

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016437.D
 Acq On : 17 Aug 2018 13:48
 Operator : SJ/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 17 14:39:02 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 14:37:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21267	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	87633	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	56132	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	128985	20.00	ng	0.00
75) Chrysene-d12	21.59	240	135282	20.00	ng	0.00
86) Perylene-d12	23.90	264	103647	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	99903	78.03	ng	0.00
7) Phenol-d6	7.23	99	130940	78.31	ng	0.00
23) Nitrobenzene-d5	9.25	82	180162	95.62	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	66387	93.25	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	420003	91.04	ng	0.00
78) Terphenyl-d14	20.03	244	697082	107.86	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	23323	38.881	ng	# 100
3) Pyridine	3.84	79	46481	32.166	ng	# 61
4) n-Nitrosodimethylamine	3.76	42	55148	48.929	ng	# 22
6) Aniline	7.39	93	70625	36.686	ng	# 86
8) 2-Chlorophenol	7.62	128	61213	40.229	ng	98
9) Benzaldehyde	7.21	77	46052	39.203	ng	84
10) Phenol	7.26	94	64455	38.553	ng	86
11) bis(2-Chloroethyl)ether	7.49	93	49293	37.322	ng	90
12) 1,3-Dichlorobenzene	7.94	146	70956	39.839	ng	# 84
13) 1,4-Dichlorobenzene	8.09	146	73628	40.760	ng	# 94
14) 1,2-Dichlorobenzene	8.41	146	73011	41.308	ng	# 93
15) Benzyl Alcohol	8.32	79	59924	45.011	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.59	45	61885	30.615	ng	91
17) 2-Methylphenol	8.52	107	46983	41.115	ng	# 75
18) Hexachloroethane	9.12	117	37749	48.345	ng	95
19) n-Nitroso-di-n-propylamine	8.88	70	52950	43.328	ng	# 62
20) 3+4-Methylphenols	8.85	107	66143	40.230	ng	# 82
22) Acetophenone	8.90	105	100059	45.345	ng	# 73
24) Nitrobenzene	9.29	77	86511	45.616	ng	# 94
25) Isophorone	9.80	82	118656	46.041	ng	# 93
26) 2-Nitrophenol	10.00	139	36945	46.666	ng	# 30
27) 2,4-Dimethylphenol	10.05	122	49350	44.742	ng	# 76
28) bis(2-Chloroethoxy)methane	10.29	93	67872	40.519	ng	98
29) 2,4-Dichlorophenol	10.53	162	62453	47.650	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	74142	46.558	ng	# 94
31) Naphthalene	10.92	128	178520	40.251	ng	98
32) Benzoic acid	10.25	122	40132	47.730	ng	# 86
33) 4-Chloroaniline	11.05	127	76298	42.156	ng	# 82
34) Hexachlorobutadiene	11.17	225	63465	57.454	ng	96
35) Caprolactam	11.88	113	15972	43.999	ng	91
36) 4-Chloro-3-methylphenol	12.17	107	68847	47.758	ng	86
37) 2-Methylnaphthalene	12.53	142	130565	43.946	ng	# 80
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	89553	46.862	ng	# 100
40) Hexachlorocyclopentadiene	12.85	237	27683	35.487	ng	96

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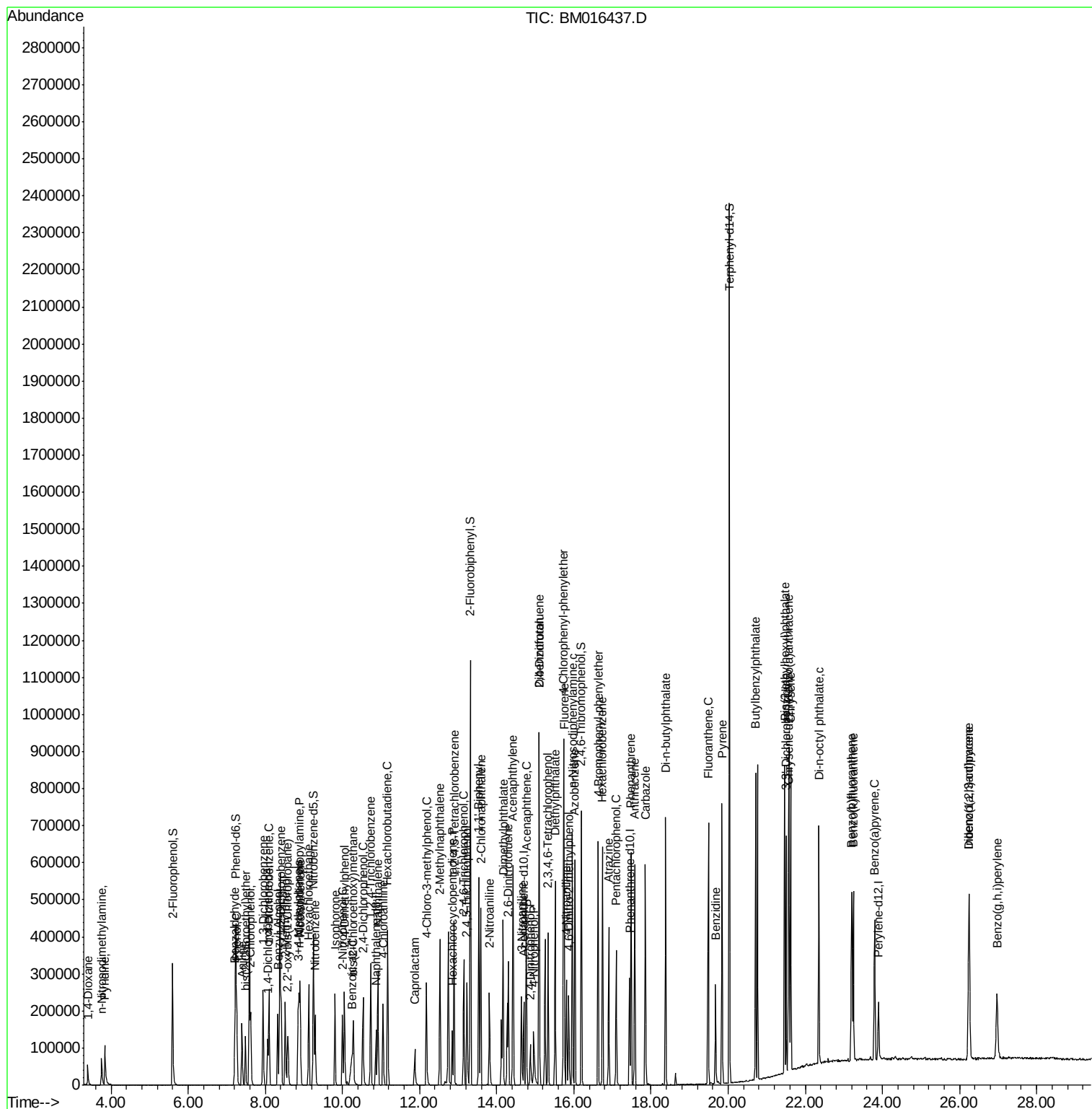
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42) 2,4,6-Trichlorophenol	13.15	196	55116	46.098	nq	99
43) 2,4,5-Trichlorophenol	13.22	196	55028	44.619	nq #	78
45) 1,1'-Biphenyl	13.53	154	204219	40.314	nq	99
46) 2-Chloronaphthalene	13.59	162	160175	40.653	nq #	87
47) 2-Nitroaniline	13.81	65	55958	42.958	nq #	71
48) Acenaphthylene	14.43	152	239967	41.604	nq	98
49) Dimethylphthalate	14.16	163	214313	43.627	nq #	99
50) 2,6-Dinitrotoluene	14.30	165	41780	42.270	nq #	27
51) Acenaphthene	14.77	154	145105	40.905	nq	94
52) 3-Nitroaniline	14.64	138	41154	38.549	nq #	69
53) 2,4-Dinitrophenol	14.87	184	19492	52.900	nq #	64
54) Dibenzofuran	15.10	168	262000	44.819	nq #	77
55) 4-Nitrophenol	14.96	139	26735	34.933	nq #	81
56) 2,4-Dinitrotoluene	15.10	165	68232	48.279	nq #	64
57) Fluorene	15.75	166	199119	45.838	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.33	232	53431	50.404	nq #	100
59) Diethylphthalate	15.52	149	249224	47.069	nq	95
60) 4-Chlorophenyl-phenylether	15.73	204	126689	52.389	nq #	83
61) 4-Nitroaniline	15.81	138	40151	39.199	nq #	1
62) Azobenzene	16.03	77	289056	51.837	nq #	69
64) 4,6-Dinitro-2-methylphenol	15.87	198	37487	47.882	nq	86
65) n-Nitrosodiphenylamine	15.96	169	179760	42.324	nq	99
66) 4-Bromophenyl-phenylether	16.63	248	72075	49.348	nq #	68
67) Hexachlorobenzene	16.74	284	70723	43.971	nq #	50
68) Atrazine	16.90	200	67556	44.379	nq	96
69) Pentachlorophenol	17.10	266	40003	40.165	nq	94
70) Phenanthrene	17.49	178	297032	41.132	nq	98
71) Anthracene	17.58	178	297186	42.344	nq	97
72) Carbazole	17.86	167	288304	39.652	nq #	95
73) Di-n-butylphthalate	18.38	149	414764	45.779	nq #	95
74) Fluoranthene	19.49	202	350027	43.453	nq	96
76) Benzidine	19.67	184	111984	29.623	nq	97
77) Pyrene	19.84	202	365278	45.057	nq	98
79) Butylbenzylphthalate	20.71	149	173599	42.152	nq #	74
80) Benzo(a)anthracene	21.57	228	348649	41.844	nq	98
81) 3,3'-Dichlorobenzidine	21.50	252	127397	37.960	nq	99
82) Chrysene	21.62	228	326878	40.897	nq	99
83) Bis(2-ethylhexyl)phthalate	21.46	149	240165	40.238	nq	92
84) Di-n-octyl phthalate	22.36	149	357217	35.610	nq #	86
85) Indeno(1,2,3-cd)pyrene	26.24	276	263806	27.814	nq	100
87) Benzo(b)fluoranthene	23.20	252	269912	44.230	nq #	93
88) Benzo(k)fluoranthene	23.24	252	268204	43.367	nq #	94
89) Benzo(a)pyrene	23.80	252	245856	41.908	nq #	97
90) Dibenzo(a,h)anthracene	26.24	278	221826	36.495	nq #	92
91) Benzo(g,h,i)perylene	26.97	276	201497	35.051	nq #	88

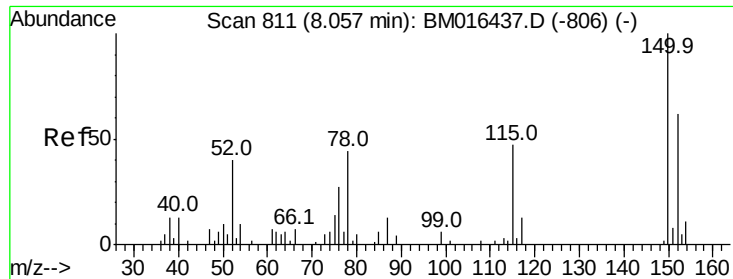
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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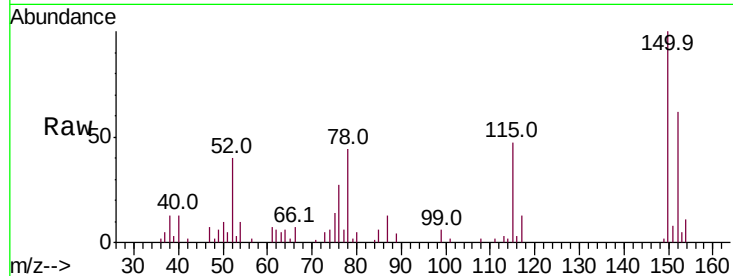


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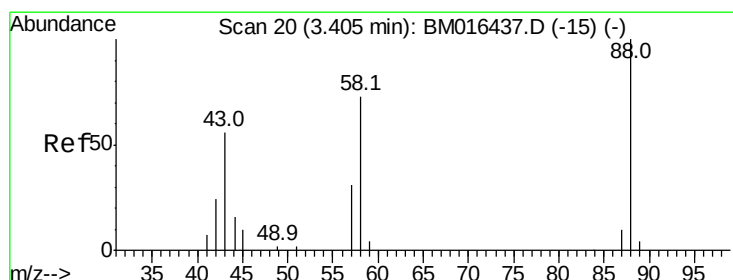
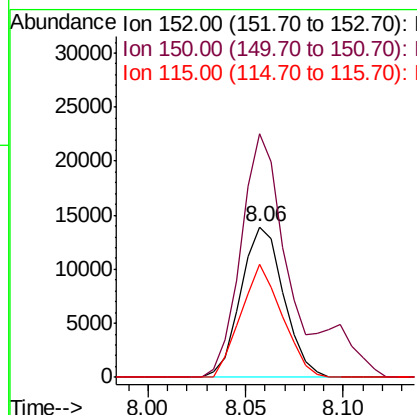
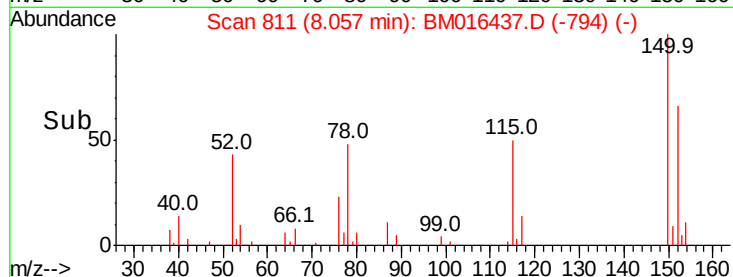
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 21267
Ion Ratio Lower Upper
152 100
150 162.1 119.5 179.3
115 75.4 43.0 64.4#



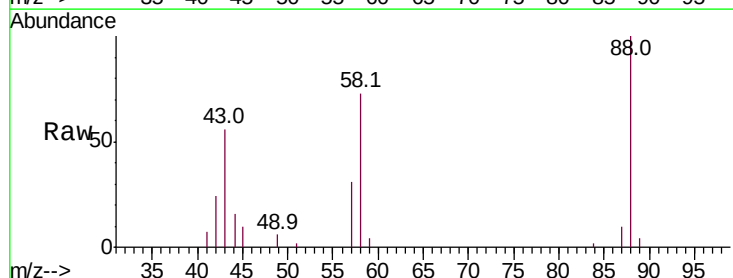
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



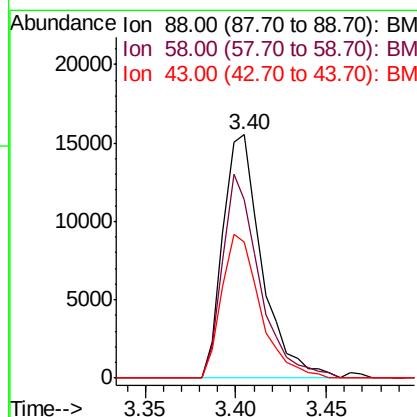
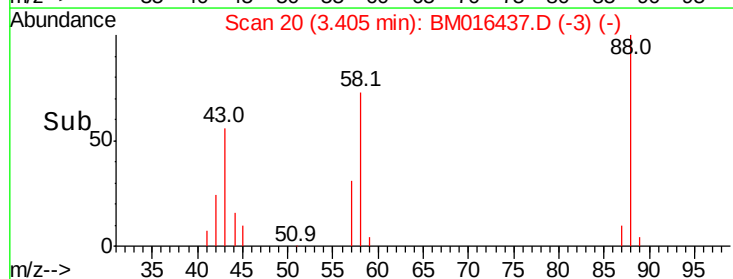
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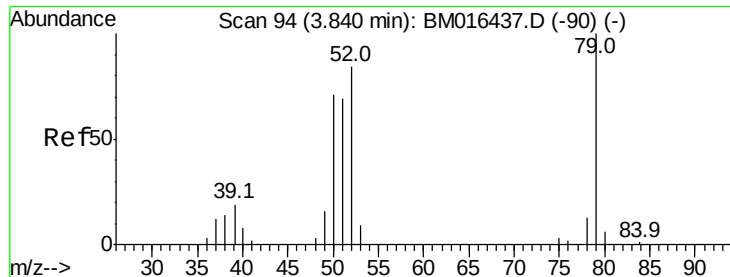
1,4-Dioxane
Concen: 38.881 ng
RT: 3.40 min Scan# 20
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion: 88 Resp: 23323
Ion Ratio Lower Upper
88 100
58 78.7 0.0 0.0#
43 58.3 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

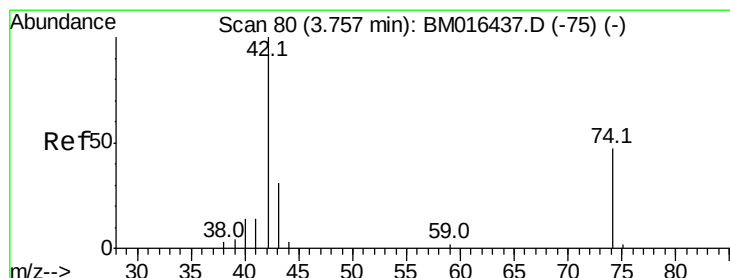
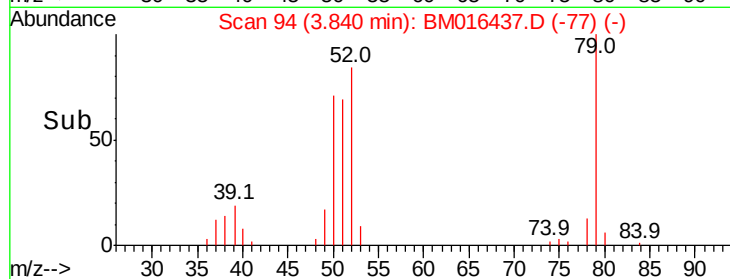
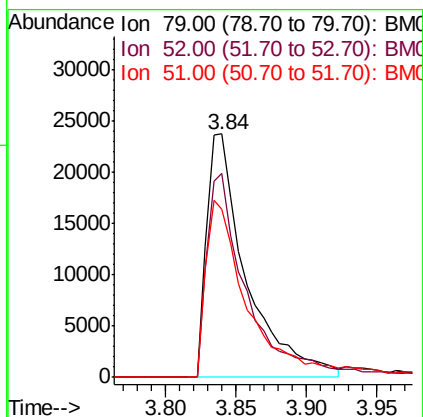
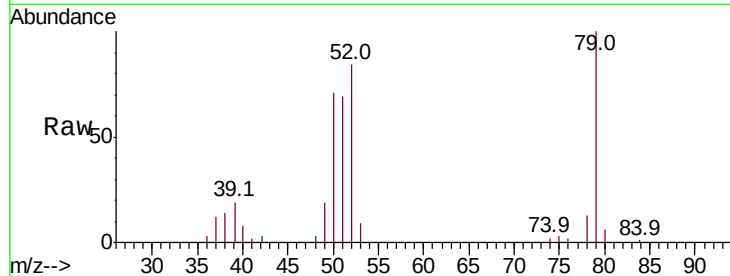




#3
 Pvridine
 Concen: 32.166 ng
 RT: 3.84 min Scan# 94
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

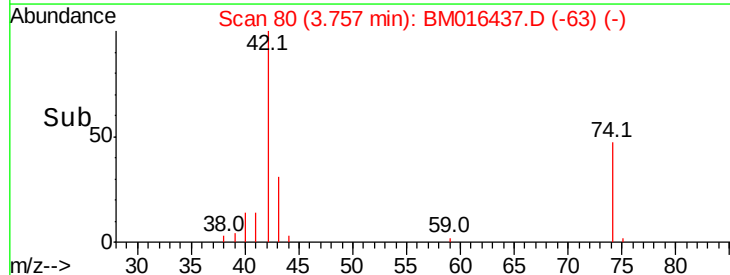
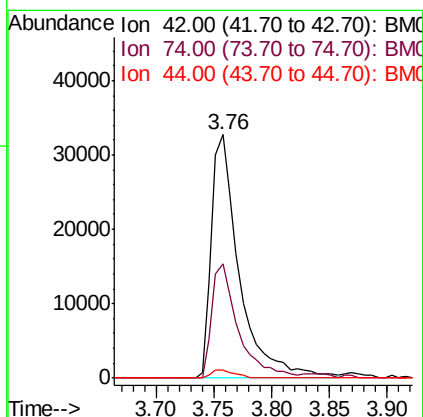
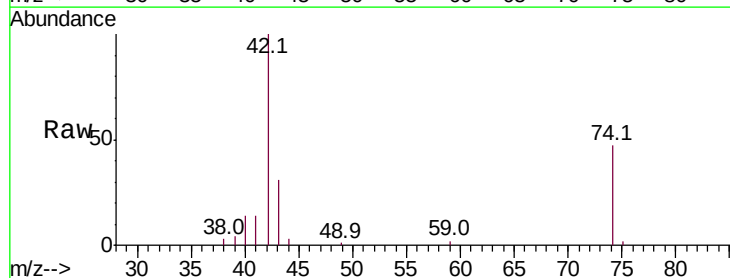
Instrument :
 BNA_M
 ClientSampleId :

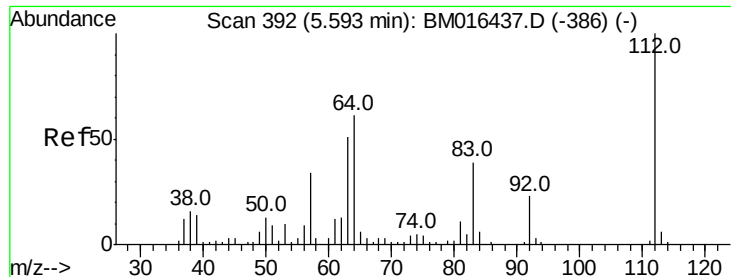
Tot Ion: 79 Resp: 46481
 Ion Ratio Lower Upper
 79 100
 52 84.0 51.1 76.7#
 51 69.0 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 48.929 ng
 RT: 3.76 min Scan# 80
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion: 42 Resp: 55148
 Ion Ratio Lower Upper
 42 100
 74 47.0 119.3 178.9#
 44 3.4 5.4 8.2#





#5

2-Fluorophenol

Concen: 48.929 ng

RT: 5.59 min Scan# 392

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

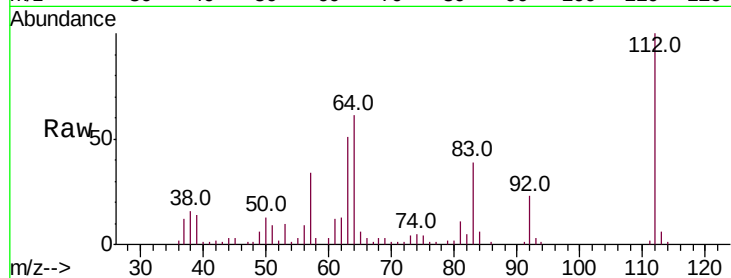
Tot Ion:112 Resp: 99903

Ion Ratio Lower Upper

112 100

64 61.4 38.6 57.8#

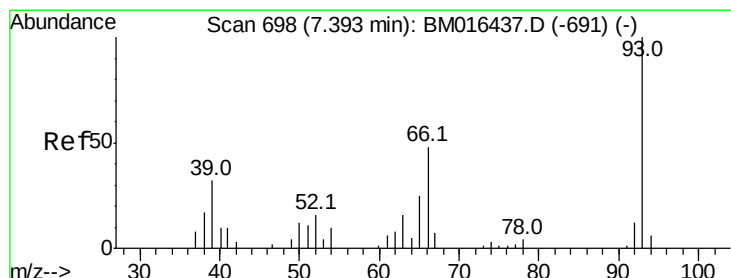
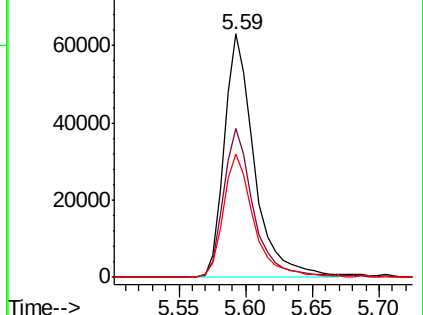
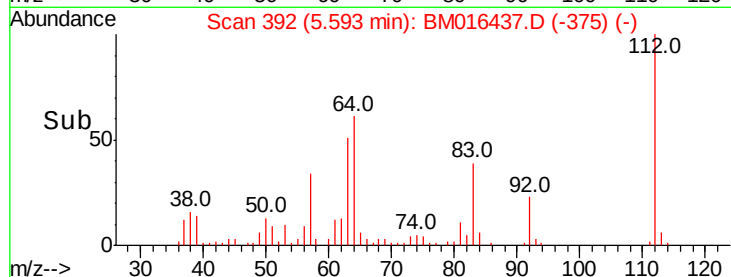
63 50.7 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 36.686 ng

RT: 7.39 min Scan# 698

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

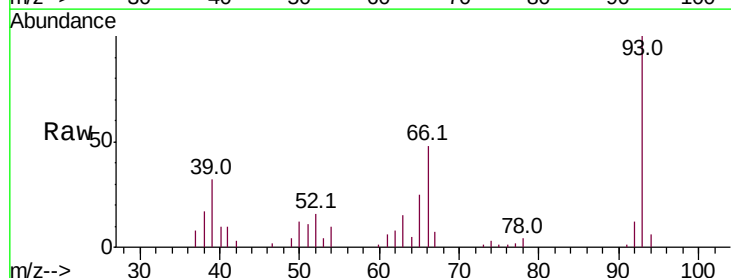
Tgt Ion: 93 Resp: 70625

Ion Ratio Lower Upper

93 100

66 47.7 30.8 46.2#

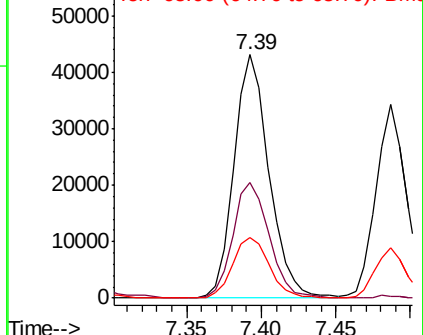
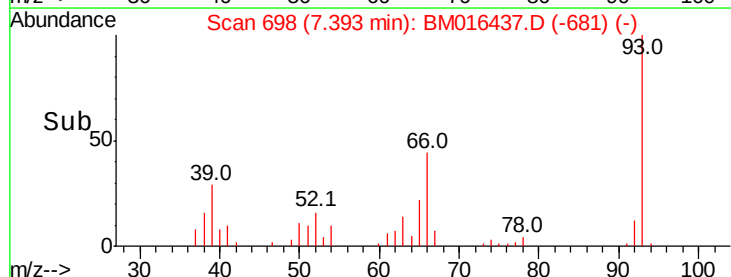
65 25.1 16.0 24.0#

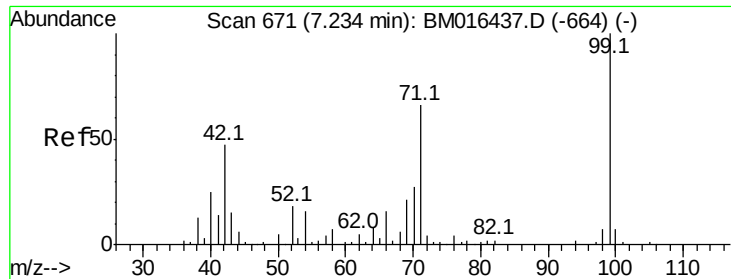


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 36.686 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

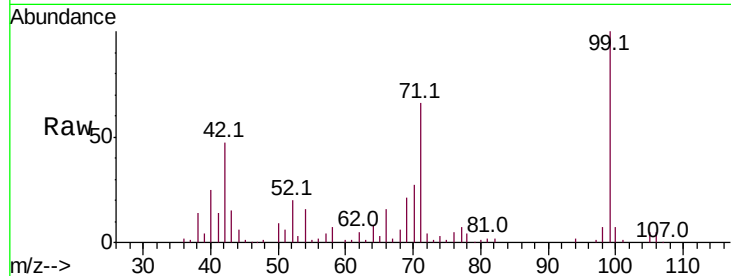
Tot Ion: 99 Resp: 130940

Ion Ratio Lower Upper

99 100

42 46.8 11.0 16.4#

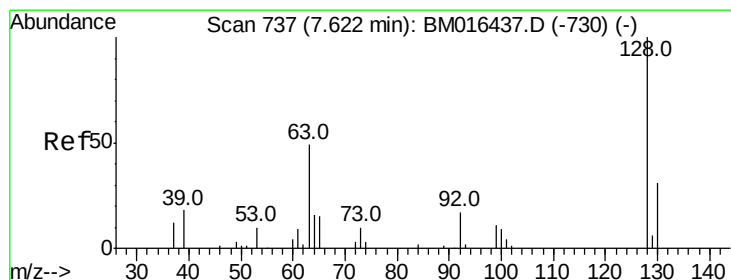
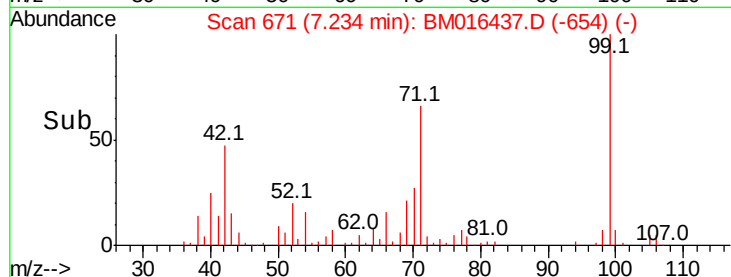
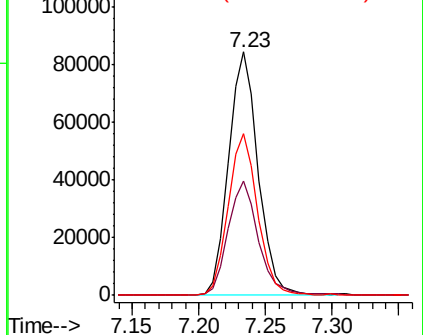
71 66.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016437.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM016437.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM016437.D (-664) (-)



#8

2-Chlorophenol

Concen: 40.229 ng

RT: 7.62 min Scan# 737

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

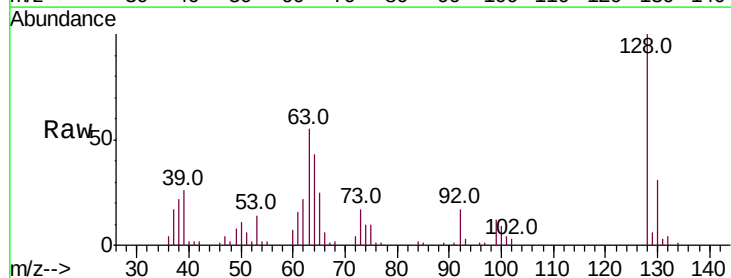
Tgt Ion:128 Resp: 61213

Ion Ratio Lower Upper

128 100

130 31.3 12.0 52.0

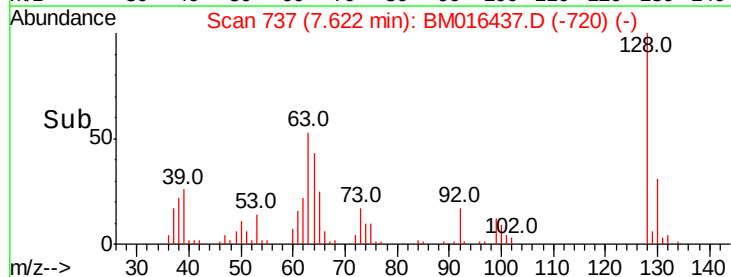
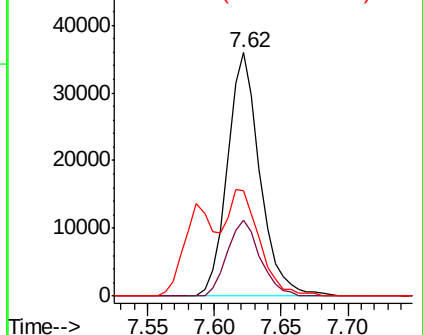
64 43.2 24.9 64.9

