

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016266.D
 Acq On : 09 Aug 2018 02:51
 Operator : SJ/JU
 Sample : J4247-02MS 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 09 05:21:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	33099	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	137371	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	74182	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	153469	20.00	ng	0.00
75) Chrysene-d12	21.63	240	158342	20.00	ng	0.00
86) Perylene-d12	23.97	264	168720	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	18948	9.51	ng	0.00
7) Phenol-d6	7.30	99	25361	9.75	ng	0.00
23) Nitrobenzene-d5	9.32	82	20413	6.91	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	8009	8.51	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	39641	6.50	ng	0.00
78) Terphenyl-d14	20.08	244	54532	7.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	2222	2.380	ng	# 100
4) n-Nitrosodimethylamine	3.85	42	4618	2.633	ng	# 27
8) 2-Chlorophenol	7.70	128	7726	3.262	ng	# 96
9) Benzaldehyde	7.29	77	6489	3.549	ng	# 88
10) Phenol	7.33	94	8066	3.100	ng	# 93
11) bis(2-Chloroethyl)ether	7.56	93	5781	2.812	ng	# 89
12) 1,3-Dichlorobenzene	8.02	146	8888	3.206	ng	# 84
13) 1,4-Dichlorobenzene	8.17	146	8561	3.045	ng	# 85
14) 1,2-Dichlorobenzene	8.49	146	8632	3.138	ng	# 89
15) Benzyl Alcohol	8.41	79	6038	2.914	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.66	45	9814	3.120	ng	# 58
17) 2-Methylphenol	8.60	107	5918	3.328	ng	# 69
18) Hexachloroethane	9.20	117	3704	3.048	ng	# 92
19) n-Nitroso-di-n-propylamine	8.95	70	7337	3.858	ng	# 55
20) 3+4-Methylphenols	8.93	107	7096	2.773	ng	# 61
22) Acetophenone	8.98	105	10754	3.109	ng	# 76
24) Nitrobenzene	9.37	77	7909	2.660	ng	# 86
25) Isophorone	9.87	82	13007	3.220	ng	# 77
26) 2-Nitrophenol	10.08	139	4306	3.470	ng	# 1
27) 2,4-Dimethylphenol	10.13	122	7305	4.225	ng	# 83
28) bis(2-Chloroethoxy)methane	10.36	93	10153	3.867	ng	# 14
29) 2,4-Dichlorophenol	10.63	162	5729	2.788	ng	# 79
30) 1,2,4-Trichlorobenzene	10.82	180	7814	3.130	ng	# 84
31) Naphthalene	11.00	128	26003	3.740	ng	# 96
33) 4-Chloroaniline	11.15	127	6327	2.230	ng	# 47
34) Hexachlorobutadiene	11.26	225	5406	3.122	ng	# 90
35) Caprolactam	11.92	113	17829	31.331	ng	# 1
36) 4-Chloro-3-methylphenol	12.26	107	6289	2.783	ng	# 75
37) 2-Methylnaphthalene	12.60	142	16850	3.618	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	8488	3.361	ng	# 100
42) 2,4,6-Trichlorophenol	13.22	196	4687	2.966	ng	# 91
43) 2,4,5-Trichlorophenol	13.31	196	3682	2.259	ng	# 1
45) 1,1'-Biphenyl	13.60	154	23488	3.508	ng	# 95
46) 2-Chloronaphthalene	13.66	162	17358	3.334	ng	# 70

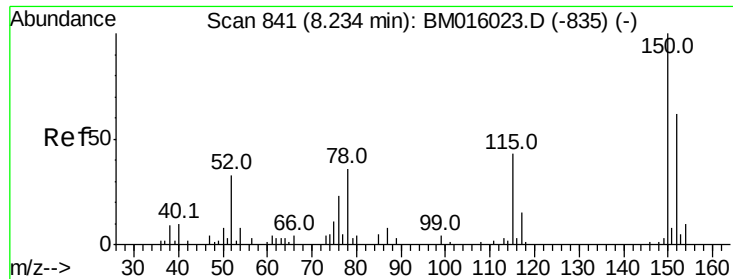
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	13.88	65	5200	3.021	nq	# 45
48) Acenaphthylene	14.50	152	30176	3.959	nq	# 79
49) Dimethylphthalate	14.22	163	28492	4.389	nq	# 97
50) 2,6-Dinitrotoluene	14.36	165	5032	3.852	nq	# 77
51) Acenaphthene	14.83	154	16350	3.488	nq	# 91
52) 3-Nitroaniline	14.72	138	5010	3.551	nq	# 82
54) Dibenzofuran	15.17	168	25190	3.261	nq	# 67
56) 2,4-Dinitrotoluene	15.16	165	9277	4.967	nq	# 80
57) Fluorene	15.82	166	20898	3.640	nq	# 85
58) 2,3,4,6-Tetrachlorophenol	15.40	232	5282	3.770	nq	# 100
59) Diethylphthalate	15.57	149	32483	4.642	nq	# 91
60) 4-Chlorophenyl-phenylether	15.80	204	11884	3.719	nq	# 23
62) Azobenzene	16.09	77	23903	3.244	nq	# 77
65) n-Nitrosodiphenylamine	16.02	169	21106	4.177	nq	# 94
66) 4-Bromophenyl-phenylether	16.69	248	6496	3.738	nq	# 11
67) Hexachlorobenzene	16.81	284	6203	3.241	nq	# 6
68) Atrazine	16.96	200	9164	5.060	nq	# 84
69) Pentachlorophenol	17.16	266	5290	4.464	nq	# 90
70) Phenanthrene	17.55	178	29603	3.445	nq	# 83
71) Anthracene	17.64	178	29921	3.583	nq	# 85
72) Carbazole	17.92	167	32385	3.743	nq	# 74
73) Di-n-butylphthalate	18.43	149	38902	3.609	nq	# 90
74) Fluoranthene	19.54	202	34207	3.569	nq	# 94
77) Pyrene	19.90	202	42497	4.479	nq	# 97
79) Butylbenzylphthalate	20.76	149	16979	3.522	nq	# 70
80) Benzo(a)anthracene	21.62	228	37326	3.827	nq	# 99
81) 3,3'-Dichlorobenzidine	21.55	252	9666	2.461	nq	# 93
82) Chrysene	21.67	228	34271	3.663	nq	# 97
83) Bis(2-ethylhexyl)phthalate	21.51	149	27428	3.926	nq	# 92
84) Di-n-octyl phthalate	22.41	149	42404	3.611	nq	# 88
85) Indeno(1,2,3-cd)pyrene	26.36	276	41552	3.743	nq	# 95
87) Benzo(b)fluoranthene	23.26	252	38086	3.834	nq	# 95
88) Benzo(k)fluoranthene	23.26	252	36780	3.653	nq	# 95
89) Benzo(a)pyrene	23.87	252	36595	3.832	nq	# 99
90) Dibenzo(a,h)anthracene	26.35	278	34718	3.509	nq	# 96
91) Benzo(a,h,i)perylene	27.10	276	34015	3.635	nq	# 90

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

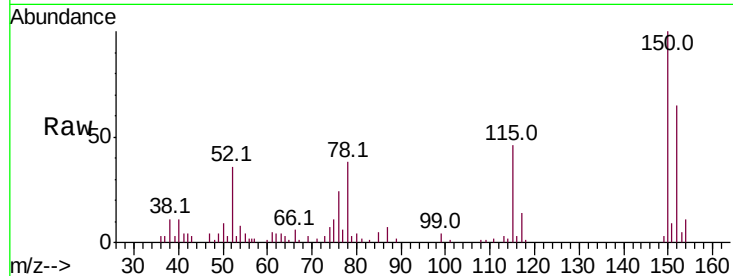


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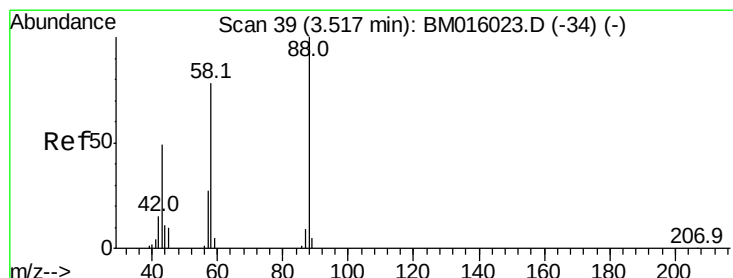
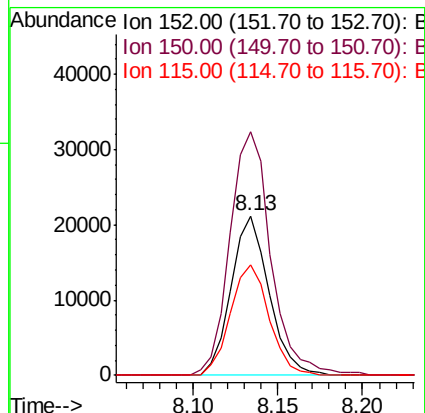
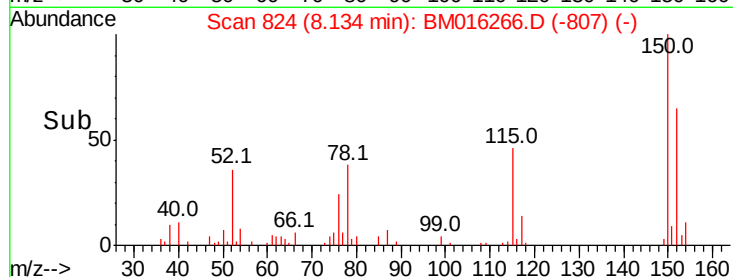
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 33099
Ion Ratio Lower Upper
152 100
150 152.9 119.5 179.3
115 69.7 43.0 64.4#



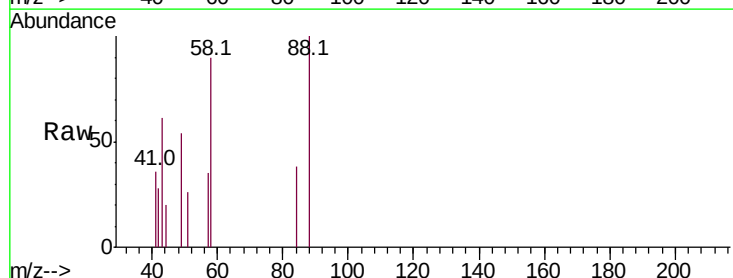
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



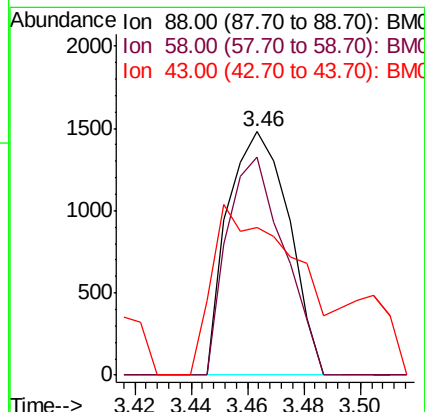
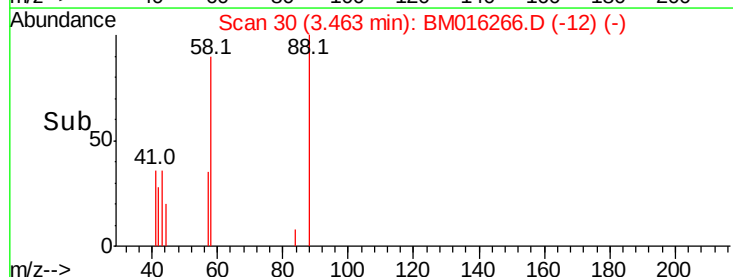
#2

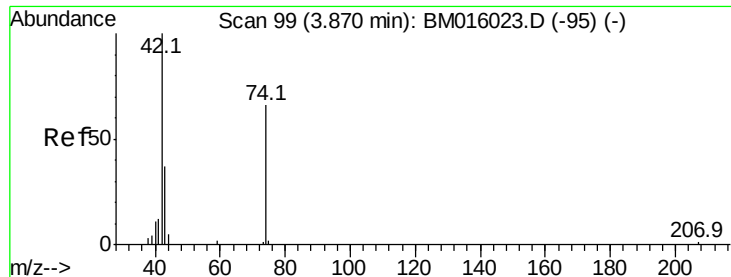
1,4-Dioxane
Concen: 2.380 ng
RT: 3.46 min Scan# 30
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion: 88 Resp: 2222
Ion Ratio Lower Upper
88 100
58 83.8 0.0 0.0#
43 99.7 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





#4

n-Nitrosodimethylamine

Concen: 2.633 ng

RT: 3.85 min Scan# 95

Delta R.T. 0.04 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

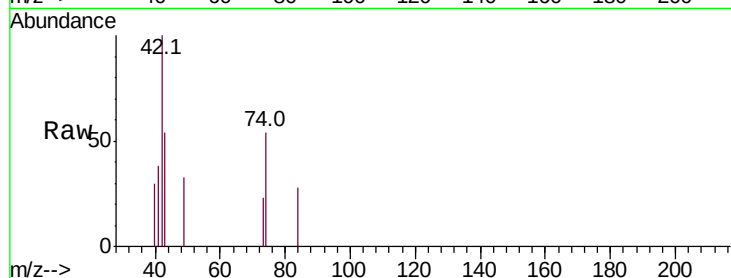
Tot Ion: 42 Resp: 4618

Ion Ratio Lower Upper

42 100

74 53.9 119.3 178.9#

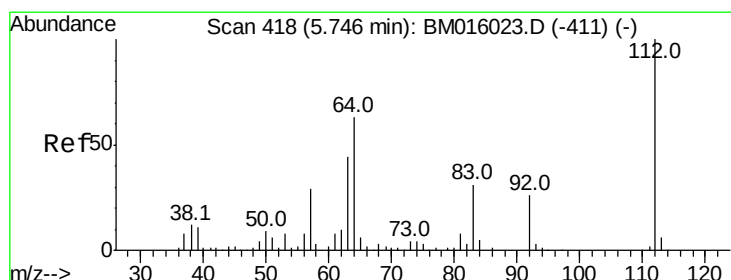
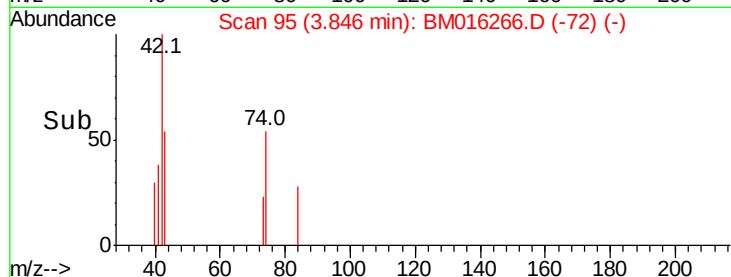
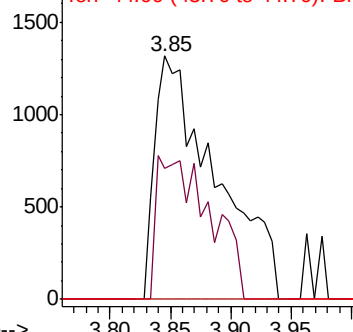
44 0.0 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM016023.D (-95) (-)

Ion 74.00 (73.70 to 74.70): BM016023.D (-95) (-)

Ion 44.00 (43.70 to 44.70): BM016023.D (-95) (-)



#5

2-Fluorophenol

Concen: 2.633 ng

RT: 5.67 min Scan# 405

Delta R.T. 0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

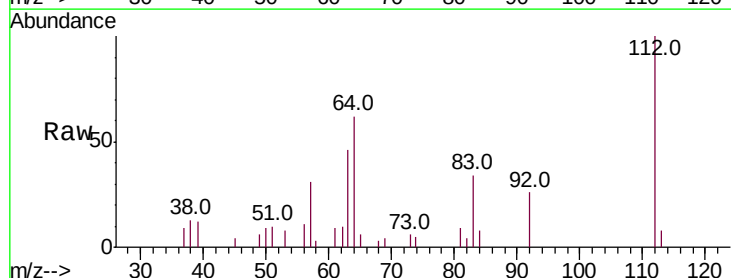
Tgt Ion: 112 Resp: 18948

Ion Ratio Lower Upper

112 100

64 61.6 38.6 57.8#

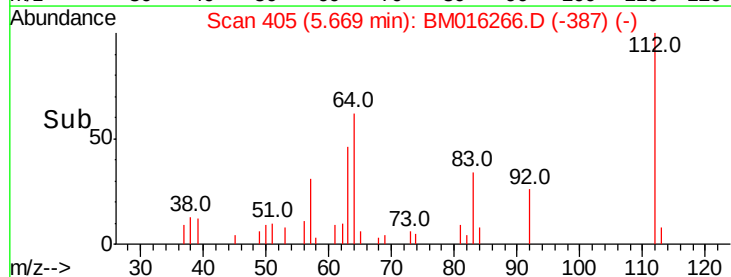
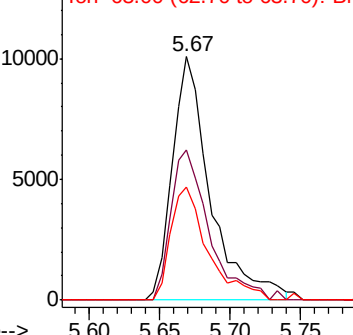
63 46.4 19.3 28.9#

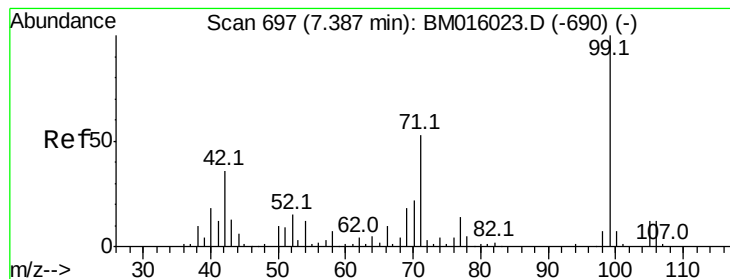


Abundance Ion 112.00 (111.70 to 112.70): BM016023.D (-411) (-)

Ion 64.00 (63.70 to 64.70): BM016023.D (-411) (-)

Ion 63.00 (62.70 to 63.70): BM016023.D (-411) (-)





#7

Phenol-d6

Concen: Below na

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

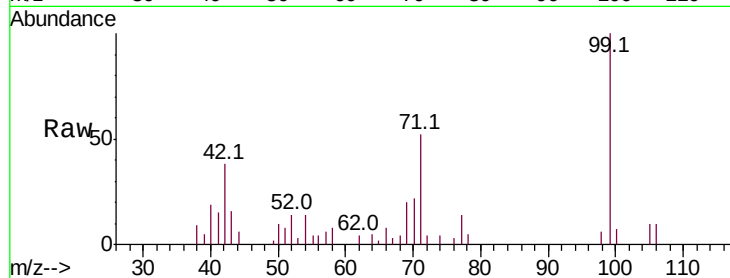
Tot Ion: 99 Resp: 25361

Ion Ratio Lower Upper

99 100

42 37.8 11.0 16.4#

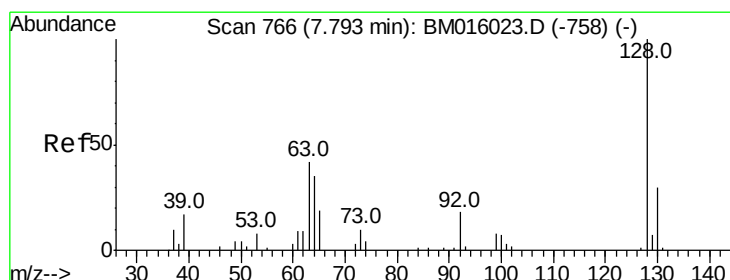
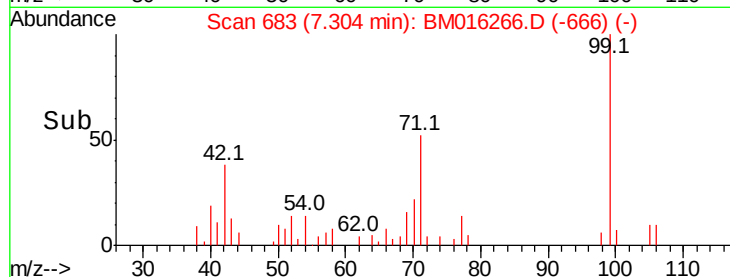
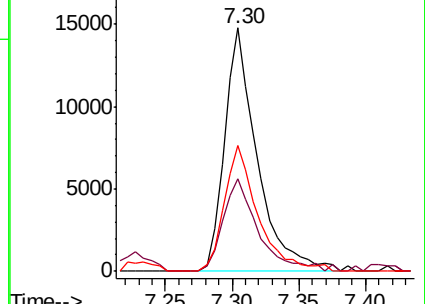
71 51.7 23.4 35.2#



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

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

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



#8

2-Chlorophenol

Concen: 3.262 ng

RT: 7.70 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

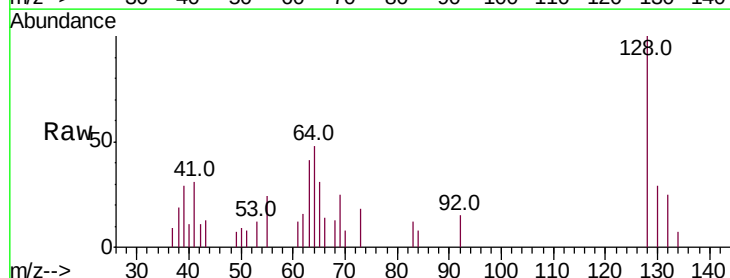
Tgt Ion:128 Resp: 7726

Ion Ratio Lower Upper

128 100

130 29.5 12.0 52.0

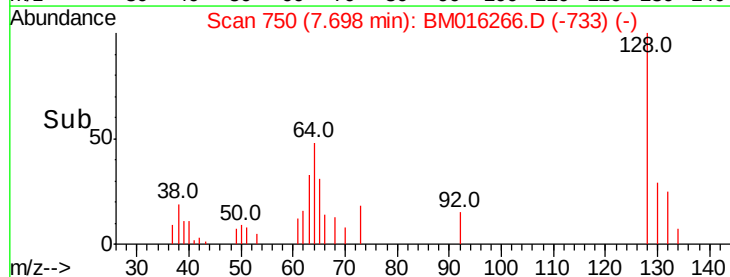
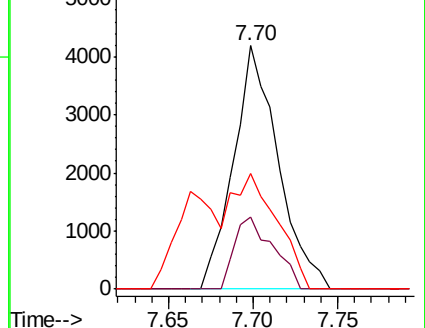
64 47.7 24.9 64.9

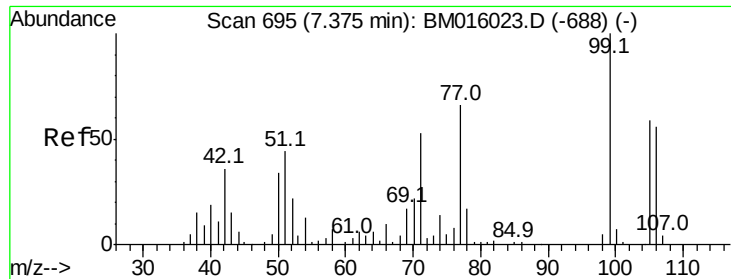


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

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

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

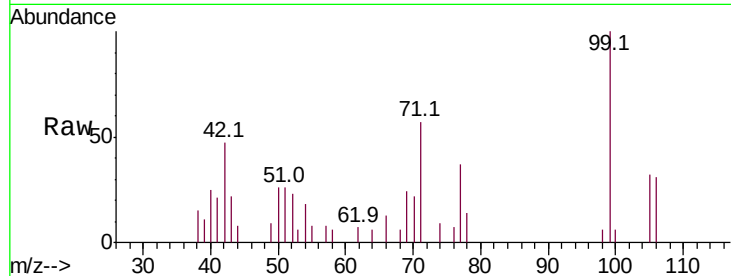




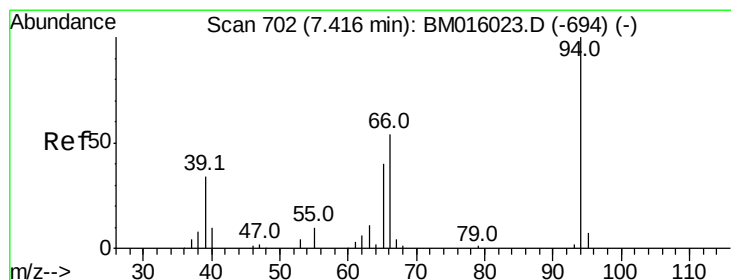
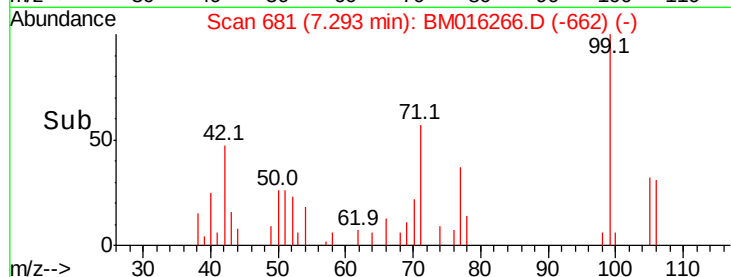
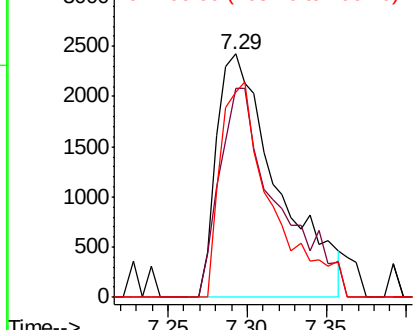
#9
Benzaldehyde
Concen: 3.549 ng
RT: 7.29 min Scan# 681
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 6489
Ion Ratio Lower Upper
77 100
105 85.6 78.8 118.8
106 84.3 73.7 113.7

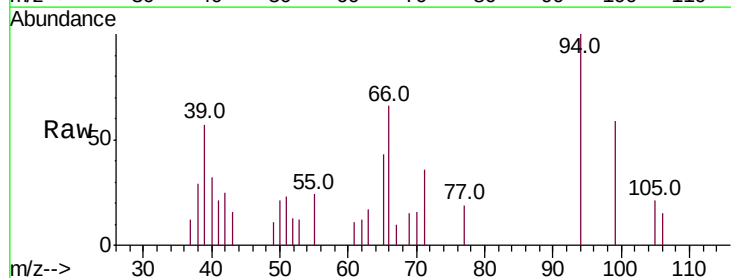


Abundance Ion 77.00 (76.70 to 77.70): BM016023.D (-688) (-)
Ion 105.00 (104.70 to 105.70): BM016023.D (-688) (-)
Ion 106.00 (105.70 to 106.70): BM016023.D (-688) (-)

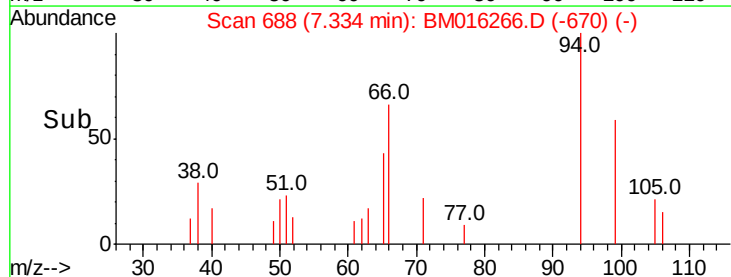
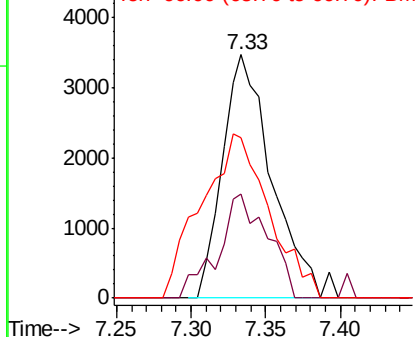


