

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
 Data File : BF114437.D
 Acq On : 20 May 2019 14:32
 Operator : JU/SJ
 Sample : K2905-09MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 21 11:16:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	189475	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	705912	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	315485	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	547741	20.00	ng	0.00
76) Chrysene-d12	13.99	240	360597	20.00	ng	-0.01
87) Perylene-d12	15.46	264	482236	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1153881	98.00	ng	0.00
7) Phenol-d6	6.48	99	1486649	106.76	ng	0.00
23) Nitrobenzene-d5	7.39	82	905863	72.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	299955	91.97	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1465722	70.28	ng	0.00
79) Terphenyl-d14	12.93	244	1117472	63.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	171709	26.532	ng	98
3) Pyridine	3.40	79	136676	7.665	ng	98
4) n-Nitrosodimethylamine	3.31	42	257115	29.902	ng	98
6) Aniline	6.49	93	418212	20.790	ng	# 18
8) 2-Chlorophenol	6.62	128	465802	37.058	ng	96
9) Benzaldehyde	6.38	77	343709	35.256	ng	100
10) Phenol	6.49	94	592761	36.185	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	447190	35.957	ng	98
12) 1,3-Dichlorobenzene	6.77	146	478624	33.923	ng	97
13) 1,4-Dichlorobenzene	6.85	146	486108	34.191	ng	97
14) 1,2-Dichlorobenzene	7.00	146	457081	35.189	ng	98
15) Benzyl Alcohol	6.97	79	381693	35.143	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	802147	33.265	ng	84
17) 2-Methylphenol	7.09	107	365285	35.378	ng	96
18) Hexachloroethane	7.34	117	176857	33.139	ng	100
19) n-Nitroso-di-n-propylamine	7.24	70	305543	34.616	ng	96
20) 3+4-Methylphenols	7.25	107	455744	38.203	ng	# 77
22) Acetophenone	7.24	105	613623	39.239	ng	# 91
24) Nitrobenzene	7.41	77	482421	37.656	ng	98
25) Isophorone	7.65	82	846562	36.289	ng	99
26) 2-Nitrophenol	7.73	139	246807	39.708	ng	98
27) 2,4-Dimethylphenol	7.77	122	377113	38.630	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	544608	35.980	ng	98
29) 2,4-Dichlorophenol	7.98	162	368408	37.899	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	392526	35.511	ng	98
31) Naphthalene	8.13	128	1265531	38.379	ng	98
32) Benzoic acid	7.90	122	167990	27.625	ng	99
33) 4-Chloroaniline	8.19	127	446449	29.711	ng	98
34) Hexachlorobutadiene	8.25	225	213632	33.967	ng	99
35) Caprolactam	8.55	113	117998	37.227	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	380317	38.868	ng	97
37) 2-Methylnaphthalene	8.83	142	812189	38.176	ng	98
38) 1-Methylnaphthalene	8.92	142	772127	38.539	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	370894	38.810	ng	99

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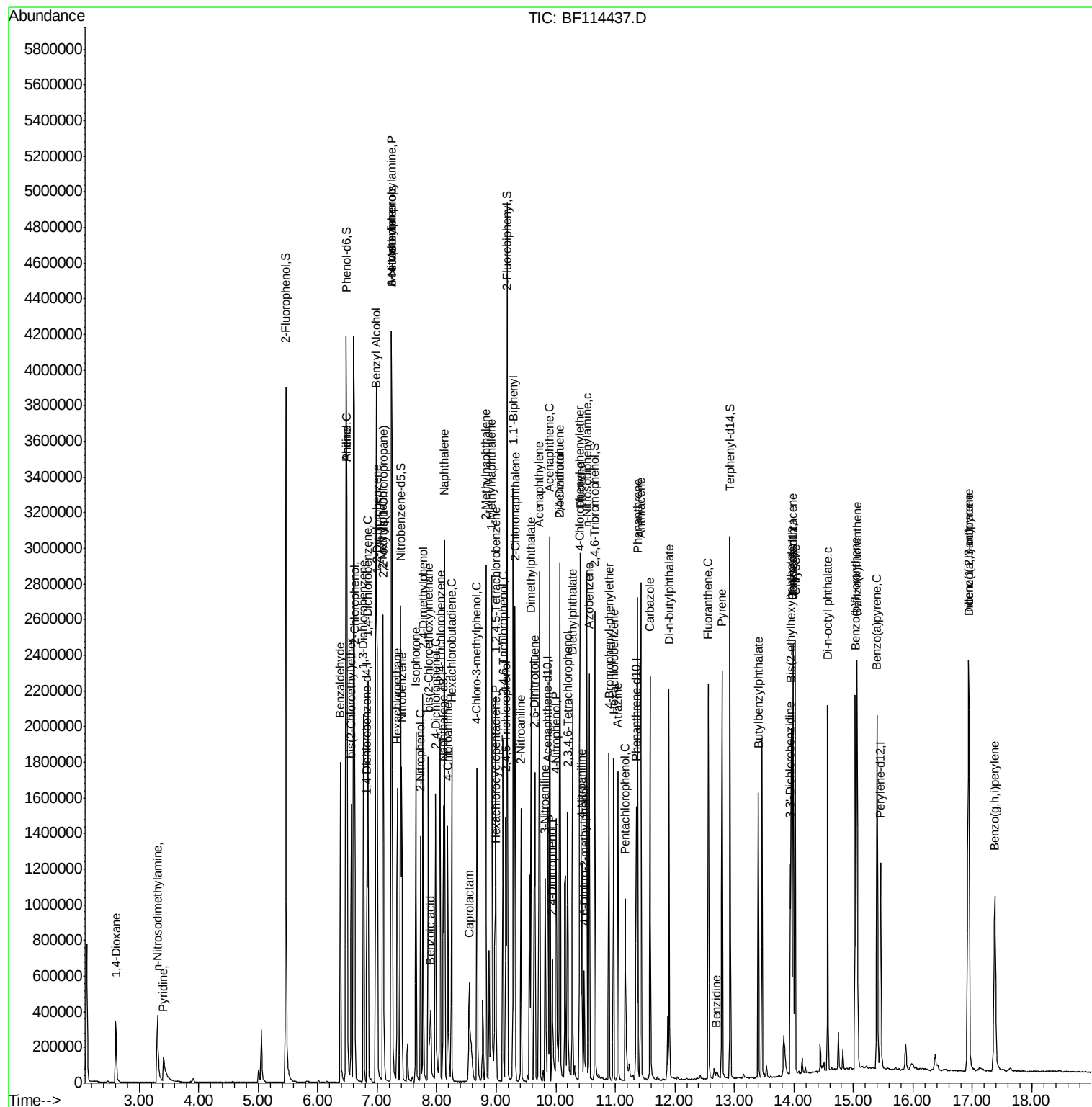
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	116859	29.152	ng	98
43) 2,4,6-Trichlorophenol	9.11	196	237204	36.085	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	251897	37.366	ng	96
46) 1,1'-Biphenyl	9.29	154	974936	38.252	ng	99
47) 2-Chloronaphthalene	9.32	162	749796	36.555	ng	96
48) 2-Nitroaniline	9.42	65	262887	36.139	ng	93
49) Acenaphthylene	9.73	152	1174117	37.636	ng	98
50) Dimethylphthalate	9.59	163	1069661	46.187	ng	100
51) 2,6-Dinitrotoluene	9.65	165	192554	37.485	ng	97
52) Acenaphthene	9.90	154	671178	35.060	ng	99
53) 3-Nitroaniline	9.83	138	186871	29.306	ng	93
54) 2,4-Dinitrophenol	9.95	184	117386	48.360	ng	94
55) Dibenzofuran	10.07	168	996397	35.495	ng	96
56) 4-Nitrophenol	10.00	139	239635	53.141	ng	95
57) 2,4-Dinitrotoluene	10.06	165	239295	34.322	ng	92
58) Fluorene	10.42	166	779807	35.964	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	201061	34.566	ng	97
60) Diethylphthalate	10.28	149	805854	34.246	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	379263	35.613	ng	98
62) 4-Nitroaniline	10.44	138	210512	31.417	ng	96
63) Azobenzene	10.56	77	773849	33.974	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	87366	33.194	ng	99
66) n-Nitrosodiphenylamine	10.52	169	663991	39.942	ng	98
67) 4-Bromophenyl-phenylether	10.89	248	222506	36.895	ng	98
68) Hexachlorobenzene	10.97	284	236469	35.443	ng	97
69) Atrazine	11.05	200	191008	36.922	ng	99
70) Pentachlorophenol	11.17	266	165142	52.216	ng	97
71) Phenanthrene	11.37	178	1012535	37.996	ng	98
72) Anthracene	11.43	178	1039491	38.836	ng	98
73) Carbazole	11.59	167	967862	37.920	ng	98
74) Di-n-butylphthalate	11.90	149	1072851	36.485	ng	100
75) Fluoranthene	12.56	202	944505	32.913	ng	98
77) Benzidine	12.69	184	16804	1.038	ng	96
78) Pyrene	12.79	202	954580	32.907	ng	99
80) Butylbenzylphthalate	13.40	149	379041	31.044	ng	96
81) Benzo(a)anthracene	13.99	228	848704	36.389	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	264472	29.231	ng	97
83) Chrysene	14.02	228	839266	36.708	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	501896	31.430	ng	98
85) Di-n-octyl phthalate	14.57	149	910328	35.166	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1094046	54.144	ng	99
88) Benzo(b)fluoranthene	15.03	252	987293	31.957	ng	99
89) Benzo(k)fluoranthene	15.06	252	993485	35.007	ng	98
90) Benzo(a)pyrene	15.40	252	1012880	37.252	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	937552	41.496	ng	99
92) Benzo(g,h,i)perylene	17.37	276	904889	39.965	ng	99

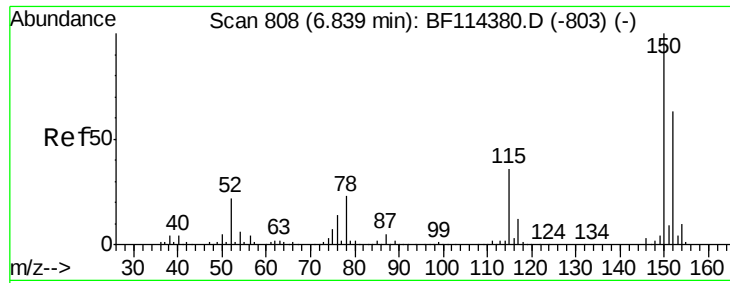
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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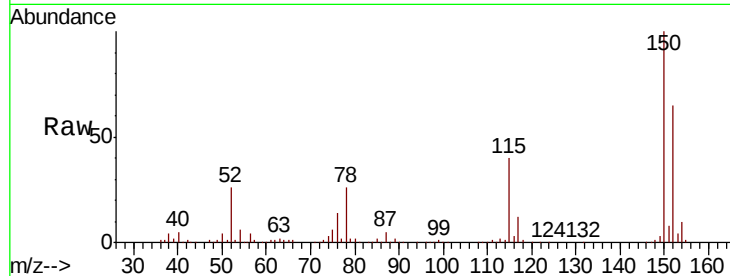


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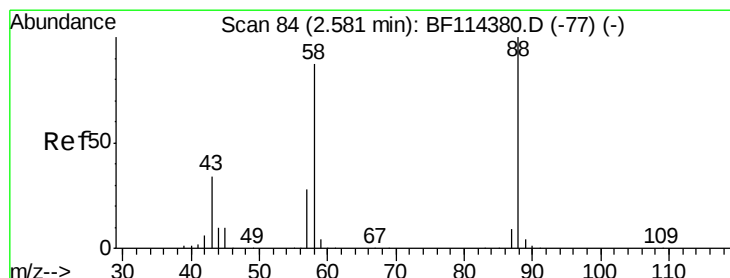
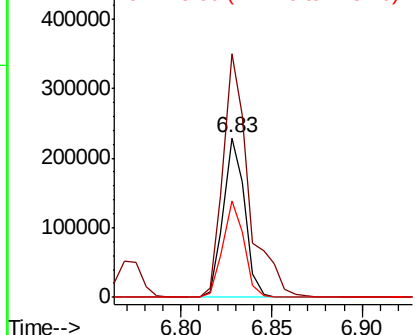
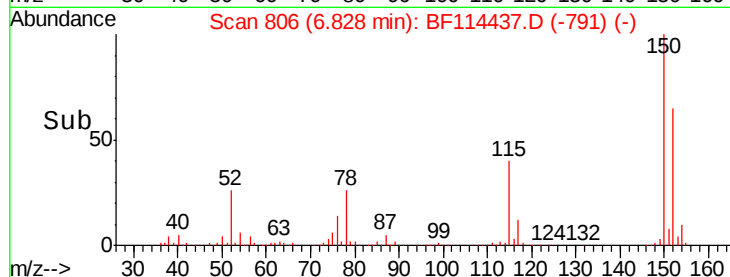
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 189475
Ion Ratio Lower Upper
152 100
150 152.8 124.3 186.5
115 60.5 49.1 73.7



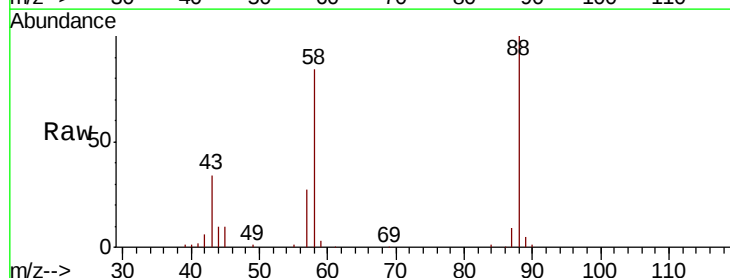
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



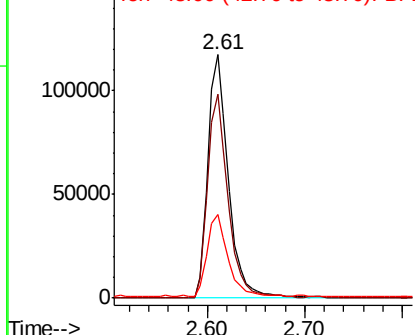
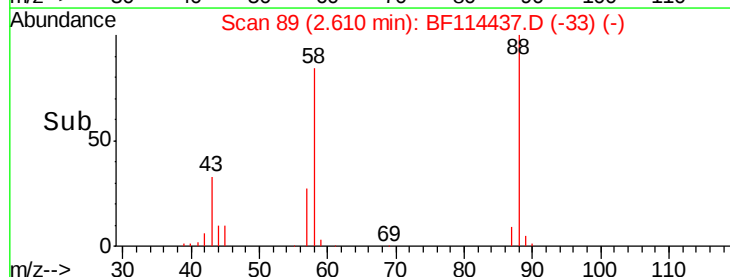
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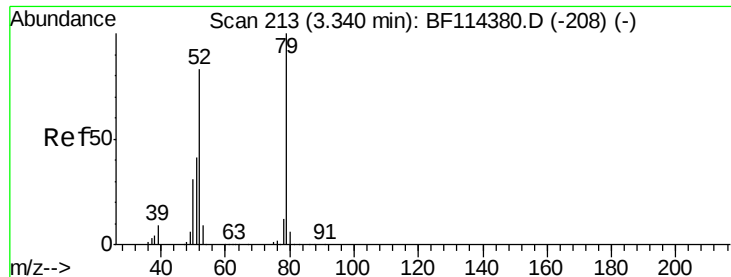
1,4-Dioxane
Concen: 26.532 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.03 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion: 88 Resp: 171709
Ion Ratio Lower Upper
88 100
58 83.9 68.7 103.1
43 33.6 28.2 42.2



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

Pvridine

Concen: 7.665 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.06 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampled :

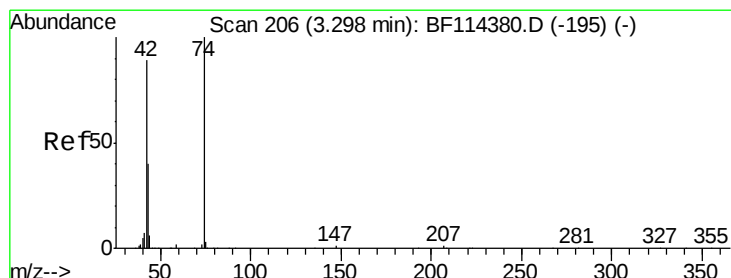
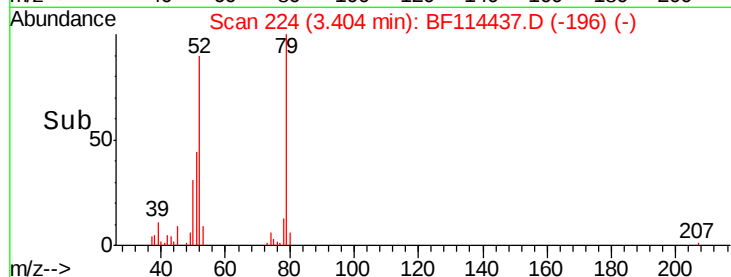
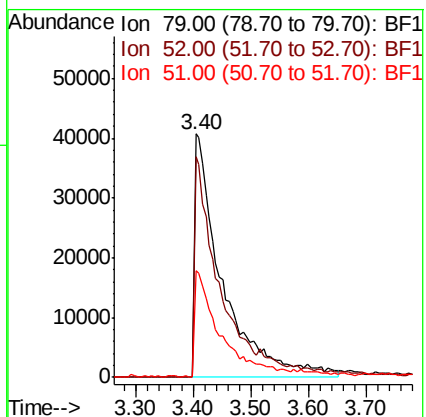
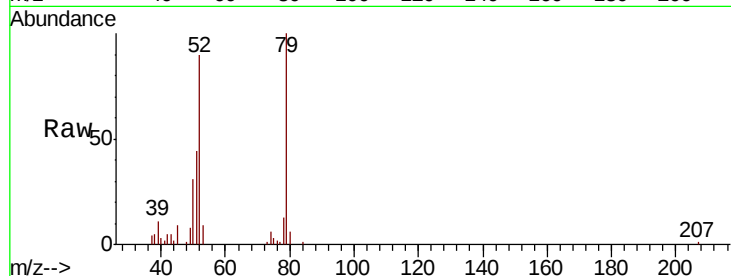
Tot Ion: 79 Resp: 136676

Ion Ratio Lower Upper

79 100

52 90.4 70.6 105.8

51 43.8 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 29.902 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

