

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
 Data File : BF111438.D
 Acq On : 15 Dec 2018 00:12
 Operator : JU/SJ
 Sample : J6233-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Quant Time: Dec 15 02:53:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	220877	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	869568	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	268348	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	505978	20.00	ng	0.00
76) Chrysene-d12	13.96	240	396702	20.00	ng	0.00
87) Perylene-d12	15.39	264	286992	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1655156	124.70	ng	0.01
7) Phenol-d6	6.45	99	2229448	126.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	1367755	93.66	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	294162	122.37	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1790570	103.07	ng	0.00
79) Terphenyl-d14	12.90	244	1521702	90.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	173008	26.987	ng	96
3) Pyridine	3.29	79	429439	26.672	ng	96
4) n-Nitrosodimethylamine	3.22	42	282180	38.584	ng	88
6) Aniline	6.46	93	287621	13.133	ng	# 1
8) 2-Chlorophenol	6.59	128	673266	42.452	ng	99
9) Benzaldehyde	6.34	77	311120	29.052	ng	98
10) Phenol	6.46	94	931395	47.355	ng	98
11) bis(2-Chloroethyl)ether	6.53	93	641648	41.616	ng	99
12) 1,3-Dichlorobenzene	6.74	146	684830	39.227	ng	98
13) 1,4-Dichlorobenzene	6.82	146	705040	39.787	ng	98
14) 1,2-Dichlorobenzene	6.97	146	661424	39.676	ng	98
15) Benzyl Alcohol	6.94	79	547547	40.757	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1169990	38.865	ng	97
17) 2-Methylphenol	7.06	107	542017	42.465	ng	95
18) Hexachloroethane	7.31	117	225789	34.238	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	457752	39.297	ng	98
20) 3+4-Methylphenols	7.21	107	671548	41.944	ng	# 87
22) Acetophenone	7.20	105	906467	46.697	ng	# 88
24) Nitrobenzene	7.38	77	671575	45.083	ng	94
25) Isophorone	7.62	82	1224101	49.543	ng	98
26) 2-Nitrophenol	7.69	139	315491	40.839	ng	99
27) 2,4-Dimethylphenol	7.74	122	588051	52.507	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	811095	47.552	ng	98
29) 2,4-Dichlorophenol	7.94	162	520876	43.568	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	521674	41.683	ng	98
31) Naphthalene	8.10	128	1833000	45.068	ng	97
32) Benzoic acid	7.85	122	152111	15.717	ng	98
33) 4-Chloroaniline	8.15	127	123426	6.825	ng	96
34) Hexachlorobutadiene	8.22	225	275541	39.961	ng	98
35) Caprolactam	8.52	113	165361	37.254	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	539007	40.959	ng	99
37) 2-Methylnaphthalene	8.79	142	1190846	43.270	ng	99
38) 1-Methylnaphthalene	8.89	142	999065	37.576	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	391143	53.150	ng	98

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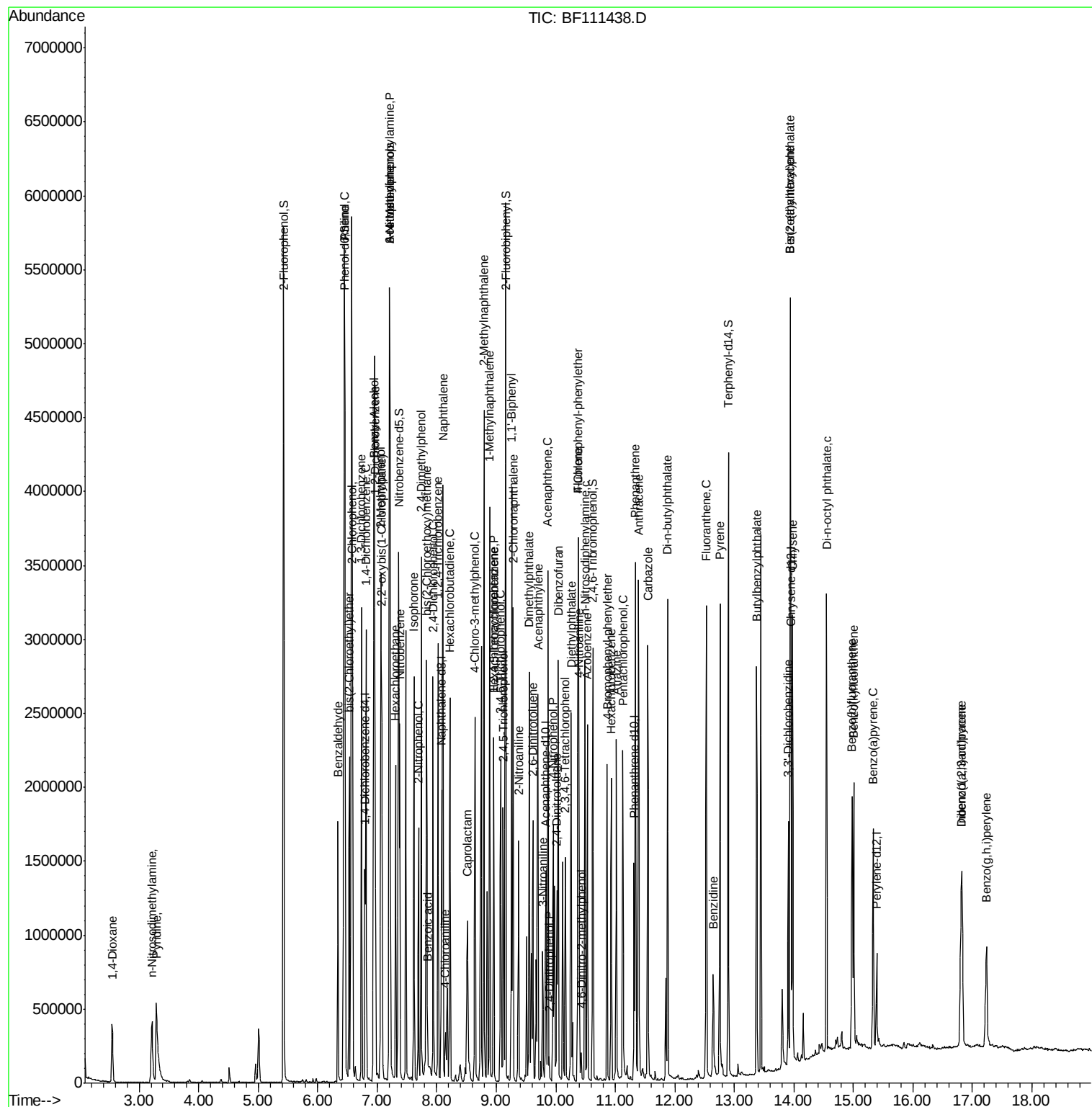
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	79916	21.151	ng	96
43) 2,4,6-Trichlorophenol	9.07	196	263794	50.647	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	275628	49.730	ng	98
46) 1,1'-Biphenyl	9.26	154	1110767	48.852	ng	94
47) 2-Chloronaphthalene	9.28	162	853338	49.374	ng	95
48) 2-Nitroaniline	9.37	65	248745	44.326	ng	93
49) Acenaphthylene	9.70	152	1211303	47.216	ng	95
50) Dimethylphthalate	9.56	163	1115850	57.739	ng	98
51) 2,6-Dinitrotoluene	9.62	165	186828	42.948	ng	91
52) Acenaphthene	9.87	154	695927	42.919	ng	99
53) 3-Nitroaniline	9.78	138	129861	24.577	ng	97
54) 2,4-Dinitrophenol	9.89	184	18676	11.285	ng	88
55) Dibenzofuran	10.04	168	1031958	43.845	ng	96
56) 4-Nitrophenol	9.96	139	271425	74.229	ng	98
57) 2,4-Dinitrotoluene	10.02	165	224672	39.350	ng	90
58) Fluorene	10.38	166	762536	44.667	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	178072	41.121	ng	99
60) Diethylphthalate	10.26	149	884872	45.202	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	351977	42.141	ng	98
62) 4-Nitroaniline	10.39	138	175501	33.553	ng	100
63) Azobenzene	10.53	77	789767	40.922	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	19666	6.885	ng	89
66) n-Nitrosodiphenylamine	10.49	169	683896	39.195	ng	97
67) 4-Bromophenyl-phenylether	10.86	248	247890	45.456	ng	97
68) Hexachlorobenzene	10.93	284	244257	43.542	ng	97
69) Atrazine	11.02	200	246586	48.901	ng	98
70) Pentachlorophenol	11.13	266	251503	73.097	ng	99
71) Phenanthrene	11.34	178	1198749	45.978	ng	95
72) Anthracene	11.39	178	1249663	46.868	ng	95
73) Carbazole	11.55	167	1176691	42.676	ng	95
74) Di-n-butylphthalate	11.88	149	1499630	48.836	ng	96
75) Fluoranthene	12.53	202	1201498	47.106	ng	99
77) Benzidine	12.65	184	269728	18.496	ng	98
78) Pyrene	12.76	202	1230881	44.009	ng	96
80) Butylbenzylphthalate	13.37	149	605522	44.416	ng	95
81) Benzo(a)anthracene	13.94	228	986708	45.744	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	342001	39.002	ng	98
83) Chrysene	13.98	228	1014368	44.640	ng	95
84) Bis(2-ethylhexyl)phthalate	13.94	149	797532	45.802	ng	99
85) Di-n-octyl phthalate	14.55	149	1477878	50.318	ng	97
86) Indeno(1,2,3-cd)pyrene	16.81	276	684393	41.732	ng	98
88) Benzo(b)fluoranthene	14.98	252	815833	48.759	ng	98
89) Benzo(k)fluoranthene	15.01	252	788431	49.315	ng	98
90) Benzo(a)pyrene	15.33	252	726934	48.179	ng	97
91) Dibenzo(a,h)anthracene	16.83	278	584025	49.069	ng	98
92) Benzo(g,h,i)perylene	17.24	276	573744	49.109	ng	95

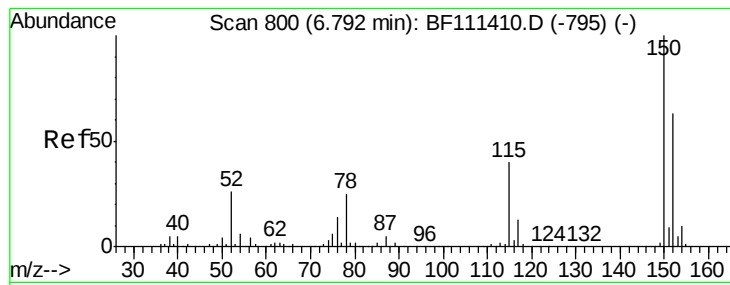
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

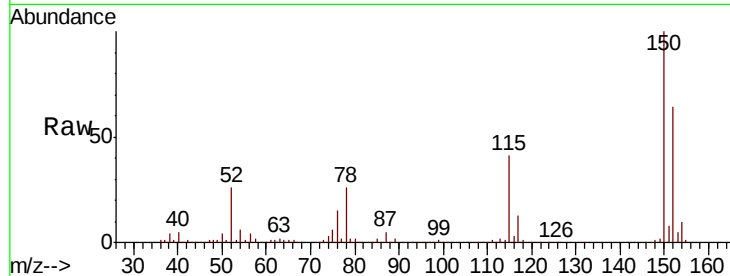
Tgt Ion:152 Resp: 220877

Ion Ratio Lower Upper

152 100

150 156.5 126.6 189.8

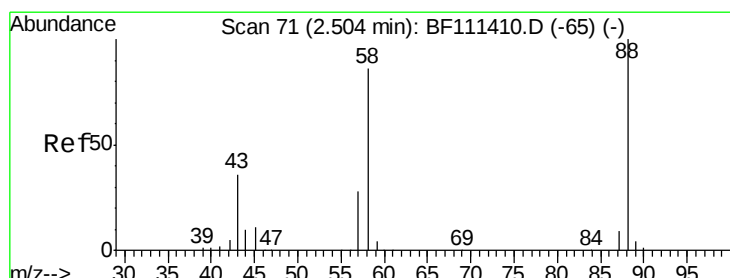
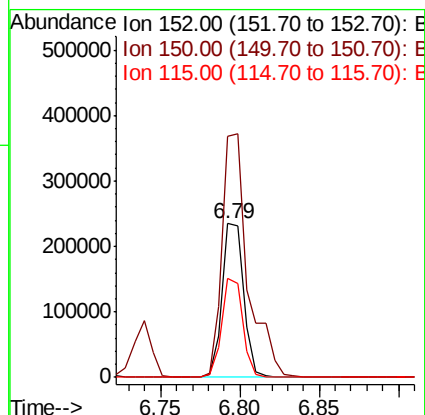
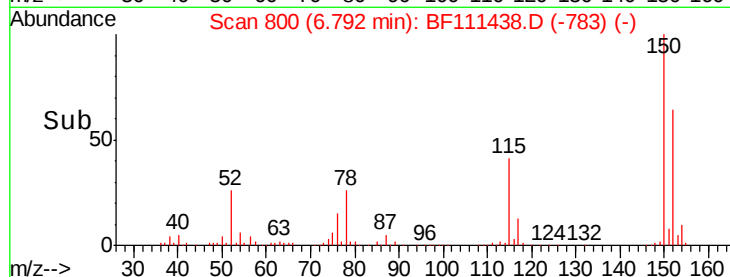
115 64.4 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.987 ng

RT: 2.55 min Scan# 78

Delta R.T. 0.04 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

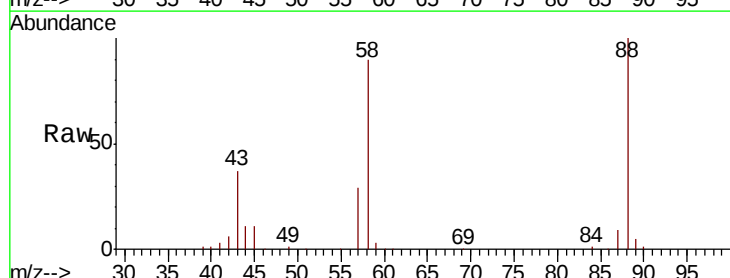
Tgt Ion: 88 Resp: 173008

Ion Ratio Lower Upper

88 100

58 87.9 68.9 103.3

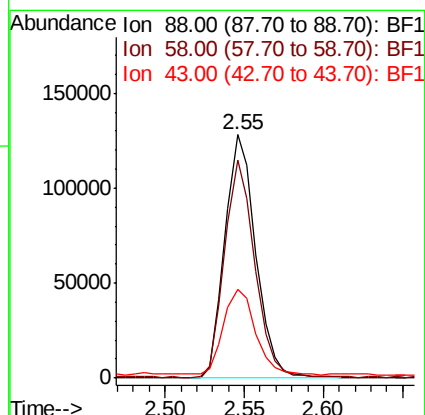
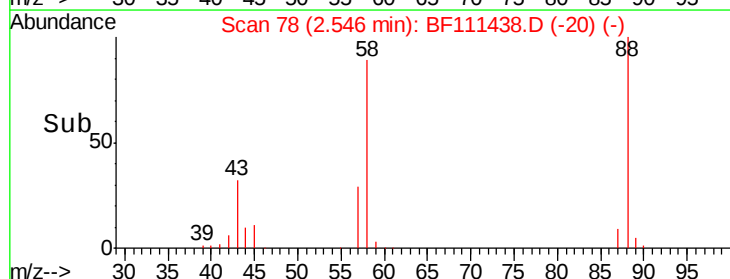
43 36.6 25.8 38.6

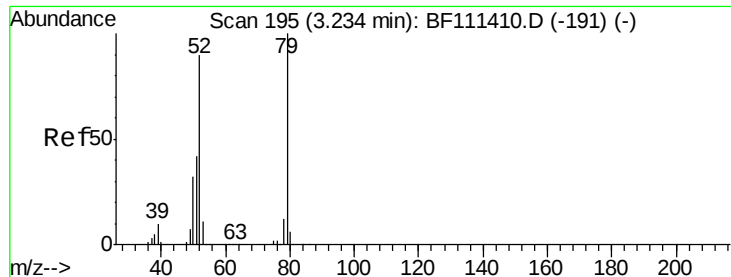


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 26.672 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.05 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

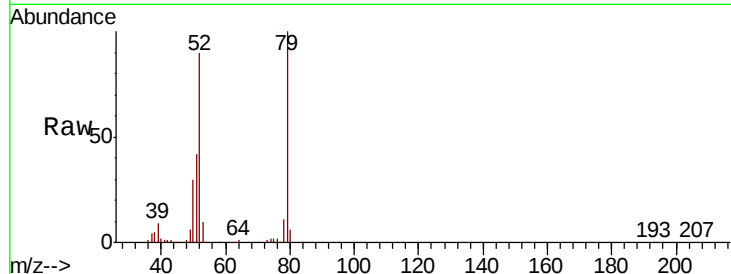
Tgt Ion: 79 Resp: 429439

Ion Ratio Lower Upper

79 100

52 90.1 68.3 102.5

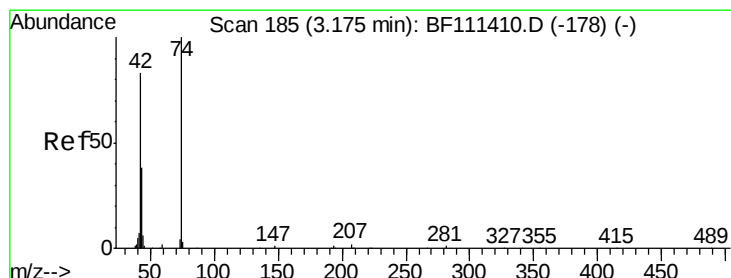
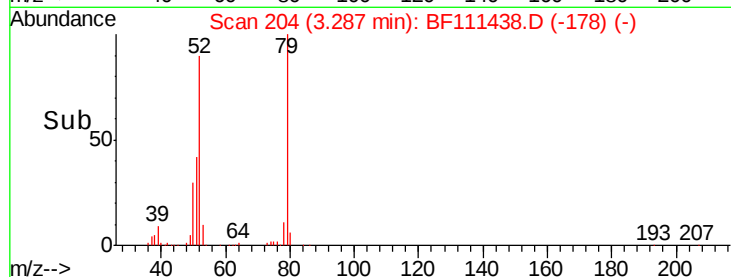
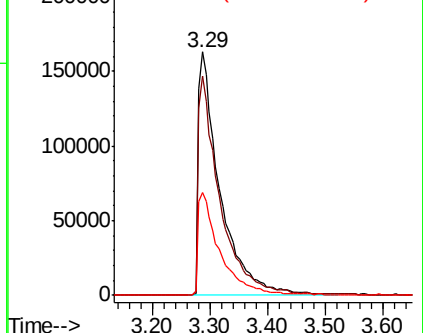
51 42.2 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.584 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.04 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

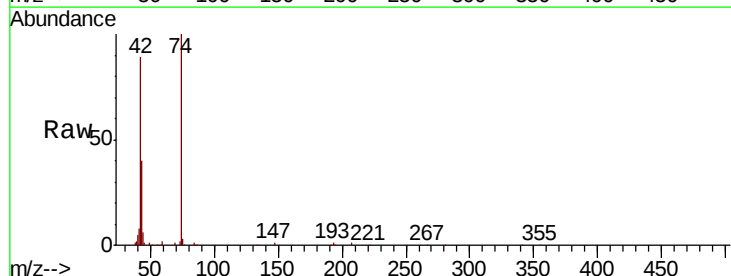
Tgt Ion: 42 Resp: 282180

Ion Ratio Lower Upper

42 100

74 112.8 101.5 152.3

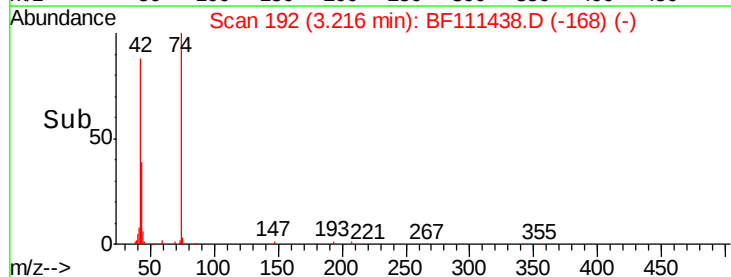
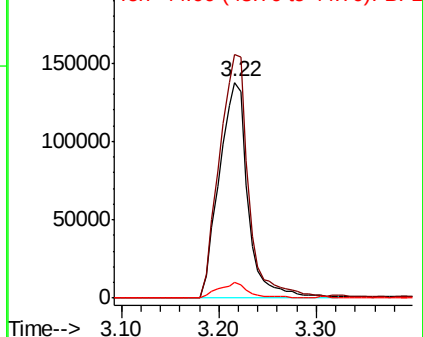
44 7.1 6.0 9.0

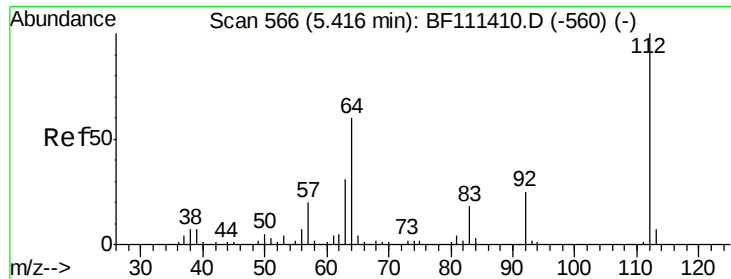


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.697 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

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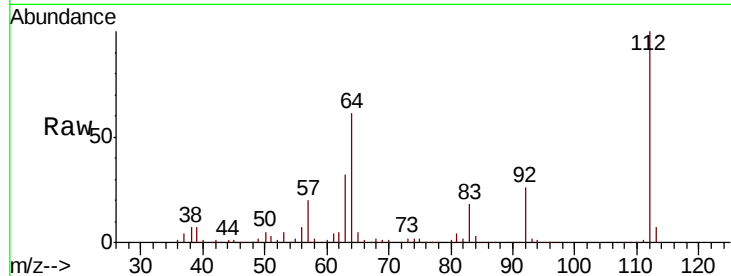
Tgt Ion:112 Resp: 1655156

Ion Ratio Lower Upper

112 100

64 61.2 51.8 77.6

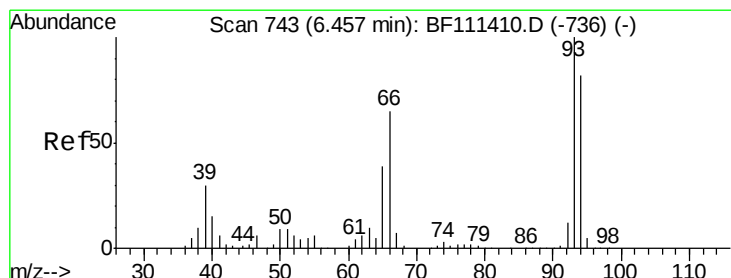
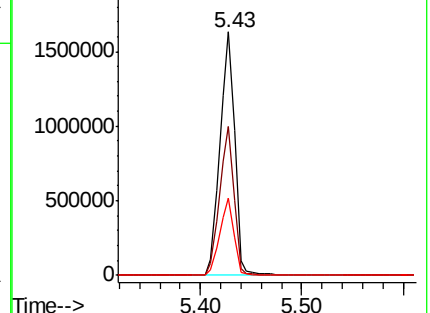
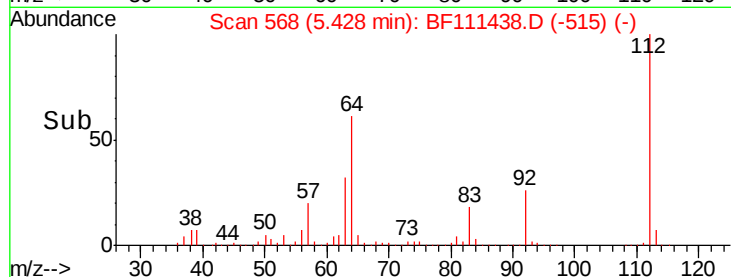
63 31.7 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.133 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

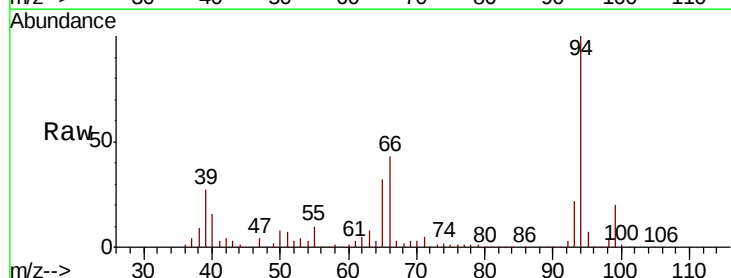
Tgt Ion: 93 Resp: 287621

Ion Ratio Lower Upper

93 100

66 198.1 33.2 49.8#

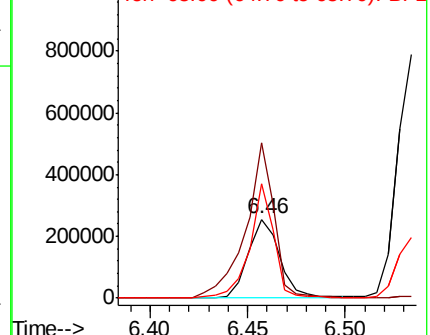
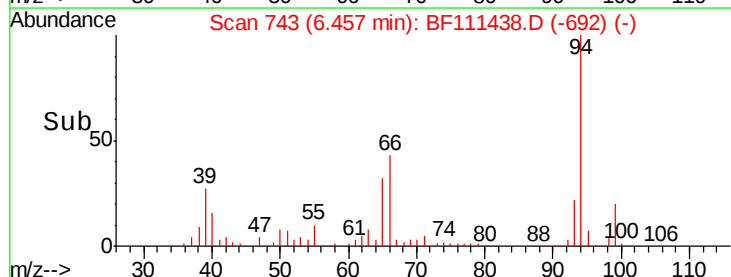
65 146.0 17.0 25.4#

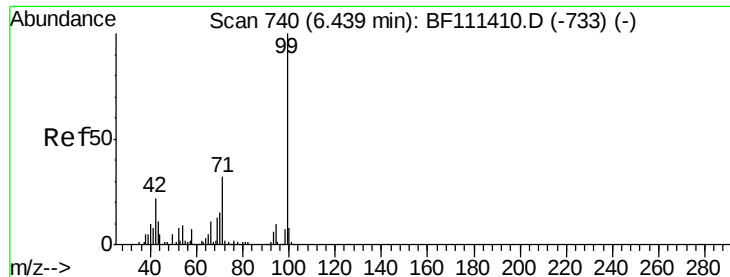


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.272 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

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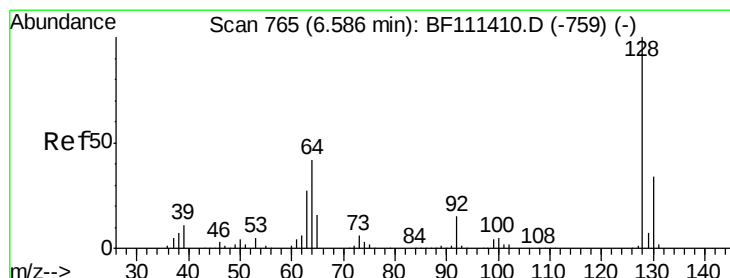
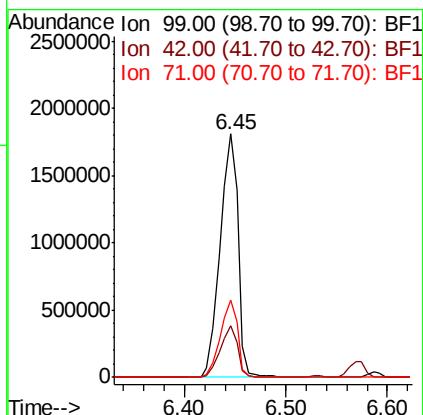
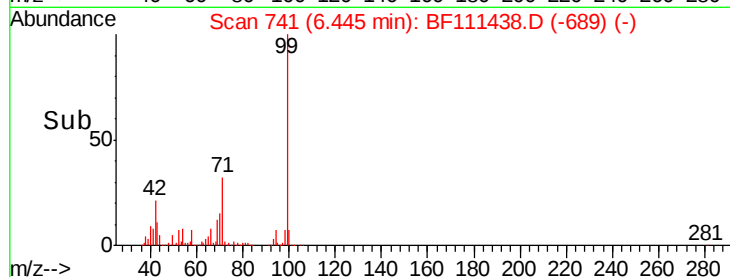
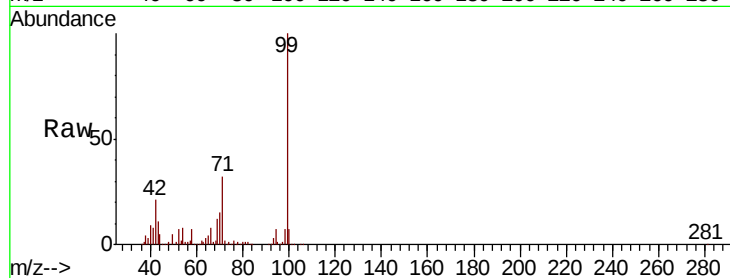
Tgt Ion: 99 Resp: 2229448

Ion Ratio Lower Upper

99 100

42 21.0 17.4 26.0

71 31.5 26.1 39.1



#8

2-Chlorophenol

Concen: 42.452 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

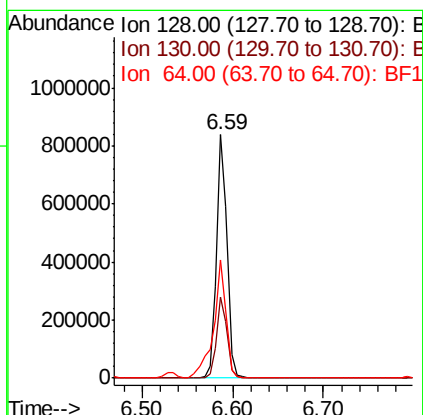
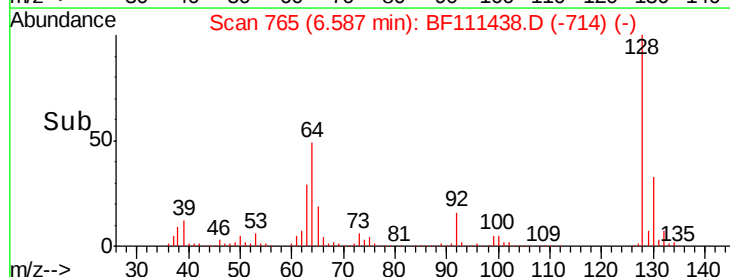
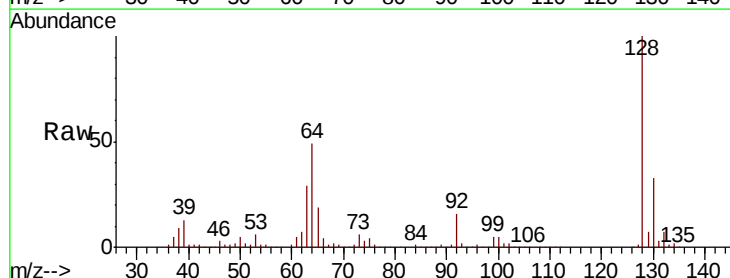
Tgt Ion: 128 Resp: 673266

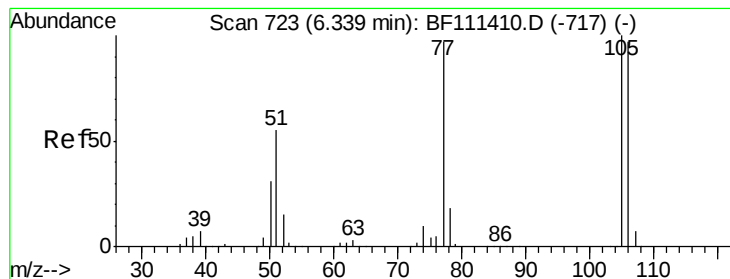
Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 48.7 30.0 70.0





