

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016453.D
 Acq On : 18 Aug 2018 00:44
 Operator : SJ/JU
 Sample : J4521-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

Quant Time: Aug 18 01:53:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 16:27:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	11199	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	49511	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	38665	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	104191	20.00	ng	0.00
75) Chrysene-d12	21.58	240	161011	20.00	ng	0.00
86) Perylene-d12	23.89	264	158169	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	92526	138.85	ng	0.00
7) Phenol-d6	7.23	99	116957	130.58	ng	0.00
23) Nitrobenzene-d5	9.25	82	122859	103.34	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	107882	184.74	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	328512	88.35	ng	0.00
78) Terphenyl-d14	20.03	244	1014526	95.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	11068	33.166	ng	# 100
3) Pyridine	3.85	79	18183	27.064	ng	# 56
4) n-Nitrosodimethylamine	3.75	42	36292	46.882	ng	# 18
6) Aniline	7.39	93	28803	31.076	ng	# 80
8) 2-Chlorophenol	7.62	128	38259	46.568	ng	# 95
9) Benzaldehyde	7.21	77	19721	33.486	ng	# 72
10) Phenol	7.26	94	35141	40.502	ng	# 78
11) bis(2-Chloroethyl)ether	7.48	93	27682	42.026	ng	# 88
12) 1,3-Dichlorobenzene	7.94	146	37126	39.429	ng	# 79
13) 1,4-Dichlorobenzene	8.09	146	37888	39.804	ng	# 91
14) 1,2-Dichlorobenzene	8.40	146	37339	39.931	ng	# 91
15) Benzyl Alcohol	8.32	79	36977	45.482	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.58	45	34811	41.984	ng	# 85
17) 2-Methylphenol	8.52	107	29227	46.618	ng	# 75
18) Hexachloroethane	9.12	117	22100	45.085	ng	# 94
19) n-Nitroso-di-n-propylamine	8.87	70	30178	44.377	ng	# 65
20) 3+4-Methylphenols	8.85	107	39617	45.982	ng	# 76
22) Acetophenone	8.90	105	60306	45.415	ng	# 67
24) Nitrobenzene	9.29	77	53540	46.719	ng	# 92
25) Isophorone	9.80	82	89244	56.283	ng	# 91
26) 2-Nitrophenol	10.00	139	20492	42.508	ng	# 27
27) 2,4-Dimethylphenol	10.05	122	36912	57.276	ng	# 66
28) bis(2-Chloroethoxy)methane	10.28	93	45072	49.140	ng	# 95
29) 2,4-Dichlorophenol	10.53	162	42191	48.427	ng	# 99
30) 1,2,4-Trichlorobenzene	10.73	180	42829	41.571	ng	# 95
31) Naphthalene	10.92	128	122826	48.914	ng	# 98
32) Benzoic acid	10.25	122	24640	47.072	ng	# 67
33) 4-Chloroaniline	11.06	127	12378	11.502	ng	# 83
34) Hexachlorobutadiene	11.17	225	35979	40.514	ng	# 98
35) Caprolactam	11.87	113	8474	37.939	ng	# 89
36) 4-Chloro-3-methylphenol	12.17	107	53364	53.714	ng	# 86
37) 2-Methylnaphthalene	12.52	142	105037	56.385	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	65208	41.196	ng	# 100
40) Hexachlorocyclopentadiene	12.85	237	54205	78.475	ng	# 97

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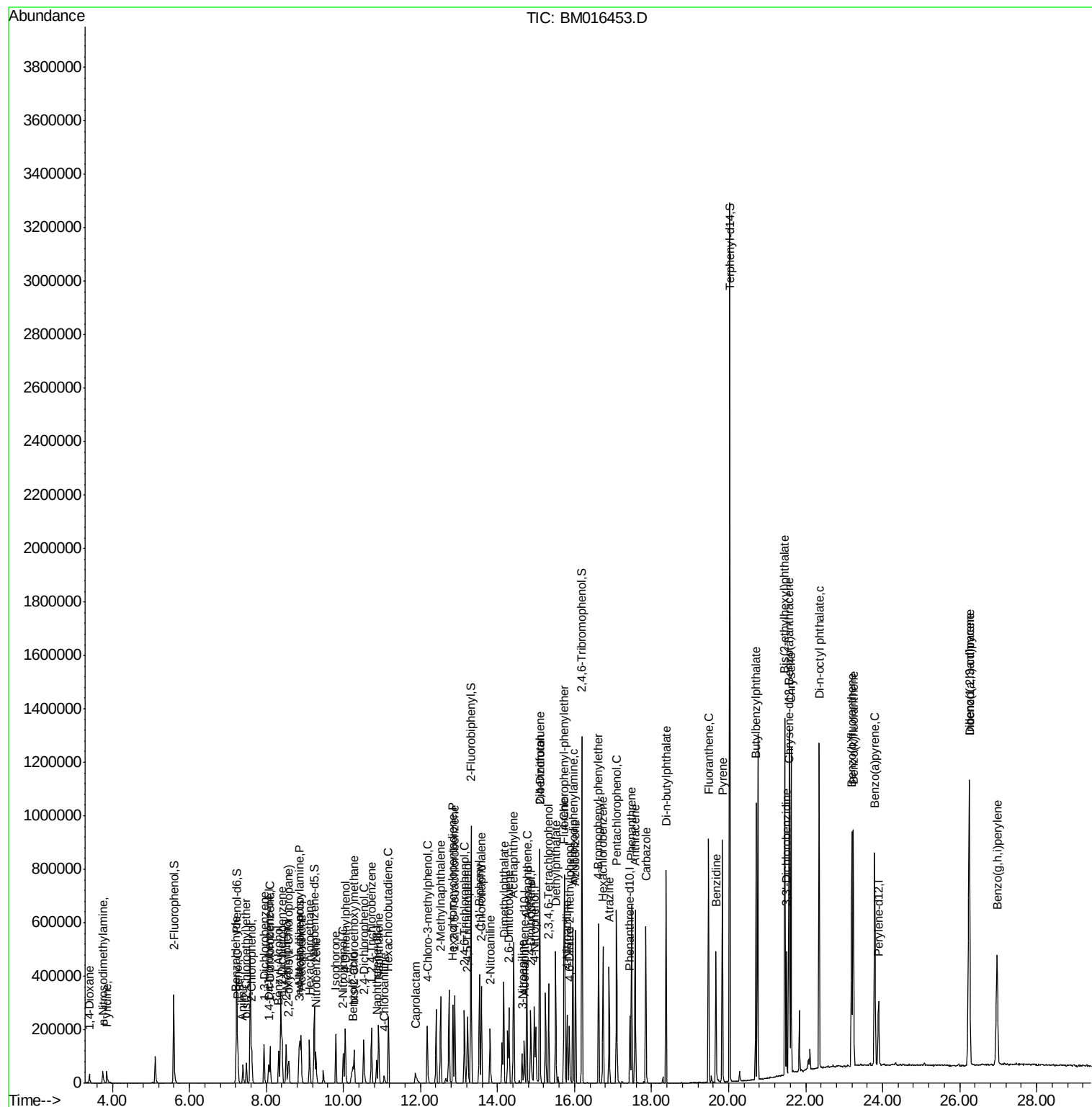
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	43252	43.720	nq	98
43) 2,4,5-Trichlorophenol	13.22	196	46400	48.074	nq #	79
45) 1,1'-Biphenyl	13.53	154	151134	42.231	nq	98
46) 2-Chloronaphthalene	13.58	162	116812	41.839	nq #	85
47) 2-Nitroaniline	13.80	65	47472	49.032	nq #	70
48) Acenaphthylene	14.42	152	205743	49.009	nq	99
49) Dimethylphthalate	14.16	163	187240	49.381	nq	99
50) 2,6-Dinitrotoluene	14.30	165	37071	51.511	nq #	26
51) Acenaphthene	14.76	154	117815	46.503	nq	97
52) 3-Nitroaniline	14.64	138	18834	26.562	nq #	69
53) 2,4-Dinitrophenol	14.86	184	39669	102.631	nq #	49
54) Dibenzofuran	15.10	168	217234	48.663	nq #	78
55) 4-Nitrophenol	14.95	139	45769	98.821	nq #	76
56) 2,4-Dinitrotoluene	15.10	165	62117	51.636	nq #	51
57) Fluorene	15.75	166	180224	52.843	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.33	232	48995	54.180	nq #	100
59) Diethylphthalate	15.51	149	221380	51.453	nq	94
60) 4-Chlorophenyl-phenylether	15.73	204	101299	46.949	nq #	82
61) 4-Nitroaniline	15.80	138	34081	49.712	nq #	1
62) Azobenzene	16.03	77	261394	52.681	nq #	68
64) 4,6-Dinitro-2-methylphenol	15.86	198	30354	41.777	nq #	81
65) n-Nitrosodiphenylamine	15.96	169	157418	44.649	nq	95
66) 4-Bromophenyl-phenylether	16.62	248	62455	44.567	nq #	71
67) Hexachlorobenzene	16.75	284	59286	43.110	nq #	49
68) Atrazine	16.90	200	71762	55.523	nq	97
69) Pentachlorophenol	17.09	266	67019	85.112	nq	98
70) Phenanthrene	17.48	178	301021	50.993	nq	98
71) Anthracene	17.57	178	311452	53.148	nq	98
72) Carbazole	17.85	167	277552	48.934	nq #	94
73) Di-n-butylphthalate	18.37	149	424990	52.210	nq #	95
74) Fluoranthene	19.48	202	435639	61.090	nq	96
76) Benzidine	19.67	184	205152	57.892	nq	98
77) Pyrene	19.84	202	447760	42.141	nq	98
79) Butylbenzylphthalate	20.71	149	230544	46.296	nq #	78
80) Benzo(a)anthracene	21.57	228	523983	50.299	nq	97
81) 3,3'-Dichlorobenzidine	21.50	252	90032	24.277	nq	95
82) Chrysene	21.62	228	486742	49.718	nq	100
83) Bis(2-ethylhexyl)phthalate	21.46	149	350566	49.349	nq	91
84) Di-n-octyl phthalate	22.35	149	626260	58.776	nq #	87
85) Indeno(1,2,3-cd)pyrene	26.25	276	625359	78.093	nq	99
87) Benzo(b)fluoranthene	23.20	252	514350	49.093	nq #	91
88) Benzo(k)fluoranthene	23.24	252	509509	48.662	nq #	95
89) Benzo(a)pyrene	23.79	252	500547	52.780	nq #	97
90) Dibenzo(a,h)anthracene	26.25	278	534998	62.908	nq #	92
91) Benzo(g,h,i)perylene	26.97	276	457600	59.867	nq #	87

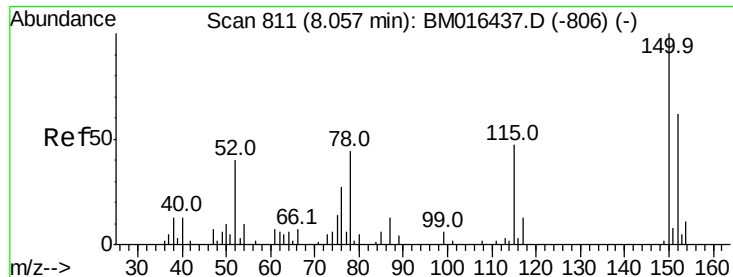
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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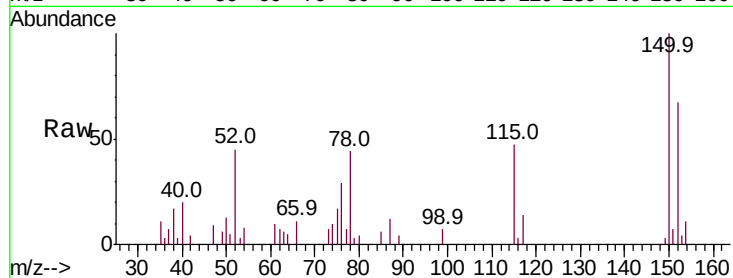


#1

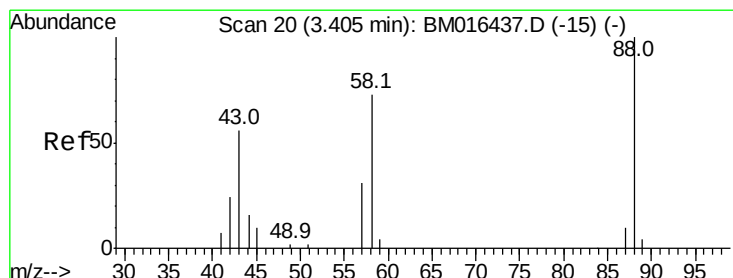
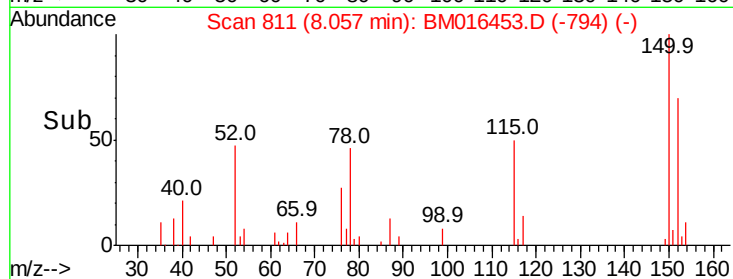
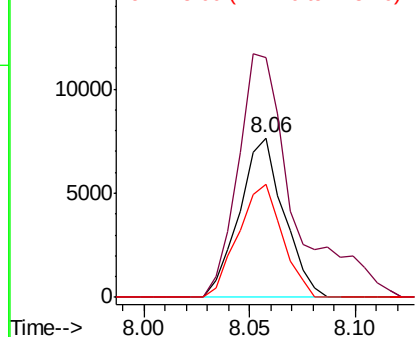
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

Tot Ion:152 Resp: 11199
 Ion Ratio Lower Upper
 152 100
 150 150.0 119.5 179.3
 115 70.9 43.0 64.4#



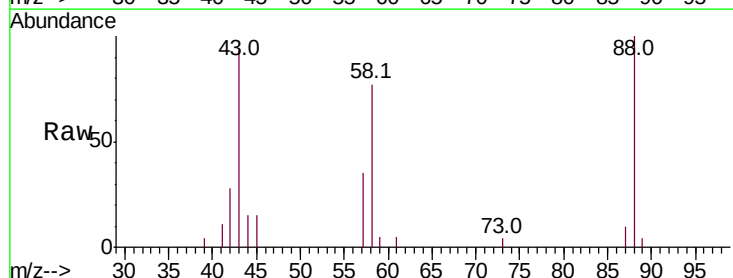
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



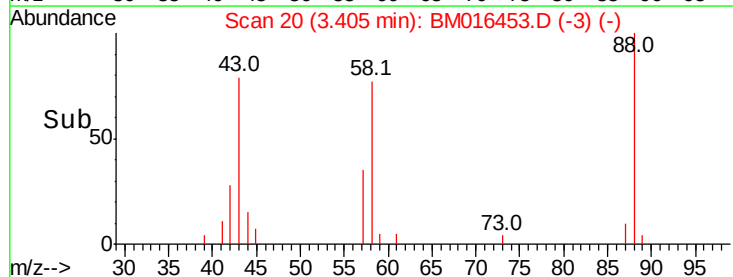
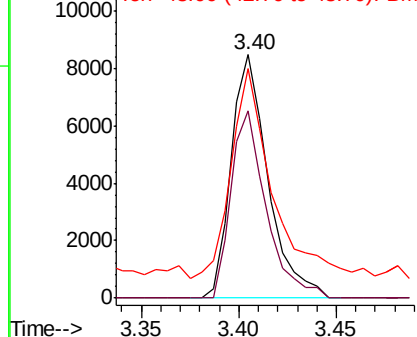
#2

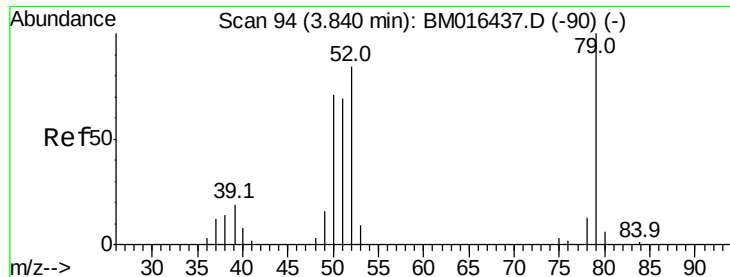
1,4-Dioxane
 Concen: 33.166 ng
 RT: 3.40 min Scan# 20
 Delta R.T. 0.00 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion: 88 Resp: 11068
 Ion Ratio Lower Upper
 88 100
 58 73.5 0.0 0.0#
 43 96.3 0.0 0.0#



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





#3

Pvridine

Concen: 27.064 ng

RT: 3.85 min Scan# 96

Delta R.T. 0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampleId :

RT2286MS

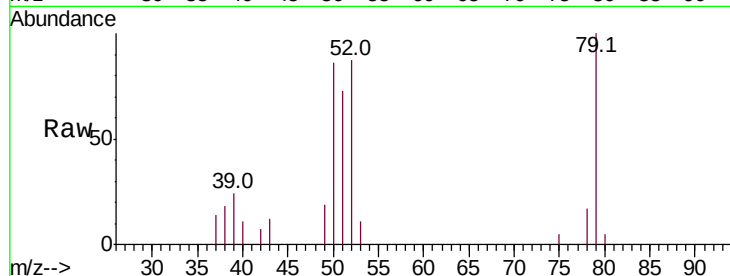
Tot Ion: 79 Resp: 18183

Ion Ratio Lower Upper

79 100

52 86.7 51.1 76.7#

51 73.0 26.1 39.1#

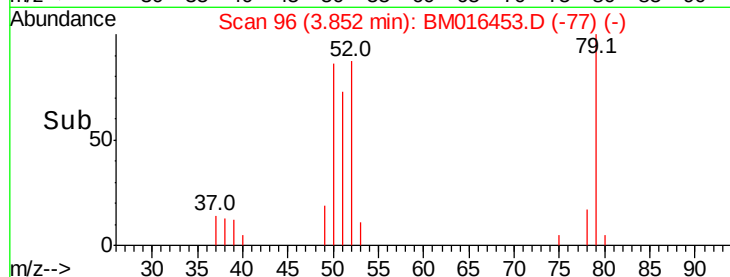


Abundance Ion 79.00 (78.70 to 79.70): BM016437.D (-90) (-)

Ion 52.00 (51.70 to 52.70): BM016437.D (-90) (-)

Ion 51.00 (50.70 to 51.70): BM016437.D (-90) (-)

Time-->

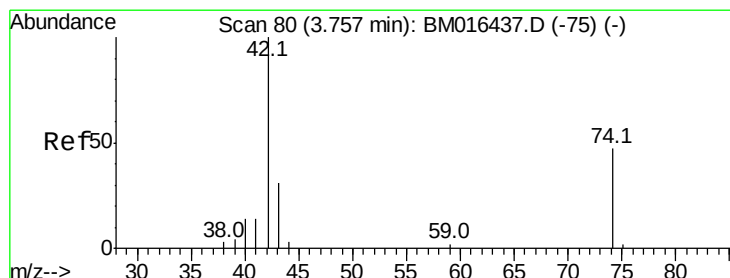


Abundance Ion 79.00 (78.70 to 79.70): BM016453.D (-77) (-)

Ion 52.00 (51.70 to 52.70): BM016453.D (-77) (-)

Ion 51.00 (50.70 to 51.70): BM016453.D (-77) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 46.882 ng

RT: 3.75 min Scan# 79

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

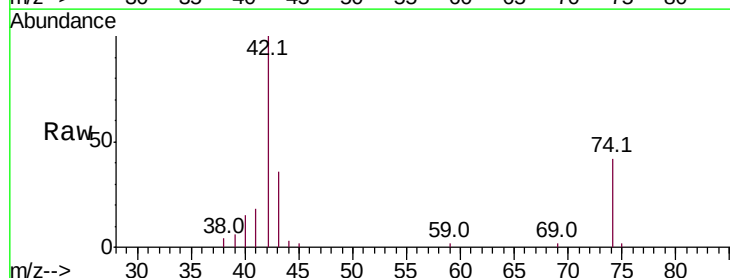
Tgt Ion: 42 Resp: 36292

Ion Ratio Lower Upper

42 100

74 41.9 119.3 178.9#

44 2.9 5.4 8.2#

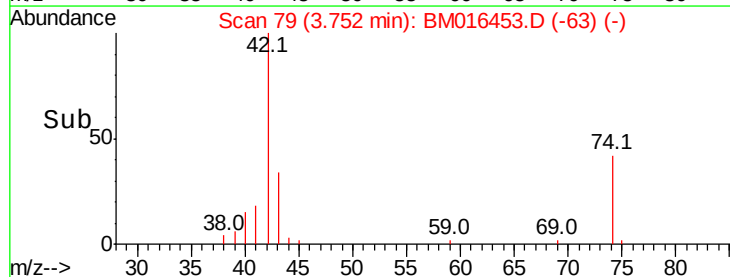


Abundance Ion 42.00 (41.70 to 42.70): BM016437.D (-75) (-)

Ion 74.00 (73.70 to 74.70): BM016437.D (-75) (-)

Ion 44.00 (43.70 to 44.70): BM016437.D (-75) (-)

Time-->

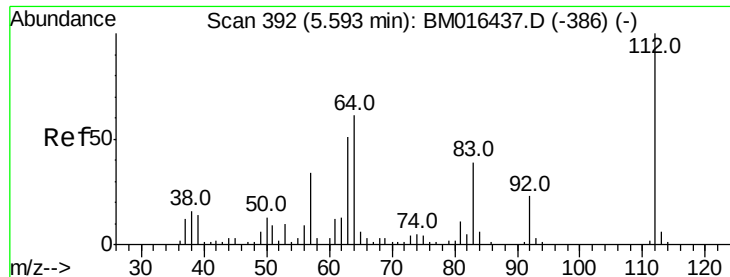


Abundance Ion 42.00 (41.70 to 42.70): BM016453.D (-63) (-)

Ion 74.00 (73.70 to 74.70): BM016453.D (-63) (-)

Ion 44.00 (43.70 to 44.70): BM016453.D (-63) (-)

Time-->



#5

2-Fluorophenol

Concen: 46.882 ng

RT: 5.59 min Scan# 392

Delta R.T. 0.00 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampled :

RT2286MS

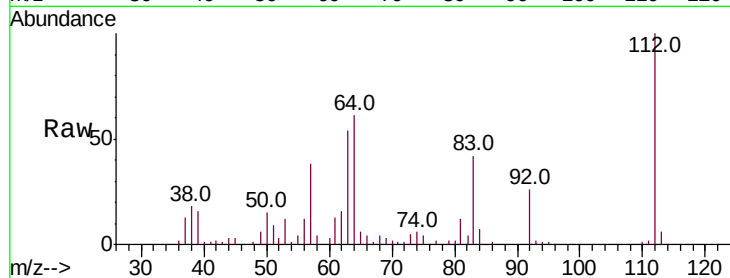
Tot Ion:112 Resp: 92526

Ion Ratio Lower Upper

112 100

64 61.1 38.6 57.8#

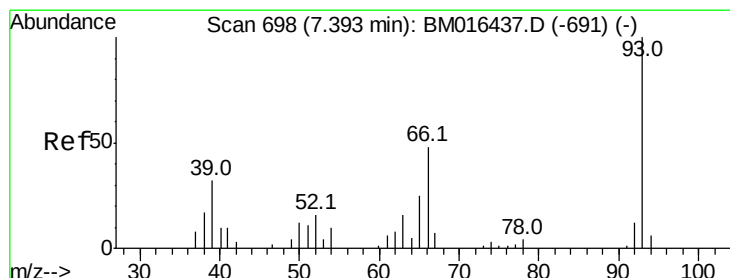
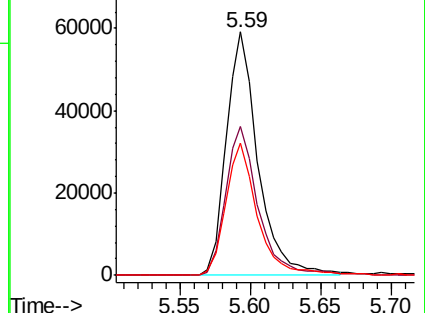
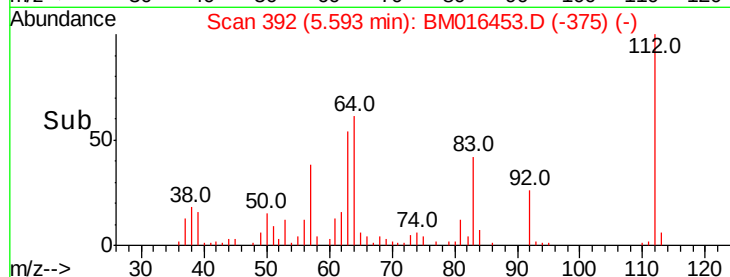
63 54.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 31.076 ng

RT: 7.39 min Scan# 698

Delta R.T. 0.00 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

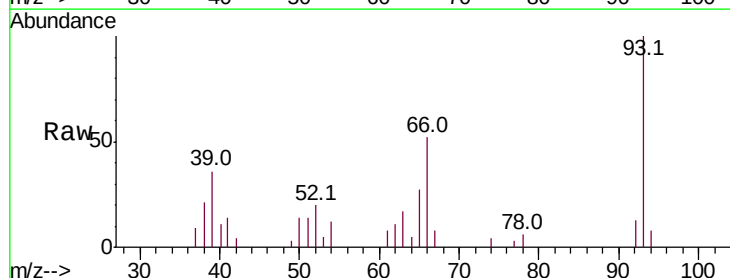
Tgt Ion: 93 Resp: 28803

Ion Ratio Lower Upper

93 100

66 52.3 30.8 46.2#

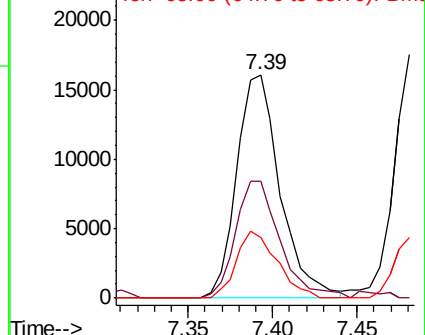
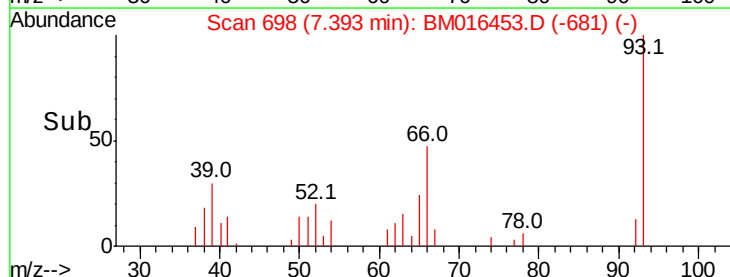
65 27.2 16.0 24.0#

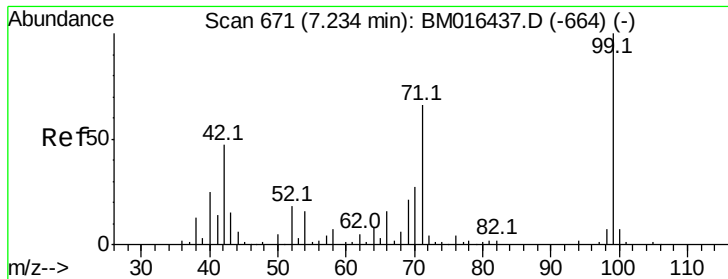


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 31.076 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM016453.D

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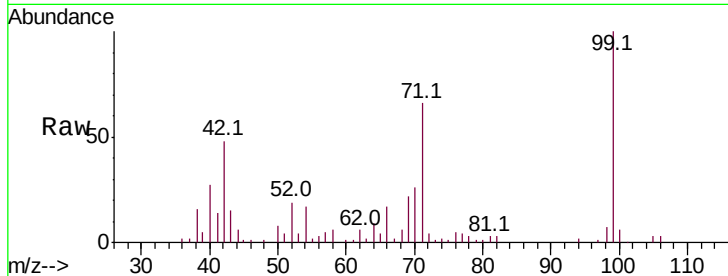
Tot Ion: 99 Resp: 116957

Ion Ratio Lower Upper

99 100

42 48.4 11.0 16.4#

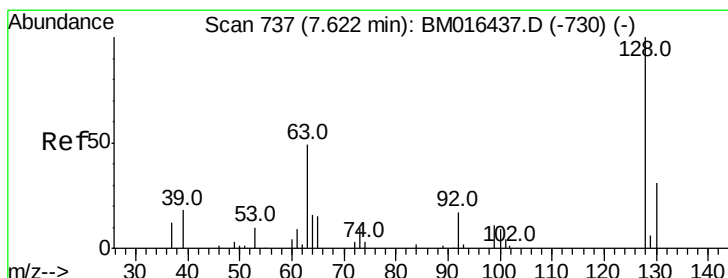
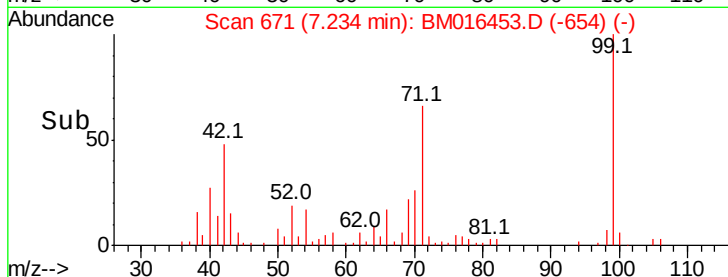
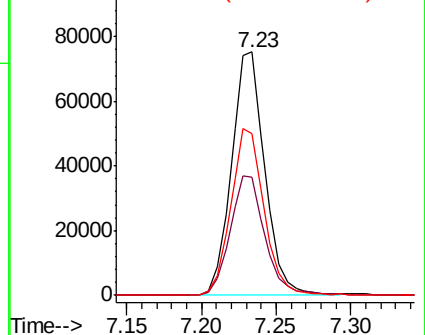
71 66.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016453.D (-654) (-)

Ion 42.00 (41.70 to 42.70): BM016453.D (-654) (-)

Ion 71.00 (70.70 to 71.70): BM016453.D (-654) (-)



#8

2-Chlorophenol

Concen: 46.568 ng

RT: 7.62 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

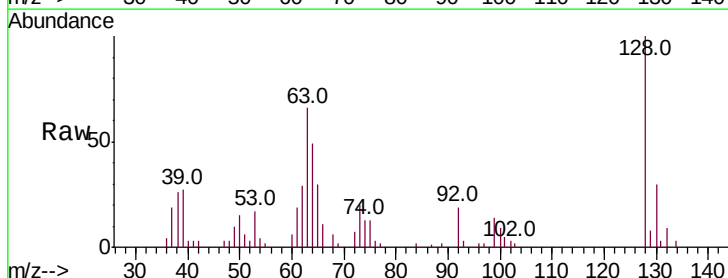
Tgt Ion: 128 Resp: 38259

Ion Ratio Lower Upper

128 100

130 30.4 12.0 52.0

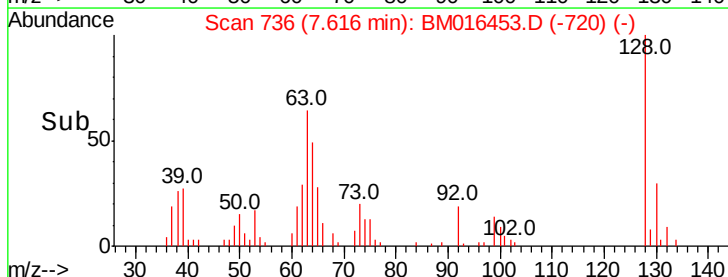
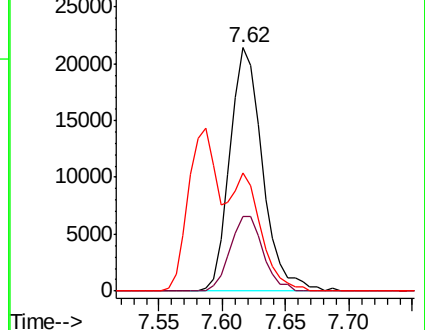
64 48.7 24.9 64.9

