

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016027.D
 Acq On : 23 Jul 2018 15:55
 Operator : SJ/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

Quant Time: Jul 23 16:32:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	38945	20.00	ng	0.00
21) Naphthalene-d8	11.06	136	157151	20.00	ng	0.00
38) Acenaphthene-d10	14.86	164	85635	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	178482	20.00	ng	0.00
75) Chrysene-d12	21.70	240	197124	20.00	ng	0.00
86) Perylene-d12	24.07	264	200015	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	184596	78.74	ng	0.00
7) Phenol-d6	7.39	99	242126	79.08	ng	0.00
23) Nitrobenzene-d5	9.42	82	260680	77.15	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	78981	72.72	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	544112	77.31	ng	0.00
78) Terphenyl-d14	20.16	244	716447	76.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	42437	38.633	ng	# 100
3) Pyridine	3.96	79	100676	38.045	ng	# 72
4) n-Nitrosodimethylamine	3.87	42	76748	37.184	ng	# 36
6) Aniline	7.56	93	138682	39.339	ng	92
8) 2-Chlorophenol	7.79	128	109435	39.274	ng	98
9) Benzaldehyde	7.37	77	84978	39.503	ng	88
10) Phenol	7.42	94	121571	39.709	ng	95
11) bis(2-Chloroethyl)ether	7.65	93	93963	38.850	ng	90
12) 1,3-Dichlorobenzene	8.12	146	125170	38.377	ng	# 89
13) 1,4-Dichlorobenzene	8.27	146	128888	38.964	ng	# 94
14) 1,2-Dichlorobenzene	8.59	146	122556	37.865	ng	# 94
15) Benzyl Alcohol	8.49	79	92214	37.824	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.75	45	142081	38.383	ng	98
17) 2-Methylphenol	8.68	107	82198	39.280	ng	# 84
18) Hexachloroethane	9.31	117	53667	37.533	ng	98
19) n-Nitroso-di-n-propylamine	9.05	70	84170	37.611	ng	# 71
20) 3+4-Methylphenols	9.01	107	110538	36.714	ng	86
22) Acetophenone	9.07	105	157286	39.748	ng	# 85
24) Nitrobenzene	9.46	77	130975	38.511	ng	94
25) Isophorone	9.98	82	174934	37.851	ng	# 94
26) 2-Nitrophenol	10.17	139	53279	37.528	ng	# 48
27) 2,4-Dimethylphenol	10.22	122	76817	38.837	ng	# 84
28) bis(2-Chloroethoxy)methane	10.46	93	114201	38.018	ng	98
29) 2,4-Dichlorophenol	10.71	162	94124	40.046	ng	96
30) 1,2,4-Trichlorobenzene	10.92	180	110511	38.697	ng	94
31) Naphthalene	11.10	128	299170	37.615	ng	99
32) Benzoic acid	10.37	122	55123	36.558	ng	# 86
33) 4-Chloroaniline	11.23	127	125075	38.536	ng	# 87
34) Hexachlorobutadiene	11.36	225	77886	39.318	ng	98
35) Caprolactam	12.02	113	24054	36.950	ng	# 80
36) 4-Chloro-3-methylphenol	12.33	107	102313	39.577	ng	87
37) 2-Methylnaphthalene	12.70	142	211331	39.665	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	113117	38.799	ng	# 100
40) Hexachlorocyclopentadiene	13.02	237	48009	38.003	ng	97

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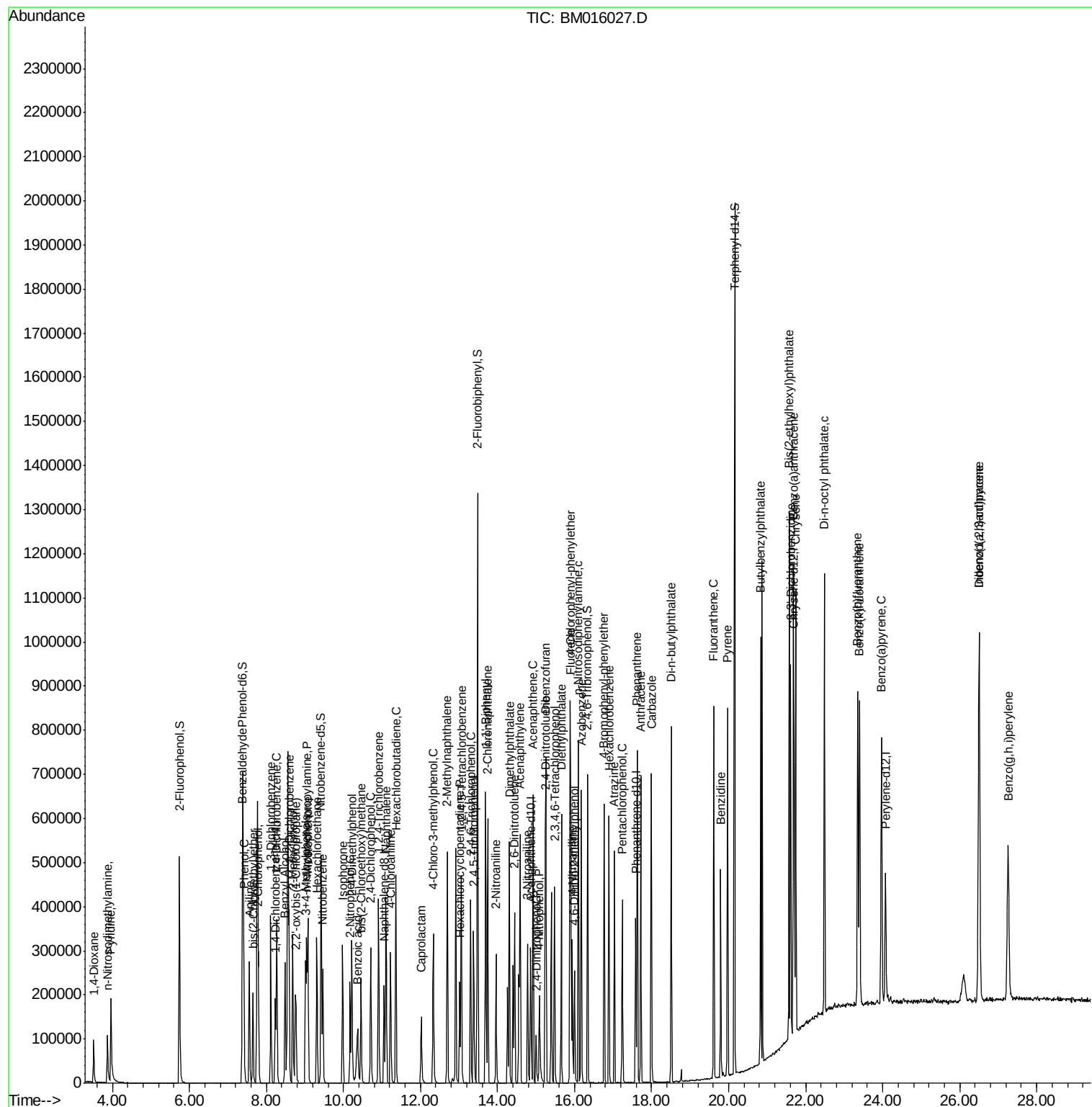
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	73092	40.071	ng	97
43) 2,4,5-Trichlorophenol	13.38	196	73158	38.883	ng #	81
45) 1,1'-Biphenyl	13.69	154	296887	38.415	ng	98
46) 2-Chloronaphthalene	13.75	162	231348	38.488	ng #	91
47) 2-Nitroaniline	13.96	65	75545	38.015	ng #	78
48) Acenaphthylene	14.59	152	340709	38.719	ng	99
49) Dimethylphthalate	14.31	163	283871	37.878	ng	99
50) 2,6-Dinitrotoluene	14.45	165	59444	39.422	ng #	59
51) Acenaphthene	14.92	154	204253	37.741	ng	95
52) 3-Nitroaniline	14.78	138	60595	37.204	ng #	75
53) 2,4-Dinitrophenol	15.00	184	19627	34.113	ng #	68
54) Dibenzofuran	15.25	168	336829	37.768	ng #	81
55) 4-Nitrophenol	15.09	139	44246	37.896	ng #	82
56) 2,4-Dinitrotoluene	15.23	165	80393	37.286	ng	93
57) Fluorene	15.90	166	249619	37.666	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.48	232	63614	39.335	ng #	100
59) Diethylphthalate	15.66	149	307060	38.013	ng	95
60) 4-Chlorophenyl-phenylether	15.88	204	137405	37.245	ng #	82
61) 4-Nitroaniline	15.94	138	55904	35.775	ng #	15
62) Azobenzene	16.17	77	329727	38.759	ng #	76
64) 4,6-Dinitro-2-methylphenol	16.00	198	41278	38.103	ng	85
65) n-Nitrosodiphenylamine	16.10	169	231859	39.451	ng	98
66) 4-Bromophenyl-phenylether	16.77	248	79596	39.384	ng #	72
67) Hexachlorobenzene	16.89	284	86153	38.709	ng #	64
68) Atrazine	17.03	200	83337	39.564	ng	99
69) Pentachlorophenol	17.24	266	52028	37.751	ng	96
70) Phenanthrene	17.63	178	381850	38.214	ng	98
71) Anthracene	17.72	178	373697	38.479	ng	98
72) Carbazole	17.99	167	388203	38.585	ng	97
73) Di-n-butylphthalate	18.51	149	490355	39.113	ng #	97
74) Fluoranthene	19.62	202	429171	38.503	ng	99
76) Benzidine	19.79	184	220873	40.097	ng	99
77) Pyrene	19.97	202	449296	38.034	ng	99
79) Butylbenzylphthalate	20.83	149	234443	39.067	ng #	82
80) Benzo(a)anthracene	21.69	228	455923	37.552	ng	99
81) 3,3'-Dichlorobenzidine	21.62	252	188679	38.583	ng	99
82) Chrysene	21.74	228	436136	37.448	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	339081	38.988	ng	93
84) Di-n-octyl phthalate	22.49	149	565613	38.695	ng #	90
85) Indeno(1,2,3-cd)pyrene	26.50	276	516873	37.399	ng #	94
87) Benzo(b)fluoranthene	23.35	252	436549	37.070	ng #	97
88) Benzo(k)fluoranthene	23.40	252	452743	37.935	ng	98
89) Benzo(a)pyrene	23.97	252	428950	37.889	ng	99
90) Dibenzo(a,h)anthracene	26.51	278	443119	37.778	ng #	95
91) Benzo(g,h,i)perylene	27.26	276	414947	37.404	ng #	94

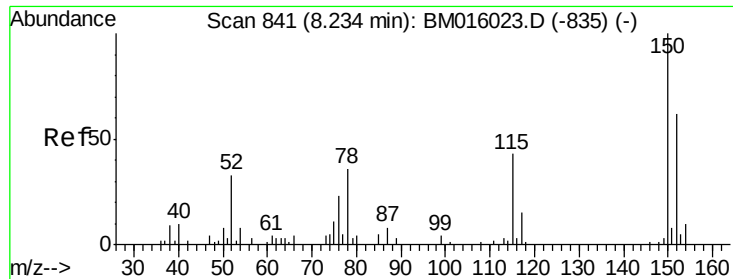
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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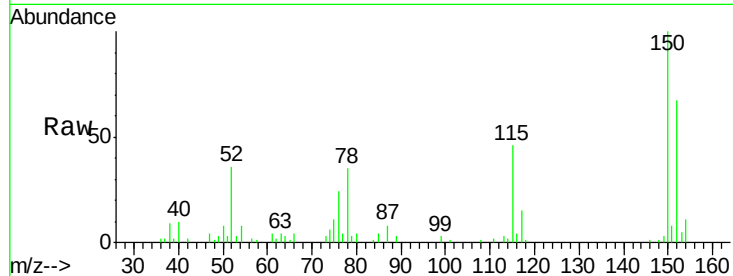




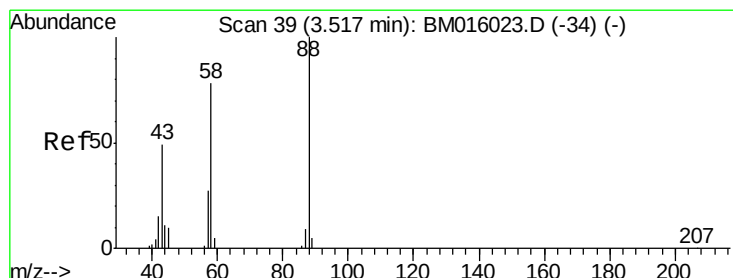
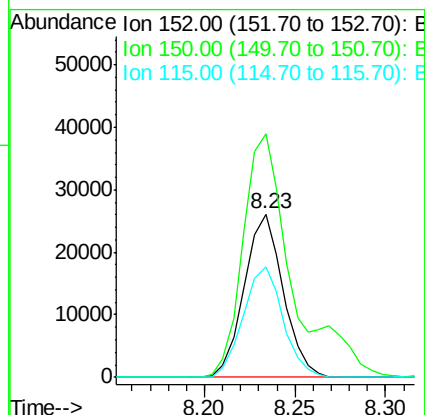
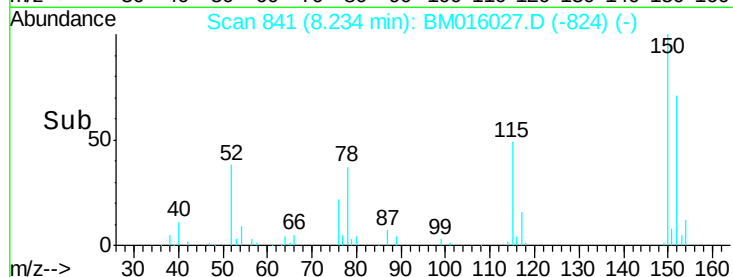
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.23 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

Tgt Ion:152 Resp: 38945
 Ion Ratio Lower Upper
 152 100
 150 149.1 119.5 179.3
 115 68.1 43.0 64.4#

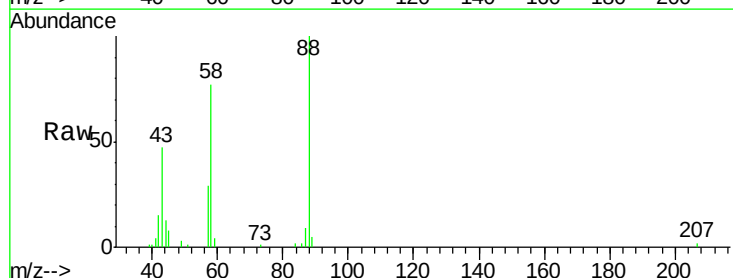


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

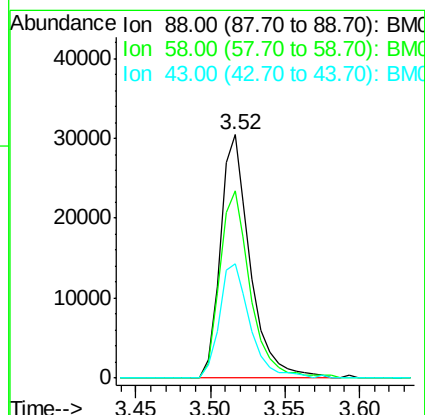
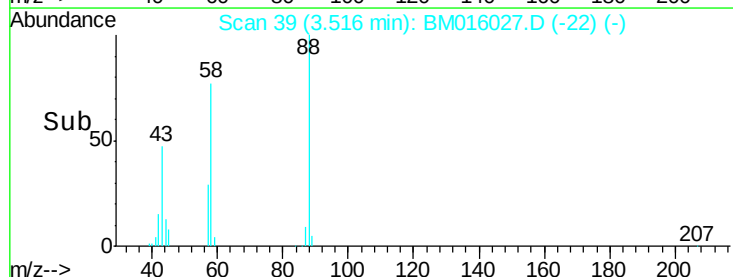


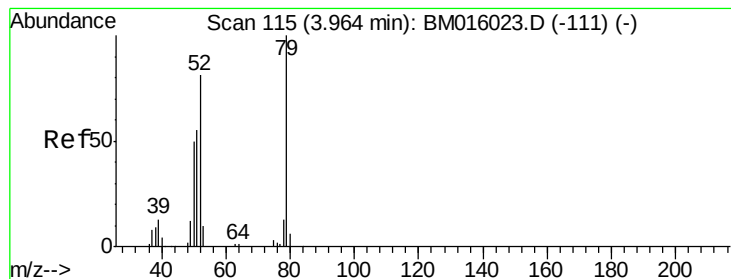
#2
 1,4-Dioxane
 Concen: 38.633 ng
 RT: 3.52 min Scan# 39
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Tgt Ion: 88 Resp: 42437
 Ion Ratio Lower Upper
 88 100
 58 79.3 0.0 0.0#
 43 48.6 0.0 0.0#



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





#3

Pyridine

Concen: 38.045 ng

RT: 3.96 min Scan# 115

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

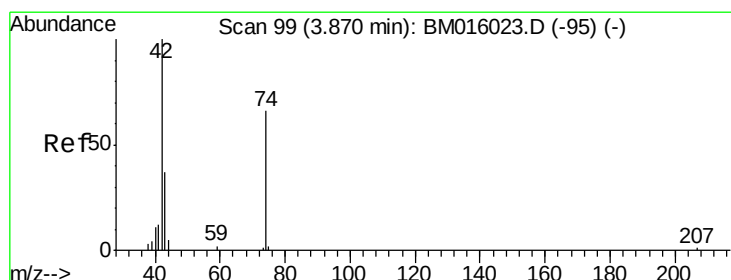
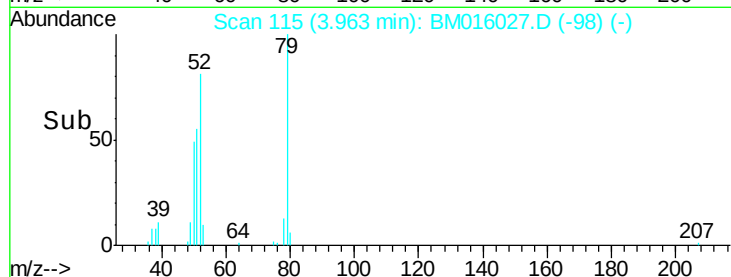
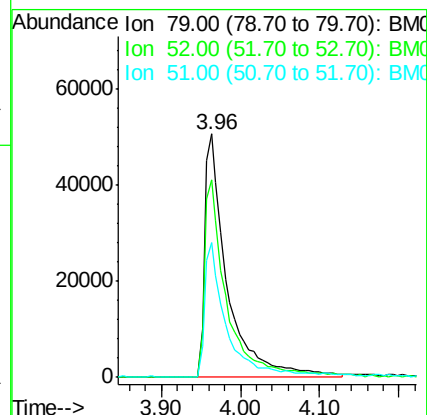
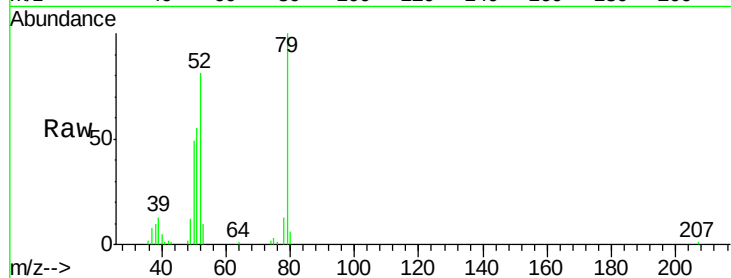
Tgt Ion: 79 Resp: 100676

Ion Ratio Lower Upper

79 100

52 81.0 51.1 76.7#

51 55.1 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 37.184 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

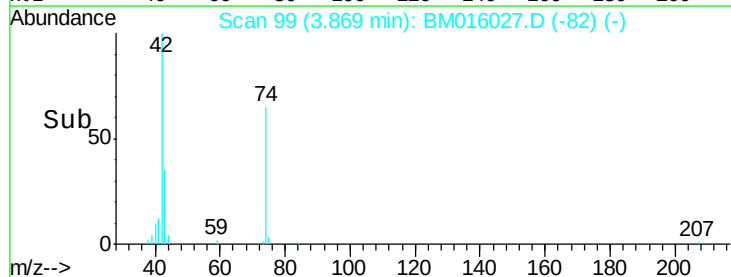
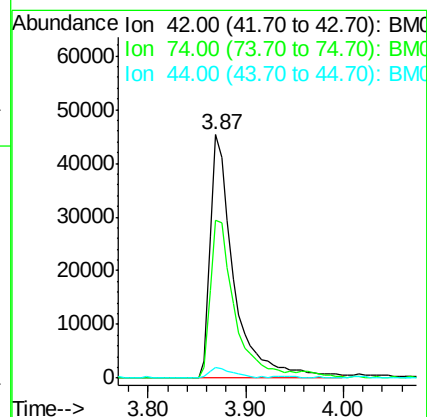
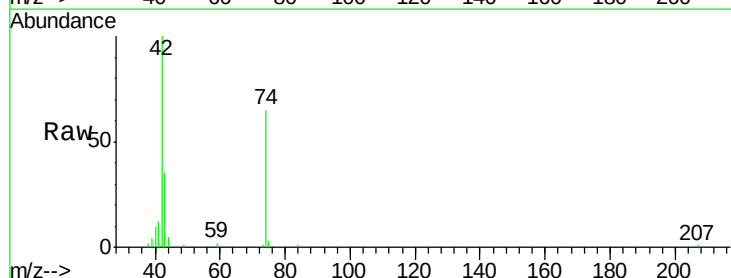
Tgt Ion: 42 Resp: 76748

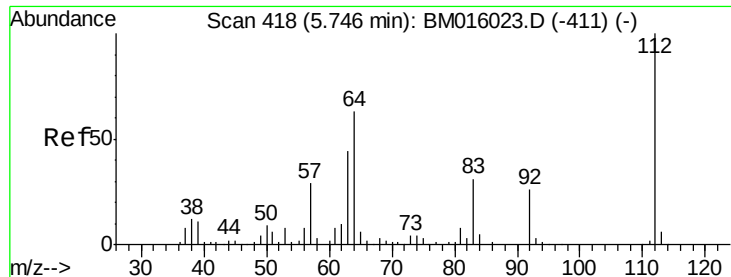
Ion Ratio Lower Upper

42 100

74 64.7 119.3 178.9#

44 4.6 5.4 8.2#





#5

2-Fluorophenol

Concen: 37.184 ng

RT: 5.75 min Scan# 418

Delta R.T. 0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

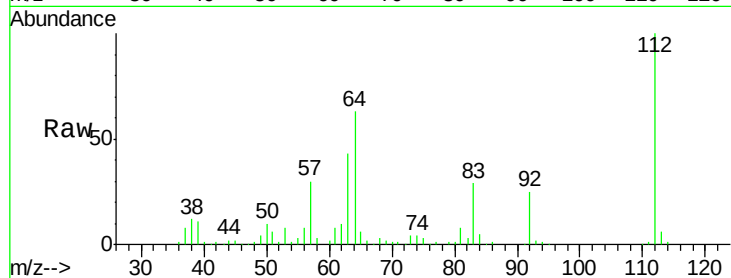
Tgt Ion: 112 Resp: 184596

Ion Ratio Lower Upper

112 100

64 62.8 38.6 57.8#

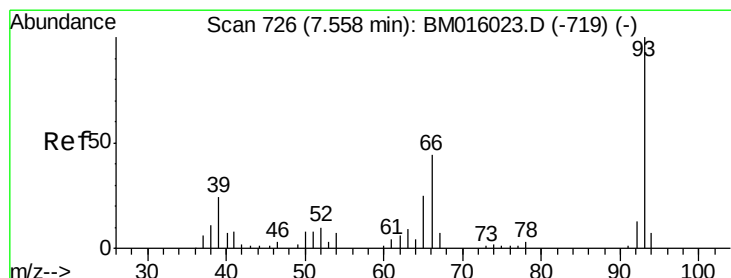
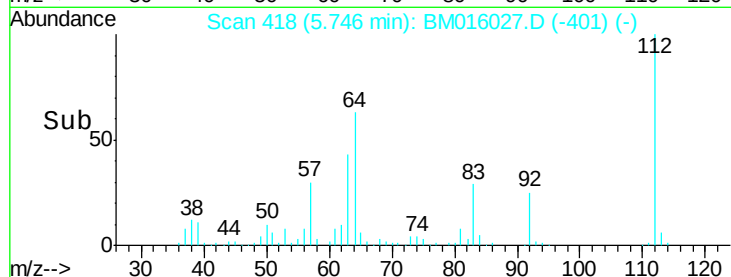
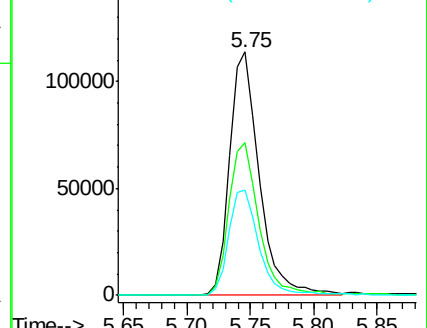
63 43.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 39.339 ng

RT: 7.56 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

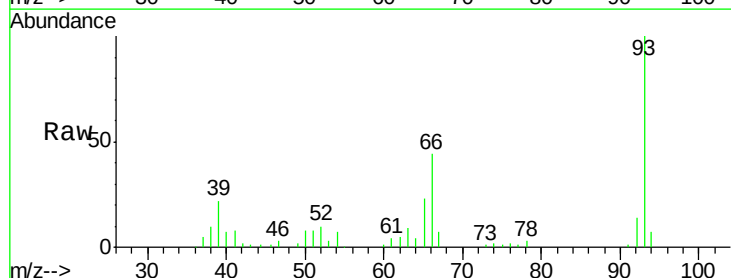
Tgt Ion: 93 Resp: 138682

Ion Ratio Lower Upper

93 100

66 44.3 30.8 46.2

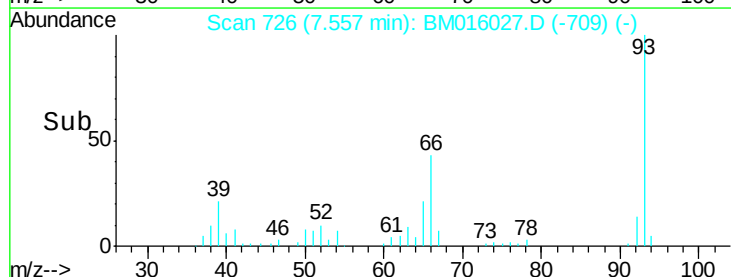
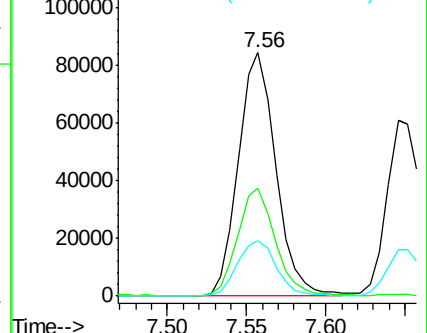
65 22.5 16.0 24.0

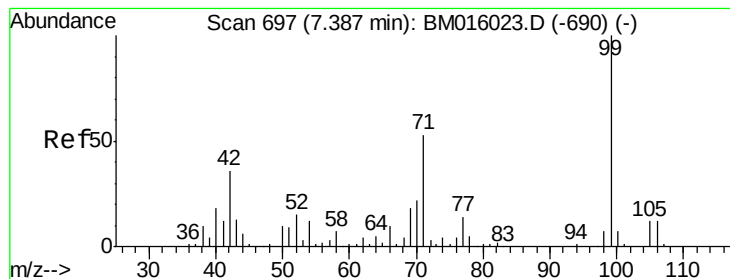


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 39.339 ng

RT: 7.39 min Scan# 697

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

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ClientSampleId :

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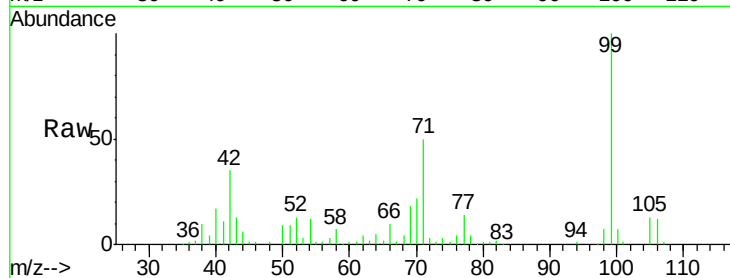
Tgt Ion: 99 Resp: 242126

Ion Ratio Lower Upper

99 100

42 34.9 11.0 16.4#

71 50.0 23.4 35.2#

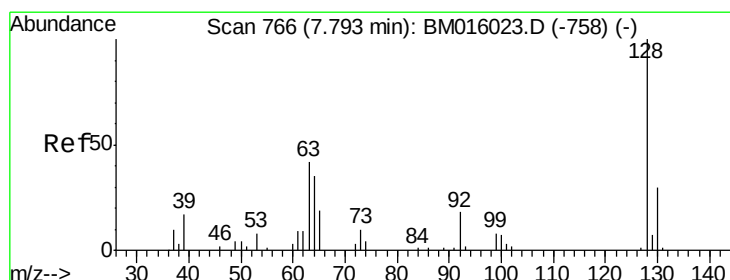
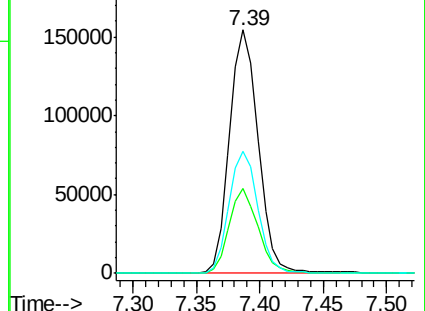
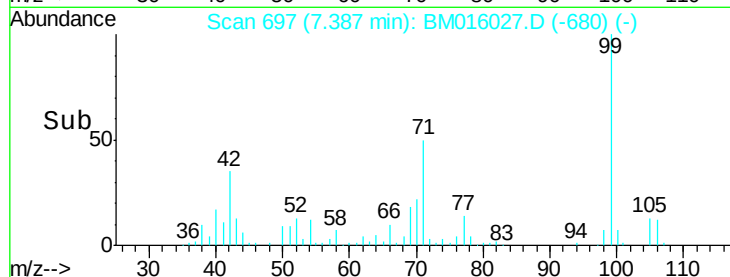


Abundance Ion 99.00 (98.70 to 99.70): BM016027.D (-749) (-)

Ion 42.00 (41.70 to 42.70): BM016027.D (-749) (-)

Ion 71.00 (70.70 to 71.70): BM016027.D (-749) (-)

Time-->



#8

2-Chlorophenol

Concen: 39.274 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

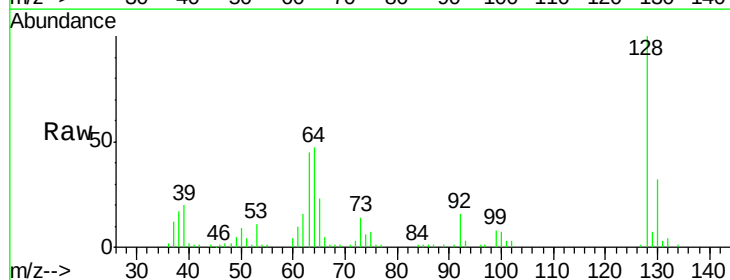
Tgt Ion: 128 Resp: 109435

Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 46.5 24.9 64.9

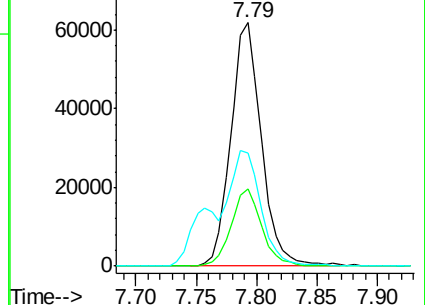
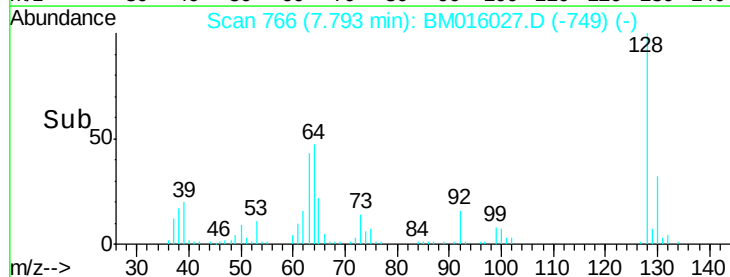