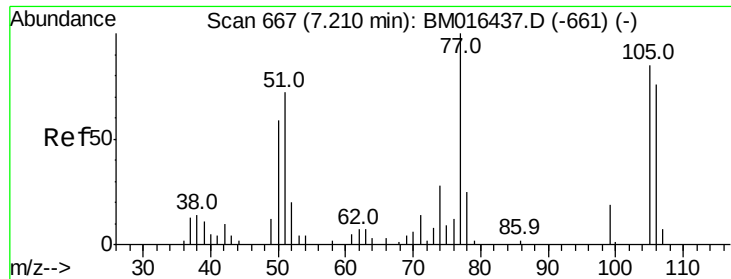


Abundance Ion 128.00 (127.70 to 128.70): BM016437.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016437.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016437.D (-730) (-)

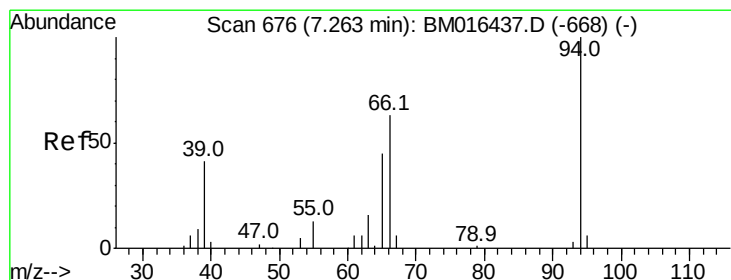
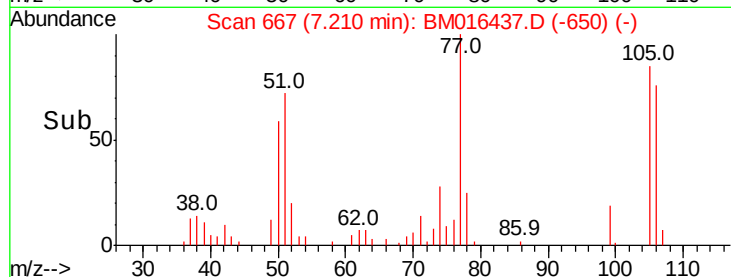
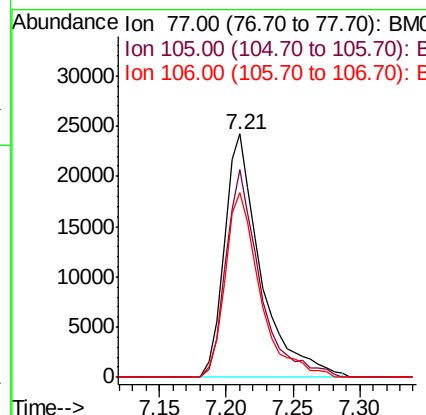
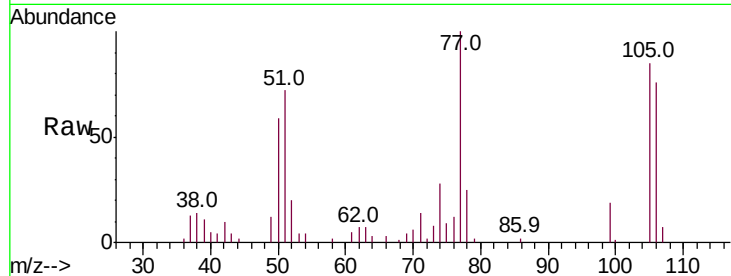




#9
Benzaldehyde
Concen: 39.203 ng
RT: 7.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BM016437.D
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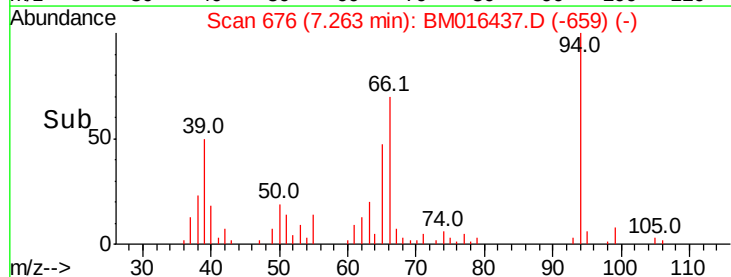
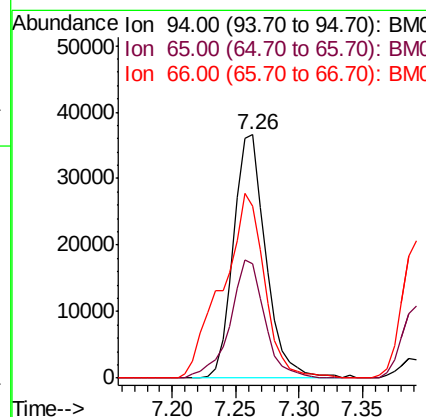
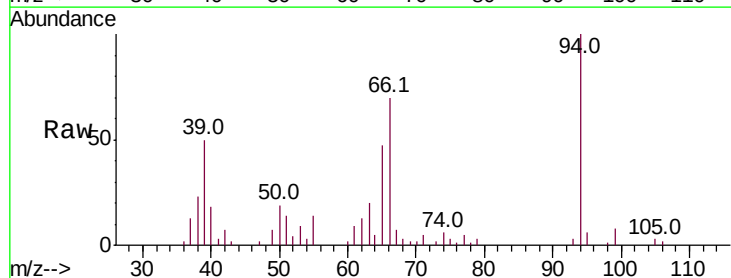
Instrument :
BNA_M
ClientSampled :

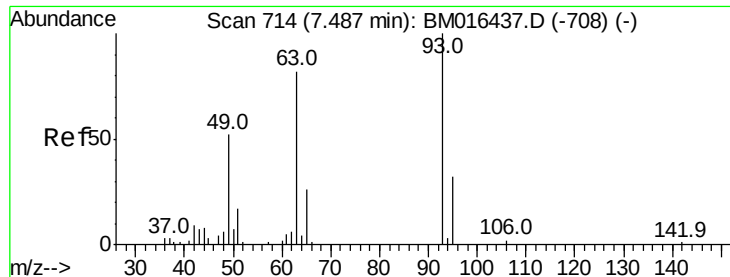
Tot Ion: 77 Resp: 46052
Ion Ratio Lower Upper
77 100
105 85.4 78.8 118.8
106 76.0 73.7 113.7



#10
Phenol
Concen: 38.553 ng
RT: 7.26 min Scan# 676
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion: 94 Resp: 64455
Ion Ratio Lower Upper
94 100
65 47.0 18.8 58.8
66 70.4 39.9 79.9

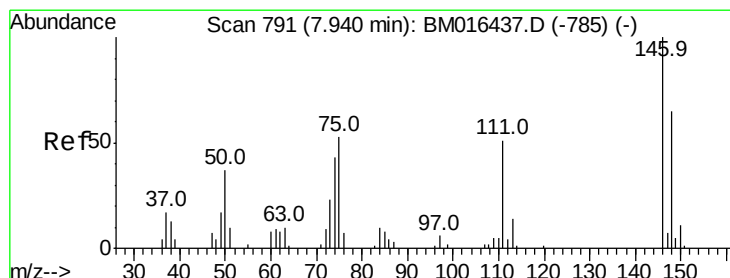
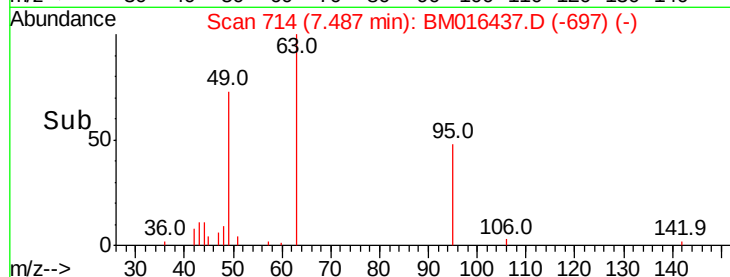
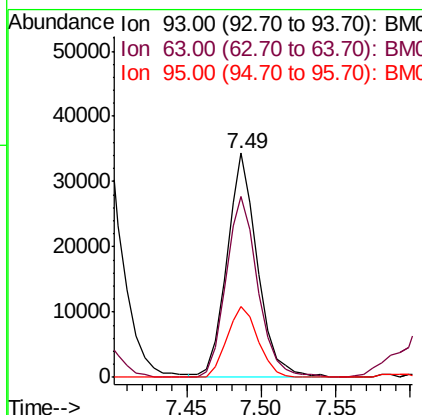
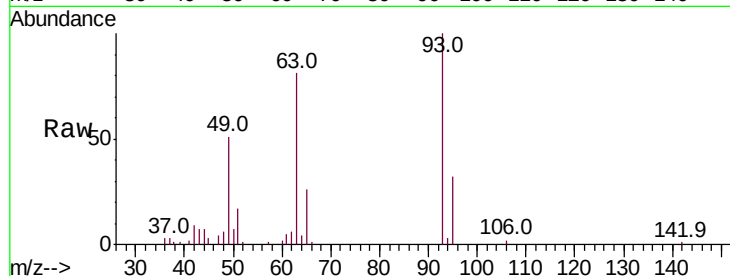




#11
 bis(2-Chloroethyl)ether
 Concen: 37.322 ng
 RT: 7.49 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

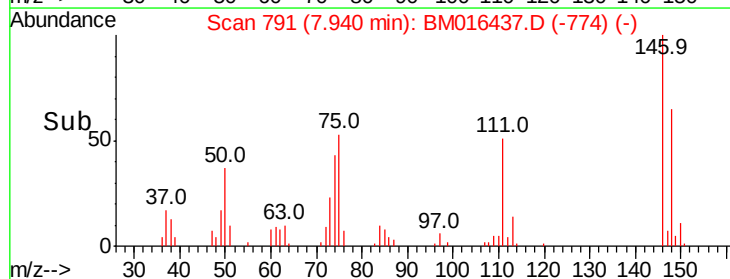
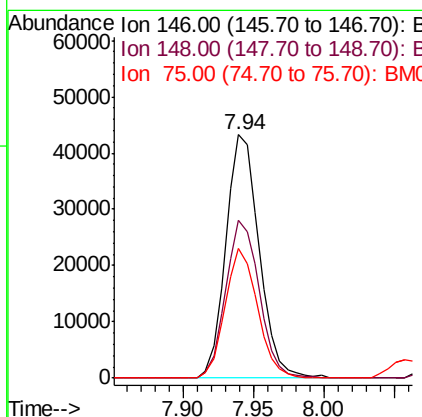
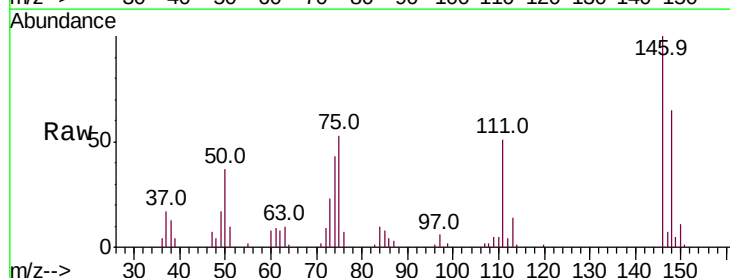
Instrument :
 BNA_M
 ClientSampleId :

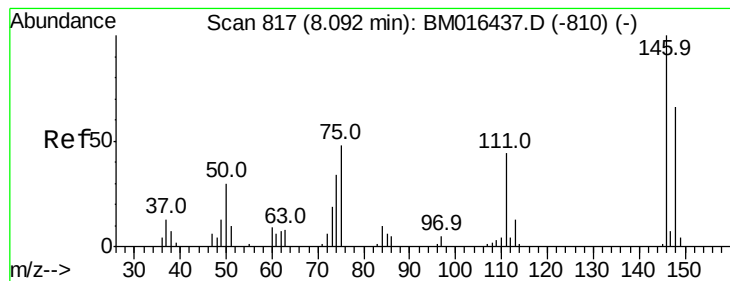
Tot Ion	Ratio	Lower	Upper
93	100		
63	80.9	49.5	89.5
95	31.8	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 39.839 ng
 RT: 7.94 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.9	76.3
75	53.2	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 40.760 ng

RT: 8.09 min Scan# 817

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampled :

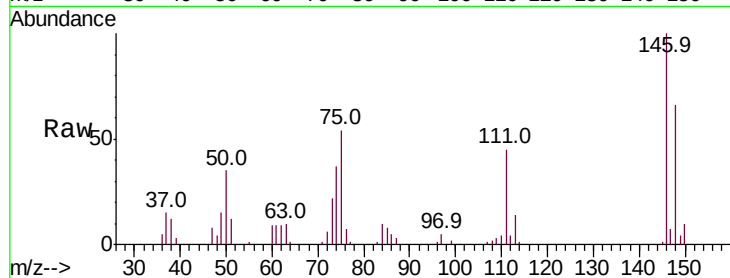
Tot Ion:146 Resp: 73628

Ion Ratio Lower Upper

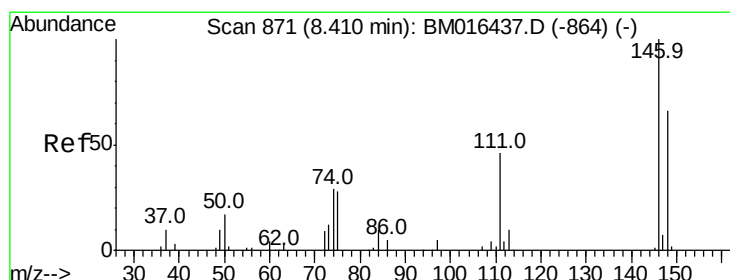
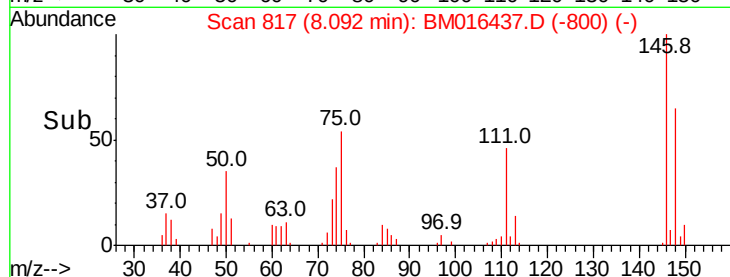
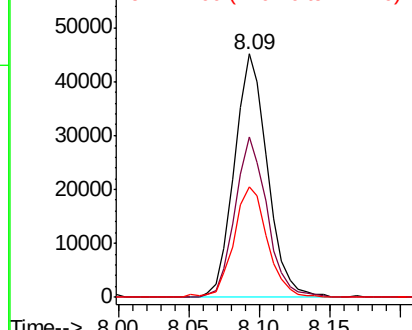
146 100

148 65.7 51.9 77.9

111 45.2 29.2 43.8#



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



#14

1,2-Dichlorobenzene

Concen: 41.308 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

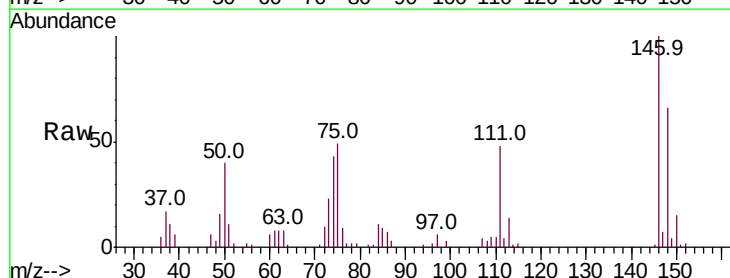
Tgt Ion:146 Resp: 73011

Ion Ratio Lower Upper

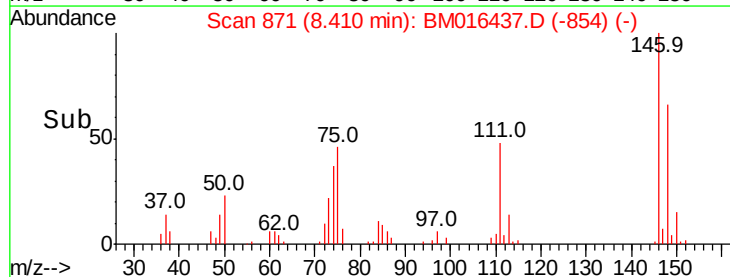
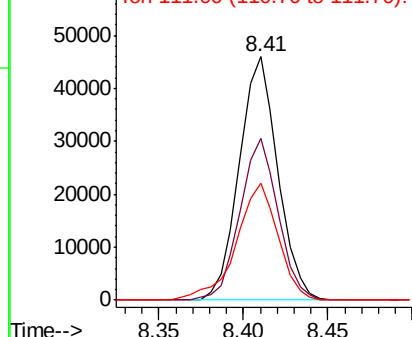
146 100

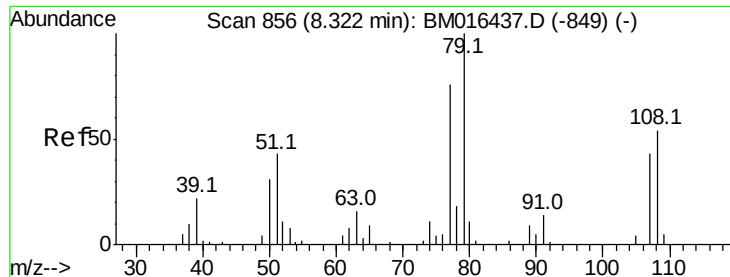
148 66.2 52.3 78.5

111 48.0 30.6 45.8#



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

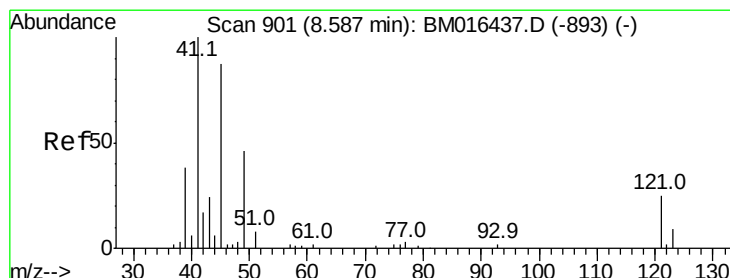
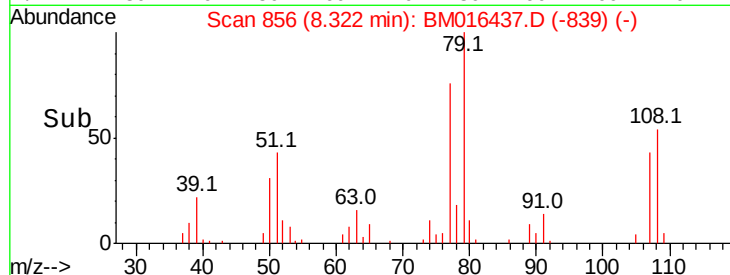
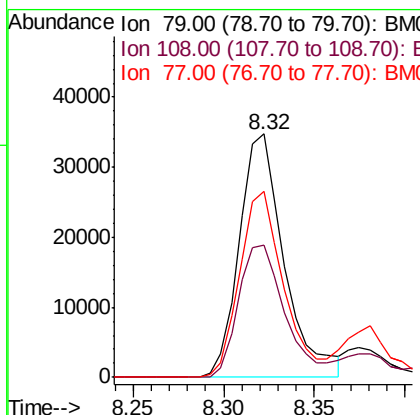
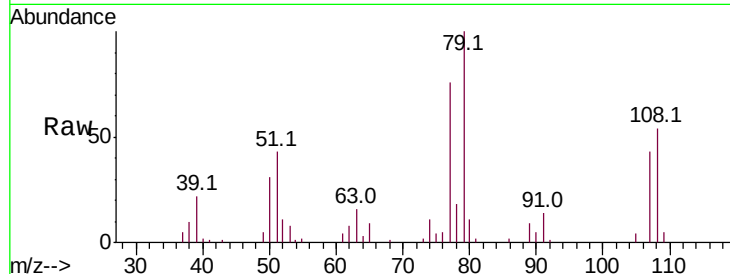




#15
Benzyl Alcohol
Concen: 45.011 ng
RT: 8.32 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

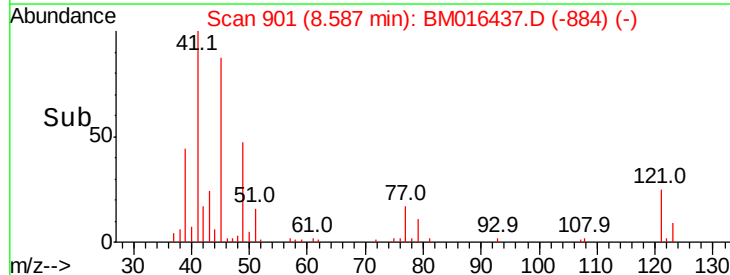
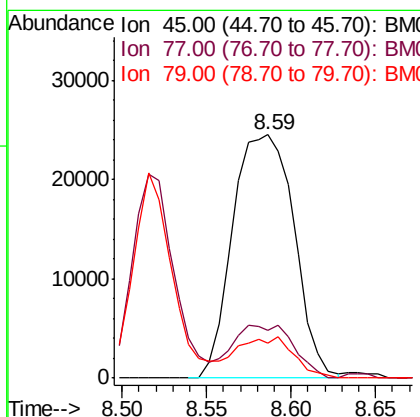
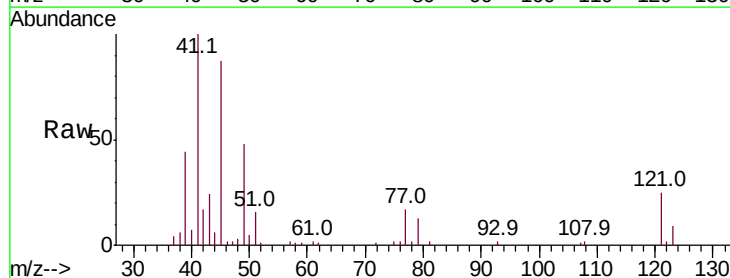
Instrument :
BNA_M
ClientSampled :

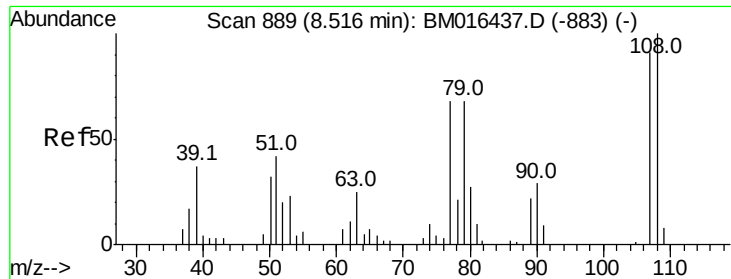
Tot Ion: 79 Resp: 59924
Ion Ratio Lower Upper
79 100
108 54.5 65.0 97.4#
77 76.2 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.615 ng
RT: 8.59 min Scan# 901
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion: 45 Resp: 61885
Ion Ratio Lower Upper
45 100
77 19.6 0.0 35.2
79 14.4 0.0 32.0

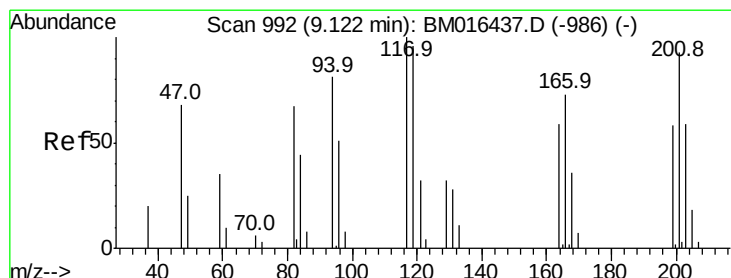
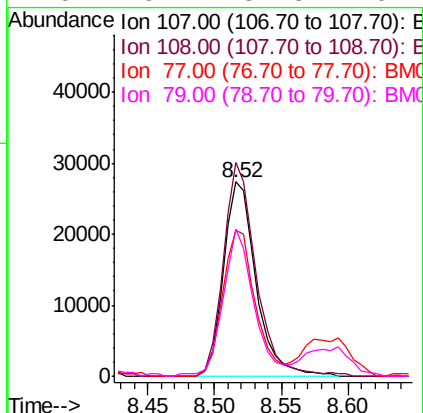
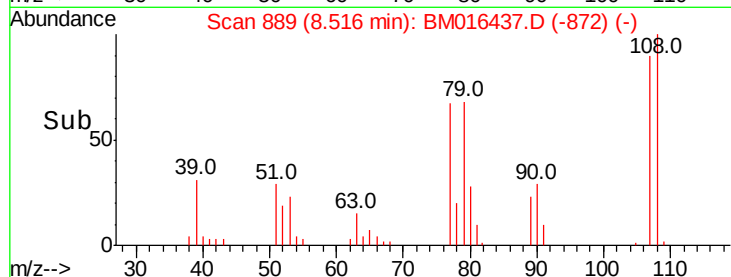
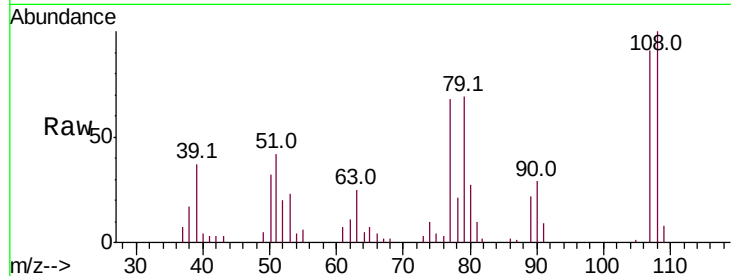




#17
2-Methylphenol
Concen: 41.115 ng
RT: 8.52 min Scan# 889
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

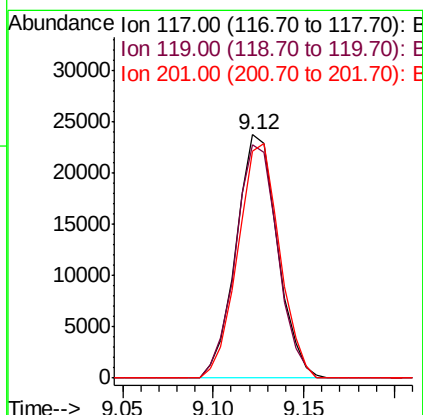
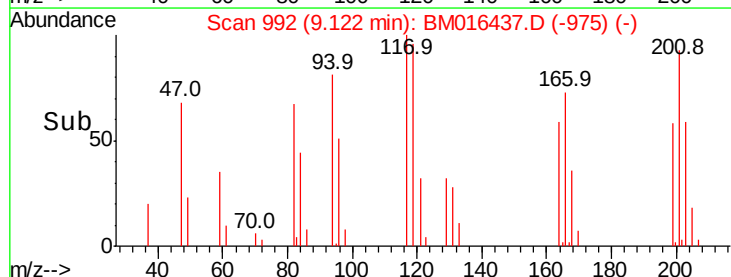
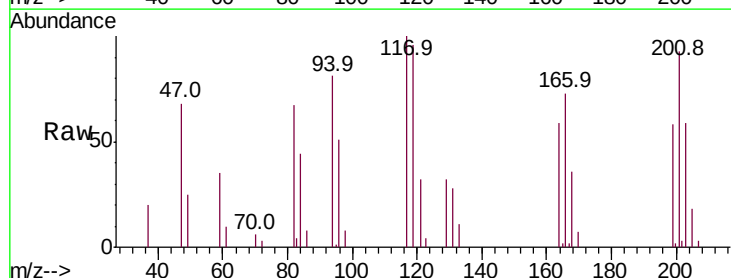
Instrument :
BNA_M
ClientSampled :

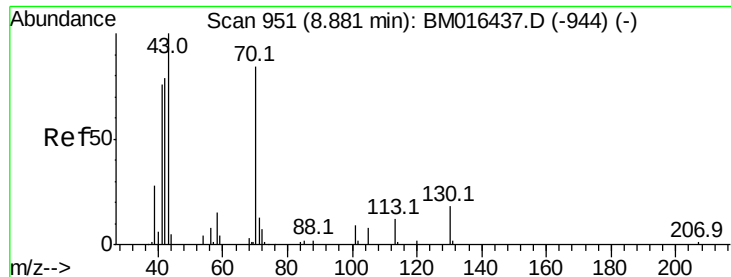
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	89.8	134.8
77	75.3	32.6	48.8#
79	75.7	32.8	49.2#



#18
Hexachloroethane
Concen: 48.345 ng
RT: 9.12 min Scan# 992
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	79.2	118.8
201	93.3	69.8	104.6

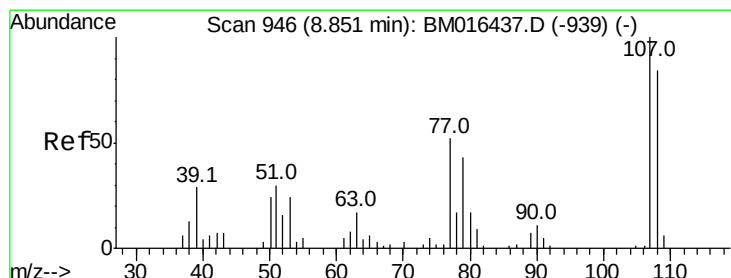
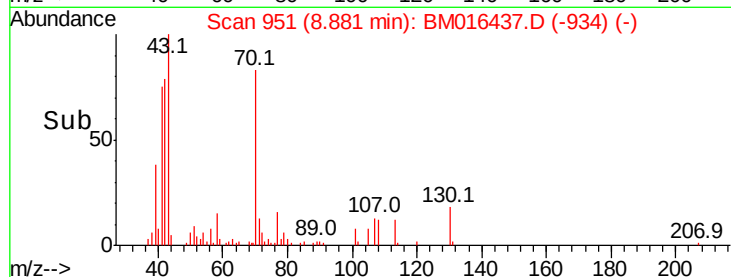
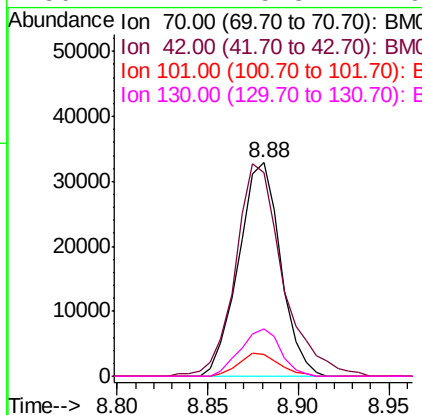
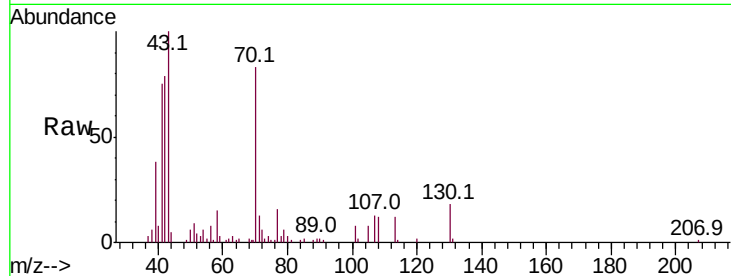




#19
n-Nitroso-di-n-propylamine
Concen: 43.328 ng
RT: 8.88 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