#9

Benzaldehyde

Concen: 29.052 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

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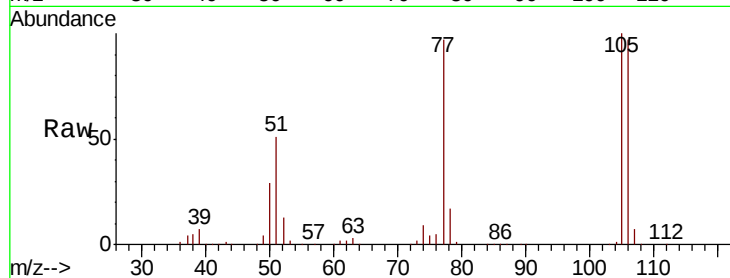
Tgt Ion: 77 Resp: 311120

Ion Ratio Lower Upper

77 100

105 102.9 81.4 121.4

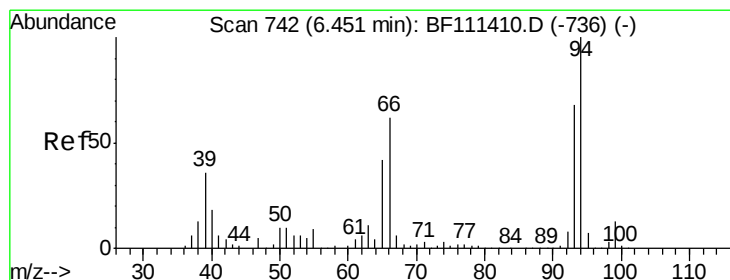
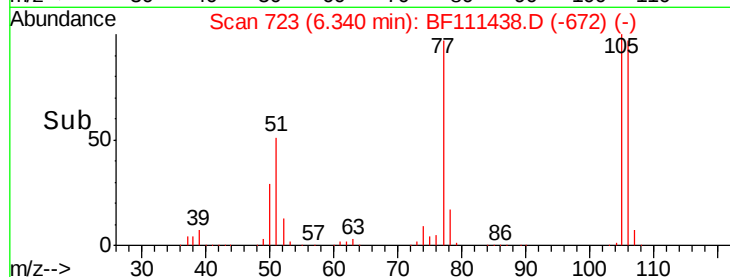
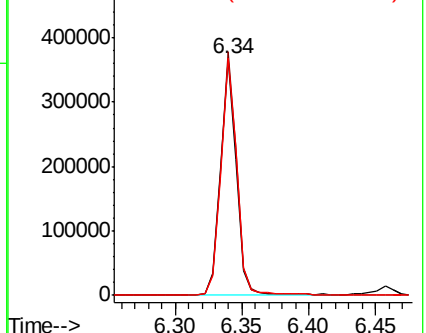
106 100.1 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 47.355 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

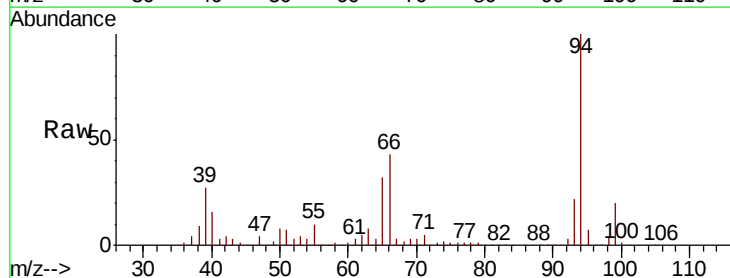
Tgt Ion: 94 Resp: 931395

Ion Ratio Lower Upper

94 100

65 32.0 11.7 51.7

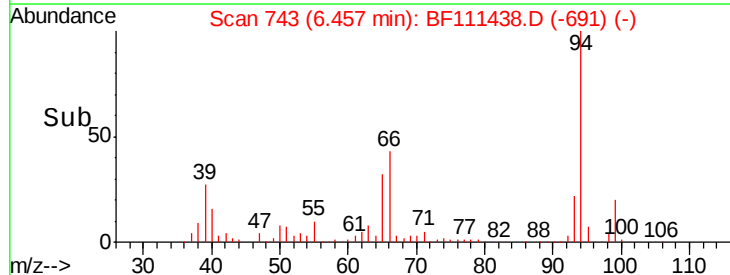
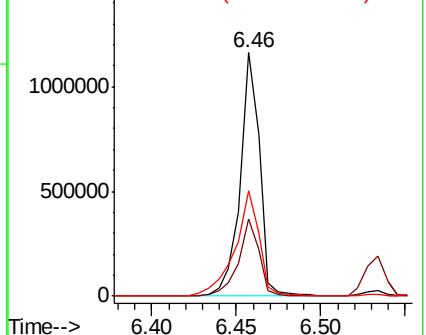
66 43.4 21.0 61.0

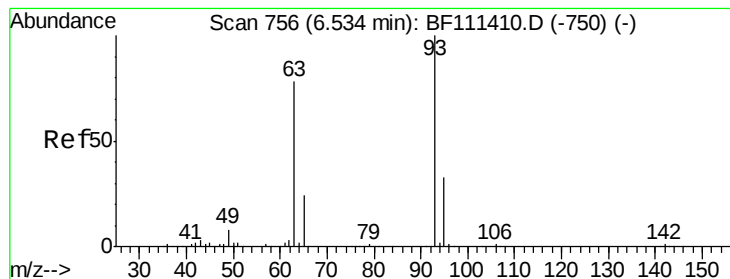


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.616 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

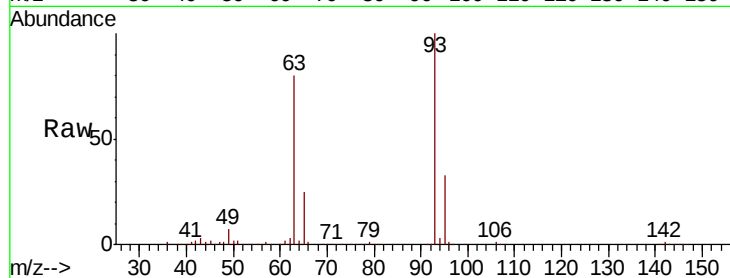
Tgt Ion: 93 Resp: 641648

Ion Ratio Lower Upper

93 100

63 79.6 60.0 100.0

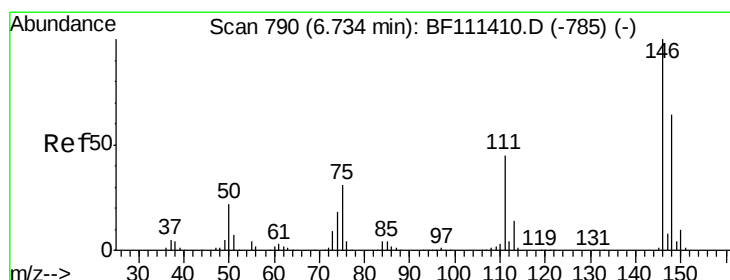
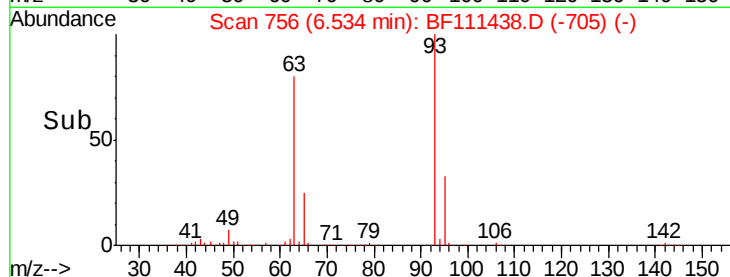
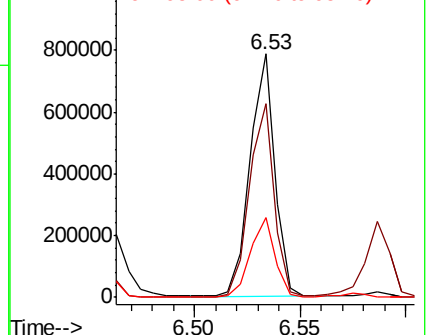
95 32.9 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.227 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

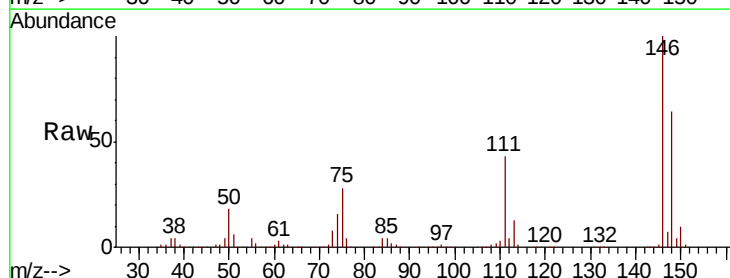
Tgt Ion: 146 Resp: 684830

Ion Ratio Lower Upper

146 100

148 63.9 52.1 78.1

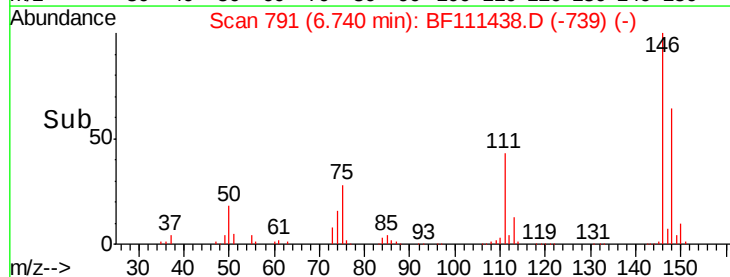
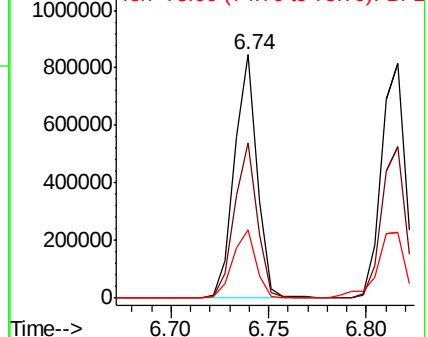
75 28.0 23.9 35.9

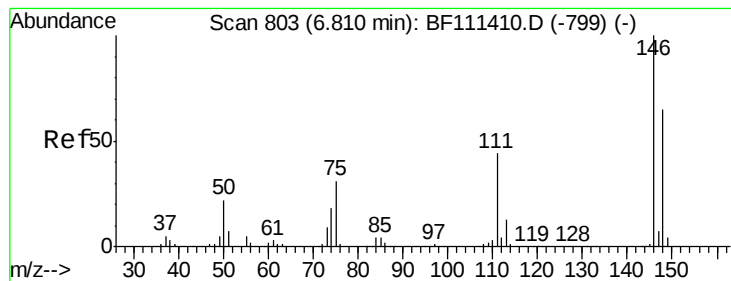


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.787 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

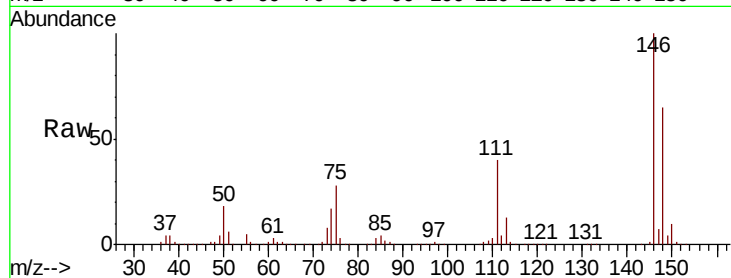
Tgt Ion:146 Resp: 705040

Ion Ratio Lower Upper

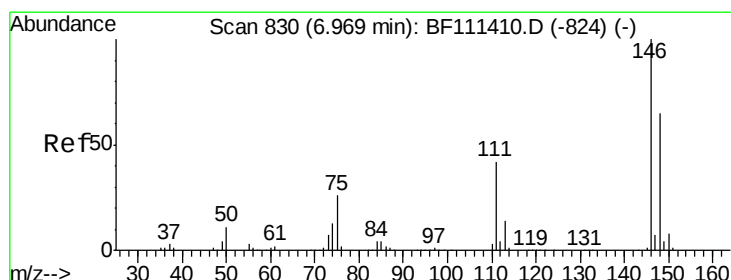
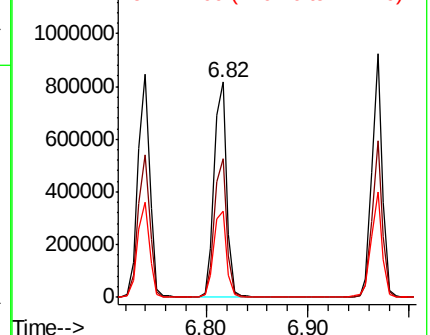
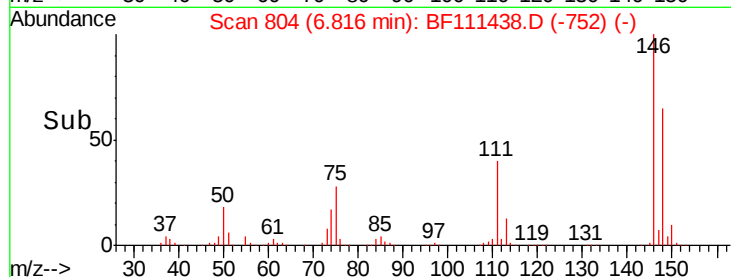
146 100

148 64.6 52.8 79.2

111 39.7 33.4 50.0



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: 39.676 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

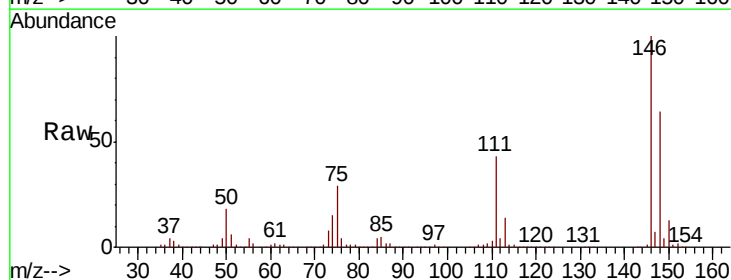
Tgt Ion:146 Resp: 661424

Ion Ratio Lower Upper

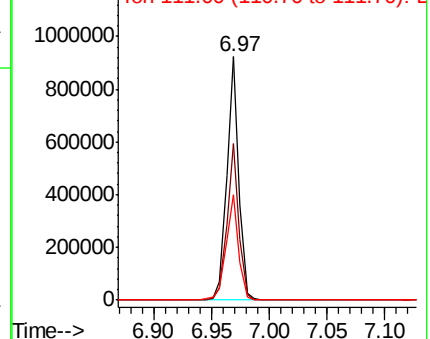
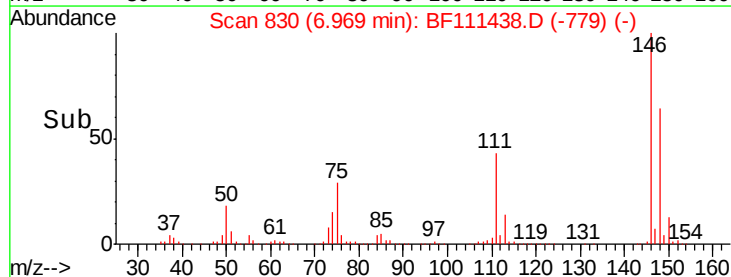
146 100

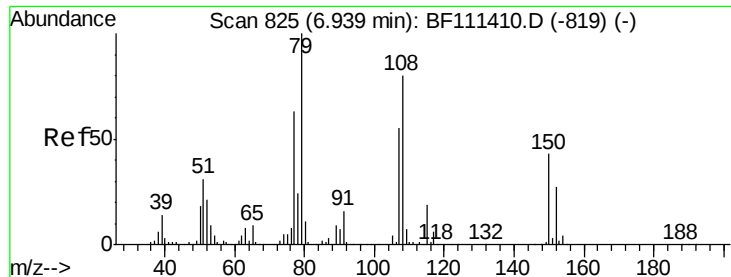
148 64.4 51.9 77.9

111 43.4 36.2 54.4



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: 40.757 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

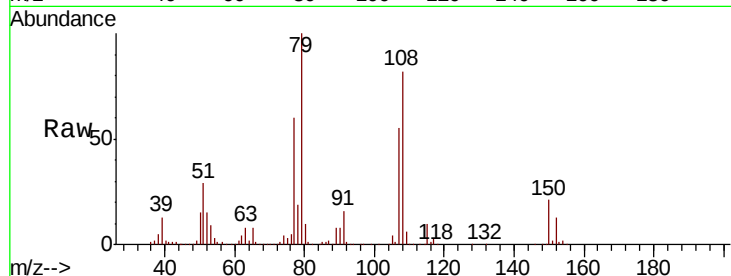
Tgt Ion: 79 Resp: 547547

Ion Ratio Lower Upper

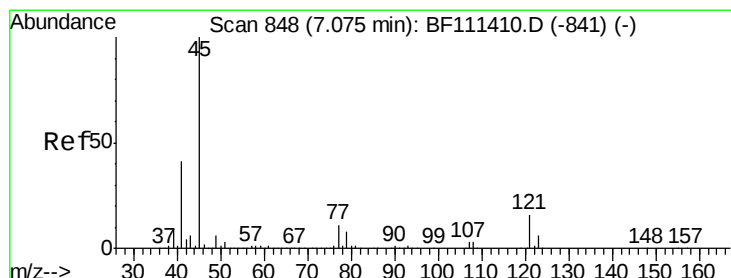
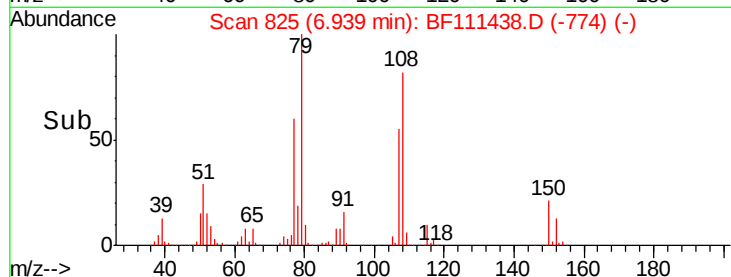
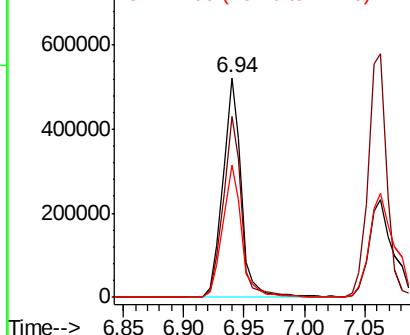
79 100

108 82.5 69.4 104.2

77 60.3 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.865 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

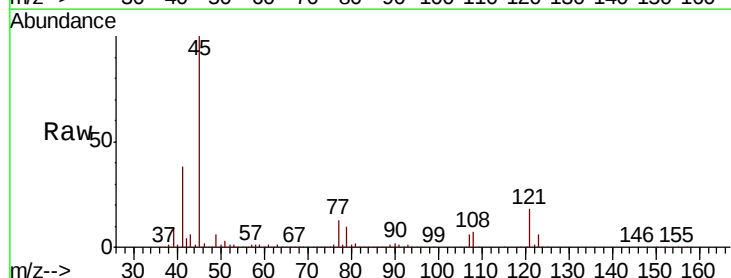
Tgt Ion: 45 Resp: 1169990

Ion Ratio Lower Upper

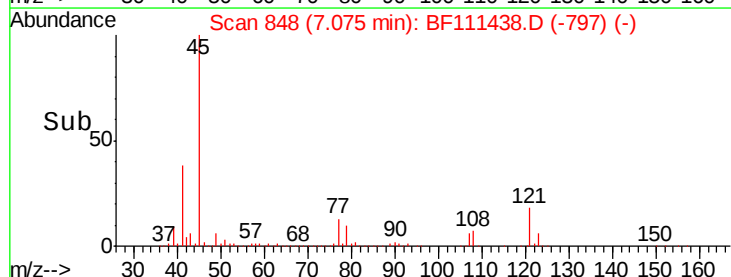
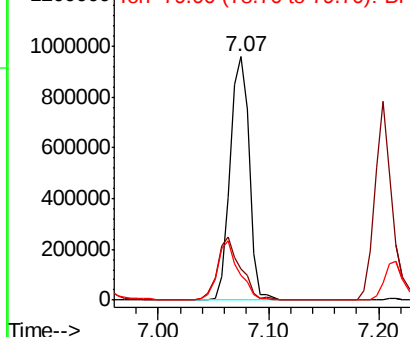
45 100

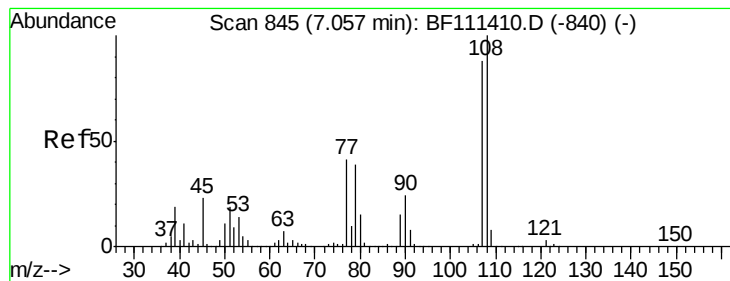
77 12.6 0.0 31.5

79 10.3 0.0 28.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.465 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

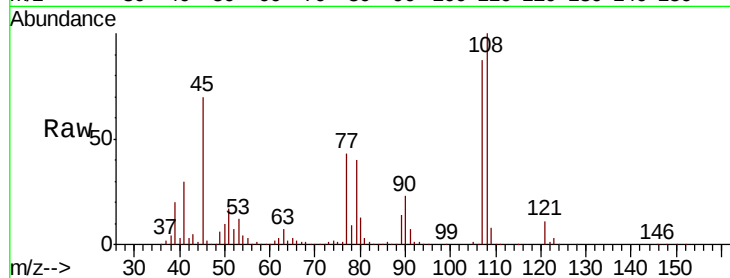
Instrument :

BNA_G

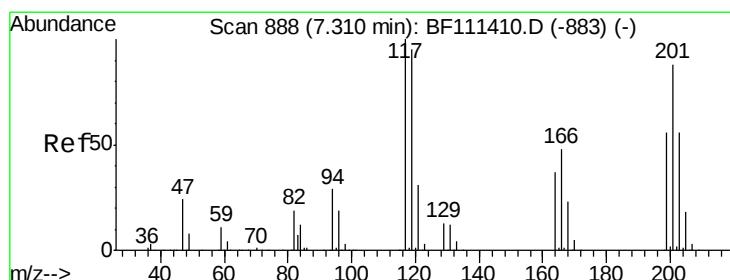
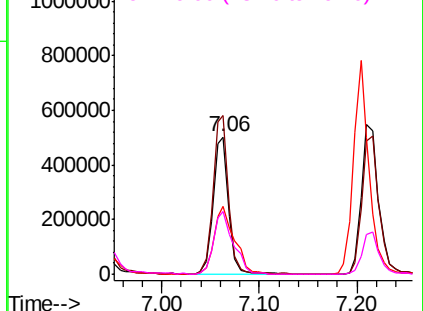
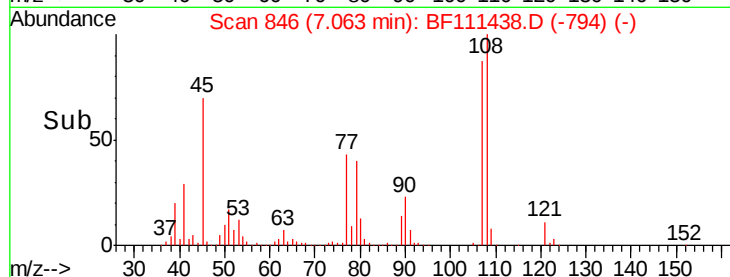
ClientSampleId :

SB-2MSD

Tgt Ion:	107	Resp:	542017
Ion	Ratio	Lower	Upper
107	100		
108	115.0	91.0	136.4
77	49.4	33.5	50.3
79	46.0	33.3	49.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.238 ng

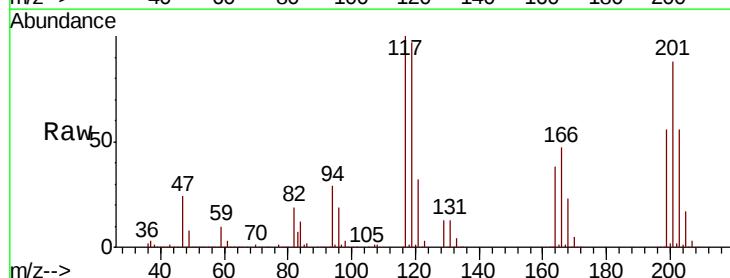
RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

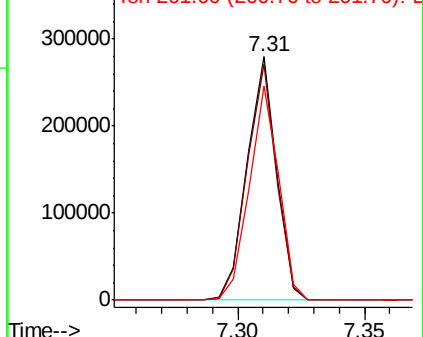
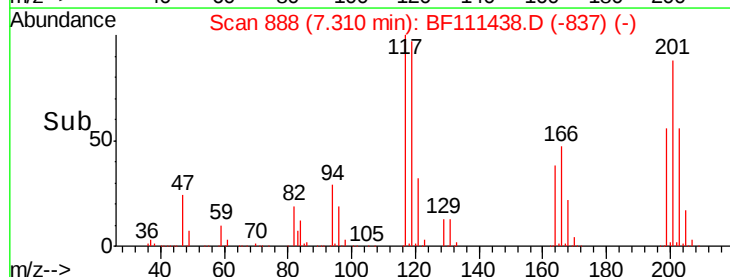
Lab File: BF111438.D

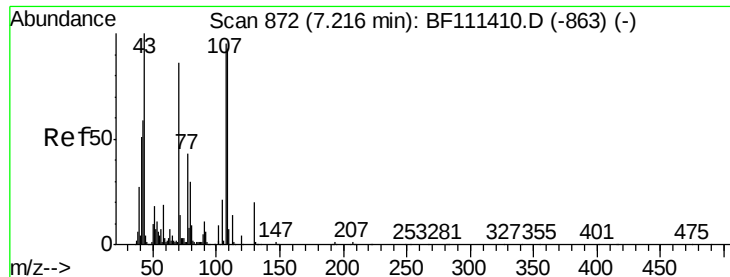
Acq: 15 Dec 2018 00:12

Tgt Ion:	117	Resp:	225789
Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.4	113.0
201	88.0	62.4	93.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

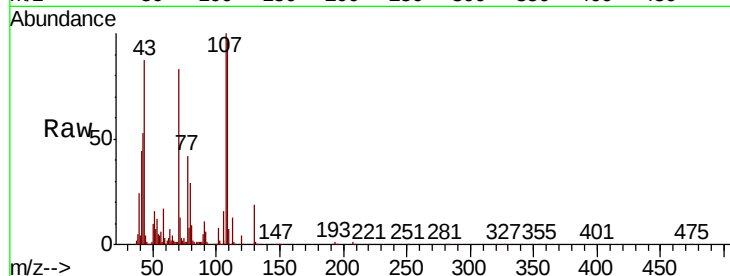




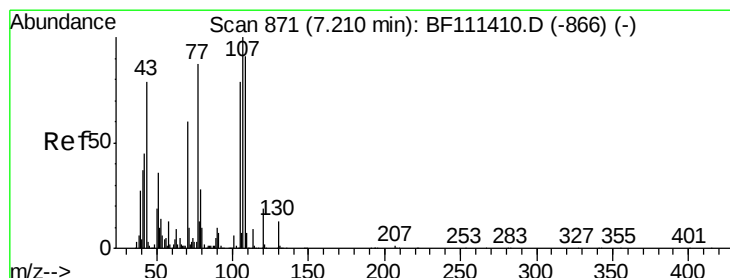
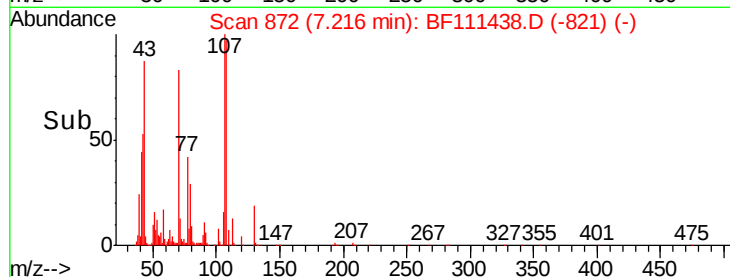
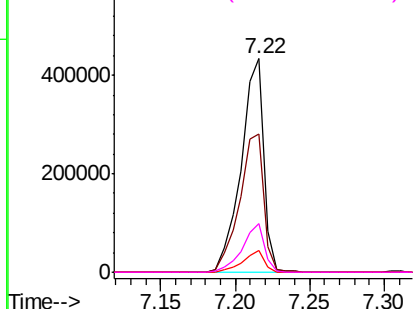
#19
n-Nitroso-di-n-propylamine
Concen: 39.297 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tgt Ion:	70	Resp:	457752
Ion	Ratio	Lower	Upper
70	100		
42	64.5	53.2	79.8
101	10.1	8.2	12.4
130	22.7	18.1	27.1

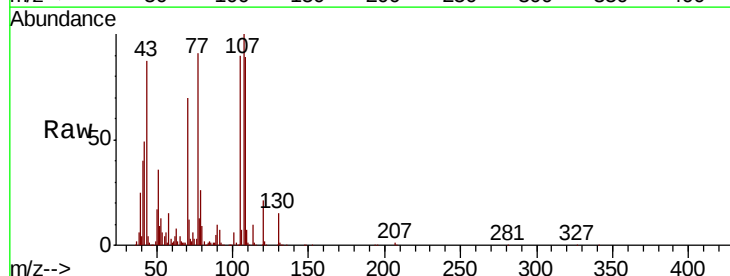


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

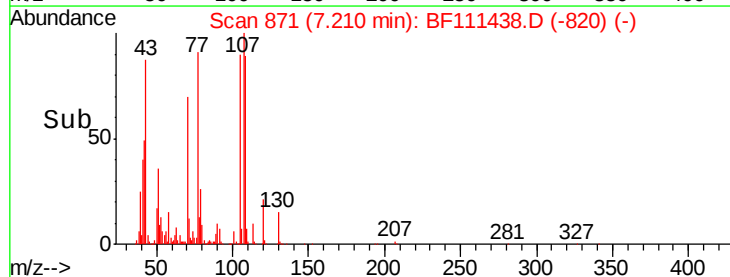
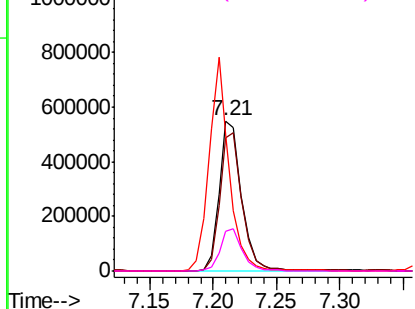


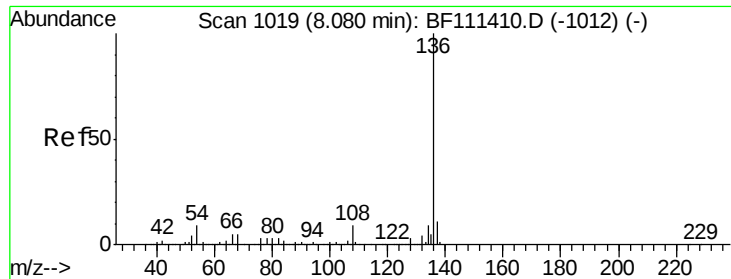
#20
3+4-Methylphenols
Concen: 41.944 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:	107	Resp:	671548
Ion	Ratio	Lower	Upper
107	100		
108	88.7	72.1	112.1
77	90.9	94.1	134.1#
79	26.4	9.8	49.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

