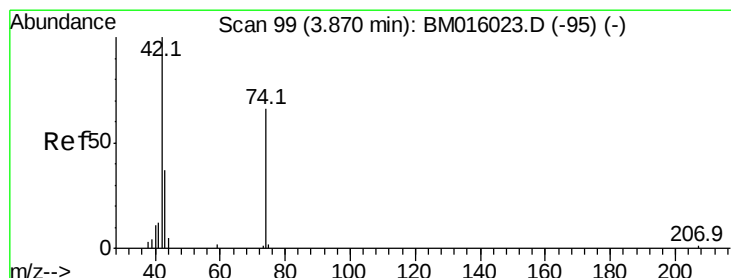
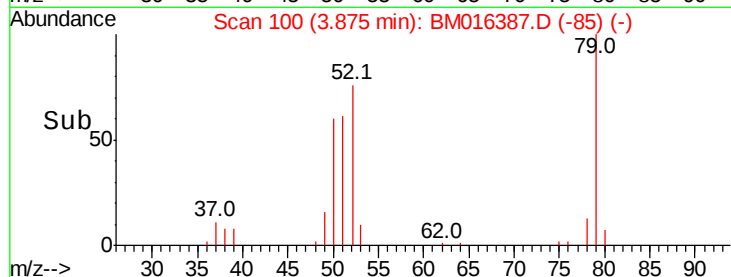
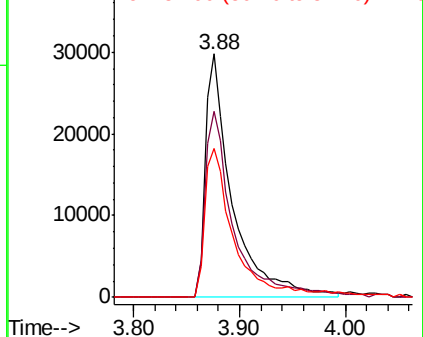
#3
 Pvridine
 Concen: 35.135 ng
 RT: 3.88 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

Tot Ion: 79 Resp: 52668
 Ion Ratio Lower Upper
 79 100
 52 76.4 51.1 76.7
 51 61.0 26.1 39.1#

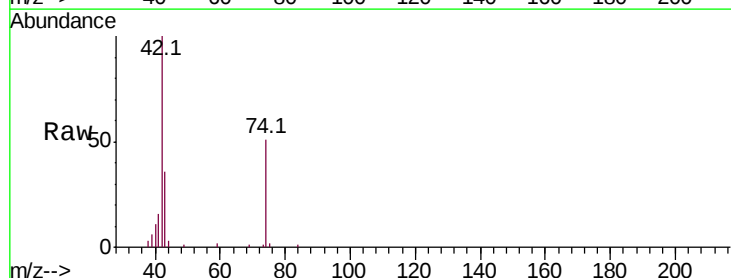


Abundance Ion 79.00 (78.70 to 79.70): BM0
 Ion 52.00 (51.70 to 52.70): BM0
 Ion 51.00 (50.70 to 51.70): BM0

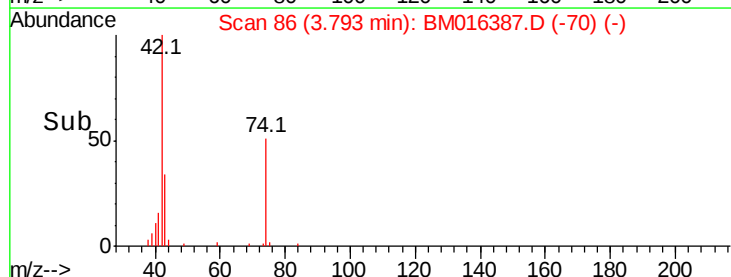
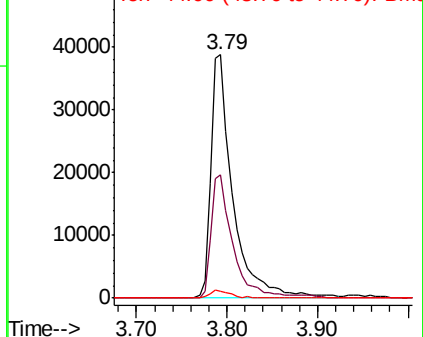


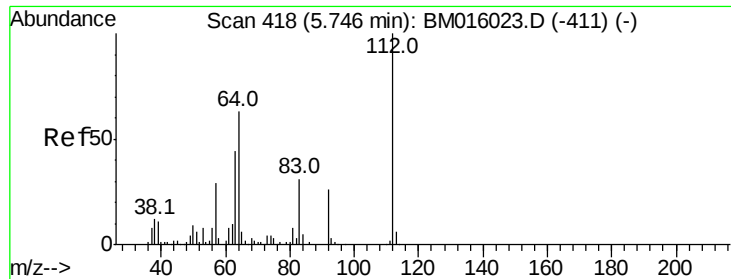
#4
 n-Nitrosodimethylamine
 Concen: 56.232 ng
 RT: 3.79 min Scan# 86
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion: 42 Resp: 65745
 Ion Ratio Lower Upper
 42 100
 74 50.8 119.3 178.9#
 44 3.0 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 56.232 ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

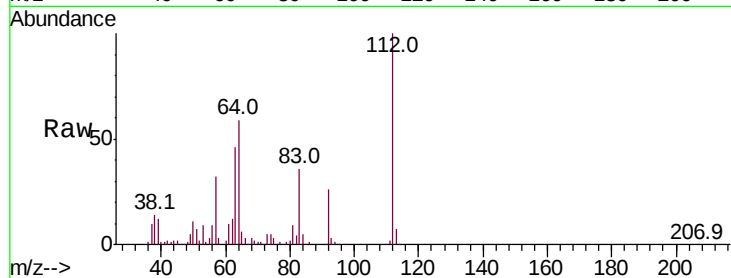
Tot Ion:112 Resp: 203444

Ion Ratio Lower Upper

112 100

64 58.7 38.6 57.8#

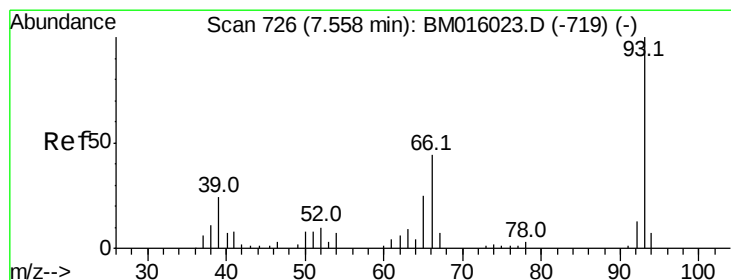
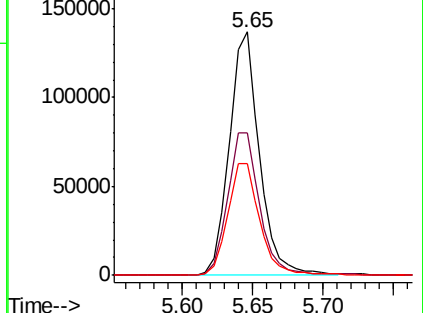
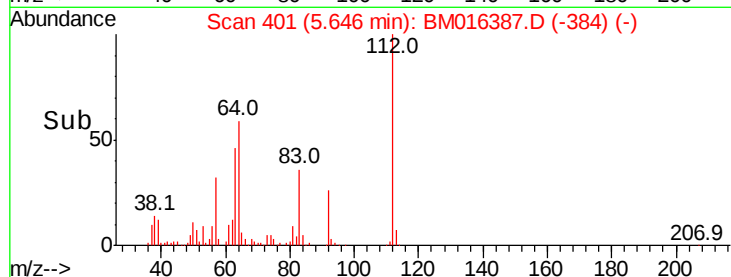
63 46.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 39.692 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

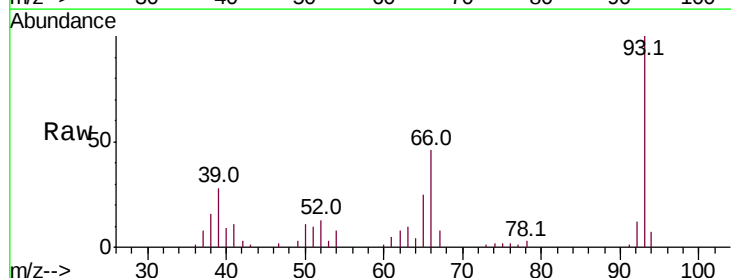
Tgt Ion: 93 Resp: 79265

Ion Ratio Lower Upper

93 100

66 45.9 30.8 46.2

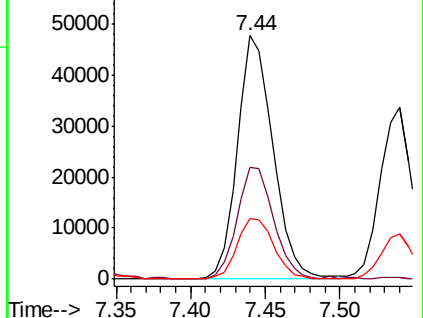
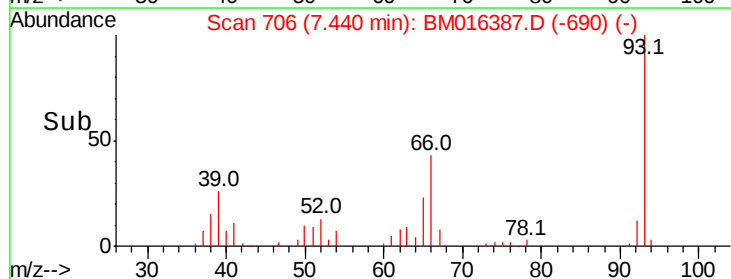
65 25.0 16.0 24.0#

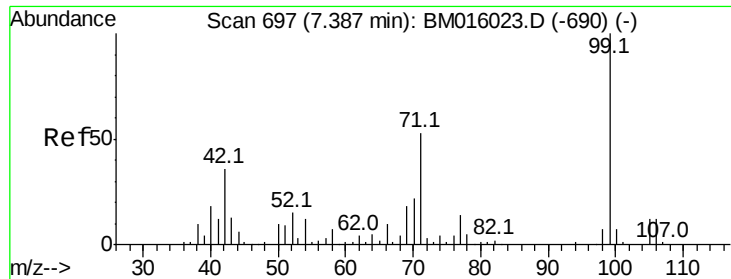


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 39.692 ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

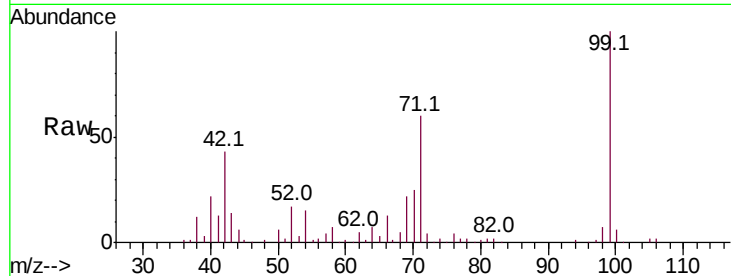
Tot Ion: 99 Resp: 243179

Ion Ratio Lower Upper

99 100

42 42.8 11.0 16.4#

71 59.5 23.4 35.2#

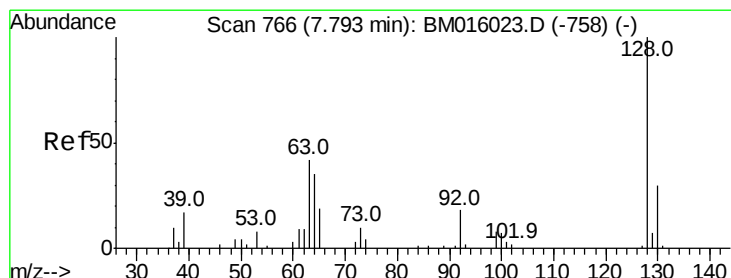
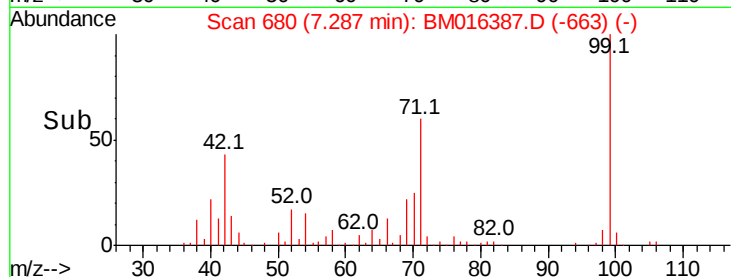
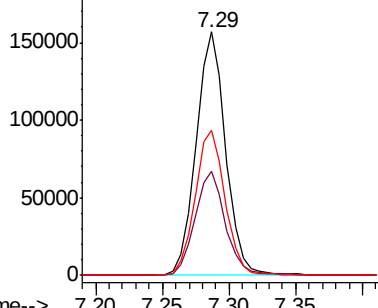


Abundance

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

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

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



#8

2-Chlorophenol

Concen: 42.054 ng

RT: 7.68 min Scan# 746

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

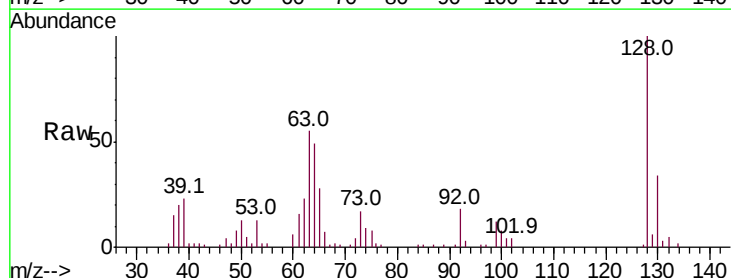
Tgt Ion: 128 Resp: 66379

Ion Ratio Lower Upper

128 100

130 34.2 12.0 52.0

64 48.9 24.9 64.9

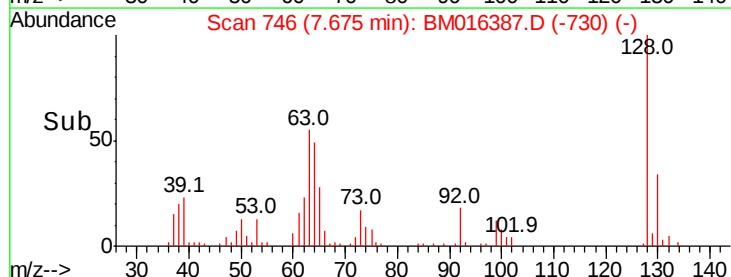
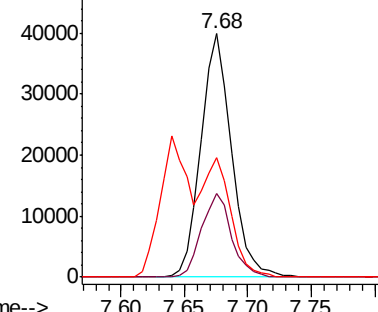


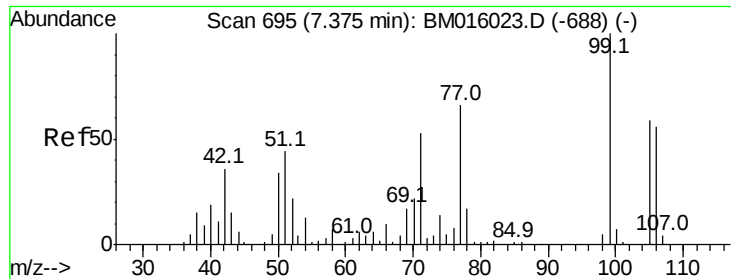
Abundance

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

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

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

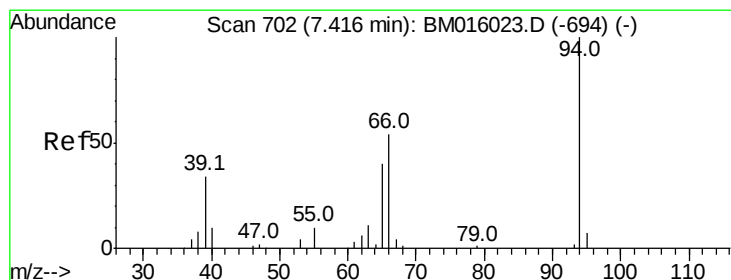
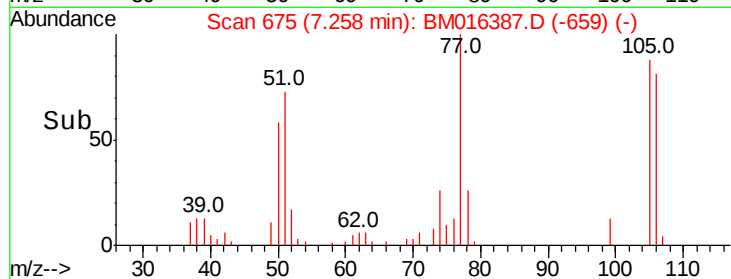
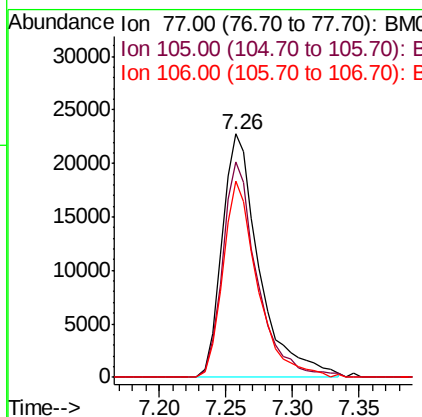
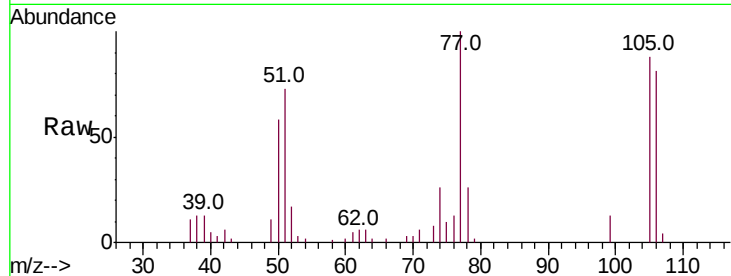




#9
Benzaldehyde
Concen: 36.570 ng
RT: 7.26 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

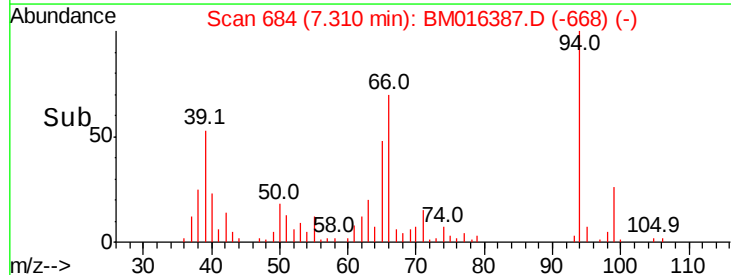
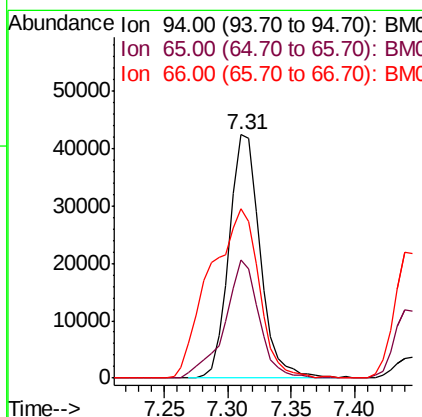
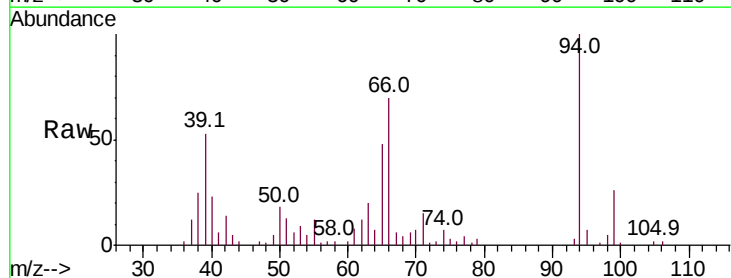
Instrument :
BNA_M
ClientSampleId :
PB112066BS

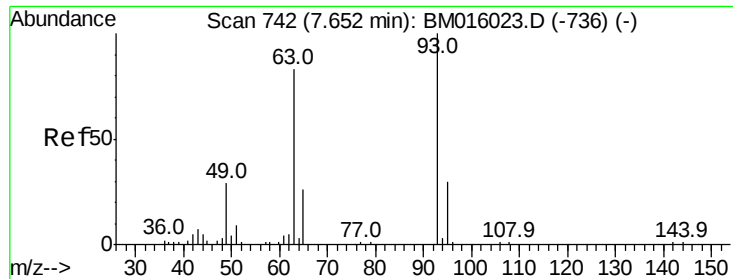
Tot Ion: 77 Resp: 44563
Ion Ratio Lower Upper
77 100
105 88.3 78.8 118.8
106 80.6 73.7 113.7



#10
Phenol
Concen: 41.447 ng
RT: 7.31 min Scan# 684
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion: 94 Resp: 71881
Ion Ratio Lower Upper
94 100
65 48.4 18.8 58.8
66 69.7 39.9 79.9

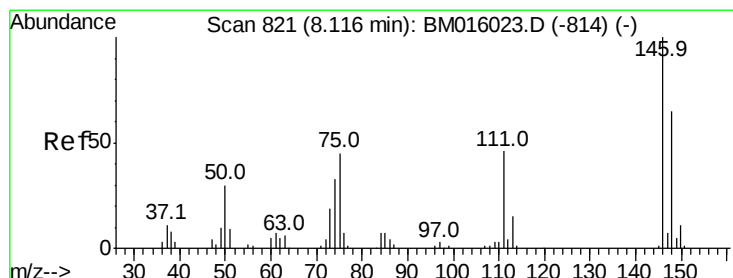
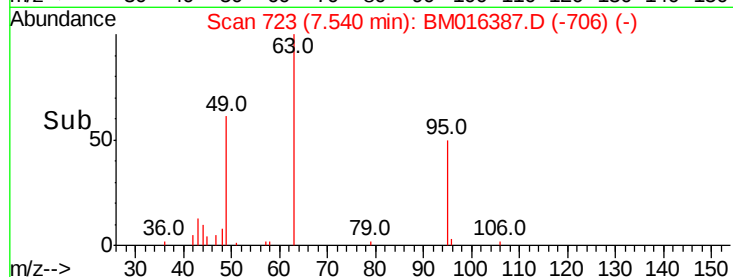
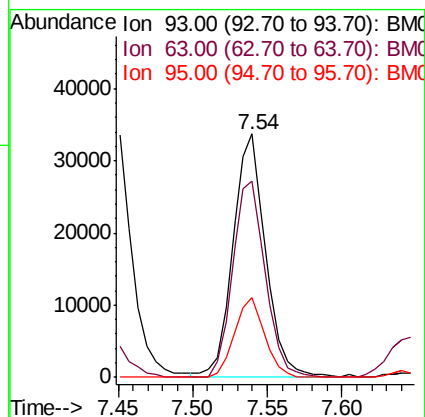
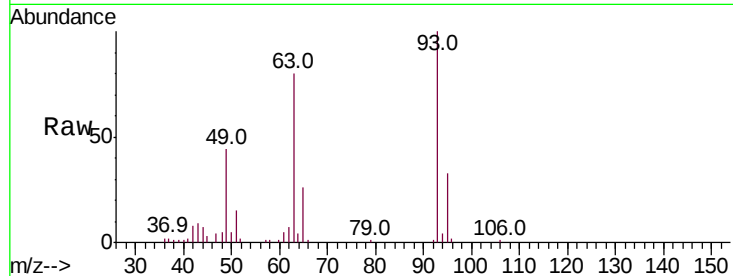




#11
 bis(2-Chloroethyl)ether
 Concen: 37.584 ng
 RT: 7.54 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

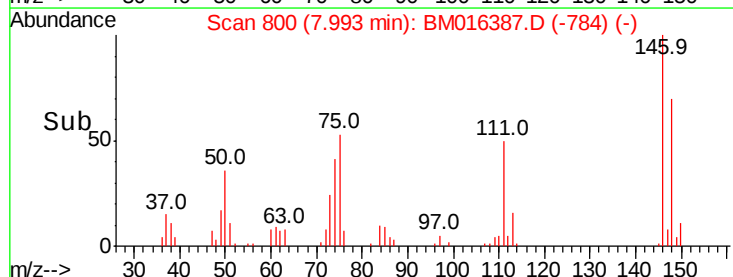
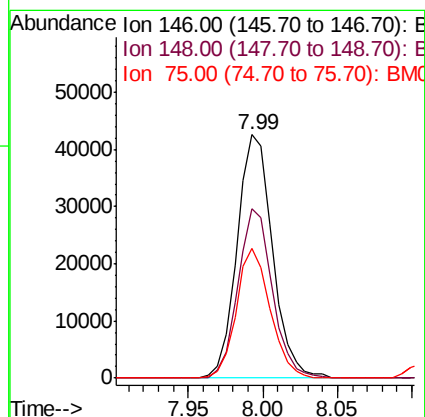
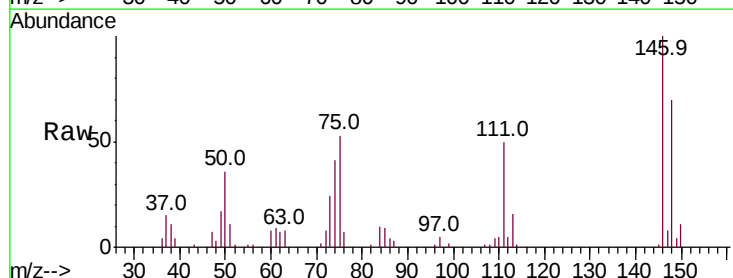
Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

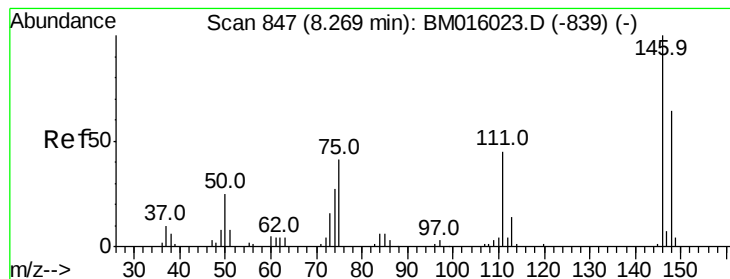
Tot Ion: 93 Resp: 51493
 Ion Ratio Lower Upper
 93 100
 63 80.4 49.5 89.5
 95 32.8 13.5 53.5



#12
 1,3-Dichlorobenzene
 Concen: 38.005 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion: 146 Resp: 70217
 Ion Ratio Lower Upper
 146 100
 148 69.5 50.9 76.3
 75 53.1 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 38.916 ng

RT: 8.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

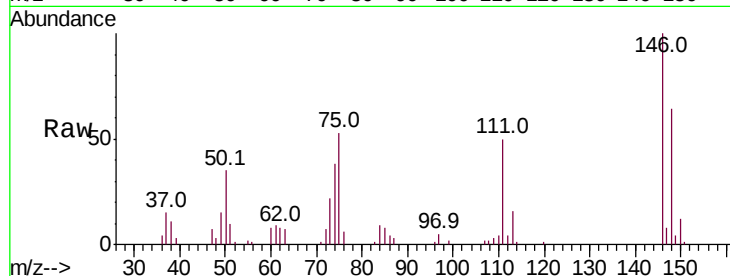
Tot Ion:146 Resp: 72920

Ion Ratio Lower Upper

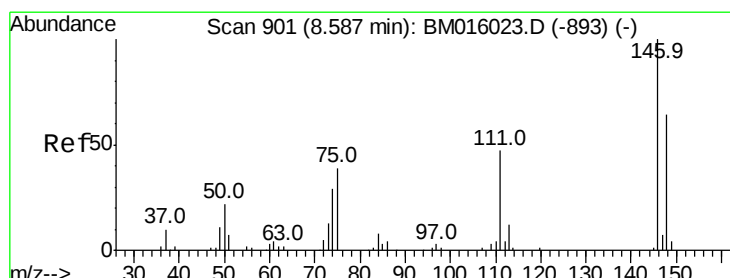
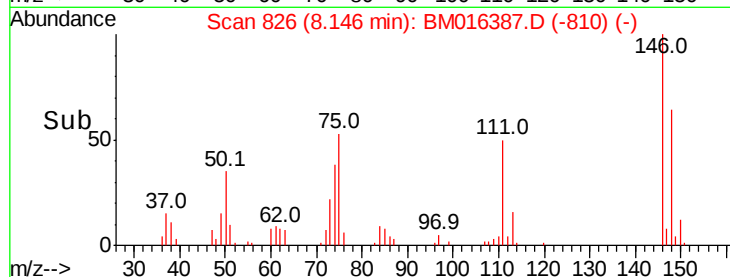
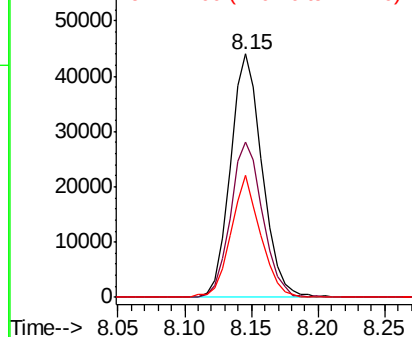
146 100

148 64.0 51.9 77.9

111 50.2 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: 38.581 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