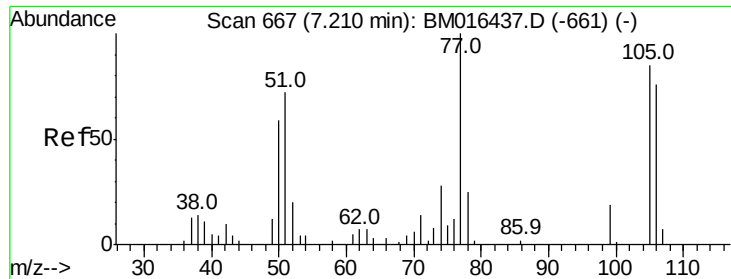


Abundance Ion 128.00 (127.70 to 128.70): BM016453.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM016453.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM016453.D (-720) (-)





#9

Benzaldehyde

Concen: 33.486 ng

RT: 7.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM016453.D

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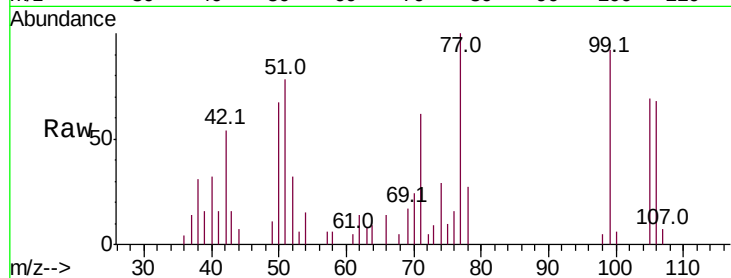
Tot Ion: 77 Resp: 19721

Ion Ratio Lower Upper

77 100

105 69.0 78.8 118.8#

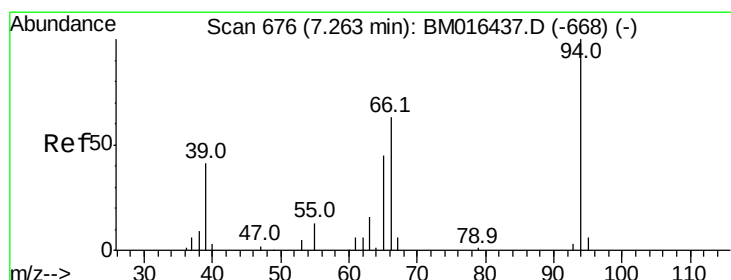
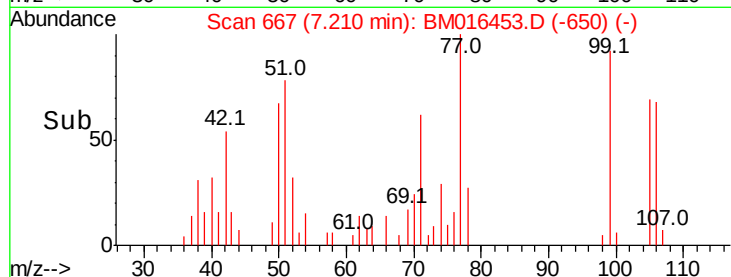
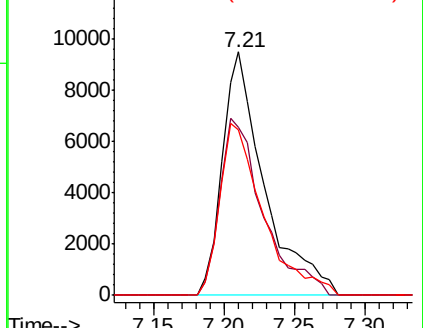
106 67.8 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016437.D (-661) (-)

Ion 105.00 (104.70 to 105.70): BM016437.D (-661) (-)

Ion 106.00 (105.70 to 106.70): BM016437.D (-661) (-)



#10

Phenol

Concen: 40.502 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

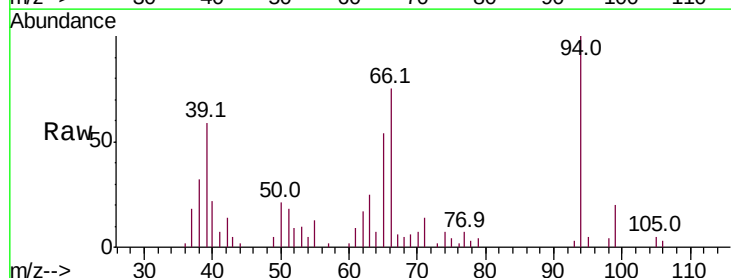
Tgt Ion: 94 Resp: 35141

Ion Ratio Lower Upper

94 100

65 53.6 18.8 58.8

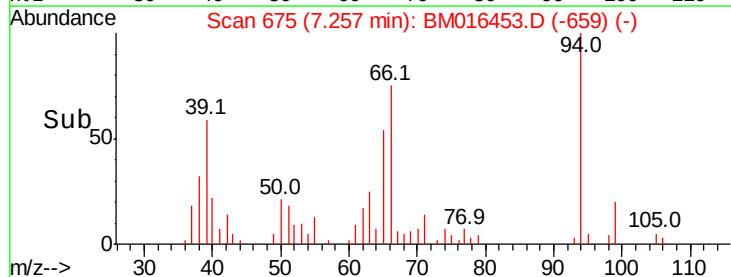
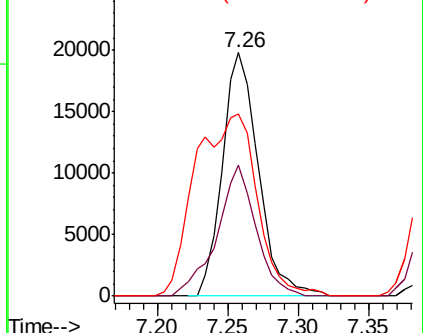
66 74.9 39.9 79.9

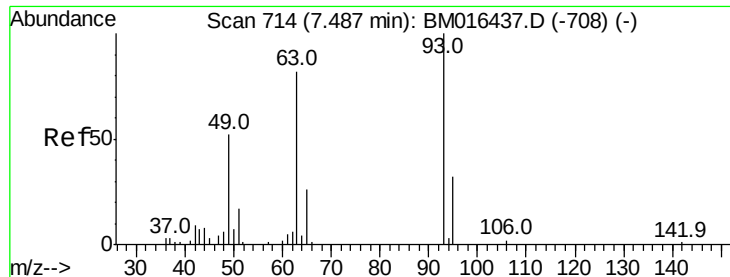


Abundance Ion 94.00 (93.70 to 94.70): BM016437.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016437.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016437.D (-668) (-)



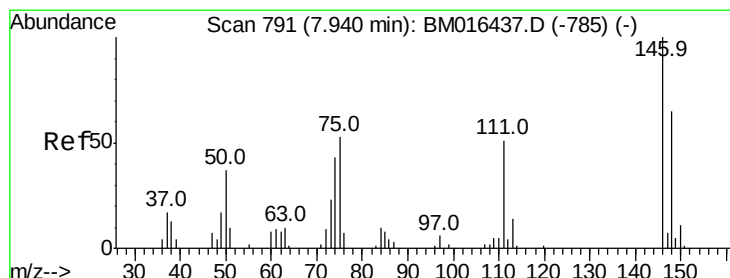
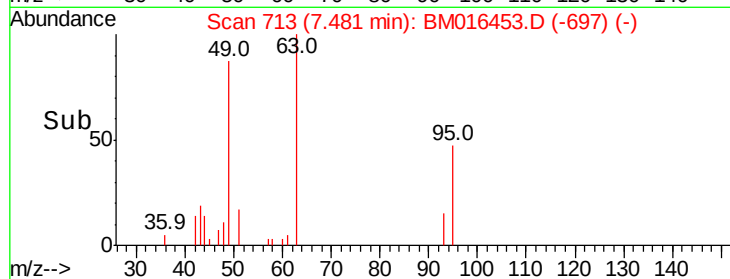
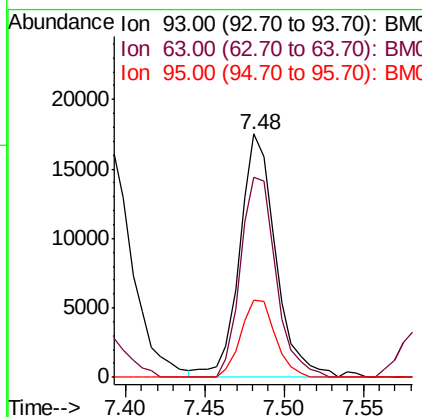
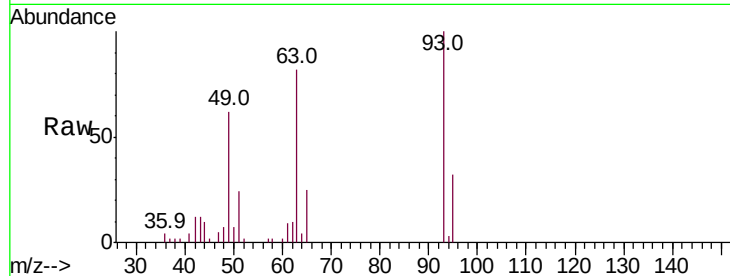


#11
 bis(2-Chloroethyl)ether
 Concen: 42.026 ng
 RT: 7.48 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

Tot Ion: 93 Resp: 27682

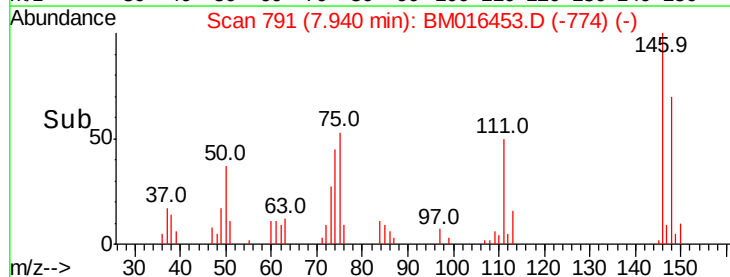
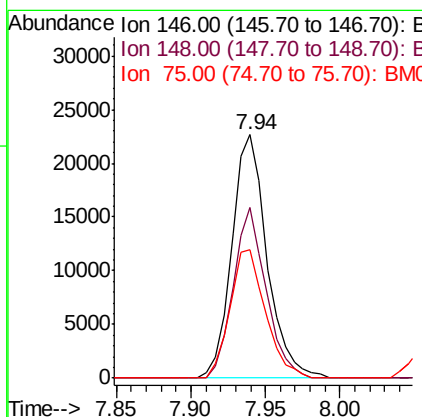
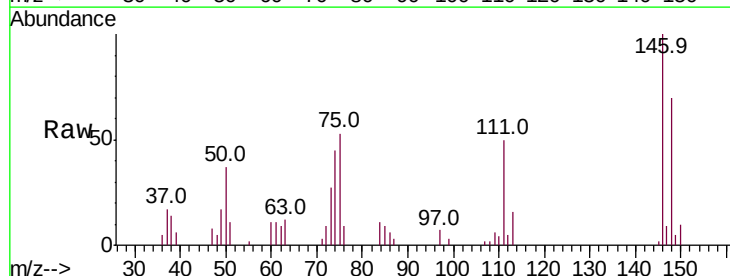
Ion	Ratio	Lower	Upper
93	100		
63	82.4	49.5	89.5
95	31.6	13.5	53.5

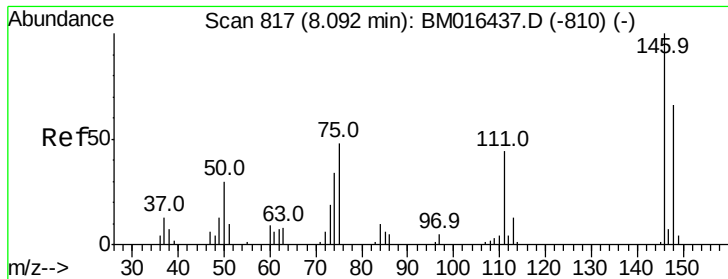


#12
 1,3-Dichlorobenzene
 Concen: 39.429 ng
 RT: 7.94 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion: 146 Resp: 37126

Ion	Ratio	Lower	Upper
146	100		
148	70.1	50.9	76.3
75	52.7	21.4	32.2

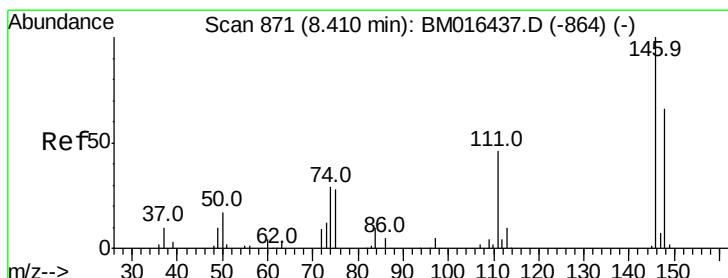
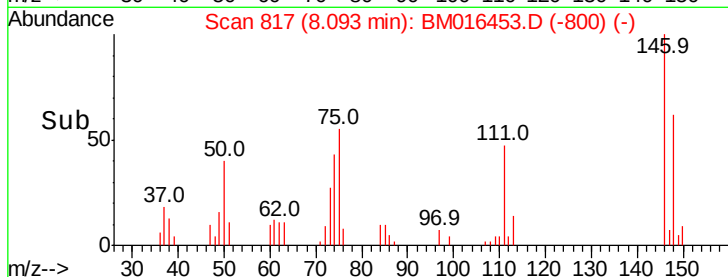
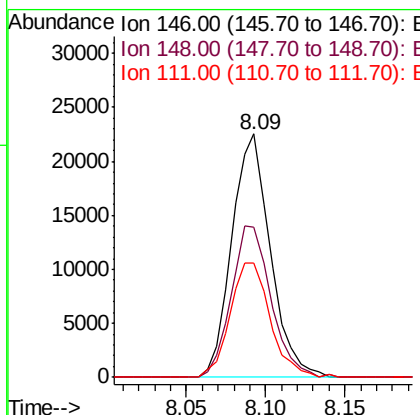
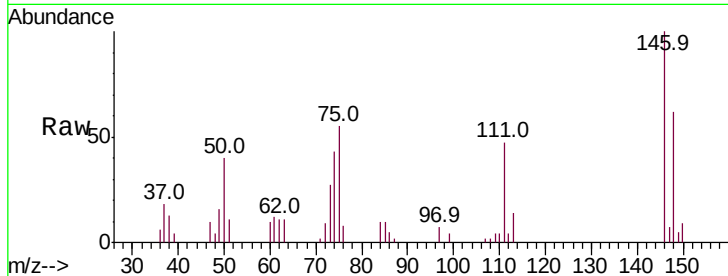




#13
 1,4-Dichlorobenzene
 Concen: 39.804 ng
 RT: 8.09 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

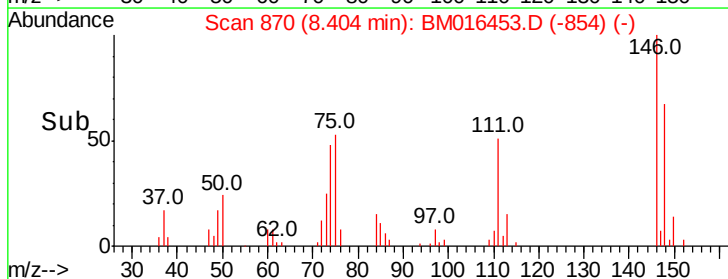
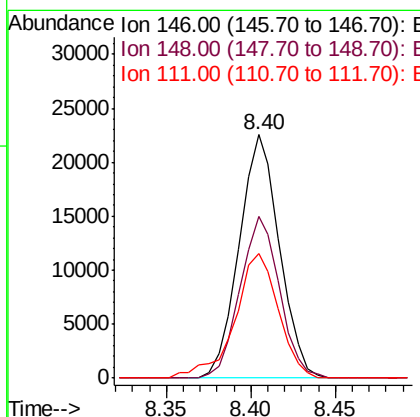
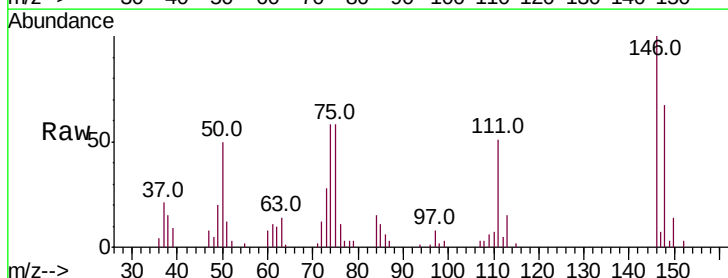
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

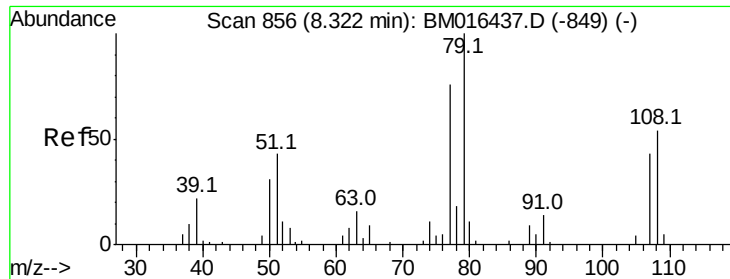
Tot Ion:146 Resp: 37888
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.9 77.9
 111 47.1 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 39.931 ng
 RT: 8.40 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion:146 Resp: 37339
 Ion Ratio Lower Upper
 146 100
 148 66.5 52.3 78.5
 111 51.3 30.6 45.8#

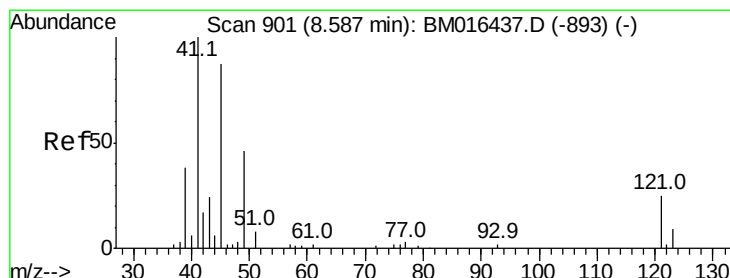
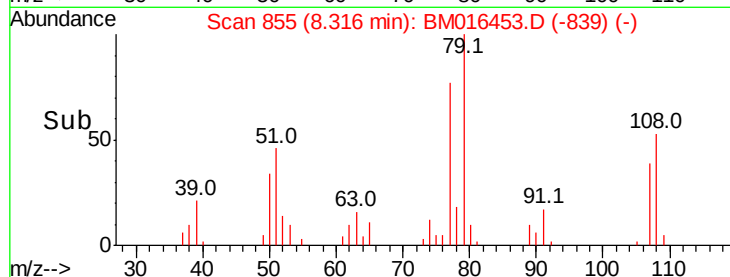
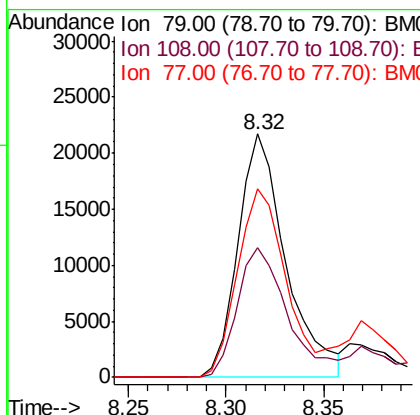
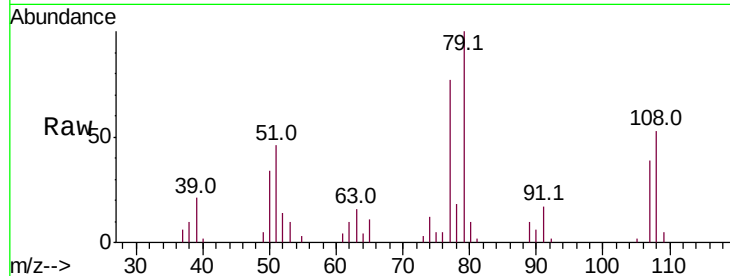




#15
Benzyl Alcohol
Concen: 45.482 ng
RT: 8.32 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

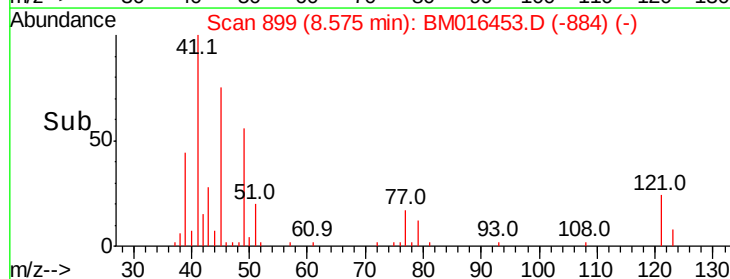
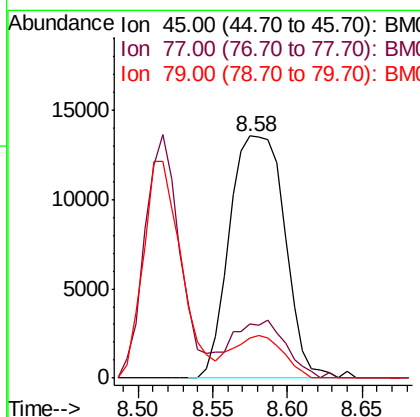
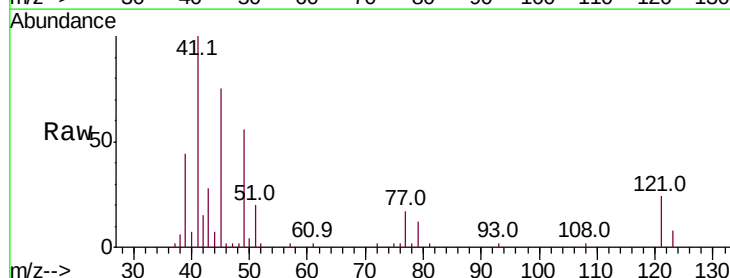
Instrument :
BNA_M
ClientSampleID :
RT2286MS

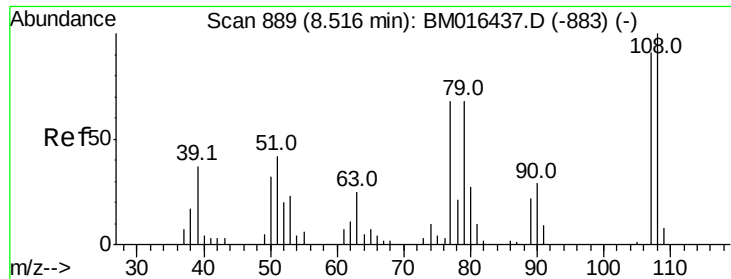
Tot Ion: 79 Resp: 36977
Ion Ratio Lower Upper
79 100
108 53.4 65.0 97.4#
77 77.2 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.984 ng
RT: 8.58 min Scan# 899
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion: 45 Resp: 34811
Ion Ratio Lower Upper
45 100
77 22.3 0.0 35.2
79 16.5 0.0 32.0

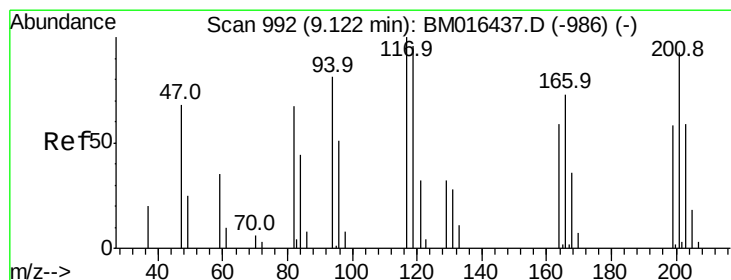
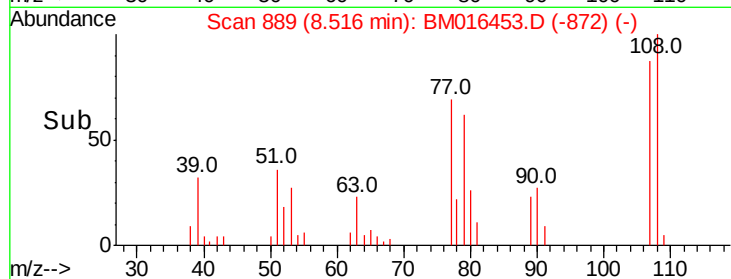
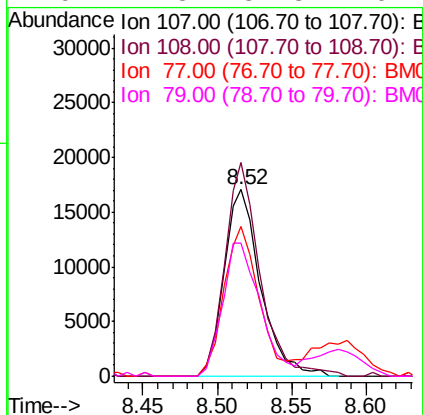
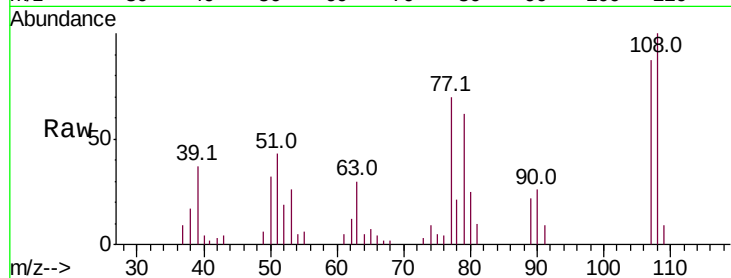




#17
2-Methylphenol
Concen: 46.618 ng
RT: 8.52 min Scan# 889
Delta R.T. 0.00 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

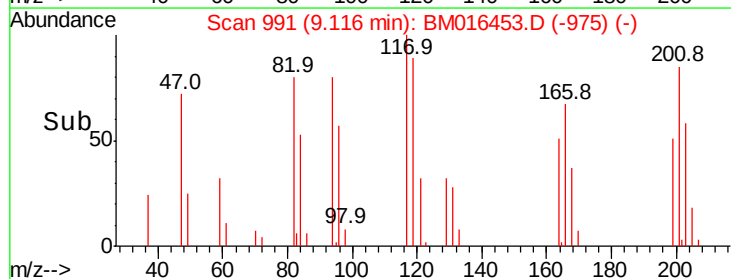
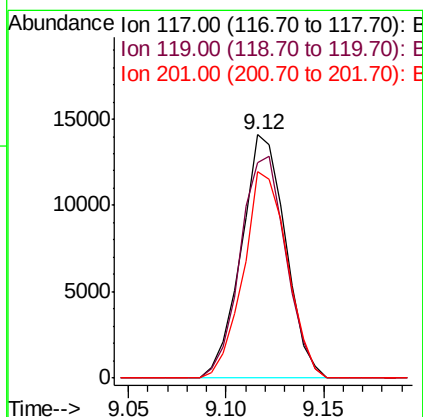
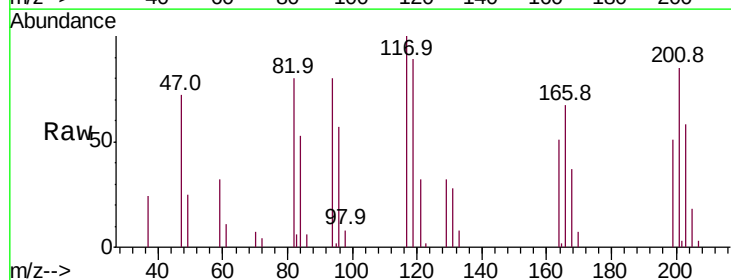
Instrument :
BNA_M
ClientSampleId :
RT2286MS

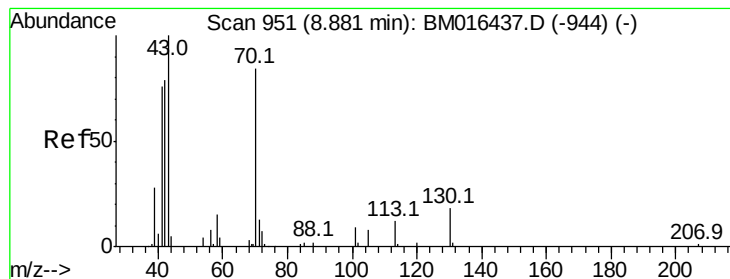
Tot Ion:107 Resp: 29227
Ion Ratio Lower Upper
107 100
108 114.6 89.8 134.8
77 80.1 32.6 48.8#
79 71.3 32.8 49.2#



#18
Hexachloroethane
Concen: 45.085 ng
RT: 9.12 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion:117 Resp: 22100
Ion Ratio Lower Upper
117 100
119 88.7 79.2 118.8
201 87.7 69.8 104.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.377 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampleId :

RT2286MS

Tot Ion: 70 Resp: 30178

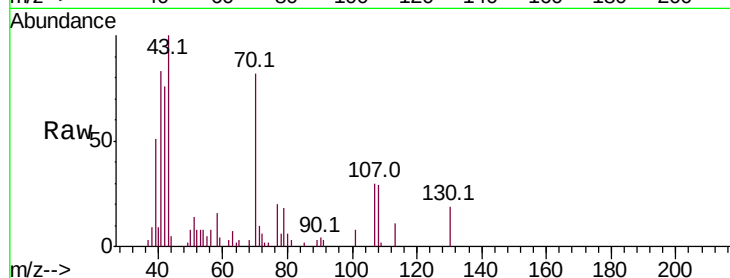
Ion Ratio Lower Upper

70 100

42 92.1 44.5 66.7#

101 9.8 7.4 11.2

130 22.6 15.3 22.9

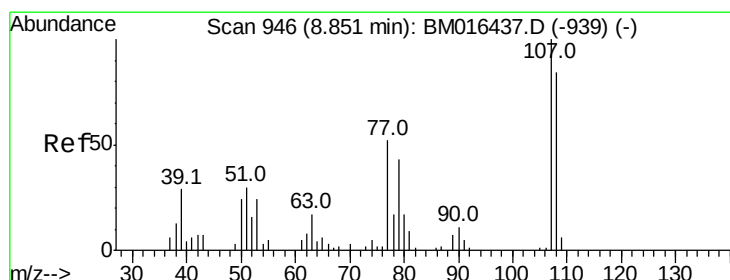
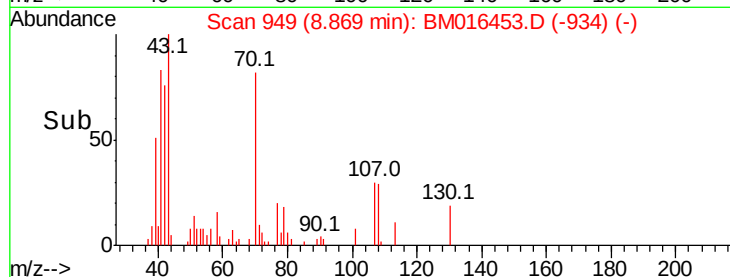
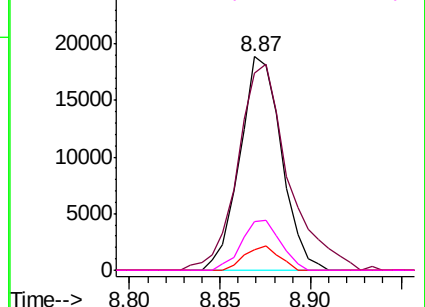


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 45.982 ng

RT: 8.85 min Scan# 946

Delta R.T. 0.00 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Tgt Ion:107 Resp: 39617