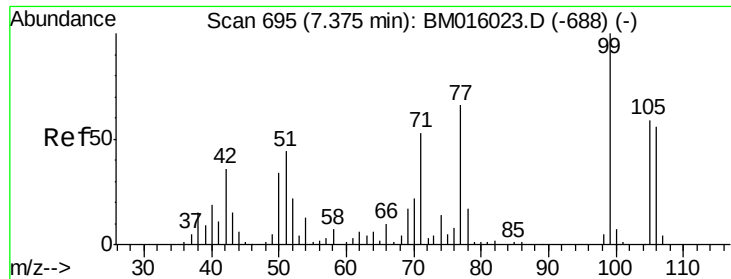
Abundance Ion 128.00 (127.70 to 128.70): BM016027.D (-749) (-)

Ion 130.00 (129.70 to 130.70): BM016027.D (-749) (-)

Ion 64.00 (63.70 to 64.70): BM016027.D (-749) (-)

Time-->

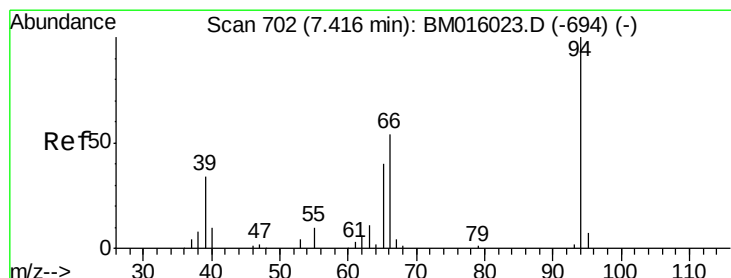
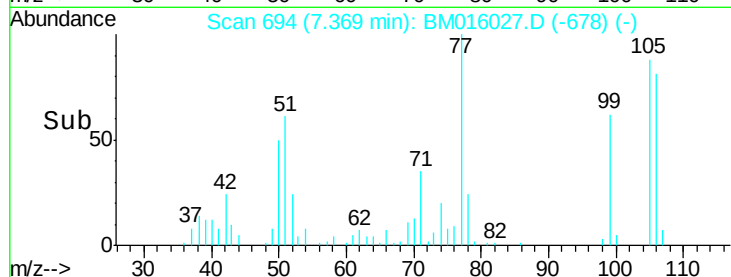
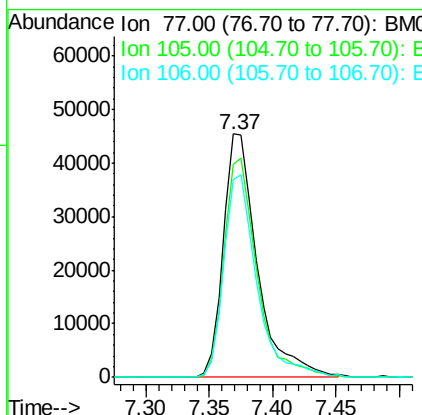
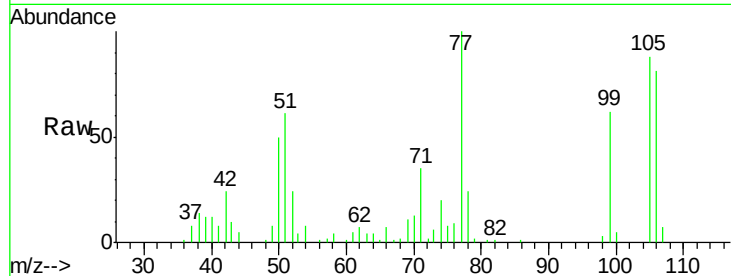




#9
Benzaldehyde
Concen: 39.503 ng
RT: 7.37 min Scan# 694
Delta R.T. -0.01 min
Lab File: BM016027.D
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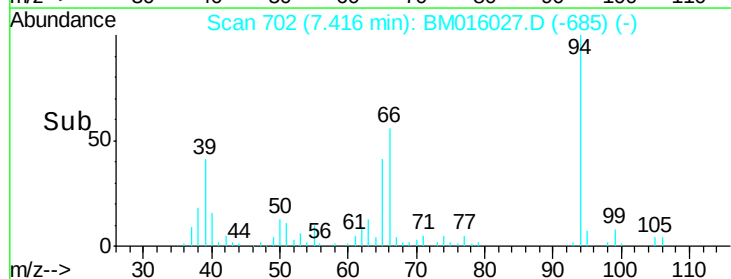
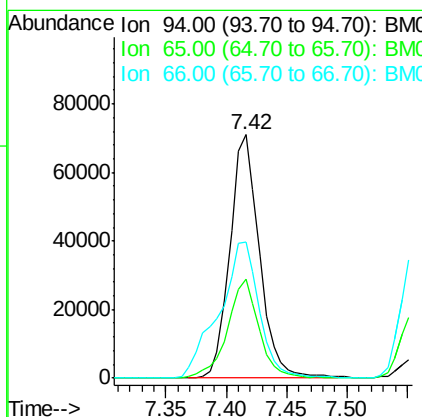
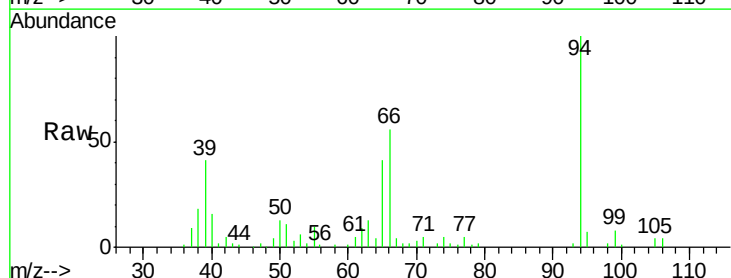
Instrument :
BNA_M
ClientSampleId :
ICVBM072318

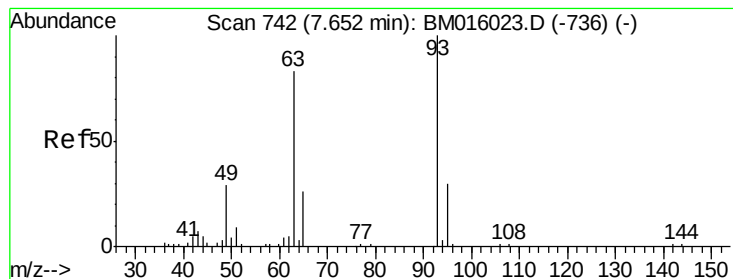
Tgt Ion: 77 Resp: 84978
Ion Ratio Lower Upper
77 100
105 87.7 78.8 118.8
106 81.3 73.7 113.7



#10
Phenol
Concen: 39.709 ng
RT: 7.42 min Scan# 702
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Tgt Ion: 94 Resp: 121571
Ion Ratio Lower Upper
94 100
65 40.7 18.8 58.8
66 55.7 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 38.850 ng

RT: 7.65 min Scan# 741

Delta R.T. -0.01 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

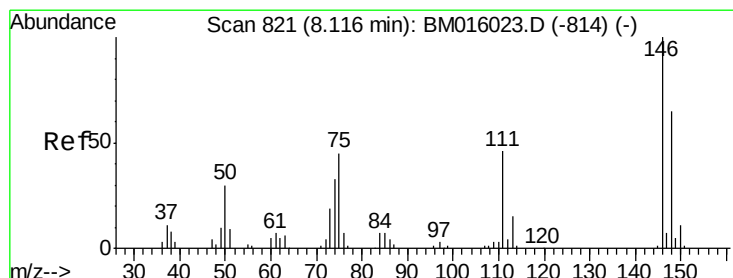
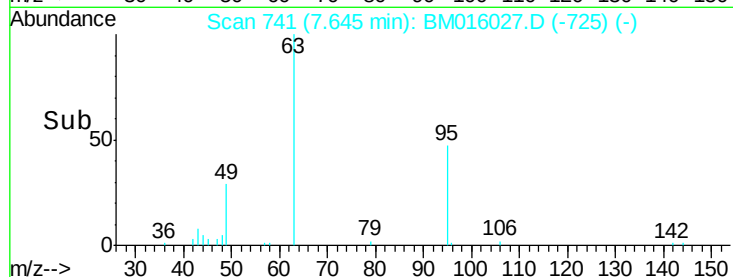
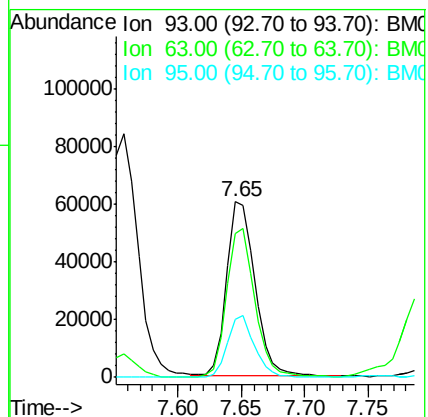
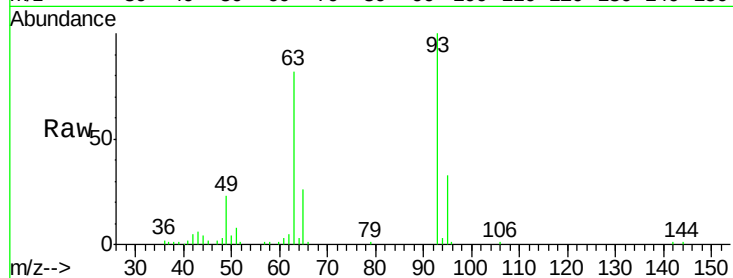
Tgt Ion: 93 Resp: 93963

Ion Ratio Lower Upper

93 100

63 81.6 49.5 89.5

95 32.8 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 38.377 ng

RT: 8.12 min Scan# 821

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

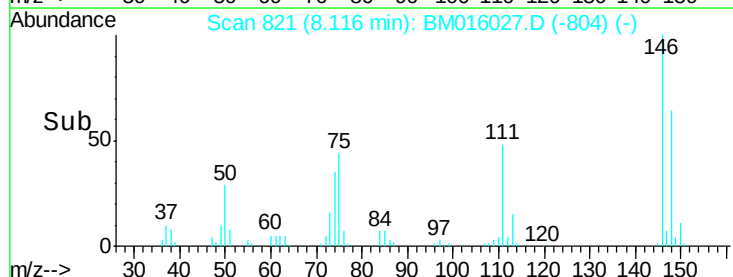
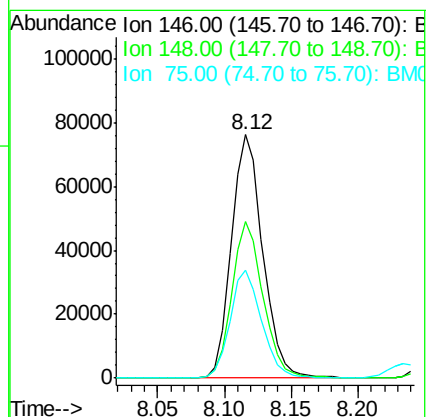
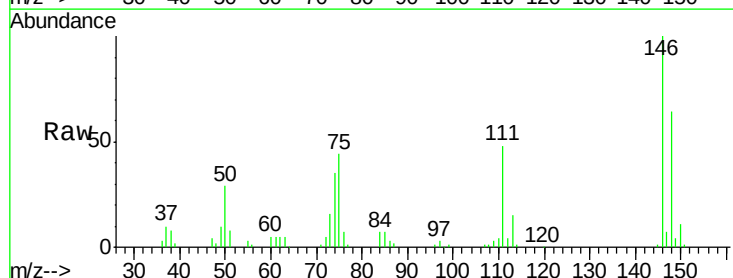
Tgt Ion: 146 Resp: 125170

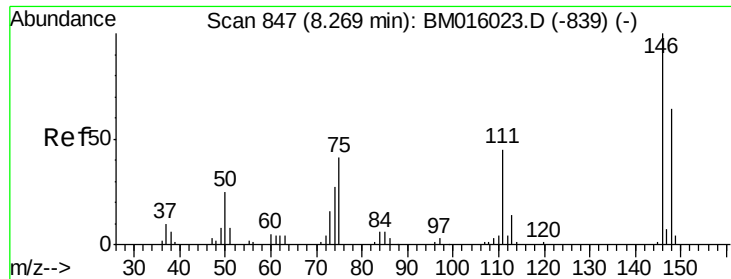
Ion Ratio Lower Upper

146 100

148 64.3 50.9 76.3

75 44.3 21.4 32.2#

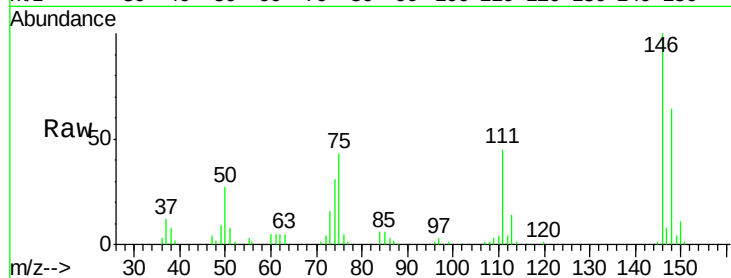




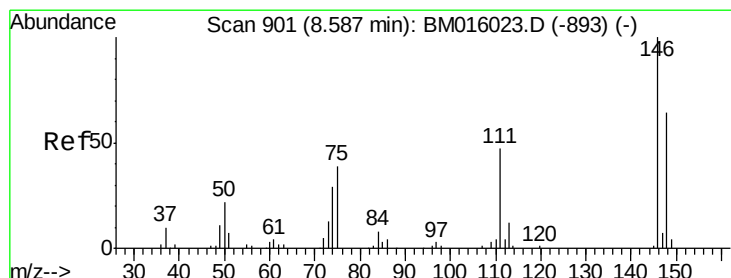
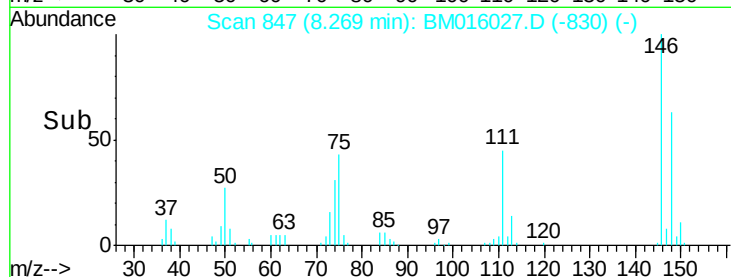
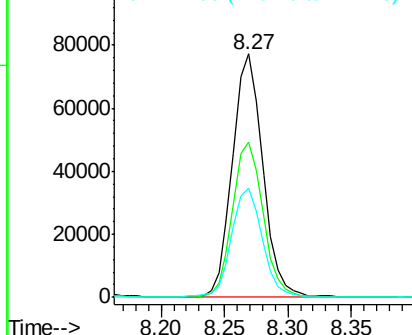
#13
 1,4-Dichlorobenzene
 Concen: 38.964 ng
 RT: 8.27 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

Tgt Ion:146 Resp: 128888
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 111 44.8 29.2 43.8#

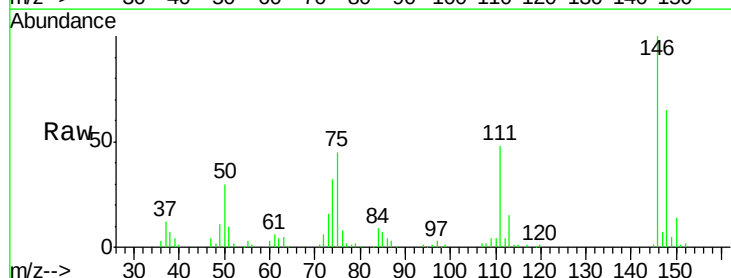


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

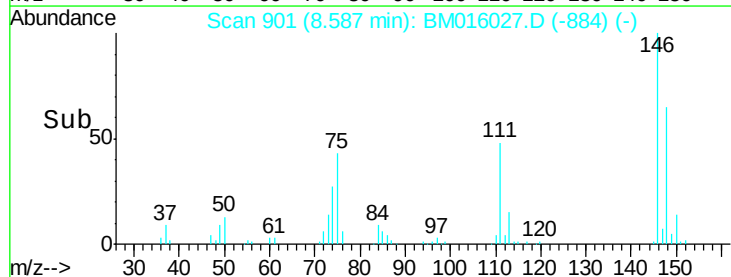
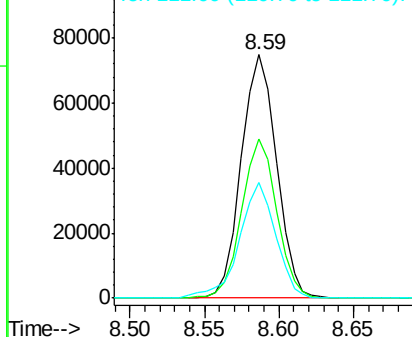


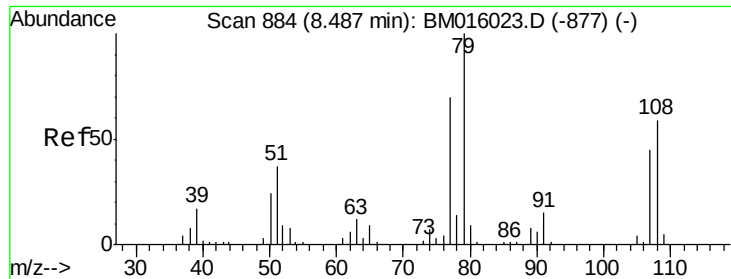
#14
 1,2-Dichlorobenzene
 Concen: 37.865 ng
 RT: 8.59 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Tgt Ion:146 Resp: 122556
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.3 78.5
 111 47.5 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: 37.824 ng

RT: 8.49 min Scan# 884

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

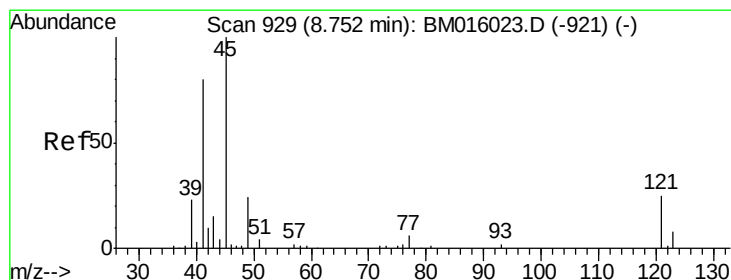
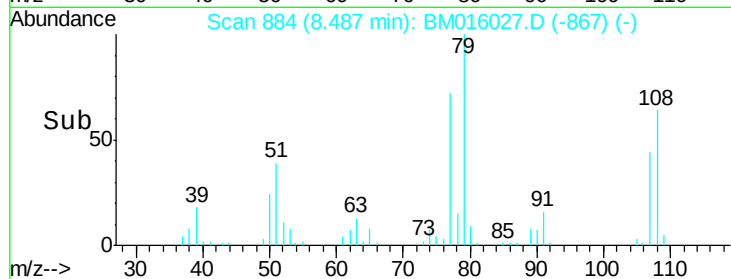
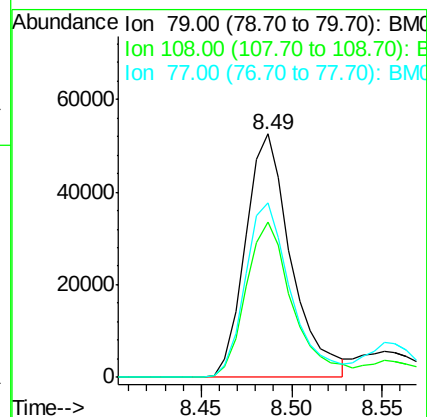
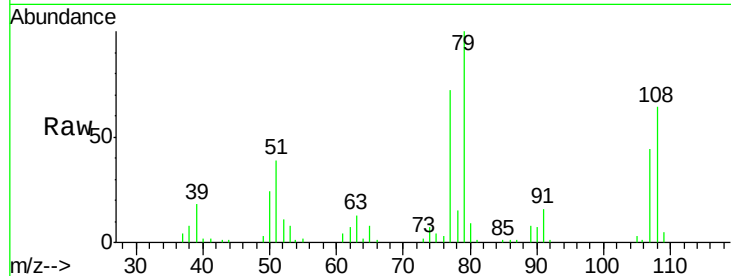
Tgt Ion: 79 Resp: 92214

Ion Ratio Lower Upper

79 100

108 63.9 65.0 97.4#

77 71.5 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.383 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

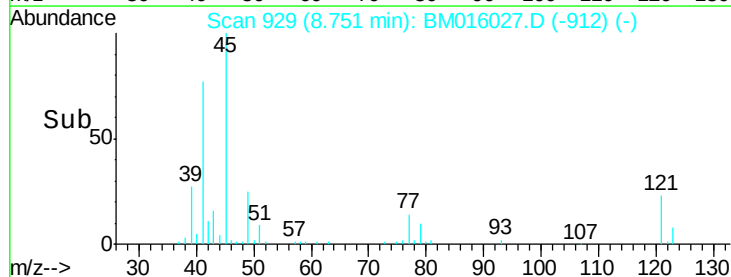
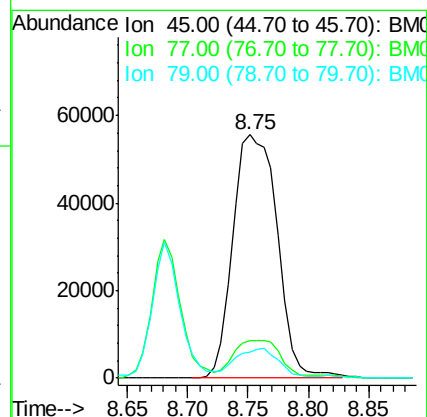
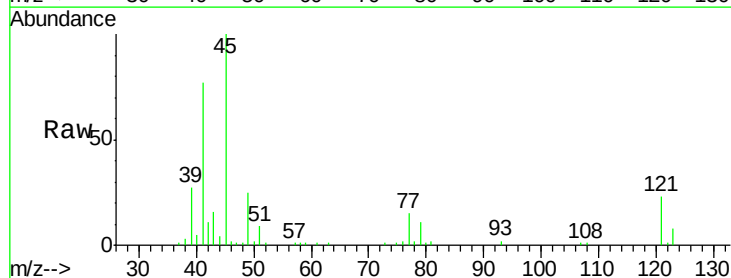
Tgt Ion: 45 Resp: 142081

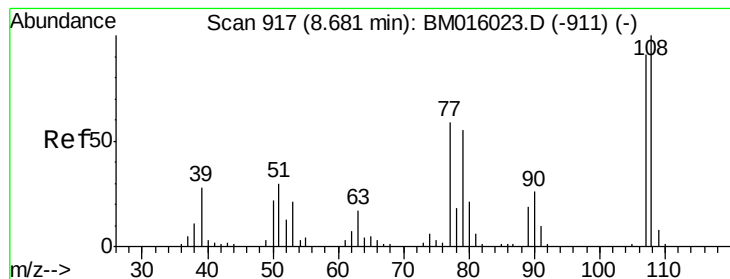
Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.2

79 10.7 0.0 32.0





#17

2-Methylphenol

Concen: 39.280 ng

RT: 8.68 min Scan# 917

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

Tgt Ion:107 Resp: 82198

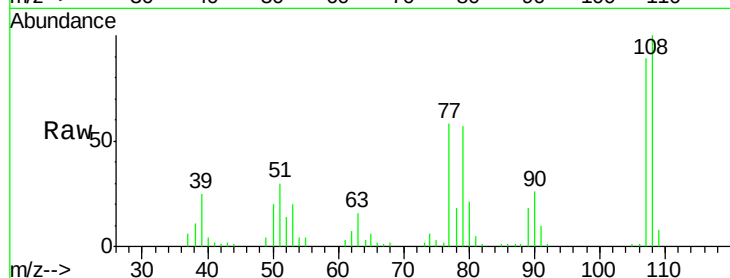
Ion Ratio Lower Upper

107 100

108 112.6 89.8 134.8

77 65.4 32.6 48.8#

79 63.9 32.8 49.2#



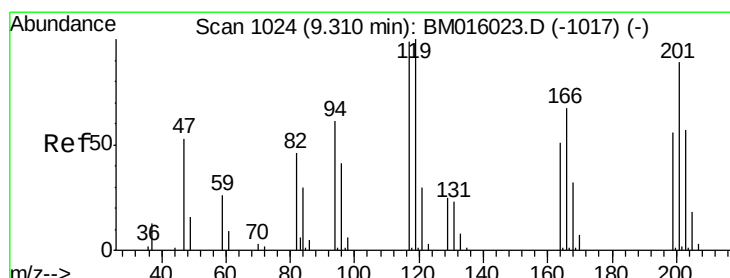
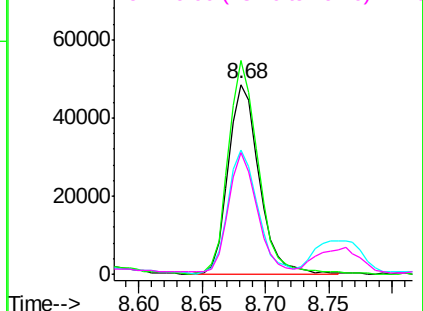
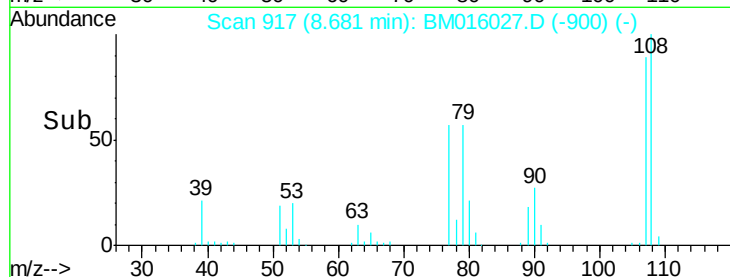
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 37.533 ng

RT: 9.31 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

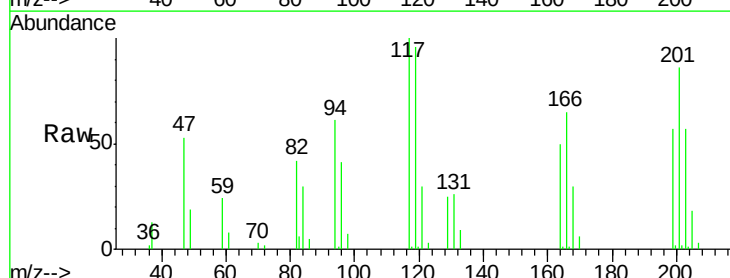
Tgt Ion:117 Resp: 53667

Ion Ratio Lower Upper

117 100

119 96.2 79.2 118.8

201 85.9 69.8 104.6

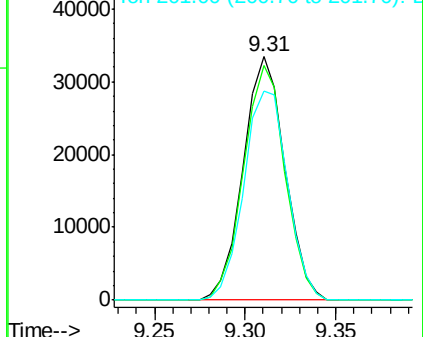
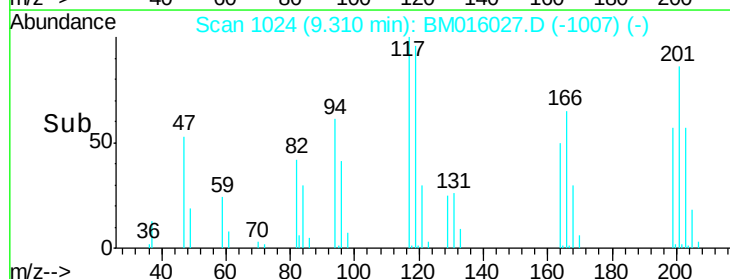


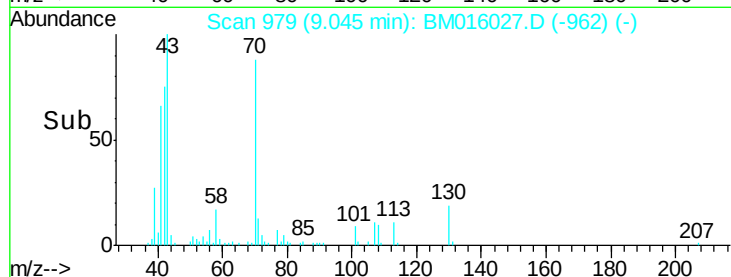
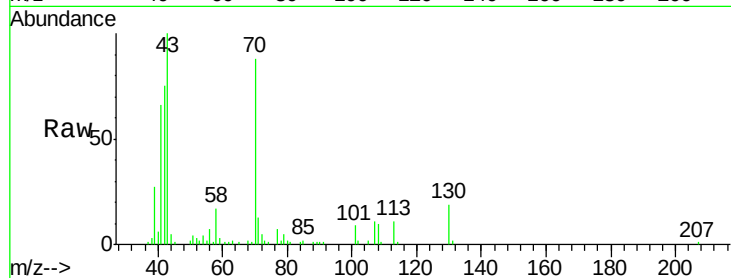
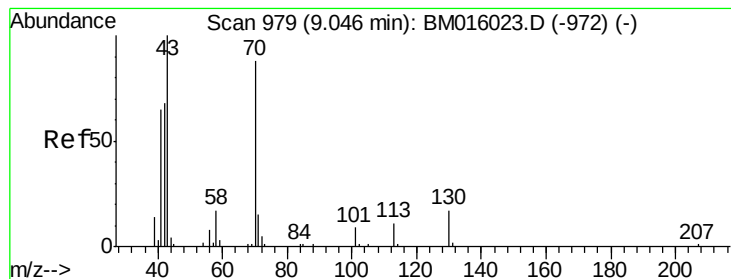
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.611 ng

RT: 9.05 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

Tgt Ion: 70 Resp: 84170

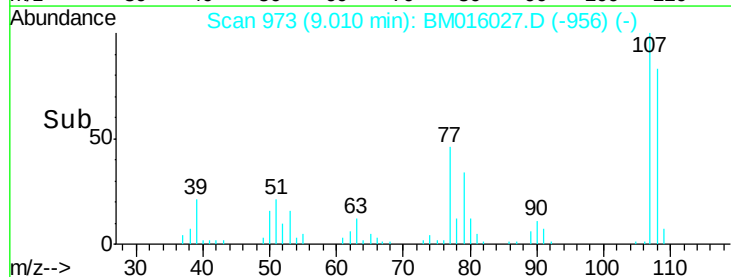
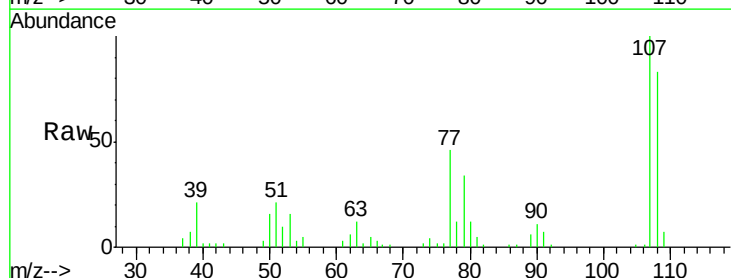
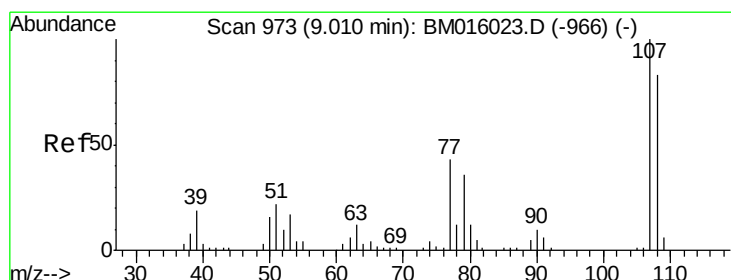
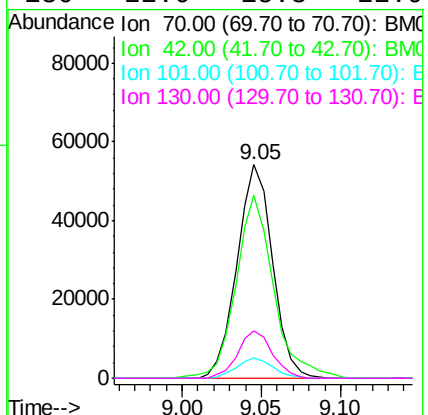
Ion Ratio Lower Upper