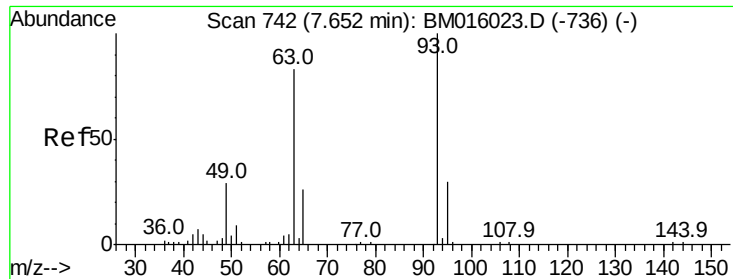
#10
Phenol
Concen: 3.100 ng
RT: 7.33 min Scan# 688
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion: 94 Resp: 8066
Ion Ratio Lower Upper
94 100
65 42.9 18.8 58.8
66 65.7 39.9 79.9



Abundance Ion 94.00 (93.70 to 94.70): BM016023.D (-694) (-)
Ion 65.00 (64.70 to 65.70): BM016023.D (-694) (-)
Ion 66.00 (65.70 to 66.70): BM016023.D (-694) (-)

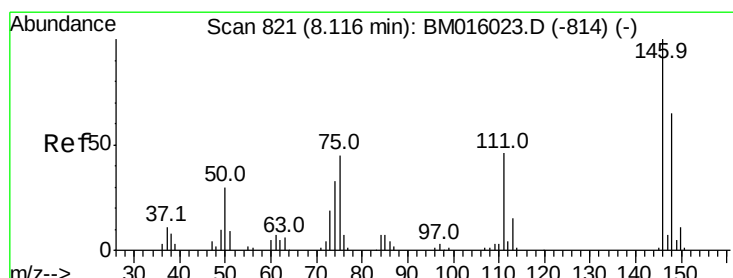
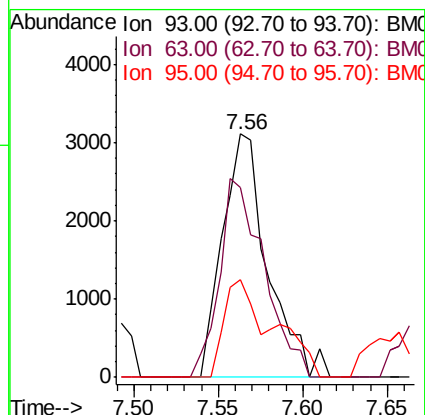
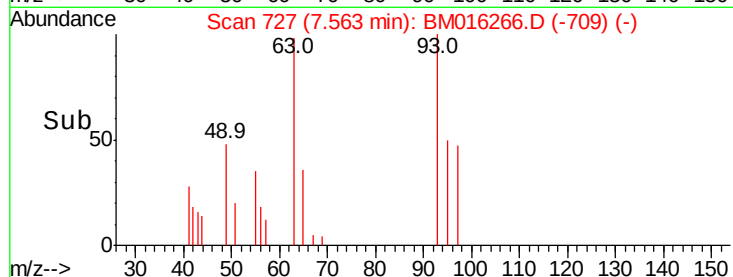
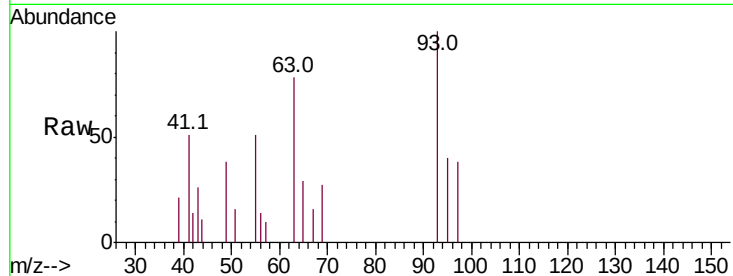




#11
 bis(2-Chloroethyl)ether
 Concen: 2.812 ng
 RT: 7.56 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

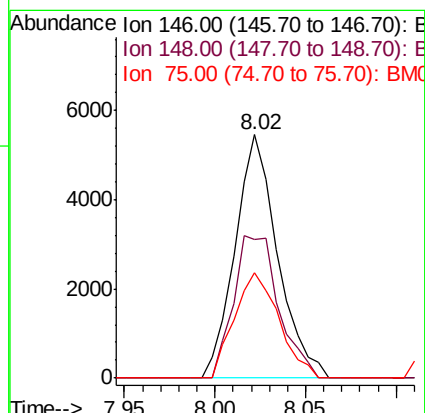
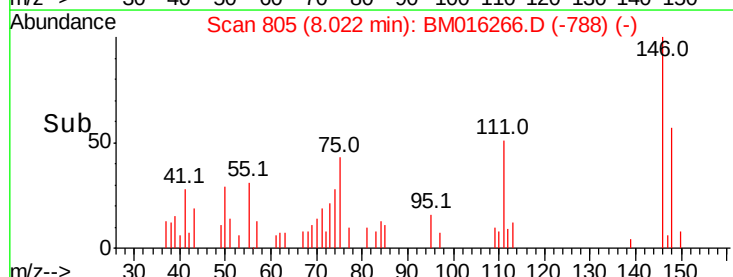
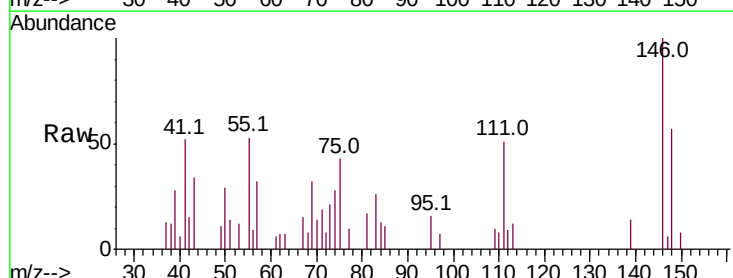
Instrument :
 BNA_M
 ClientSampleId :

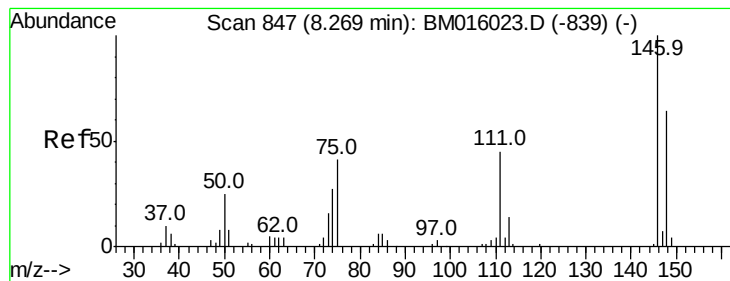
Tot Ion: 93 Resp: 5781
 Ion Ratio Lower Upper
 93 100
 63 77.9 49.5 89.5
 95 39.9 13.5 53.5



#12
 1,3-Dichlorobenzene
 Concen: 3.206 ng
 RT: 8.02 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion: 146 Resp: 8888
 Ion Ratio Lower Upper
 146 100
 148 56.7 50.9 76.3
 75 43.4 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 3.045 ng

RT: 8.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampled :

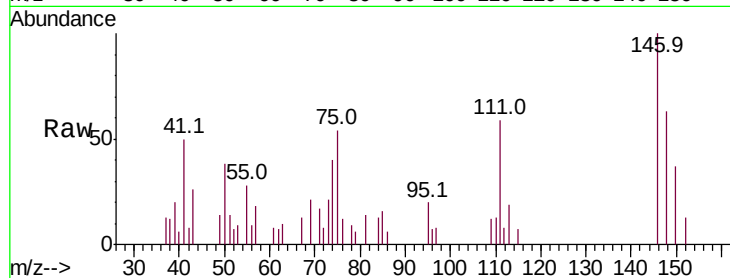
Tot Ion:146 Resp: 8561

Ion Ratio Lower Upper

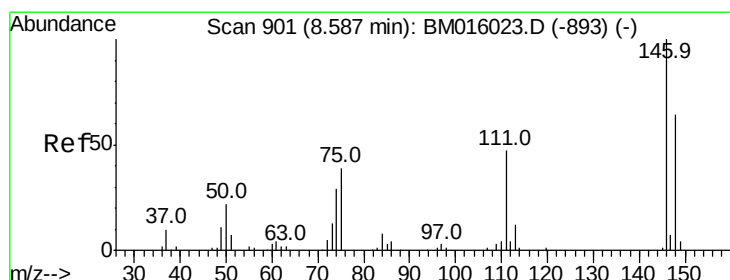
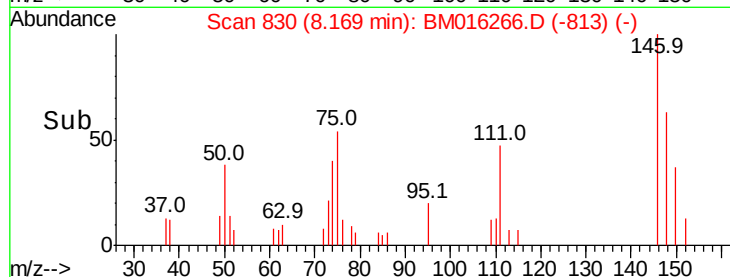
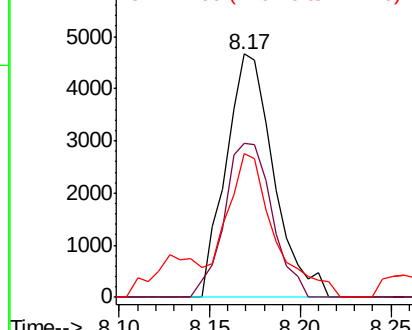
146 100

148 63.3 51.9 77.9

111 59.2 29.2 43.8#



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



#14

1,2-Dichlorobenzene

Concen: 3.138 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

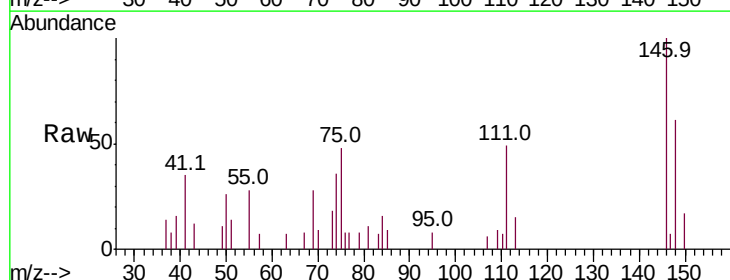
Tgt Ion:146 Resp: 8632

Ion Ratio Lower Upper

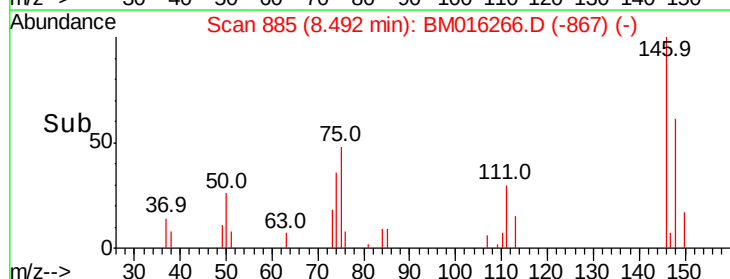
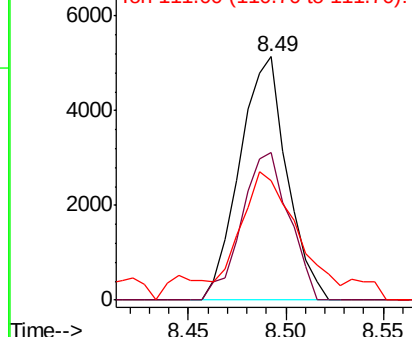
146 100

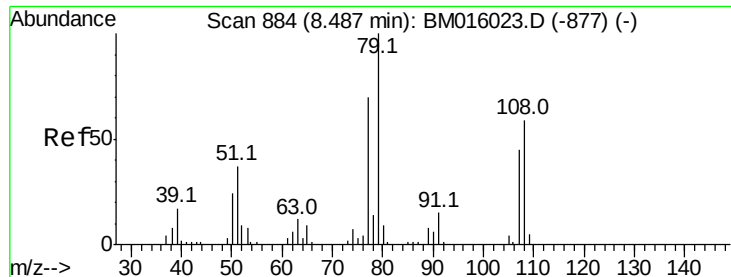
148 60.5 52.3 78.5

111 49.1 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

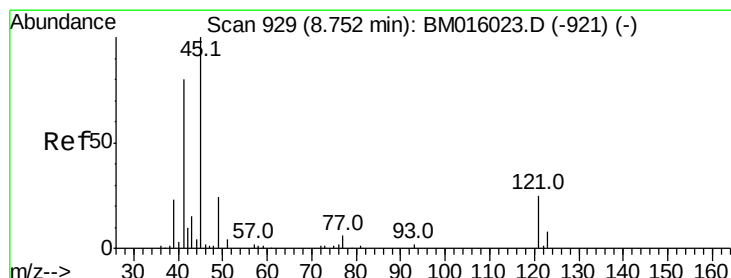
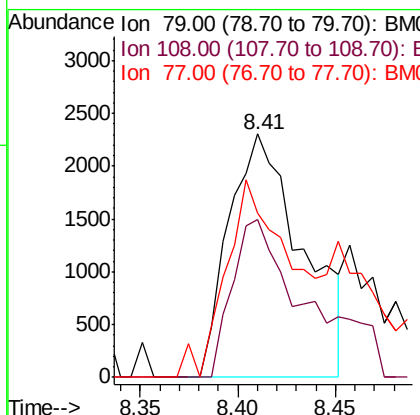
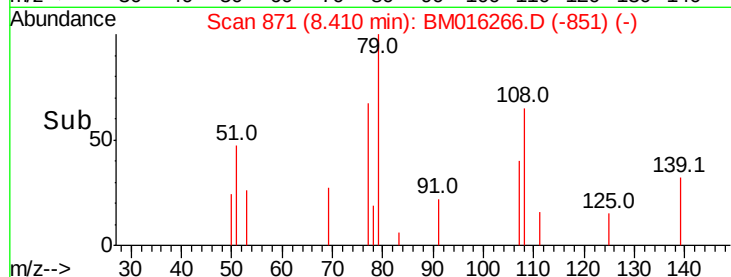
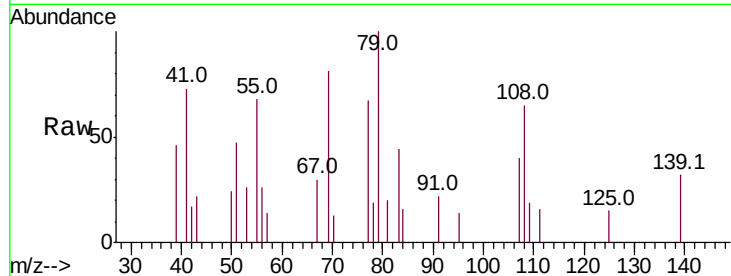




#15
Benzyl Alcohol
Concen: 2.914 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.02 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

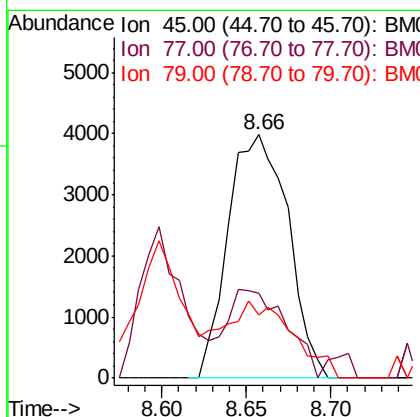
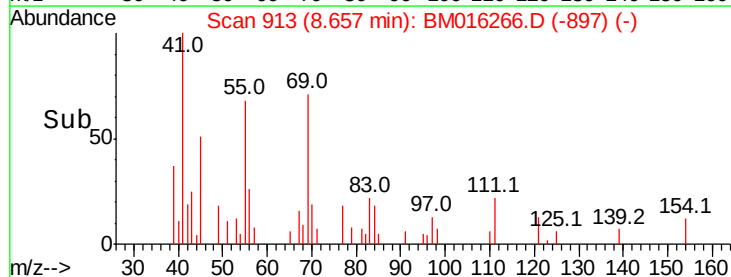
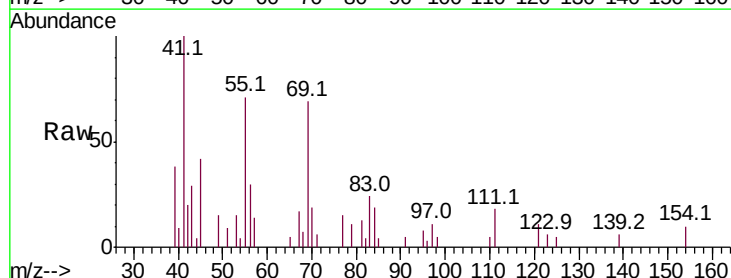
Instrument :
BNA_M
ClientSampled :

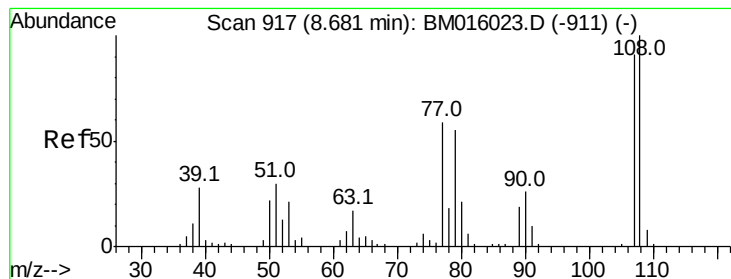
Tot Ion: 79 Resp: 6038
Ion Ratio Lower Upper
79 100
108 64.9 65.0 97.4#
77 67.2 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.120 ng
RT: 8.66 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion: 45 Resp: 9814
Ion Ratio Lower Upper
45 100
77 35.0 0.0 35.2
79 25.7 0.0 32.0

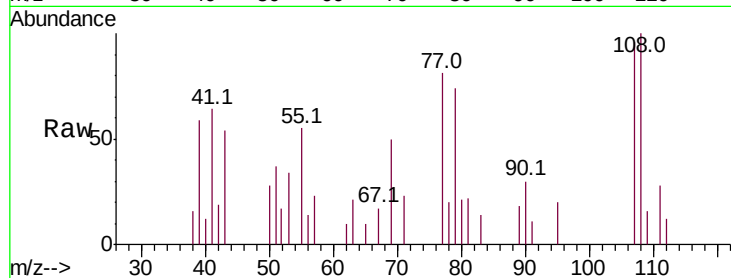




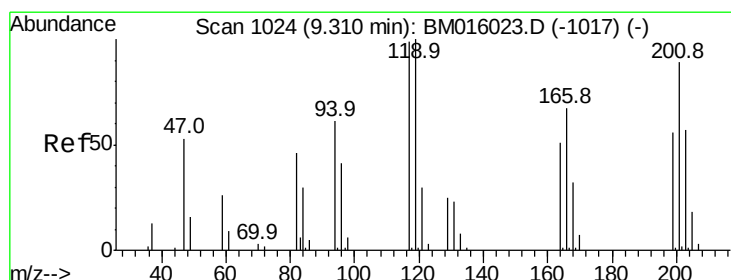
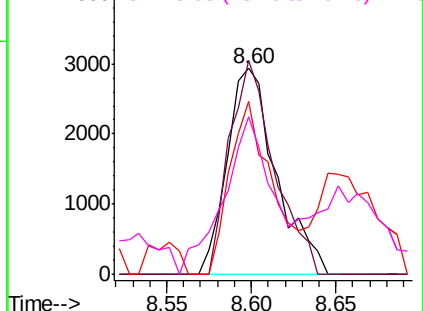
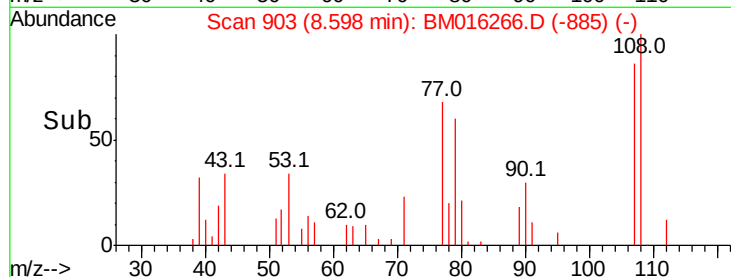
#17
2-Methylphenol
Concen: 3.328 ng
RT: 8.60 min Scan# 903
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 5918
Ion Ratio Lower Upper
107 100
108 103.7 89.8 134.8
77 84.2 32.6 48.8#
79 76.4 32.8 49.2#

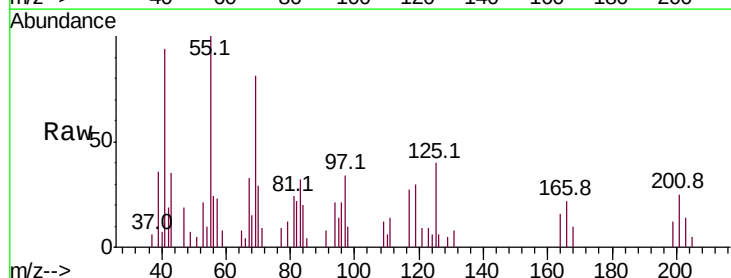


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

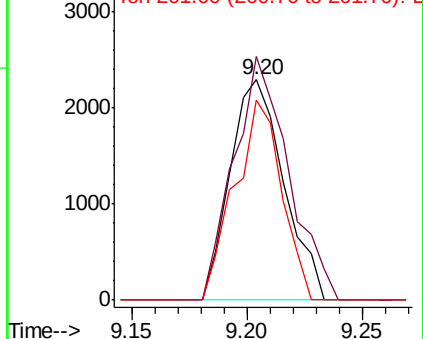
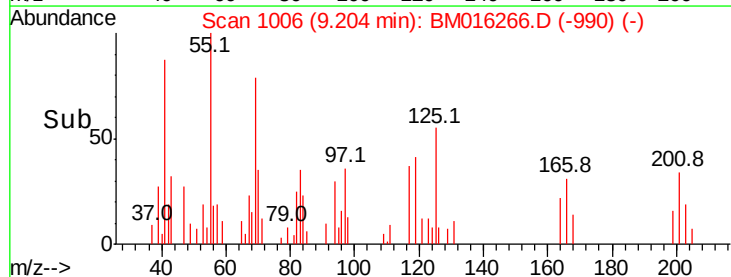


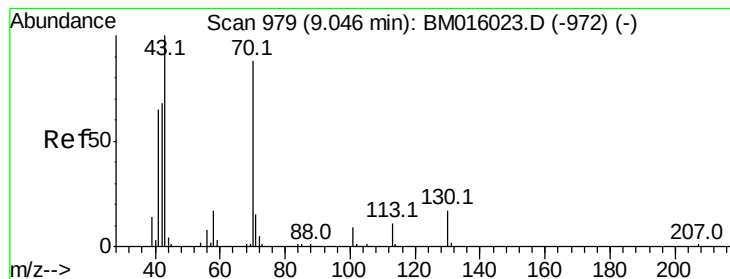
#18
Hexachloroethane
Concen: 3.048 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:117 Resp: 3704
Ion Ratio Lower Upper
117 100
119 110.4 79.2 118.8
201 90.8 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: 3.858 ng

RT: 8.95 min Scan# 962

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 7337

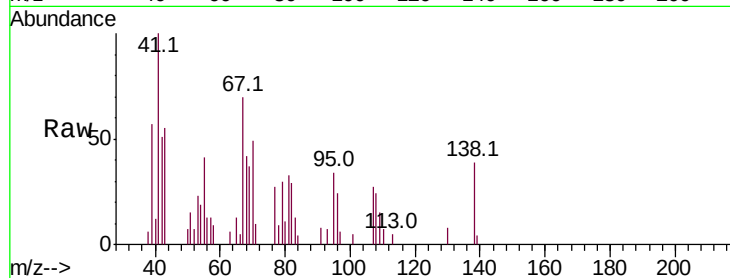
Ion Ratio Lower Upper

70 100

42 103.3 44.5 66.7#

101 9.9 7.4 11.2

130 17.2 15.3 22.9

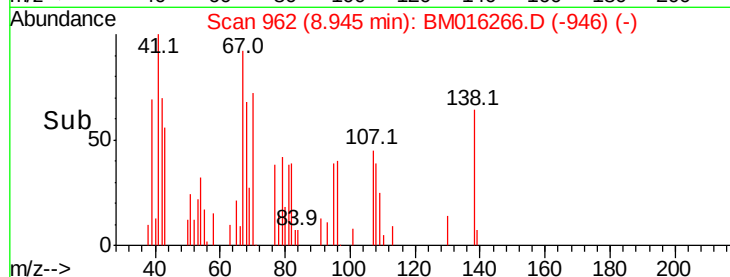
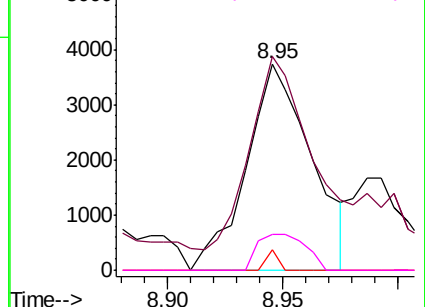


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 2.773 ng

RT: 8.93 min Scan# 960

Delta R.T. 0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion: 107 Resp: 7096

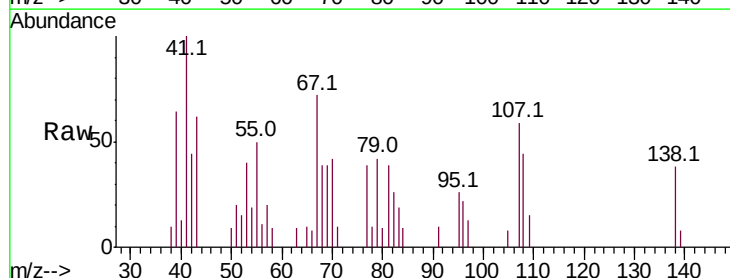
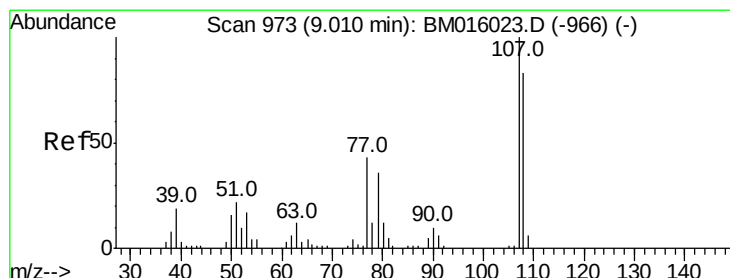
Ion Ratio Lower Upper

107 100

108 75.3 73.2 113.2

77 66.7 10.7 50.7#

79 71.0 9.6 49.6#

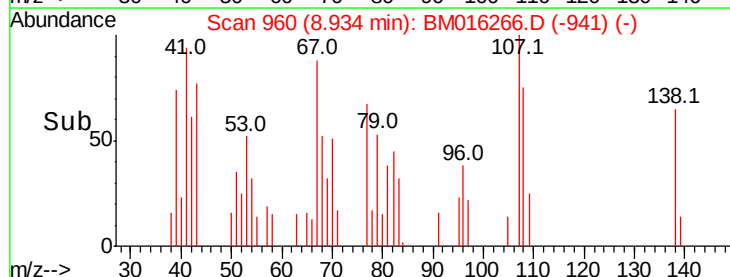
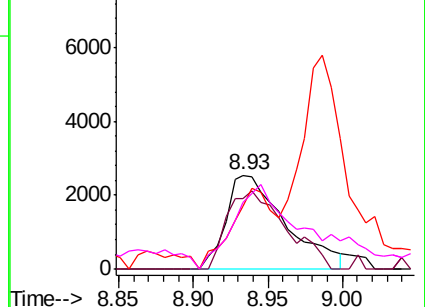


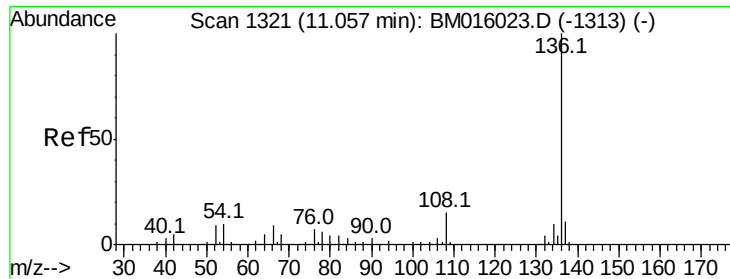
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