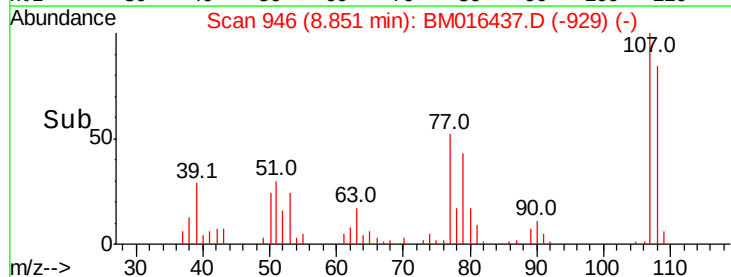
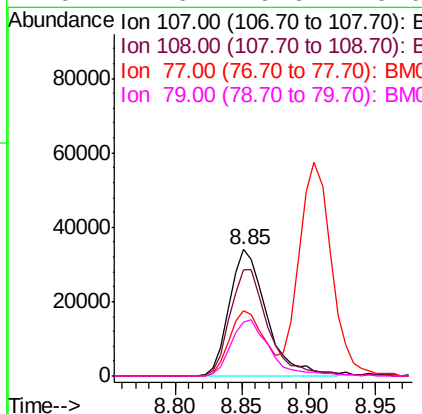
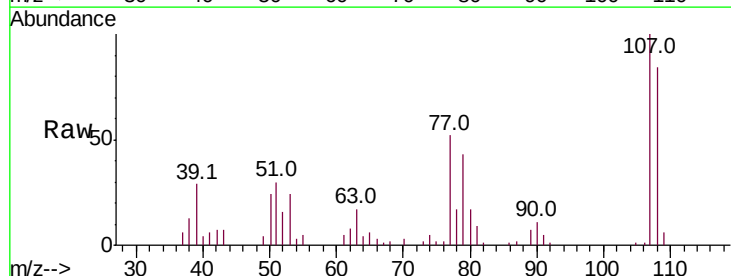
Instrument :
BNA_M
ClientSampled :

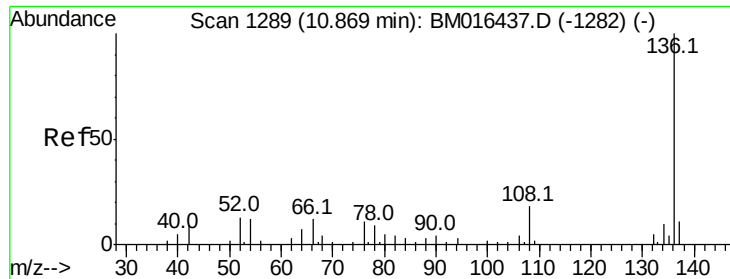
Tot Ion:	70	Resp:	52950
Ion	Ratio	Lower	Upper
70	100		
42	95.5	44.5	66.7#
101	10.2	7.4	11.2
130	22.1	15.3	22.9



#20
3+4-Methylphenols
Concen: 40.230 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion:	107	Resp:	66143
Ion	Ratio	Lower	Upper
107	100		
108	84.4	73.2	113.2
77	51.9	10.7	50.7#
79	42.6	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

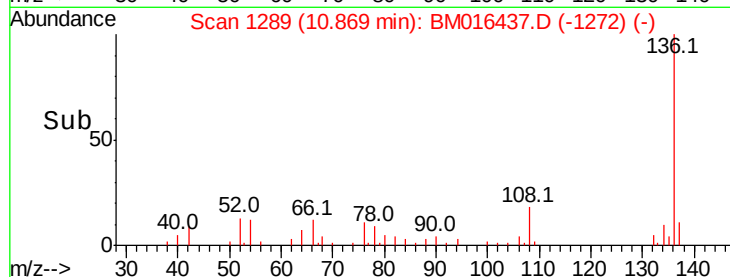
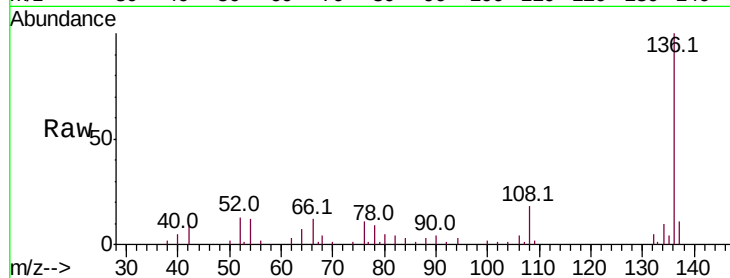
BNA_M

ClientSampleId :

Tot Ion:136 Resp: 87633

Ion Ratio Lower Upper

136	100		
137	10.8	8.7	13.1
54	12.1	4.6	6.8#
68	3.9	3.7	5.5



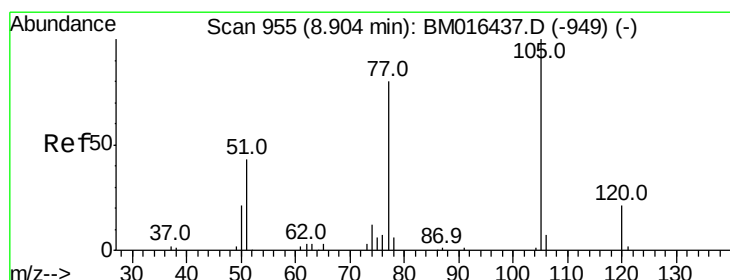
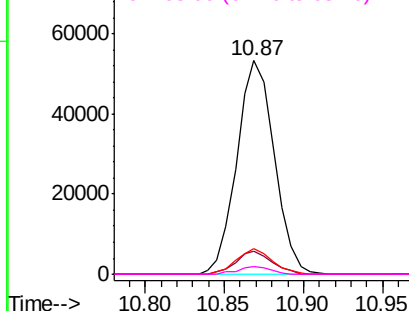
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 45.345 ng

RT: 8.90 min Scan# 955

Delta R.T. 0.00 min

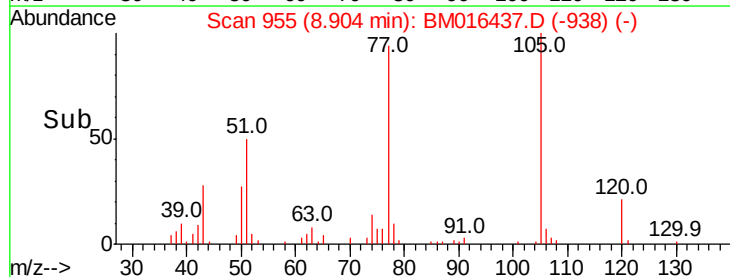
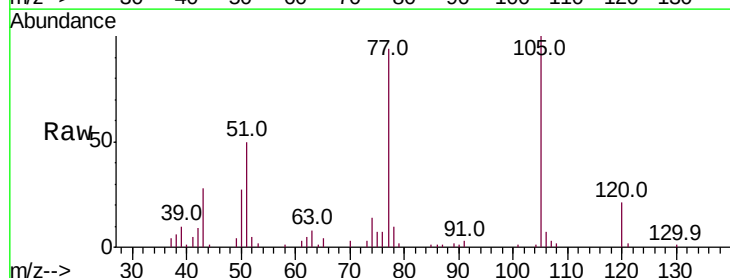
Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion:105 Resp: 100059

Ion Ratio Lower Upper

105	100		
71	0.0	0.6	1.0#
51	50.4	21.6	32.4#
120	21.4	16.1	24.1



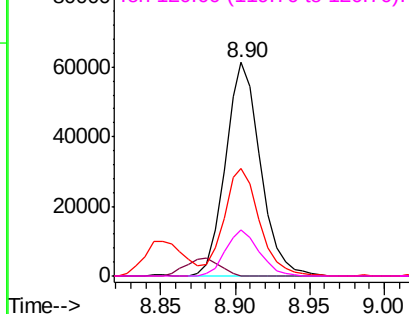
Abundance

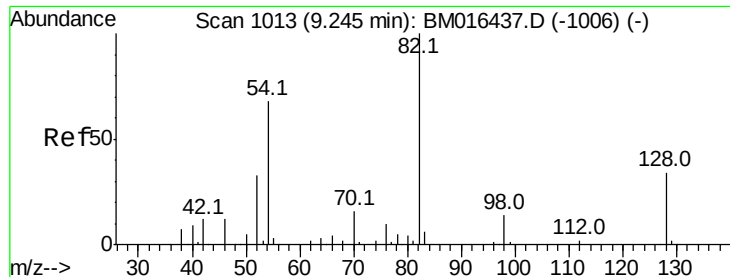
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

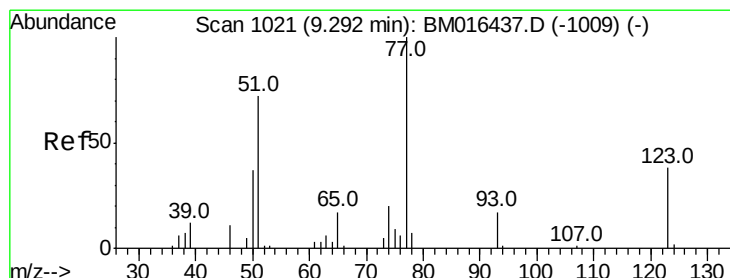
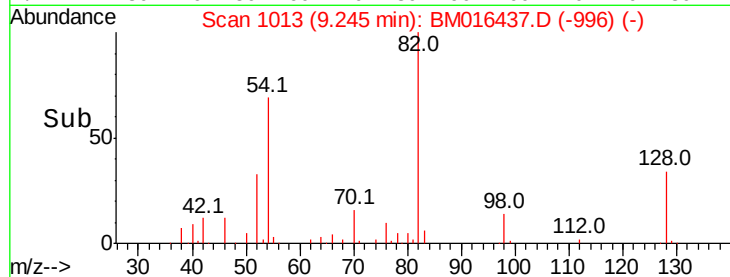
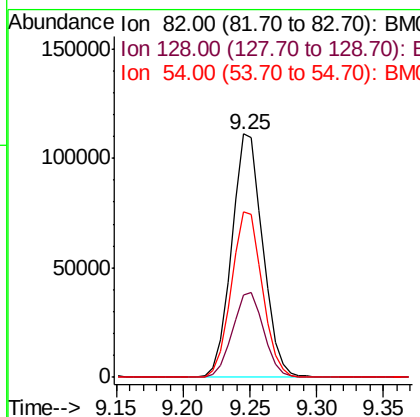
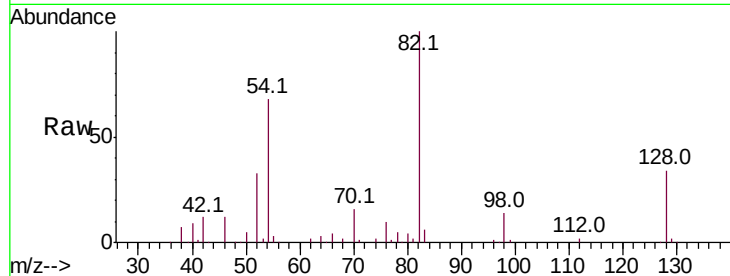




#23
 Nitrobenzene-d5
 Concen: 45.345 ng
 RT: 9.25 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

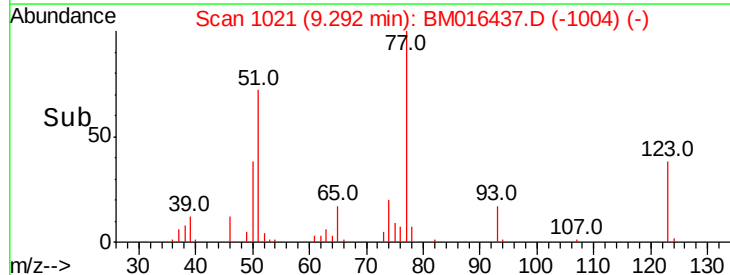
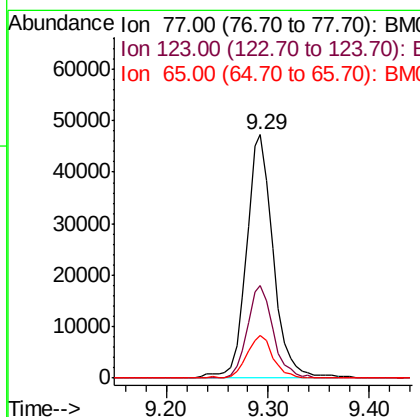
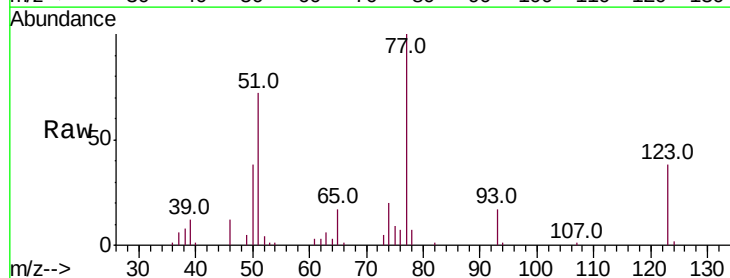
Instrument :
 BNA_M
 ClientSampled :

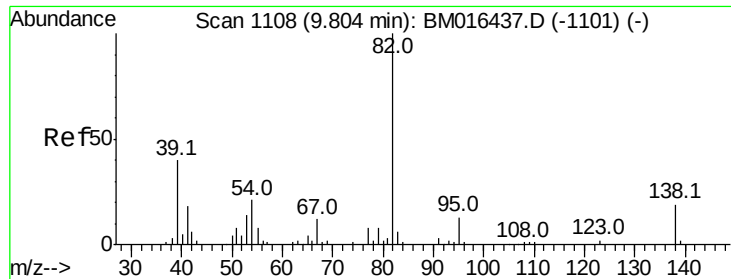
Tot Ion: 82 Resp: 180162
 Ion Ratio Lower Upper
 82 100
 128 33.7 32.8 49.2
 54 67.8 40.6 60.8#



#24
 Nitrobenzene
 Concen: 45.616 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion: 77 Resp: 86511
 Ion Ratio Lower Upper
 77 100
 123 37.8 32.6 49.0
 65 17.3 10.9 16.3#

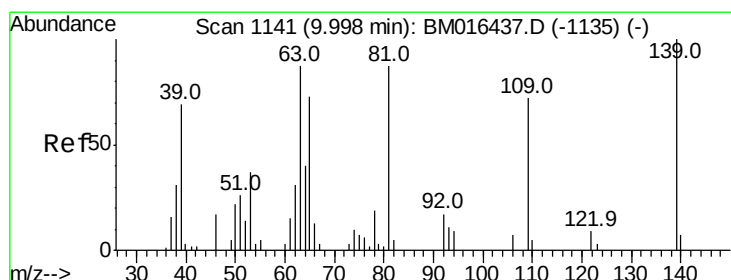
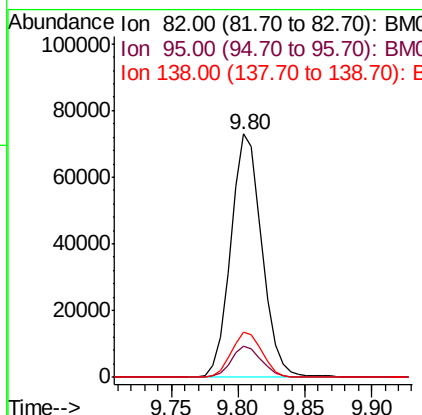
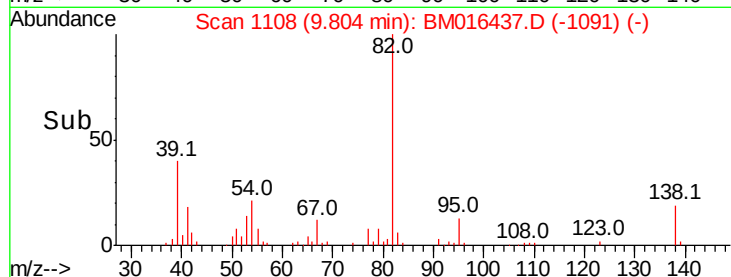
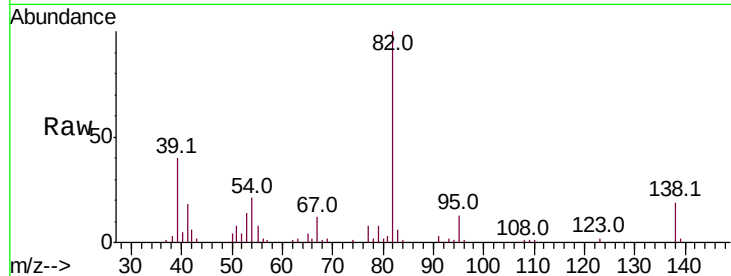




#25
Isophorone
Concen: 46.041 ng
RT: 9.80 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

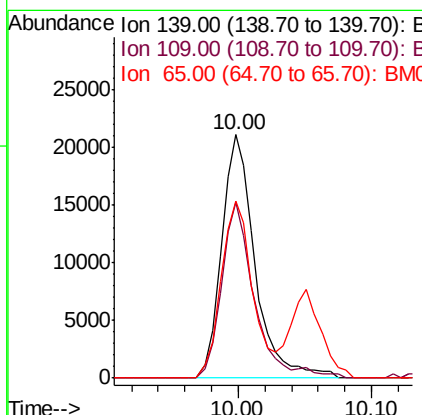
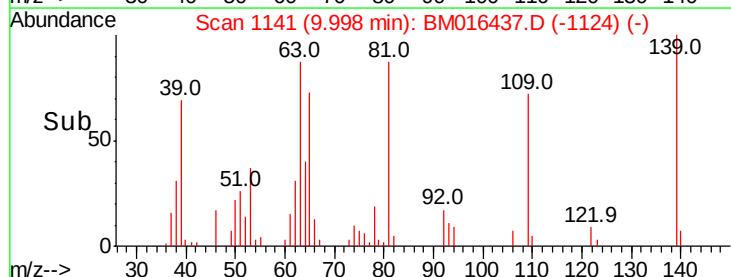
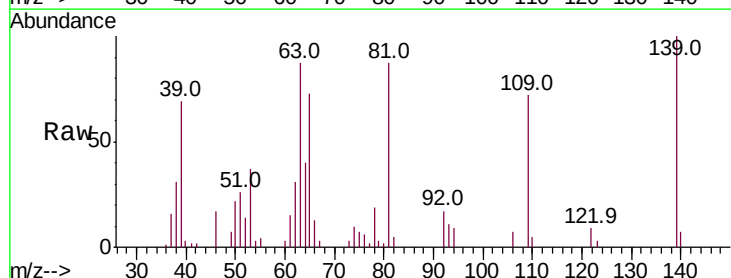
Instrument :
BNA_M
ClientSampled :

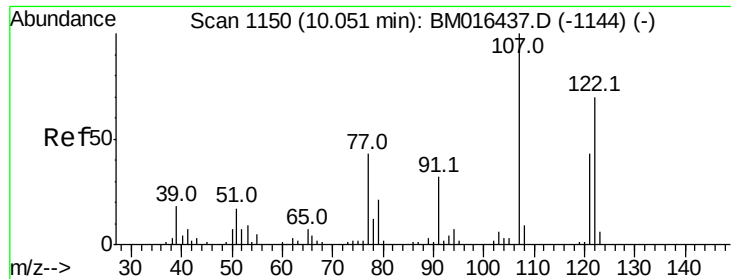
Tot Ion	82	Resp	118656
Ion	Ratio	Lower	Upper
82	100		
95	12.8	5.8	8.6#
138	18.7	16.3	24.5



#26
2-Nitrophenol
Concen: 46.666 ng
RT: 10.00 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	139	Resp	36945
Ion	Ratio	Lower	Upper
139	100		
109	72.1	20.1	30.1#
65	72.6	31.5	47.3#

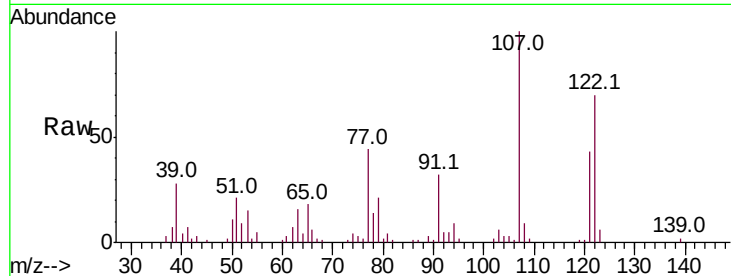




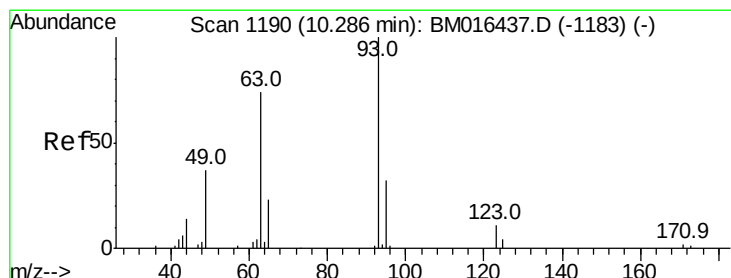
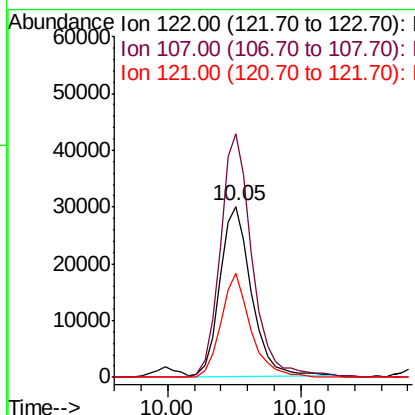
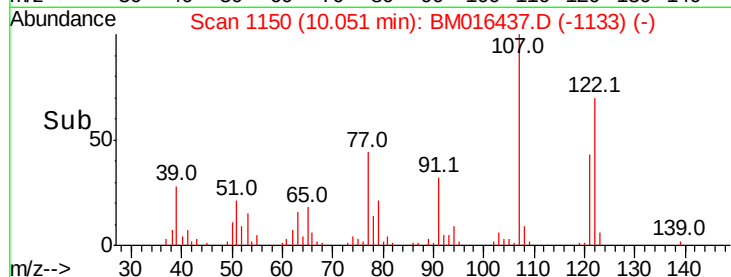
#27
 2,4-Dimethylphenol
 Concen: 44.742 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:122 Resp: 49350
 Ion Ratio Lower Upper
 122 100
 107 142.4 84.7 127.1#
 121 60.7 46.6 69.8

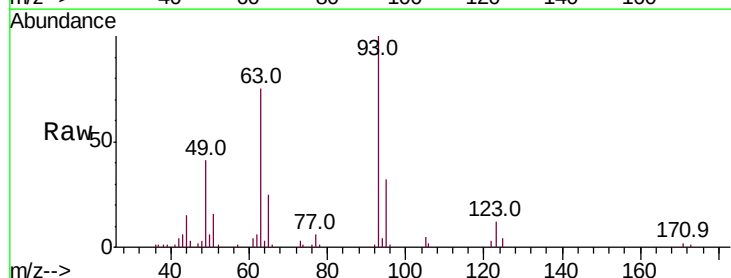


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

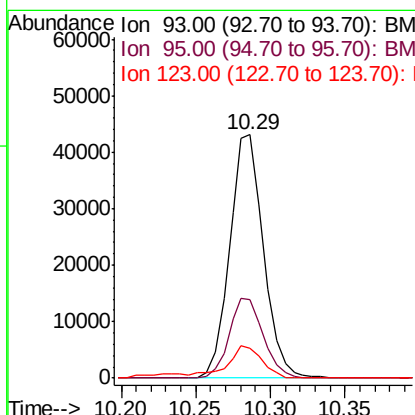
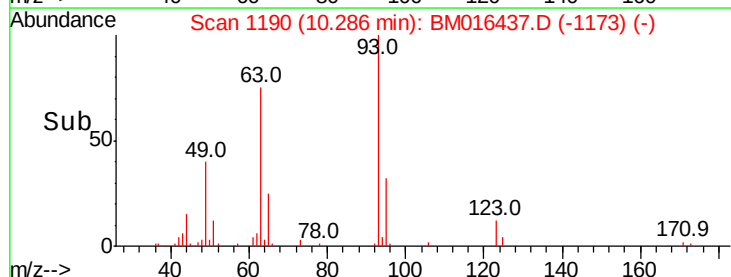


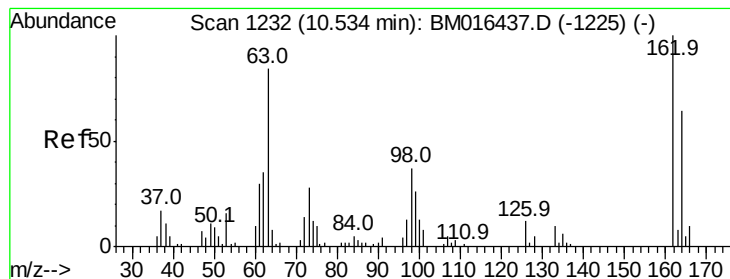
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.519 ng
 RT: 10.29 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion: 93 Resp: 67872
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.5 38.3
 123 12.0 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: 47.650 ng

RT: 10.53 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

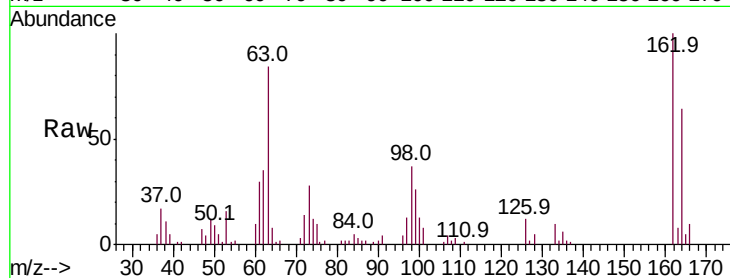
Tot Ion:162 Resp: 62453

Ion Ratio Lower Upper

162 100

164 64.2 42.8 82.8

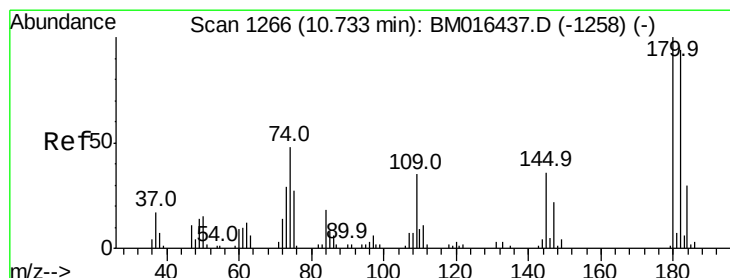
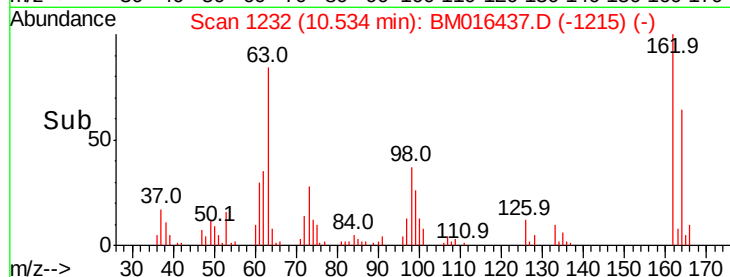
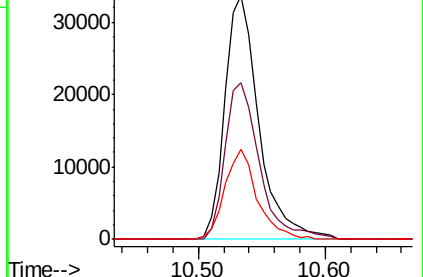
98 37.2 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 46.558 ng

RT: 10.73 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

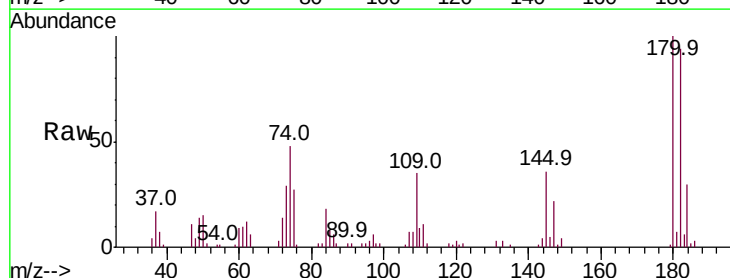
Tgt Ion:180 Resp: 74142

Ion Ratio Lower Upper

180 100

182 93.5 77.6 116.4

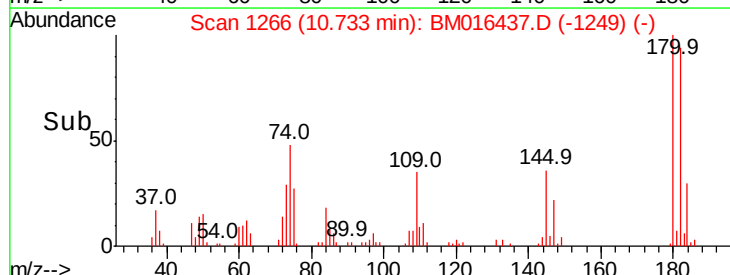
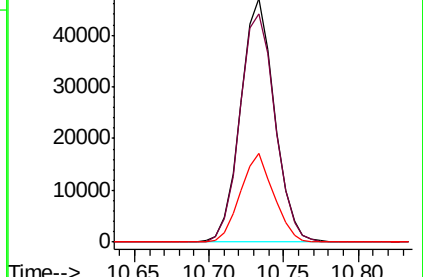
145 36.3 23.4 35.2#

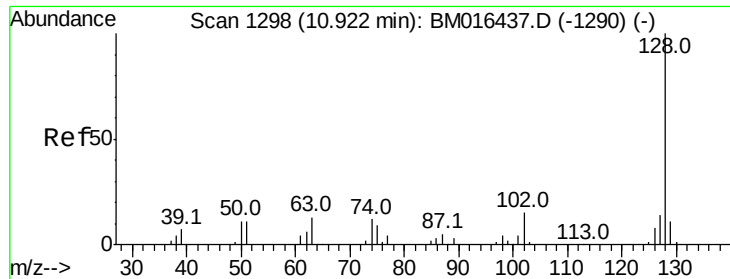


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

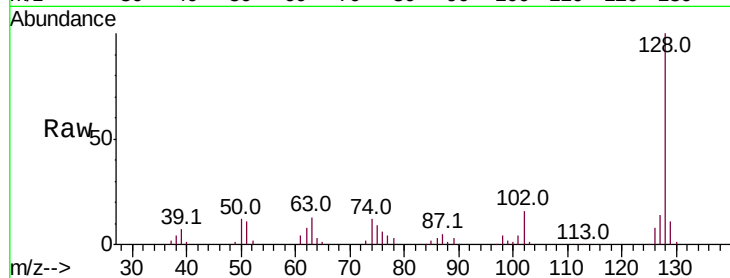




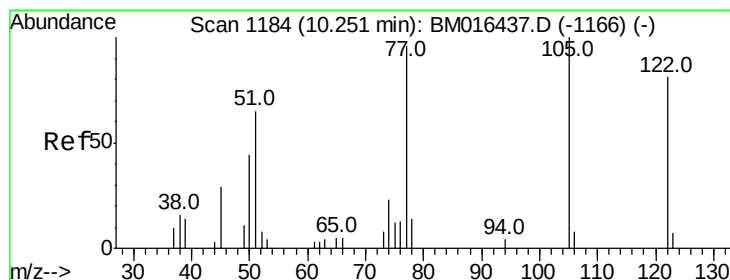
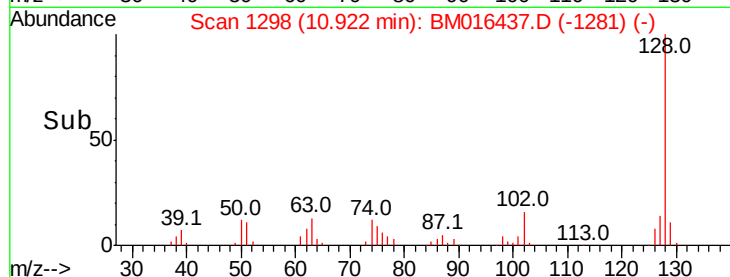
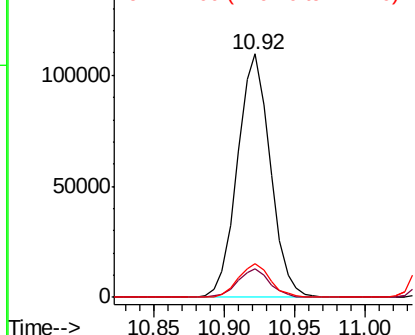
#31
Naphthalene
Concen: 40.251 ng
RT: 10.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 178520
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.8 10.4 15.6