70 100

42 85.5 44.5 66.7#

101 9.7 7.4 11.2

130 22.0 15.3 22.9



#20

3+4-Methylphenols

Concen: 36.714 ng

RT: 9.01 min Scan# 973

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Tgt Ion: 107 Resp: 110538

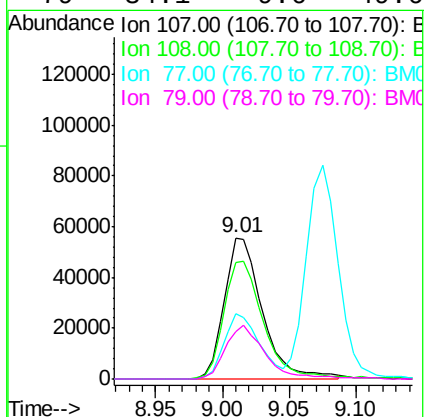
Ion Ratio Lower Upper

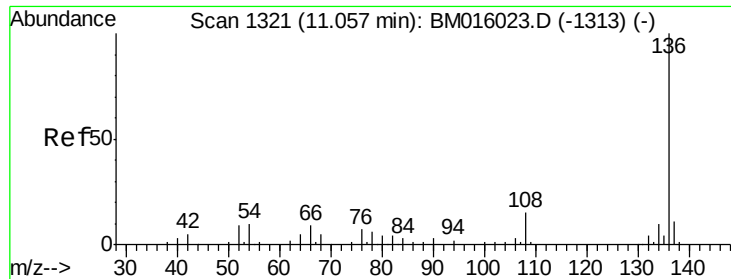
107 100

108 82.7 73.2 113.2

77 46.3 10.7 50.7

79 34.1 9.6 49.6

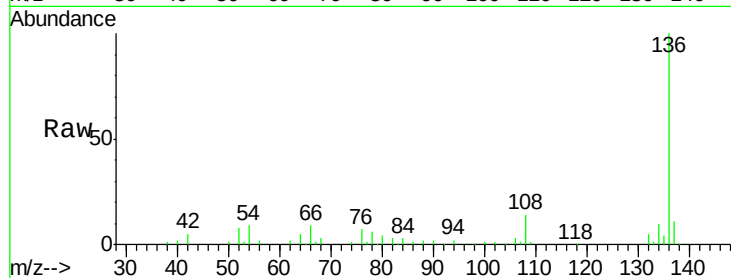




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.06 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Instrument :
BNA_M
ClientSampleId :
ICVBM072318

Tgt Ion:	136	Resp:	157151
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.6	4.6	6.8#
68	3.5	3.7	5.5#



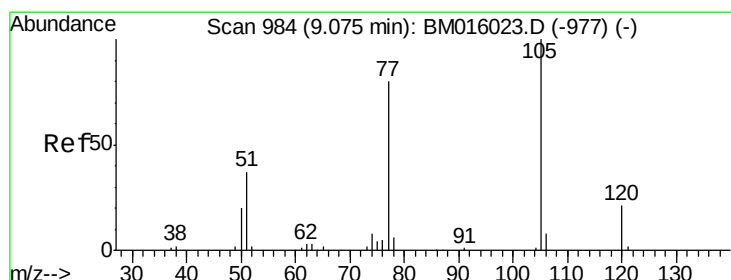
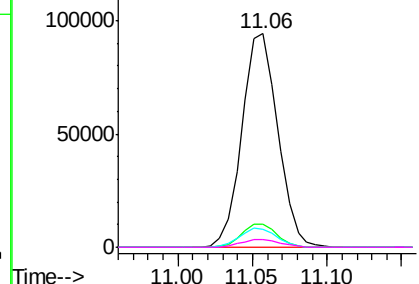
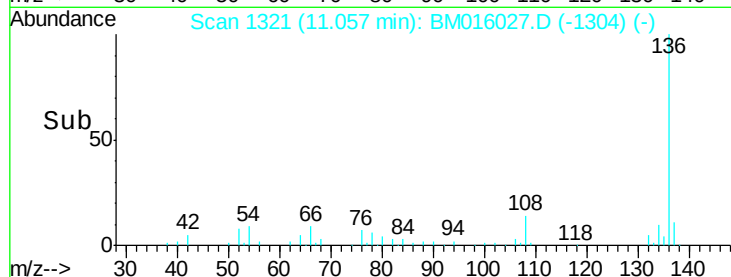
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

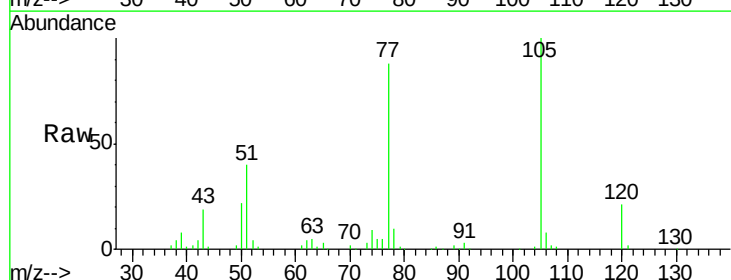
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 39.748 ng
RT: 9.07 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Tgt Ion:	105	Resp:	157286
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.6	1.0#
51	39.9	21.6	32.4#
120	21.4	16.1	24.1



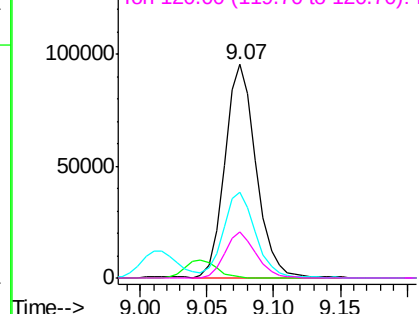
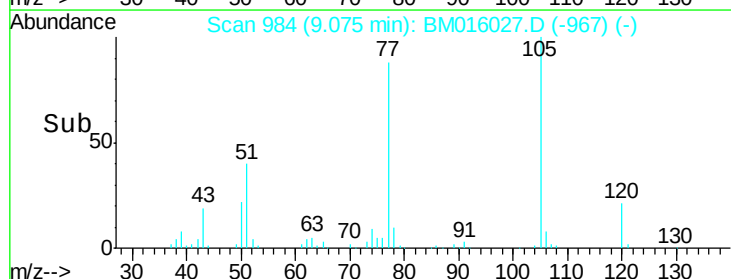
Abundance

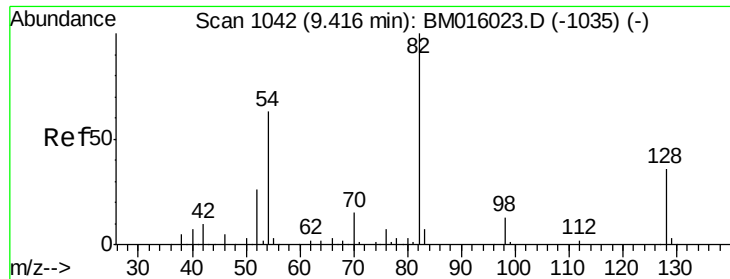
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

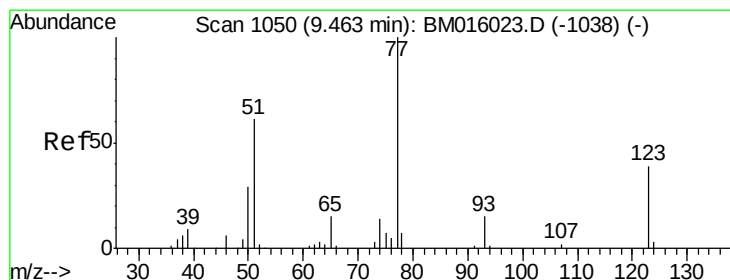
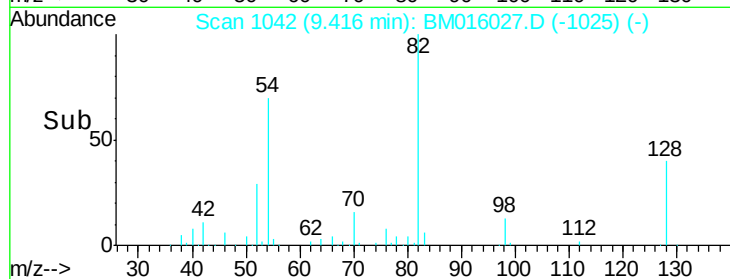
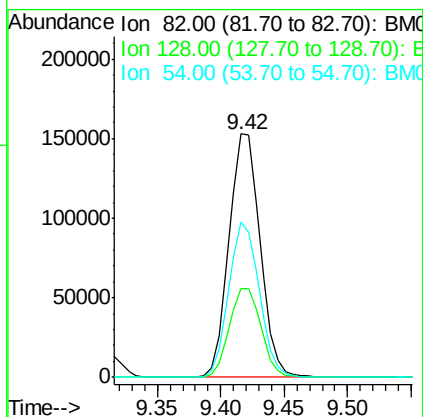
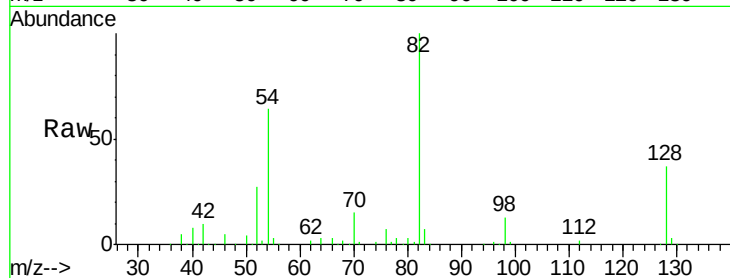




#23
 Nitrobenzene-d5
 Concen: 39.748 ng
 RT: 9.42 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

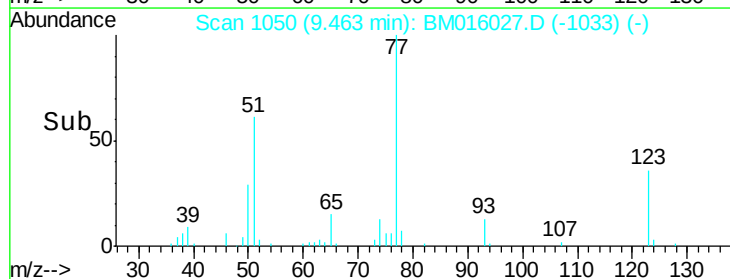
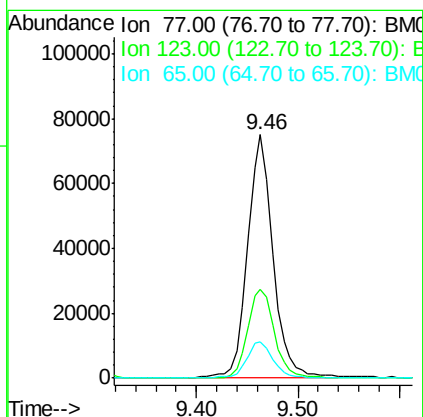
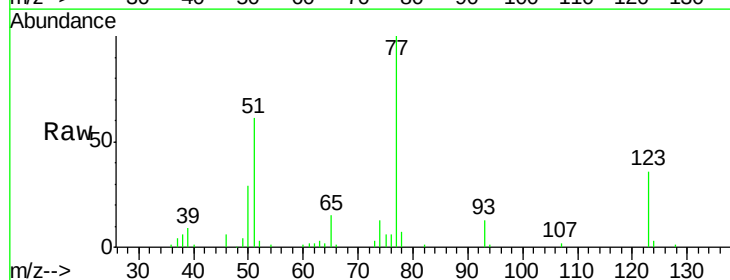
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

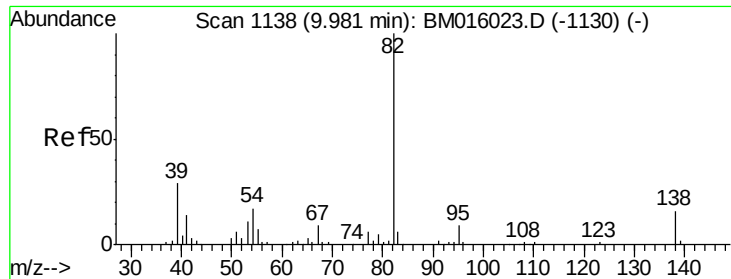
Tgt Ion: 82 Resp: 260680
 Ion Ratio Lower Upper
 82 100
 128 36.6 32.8 49.2
 54 63.8 40.6 60.8#



#24
 Nitrobenzene
 Concen: 38.511 ng
 RT: 9.46 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Tgt Ion: 77 Resp: 130975
 Ion Ratio Lower Upper
 77 100
 123 36.3 32.6 49.0
 65 14.9 10.9 16.3

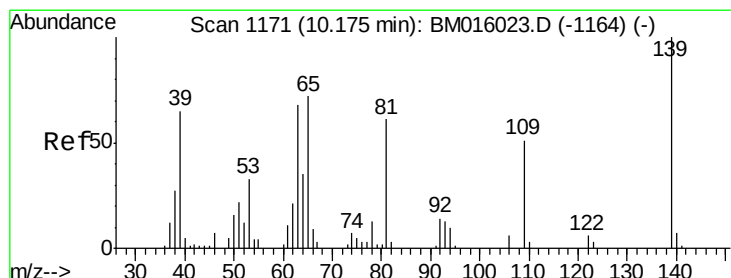
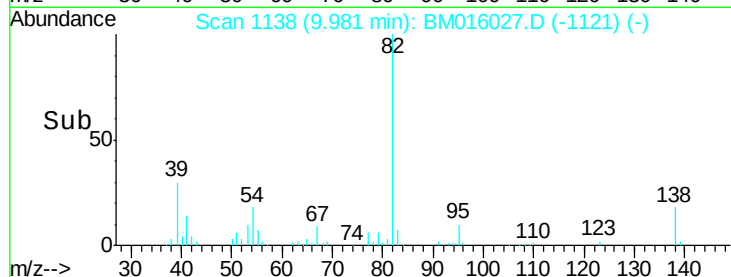
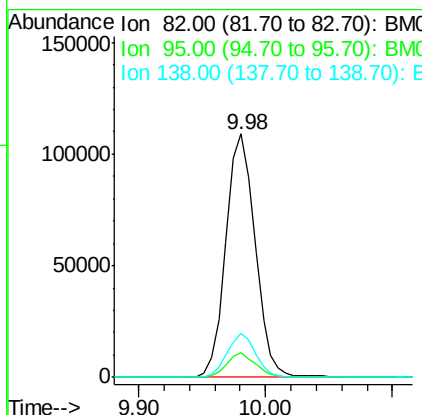
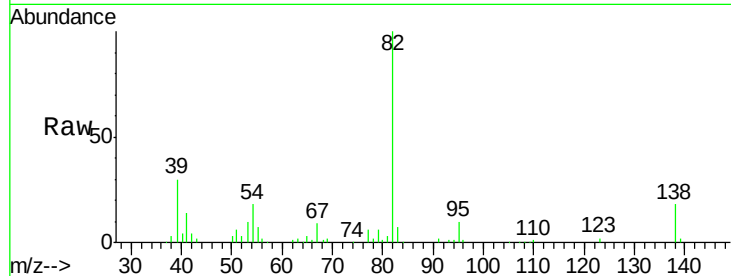




#25
Isophorone
Concen: 37.851 ng
RT: 9.98 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

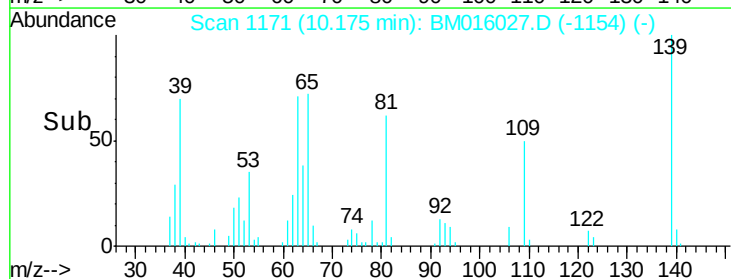
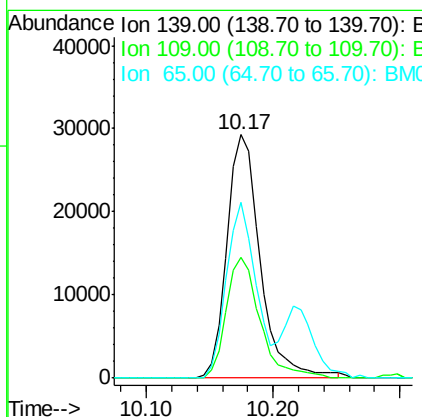
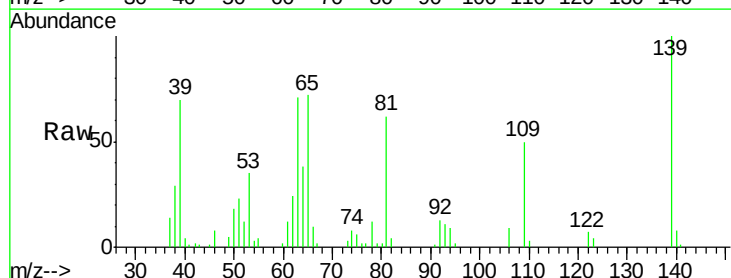
Instrument :
BNA_M
ClientSampleId :
ICVBM072318

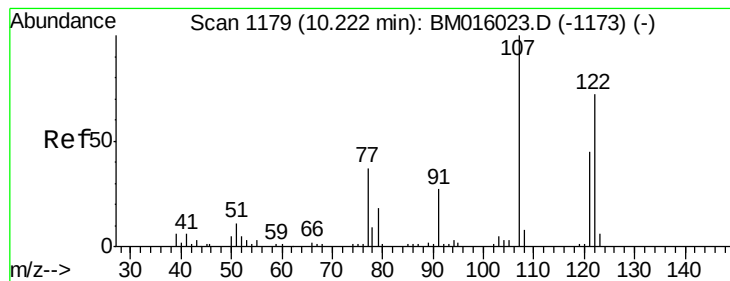
Tgt Ion: 82 Resp: 174934
Ion Ratio Lower Upper
82 100
95 10.0 5.8 8.6#
138 17.9 16.3 24.5



#26
2-Nitrophenol
Concen: 37.528 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Tgt Ion: 139 Resp: 53279
Ion Ratio Lower Upper
139 100
109 49.6 20.1 30.1#
65 72.2 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 38.837 ng

RT: 10.22 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

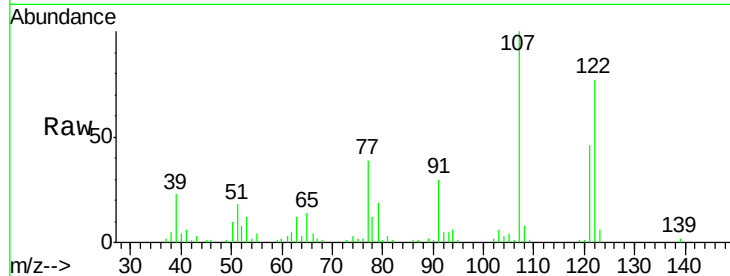
Tgt Ion: 122 Resp: 76817

Ion Ratio Lower Upper

122 100

107 130.5 84.7 127.1#

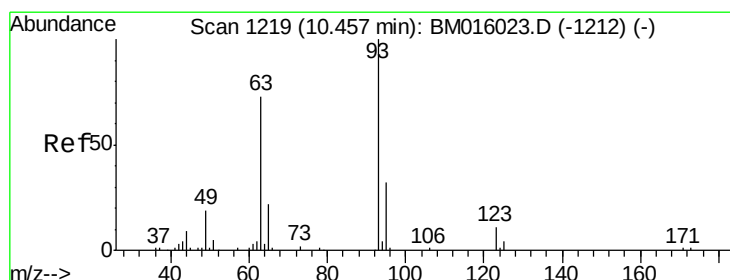
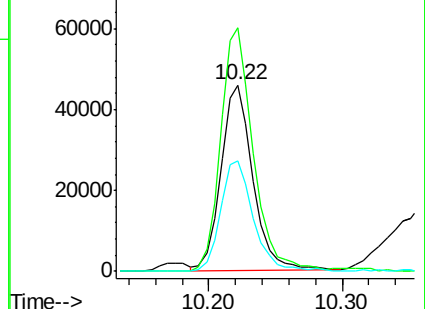
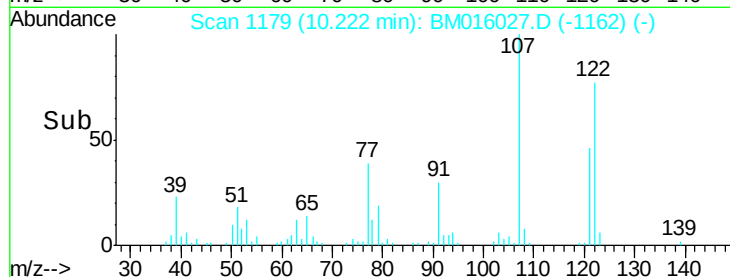
121 59.6 46.6 69.8



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: 38.018 ng

RT: 10.46 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

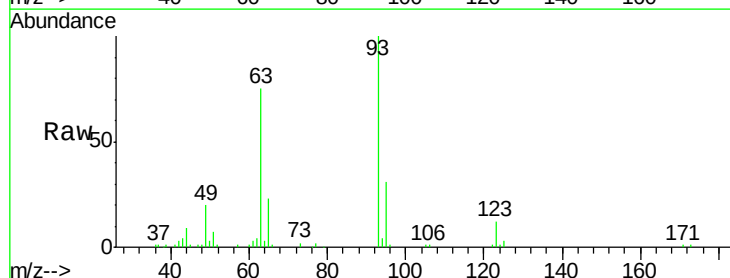
Tgt Ion: 93 Resp: 114201

Ion Ratio Lower Upper

93 100

95 31.3 25.5 38.3

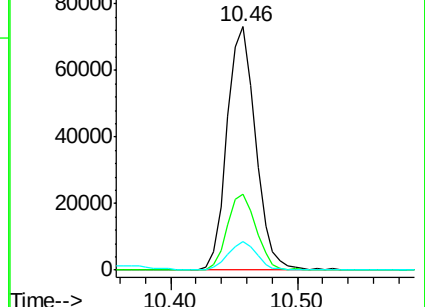
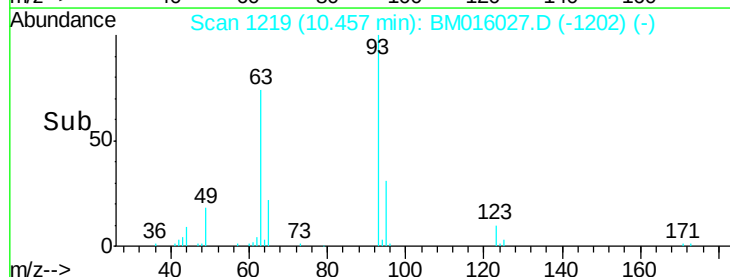
123 11.9 8.6 13.0

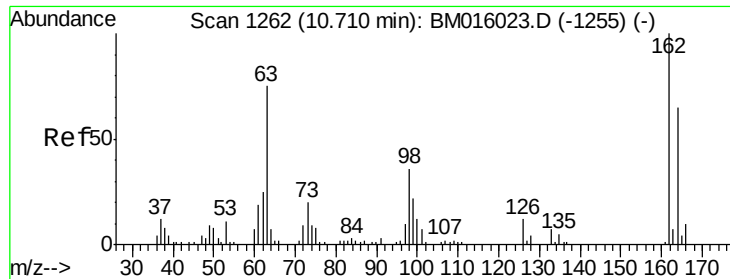


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.046 ng

RT: 10.71 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

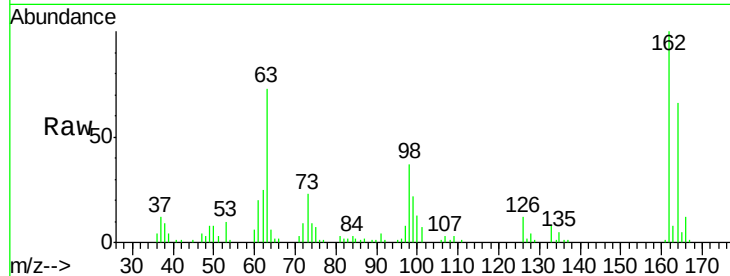
Tgt Ion:162 Resp: 94124

Ion Ratio Lower Upper

162 100

164 65.8 42.8 82.8

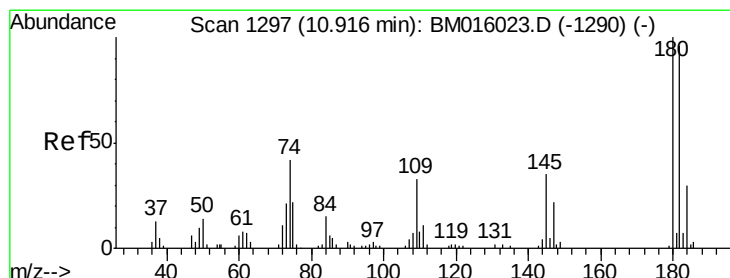
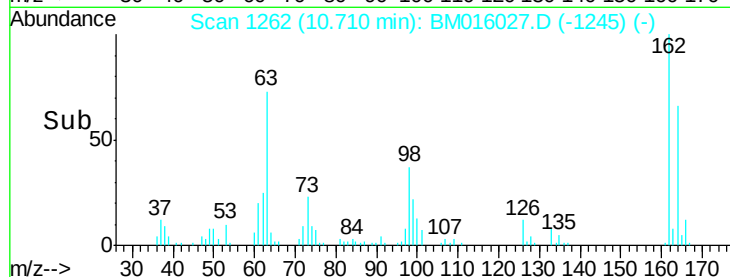
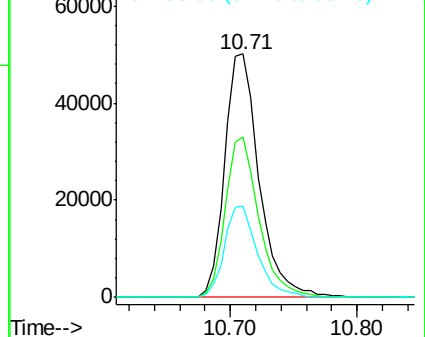
98 37.5 14.5 54.5



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: 38.697 ng

RT: 10.92 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

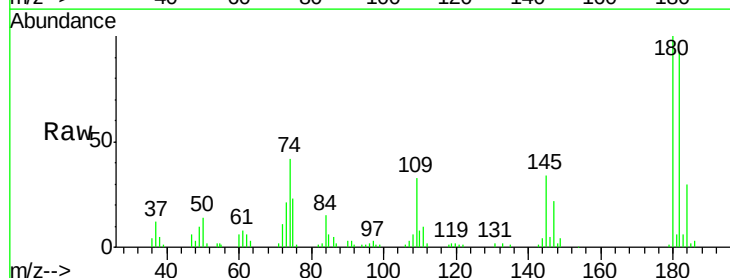
Tgt Ion:180 Resp: 110511

Ion Ratio Lower Upper

180 100

182 92.6 77.6 116.4

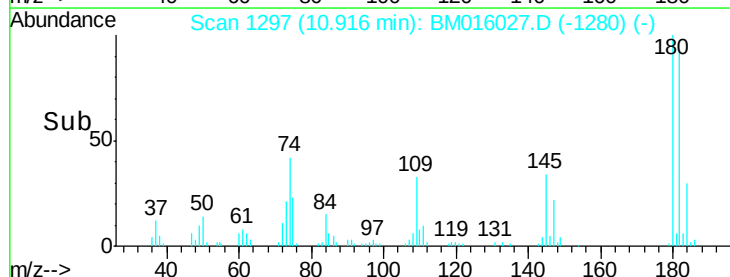
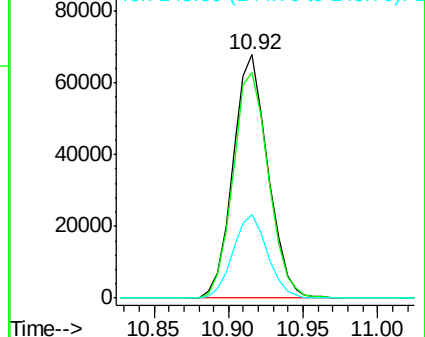
145 34.3 23.4 35.2

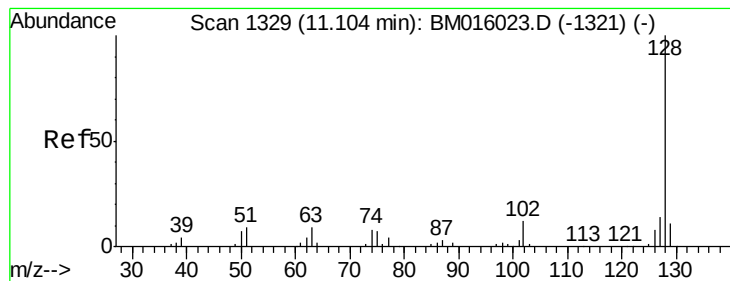


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

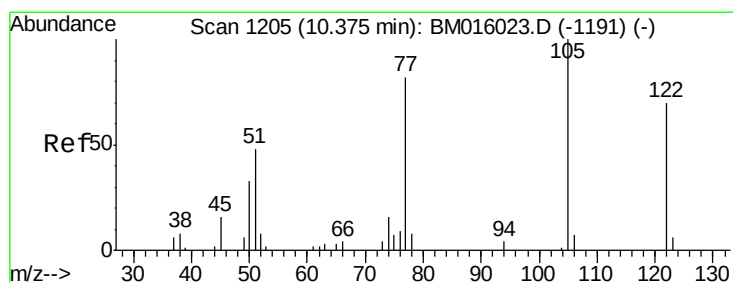
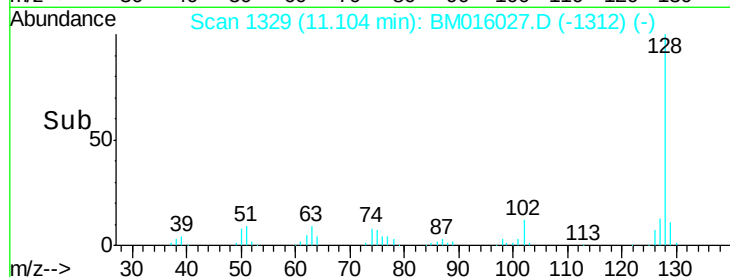
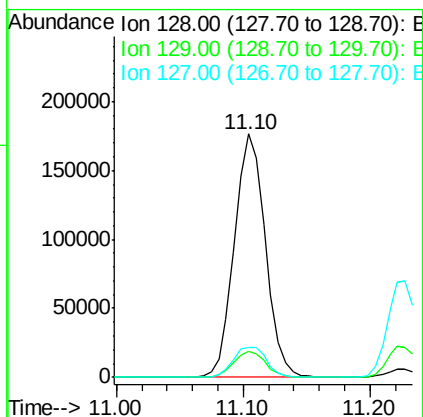
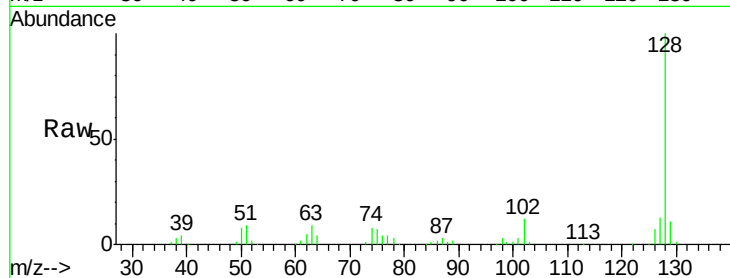