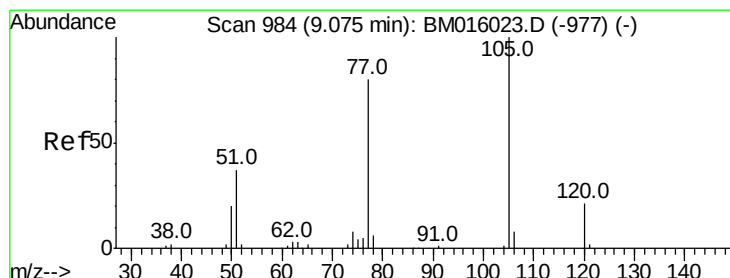
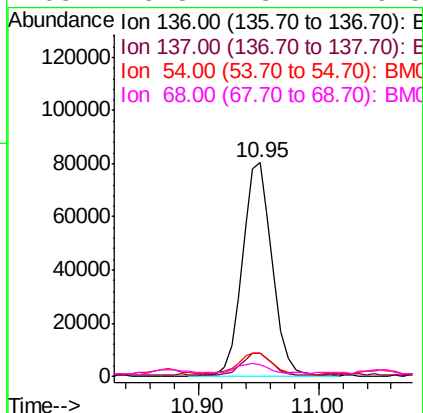
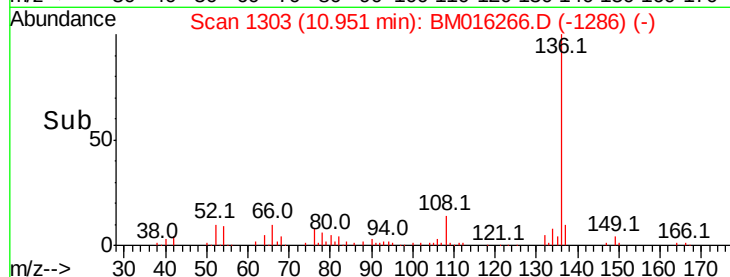
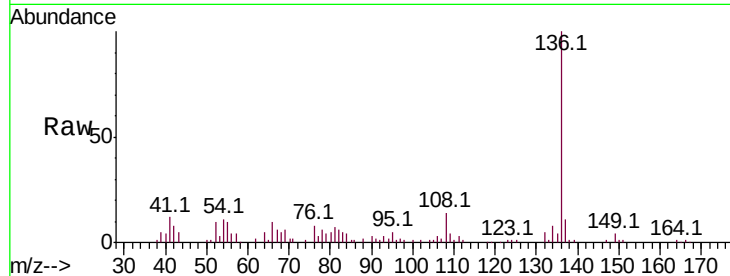




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

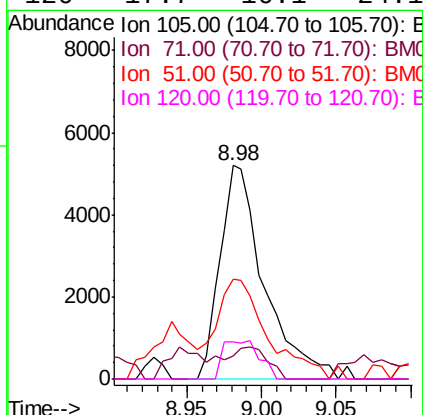
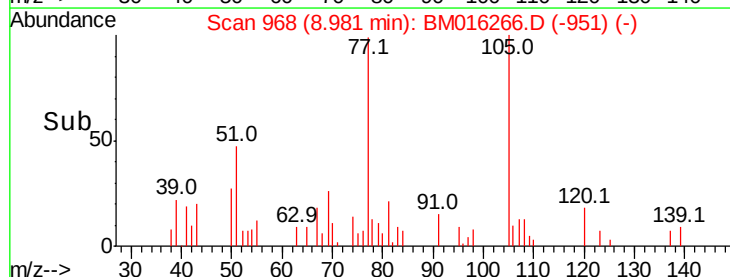
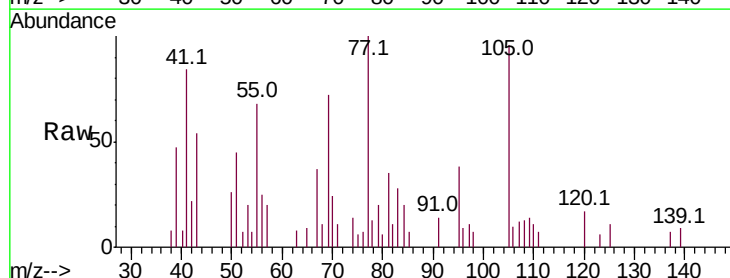
Instrument :
BNA_M
ClientSampleId :

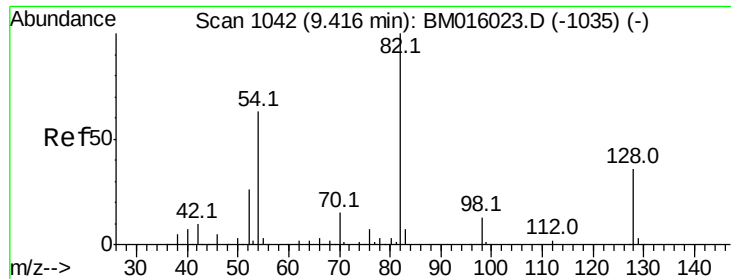
Tot Ion:136	Resp:	137371
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.7	13.1
54 10.5	4.6	6.8#
68 5.3	3.7	5.5



#22
Acetophenone
Concen: 3.109 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt	Ion:105	Resp:	10754
Ion	Ratio	Lower	Upper
105	100		
71	11.0	0.6	1.0#
51	46.8	21.6	32.4#
120	17.7	16.1	24.1

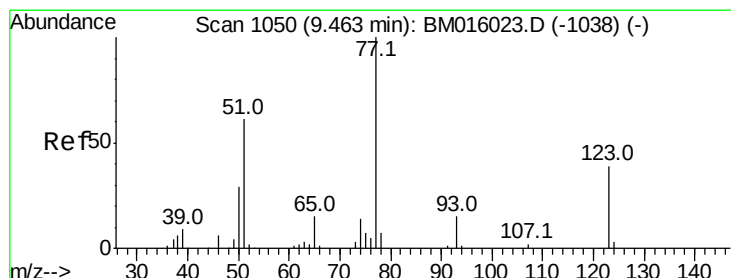
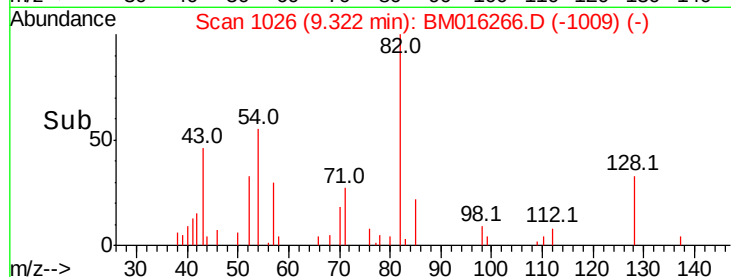
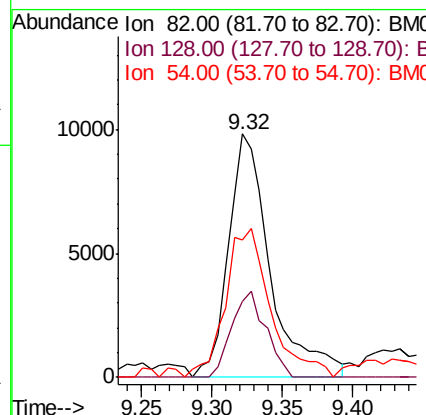
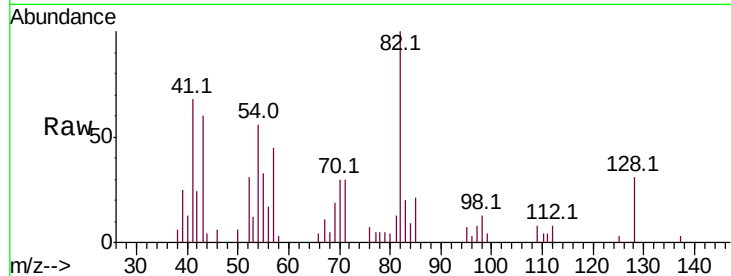




#23
 Nitrobenzene-d5
 Concen: 3.109 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

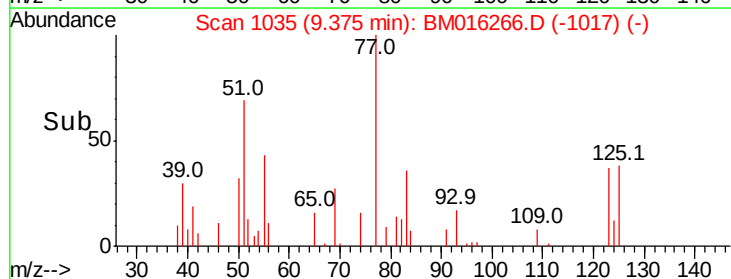
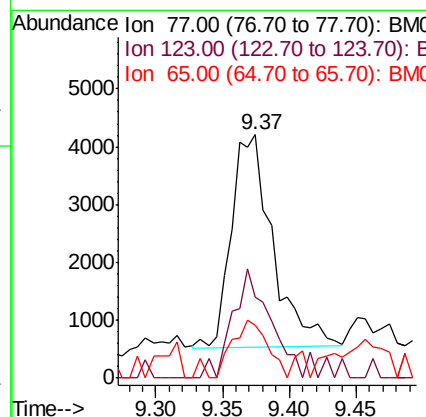
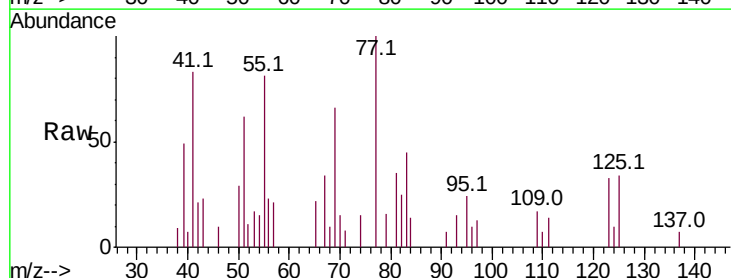
Instrument :
 BNA_M
 ClientSampleId :

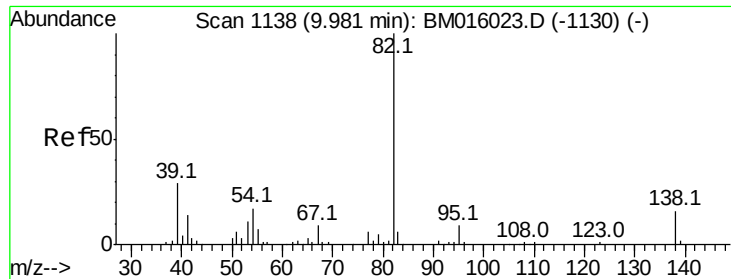
Tot Ion: 82 Resp: 20413
 Ion Ratio Lower Upper
 82 100
 128 31.3 32.8 49.2#
 54 56.3 40.6 60.8



#24
 Nitrobenzene
 Concen: 2.660 ng
 RT: 9.37 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion: 77 Resp: 7909
 Ion Ratio Lower Upper
 77 100
 123 33.4 32.6 49.0
 65 22.0 10.9 16.3#

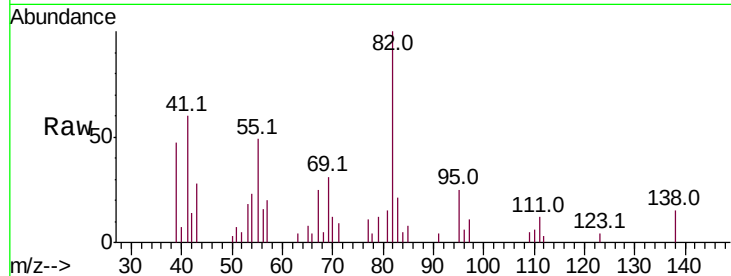




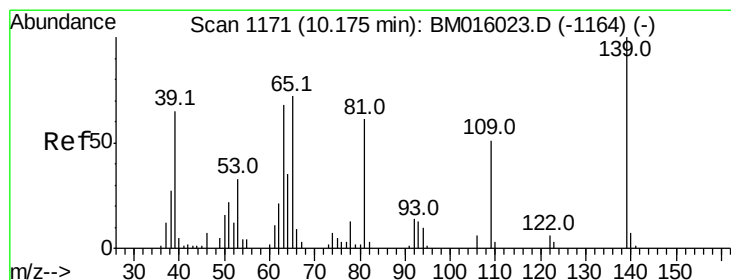
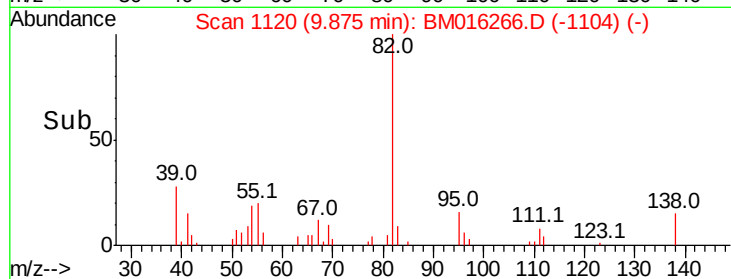
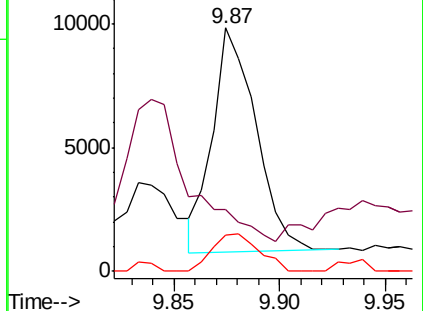
#25
Isophorone
Concen: 3.220 ng
RT: 9.87 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 13007
Ion Ratio Lower Upper
82 100
95 25.3 5.8 8.6#
138 14.6 16.3 24.5#

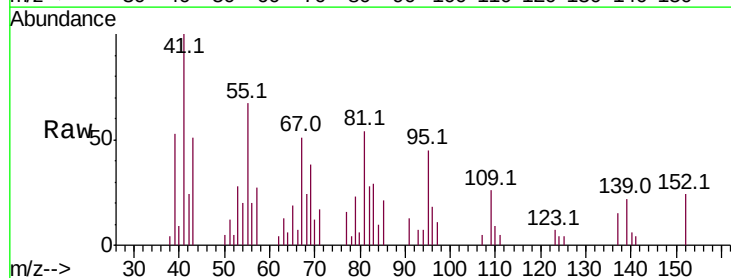


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

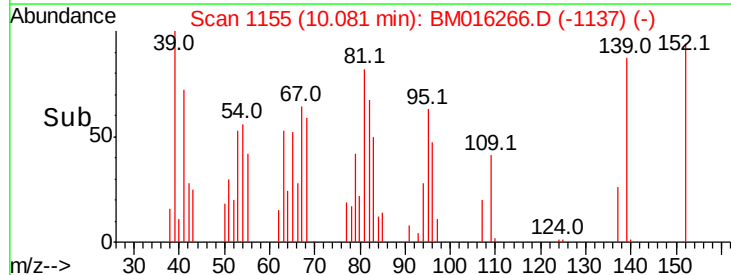
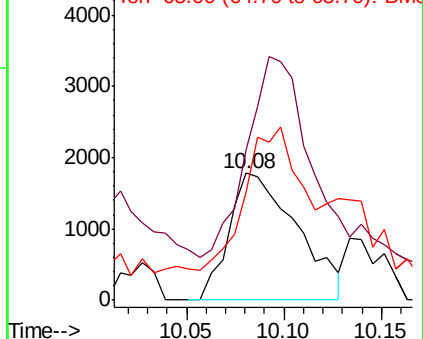


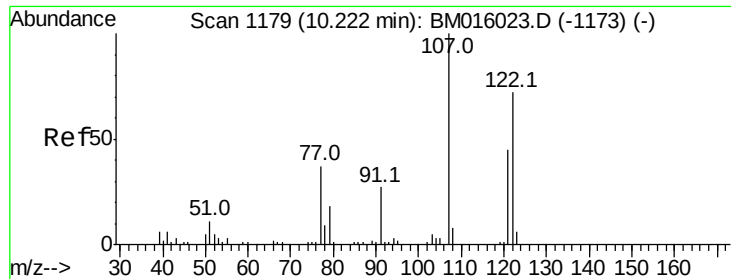
#26
2-Nitrophenol
Concen: 3.470 ng
RT: 10.08 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:139 Resp: 4306
Ion Ratio Lower Upper
139 100
109 118.9 20.1 30.1#
65 85.4 31.5 47.3#



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

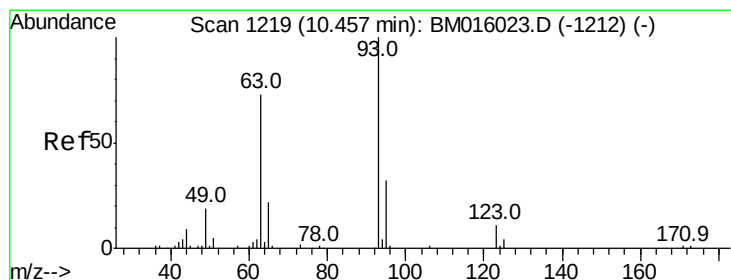
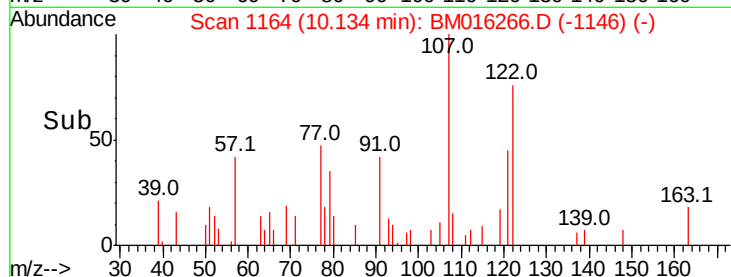
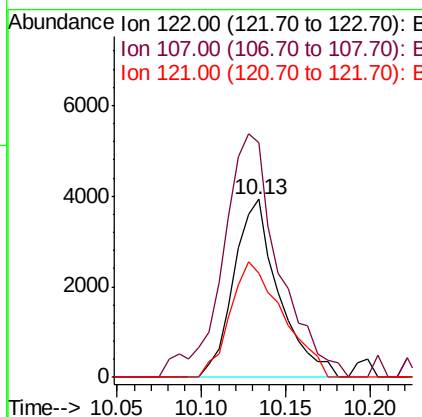
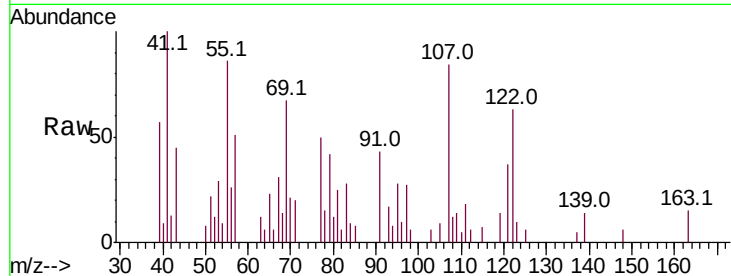




#27
2,4-Dimethylphenol
Concen: 4.225 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

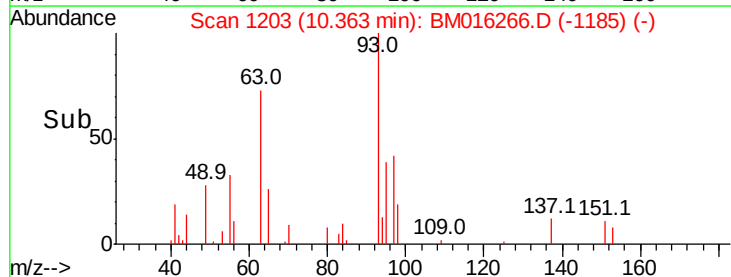
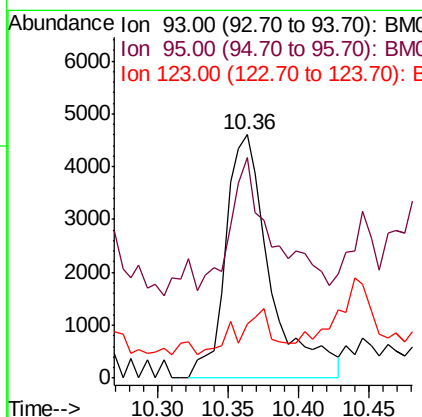
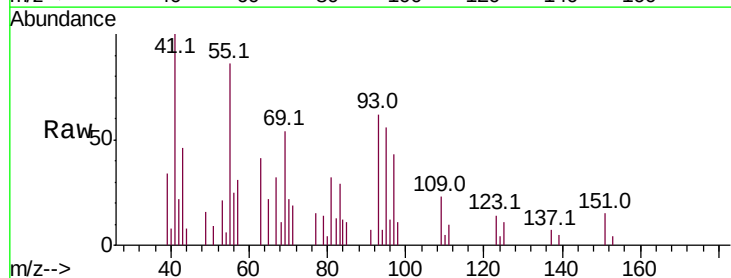
Instrument :
BNA_M
ClientSampled :

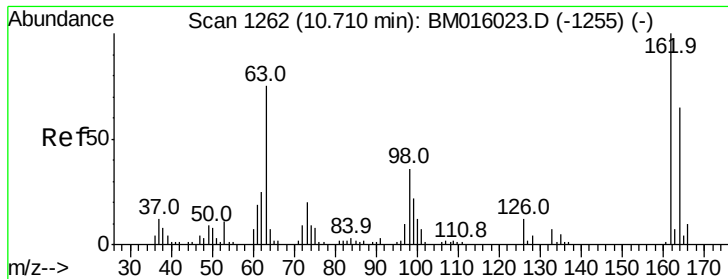
Tot Ion:122 Resp: 7305
Ion Ratio Lower Upper
122 100
107 132.1 84.7 127.1#
121 58.8 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 3.867 ng
RT: 10.36 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion: 93 Resp: 10153
Ion Ratio Lower Upper
93 100
95 90.6 25.5 38.3#
123 22.0 8.6 13.0#

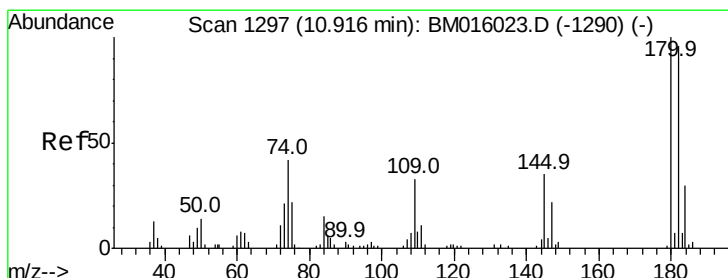
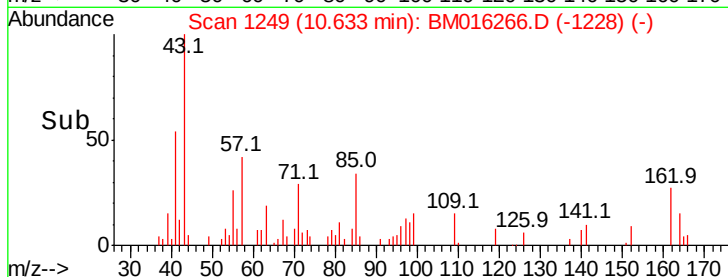
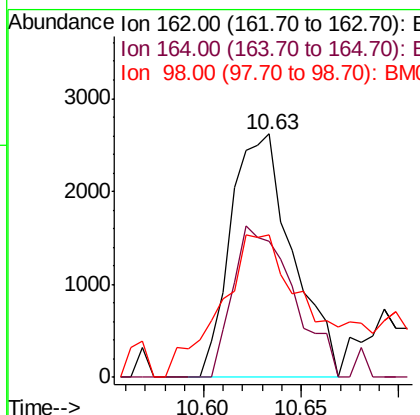
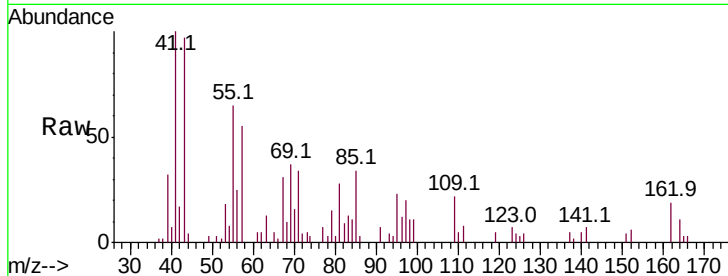




#29
 2,4-Dichlorophenol
 Concen: 2.788 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. 0.02 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

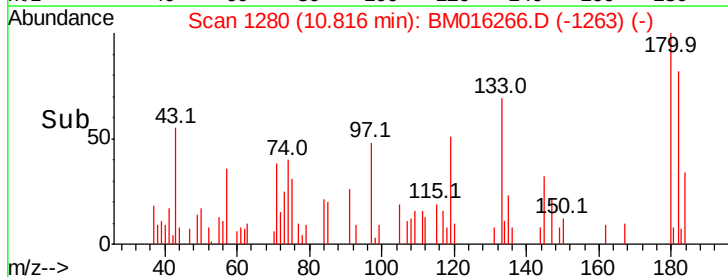
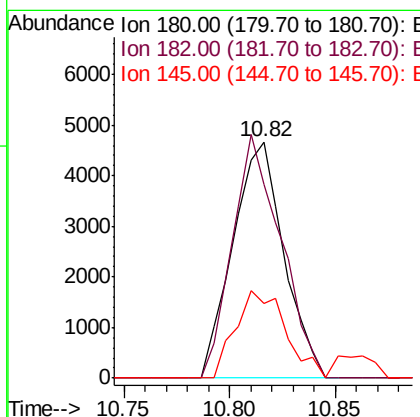
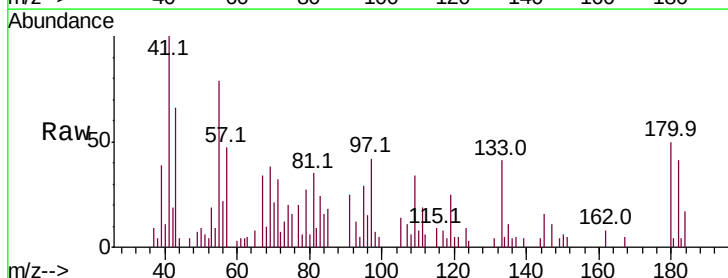
Instrument :
 BNA_M
 ClientSampleId :

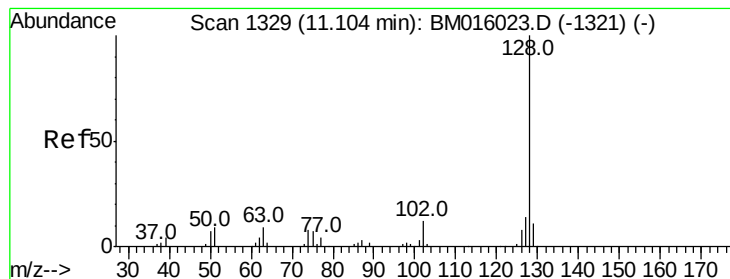
Tot Ion:162 Resp: 5729
 Ion Ratio Lower Upper
 162 100
 164 55.7 42.8 82.8
 98 58.5 14.5 54.5#



#30
 1,2,4-Trichlorobenzene
 Concen: 3.130 ng
 RT: 10.82 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion:180 Resp: 7814
 Ion Ratio Lower Upper
 180 100
 182 76.0 77.6 116.4#
 145 29.3 23.4 35.2