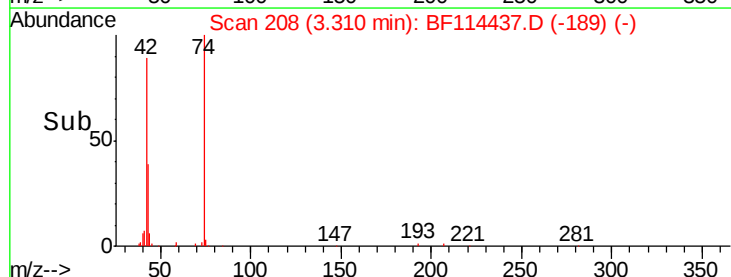
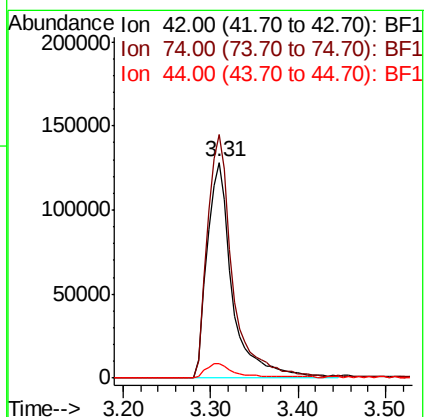
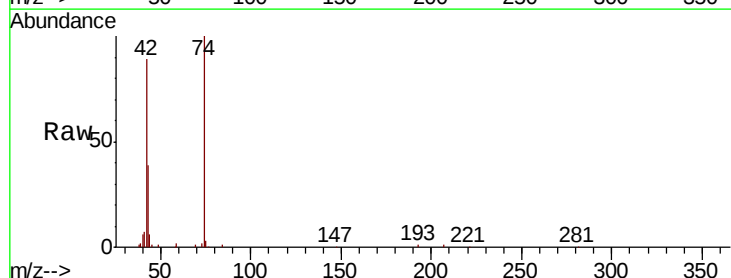
Tgt Ion: 42 Resp: 257115

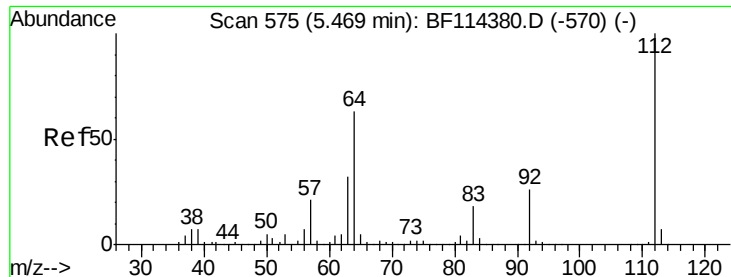
Ion Ratio Lower Upper

42 100

74 112.7 88.6 132.8

44 6.6 5.5 8.3





#5

2-Fluorophenol

Concen: 98.002 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

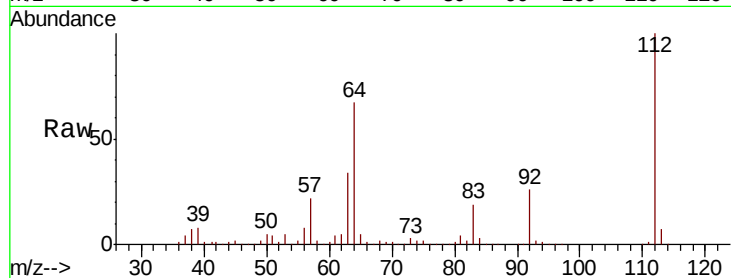
Tot Ion:112 Resp: 1153881

Ion Ratio Lower Upper

112 100

64 66.9 49.0 73.6

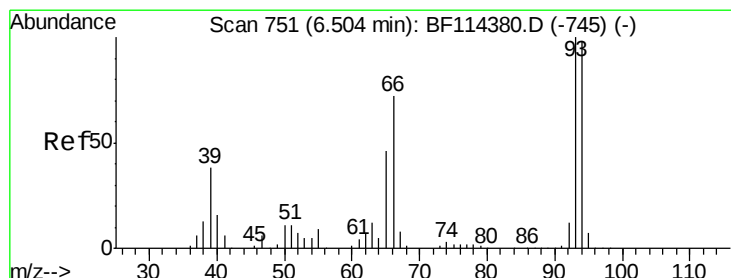
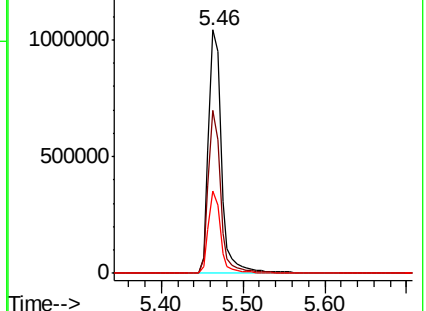
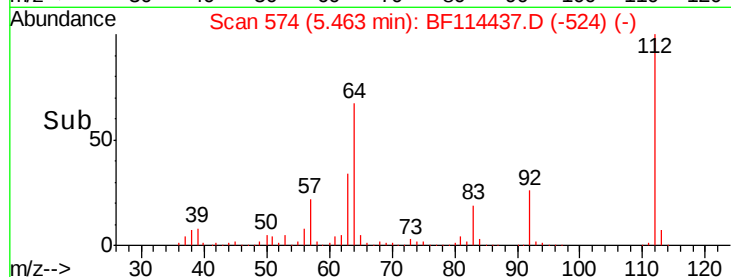
63 34.0 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.790 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

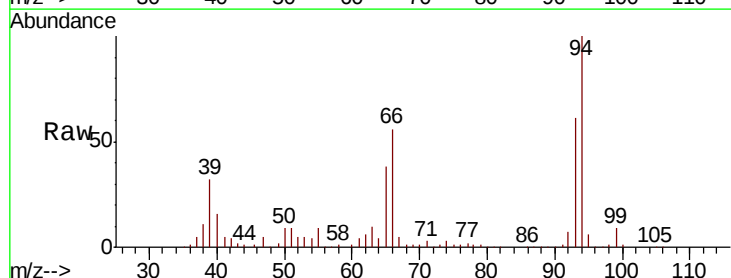
Tgt Ion: 93 Resp: 418212

Ion Ratio Lower Upper

93 100

66 92.9 33.2 49.8#

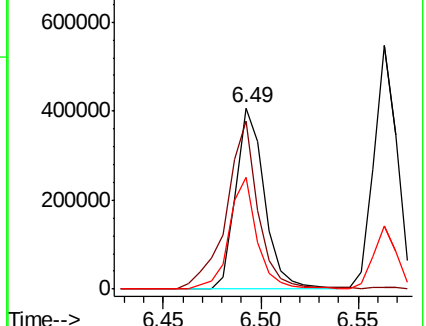
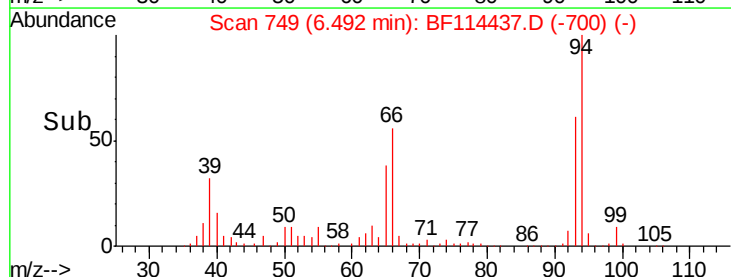
65 61.9 17.6 26.4#

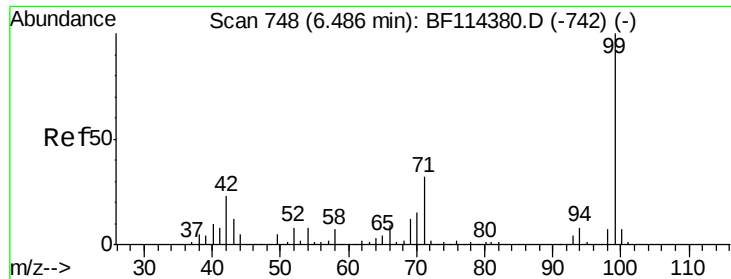


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.757 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

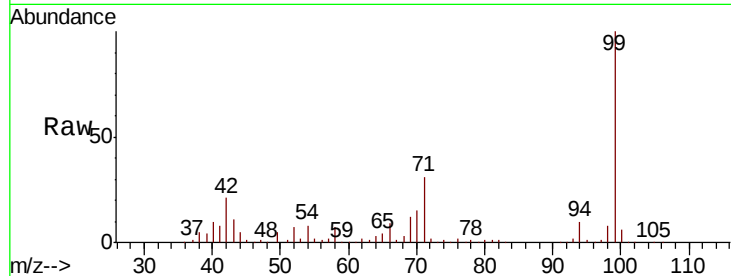
Tot Ion: 99 Resp: 1486649

Ion Ratio Lower Upper

99 100

42 21.3 17.9 26.9

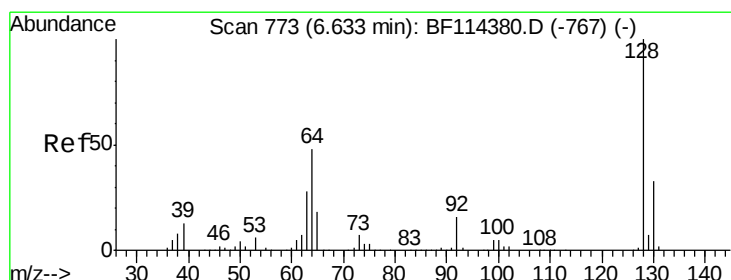
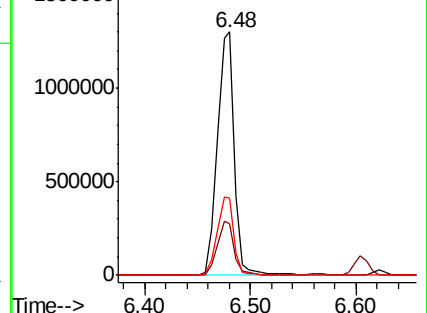
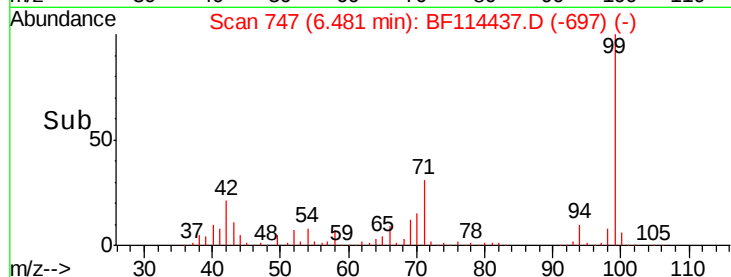
71 31.5 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.058 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

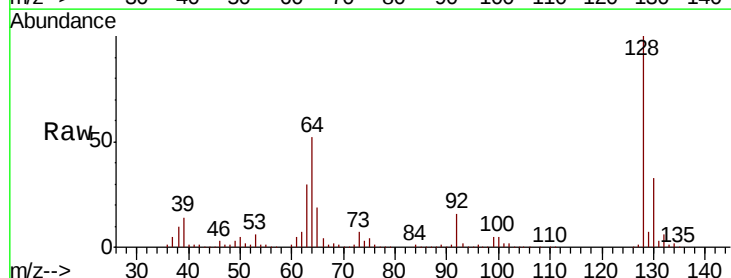
Tgt Ion: 128 Resp: 465802

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

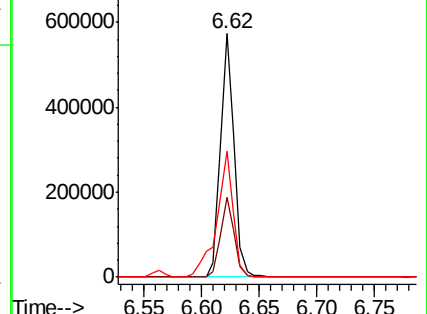
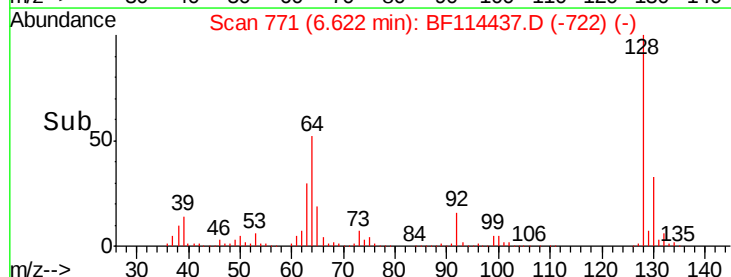
64 51.6 35.9 75.9

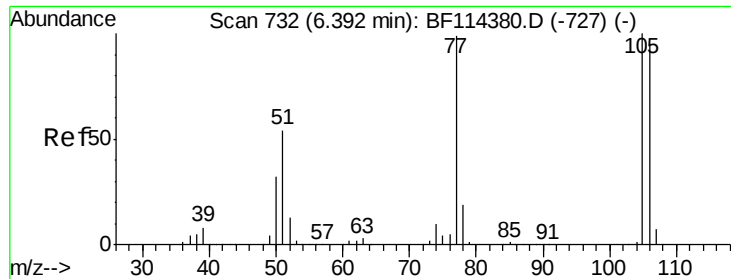


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

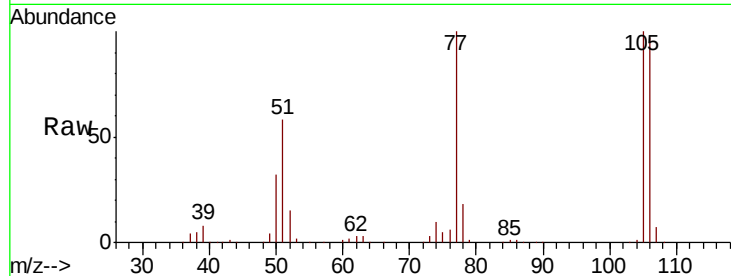




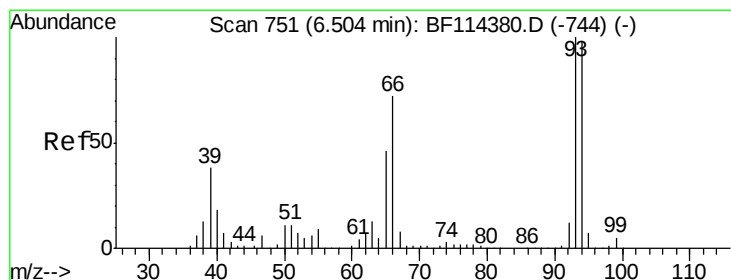
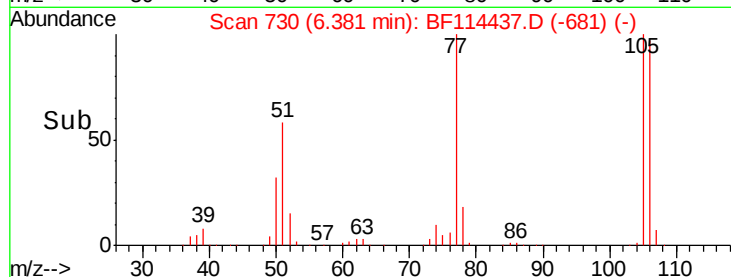
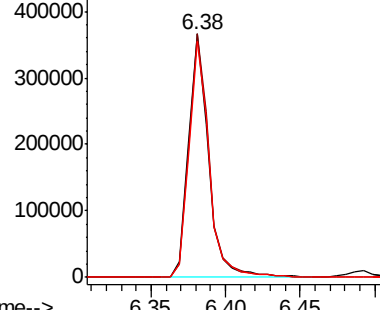
#9
Benzaldehyde
Concen: 35.256 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF114437.D
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Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 343709
Ion Ratio Lower Upper
77 100
105 100.0 79.3 119.3
106 97.1 77.0 117.0

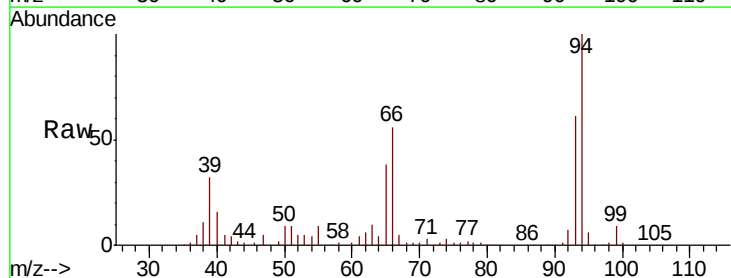


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

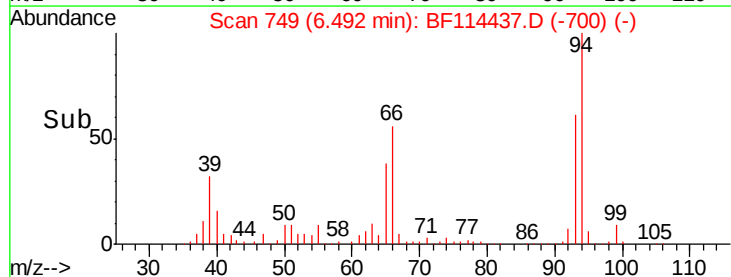
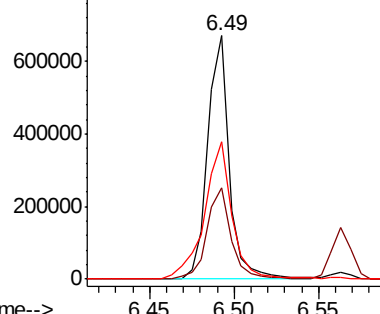


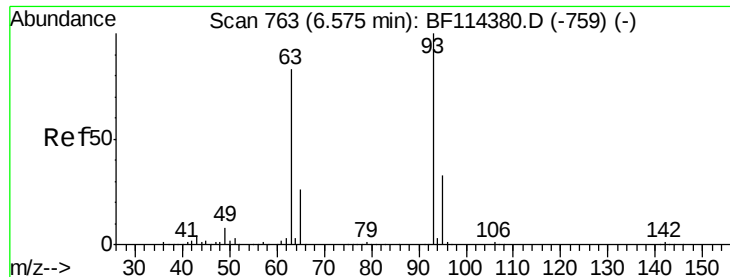
#10
Phenol
Concen: 36.185 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion: 94 Resp: 592761
Ion Ratio Lower Upper
94 100
65 37.6 14.7 54.7
66 56.4 29.6 69.6