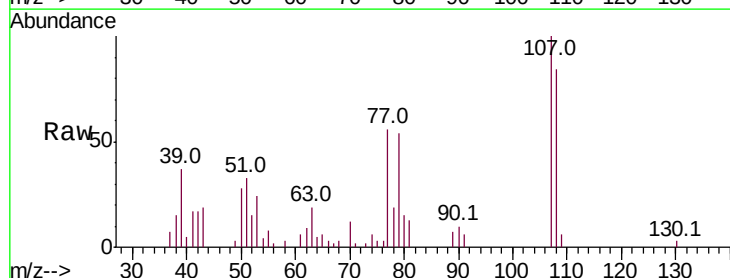
Ion Ratio Lower Upper

107 100

108 83.9 73.2 113.2

77 55.8 10.7 50.7#

79 54.2 9.6 49.6#

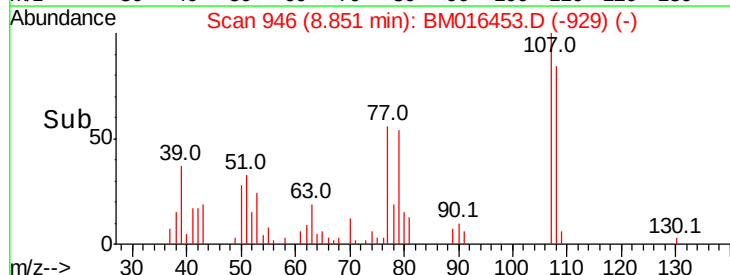
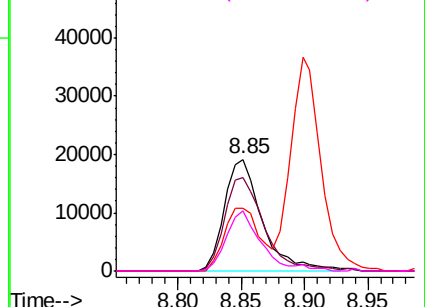


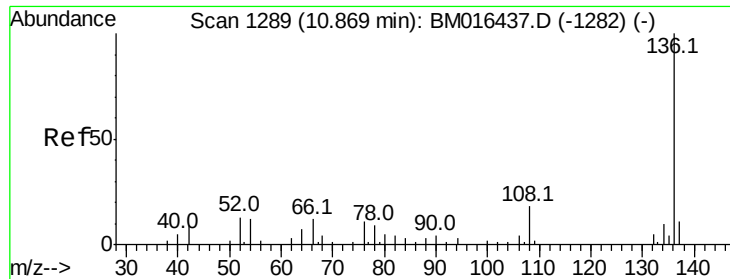
Abundance Ion 107.00 (106.70 to 107.70): E

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

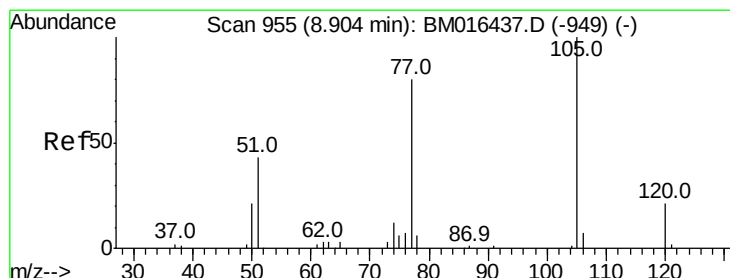
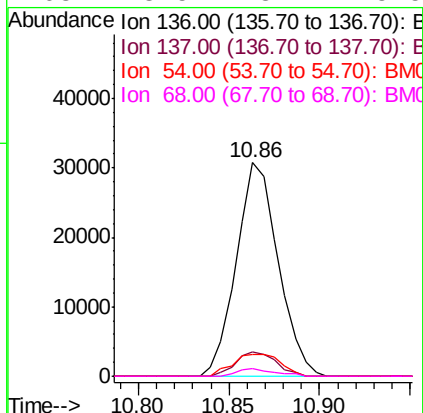
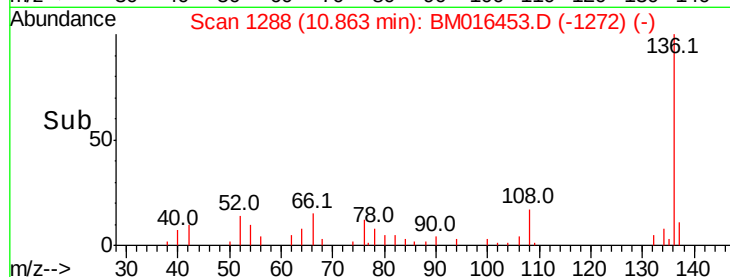
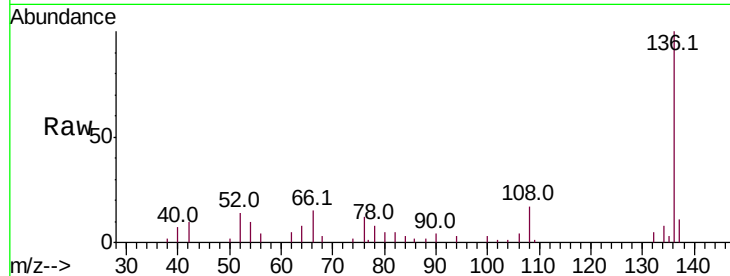




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

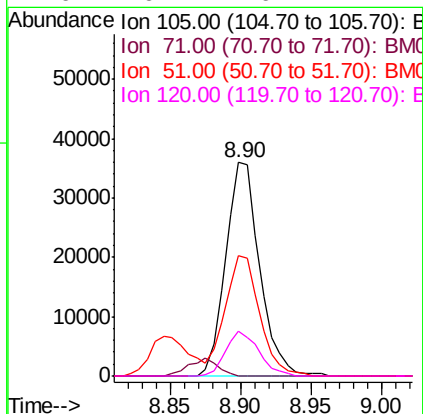
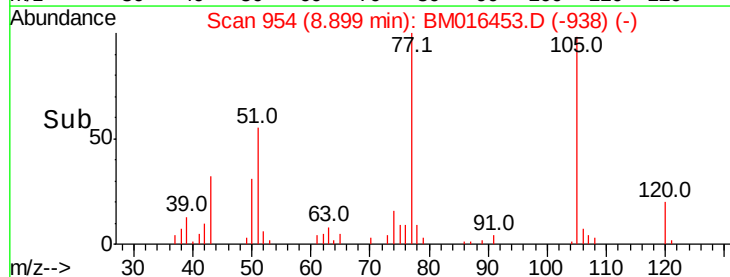
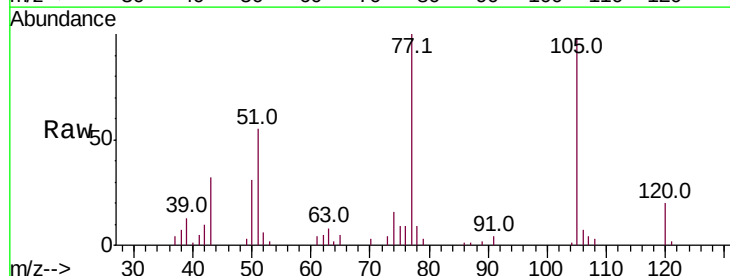
Instrument :
BNA_M
ClientSampleId :
RT2286MS

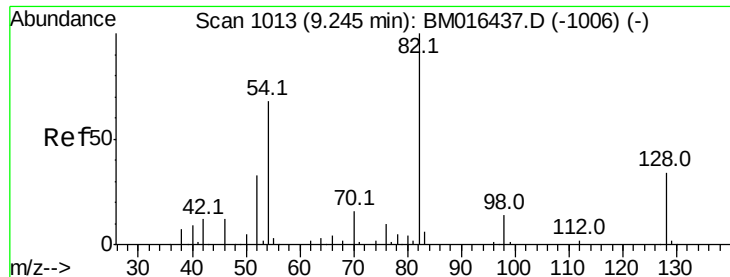
Tot Ion:	136	Resp:	49511
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.5	4.6	6.8#
68	3.5	3.7	5.5#



#22
Acetophenone
Concen: 45.415 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion:	105	Resp:	60306
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	56.5	21.6	32.4#
120	20.7	16.1	24.1

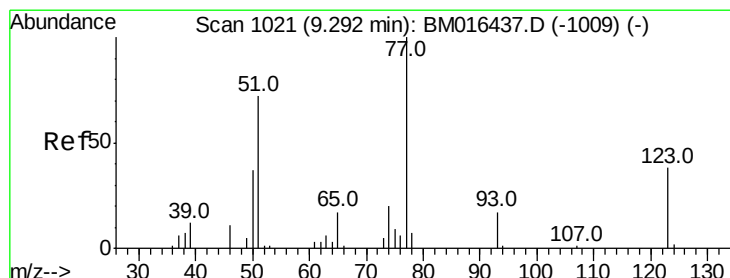
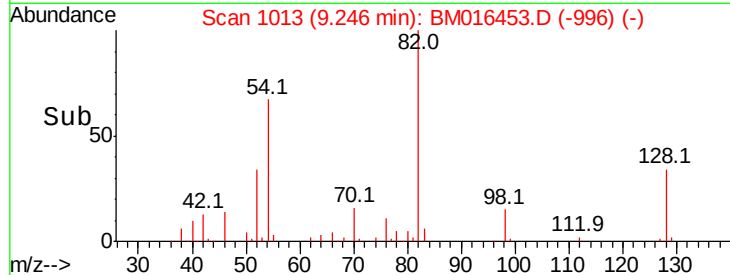
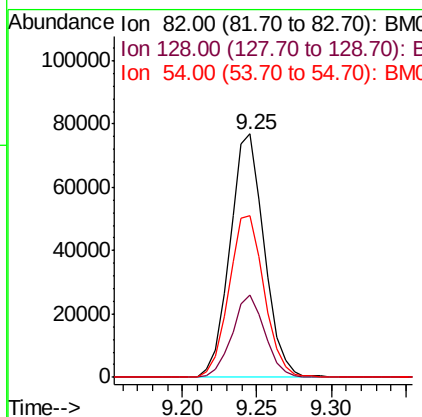
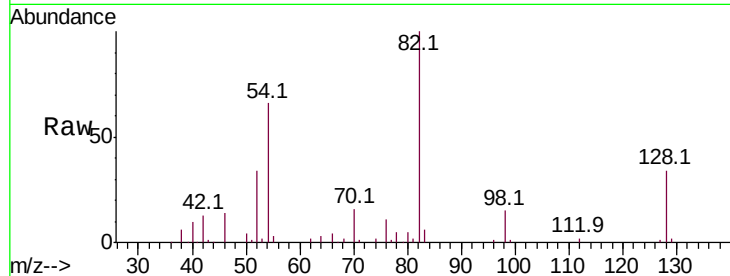




#23
 Nitrobenzene-d5
 Concen: 45.415 ng
 RT: 9.25 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

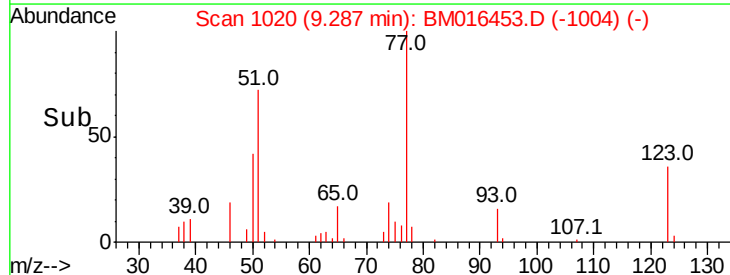
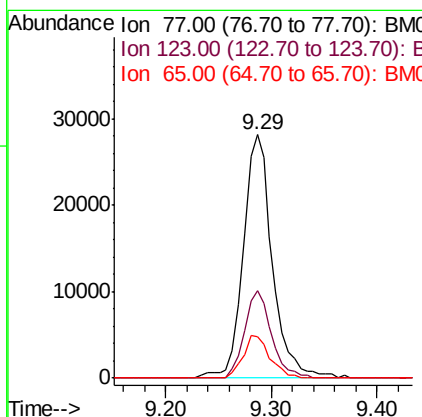
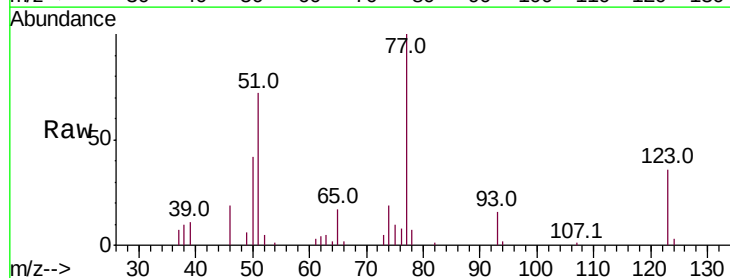
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

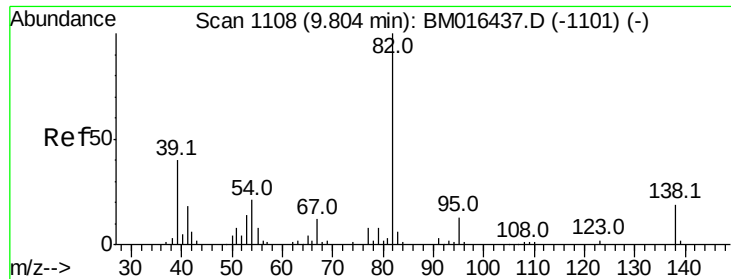
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.0	32.8	49.2
54	66.2	40.6	60.8#



#24
 Nitrobenzene
 Concen: 46.719 ng
 RT: 9.29 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.7	32.6	49.0
65	17.0	10.9	16.3#

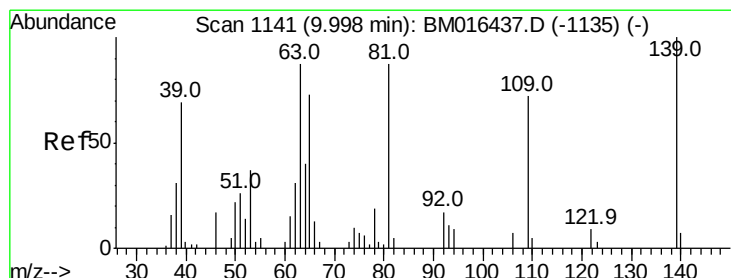
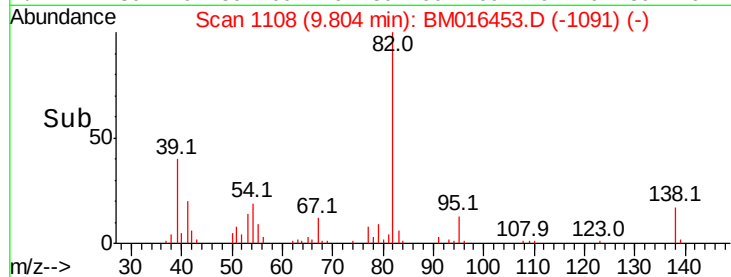
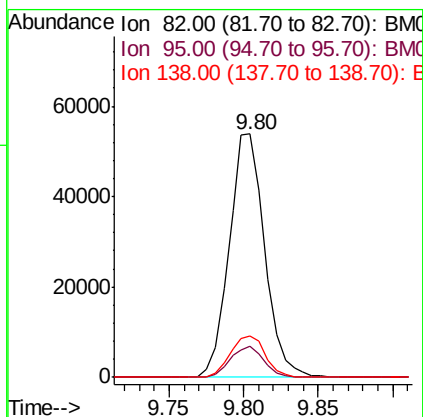
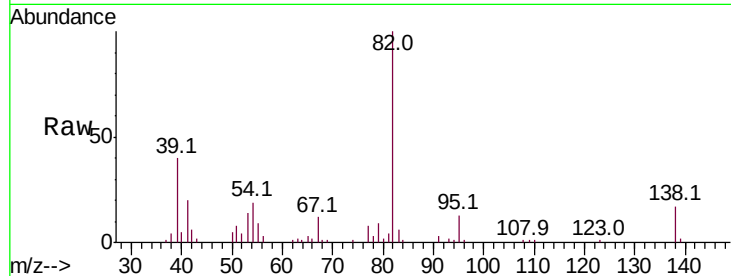




#25
Isophorone
Concen: 56.283 ng
RT: 9.80 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

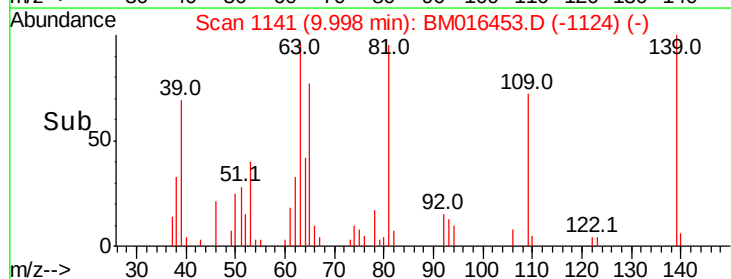
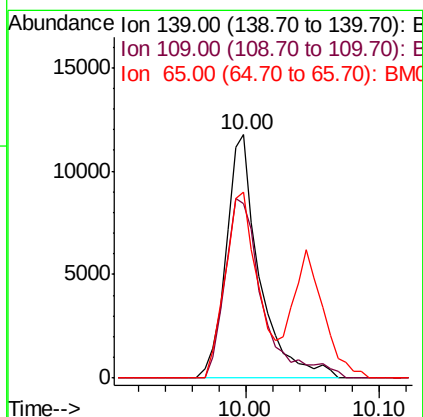
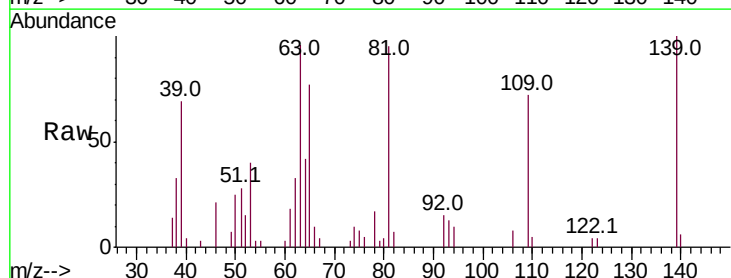
Instrument :
BNA_M
ClientSampleId :
RT2286MS

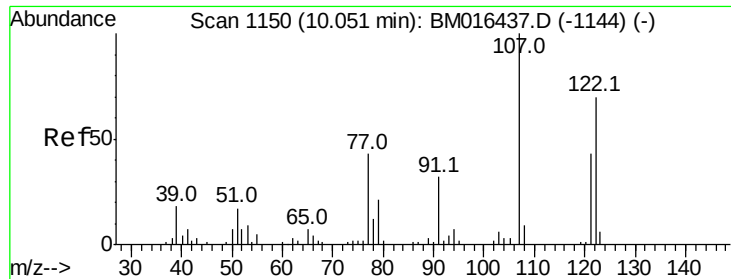
Tot Ion: 82 Resp: 89244
Ion Ratio Lower Upper
82 100
95 12.6 5.8 8.6#
138 17.2 16.3 24.5



#26
2-Nitrophenol
Concen: 42.508 ng
RT: 10.00 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion: 139 Resp: 20492
Ion Ratio Lower Upper
139 100
109 71.7 20.1 30.1#
65 76.5 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 57.276 ng

RT: 10.05 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampleId :

RT2286MS

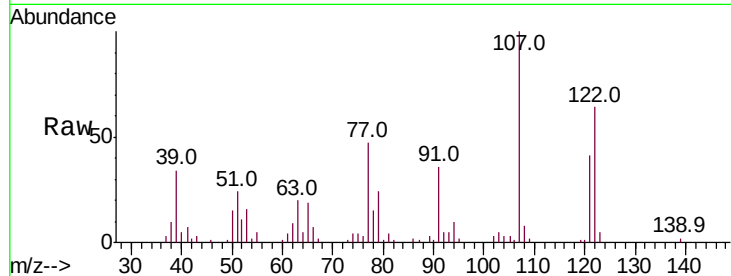
Tot Ion:122 Resp: 36912

Ion Ratio Lower Upper

122 100

107 155.8 84.7 127.1#

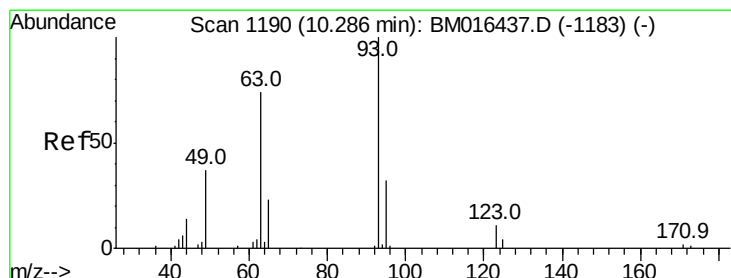
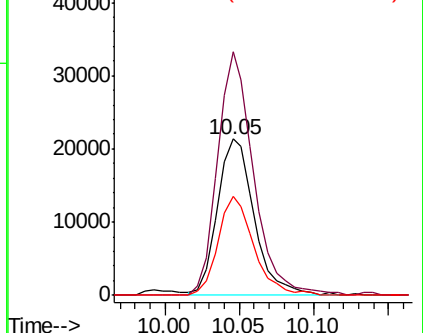
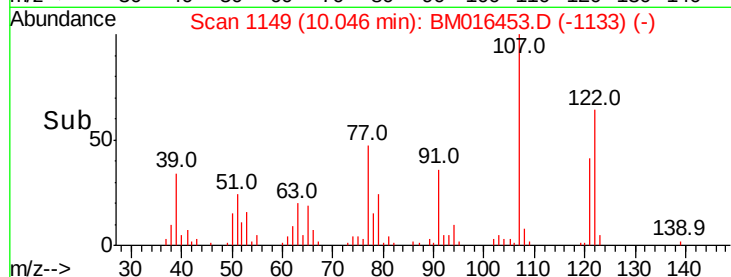
121 63.5 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.140 ng

RT: 10.28 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

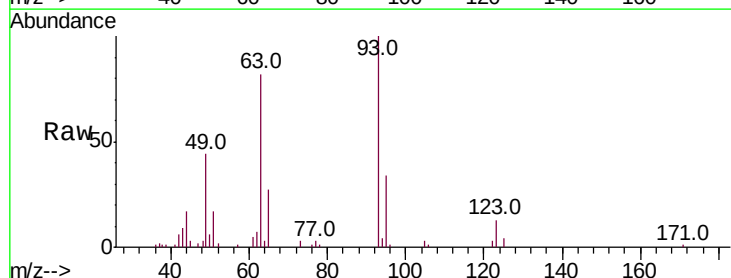
Tgt Ion: 93 Resp: 45072

Ion Ratio Lower Upper

93 100

95 34.4 25.5 38.3

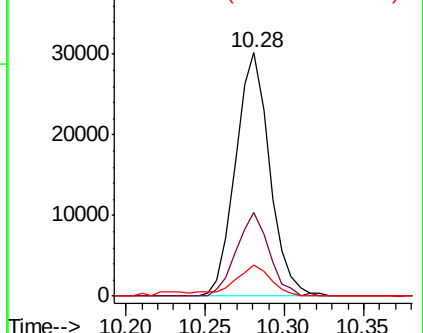
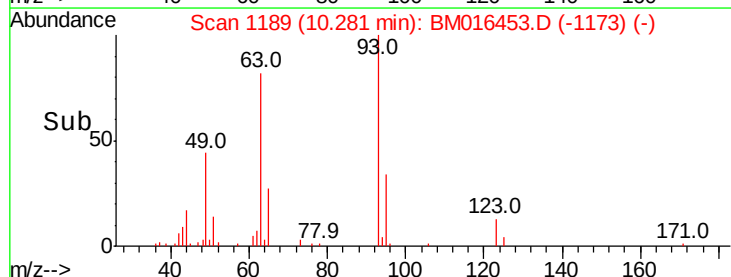
123 12.6 8.6 13.0

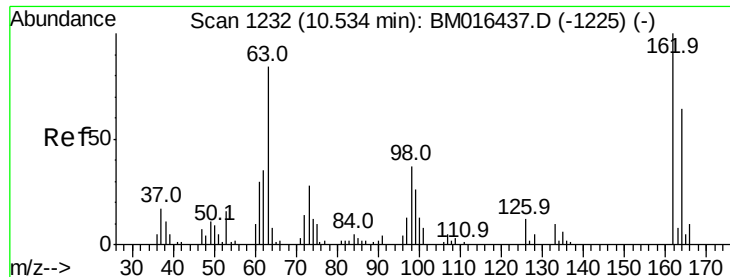


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

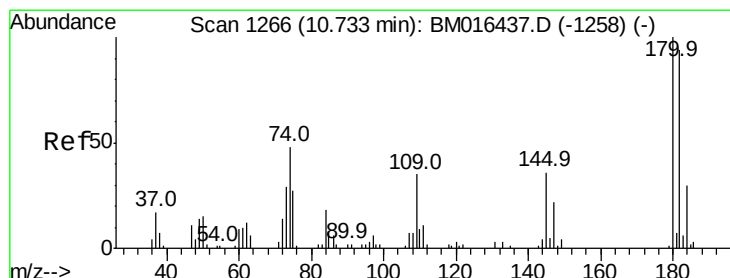
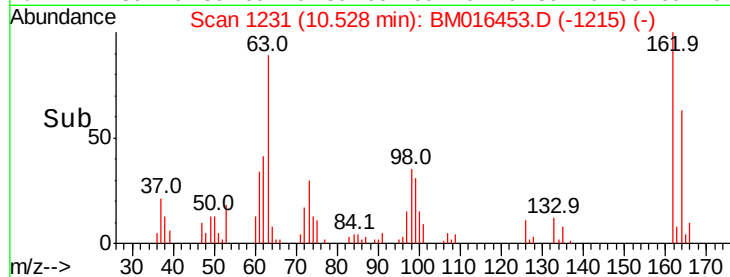
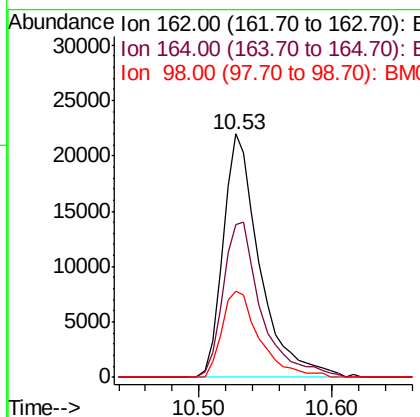
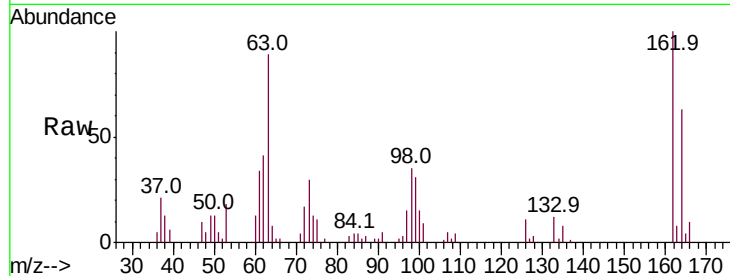




#29
2,4-Dichlorophenol
Concen: 48.427 ng
RT: 10.53 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

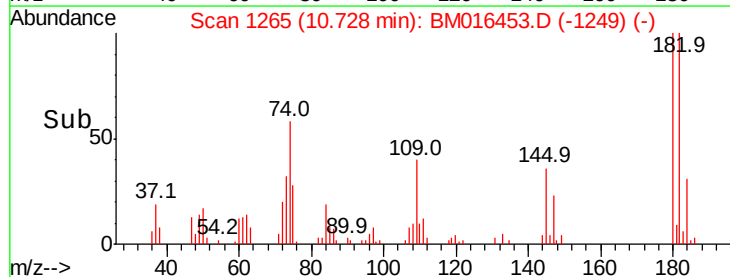
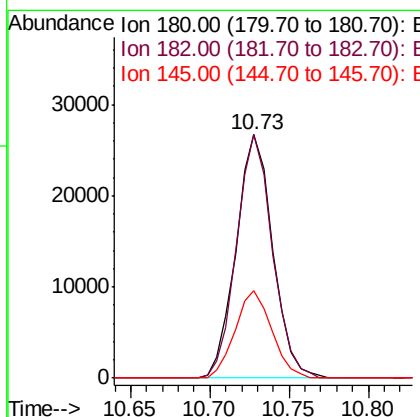
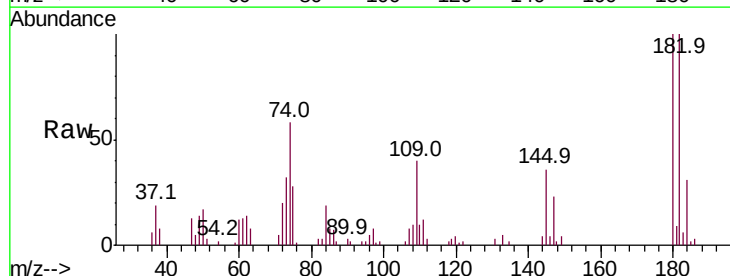
Instrument :
BNA_M
ClientSampleId :
RT2286MS

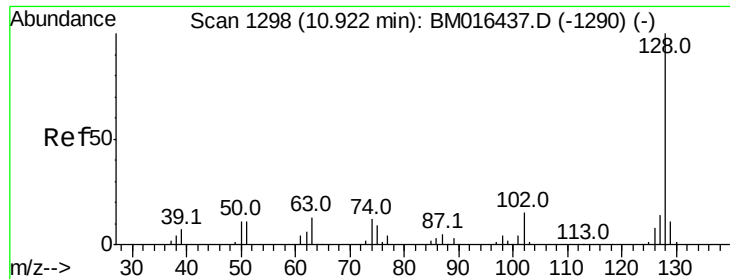
Tot Ion:162 Resp: 42191
Ion Ratio Lower Upper
162 100
164 62.7 42.8 82.8
98 35.4 14.5 54.5



#30
1,2,4-Trichlorobenzene
Concen: 41.571 ng
RT: 10.73 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion:180 Resp: 42829
Ion Ratio Lower Upper
180 100
182 100.2 77.6 116.4
145 35.9 23.4 35.2#

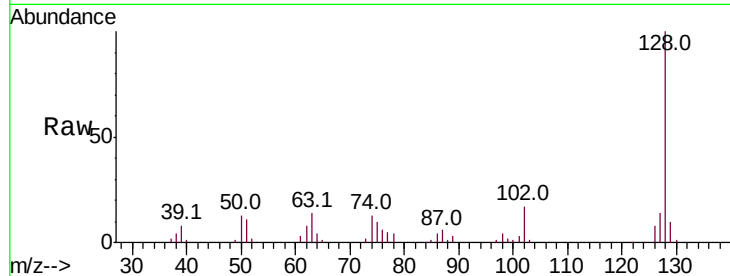




#31
Naphthalene
Concen: 48.914 ng
RT: 10.92 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Instrument :
BNA_M
ClientSampleId :
RT2286MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.9	13.3
127	13.5	10.4	15.6

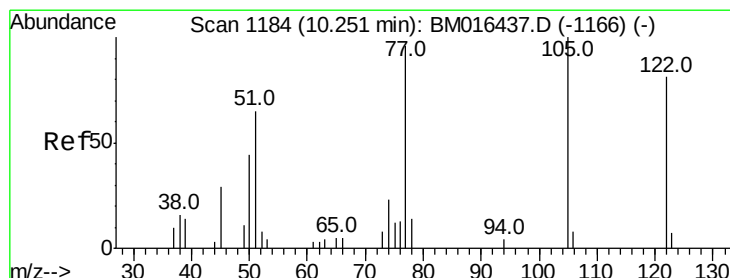
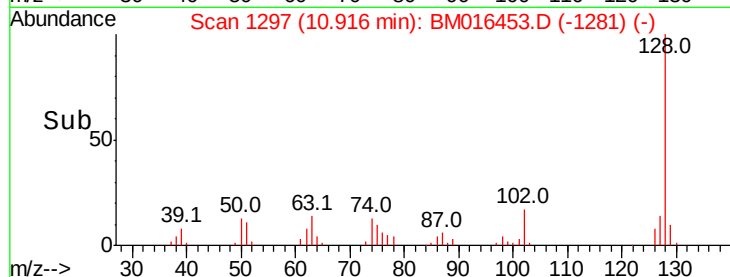
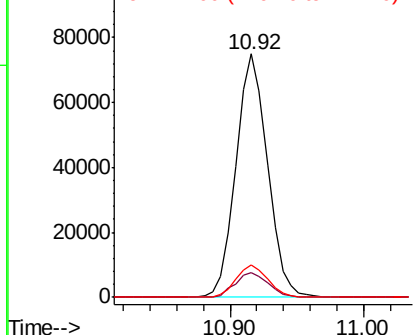