#31
Naphthalene
Concen: 37.615 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

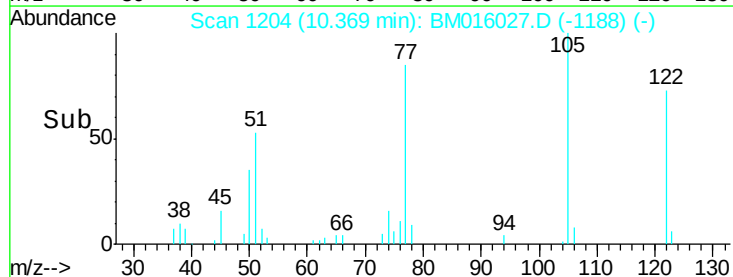
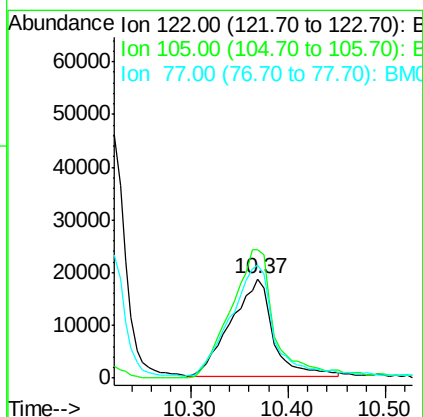
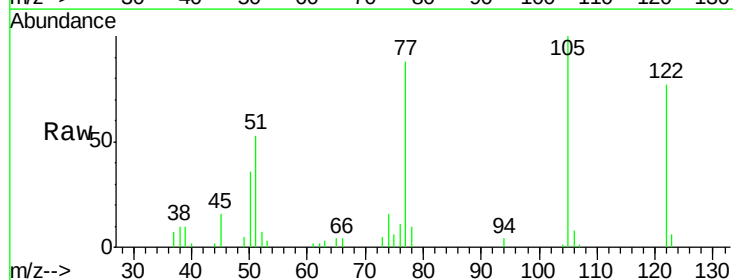
Instrument :
BNA_M
ClientSampleId :
ICVBM072318

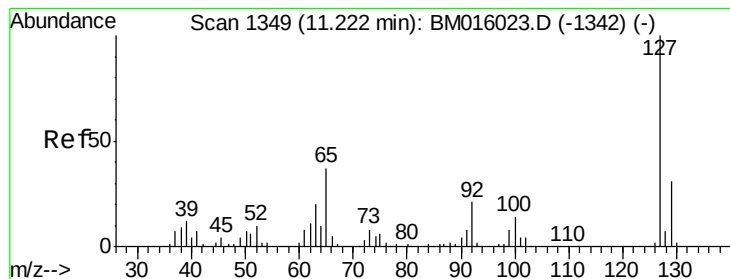
Tgt Ion:128 Resp: 299170
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.5 10.4 15.6



#32
Benzoic acid
Concen: 36.558 ng
RT: 10.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Tgt Ion:122 Resp: 55123
Ion Ratio Lower Upper
122 100
105 129.8 99.9 139.9
77 114.5 73.7 113.7#





#33

4-Chloroaniline

Concen: 38.536 ng

RT: 11.23 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

Tgt Ion:127 Resp: 125075

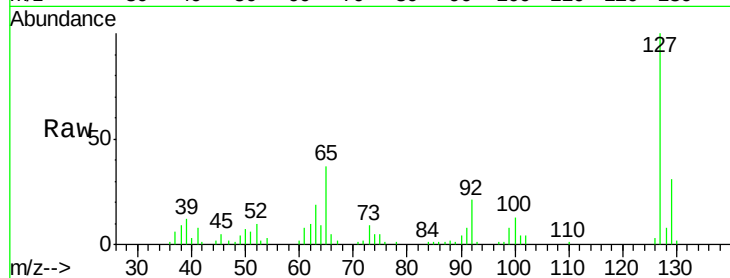
Ion Ratio Lower Upper

127 100

129 31.4 25.3 37.9

65 37.3 17.6 26.4#

92 20.6 13.1 19.7#

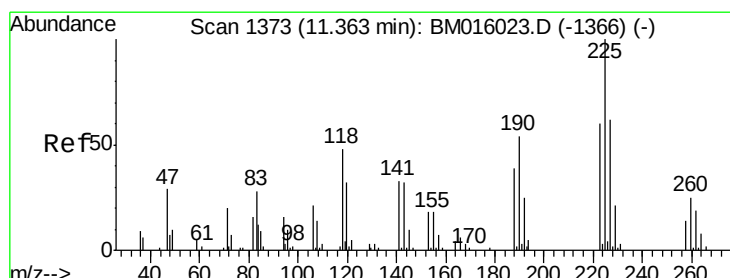
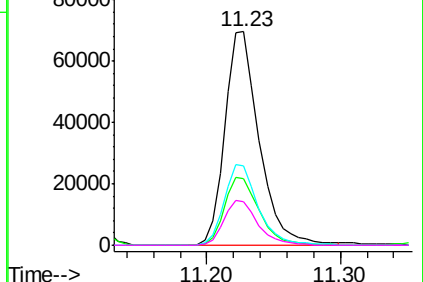
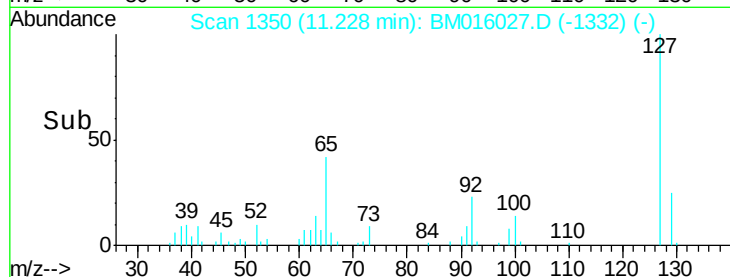


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 39.318 ng

RT: 11.36 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

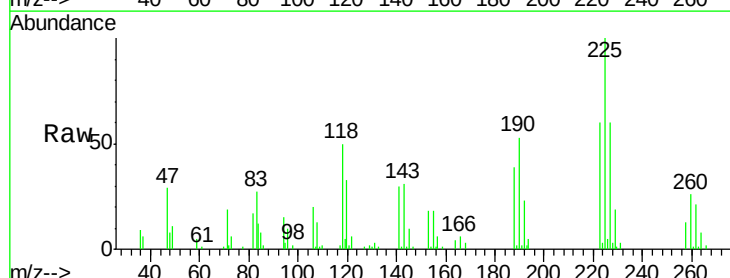
Tgt Ion:225 Resp: 77886

Ion Ratio Lower Upper

225 100

223 59.8 47.9 71.9

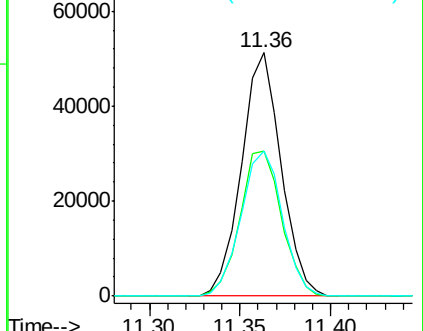
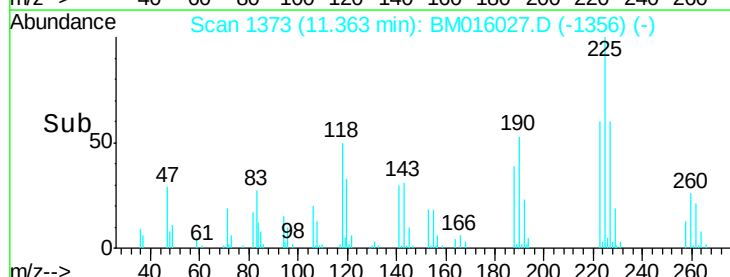
227 59.7 50.1 75.1

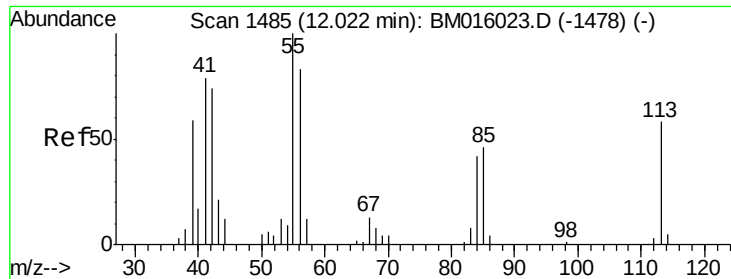


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.950 ng

RT: 12.02 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

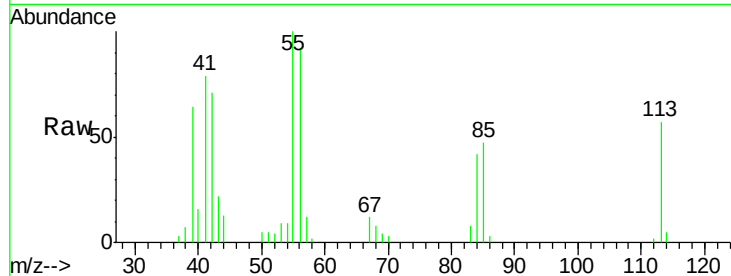
Tgt Ion:113 Resp: 24054

Ion Ratio Lower Upper

113 100

55 176.1 145.9 185.9

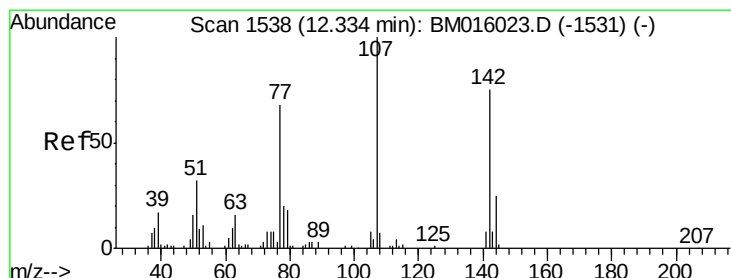
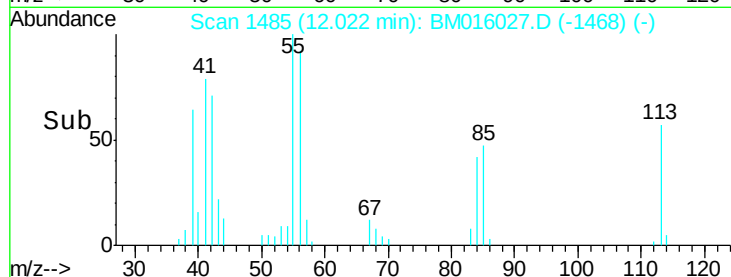
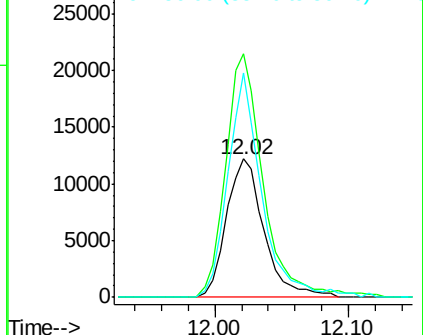
56 162.2 101.0 141.0#



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: 39.577 ng

RT: 12.33 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

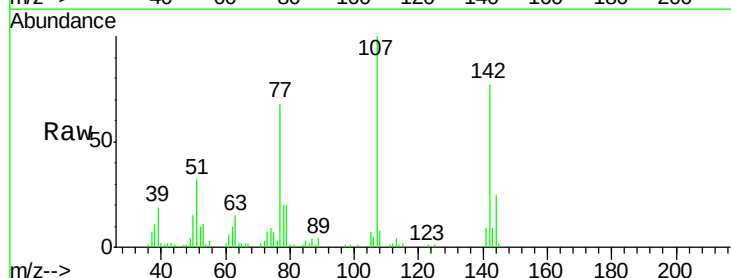
Tgt Ion:107 Resp: 102313

Ion Ratio Lower Upper

107 100

144 25.1 23.3 34.9

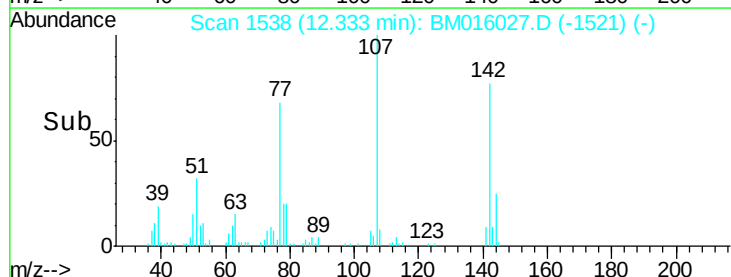
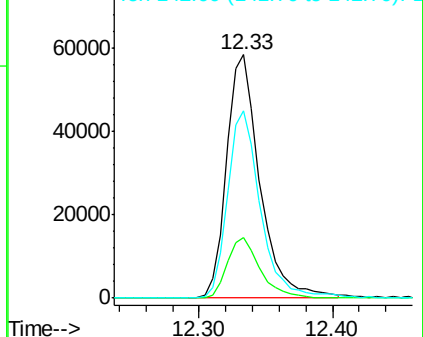
142 76.8 72.6 109.0

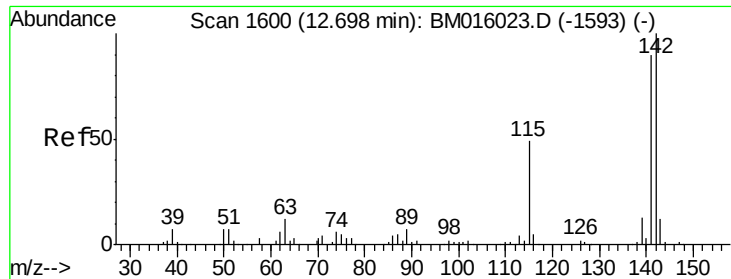


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

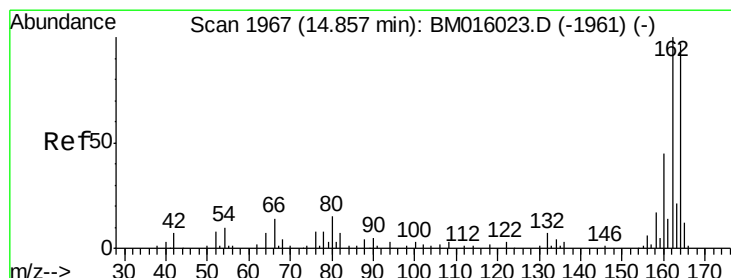
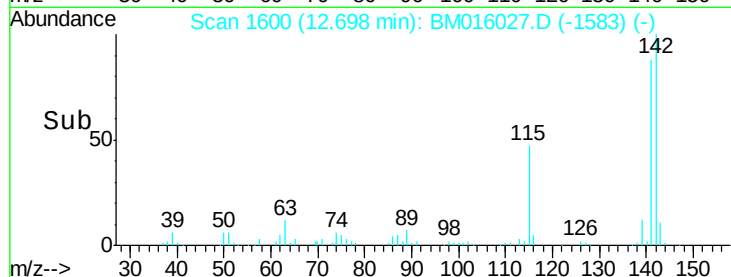
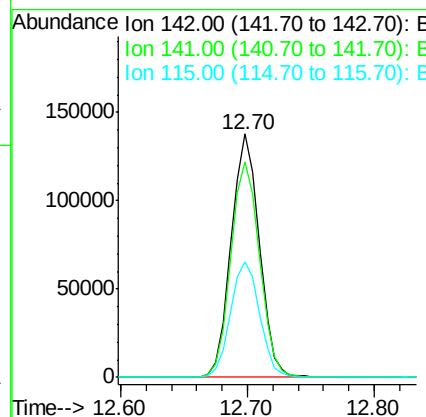
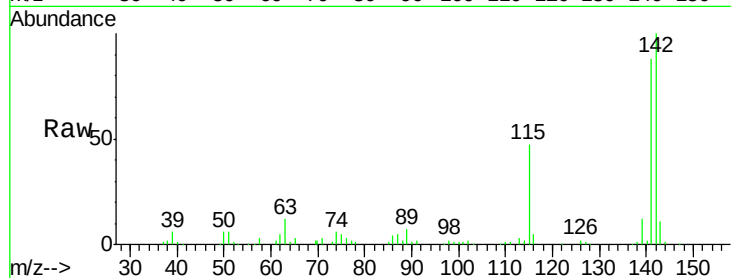




#37
 2-Methylnaphthalene
 Concen: 39.665 ng
 RT: 12.70 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

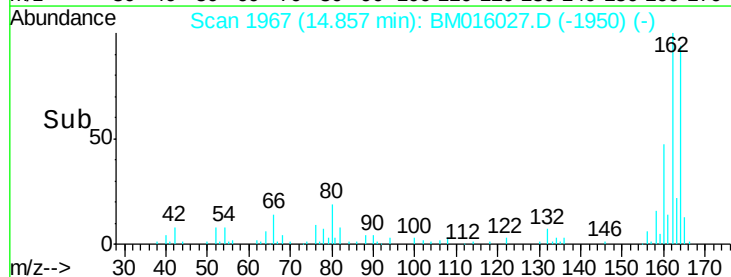
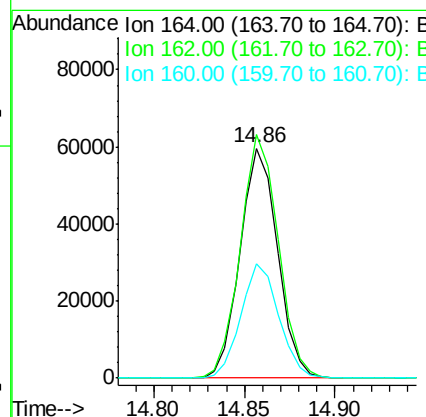
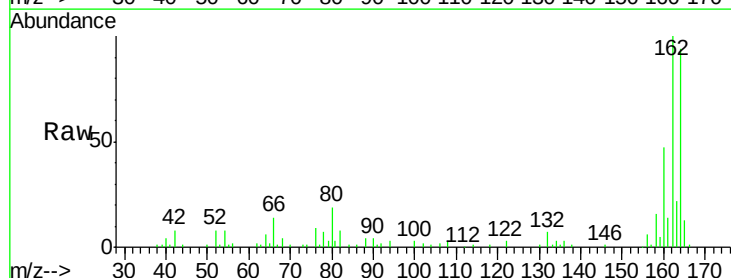
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

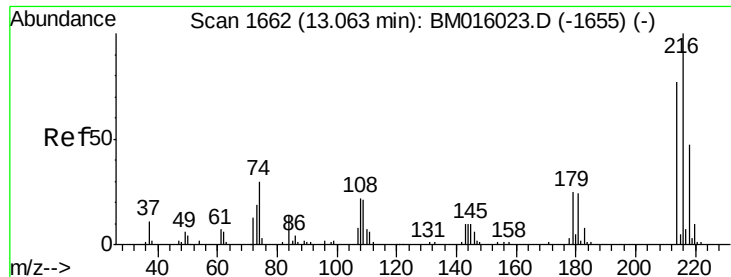
Tgt Ion:142 Resp: 211331
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.9 107.9
 115 47.3 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.86 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Tgt Ion:164 Resp: 85635
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.4 123.6
 160 49.9 35.8 53.6

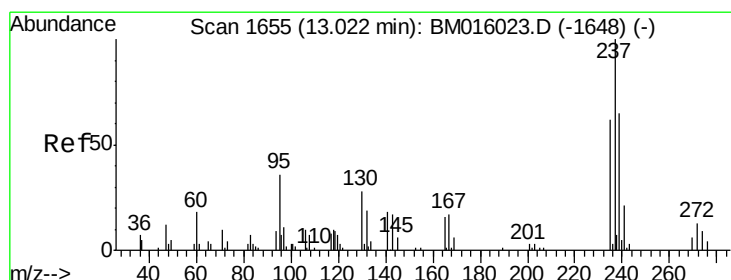
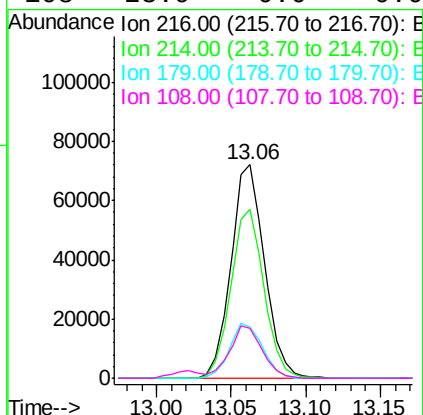
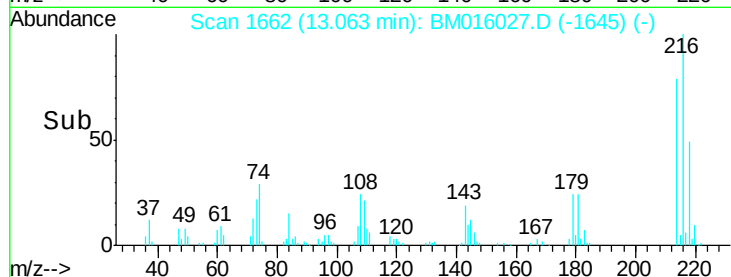
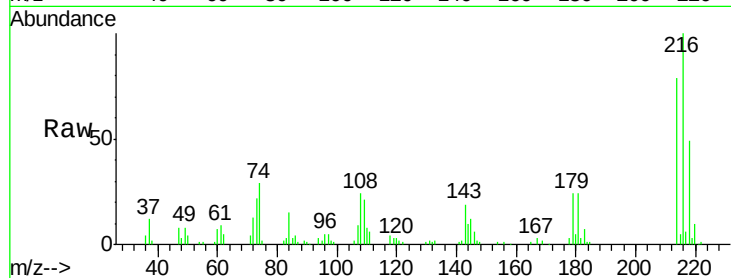




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.799 ng
 RT: 13.06 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

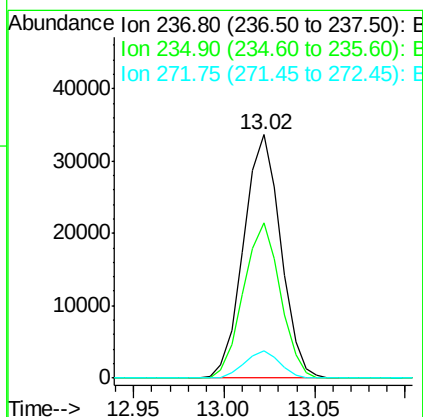
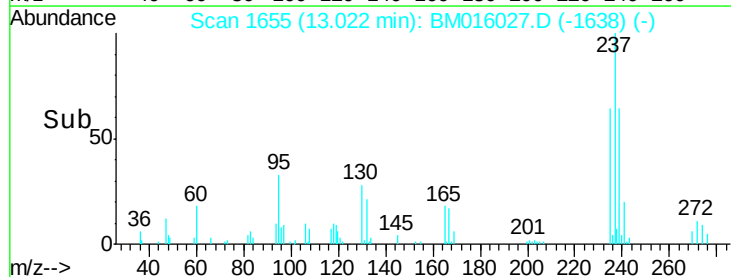
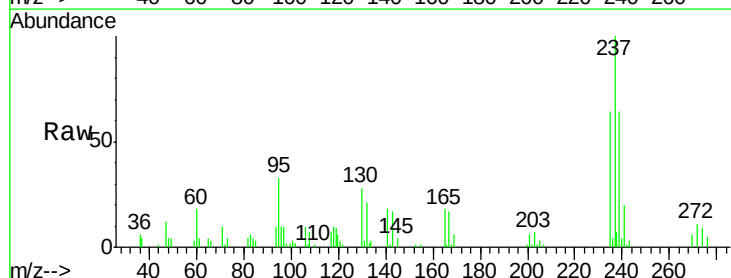
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

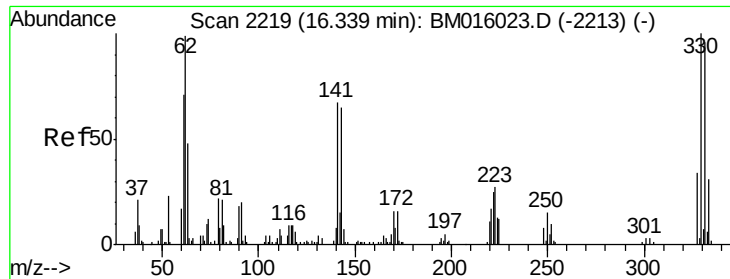
Tgt Ion:	216	Resp:	113117
Ion	Ratio	Lower	Upper
216	100		
214	78.1	0.0	0.0#
179	25.1	0.0	0.0#
108	23.9	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 38.003 ng
 RT: 13.02 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Tgt Ion:	237	Resp:	48009
Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.0	82.0
272	11.0	0.0	33.4

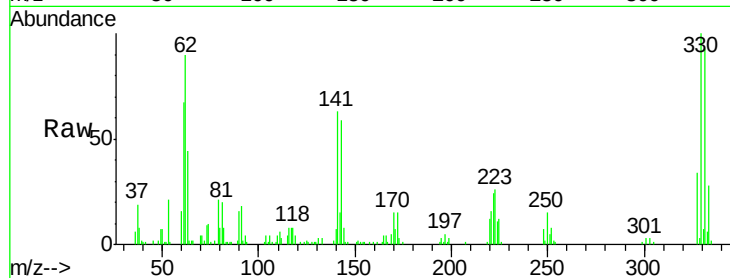




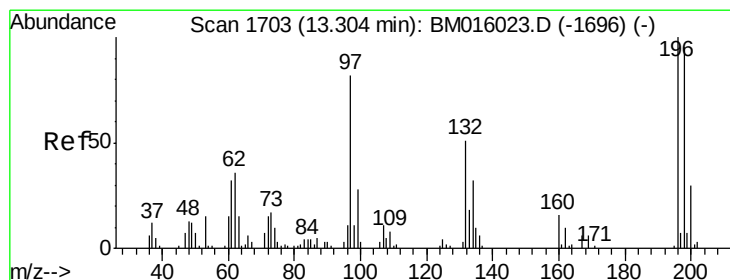
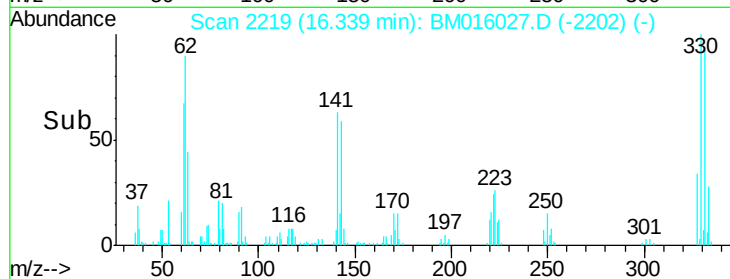
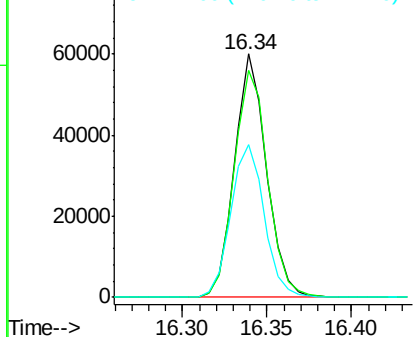
#41
 2,4,6-Tribromophenol
 Concen: 38.003 ng
 RT: 16.34 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

Tgt Ion:330 Resp: 78981
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 65.3 0.0 0.0#

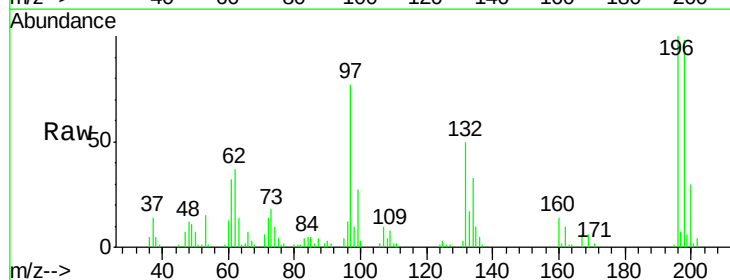


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

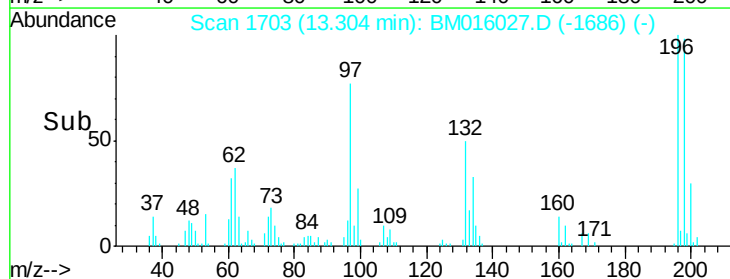
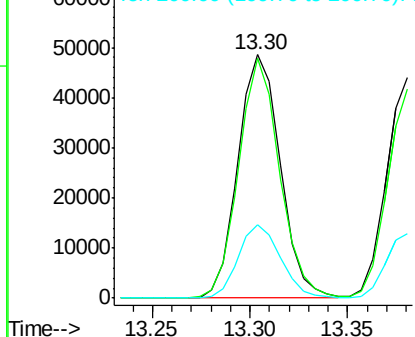


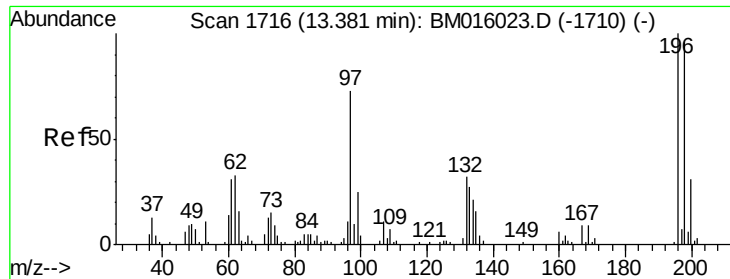
#42
 2,4,6-Trichlorophenol
 Concen: 40.071 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Tgt Ion:196 Resp: 73092
 Ion Ratio Lower Upper
 196 100
 198 98.4 76.3 114.5
 200 29.9 25.6 38.4



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

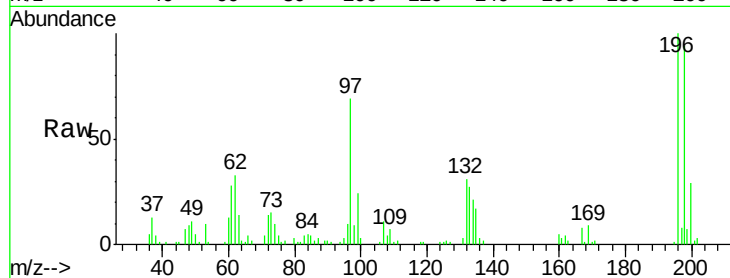




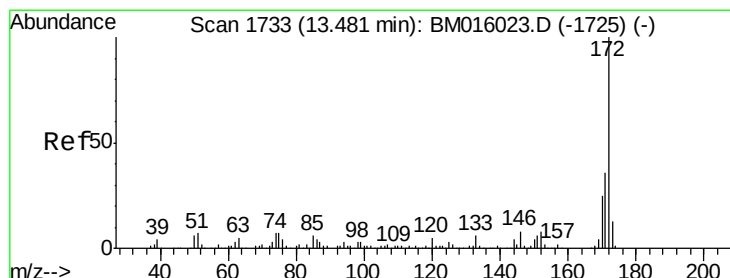
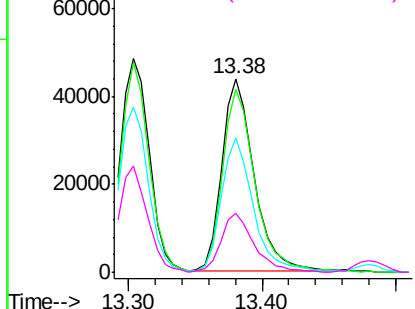
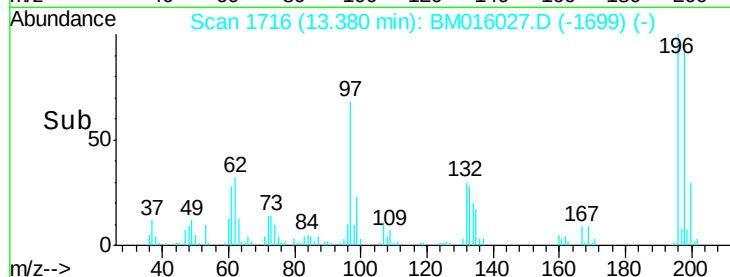
#43
2,4,5-Trichlorophenol
Concen: 38.883 ng
RT: 13.38 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Instrument :
BNA_M
ClientSampleId :
ICVBM072318