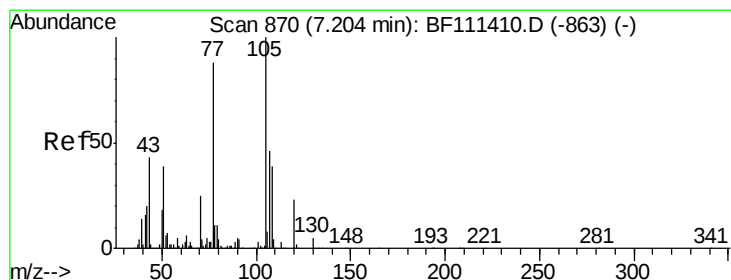
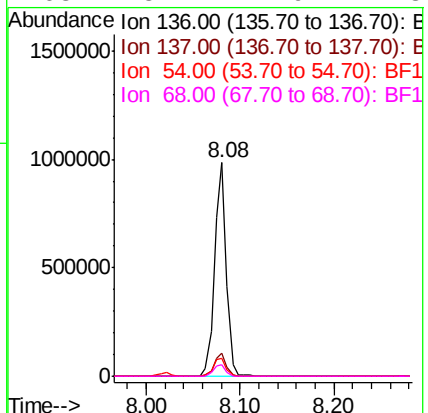
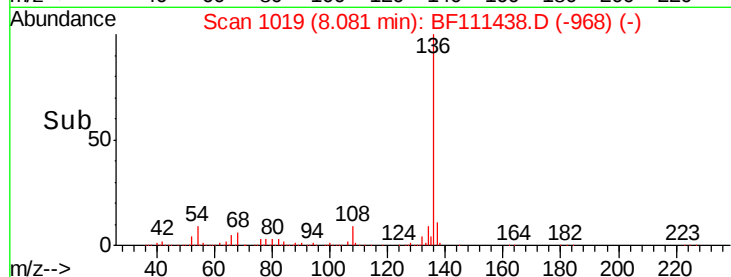
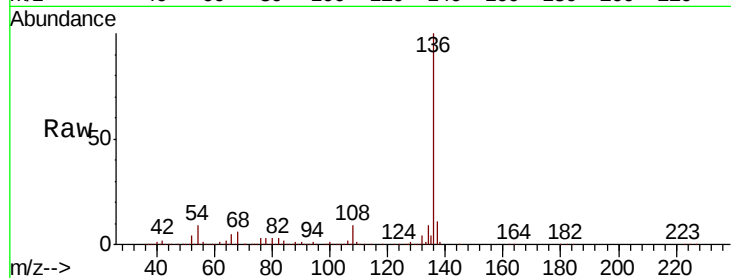




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

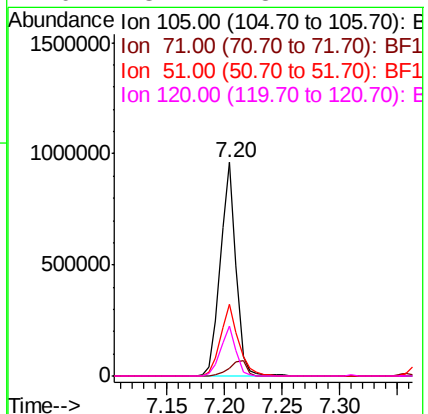
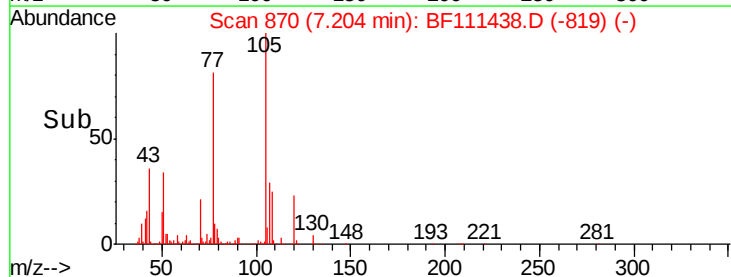
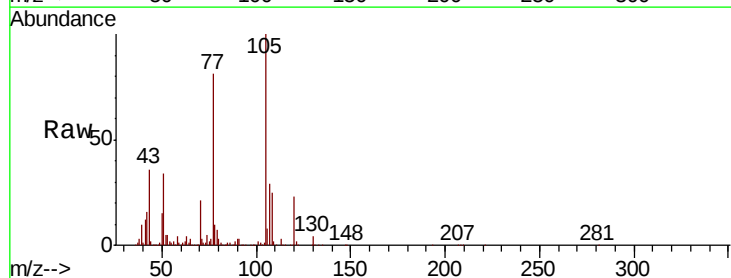
Instrument :
BNA_G
ClientSampleId :
SB-2MSD

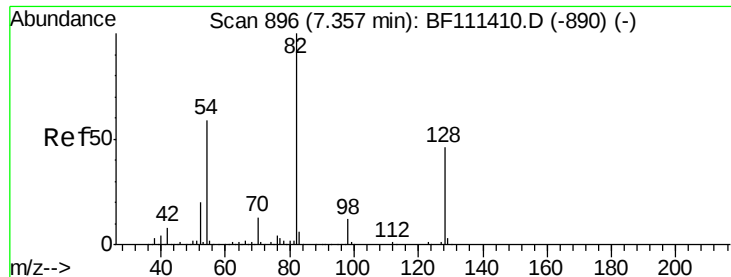
Tgt Ion:	136	Resp:	869568
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.7	7.7	11.5
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 46.697 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:	105	Resp:	906467
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.1	4.7
51	33.6	36.6	54.8#
120	23.4	18.2	27.4





#23

Nitrobenzene-d5

Concen: 93.665 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

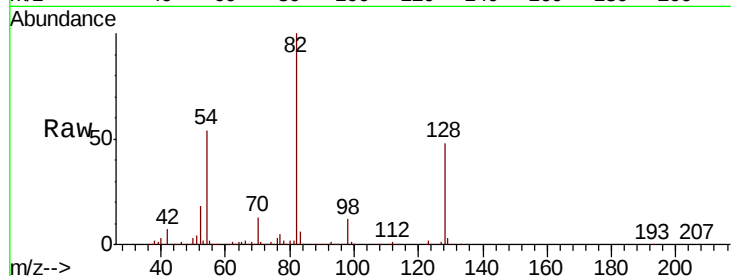
Tgt Ion: 82 Resp: 1367755

Ion Ratio Lower Upper

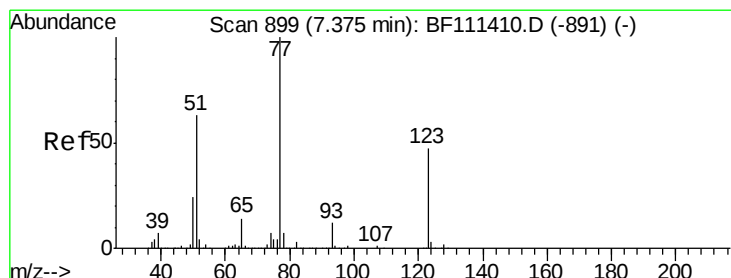
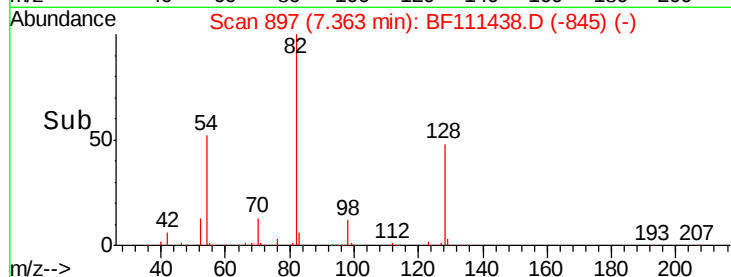
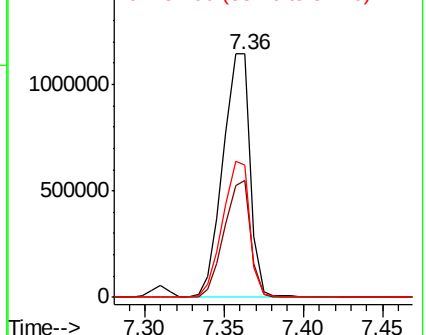
82 100

128 48.2 37.4 56.2

54 54.4 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 45.083 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

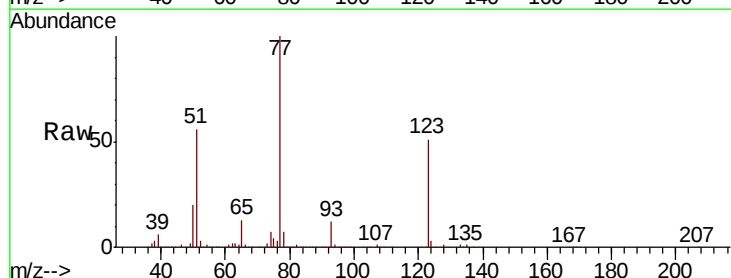
Tgt Ion: 77 Resp: 671575

Ion Ratio Lower Upper

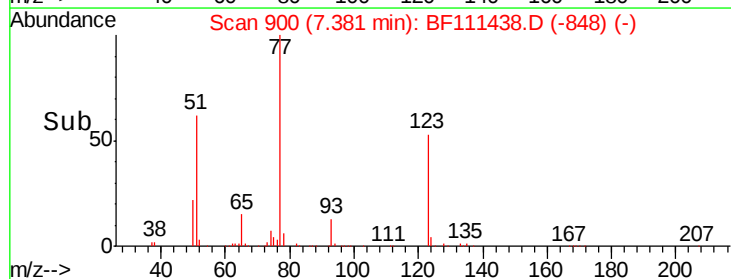
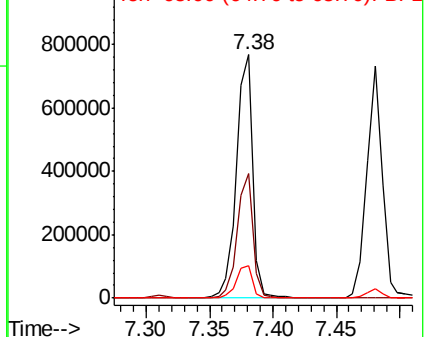
77 100

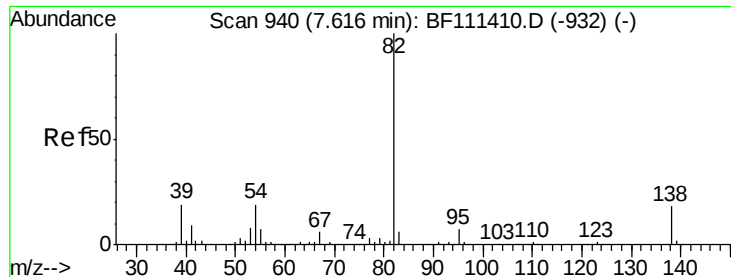
123 51.3 37.2 55.8

65 13.2 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.543 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

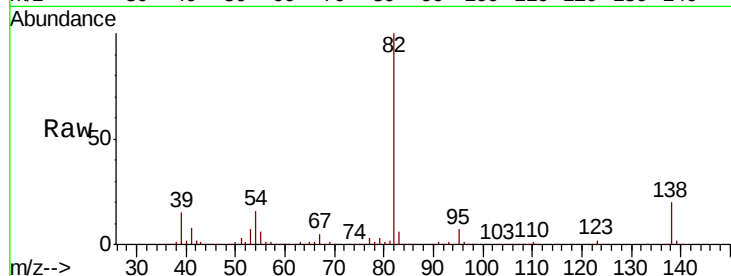
Tgt Ion: 82 Resp: 1224101

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

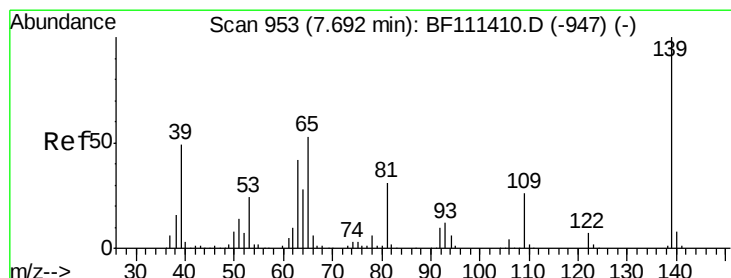
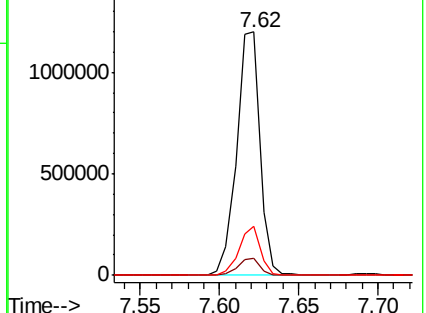
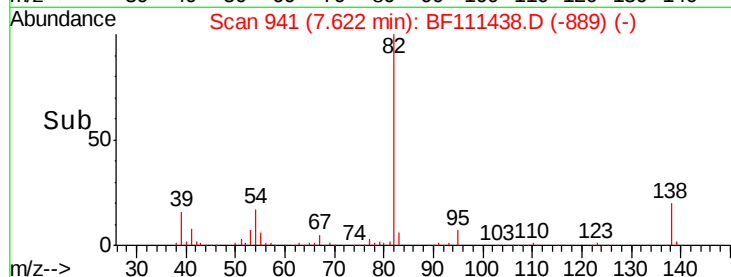
138 19.9 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.839 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

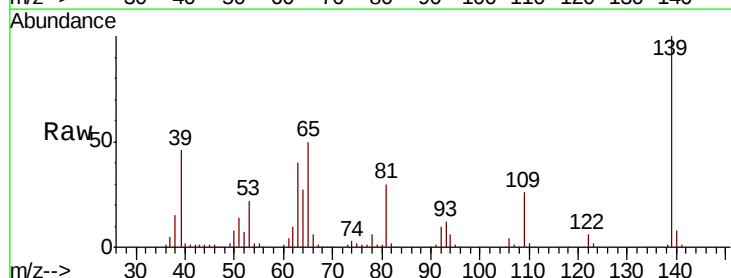
Tgt Ion: 139 Resp: 315491

Ion Ratio Lower Upper

139 100

109 25.5 20.2 30.4

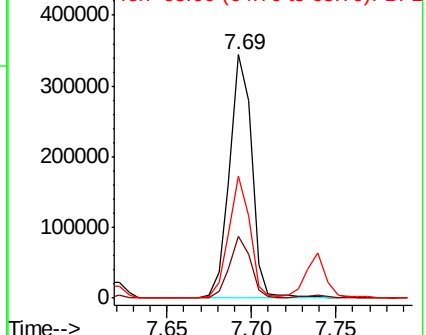
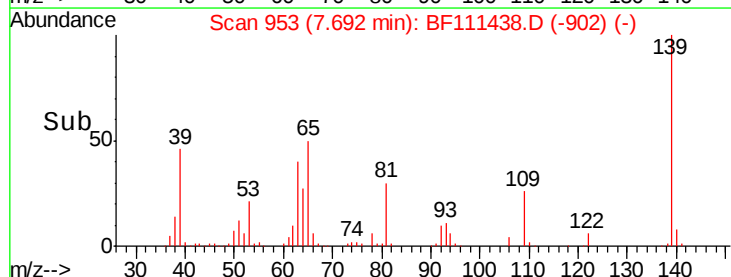
65 50.1 40.7 61.1

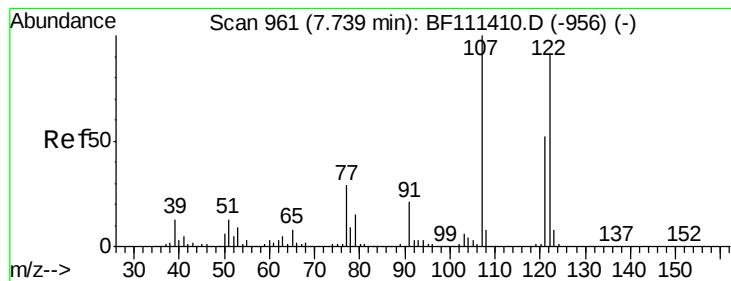


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

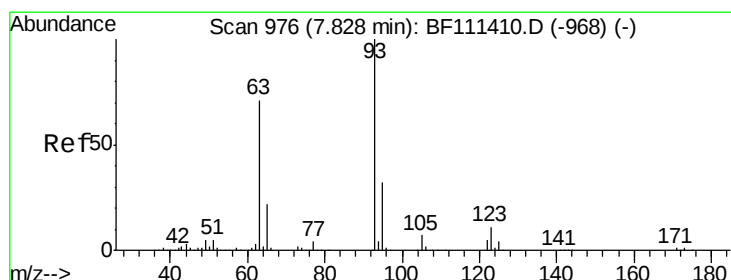
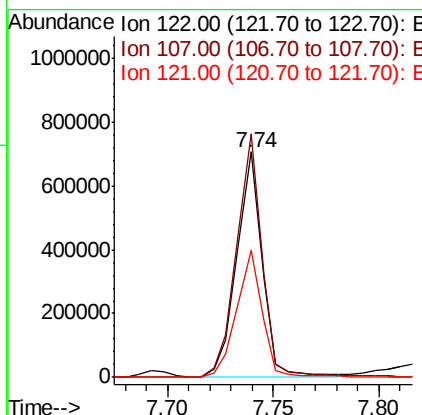
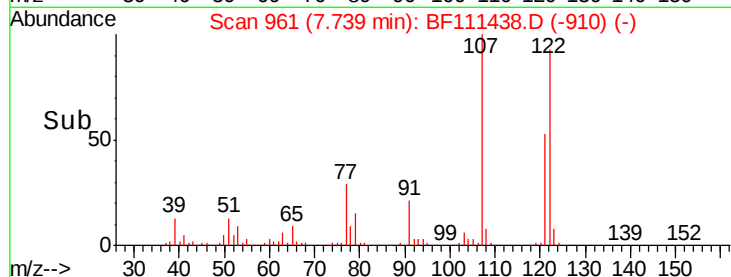
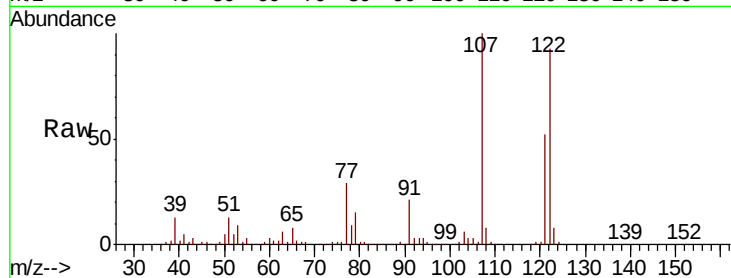




#27
 2,4-Dimethylphenol
 Concen: 52.507 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

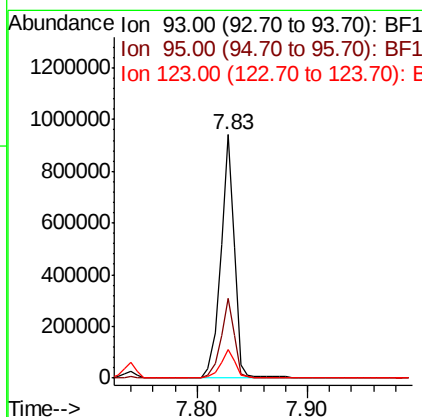
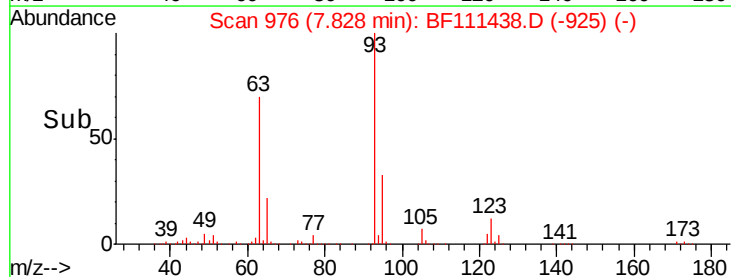
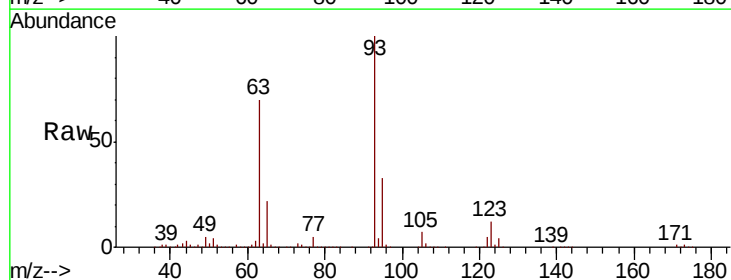
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

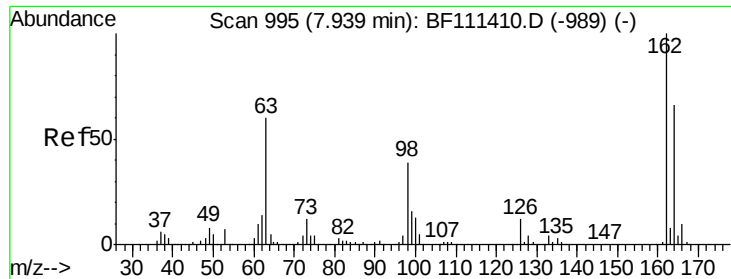
Tgt Ion:122 Resp: 588051
 Ion Ratio Lower Upper
 122 100
 107 108.0 85.5 128.3
 121 56.6 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.552 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion: 93 Resp: 811095
 Ion Ratio Lower Upper
 93 100
 95 32.7 27.1 40.7
 123 11.8 9.9 14.9

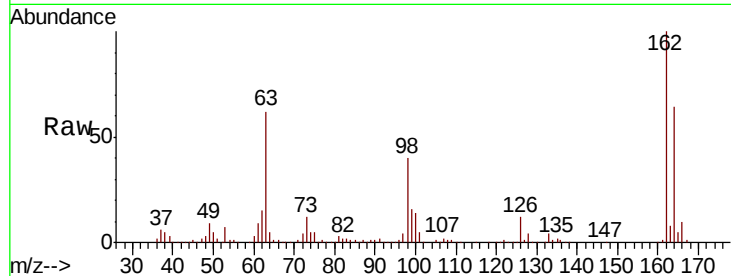




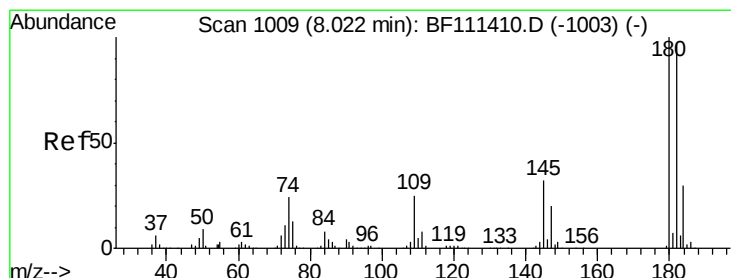
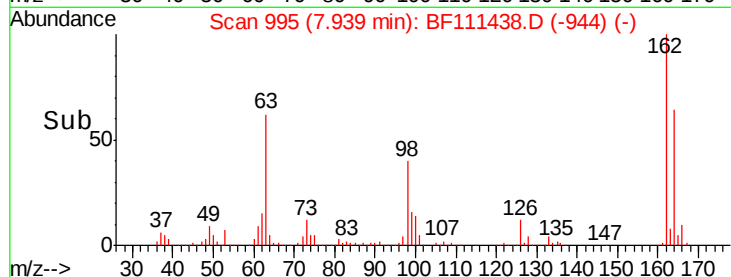
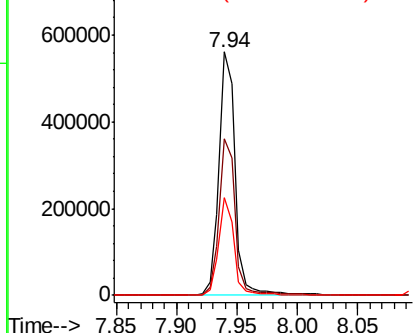
#29
 2,4-Dichlorophenol
 Concen: 43.568 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.4	84.4
98	40.0	20.3	60.3

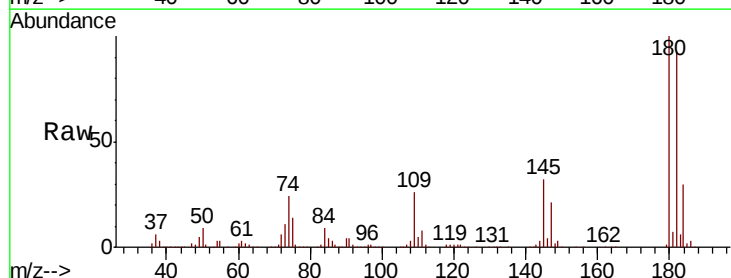


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

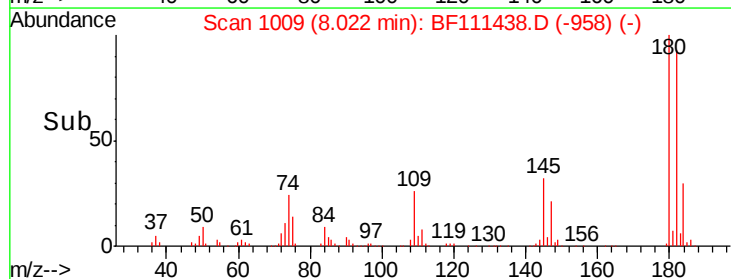
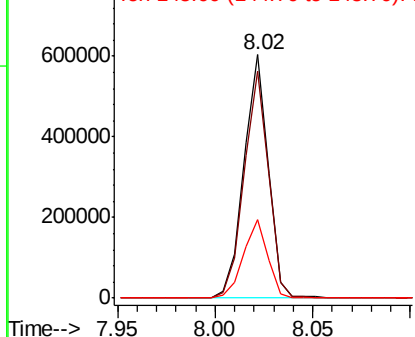


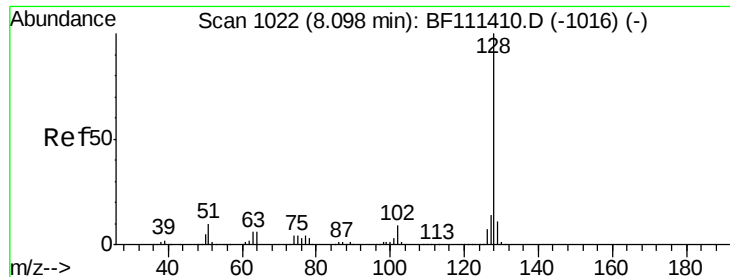
#30
 1,2,4-Trichlorobenzene
 Concen: 41.683 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.6	113.4
145	32.2	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

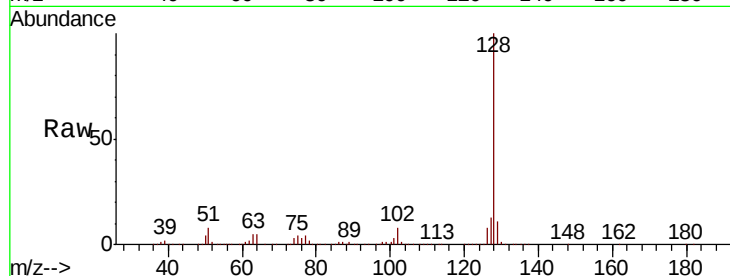




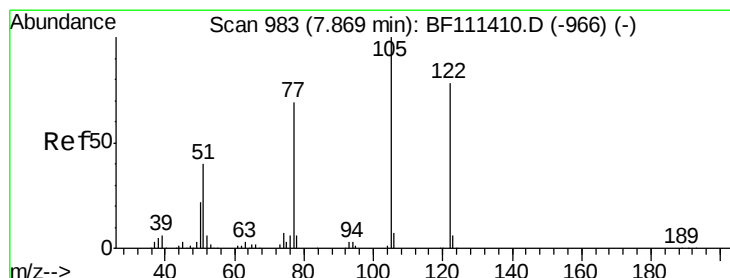
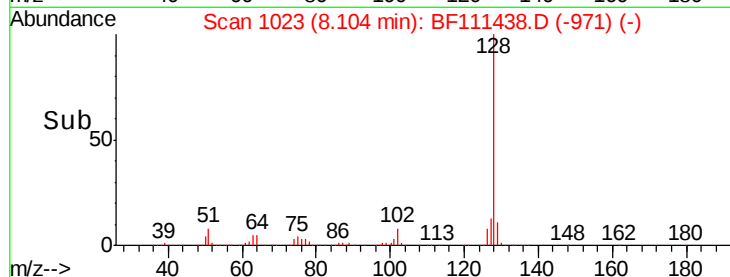
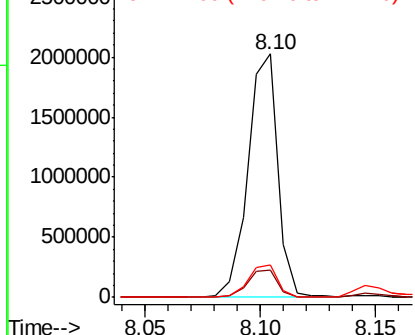
#31
Naphthalene
Concen: 45.068 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tgt Ion:128 Resp: 1833000
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.5 12.0 18.0

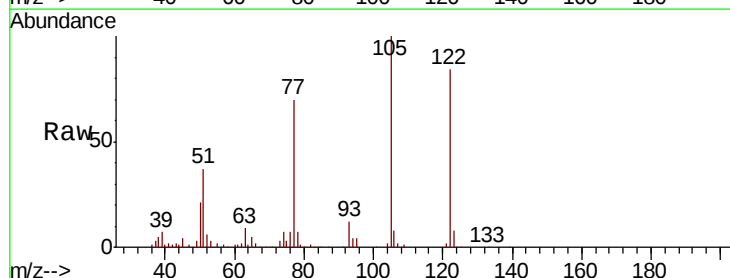


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

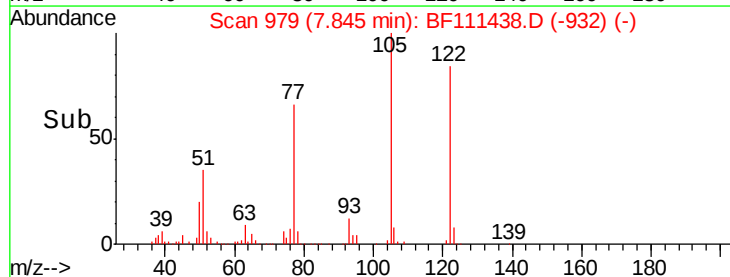
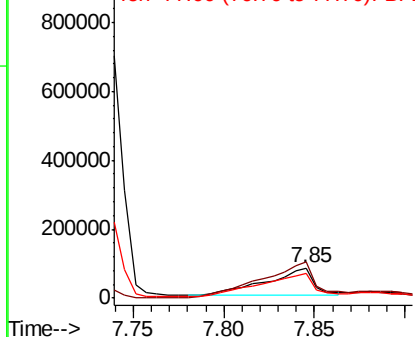