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

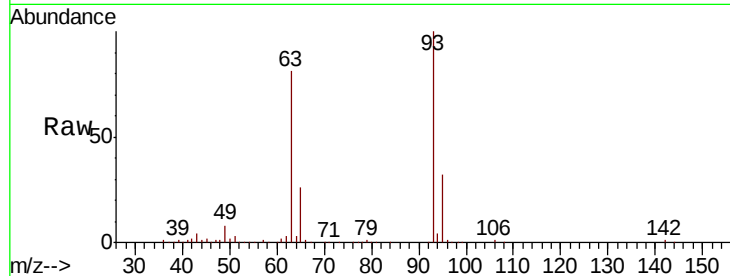




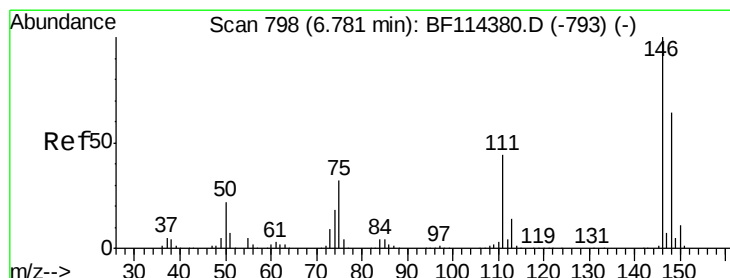
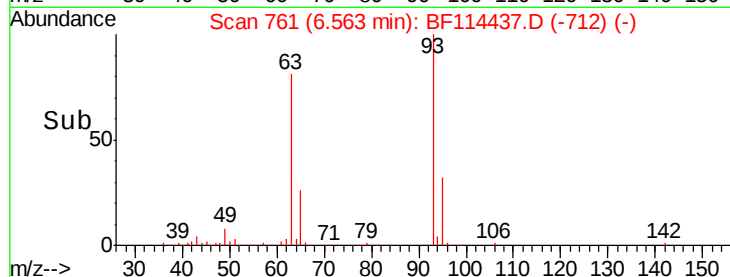
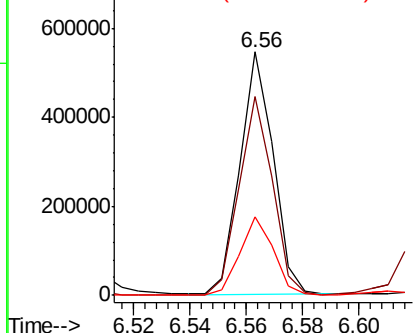
#11
bis(2-Chloroethyl)ether
Concen: 35.957 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 447190
Ion Ratio Lower Upper
93 100
63 81.5 63.6 103.6
95 32.2 13.1 53.1

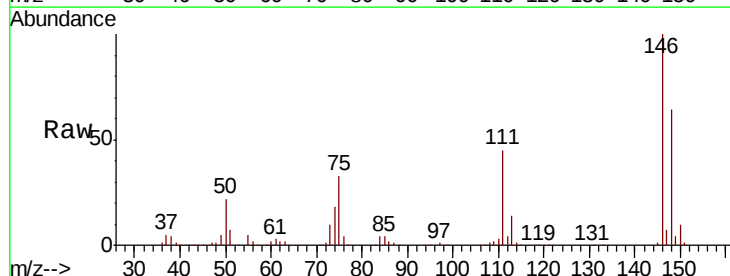


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

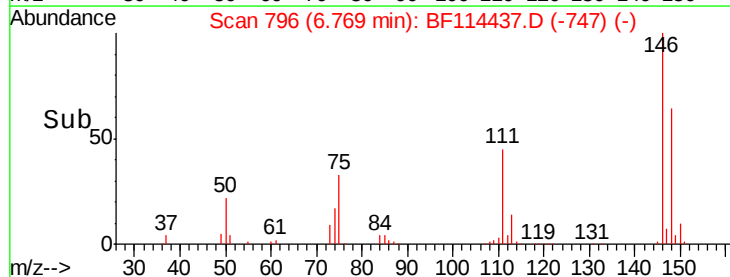
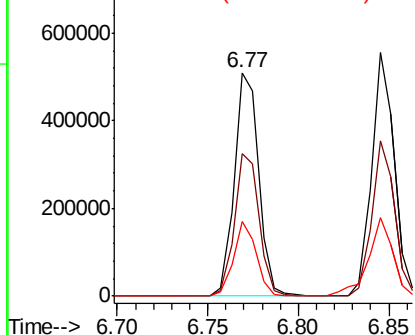


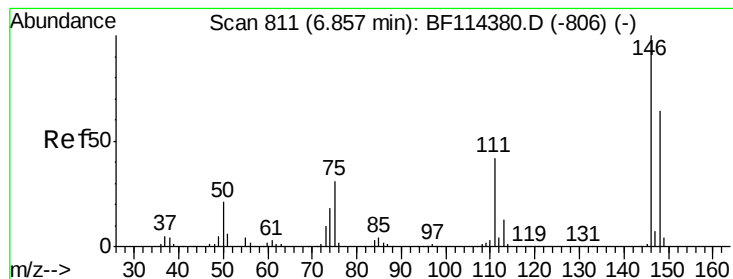
#12
1,3-Dichlorobenzene
Concen: 33.923 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion: 146 Resp: 478624
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
75 33.2 24.2 36.2



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: 34.191 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

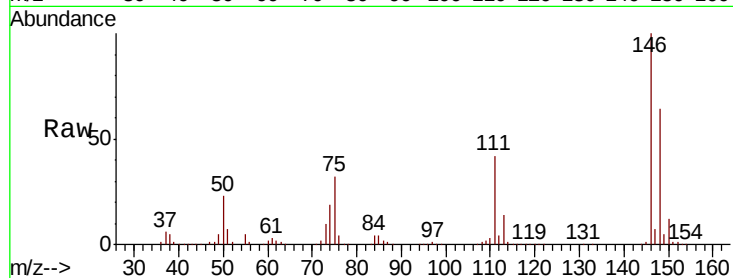
Tot Ion:146 Resp: 486108

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

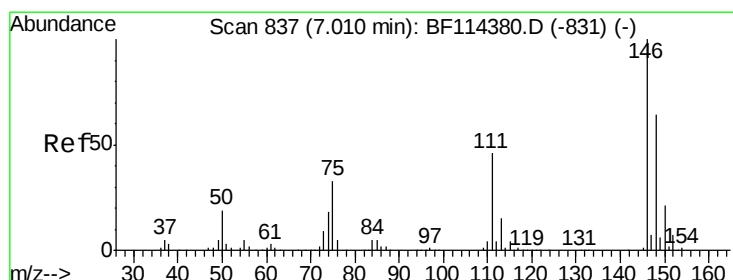
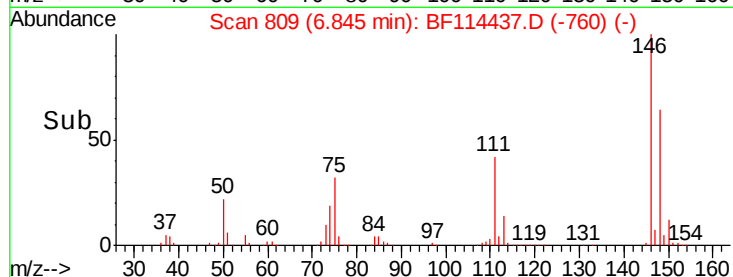
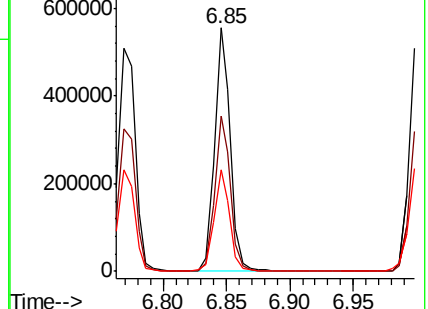
111 42.0 35.8 53.6



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: 35.189 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

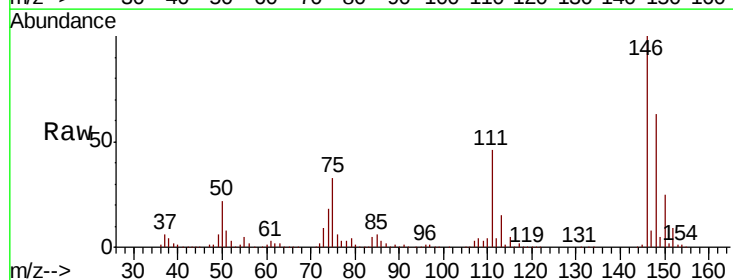
Tgt Ion:146 Resp: 457081

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

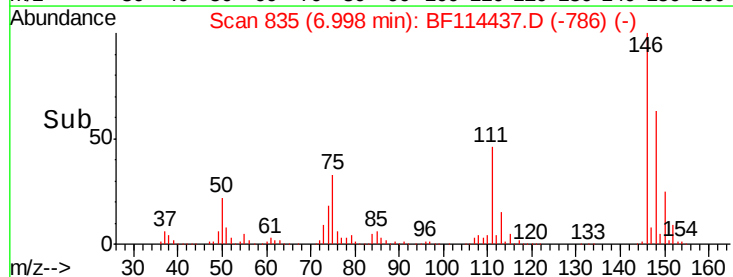
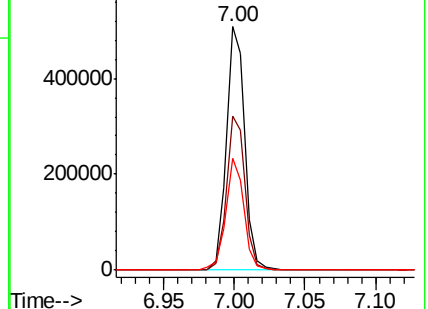
111 46.0 35.3 52.9

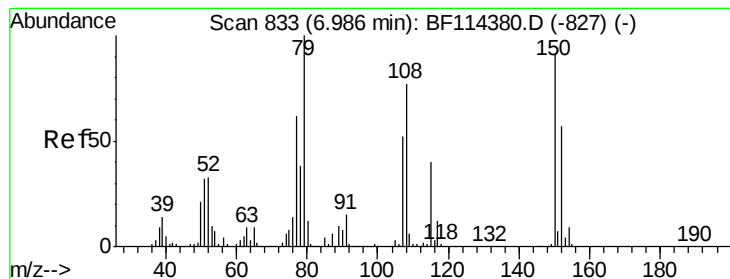


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.143 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

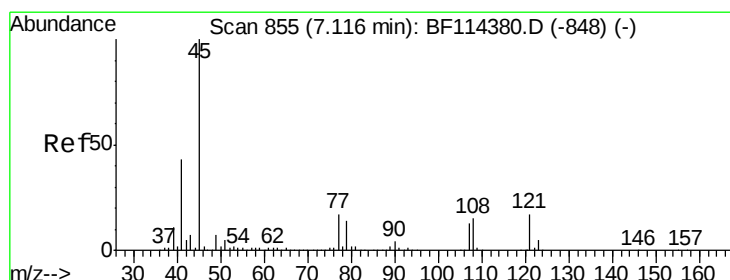
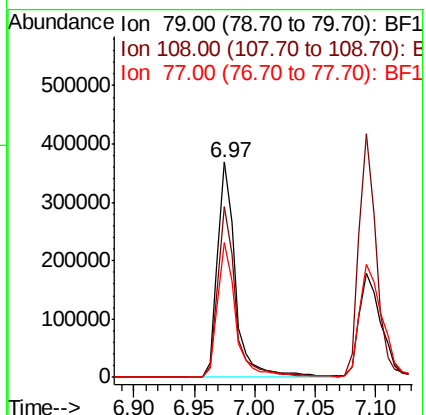
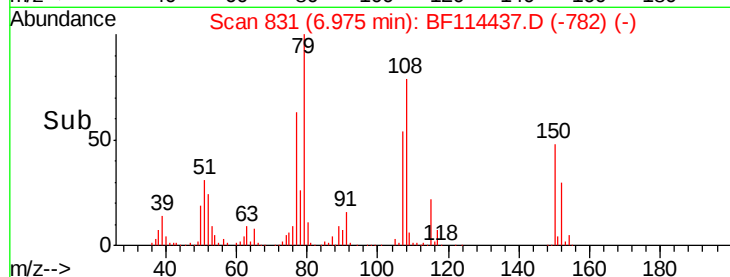
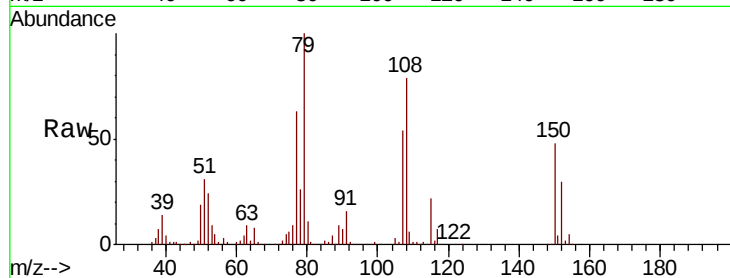
Tot Ion: 79 Resp: 381693

Ion Ratio Lower Upper

79 100

108 79.2 62.1 93.1

77 62.6 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.265 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

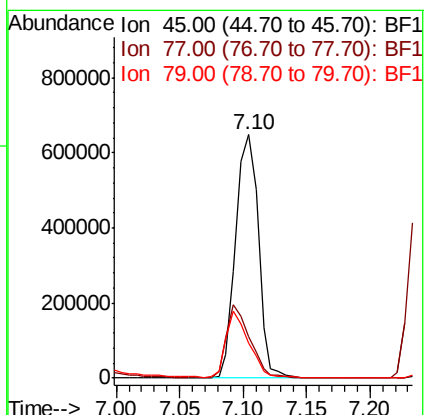
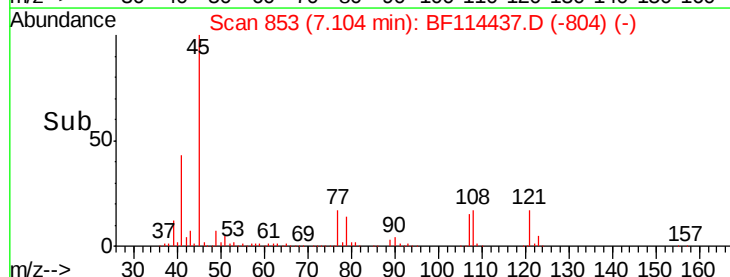
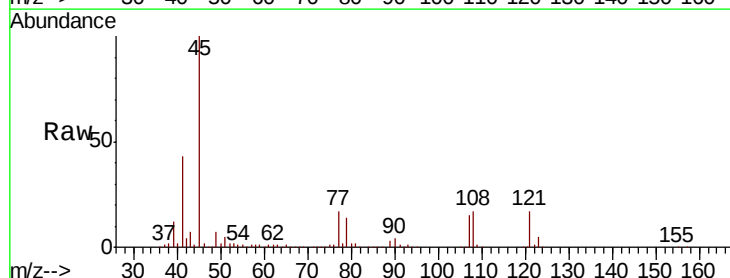
Tgt Ion: 45 Resp: 802147

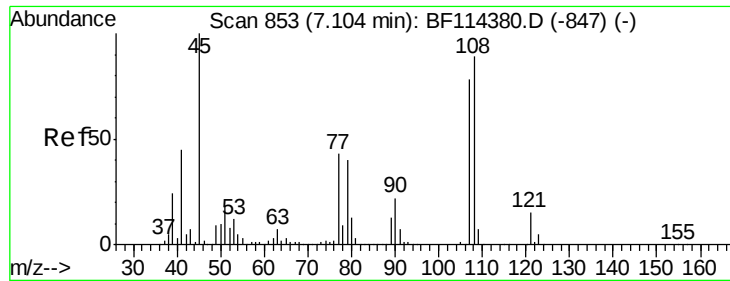
Ion Ratio Lower Upper

45 100

77 17.0 0.0 31.1

79 14.4 0.0 28.4

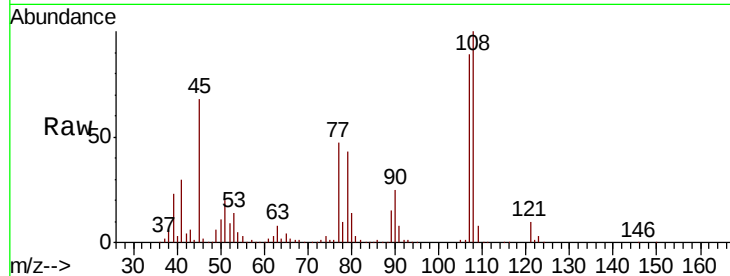




#17
2-Methylphenol
Concen: 35.378 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.5	135.7
77	52.2	37.0	55.4
79	48.1	35.8	53.8



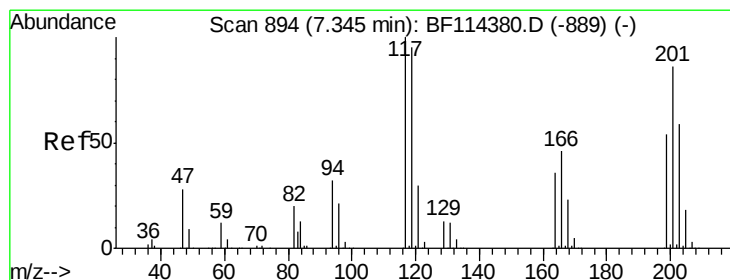
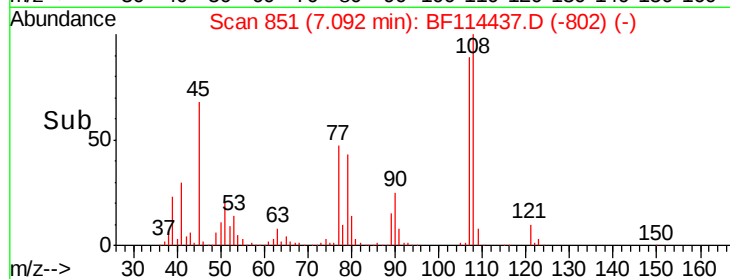
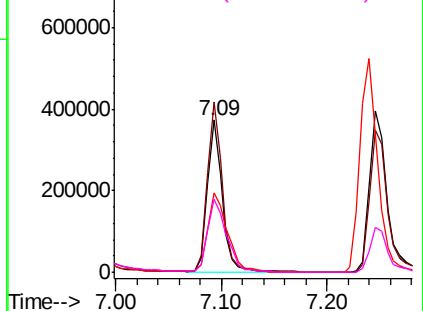
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

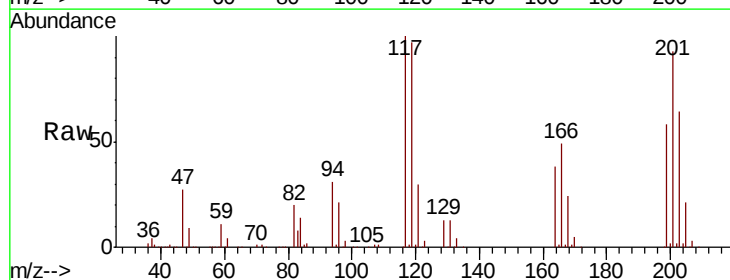
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.139 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.2
201	93.5	74.5	111.7

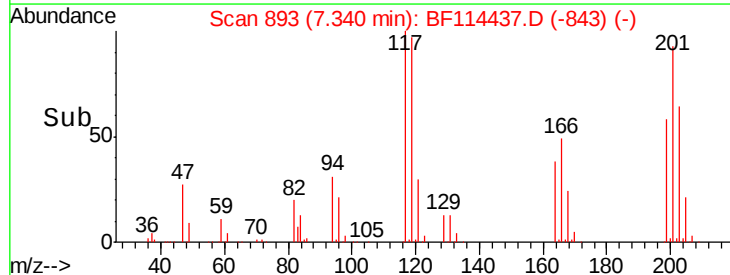
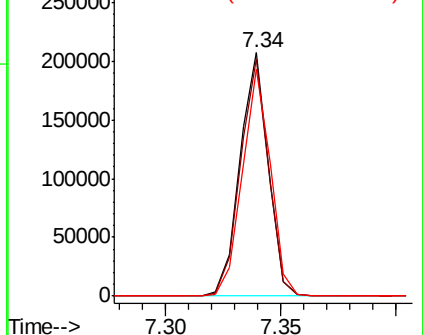