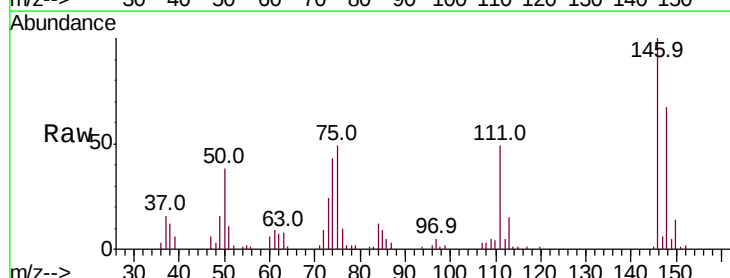
Tgt Ion:146 Resp: 70738

Ion Ratio Lower Upper

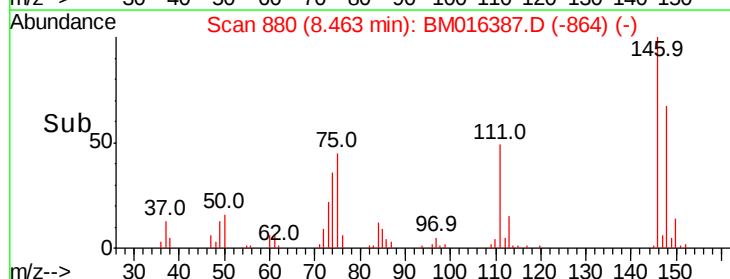
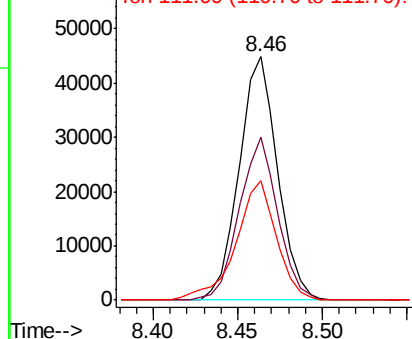
146 100

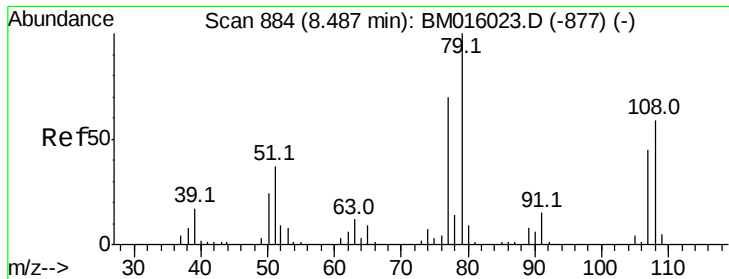
148 66.9 52.3 78.5

111 48.8 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: 43.167 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

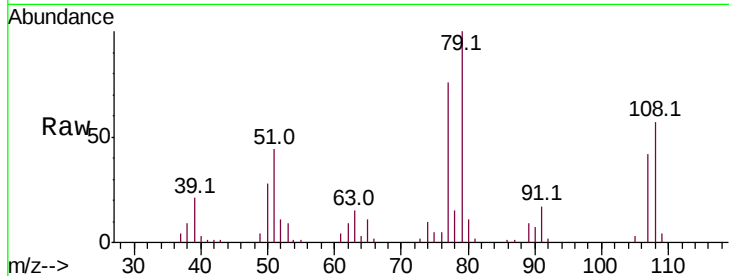
Tot Ion: 79 Resp: 59614

Ion Ratio Lower Upper

79 100

108 57.5 65.0 97.4#

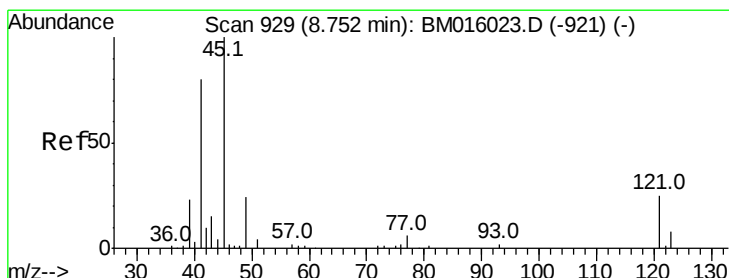
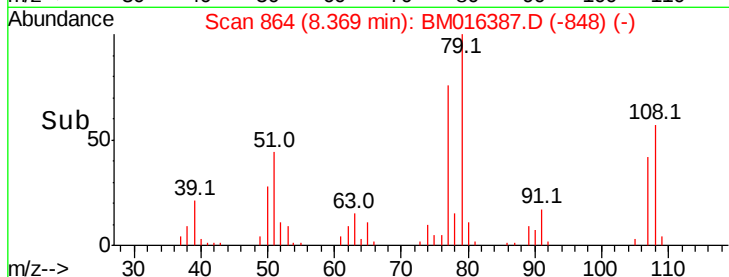
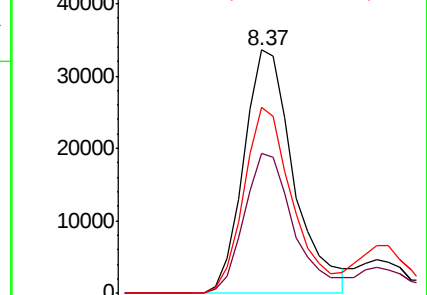
77 76.2 53.0 79.6



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

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

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.666 ng

RT: 8.64 min Scan# 910

Delta R.T. 0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

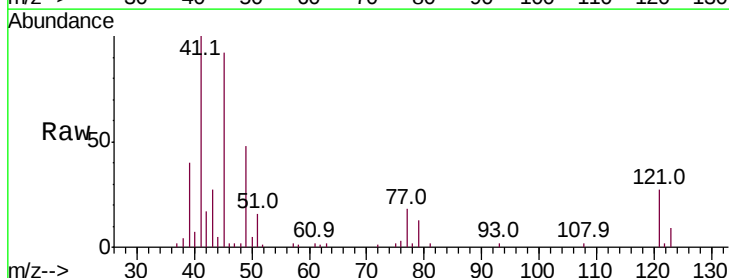
Tgt Ion: 45 Resp: 66400

Ion Ratio Lower Upper

45 100

77 19.3 0.0 35.2

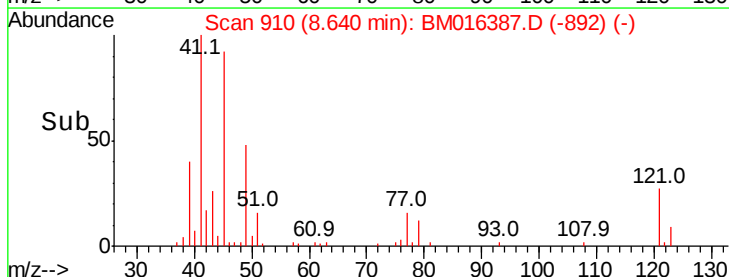
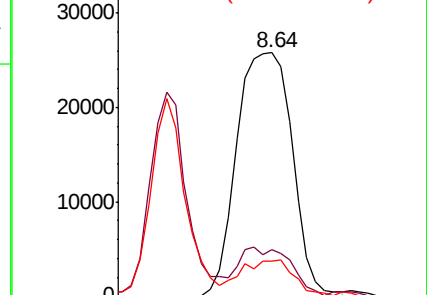
79 14.2 0.0 32.0

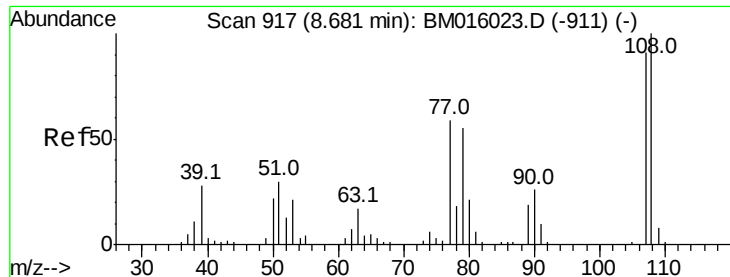


Abundance Ion 45.00 (44.70 to 45.70): BM016023.D (-921) (-)

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

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

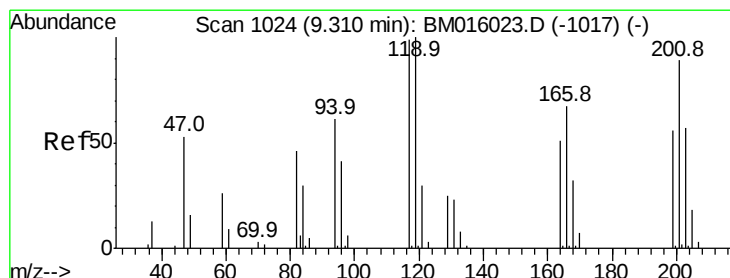
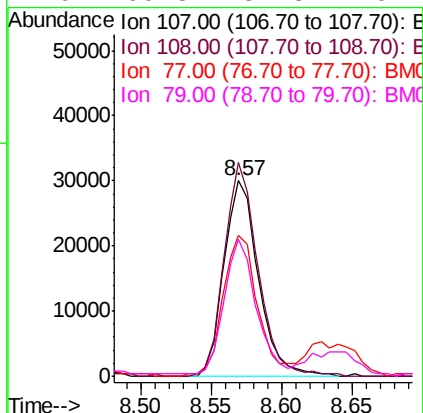
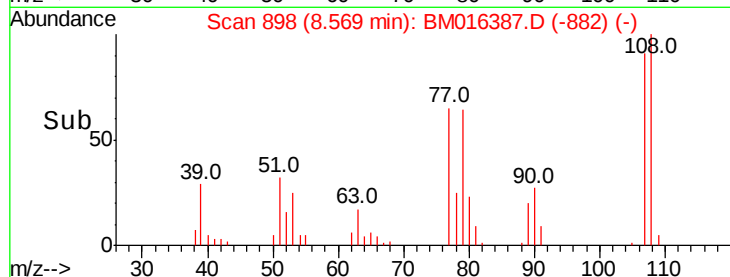
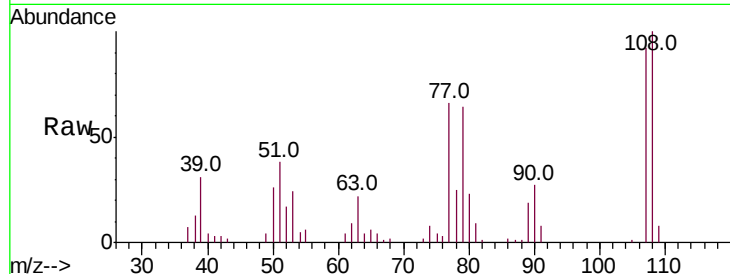




#17
2-Methylphenol
Concen: 43.077 ng
RT: 8.57 min Scan# 898
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

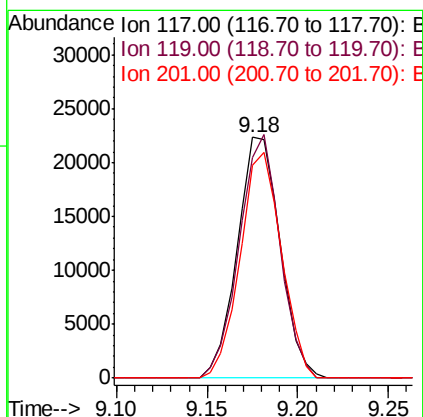
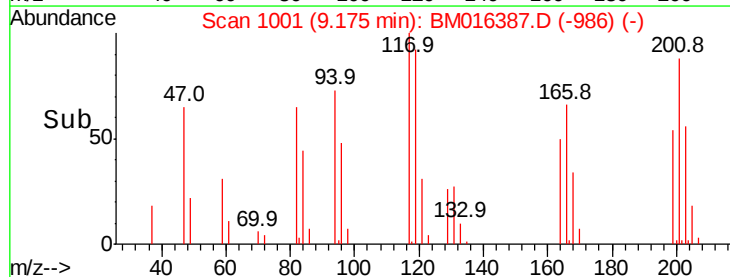
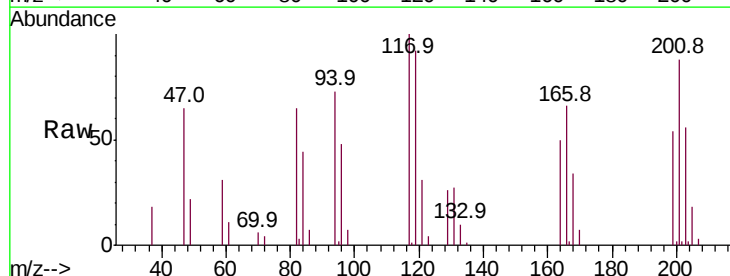
Instrument :
BNA_M
ClientSampleId :
PB112066BS

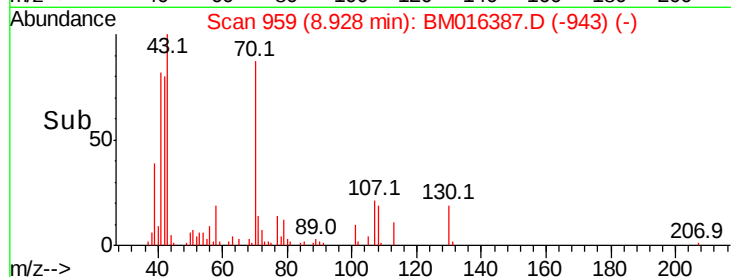
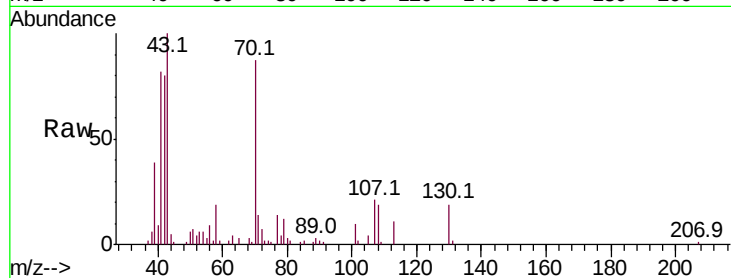
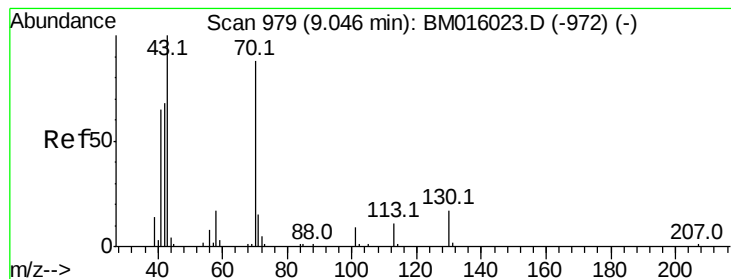
Tot Ion:107 Resp: 51063
Ion Ratio Lower Upper
107 100
108 109.2 89.8 134.8
77 72.0 32.6 48.8#
79 69.8 32.8 49.2#



#18
Hexachloroethane
Concen: 45.342 ng
RT: 9.18 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion:117 Resp: 36726
Ion Ratio Lower Upper
117 100
119 91.8 79.2 118.8
201 88.3 69.8 104.6





#19

n-Nitroso-di-n-propylamine

Concen: 38.167 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

Tot Ion: 70 Resp: 48384

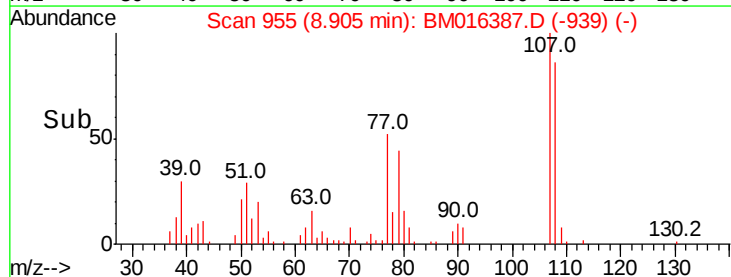
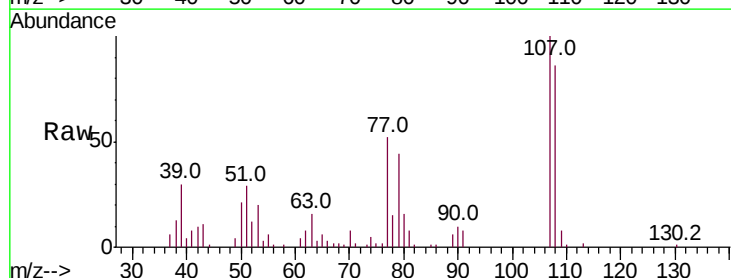
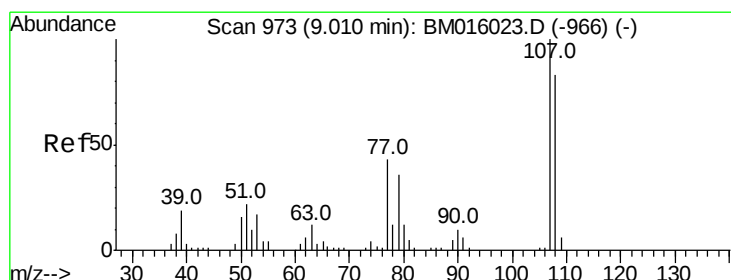
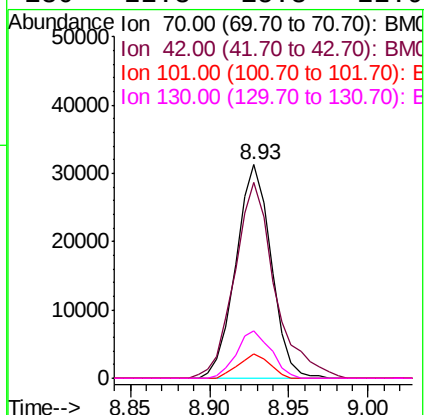
Ion Ratio Lower Upper

70 100

42 91.6 44.5 66.7#

101 11.4 7.4 11.2#

130 22.3 15.3 22.9



#20

3+4-Methylphenols

Concen: 39.161 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Tgt Ion: 107 Resp: 66788

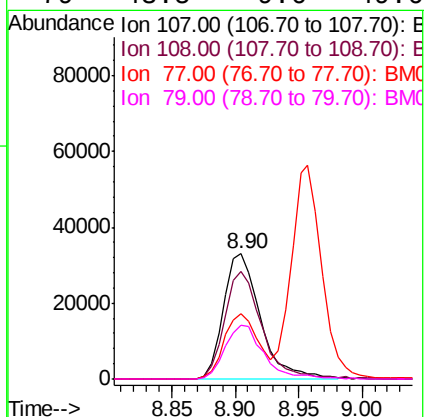
Ion Ratio Lower Upper

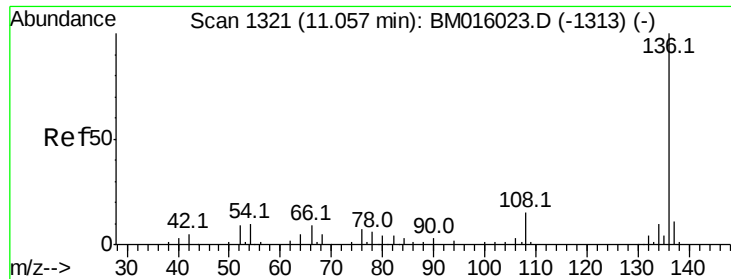
107 100

108 85.8 73.2 113.2

77 51.8 10.7 50.7#

79 43.5 9.6 49.6

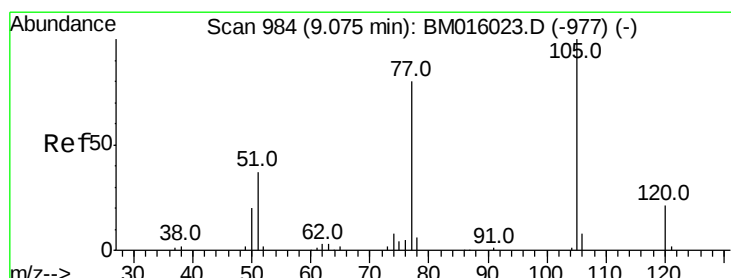
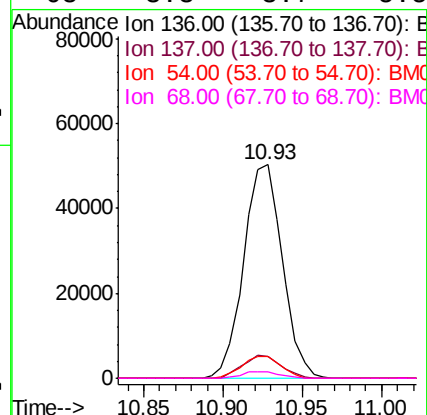
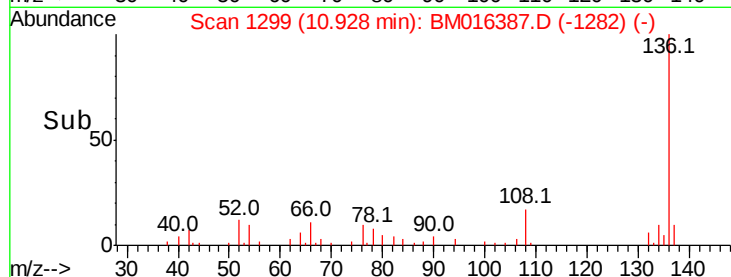
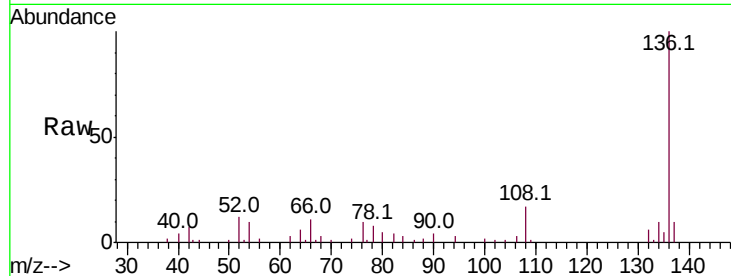




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

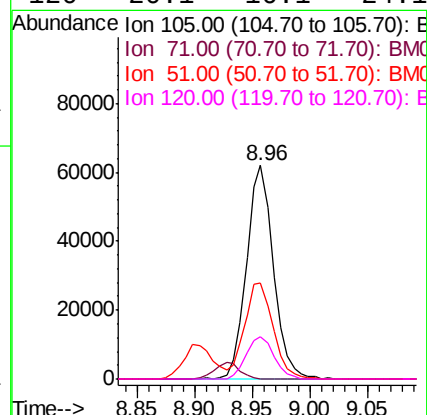
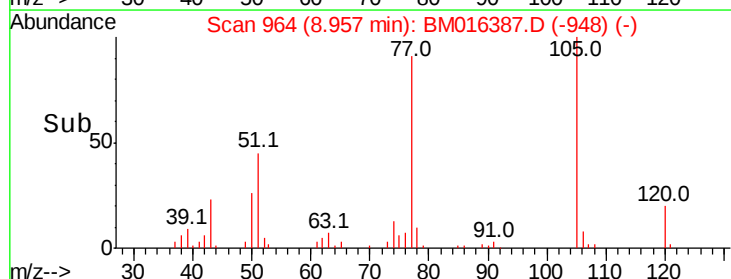
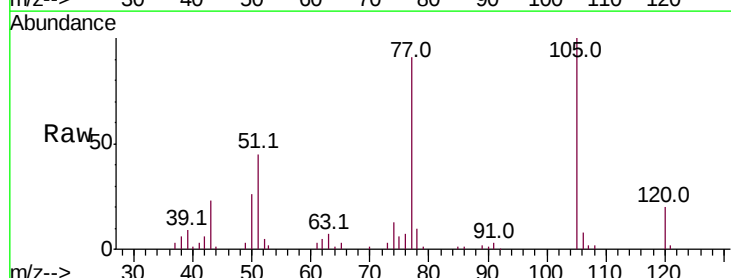
Instrument :
BNA_M
ClientSampleId :
PB112066BS

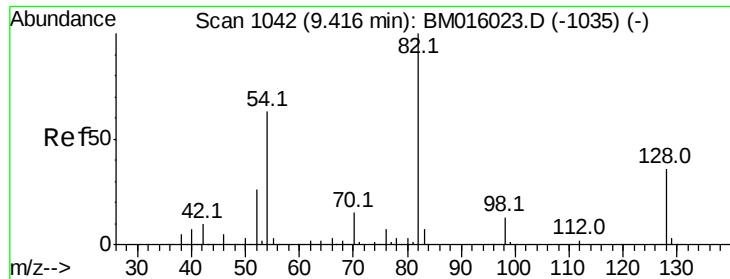
Tot Ion:136	Resp:	85505
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	10.0	4.6 6.8#
68	3.3	3.7 5.5#



#22
Acetophenone
Concen: 46.556 ng
RT: 8.96 min Scan# 964
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion:105	Resp:	100235
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.6 1.0#
51	45.1	21.6 32.4#
120	20.1	16.1 24.1

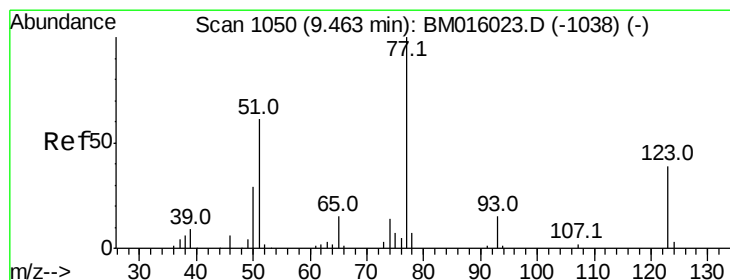
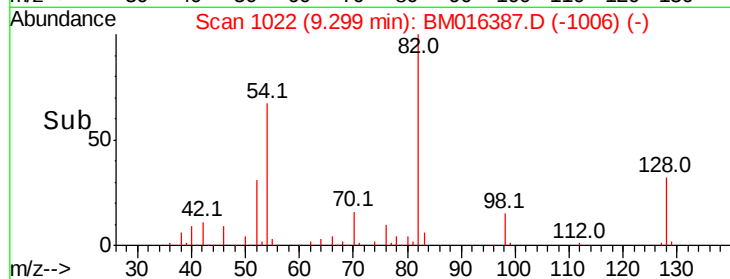
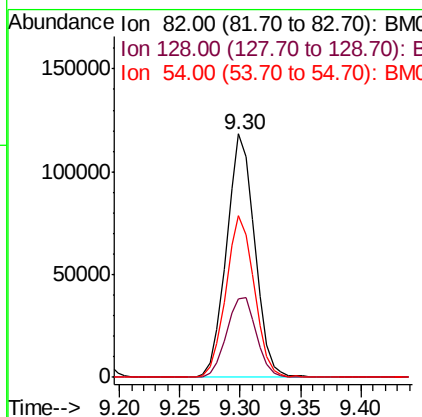
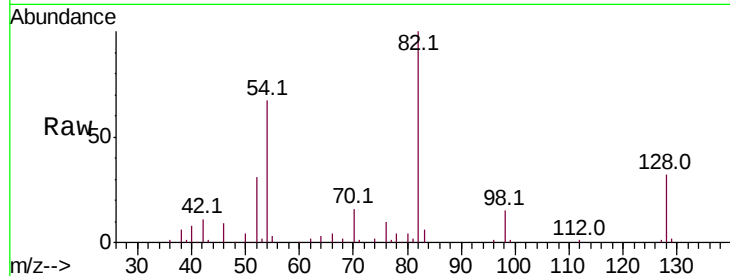




#23
 Nitrobenzene-d5
 Concen: 46.556 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

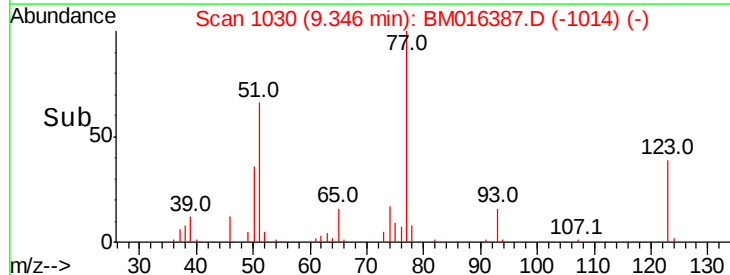
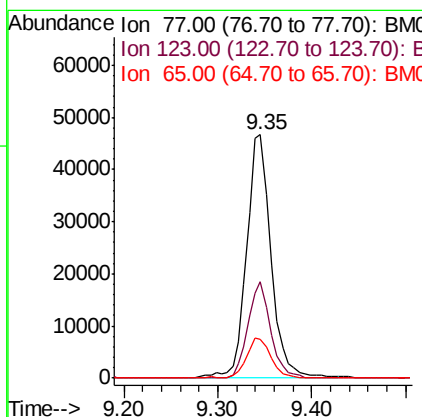
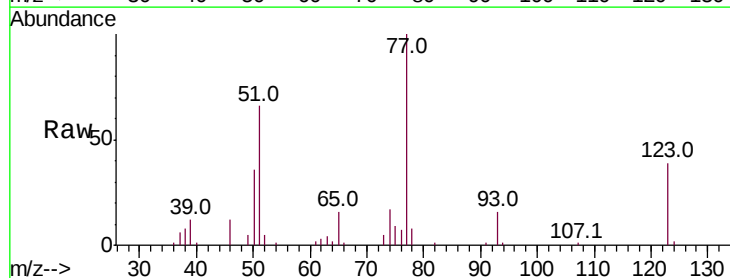
Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