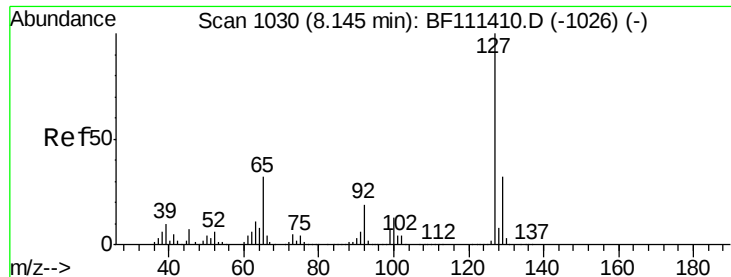
#32
Benzoic acid
Concen: 15.717 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:122 Resp: 152111
Ion Ratio Lower Upper
122 100
105 119.3 97.0 137.0
77 83.0 65.7 105.7



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): BF1

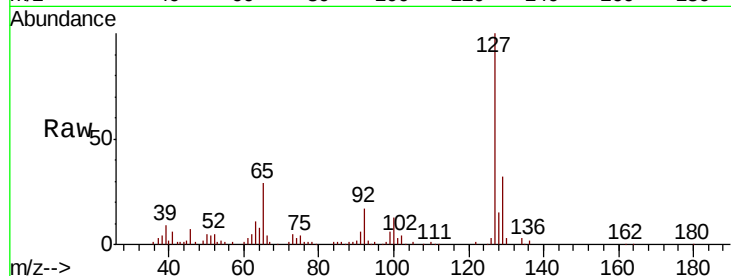




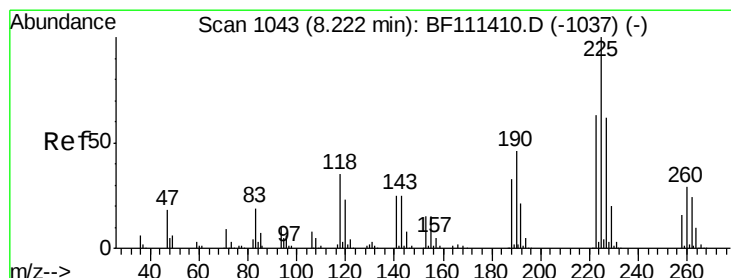
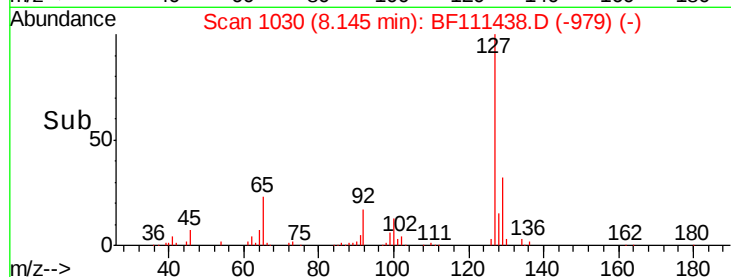
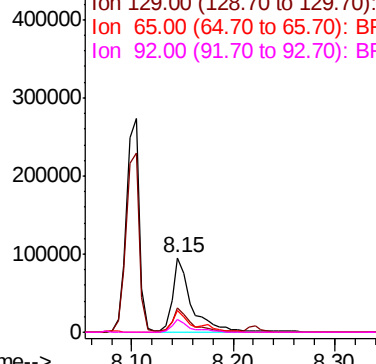
#33
4-Chloroaniline
Concen: 6.825 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tgt Ion:	127	Resp:	123426
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	29.0	25.7	38.5
92	17.2	15.4	23.2

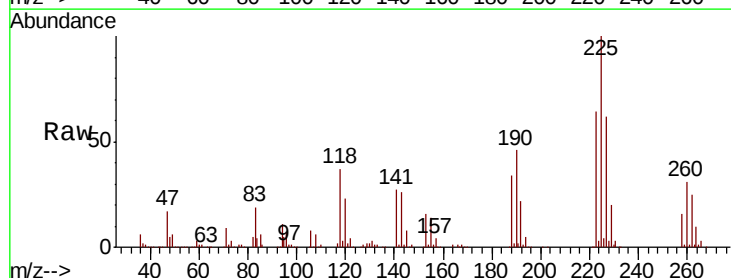


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

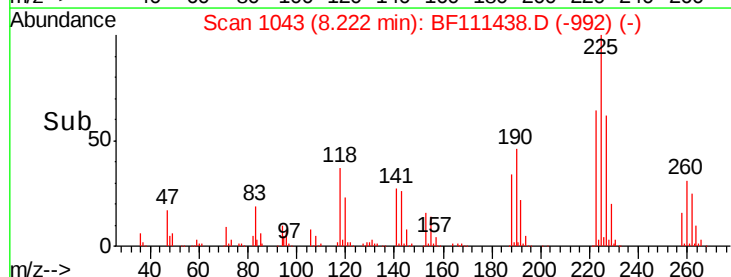
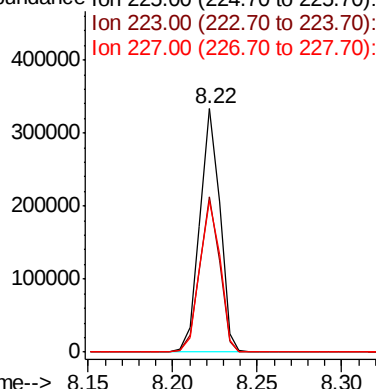


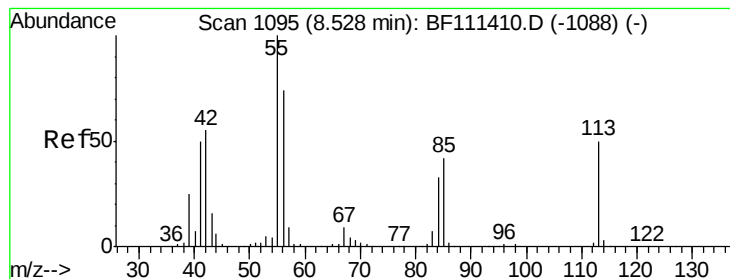
#34
Hexachlorobutadiene
Concen: 39.961 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:	225	Resp:	275541
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.7	76.1
227	62.5	52.6	78.8



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: 37.254 ng

RT: 8.52 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

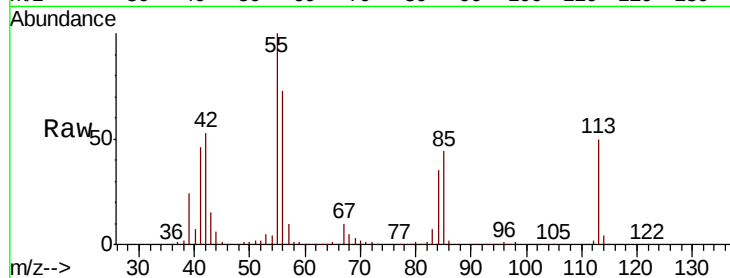
Tgt Ion:113 Resp: 165361

Ion Ratio Lower Upper

113 100

55 200.3 184.1 224.1

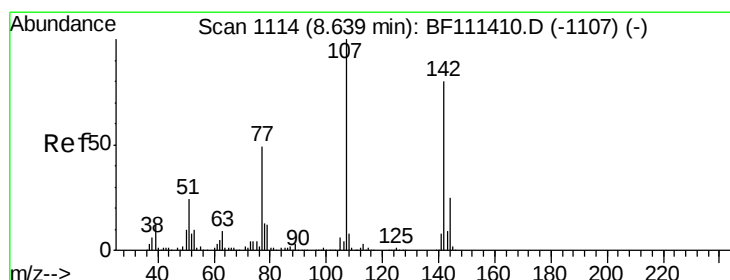
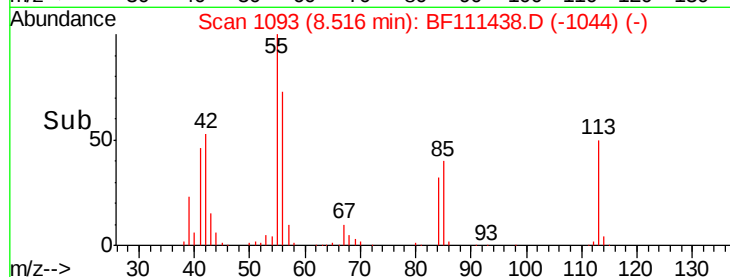
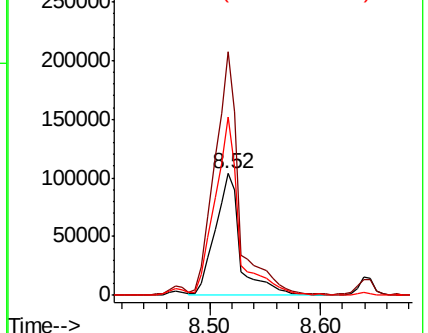
56 146.6 126.0 166.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.959 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

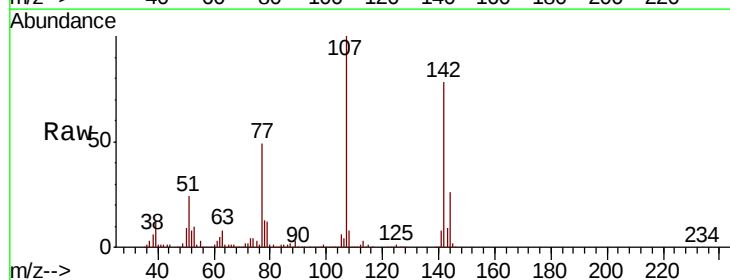
Tgt Ion:107 Resp: 539007

Ion Ratio Lower Upper

107 100

144 26.3 19.8 29.6

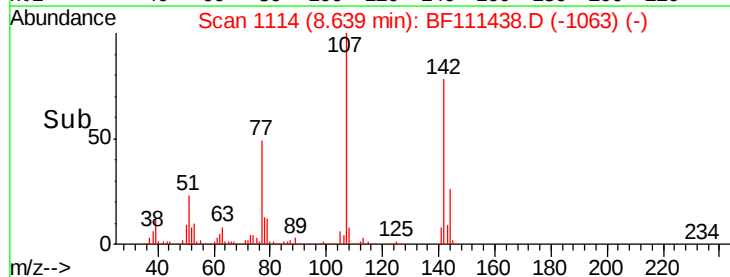
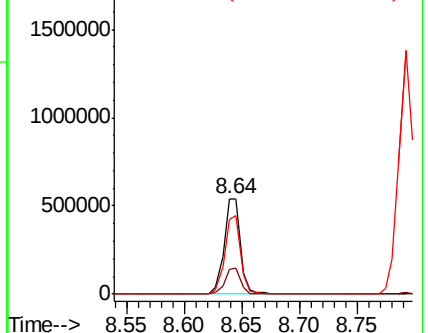
142 77.5 62.3 93.5

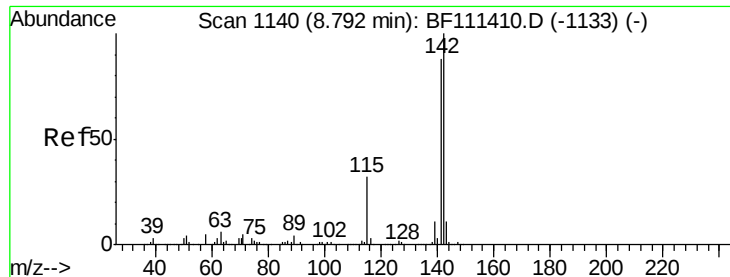


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

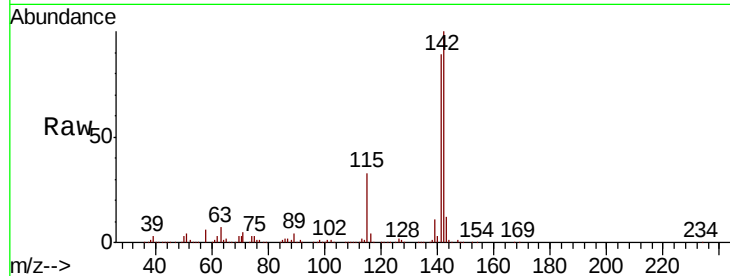




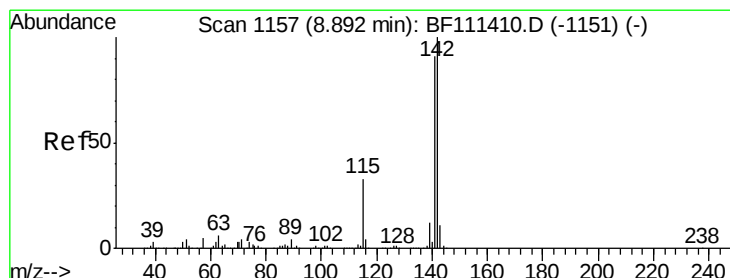
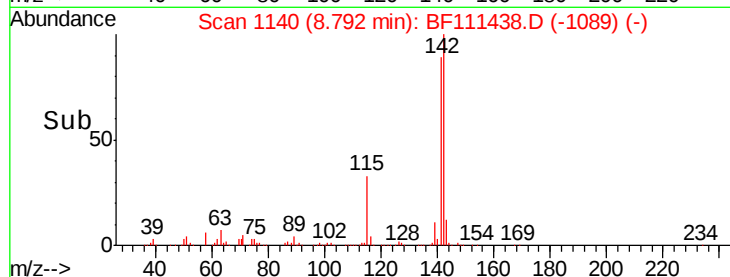
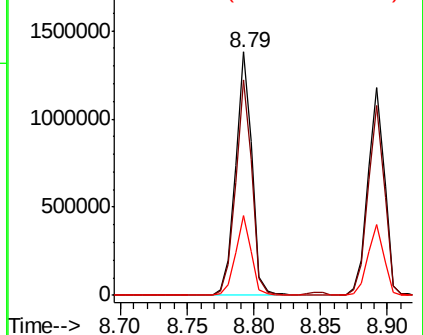
#37
2-Methylnaphthalene
Concen: 43.270 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tgt Ion:142 Resp: 1190846
Ion Ratio Lower Upper
142 100
141 88.7 70.6 105.8
115 32.7 27.0 40.6

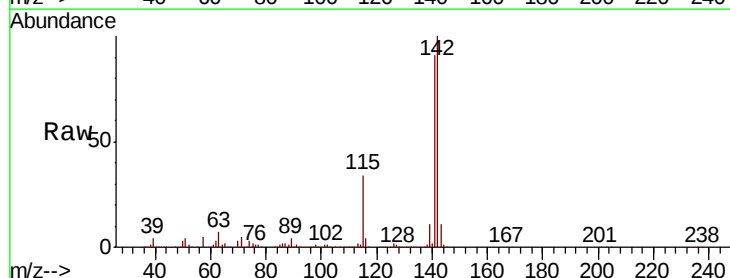


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

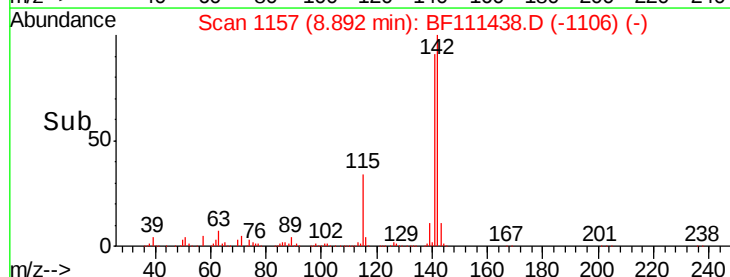
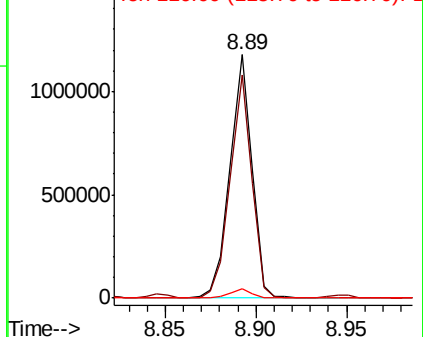


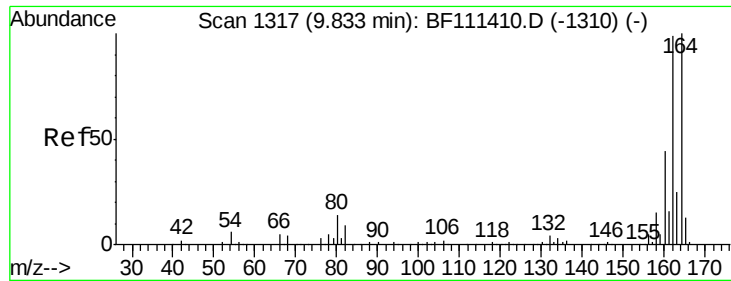
#38
1-Methylnaphthalene
Concen: 37.576 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:142 Resp: 999065
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4
116 3.7 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

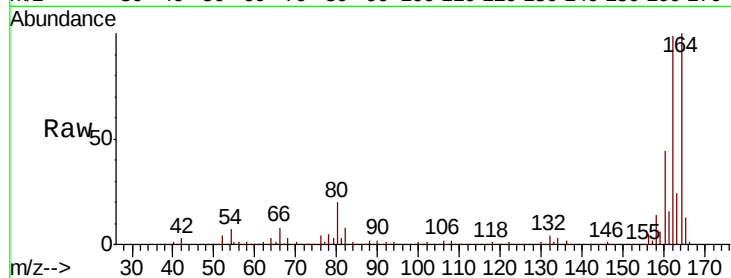
Tgt Ion:164 Resp: 268348

Ion Ratio Lower Upper

164 100

162 99.0 81.4 122.0

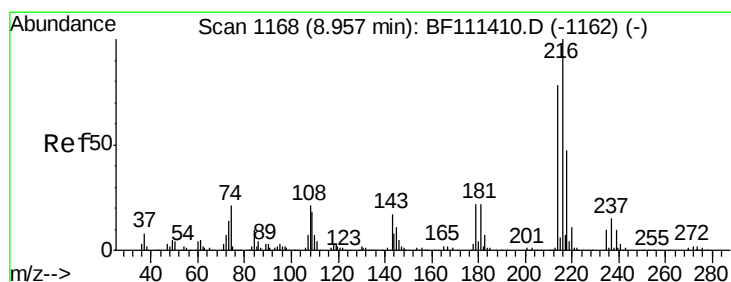
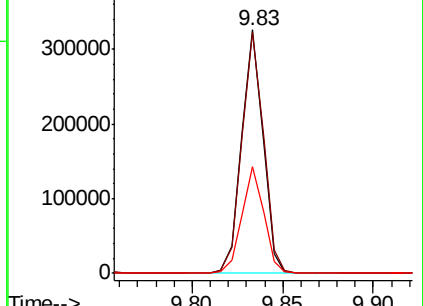
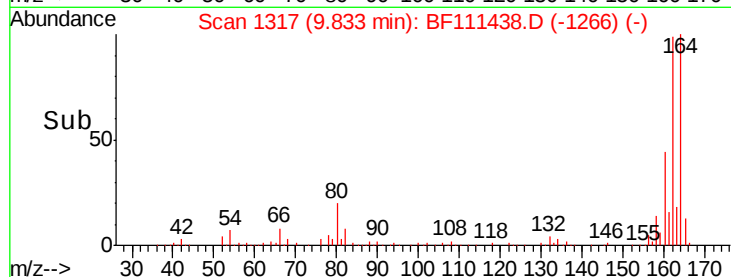
160 44.1 35.7 53.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.150 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Tgt Ion:216 Resp: 391143

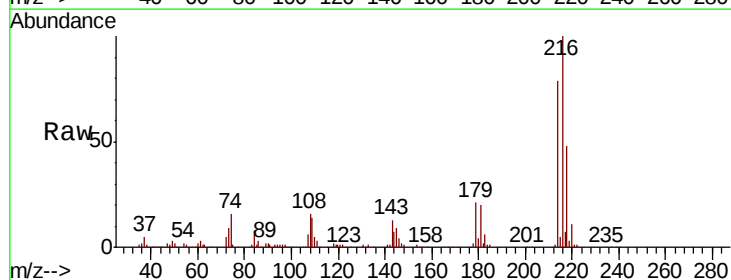
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 21.8 17.9 26.9

108 19.9 18.4 27.6

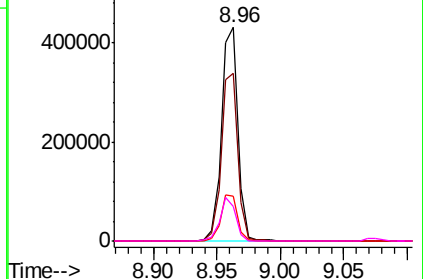
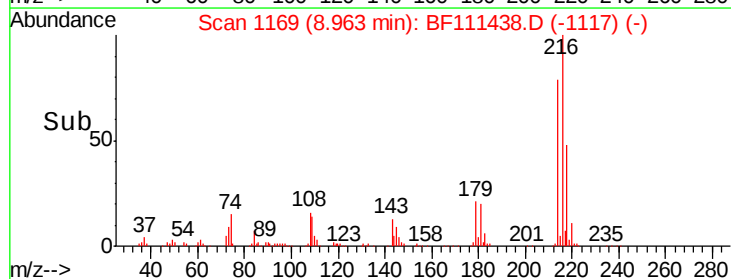


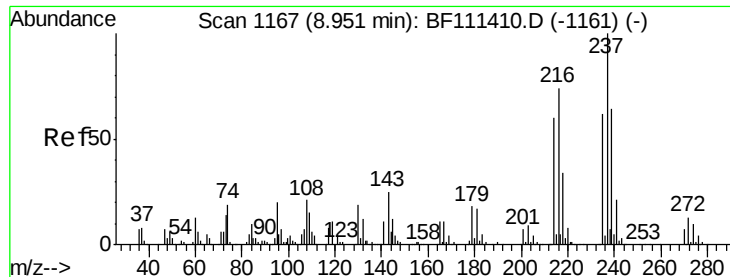
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 21.151 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

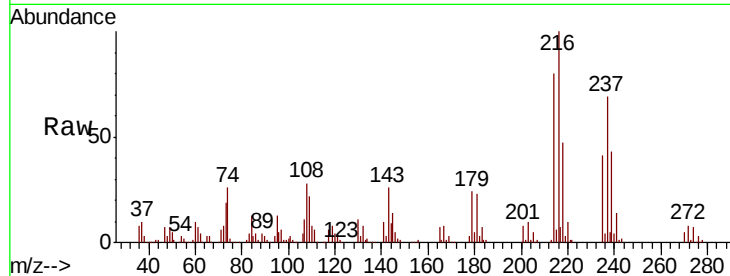
Tgt Ion: 237 Resp: 79916

Ion Ratio Lower Upper

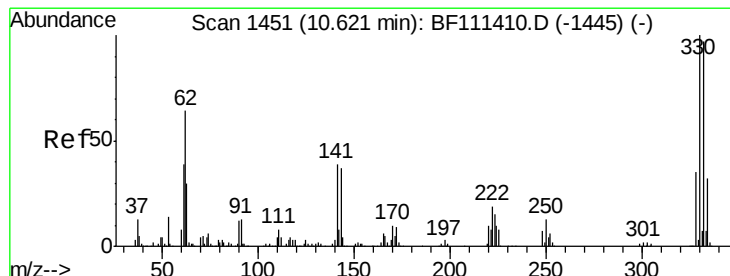
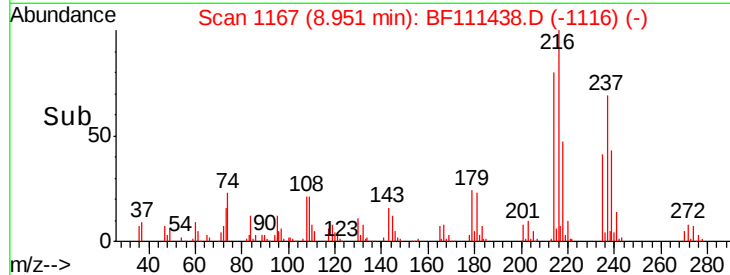
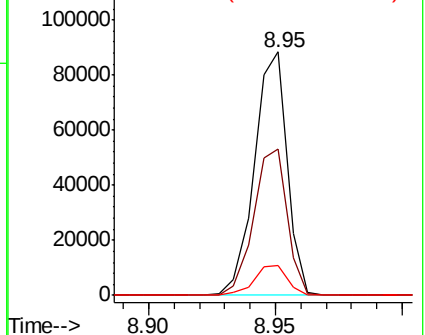
237 100

235 59.9 43.1 83.1

272 12.2 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 122.372 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

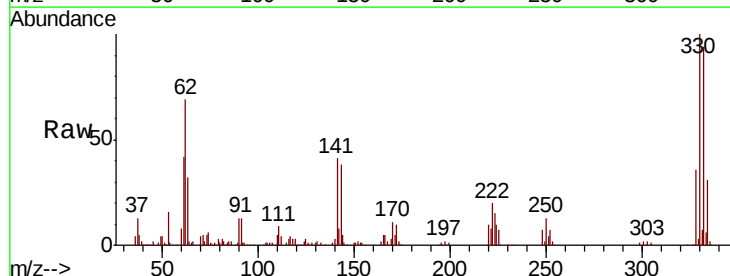
Tgt Ion: 330 Resp: 294162

Ion Ratio Lower Upper

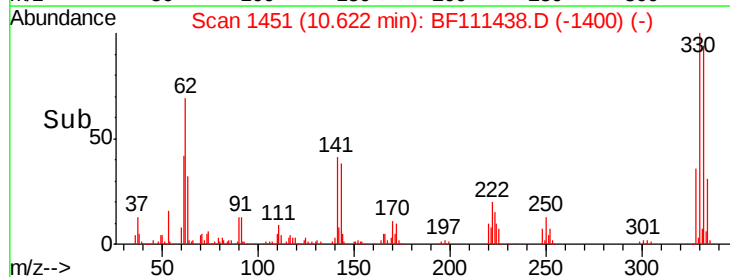
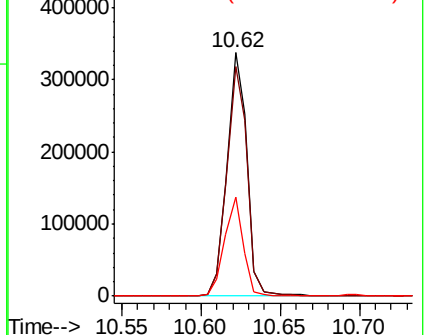
330 100

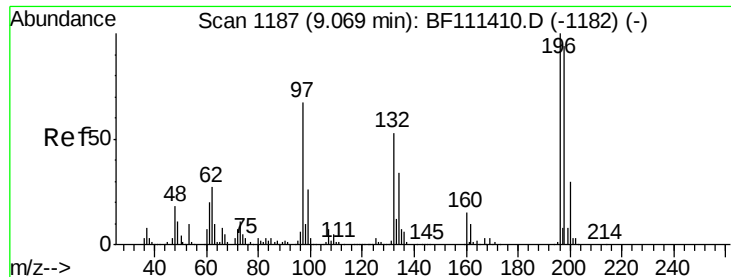
332 96.1 76.0 114.0

141 38.7 31.0 46.6



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

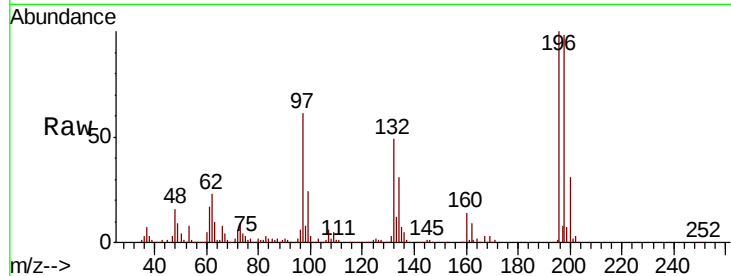




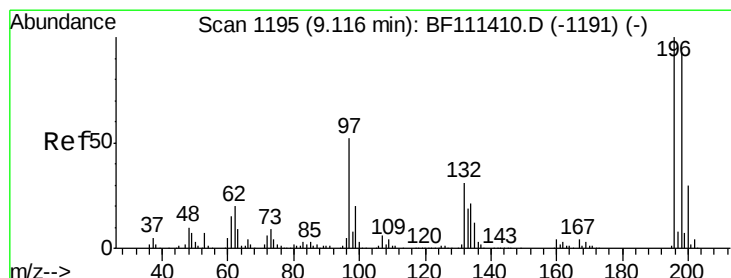
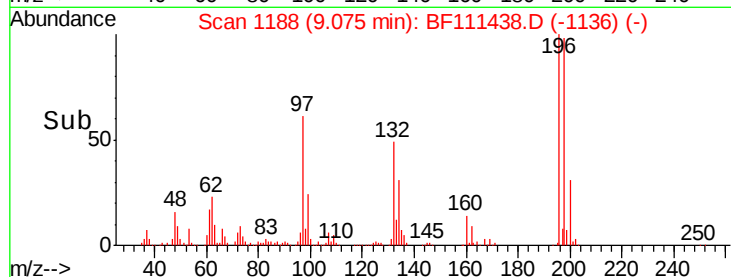
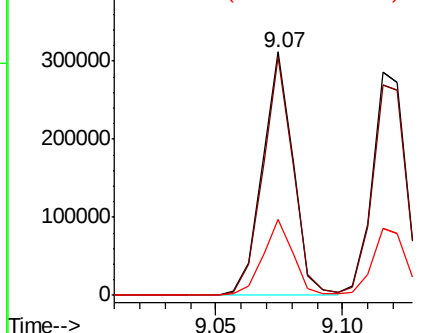
#43
 2,4,6-Trichlorophenol
 Concen: 50.647 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Tgt Ion:196 Resp: 263794
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.3 114.5
 200 30.9 24.9 37.3



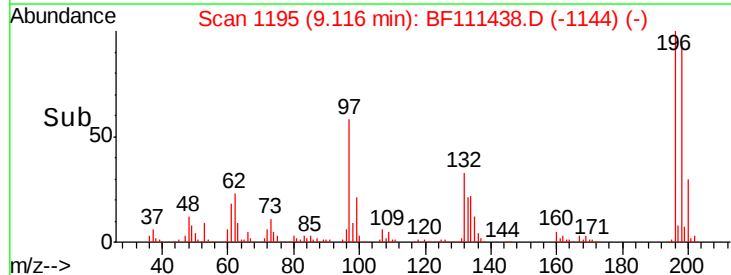
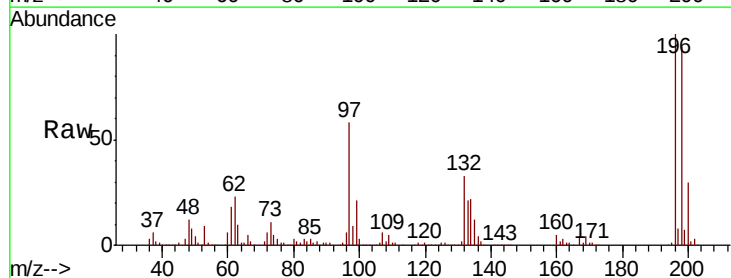
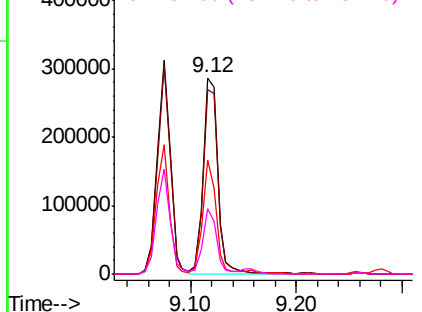
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

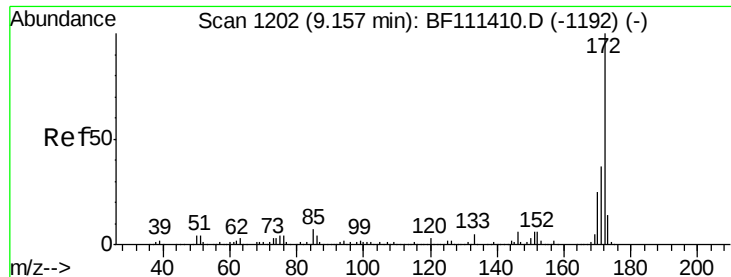


#44
 2,4,5-Trichlorophenol
 Concen: 49.730 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion:196 Resp: 275628
 Ion Ratio Lower Upper
 196 100
 198 93.8 72.9 109.3
 97 57.9 45.3 67.9
 132 33.0 25.5 38.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