Abundance

Ion 128.00 (127.70 to 128.70): E

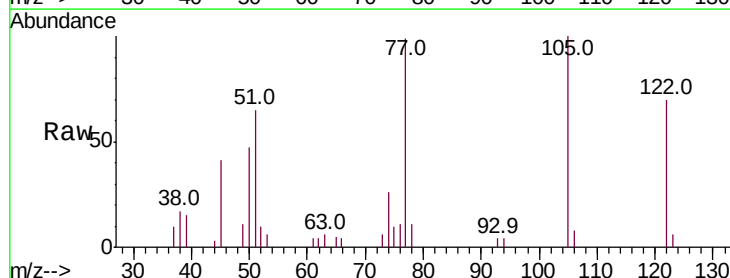
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 47.072 ng
RT: 10.25 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.9	99.9	139.9#
77	141.4	73.7	113.7#

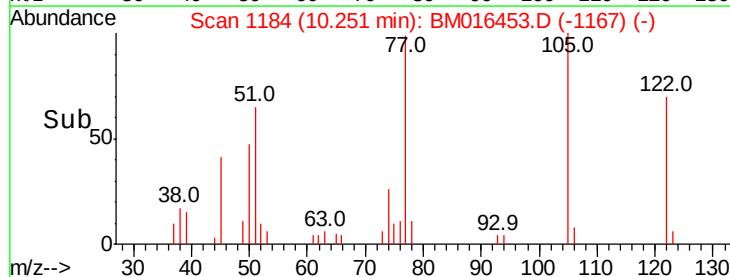
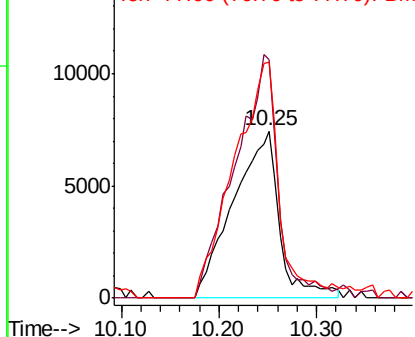


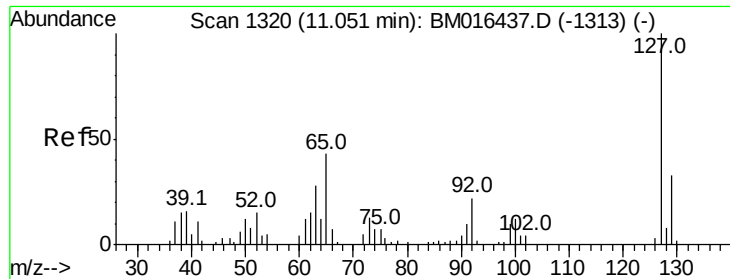
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

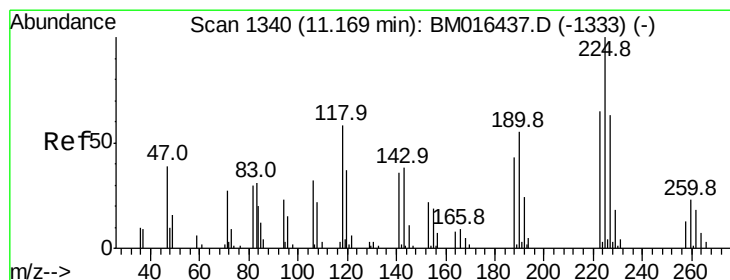
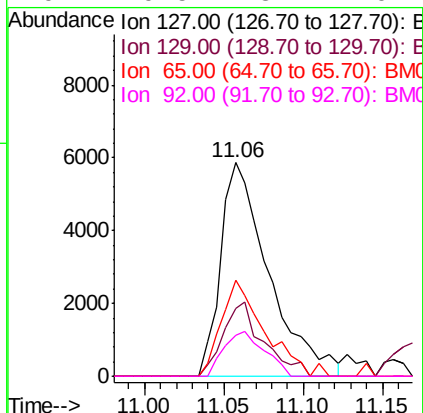
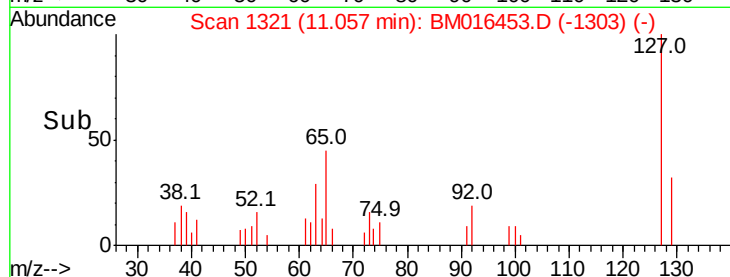
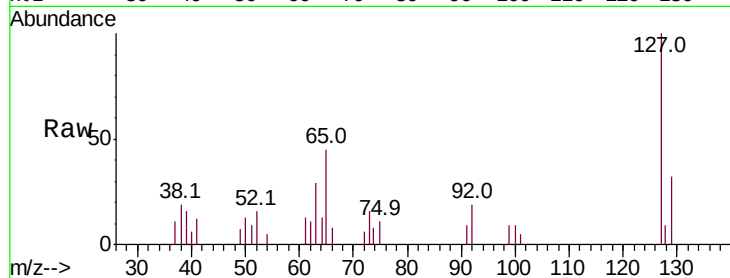




#33
4-Chloroaniline
Concen: 11.502 ng
RT: 11.06 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

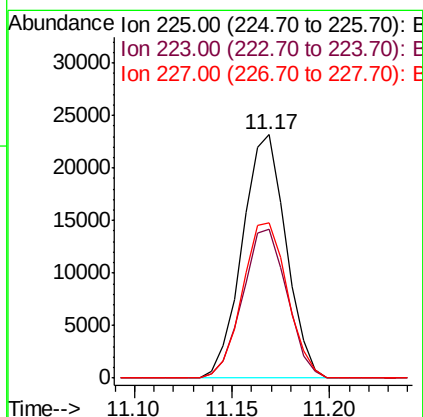
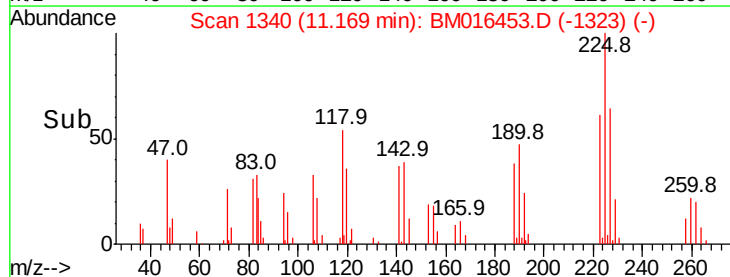
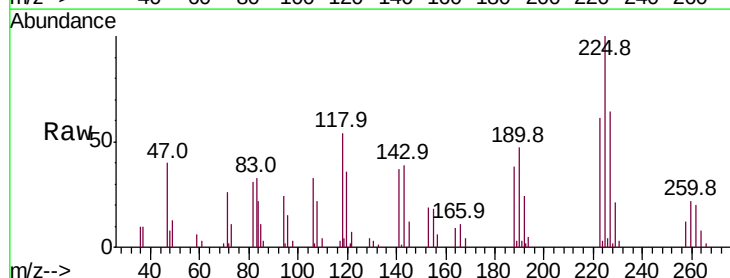
Instrument :
BNA_M
ClientSampleId :
RT2286MS

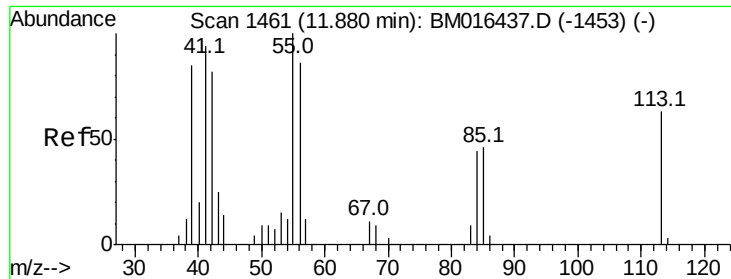
Tot Ion:	127	Resp:	12378
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	44.9	17.6	26.4
92	19.5	13.1	19.7



#34
Hexachlorobutadiene
Concen: 40.514 ng
RT: 11.17 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion:	225	Resp:	35979
Ion	Ratio	Lower	Upper
225	100		
223	61.2	47.9	71.9
227	63.7	50.1	75.1

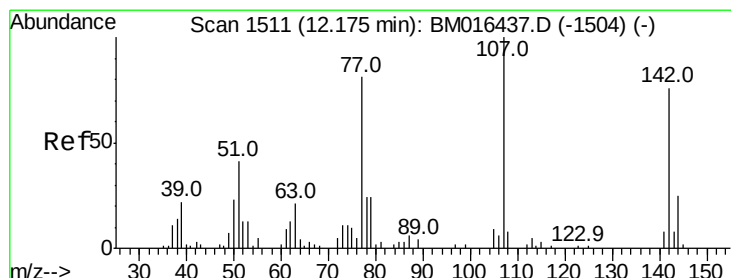
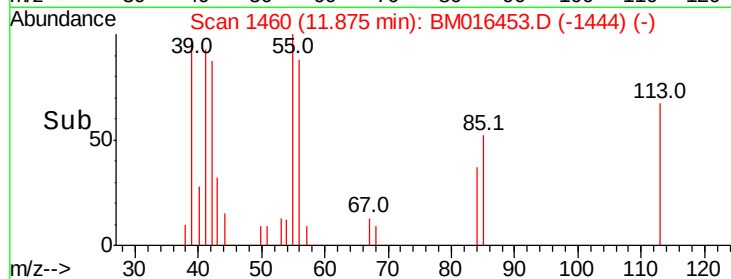
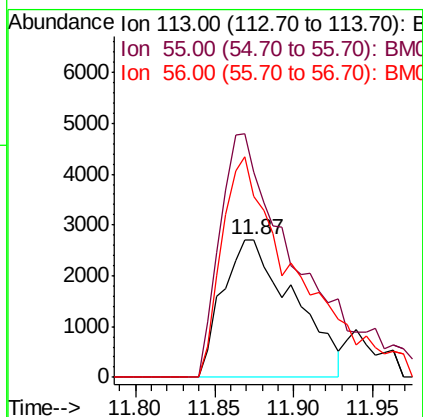
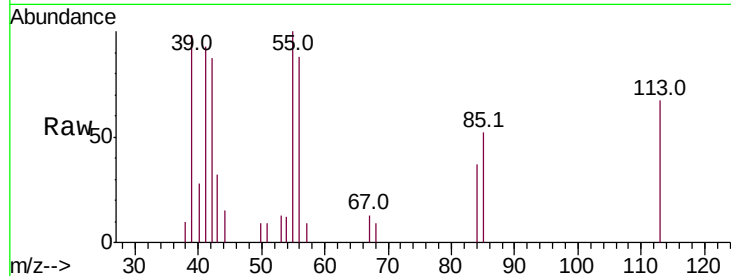




#35
 Caprolactam
 Concen: 37.939 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

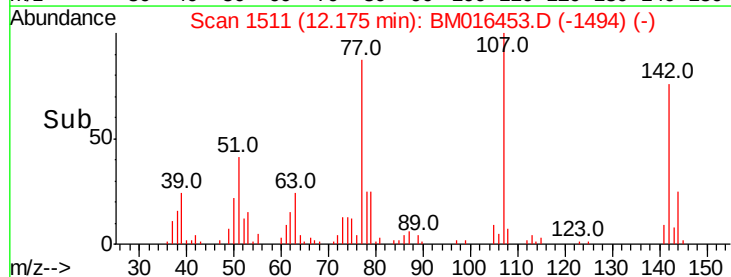
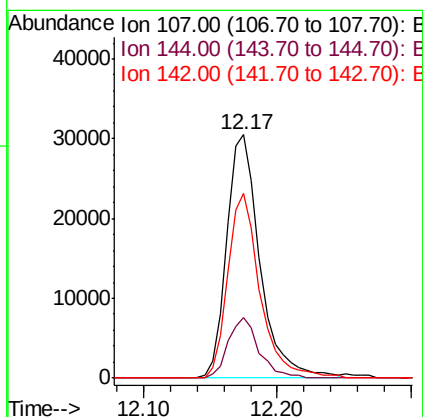
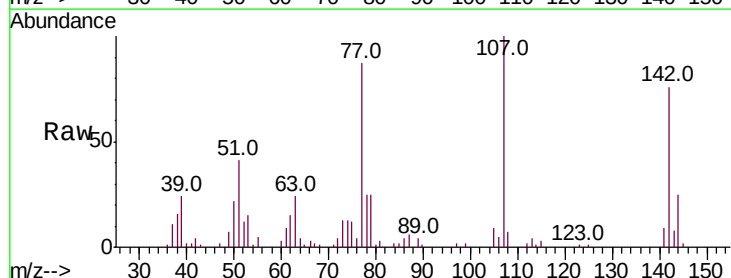
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

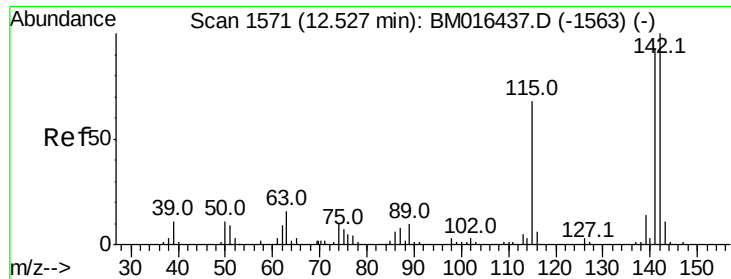
Tot Ion:113 Resp: 8474
 Ion Ratio Lower Upper
 113 100
 55 148.6 145.9 185.9
 56 131.0 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 53.714 ng
 RT: 12.17 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion:107 Resp: 53364
 Ion Ratio Lower Upper
 107 100
 144 24.8 23.3 34.9
 142 75.7 72.6 109.0

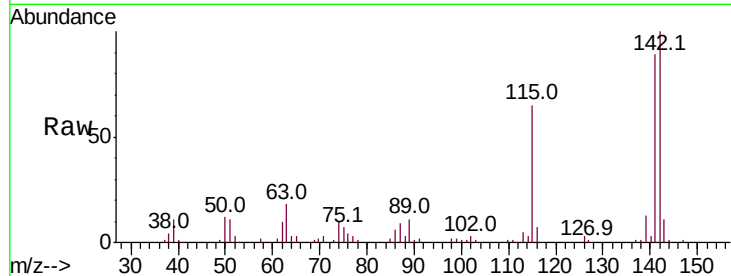




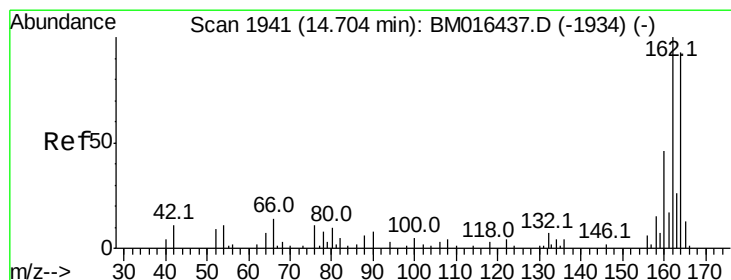
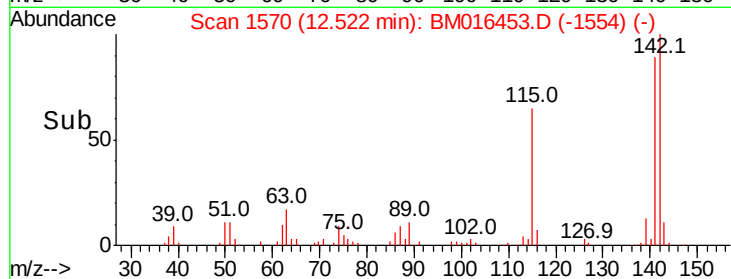
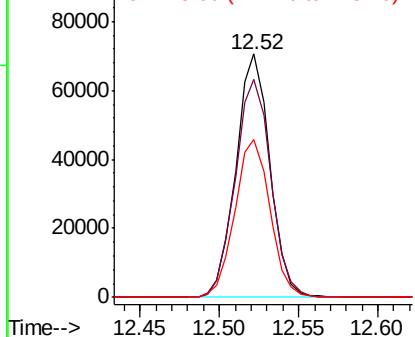
#37
2-Methylnaphthalene
Concen: 56.385 ng
RT: 12.52 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Instrument :
BNA_M
ClientSampleId :
RT2286MS

Tot Ion:142 Resp: 105037
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9
115 64.9 25.4 38.0#

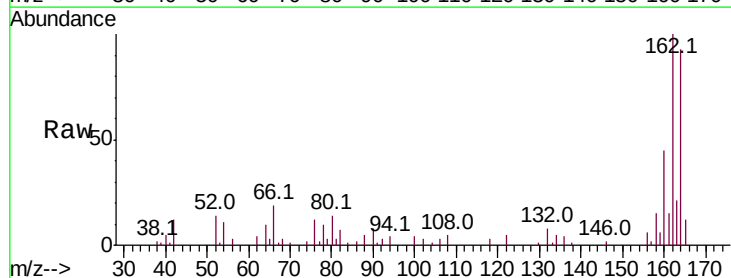


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

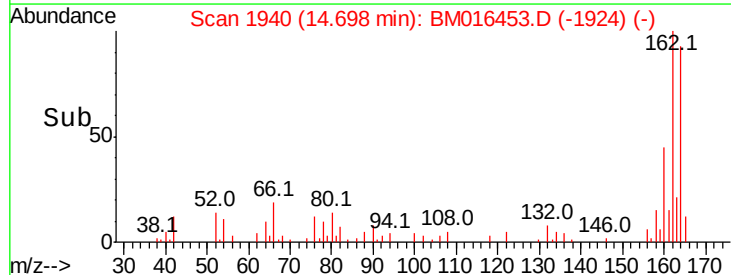
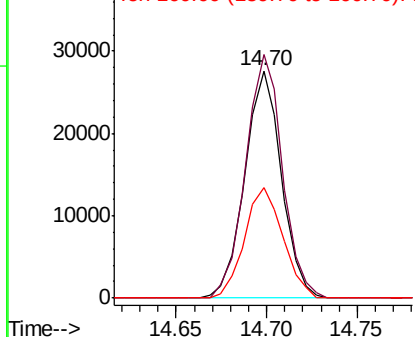


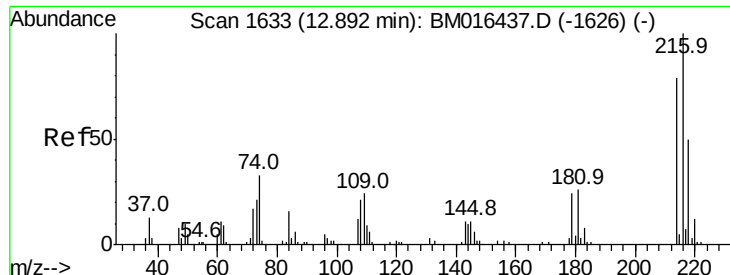
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion:164 Resp: 38665
Ion Ratio Lower Upper
164 100
162 107.3 82.4 123.6
160 48.6 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

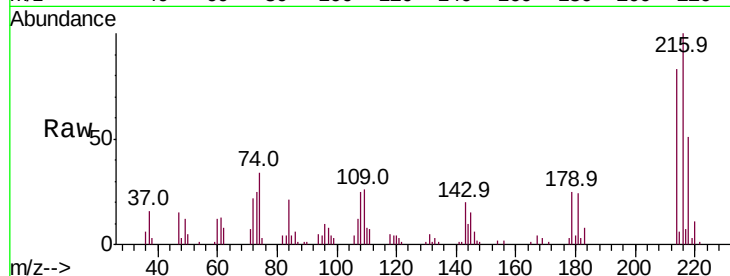




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.196 ng
 RT: 12.89 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

Tot Ion:	216	Resp:	65208
Ion	Ratio	Lower	Upper
216	100		
214	76.5	0.0	0.0#
179	24.6	0.0	0.0#
108	24.6	0.0	0.0#



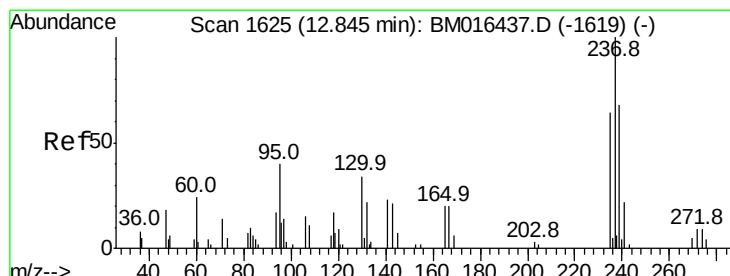
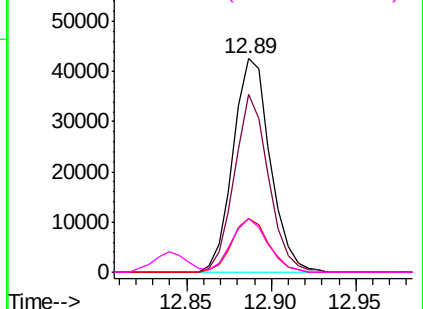
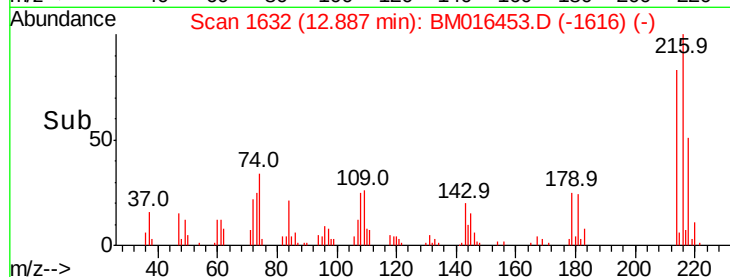
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

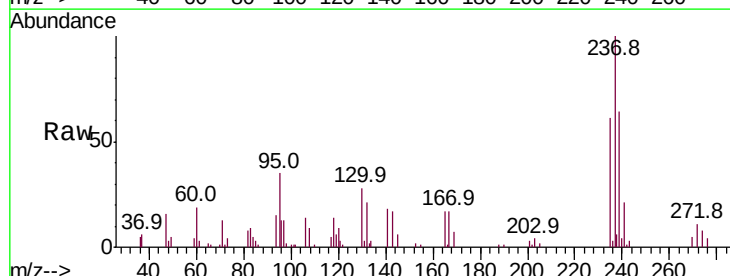
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 78.475 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion:	237	Resp:	54205
Ion	Ratio	Lower	Upper
237	100		
235	60.6	42.0	82.0
272	11.0	0.0	33.4

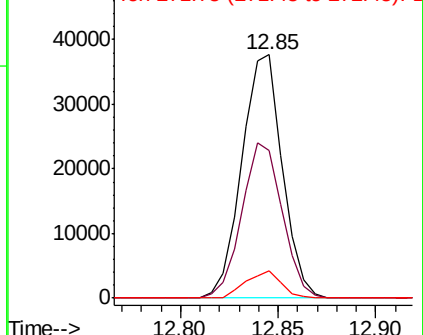
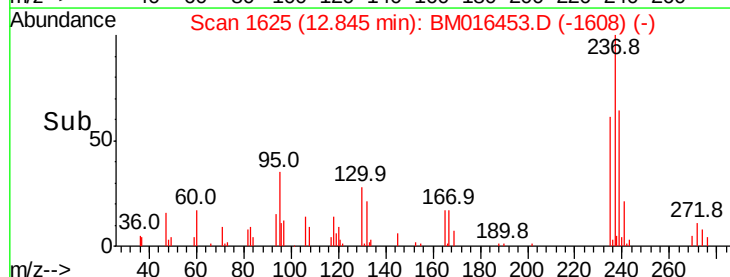


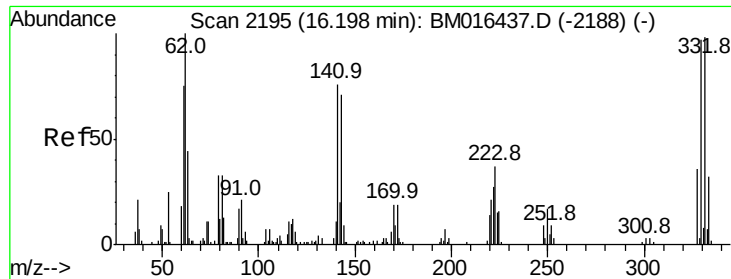
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

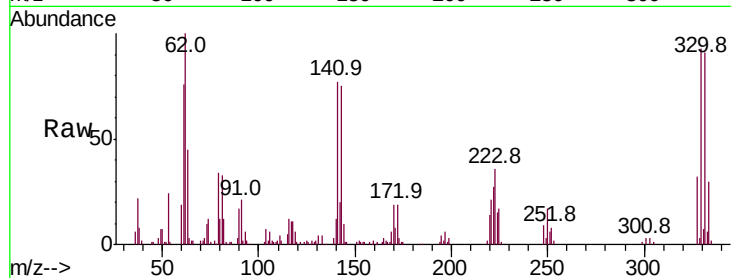




#41
 2,4,6-Tribromophenol
 Concen: 78.475 ng
 RT: 16.19 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	85.8	0.0	0.0#

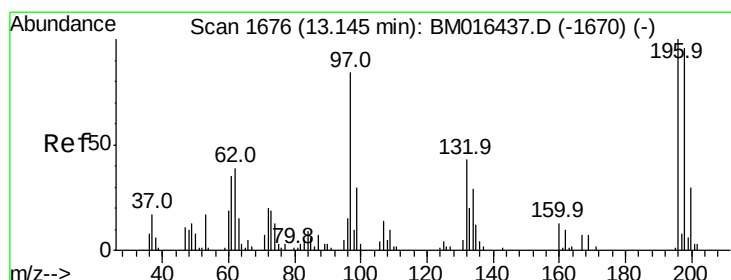
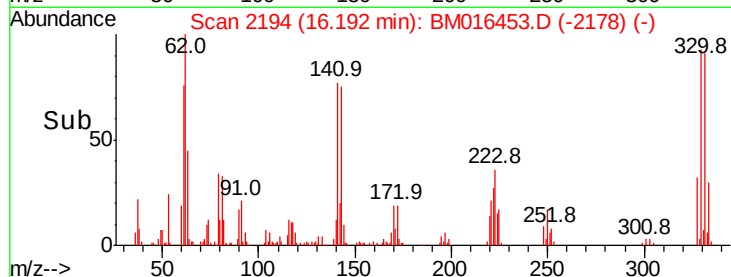
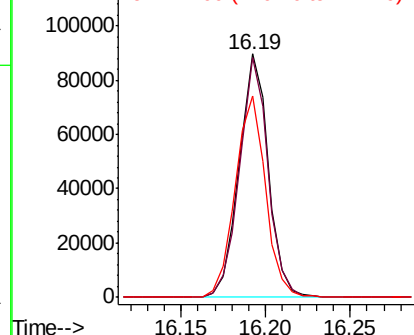


Abundance

Ion 329.80 (329.50 to 330.50): E

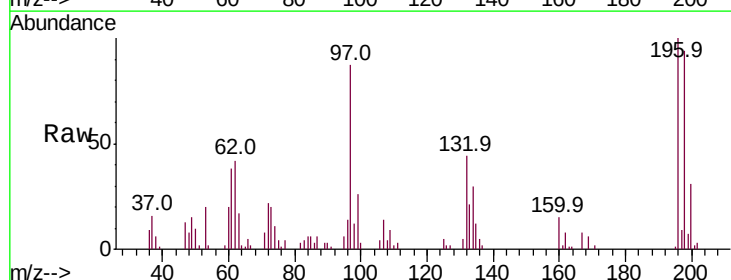
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.720 ng
 RT: 13.14 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	76.3	114.5
200	30.6	25.6	38.4

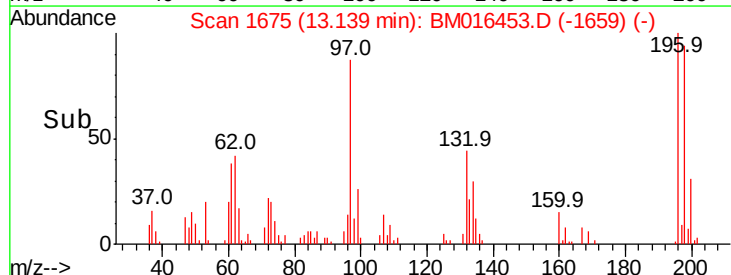
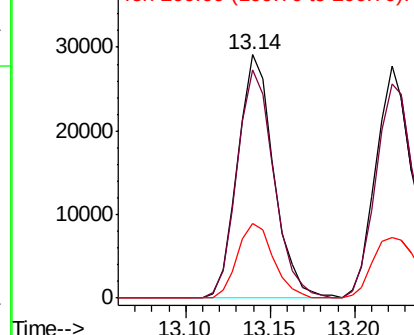


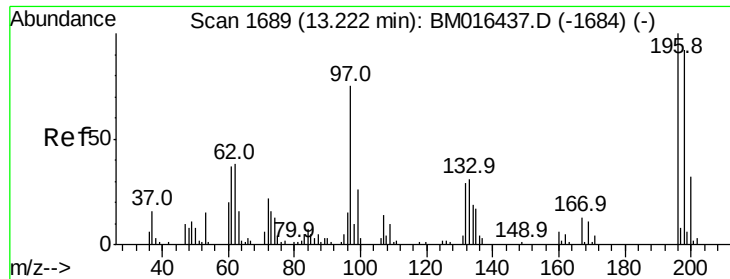
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

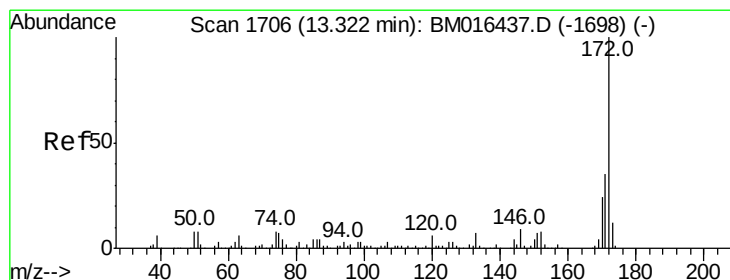
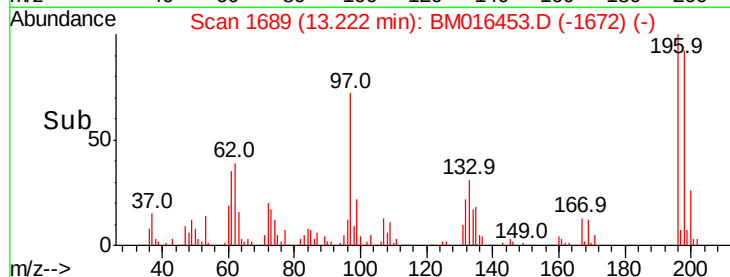
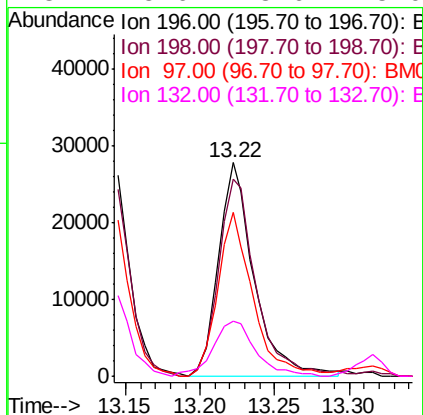
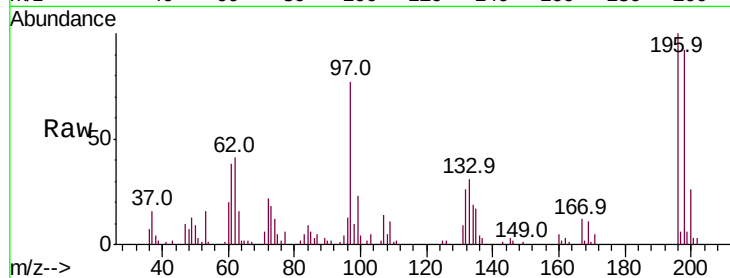