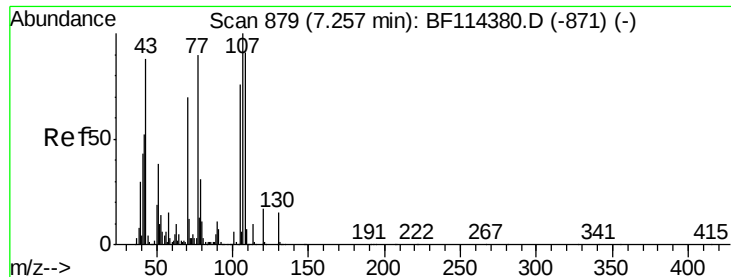
Abundance

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

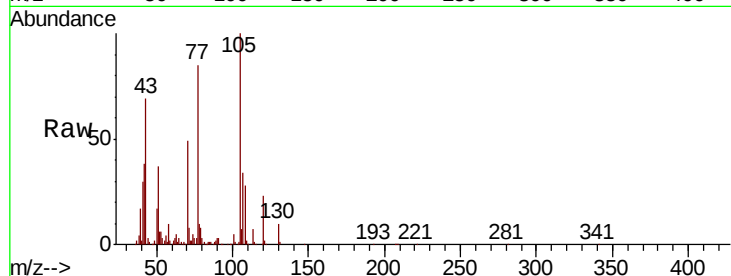




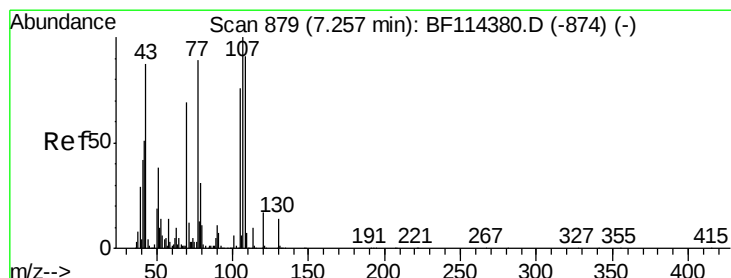
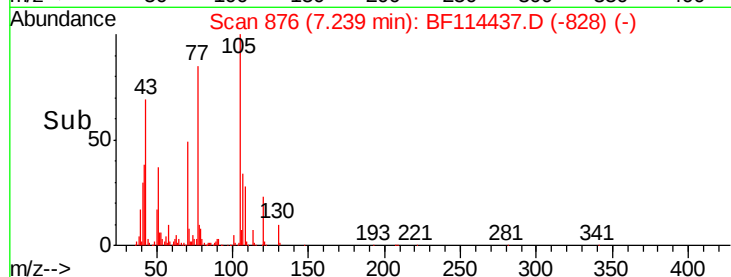
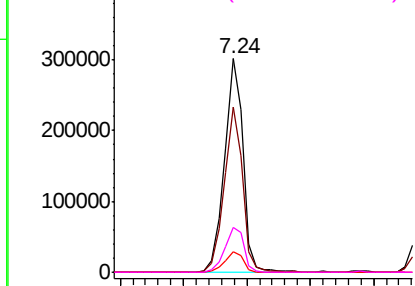
#19
n-Nitroso-di-n-propylamine
Concen: 34.616 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 305543
Ion Ratio Lower Upper
70 100
42 77.2 58.6 87.8
101 9.4 7.8 11.8
130 20.9 17.1 25.7



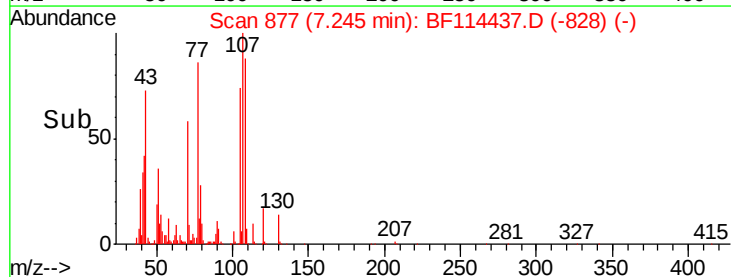
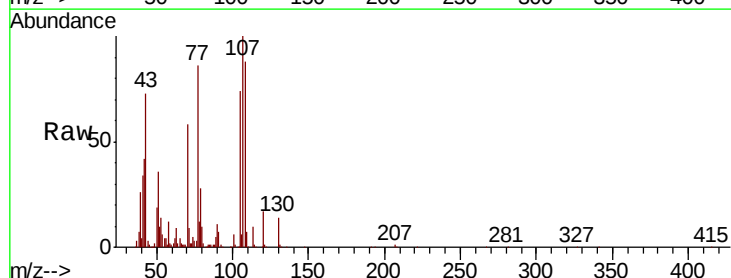
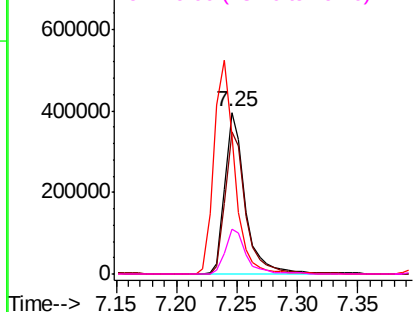
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

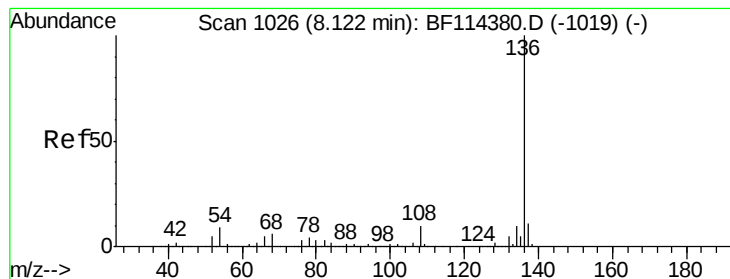


#20
3+4-Methylphenols
Concen: 38.203 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion: 107 Resp: 455744
Ion Ratio Lower Upper
107 100
108 88.2 73.8 113.8
77 85.8 111.5 151.5#
79 27.9 12.0 52.0

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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 705912

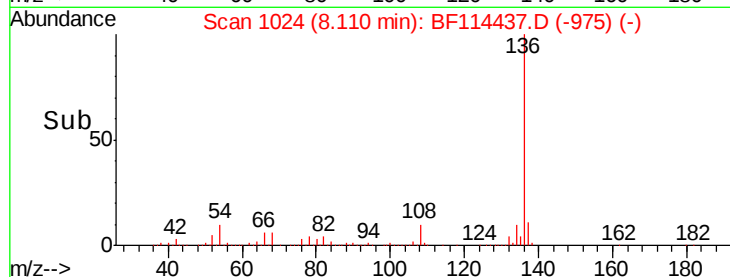
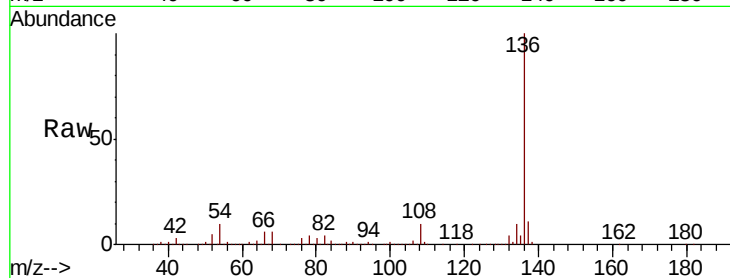
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.1 7.8 11.8

68 6.4 5.1 7.7

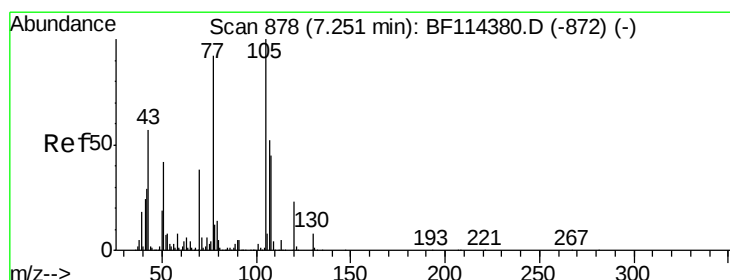
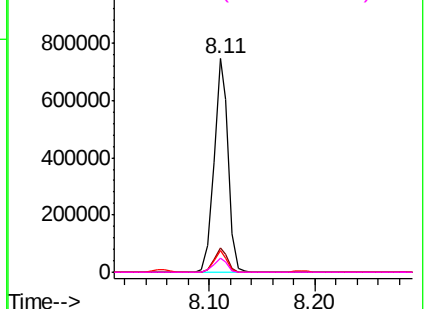


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.239 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Tgt Ion:105 Resp: 613623

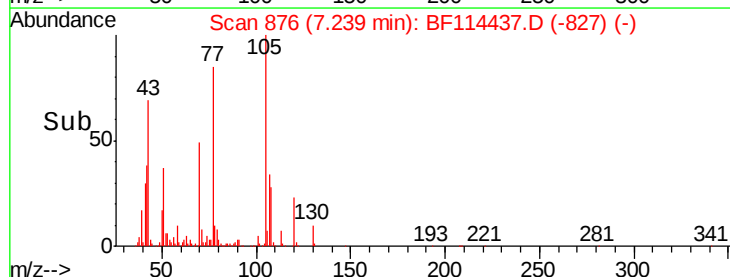
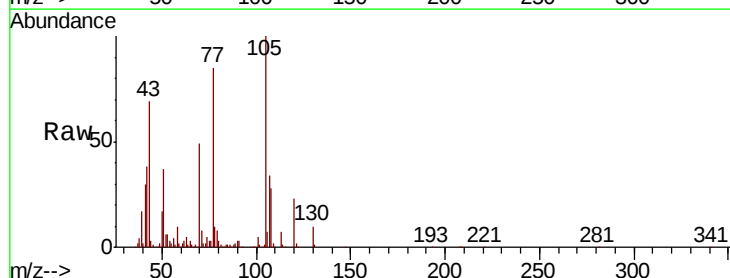
Ion Ratio Lower Upper

105 100

71 8.2 5.3 7.9#

51 36.8 36.2 54.4

120 22.8 18.6 28.0

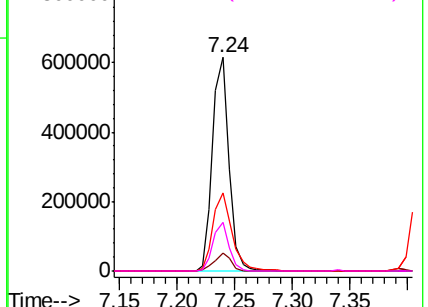


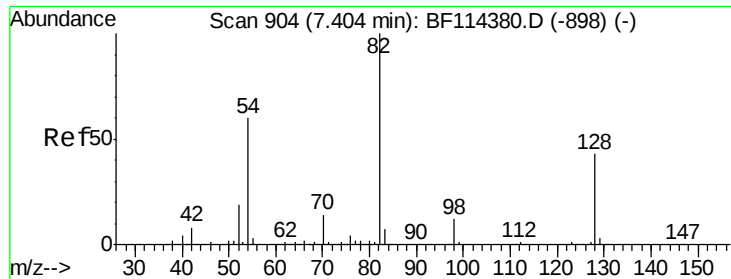
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

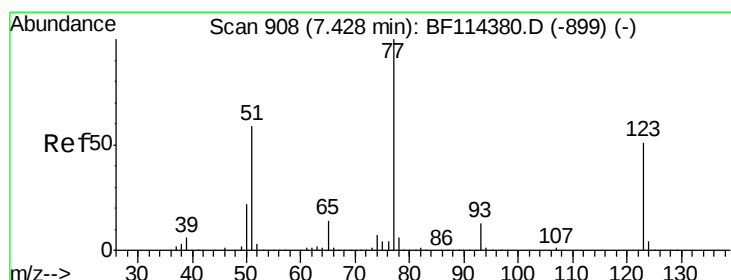
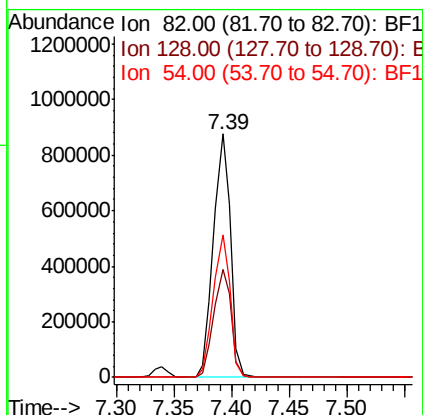
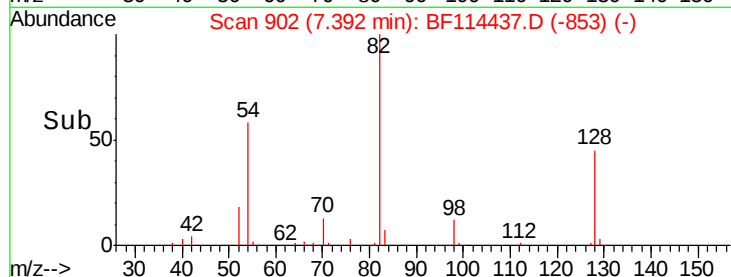
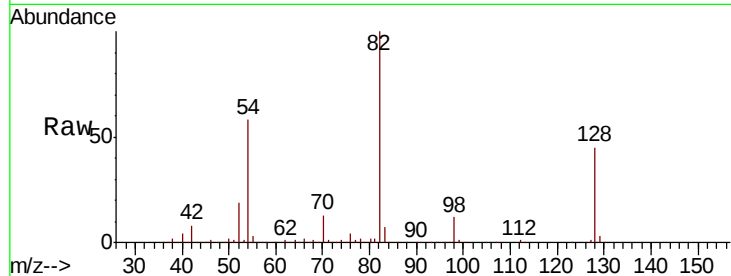




#23
 Nitrobenzene-d5
 Concen: 72.016 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

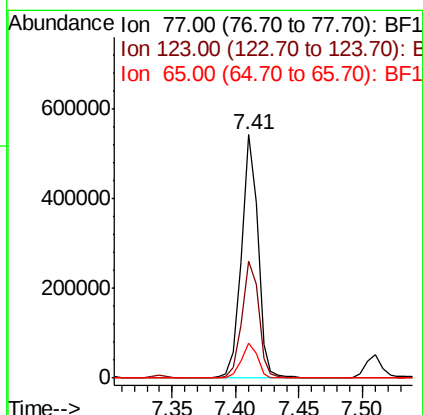
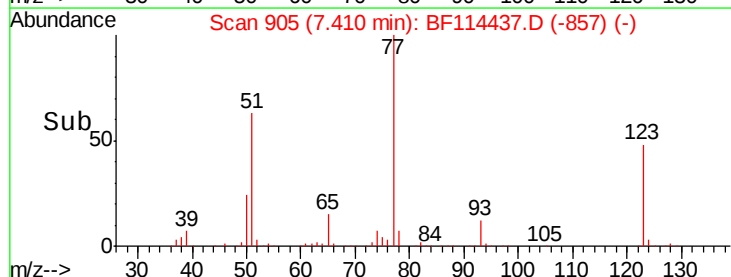
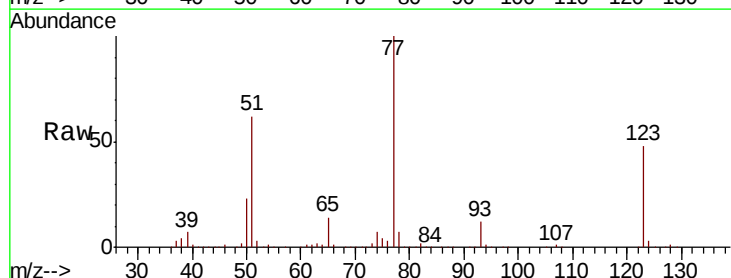
Instrument :
 BNA_F
 ClientSampled :

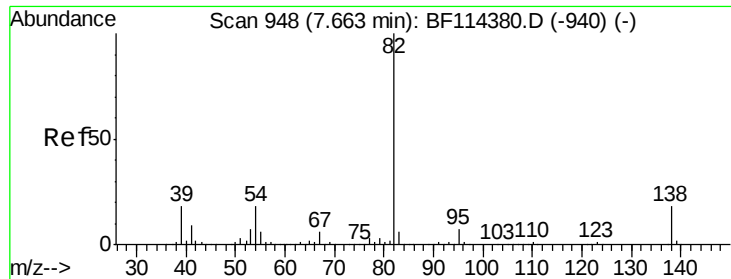
Tot Ion: 82 Resp: 905863
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.5 53.3
 54 58.3 48.5 72.7



#24
 Nitrobenzene
 Concen: 37.656 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Tgt Ion: 77 Resp: 482421
 Ion Ratio Lower Upper
 77 100
 123 47.8 36.9 55.3
 65 14.4 11.8 17.6

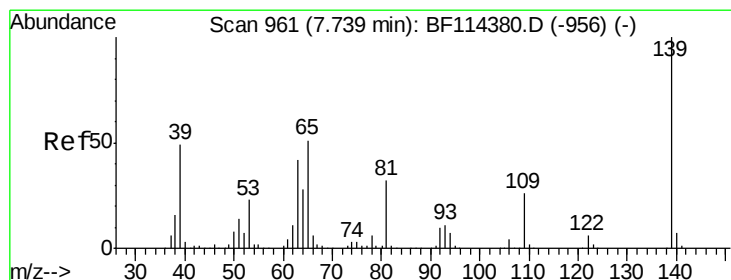
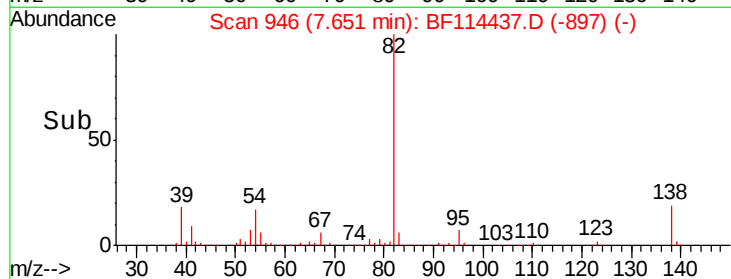
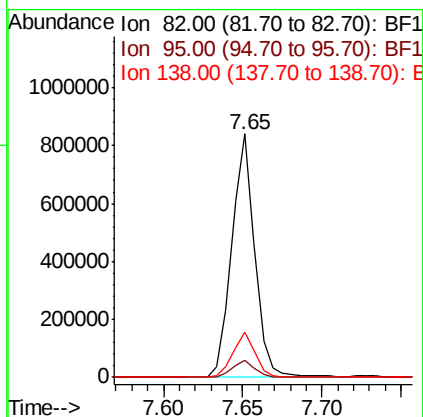
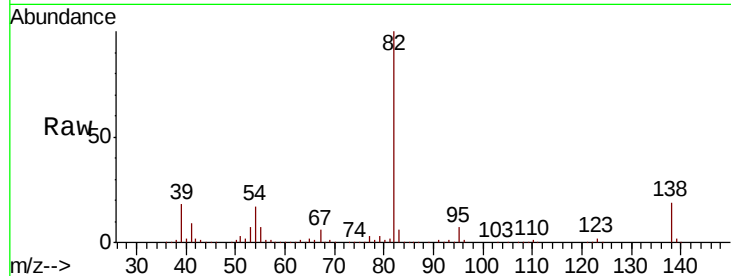