Tgt Ion:196 Resp: 73158
Ion Ratio Lower Upper
196 100
198 94.5 79.4 119.0
97 69.2 26.8 40.2#
132 30.5 18.6 28.0#

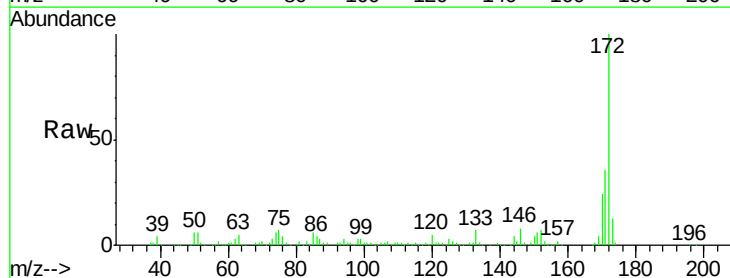


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM
Ion 132.00 (131.70 to 132.70): E

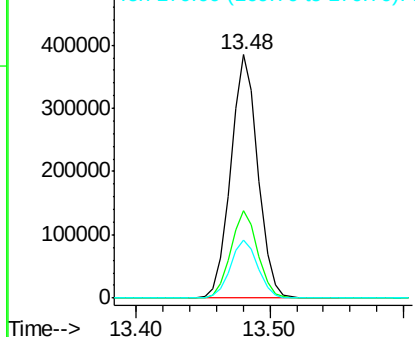
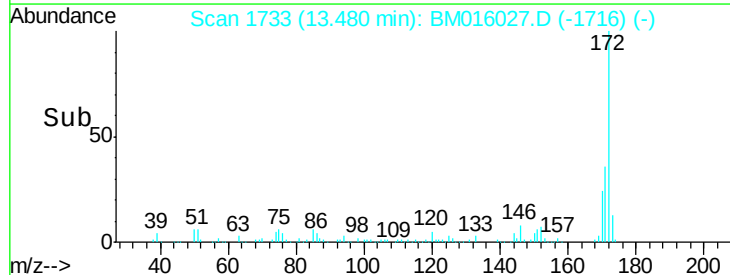


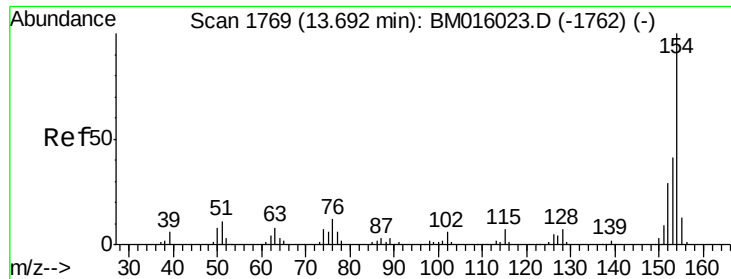
#44
2-Fluorobiphenyl
Concen: 38.883 ng
RT: 13.48 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Tgt Ion:172 Resp: 544112
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.0 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

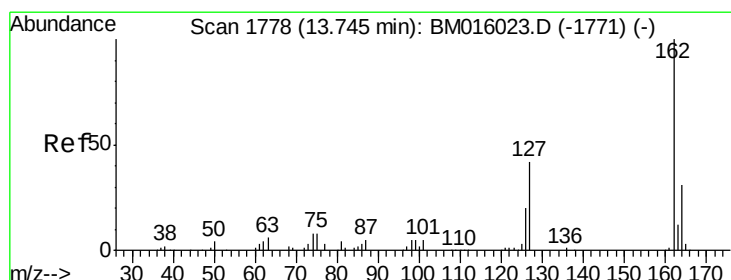
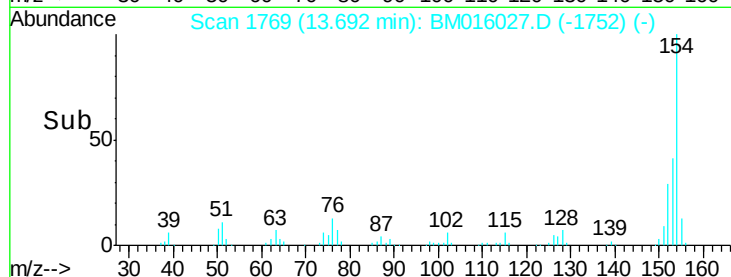
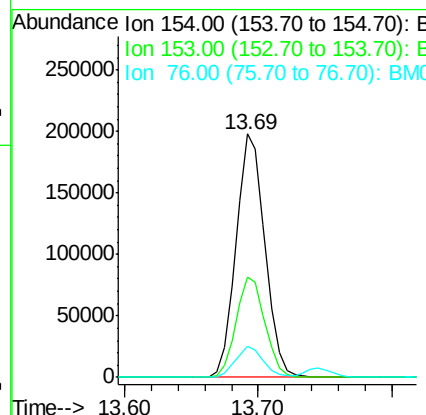
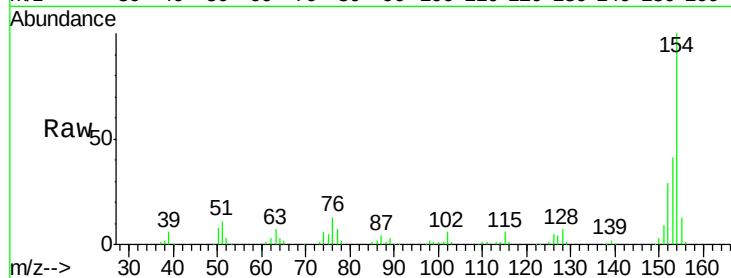




#45
 1,1'-Biphenyl
 Concen: 38.415 ng
 RT: 13.69 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

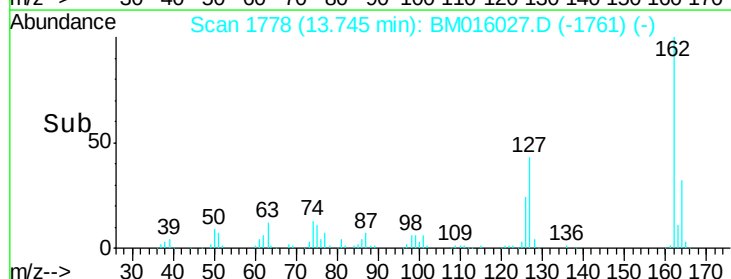
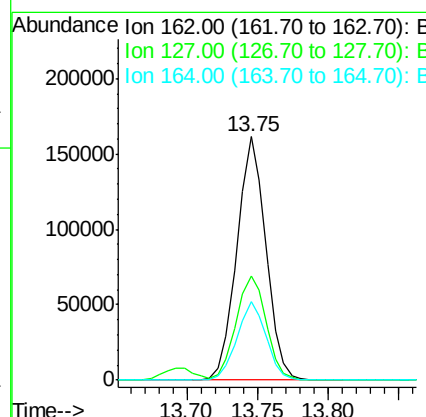
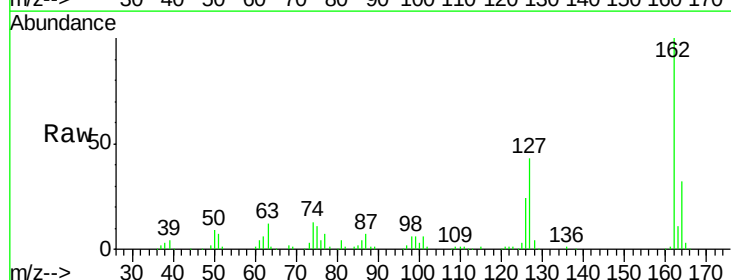
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

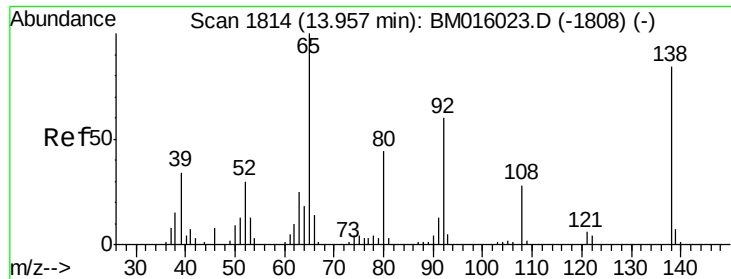
Tgt Ion:	154	Resp:	296887
Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.7	60.7
76	12.8	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 38.488 ng
 RT: 13.75 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Tgt Ion:	162	Resp:	231348
Ion	Ratio	Lower	Upper
162	100		
127	42.6	26.9	40.3#
164	32.2	26.8	40.2





#47

2-Nitroaniline

Concen: 38.015 ng

RT: 13.96 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

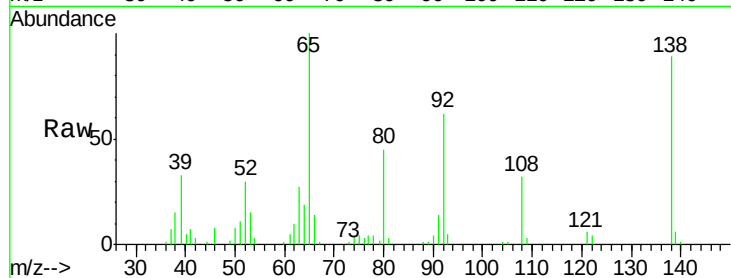
Tgt Ion: 65 Resp: 75545

Ion Ratio Lower Upper

65 100

92 61.8 59.1 88.7

138 88.5 93.9 140.9#

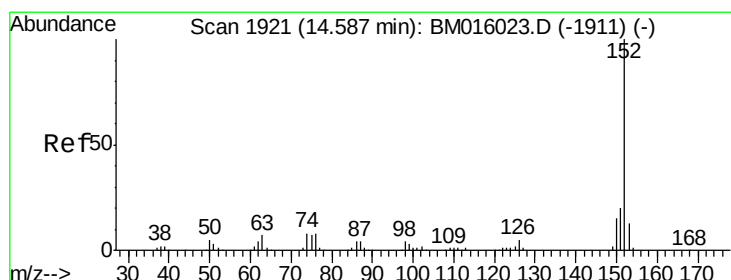
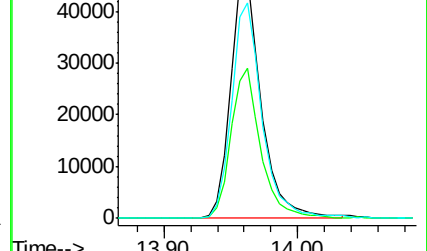
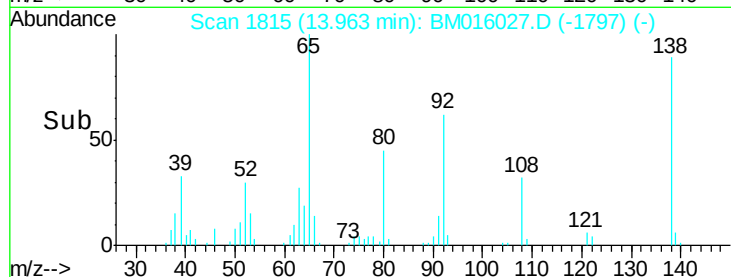


Abundance Ion 65.00 (64.70 to 65.70): BM016027.D (-1808) (-)

Ion 92.00 (91.70 to 92.70): BM016027.D (-1808) (-)

Ion 138.00 (137.70 to 138.70): BM016027.D (-1808) (-)

Time-->



#48

Acenaphthylene

Concen: 38.719 ng

RT: 14.59 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

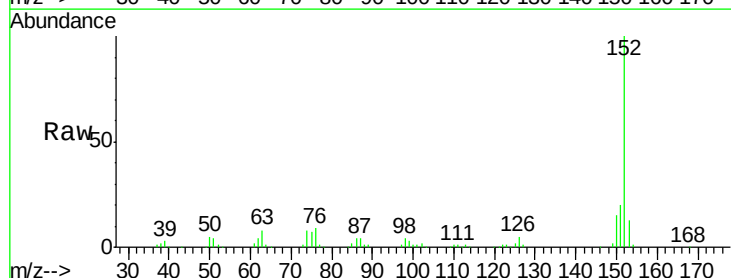
Tgt Ion: 152 Resp: 340709

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 12.9 10.6 16.0

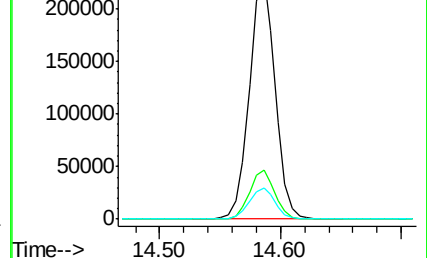
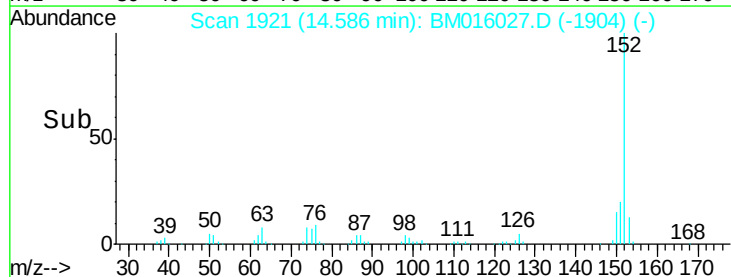


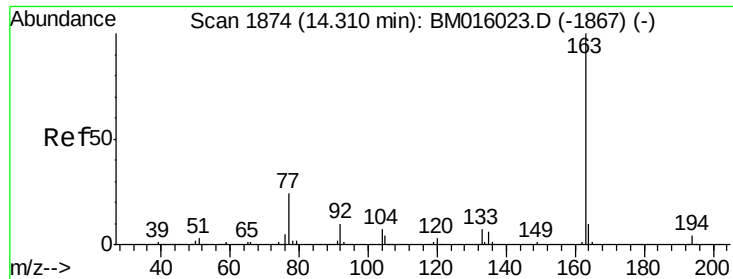
Abundance Ion 152.00 (151.70 to 152.70): BM016027.D (-1904) (-)

Ion 151.00 (150.70 to 151.70): BM016027.D (-1904) (-)

Ion 153.00 (152.70 to 153.70): BM016027.D (-1904) (-)

Time-->





#49

Dimethylphthalate

Concen: 37.878 ng

RT: 14.31 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

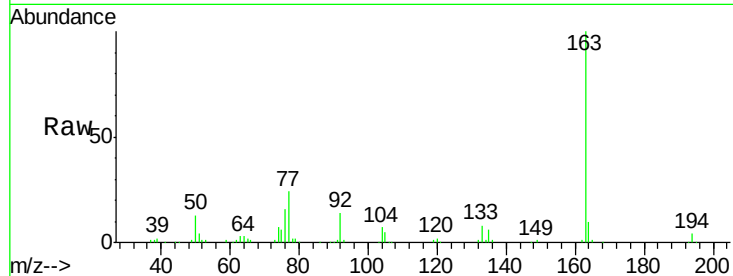
Tgt Ion:163 Resp: 283871

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

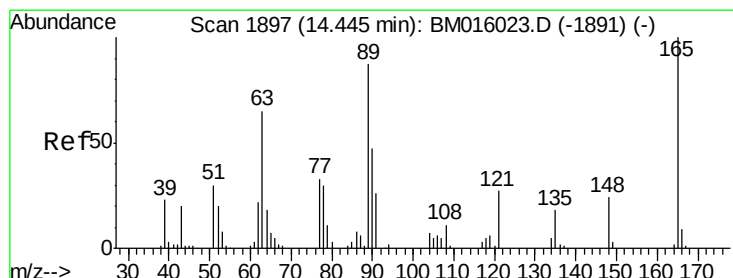
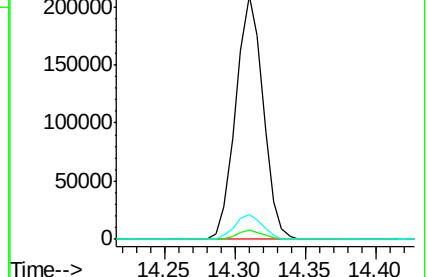
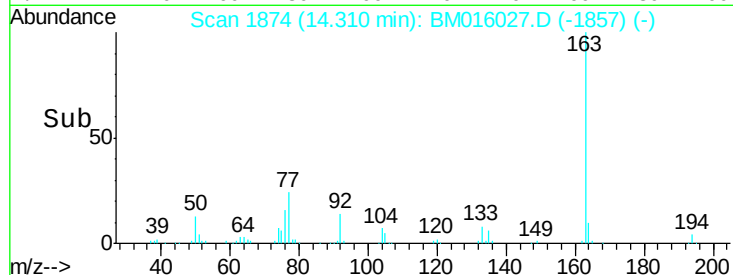
164 10.4 8.2 12.2



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: 39.422 ng

RT: 14.45 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

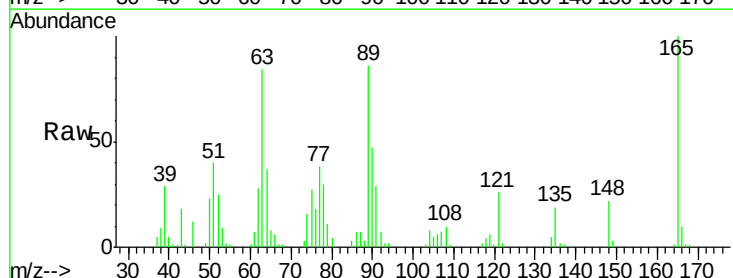
Tgt Ion:165 Resp: 59444

Ion Ratio Lower Upper

165 100

63 83.7 44.1 66.1#

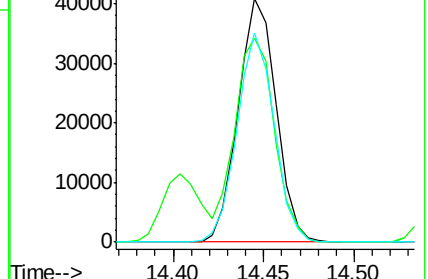
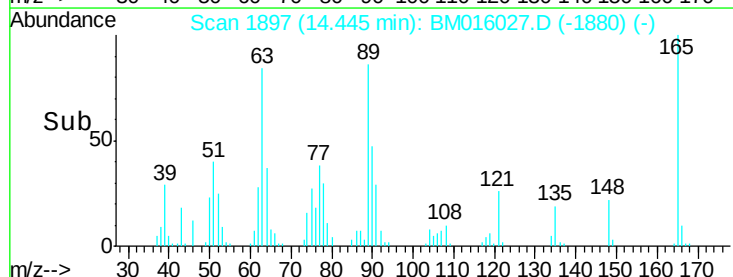
89 86.1 44.3 66.5#

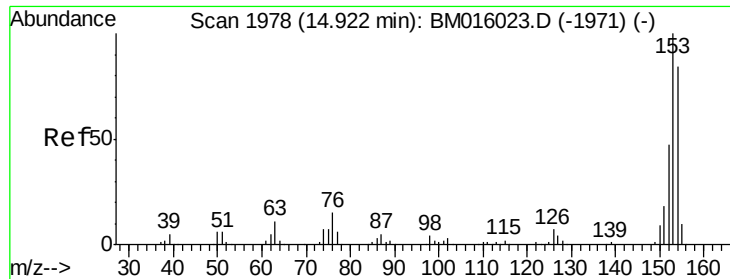


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 37.741 ng

RT: 14.92 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

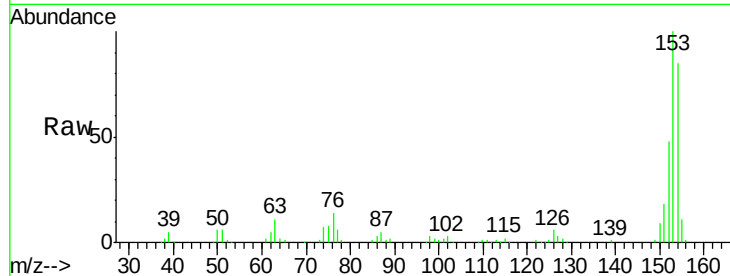
Tgt Ion:154 Resp: 204253

Ion Ratio Lower Upper

154 100

153 117.6 90.0 135.0

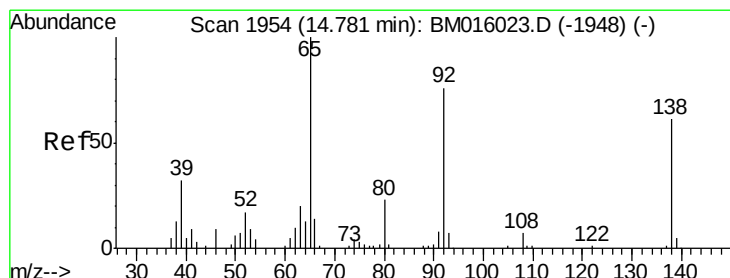
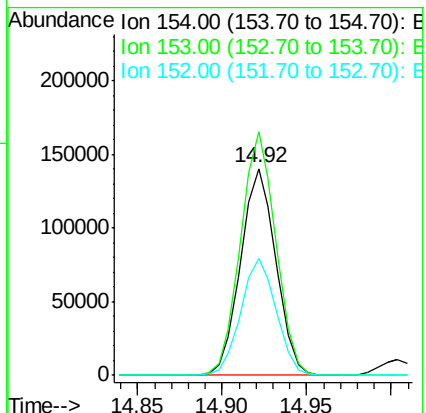
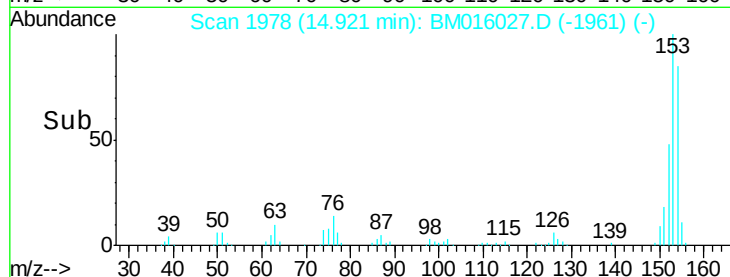
152 56.2 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.204 ng

RT: 14.78 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

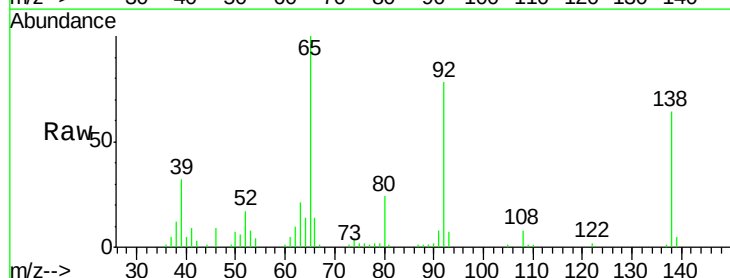
Tgt Ion:138 Resp: 60595

Ion Ratio Lower Upper

138 100

108 12.0 7.3 10.9#

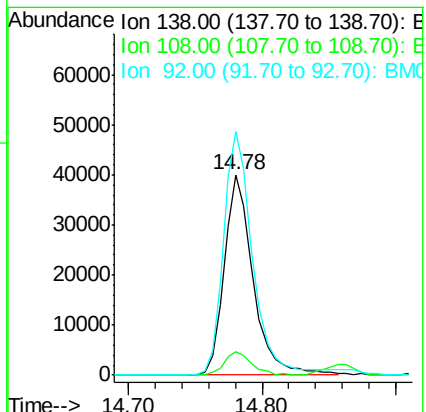
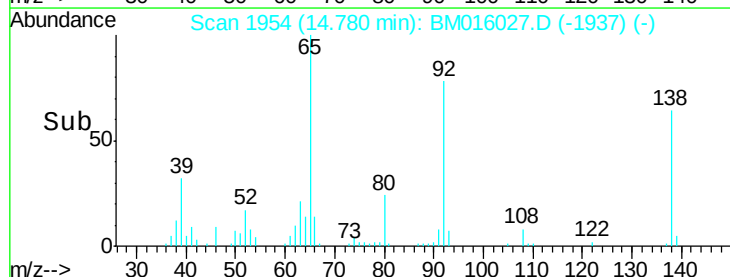
92 121.6 76.6 114.8#

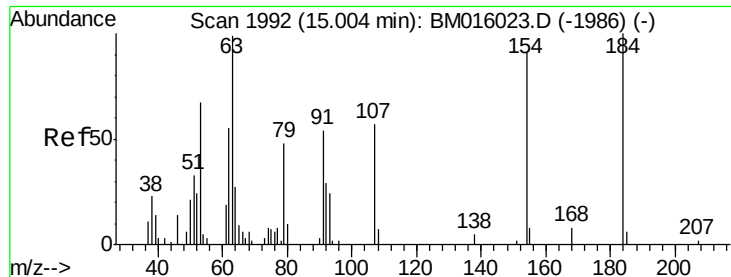


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

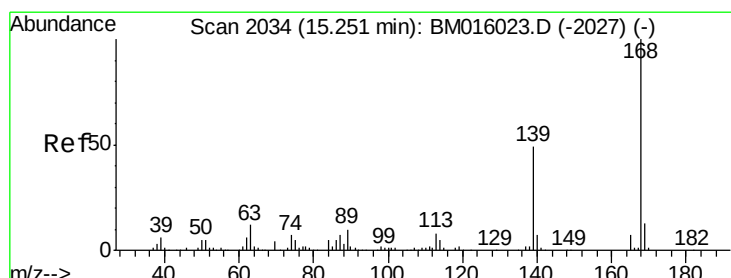
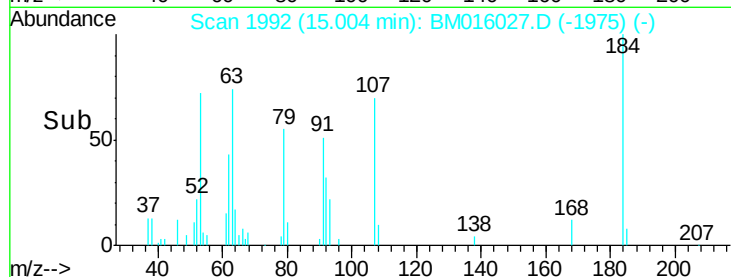
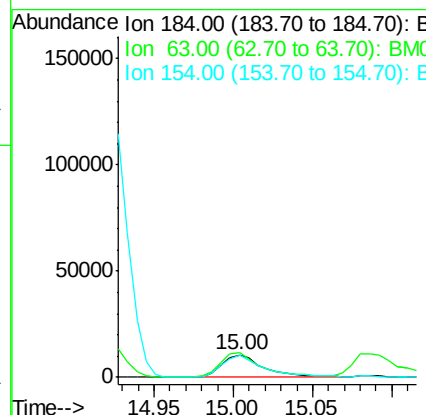
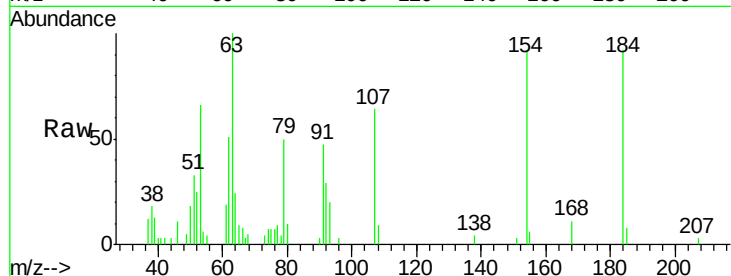




#53
2,4-Dinitrophenol
Concen: 34.113 ng
RT: 15.00 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

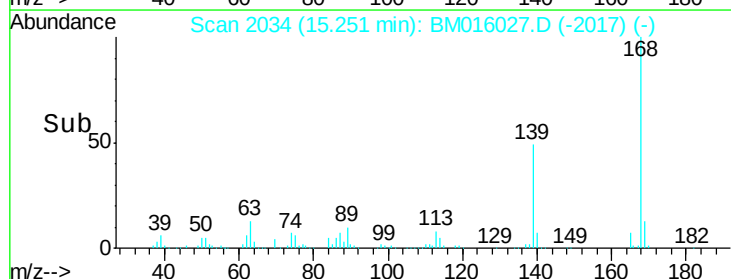
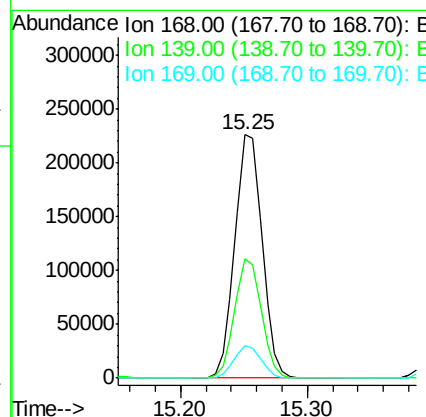
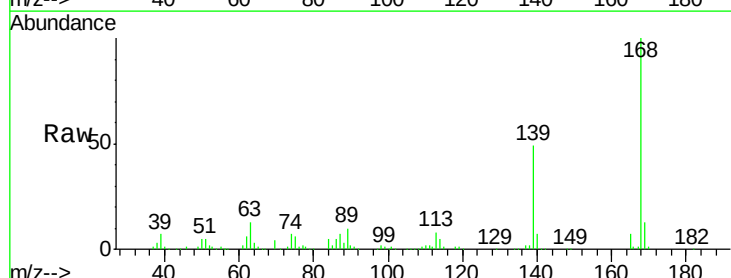
Instrument :
BNA_M
ClientSampleId :
ICVBM072318

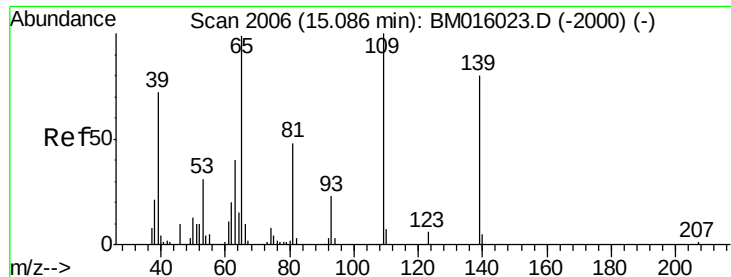
Tgt Ion:184 Resp: 19627
Ion Ratio Lower Upper
184 100
63 109.3 69.2 103.8#
154 100.0 53.3 79.9#



#54
Dibenzofuran
Concen: 37.768 ng
RT: 15.25 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Tgt Ion:168 Resp: 336829
Ion Ratio Lower Upper
168 100
139 49.2 27.3 40.9#
169 13.4 10.6 16.0