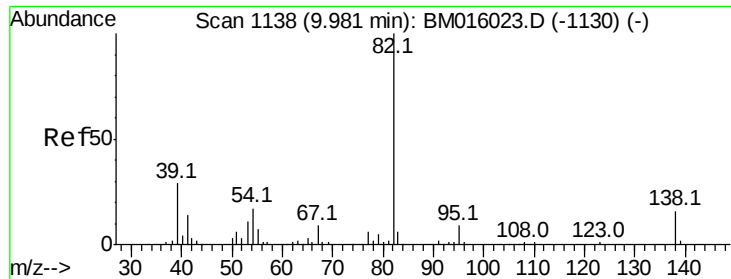
Tot Ion	82	Resp	192363
Ion Ratio	Lower	Upper	
82	100		
128	32.1	32.8	49.2#
54	66.6	40.6	60.8#



#24
 Nitrobenzene
 Concen: 45.656 ng
 RT: 9.35 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion	77	Resp	84485
Ion Ratio	Lower	Upper	
77	100		
123	39.4	32.6	49.0
65	16.1	10.9	16.3





#25

Isophorone

Concen: 50.860 ng

RT: 9.86 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

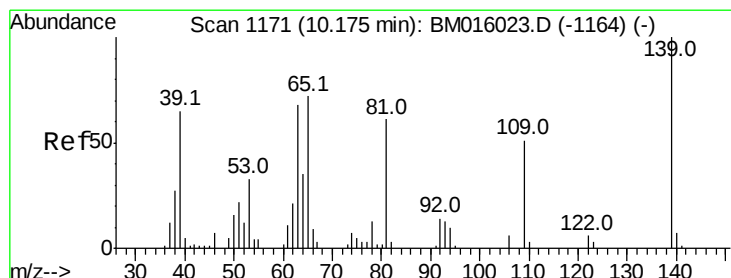
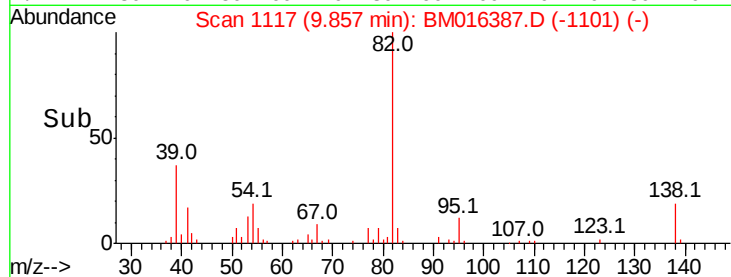
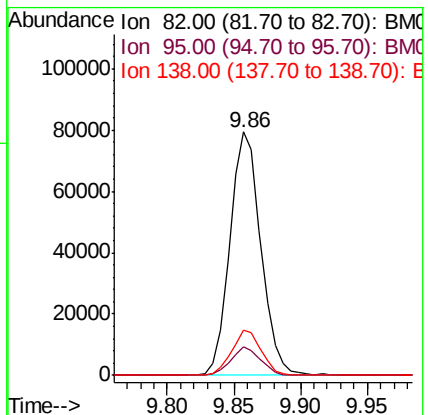
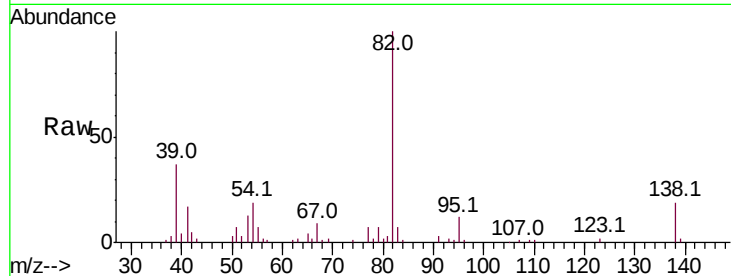
Tot Ion: 82 Resp: 127894

Ion Ratio Lower Upper

82 100

95 11.6 5.8 8.6#

138 18.5 16.3 24.5



#26

2-Nitrophenol

Concen: 45.610 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

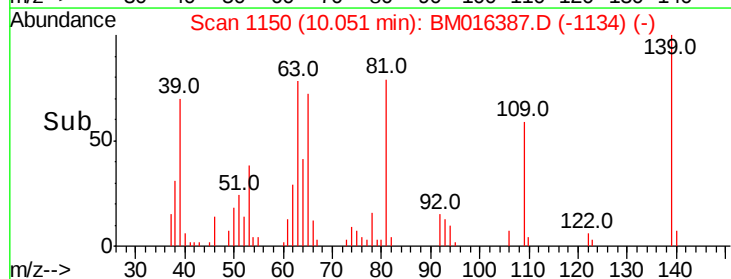
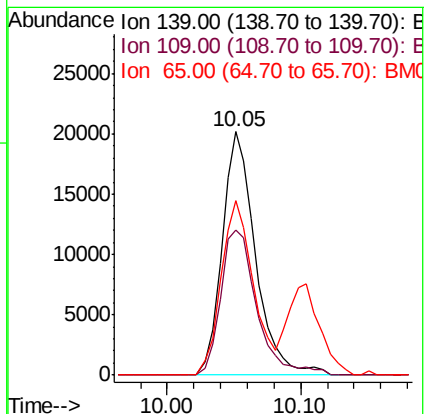
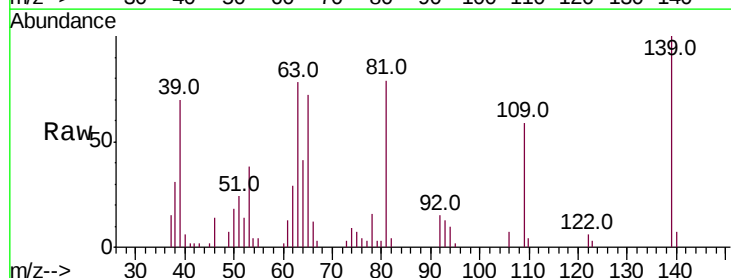
Tgt Ion: 139 Resp: 35232

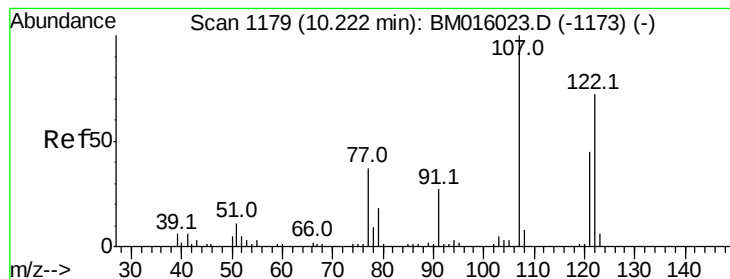
Ion Ratio Lower Upper

139 100

109 59.4 20.1 30.1#

65 71.8 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 54.024 ng

RT: 10.10 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

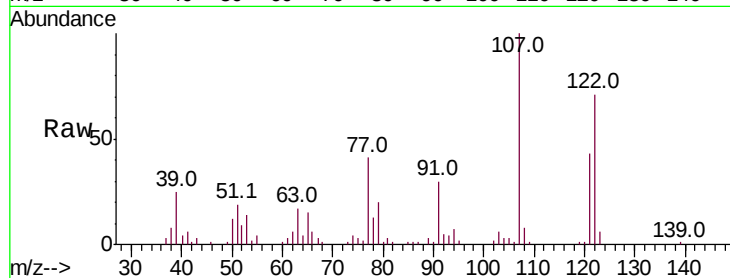
Tot Ion:122 Resp: 58140

Ion Ratio Lower Upper

122 100

107 141.1 84.7 127.1#

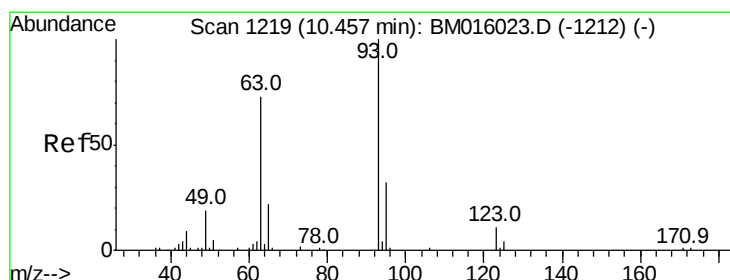
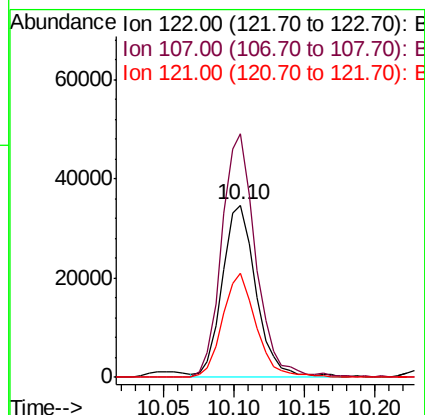
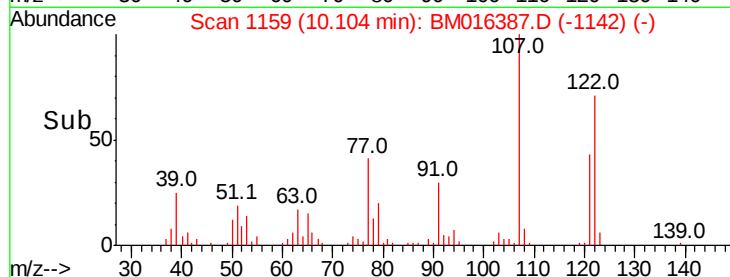
121 60.7 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.895 ng

RT: 10.33 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

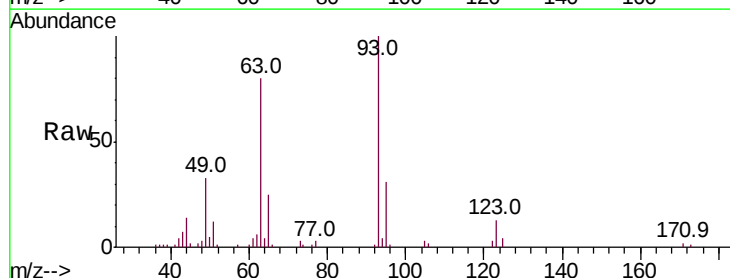
Tgt Ion: 93 Resp: 70107

Ion Ratio Lower Upper

93 100

95 31.3 25.5 38.3

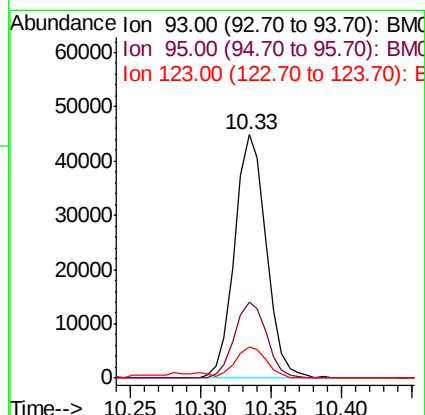
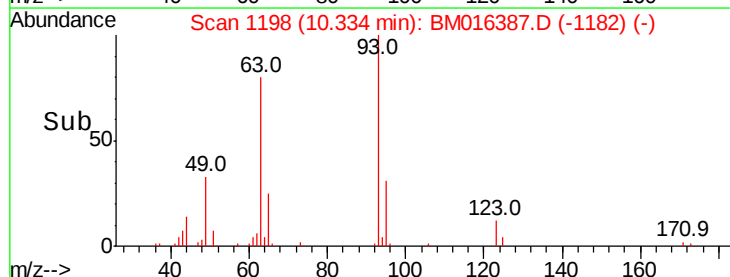
123 12.6 8.6 13.0

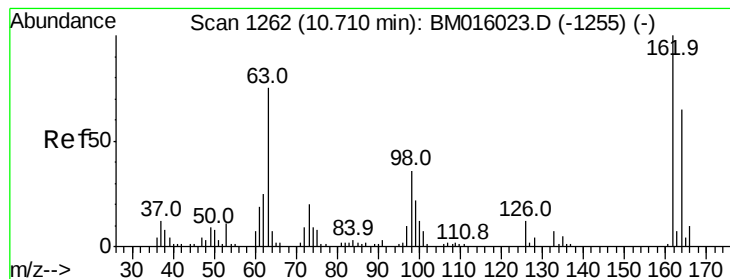


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.784 ng

RT: 10.59 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

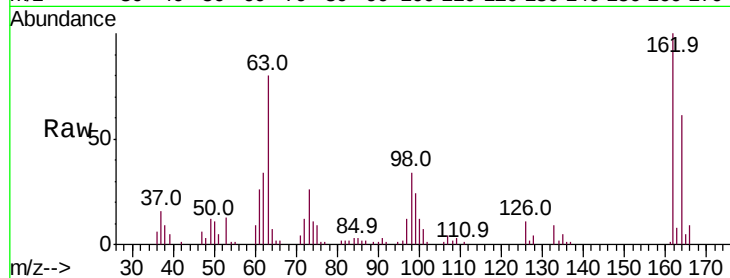
Tot Ion:162 Resp: 62387

Ion Ratio Lower Upper

162 100

164 61.2 42.8 82.8

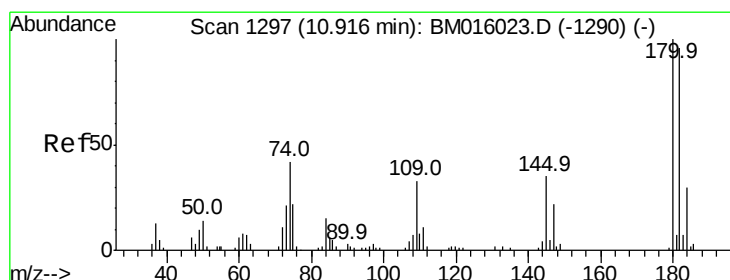
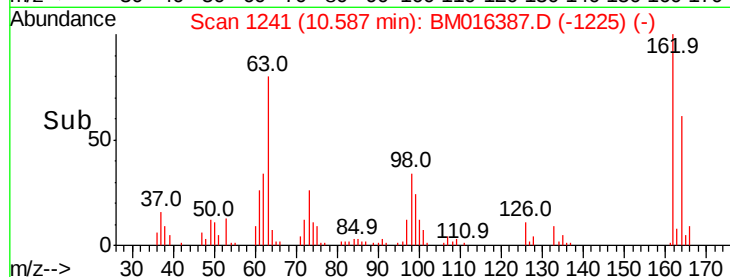
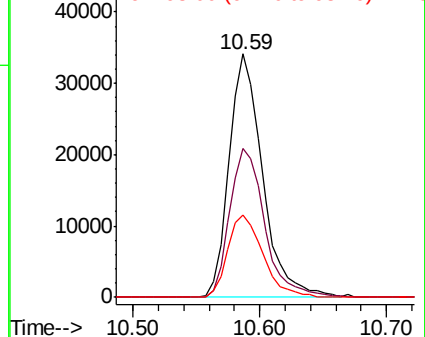
98 33.8 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 45.207 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

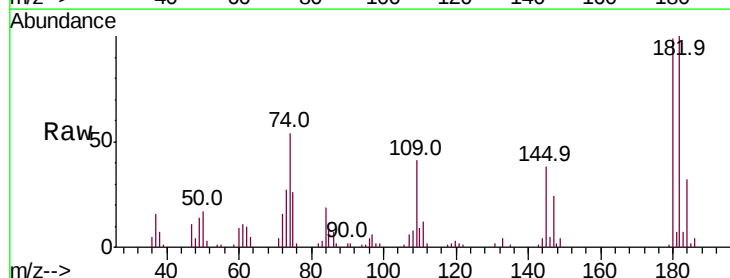
Tgt Ion:180 Resp: 70243

Ion Ratio Lower Upper

180 100

182 101.2 77.6 116.4

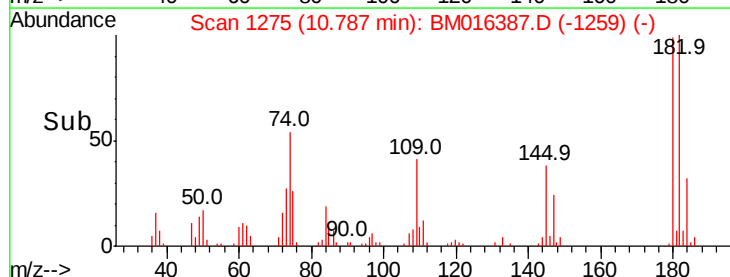
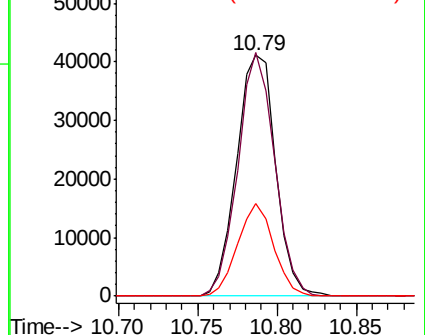
145 38.4 23.4 35.2#

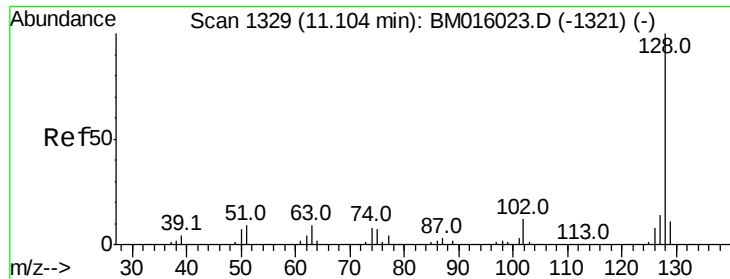


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

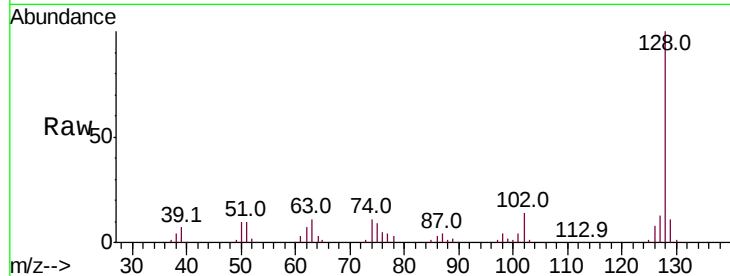




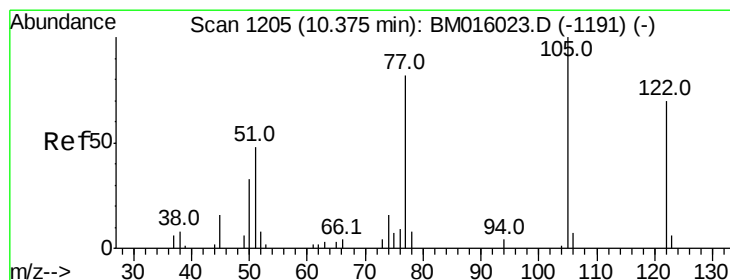
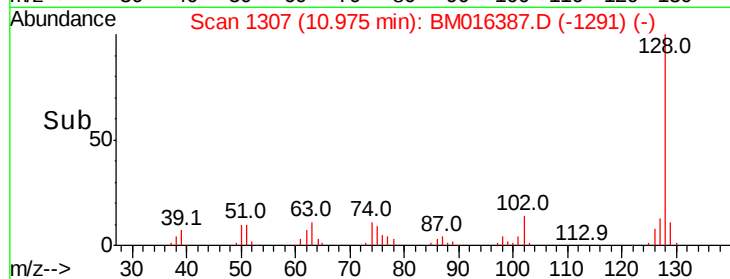
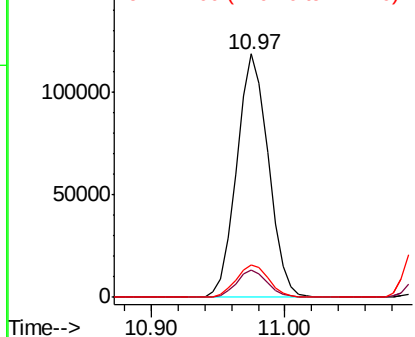
#31
Naphthalene
Concen: 45.014 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Instrument :
BNA_M
ClientSampleId :
PB112066BS

Tot Ion:128 Resp: 194797
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.2 10.4 15.6

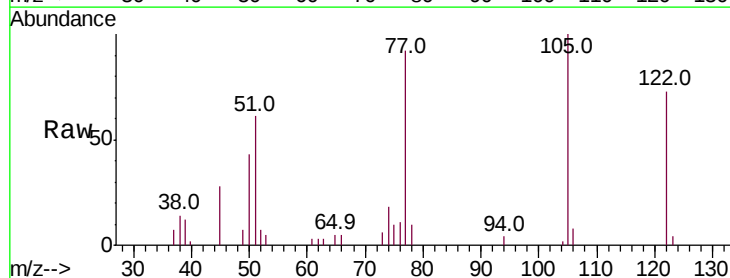


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

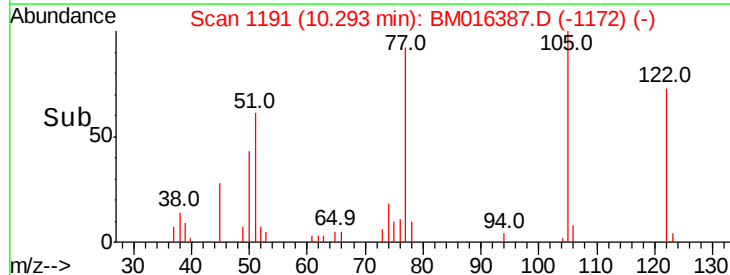
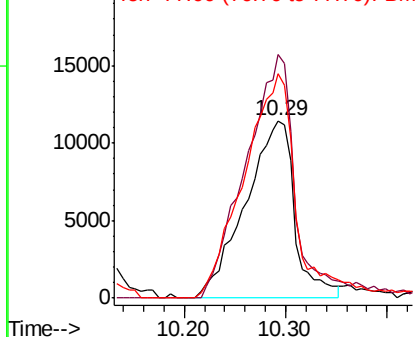


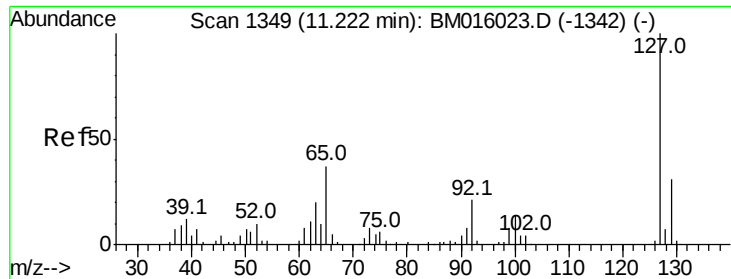
#32
Benzoic acid
Concen: 47.141 ng
RT: 10.29 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion:122 Resp: 38674
Ion Ratio Lower Upper
122 100
105 137.1 99.9 139.9
77 126.3 73.7 113.7#



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

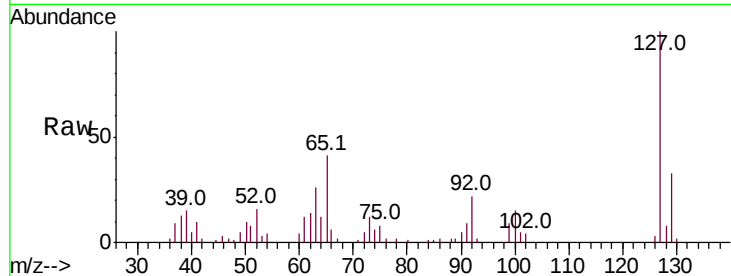




#33
4-Chloroaniline
Concen: 41.639 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Instrument :
BNA_M
ClientSampleId :
PB112066BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.3	37.9
65	41.2	17.6	26.4
92	22.0	13.1	19.7



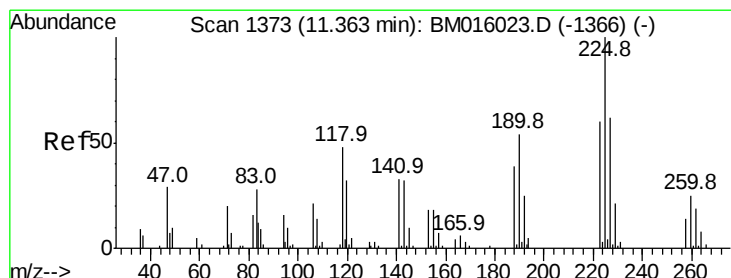
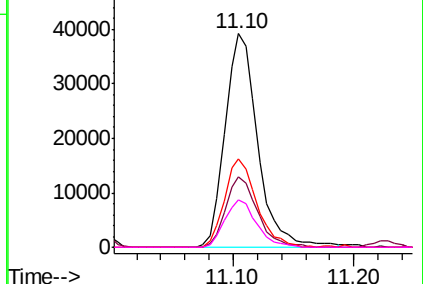
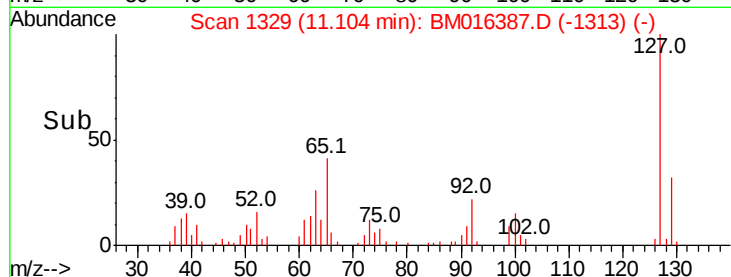
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

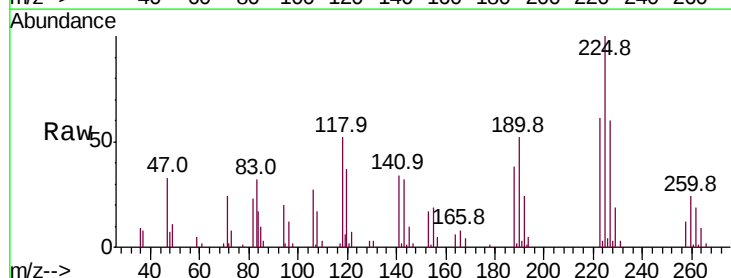
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 52.639 ng
RT: 11.23 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	47.9	71.9
227	59.7	50.1	75.1

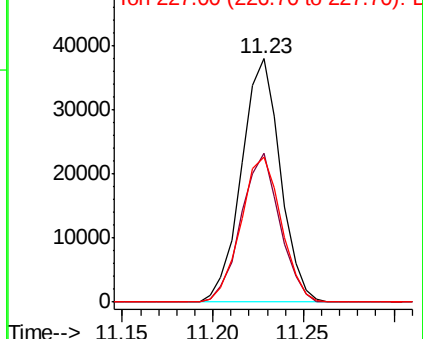
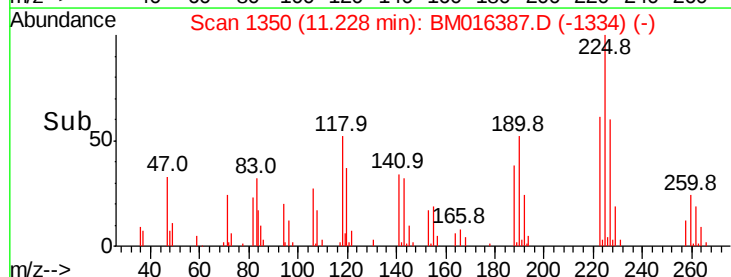


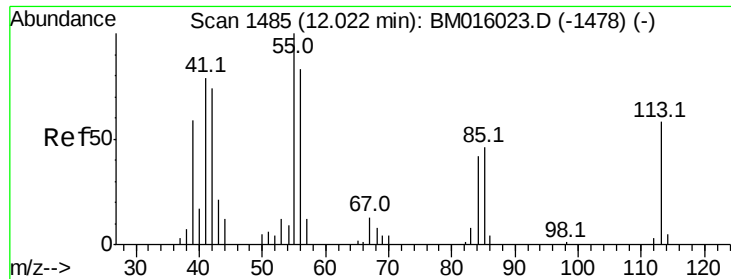
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.624 ng

RT: 11.92 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

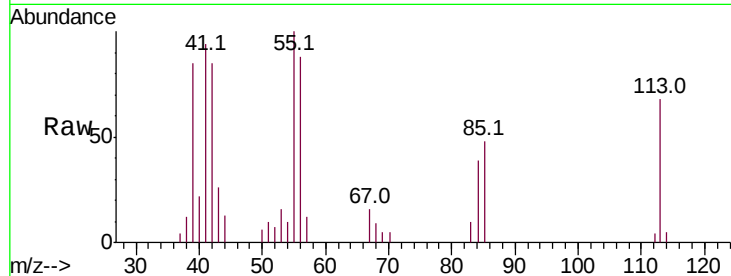
Tot Ion:113 Resp: 16160

Ion Ratio Lower Upper

113 100

55 147.3 145.9 185.9

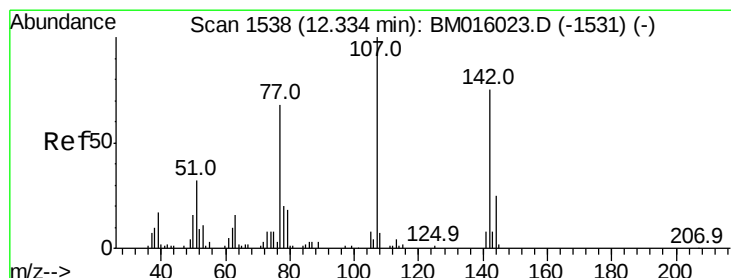
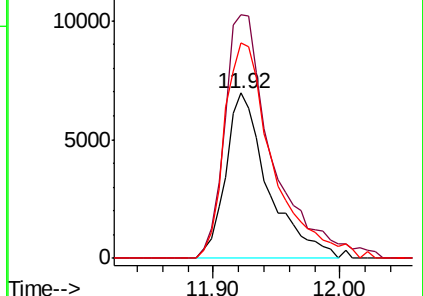
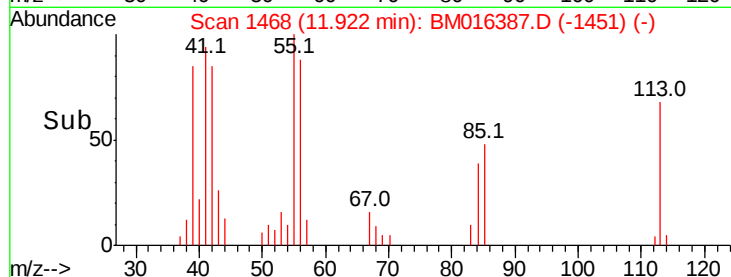
56 130.2 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 48.606 ng