#25
Isophorone
Concen: 36.289 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

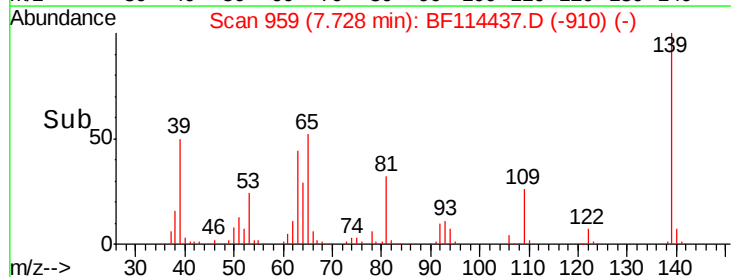
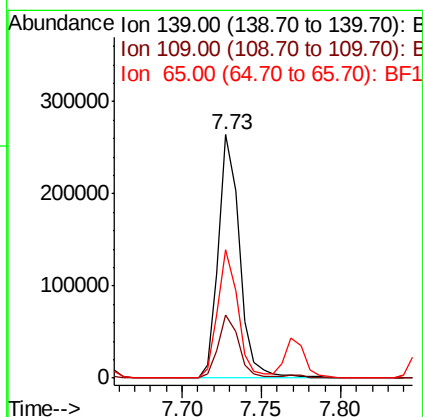
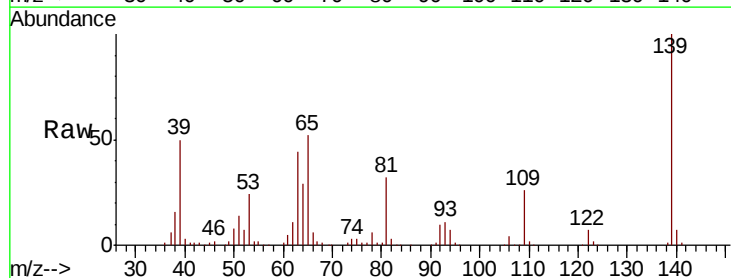
Instrument :
BNA_F
ClientSampleId :

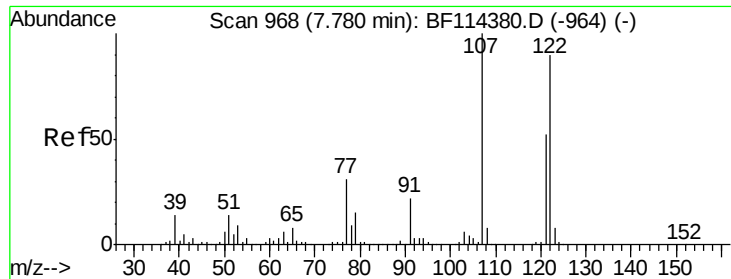
Tot Ion: 82 Resp: 846562
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 18.7 14.8 22.2



#26
2-Nitrophenol
Concen: 39.708 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion: 139 Resp: 246807
Ion Ratio Lower Upper
139 100
109 25.8 20.7 31.1
65 52.5 40.2 60.2

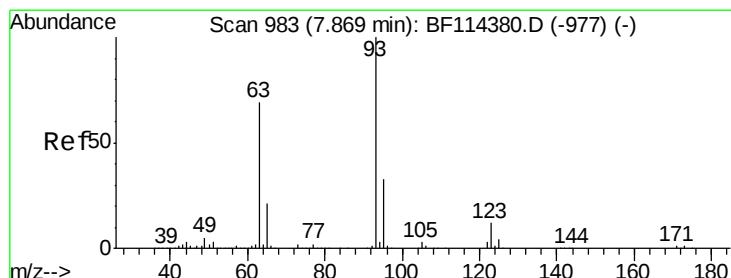
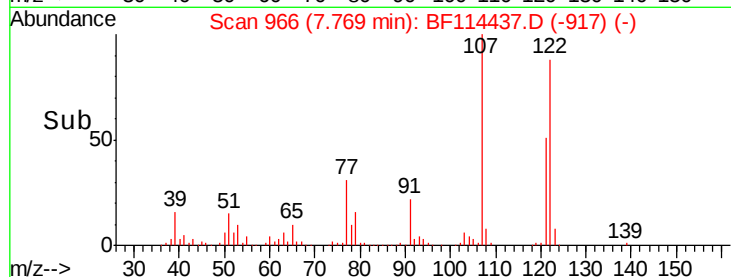
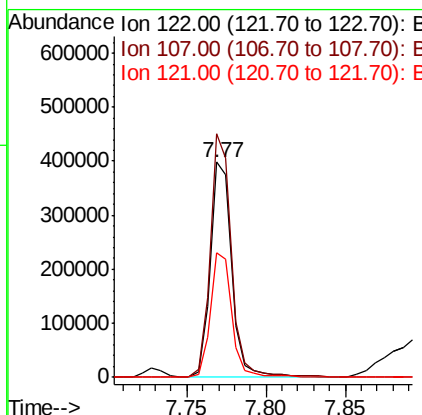
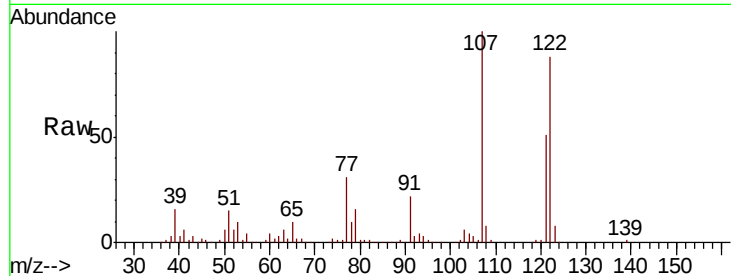




#27
 2,4-Dimethylphenol
 Concen: 38.630 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

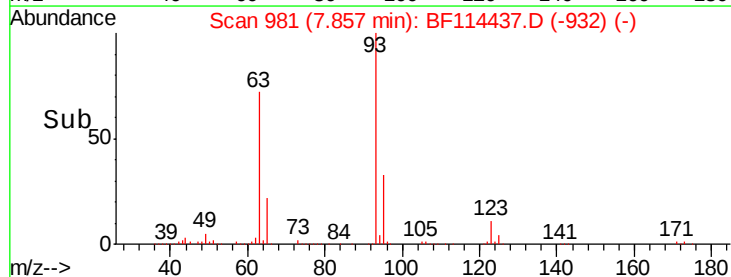
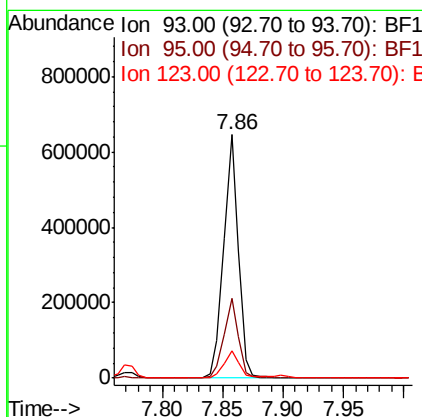
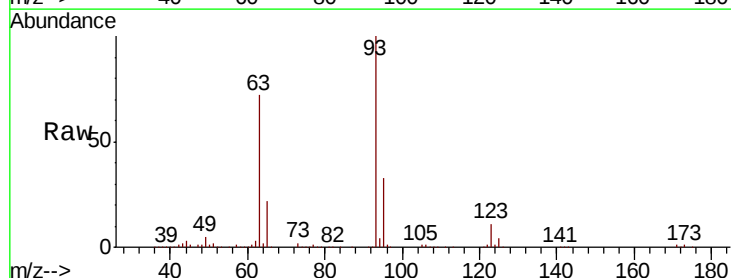
Instrument :
 BNA_F
 ClientSampled :

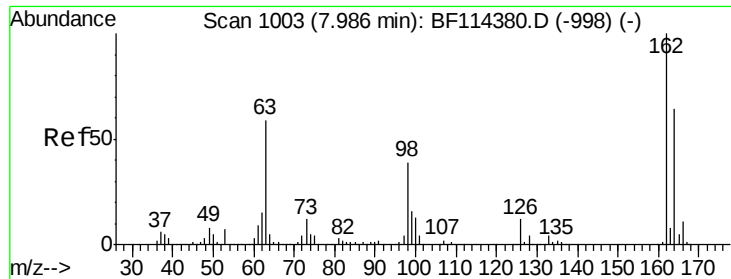
Tot Ion:122 Resp: 377113
 Ion Ratio Lower Upper
 122 100
 107 113.2 88.4 132.6
 121 58.0 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.980 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Tgt Ion: 93 Resp: 544608
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.8 40.2
 123 11.2 9.5 14.3

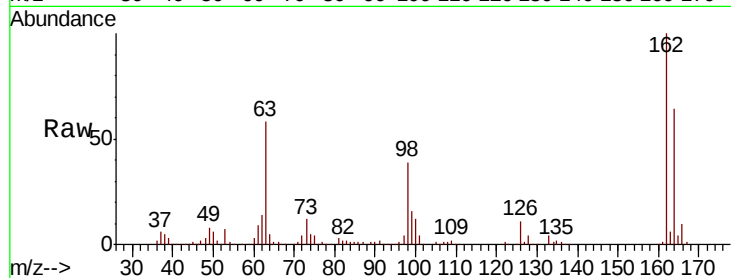




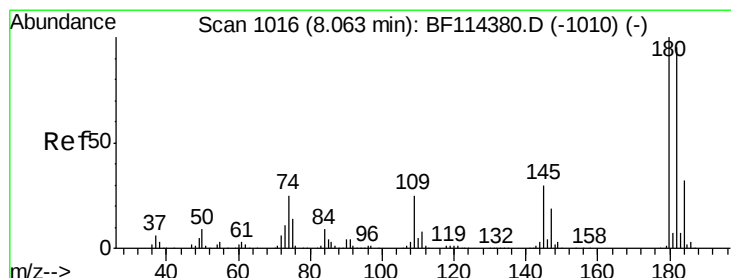
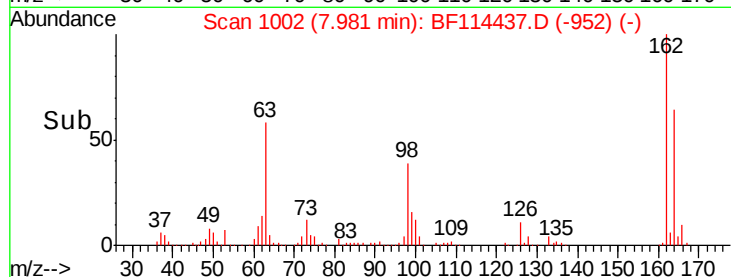
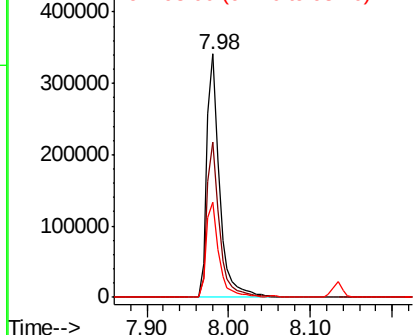
#29
 2,4-Dichlorophenol
 Concen: 37.899 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.6	83.6
98	38.9	20.6	60.6

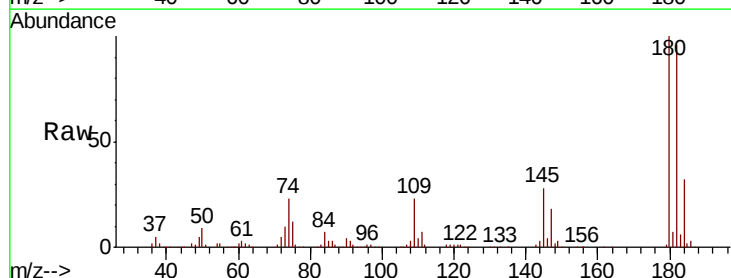


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

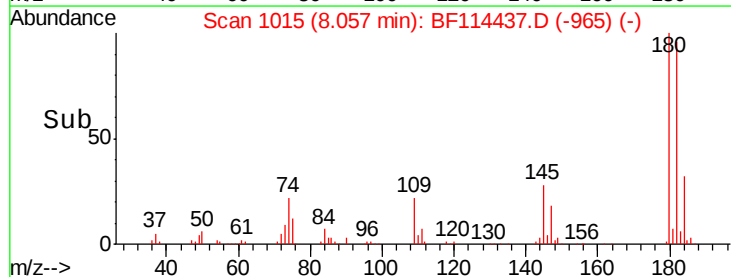
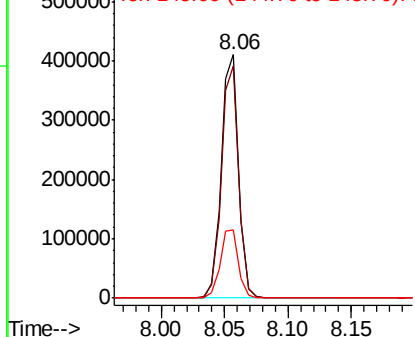


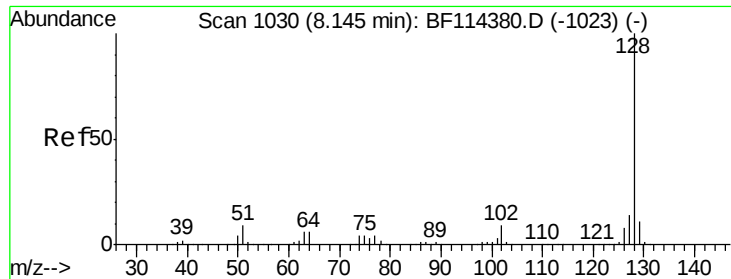
#30
 1,2,4-Trichlorobenzene
 Concen: 35.511 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.6	114.8
145	28.3	25.1	37.7



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

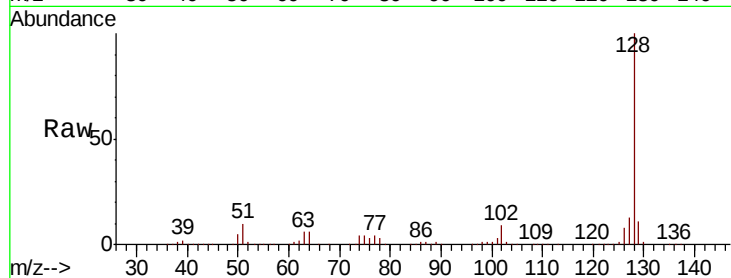




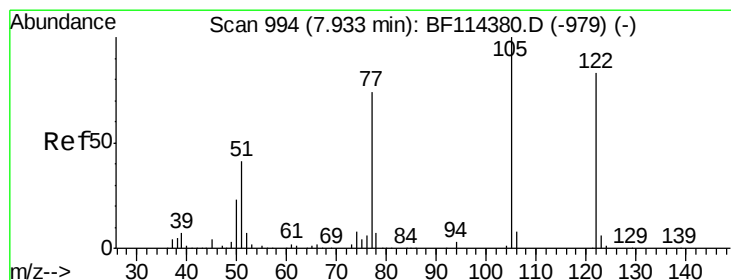
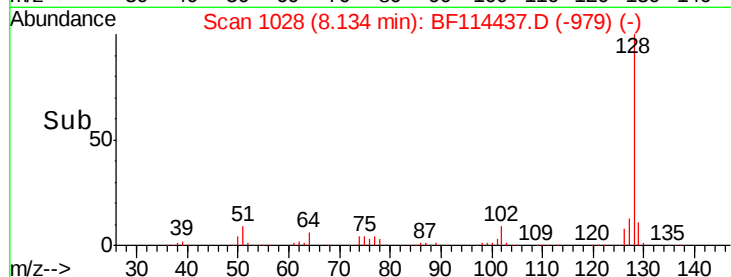
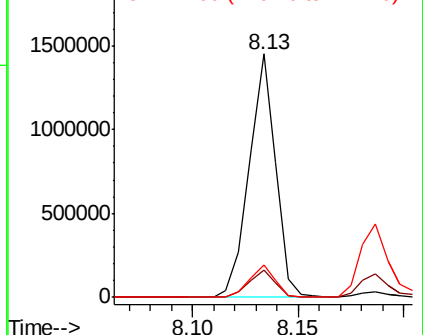
#31
Naphthalene
Concen: 38.379 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1265531
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 13.4 11.3 16.9

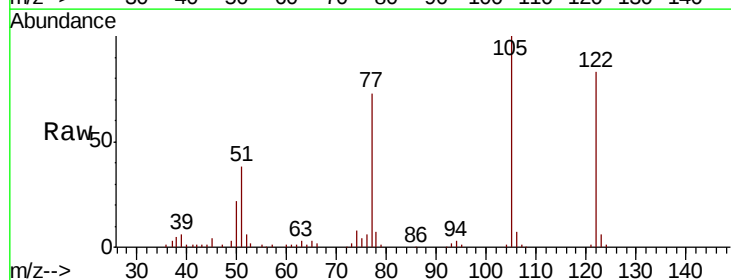


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

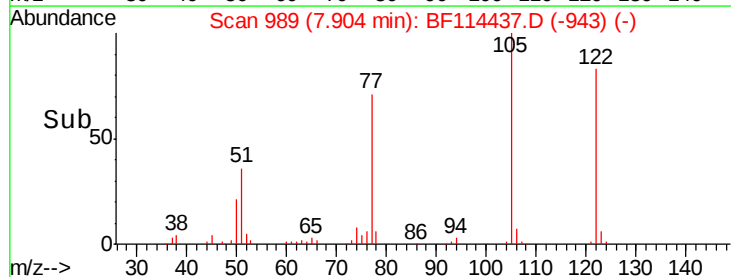
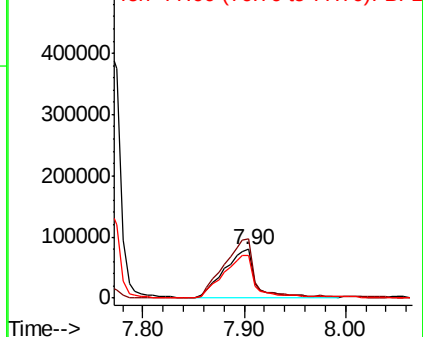


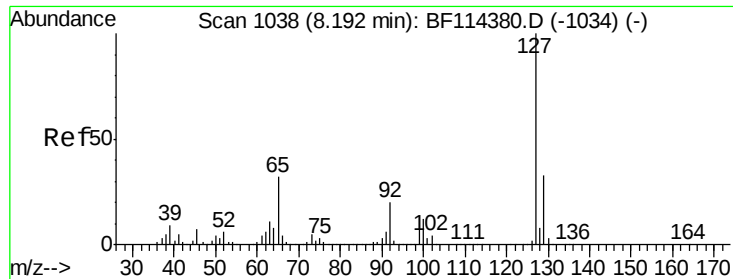
#32
Benzoic acid
Concen: 27.625 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.03 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:122 Resp: 167990
Ion Ratio Lower Upper
122 100
105 120.0 99.9 139.9
77 87.1 69.4 109.4