#31

Naphthalene

Concen: 3.740 ng

RT: 11.00 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

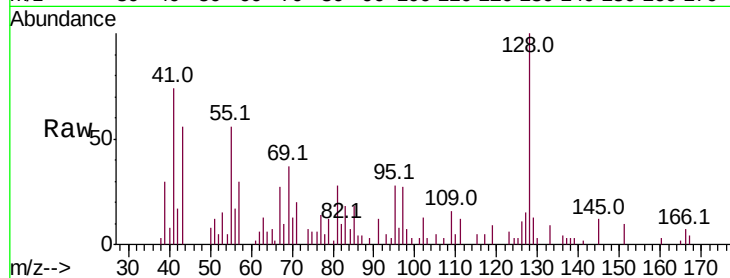
Tot Ion:128 Resp: 26003

Ion Ratio Lower Upper

128 100

129 12.7 8.9 13.3

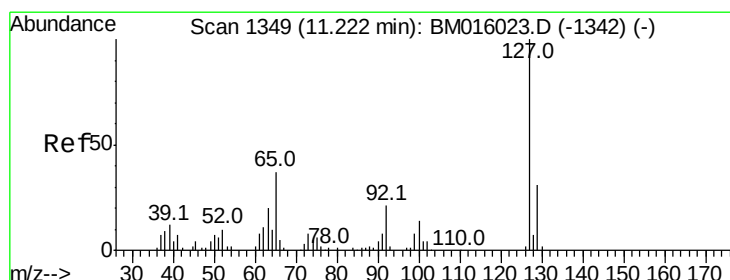
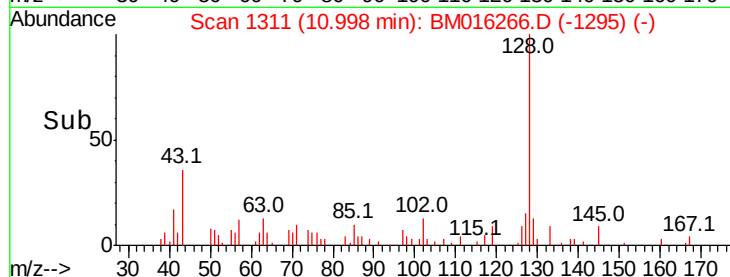
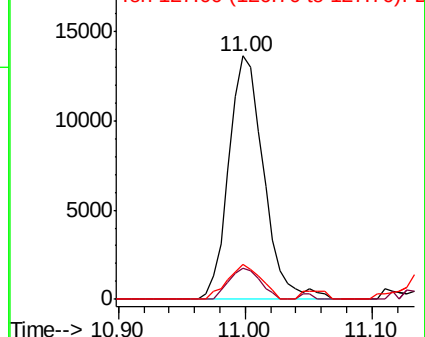
127 14.6 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 2.230 ng

RT: 11.15 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:127 Resp: 6327

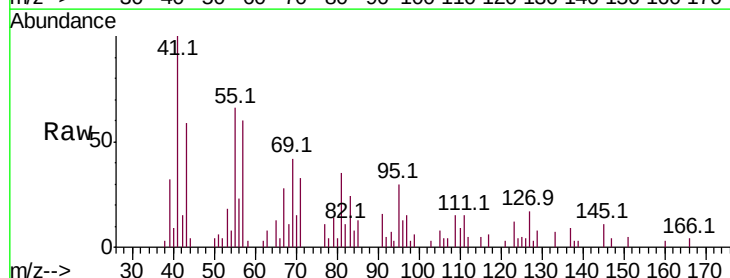
Ion Ratio Lower Upper

127 100

129 47.5 25.3 37.9#

65 73.2 17.6 26.4#

92 27.1 13.1 19.7#

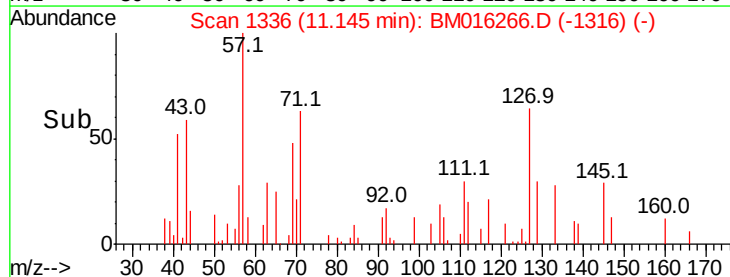
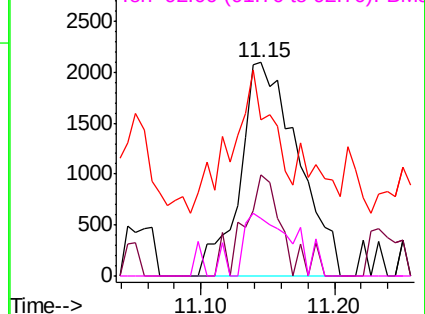


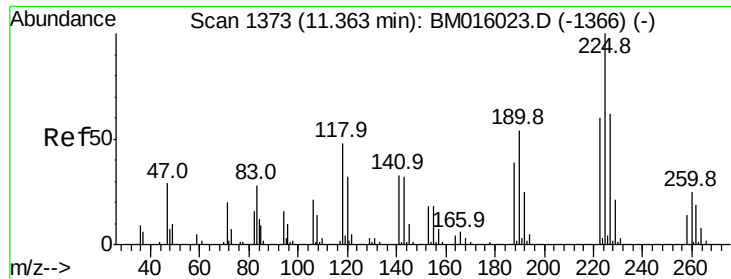
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0





#34

Hexachlorobutadiene

Concen: 3.122 ng

RT: 11.26 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampled :

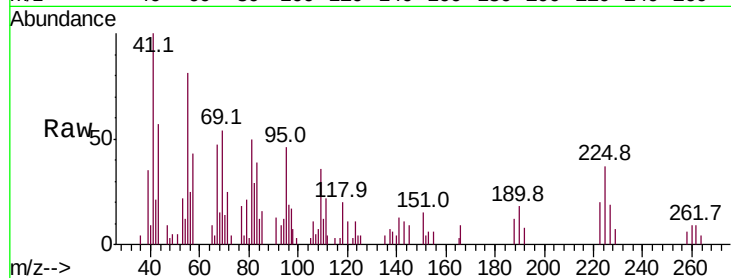
Tot Ion:225 Resp: 5406

Ion Ratio Lower Upper

225 100

223 54.8 47.9 71.9

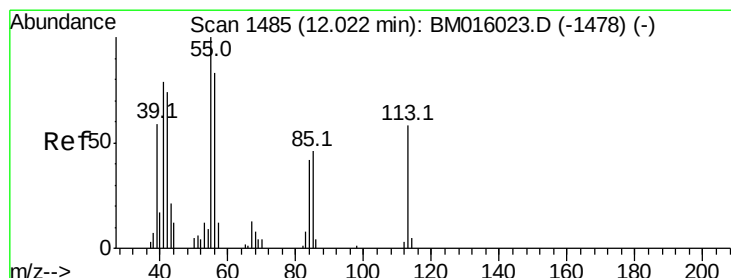
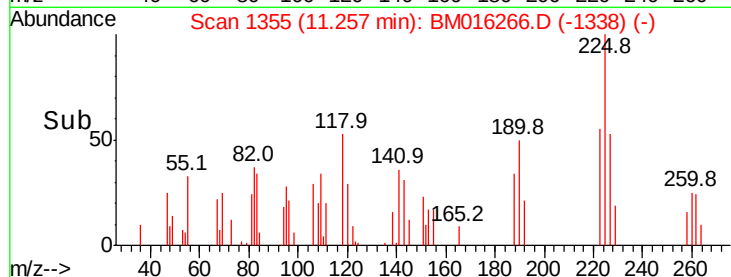
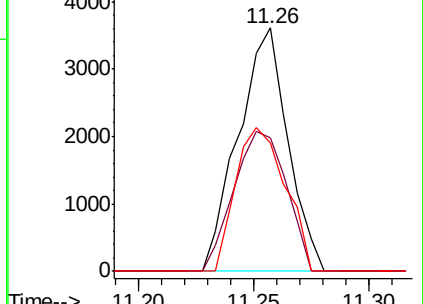
227 52.8 50.1 75.1



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: 31.331 ng

RT: 11.92 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

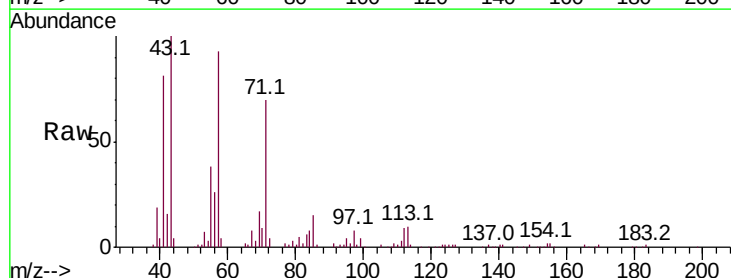
Tgt Ion:113 Resp: 17829

Ion Ratio Lower Upper

113 100

55 371.4 145.9 185.9#

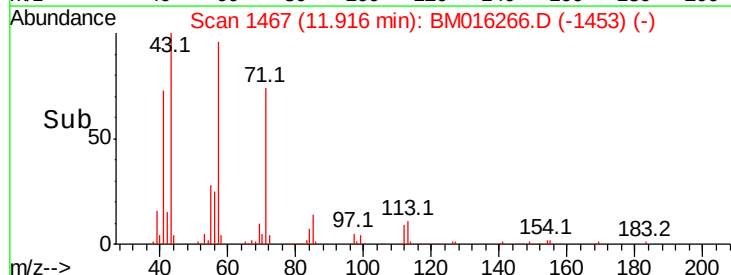
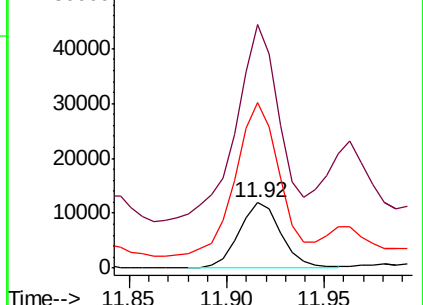
56 251.7 101.0 141.0#

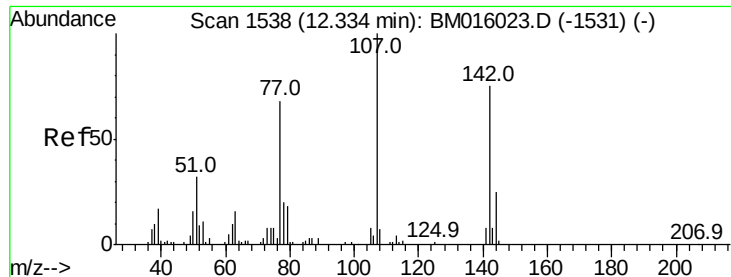


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

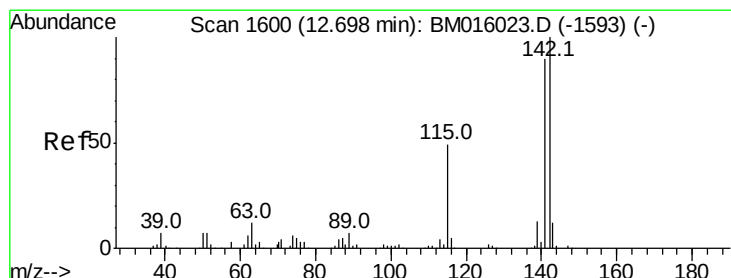
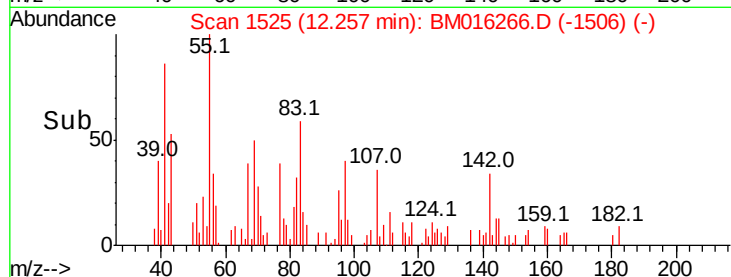
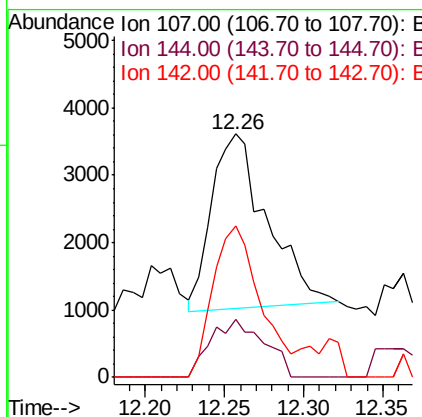
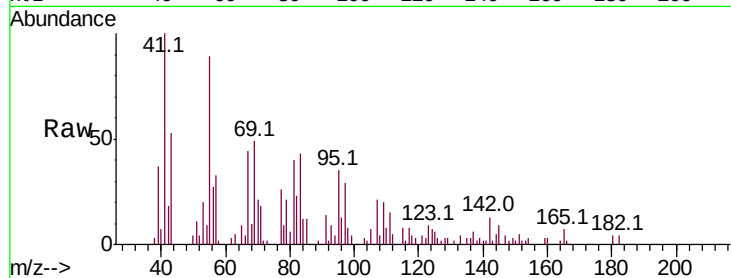




#36
 4-Chloro-3-methylphenol
 Concen: 2.783 ng
 RT: 12.26 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

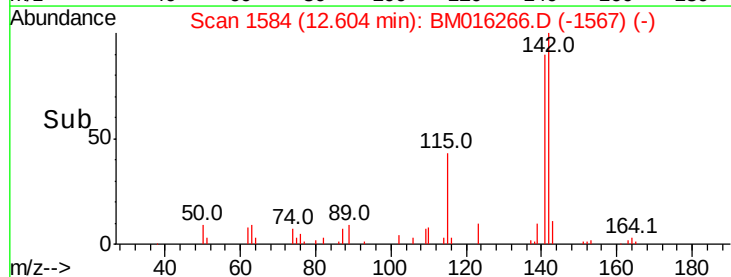
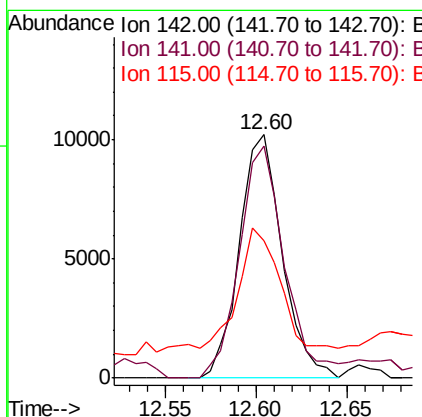
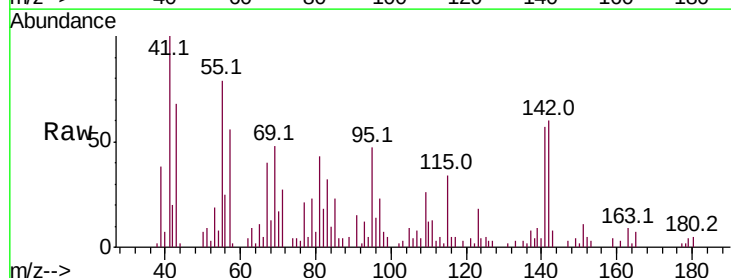
Instrument :
 BNA_M
 ClientSampled :

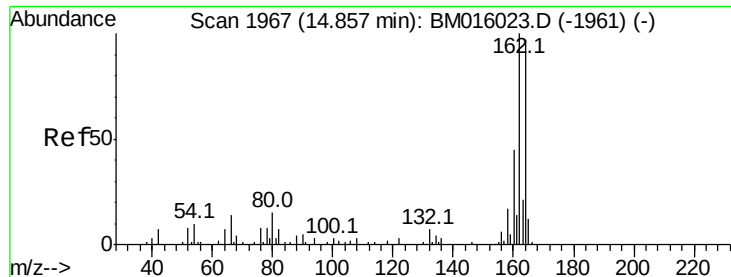
Tot Ion:107 Resp: 6289
 Ion Ratio Lower Upper
 107 100
 144 23.7 23.3 34.9
 142 62.1 72.6 109.0#



#37
 2-Methylnaphthalene
 Concen: 3.618 ng
 RT: 12.60 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion:142 Resp: 16850
 Ion Ratio Lower Upper
 142 100
 141 95.4 71.9 107.9
 115 56.3 25.4 38.0#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

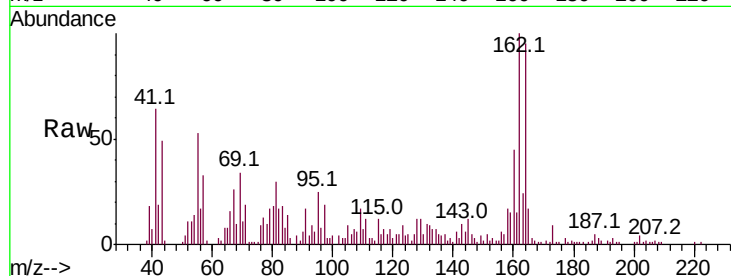
Tot Ion:164 Resp: 74182

Ion Ratio Lower Upper

164 100

162 105.3 82.4 123.6

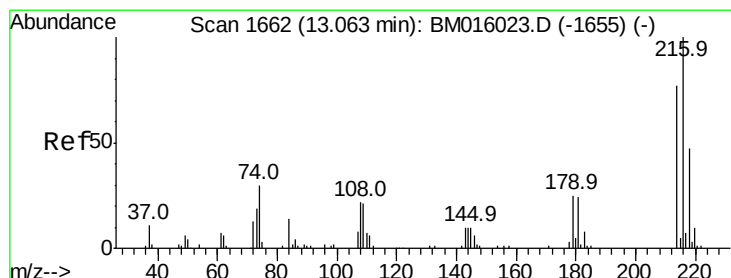
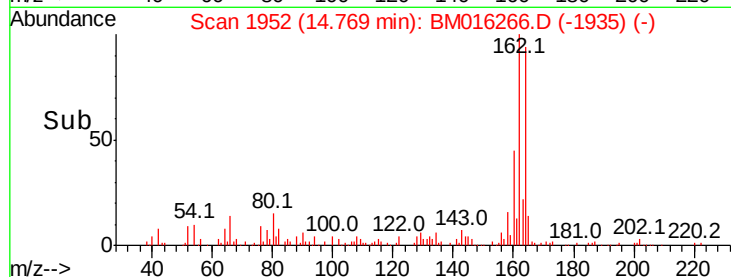
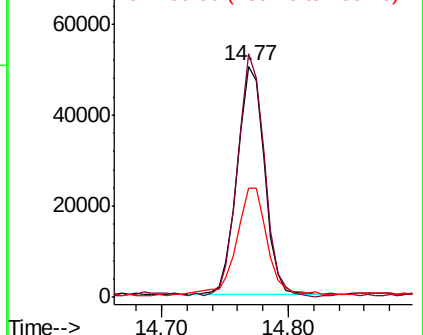
160 47.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.361 ng

RT: 12.97 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:216 Resp: 8488

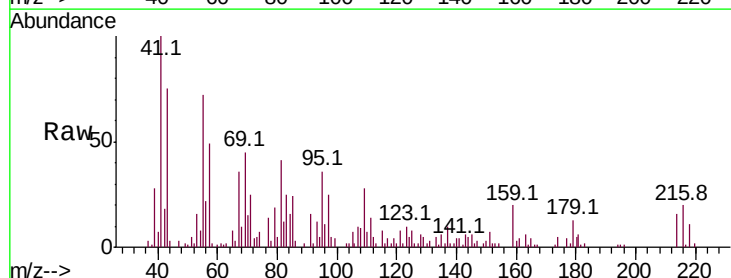
Ion Ratio Lower Upper

216 100

214 77.5 0.0 0.0#

179 64.2 0.0 0.0#

108 34.4 0.0 0.0#

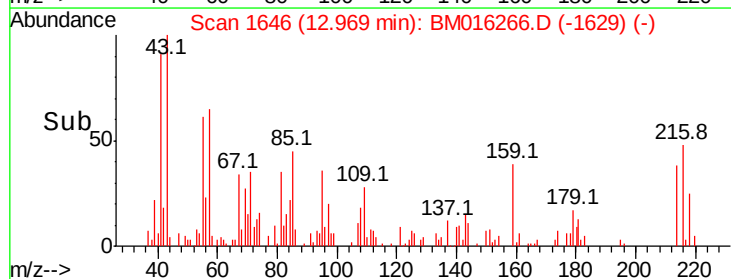
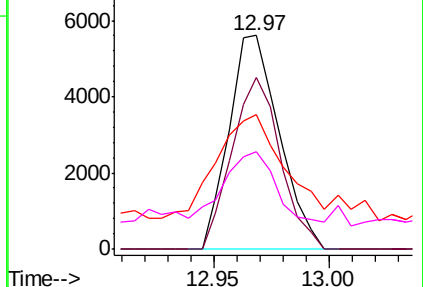


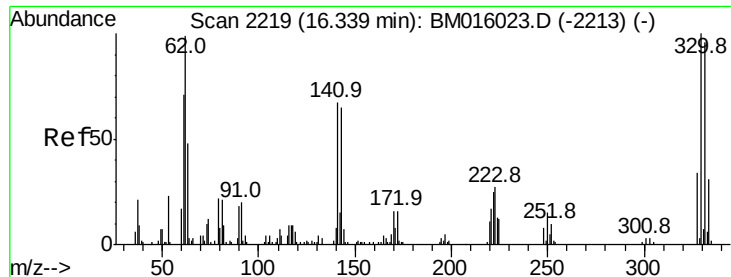
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

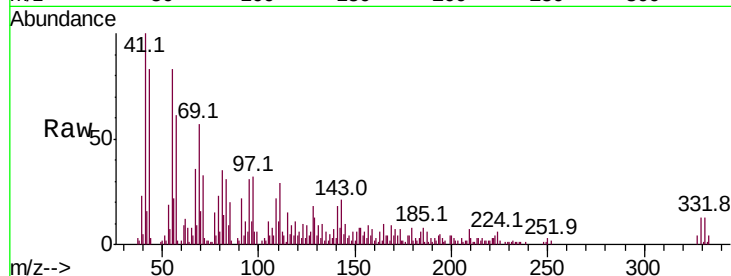




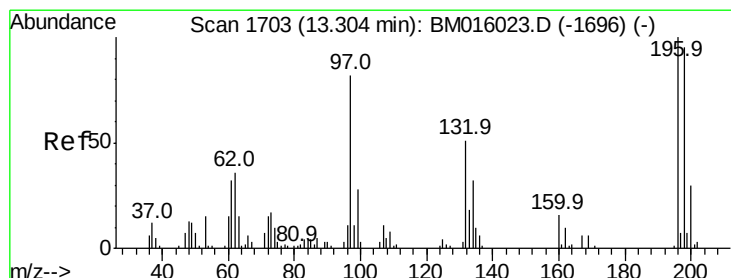
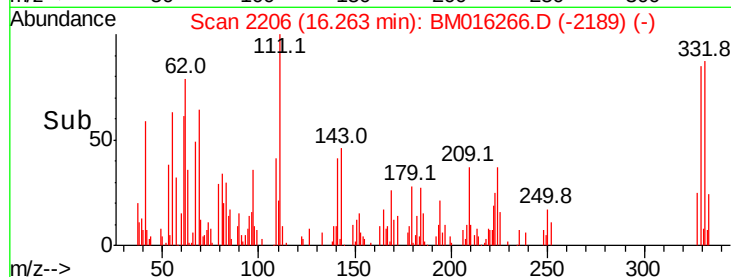
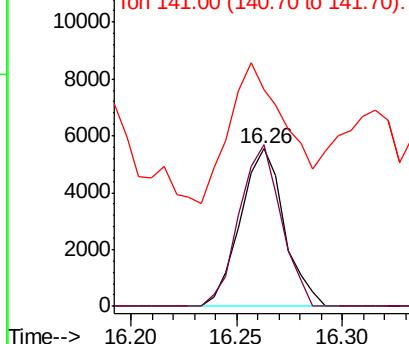
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 8009
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 113.3 0.0 0.0#

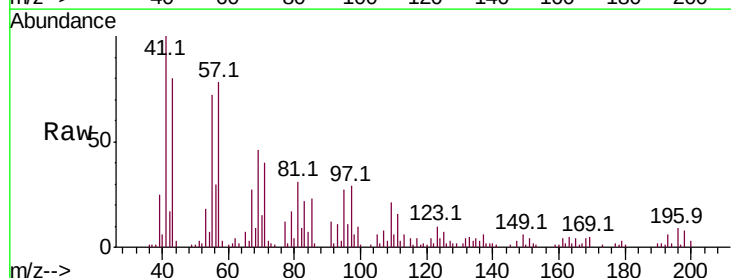


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

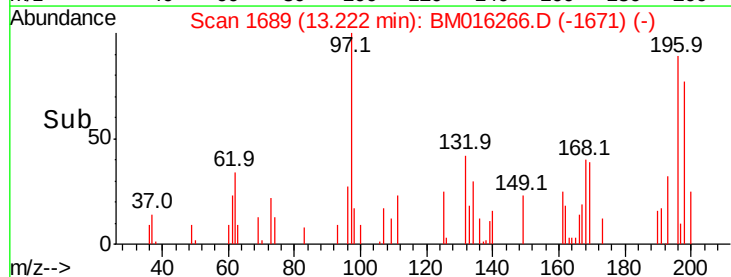
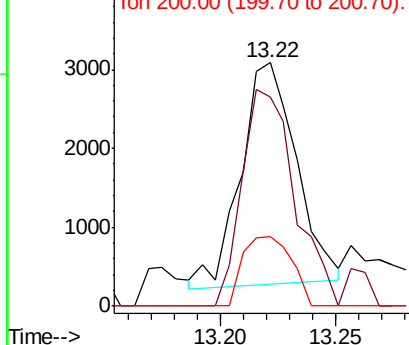


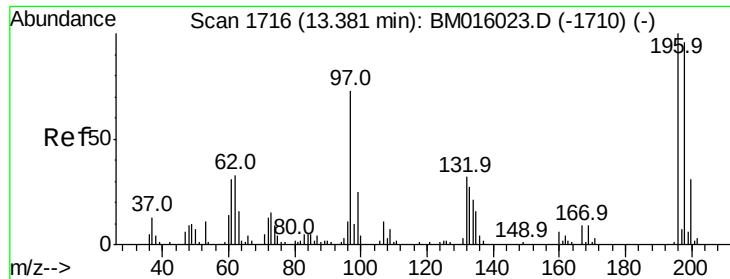
#42
 2,4,6-Trichlorophenol
 Concen: 2.966 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion:196 Resp: 4687
 Ion Ratio Lower Upper
 196 100
 198 85.9 76.3 114.5
 200 28.4 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

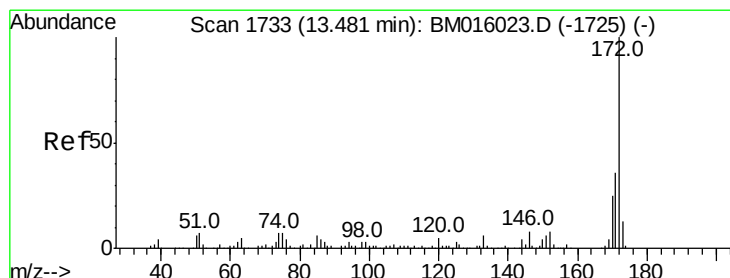
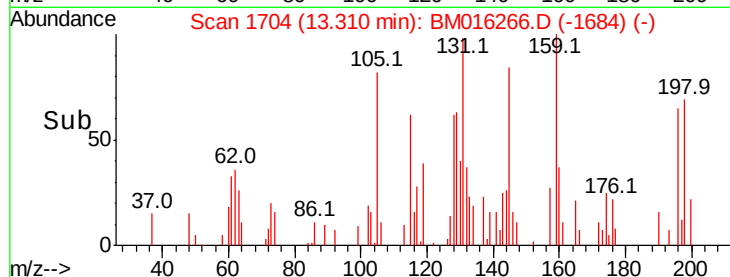
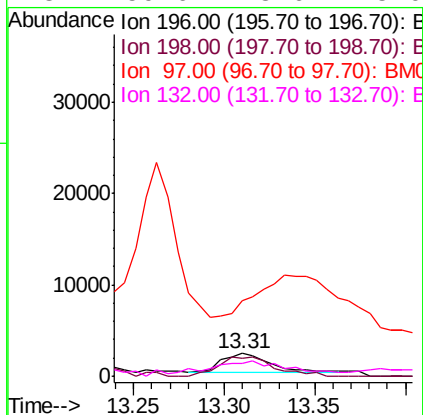
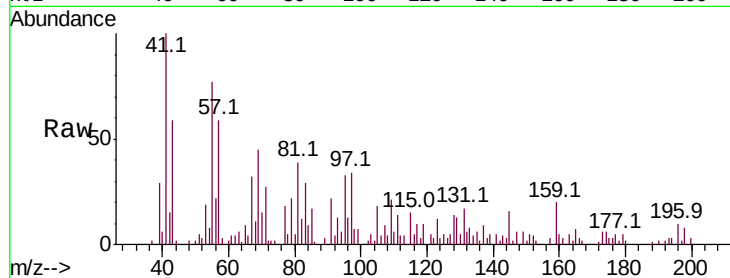




#43
 2,4,5-Trichlorophenol
 Concen: 2.259 ng
 RT: 13.31 min Scan# 1704
 Delta R.T. 0.02 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