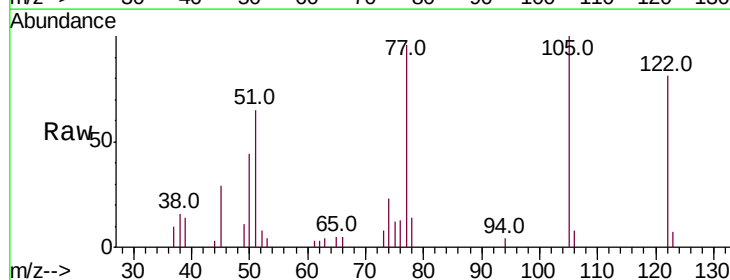


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

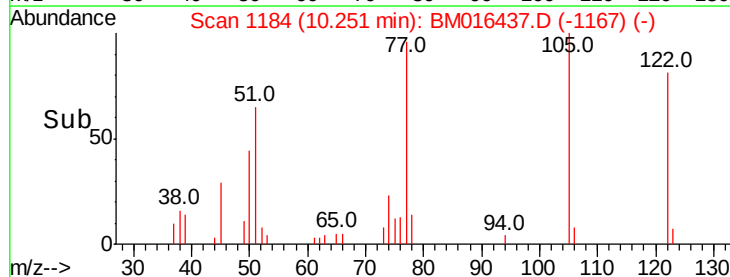
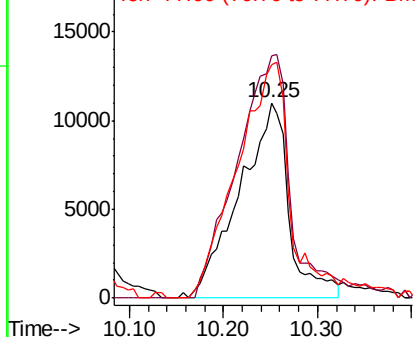


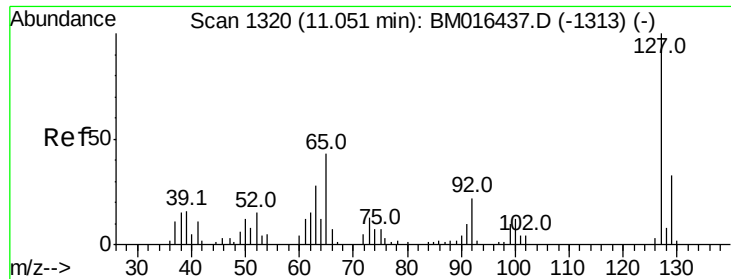
#32
Benzoic acid
Concen: 47.730 ng
RT: 10.25 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion:122 Resp: 40132
Ion Ratio Lower Upper
122 100
105 124.1 99.9 139.9
77 119.7 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

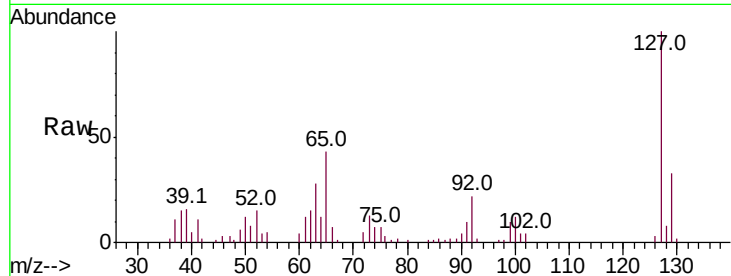




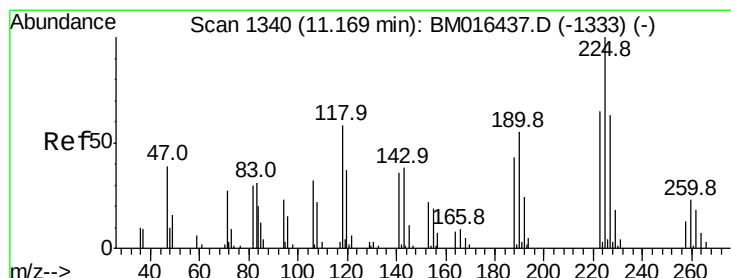
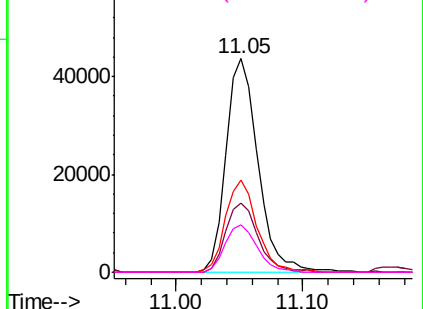
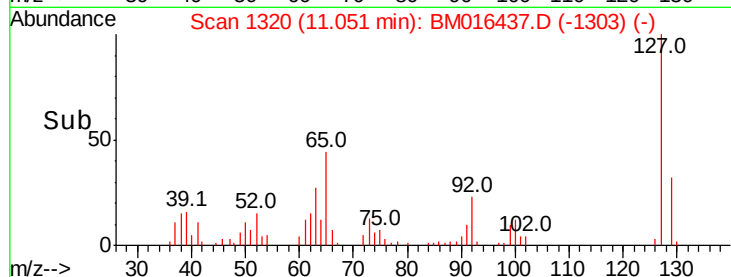
#33
4-Chloroaniline
Concen: 42.156 ng
RT: 11.05 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	76298
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.3	37.9
65	43.3	17.6	26.4
92	22.4	13.1	19.7

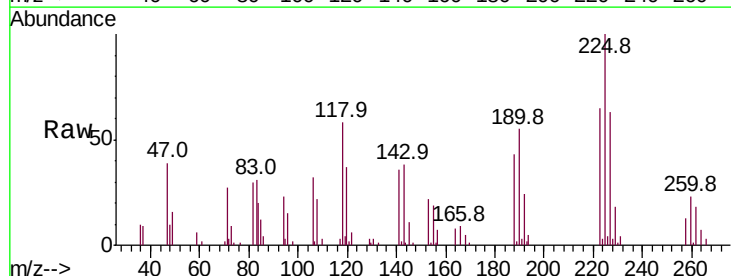


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

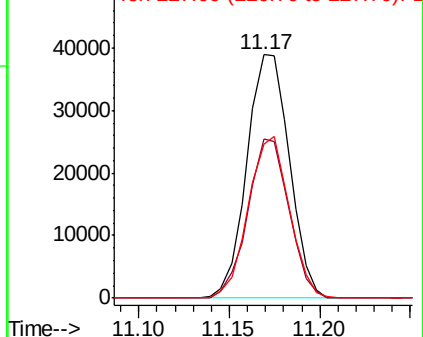
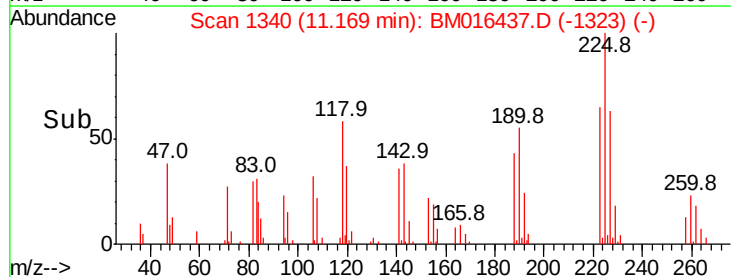


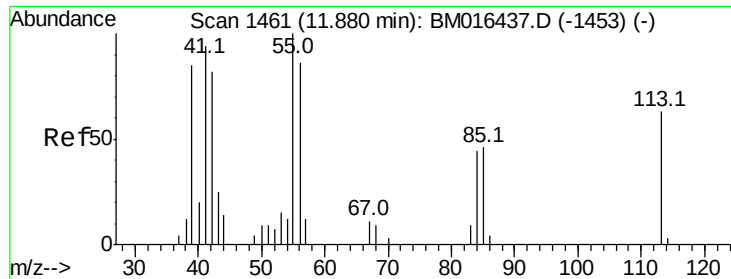
#34
Hexachlorobutadiene
Concen: 57.454 ng
RT: 11.17 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion:	225	Resp:	63465
Ion	Ratio	Lower	Upper
225	100		
223	65.1	47.9	71.9
227	63.2	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

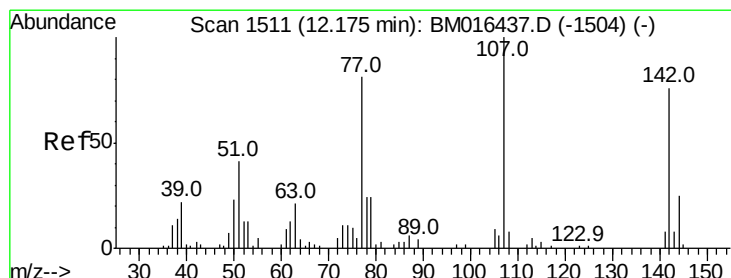
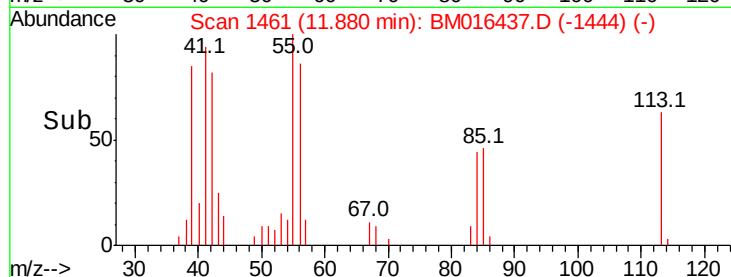
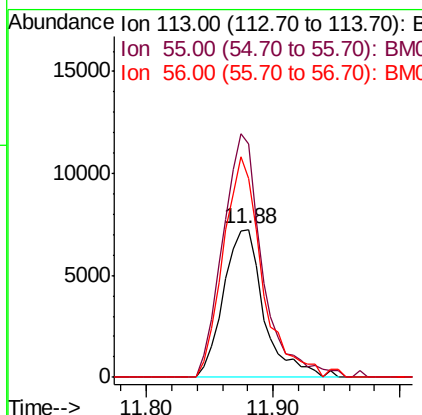
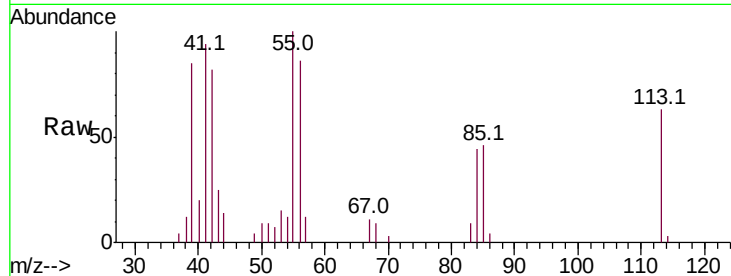




#35
 Caprolactam
 Concen: 43.999 ng
 RT: 11.88 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

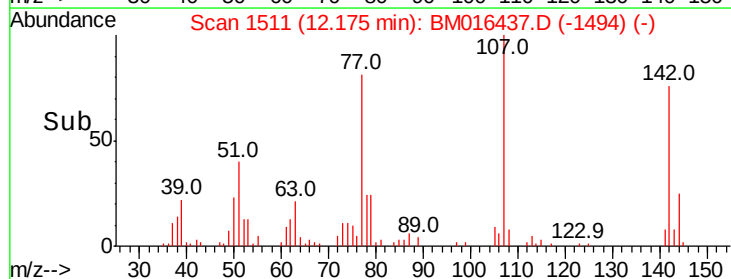
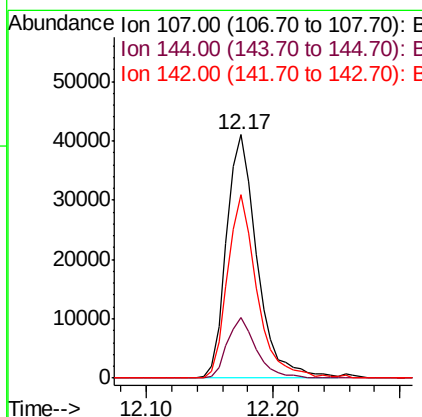
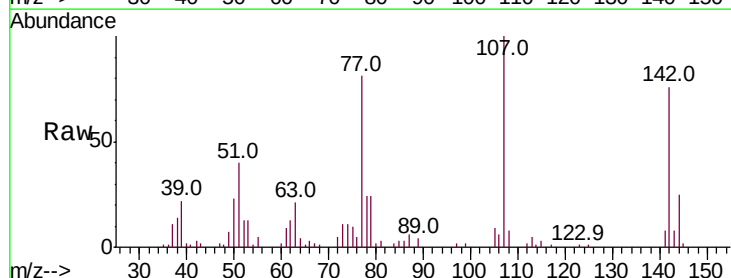
Instrument :
 BNA_M
 ClientSampleId :

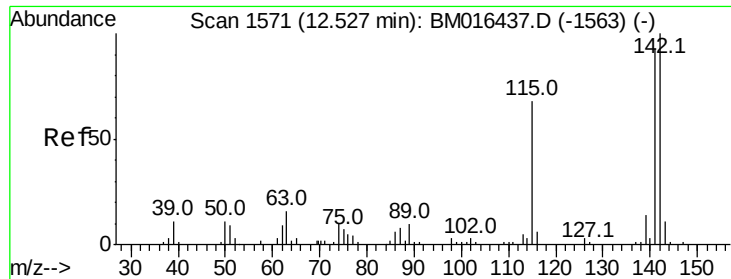
Tot Ion:113 Resp: 15972
 Ion Ratio Lower Upper
 113 100
 55 157.7 145.9 185.9
 56 135.0 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 47.758 ng
 RT: 12.17 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion:107 Resp: 68847
 Ion Ratio Lower Upper
 107 100
 144 25.0 23.3 34.9
 142 75.6 72.6 109.0

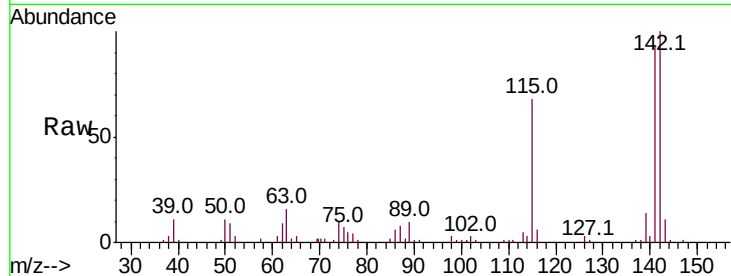




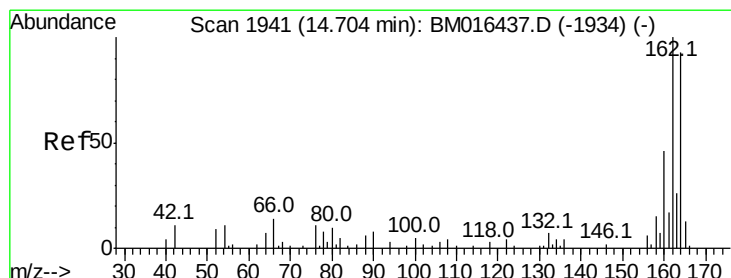
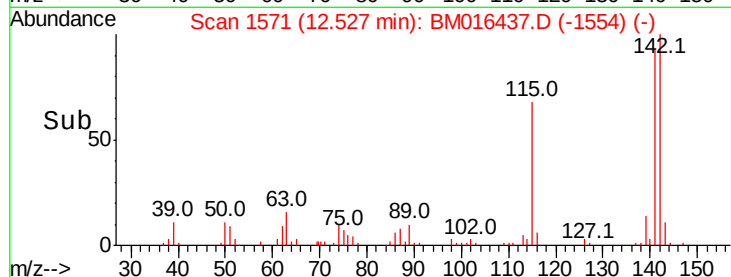
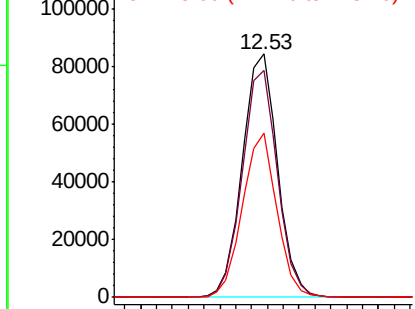
#37
 2-Methylnaphthalene
 Concen: 43.946 ng
 RT: 12.53 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:142 Resp: 130565
 Ion Ratio Lower Upper
 142 100
 141 93.2 71.9 107.9
 115 67.7 25.4 38.0#

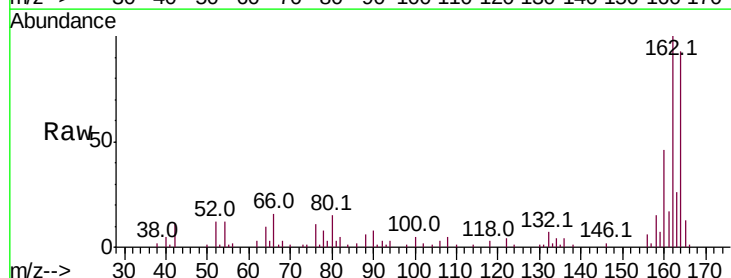


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

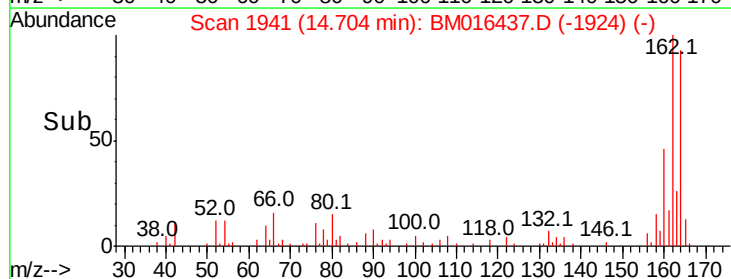
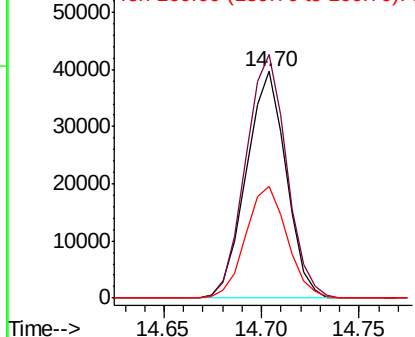


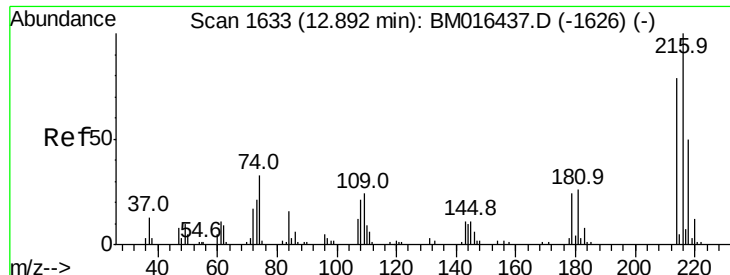
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion:164 Resp: 56132
 Ion Ratio Lower Upper
 164 100
 162 107.4 82.4 123.6
 160 49.1 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

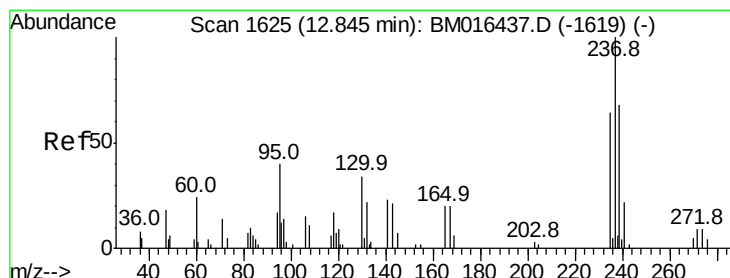
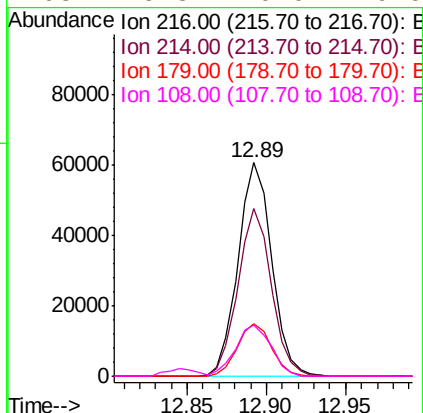
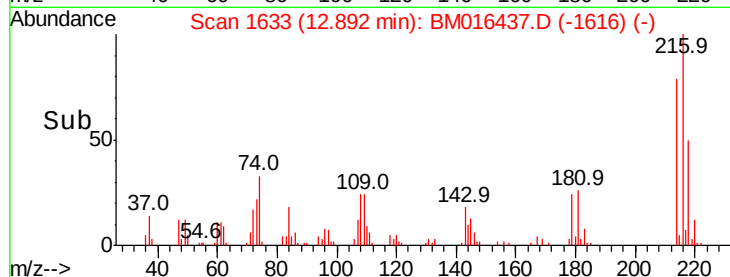
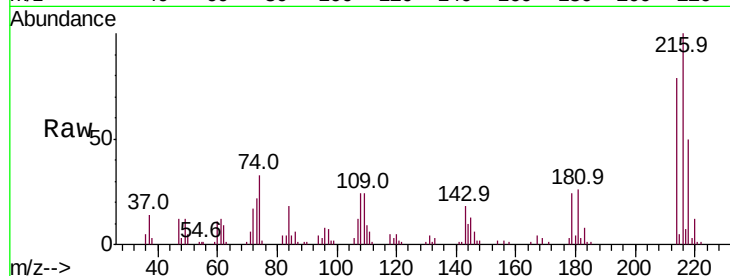




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.862 ng
 RT: 12.89 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

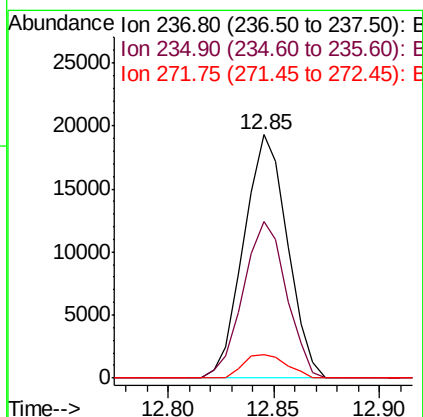
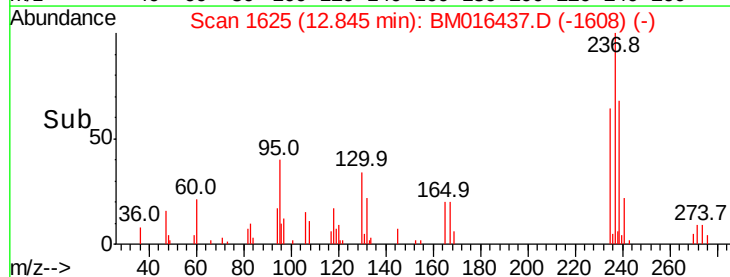
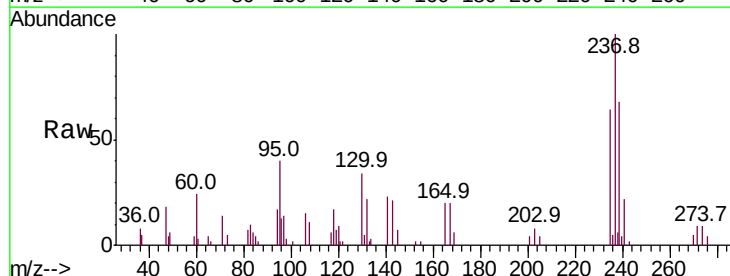
Instrument :
 BNA_M
 ClientSampleId :

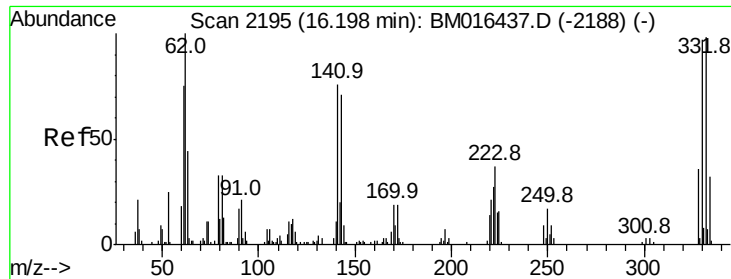
Tot Ion:	216	Resp:	89553
Ion Ratio	Lower	Upper	
216	100		
214	78.0	0.0	0.0#
179	24.8	0.0	0.0#
108	25.3	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 35.487 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion:	237	Resp:	27683
Ion Ratio	Lower	Upper	
237	100		
235	64.4	42.0	82.0
272	9.4	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 35.487 ng

RT: 16.20 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampled :

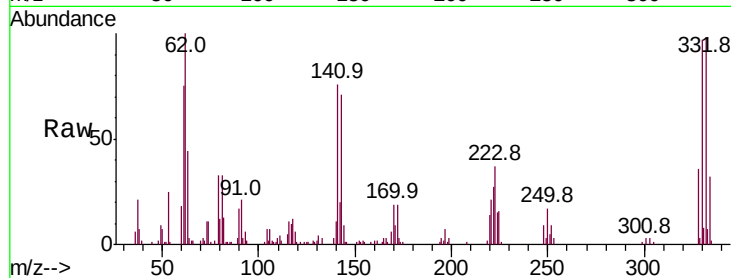
Tot Ion:330 Resp: 66387

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

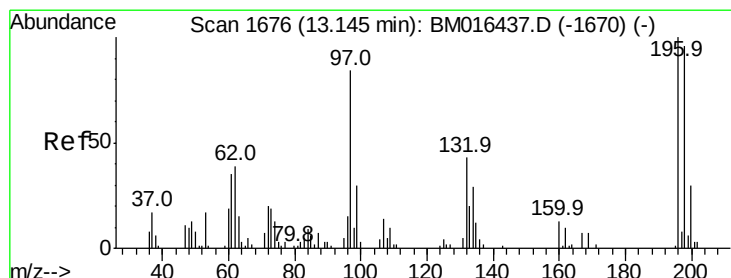
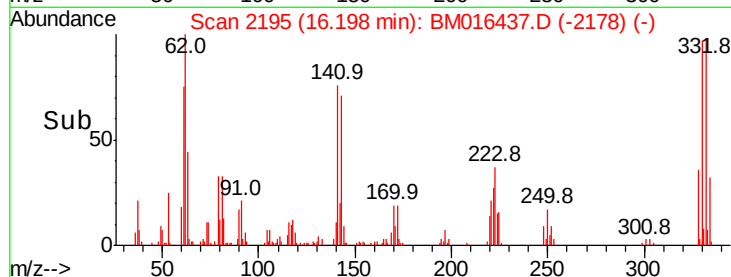
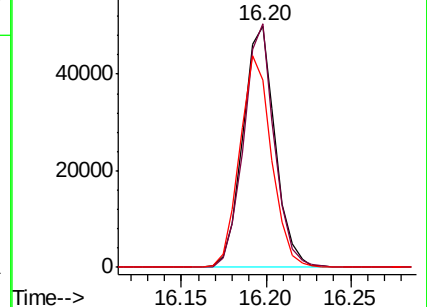
141 86.1 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 46.098 ng

RT: 13.15 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

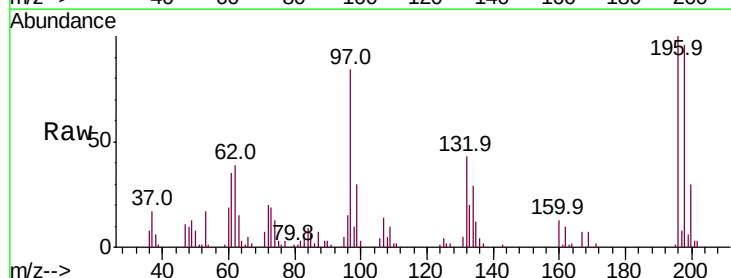
Tgt Ion:196 Resp: 55116

Ion Ratio Lower Upper

196 100

198 95.7 76.3 114.5

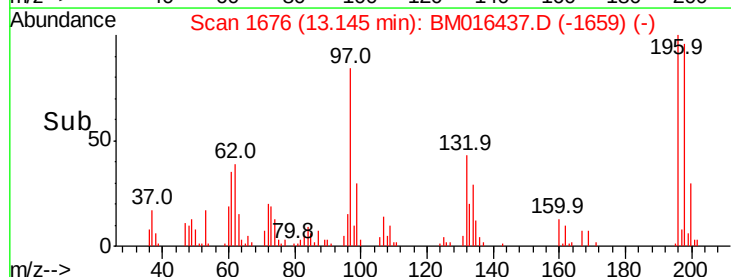
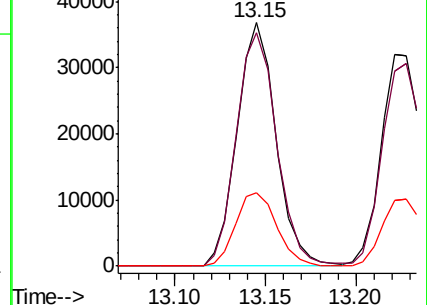
200 30.4 25.6 38.4

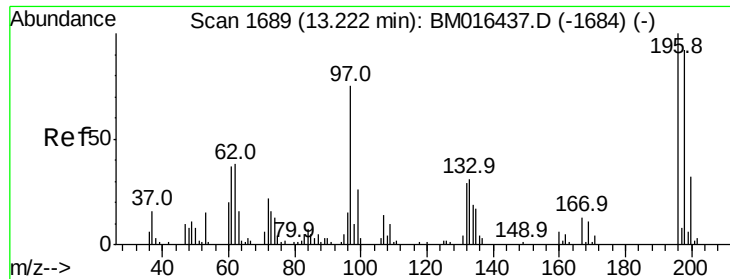


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

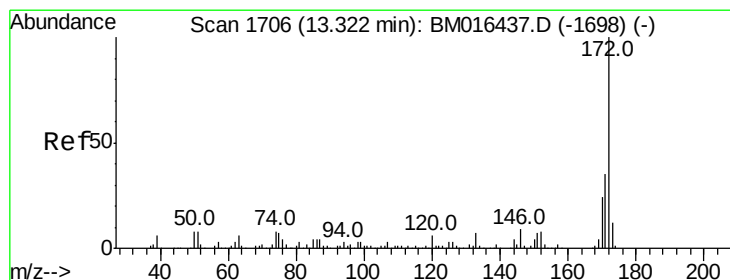
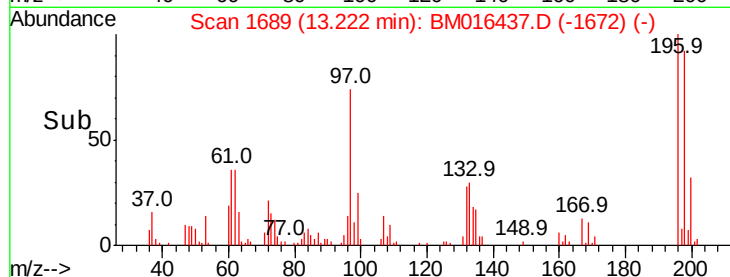
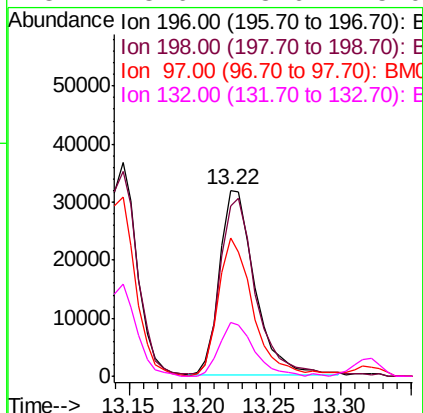
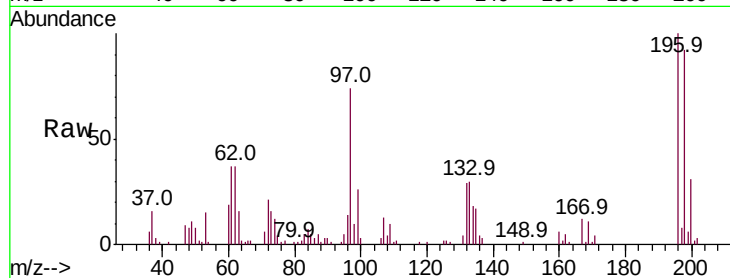




#43
 2,4,5-Trichlorophenol
 Concen: 44.619 ng
 RT: 13.22 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