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

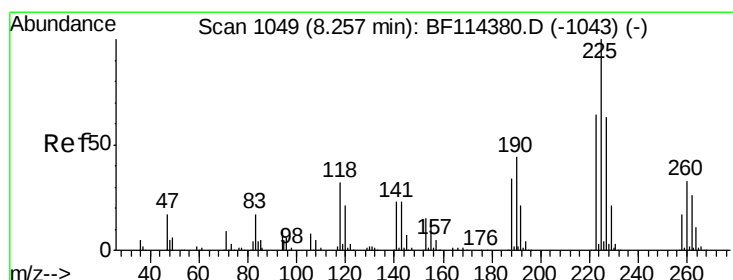
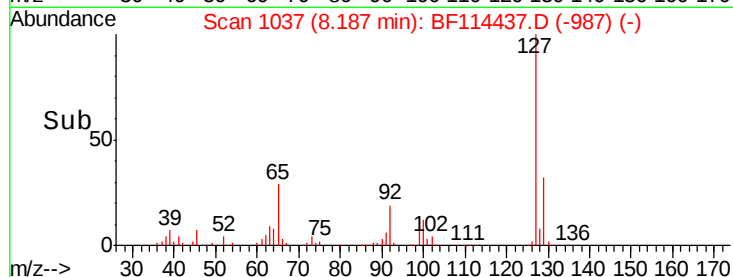
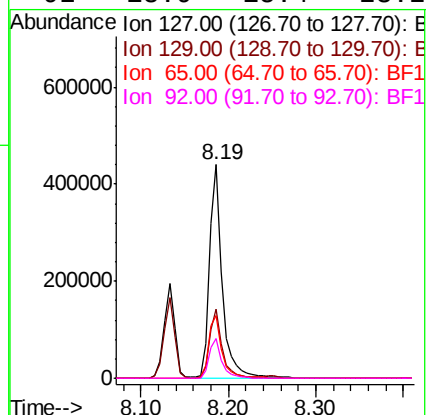
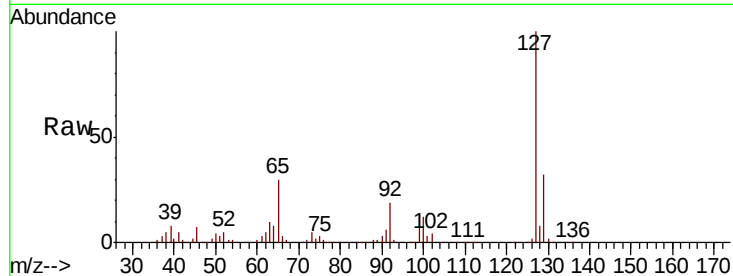




#33
4-Chloroaniline
Concen: 29.711 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

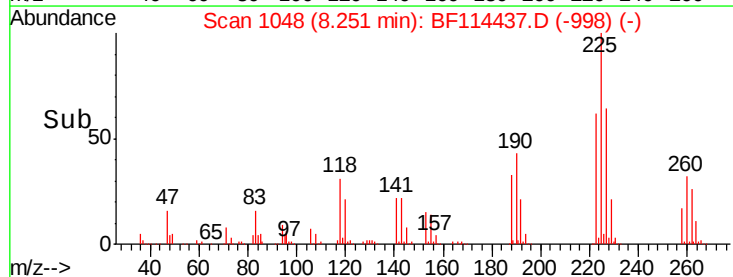
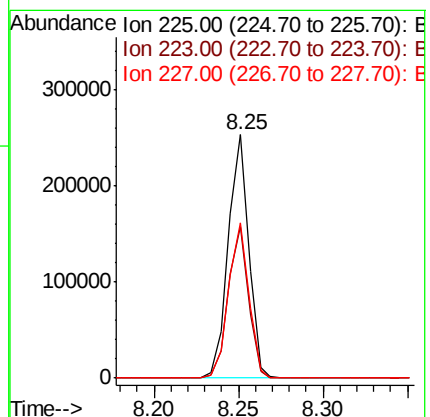
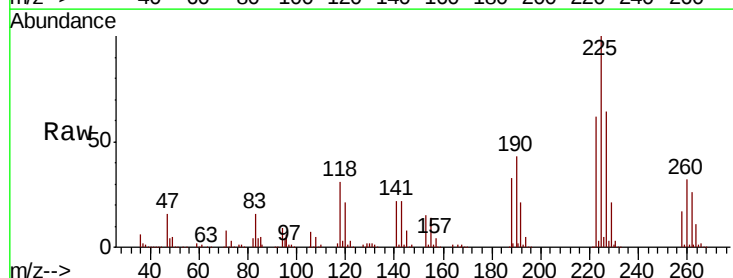
Instrument :
BNA_F
ClientSampleId :

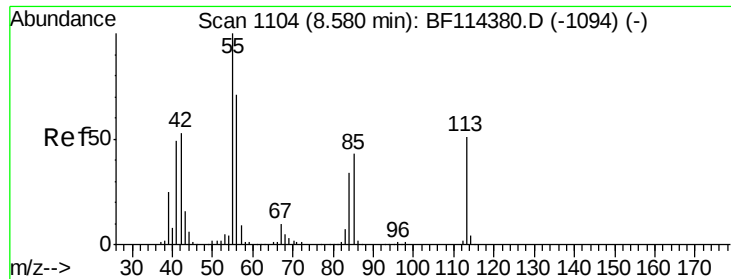
Tot Ion:	127	Resp:	446449
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.7	40.1
65	29.6	25.4	38.0
92	18.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 33.967 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:	225	Resp:	213632
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	64.0	52.6	79.0

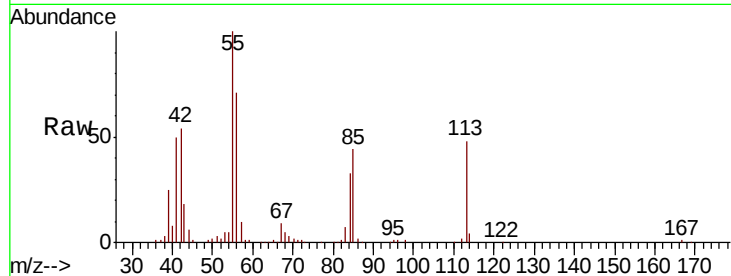




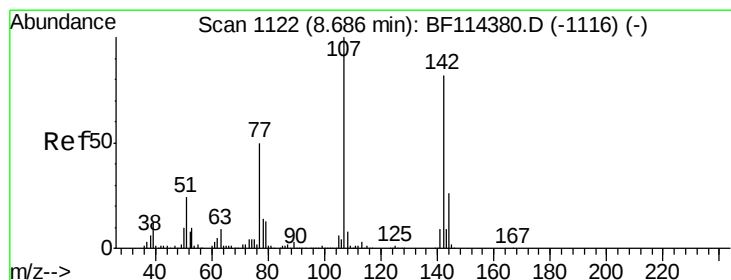
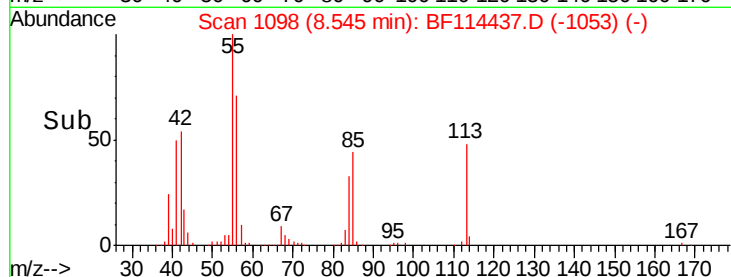
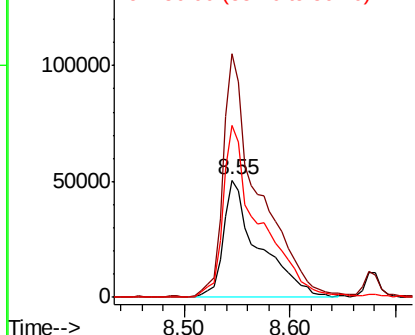
#35
 Caprolactam
 Concen: 37.227 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.04 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 117998
 Ion Ratio Lower Upper
 113 100
 55 207.8 183.5 223.5
 56 147.1 128.8 168.8

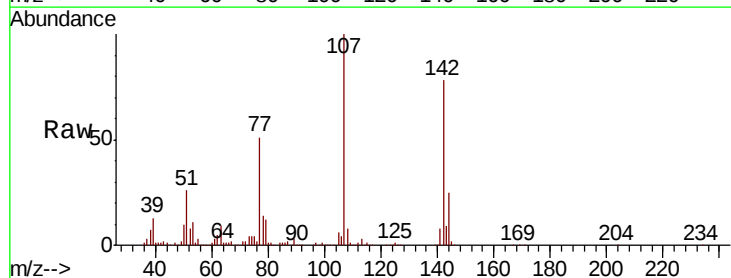


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

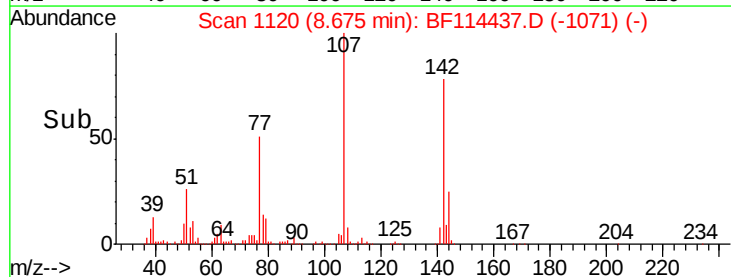
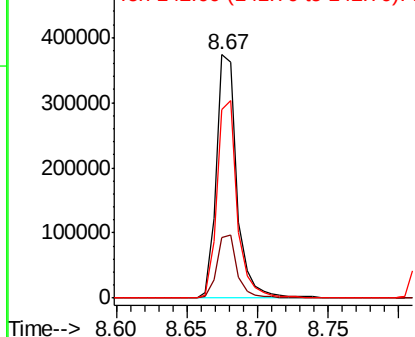


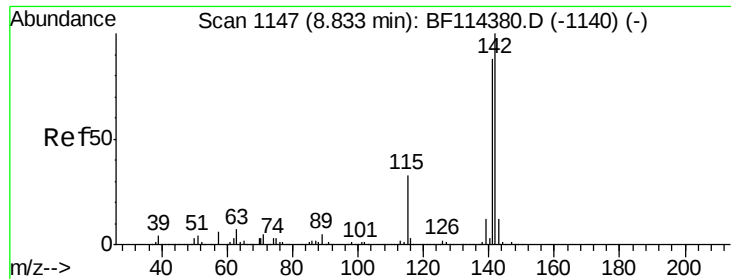
#36
 4-Chloro-3-methylphenol
 Concen: 38.868 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Tgt Ion:107 Resp: 380317
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.4 30.6
 142 77.5 64.2 96.4



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

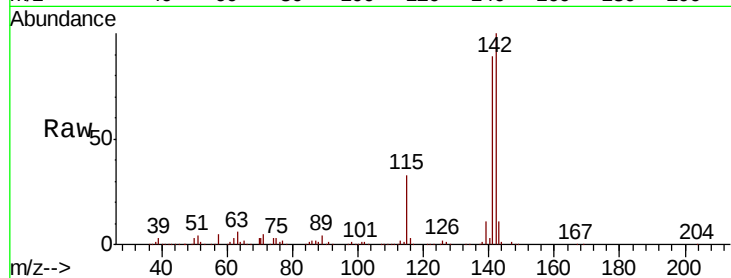




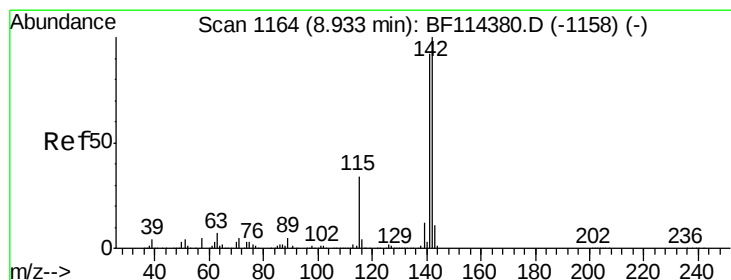
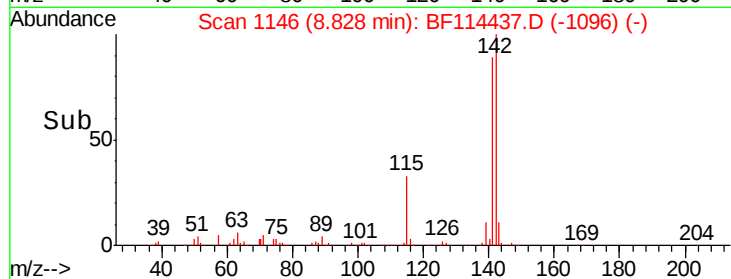
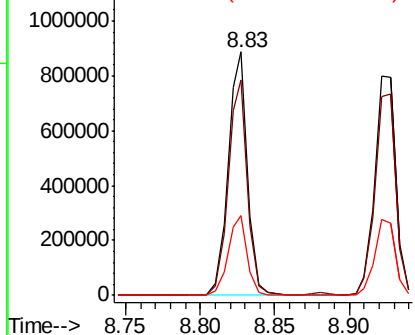
#37
2-Methylnaphthalene
Concen: 38.176 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 812189
Ion Ratio Lower Upper
142 100
141 88.5 72.1 108.1
115 32.7 28.0 42.0

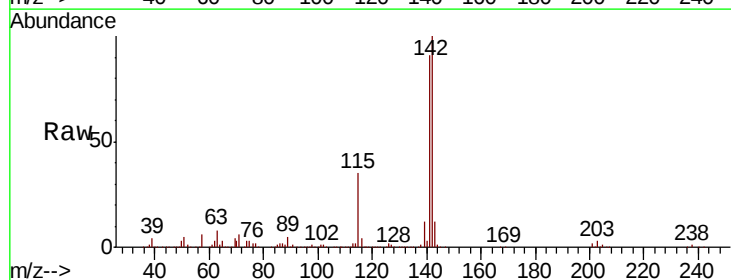


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

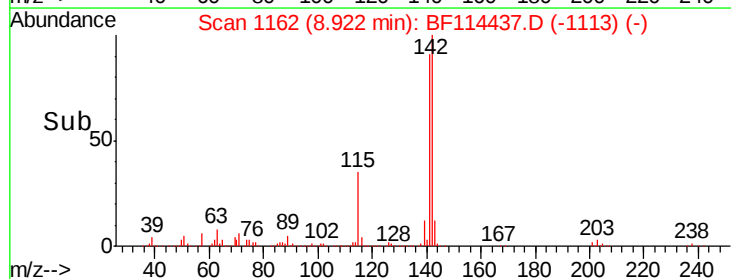
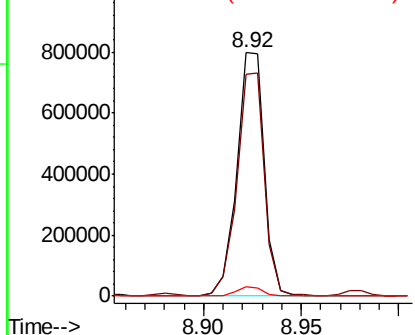


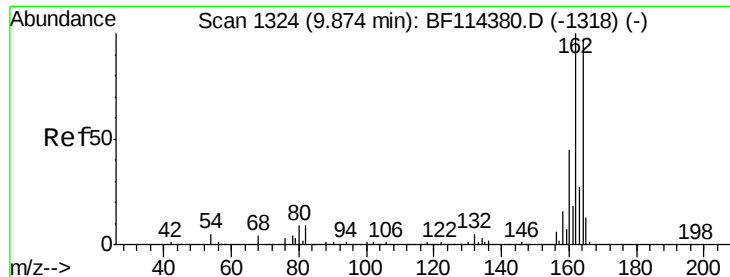
#38
1-Methylnaphthalene
Concen: 38.539 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:142 Resp: 772127
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.0
116 3.6 3.1 4.7



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

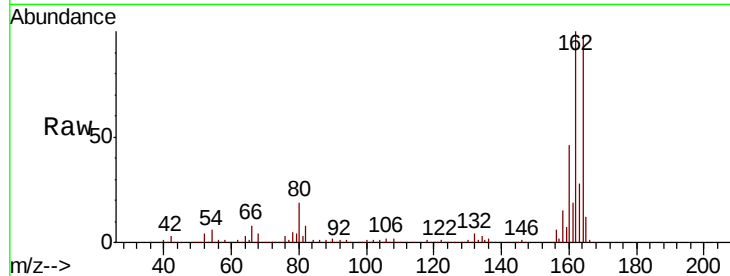




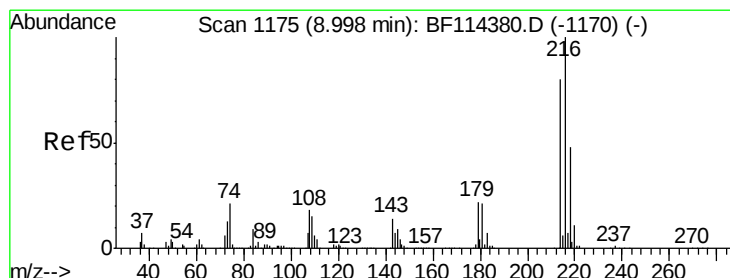
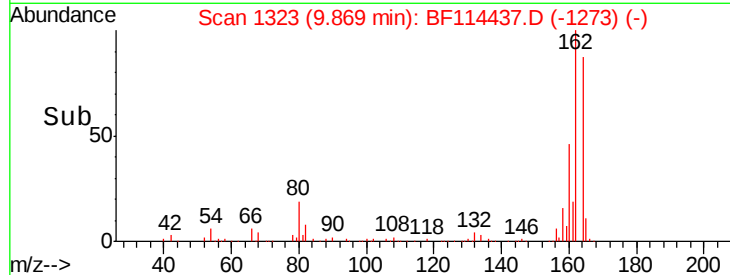
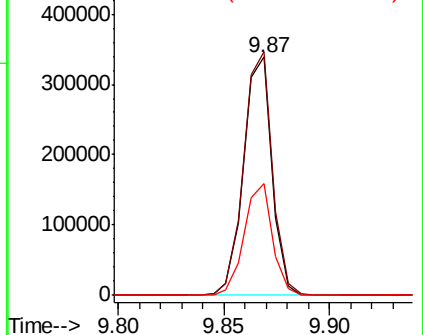
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	46.9	36.5	54.7