RT: 12.23 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

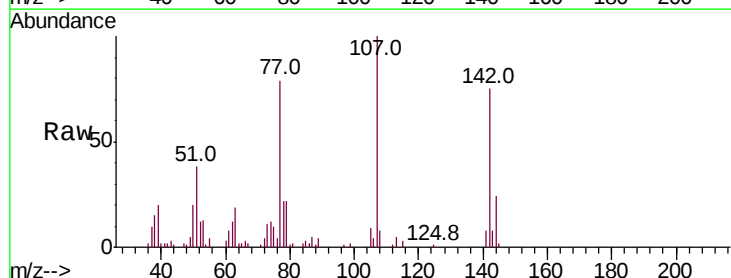
Tgt Ion:107 Resp: 68368

Ion Ratio Lower Upper

107 100

144 24.5 23.3 34.9

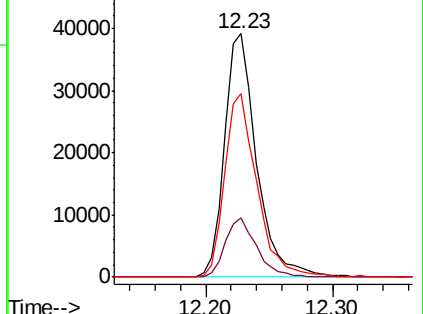
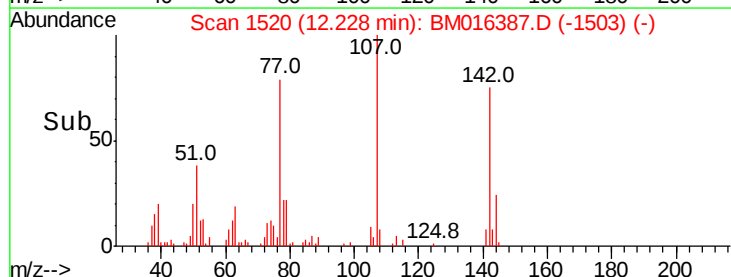
142 75.2 72.6 109.0

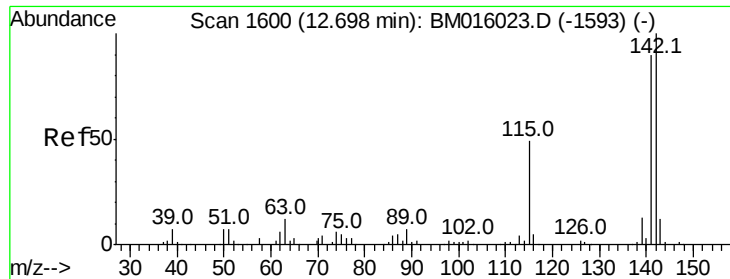


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

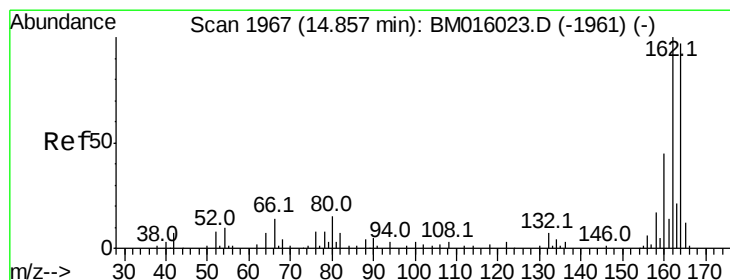
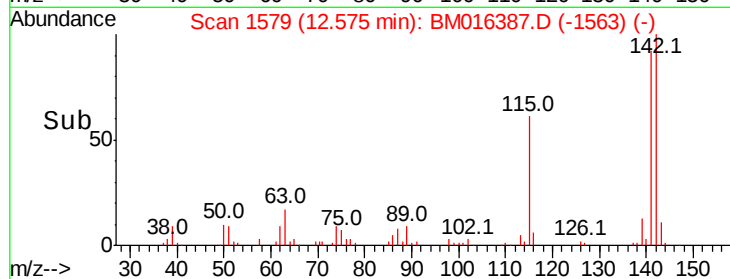
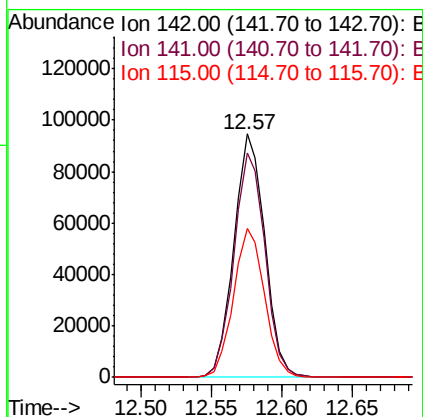
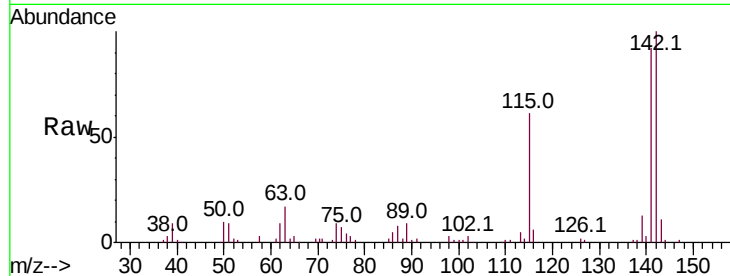




#37
 2-Methylnaphthalene
 Concen: 49.865 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

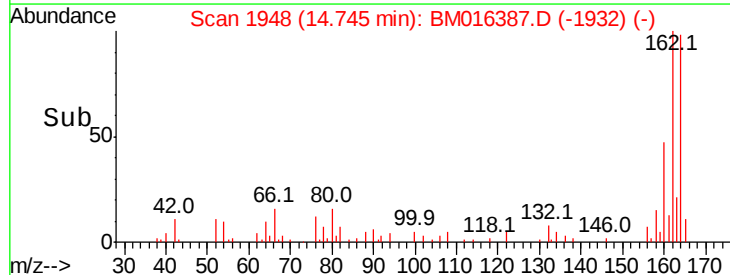
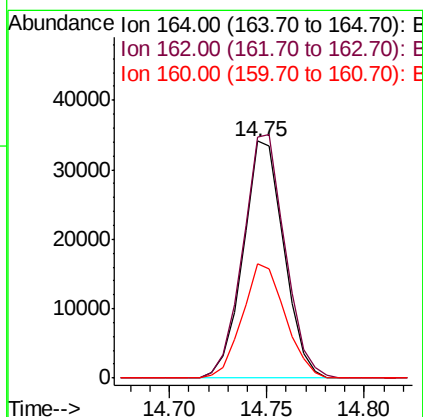
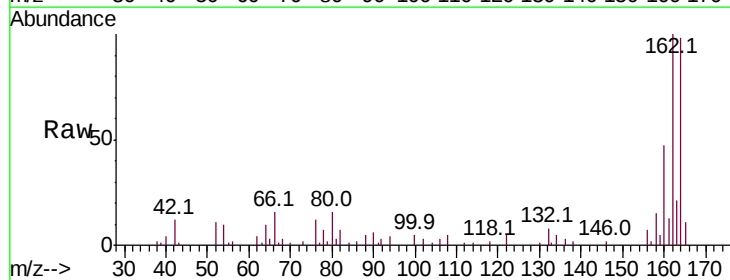
Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

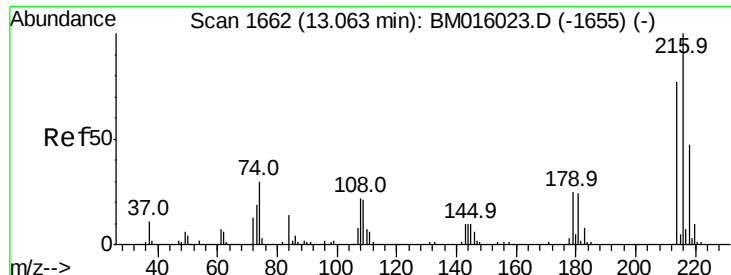
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.9	107.9
115	61.2	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.4	123.6
160	48.0	35.8	53.6

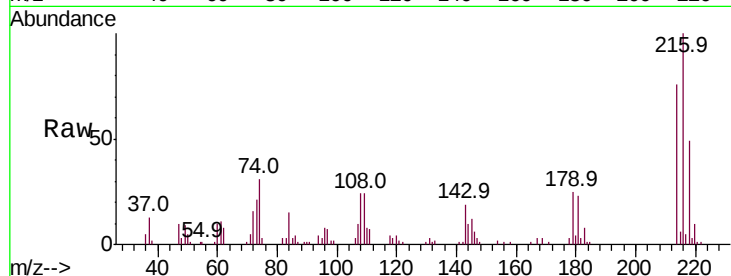




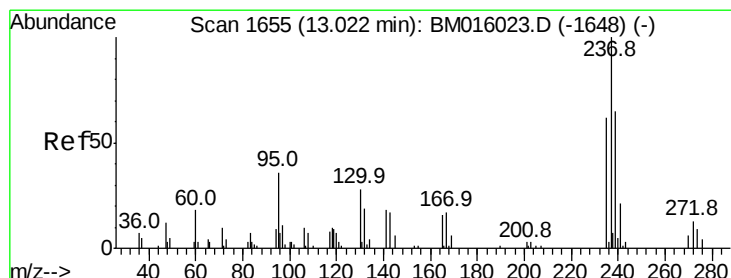
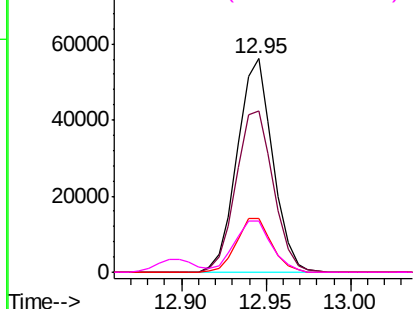
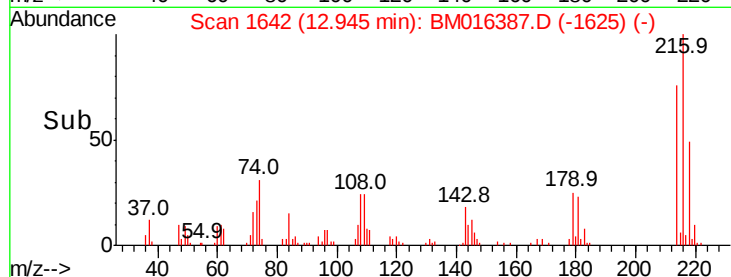
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.934 ng
 RT: 12.95 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

Tot Ion:	216	Resp:	82124
Ion	Ratio	Lower	Upper
216	100		
214	79.5	0.0	0.0#
179	25.1	0.0	0.0#
108	25.1	0.0	0.0#

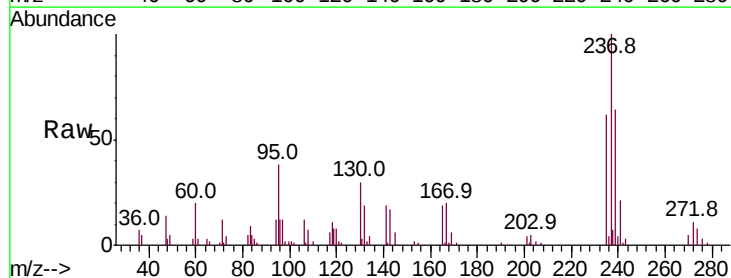


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

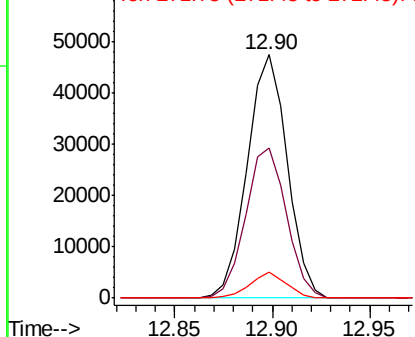
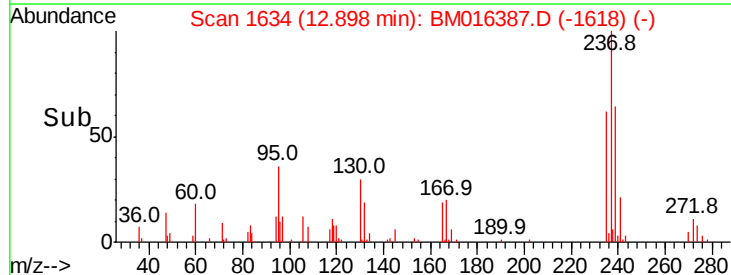


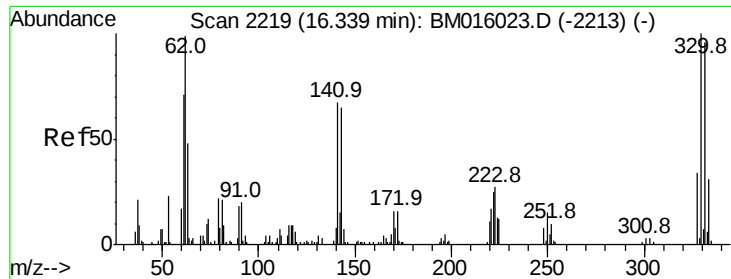
#40
 Hexachlorocyclopentadiene
 Concen: 81.338 ng
 RT: 12.90 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion:	237	Resp:	67122
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.0	82.0
272	10.5	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

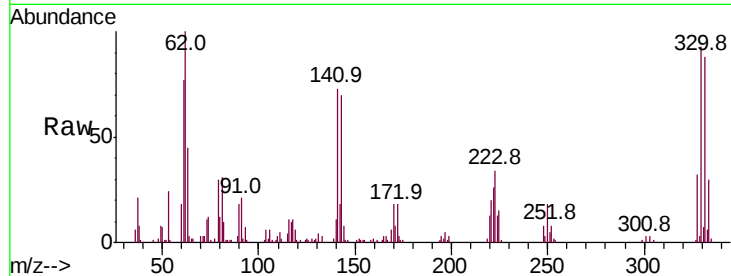




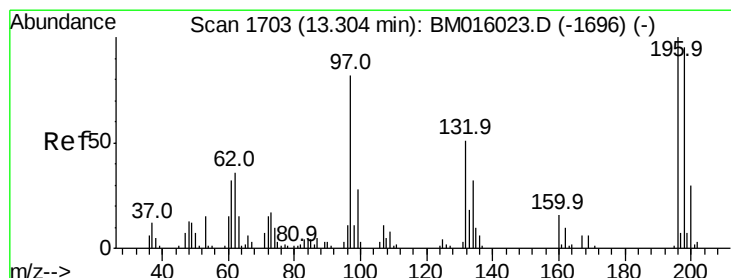
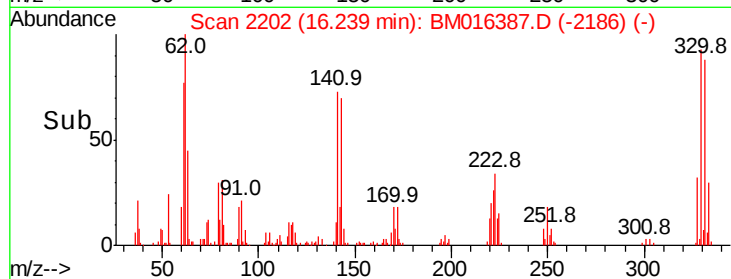
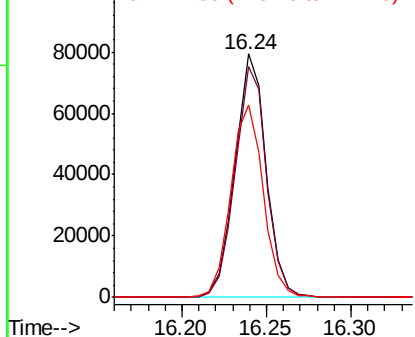
#41
 2,4,6-Tribromophenol
 Concen: 81.338 ng
 RT: 16.24 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

Tot Ion:330 Resp: 101644
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 82.2 0.0 0.0#

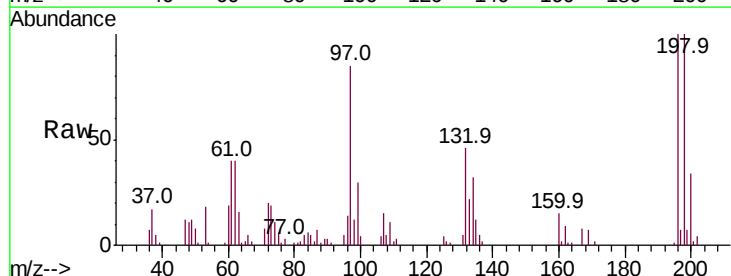


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

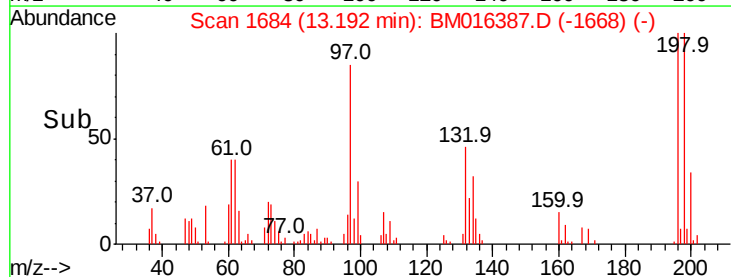
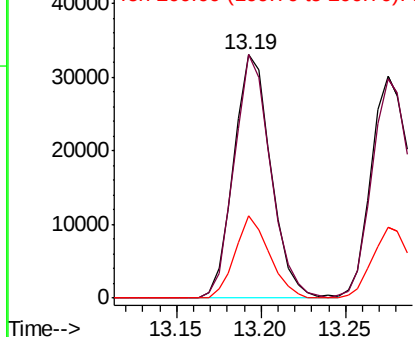


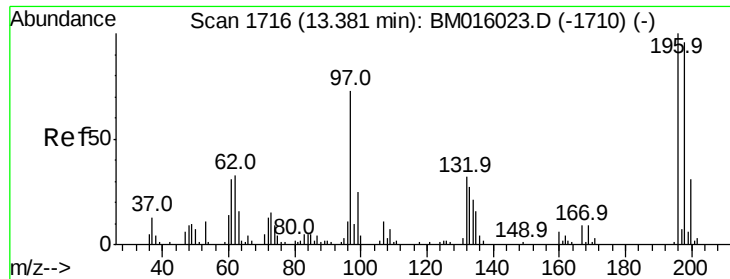
#42
 2,4,6-Trichlorophenol
 Concen: 48.419 ng
 RT: 13.19 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion:196 Resp: 50841
 Ion Ratio Lower Upper
 196 100
 198 100.1 76.3 114.5
 200 33.6 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

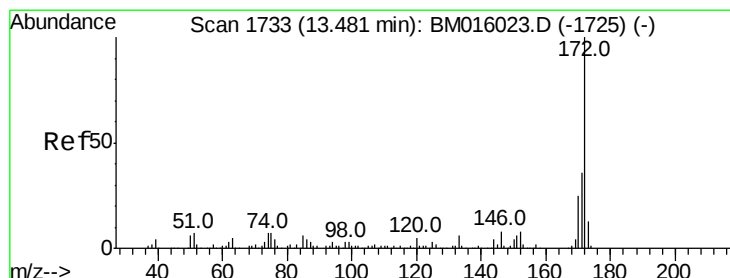
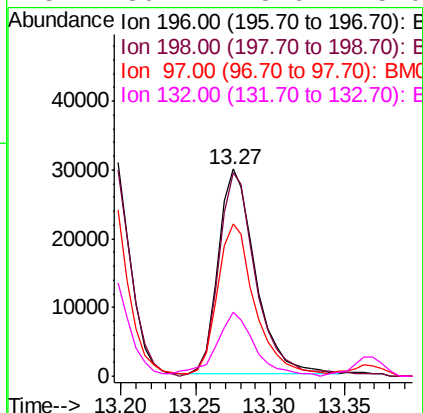
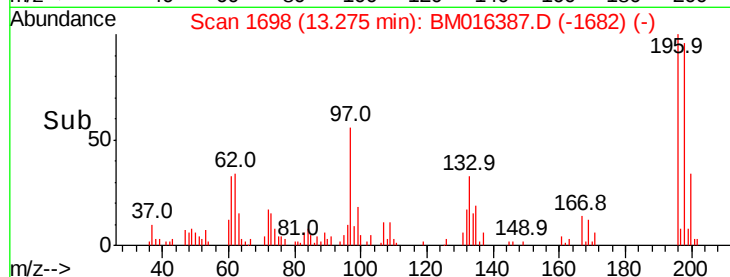
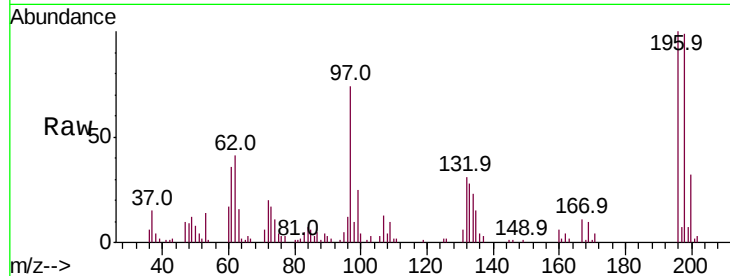




#43
 2,4,5-Trichlorophenol
 Concen: 48.004 ng
 RT: 13.27 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

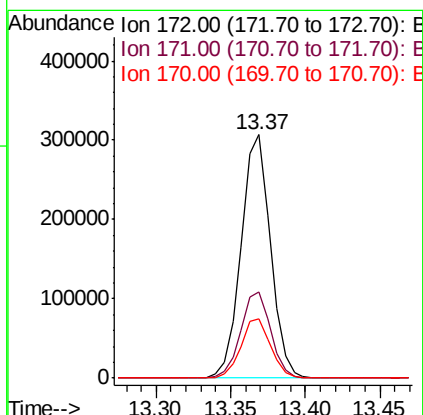
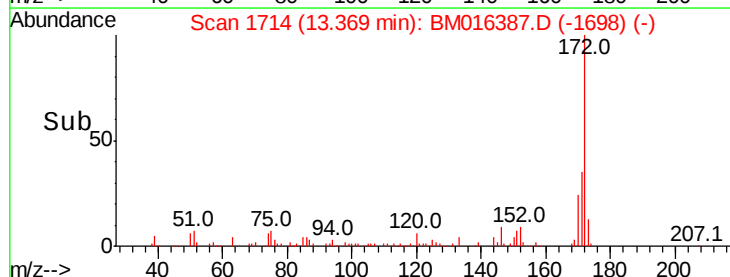
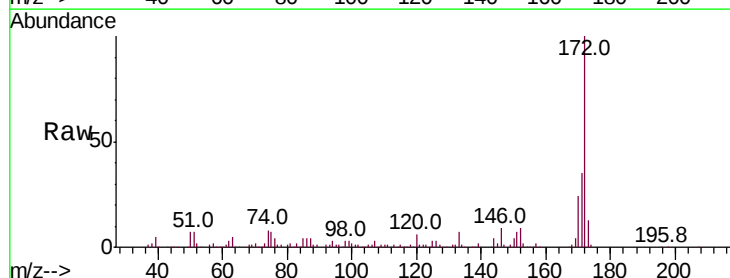
Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.7	79.4	119.0
97	73.6	26.8	40.2
132	30.7	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 48.004 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.2	18.8	28.2

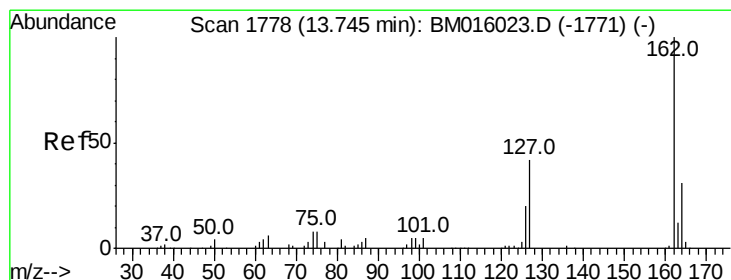
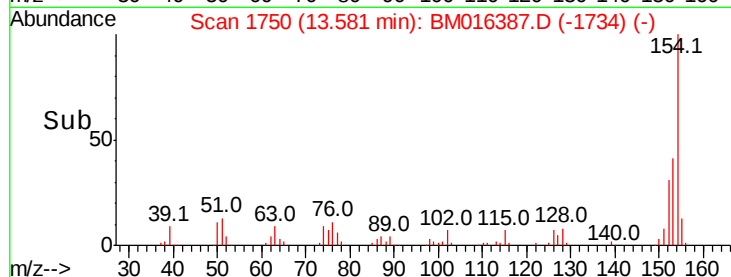
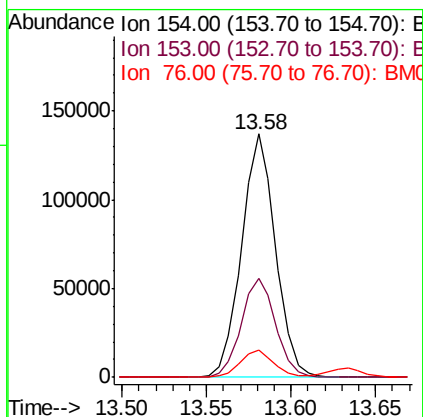
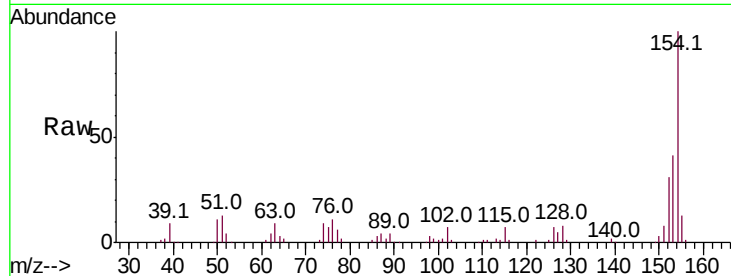




#45
 1,1'-Biphenyl
 Concen: 42.907 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

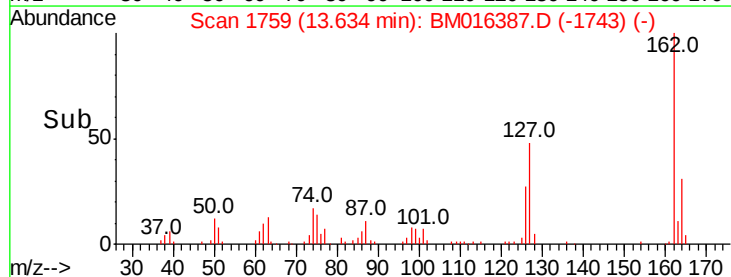
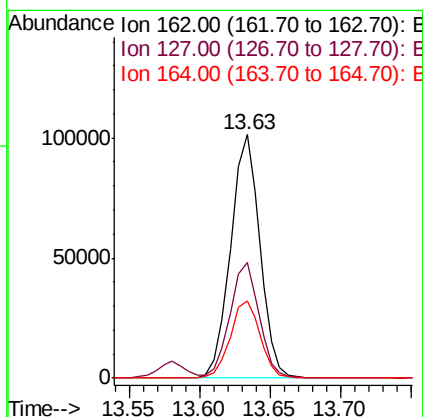
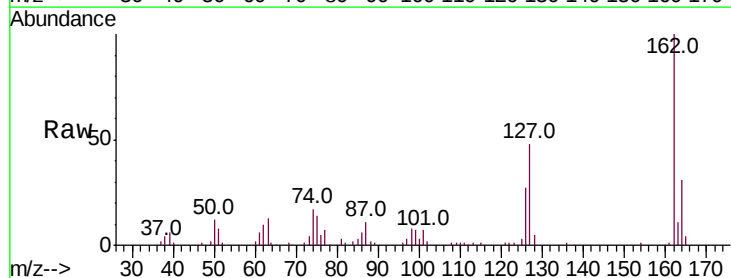
Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

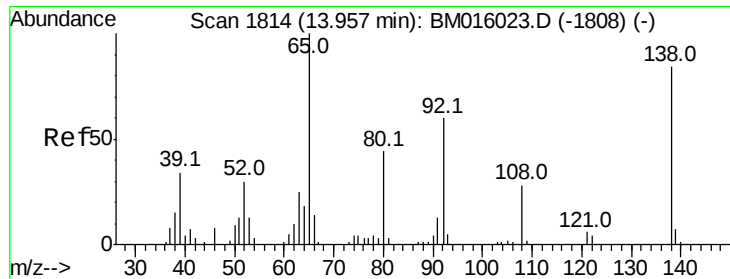
Tot Ion:	154	Resp:	190885
Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.7	60.7
76	11.4	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 42.290 ng
 RT: 13.63 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion:	162	Resp:	146331
Ion	Ratio	Lower	Upper
162	100		
127	47.7	26.9	40.3#
164	31.5	26.8	40.2