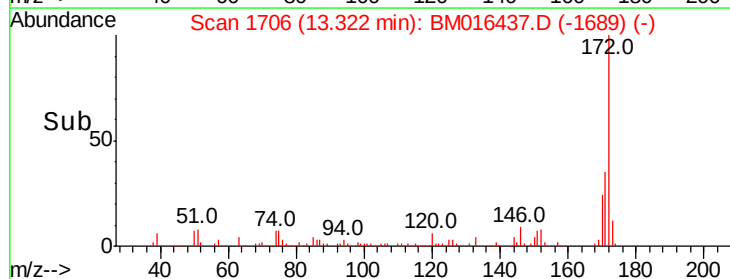
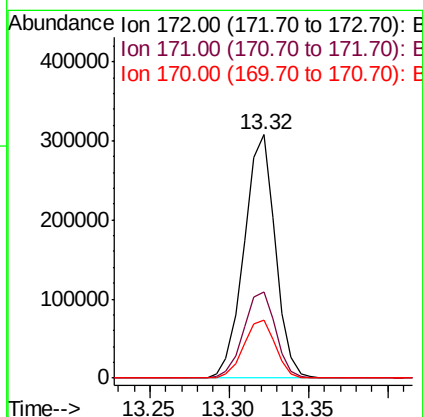
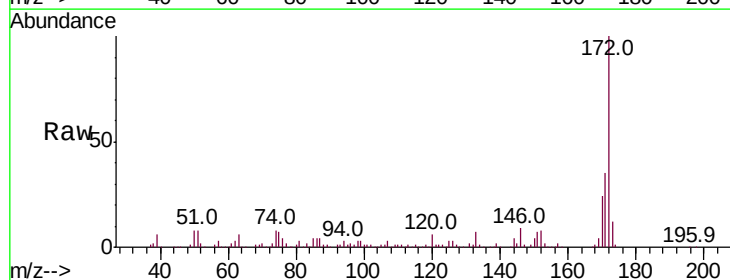
Instrument :
 BNA_M
 ClientSampled :

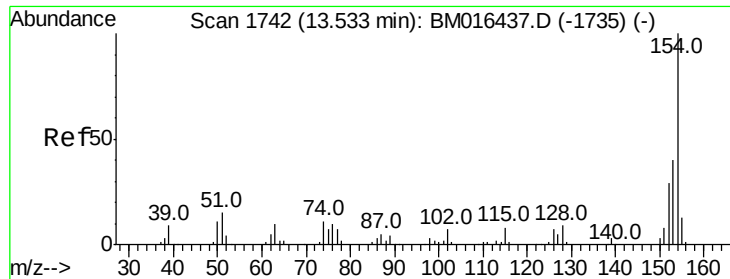
Tot Ion:196 Resp: 55028
 Ion Ratio Lower Upper
 196 100
 198 92.0 79.4 119.0
 97 74.3 26.8 40.2#
 132 28.6 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 44.619 ng
 RT: 13.32 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion:172 Resp: 420003
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.9 18.8 28.2

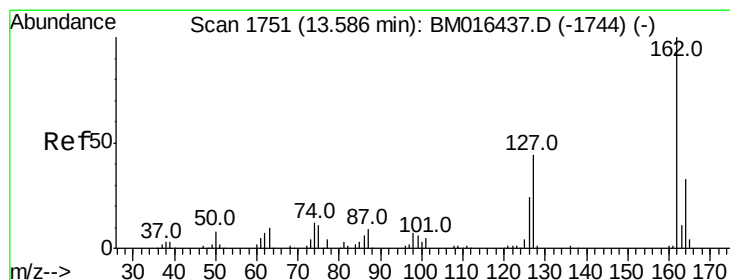
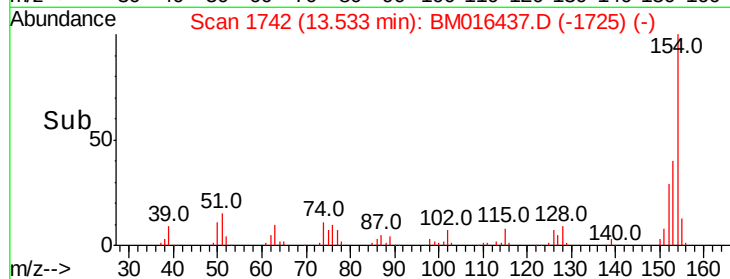
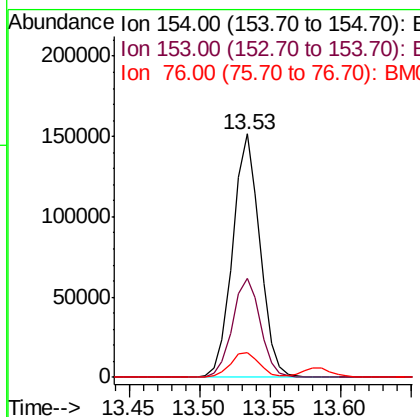
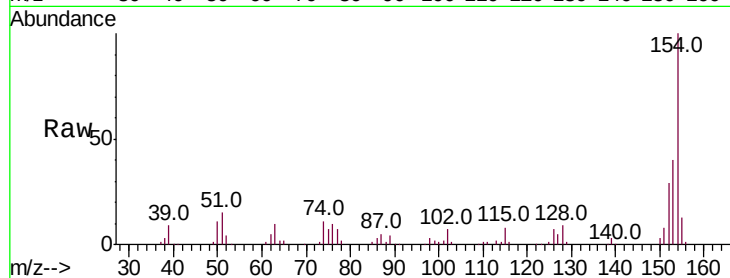




#45
 1,1'-Biphenyl
 Concen: 40.314 ng
 RT: 13.53 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

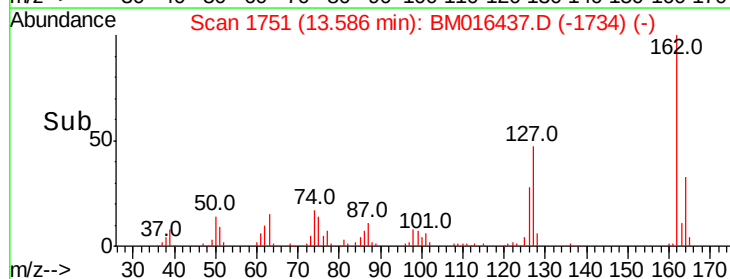
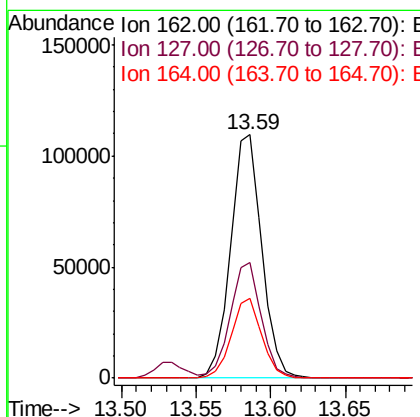
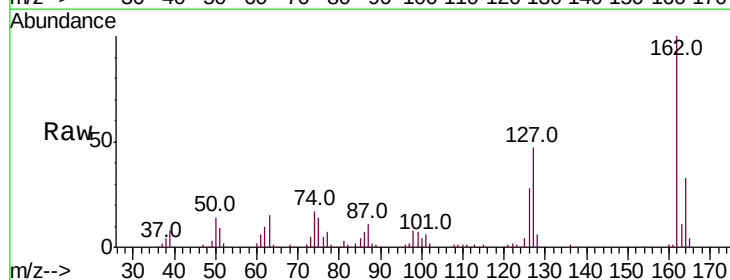
Instrument :
 BNA_M
 ClientSampleId :

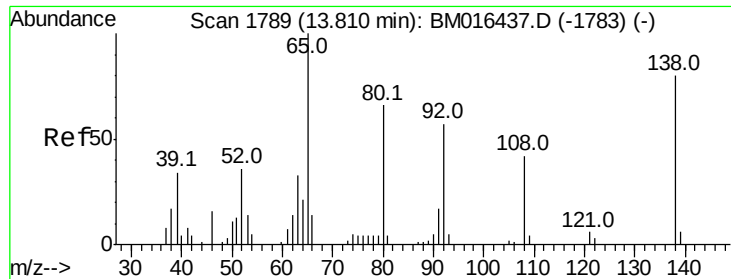
Tot Ion:	154	Resp:	204219
Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.7	60.7
76	10.3	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 40.653 ng
 RT: 13.59 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion:	162	Resp:	160175
Ion	Ratio	Lower	Upper
162	100		
127	47.3	26.9	40.3#
164	32.9	26.8	40.2

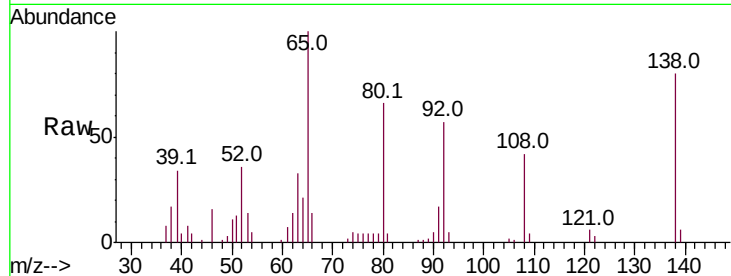




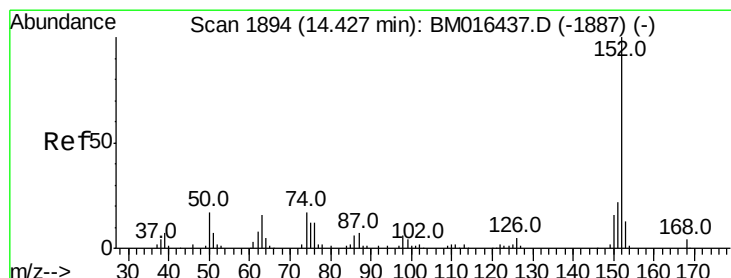
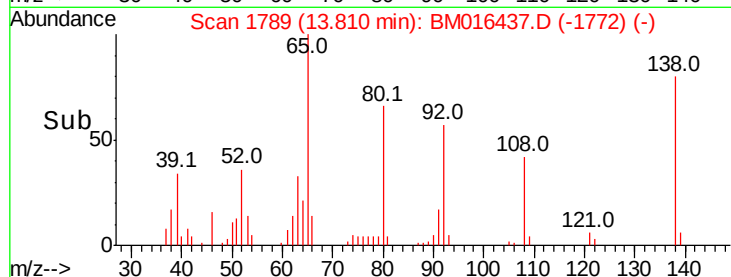
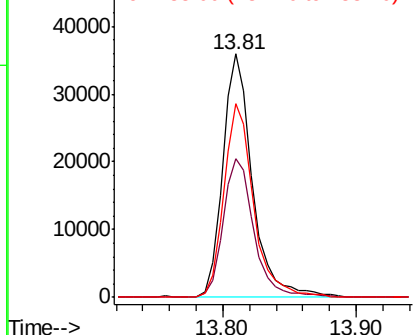
#47
2-Nitroaniline
Concen: 42.958 ng
RT: 13.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 65 Resp: 55958
Ion Ratio Lower Upper
65 100
92 56.9 59.1 88.7#
138 79.7 93.9 140.9#

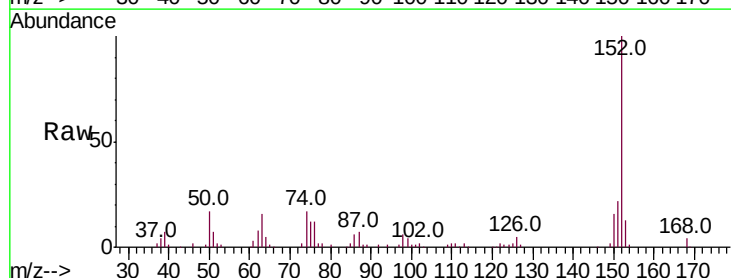


Abundance Ion 65.00 (64.70 to 65.70): BM016437.D (-1783) (-)
Ion 92.00 (91.70 to 92.70): BM016437.D (-1783) (-)
Ion 138.00 (137.70 to 138.70): BM016437.D (-1783) (-)

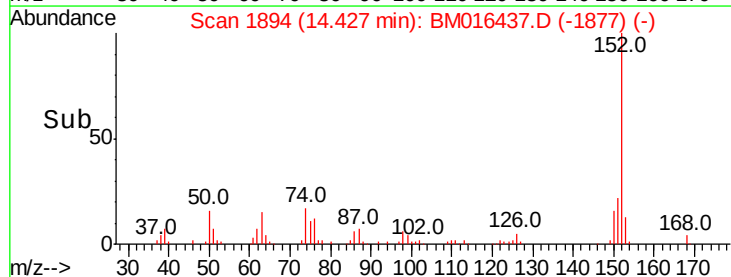
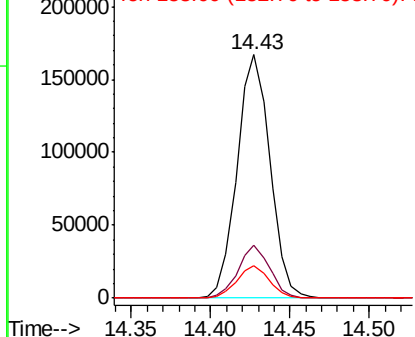


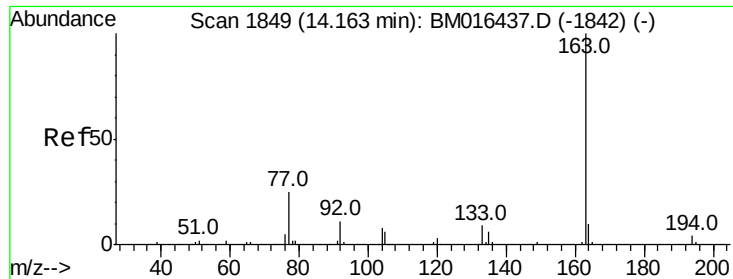
#48
Acenaphthylene
Concen: 41.604 ng
RT: 14.43 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion: 152 Resp: 239967
Ion Ratio Lower Upper
152 100
151 21.6 15.9 23.9
153 13.2 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) (-)

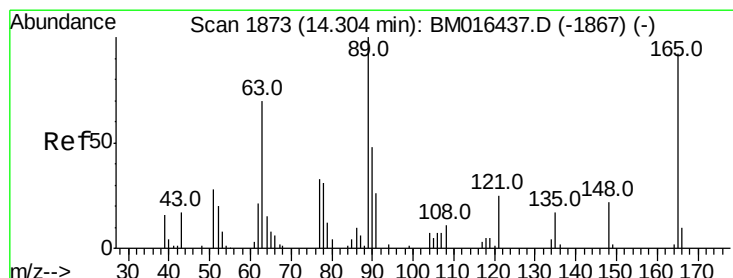
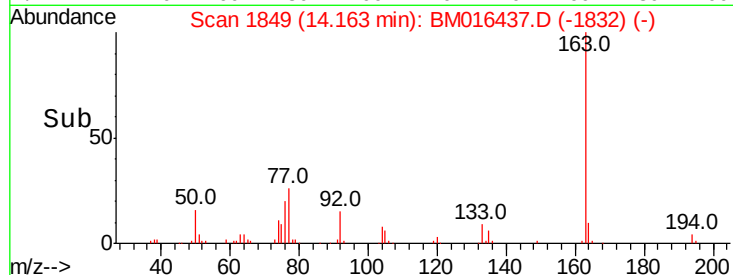
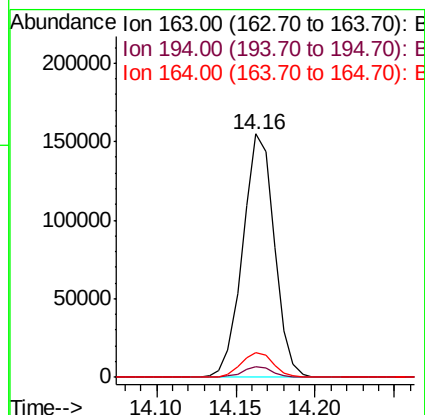
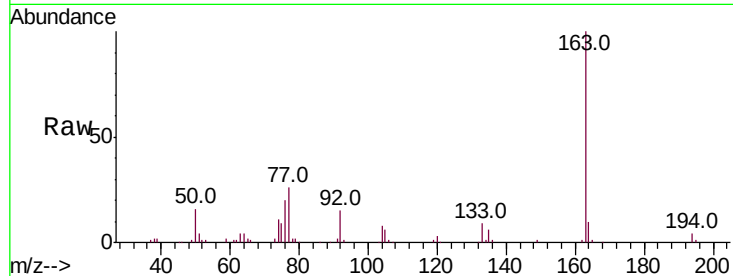




#49
Dimethylphthalate
Concen: 43.627 ng
RT: 14.16 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

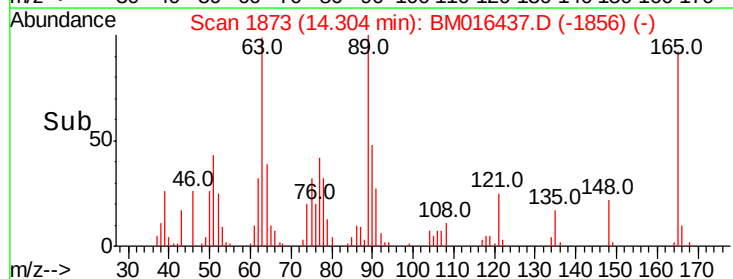
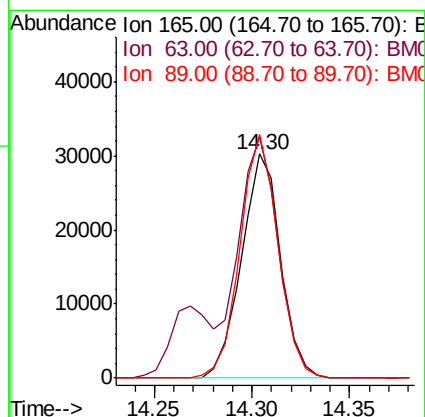
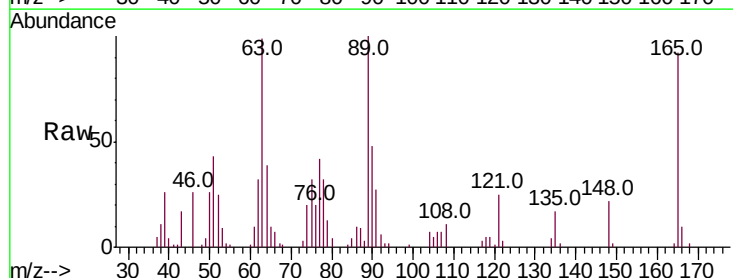
Instrument :
BNA_M
ClientSampleId :

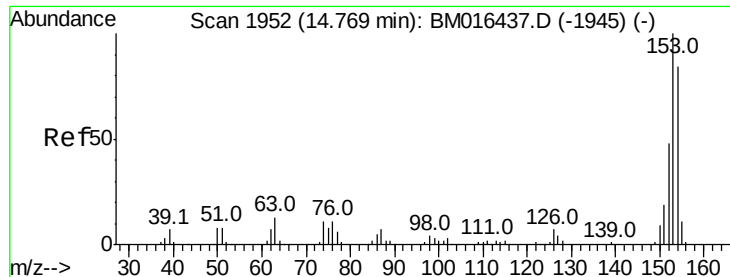
Tot Ion:163 Resp: 214313
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.0 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 42.270 ng
RT: 14.30 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion:165 Resp: 41780
Ion Ratio Lower Upper
165 100
63 107.7 44.1 66.1#
89 108.6 44.3 66.5#





#51

Acenaphthene

Concen: 40.905 ng

RT: 14.77 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

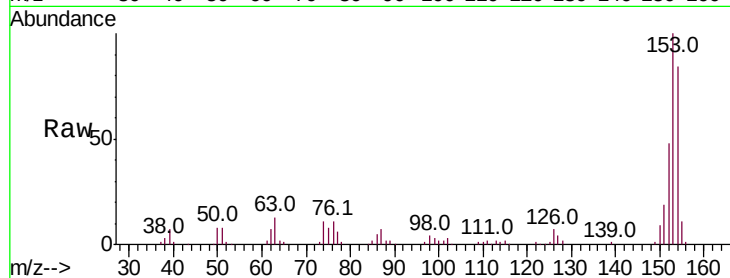
Tot Ion:154 Resp: 145105

Ion Ratio Lower Upper

154 100

153 118.7 90.0 135.0

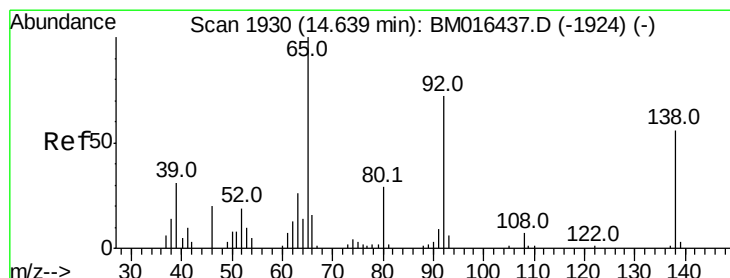
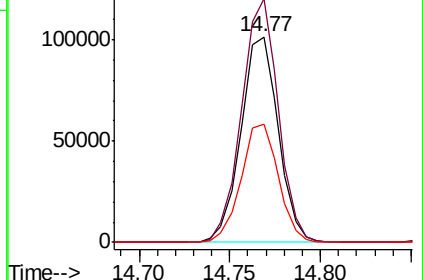
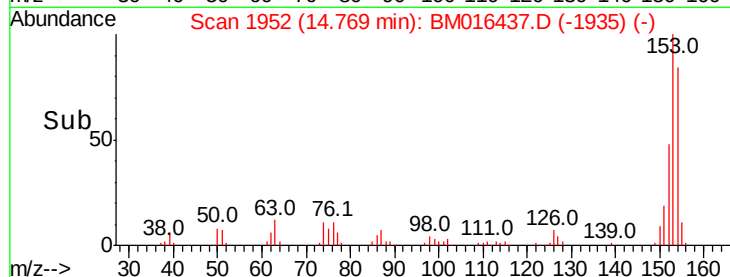
152 57.5 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.549 ng

RT: 14.64 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

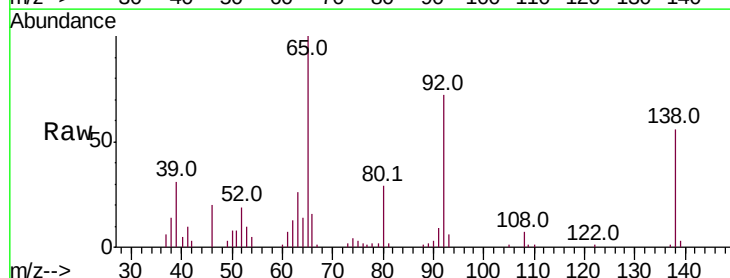
Tgt Ion:138 Resp: 41154

Ion Ratio Lower Upper

138 100

108 11.7 7.3 10.9#

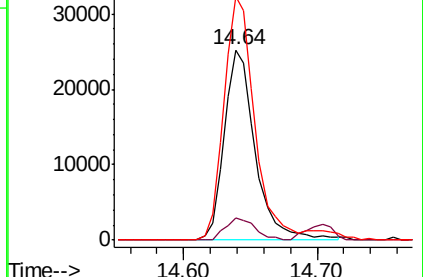
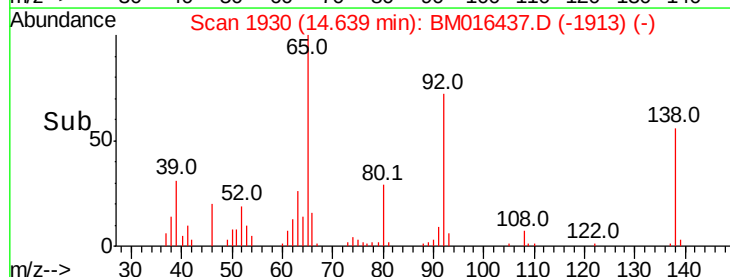
92 128.1 76.6 114.8#

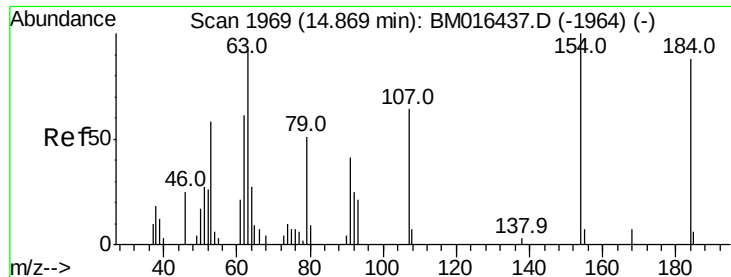


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

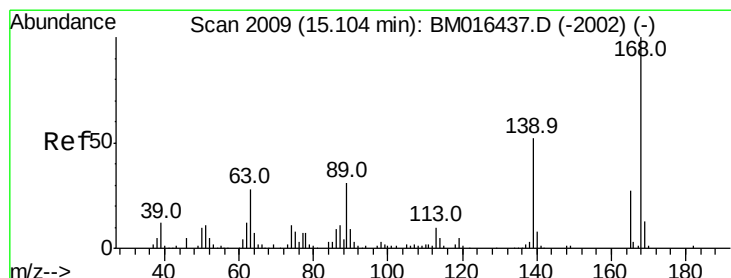
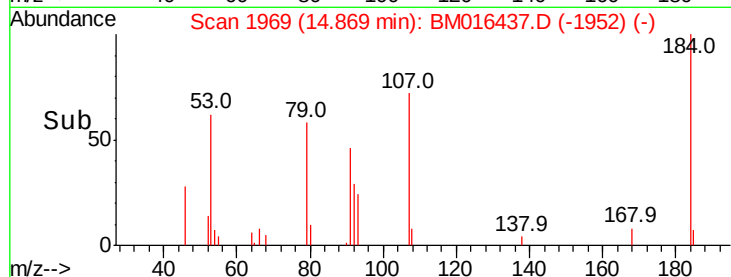
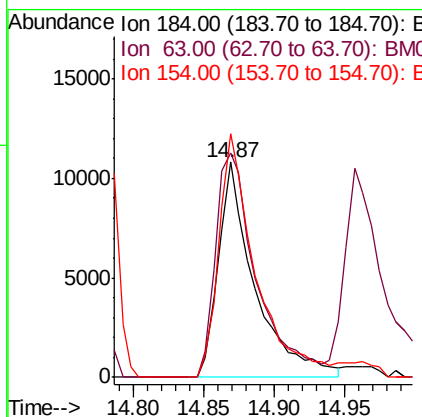
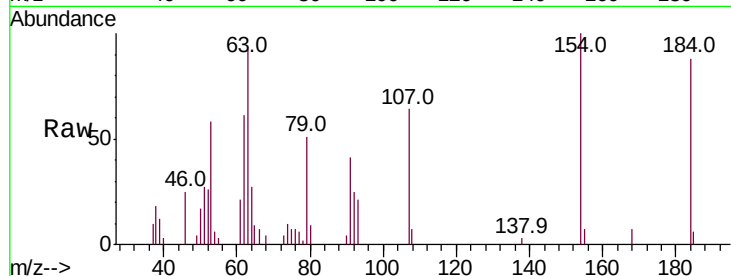




#53
 2,4-Dinitrophenol
 Concen: 52.900 ng
 RT: 14.87 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

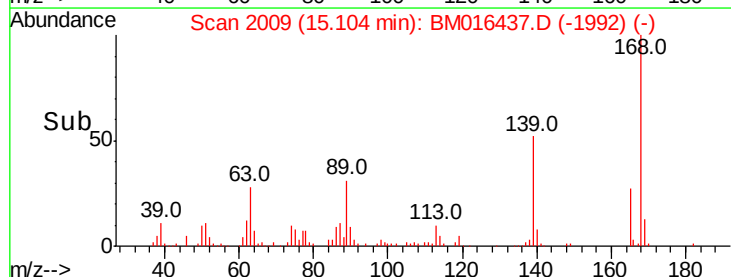
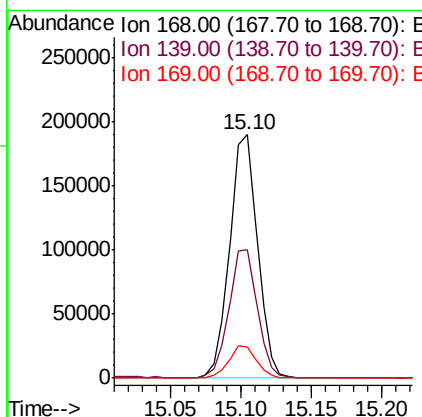
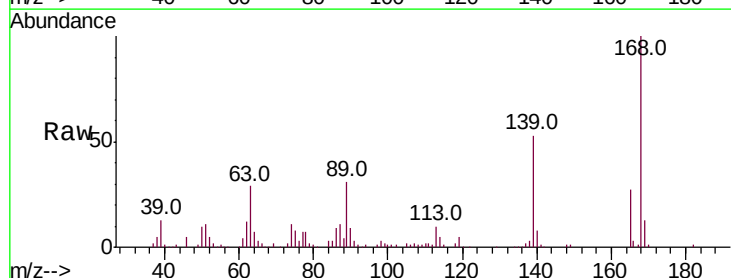
Instrument :
 BNA_M
 ClientSampled :

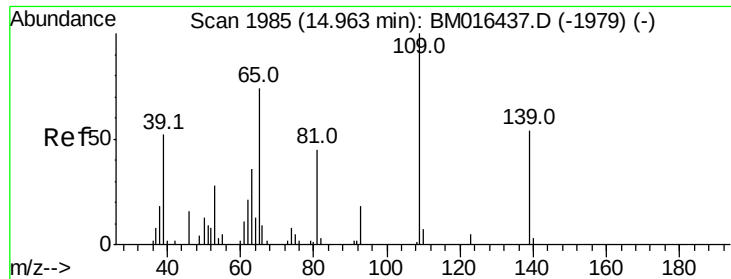
Tot Ion:184 Resp: 19492
 Ion Ratio Lower Upper
 184 100
 63 104.5 69.2 103.8#
 154 113.1 53.3 79.9#



#54
 Dibenzofuran
 Concen: 44.819 ng
 RT: 15.10 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion:168 Resp: 262000
 Ion Ratio Lower Upper
 168 100
 139 52.6 27.3 40.9#
 169 12.9 10.6 16.0





#55

4-Nitrophenol

Concen: 34.933 ng

RT: 14.96 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

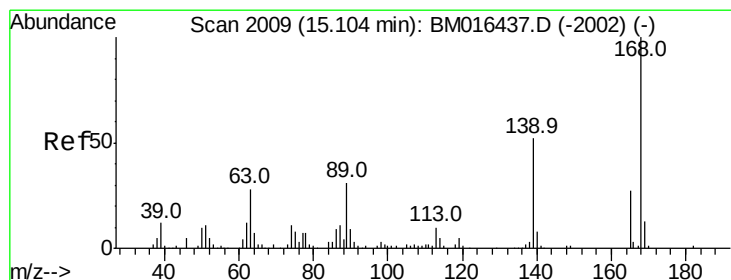
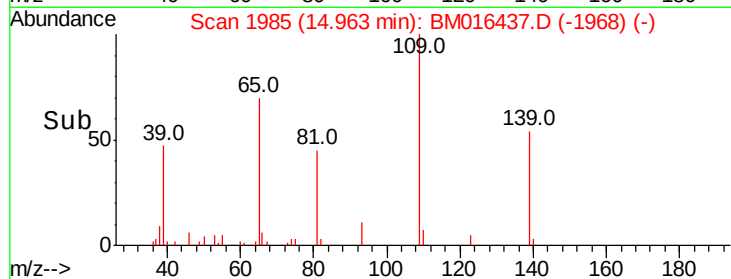
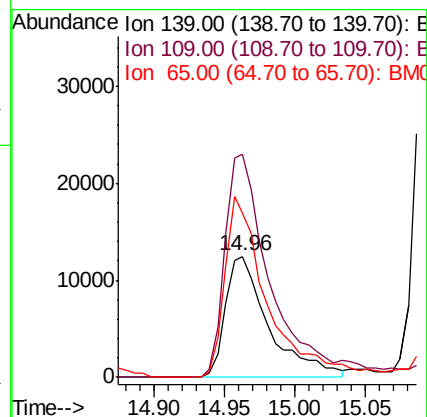
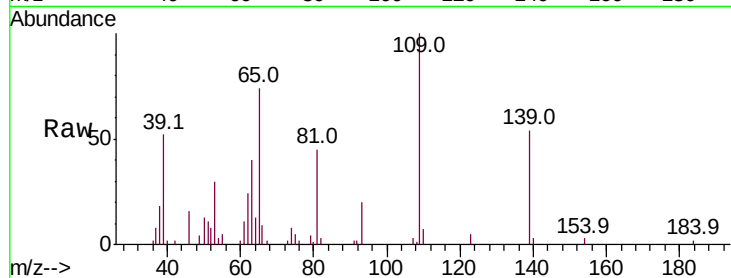
Tot Ion:139 Resp: 26735