#43
 2,4,5-Trichlorophenol
 Concen: 48.074 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

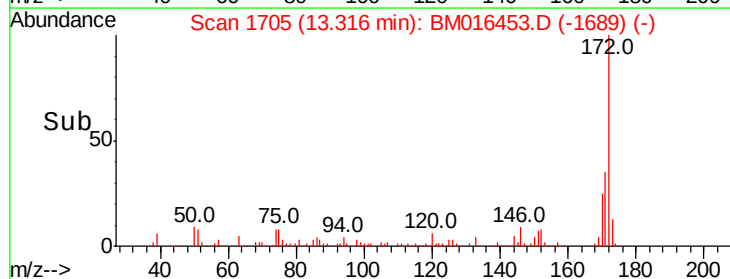
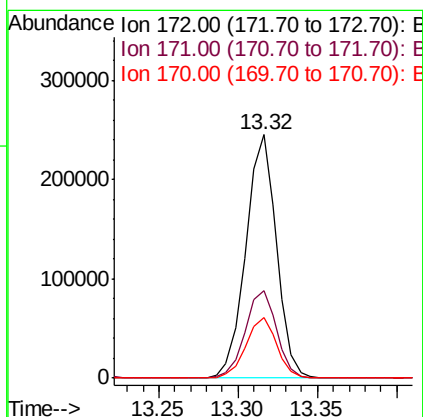
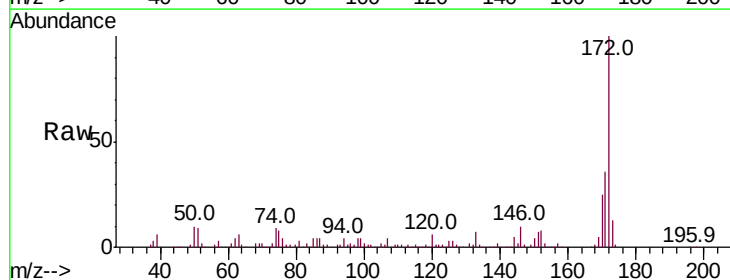
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

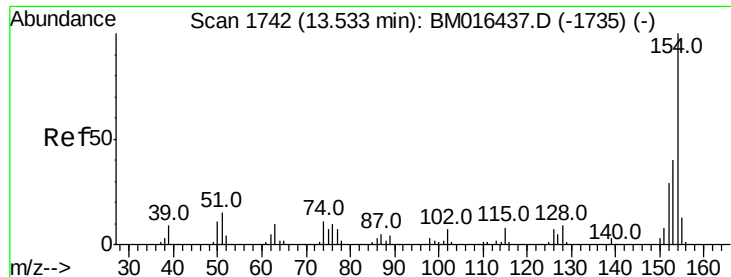
Tot Ion:196 Resp: 46400
 Ion Ratio Lower Upper
 196 100
 198 92.4 79.4 119.0
 97 76.8 26.8 40.2#
 132 25.6 18.6 28.0



#44
 2-Fluorobiphenyl
 Concen: 48.074 ng
 RT: 13.32 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion:172 Resp: 328512
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.7 18.8 28.2

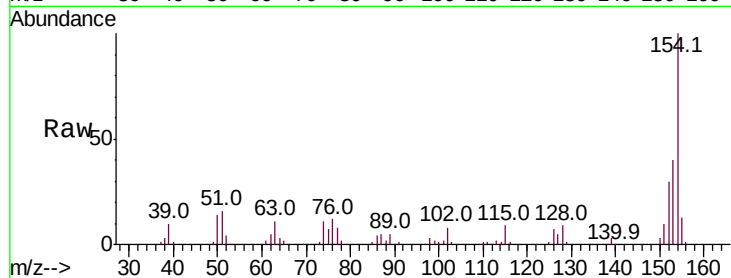




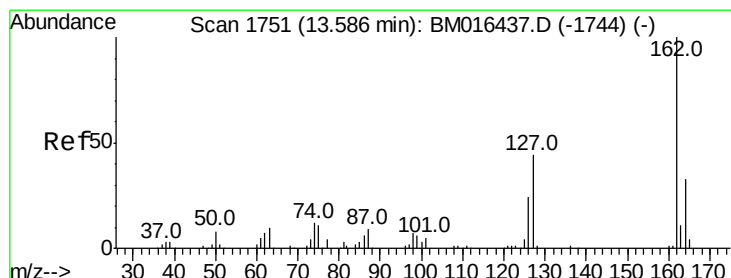
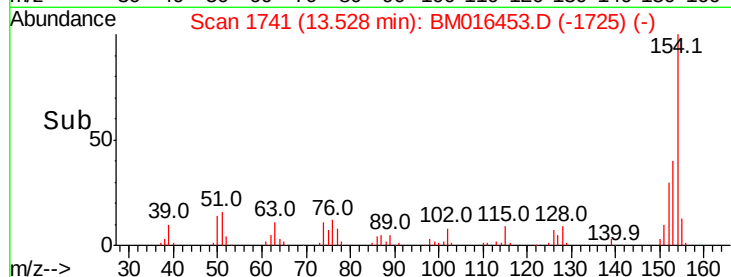
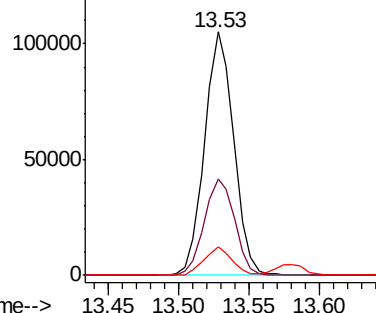
#45
 1,1'-Biphenyl
 Concen: 42.231 ng
 RT: 13.53 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

Tot Ion:	154	Resp:	151134
Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.7	60.7
76	11.7	0.0	30.9

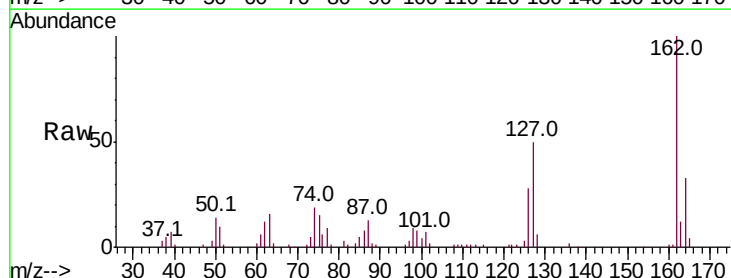


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

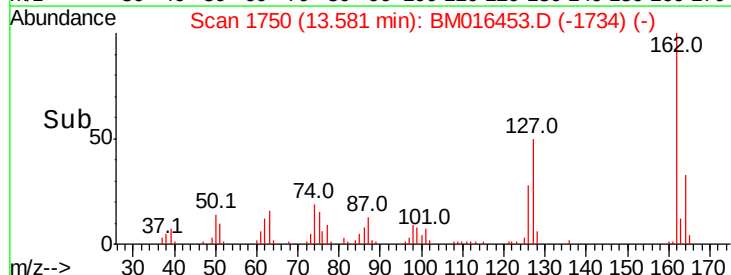
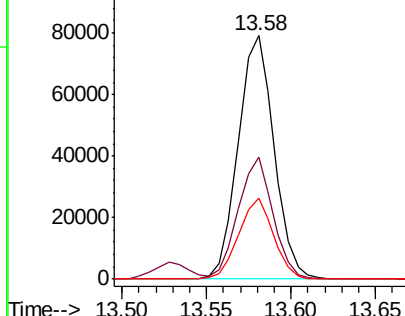


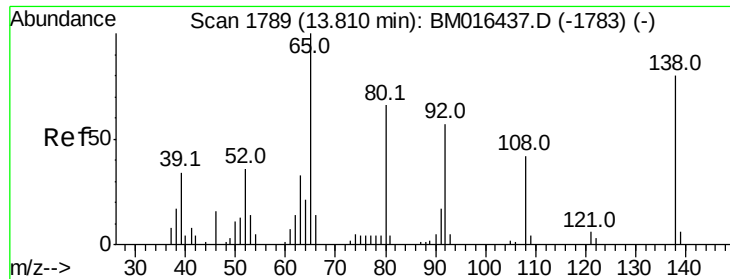
#46
 2-Chloronaphthalene
 Concen: 41.839 ng
 RT: 13.58 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion:	162	Resp:	116812
Ion	Ratio	Lower	Upper
162	100		
127	49.9	26.9	40.3#
164	33.1	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

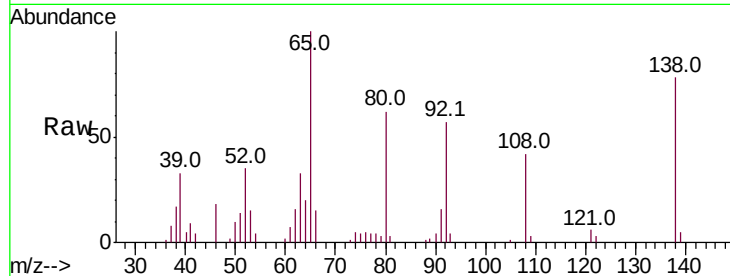




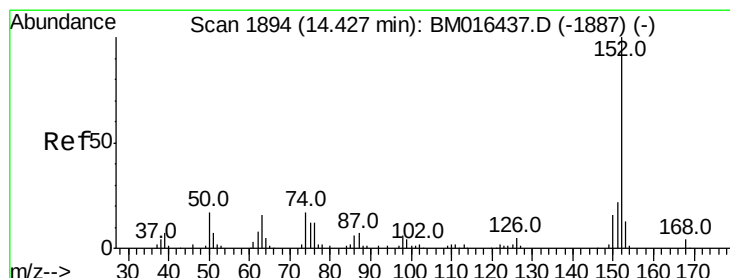
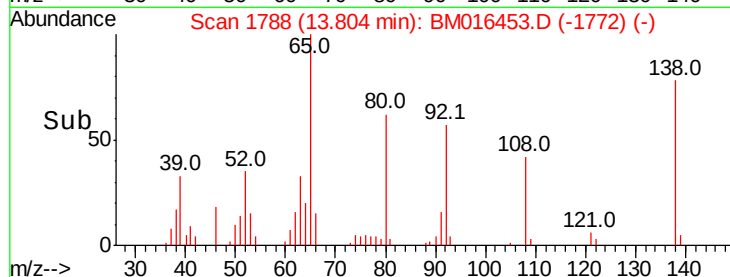
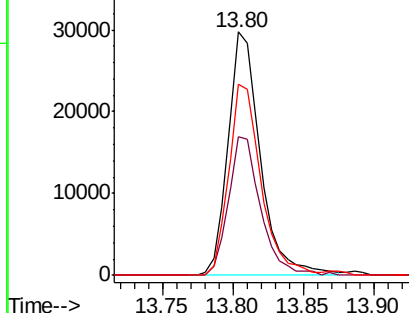
#47
 2-Nitroaniline
 Concen: 49.032 ng
 RT: 13.80 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

Tot Ion: 65 Resp: 47472
 Ion Ratio Lower Upper
 65 100
 92 56.9 59.1 88.7#
 138 78.4 93.9 140.9#

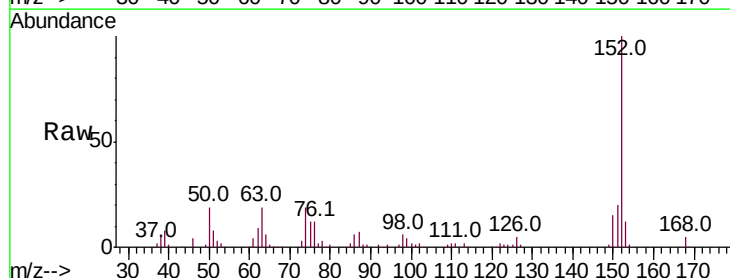


Abundance Ion 65.00 (64.70 to 65.70): BM016437.D (-1783) (-)
 Ion 92.00 (91.70 to 92.70): BM016437.D (-1783) (-)
 Ion 138.00 (137.70 to 138.70): BM016437.D (-1783) (-)

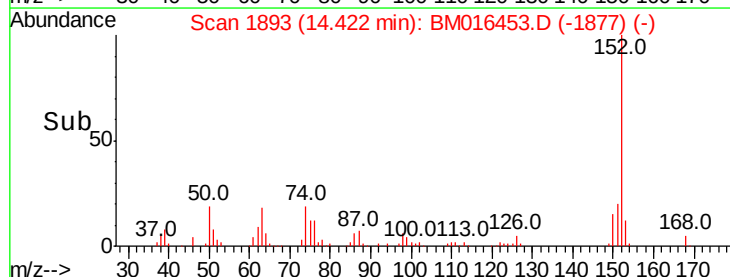
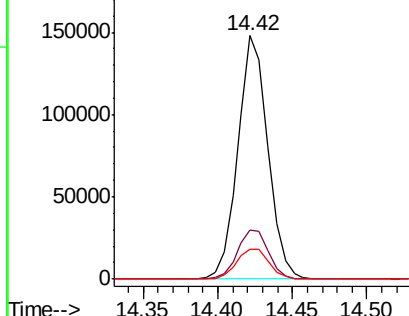


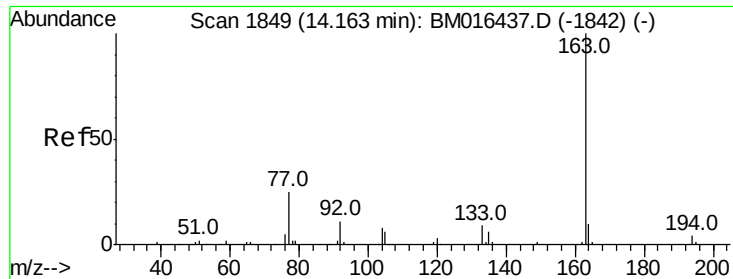
#48
 Acenaphthylene
 Concen: 49.009 ng
 RT: 14.42 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion:152 Resp: 205743
 Ion Ratio Lower Upper
 152 100
 151 20.3 15.9 23.9
 153 12.4 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): BM016437.D (-1887) (-)
 Ion 151.00 (150.70 to 151.70): BM016437.D (-1887) (-)
 Ion 153.00 (152.70 to 153.70): BM016437.D (-1887) (-)





#49

Dimethylphthalate

Concen: 49.381 ng

RT: 14.16 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampleId :

RT2286MS

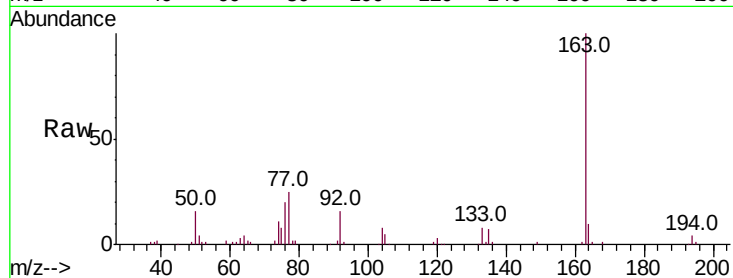
Tot Ion:163 Resp: 187240

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

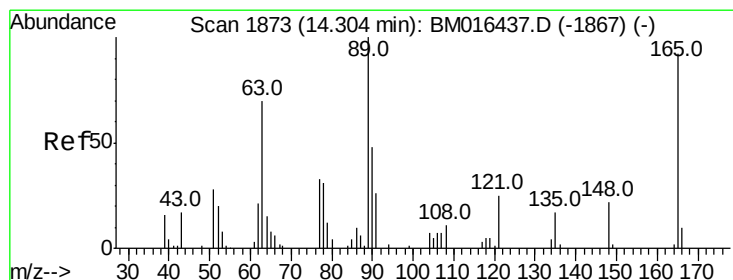
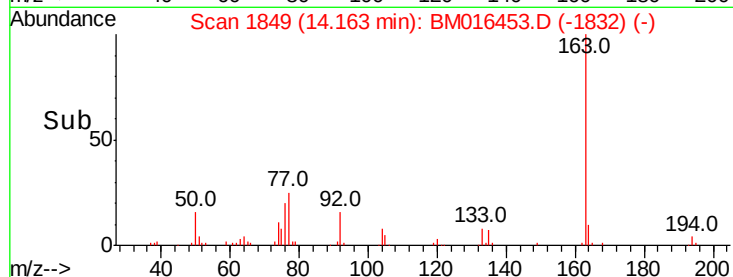
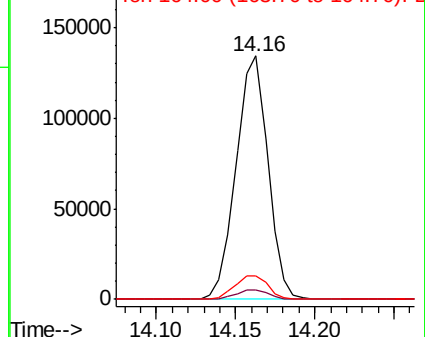
164 9.6 8.2 12.2



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: 51.511 ng

RT: 14.30 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

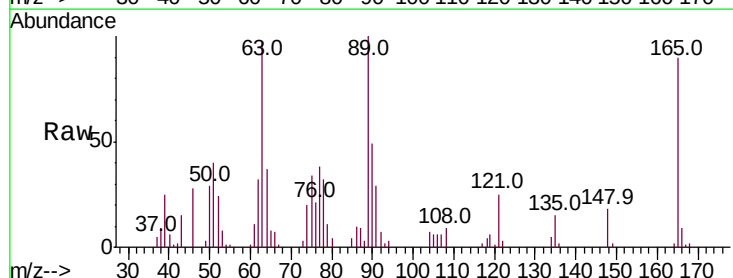
Tgt Ion:165 Resp: 37071

Ion Ratio Lower Upper

165 100

63 107.1 44.1 66.1#

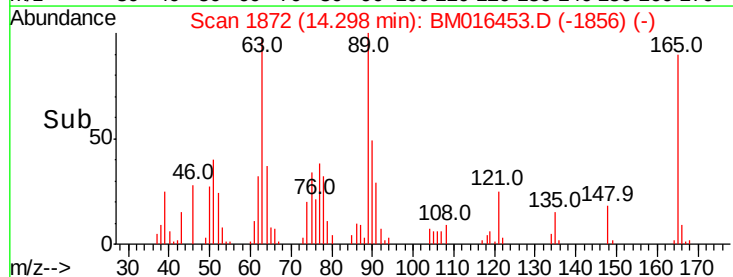
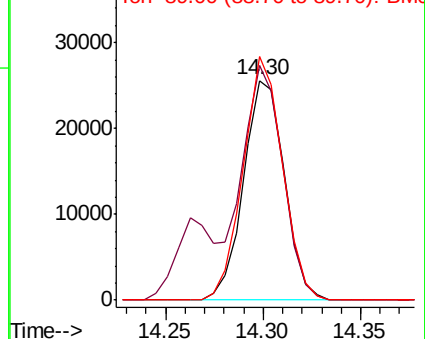
89 110.9 44.3 66.5#

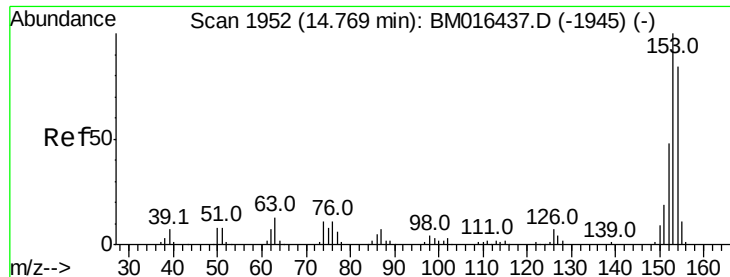


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 46.503 ng

RT: 14.76 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampleId :

RT2286MS

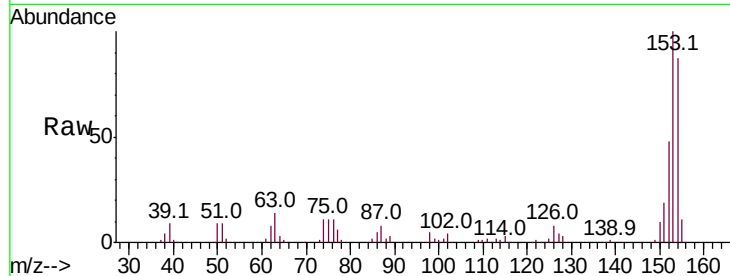
Tot Ion:154 Resp: 117815

Ion Ratio Lower Upper

154 100

153 115.3 90.0 135.0

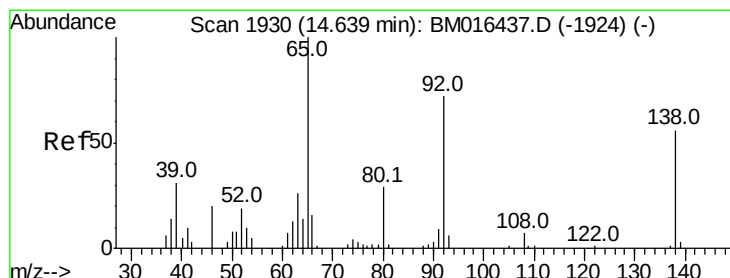
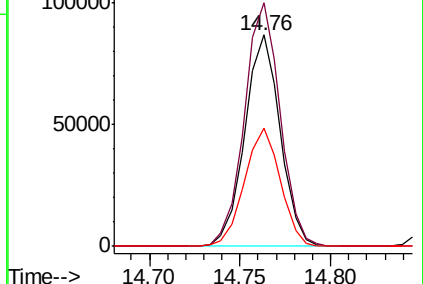
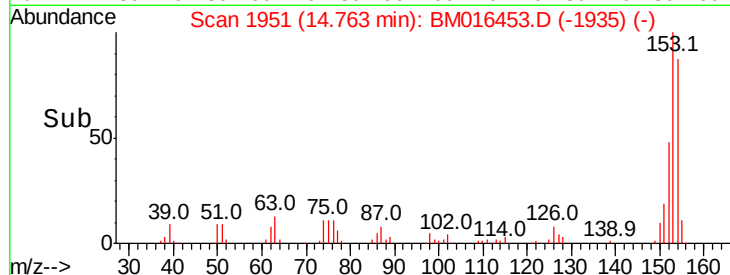
152 55.8 42.6 63.8



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: 26.562 ng

RT: 14.64 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

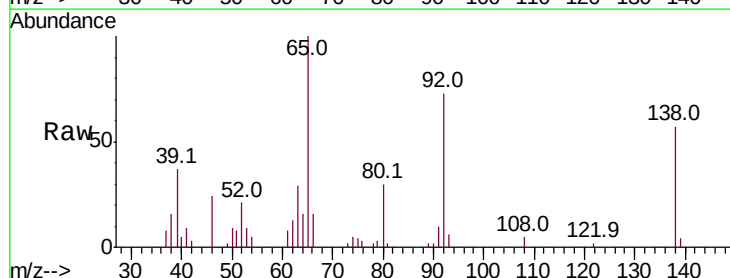
Tgt Ion:138 Resp: 18834

Ion Ratio Lower Upper

138 100

108 9.4 7.3 10.9

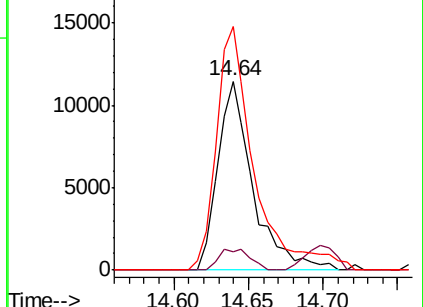
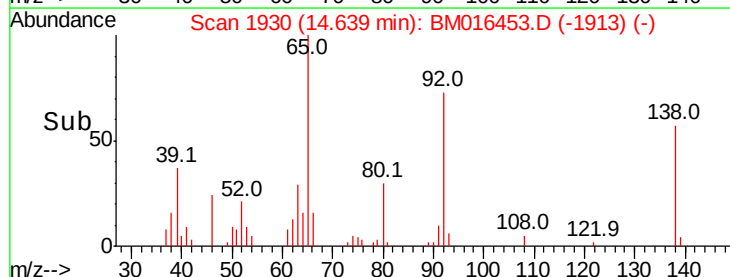
92 129.1 76.6 114.8#

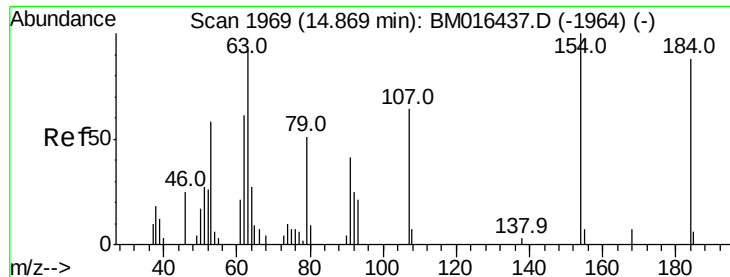


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

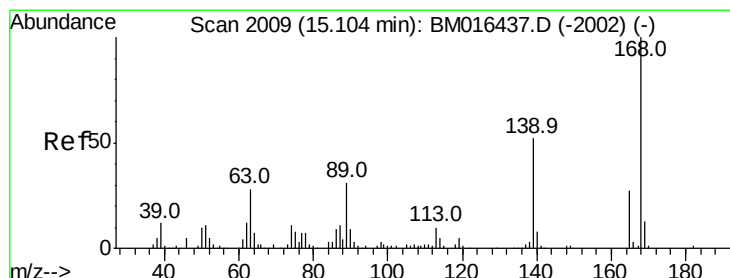
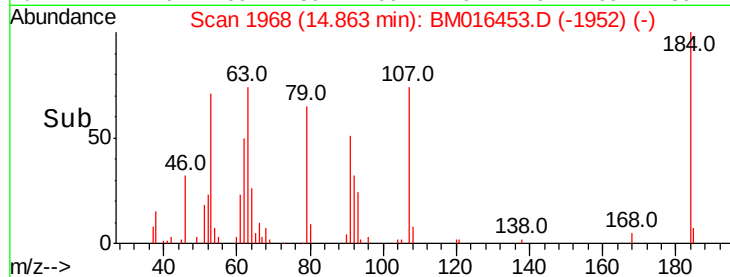
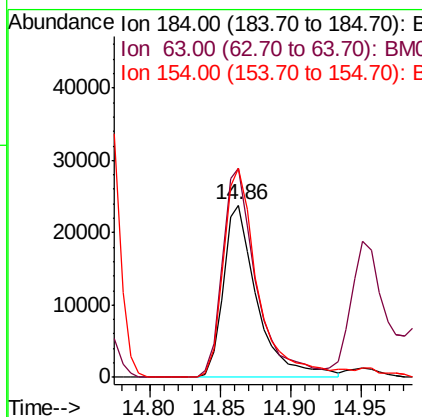
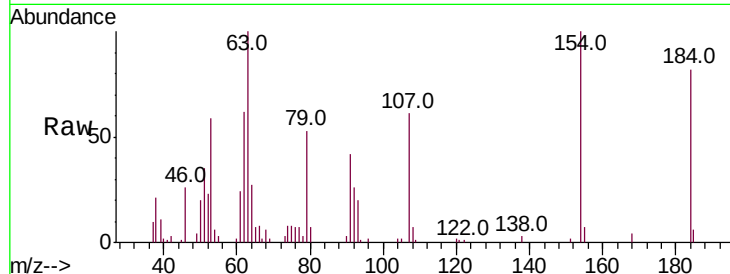




#53
 2,4-Dinitrophenol
 Concen: 102.631 ng
 RT: 14.86 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

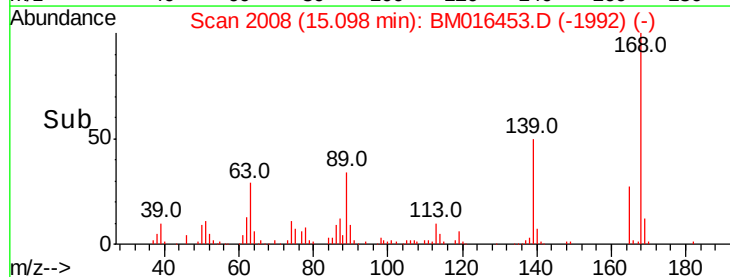
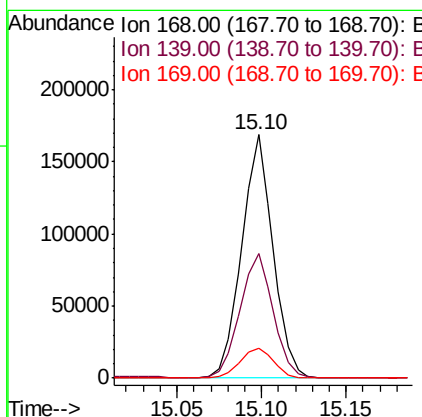
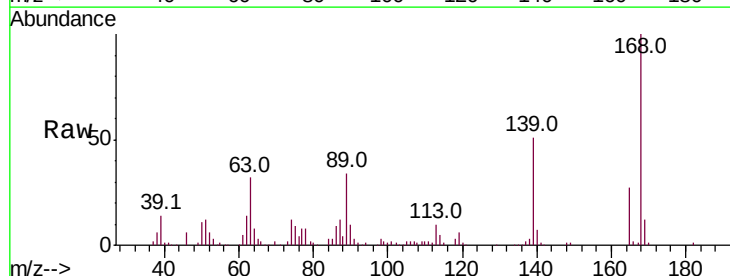
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

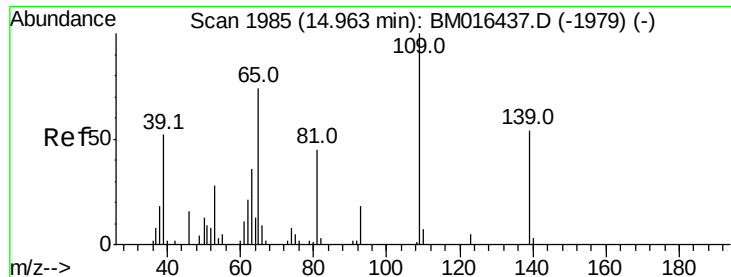
Tot Ion:184 Resp: 39669
 Ion Ratio Lower Upper
 184 100
 63 121.3 69.2 103.8#
 154 121.1 53.3 79.9#



#54
 Dibenzofuran
 Concen: 48.663 ng
 RT: 15.10 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion:168 Resp: 217234
 Ion Ratio Lower Upper
 168 100
 139 51.2 27.3 40.9#
 169 12.2 10.6 16.0





#55

4-Nitrophenol

Concen: 98.821 ng

RT: 14.95 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampleId :

RT2286MS

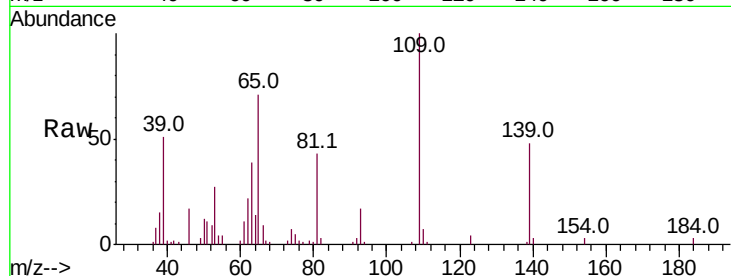
Tot Ion:139 Resp: 45769

Ion Ratio Lower Upper

139 100

109 208.5 130.0 170.0#

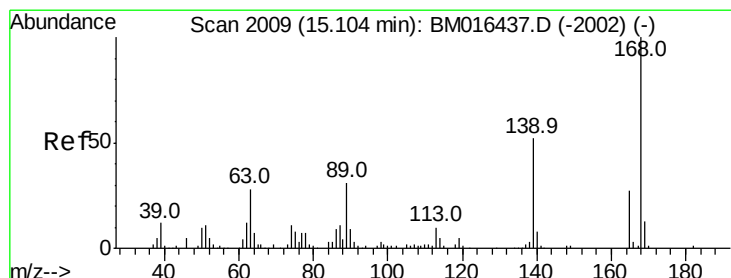
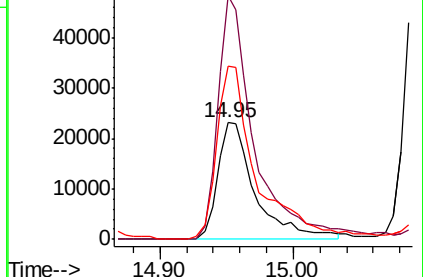
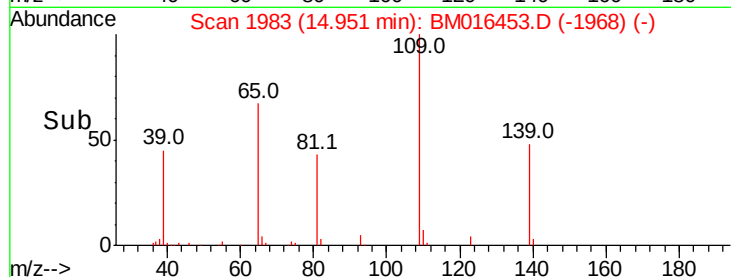
65 148.7 130.0 170.0



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): BM



#56

2,4-Dinitrotoluene

Concen: 51.636 ng

RT: 15.10 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Tgt Ion:165 Resp: 62117

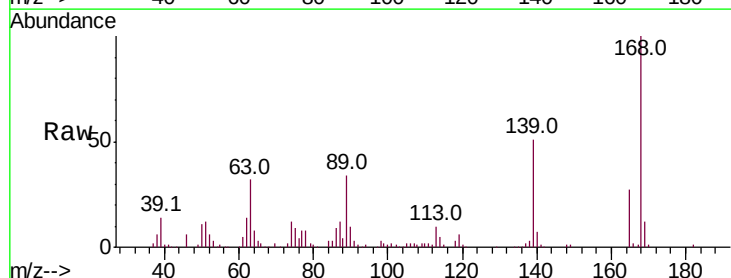
Ion Ratio Lower Upper

165 100

63 119.0 52.4 78.6#

89 125.9 72.4 108.6#

182 3.0 2.0 3.0#

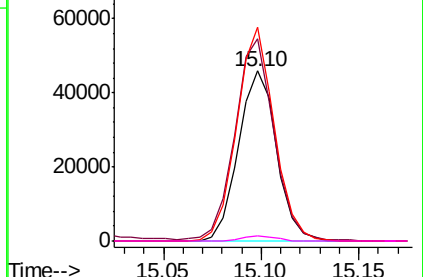
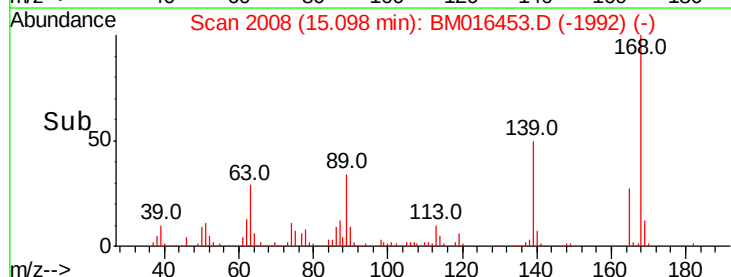


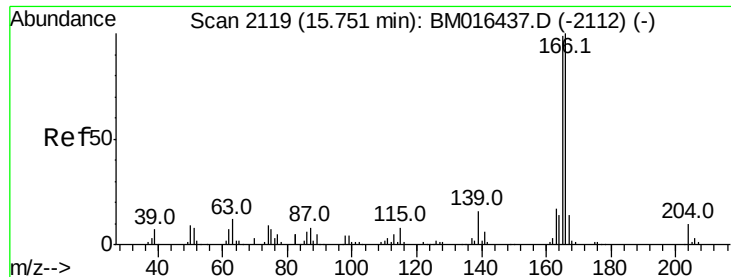
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E

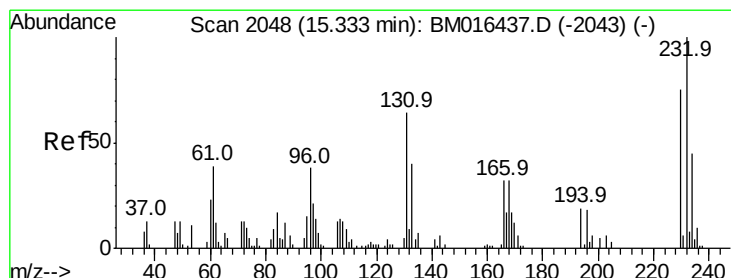
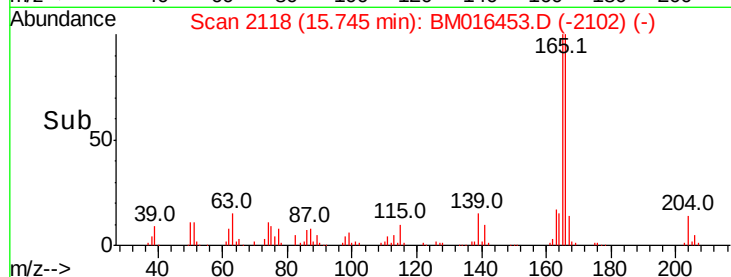
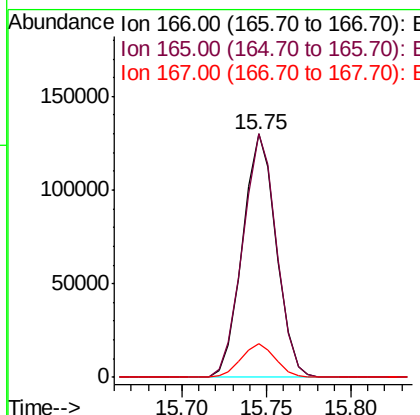
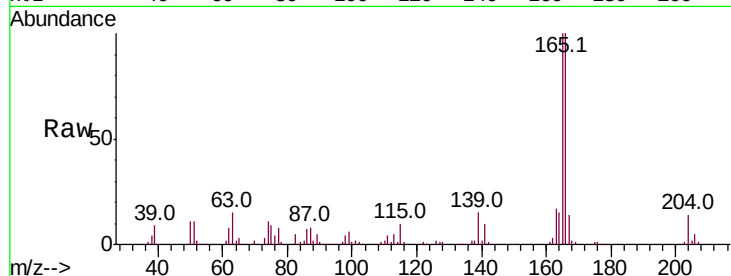




#57
 Fluorene
 Concen: 52.843 ng
 RT: 15.75 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

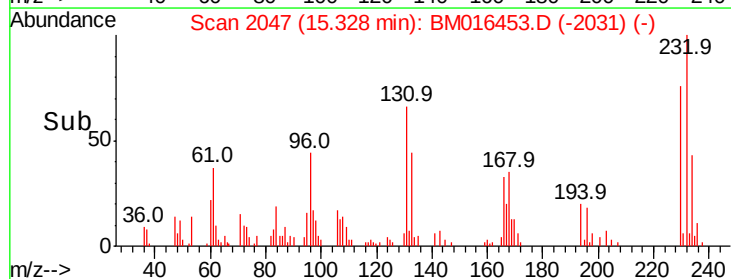
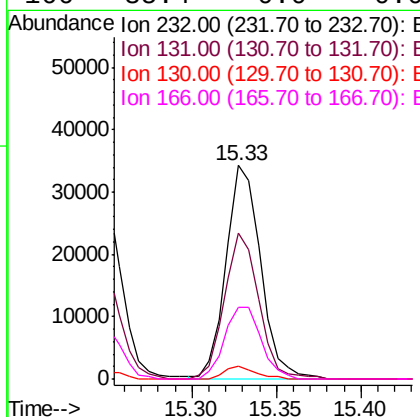
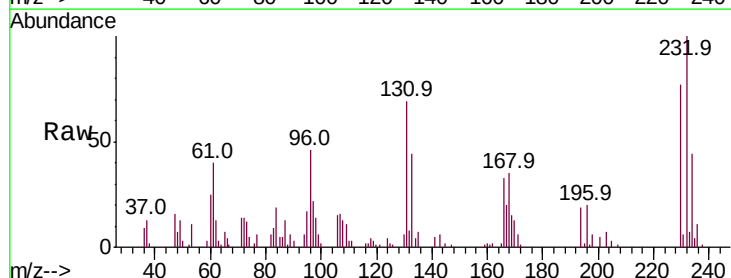
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

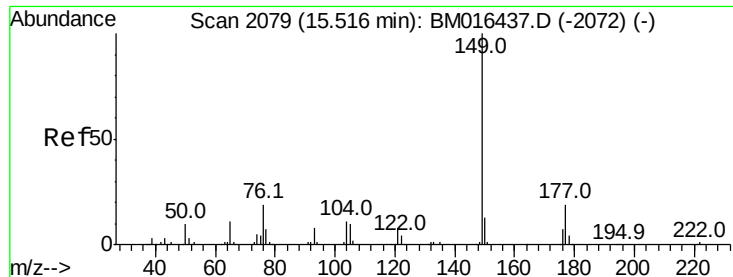
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.0	118.4
167	13.8	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.180 ng
 RT: 15.33 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	67.9	0.0	0.0#
130	5.3	0.0	0.0#
166	35.4	0.0	0.0#

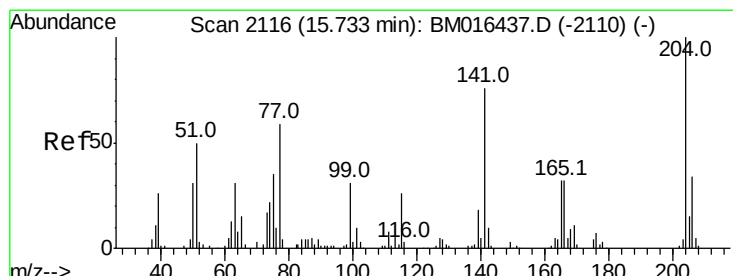
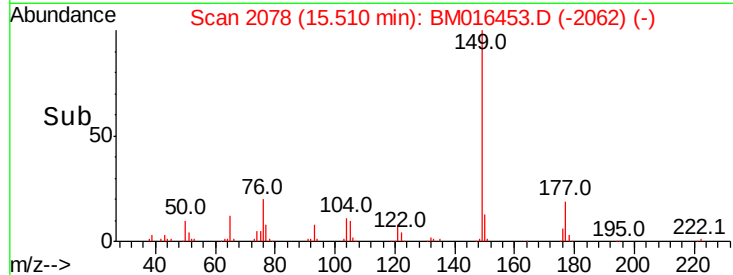
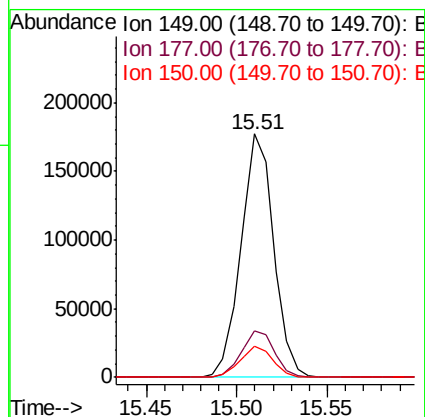
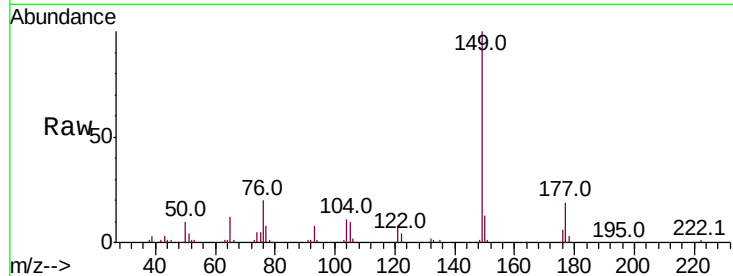




#59
Diethylphthalate
Concen: 51.453 ng
RT: 15.51 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

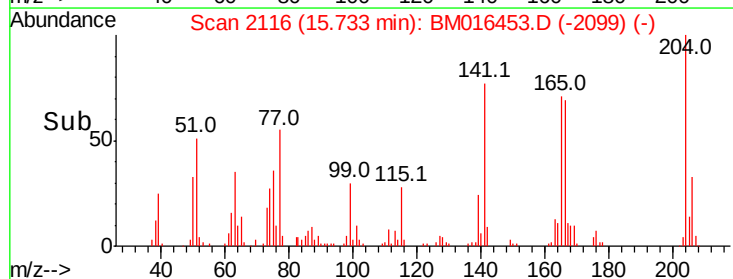
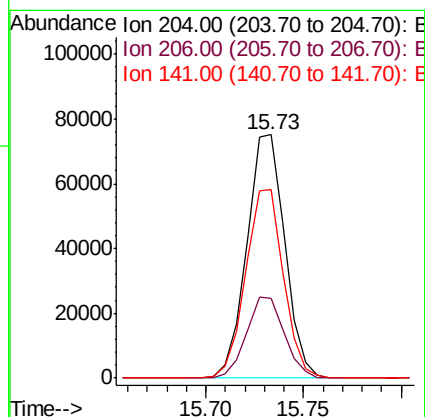
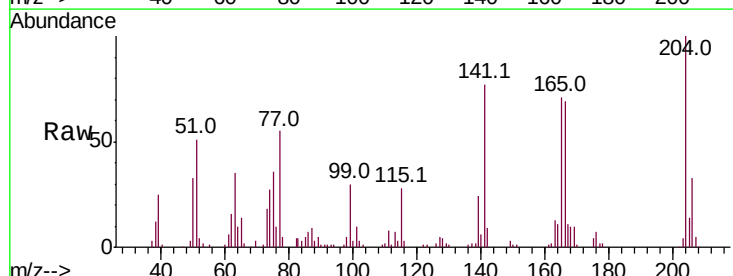
Instrument :
BNA_M
ClientSampleId :
RT2286MS

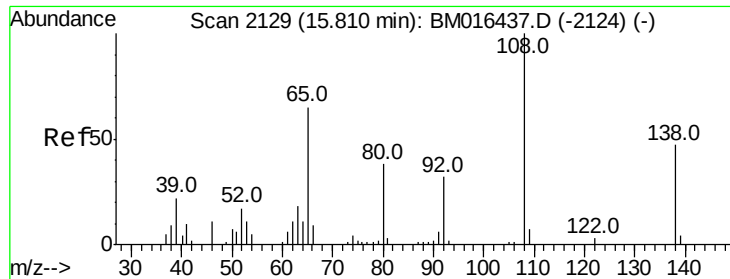
Tot Ion:149 Resp: 221380
Ion Ratio Lower Upper
149 100
177 19.0 18.3 27.5
150 12.8 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 46.949 ng
RT: 15.73 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion:204 Resp: 101299
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 77.2 45.2 67.8#

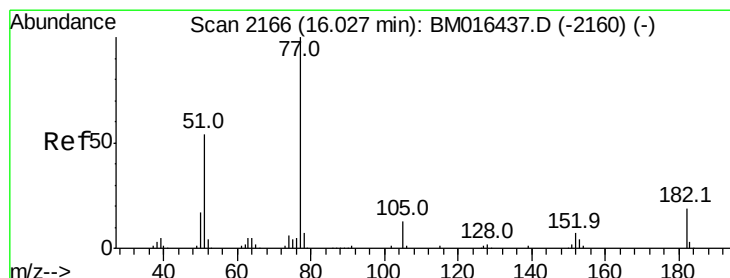
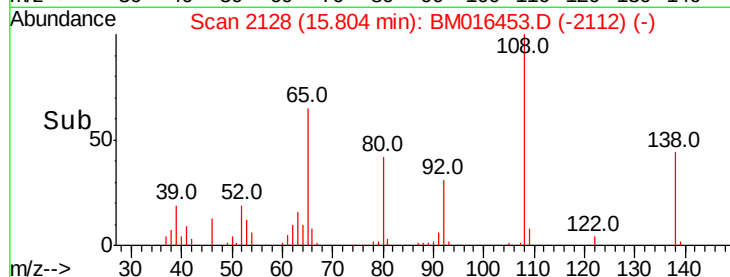
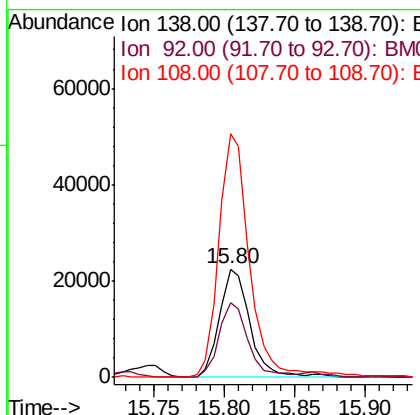
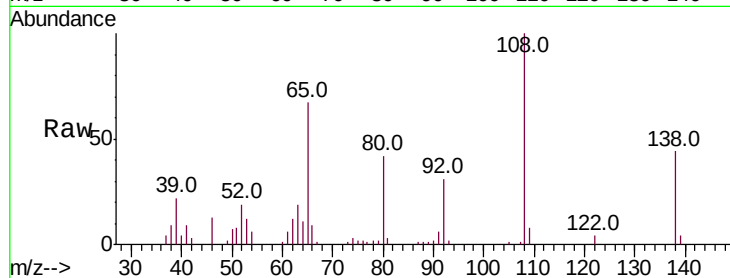




#61
4-Nitroaniline
Concen: 49.712 ng
RT: 15.80 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

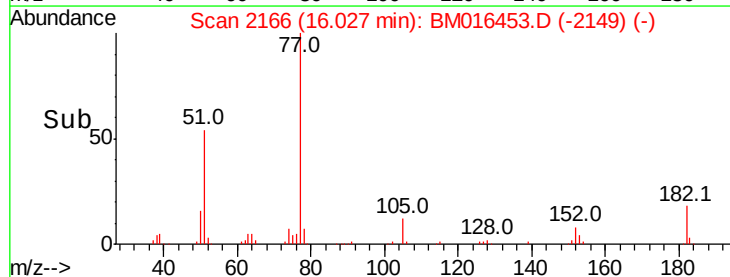
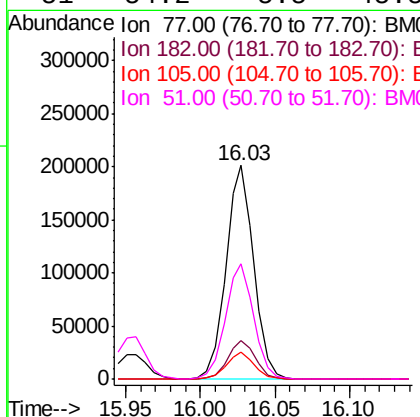
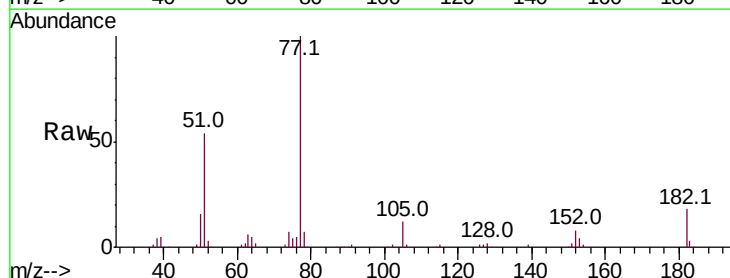
Instrument :
BNA_M
ClientSampleId :
RT2286MS

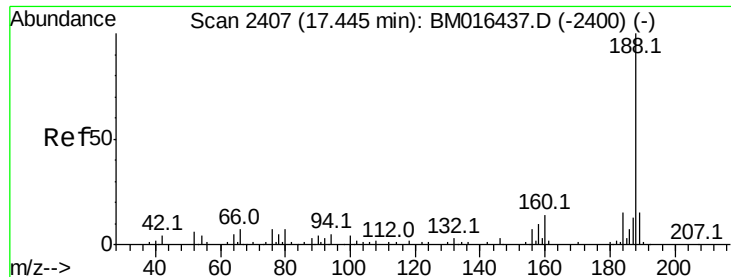
Tot Ion:138 Resp: 34081
Ion Ratio Lower Upper
138 100
92 68.9 16.7 56.7#
108 224.8 37.6 77.6#



#62
Azobenzene
Concen: 52.681 ng
RT: 16.03 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion: 77 Resp: 261394
Ion Ratio Lower Upper
77 100
182 18.2 6.5 46.5
105 12.4 3.8 43.8
51 54.2 5.5 45.5#

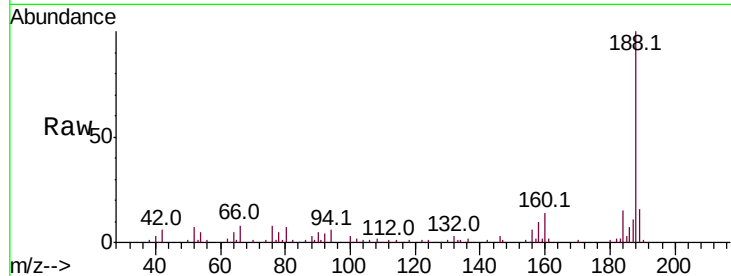




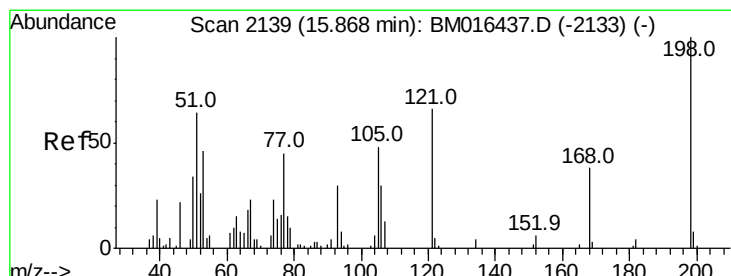
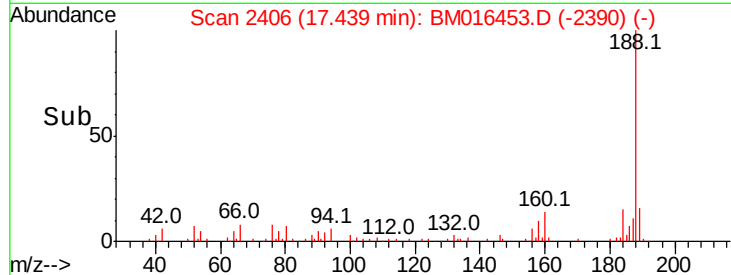
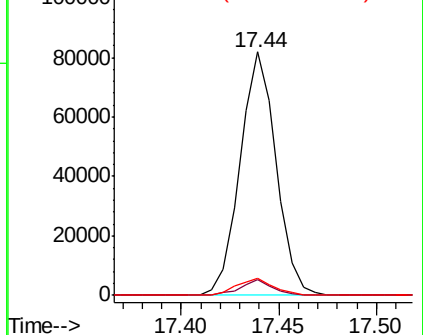
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Instrument :
 BNA_M
 ClientSampleID :
 RT2286MS

Tot Ion:188 Resp: 104191
 Ion Ratio Lower Upper
 188 100
 94 6.3 8.7 13.1#
 80 6.8 9.3 13.9#

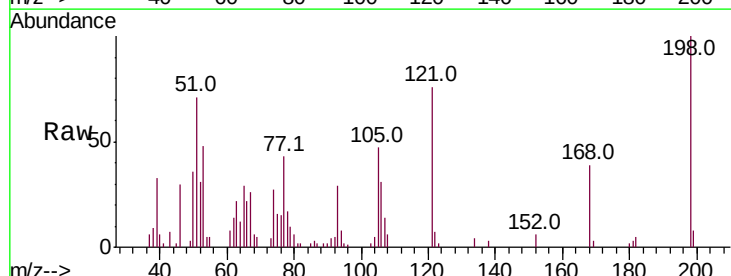


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

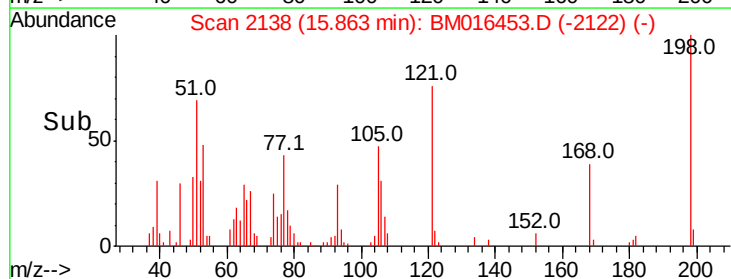
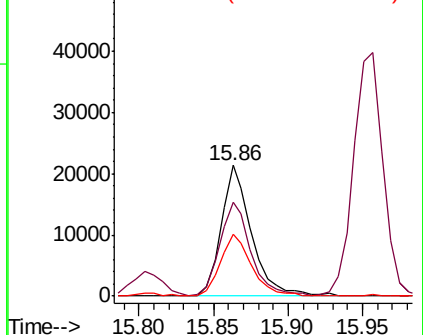


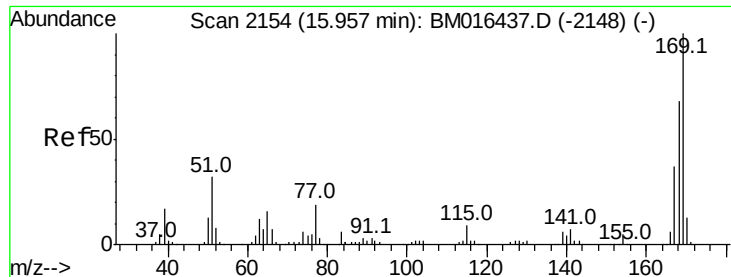
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.777 ng
 RT: 15.86 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion:198 Resp: 30354
 Ion Ratio Lower Upper
 198 100
 51 71.4 28.8 68.8#
 105 47.2 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

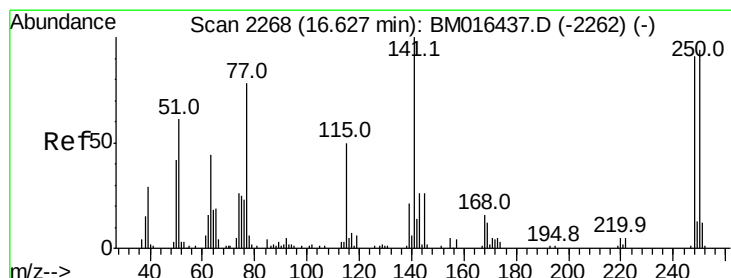
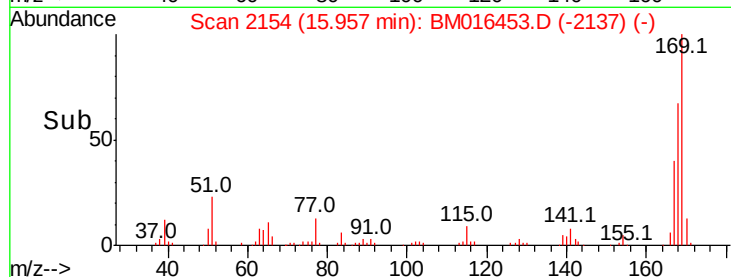
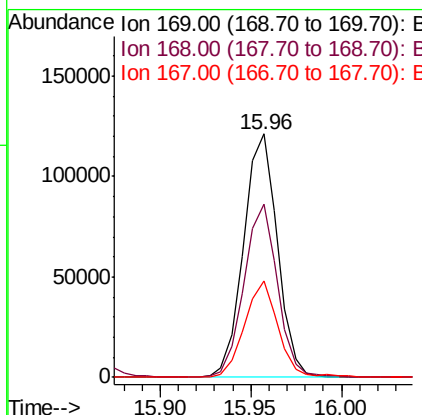
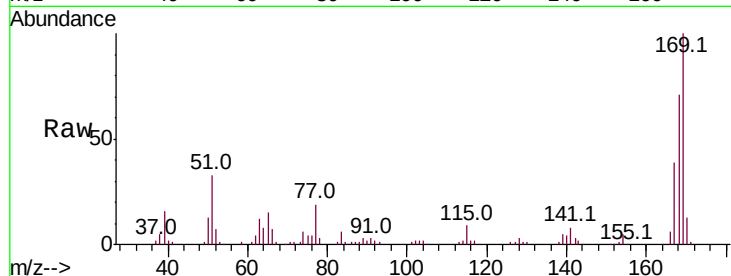




#65
 n-Nitrosodiphenylamine
 Concen: 44.649 ng
 RT: 15.96 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

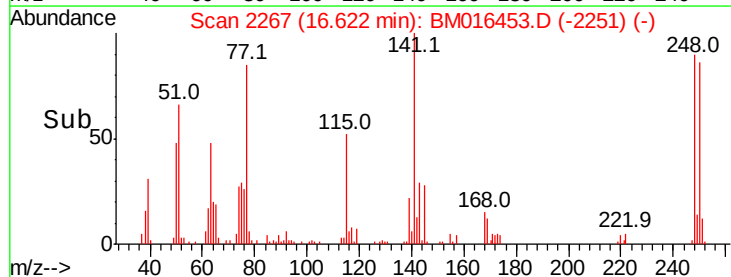
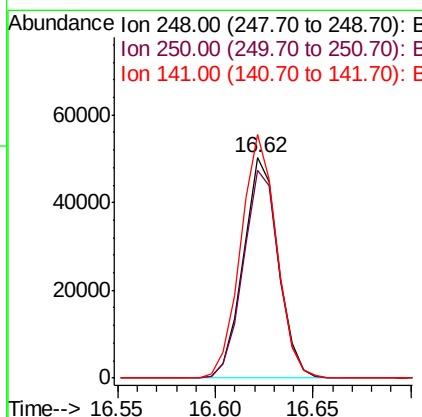
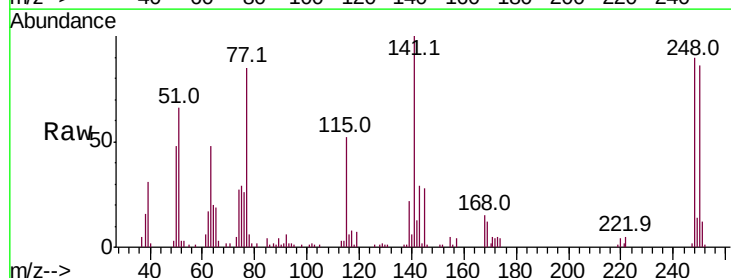
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

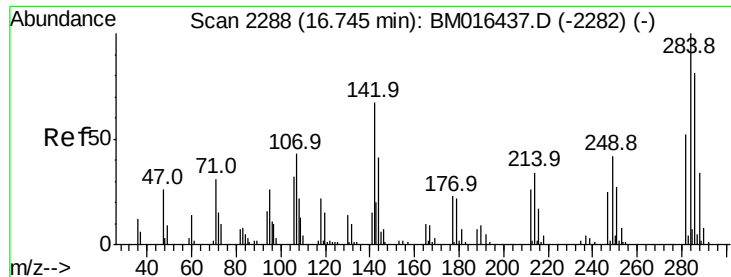
Tot Ion:169 Resp: 157418
 Ion Ratio Lower Upper
 169 100
 168 71.2 53.9 80.9
 167 39.5 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.567 ng
 RT: 16.62 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion:248 Resp: 62455
 Ion Ratio Lower Upper
 248 100
 250 94.7 77.4 116.0
 141 110.6 45.2 67.8#