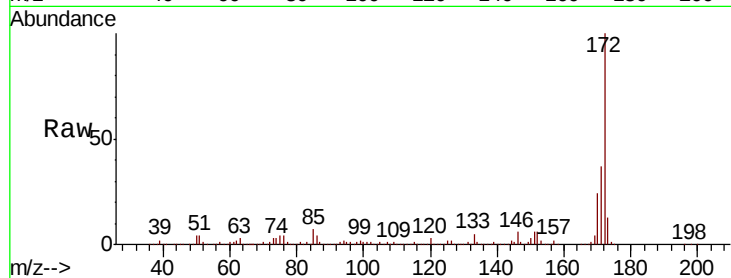




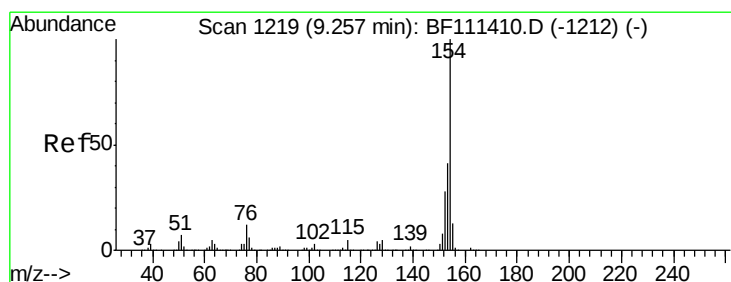
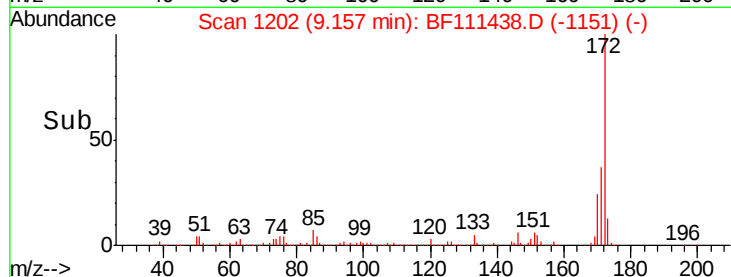
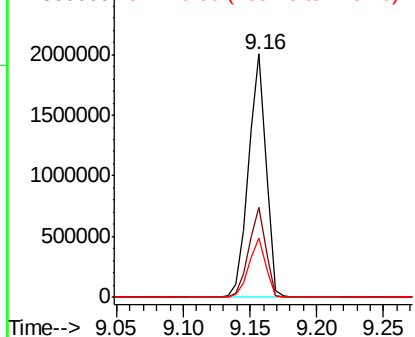
#45
2-Fluorobiphenyl
Concen: 103.067 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_G
ClientSampled :
SB-2MSD

Tgt Ion:172 Resp: 1790570
Ion Ratio Lower Upper
172 100
171 36.8 33.0 49.4
170 24.4 22.3 33.5

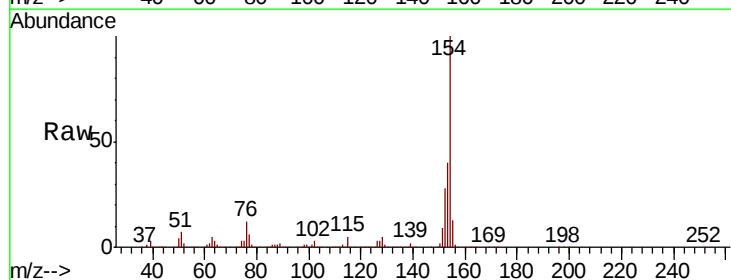


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

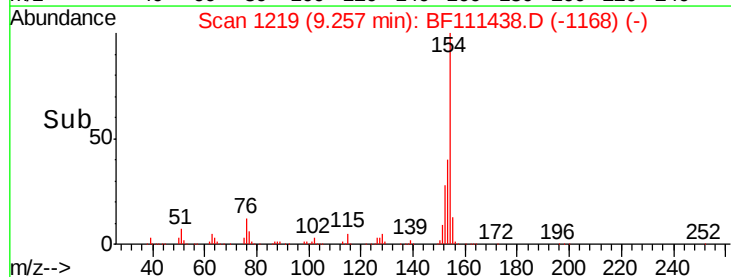
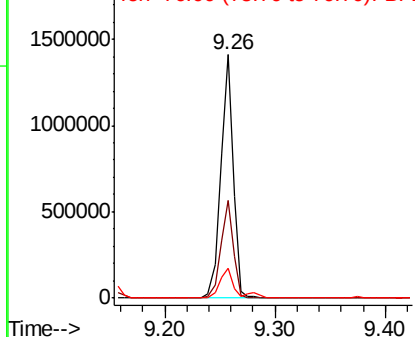


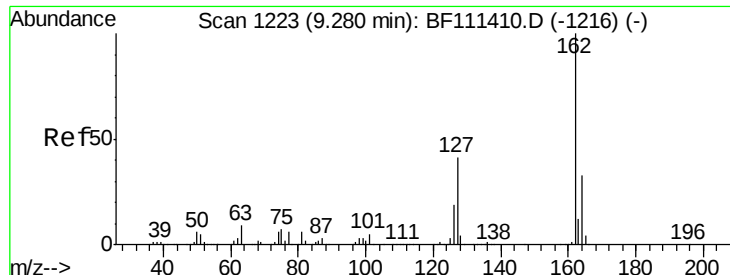
#46
1,1'-Biphenyl
Concen: 48.852 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:154 Resp: 1110767
Ion Ratio Lower Upper
154 100
153 40.2 23.7 63.7
76 12.4 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

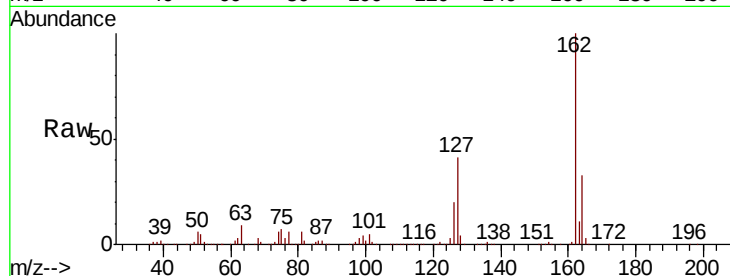




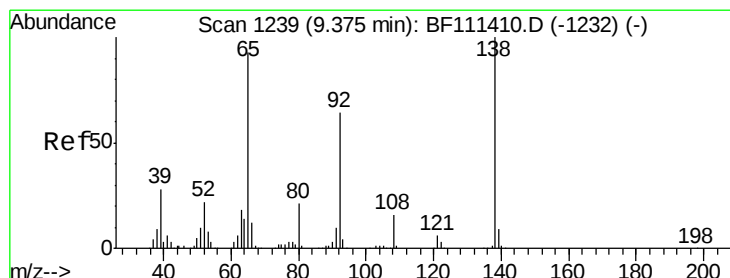
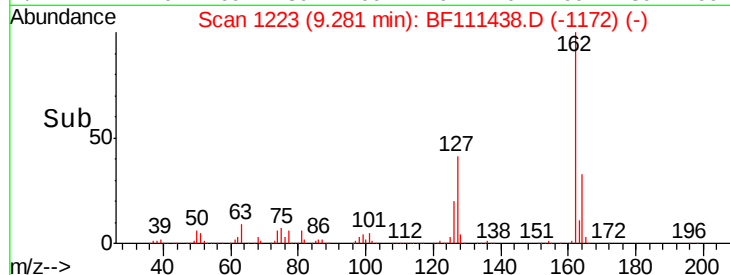
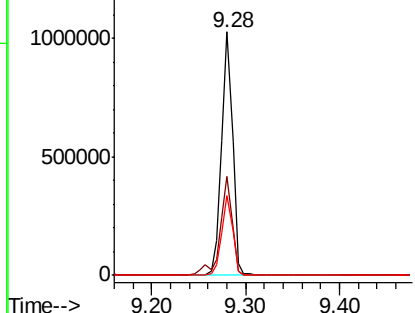
#47
 2-Chloronaphthalene
 Concen: 49.374 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Instrument :
 BNA_G
 ClientSampled :
 SB-2MSD

Tgt Ion:	162	Resp:	853338
Ion	Ratio	Lower	Upper
162	100		
127	40.7	35.0	52.4
164	32.8	28.4	42.6

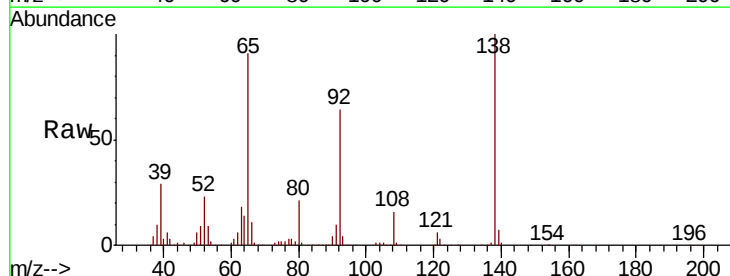


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

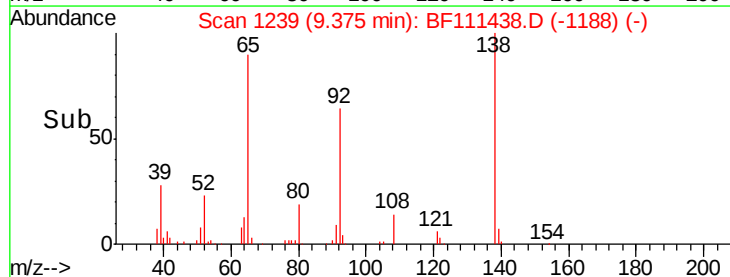
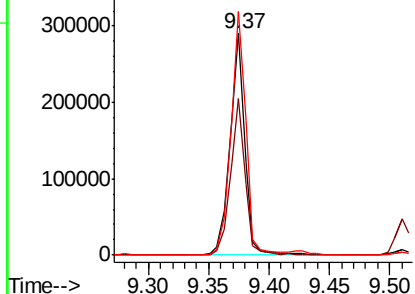


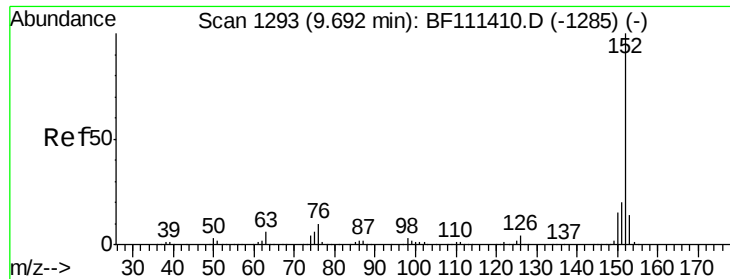
#48
 2-Nitroaniline
 Concen: 44.326 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion:	65	Resp:	248745
Ion	Ratio	Lower	Upper
65	100		
92	70.8	53.5	80.3
138	109.9	80.9	121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.216 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

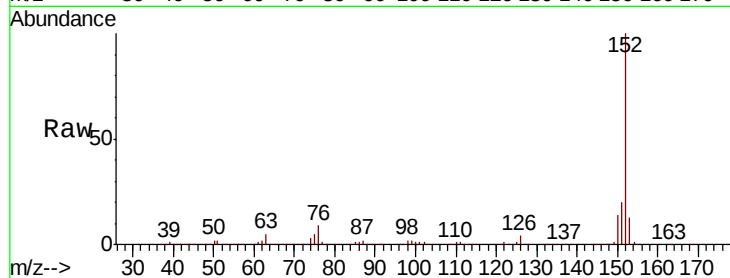
Tgt Ion:152 Resp: 1211303

Ion Ratio Lower Upper

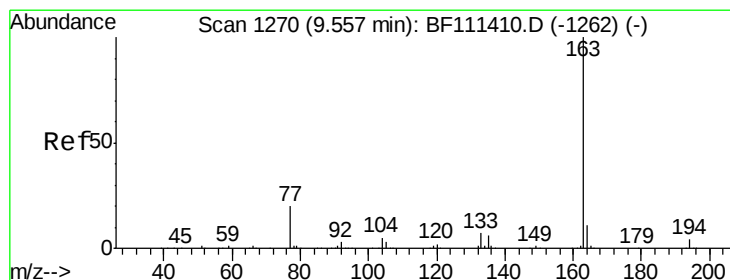
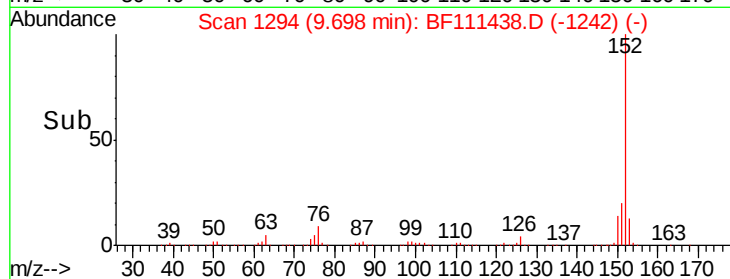
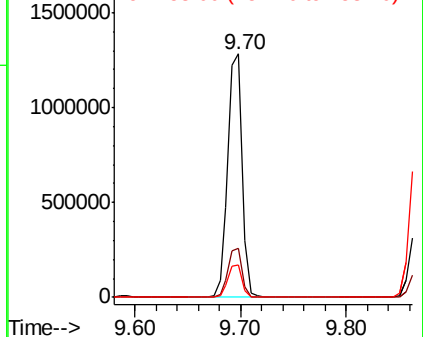
152 100

151 20.3 18.0 27.0

153 13.3 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.739 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

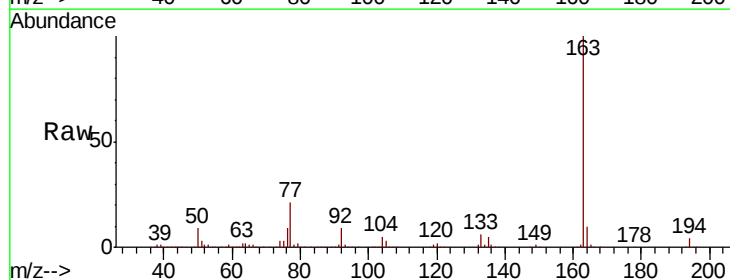
Tgt Ion:163 Resp: 1115850

Ion Ratio Lower Upper

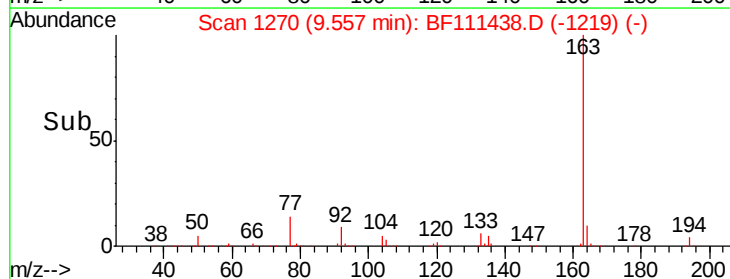
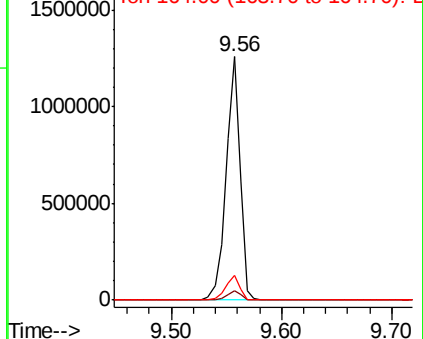
163 100

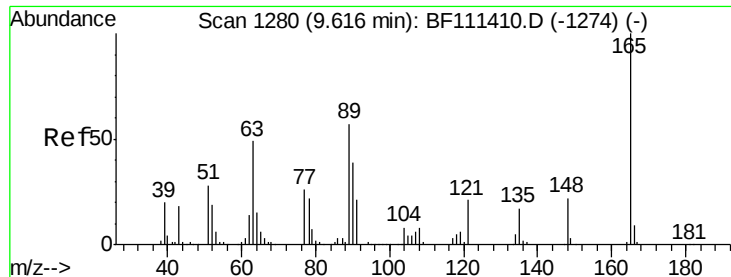
194 3.6 3.0 4.6

164 10.3 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

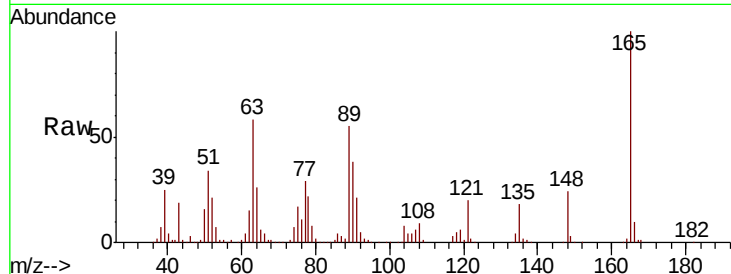




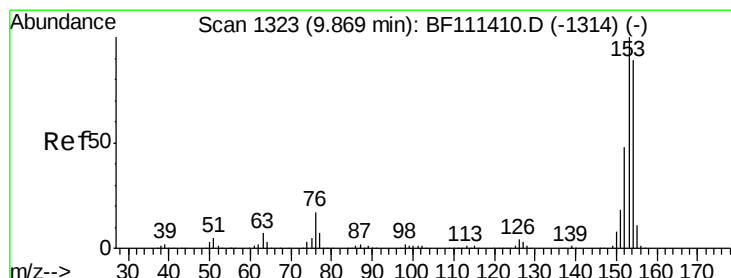
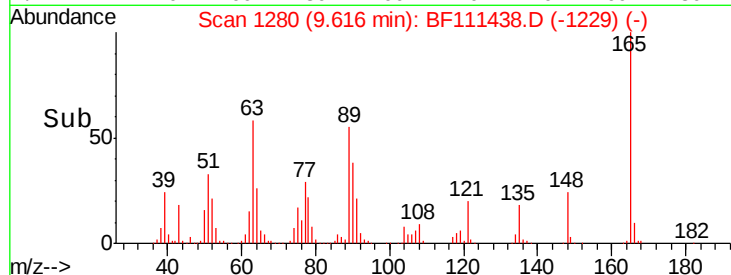
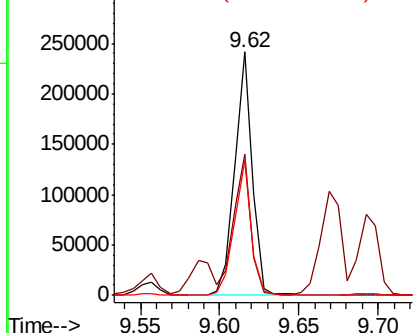
#51
2,6-Dinitrotoluene
Concen: 42.948 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SB-2MSD

Tgt Ion:165 Resp: 186828
Ion Ratio Lower Upper
165 100
63 57.8 40.5 60.7
89 55.3 40.0 60.0

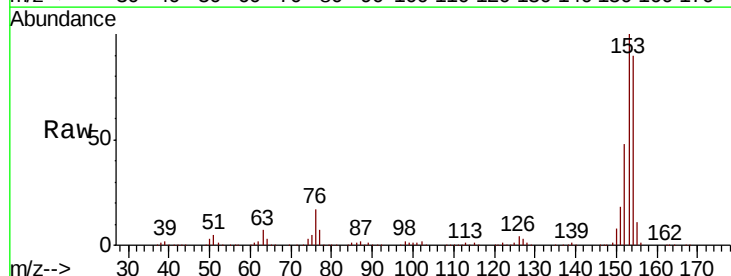


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

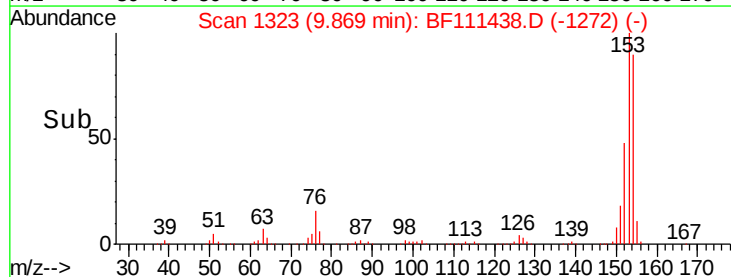
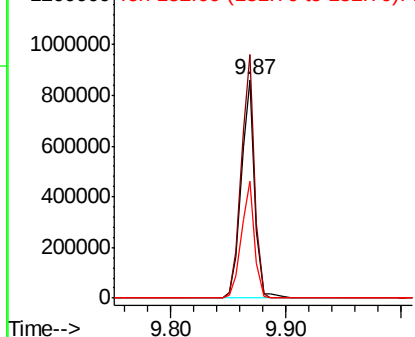


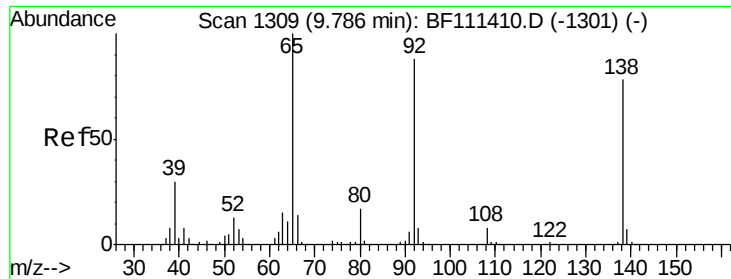
#52
Acenaphthene
Concen: 42.919 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:154 Resp: 695927
Ion Ratio Lower Upper
154 100
153 111.4 87.8 131.8
152 53.4 43.4 65.2



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

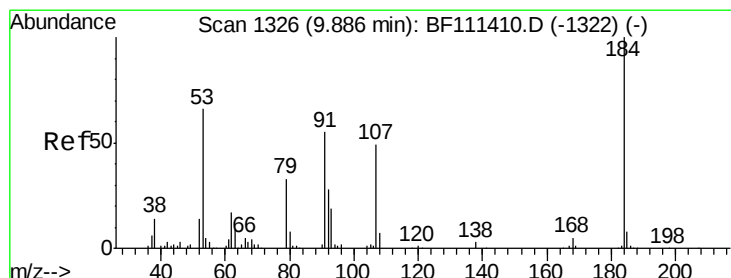
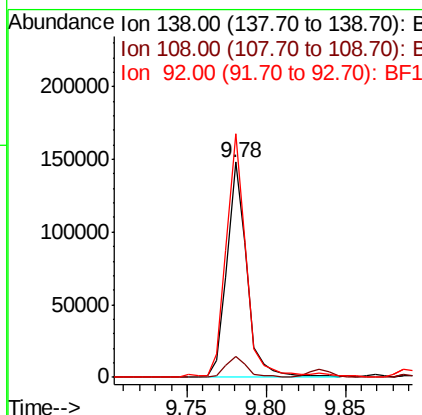
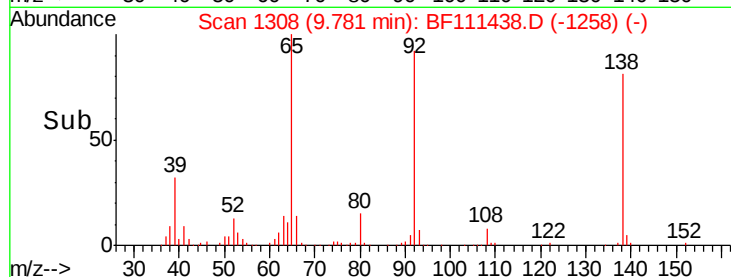
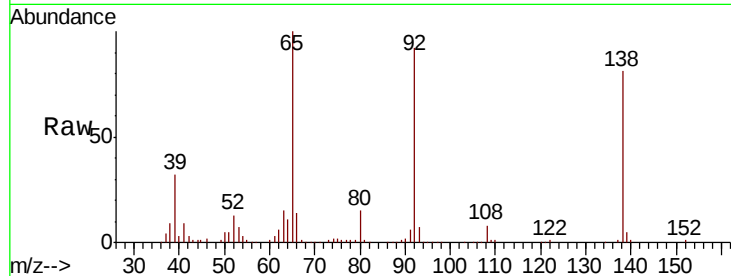




#53
 3-Nitroaniline
 Concen: 24.577 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

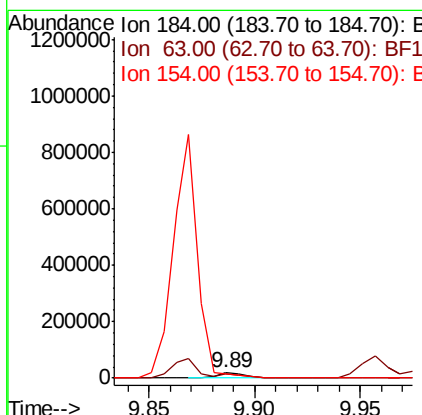
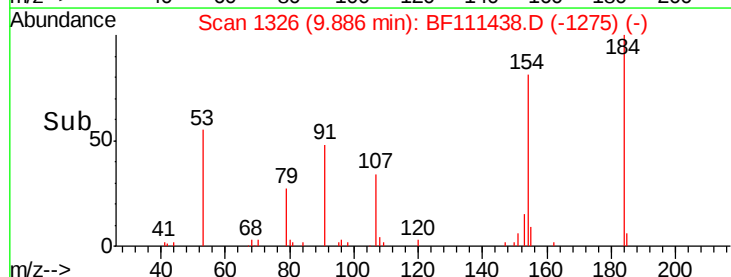
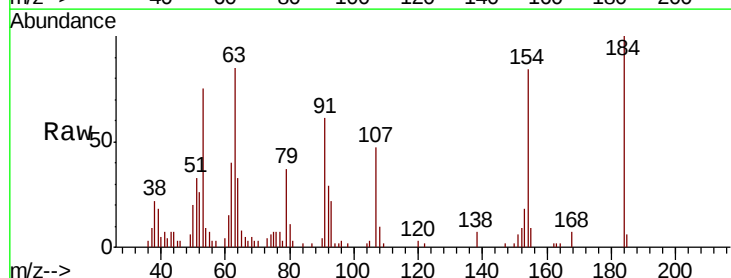
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

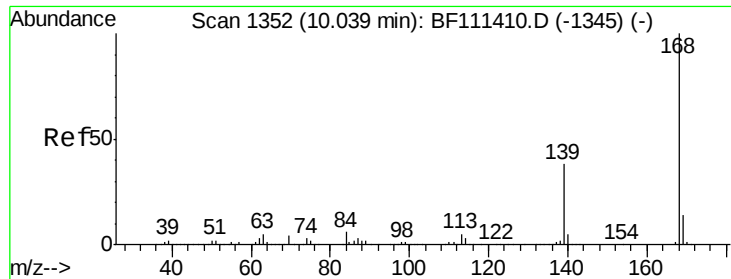
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.2	12.4
92	113.0	93.4	140.2



#54
 2,4-Dinitrophenol
 Concen: 11.285 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	84.8	62.3	93.5
154	83.8	56.2	84.2

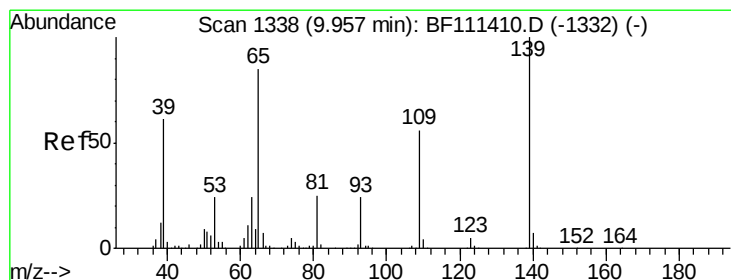
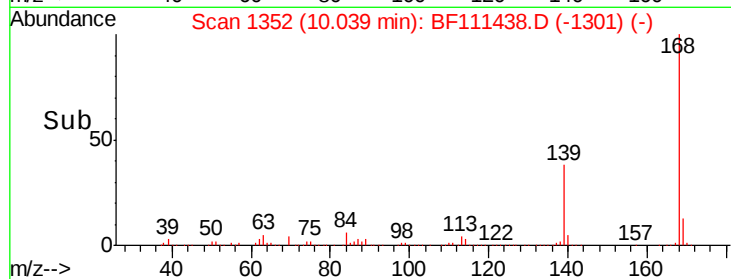
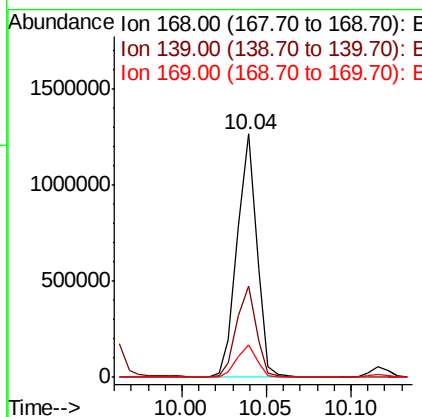
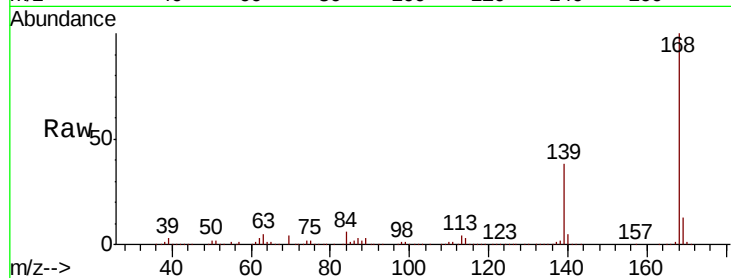




#55
Dibenzenofuran
Concen: 43.845 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

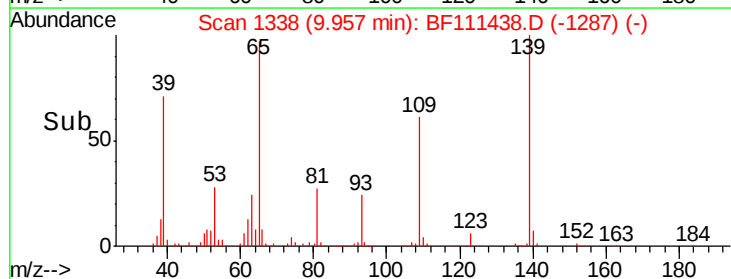
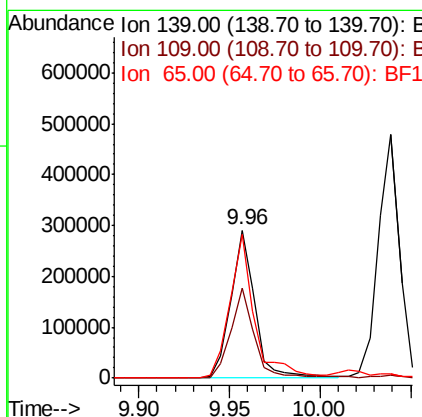
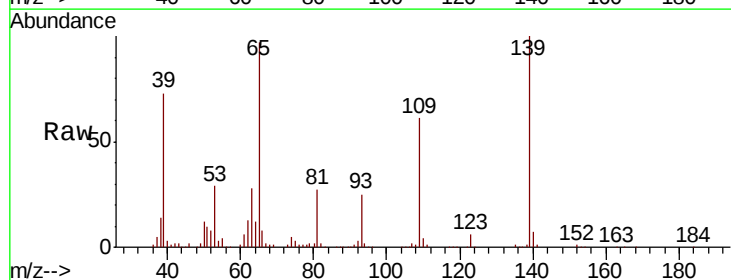
Instrument :
BNA_G
ClientSampleId :
SB-2MSD