Ion Ratio Lower Upper

139 100

109 184.6 130.0 170.0#

65 136.0 130.0 170.0



#56

2,4-Dinitrotoluene

Concen: 48.279 ng

RT: 15.10 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion:165 Resp: 68232

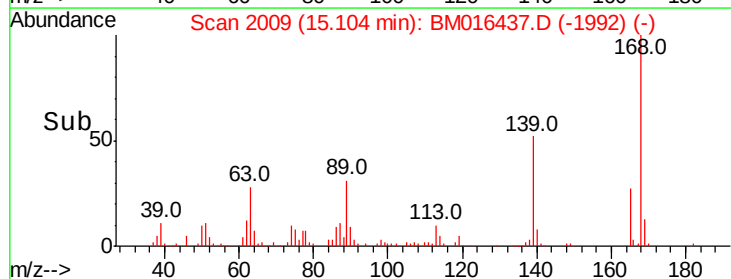
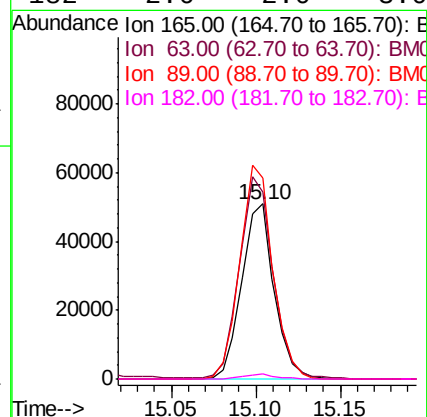
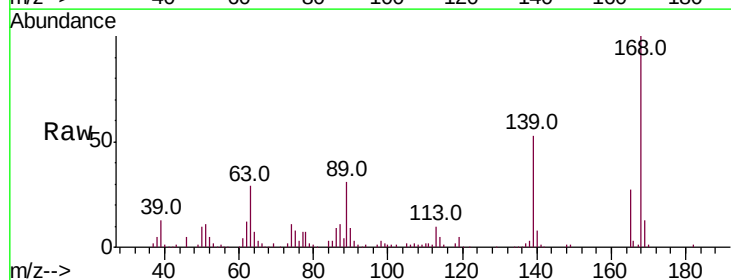
Ion Ratio Lower Upper

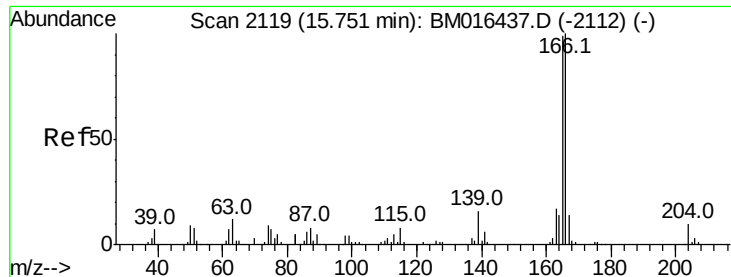
165 100

63 107.1 52.4 78.6#

89 114.7 72.4 108.6#

182 2.6 2.0 3.0

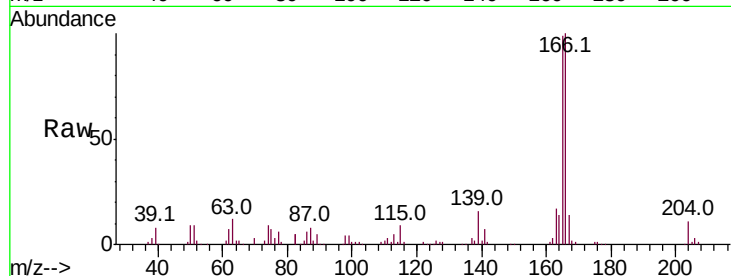




#57
 Fluorene
 Concen: 45.838 ng
 RT: 15.75 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.4
167	13.6	10.3	15.5

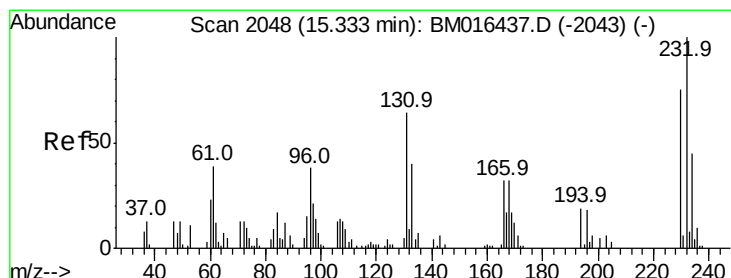
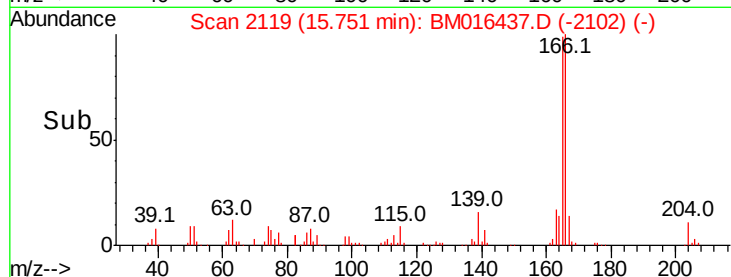
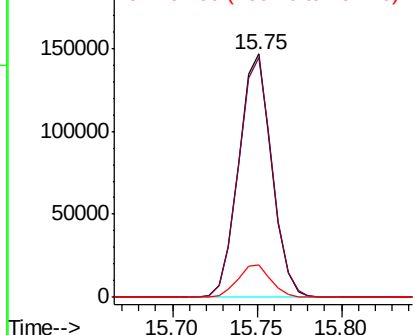


Abundance

Ion 166.00 (165.70 to 166.70): E

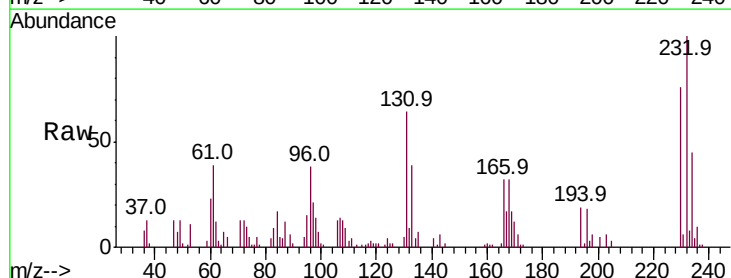
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.404 ng
 RT: 15.33 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	65.7	0.0	0.0#
130	5.4	0.0	0.0#
166	35.7	0.0	0.0#



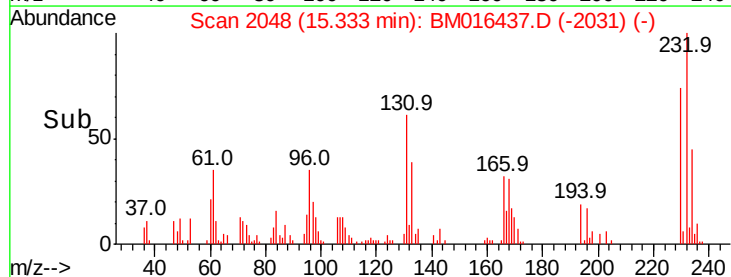
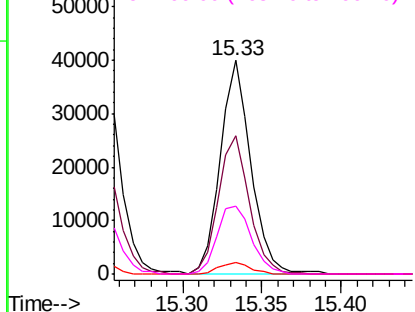
Abundance

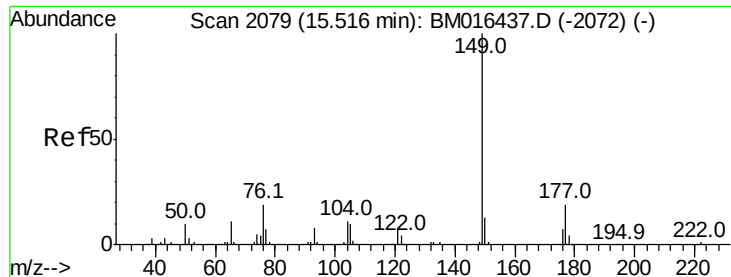
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

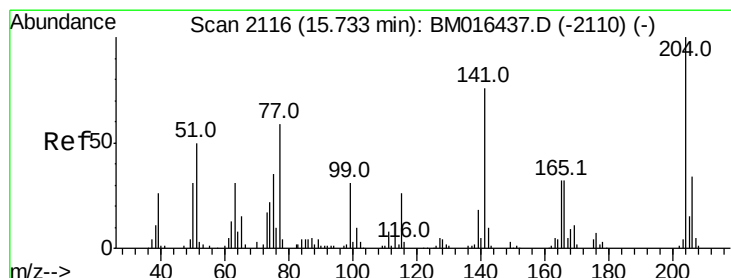
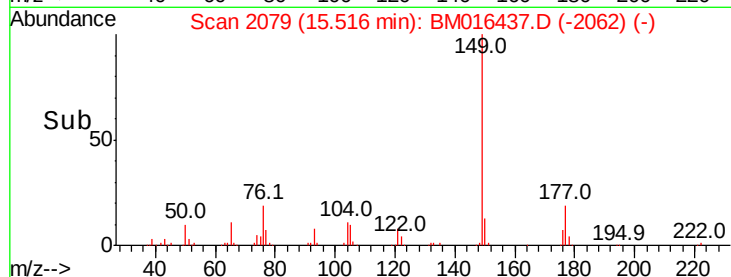
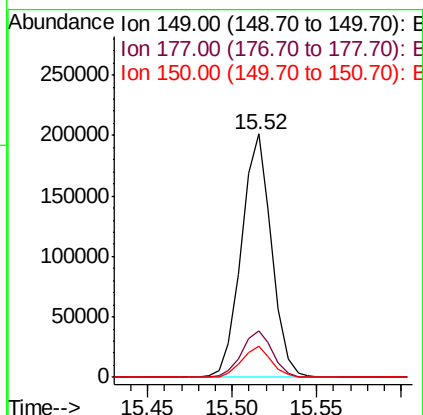
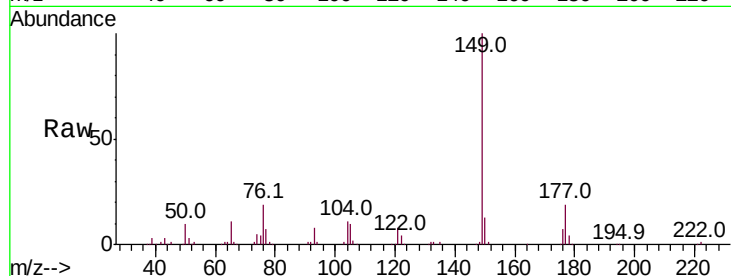




#59
Diethylphthalate
Concen: 47.069 ng
RT: 15.52 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

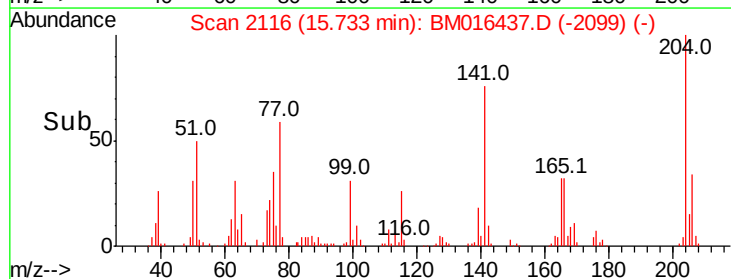
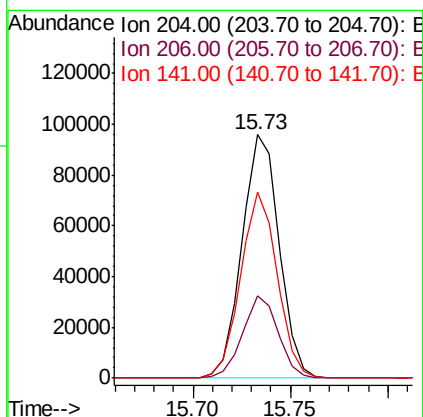
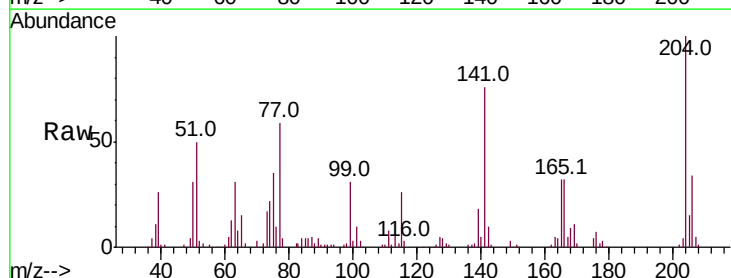
Instrument :
BNA_M
ClientSampled :

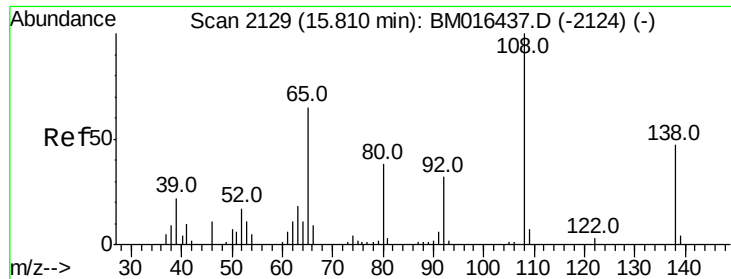
Tot Ion:149 Resp: 249224
Ion Ratio Lower Upper
149 100
177 19.2 18.3 27.5
150 12.8 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 52.389 ng
RT: 15.73 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion:204 Resp: 126689
Ion Ratio Lower Upper
204 100
206 33.6 26.6 39.8
141 76.5 45.2 67.8#





#61

4-Nitroaniline

Concen: 39.199 ng

RT: 15.81 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampled :

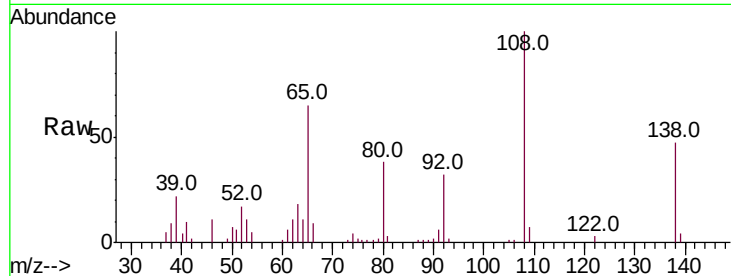
Tot Ion:138 Resp: 40151

Ion Ratio Lower Upper

138 100

92 68.5 16.7 56.7#

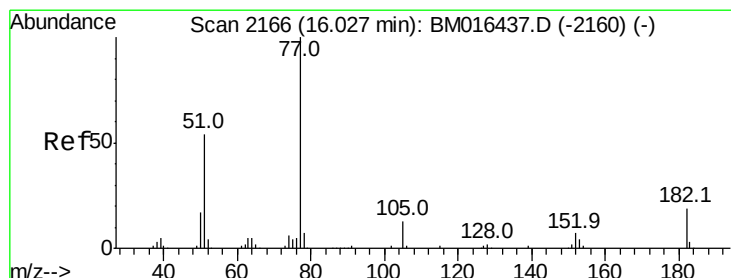
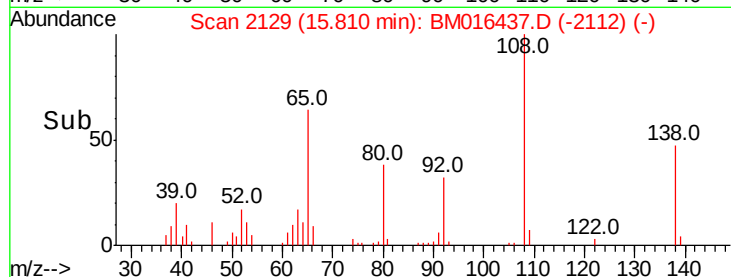
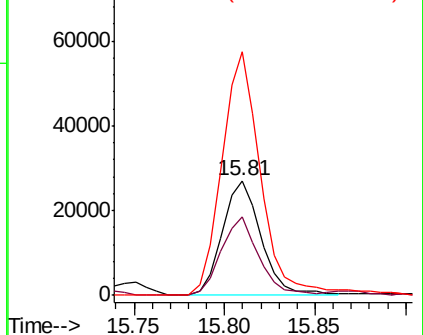
108 212.6 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.837 ng

RT: 16.03 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion: 77 Resp: 289056

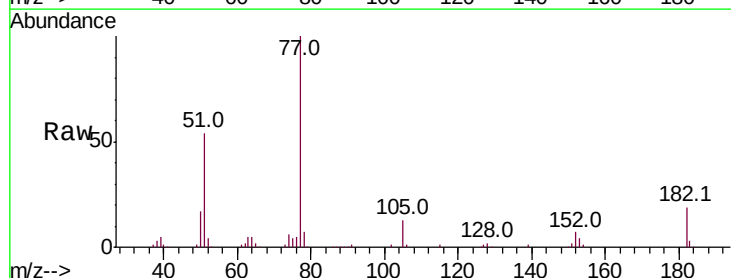
Ion Ratio Lower Upper

77 100

182 18.7 6.5 46.5

105 13.3 3.8 43.8

51 53.9 5.5 45.5#

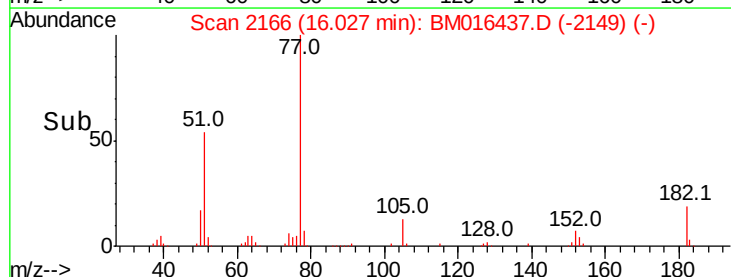
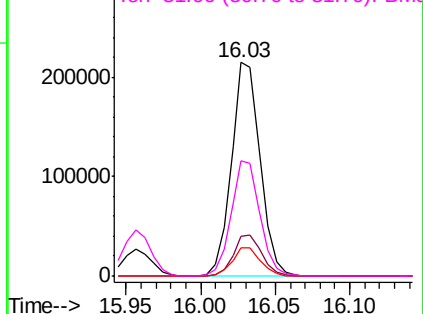


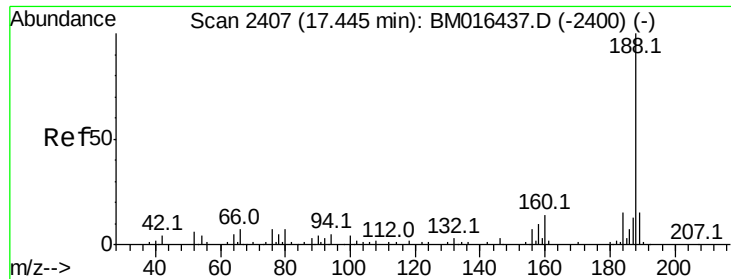
Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM

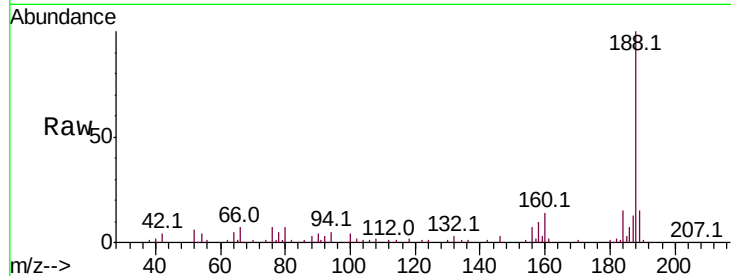




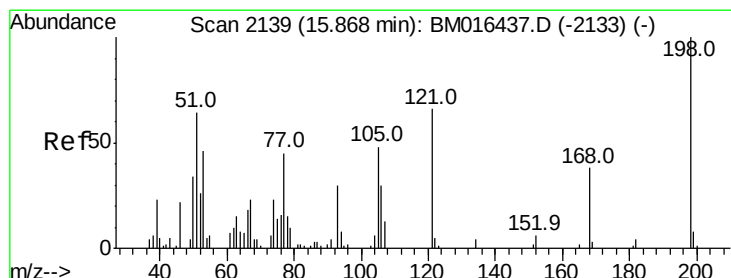
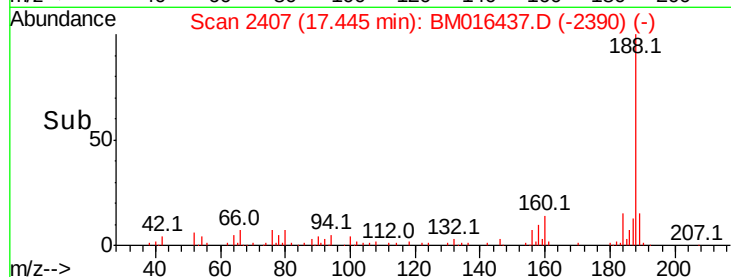
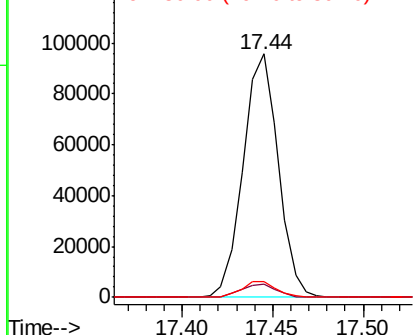
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:188 Resp: 128985
 Ion Ratio Lower Upper
 188 100
 94 5.3 8.7 13.1#
 80 6.7 9.3 13.9#

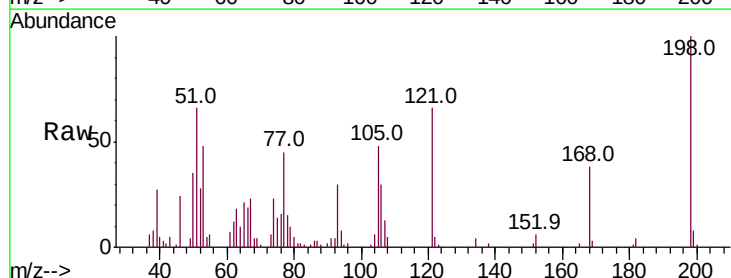


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

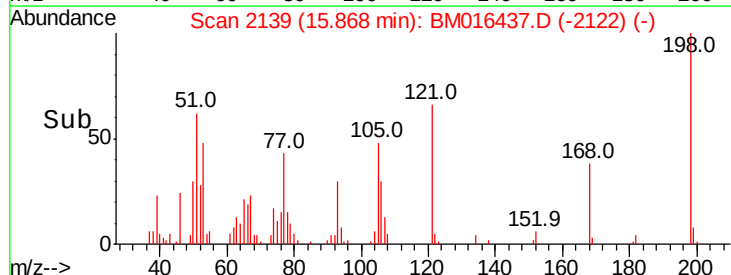
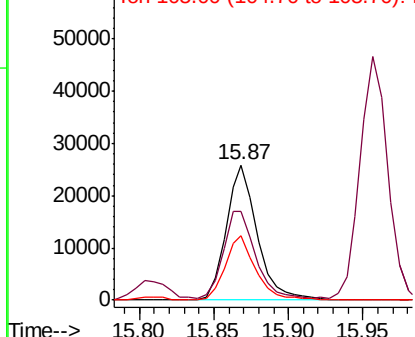


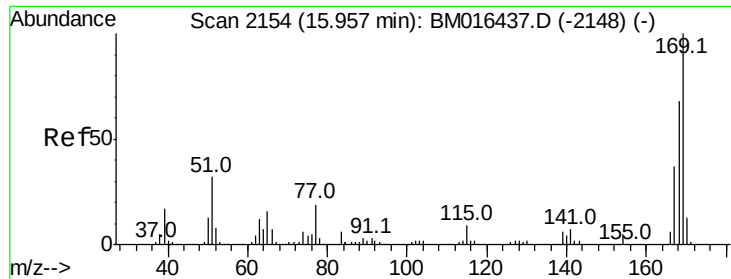
#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.882 ng
 RT: 15.87 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion:198 Resp: 37487
 Ion Ratio Lower Upper
 198 100
 51 65.5 28.8 68.8
 105 47.6 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

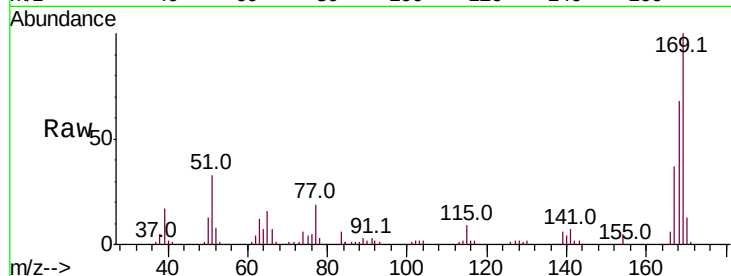




#65
 n-Nitrosodiphenylamine
 Concen: 42.324 ng
 RT: 15.96 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.9	80.9
167	36.8	28.9	43.3

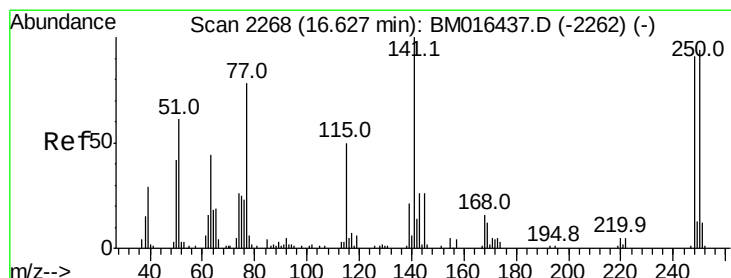
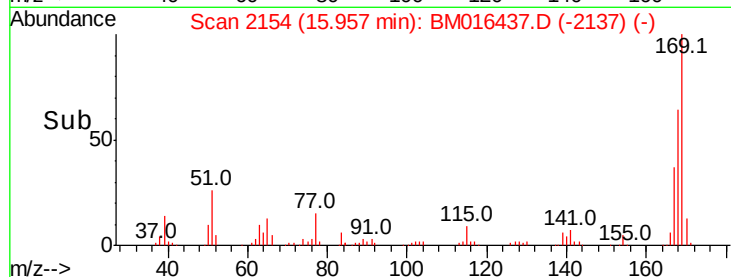
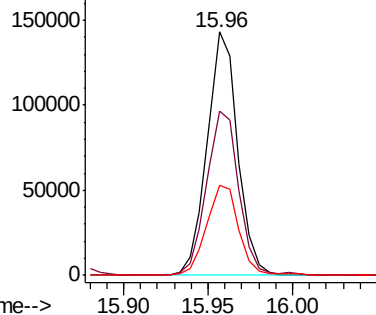


Abundance

Ion 169.00 (168.70 to 169.70): E

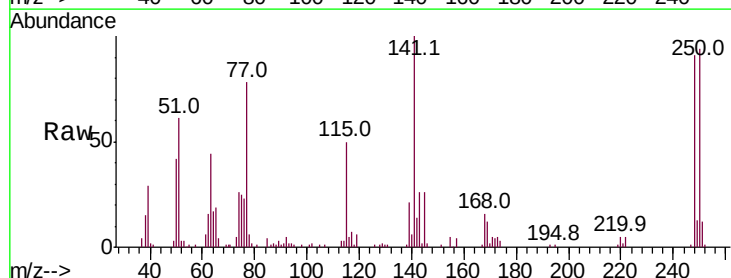
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 49.348 ng
 RT: 16.63 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	103.9	77.4	116.0
141	110.3	45.2	67.8

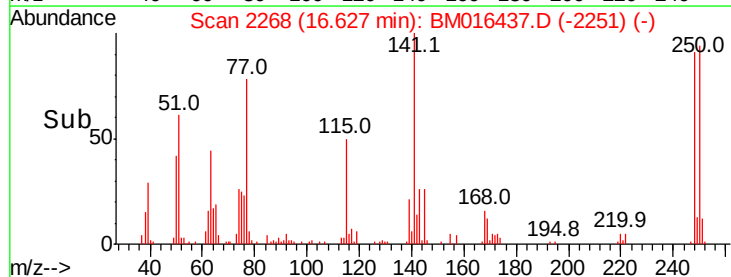
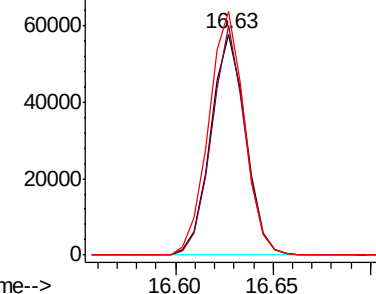


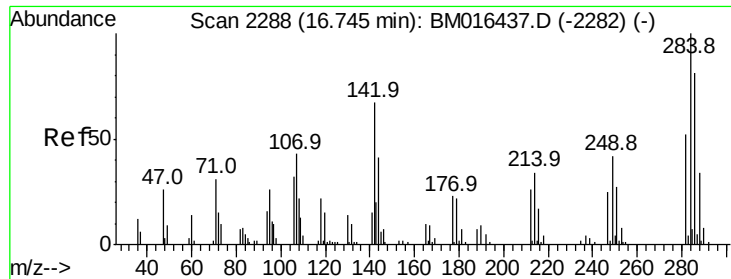
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.971 ng

RT: 16.74 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampled :

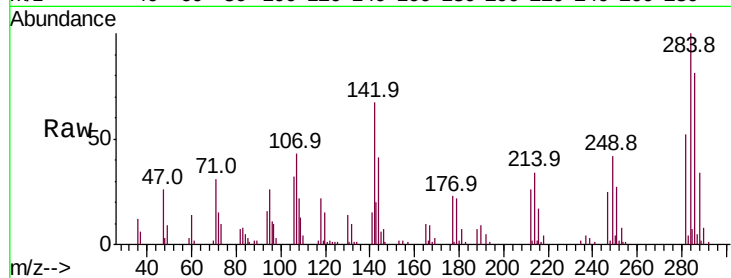
Tot Ion:284 Resp: 70723

Ion Ratio Lower Upper

284 100

142 66.7 20.4 30.6#

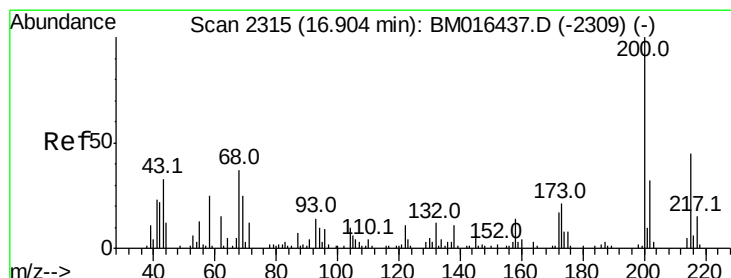
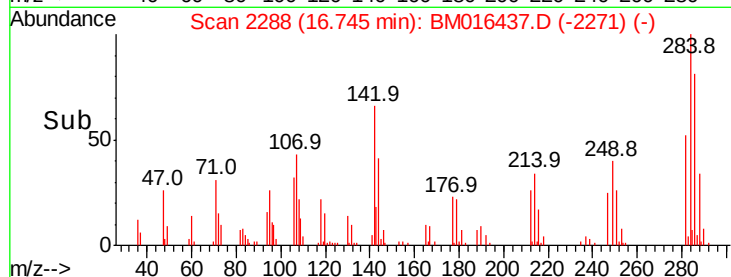
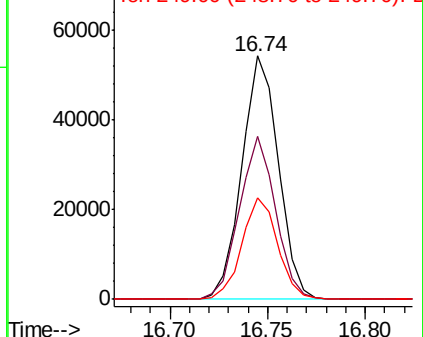
249 41.6 23.8 35.6#