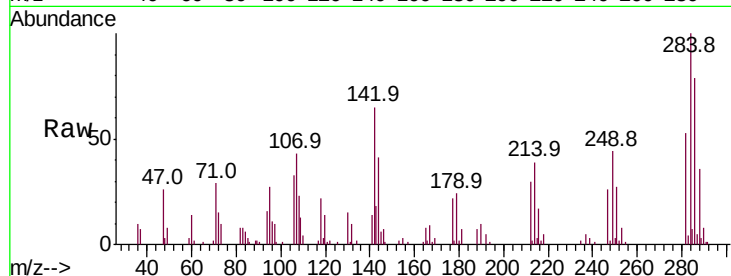




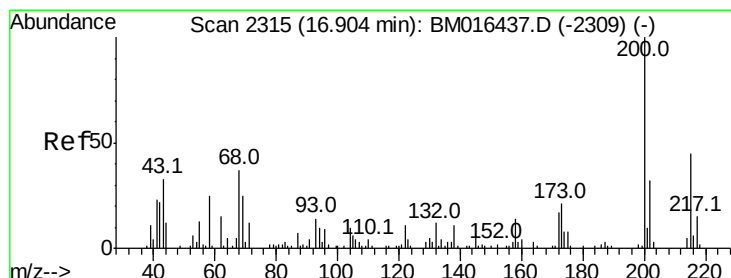
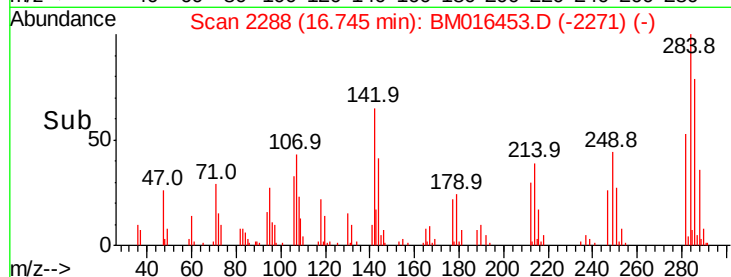
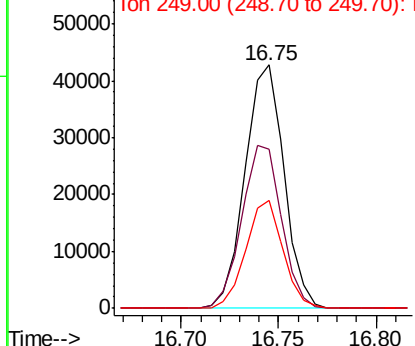
#67
Hexachlorobenzene
Concen: 43.110 ng
RT: 16.75 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Instrument :
BNA_M
ClientSampleId :
RT2286MS

Tot Ion:284 Resp: 59286
Ion Ratio Lower Upper
284 100
142 65.3 20.4 30.6#
249 44.2 23.8 35.6#

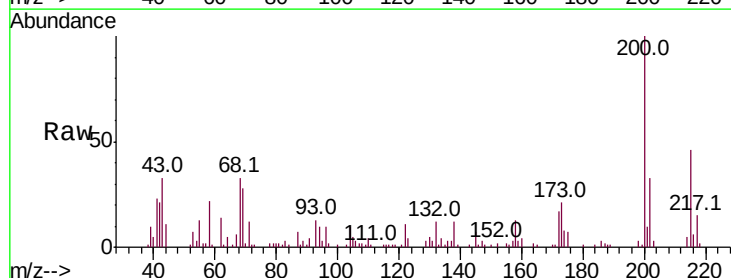


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

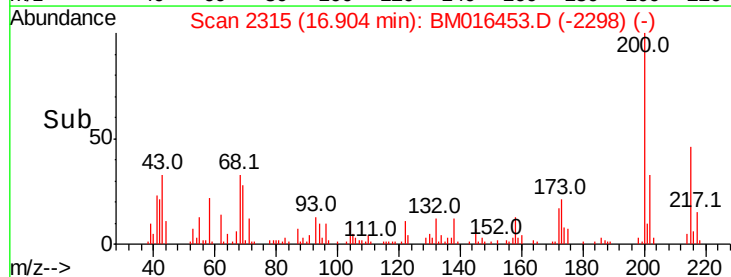
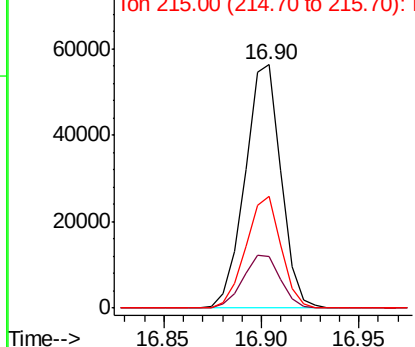


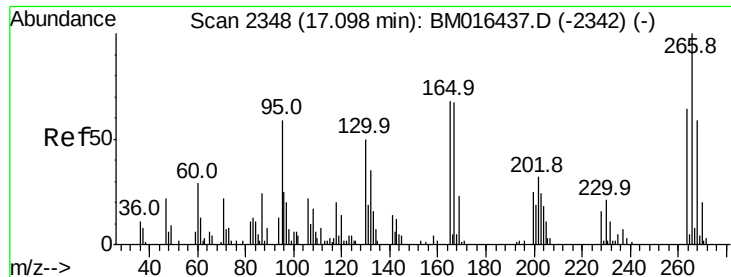
#68
Atrazine
Concen: 55.523 ng
RT: 16.90 min Scan# 2315
Delta R.T. 0.00 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion:200 Resp: 71762
Ion Ratio Lower Upper
200 100
173 21.0 4.8 44.8
215 46.1 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: 85.112 ng

RT: 17.09 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampleId :

RT2286MS

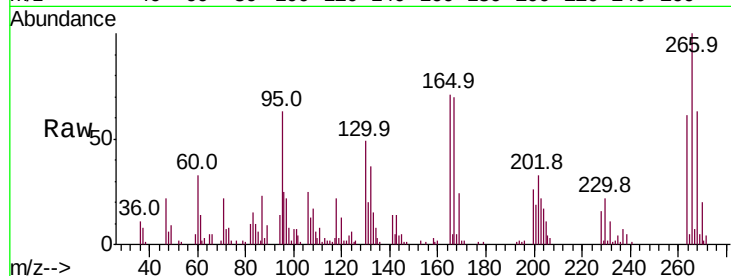
Tot Ion:266 Resp: 67019

Ion Ratio Lower Upper

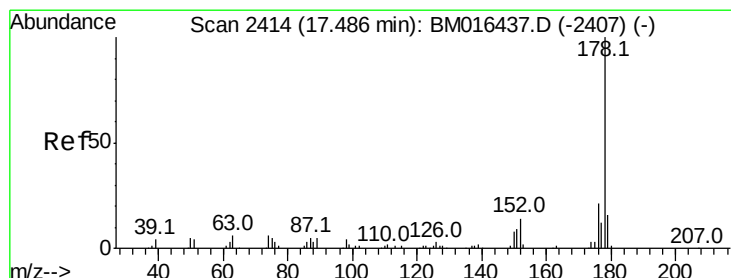
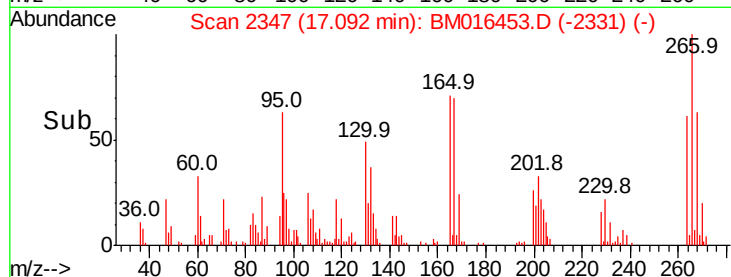
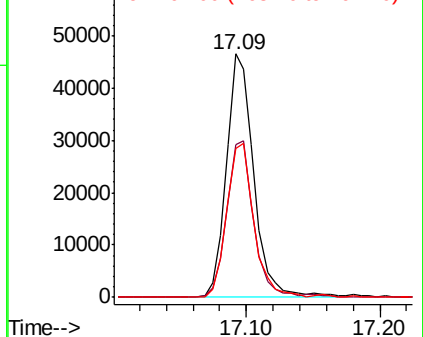
266 100

268 62.8 52.0 78.0

264 61.4 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: 50.993 ng

RT: 17.48 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

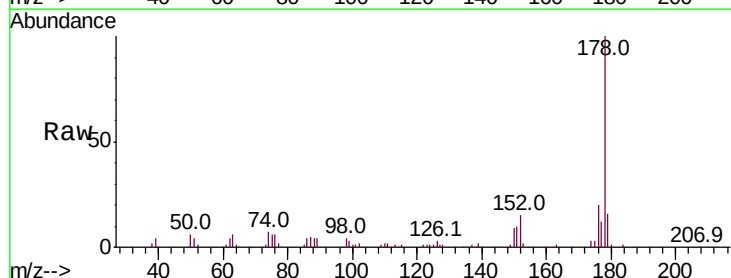
Tgt Ion:178 Resp: 301021

Ion Ratio Lower Upper

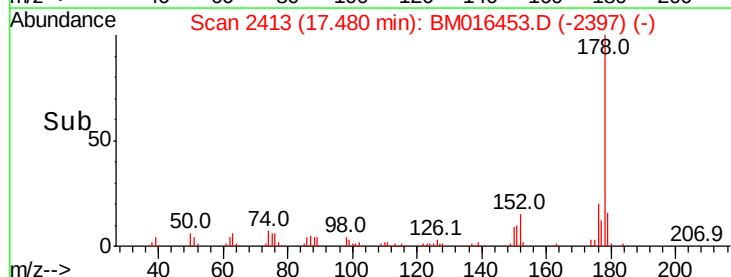
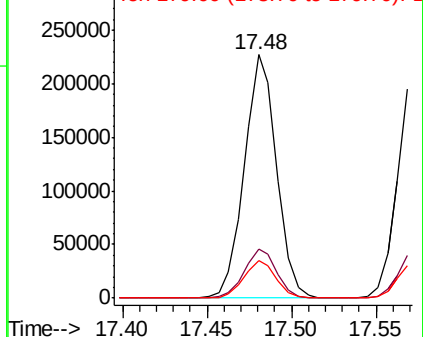
178 100

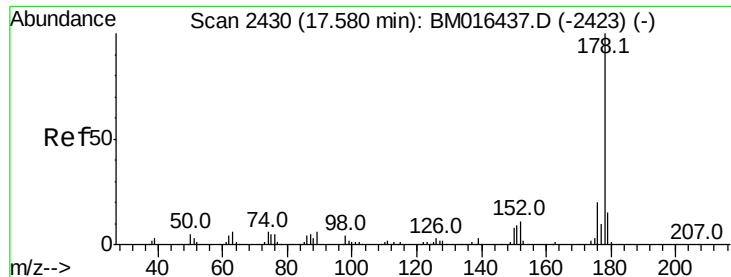
176 19.9 15.2 22.8

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

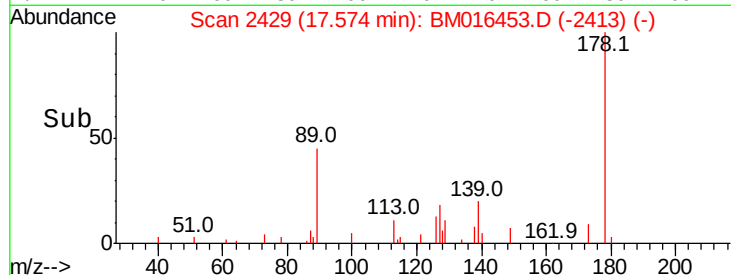
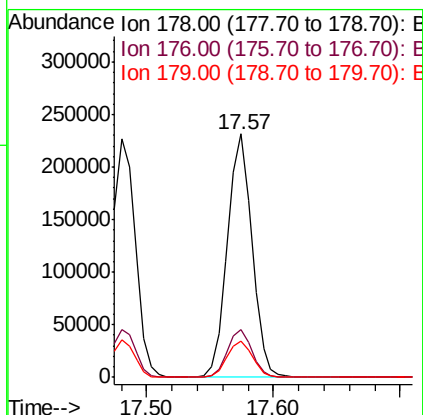
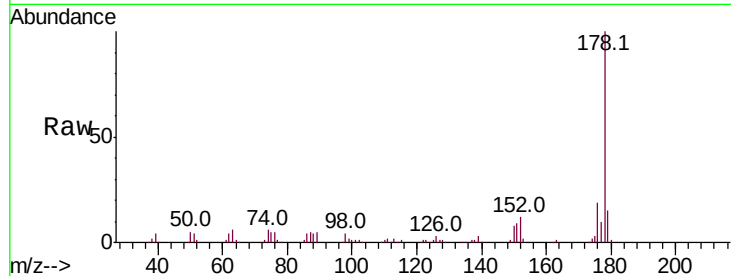




#71
 Anthracene
 Concen: 53.148 ng
 RT: 17.57 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

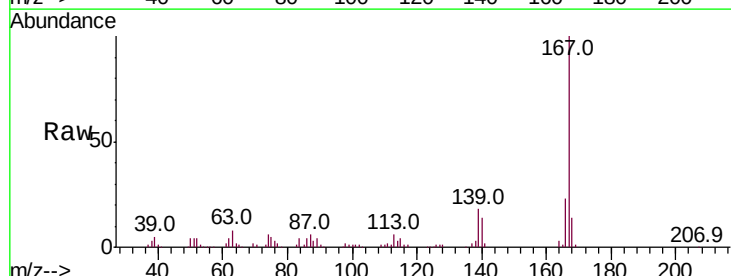
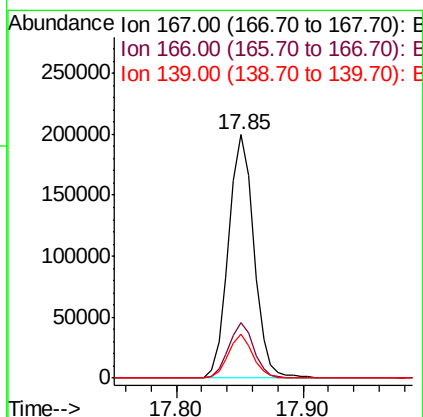
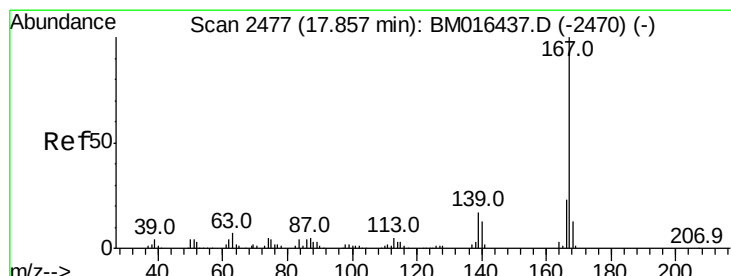
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

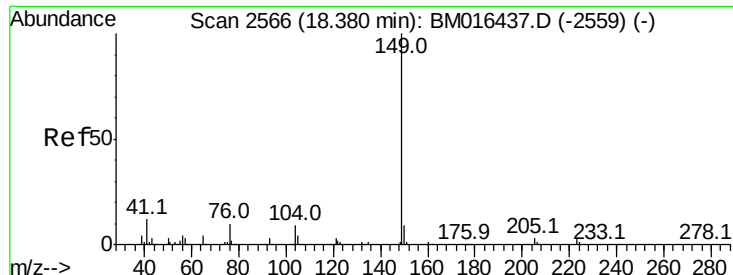
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	22.0
179	14.8	12.6	19.0



#72
 Carbazole
 Concen: 48.934 ng
 RT: 17.85 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.2	25.8
139	18.2	10.8	16.2

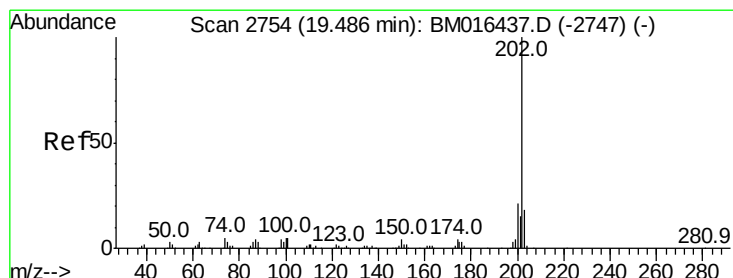
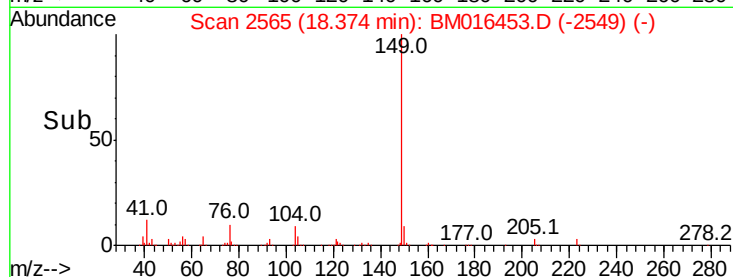
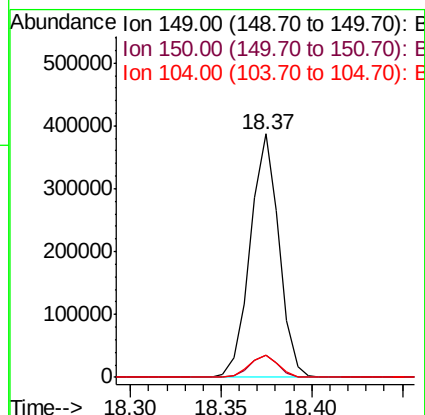
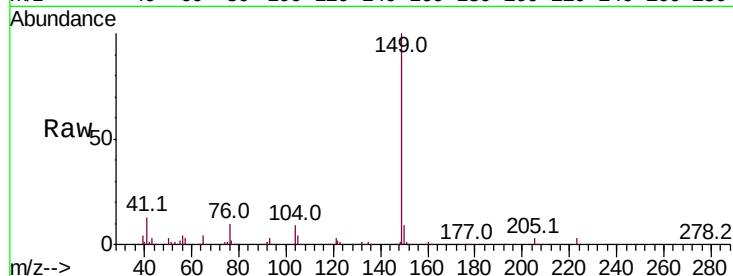




#73
Di-n-butylphthalate
Concen: 52.210 ng
RT: 18.37 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

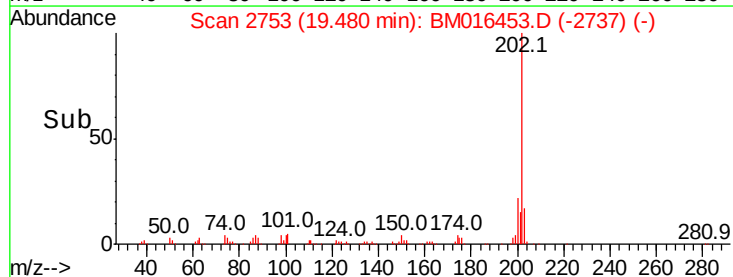
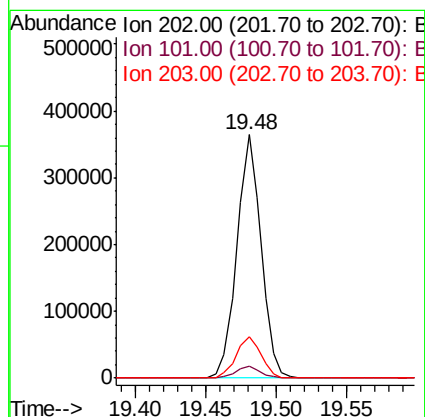
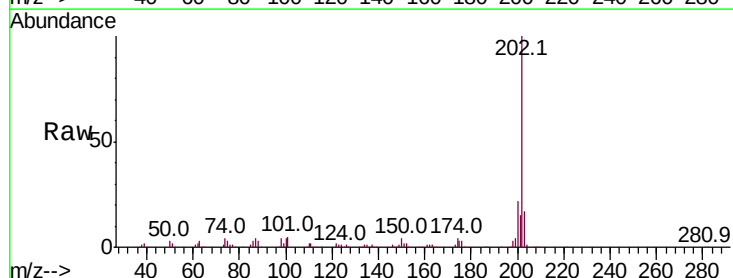
Instrument :
BNA_M
ClientSampleId :
RT2286MS

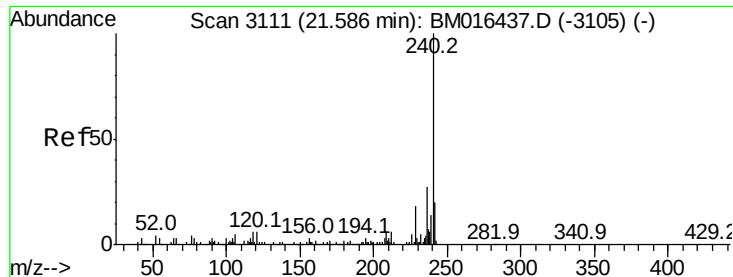
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	9.2	3.7	5.5#



#74
Fluoranthene
Concen: 61.090 ng
RT: 19.48 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.9	0.0	28.7
203	16.8	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampleId :

RT2286MS

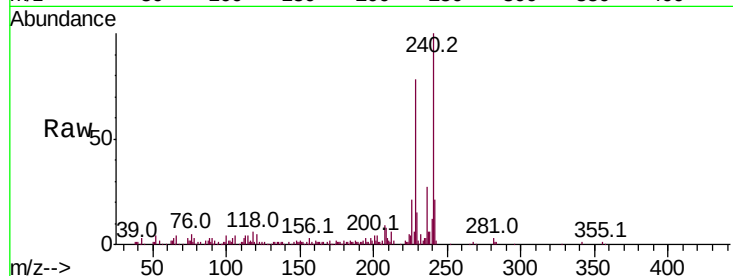
Tot Ion:240 Resp: 161011

Ion Ratio Lower Upper

240 100

120 5.3 8.2 12.2#

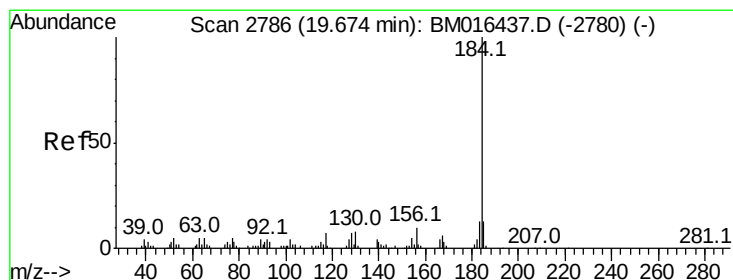
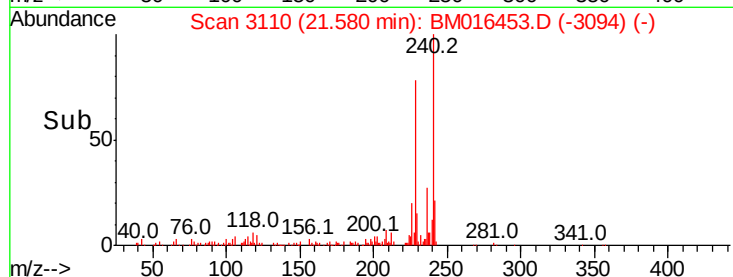
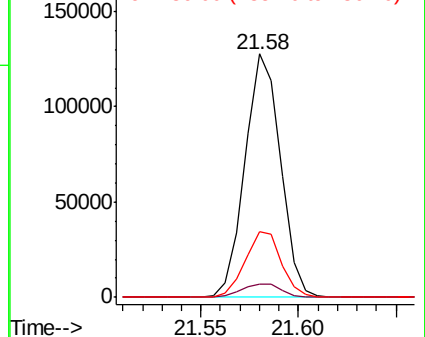
236 27.1 20.0 30.0



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: 57.892 ng

RT: 19.67 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

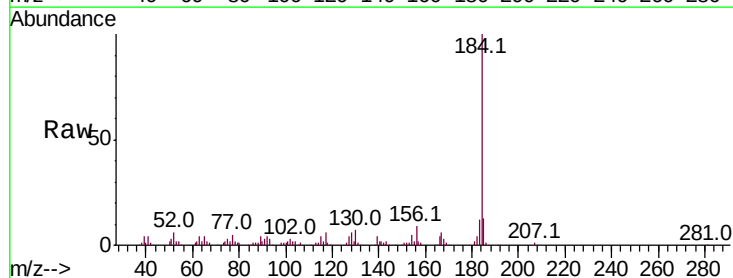
Tgt Ion:184 Resp: 205152

Ion Ratio Lower Upper

184 100

185 13.3 11.3 16.9

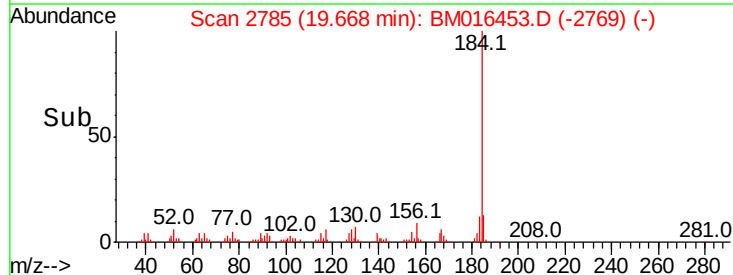
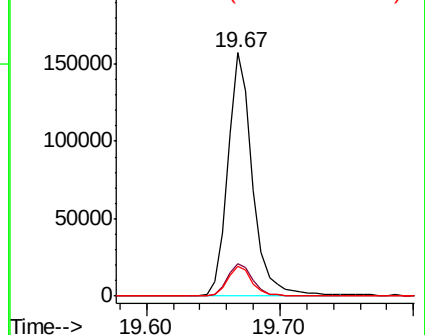
183 12.2 8.9 13.3

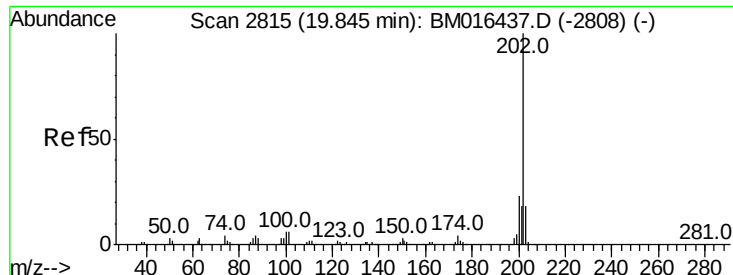


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

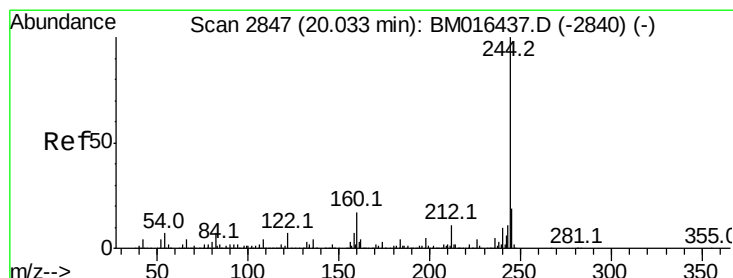
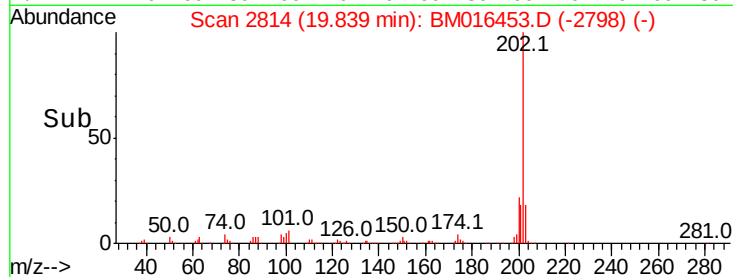
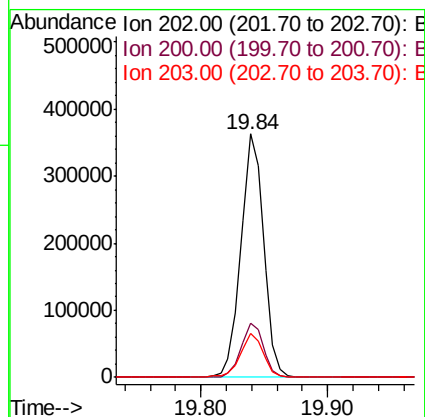
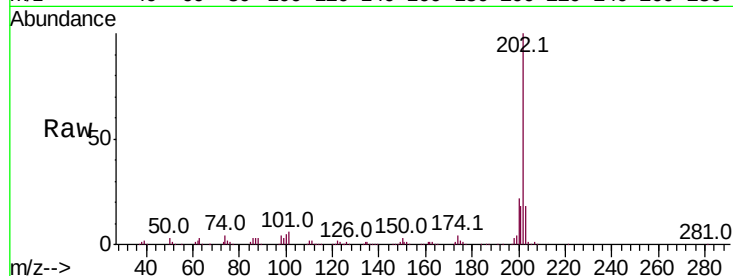




#77
Pvrene
Concen: 42.141 ng
RT: 19.84 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

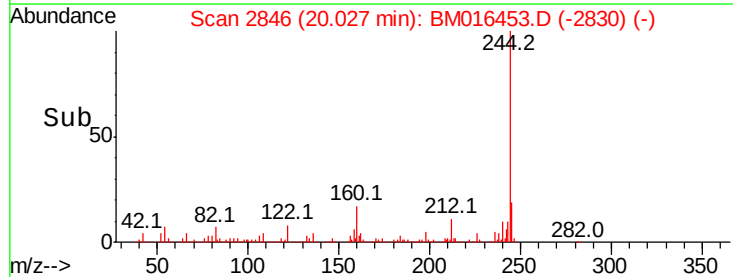
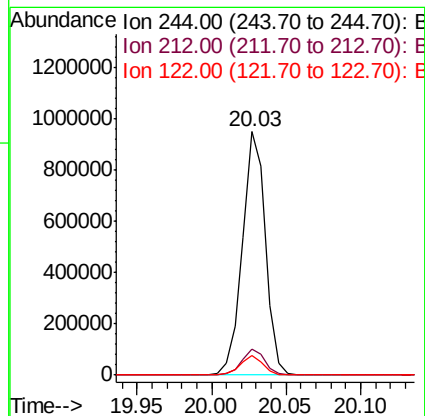
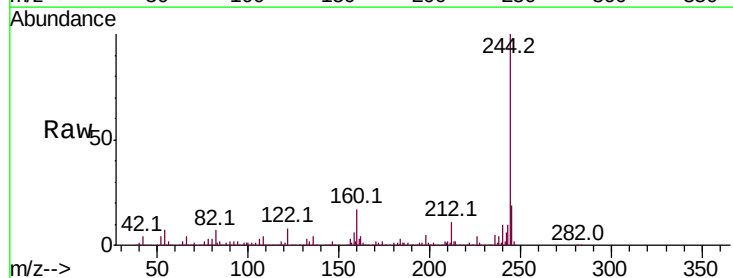
Instrument :
BNA_M
ClientSampleId :
RT2286MS

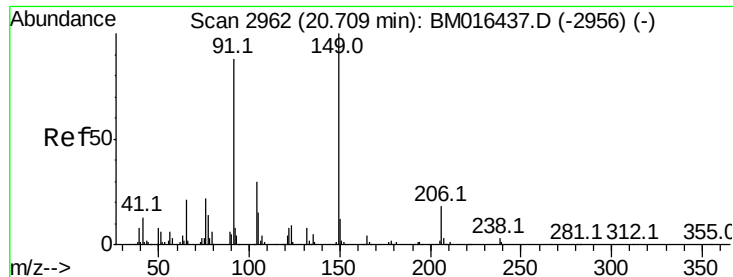
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	18.0	14.1	21.1



#78
Terphenyl-d14
Concen: 42.141 ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.7	4.9	7.3#
122	8.0	6.2	9.4





#79

Butylbenzylphthalate

Concen: 46.296 ng

RT: 20.71 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampleId :