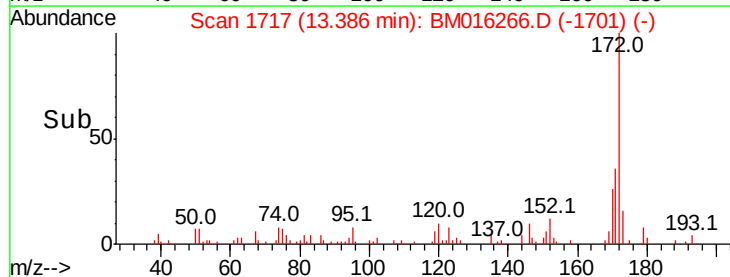
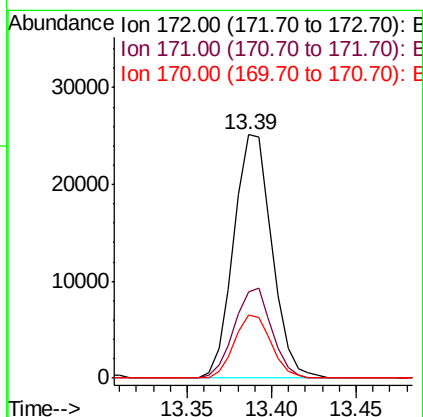
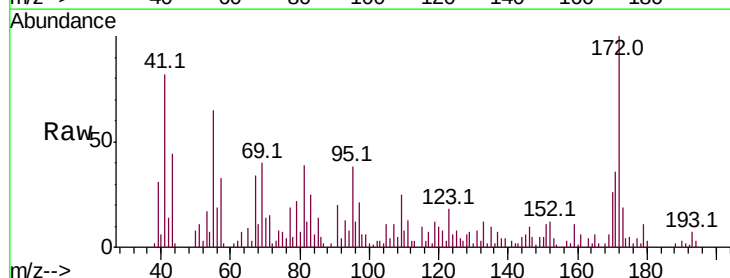
Instrument :
 BNA_M
 ClientSampleId :

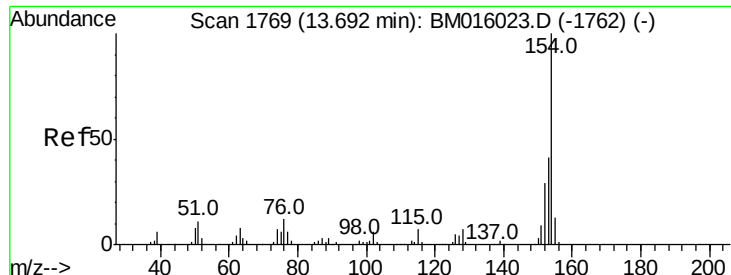
Tot Ion:196 Resp: 3682
 Ion Ratio Lower Upper
 196 100
 198 82.7 79.4 119.0
 97 337.8 26.8 40.2#
 132 59.6 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 2.259 ng
 RT: 13.39 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion:172 Resp: 39641
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 26.0 18.8 28.2





#45

1,1'-Biphenyl

Concen: 3.508 ng

RT: 13.60 min Scan# 1754

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

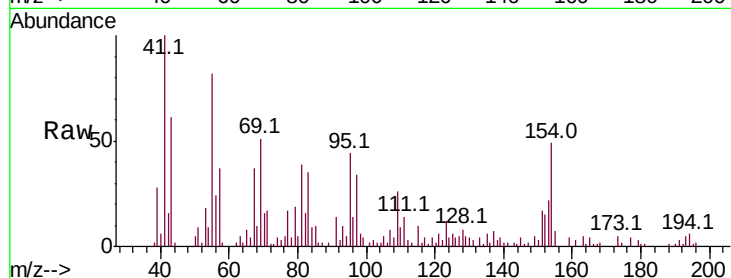
Tot Ion:154 Resp: 23488

Ion Ratio Lower Upper

154 100

153 44.1 20.7 60.7

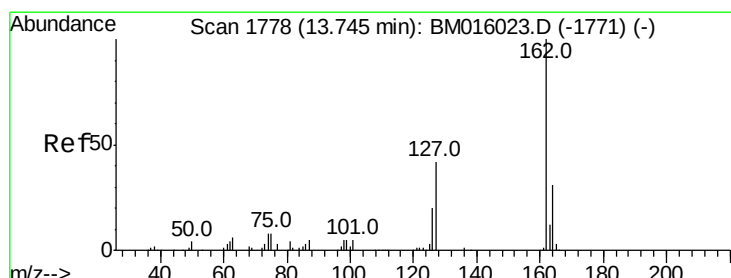
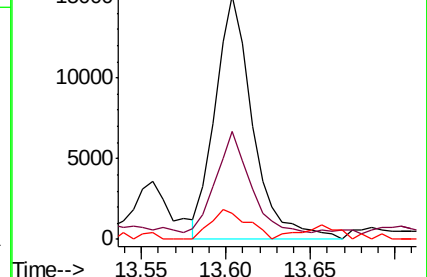
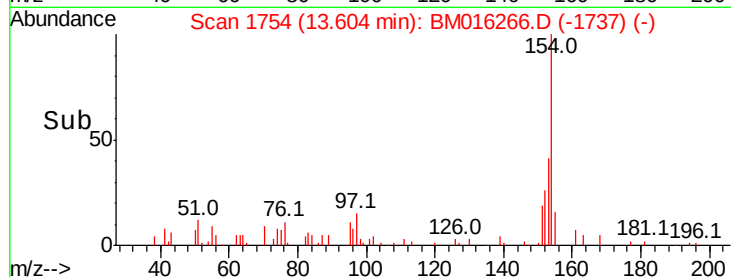
76 10.5 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 3.334 ng

RT: 13.66 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

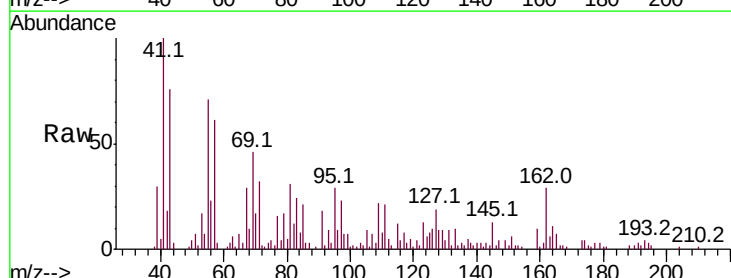
Tgt Ion:162 Resp: 17358

Ion Ratio Lower Upper

162 100

127 64.6 26.9 40.3#

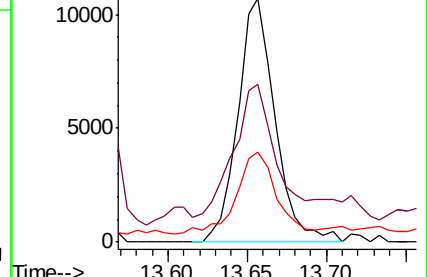
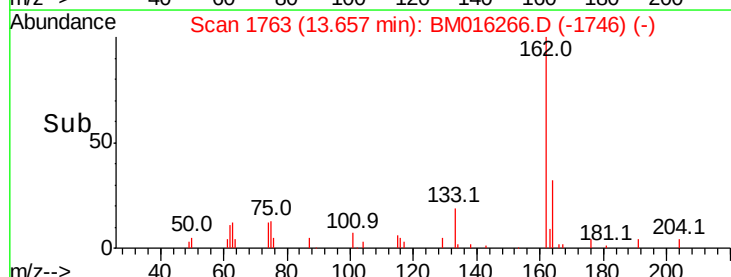
164 36.8 26.8 40.2

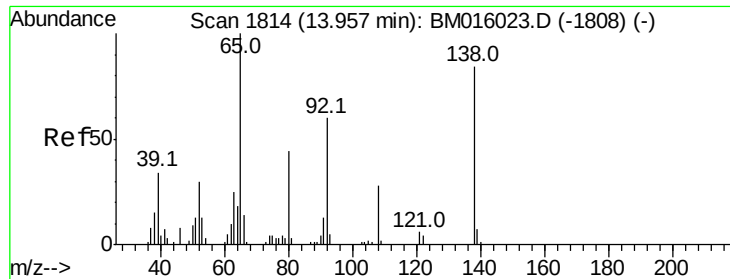


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

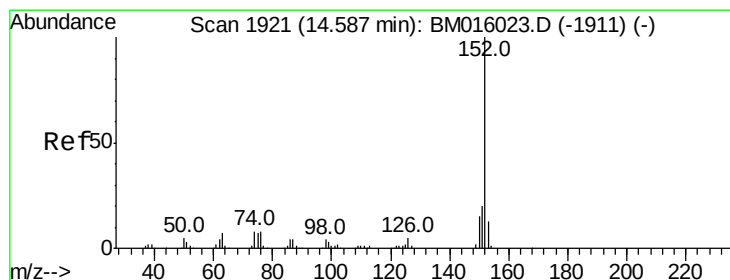
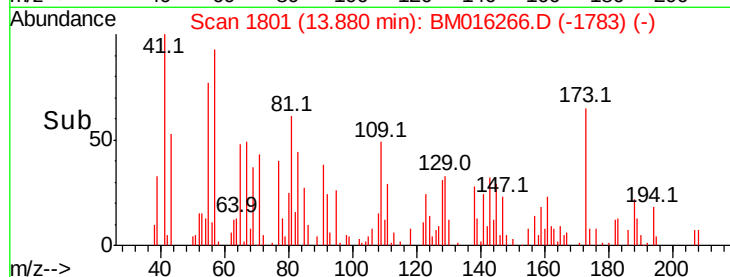
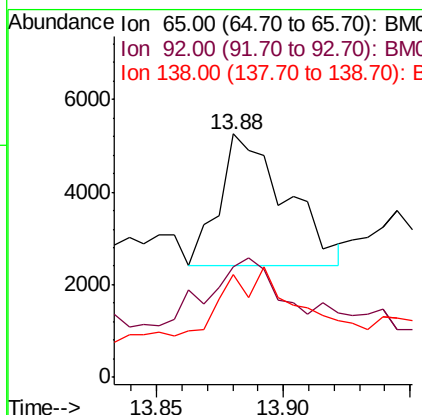
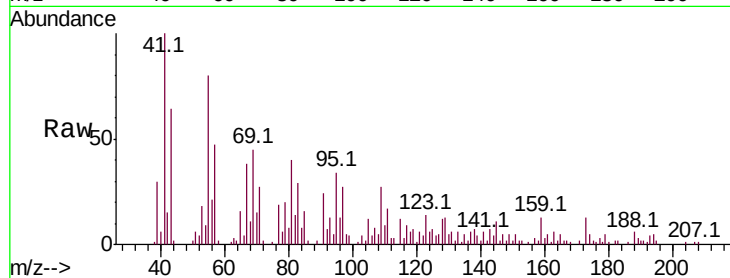




#47
2-Nitroaniline
Concen: 3.021 ng
RT: 13.88 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

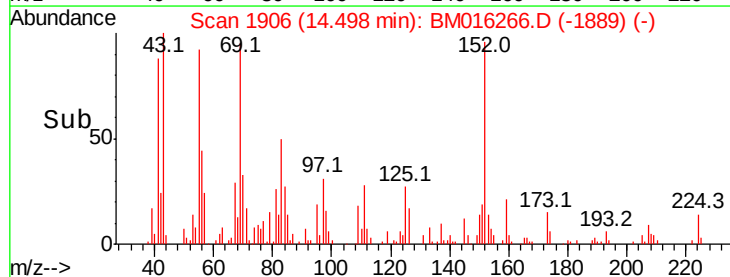
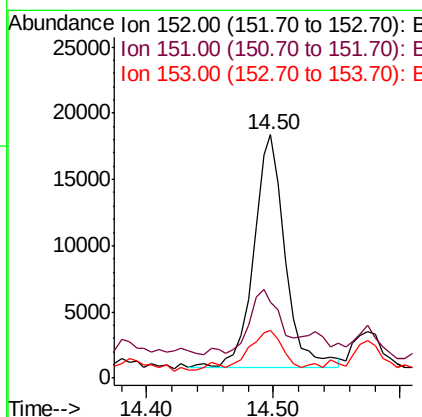
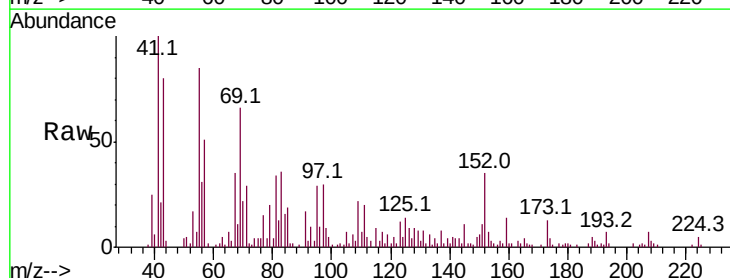
Instrument :
BNA_M
ClientSampleId :

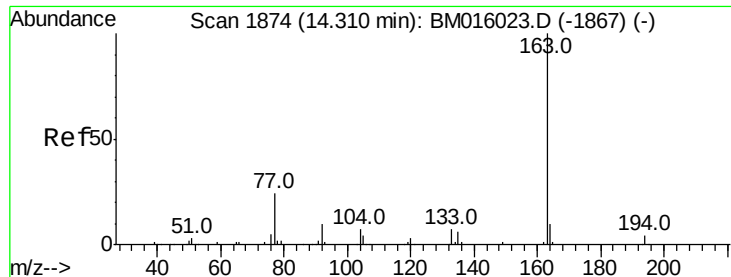
Tot Ion: 65 Resp: 5200
Ion Ratio Lower Upper
65 100
92 45.3 59.1 88.7#
138 42.2 93.9 140.9#



#48
Acenaphthylene
Concen: 3.959 ng
RT: 14.50 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:152 Resp: 30176
Ion Ratio Lower Upper
152 100
151 31.2 15.9 23.9#
153 19.8 10.6 16.0#





#49

Dimethylphthalate

Concen: 4.389 ng

RT: 14.22 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampled :

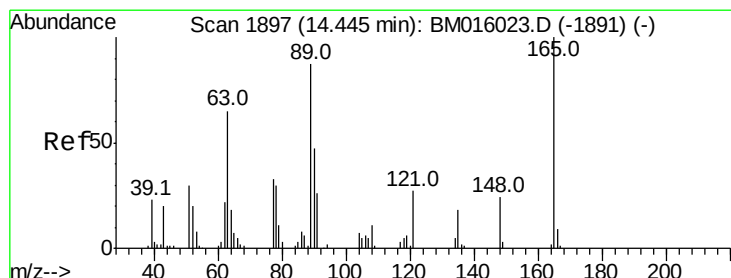
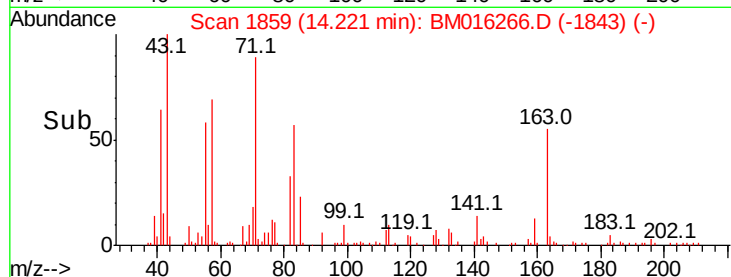
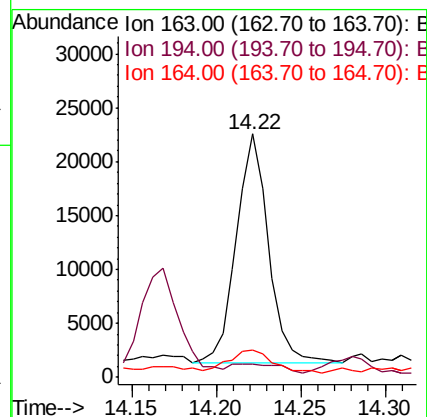
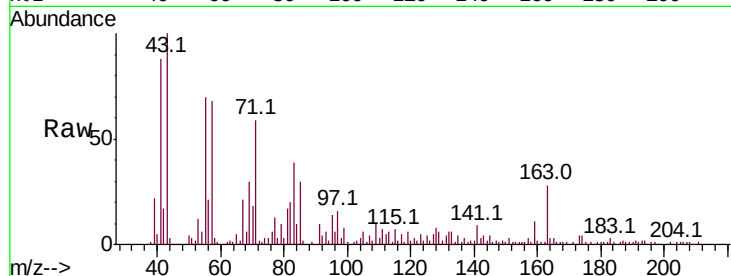
Tot Ion:163 Resp: 28492

Ion Ratio Lower Upper

163 100

194 5.5 2.7 4.1#

164 11.1 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 3.852 ng

RT: 14.36 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

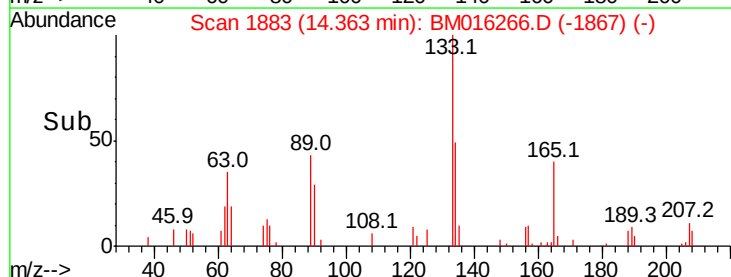
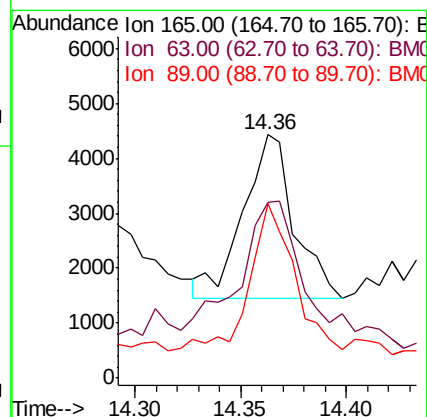
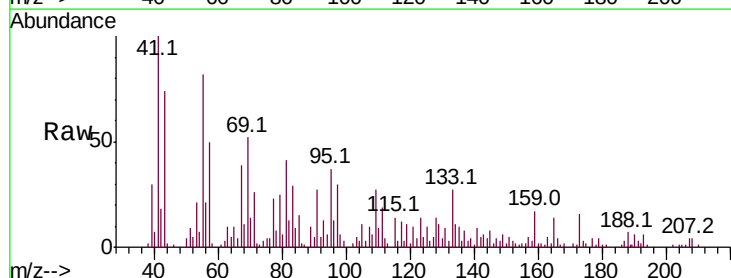
Tgt Ion:165 Resp: 5032

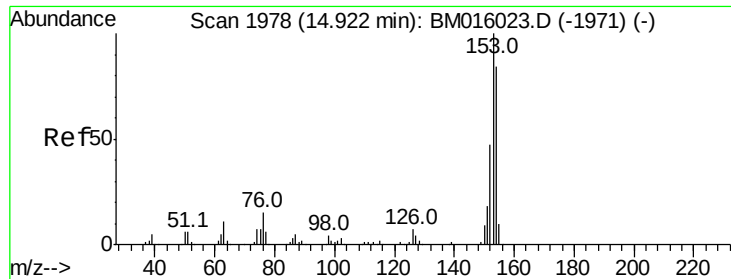
Ion Ratio Lower Upper

165 100

63 72.0 44.1 66.1#

89 71.8 44.3 66.5#





#51

Acenaphthene

Concen: 3.488 ng

RT: 14.83 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampled :

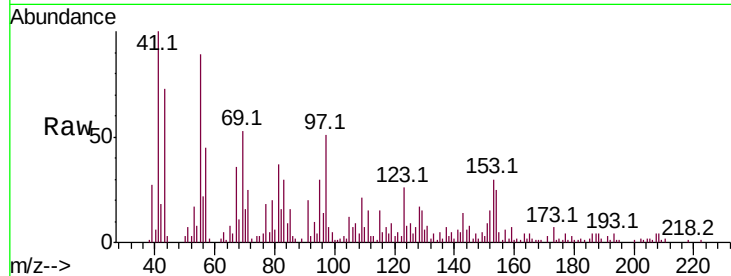
Tot Ion:154 Resp: 16350

Ion Ratio Lower Upper

154 100

153 120.0 90.0 135.0

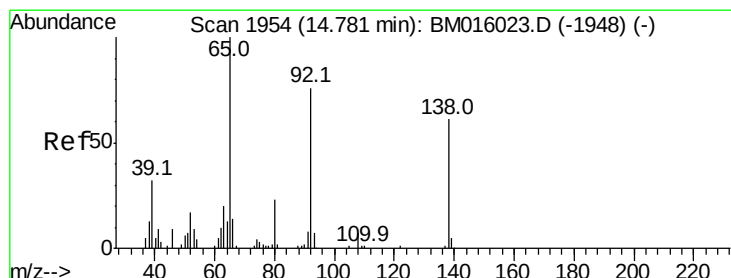
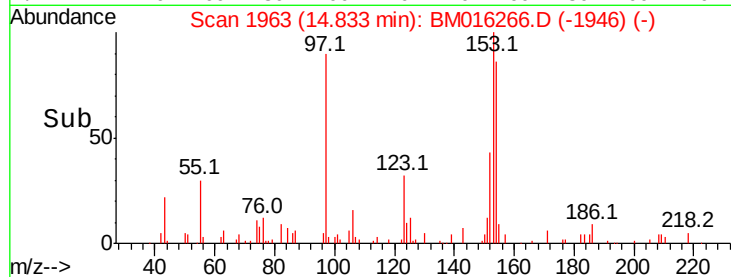
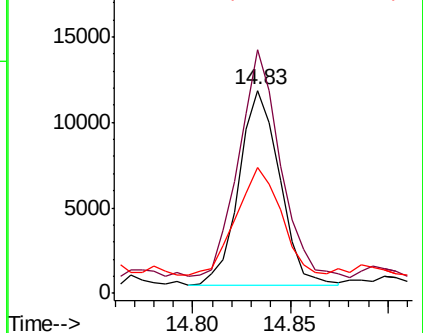
152 61.8 42.6 63.8



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: 3.551 ng

RT: 14.72 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

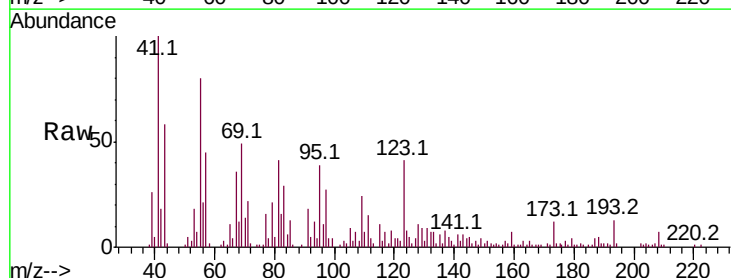
Tgt Ion:138 Resp: 5010

Ion Ratio Lower Upper

138 100

108 64.5 7.3 10.9#

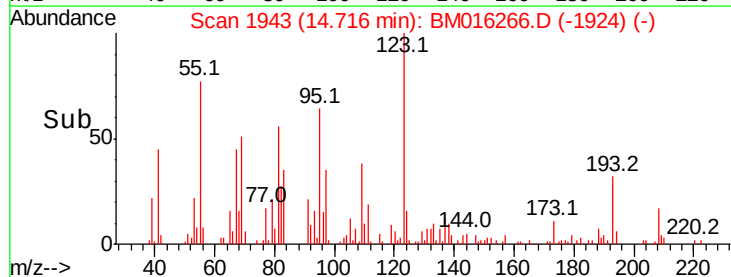
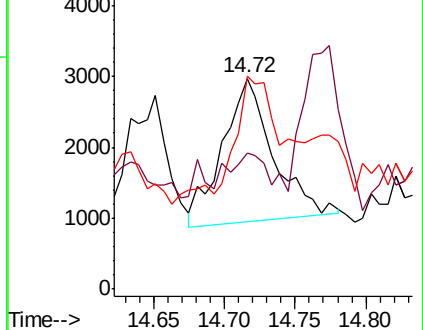
92 101.0 76.6 114.8

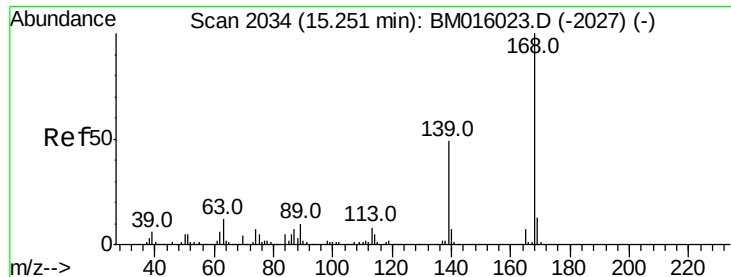


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#54

Dibenzofuran

Concen: 3.261 ng

RT: 15.17 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

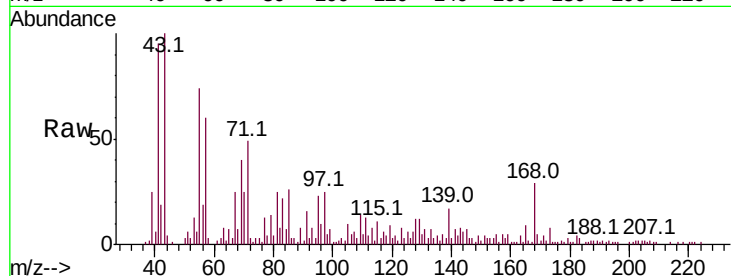
Tot Ion:168 Resp: 25190

Ion Ratio Lower Upper

168 100

139 57.7 27.3 40.9#

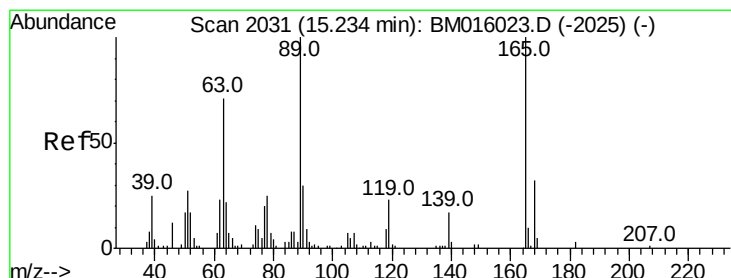
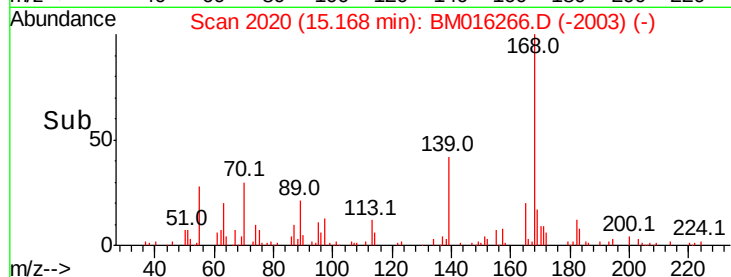
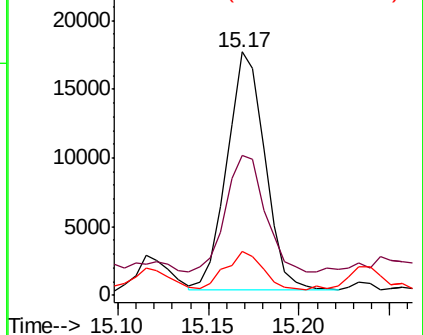
169 18.3 10.6 16.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 4.967 ng

RT: 15.16 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:165 Resp: 9277

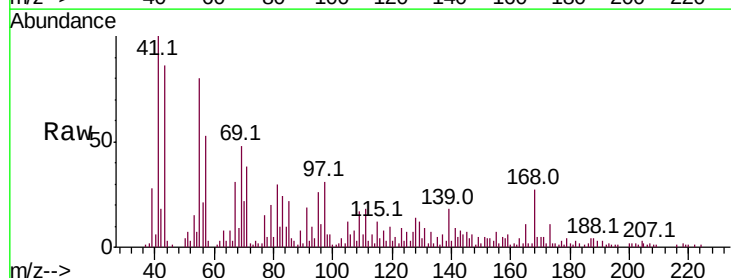
Ion Ratio Lower Upper

165 100

63 74.4 52.4 78.6

89 67.3 72.4 108.6#

182 26.7 2.0 3.0#

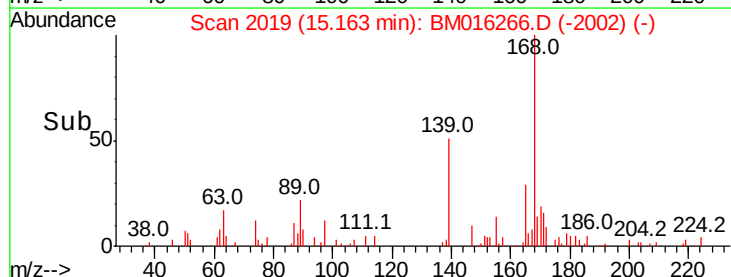
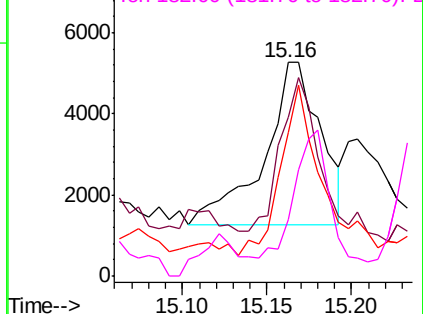