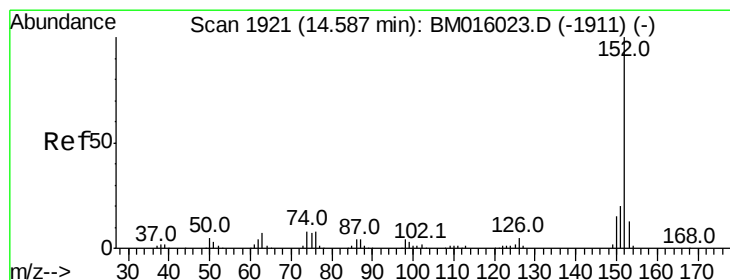
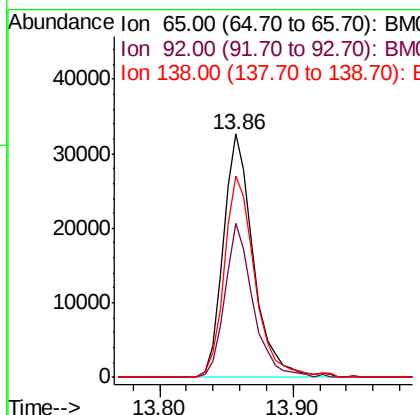
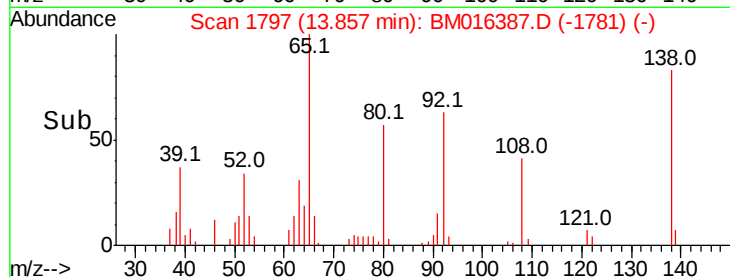
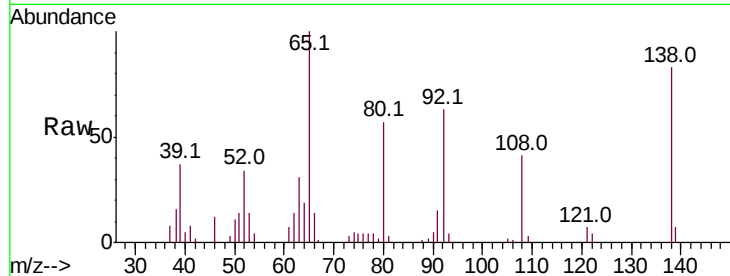




#47
 2-Nitroaniline
 Concen: 45.313 ng
 RT: 13.86 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

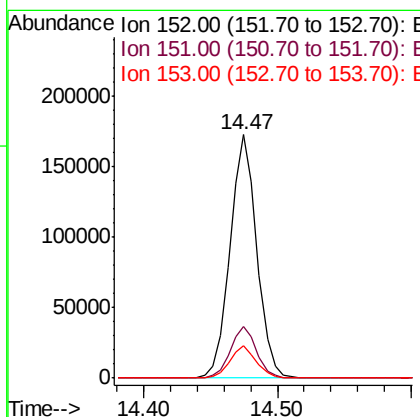
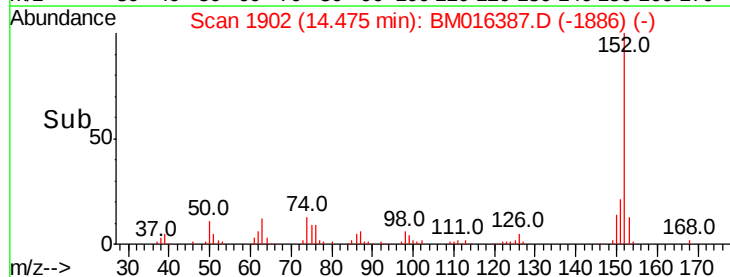
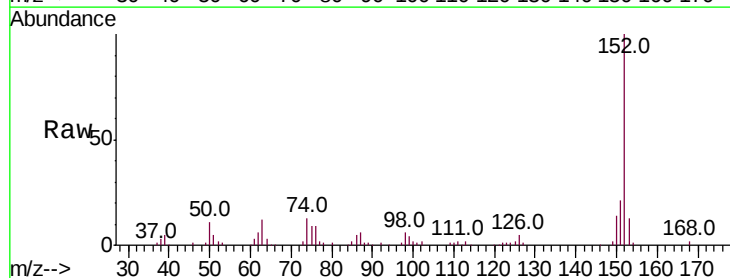
Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

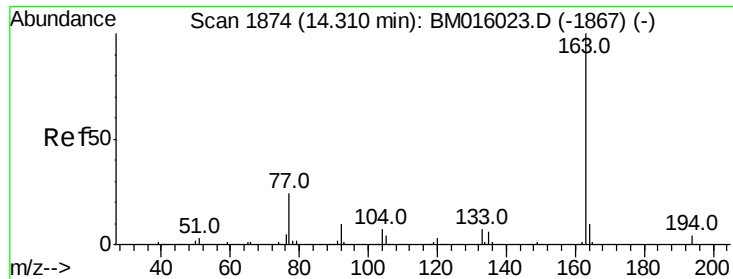
Tot Ion: 65 Resp: 51837
 Ion Ratio Lower Upper
 65 100
 92 63.0 59.1 88.7
 138 82.5 93.9 140.9#



#48
 Acenaphthylene
 Concen: 47.642 ng
 RT: 14.47 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion:152 Resp: 241332
 Ion Ratio Lower Upper
 152 100
 151 21.0 15.9 23.9
 153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 45.921 ng

RT: 14.21 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

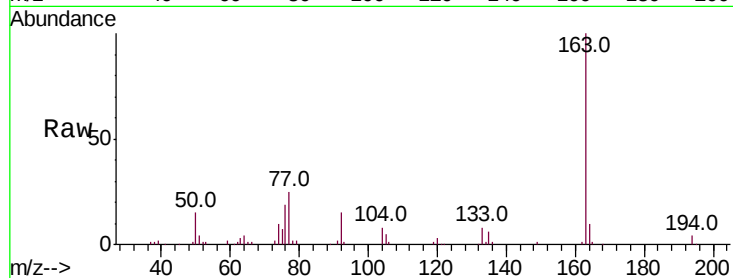
Tot Ion:163 Resp: 198111

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

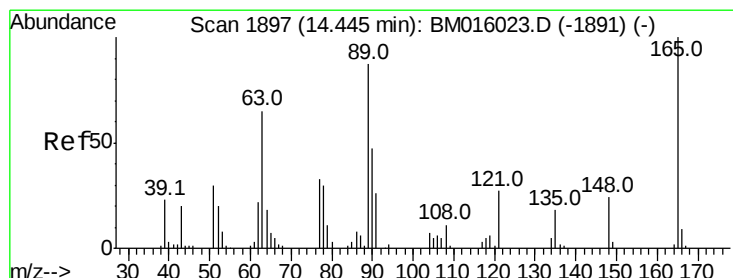
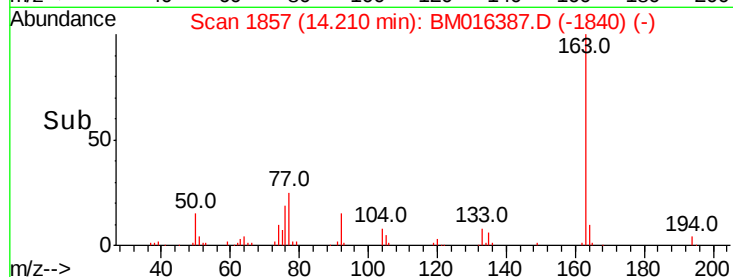
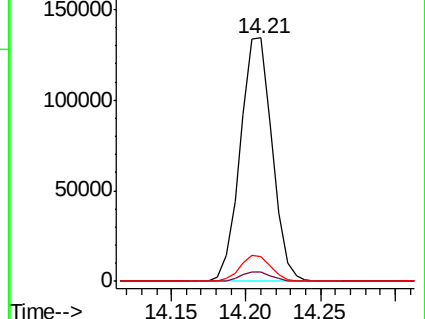
164 10.0 8.2 12.2



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: 45.389 ng

RT: 14.35 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

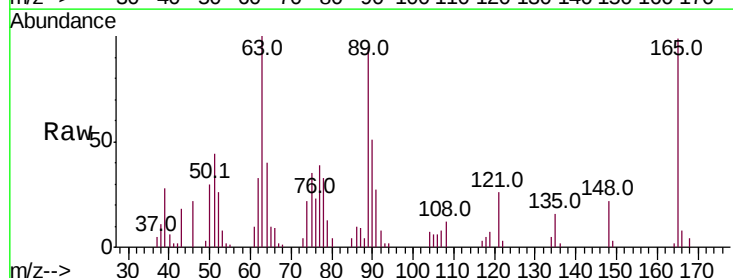
Tgt Ion:165 Resp: 39399

Ion Ratio Lower Upper

165 100

63 101.2 44.1 66.1#

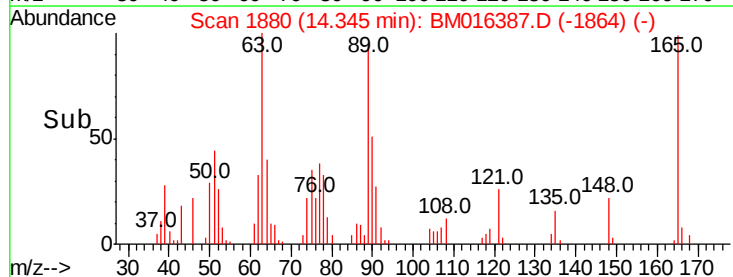
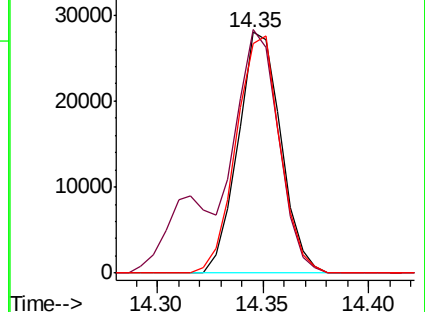
89 95.2 44.3 66.5#

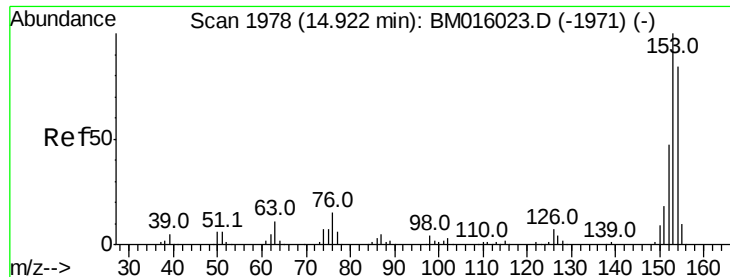


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 44.080 ng

RT: 14.82 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

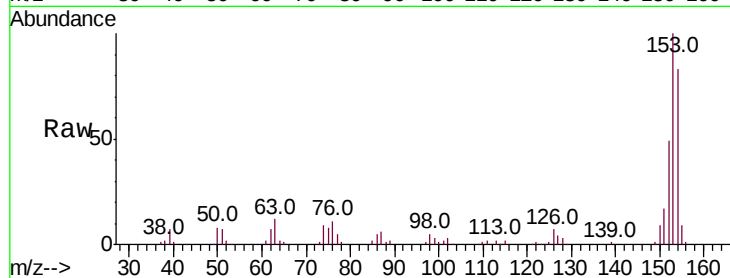
Tot Ion:154 Resp: 137325

Ion Ratio Lower Upper

154 100

153 120.2 90.0 135.0

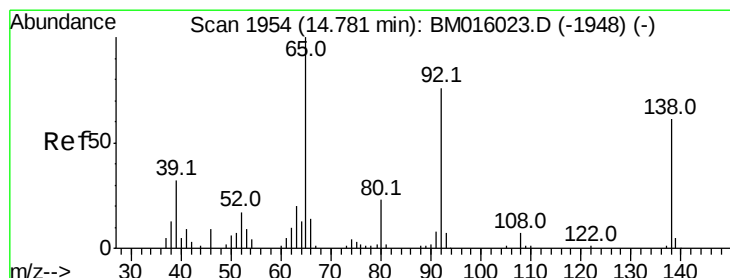
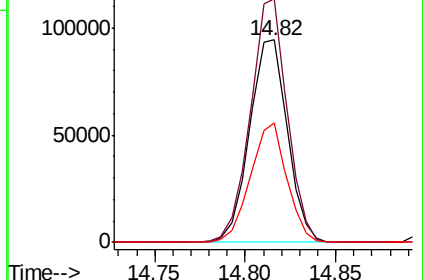
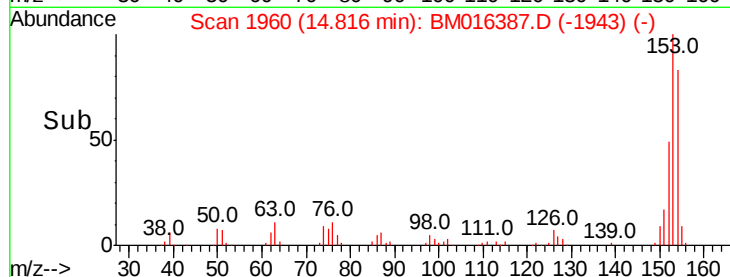
152 58.7 42.6 63.8



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: 38.551 ng

RT: 14.69 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

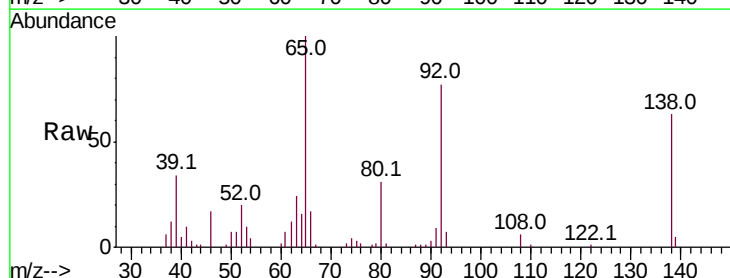
Tgt Ion:138 Resp: 36144

Ion Ratio Lower Upper

138 100

108 9.7 7.3 10.9

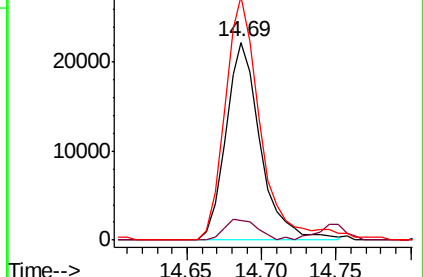
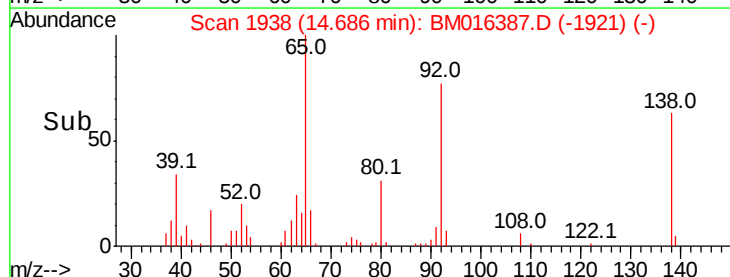
92 123.1 76.6 114.8#



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: 103.540 ng

RT: 14.91 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

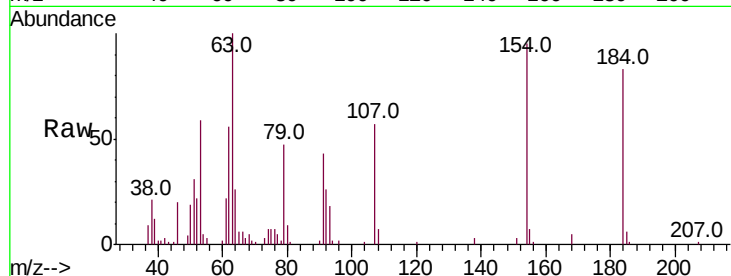
Tot Ion:184 Resp: 39319

Ion Ratio Lower Upper

184 100

63 120.7 69.2 103.8#

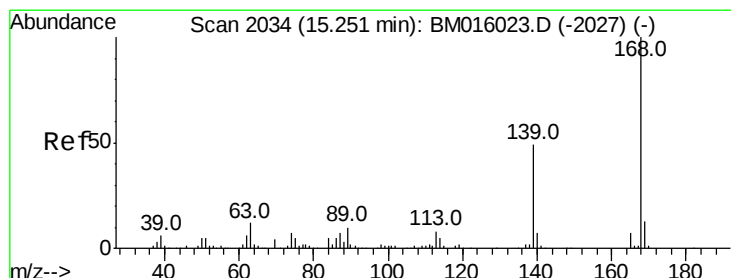
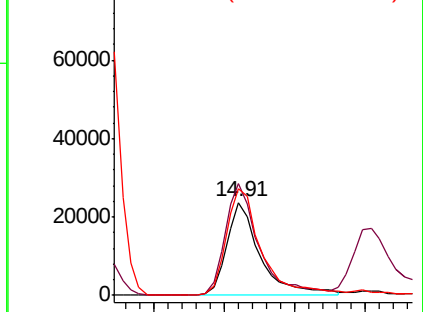
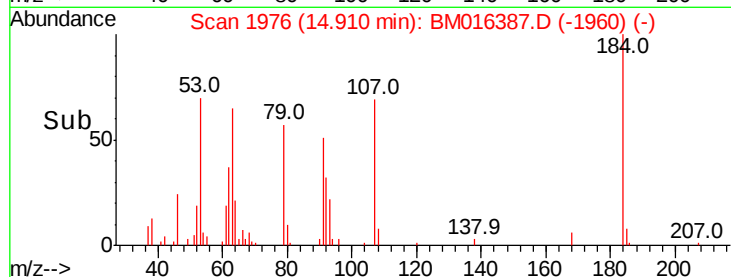
154 115.0 53.3 79.9#



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: 45.656 ng

RT: 15.15 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

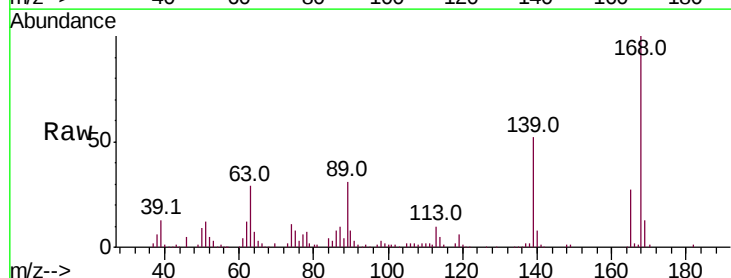
Tgt Ion:168 Resp: 234392

Ion Ratio Lower Upper

168 100

139 52.3 27.3 40.9#

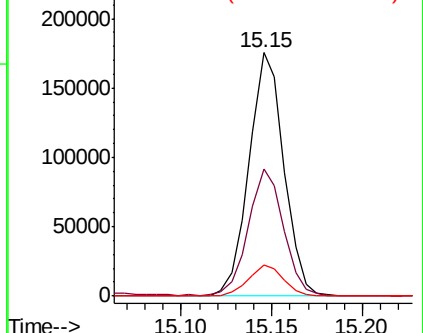
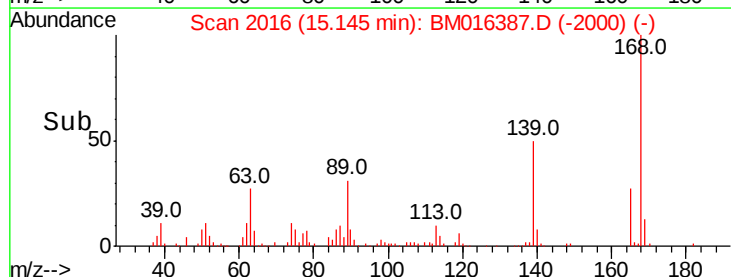
169 13.0 10.6 16.0

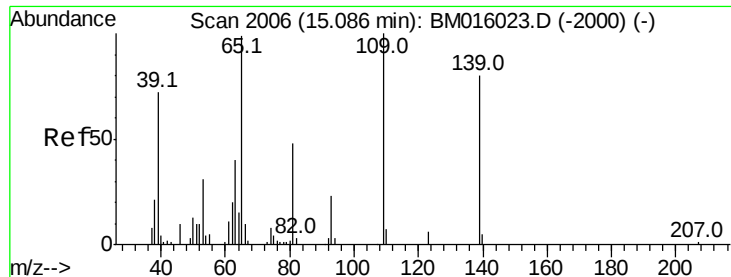


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 80.845 ng

RT: 15.00 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

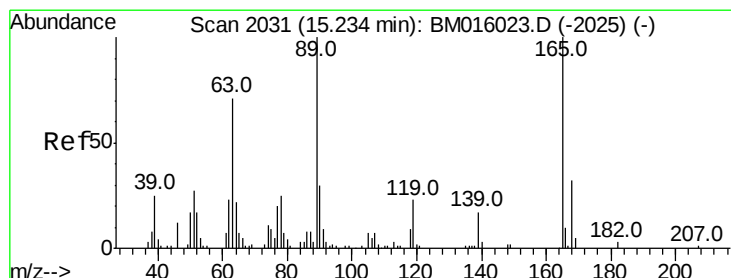
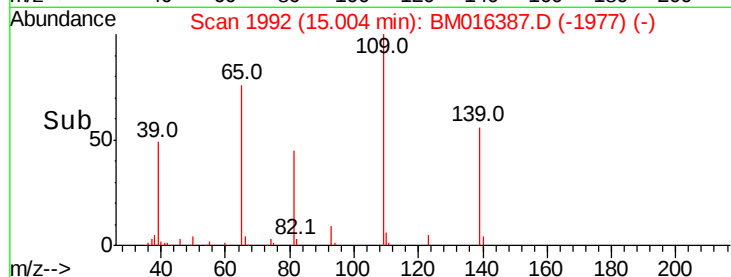
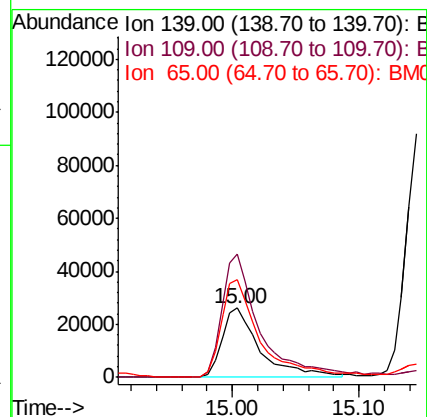
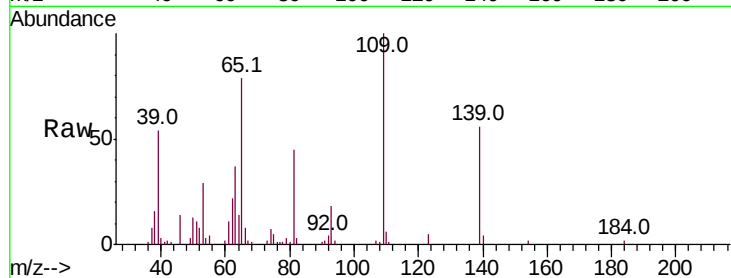
Tot Ion:139 Resp: 54337

Ion Ratio Lower Upper

139 100

109 178.1 130.0 170.0#

65 140.8 130.0 170.0



#56

2,4-Dinitrotoluene

Concen: 50.526 ng

RT: 15.15 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Tgt Ion:165 Resp: 62711

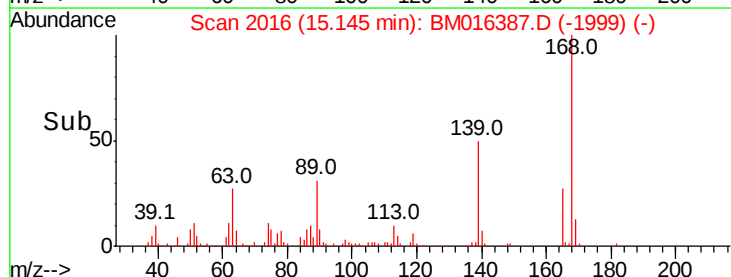
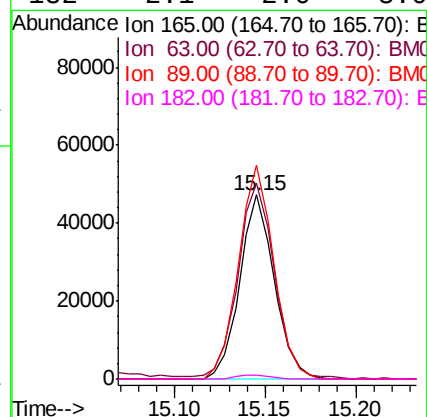
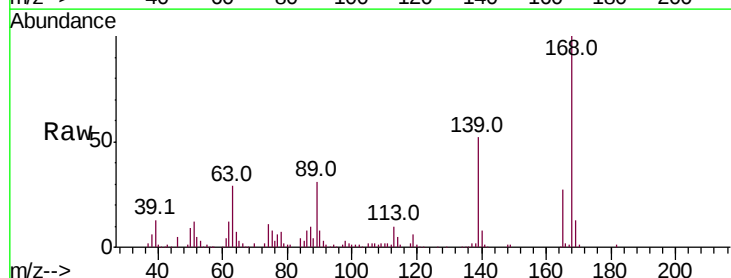
Ion Ratio Lower Upper

165 100

63 106.5 52.4 78.6#

89 116.1 72.4 108.6#

182 2.1 2.0 3.0

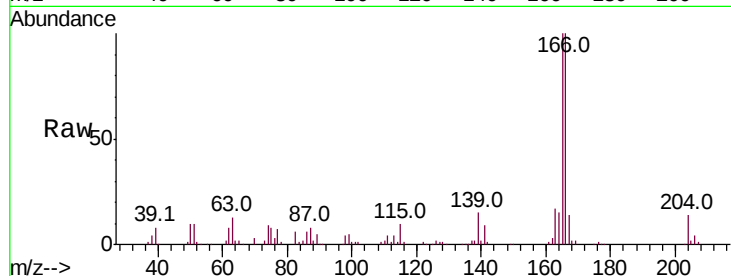




#57
 Fluorene
 Concen: 48.914 ng
 RT: 15.79 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.4
167	13.6	10.3	15.5

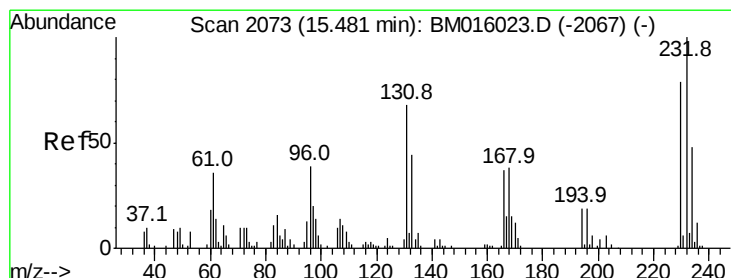
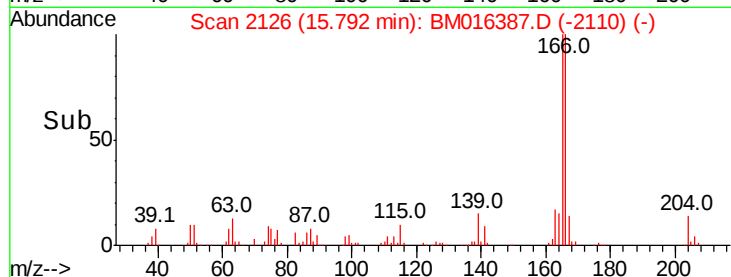
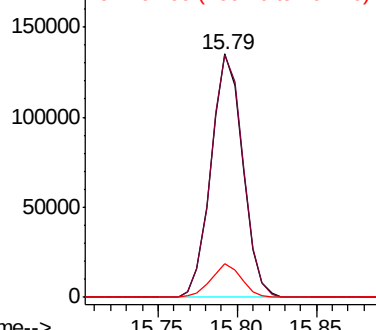


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.257 ng
 RT: 15.38 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	67.5	0.0	0.0#
130	4.5	0.0	0.0#
166	35.8	0.0	0.0#

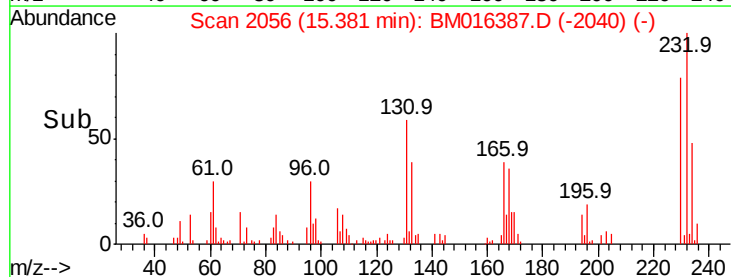
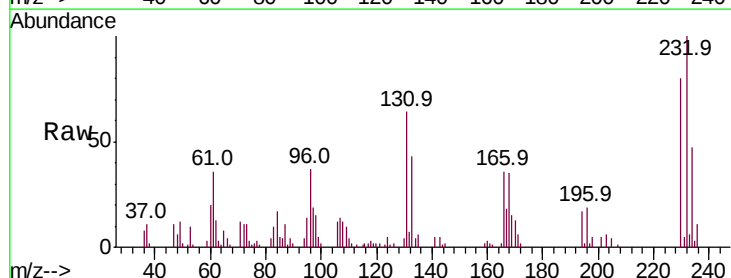
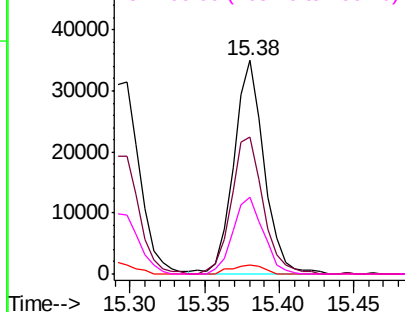
Abundance