RT2286MS

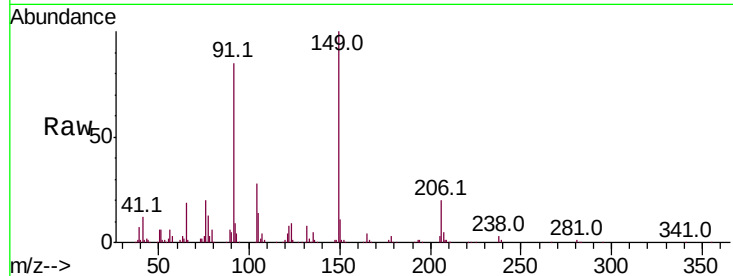
Tot Ion:149 Resp: 230544

Ion Ratio Lower Upper

149 100

91 84.6 50.1 75.1#

206 19.6 16.2 24.2

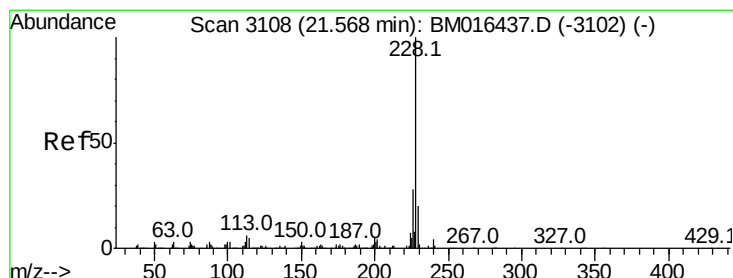
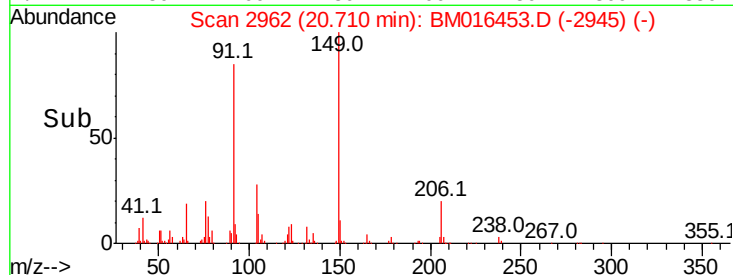
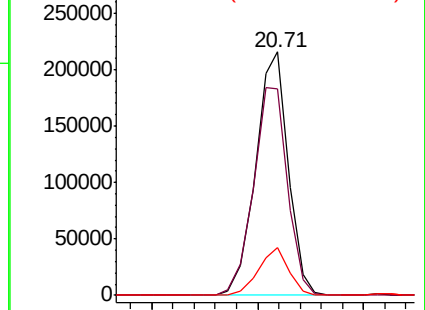


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 50.299 ng

RT: 21.57 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

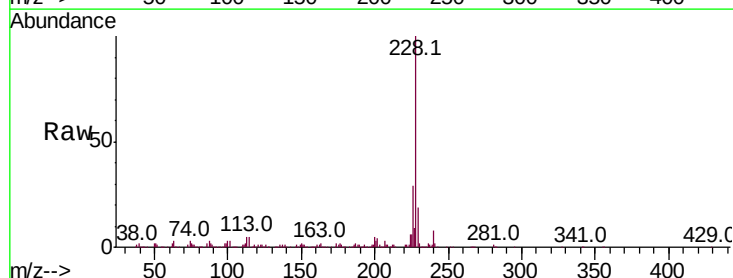
Tgt Ion:228 Resp: 523983

Ion Ratio Lower Upper

228 100

226 28.9 21.7 32.5

229 19.4 16.0 24.0

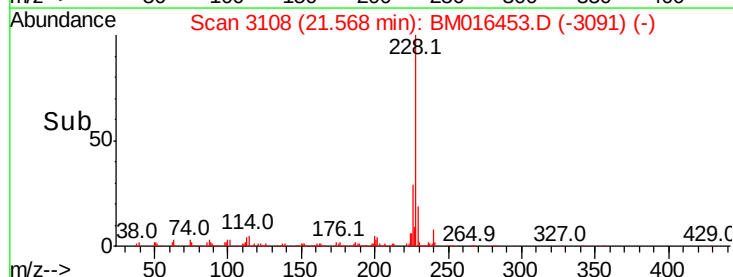
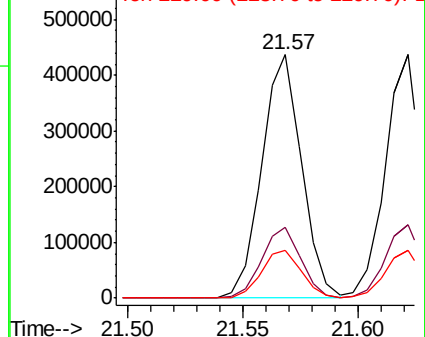


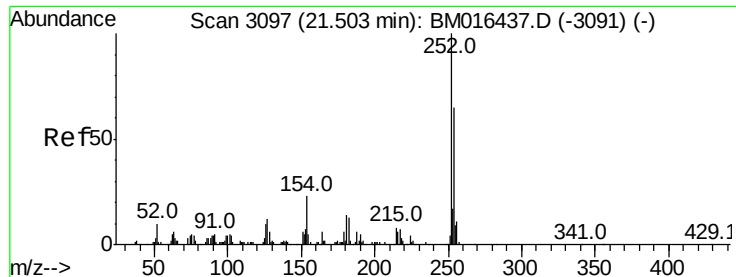
Abundance

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

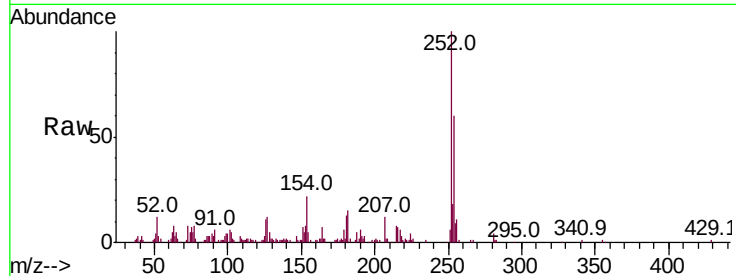




#81
 3,3'-Dichlorobenzidine
 Concen: 24.277 ng
 RT: 21.50 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.4	51.9	77.9
126	11.2	9.8	14.8

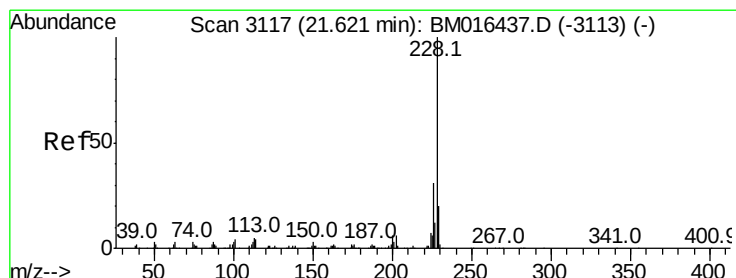
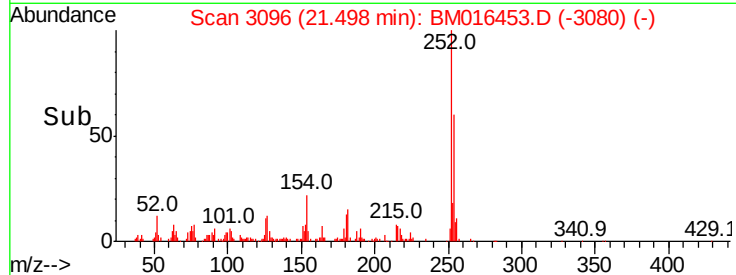
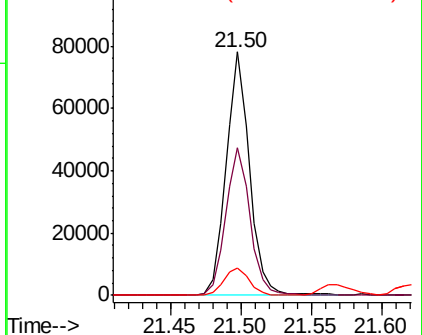


Abundance

Ion 252.00 (251.70 to 252.70): E

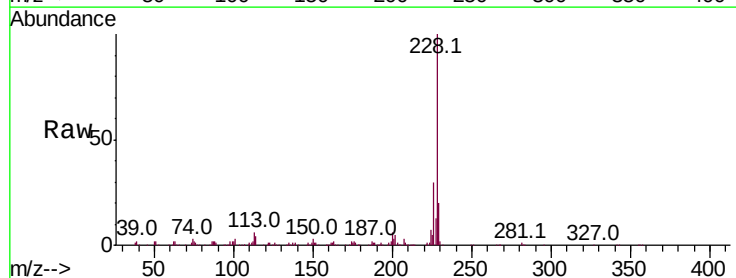
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 49.718 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. 0.00 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.7	15.5	23.3

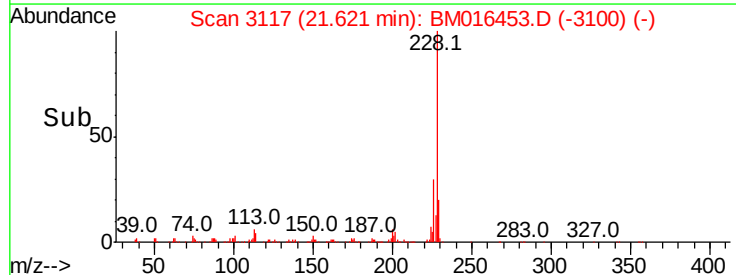
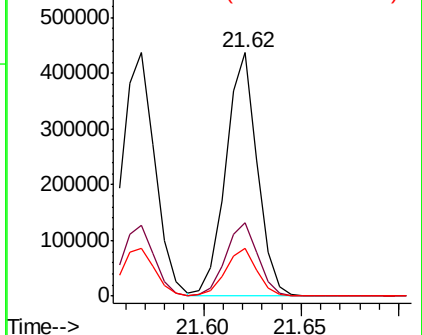


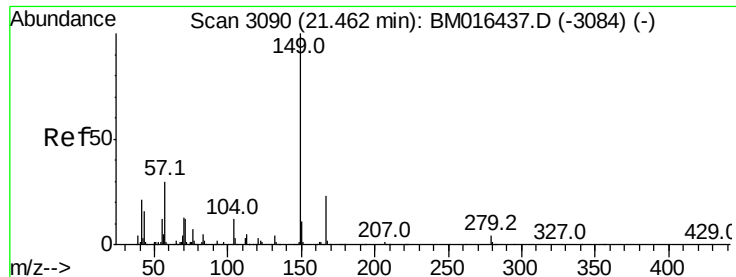
Abundance

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: 49.349 ng

RT: 21.46 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampleId :

RT2286MS

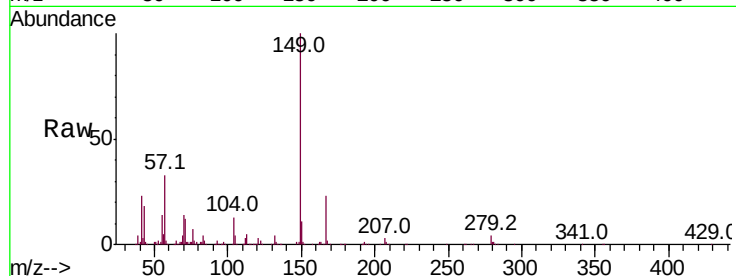
Tot Ion:149 Resp: 350566

Ion Ratio Lower Upper

149 100

167 22.7 22.4 33.6

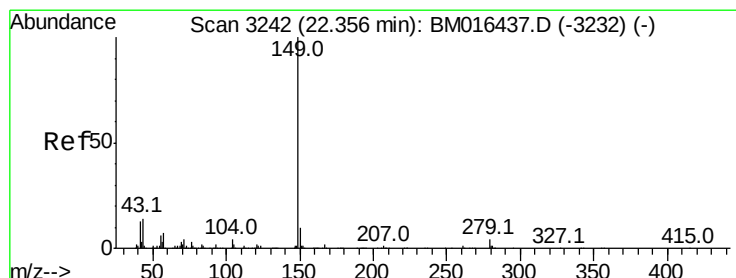
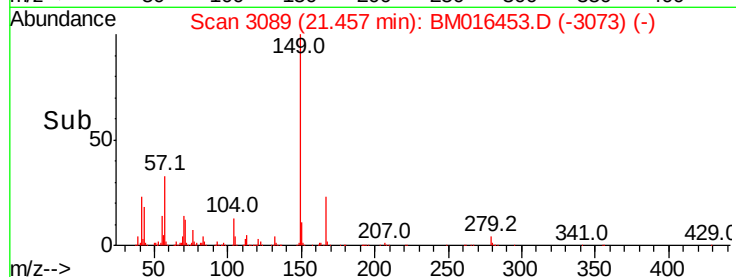
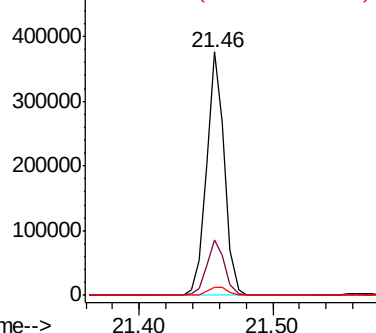
279 3.5 3.4 5.0



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: 58.776 ng

RT: 22.35 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

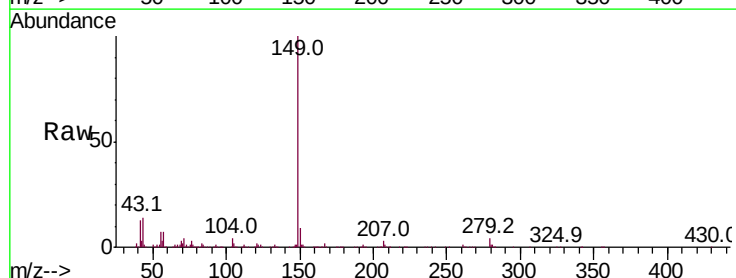
Tgt Ion:149 Resp: 626260

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

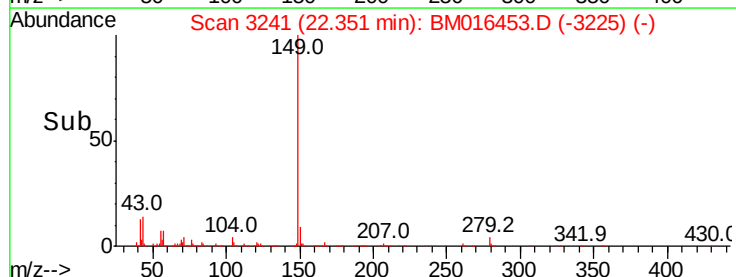
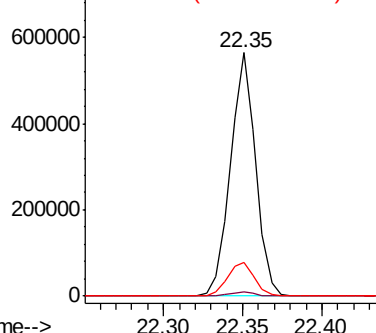
43 14.7 7.3 10.9#

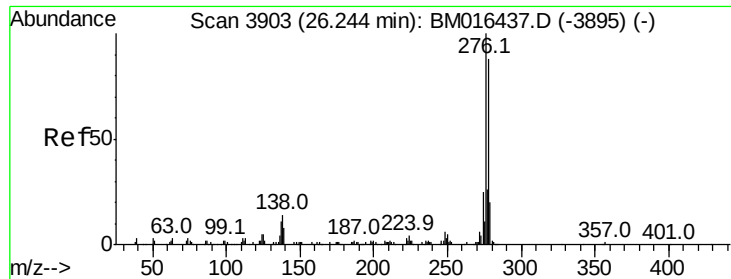


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

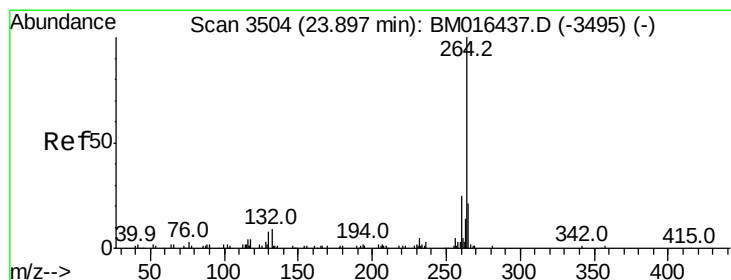
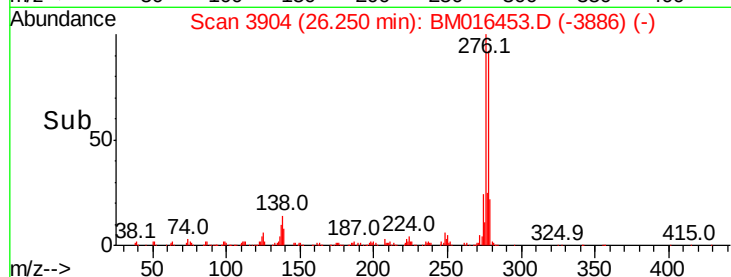
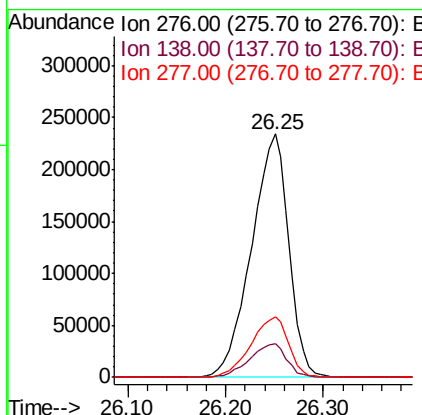
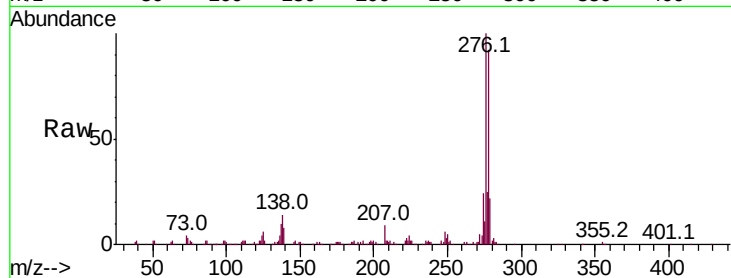




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 78.093 ng
 RT: 26.25 min Scan# 3904
 Delta R.T. 0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

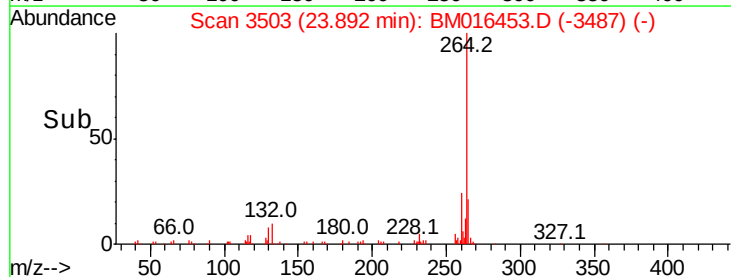
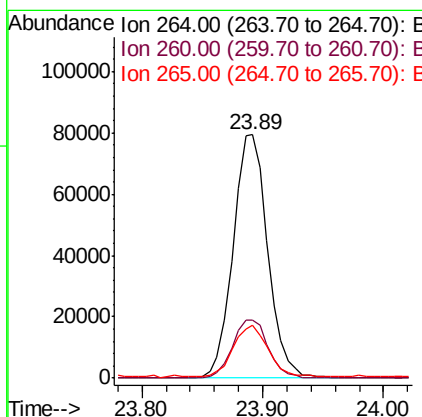
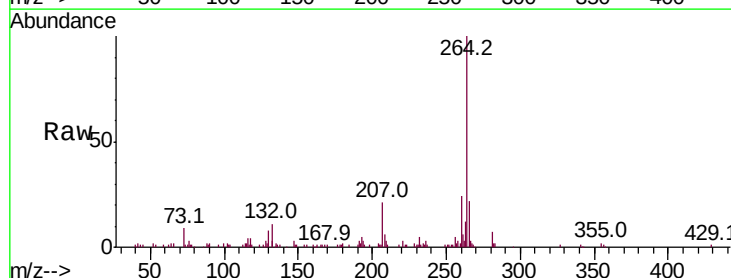
Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

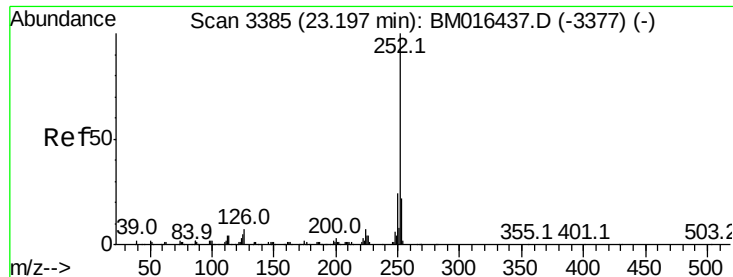
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.0	18.0
277	25.3	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.89 min Scan# 3503
 Delta R.T. -0.01 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.8	17.3	25.9

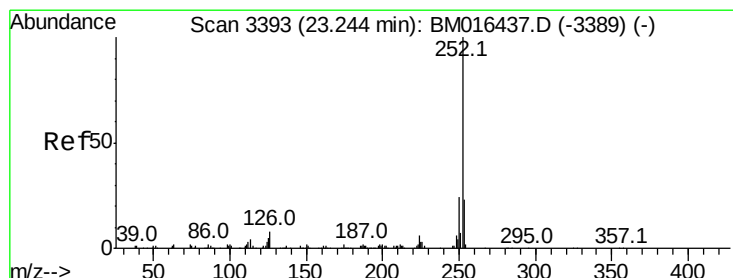
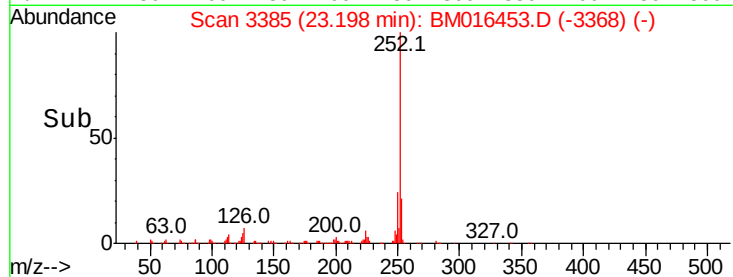
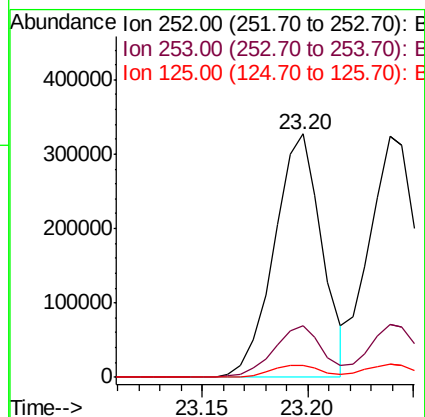
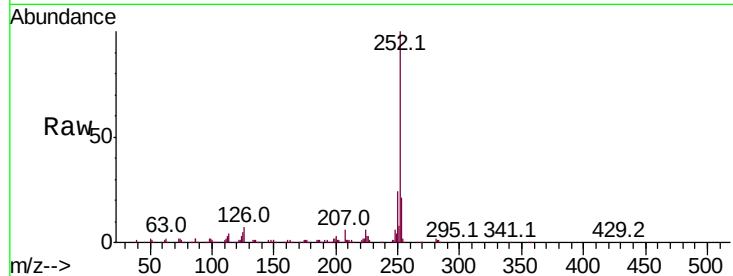




#87
Benzo(b)fluoranthene
Concen: 49.093 ng
RT: 23.20 min Scan# 3385
Delta R.T. 0.00 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

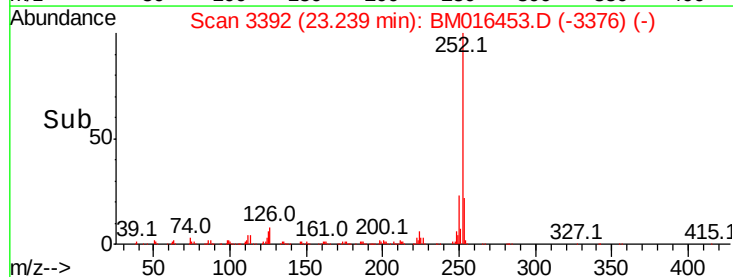
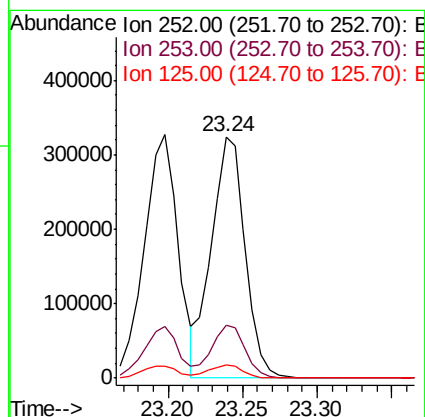
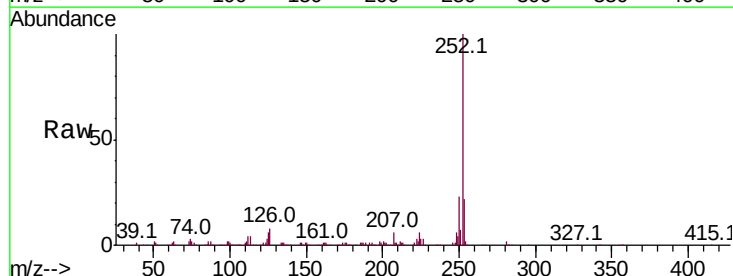
Instrument :
BNA_M
ClientSampleId :
RT2286MS

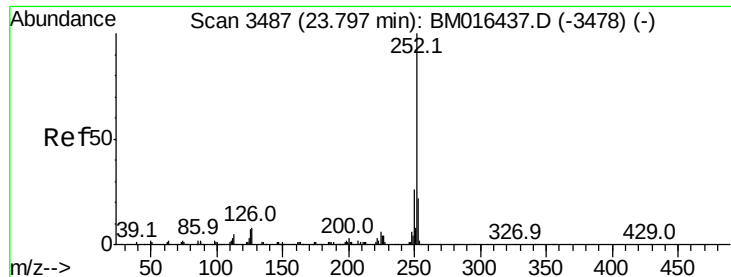
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	4.8	9.9	14.9#



#88
Benzo(k)fluoranthene
Concen: 48.662 ng
RT: 23.24 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM016453.D
Acq: 18 Aug 2018 00:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	5.6	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 52.780 ng

RT: 23.79 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

Instrument :

BNA_M

ClientSampleId :

RT2286MS

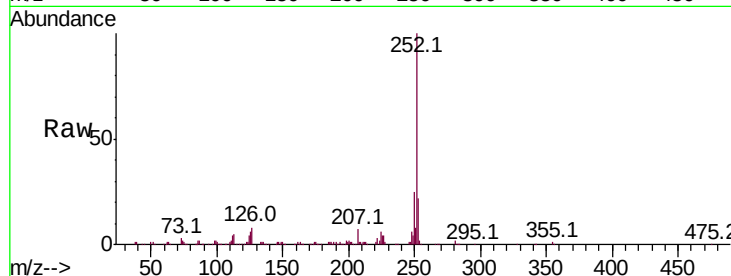
Tot Ion:252 Resp: 500547

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

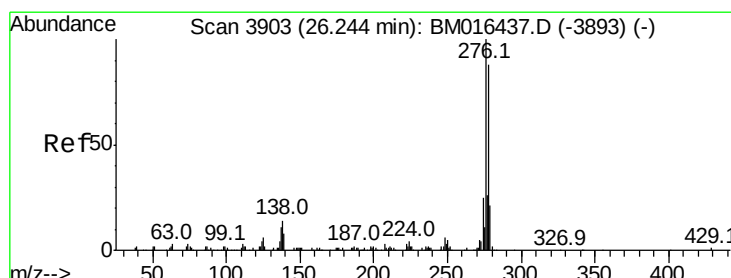
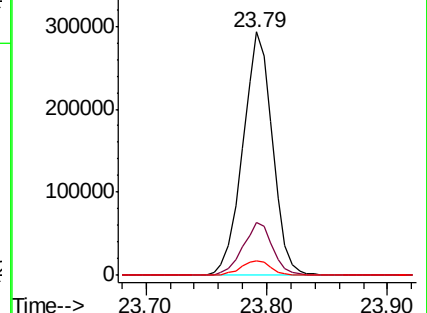
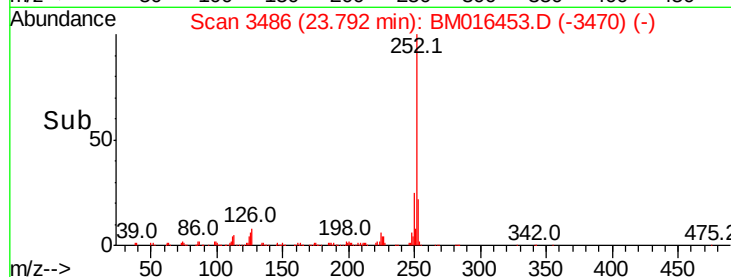
125 5.9 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 62.908 ng

RT: 26.25 min Scan# 3904

Delta R.T. 0.01 min

Lab File: BM016453.D

Acq: 18 Aug 2018 00:44

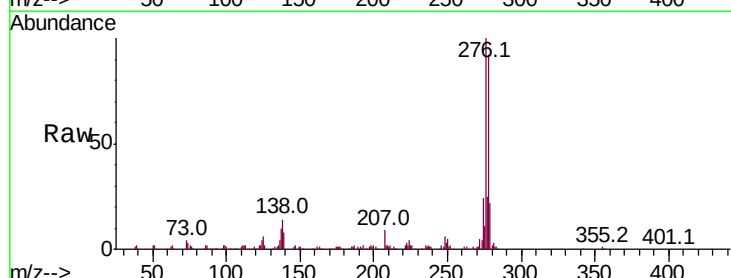
Tgt Ion:278 Resp: 534998

Ion Ratio Lower Upper

278 100

139 8.4 13.4 20.0#

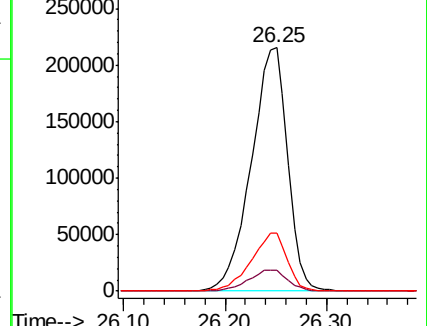
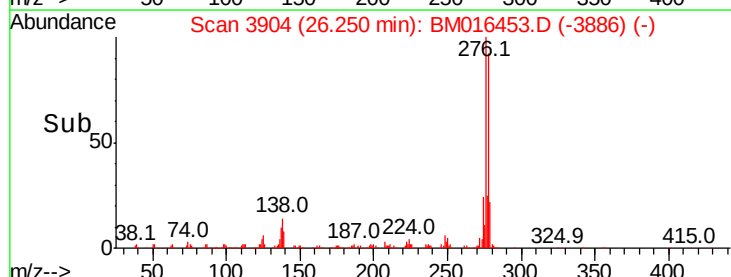
279 23.6 19.0 28.4

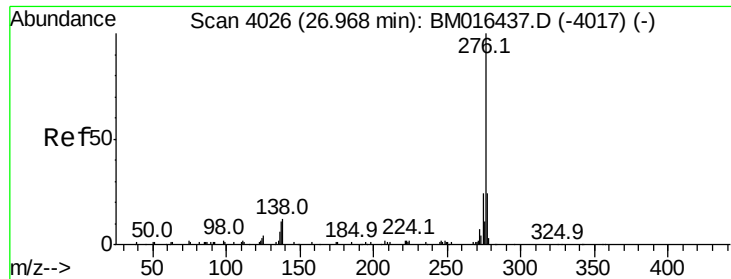


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 59.867 ng
 RT: 26.97 min Scan# 4026
 Delta R.T. 0.00 min
 Lab File: BM016453.D
 Acq: 18 Aug 2018 00:44

Instrument :
 BNA_M
 ClientSampleId :
 RT2286MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.5	27.7
138	11.8	19.0	28.6