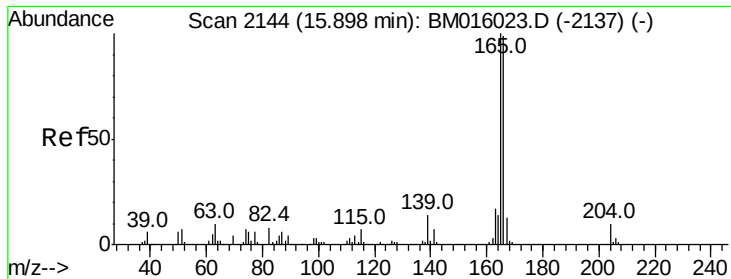
Abundance Ion 165.00 (164.70 to 165.70): E

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: 3.640 ng

RT: 15.82 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

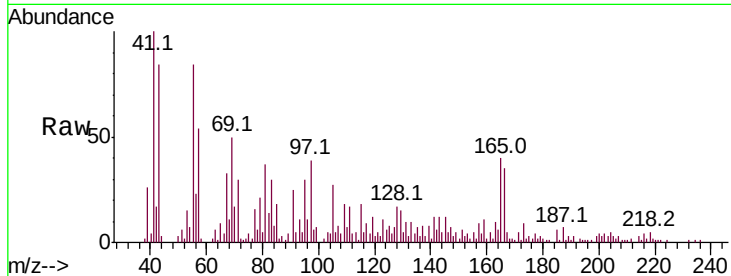
Tot Ion:166 Resp: 20898

Ion Ratio Lower Upper

166 100

165 114.8 79.0 118.4

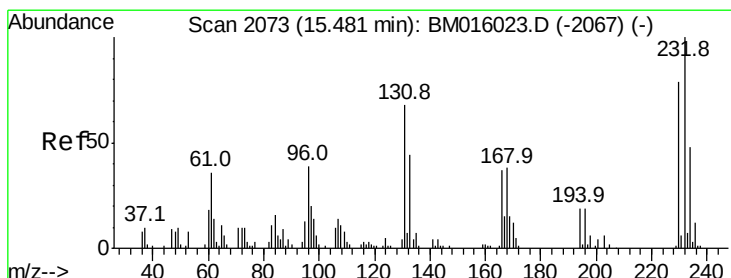
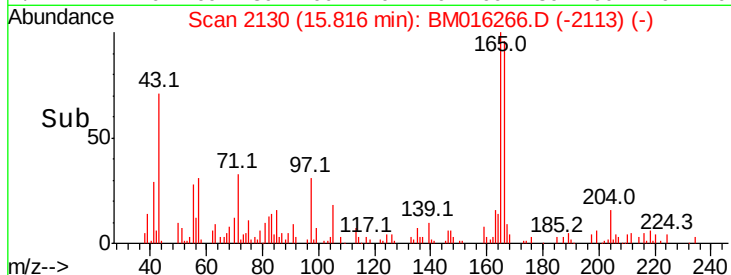
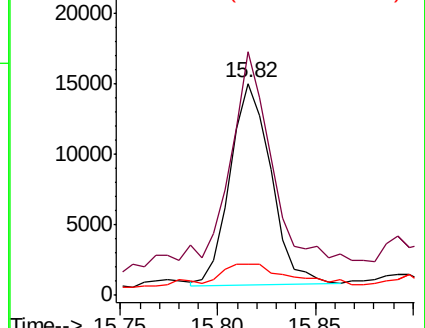
167 14.8 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.770 ng

RT: 15.40 min Scan# 2060

Delta R.T. 0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:232 Resp: 5282

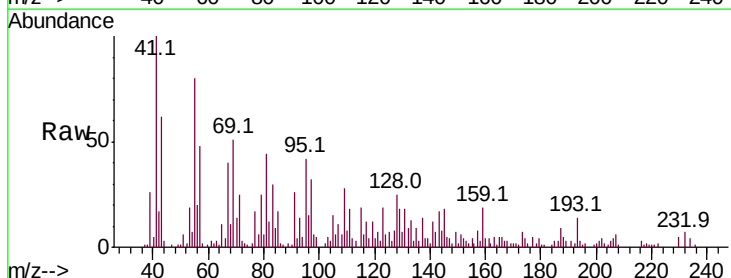
Ion Ratio Lower Upper

232 100

131 99.0 0.0 0.0#

130 30.3 0.0 0.0#

166 42.8 0.0 0.0#

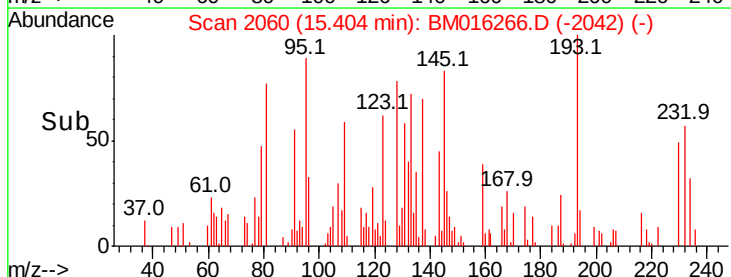
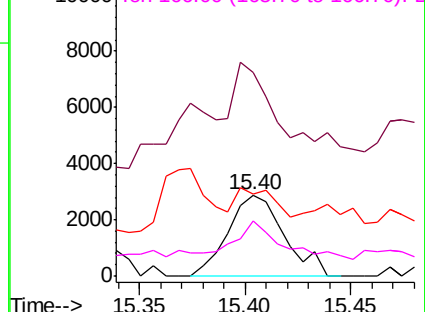


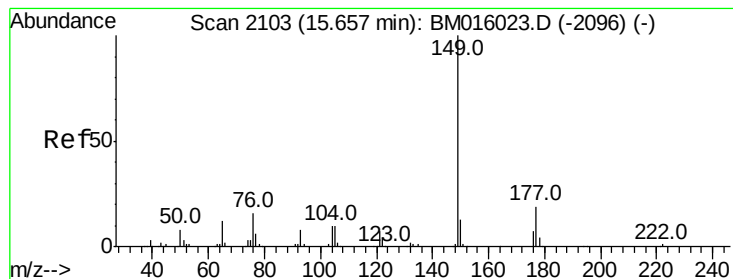
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 4.642 ng

RT: 15.57 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

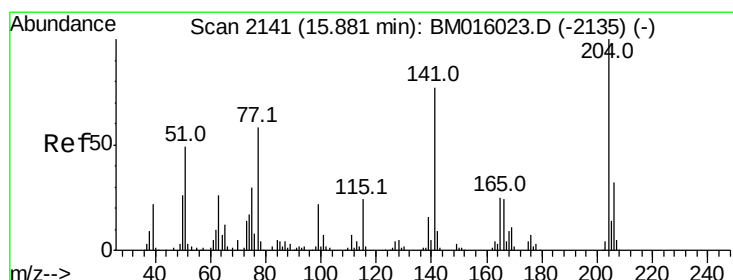
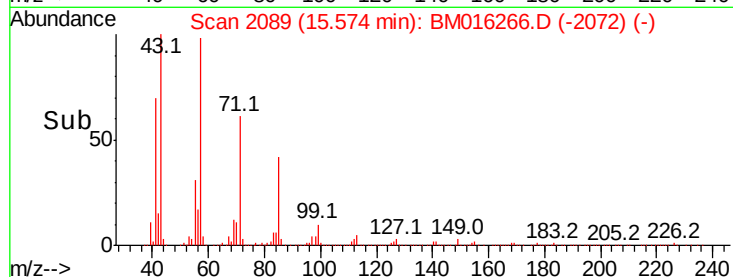
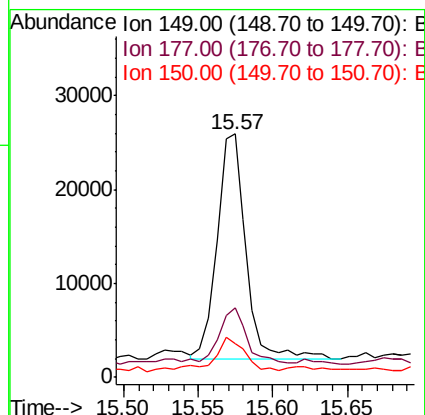
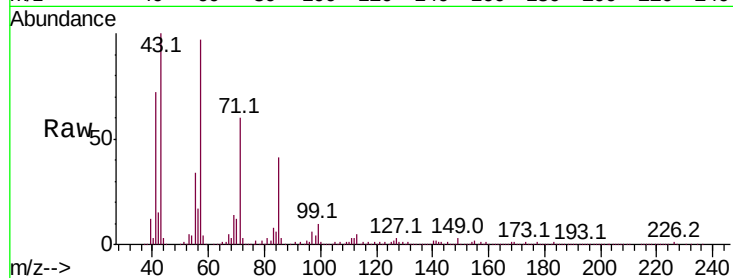
Tot Ion:149 Resp: 32483

Ion Ratio Lower Upper

149 100

177 28.6 18.3 27.5#

150 13.9 9.8 14.8



#60

4-Chlorophenyl-phenylether

Concen: 3.719 ng

RT: 15.80 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

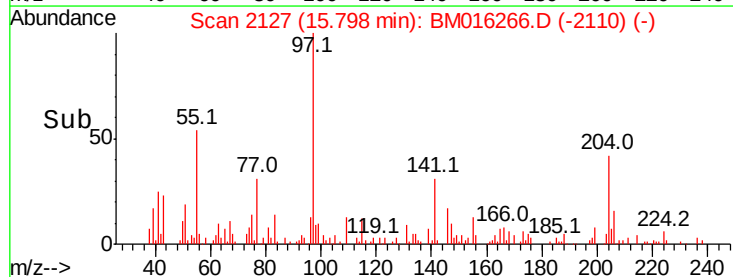
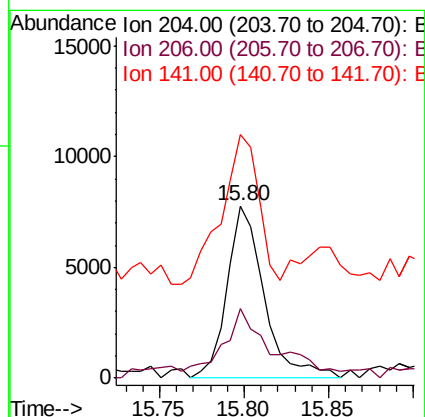
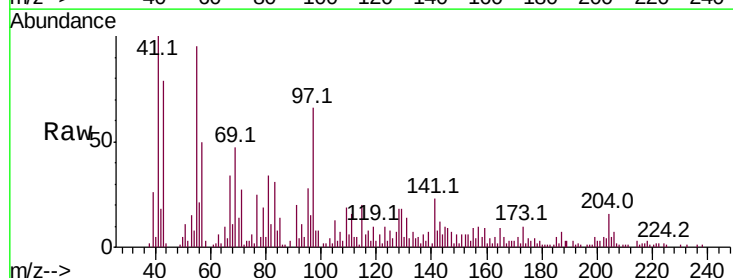
Tgt Ion:204 Resp: 11884

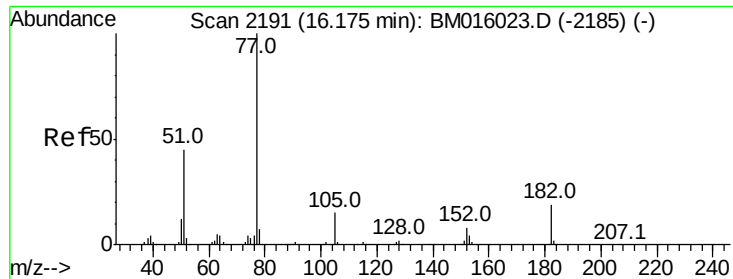
Ion Ratio Lower Upper

204 100

206 40.1 26.6 39.8#

141 141.1 45.2 67.8#





#62

Azobenzene

Concen: 3.244 ng

RT: 16.09 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 23903

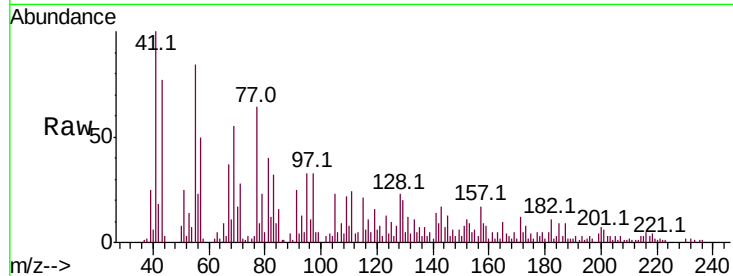
Ion Ratio Lower Upper

77 100

182 16.7 6.5 46.5

105 35.8 3.8 43.8

51 39.3 5.5 45.5

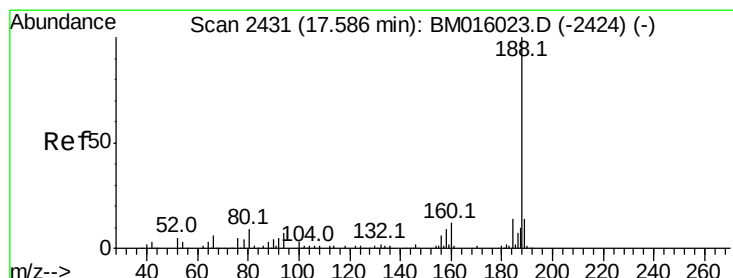
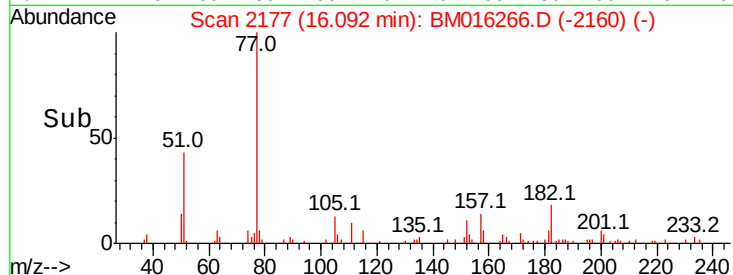
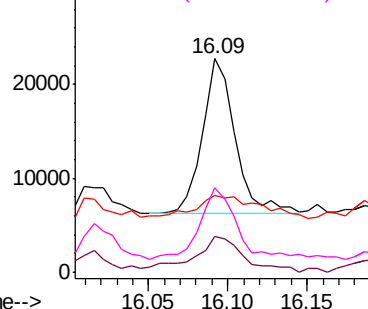


Abundance Ion 77.00 (76.70 to 77.70): BM016023.D (-2185) (-)

Ion 182.00 (181.70 to 182.70): BM016023.D (-2185) (-)

Ion 105.00 (104.70 to 105.70): BM016023.D (-2185) (-)

Ion 51.00 (50.70 to 51.70): BM016023.D (-2185) (-)



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

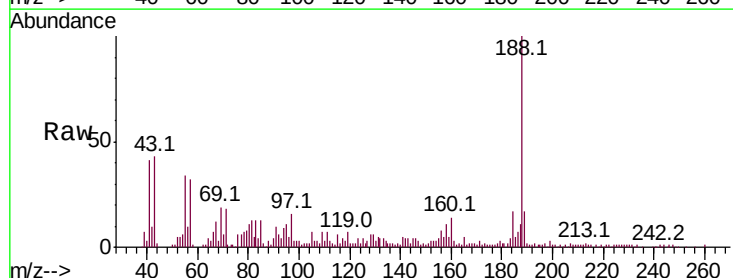
Tgt Ion: 188 Resp: 153469

Ion Ratio Lower Upper

188 100

94 9.0 8.7 13.1

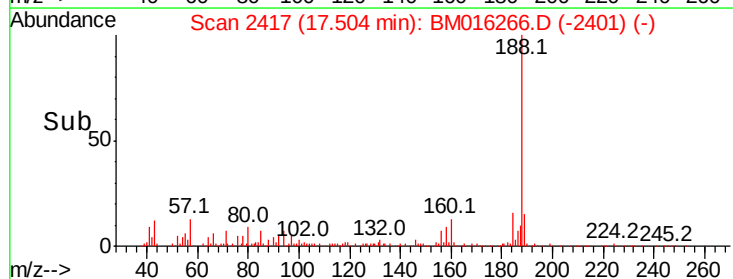
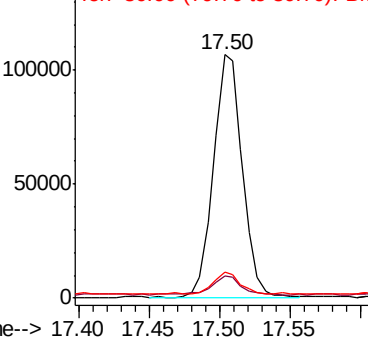
80 10.5 9.3 13.9

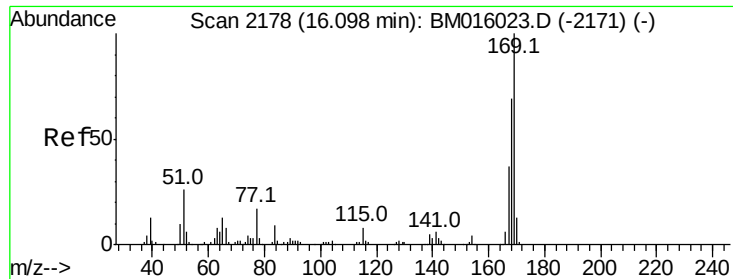


Abundance Ion 188.00 (187.70 to 188.70): BM016023.D (-2424) (-)

Ion 94.00 (93.70 to 94.70): BM016023.D (-2424) (-)

Ion 80.00 (79.70 to 80.70): BM016023.D (-2424) (-)

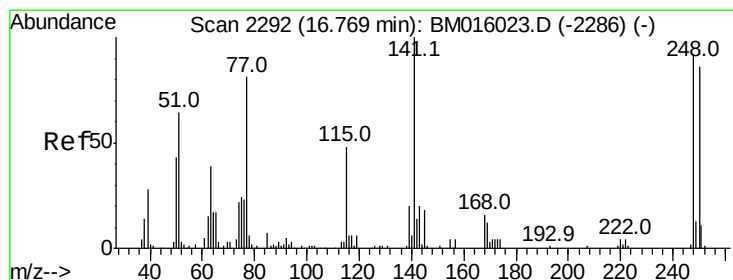
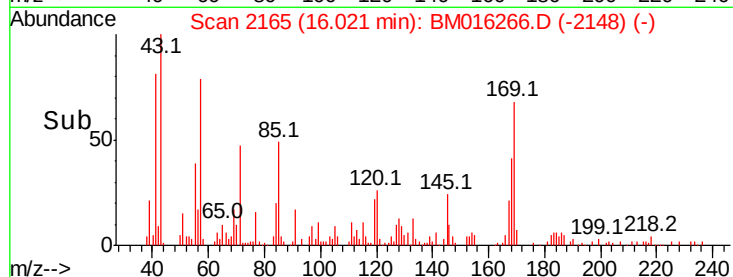
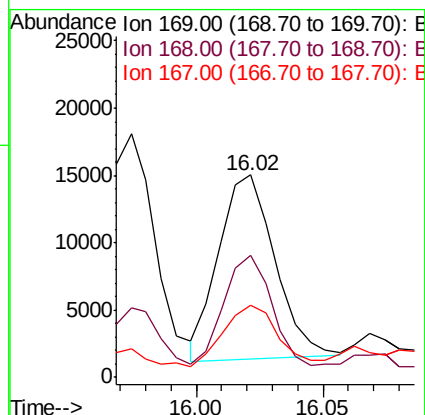
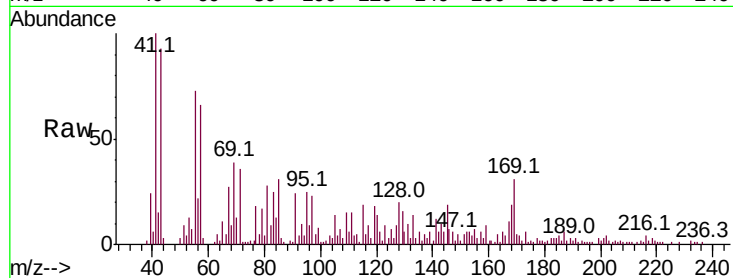




#65
n-Nitrosodiphenylamine
Concen: 4.177 ng
RT: 16.02 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

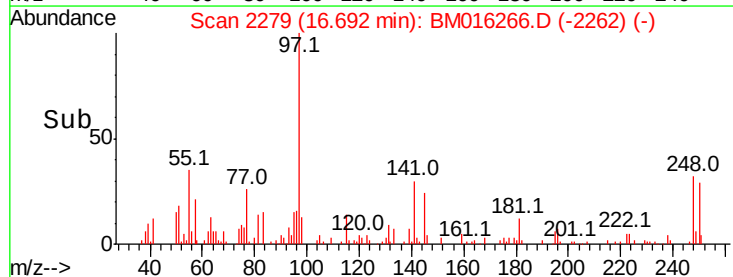
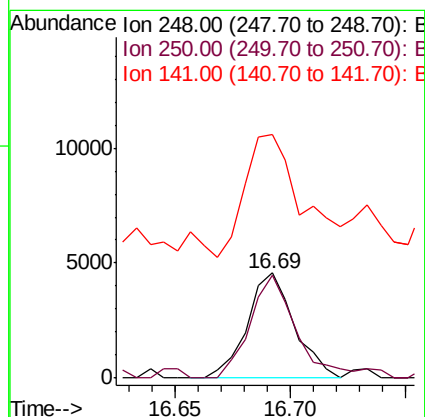
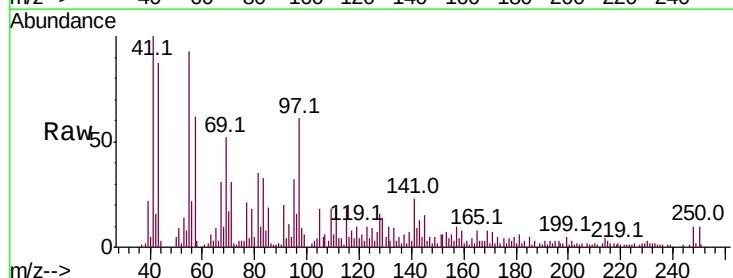
Instrument :
BNA_M
ClientSampled :

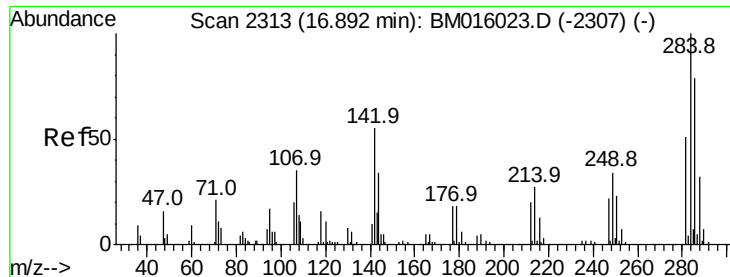
Tot Ion:169 Resp: 21106
Ion Ratio Lower Upper
169 100
168 60.3 53.9 80.9
167 35.8 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 3.738 ng
RT: 16.69 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:248 Resp: 6496
Ion Ratio Lower Upper
248 100
250 97.6 77.4 116.0
141 231.6 45.2 67.8#





#67

Hexachlorobenzene

Concen: 3.241 ng

RT: 16.81 min Scan# 2299

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampled :

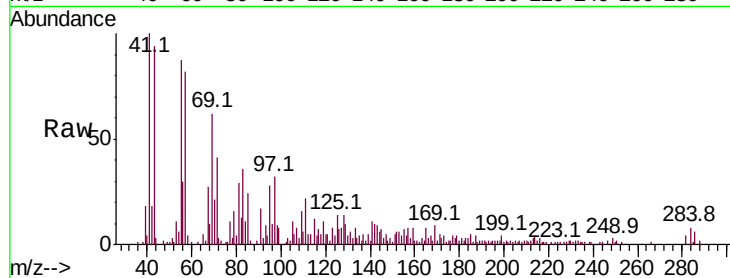
Tot Ion:284 Resp: 6203

Ion Ratio Lower Upper

284 100

142 122.6 20.4 30.6#

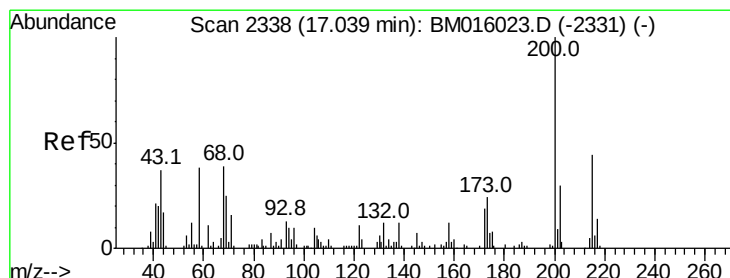
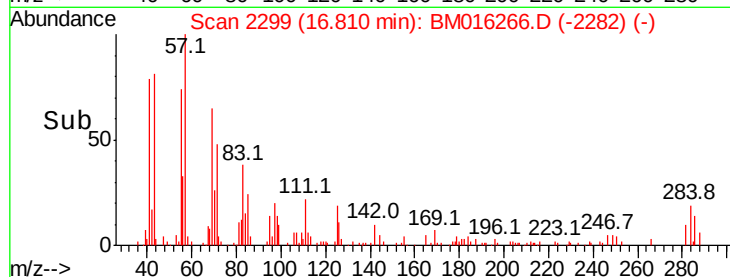
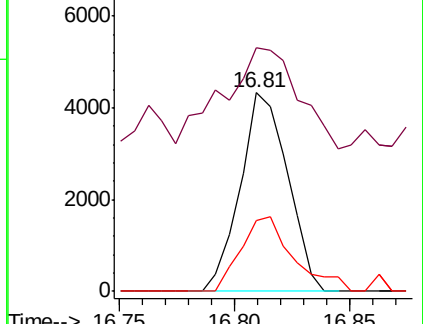
249 35.5 23.8 35.6



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: 5.060 ng

RT: 16.96 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

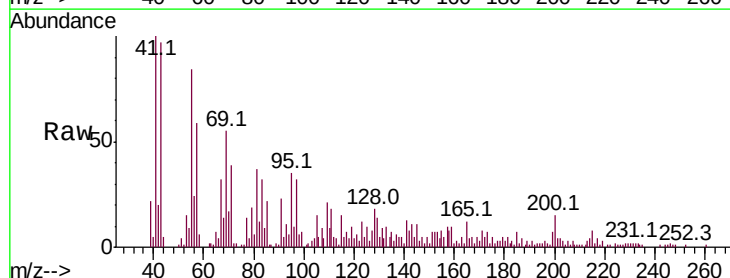
Tgt Ion:200 Resp: 9164

Ion Ratio Lower Upper

200 100

173 44.5 4.8 44.8

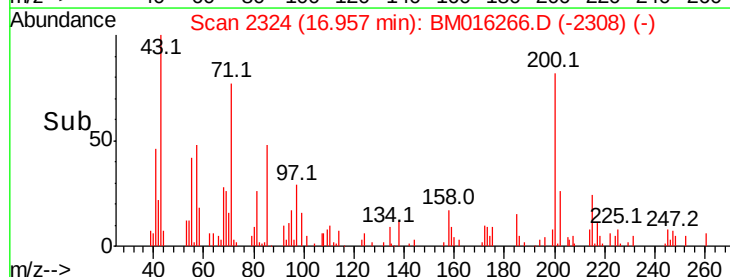
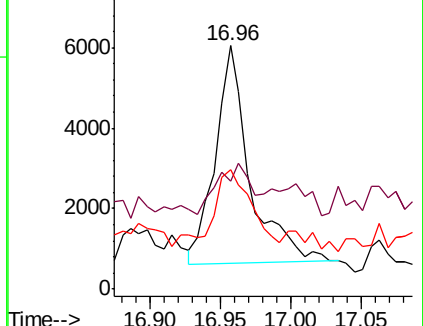
215 49.1 26.9 66.9