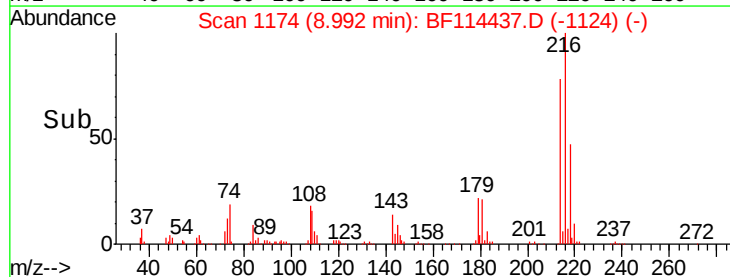
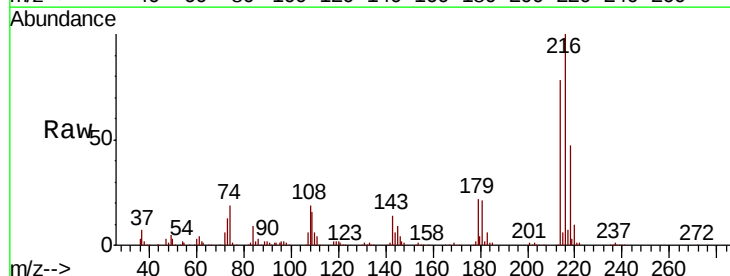
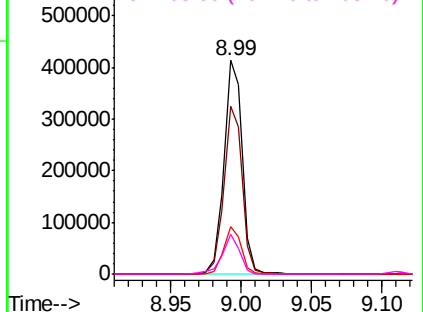
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

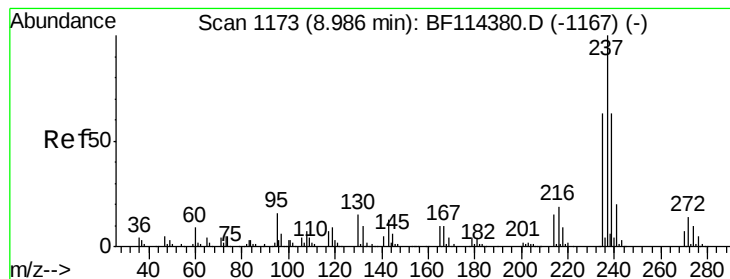


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.810 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.9	95.9
179	21.1	17.0	25.6
108	18.3	14.8	22.2

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: 29.152 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

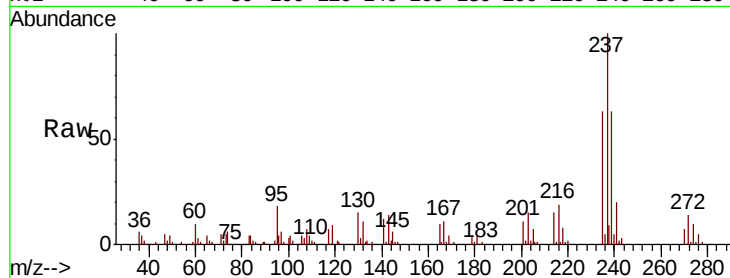
Tot Ion:237 Resp: 116859

Ion Ratio Lower Upper

237 100

235 63.1 42.0 82.0

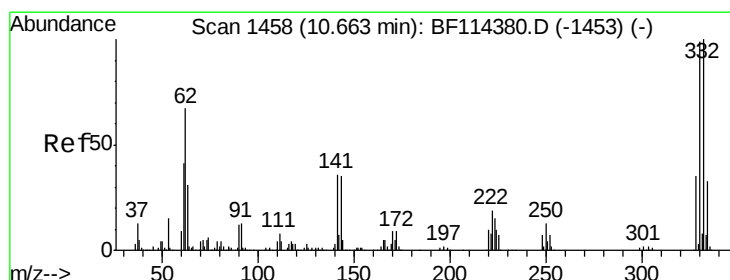
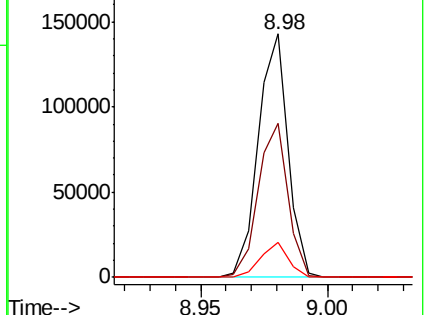
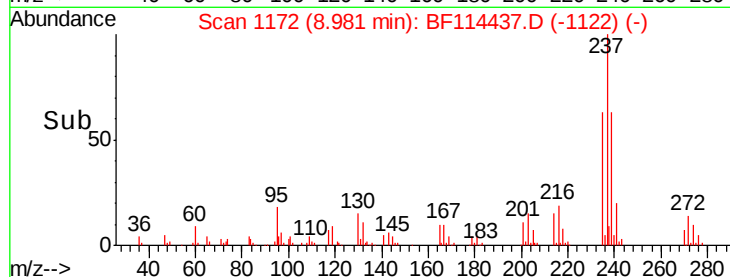
272 14.2 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 91.966 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

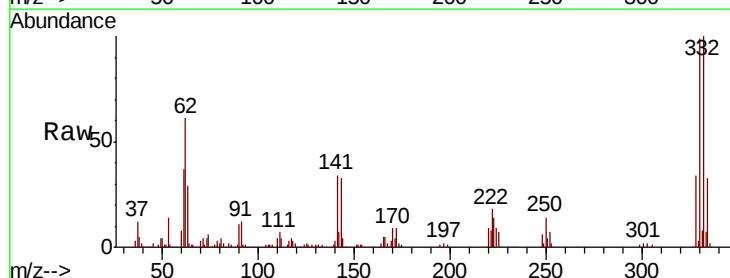
Tgt Ion:330 Resp: 299955

Ion Ratio Lower Upper

330 100

332 102.1 81.4 122.2

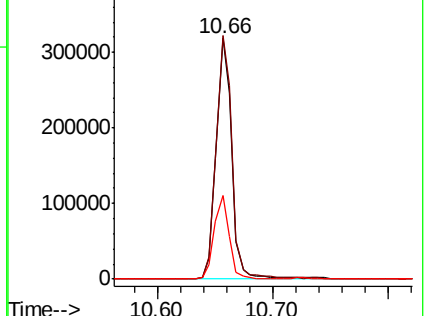
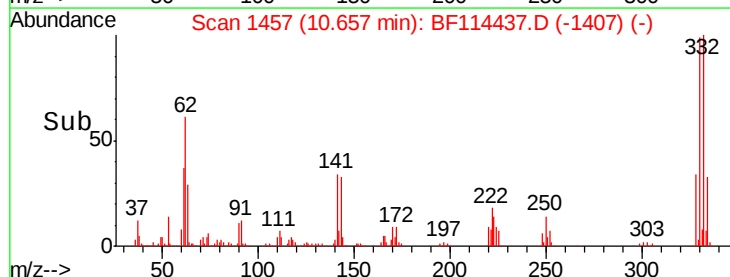
141 33.2 26.6 40.0

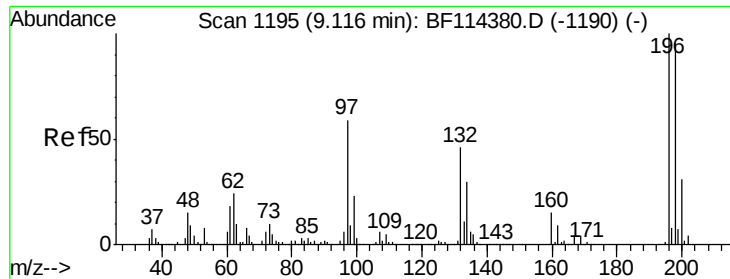


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

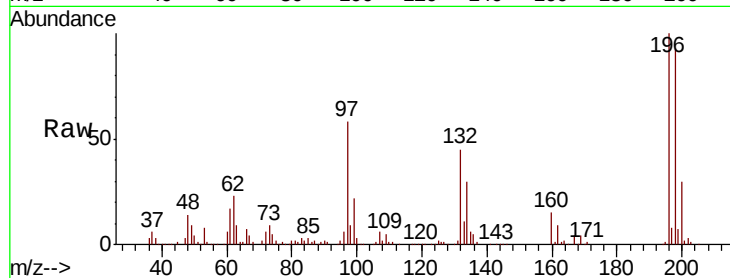




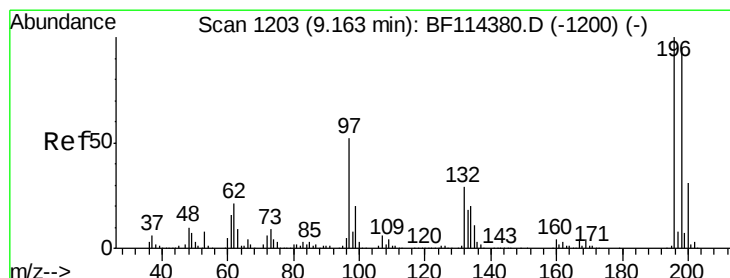
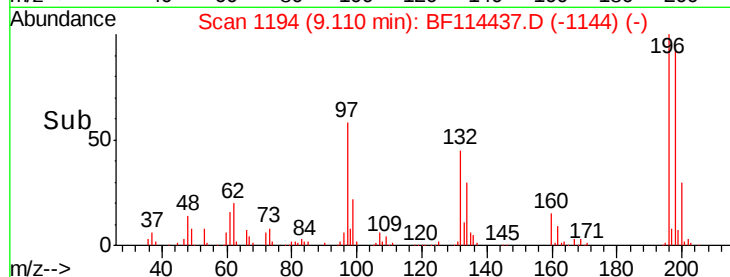
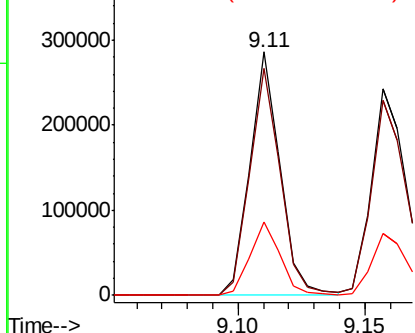
#43
 2,4,6-Trichlorophenol
 Concen: 36.085 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 237204
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.9 113.9
 200 30.3 23.5 35.3

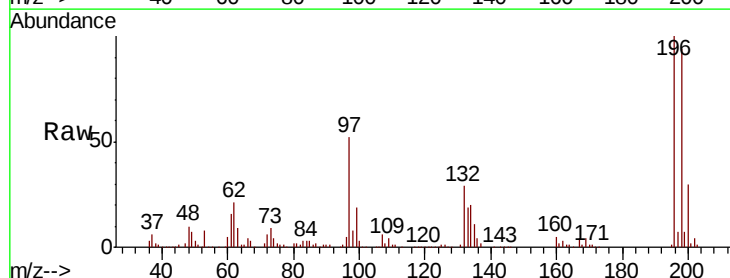


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

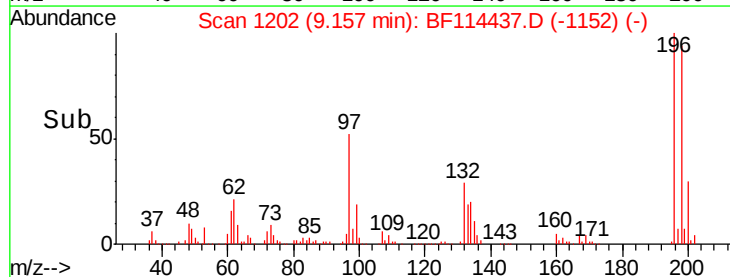
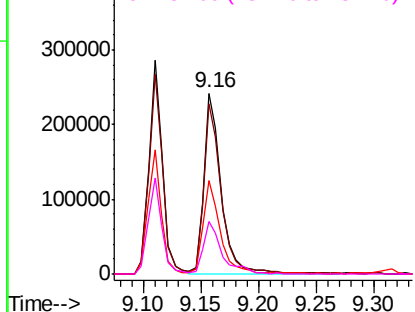


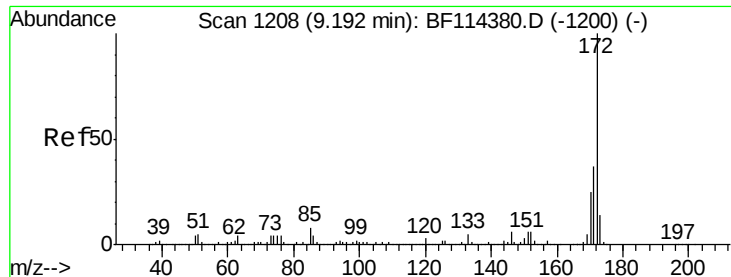
#44
 2,4,5-Trichlorophenol
 Concen: 37.366 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Tgt Ion:196 Resp: 251897
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.7 116.5
 97 52.0 38.2 57.2
 132 29.3 21.4 32.2



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

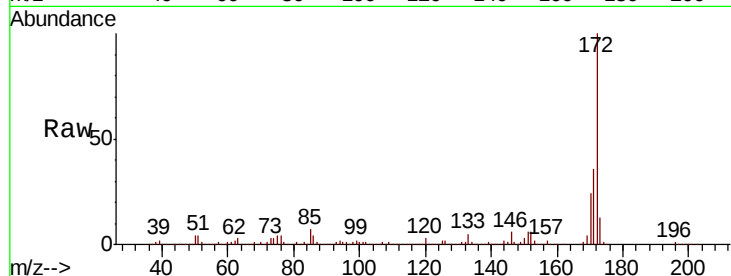




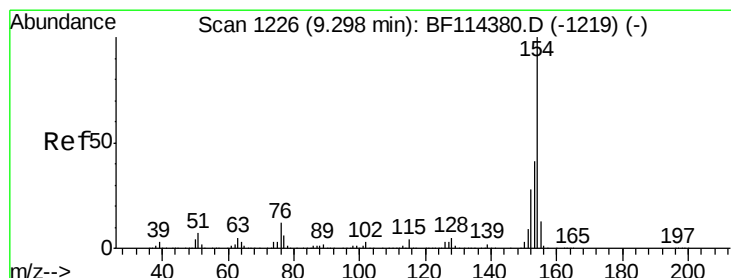
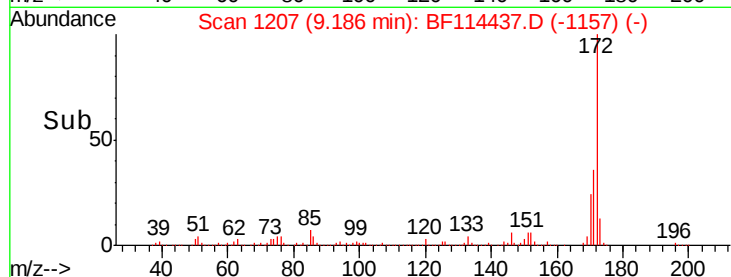
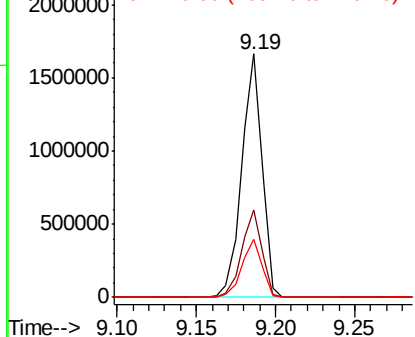
#45
2-Fluorobiphenyl
Concen: 70.277 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1465722
Ion Ratio Lower Upper
172 100
171 36.0 30.7 46.1
170 23.8 20.5 30.7

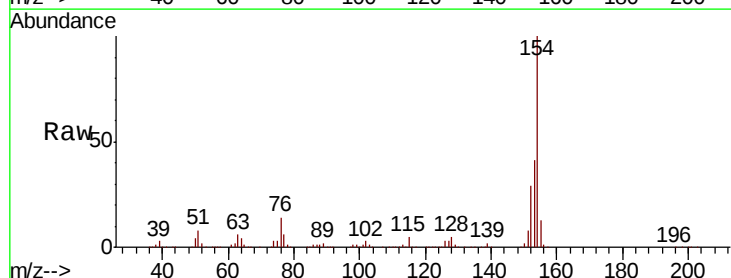


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

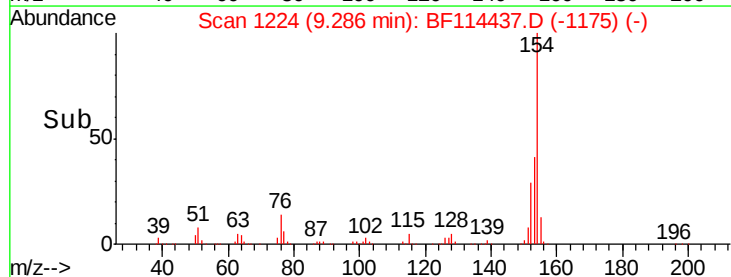
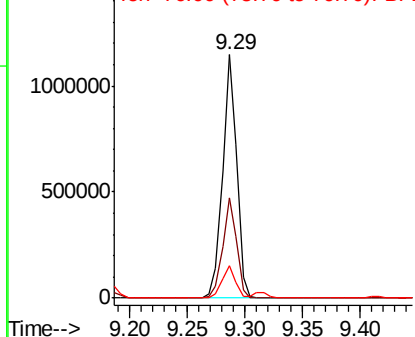


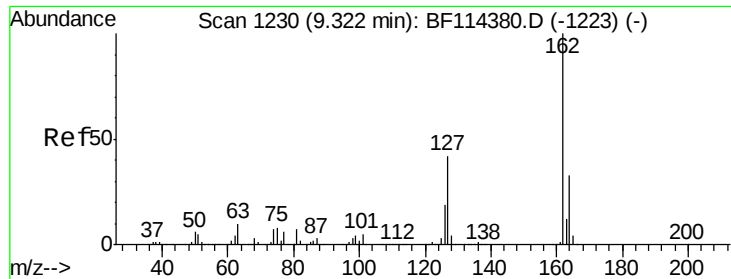
#46
1,1'-Biphenyl
Concen: 38.252 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:154 Resp: 974936
Ion Ratio Lower Upper
154 100
153 41.4 21.9 61.9
76 13.5 0.0 32.8