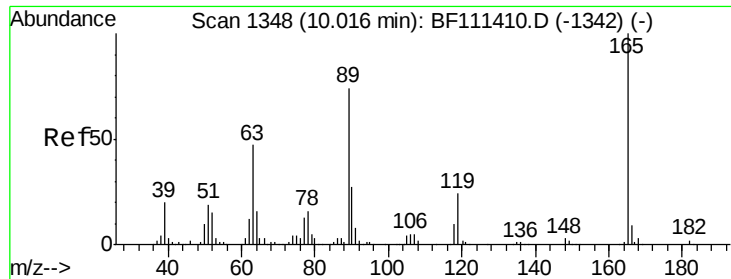
Tgt Ion:168 Resp: 1031958
Ion Ratio Lower Upper
168 100
139 37.7 32.6 49.0
169 13.4 11.8 17.6



#56
4-Nitrophenol
Concen: 74.229 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion:139 Resp: 271425
Ion Ratio Lower Upper
139 100
109 61.1 41.8 81.8
65 97.4 79.6 119.6

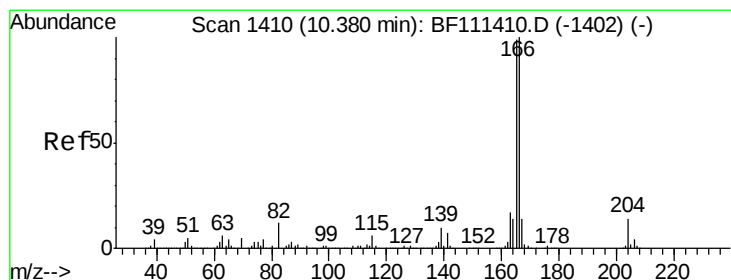
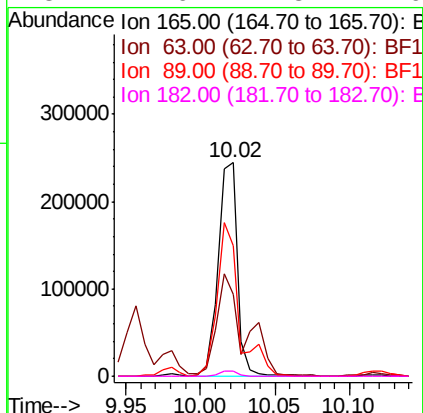
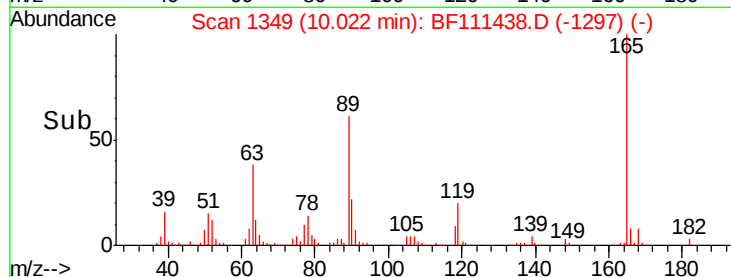
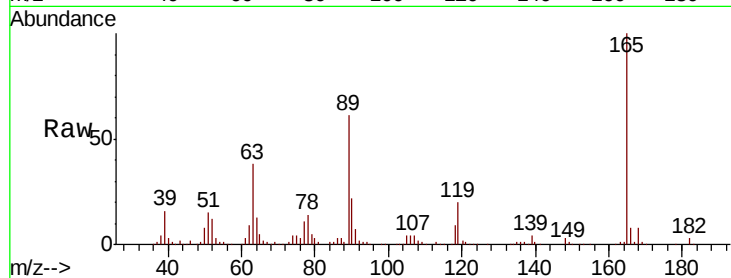




#57
2,4-Dinitrotoluene
Concen: 39.350 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

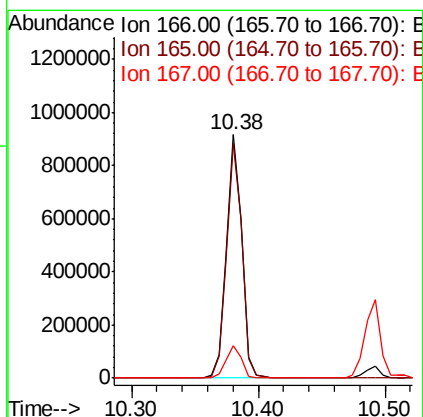
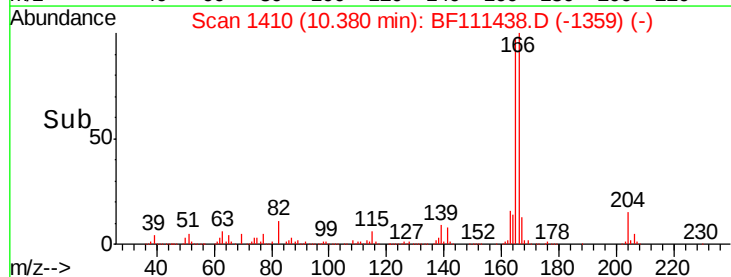
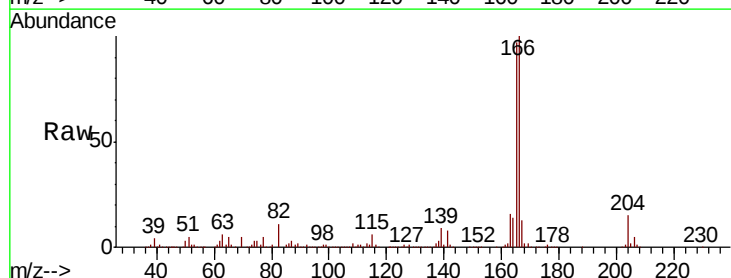
Instrument :
BNA_G
ClientSampleId :
SB-2MSD

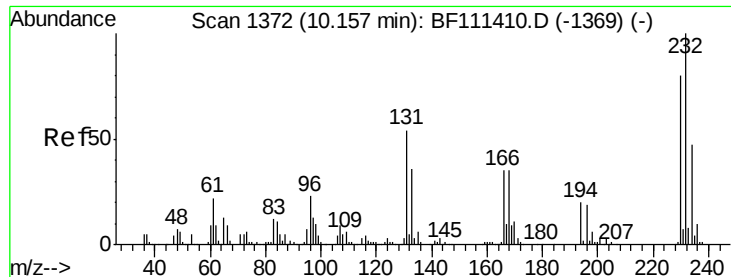
Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.2	34.6	52.0
89	61.4	56.2	84.4
182	2.6	1.8	2.6



#58
Fluorene
Concen: 44.667 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.4	117.6
167	13.4	11.2	16.8

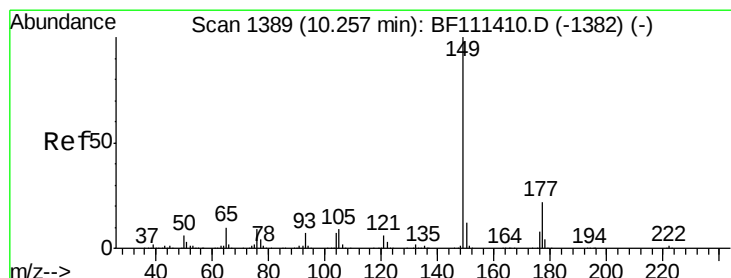
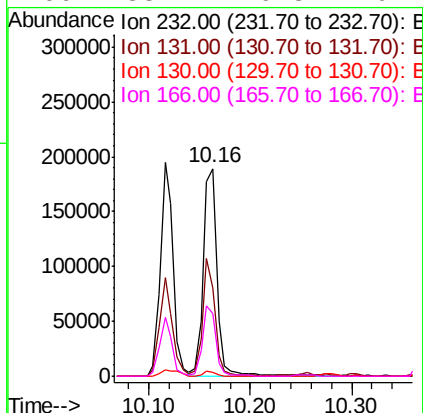
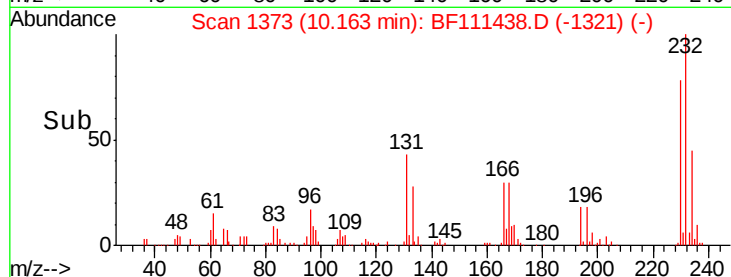
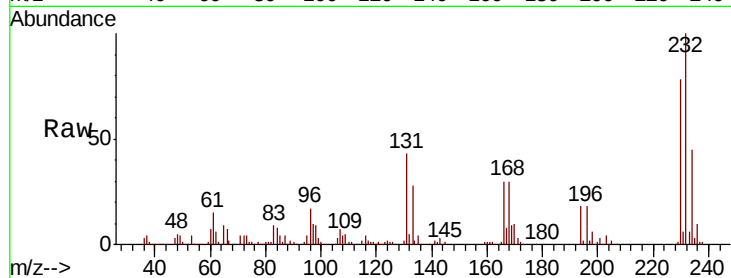




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.121 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

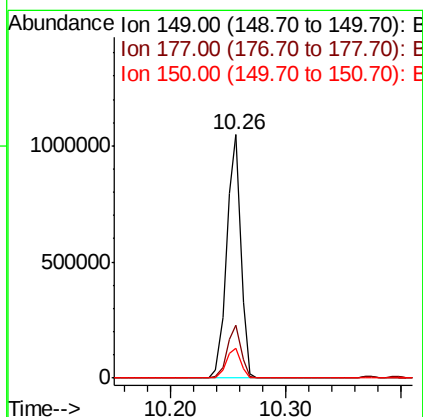
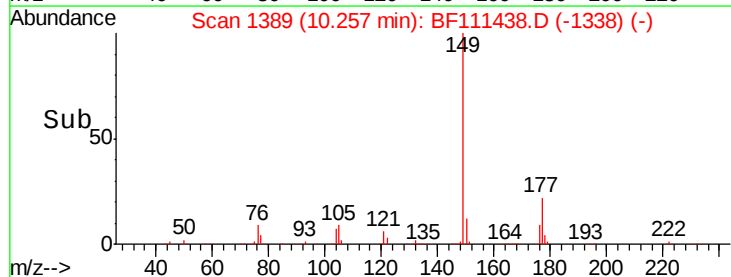
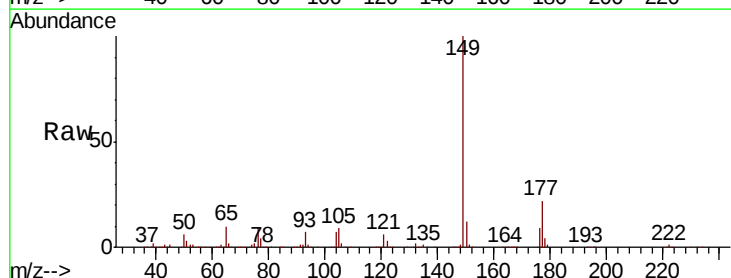
Instrument :
BNA_G
ClientSampleId :
SB-2MSD

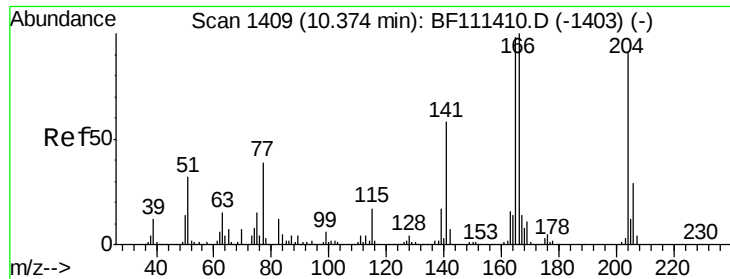
Tgt Ion: 232 Resp: 178072
Ion Ratio Lower Upper
232 100
131 50.4 40.9 61.3
130 2.2 2.0 3.0
166 33.2 26.8 40.2



#60
Diethylphthalate
Concen: 45.202 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion: 149 Resp: 884872
Ion Ratio Lower Upper
149 100
177 21.8 18.3 27.5
150 12.1 10.6 15.8

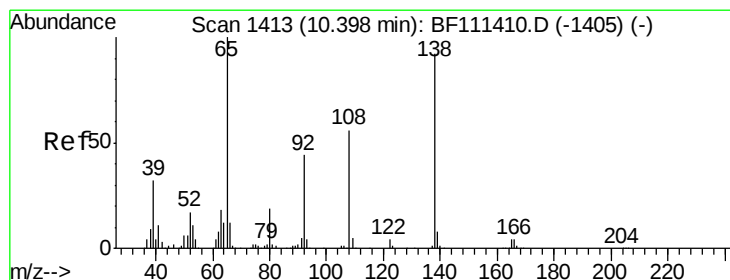
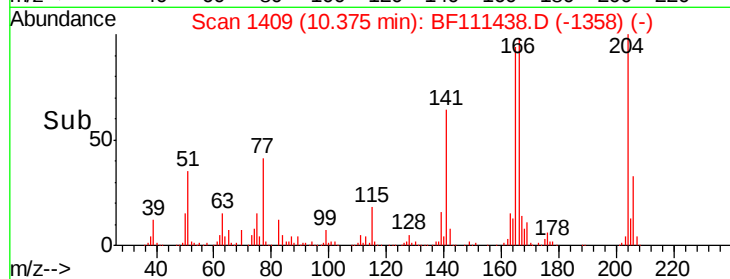
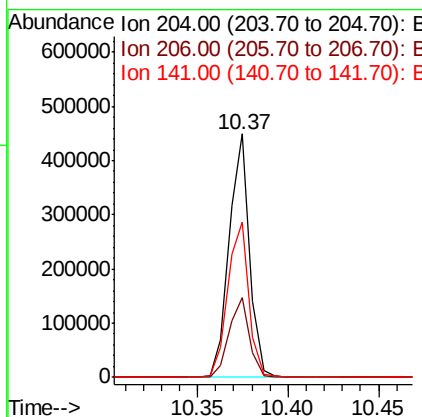
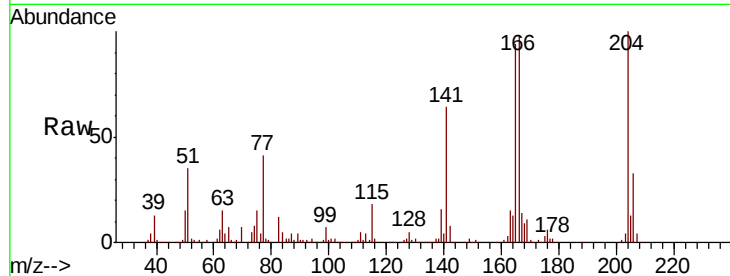




#61
 4-Chlorophenyl-phenylether
 Concen: 42.141 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

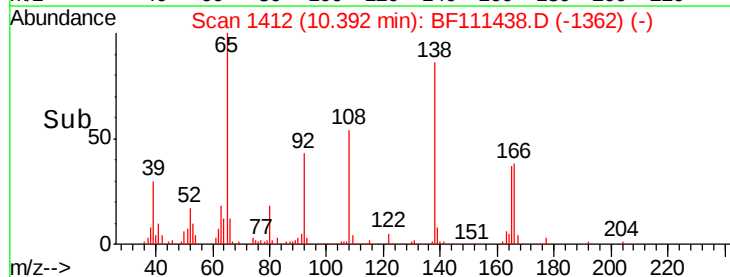
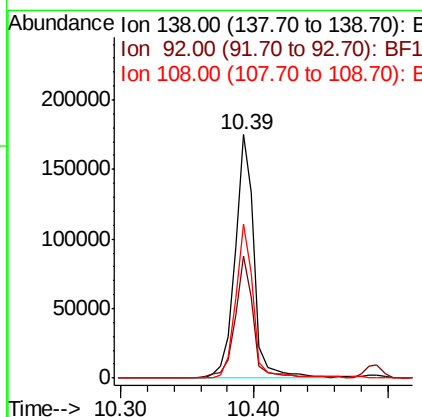
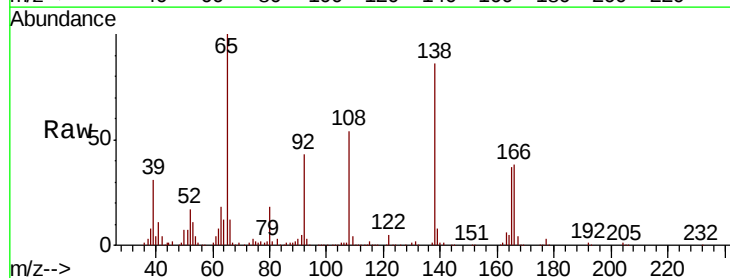
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

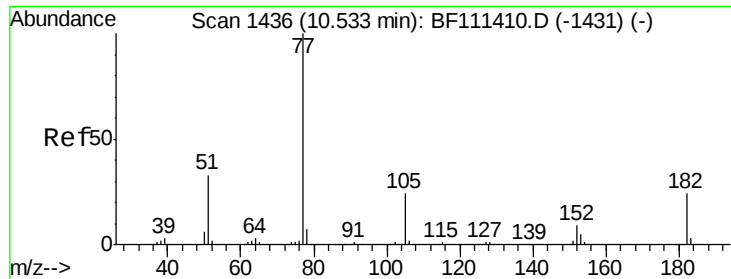
Tgt Ion:	204	Resp:	351977
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	63.8	52.6	78.8



#62
 4-Nitroaniline
 Concen: 33.553 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion:	138	Resp:	175501
Ion	Ratio	Lower	Upper
138	100		
92	50.3	29.9	69.9
108	63.3	43.2	83.2





#63

Azobenzene

Concen: 40.922 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

Tgt Ion: 77 Resp: 789767

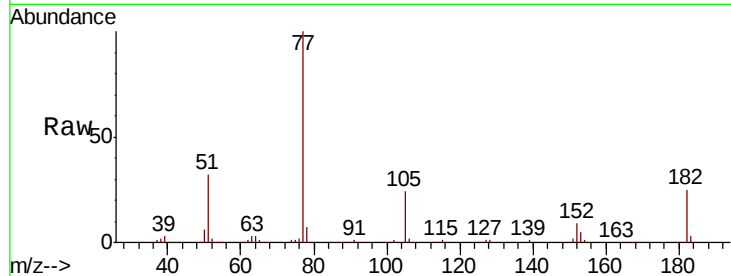
Ion Ratio Lower Upper

77 100

182 24.6 4.9 44.9

105 23.6 6.0 46.0

51 31.8 14.7 54.7

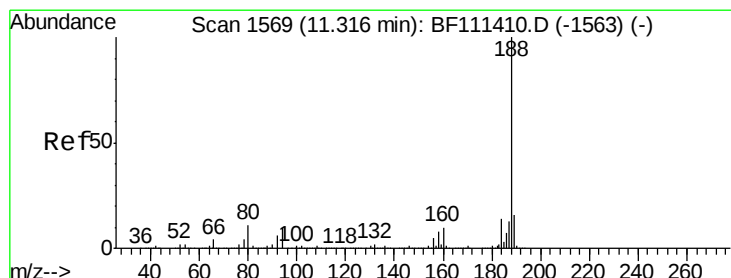
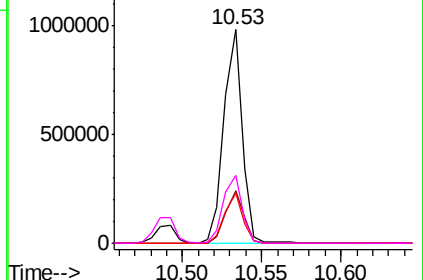
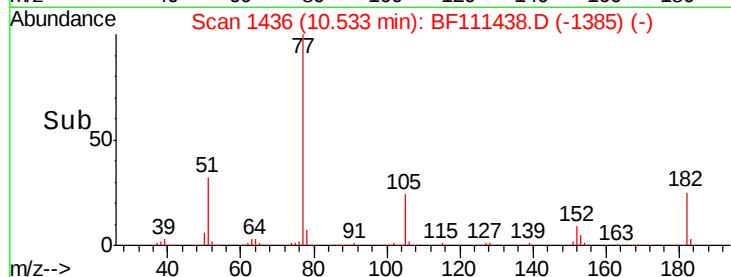


Abundance Ion 77.00 (76.70 to 77.70): BF1

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): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

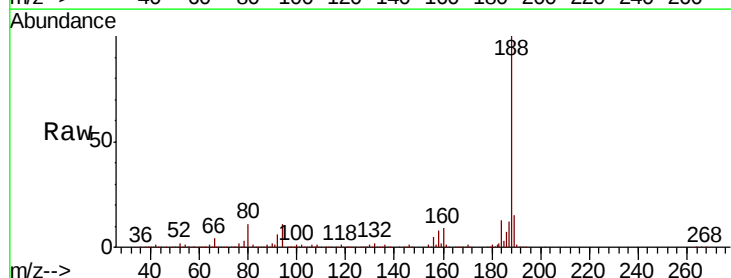
Tgt Ion: 188 Resp: 505978

Ion Ratio Lower Upper

188 100

94 10.5 9.6 14.4

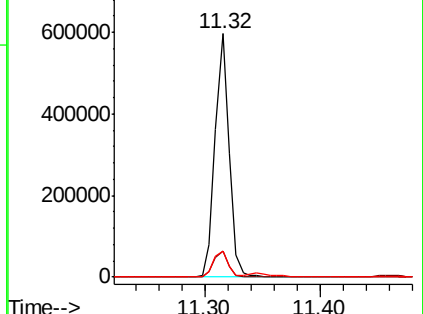
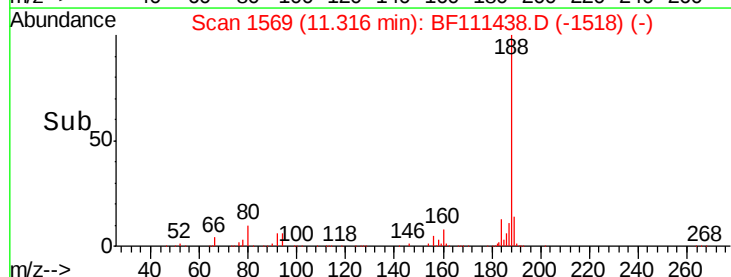
80 10.7 9.8 14.6

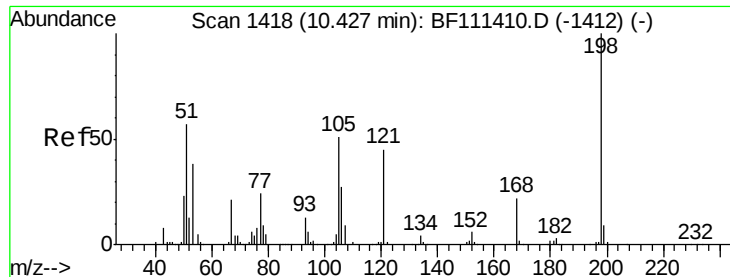


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

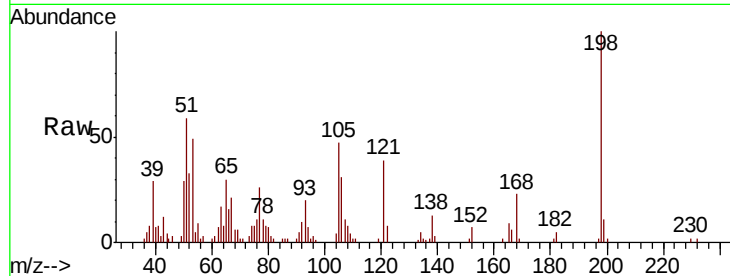




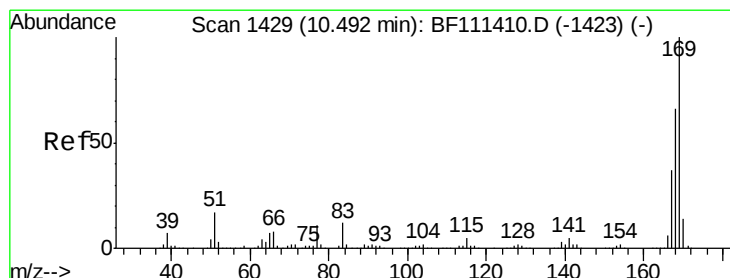
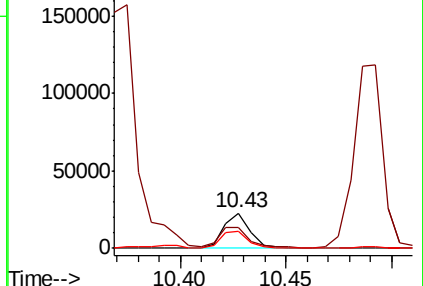
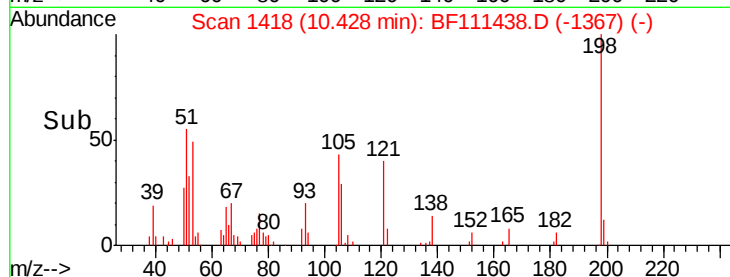
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.885 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

Tgt Ion:198 Resp: 19666
 Ion Ratio Lower Upper
 198 100
 51 58.7 48.0 88.0
 105 47.2 34.0 74.0

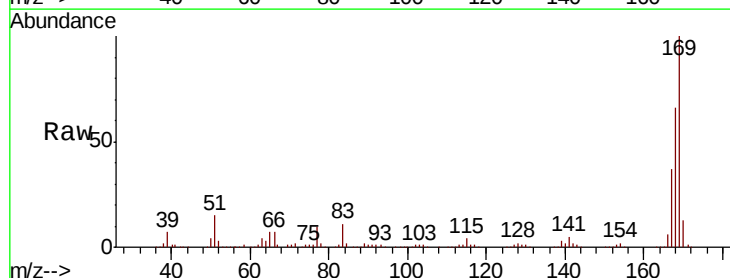


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

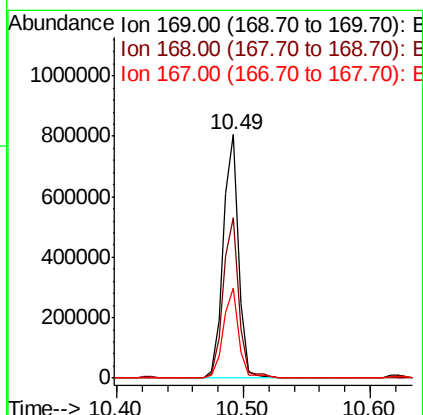
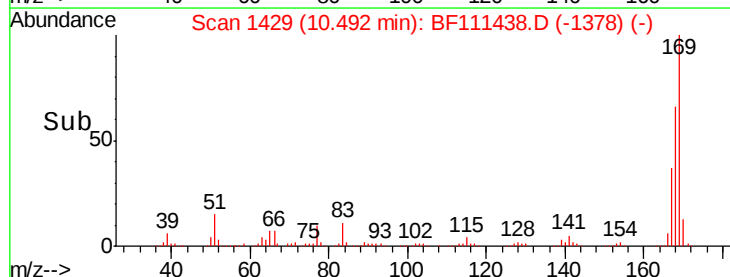


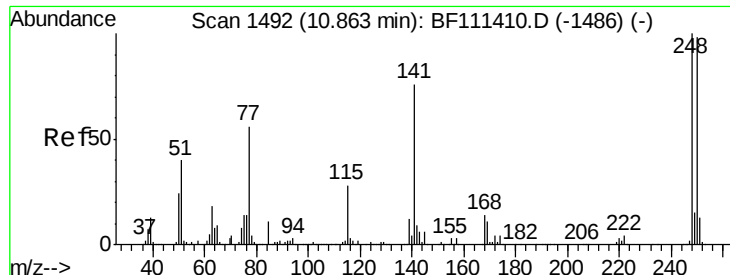
#66
 n-Nitrosodiphenylamine
 Concen: 39.195 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion:169 Resp: 683896
 Ion Ratio Lower Upper
 169 100
 168 65.7 54.4 81.6
 167 36.8 30.5 45.7



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

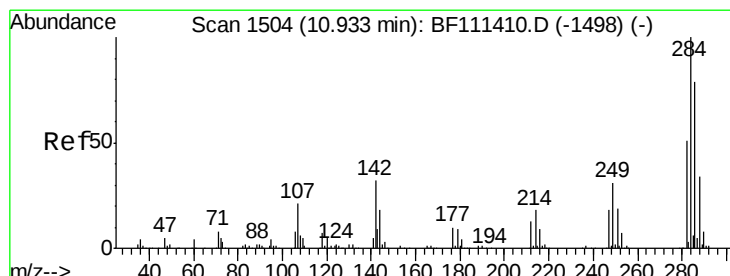
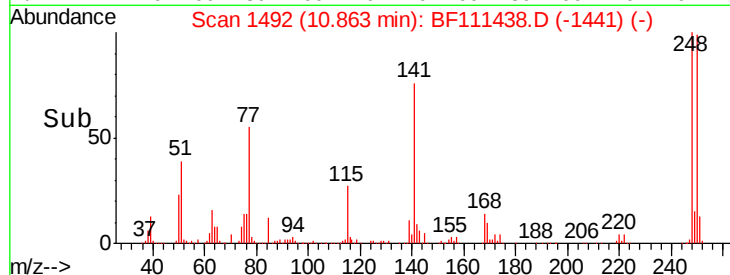
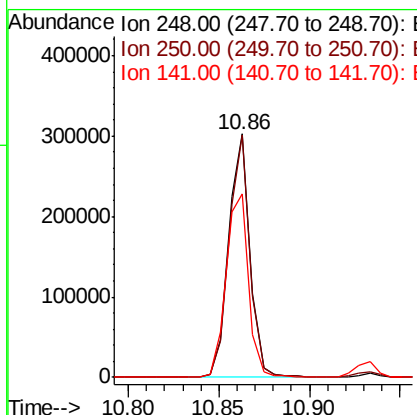
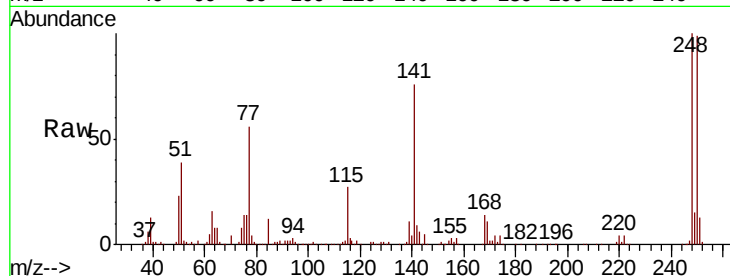




#67
 4-Bromophenyl-phenylether
 Concen: 45.456 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

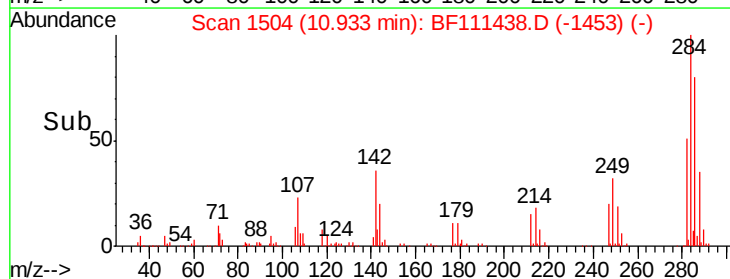
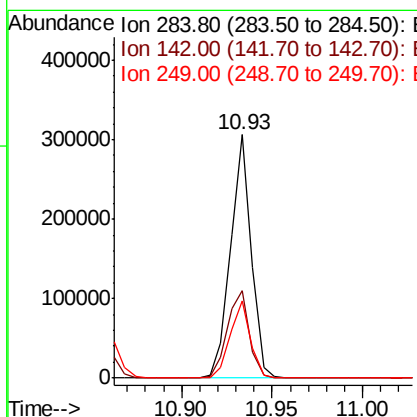
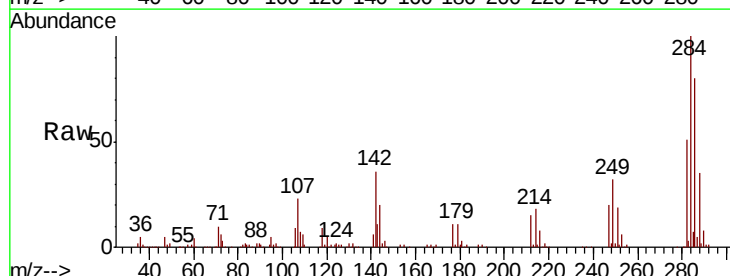
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