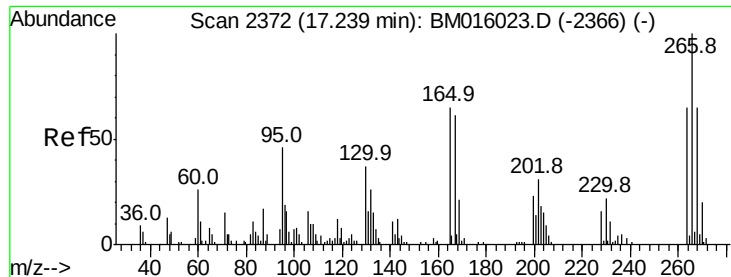


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 4.464 ng

RT: 17.16 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampled :

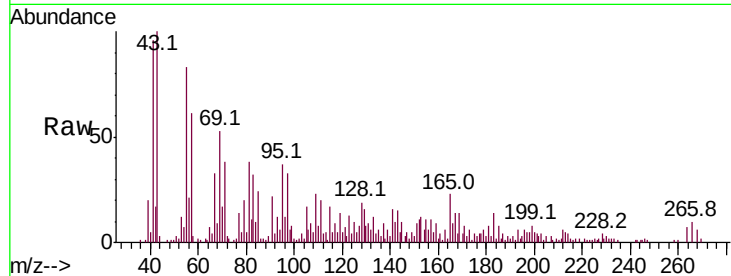
Tot Ion:266 Resp: 5290

Ion Ratio Lower Upper

266 100

268 60.0 52.0 78.0

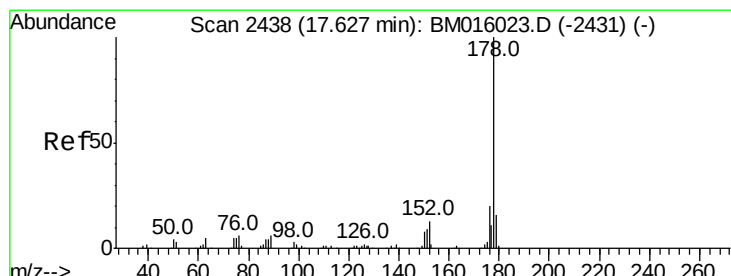
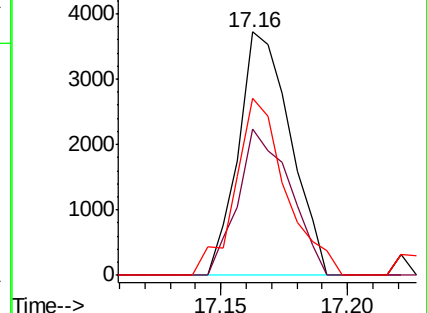
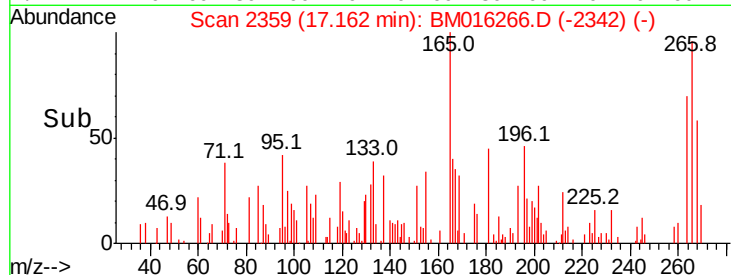
264 72.6 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

5000 Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 3.445 ng

RT: 17.55 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

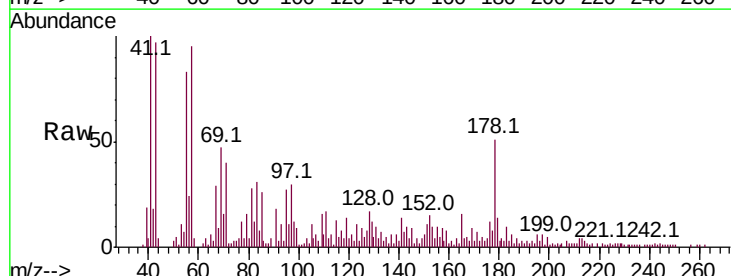
Tgt Ion:178 Resp: 29603

Ion Ratio Lower Upper

178 100

176 22.8 15.2 22.8#

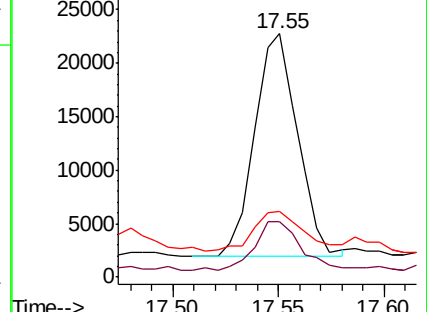
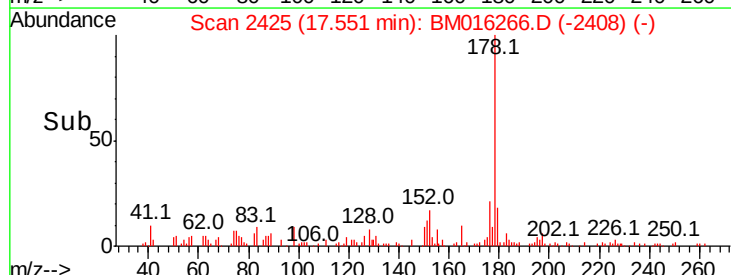
179 27.1 12.1 18.1#

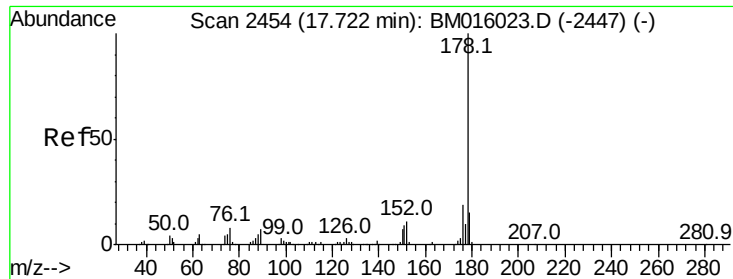


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

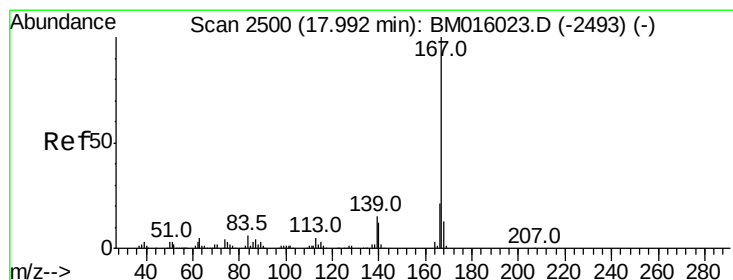
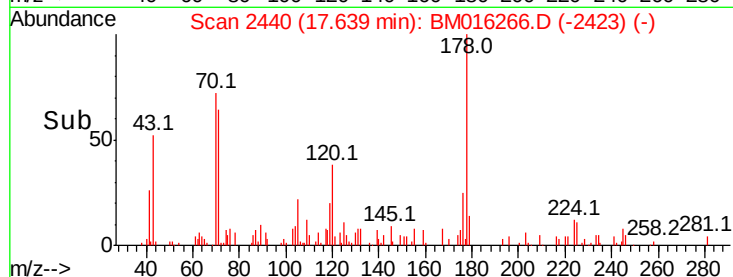
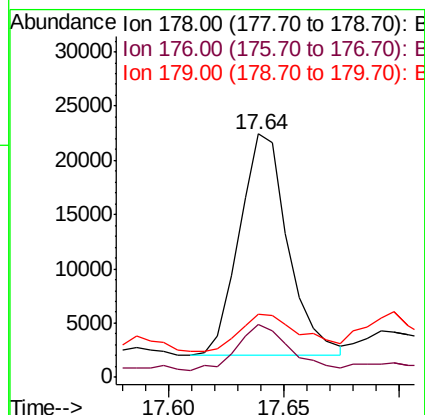
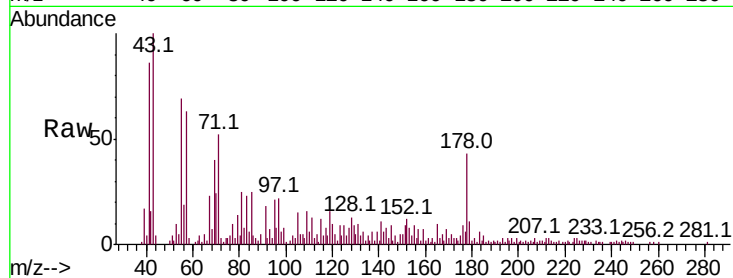




#71
 Anthracene
 Concen: 3.583 ng
 RT: 17.64 min Scan# 2440
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

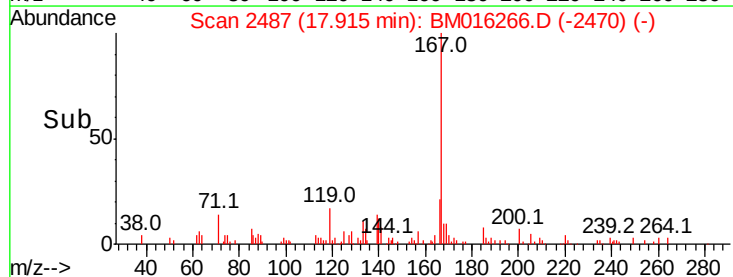
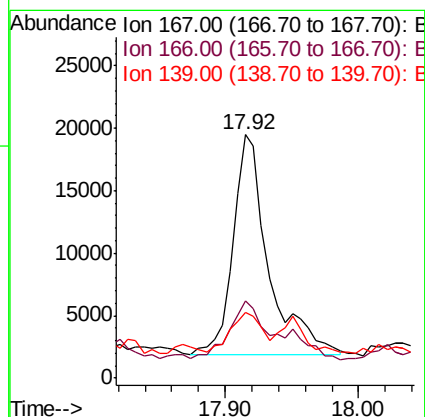
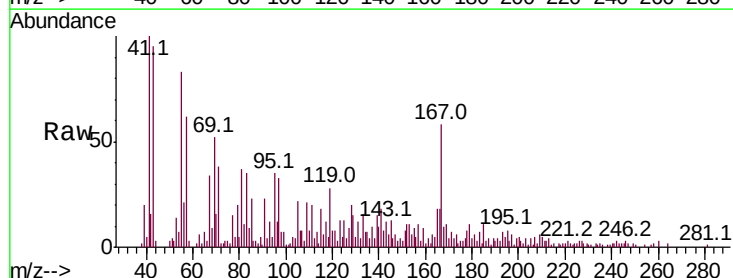
Instrument :
 BNA_M
 ClientSampleId :

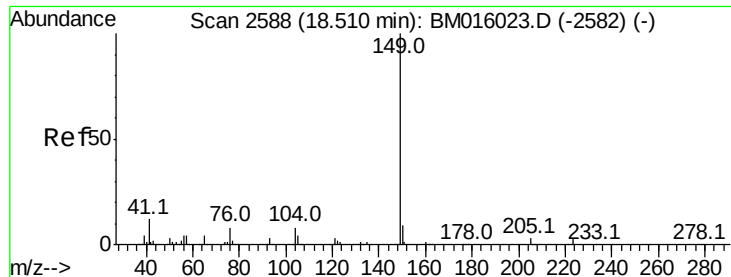
Tot Ion:178 Resp: 29921
 Ion Ratio Lower Upper
 178 100
 176 21.7 14.6 22.0
 179 25.9 12.6 19.0#



#72
 Carbazole
 Concen: 3.743 ng
 RT: 17.92 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BM016266.D
 Acq: 09 Aug 2018 02:51

Tgt Ion:167 Resp: 32385
 Ion Ratio Lower Upper
 167 100
 166 31.6 17.2 25.8#
 139 26.8 10.8 16.2#

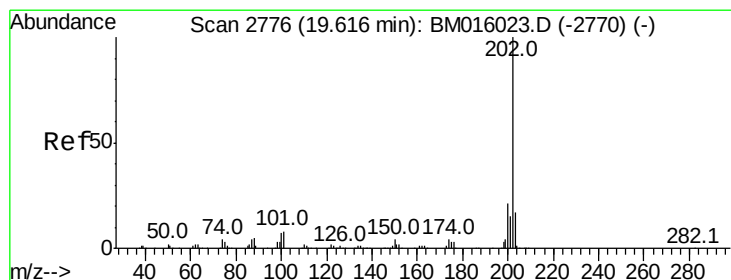
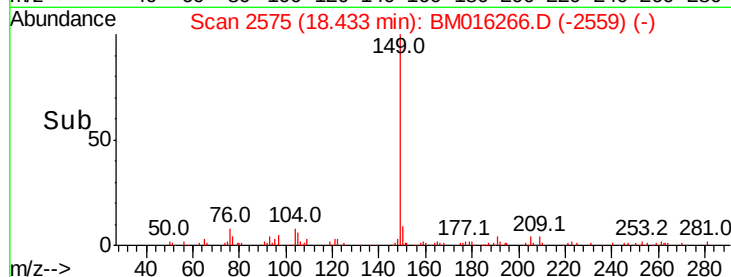
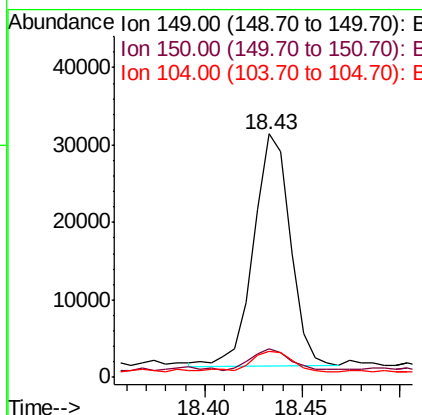
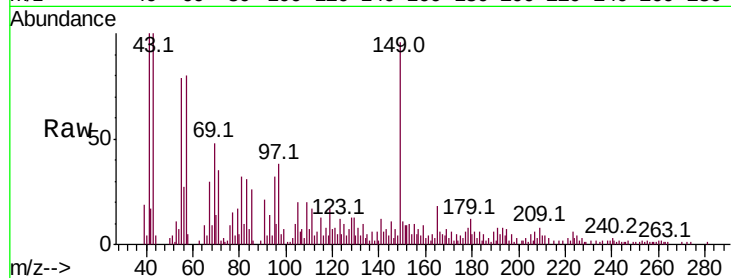




#73
Di-n-butylphthalate
Concen: 3.609 ng
RT: 18.43 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

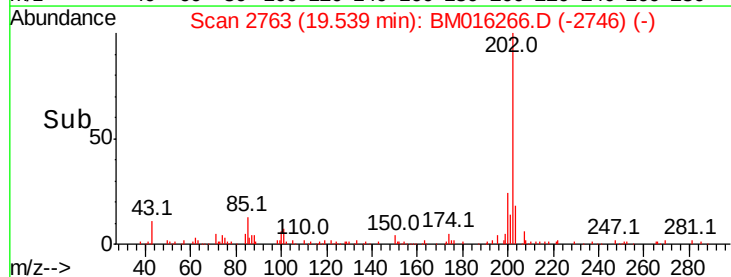
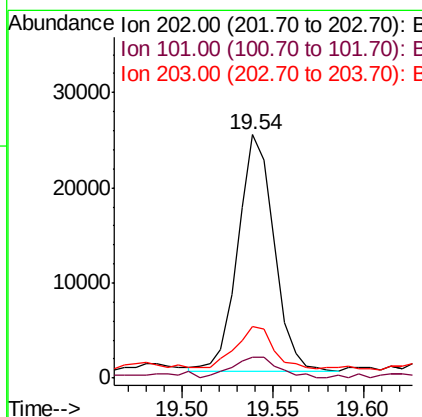
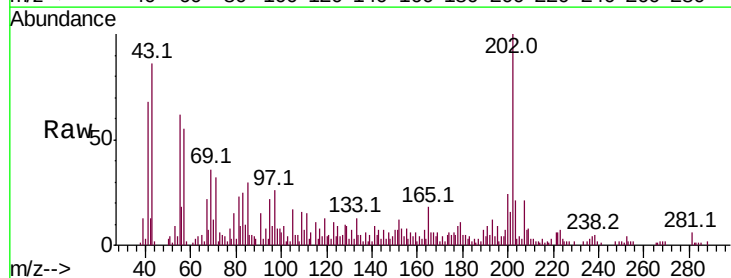
Instrument :
BNA_M
ClientSampleId :

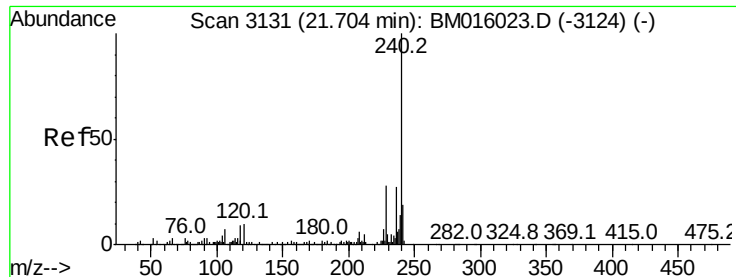
Tot Ion:149 Resp: 38902
Ion Ratio Lower Upper
149 100
150 11.5 7.5 11.3#
104 10.7 3.7 5.5#



#74
Fluoranthene
Concen: 3.569 ng
RT: 19.54 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:202 Resp: 34207
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.7
203 21.0 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

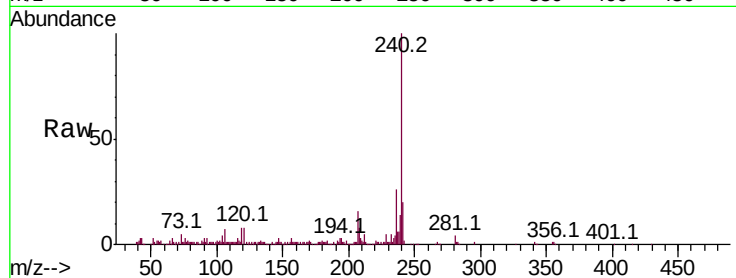
Tot Ion:240 Resp: 158342

Ion Ratio Lower Upper

240 100

120 7.8 8.2 12.2#

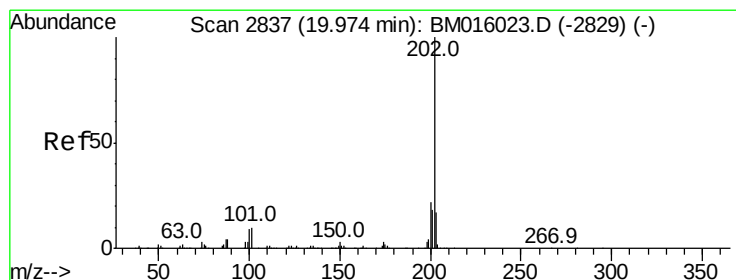
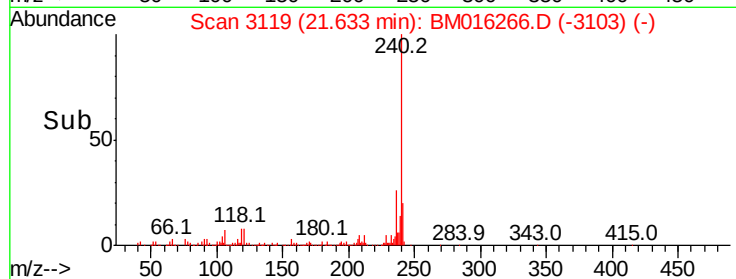
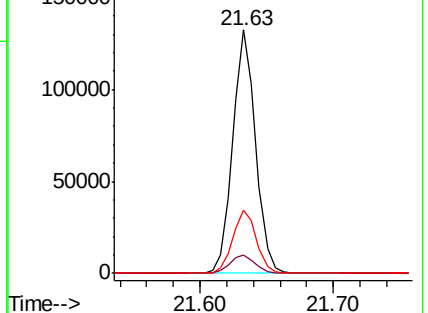
236 25.8 20.0 30.0



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



#77

Pyrene

Concen: 4.479 ng

RT: 19.90 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

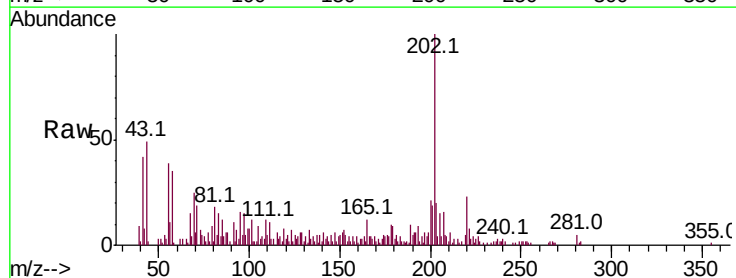
Tgt Ion:202 Resp: 42497

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

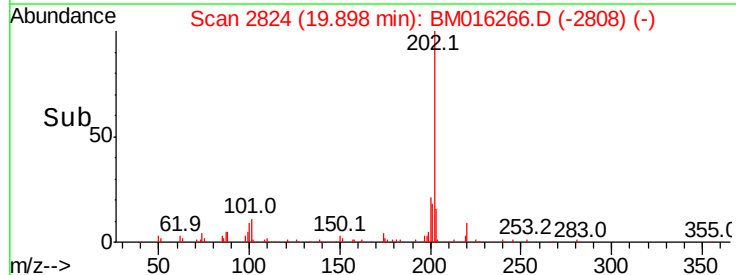
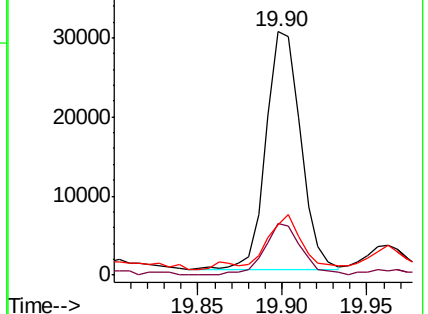
203 20.5 14.1 21.1

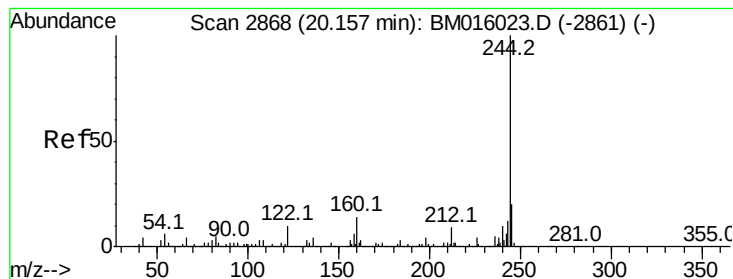


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 4.479 ng

RT: 20.08 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

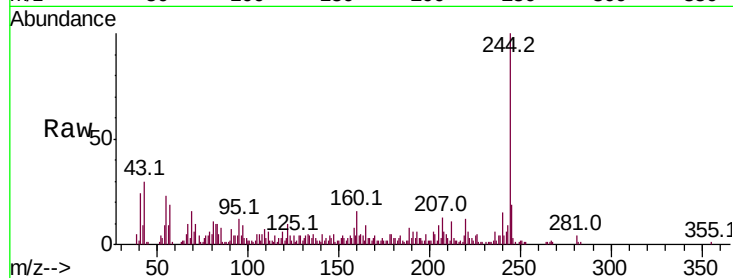
Tot Ion:244 Resp: 54532

Ion Ratio Lower Upper

244 100

212 11.2 4.9 7.3#

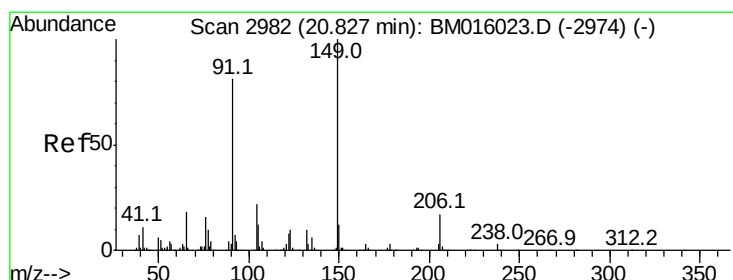
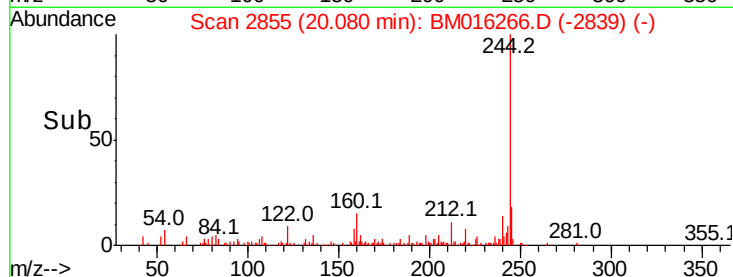
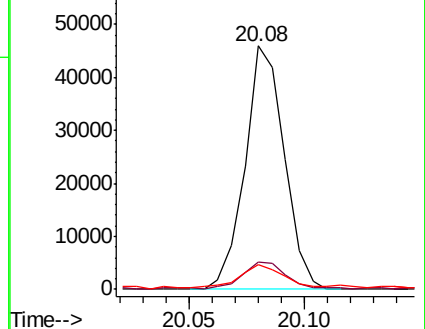
122 10.2 6.2 9.4#



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: 3.522 ng

RT: 20.76 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

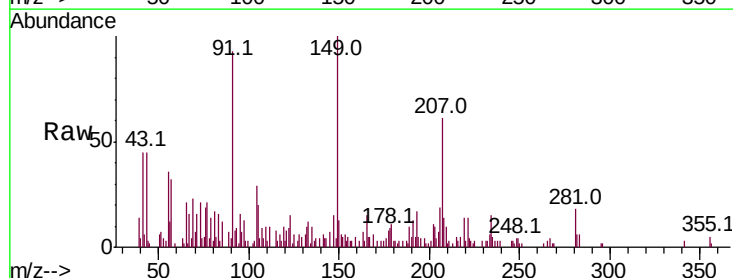
Tgt Ion:149 Resp: 16979

Ion Ratio Lower Upper

149 100

91 93.1 50.1 75.1#

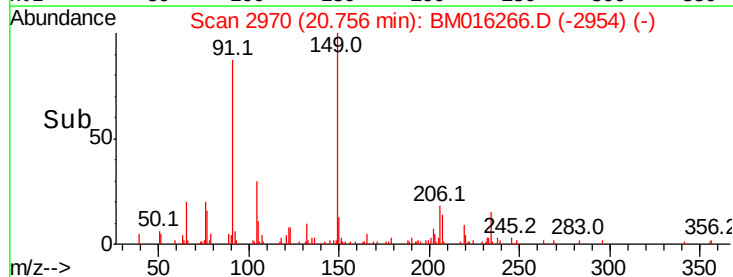
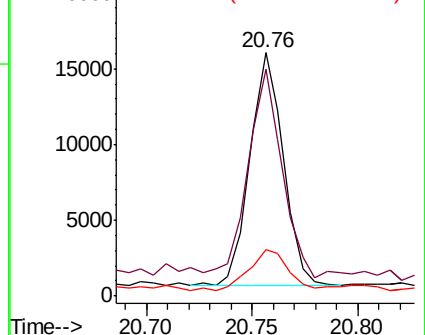
206 19.4 16.2 24.2