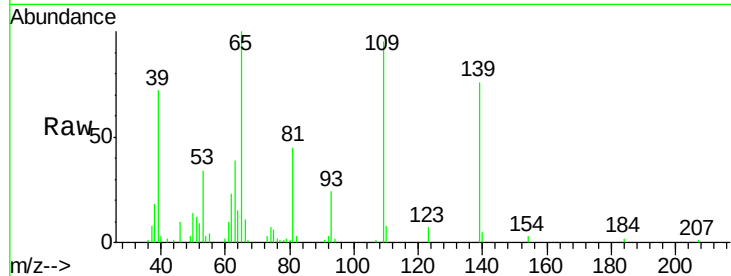




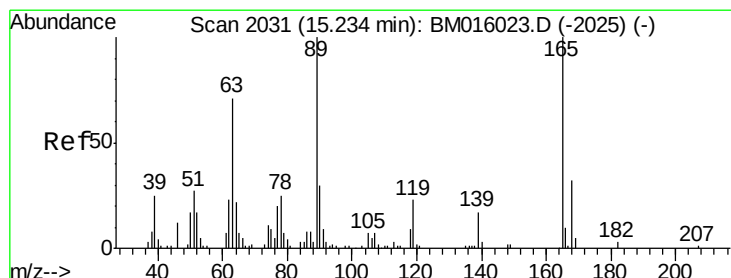
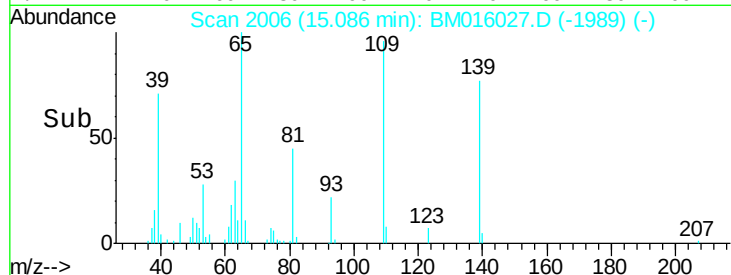
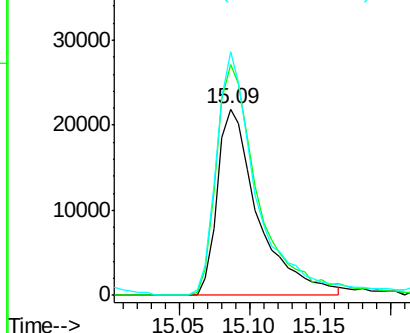
#55
4-Nitrophenol
Concen: 37.896 ng
RT: 15.09 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Instrument :
BNA_M
ClientSampleId :
ICVBM072318

Tgt Ion:139 Resp: 44246
Ion Ratio Lower Upper
139 100
109 123.8 130.0 170.0#
65 130.9 130.0 170.0

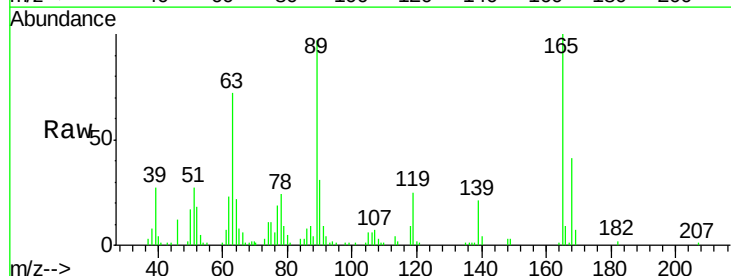


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

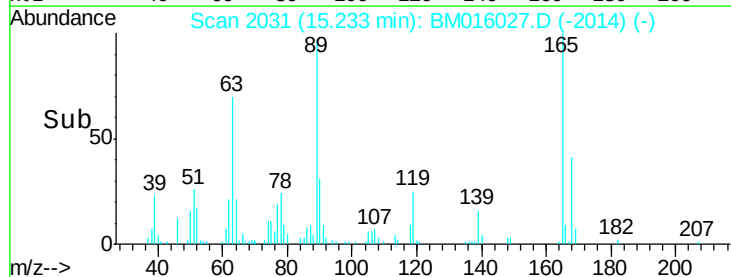
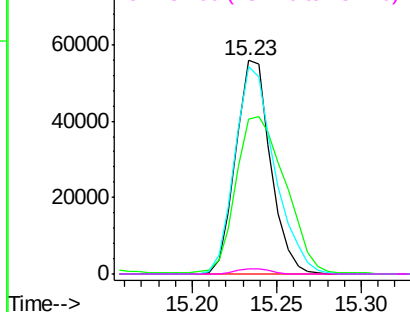


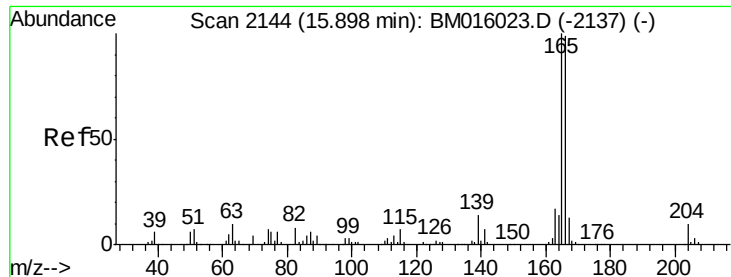
#56
2,4-Dinitrotoluene
Concen: 37.286 ng
RT: 15.23 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Tgt Ion:165 Resp: 80393
Ion Ratio Lower Upper
165 100
63 72.4 52.4 78.6
89 96.9 72.4 108.6
182 2.4 2.0 3.0



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
Ion 182.00 (181.70 to 182.70): E

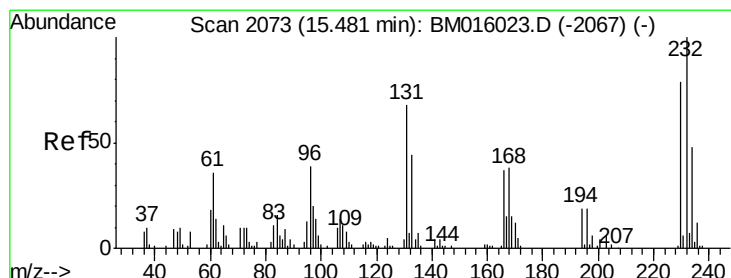
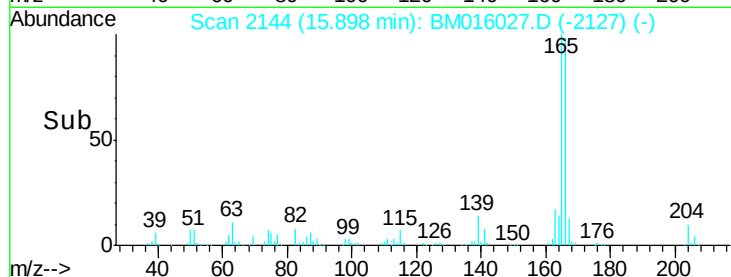
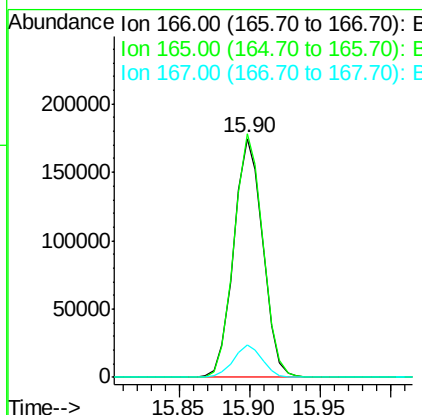
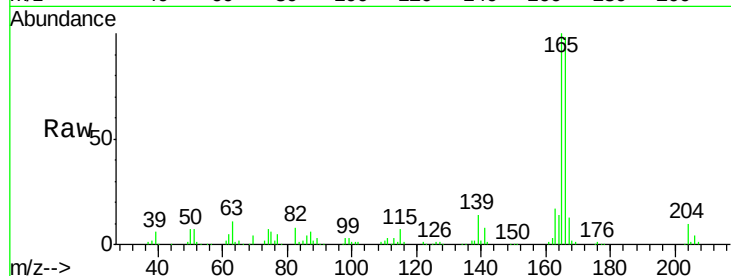




#57
 Fluorene
 Concen: 37.666 ng
 RT: 15.90 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

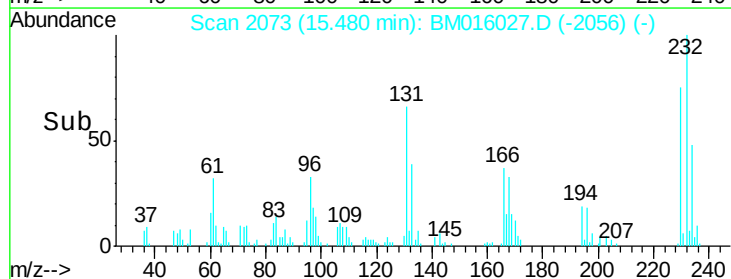
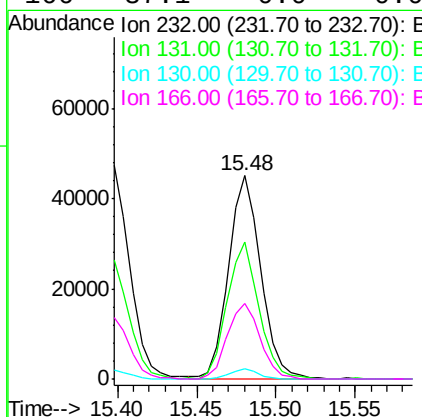
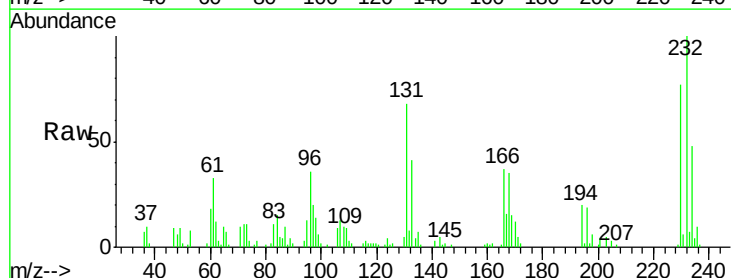
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

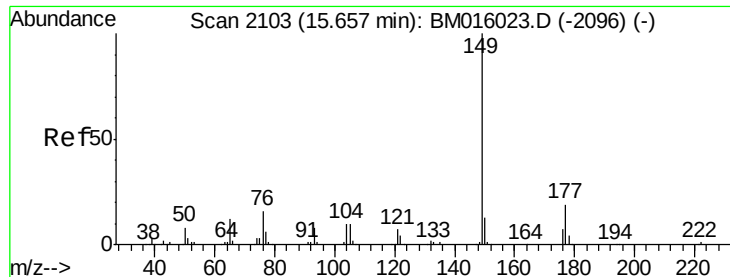
Tgt Ion:166 Resp: 249619
 Ion Ratio Lower Upper
 166 100
 165 102.0 79.0 118.4
 167 13.7 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.335 ng
 RT: 15.48 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Tgt Ion:232 Resp: 63614
 Ion Ratio Lower Upper
 232 100
 131 66.4 0.0 0.0#
 130 4.5 0.0 0.0#
 166 37.1 0.0 0.0#





#59

Diethylphthalate

Concen: 38.013 ng

RT: 15.66 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

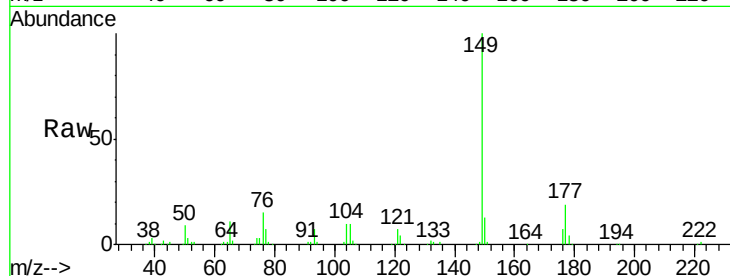
Tgt Ion:149 Resp: 307060

Ion Ratio Lower Upper

149 100

177 19.4 18.3 27.5

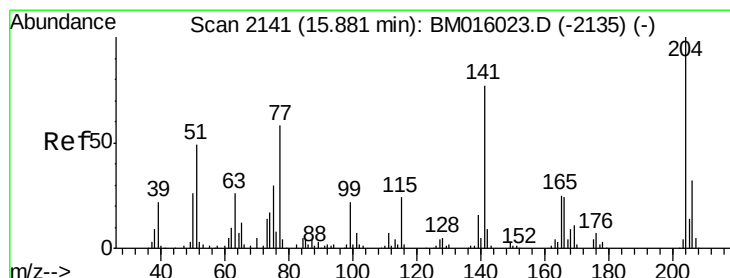
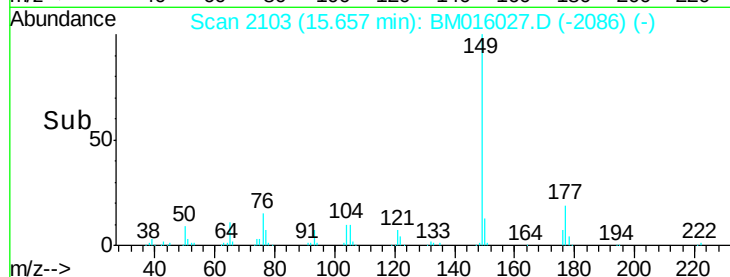
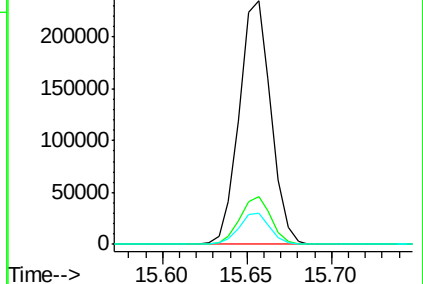
150 12.7 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.245 ng

RT: 15.88 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

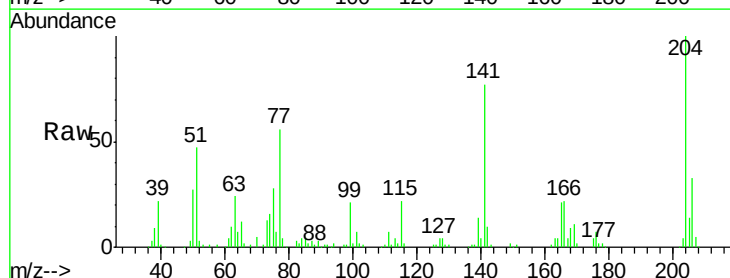
Tgt Ion:204 Resp: 137405

Ion Ratio Lower Upper

204 100

206 32.5 26.6 39.8

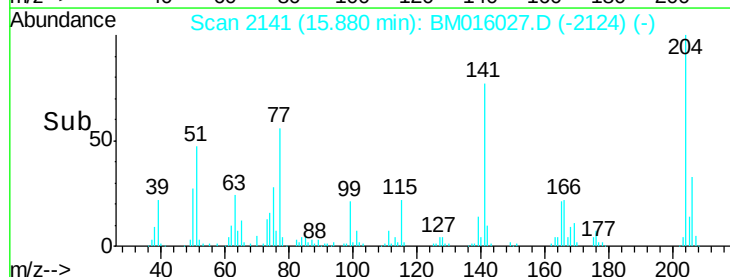
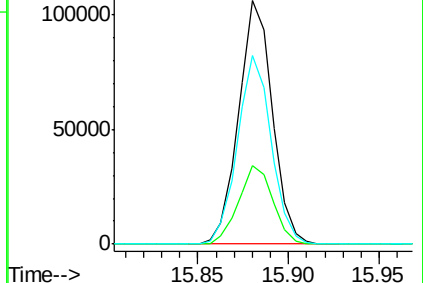
141 77.4 45.2 67.8#

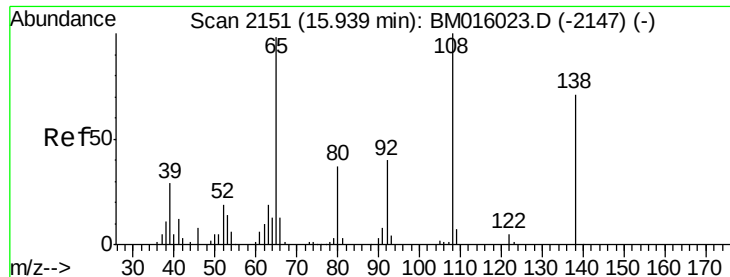


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.775 ng

RT: 15.94 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

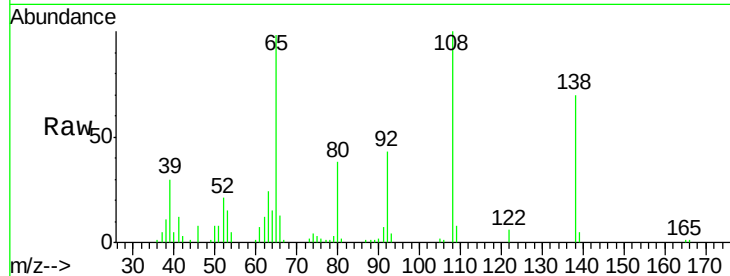
Tgt Ion:138 Resp: 55904

Ion Ratio Lower Upper

138 100

92 60.5 16.7 56.7#

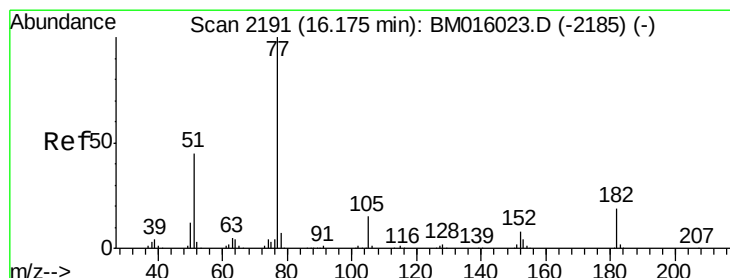
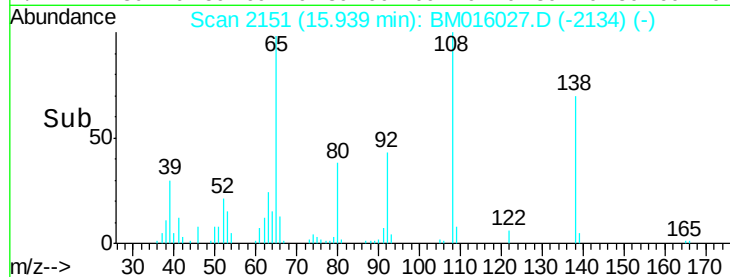
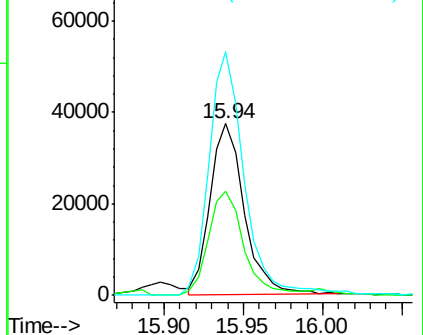
108 142.1 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.759 ng

RT: 16.17 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Tgt Ion: 77 Resp: 329727

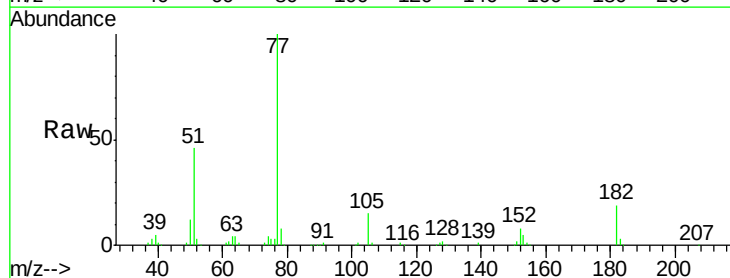
Ion Ratio Lower Upper

77 100

182 19.2 6.5 46.5

105 15.2 3.8 43.8

51 45.9 5.5 45.5#

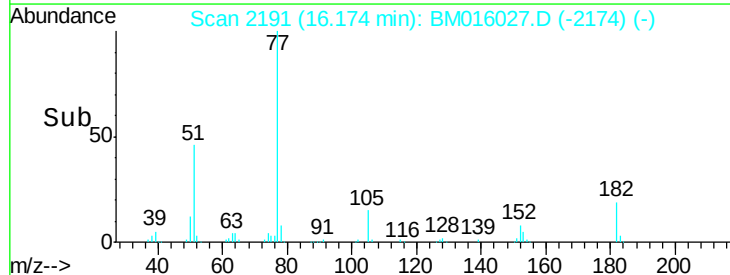
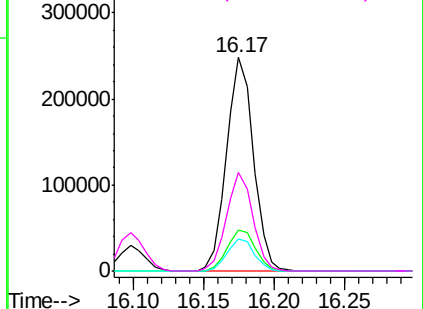


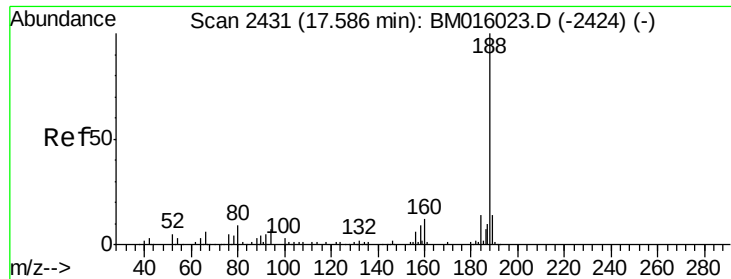
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

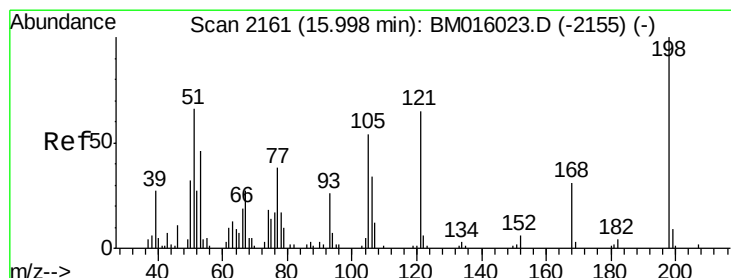
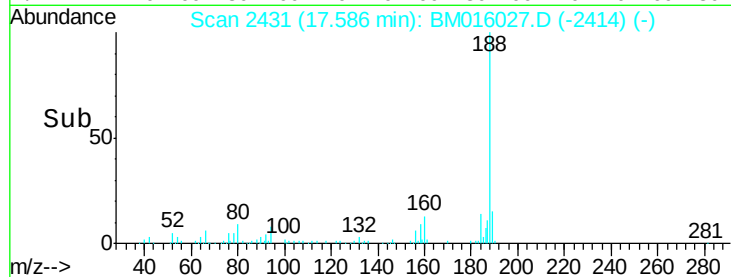
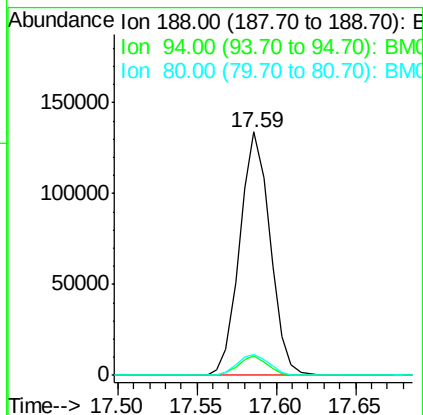
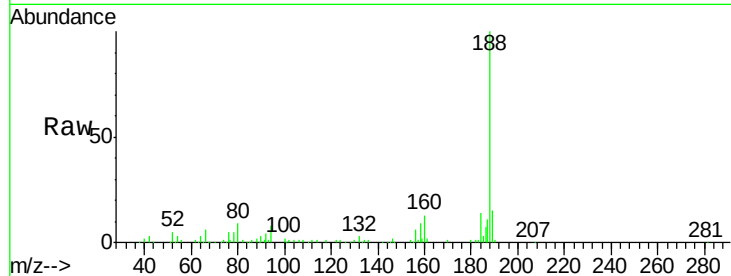




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.59 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

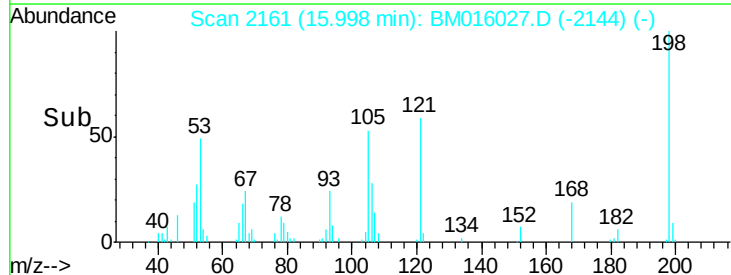
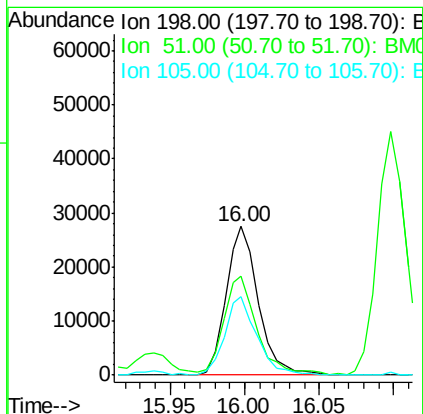
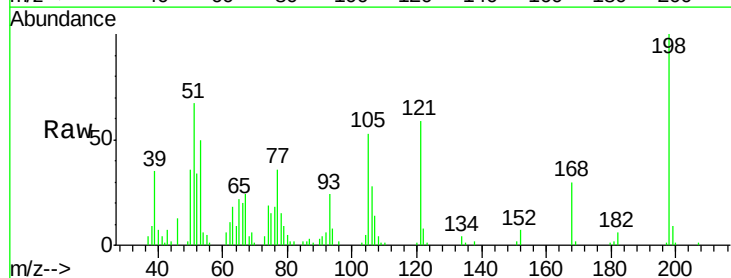
Instrument :
BNA_M
ClientSampleId :
ICVBM072318

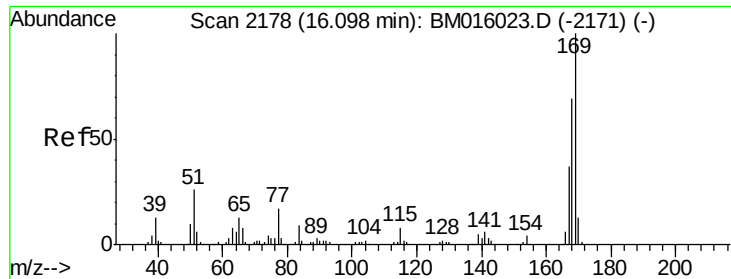
Tgt Ion:188 Resp: 178482
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 8.8 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 38.103 ng
RT: 16.00 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Tgt Ion:198 Resp: 41278
Ion Ratio Lower Upper
198 100
51 66.8 28.8 68.8
105 53.0 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 39.451 ng

RT: 16.10 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

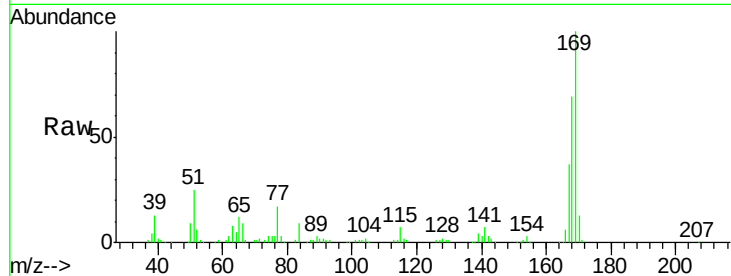
Tgt Ion:169 Resp: 231859

Ion Ratio Lower Upper

169 100

168 69.4 53.9 80.9

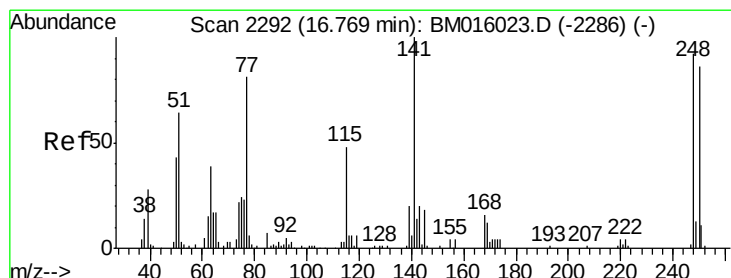
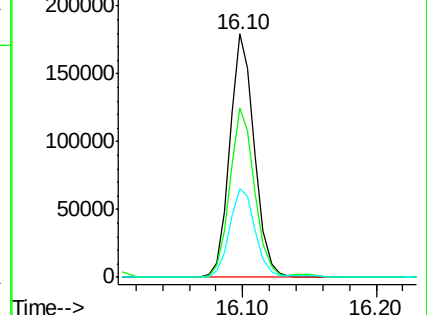
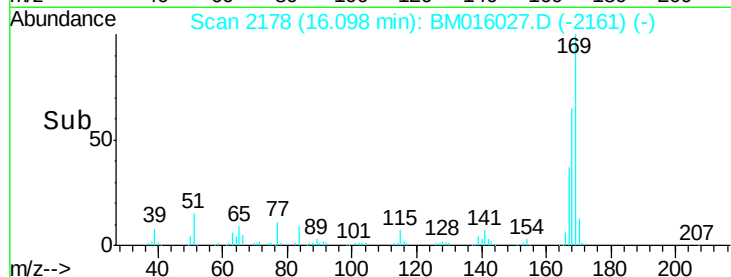
167 36.5 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.384 ng

RT: 16.77 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

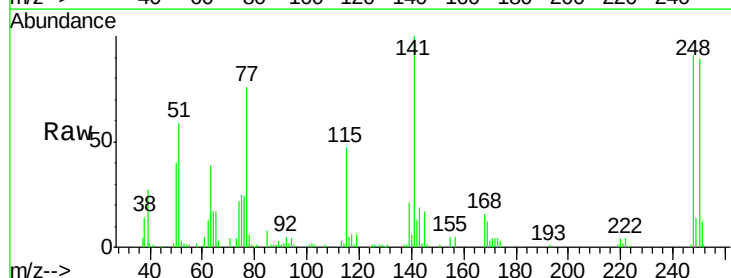
Tgt Ion:248 Resp: 79596

Ion Ratio Lower Upper

248 100

250 98.1 77.4 116.0

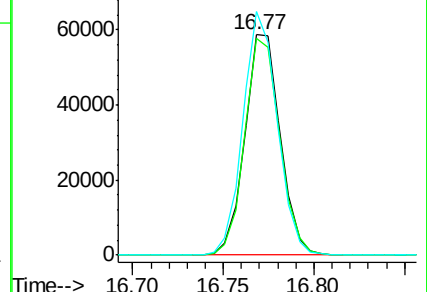
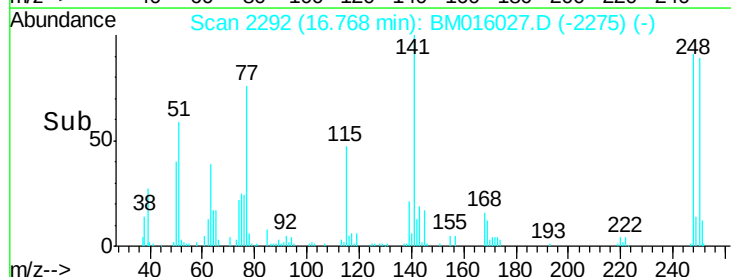
141 110.4 45.2 67.8#