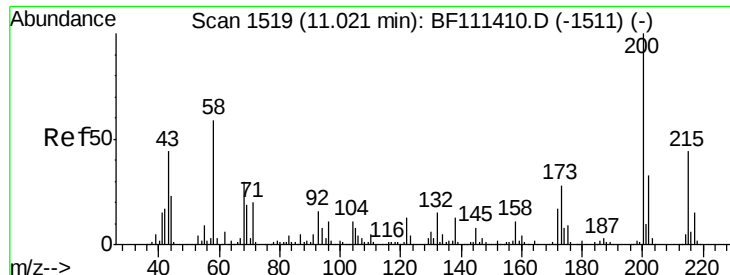
Tgt Ion:	248	Resp:	247890
Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.0	115.4
141	75.5	63.0	94.6



#68
 Hexachlorobenzene
 Concen: 43.542 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion:	284	Resp:	244257
Ion	Ratio	Lower	Upper
284	100		
142	36.1	27.4	41.2
249	31.7	24.4	36.6





#69

Atrazine

Concen: 48.901 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

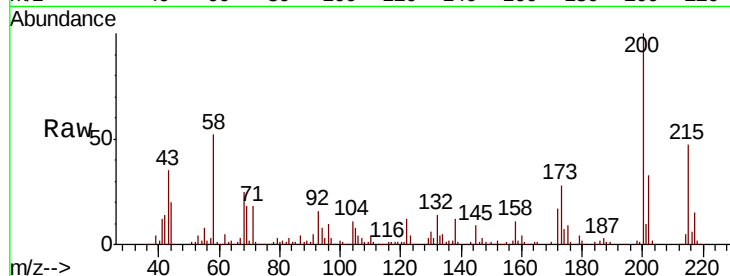
Tgt Ion:200 Resp: 246586

Ion Ratio Lower Upper

200 100

173 28.3 10.1 50.1

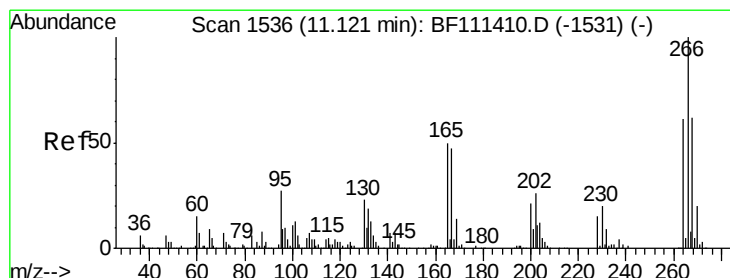
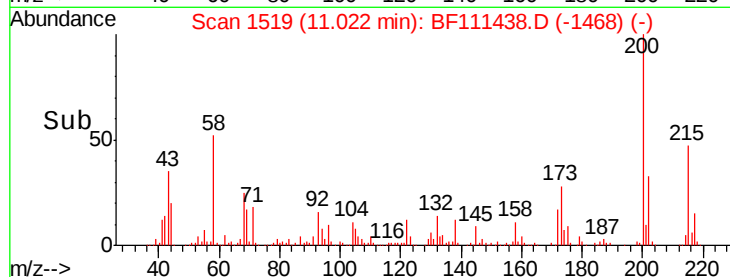
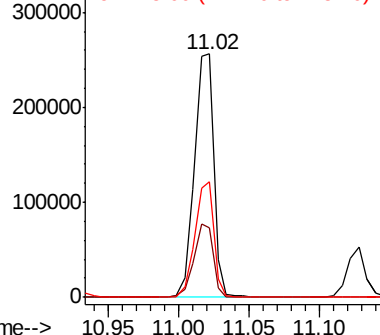
215 47.5 26.9 66.9



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



#70

Pentachlorophenol

Concen: 73.097 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

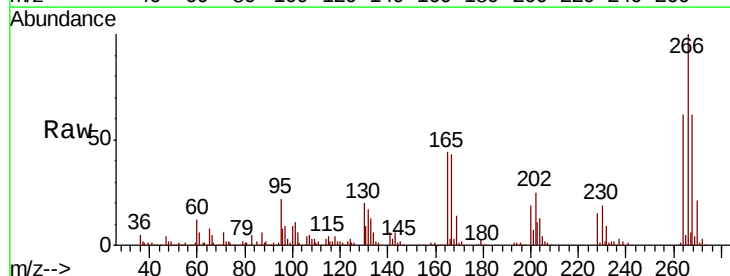
Tgt Ion:266 Resp: 251503

Ion Ratio Lower Upper

266 100

268 61.6 47.9 71.9

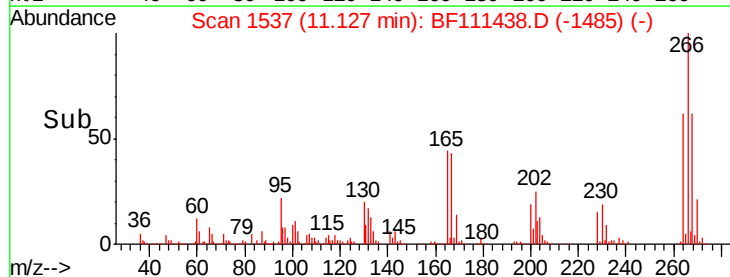
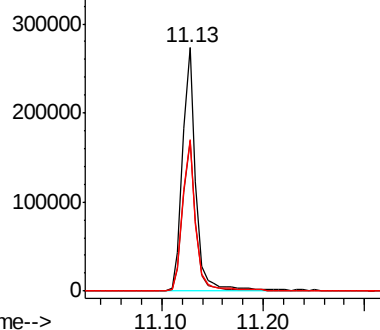
264 62.0 49.1 73.7

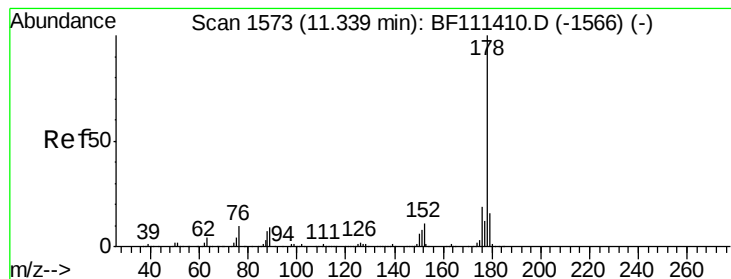


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.978 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

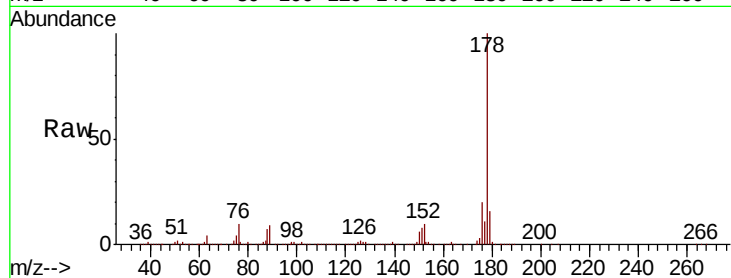
Tgt Ion:178 Resp: 1198749

Ion Ratio Lower Upper

178 100

176 19.8 18.1 27.1

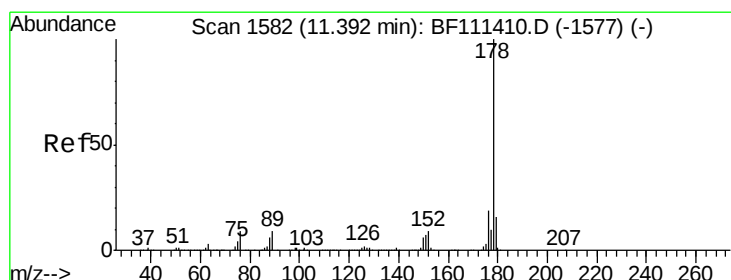
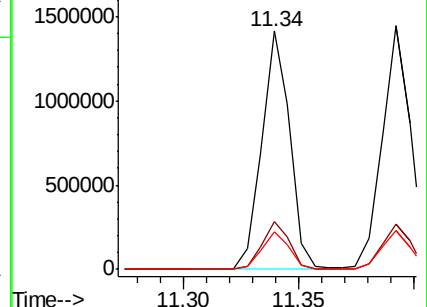
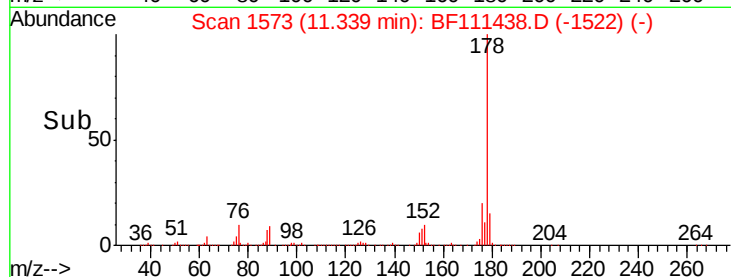
179 15.9 14.0 21.0



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



#72

Anthracene

Concen: 46.868 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

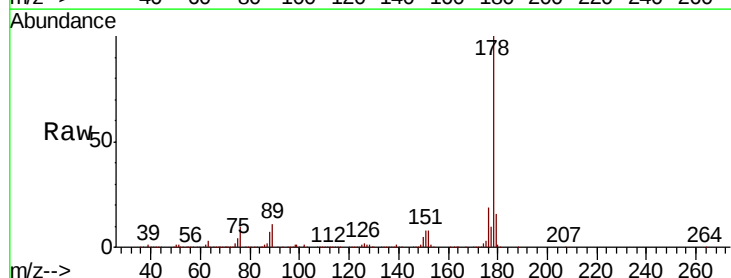
Tgt Ion:178 Resp: 1249663

Ion Ratio Lower Upper

178 100

176 18.7 17.2 25.8

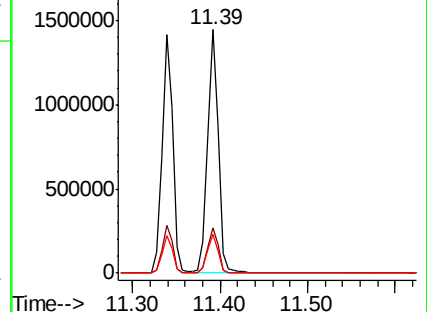
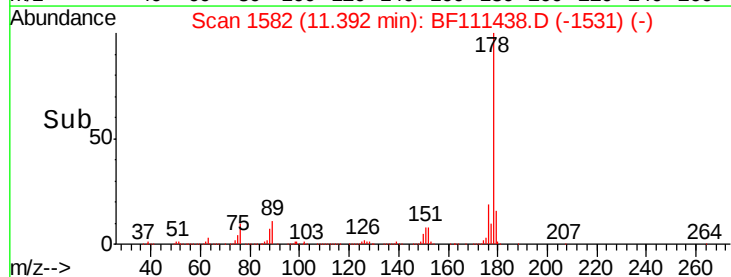
179 16.0 13.8 20.8

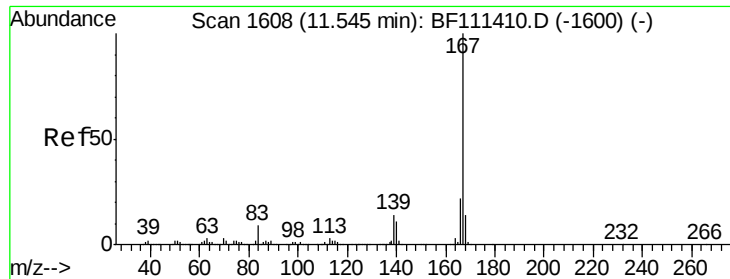


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

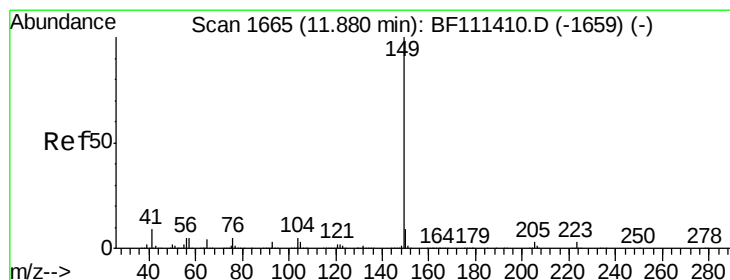
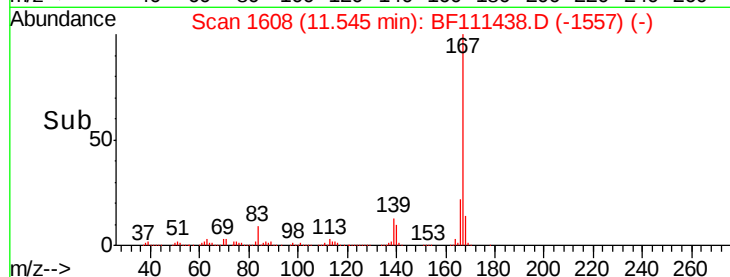
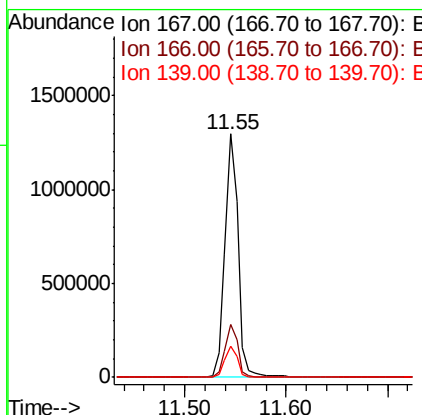
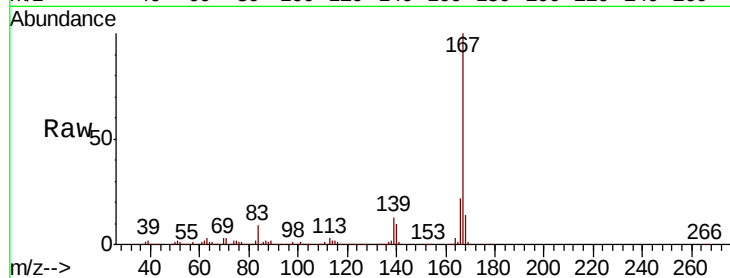




#73
 Carbazole
 Concen: 42.676 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

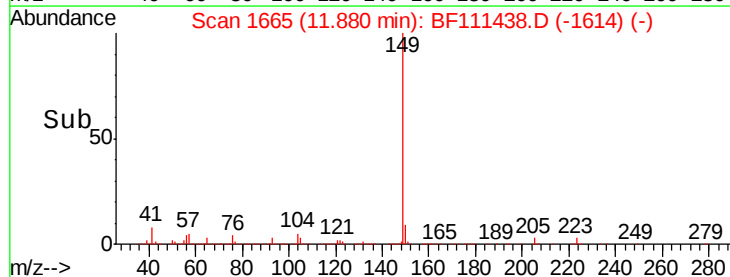
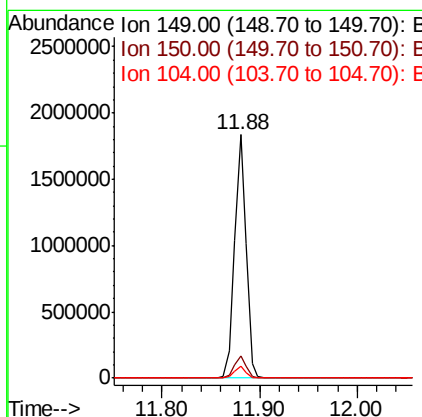
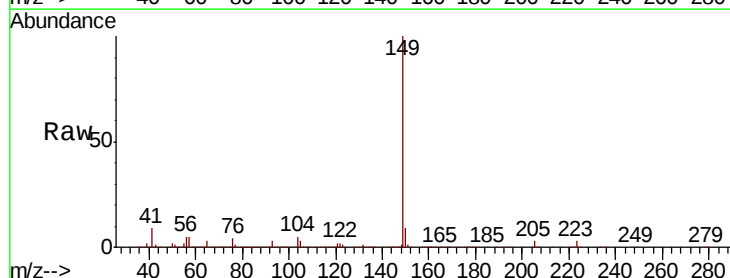
Instrument :
 BNA_G
 ClientSampleId :
 SB-2MSD

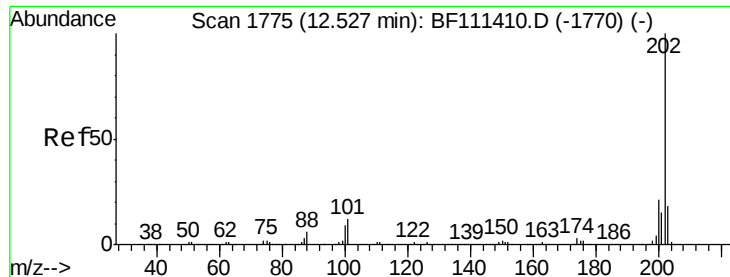
Tgt Ion:167 Resp: 1176691
 Ion Ratio Lower Upper
 167 100
 166 21.7 19.3 28.9
 139 12.9 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 48.836 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111438.D
 Acq: 15 Dec 2018 00:12

Tgt Ion:149 Resp: 1499630
 Ion Ratio Lower Upper
 149 100
 150 9.1 8.8 13.2
 104 4.8 4.5 6.7





#75

Fluoranthene

Concen: 47.106 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

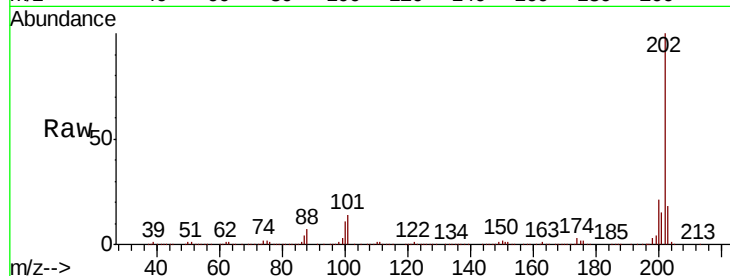
Tgt Ion:202 Resp: 1201498

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.8

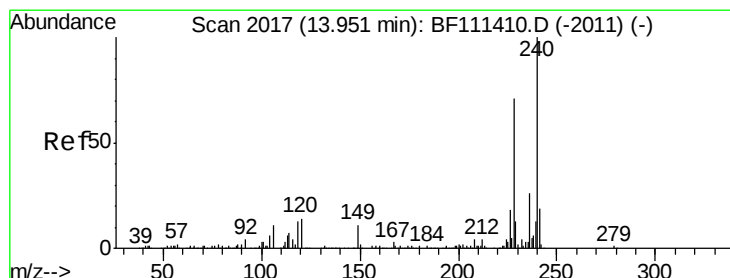
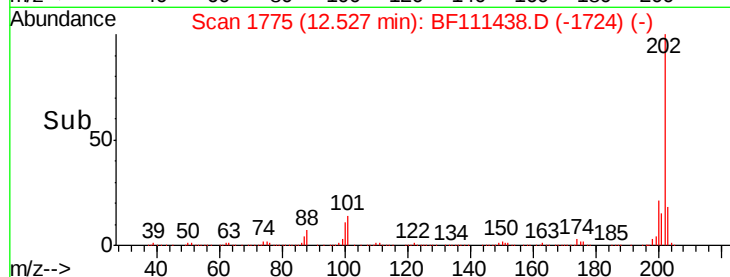
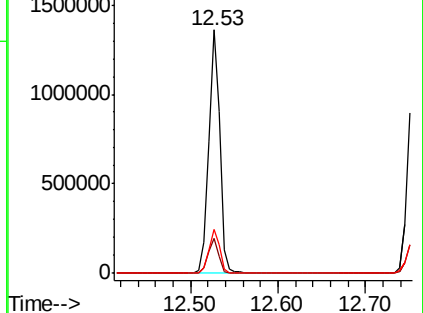
203 18.1 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

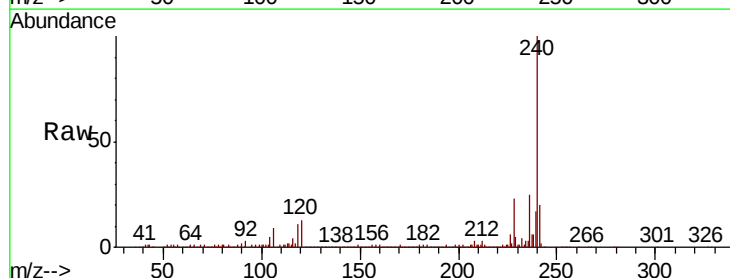
Tgt Ion:240 Resp: 396702

Ion Ratio Lower Upper

240 100

120 12.7 12.2 18.2

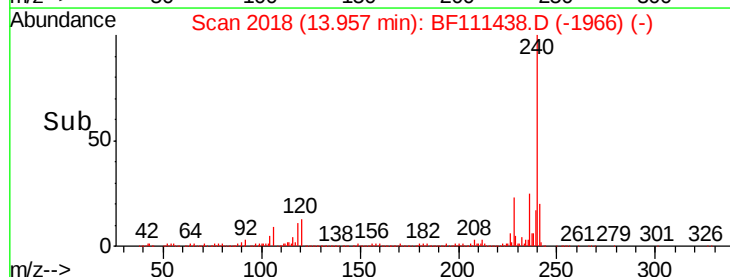
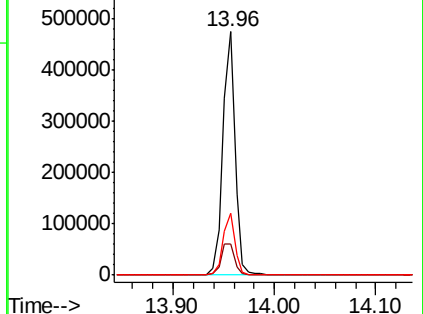
236 25.2 20.2 30.2

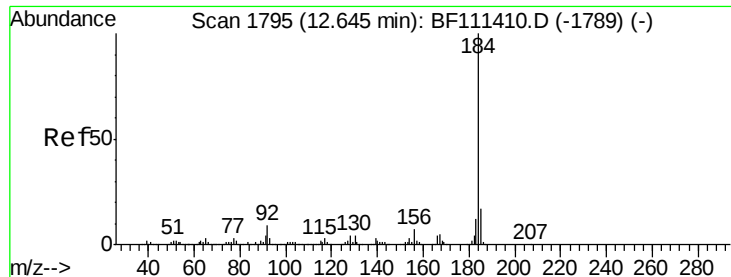


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.496 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

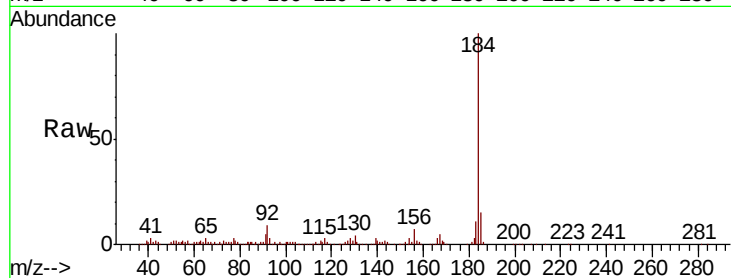
Tgt Ion:184 Resp: 269728

Ion Ratio Lower Upper

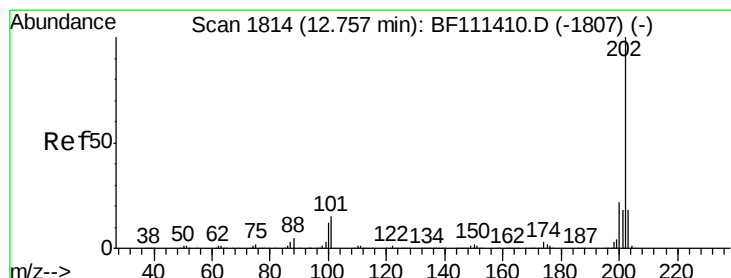
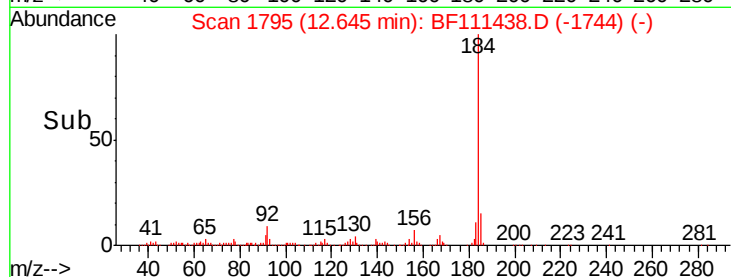
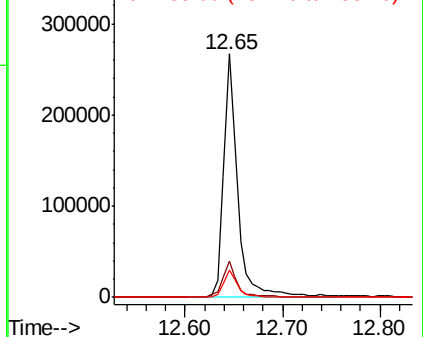
184 100

185 14.6 13.0 19.6

183 11.4 9.3 13.9



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



#78

Pyrene

Concen: 44.009 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

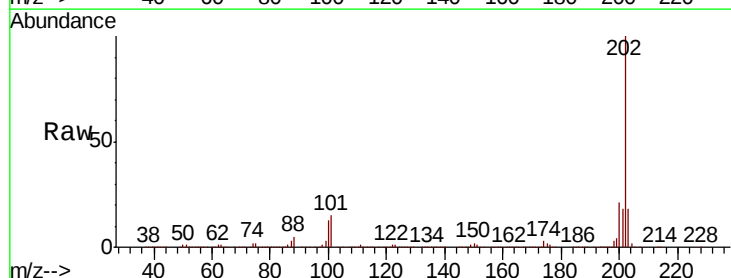
Tgt Ion:202 Resp: 1230881

Ion Ratio Lower Upper

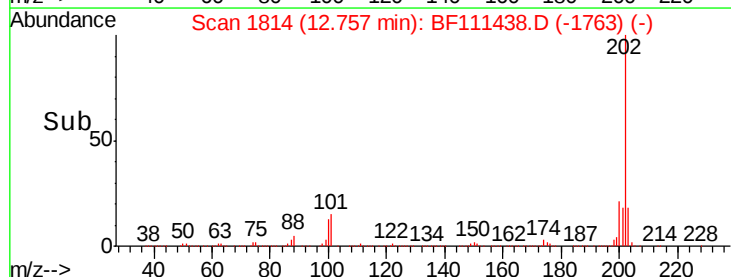
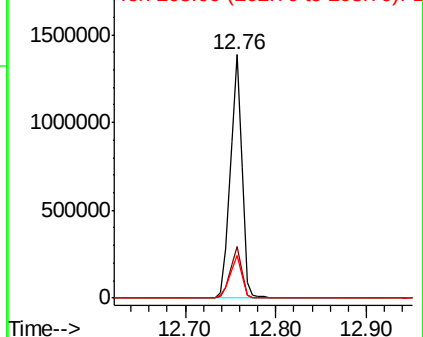
202 100

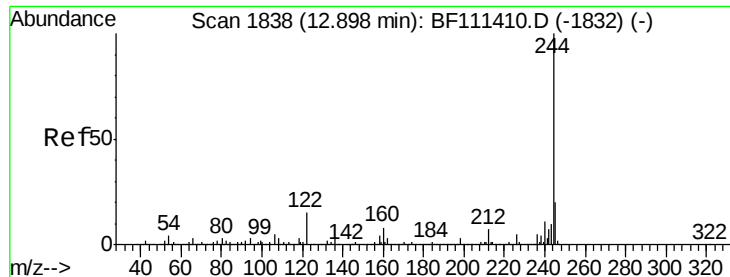
200 21.0 19.0 28.4

203 17.6 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.076 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

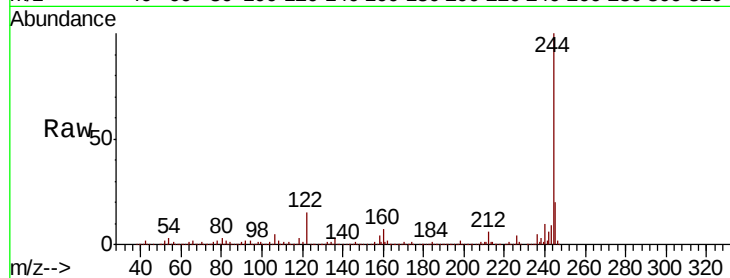
Tgt Ion:244 Resp: 1521702

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

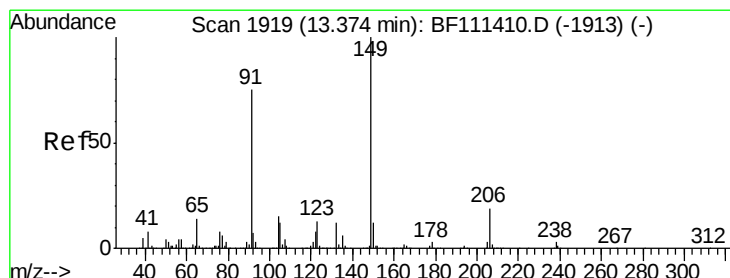
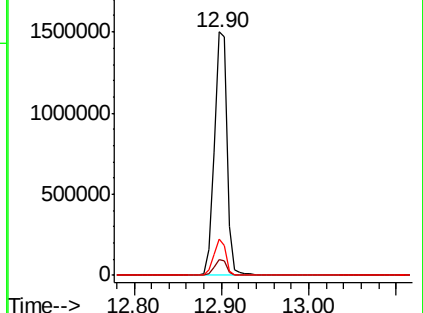
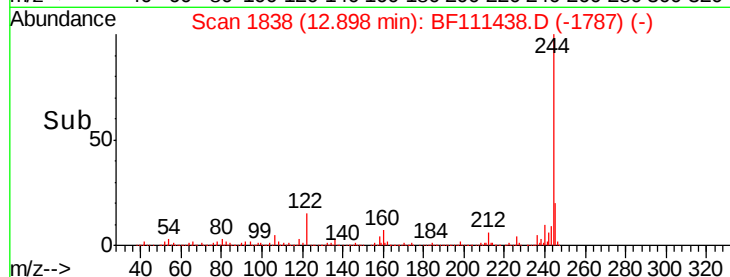
122 14.9 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.416 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