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: 44.379 ng

RT: 16.90 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

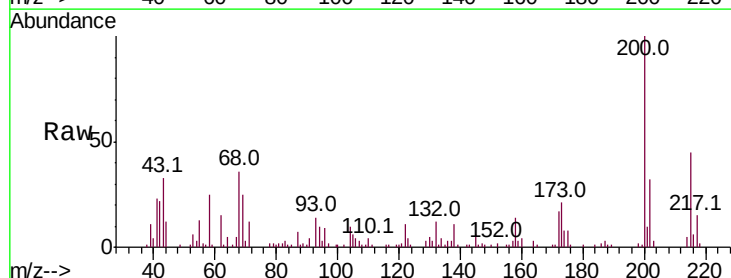
Tgt Ion:200 Resp: 67556

Ion Ratio Lower Upper

200 100

173 21.0 4.8 44.8

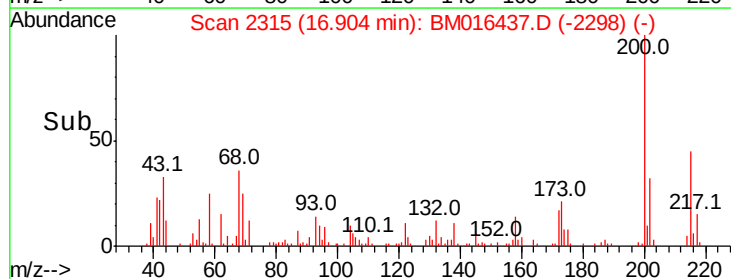
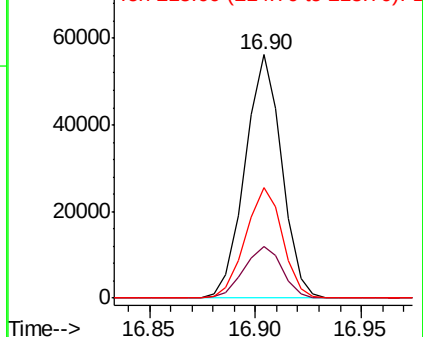
215 45.2 26.9 66.9

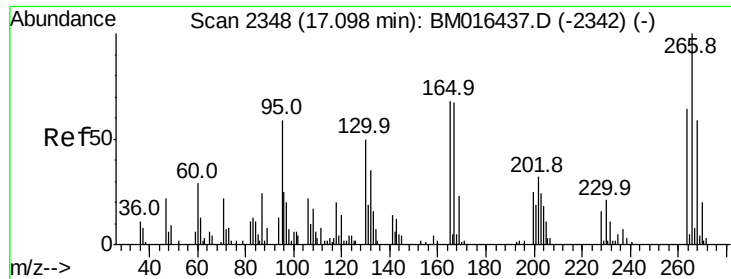


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

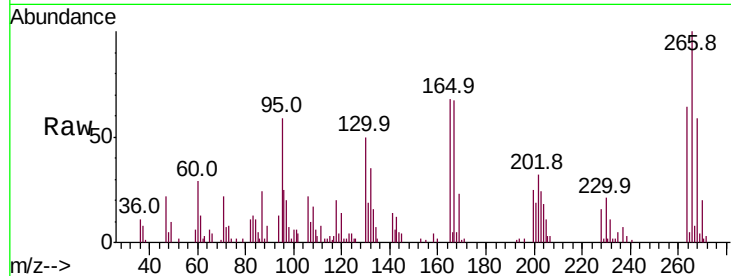




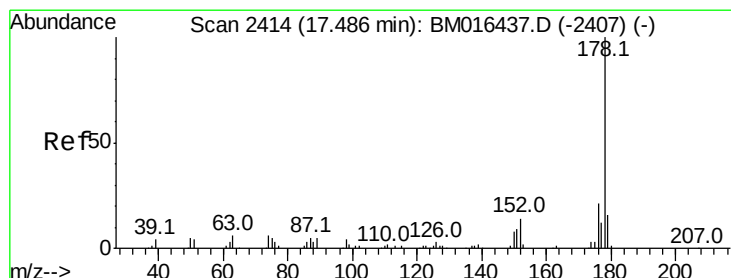
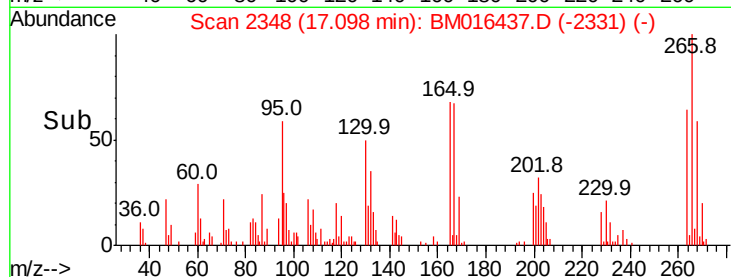
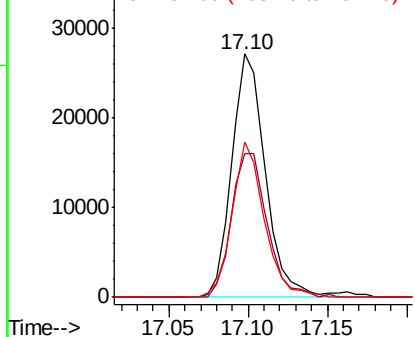
#69
 Pentachlorophenol
 Concen: 40.165 ng
 RT: 17.10 min Scan# 2348
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 40003
 Ion Ratio Lower Upper
 266 100
 268 58.8 52.0 78.0
 264 63.7 49.0 73.4

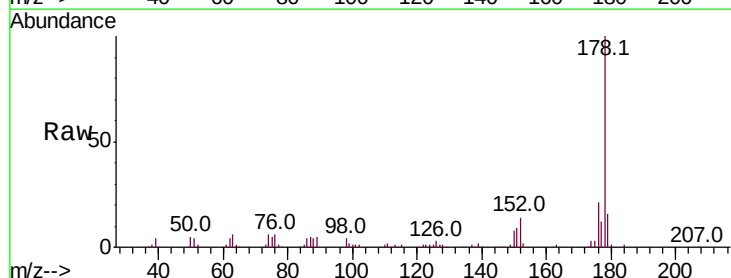


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

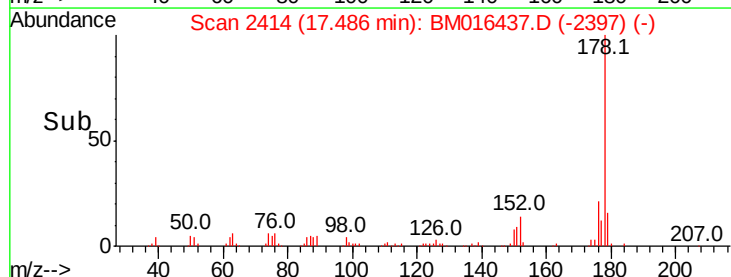
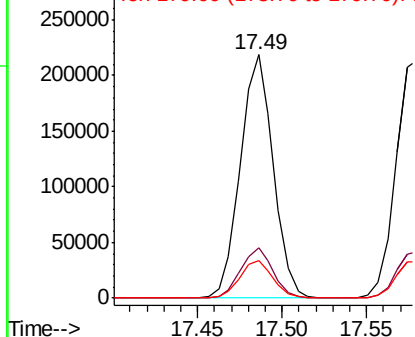


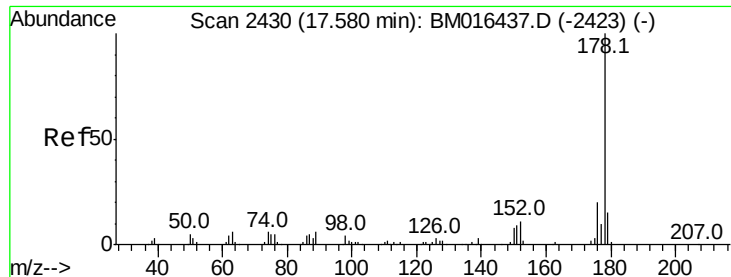
#70
 Phenanthrene
 Concen: 41.132 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion:178 Resp: 297032
 Ion Ratio Lower Upper
 178 100
 176 20.7 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

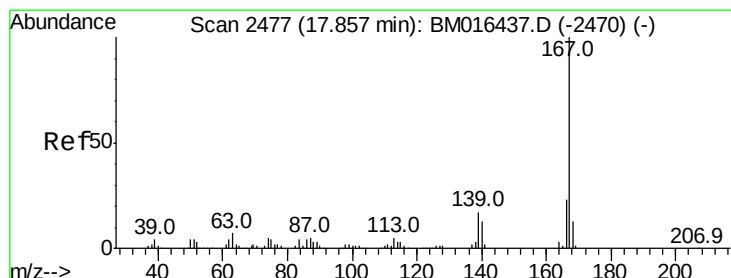
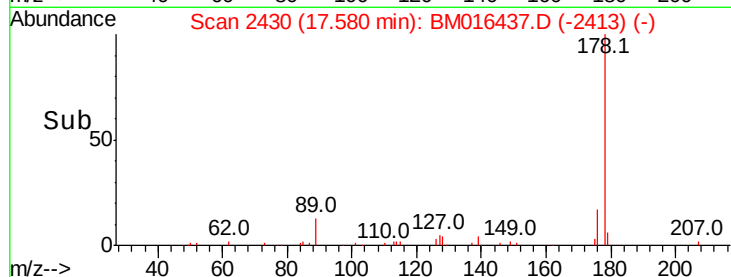
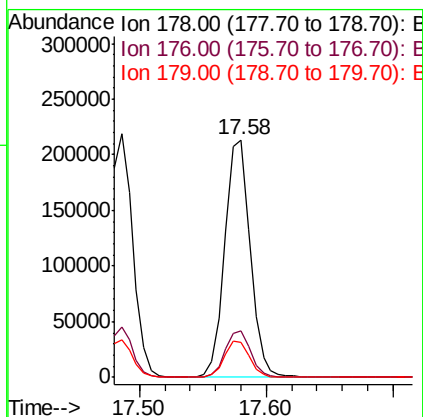
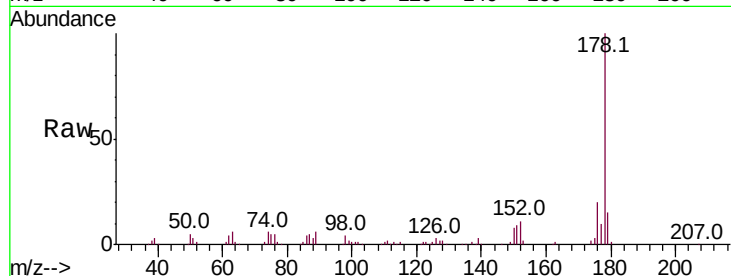




#71
 Anthracene
 Concen: 42.344 ng
 RT: 17.58 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

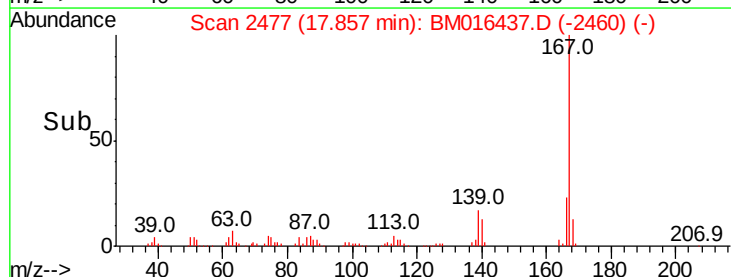
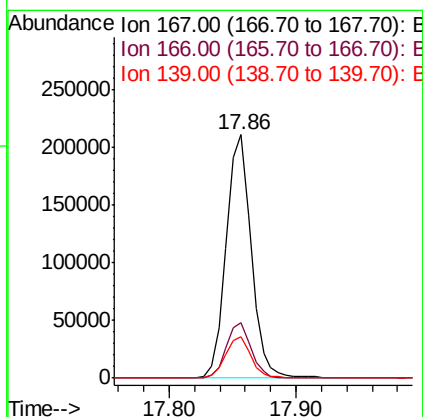
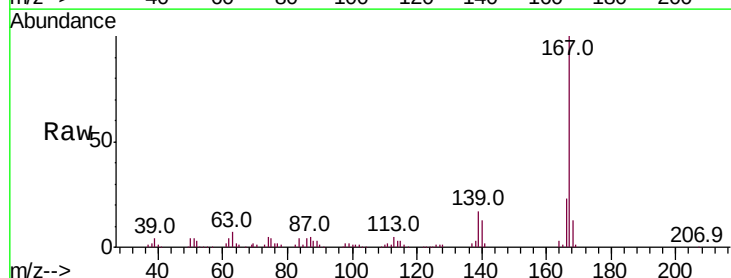
Instrument :
 BNA_M
 ClientSampled :

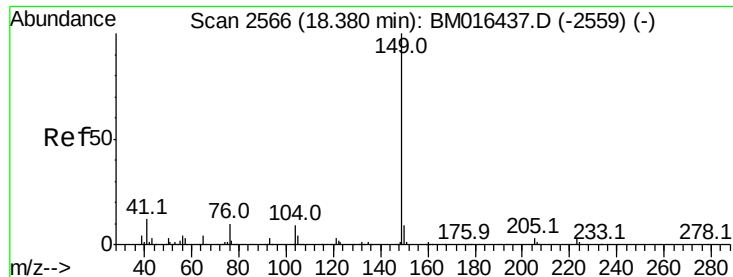
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.6	22.0
179	14.7	12.6	19.0



#72
 Carbazole
 Concen: 39.652 ng
 RT: 17.86 min Scan# 2477
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.2	25.8
139	17.3	10.8	16.2#





#73

Di-n-butylphthalate

Concen: 45.779 ng

RT: 18.38 min Scan# 2566

Delta R.T. 0.00 min

Lab File: BM016437.D

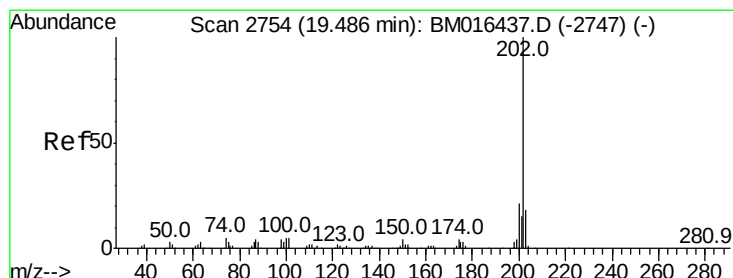
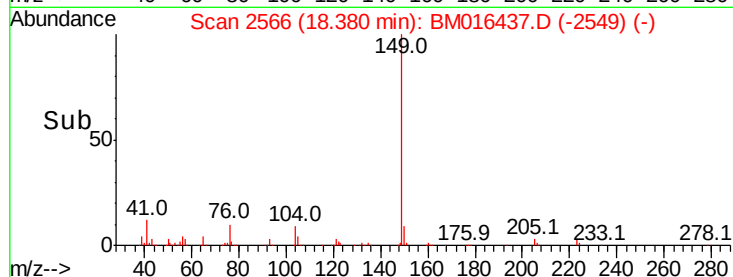
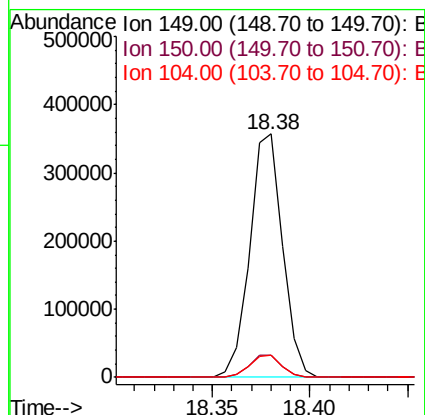
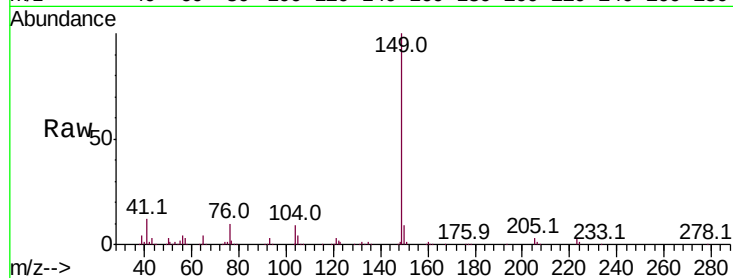
Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampled :

Tot Ion:	149	Resp:	414764
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	9.0	3.7	5.5#



#74

Fluoranthene

Concen: 43.453 ng

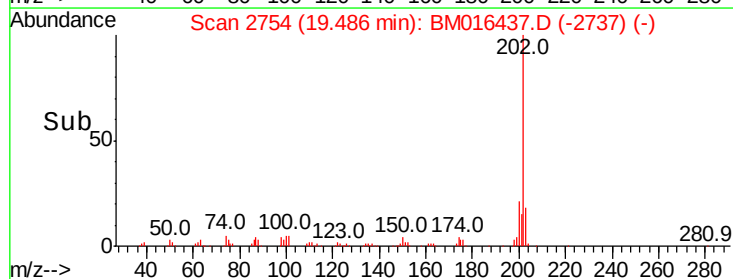
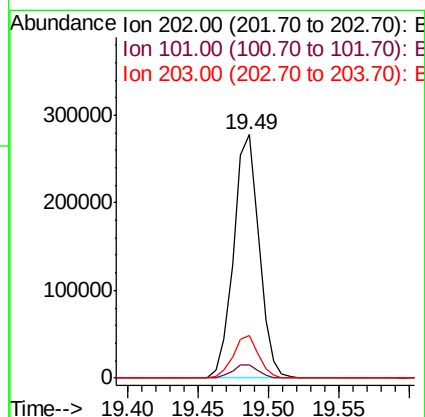
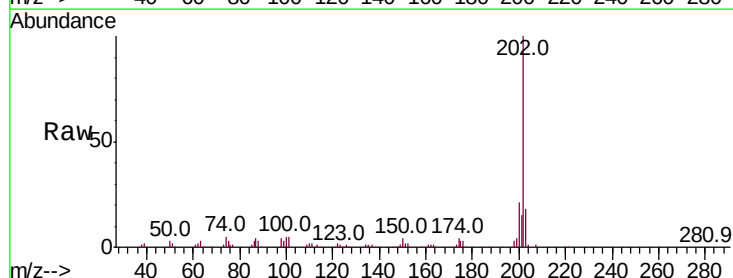
RT: 19.49 min Scan# 2754

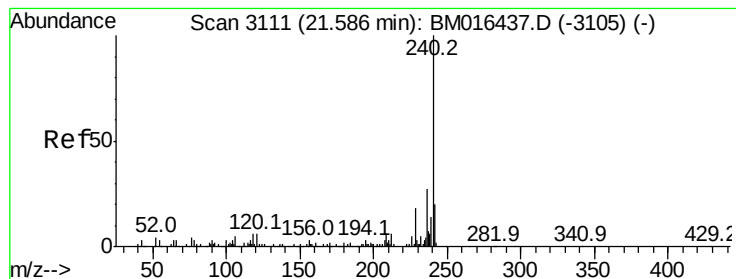
Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion:	202	Resp:	350027
Ion	Ratio	Lower	Upper
202	100		
101	5.4	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampled :

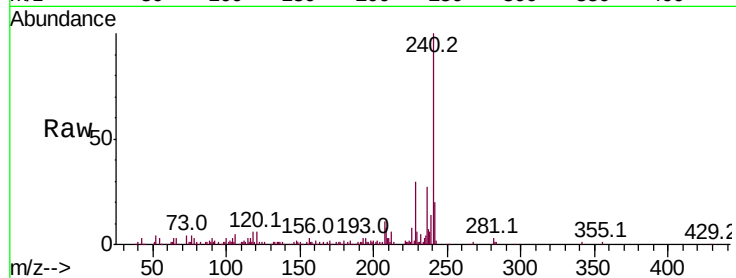
Tot Ion:240 Resp: 135282

Ion Ratio Lower Upper

240 100

120 5.7 8.2 12.2#

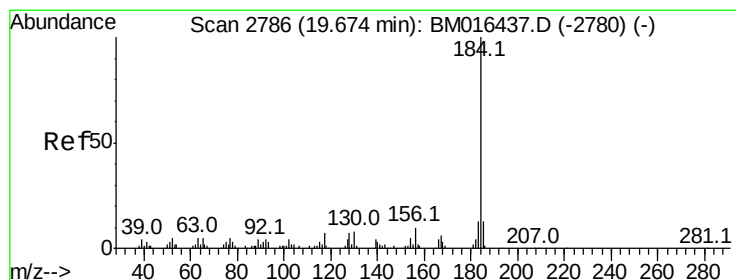
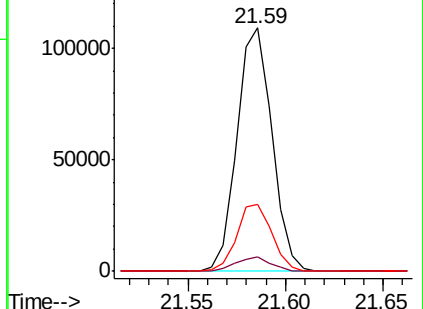
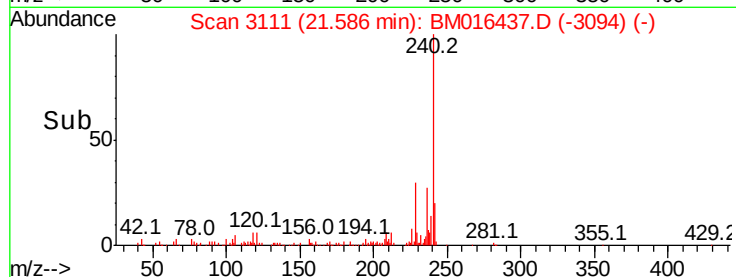
236 27.3 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.623 ng

RT: 19.67 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

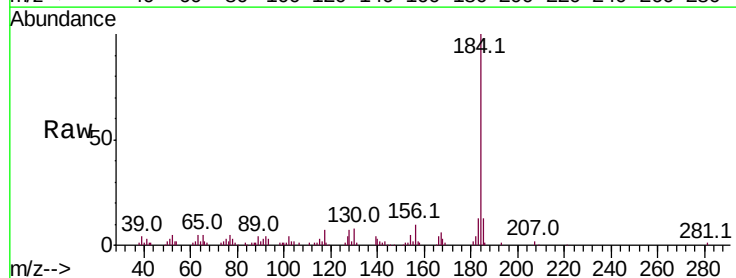
Tgt Ion:184 Resp: 111984

Ion Ratio Lower Upper

184 100

185 13.3 11.3 16.9

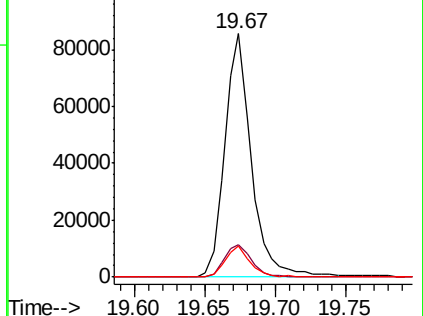
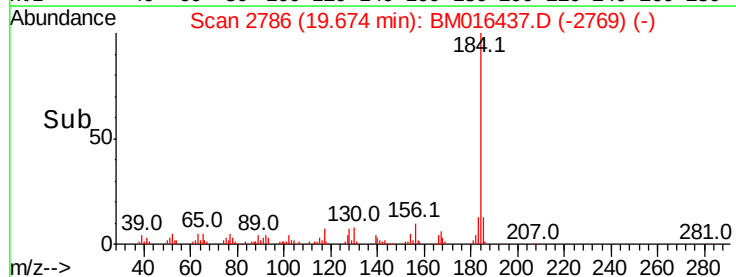
183 12.5 8.9 13.3

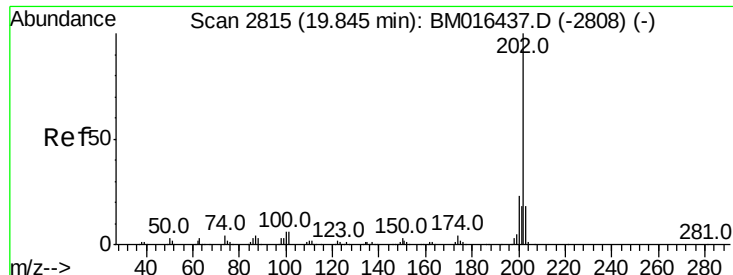


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

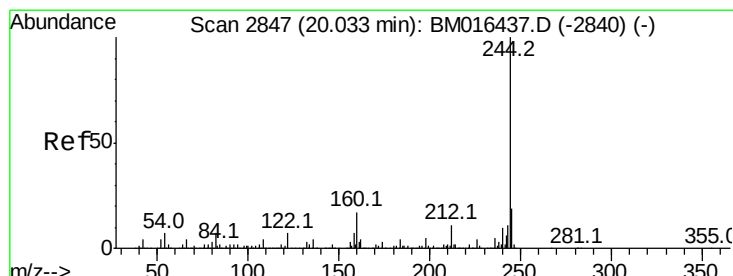
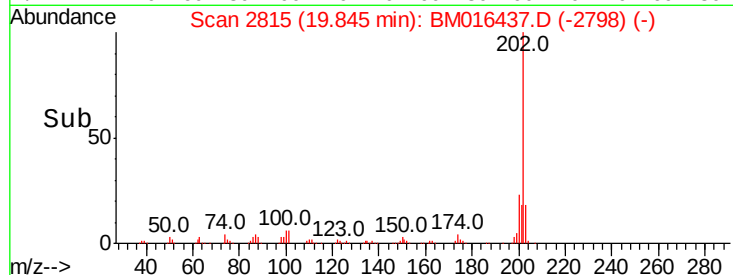
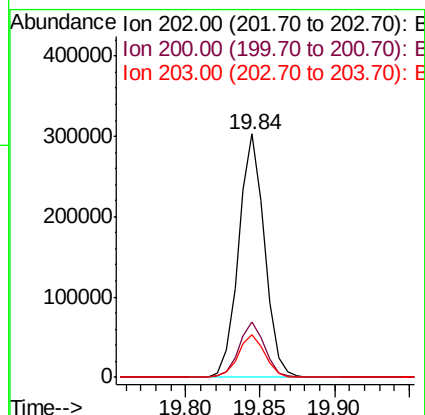
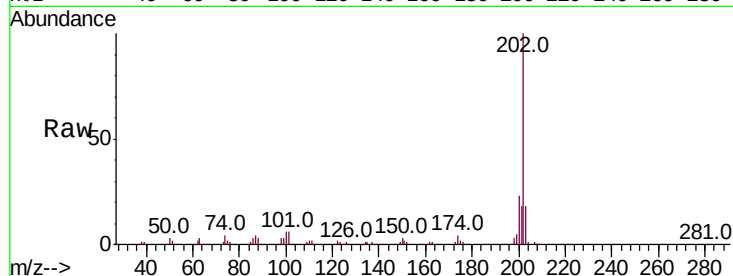




#77
Pvrene
Concen: 45.057 ng
RT: 19.84 min Scan# 2815
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

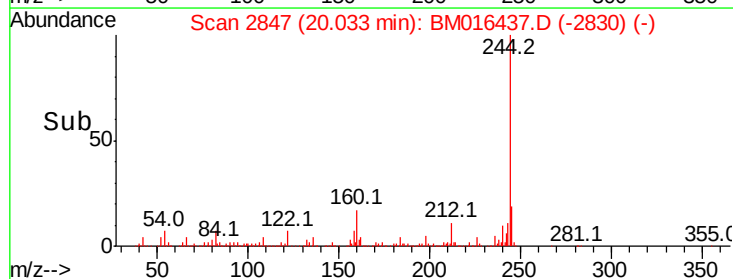
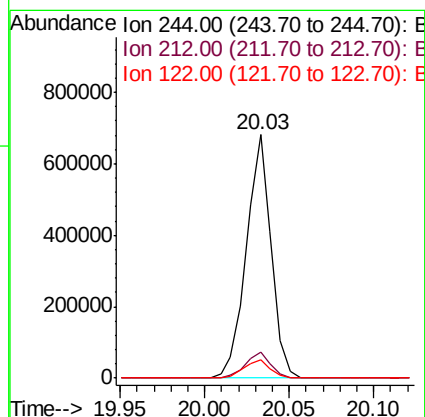
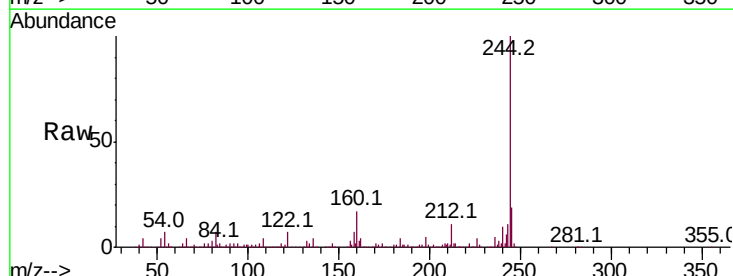
Instrument :
BNA_M
ClientSampleId :

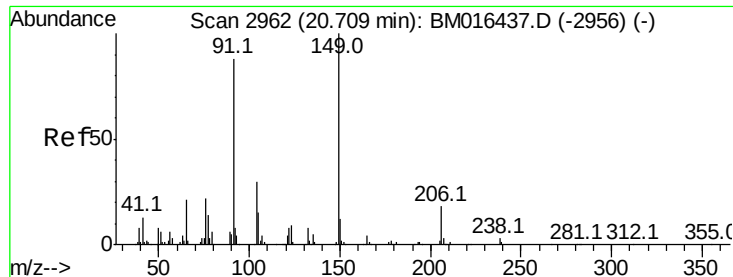
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.9	25.3
203	17.7	14.1	21.1



#78
Terphenyl-d14
Concen: 45.057 ng
RT: 20.03 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	7.5	6.2	9.4

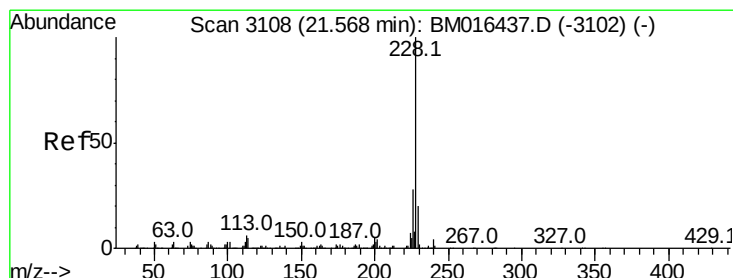
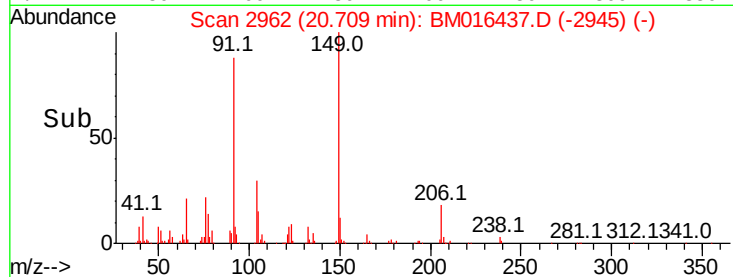
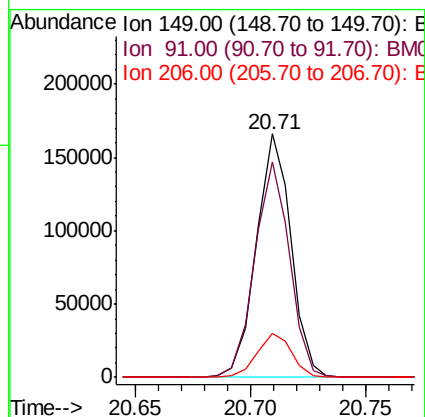
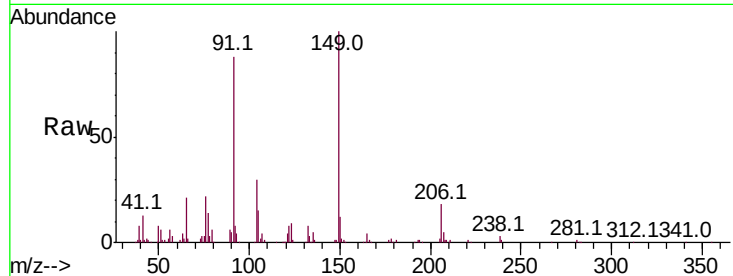