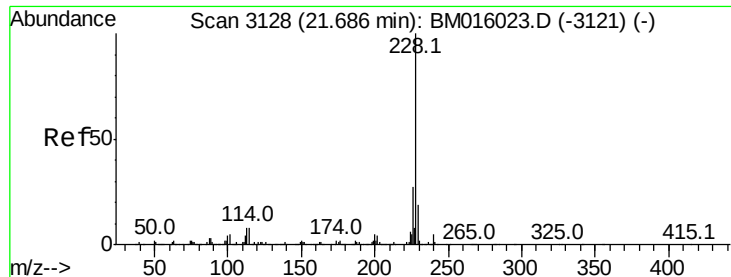


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

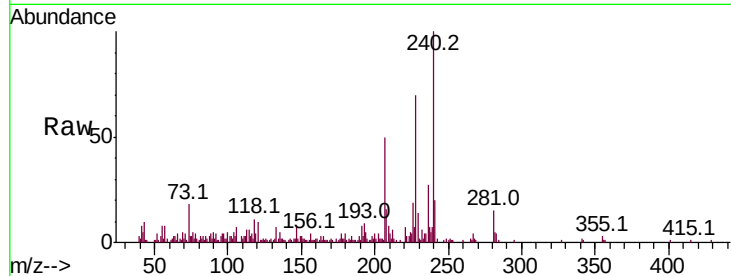




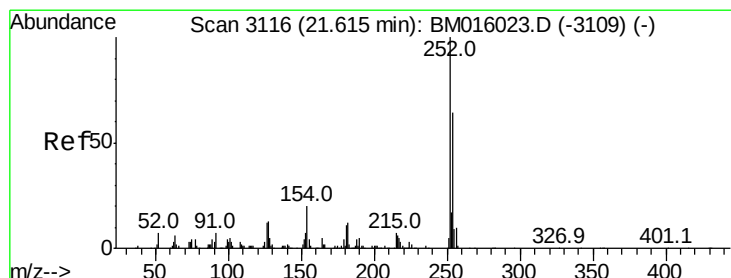
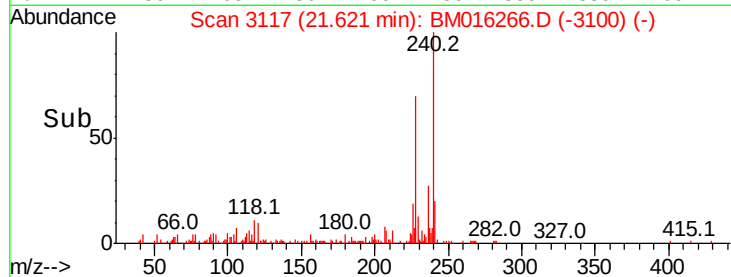
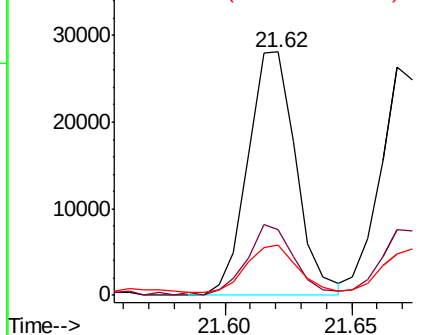
#80
Benzo(a)anthracene
Concen: 3.827 ng
RT: 21.62 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	20.8	16.0	24.0

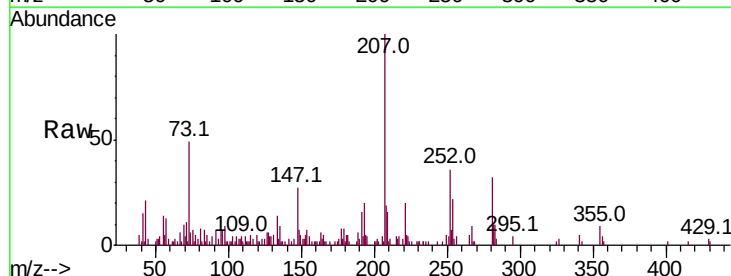


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

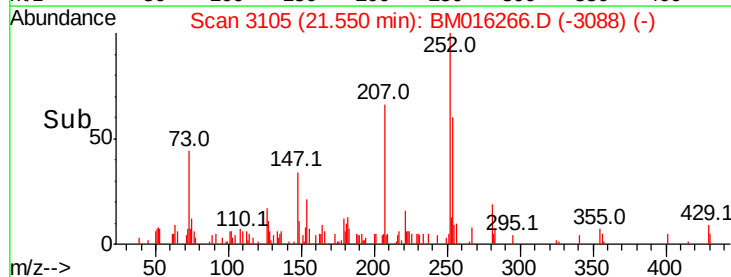
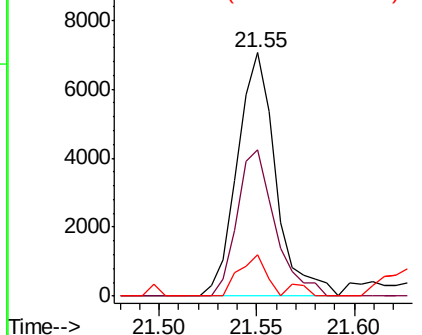


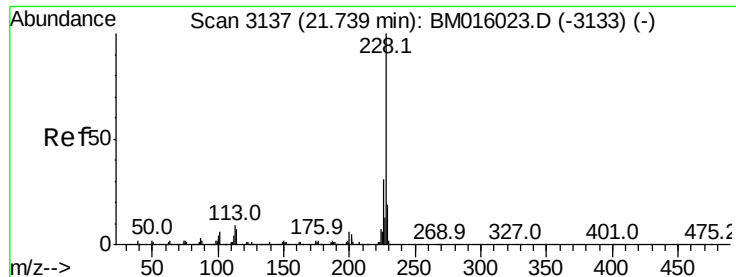
#81
3,3'-Dichlorobenzidine
Concen: 2.461 ng
RT: 21.55 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.0	51.9	77.9
126	16.8	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: 3.663 ng

RT: 21.67 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

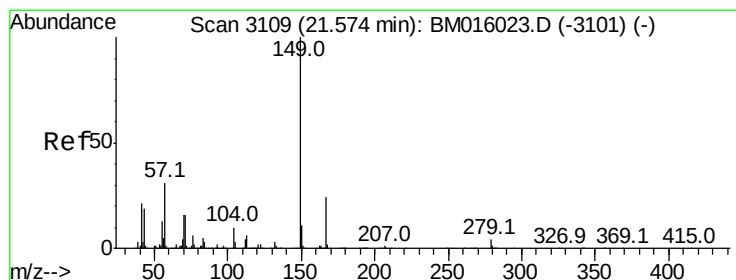
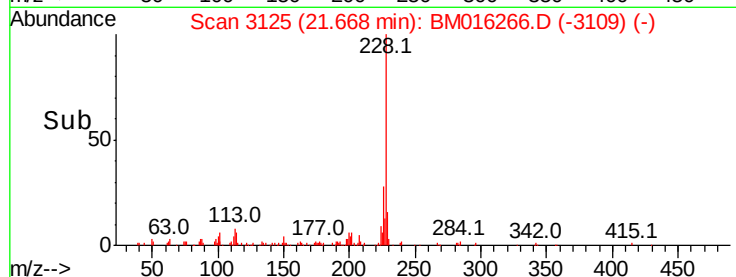
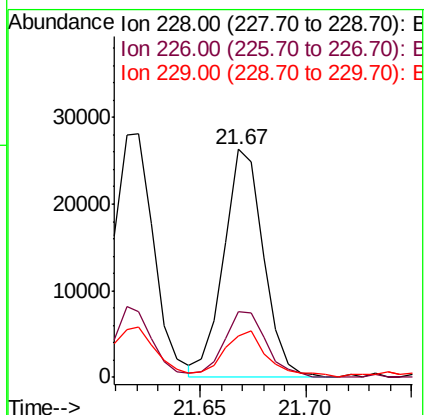
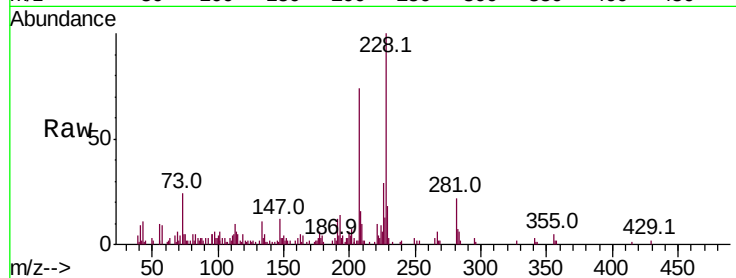
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 34271

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.1	36.1
229	18.2	15.5	23.3



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.926 ng

RT: 21.51 min Scan# 3098

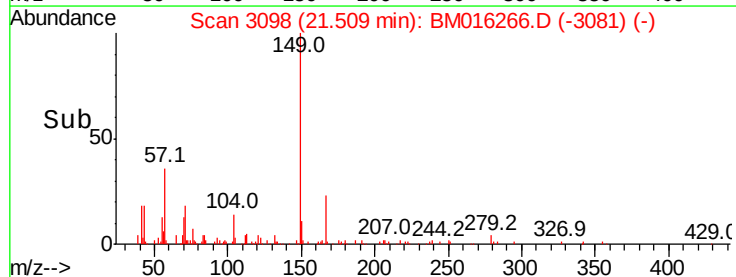
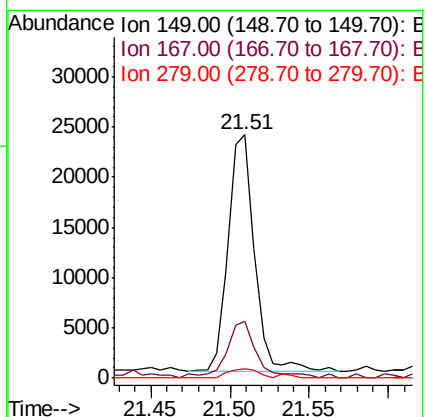
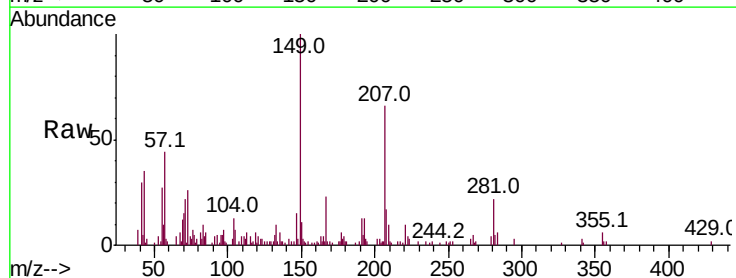
Delta R.T. 0.00 min

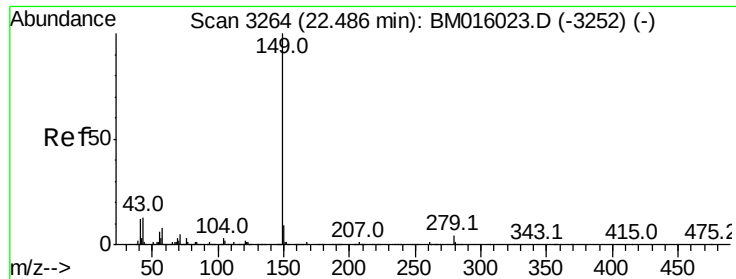
Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Tgt Ion:149 Resp: 27428

Ion	Ratio	Lower	Upper
149	100		
167	23.2	22.4	33.6
279	3.9	3.4	5.0





#84

Di-n-octyl phthalate

Concen: 3.611 ng

RT: 22.41 min Scan# 3251

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

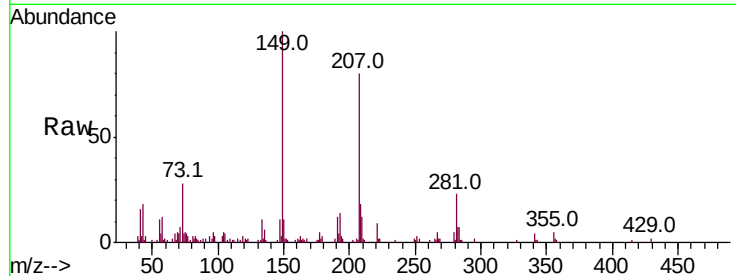
Tot Ion:149 Resp: 42404

Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8#

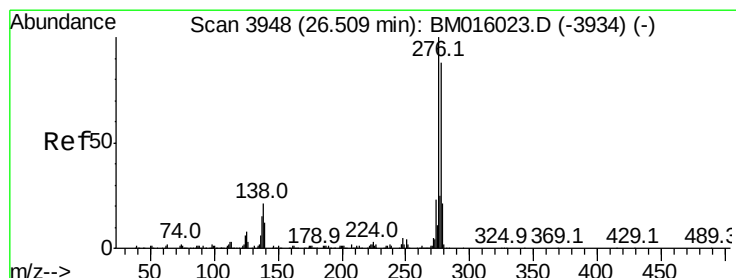
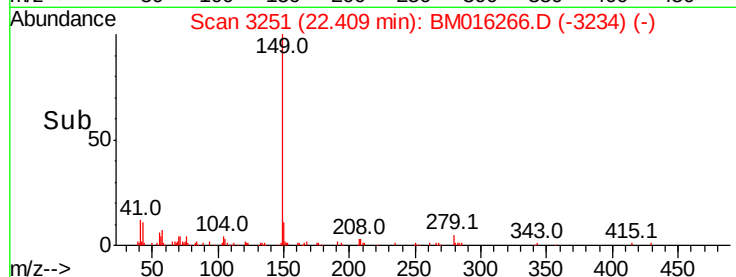
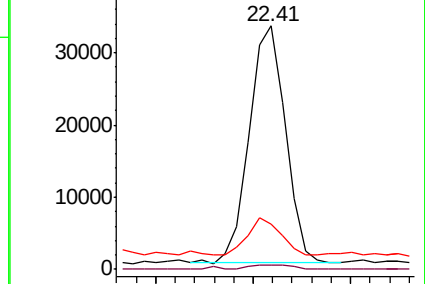
43 14.2 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.743 ng

RT: 26.36 min Scan# 3922

Delta R.T. -0.01 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

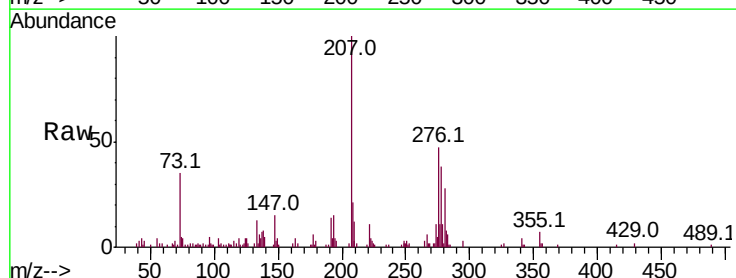
Tgt Ion:276 Resp: 41552

Ion Ratio Lower Upper

276 100

138 20.4 12.0 18.0#

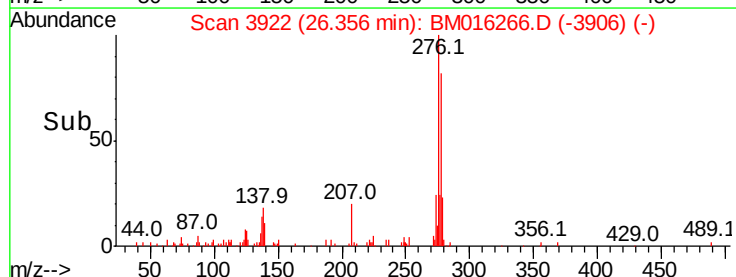
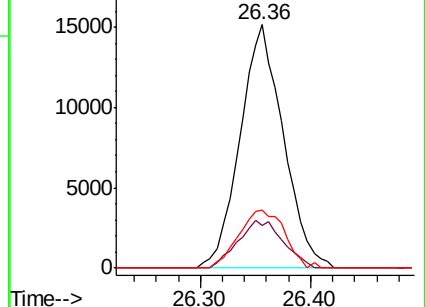
277 25.3 20.0 30.0

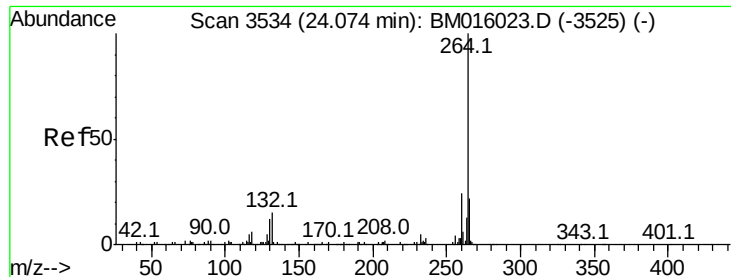


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

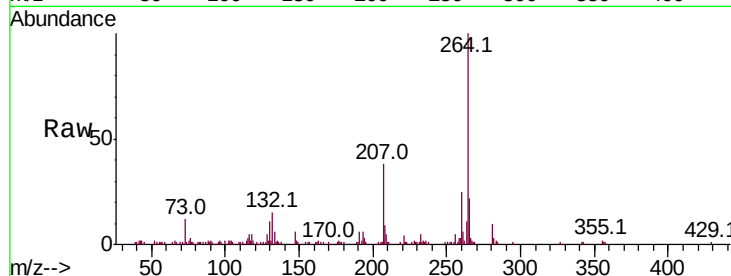




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	22.3	17.3	25.9

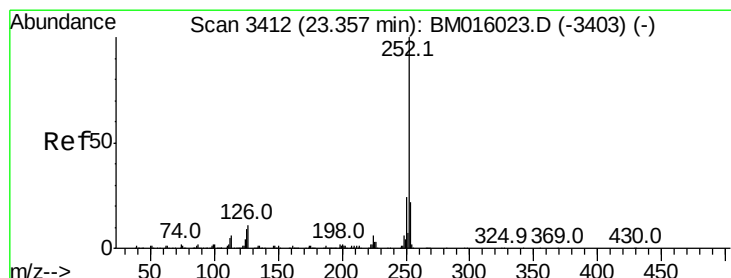
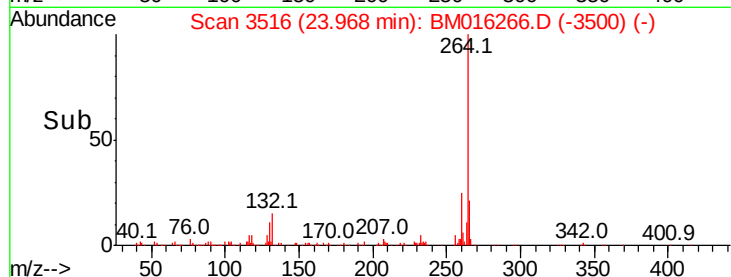
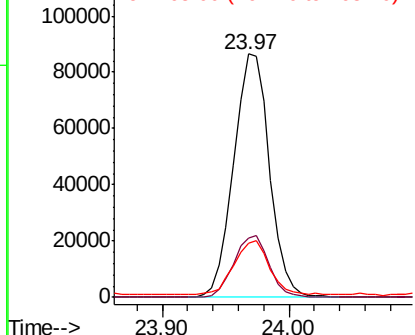


Abundance

Ion 264.00 (263.70 to 264.70): E

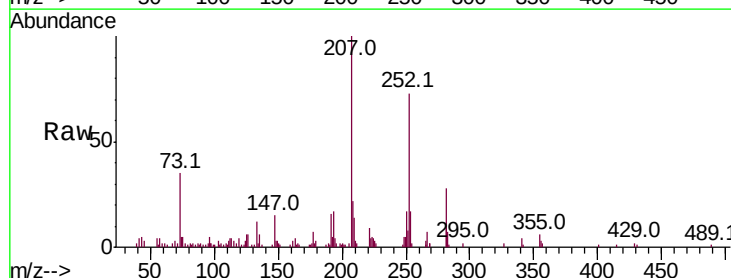
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 3.834 ng
RT: 23.26 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	8.1	9.9	14.9

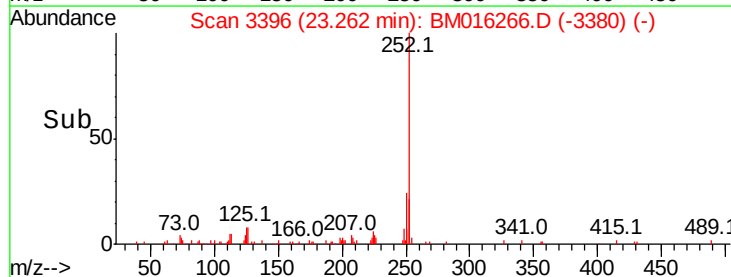
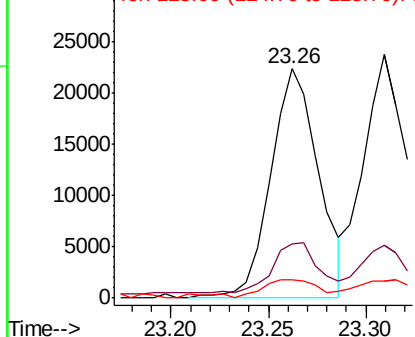


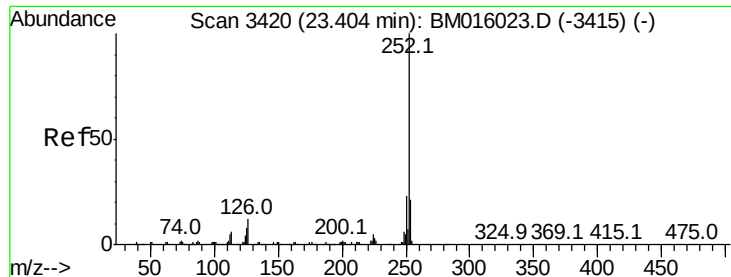
Abundance

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: 3.653 ng

RT: 23.26 min Scan# 3396

Delta R.T. -0.05 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

Instrument :

BNA_M

ClientSampleId :

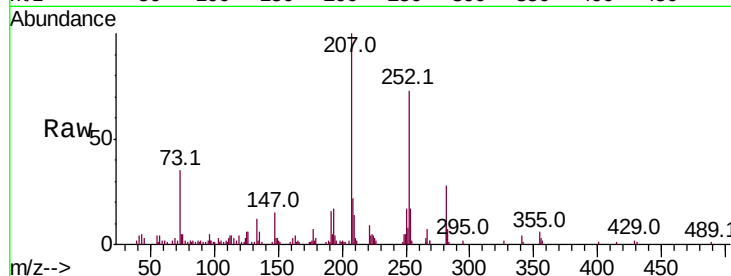
Tot Ion:252 Resp: 36780

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

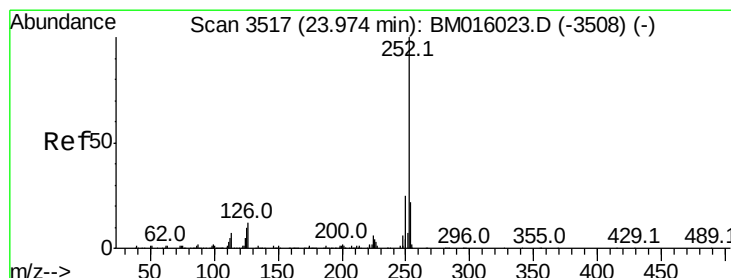
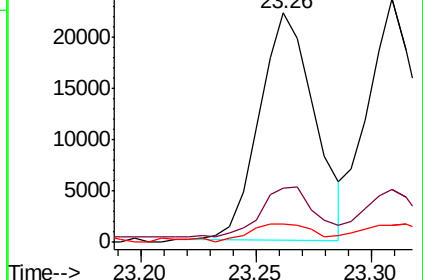
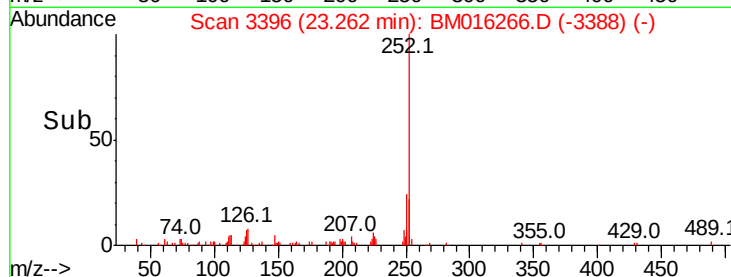
125 8.1 8.1 12.1



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: 3.832 ng

RT: 23.87 min Scan# 3500

Delta R.T. 0.00 min

Lab File: BM016266.D

Acq: 09 Aug 2018 02:51

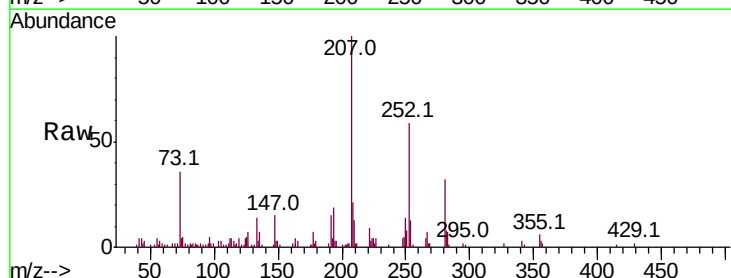
Tgt Ion:252 Resp: 36595

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

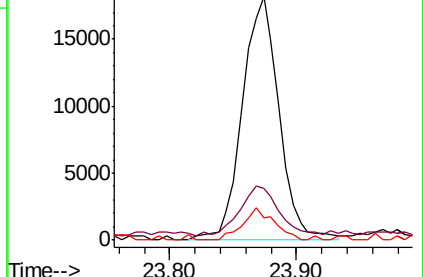
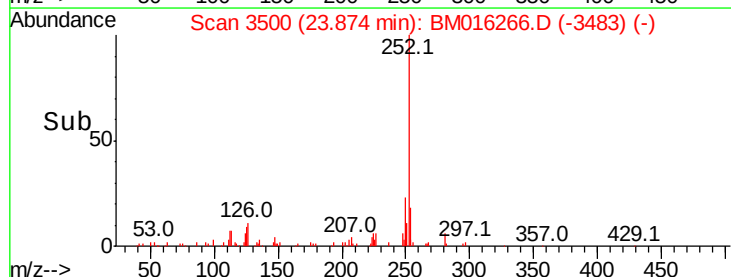
125 9.2 7.4 11.2

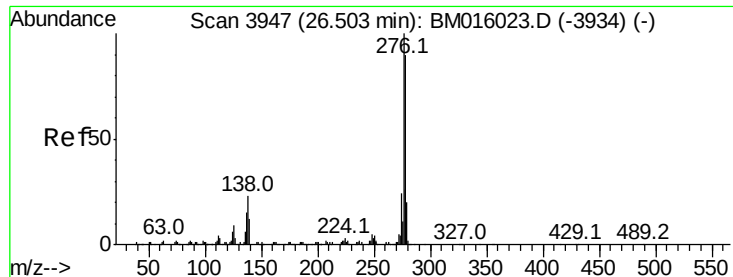


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



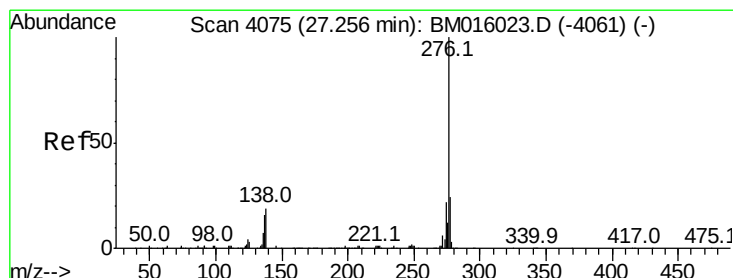
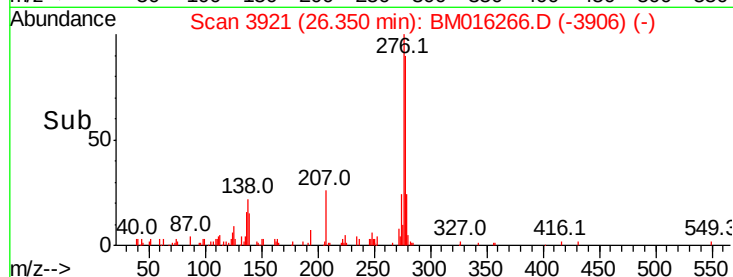
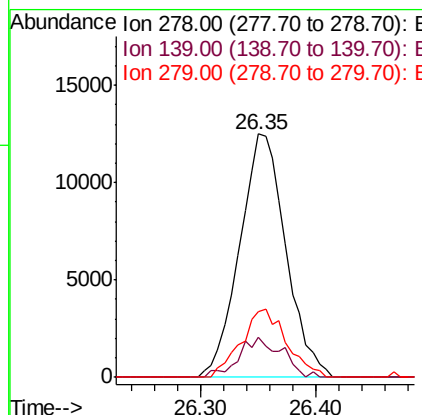
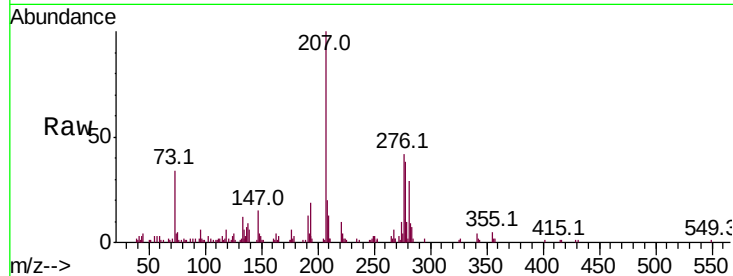


#90
Dibenzo(a,h)anthracene
Concen: 3.509 ng
RT: 26.35 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 34718

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.4	20.0
279	27.1	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 3.635 ng
RT: 27.10 min Scan# 4048
Delta R.T. 0.00 min
Lab File: BM016266.D
Acq: 09 Aug 2018 02:51

Tgt Ion:276 Resp: 34015

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	14.4	19.0	28.6#