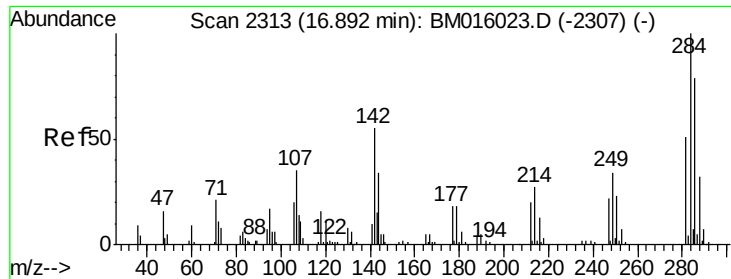


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.709 ng

RT: 16.89 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

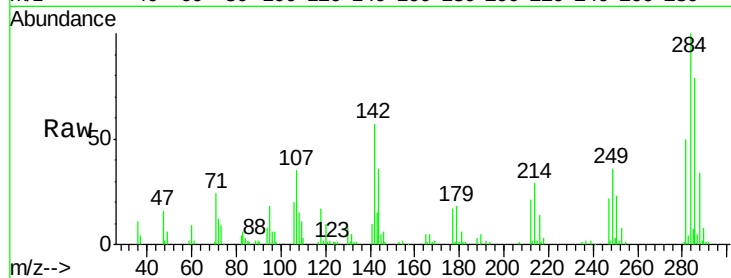
Tgt Ion:284 Resp: 86153

Ion Ratio Lower Upper

284 100

142 57.1 20.4 30.6#

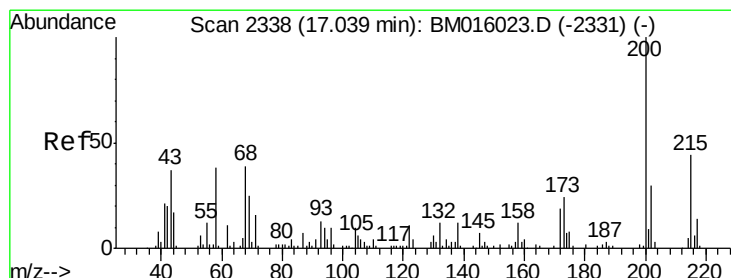
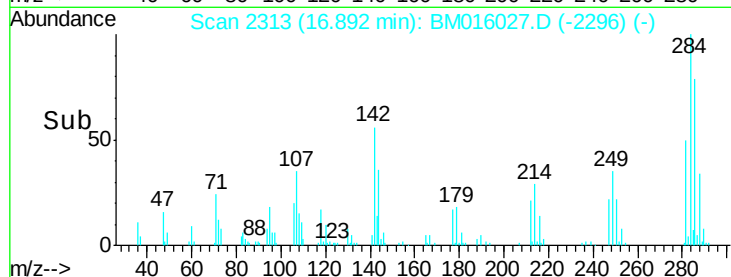
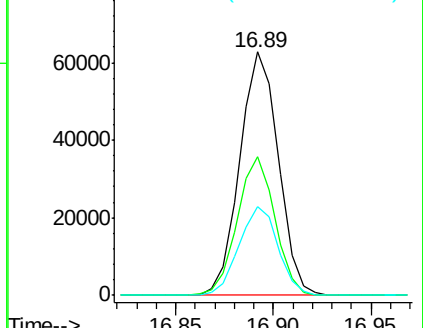
249 36.4 23.8 35.6#



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: 39.564 ng

RT: 17.03 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

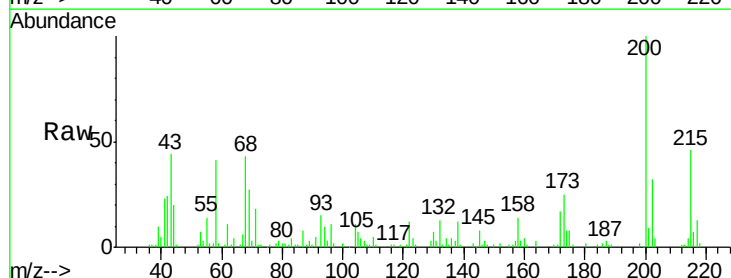
Tgt Ion:200 Resp: 83337

Ion Ratio Lower Upper

200 100

173 25.1 4.8 44.8

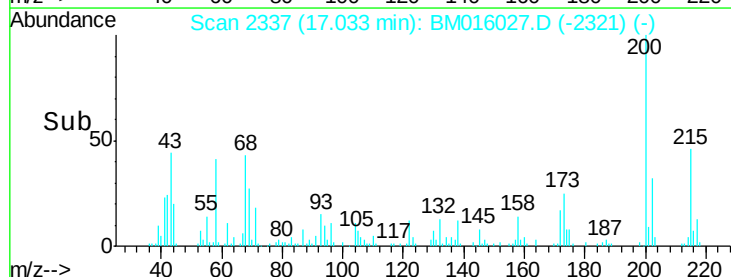
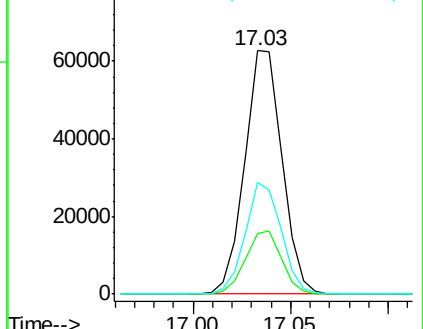
215 45.8 26.9 66.9

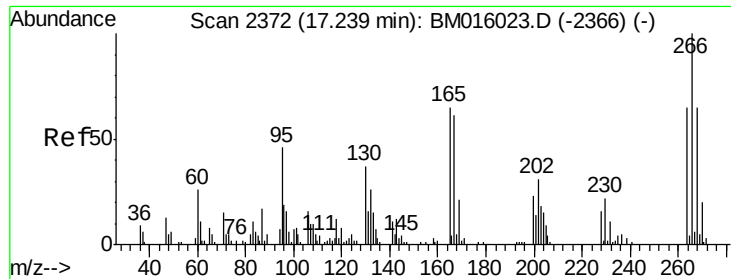


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 37.751 ng

RT: 17.24 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

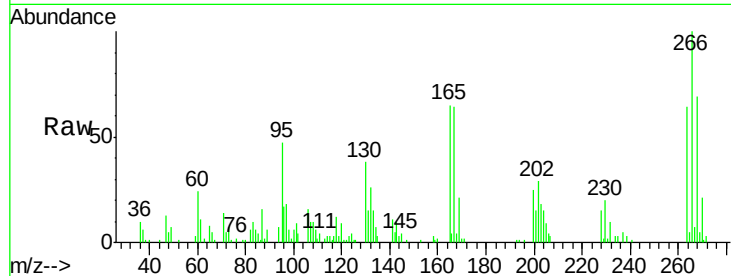
Tgt Ion:266 Resp: 52028

Ion Ratio Lower Upper

266 100

268 68.7 52.0 78.0

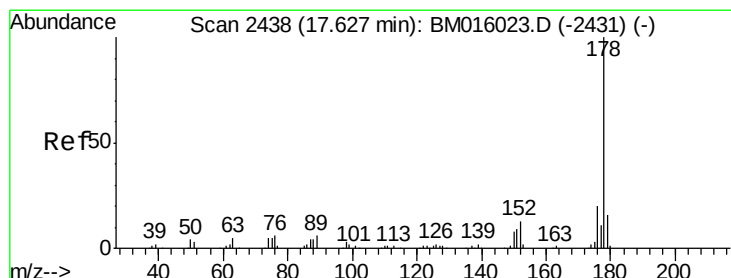
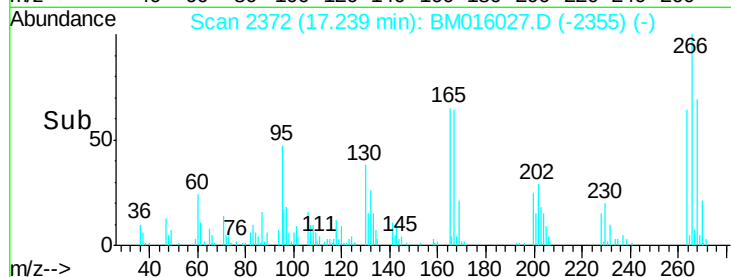
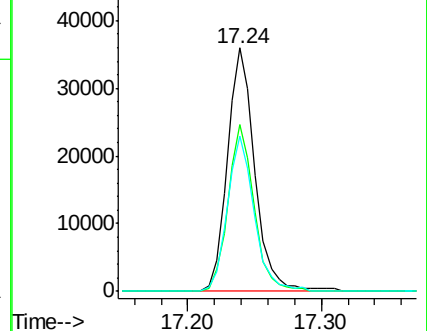
264 64.0 49.0 73.4



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: 38.214 ng

RT: 17.63 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

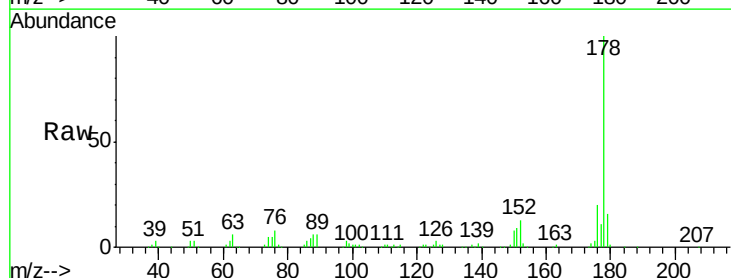
Tgt Ion:178 Resp: 381850

Ion Ratio Lower Upper

178 100

176 20.2 15.2 22.8

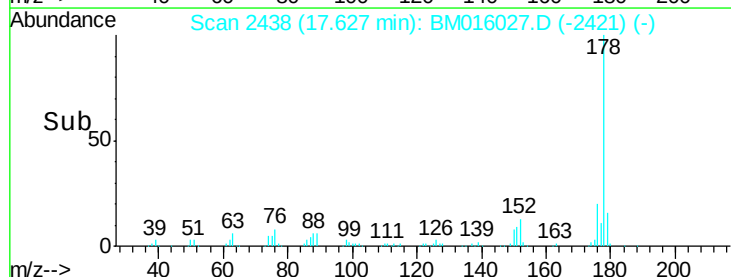
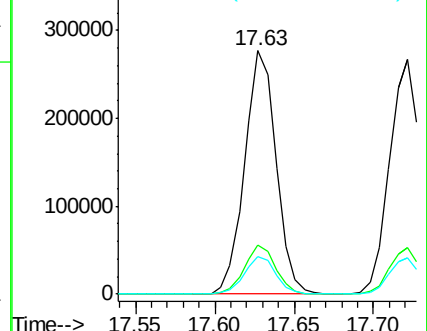
179 15.5 12.1 18.1

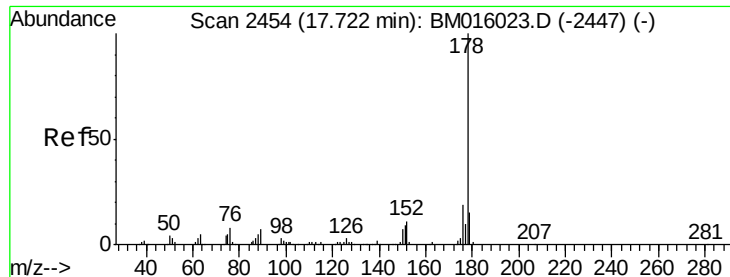


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

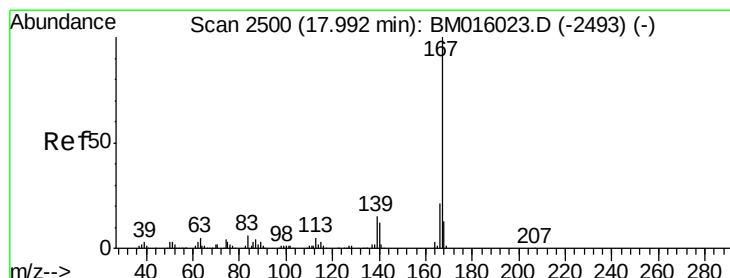
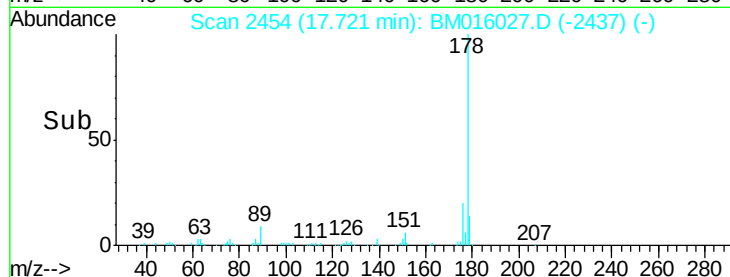
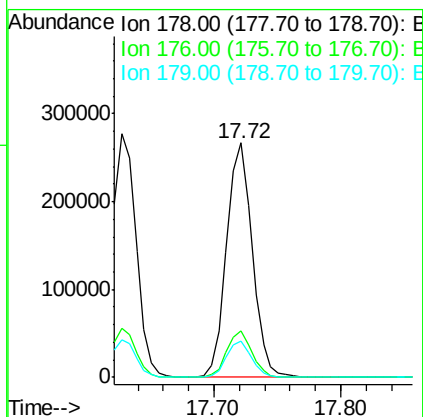
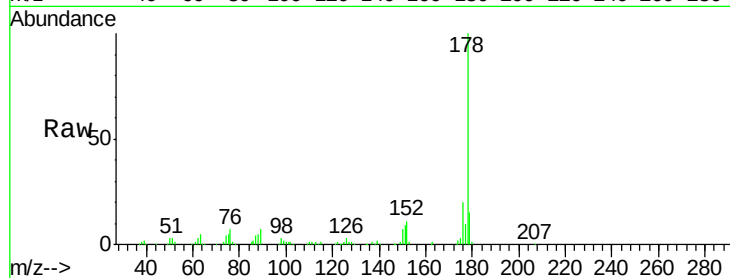




#71
 Anthracene
 Concen: 38.479 ng
 RT: 17.72 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

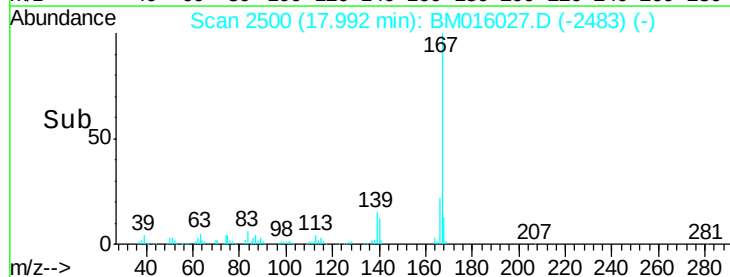
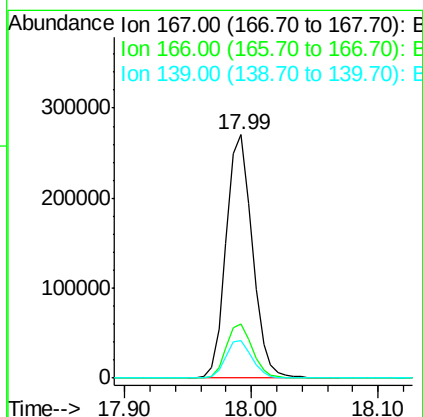
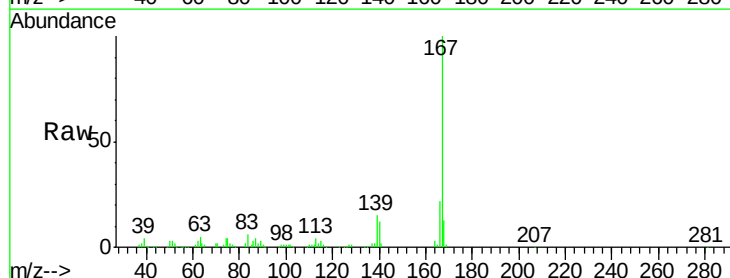
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

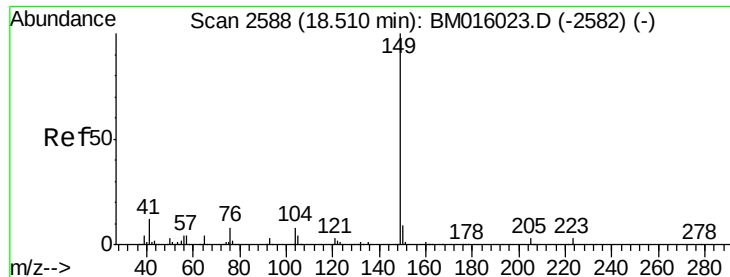
Tgt Ion:178 Resp: 373697
 Ion Ratio Lower Upper
 178 100
 176 19.9 14.6 22.0
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 38.585 ng
 RT: 17.99 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Tgt Ion:167 Resp: 388203
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.2 25.8
 139 15.4 10.8 16.2

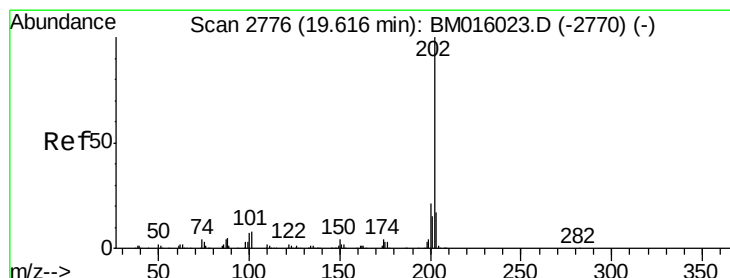
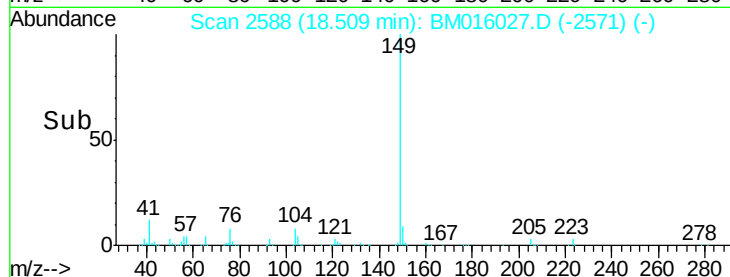
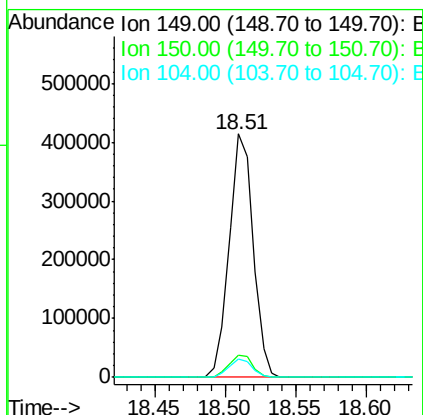
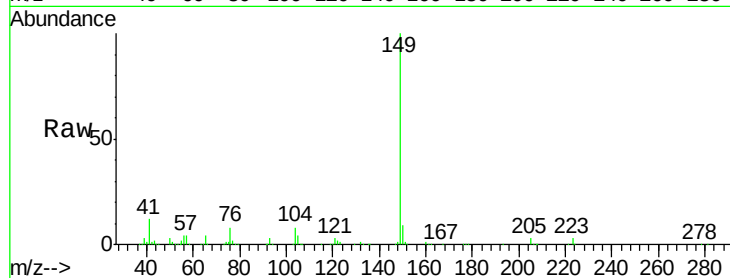




#73
Di-n-butylphthalate
Concen: 39.113 ng
RT: 18.51 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

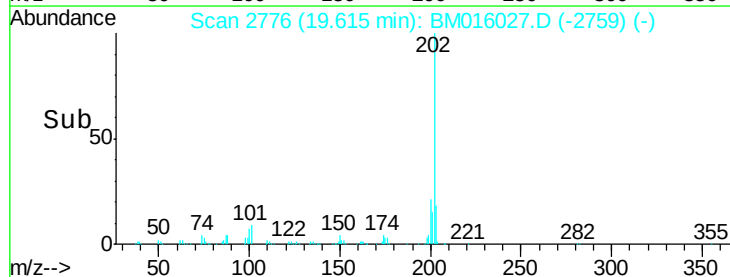
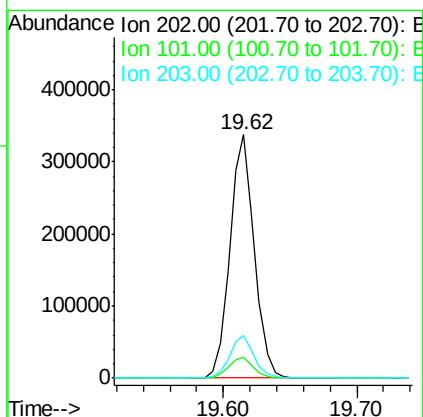
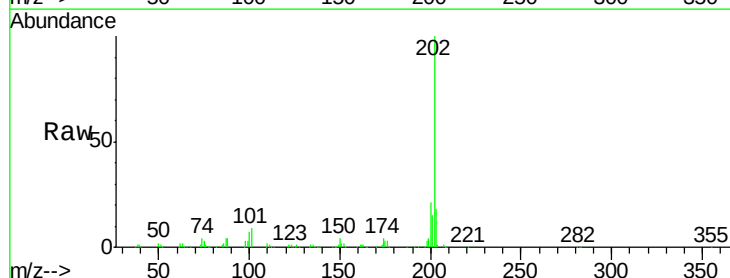
Instrument :
BNA_M
ClientSampleId :
ICVBM072318

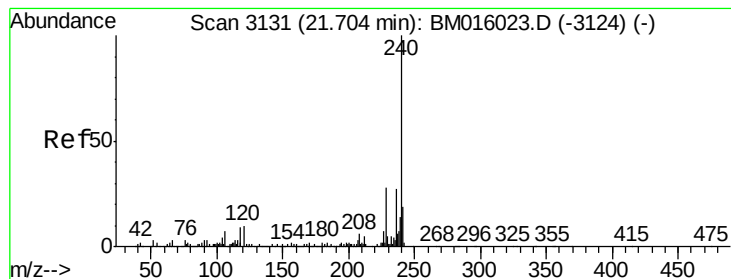
Tgt Ion:149 Resp: 490355
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 7.7 3.7 5.5#



#74
Fluoranthene
Concen: 38.503 ng
RT: 19.62 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BM016027.D
Acq: 23 Jul 2018 15:55

Tgt Ion:202 Resp: 429171
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.7
203 17.6 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

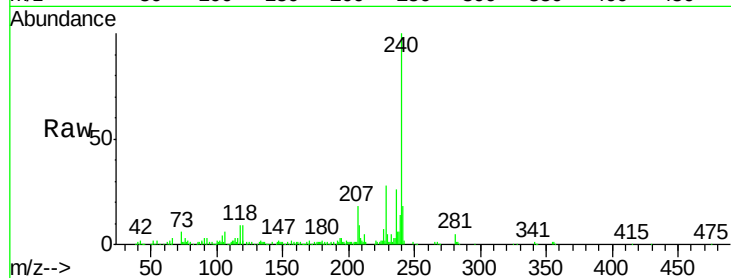
Tgt Ion:240 Resp: 197124

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

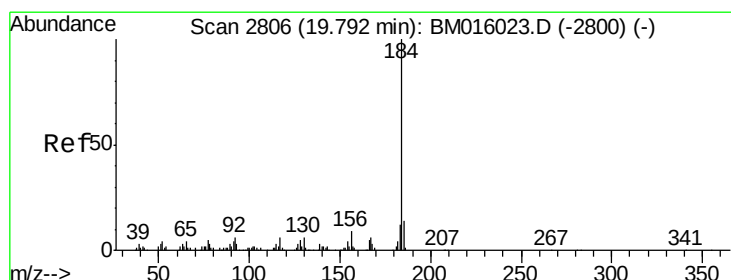
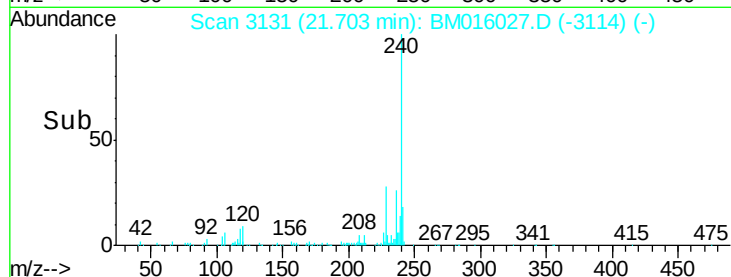
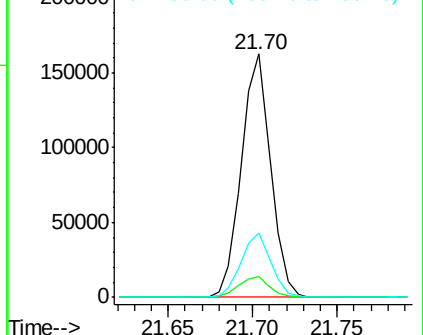
236 26.3 20.0 30.0



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: 40.097 ng

RT: 19.79 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

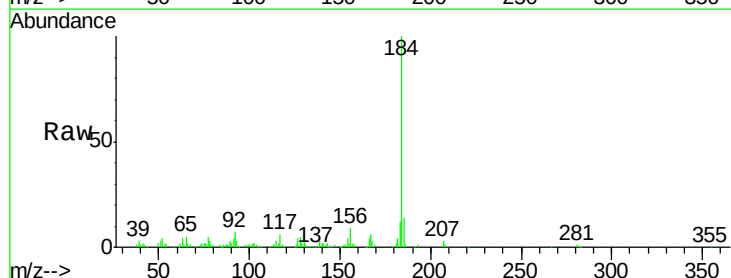
Tgt Ion:184 Resp: 220873

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

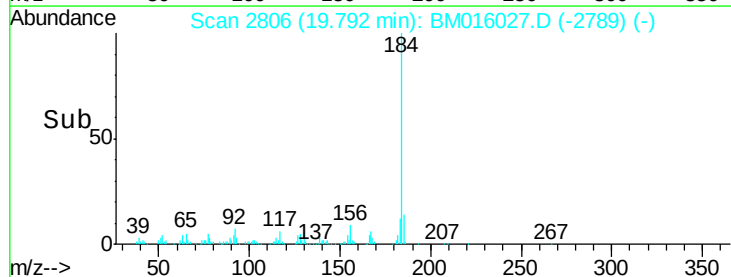
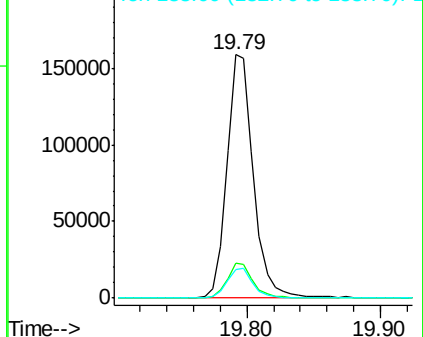
183 11.5 8.9 13.3

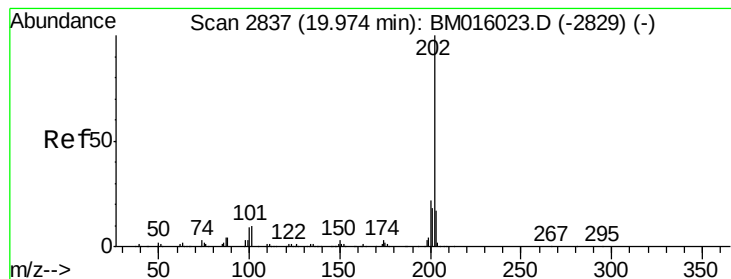


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.034 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

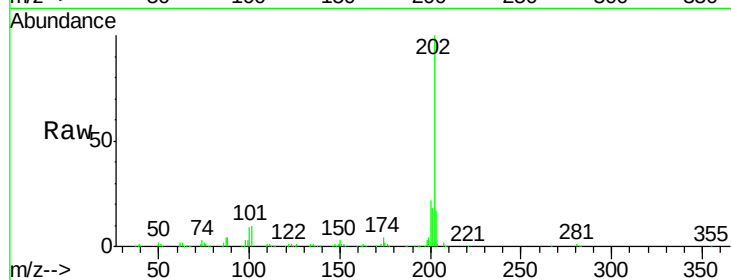
Tgt Ion:202 Resp: 449296

Ion Ratio Lower Upper

202 100

200 22.2 16.9 25.3

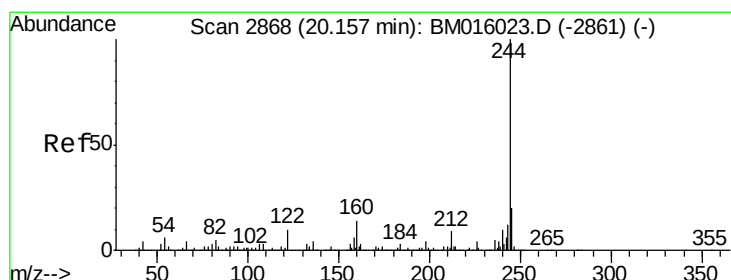
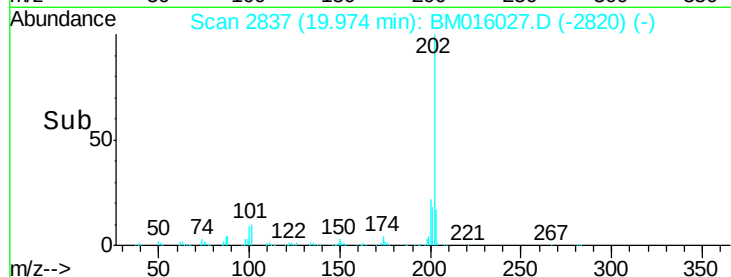
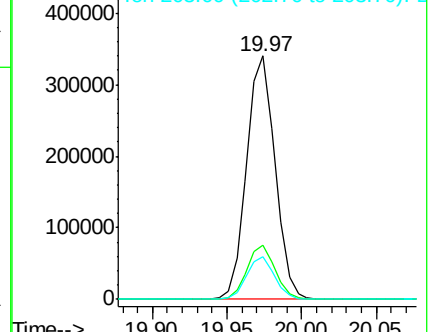
203 17.4 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 38.034 ng

RT: 20.16 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

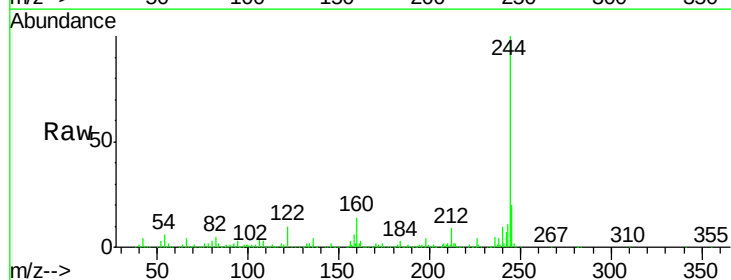
Tgt Ion:244 Resp: 716447

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

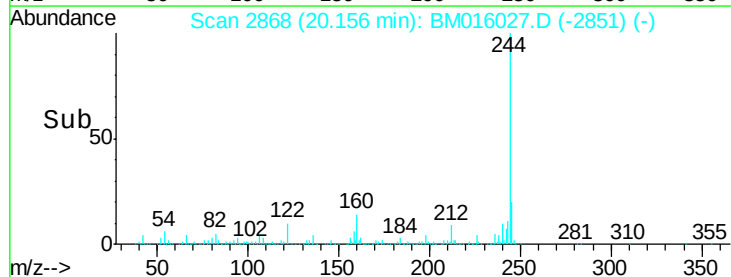
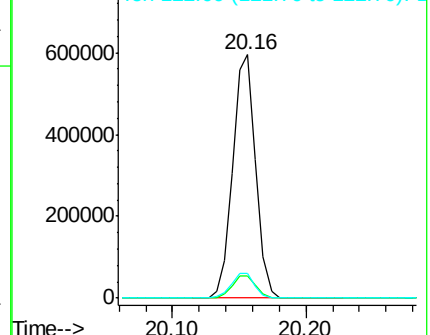
122 10.1 6.2 9.4#