#79
Butylbenzylphthalate
Concen: 42.152 ng
RT: 20.71 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

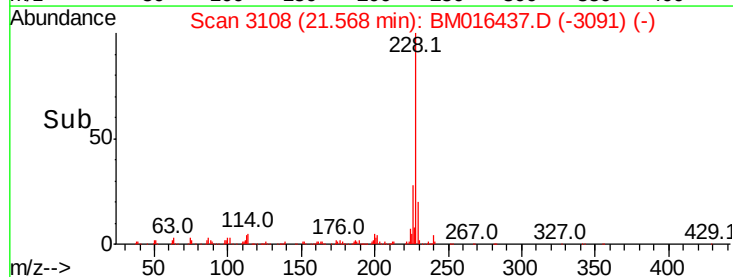
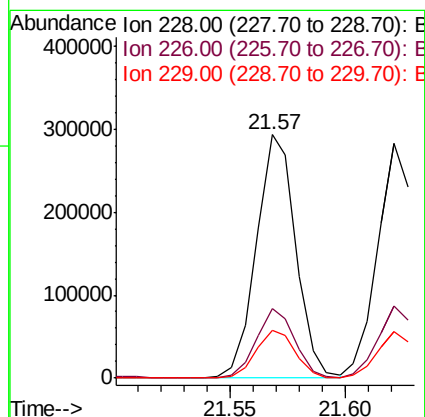
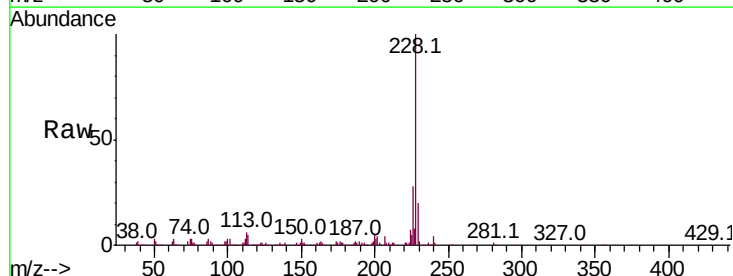
Instrument :
BNA_M
ClientSampleId :

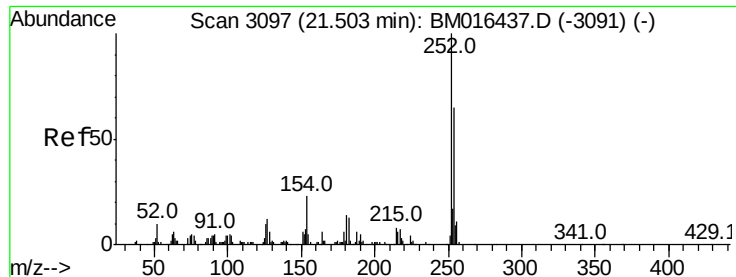
Tot Ion	Ratio	Lower	Upper
149	100		
91	88.4	50.1	75.1#
206	17.9	16.2	24.2



#80
Benzo(a)anthracene
Concen: 41.844 ng
RT: 21.57 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.7	32.5
229	19.8	16.0	24.0





#81

3,3'-Dichlorobenzidine

Concen: 37.960 ng

RT: 21.50 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM016437.D

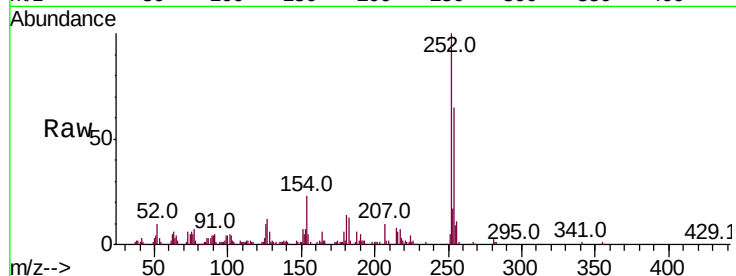
Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

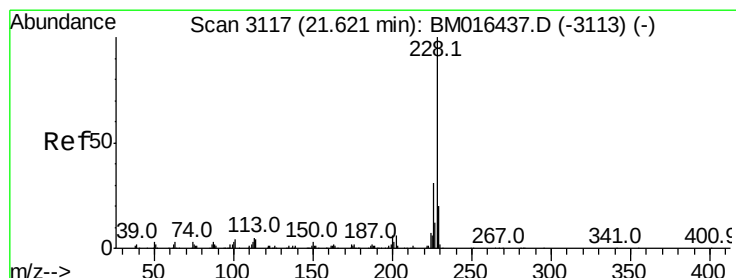
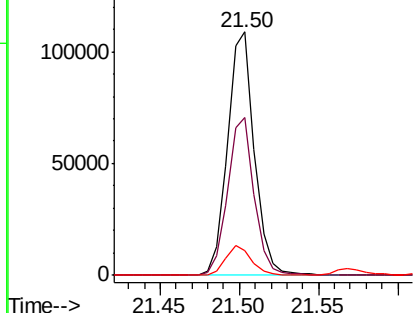
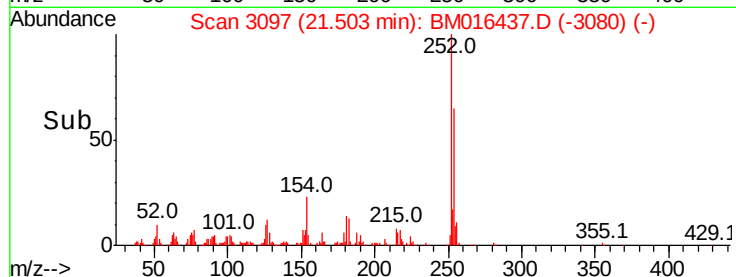
Tot Ion:252	Resp:	127397
Ion Ratio	Lower	Upper
252	100	
254	65.0	51.9 77.9
126	10.1	9.8 14.8



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: 40.897 ng

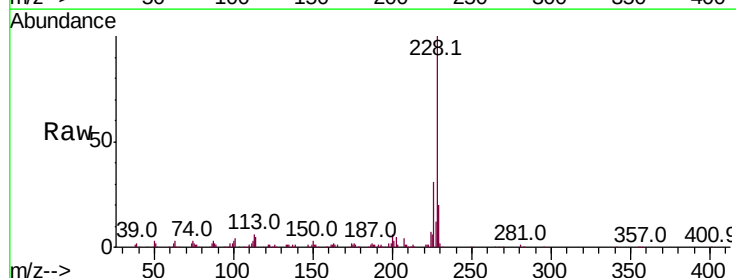
RT: 21.62 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

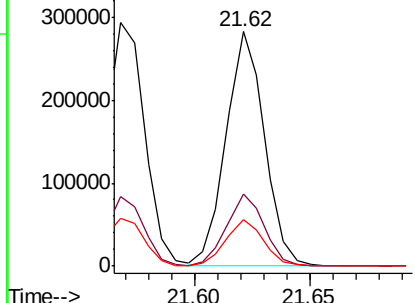
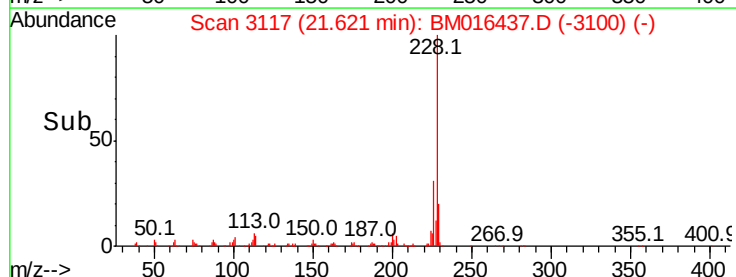
Tgt Ion:228	Resp:	326878
Ion Ratio	Lower	Upper
228	100	
226	30.7	24.1 36.1
229	20.1	15.5 23.3

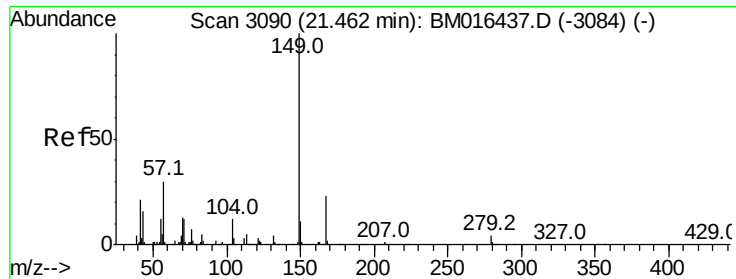


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

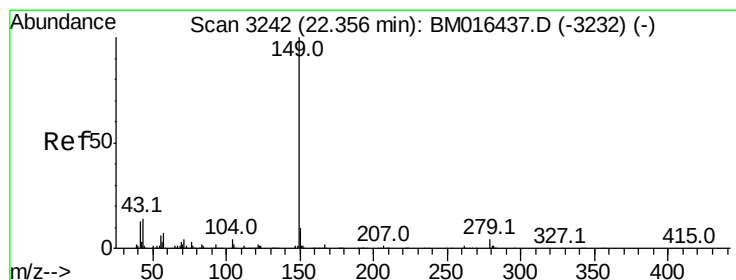
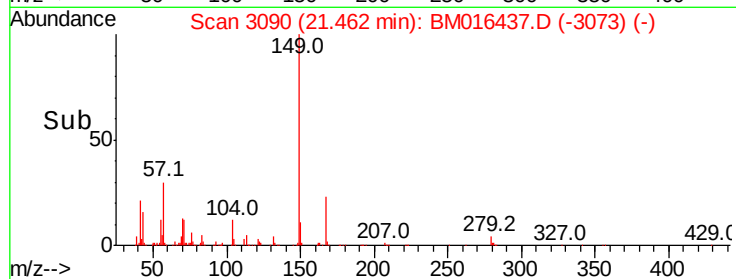
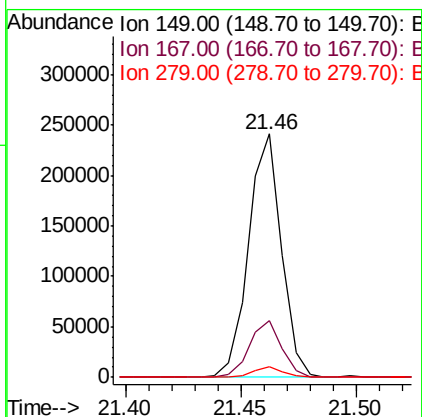
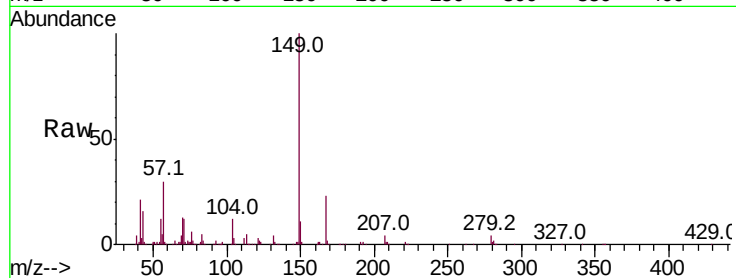




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.238 ng
 RT: 21.46 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

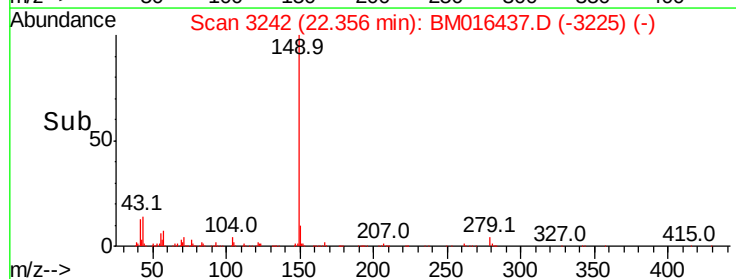
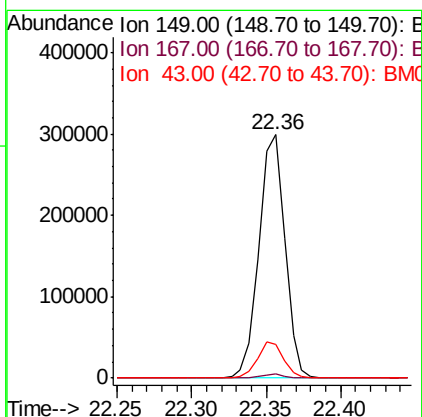
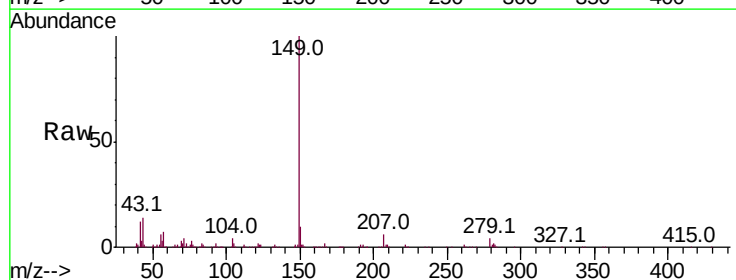
Instrument :
 BNA_M
 ClientSampleId :

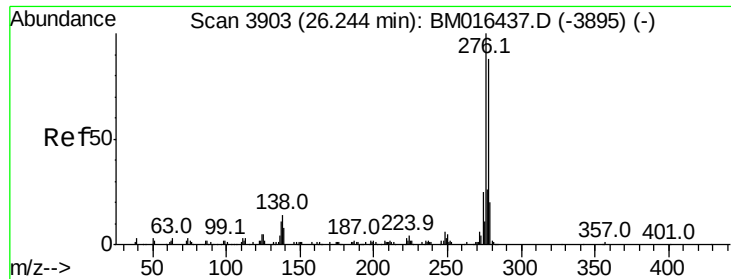
Tot Ion	Ratio	Lower	Upper
149	100		
167	23.3	22.4	33.6
279	4.2	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 35.610 ng
 RT: 22.36 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	15.1	7.3	10.9#

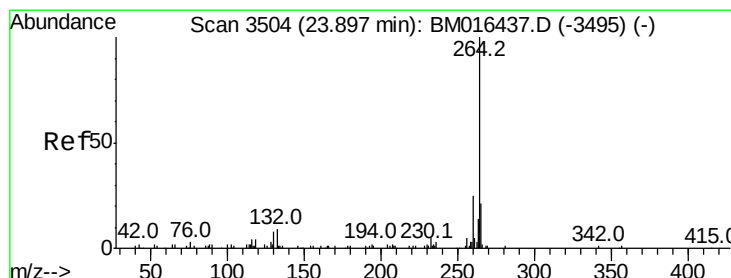
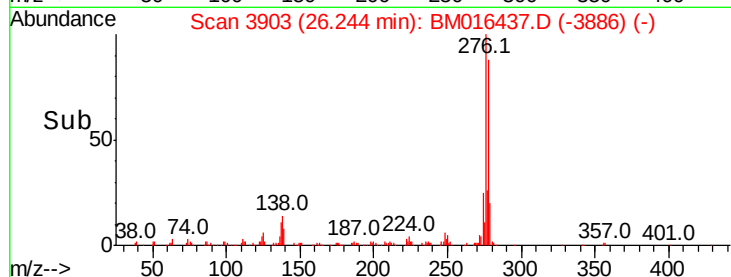
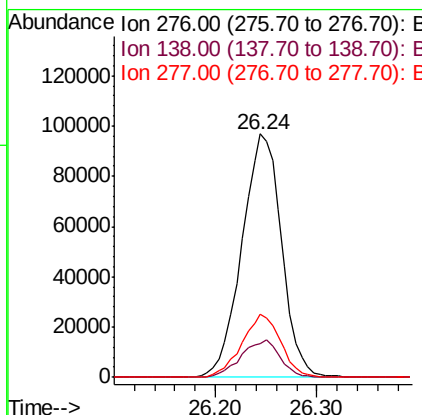
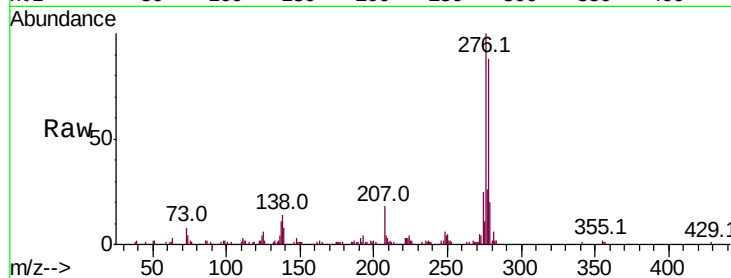




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.814 ng
 RT: 26.24 min Scan# 3903
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

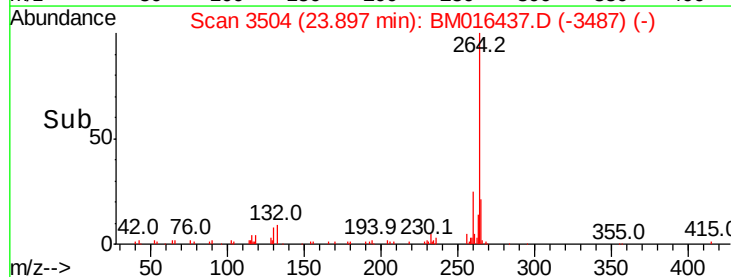
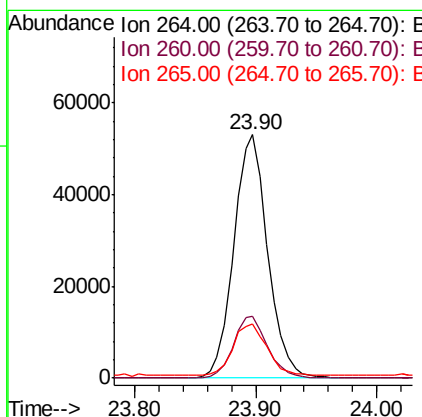
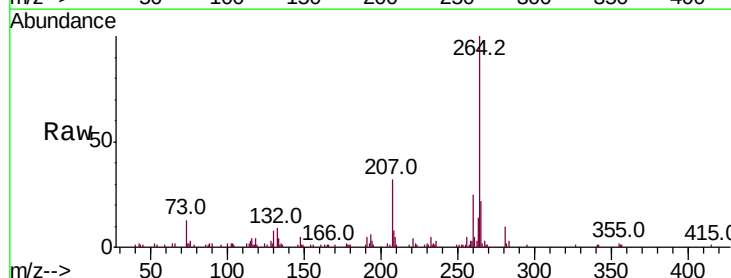
Instrument :
 BNA_M
 ClientSampleId :

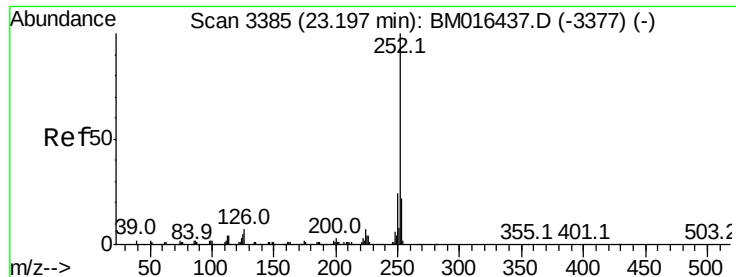
Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.0	18.0
277	25.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.90 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.6	27.8
265	22.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 44.230 ng

RT: 23.20 min Scan# 3385

Delta R.T. 0.00 min

Lab File: BM016437.D

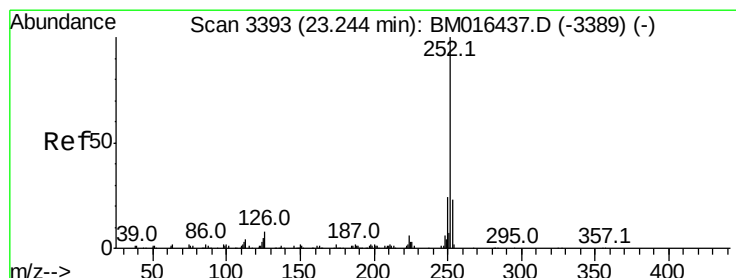
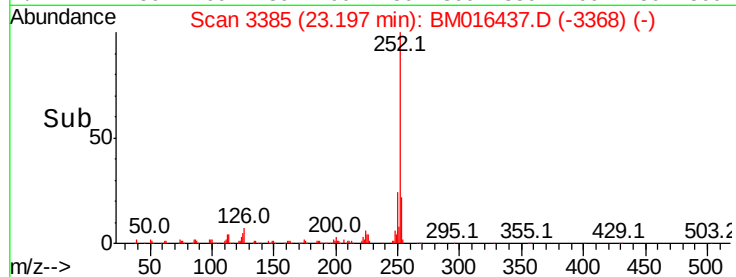
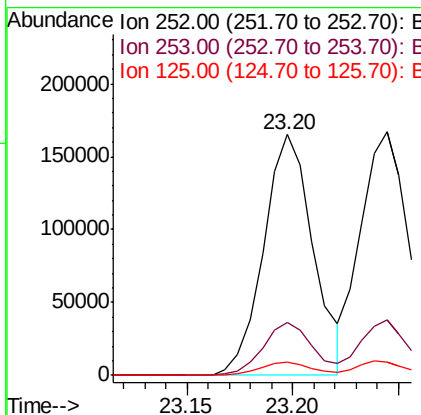
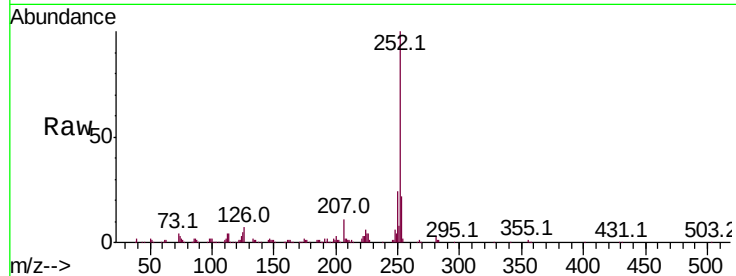
Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	269912
Ion Ratio	Lower	Upper
252	100	
253	21.7	18.0 27.0
125	5.4	9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 43.367 ng

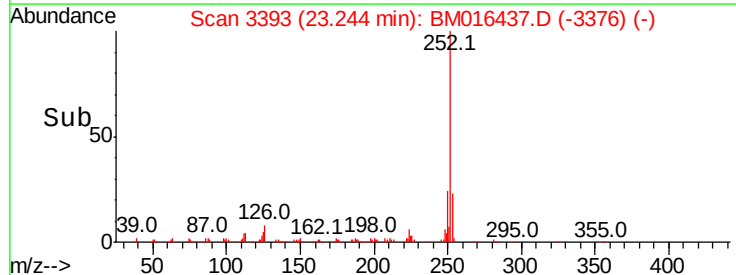
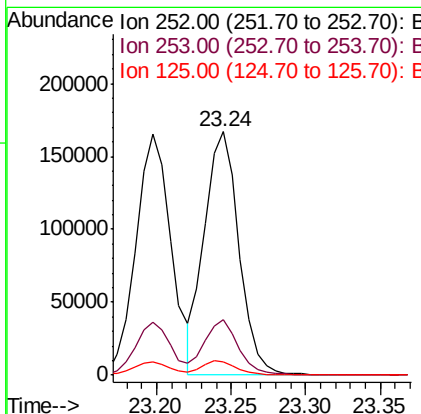
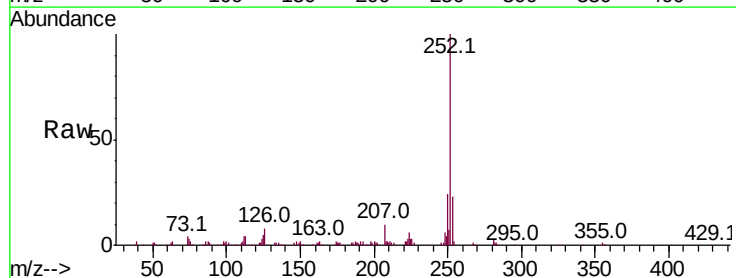
RT: 23.24 min Scan# 3393

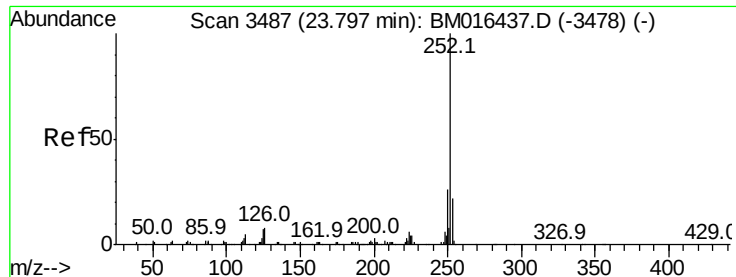
Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion:252	Resp:	268204
Ion Ratio	Lower	Upper
252	100	
253	23.0	17.2 25.8
125	5.3	8.1 12.1#





#89

Benzo(a)pyrene

Concen: 41.908 ng

RT: 23.80 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

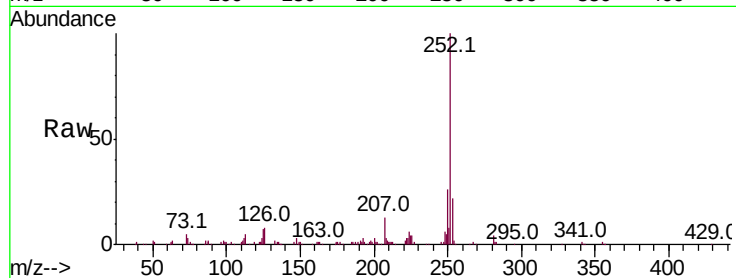
Tot Ion:252 Resp: 245856

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

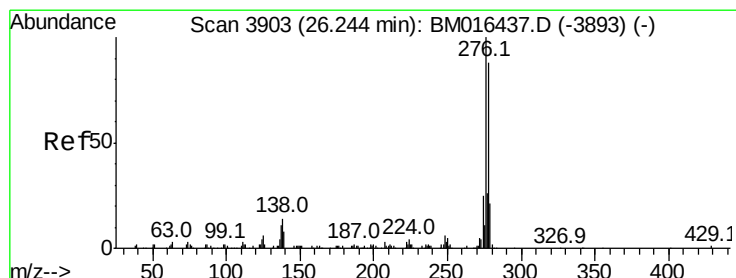
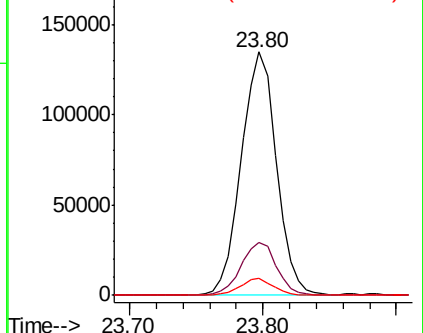
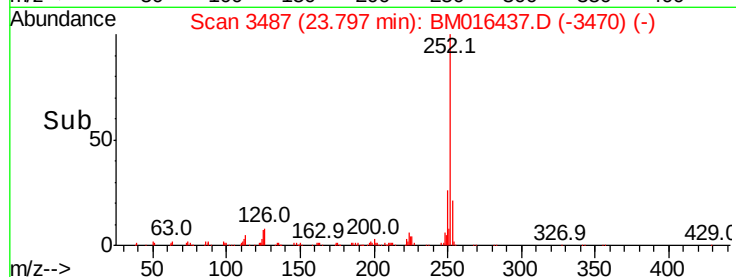
125 6.8 7.4 11.2#



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: 36.495 ng

RT: 26.24 min Scan# 3903

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

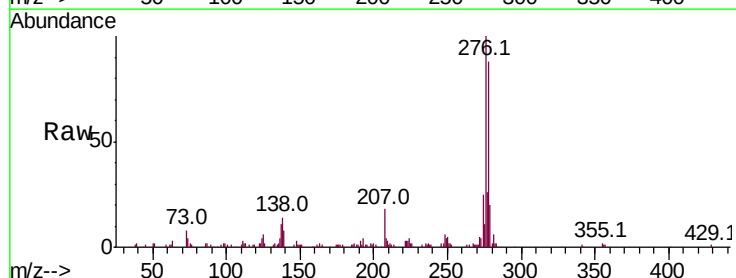
Tgt Ion:278 Resp: 221826

Ion Ratio Lower Upper

278 100

139 9.5 13.4 20.0#

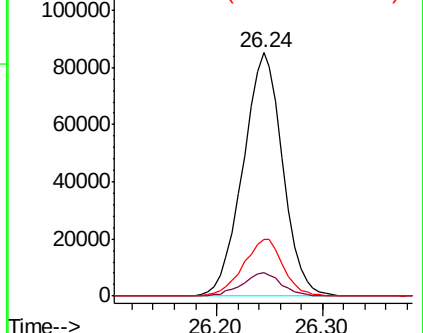
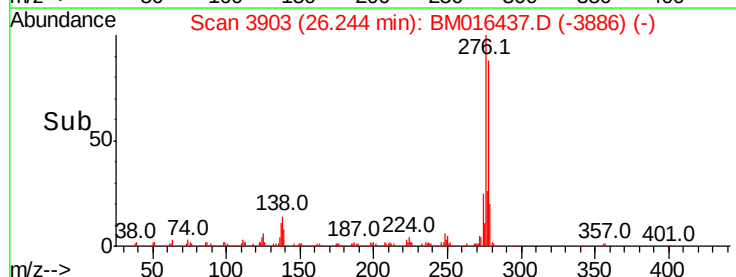
279 23.2 19.0 28.4

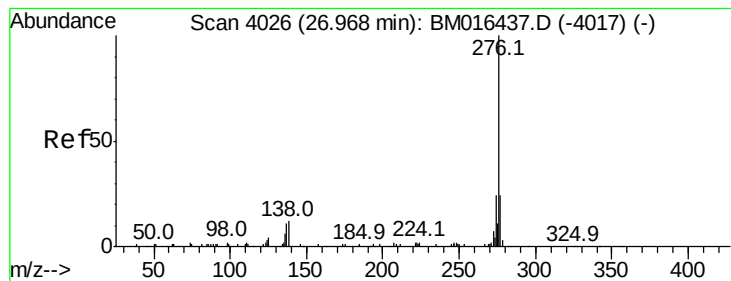


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

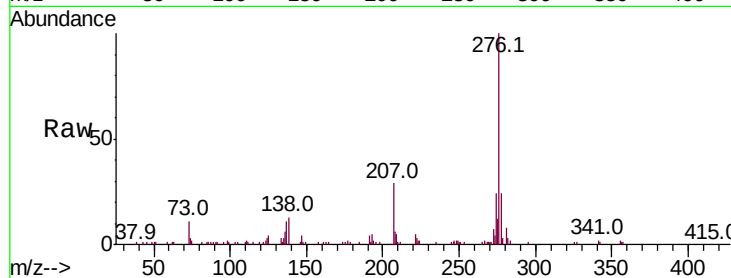




#91
 Benzo(a,h,i)perylene
 Concen: 35.051 ng
 RT: 26.97 min Scan# 4026
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	12.6	19.0	28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