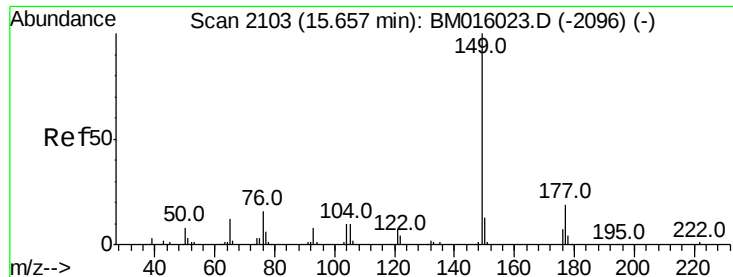
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

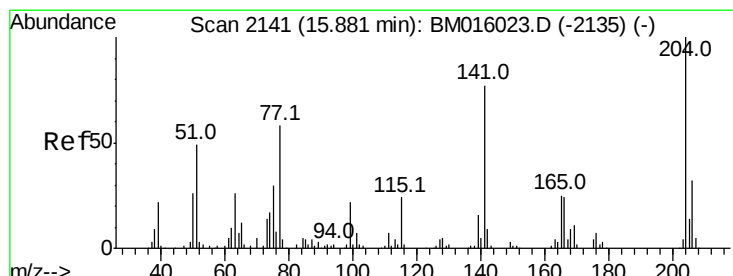
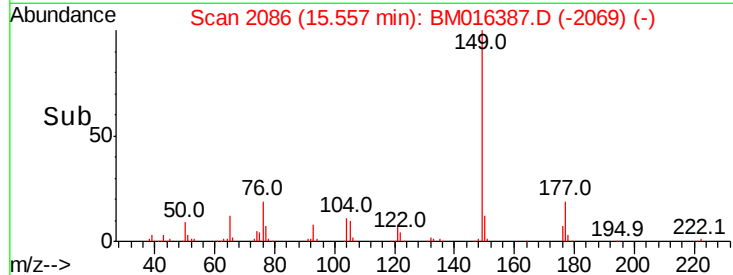
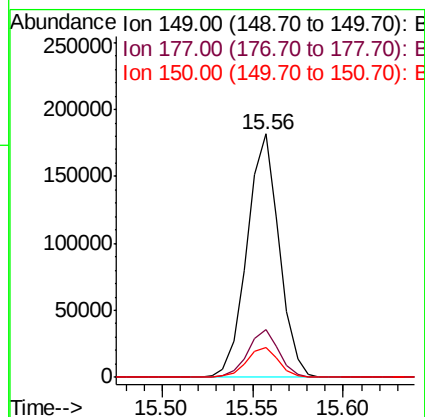
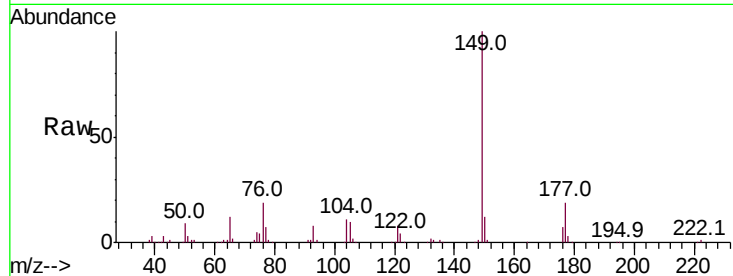




#59
Diethylphthalate
Concen: 47.890 ng
RT: 15.56 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

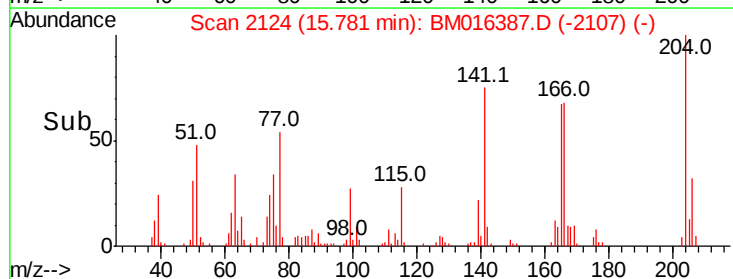
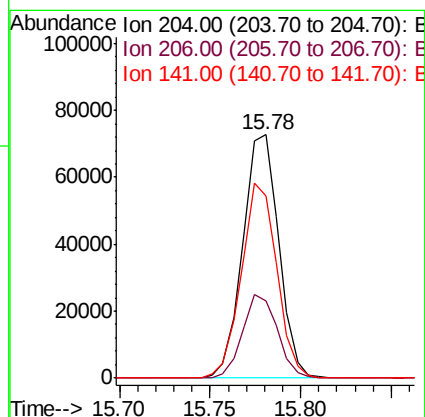
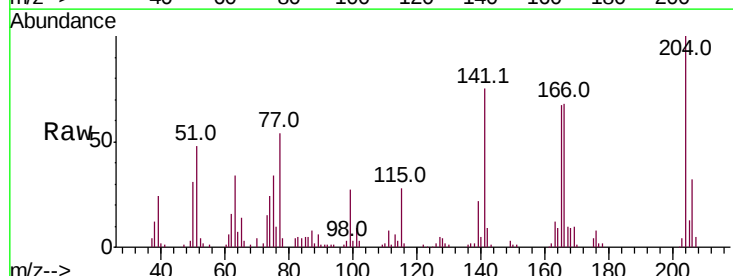
Instrument :
BNA_M
ClientSampleId :
PB112066BS

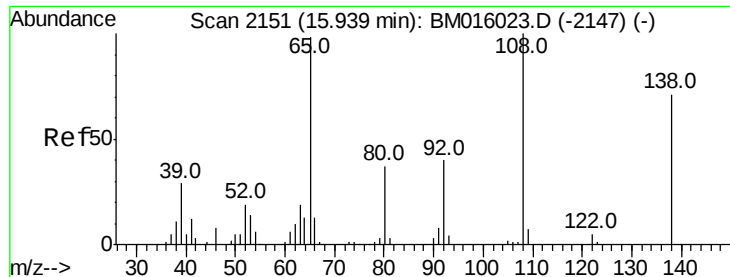
Tot Ion:149 Resp: 222689
Ion Ratio Lower Upper
149 100
177 19.4 18.3 27.5
150 12.1 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 47.361 ng
RT: 15.78 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion:204 Resp: 100582
Ion Ratio Lower Upper
204 100
206 31.6 26.6 39.8
141 74.7 45.2 67.8#

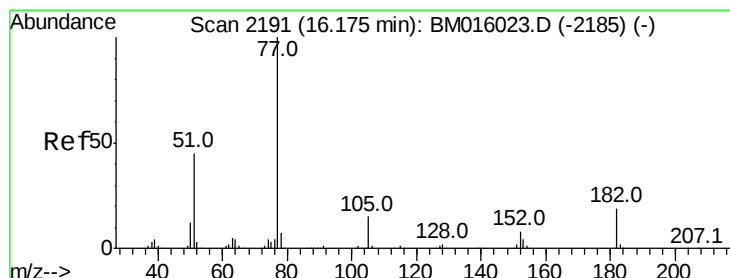
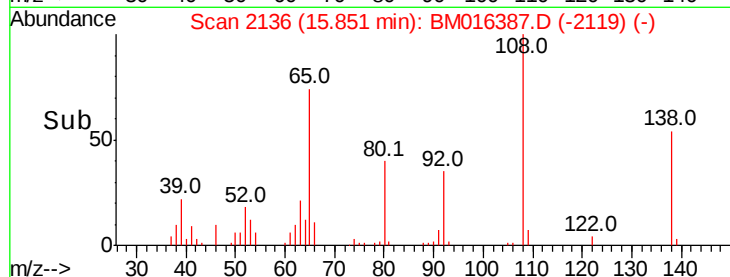
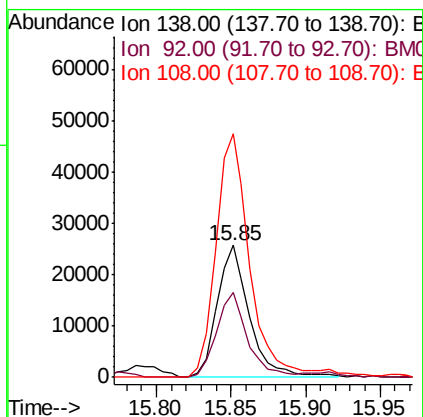
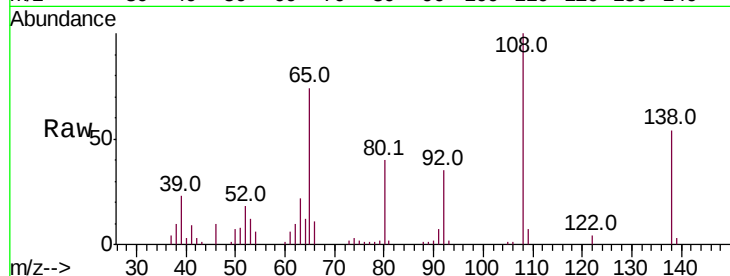




#61
4-Nitroaniline
Concen: 43.103 ng
RT: 15.85 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

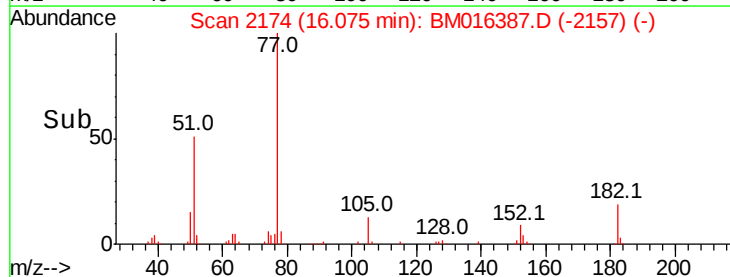
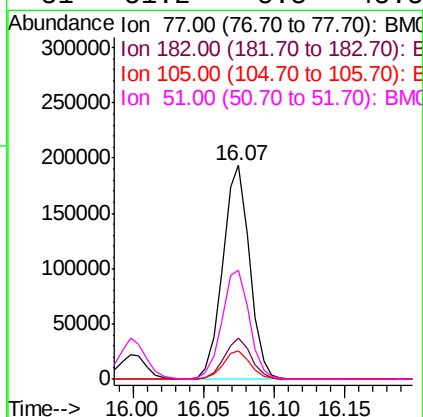
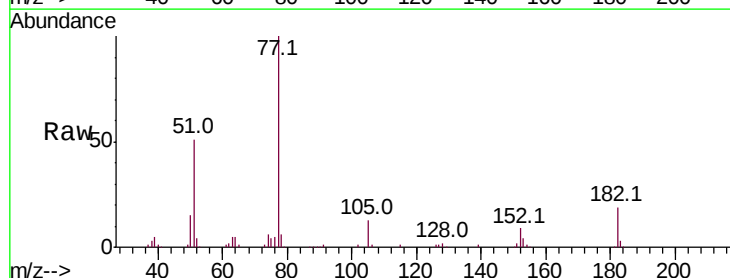
Instrument :
BNA_M
ClientSampleId :
PB112066BS

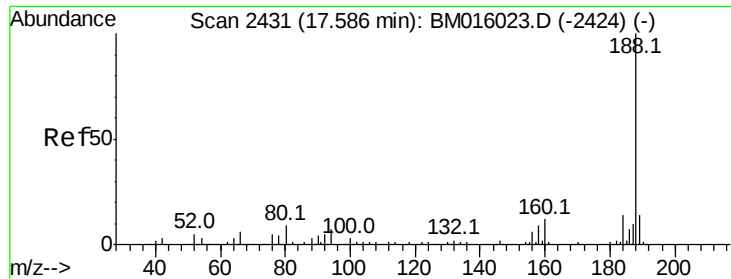
Tot Ion:138 Resp: 38773
Ion Ratio Lower Upper
138 100
92 64.2 16.7 56.7#
108 184.5 37.6 77.6#



#62
Azobenzene
Concen: 52.115 ng
RT: 16.07 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion: 77 Resp: 255218
Ion Ratio Lower Upper
77 100
182 19.4 6.5 46.5
105 13.3 3.8 43.8
51 51.2 5.5 45.5#

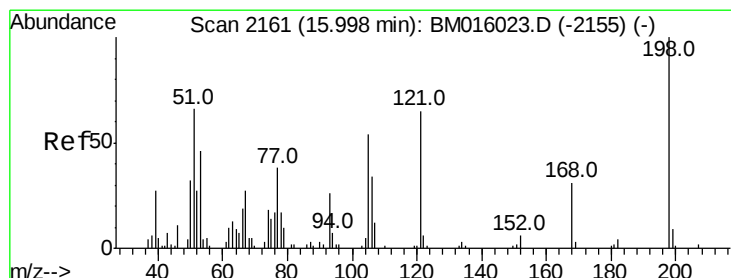
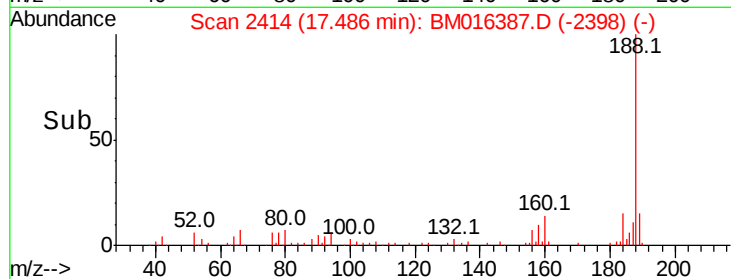
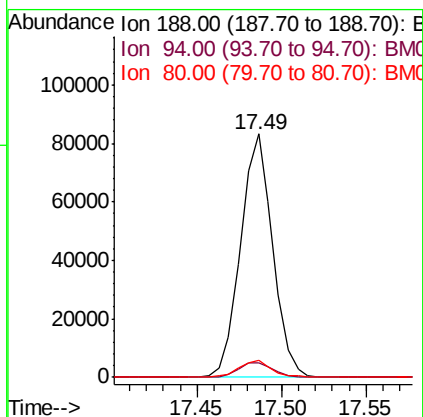
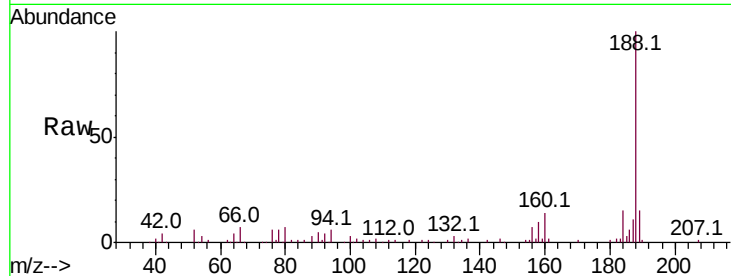




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

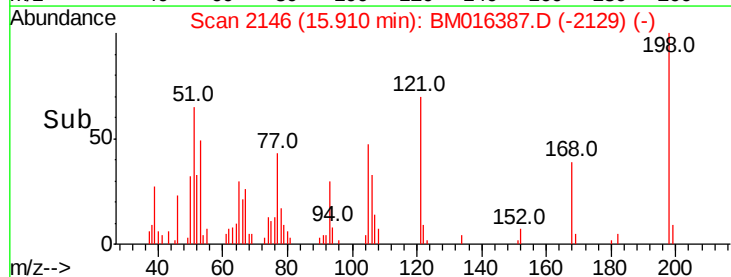
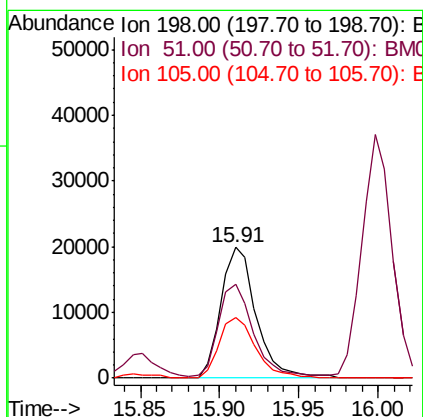
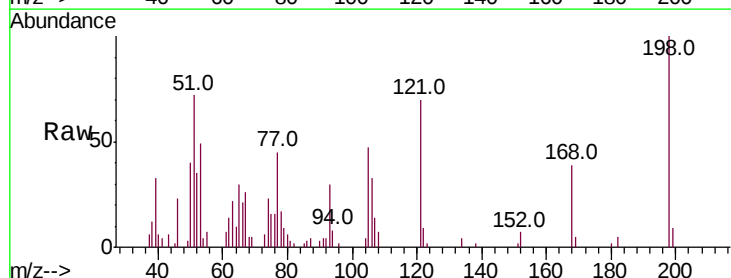
Instrument :
 BNA_M
 ClientSampled :
 PB112066BS

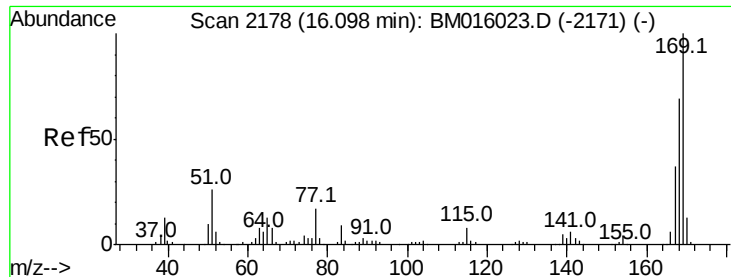
Tot Ion:188 Resp: 109654
 Ion Ratio Lower Upper
 188 100
 94 5.8 8.7 13.1#
 80 7.0 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.025 ng
 RT: 15.91 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion:198 Resp: 30633
 Ion Ratio Lower Upper
 198 100
 51 72.1 28.8 68.8#
 105 46.9 30.5 70.5

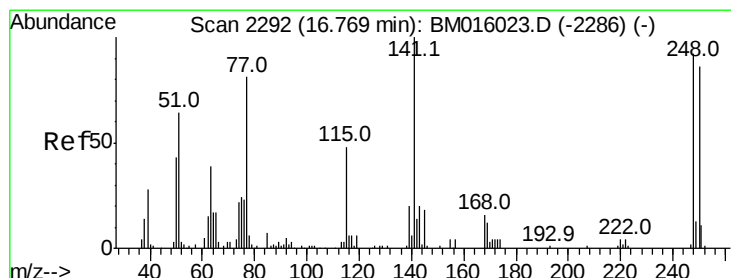
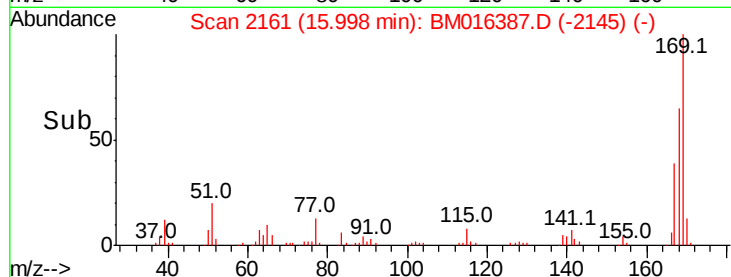
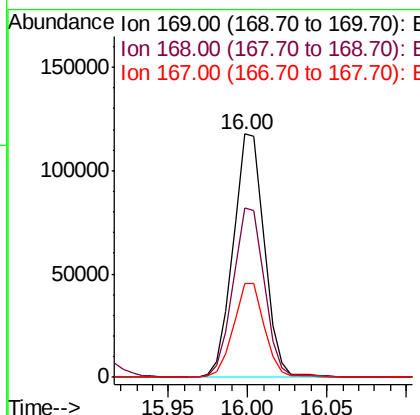
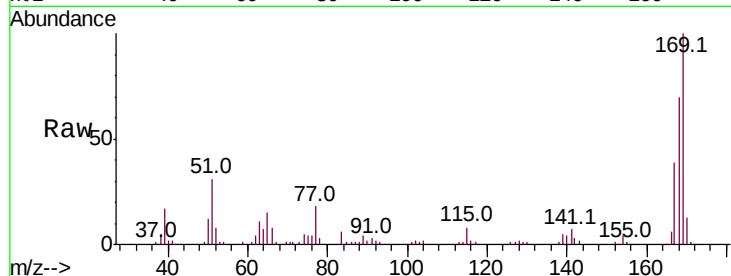




#65
 n-Nitrosodiphenylamine
 Concen: 44.345 ng
 RT: 16.00 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

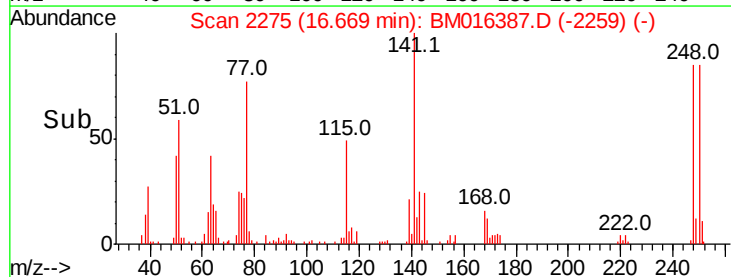
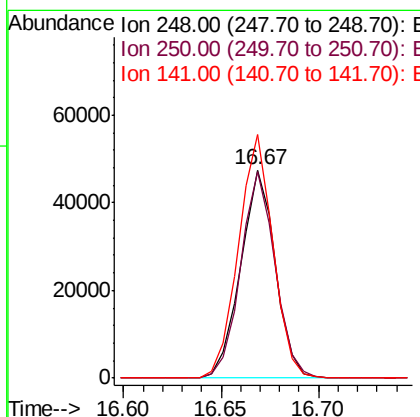
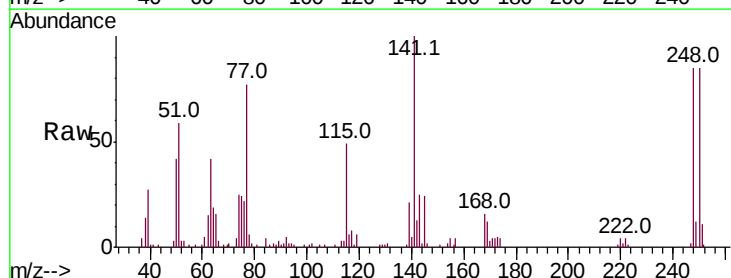
Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

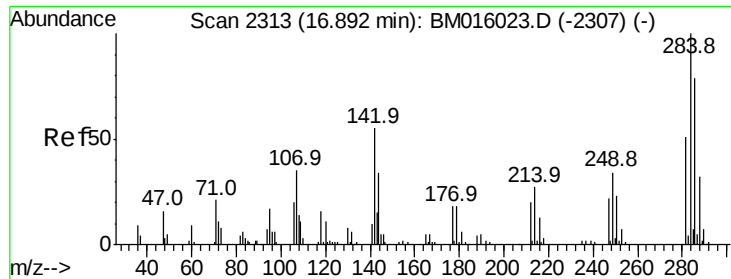
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.5	53.9	80.9
167	38.7	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 47.107 ng
 RT: 16.67 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.6	77.4	116.0
141	117.1	45.2	67.8

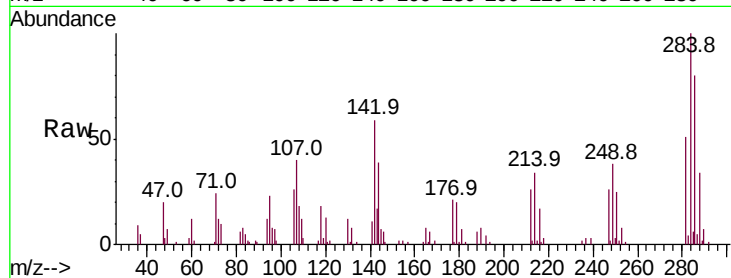




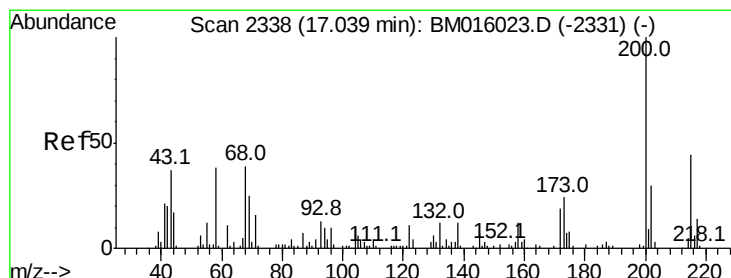
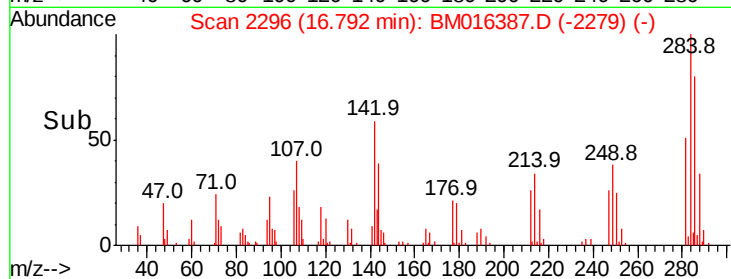
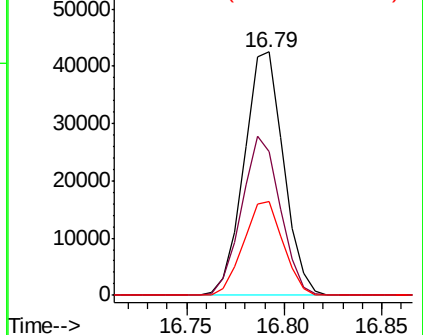
#67
Hexachlorobenzene
Concen: 43.571 ng
RT: 16.79 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Instrument :
BNA_M
ClientSampleId :
PB112066BS

Tot Ion:284 Resp: 59578
Ion Ratio Lower Upper
284 100
142 59.0 20.4 30.6#
249 38.4 23.8 35.6#

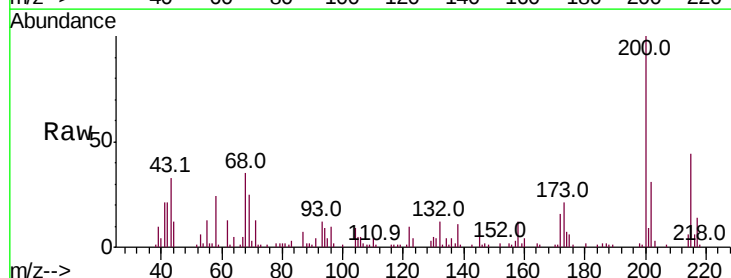


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

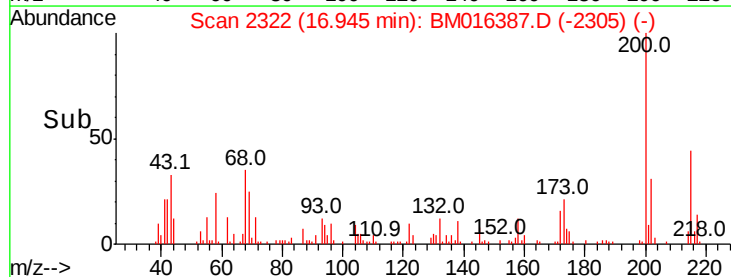
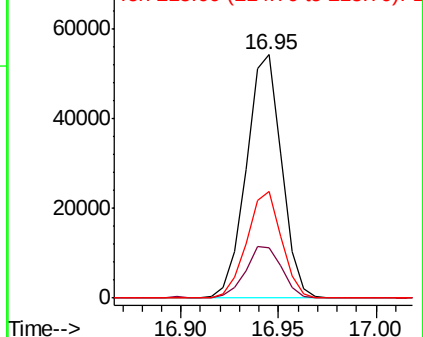


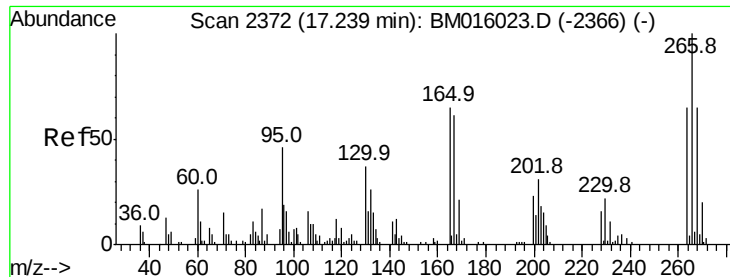
#68
Atrazine
Concen: 52.540 ng
RT: 16.95 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion:200 Resp: 67992
Ion Ratio Lower Upper
200 100
173 20.8 4.8 44.8
215 44.0 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 75.091 ng