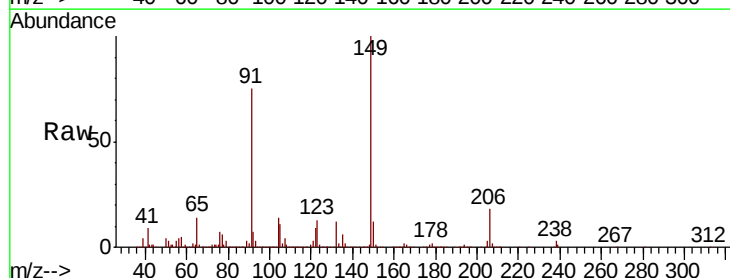
Tgt Ion:149 Resp: 605522

Ion Ratio Lower Upper

149 100

91 74.9 63.8 95.6

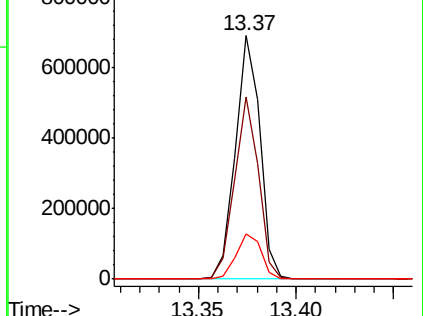
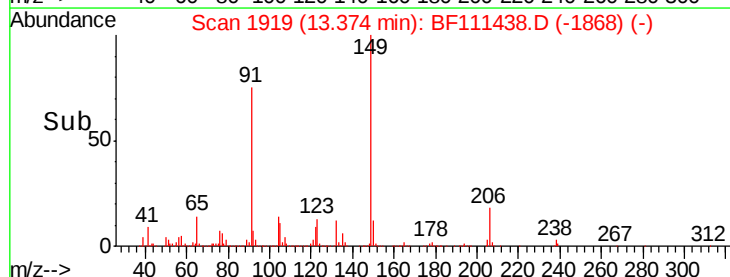
206 18.4 15.1 22.7

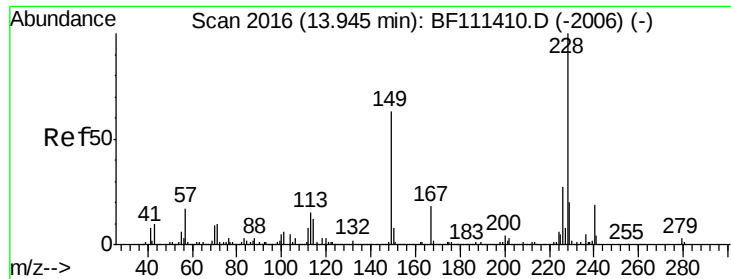


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.744 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

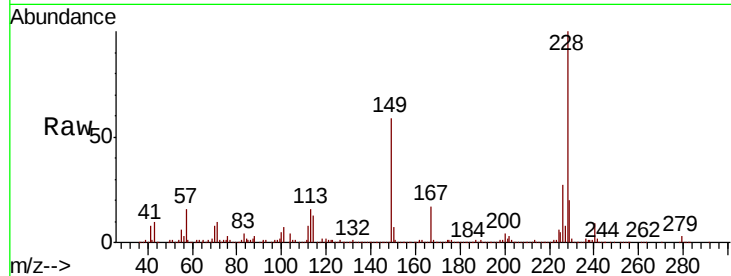
Tgt Ion:228 Resp: 986708

Ion Ratio Lower Upper

228 100

226 27.0 22.6 34.0

229 20.0 16.3 24.5

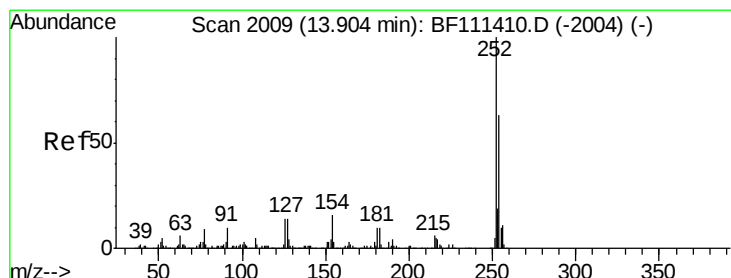
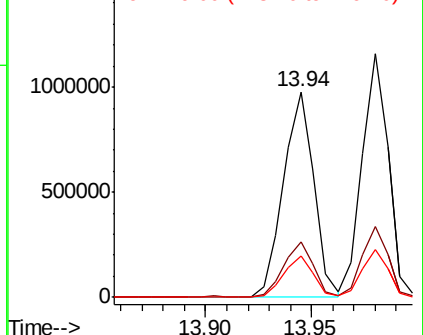
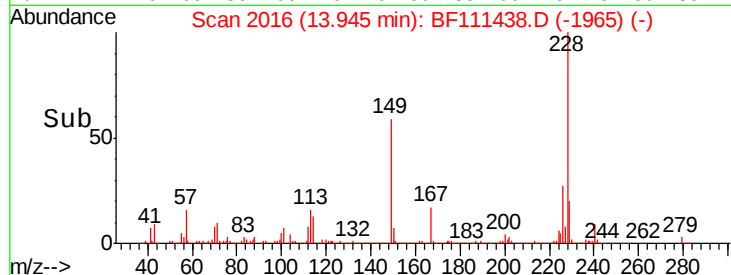


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 39.002 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

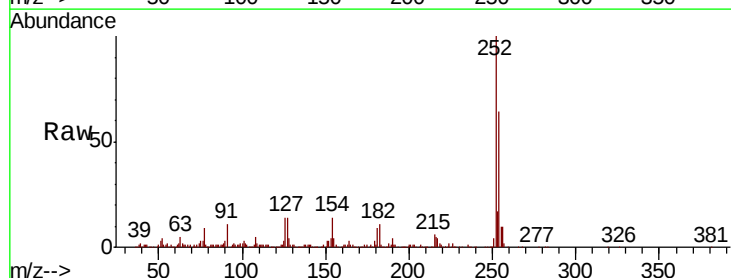
Tgt Ion:252 Resp: 342001

Ion Ratio Lower Upper

252 100

254 64.0 52.7 79.1

126 14.3 11.1 16.7

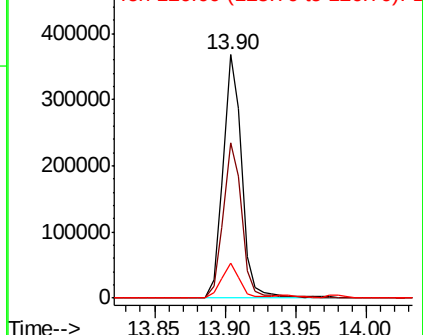
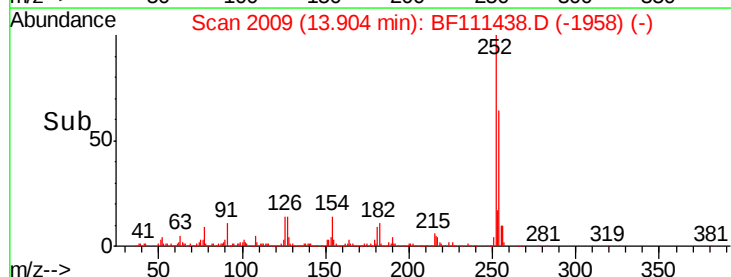


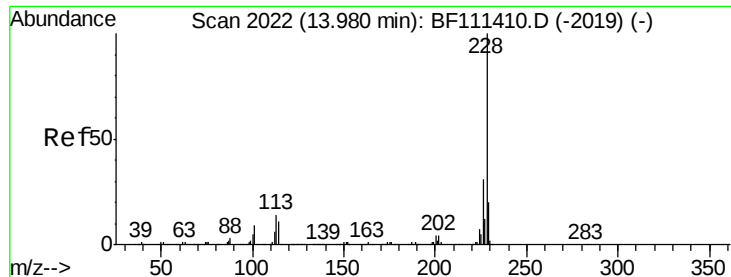
Abundance

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





#83

Chrysene

Concen: 44.640 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

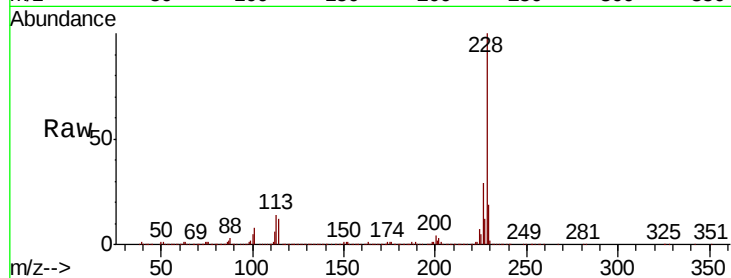
Tgt Ion:228 Resp: 1014368

Ion Ratio Lower Upper

228 100

226 28.9 25.3 37.9

229 19.5 17.2 25.8

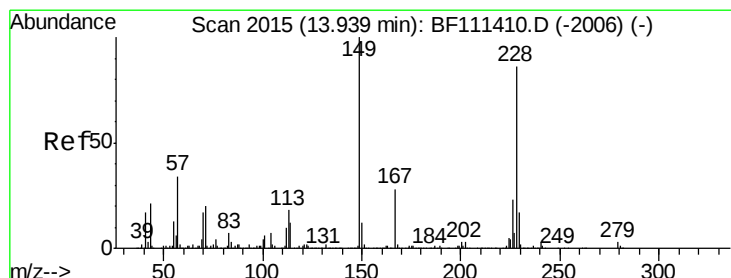
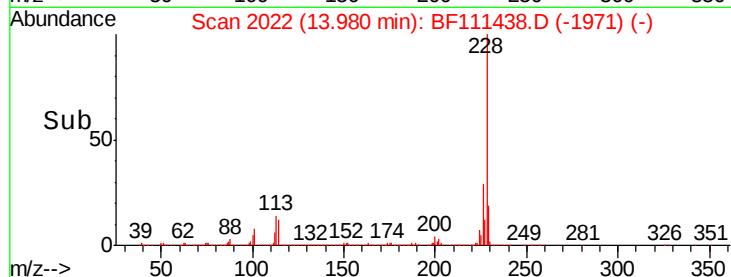
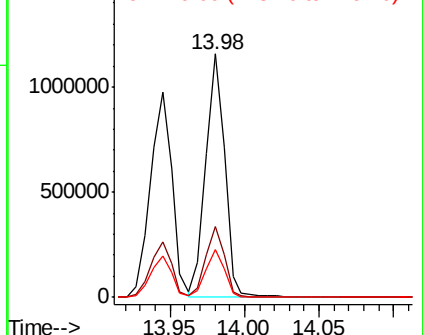


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.802 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

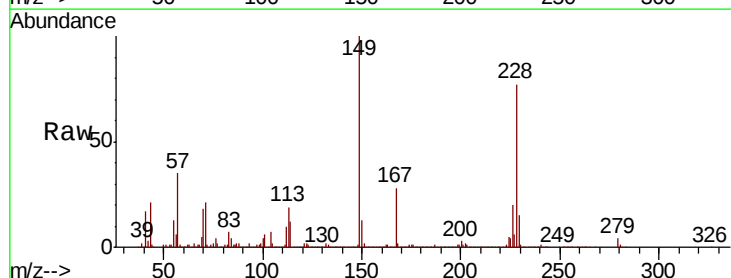
Tgt Ion:149 Resp: 797532

Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 3.6 2.6 4.0

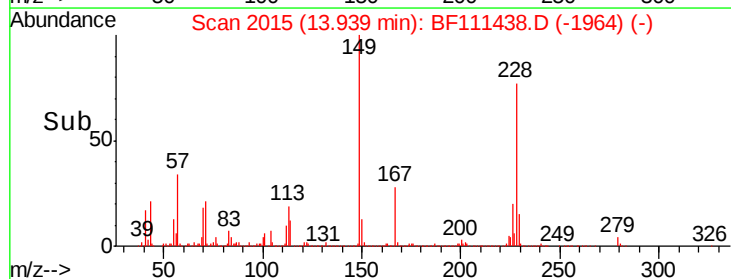
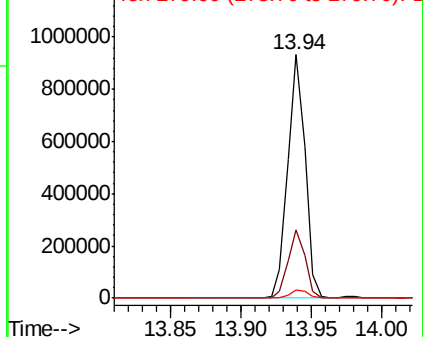


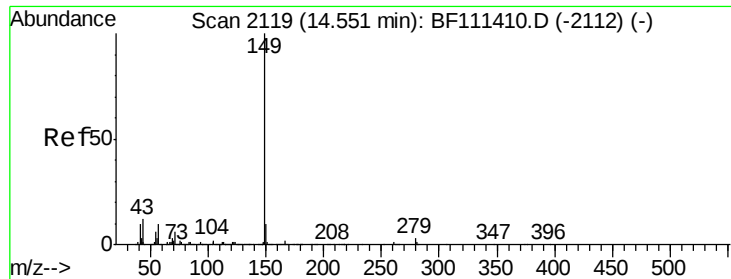
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.318 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

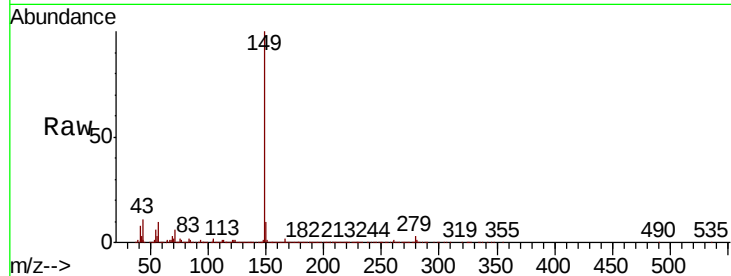
Tgt Ion:149 Resp: 1477878

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

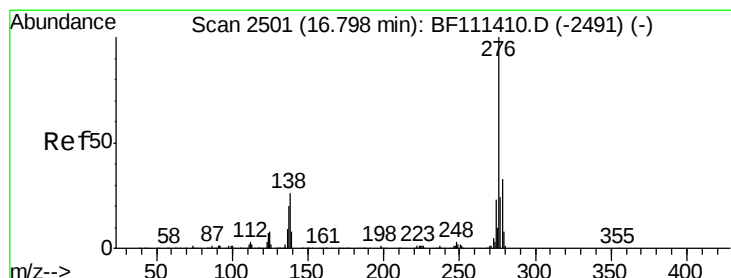
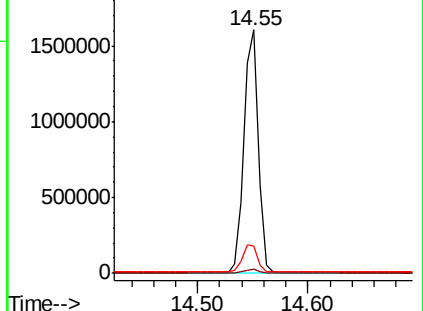
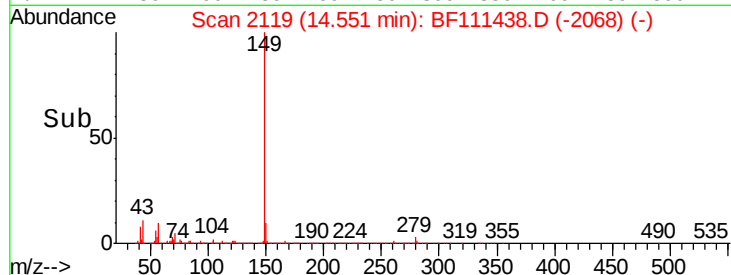
43 12.1 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.732 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

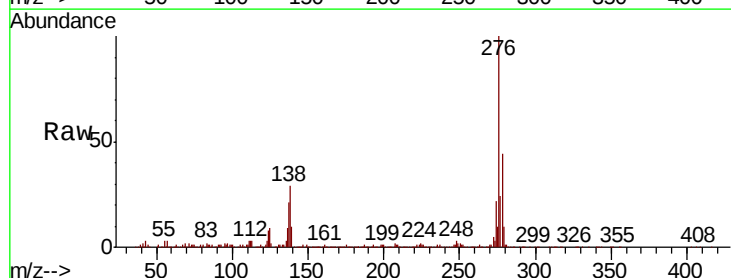
Tgt Ion:276 Resp: 684393

Ion Ratio Lower Upper

276 100

138 32.9 27.8 41.6

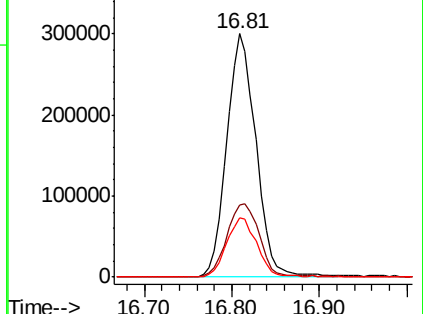
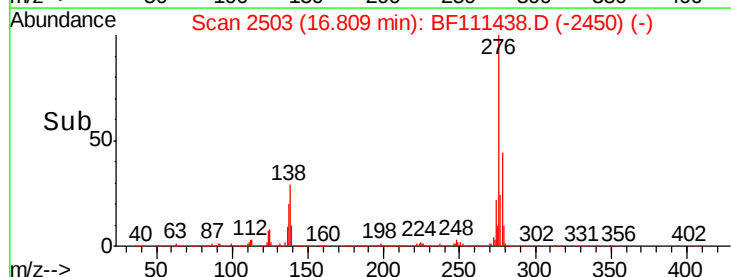
277 25.2 20.1 30.1

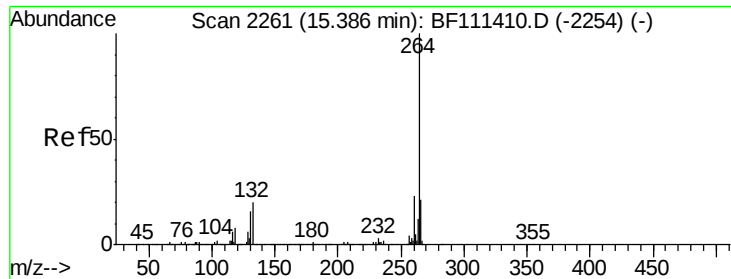


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

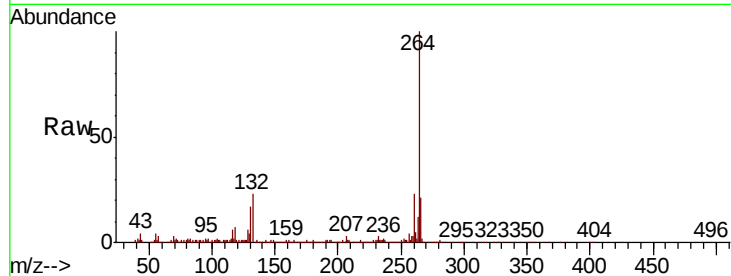
Tgt Ion:264 Resp: 286992

Ion Ratio Lower Upper

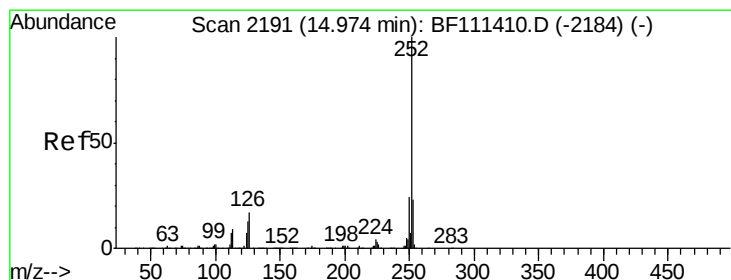
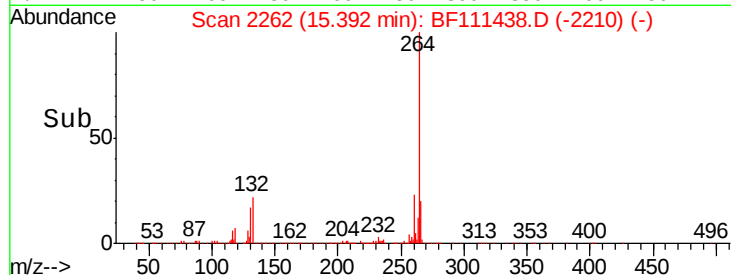
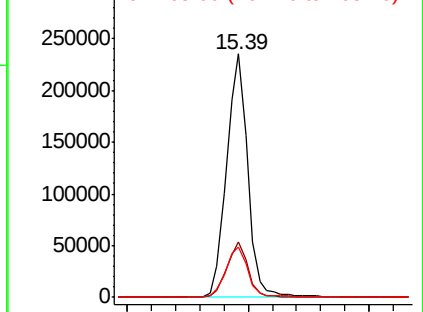
264 100

260 23.0 18.3 27.5

265 20.6 17.7 26.5



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



#88

Benzo(b)fluoranthene

Concen: 48.759 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

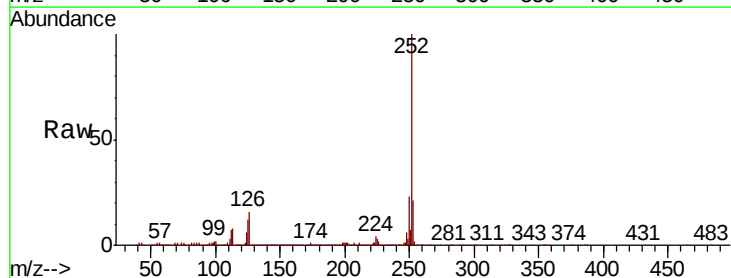
Tgt Ion:252 Resp: 815833

Ion Ratio Lower Upper

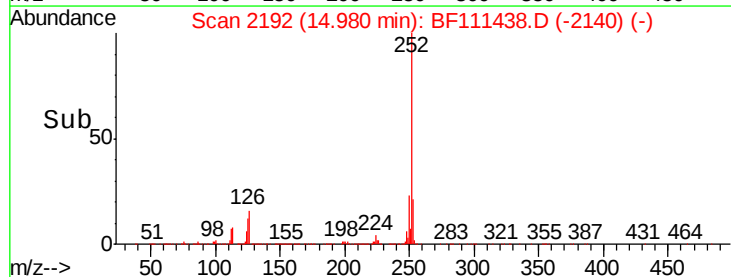
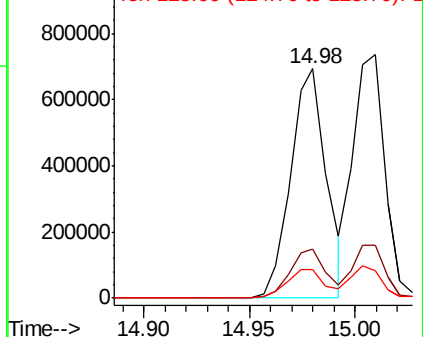
252 100

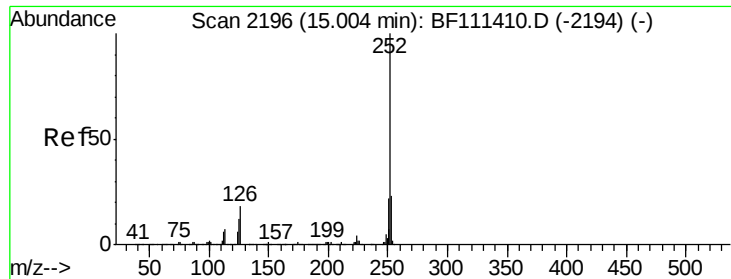
253 21.4 18.2 27.2

125 12.2 10.4 15.6



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

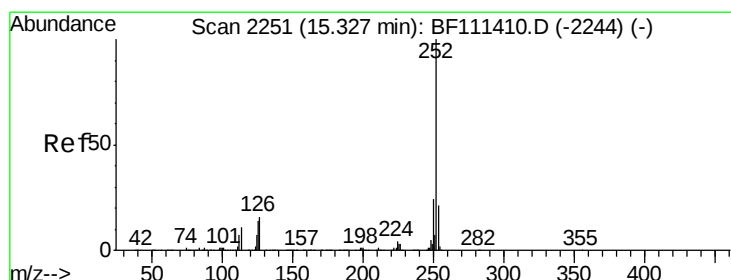
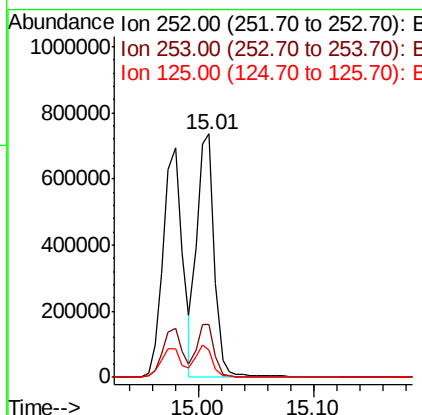
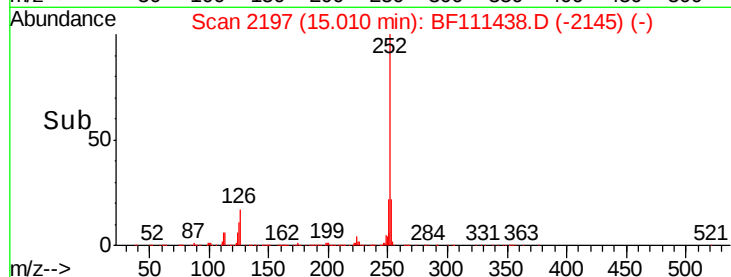
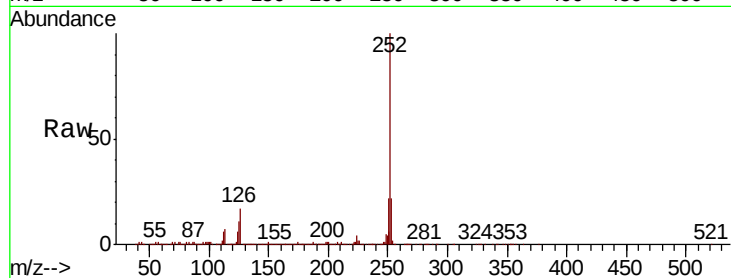




#89
Benzo(k)fluoranthene
Concen: 49.315 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

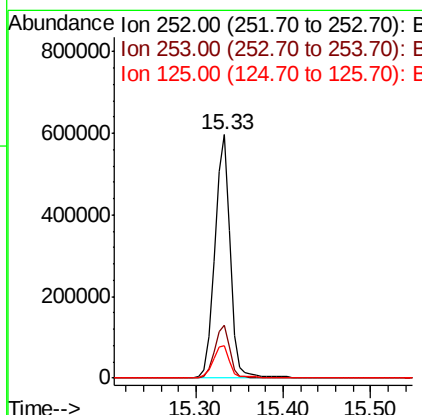
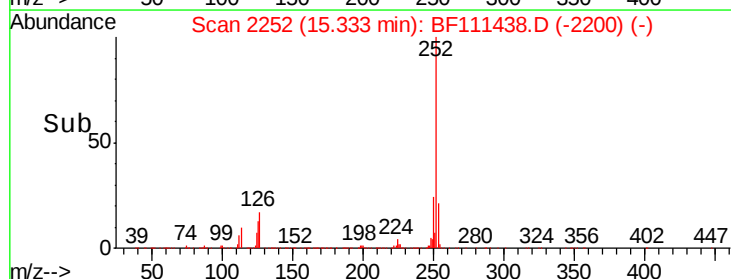
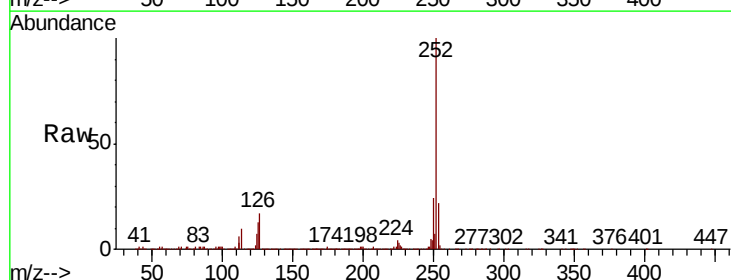
Instrument :
BNA_G
ClientSampleId :
SB-2MSD

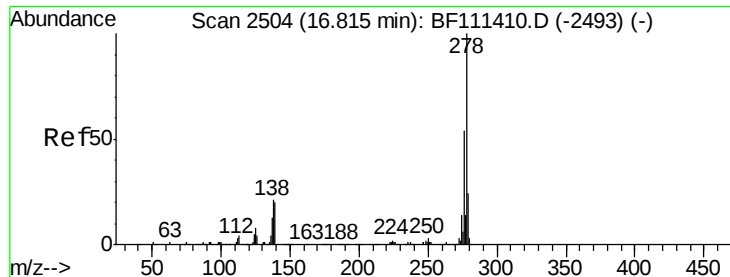
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.3	9.8	14.8



#90
Benzo(a)pyrene
Concen: 48.179 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111438.D
Acq: 15 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	13.1	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 49.069 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SB-2MSD

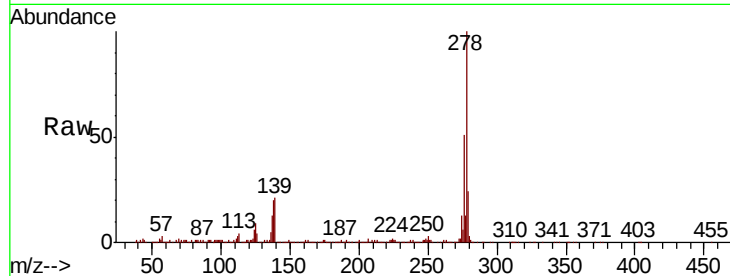
Tgt Ion: 278 Resp: 584025

Ion Ratio Lower Upper

278 100

139 20.8 18.2 27.4

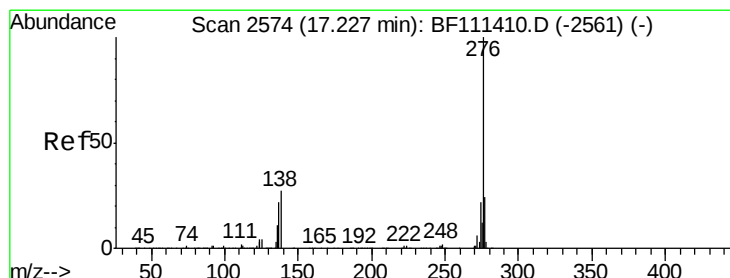
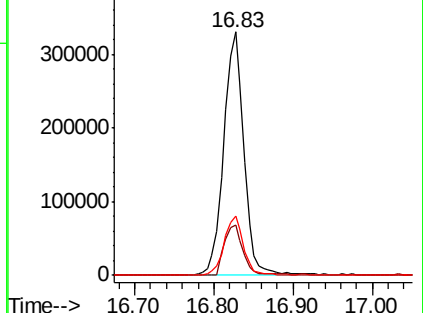
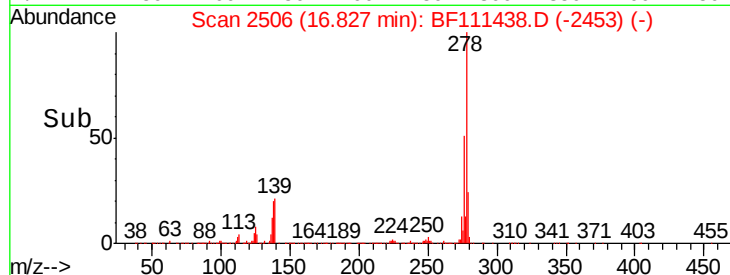
279 24.1 19.0 28.6



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



#92

Benzo(g,h,i)perylene

Concen: 49.109 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF111438.D

Acq: 15 Dec 2018 00:12

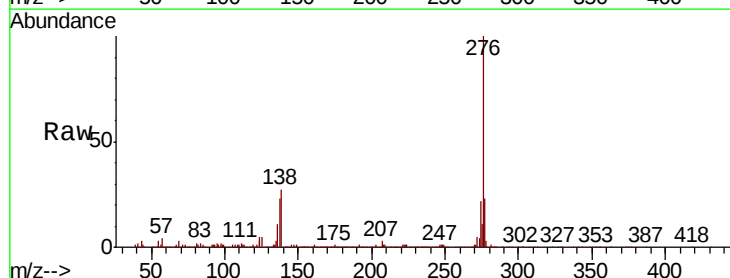
Tgt Ion: 276 Resp: 573744

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 26.8 24.9 37.3



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