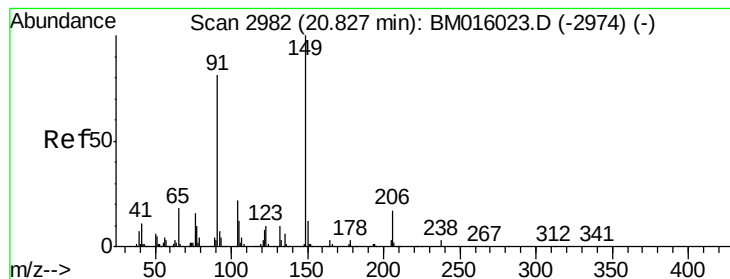


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.067 ng

RT: 20.83 min Scan# 2982

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

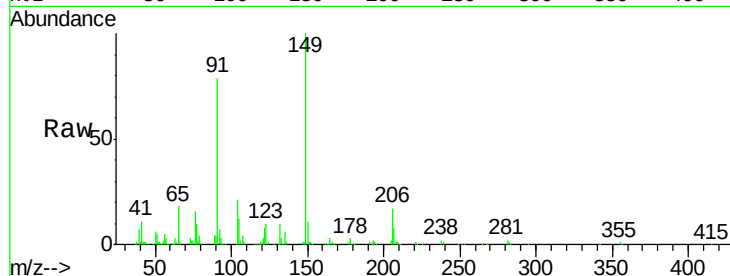
Tgt Ion:149 Resp: 234443

Ion Ratio Lower Upper

149 100

91 79.4 50.1 75.1#

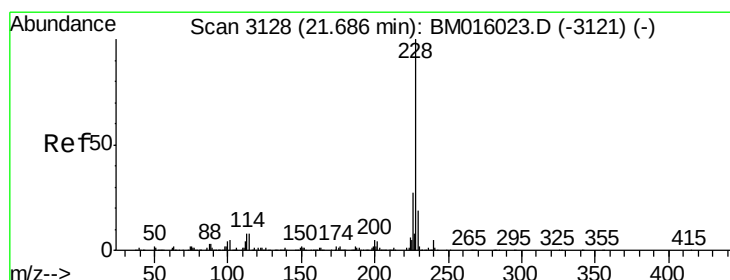
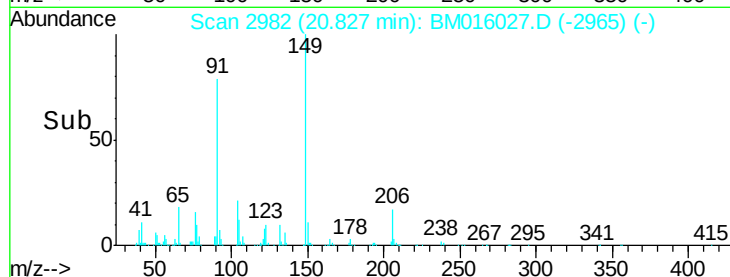
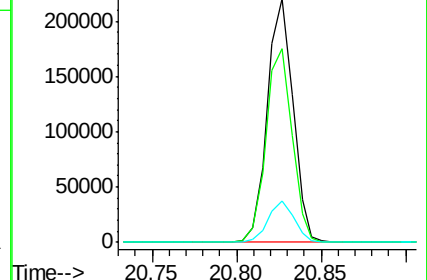
206 17.0 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.552 ng

RT: 21.69 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

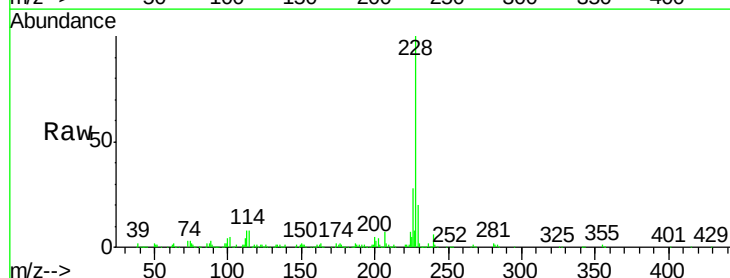
Tgt Ion:228 Resp: 455923

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

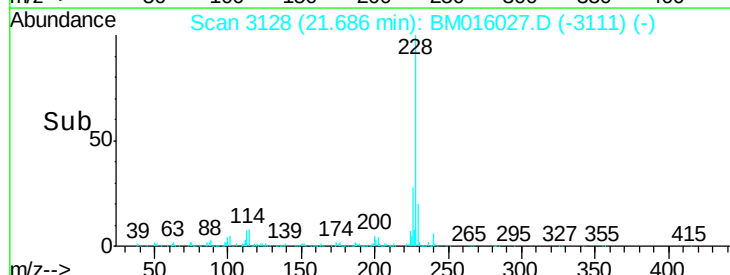
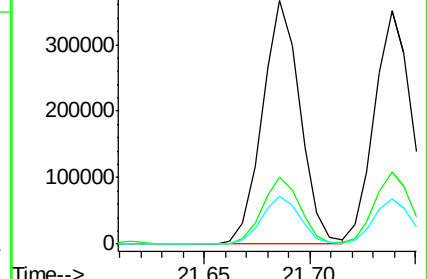
229 19.9 16.0 24.0

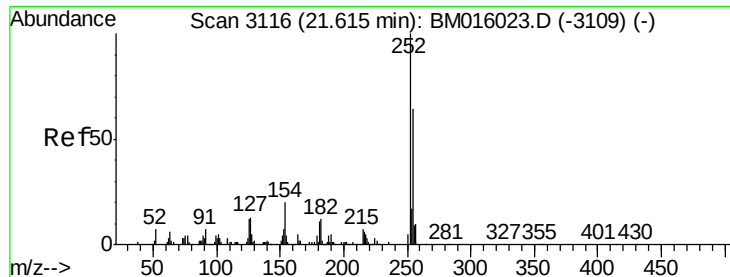


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

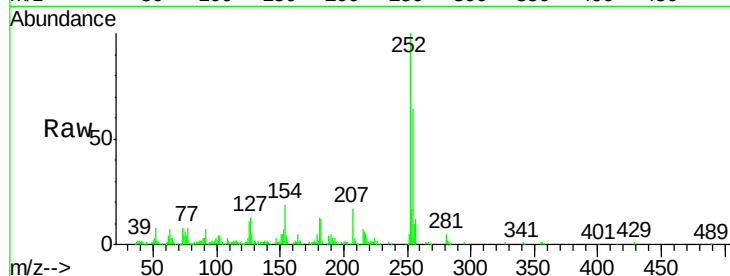




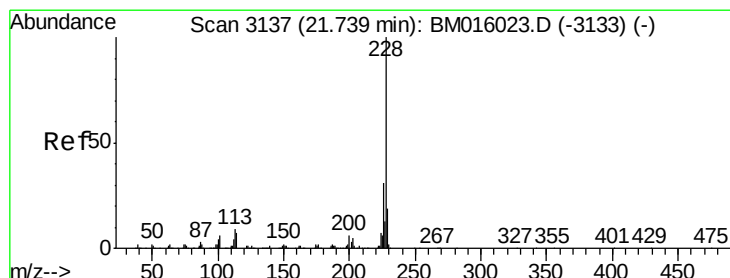
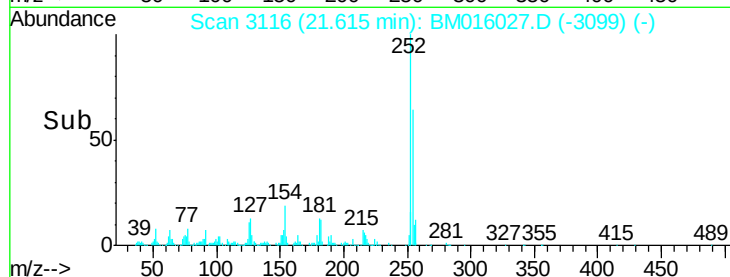
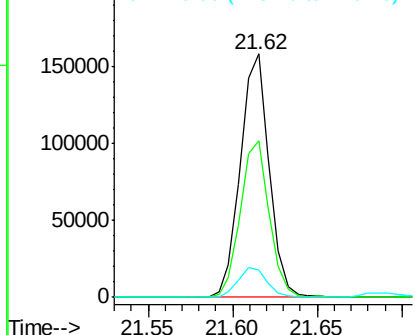
#81
 3,3'-Dichlorobenzidine
 Concen: 38.583 ng
 RT: 21.62 min Scan# 3116
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

Tgt Ion:252 Resp: 188679
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.9 77.9
 126 11.4 9.8 14.8

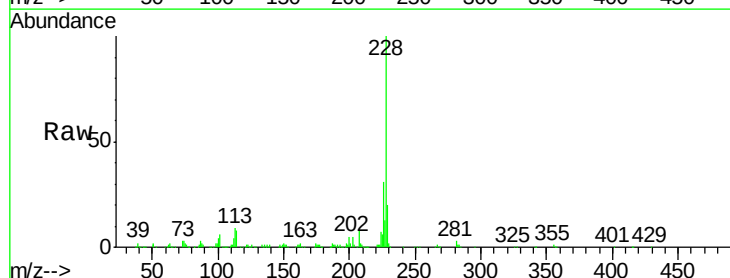


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

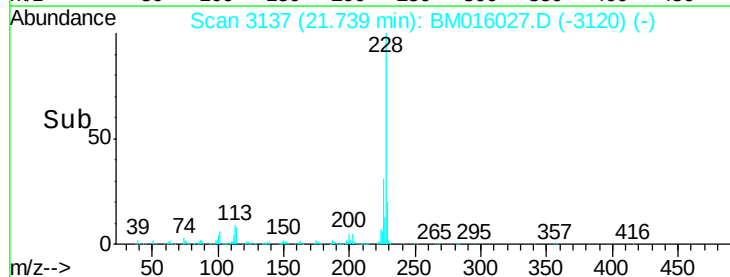
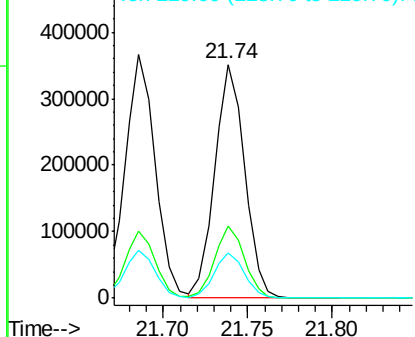


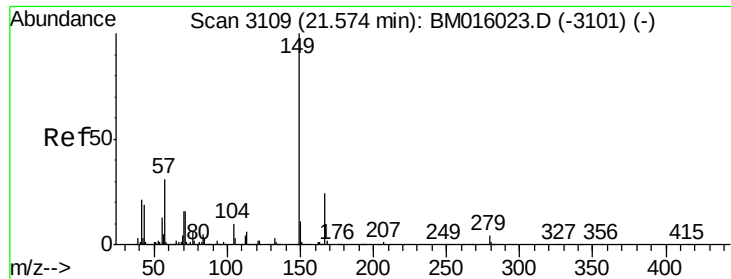
#82
 Chrysene
 Concen: 37.448 ng
 RT: 21.74 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Tgt Ion:228 Resp: 436136
 Ion Ratio Lower Upper
 228 100
 226 30.7 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: 38.988 ng

RT: 21.57 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

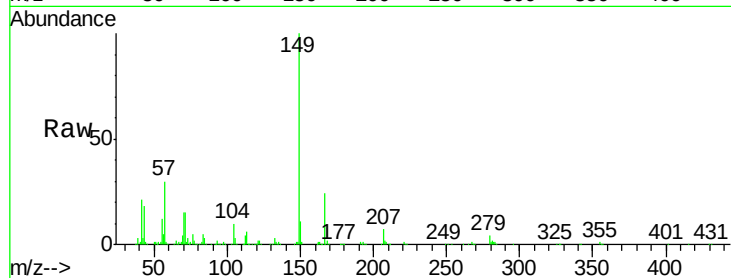
Tgt Ion:149 Resp: 339081

Ion Ratio Lower Upper

149 100

167 23.6 22.4 33.6

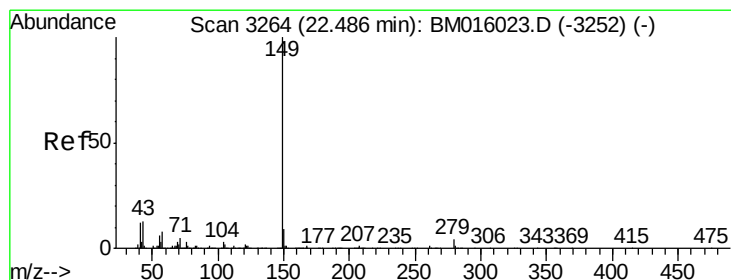
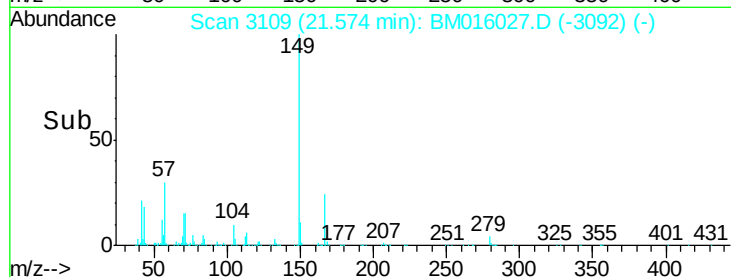
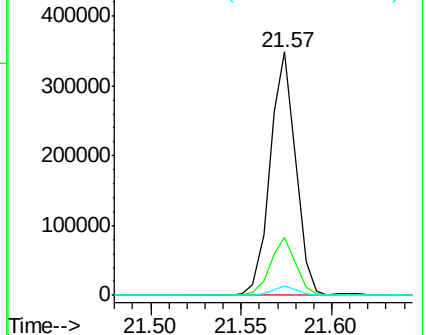
279 3.9 3.4 5.0



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: 38.695 ng

RT: 22.49 min Scan# 3264

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

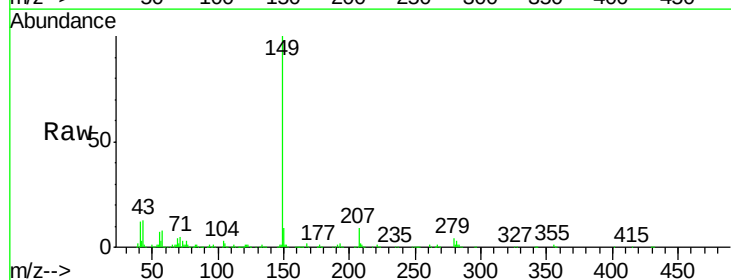
Tgt Ion:149 Resp: 565613

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

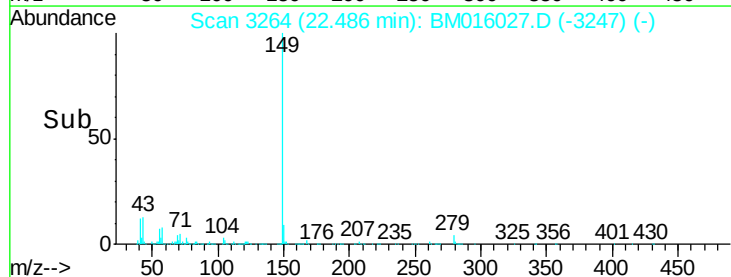
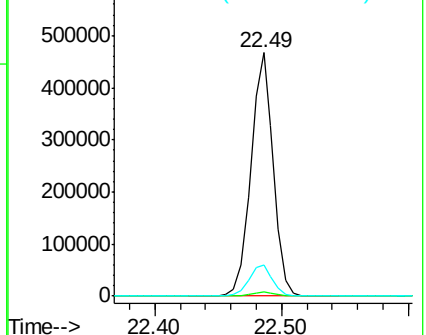
43 13.4 7.3 10.9#

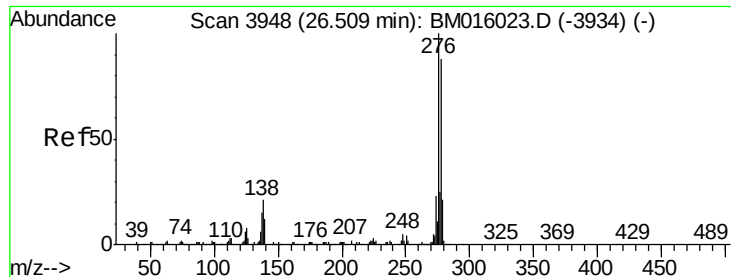


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

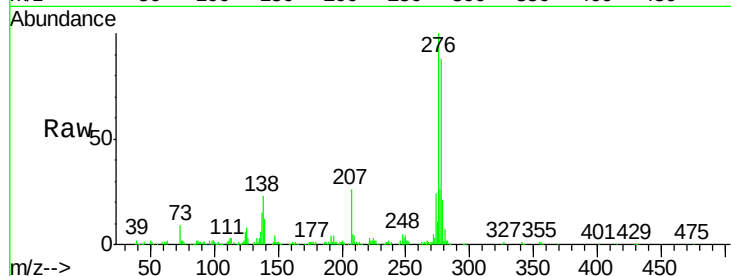




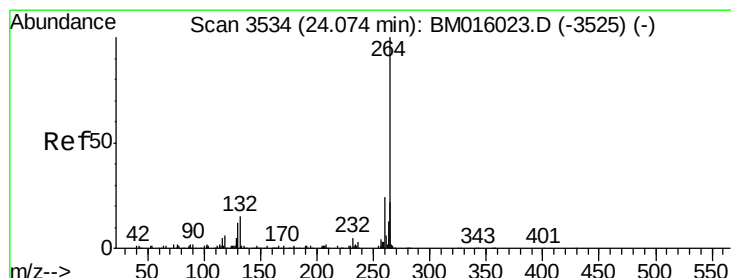
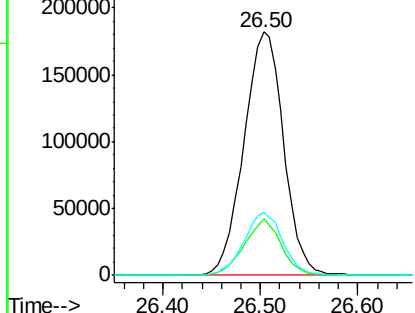
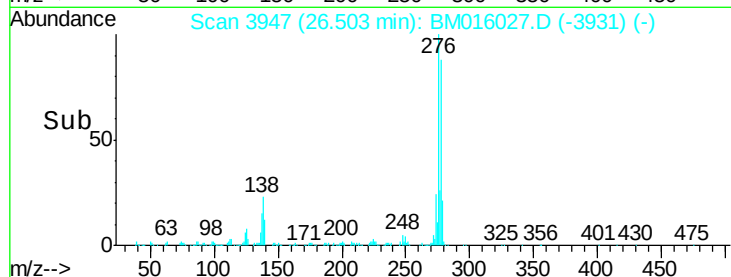
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.399 ng
 RT: 26.50 min Scan# 3947
 Delta R.T. -0.01 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM072318

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	12.0	18.0#
277	25.2	20.0	30.0

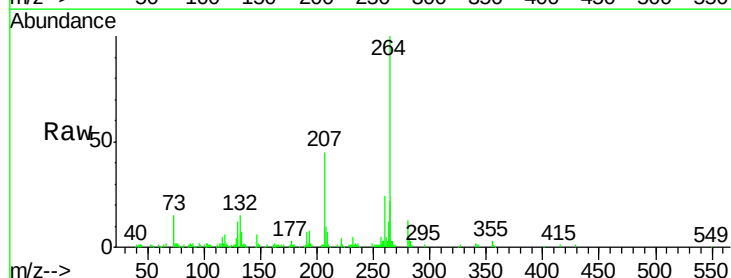


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

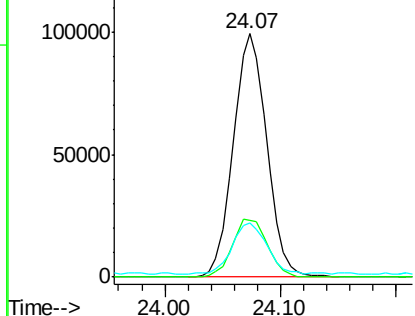
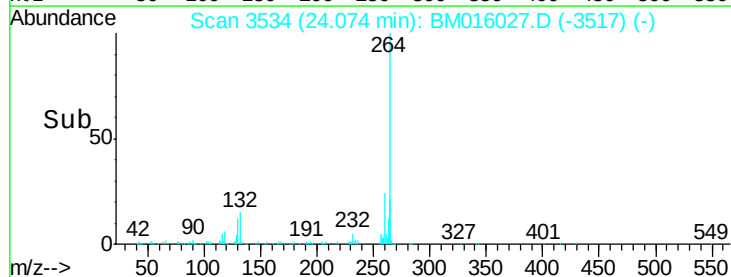


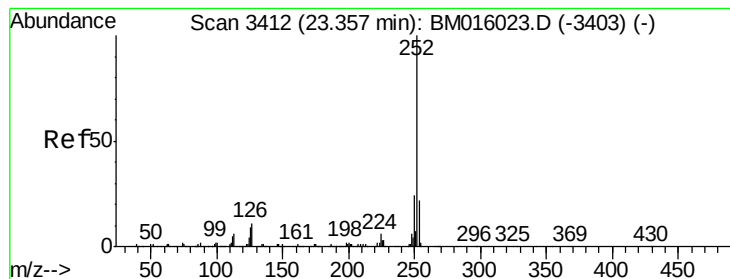
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.07 min Scan# 3534
 Delta R.T. -0.00 min
 Lab File: BM016027.D
 Acq: 23 Jul 2018 15:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.3	17.3	25.9



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





#87

Benzo(b)fluoranthene

Concen: 37.070 ng

RT: 23.35 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

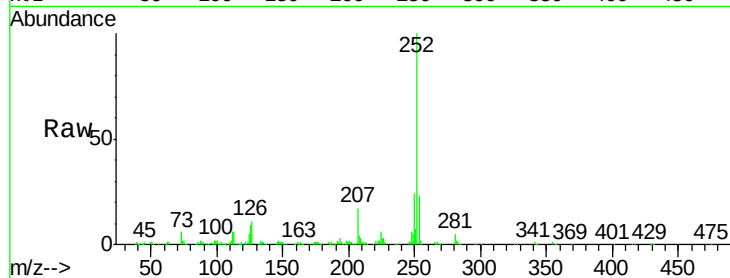
Tgt Ion:252 Resp: 436549

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

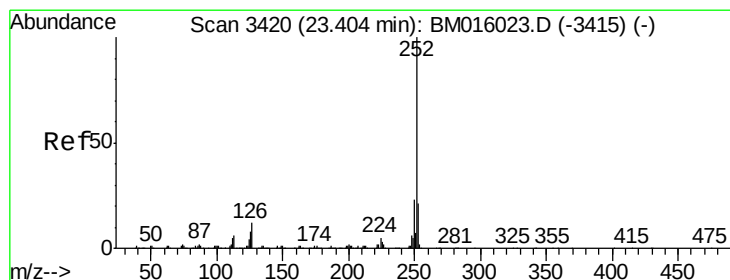
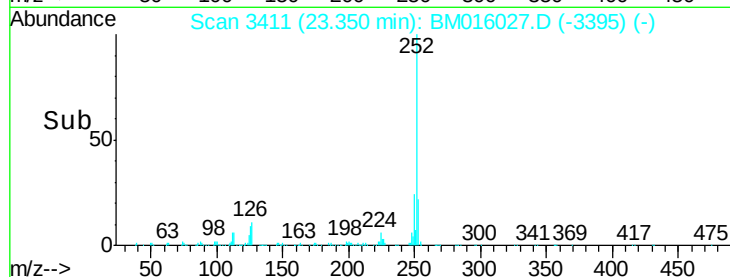
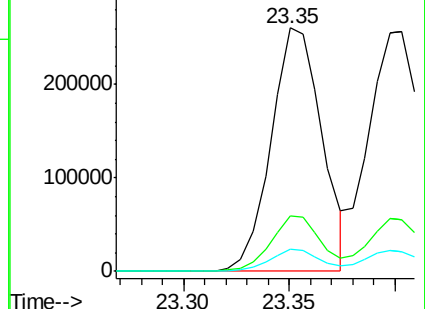
125 9.3 9.9 14.9#



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



#88

Benzo(k)fluoranthene

Concen: 37.935 ng

RT: 23.40 min Scan# 3420

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

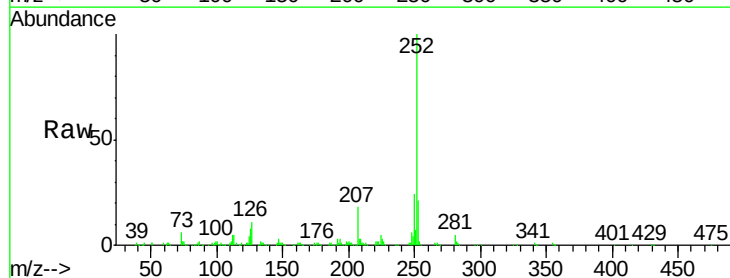
Tgt Ion:252 Resp: 452743

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

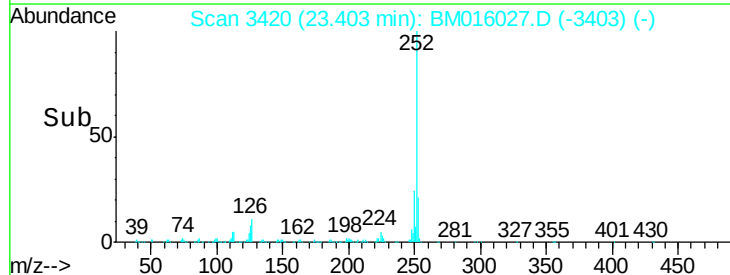
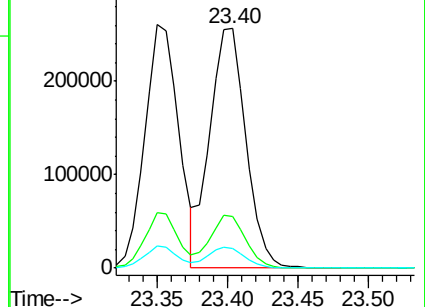
125 8.1 8.1 12.1

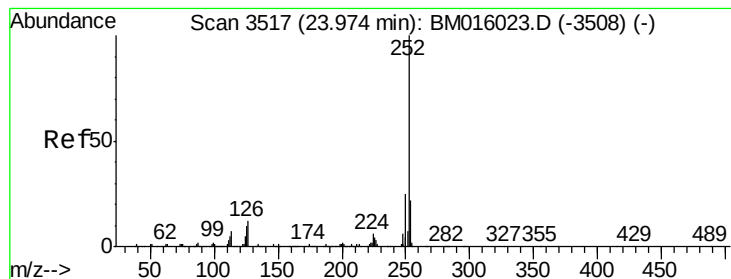


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.889 ng

RT: 23.97 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

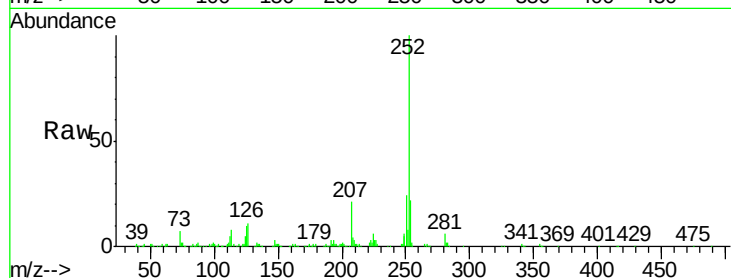
Tgt Ion: 252 Resp: 428950

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

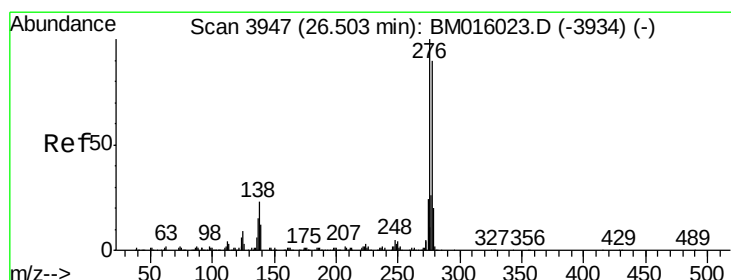
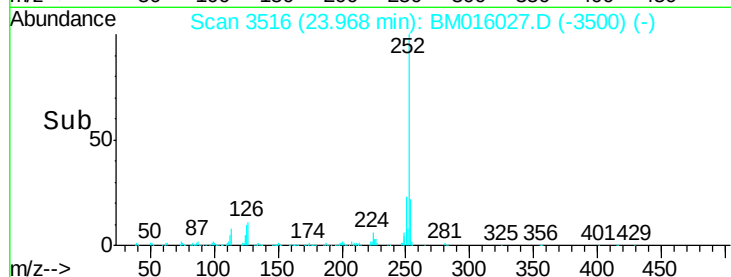
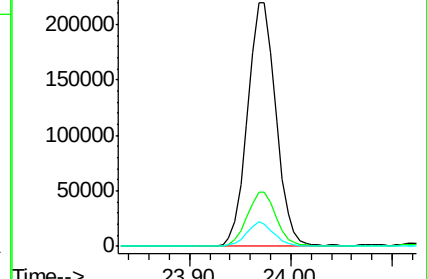
125 10.3 7.4 11.2



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: 37.778 ng

RT: 26.51 min Scan# 3948

Delta R.T. 0.01 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

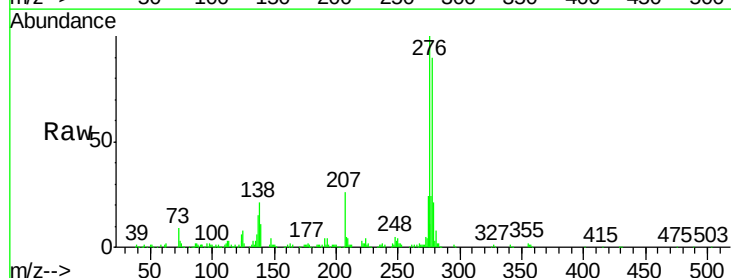
Tgt Ion: 278 Resp: 443119

Ion Ratio Lower Upper

278 100

139 12.6 13.4 20.0#

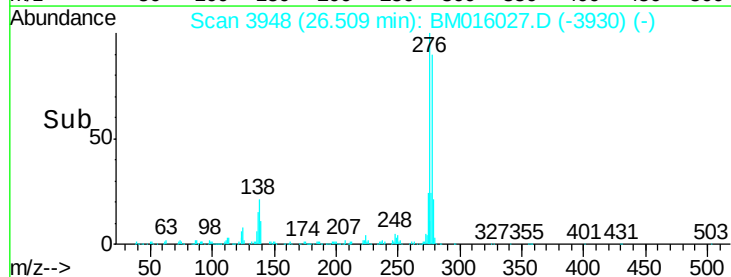
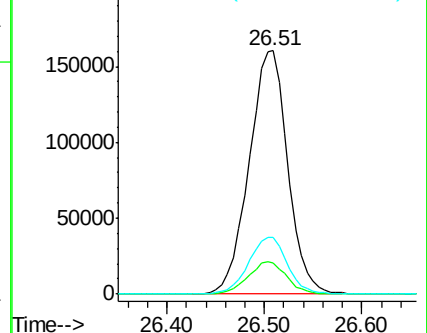
279 23.2 19.0 28.4

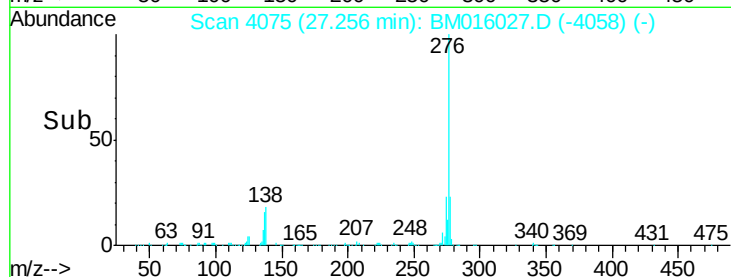
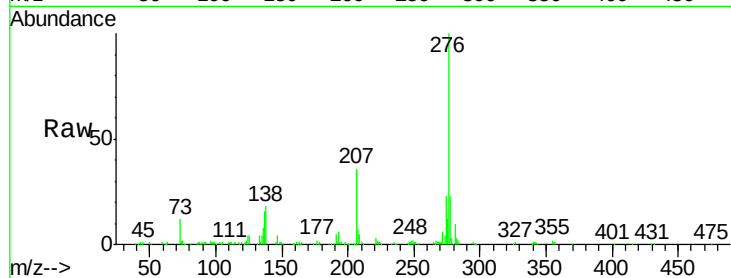
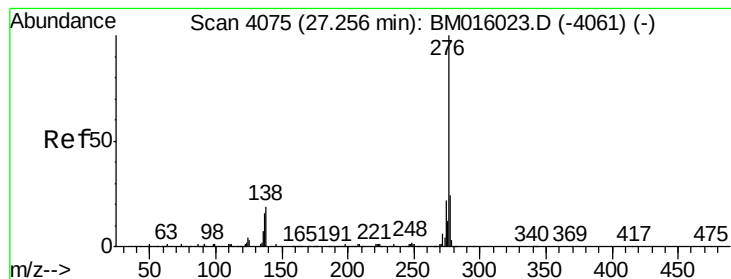


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.404 ng

RT: 27.26 min Scan# 4075

Delta R.T. -0.00 min

Lab File: BM016027.D

Acq: 23 Jul 2018 15:55

Instrument :

BNA_M

ClientSampleId :

ICVBM072318

Tgt Ion: 276 Resp: 414947

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 17.8 19.0 28.6#