RT: 17.14 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

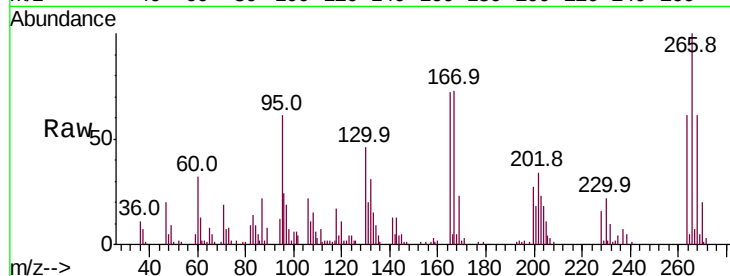
Tot Ion:266 Resp: 63580

Ion Ratio Lower Upper

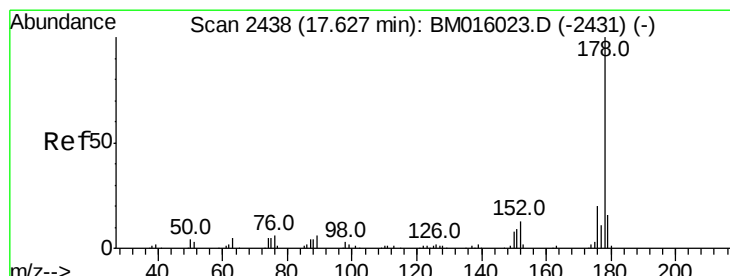
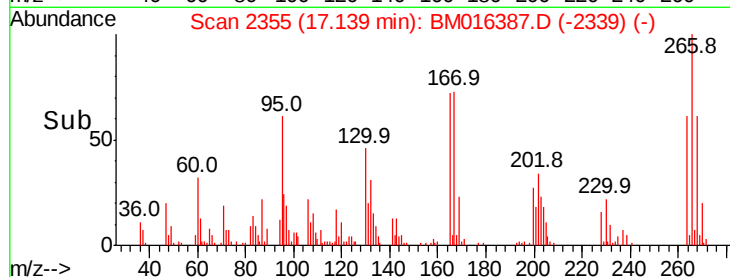
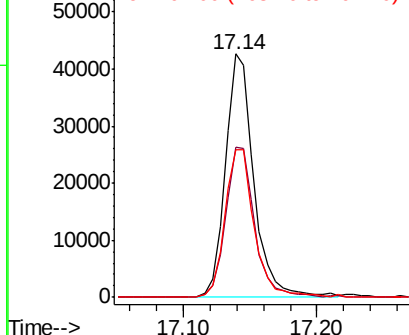
266 100

268 61.4 52.0 78.0

264 60.7 49.0 73.4



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



#70

Phenanthrene

Concen: 46.337 ng

RT: 17.53 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

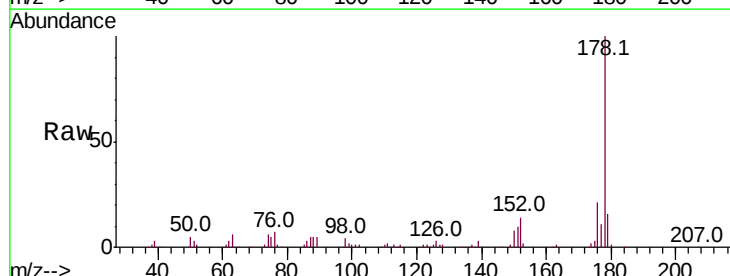
Tgt Ion:178 Resp: 284466

Ion Ratio Lower Upper

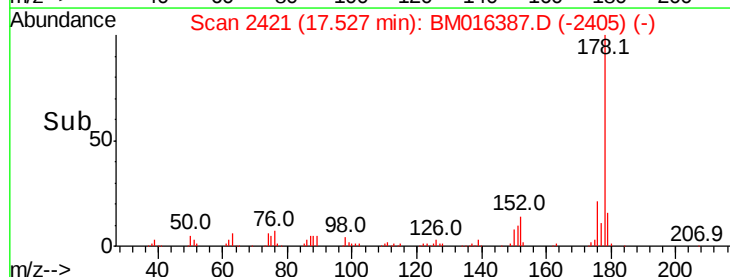
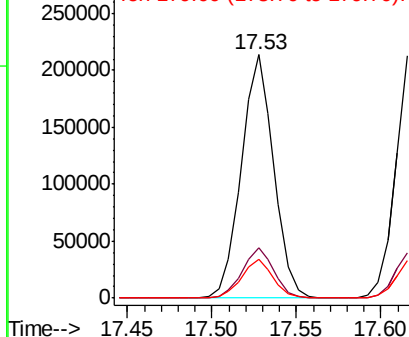
178 100

176 20.7 15.2 22.8

179 15.8 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

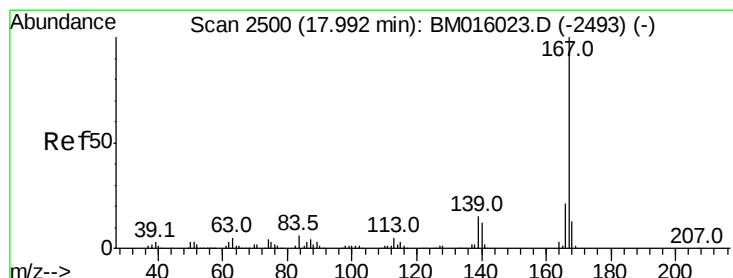
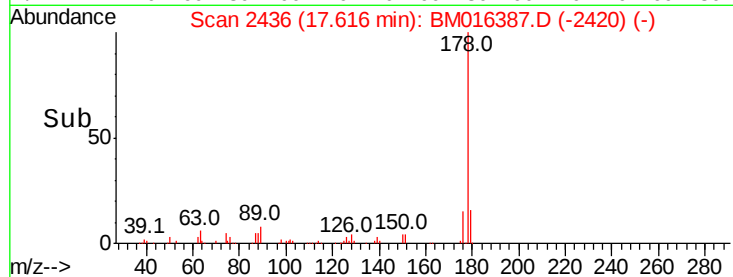
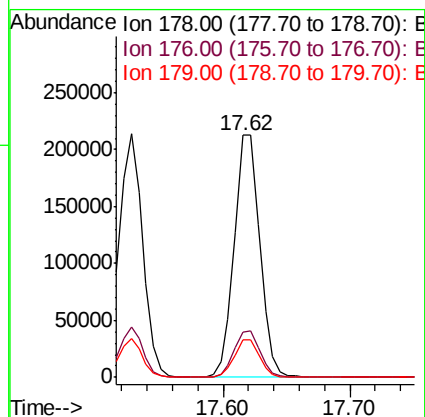
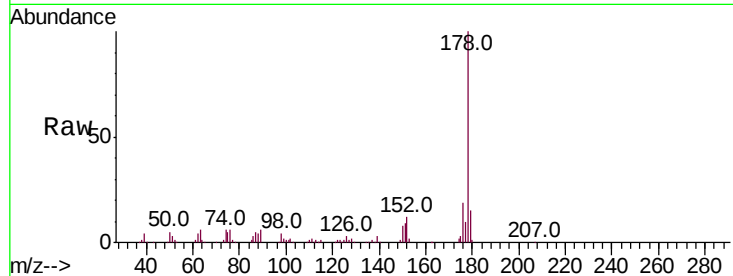




#71
 Anthracene
 Concen: 49.743 ng
 RT: 17.62 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

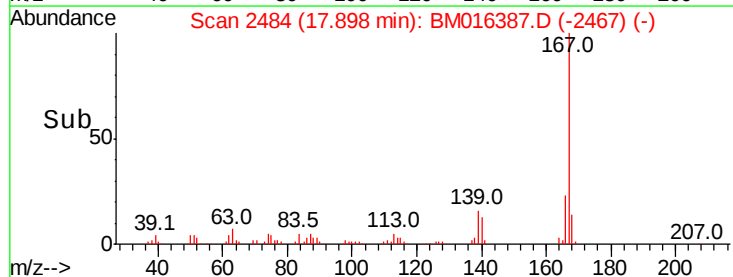
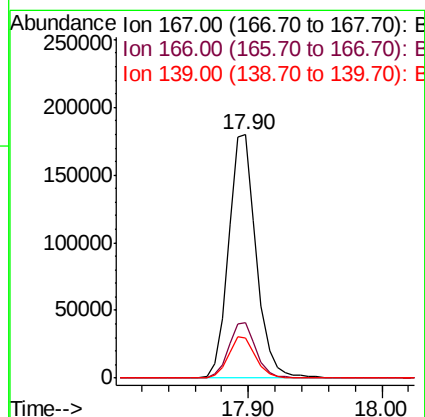
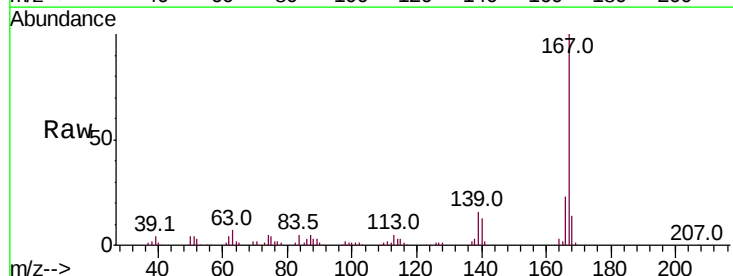
Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

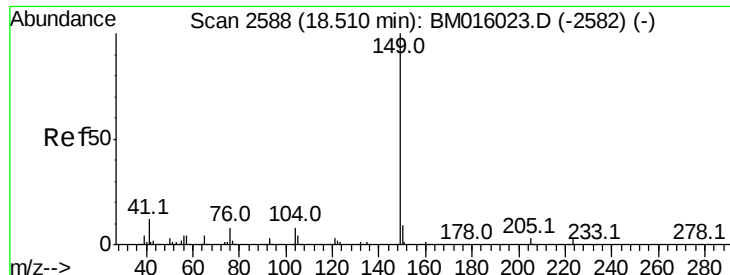
Tot Ion:178 Resp: 296792
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.6 22.0
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 42.172 ng
 RT: 17.90 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion:167 Resp: 260670
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.2 25.8
 139 16.5 10.8 16.2#

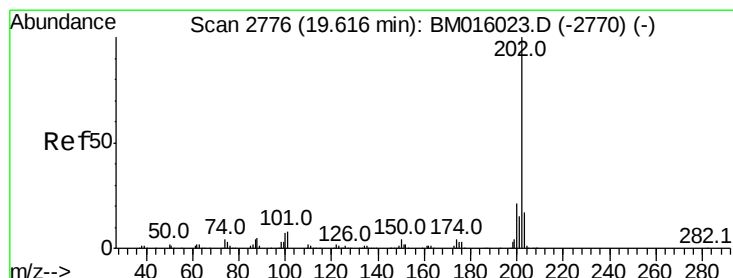
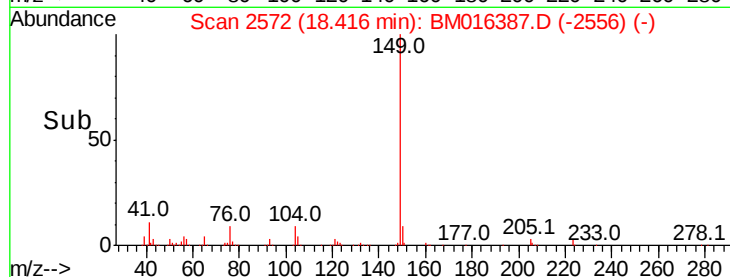
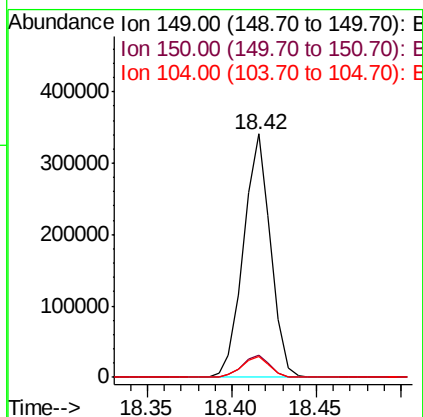
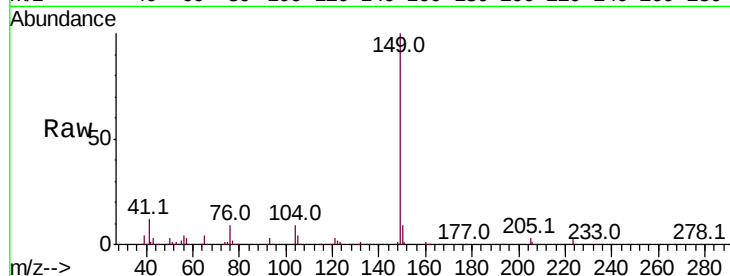




#73
Di-n-butylphthalate
Concen: 49.362 ng
RT: 18.42 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

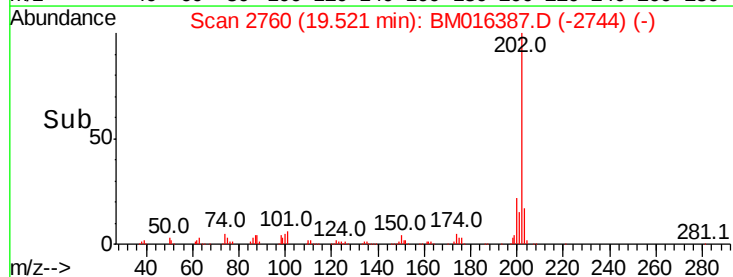
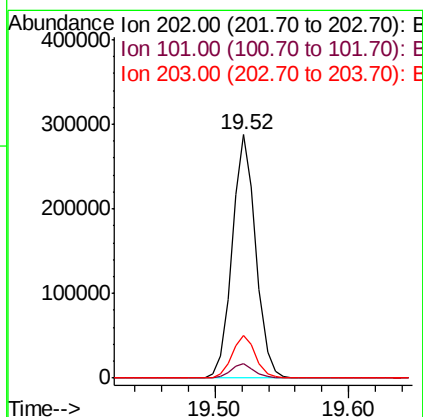
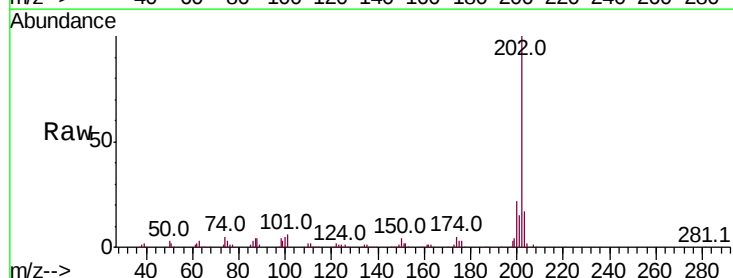
Instrument :
BNA_M
ClientSampleId :
PB112066BS

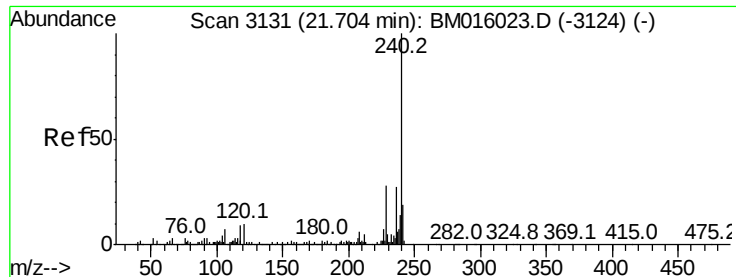
Tot Ion:149 Resp: 380198
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 8.5 3.7 5.5#



#74
Fluoranthene
Concen: 51.747 ng
RT: 19.52 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion:202 Resp: 354364
Ion Ratio Lower Upper
202 100
101 6.0 0.0 28.7
203 17.3 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: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

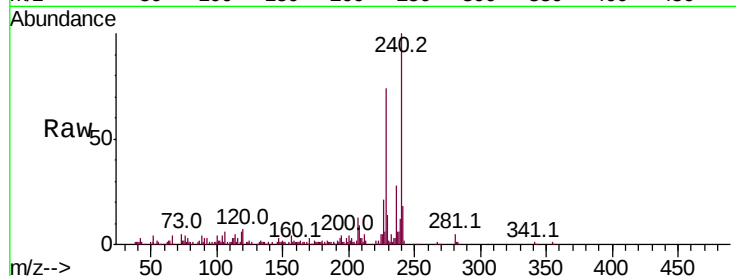
Tot Ion:240 Resp: 132677

Ion Ratio Lower Upper

240 100

120 7.1 8.2 12.2#

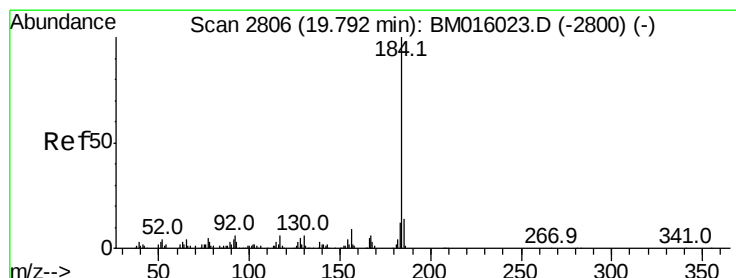
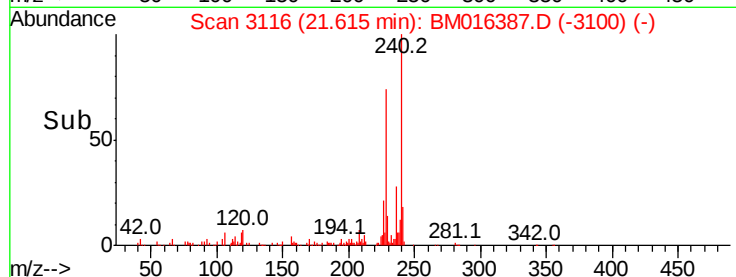
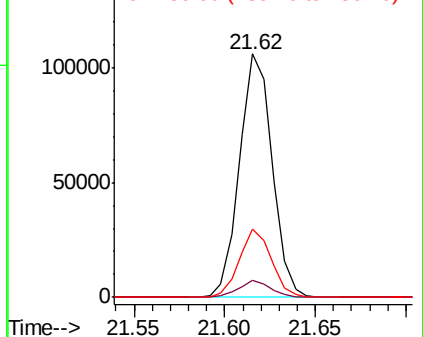
236 28.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 58.343 ng

RT: 19.71 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

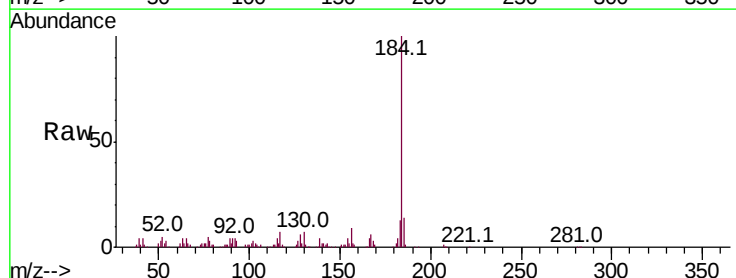
Tgt Ion:184 Resp: 216310

Ion Ratio Lower Upper

184 100

185 13.6 11.3 16.9

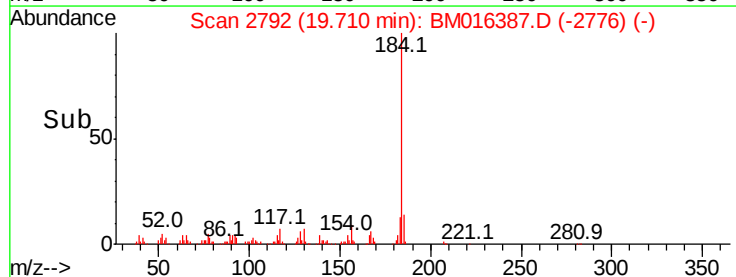
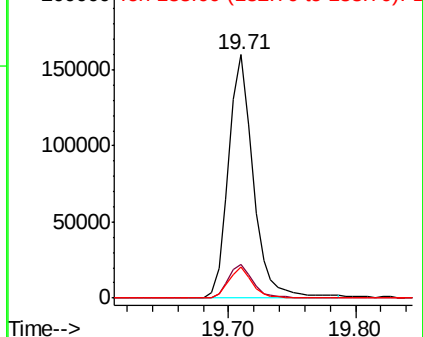
183 12.6 8.9 13.3

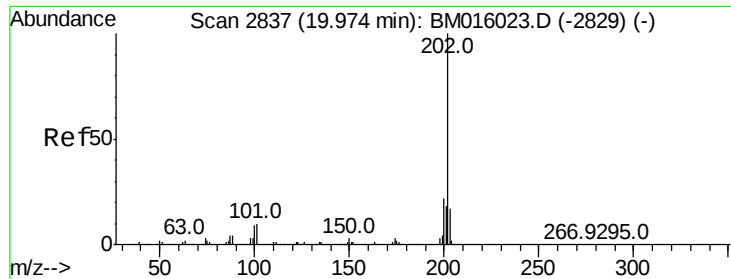


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

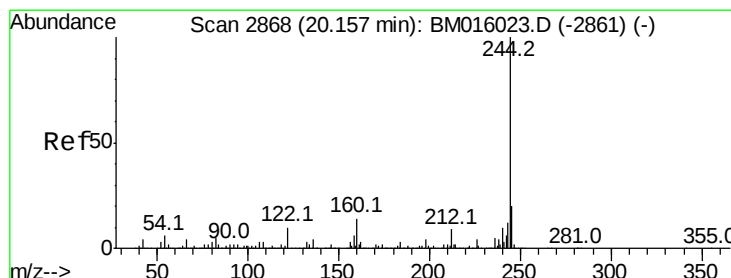
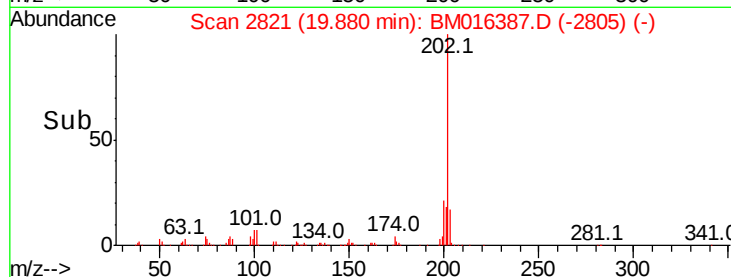
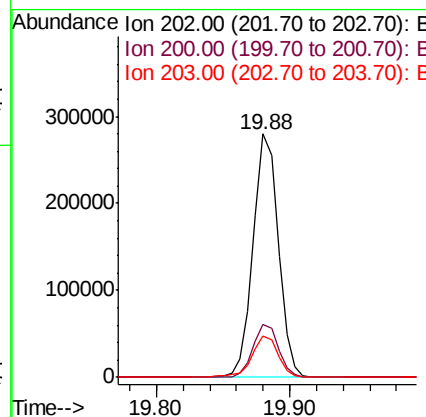
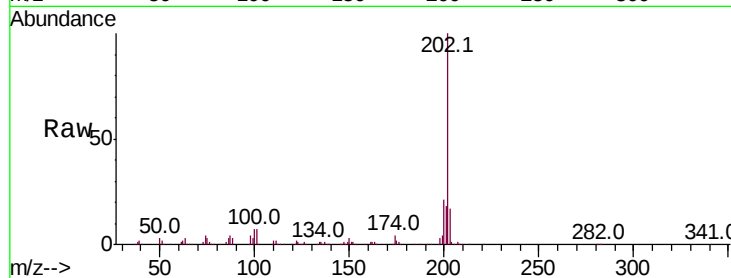




#77
Pvrene
Concen: 45.699 ng
RT: 19.88 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

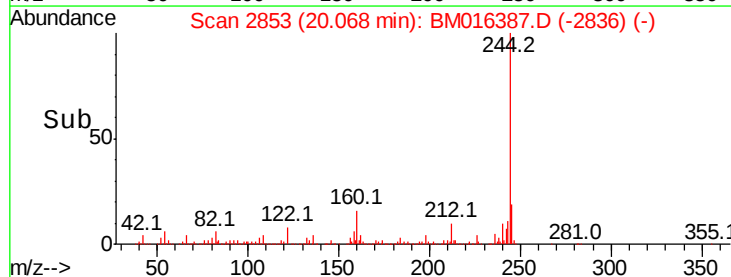
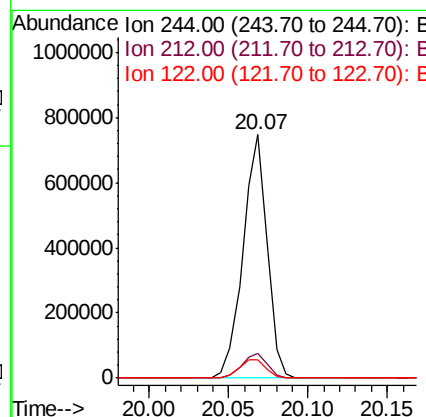
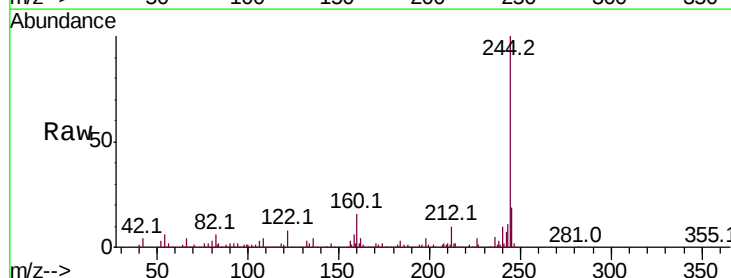
Instrument :
BNA_M
ClientSampleId :
PB112066BS

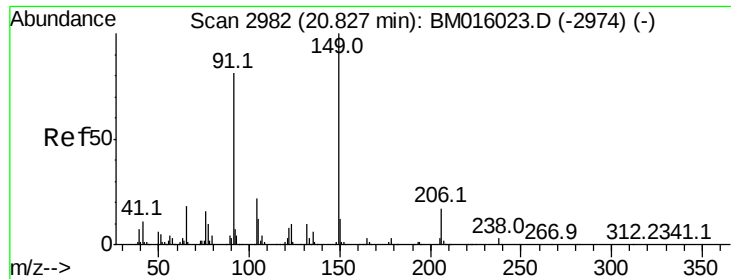
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.1	14.1	21.1



#78
Terphenyl-d14
Concen: 45.699 ng
RT: 20.07 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.3	4.9	7.3#
122	7.8	6.2	9.4

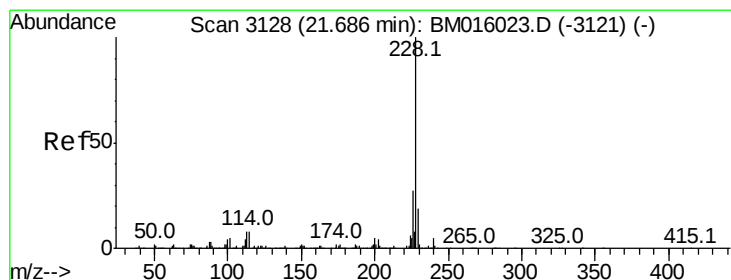
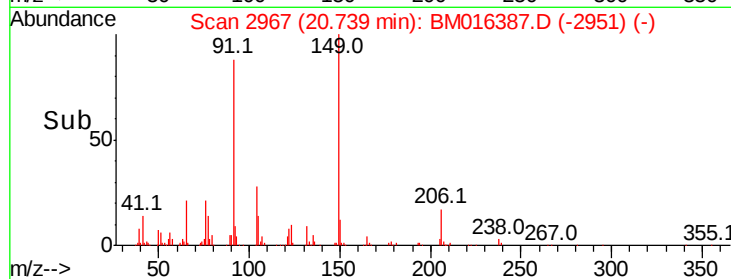
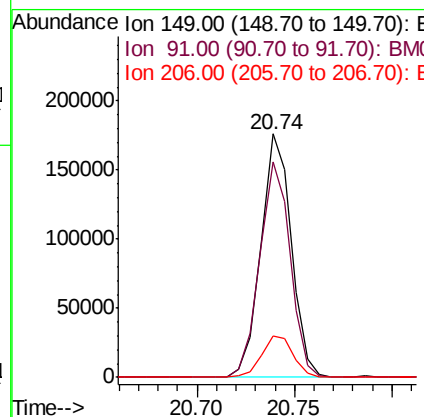
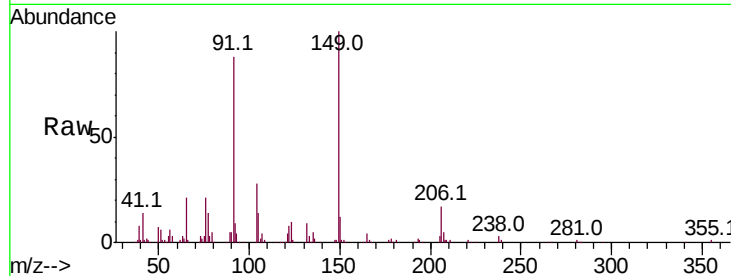




#79
Butylbenzylphthalate
Concen: 47.193 ng
RT: 20.74 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

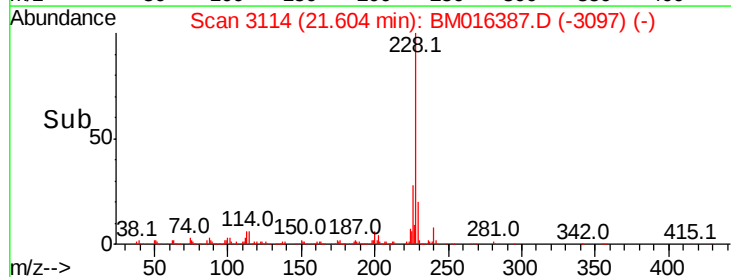
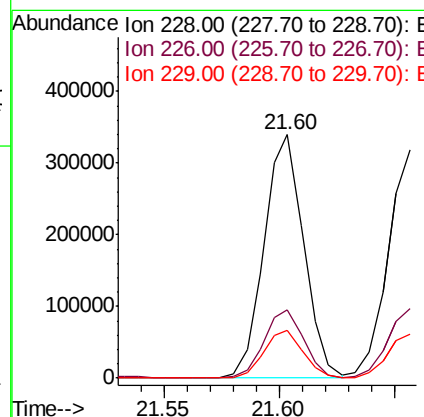
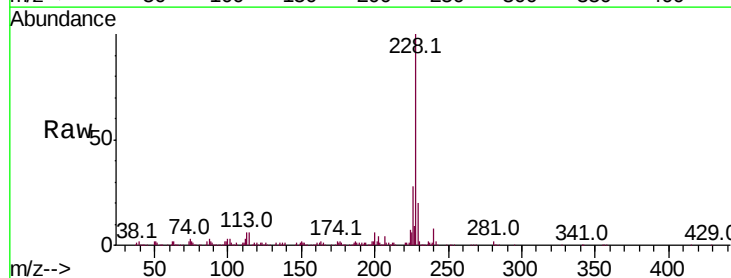
Instrument :
BNA_M
ClientSampleId :
PB112066BS

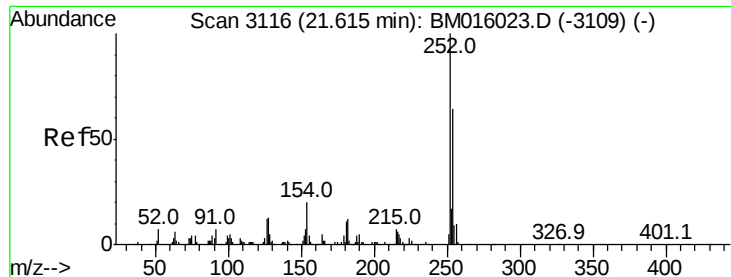
Tot Ion	Ratio	Lower	Upper
149	100		
91	88.2	50.1	75.1#
206	17.0	16.2	24.2



#80
Benzo(a)anthracene
Concen: 49.523 ng
RT: 21.60 min Scan# 3114
Delta R.T. 0.00 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.7	32.5
229	19.5	16.0	24.0

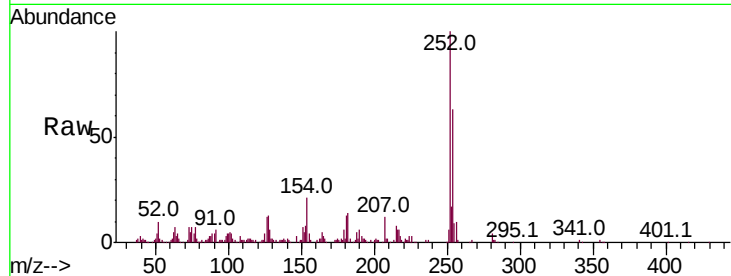




#81
 3,3'-Dichlorobenzidine
 Concen: 41.578 ng
 RT: 21.53 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Instrument :
 BNA_M
 ClientSampleId :
 PB112066BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.9	77.9
126	11.6	9.8	14.8

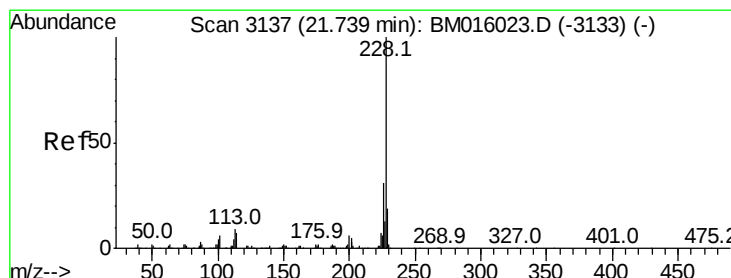
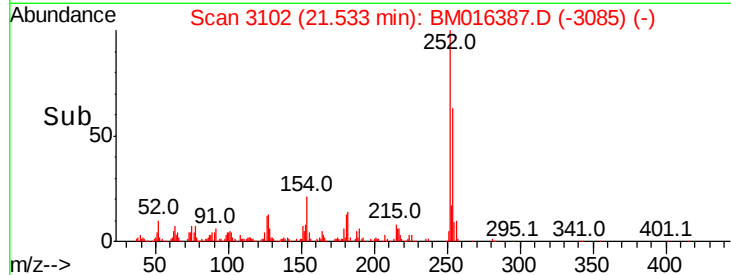
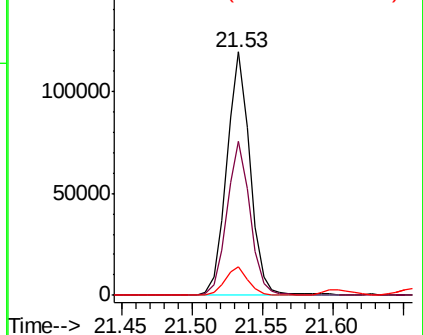


Abundance

Ion 252.00 (251.70 to 252.70): E

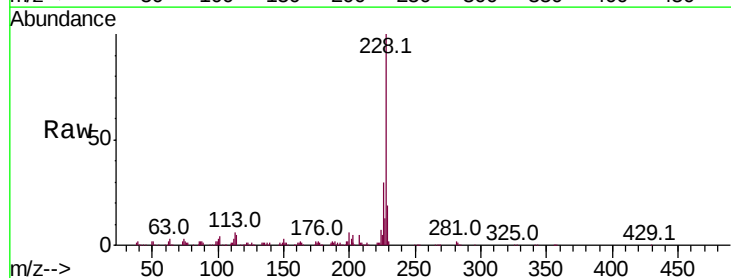
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 47.305 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BM016387.D
 Acq: 15 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	19.5	15.5	23.3

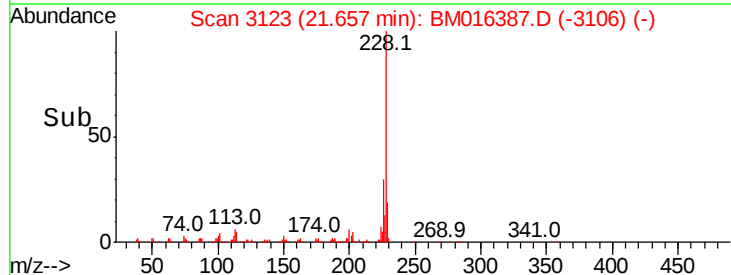
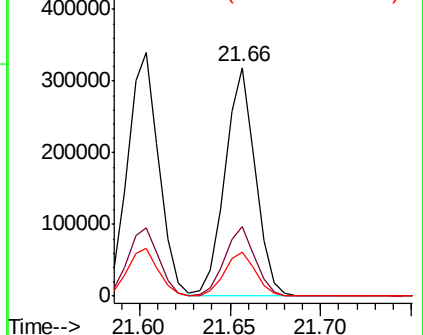


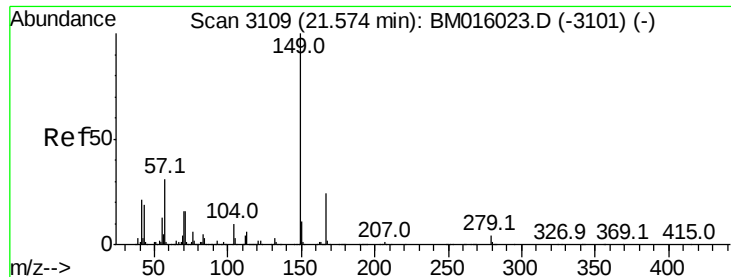
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.799 ng

RT: 21.49 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

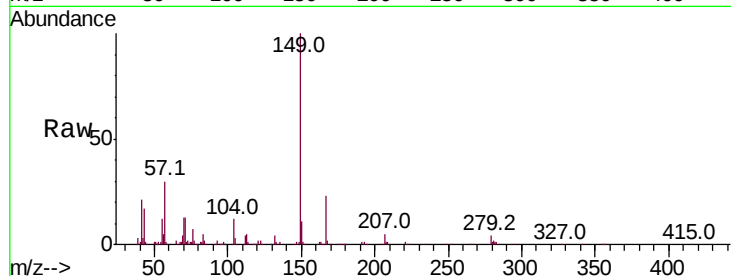
Tot Ion:149 Resp: 279800

Ion	Ratio	Lower	Upper
149	100		
167	23.0	22.4	33.6
279	3.9	3.4	5.0

149 100

167 23.0 22.4 33.6

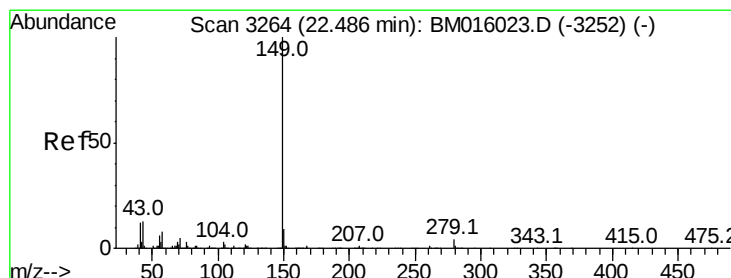
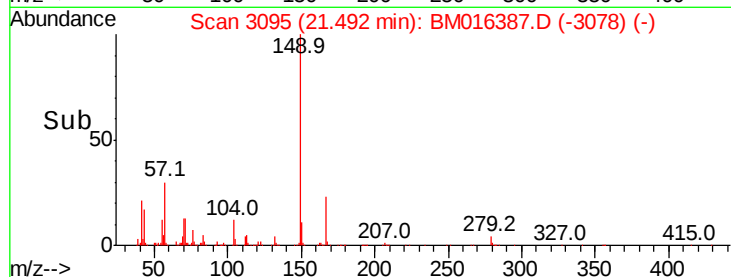
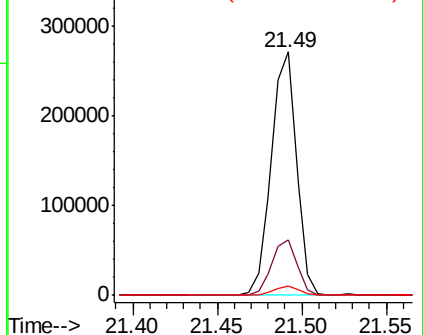
279 3.9 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.343 ng

RT: 22.39 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

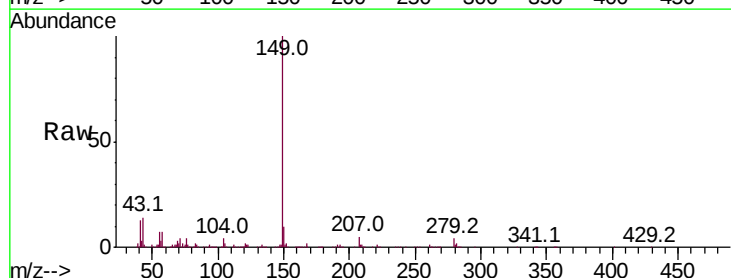
Tgt Ion:149 Resp: 485450

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.4	7.3	10.9#

149 100

167 1.5 1.2 1.8

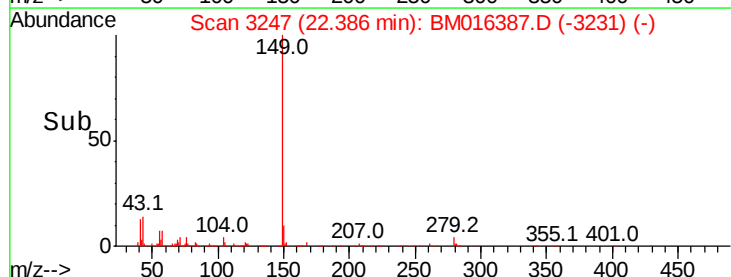
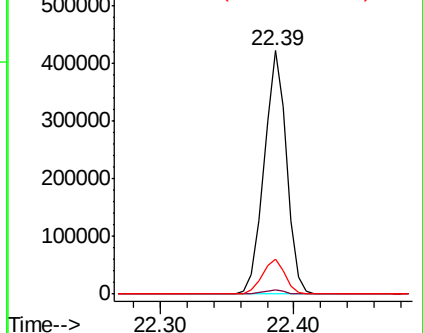
43 14.4 7.3 10.9#



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

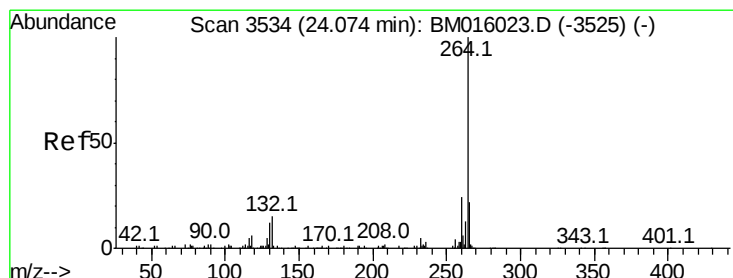
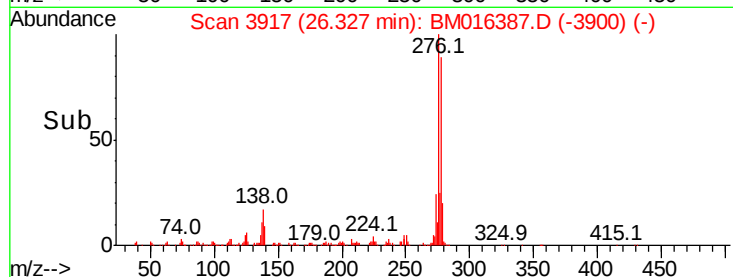
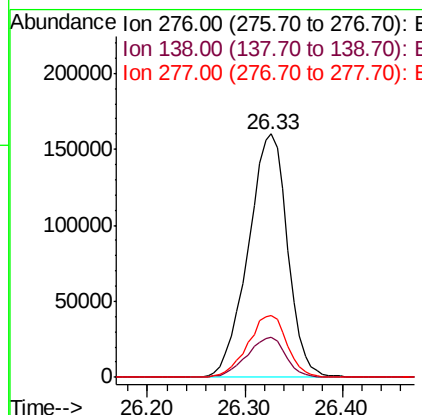
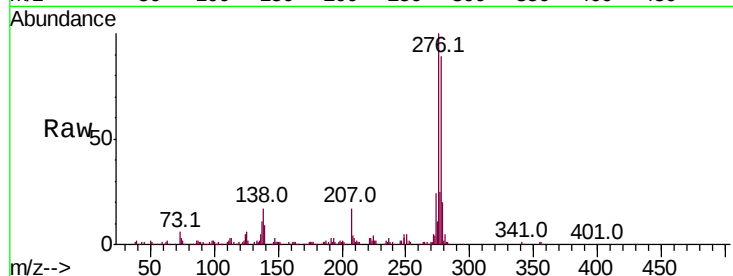




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.497 ng
RT: 26.33 min Scan# 3917
Delta R.T. 0.00 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

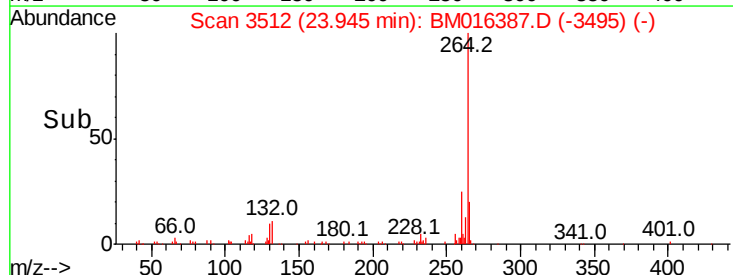
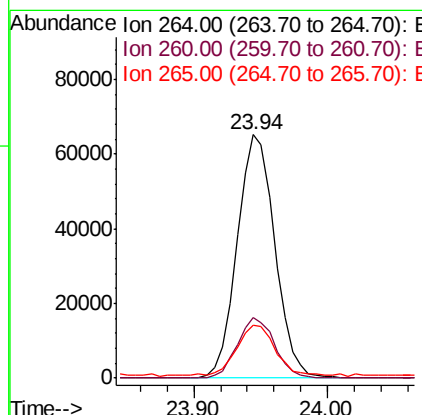
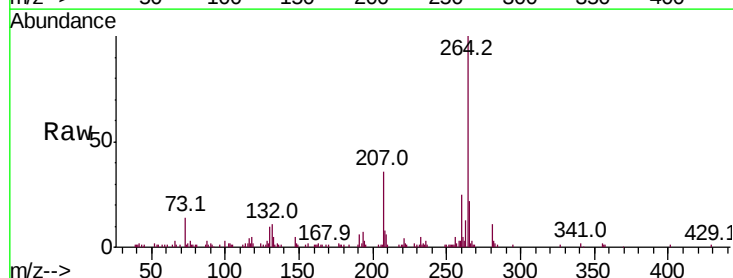
Instrument :
BNA_M
ClientSampleId :
PB112066BS

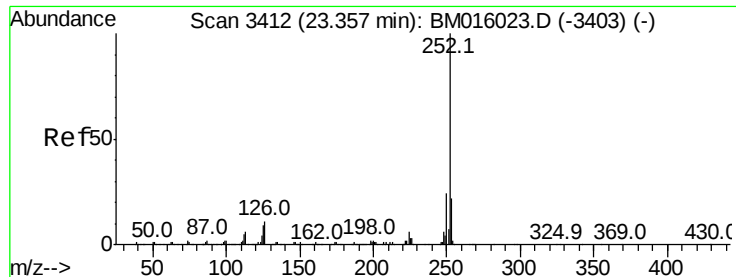
Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.0	18.0
277	25.5	20.0	30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.94 min Scan# 3512
Delta R.T. 0.00 min
Lab File: BM016387.D
Acq: 15 Aug 2018 19:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	27.8
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 50.428 ng

RT: 23.24 min Scan# 3393

Delta R.T. 0.00 min

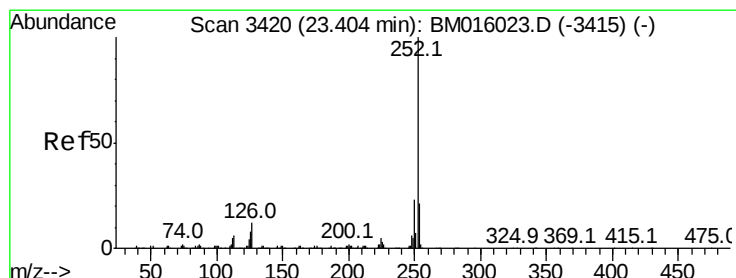
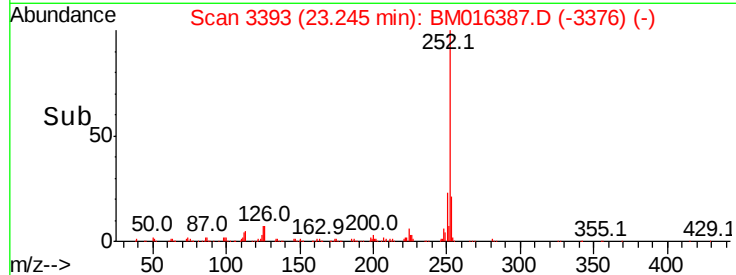
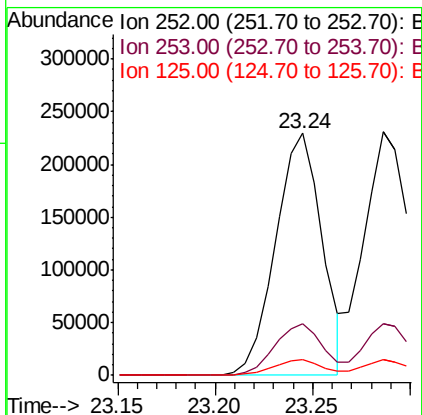
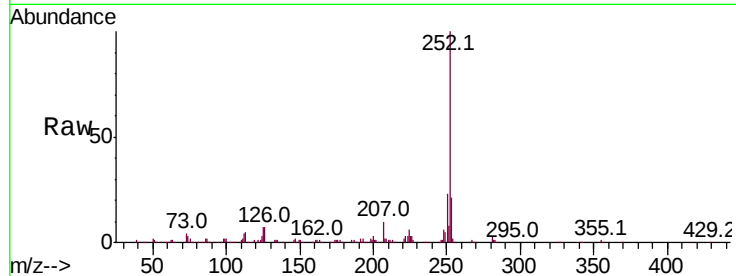
Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :
BNA_M
ClientSampleId :
PB112066BS

Tot Ion:252 Resp: 378042

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	6.6	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 49.641 ng

RT: 23.29 min Scan# 3400

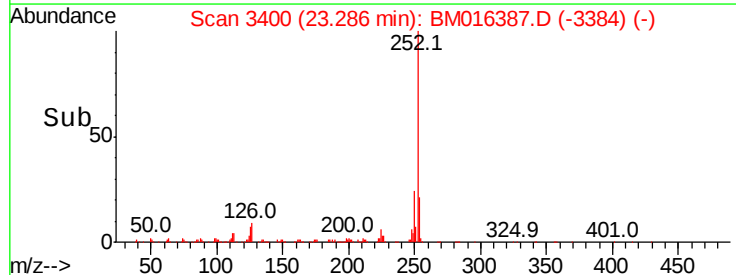
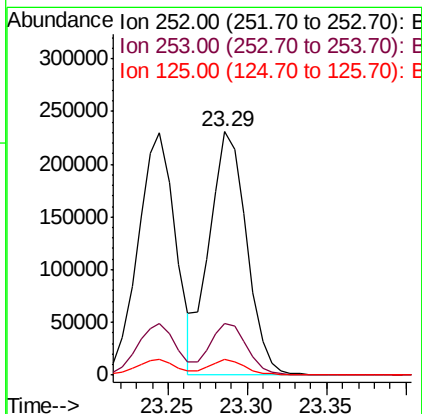
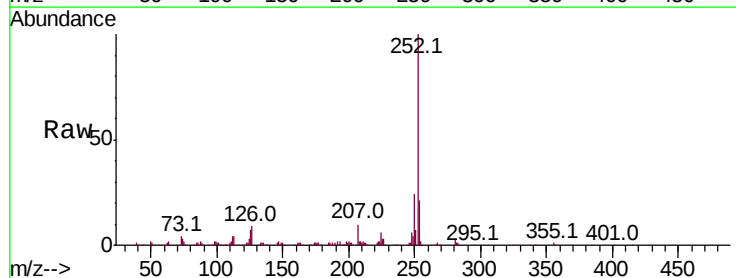
Delta R.T. -0.01 min

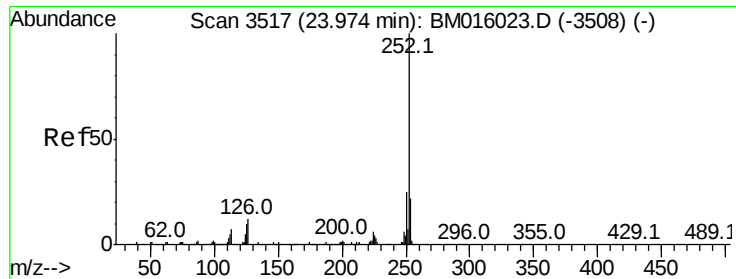
Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Tgt Ion:252 Resp: 377142

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	6.6	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 51.164 ng

RT: 23.85 min Scan# 3496

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

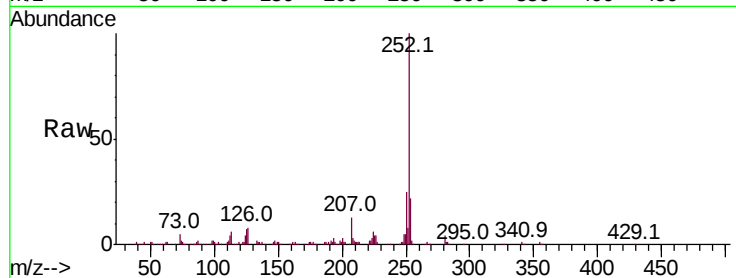
Tot Ion:252 Resp: 368730

Ion Ratio Lower Upper

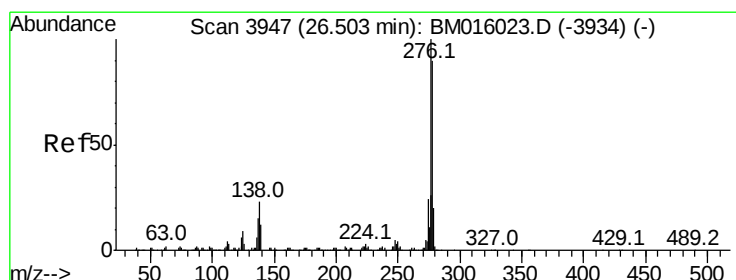
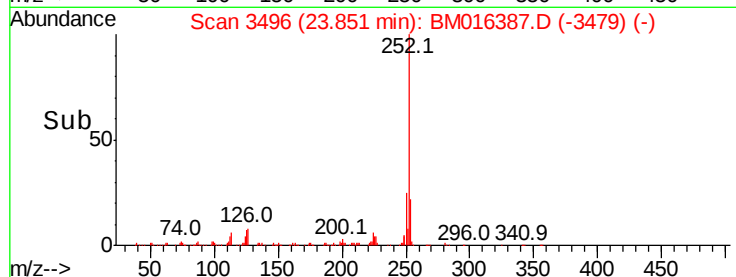
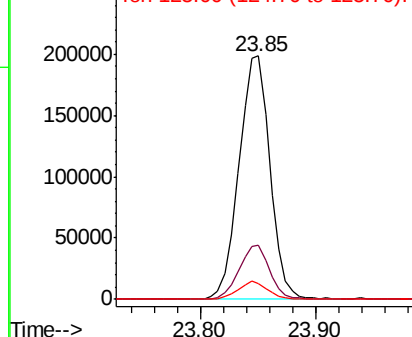
252 100

253 22.0 17.6 26.4

125 6.6 7.4 11.2#



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



#90

Dibenzo(a,h)anthracene

Concen: 51.509 ng

RT: 26.32 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

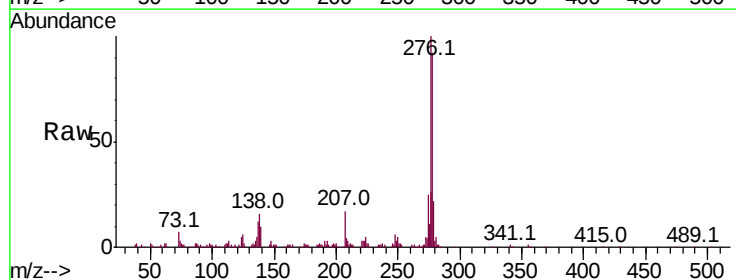
Tgt Ion:278 Resp: 384601

Ion Ratio Lower Upper

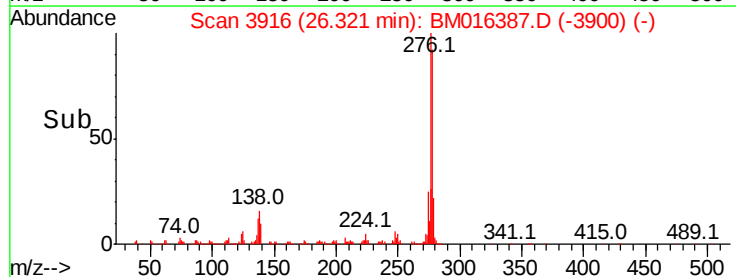
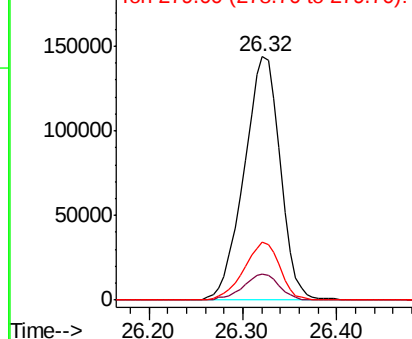
278 100

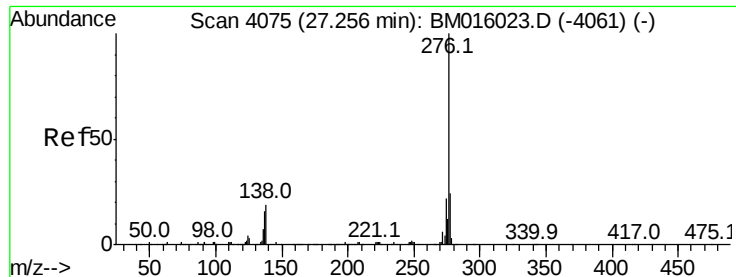
139 10.9 13.4 20.0#

279 24.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 49.032 ng

RT: 27.06 min Scan# 4041

Delta R.T. 0.00 min

Lab File: BM016387.D

Acq: 15 Aug 2018 19:13

Instrument :

BNA_M

ClientSampleId :

PB112066BS

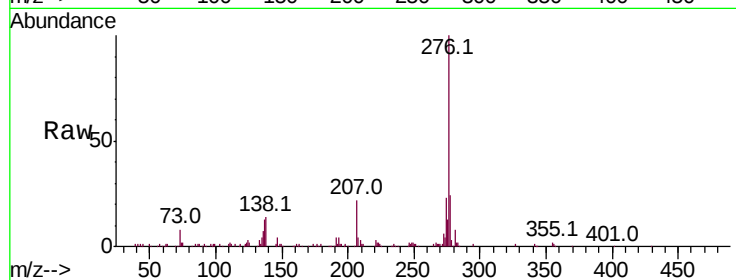
Tot Ion:276 Resp: 346267

Ion Ratio Lower Upper

276 100

277 24.4 18.5 27.7

138 14.1 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