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

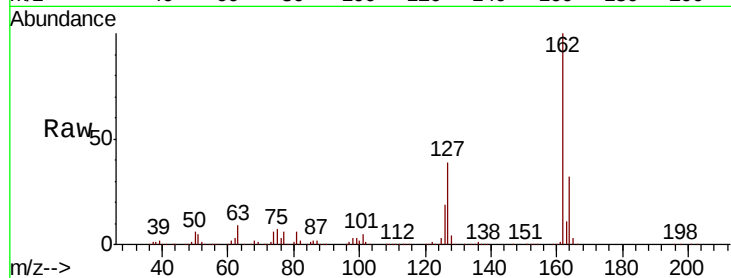




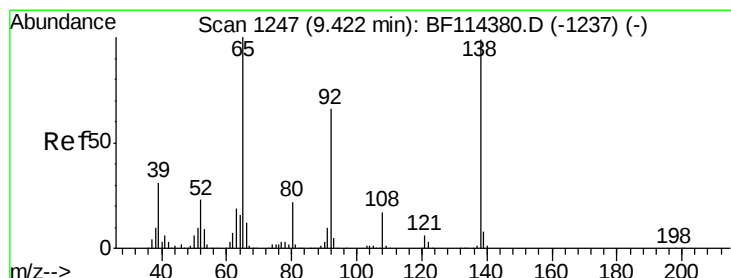
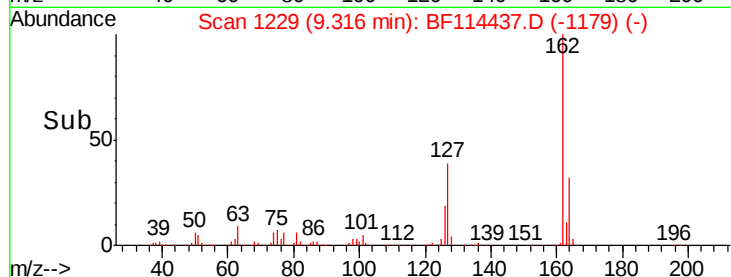
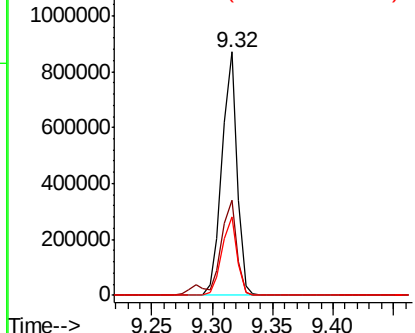
#47
 2-Chloronaphthalene
 Concen: 36.555 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	34.0	51.0
164	32.0	26.7	40.1

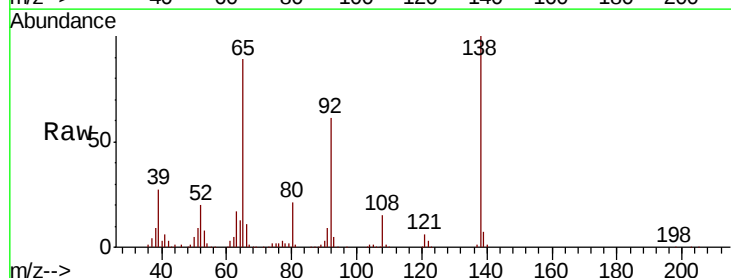


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

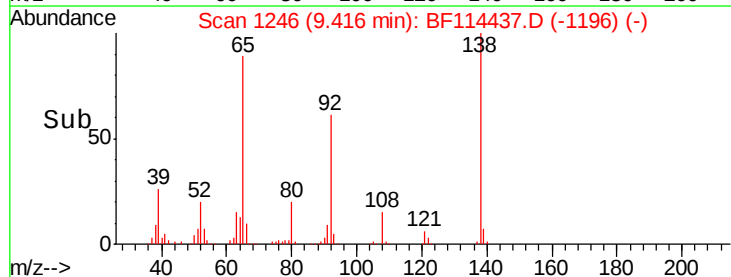
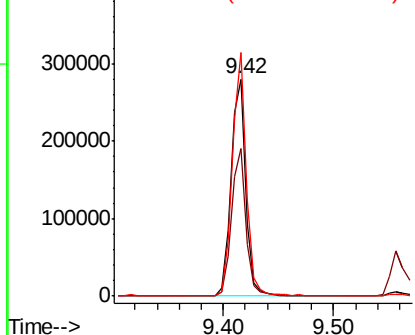


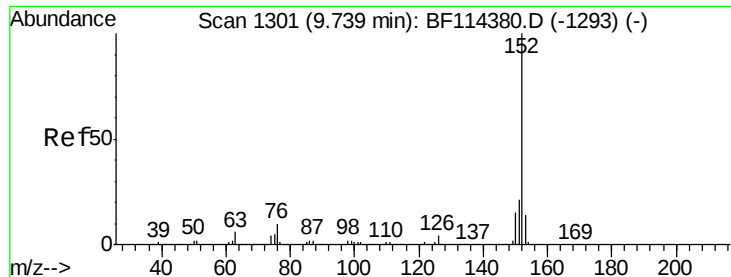
#48
 2-Nitroaniline
 Concen: 36.139 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.9	80.9
138	112.2	81.4	122.0



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: 37.636 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

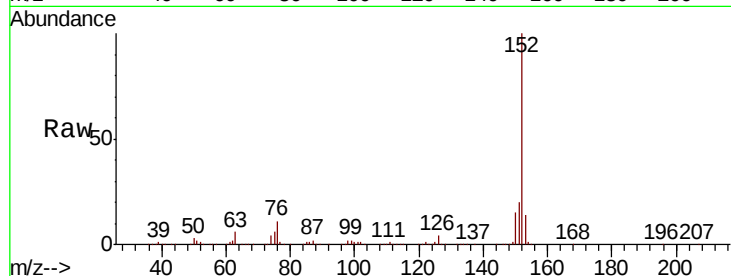
Tot Ion:152 Resp: 1174117

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

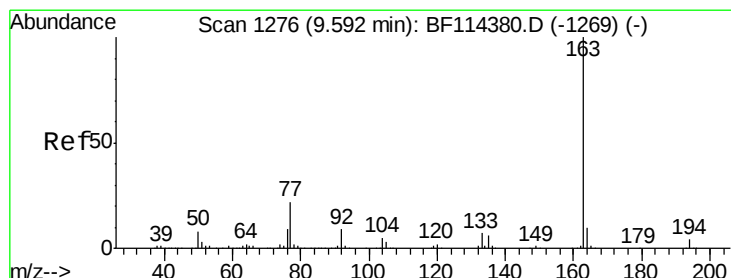
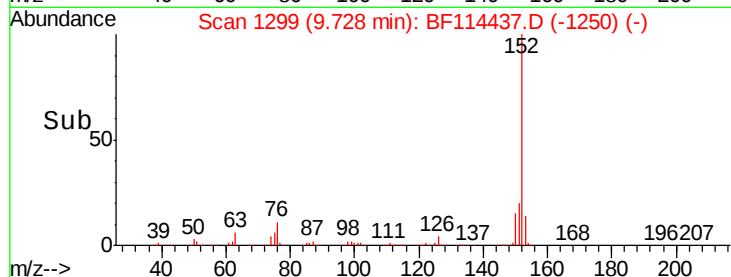
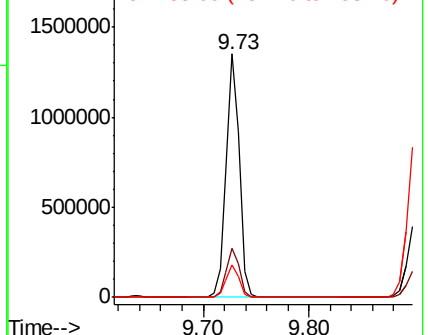
153 13.5 11.4 17.2



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: 46.187 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

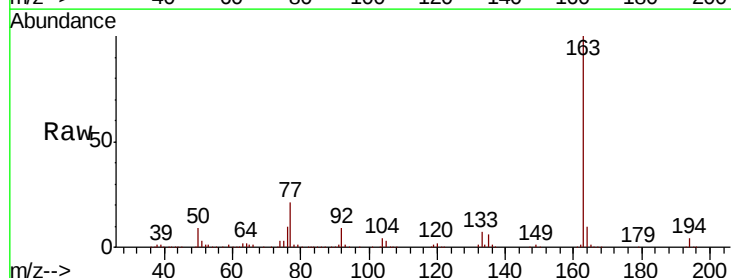
Tgt Ion:163 Resp: 1069661

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

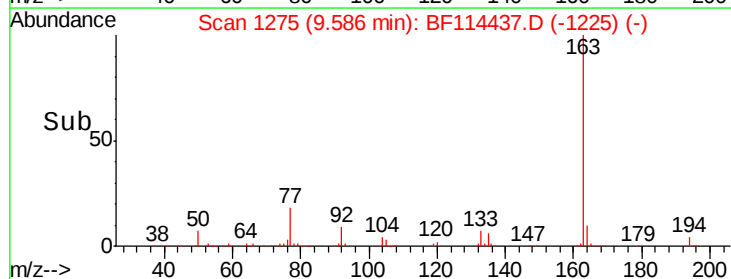
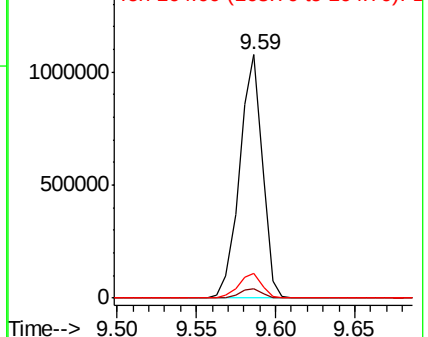
164 10.3 8.2 12.2

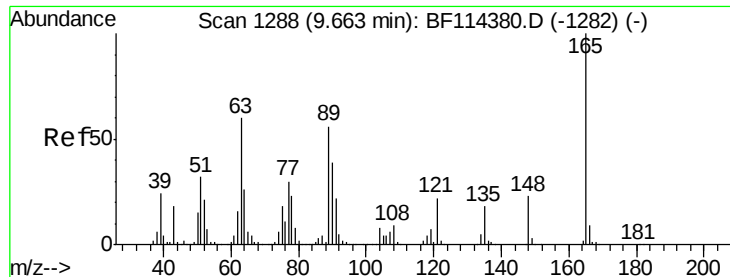


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.485 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

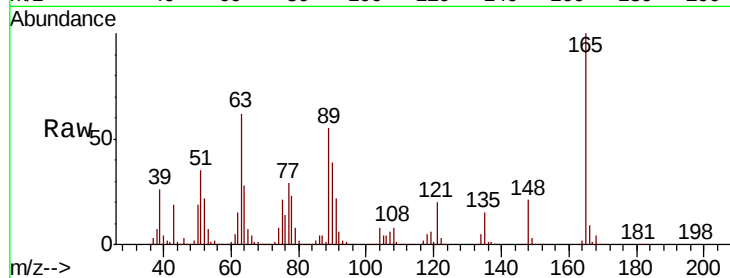
Tot Ion:165 Resp: 192554

Ion Ratio Lower Upper

165 100

63 61.9 50.2 75.4

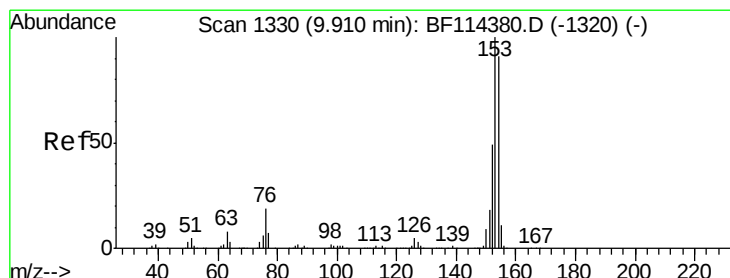
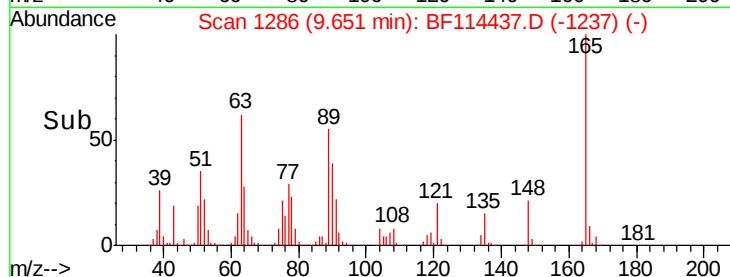
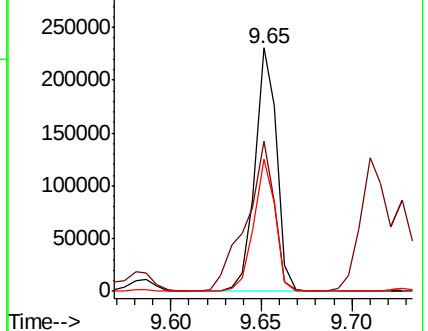
89 54.5 46.6 69.8



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: 35.060 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

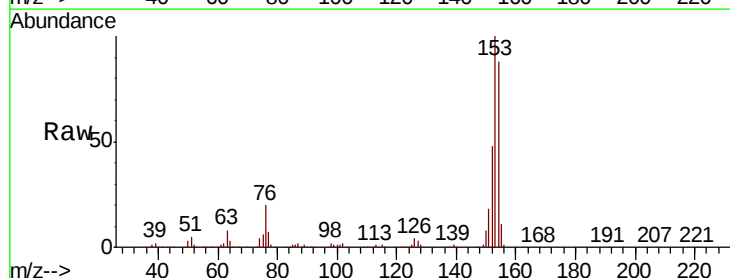
Tgt Ion:154 Resp: 671178

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

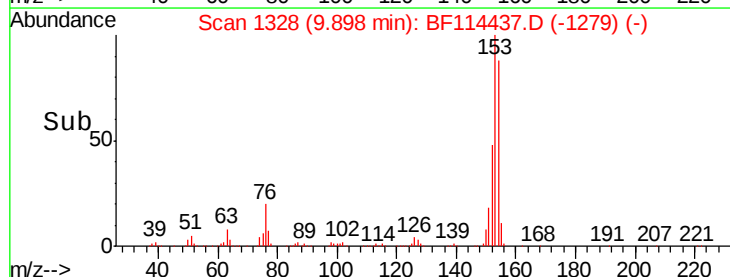
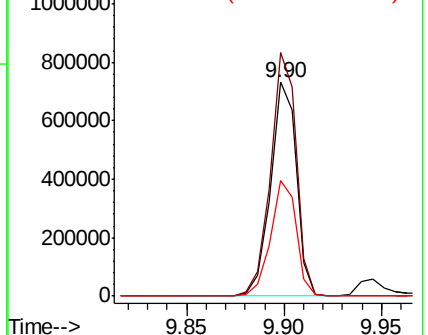
152 54.1 43.4 65.2

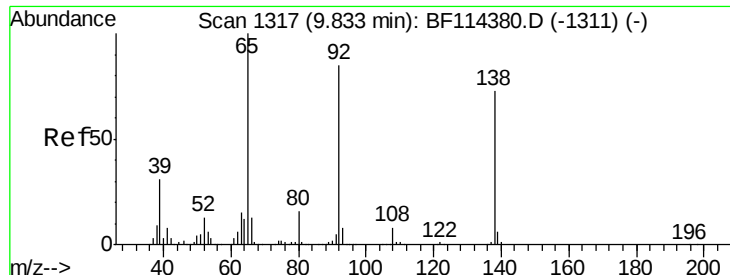


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

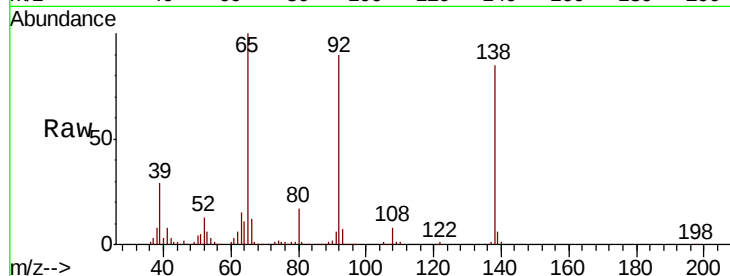




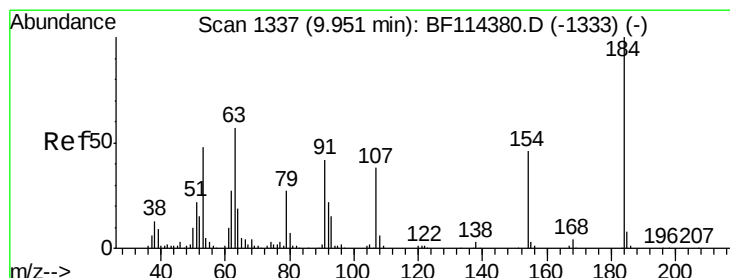
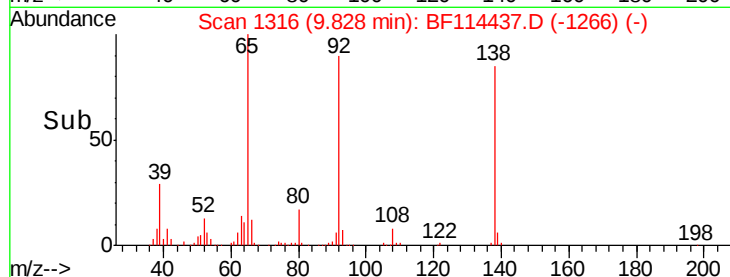
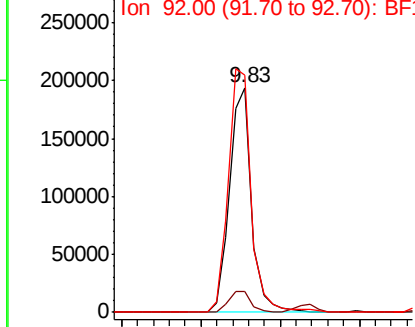
#53
3-Nitroaniline
Concen: 29.306 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 186871
Ion Ratio Lower Upper
138 100
108 9.4 7.8 11.6
92 105.6 91.2 136.8

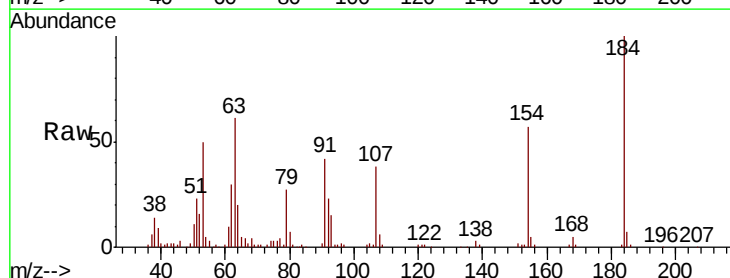


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

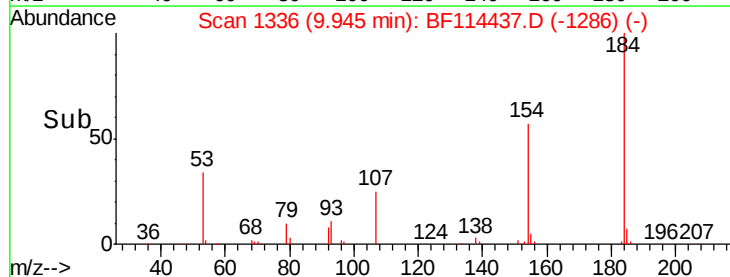
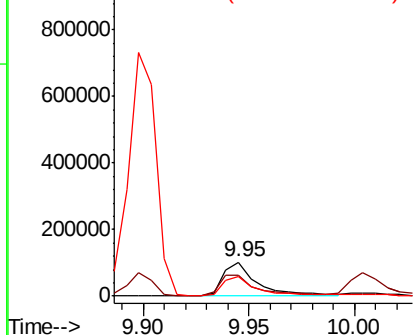


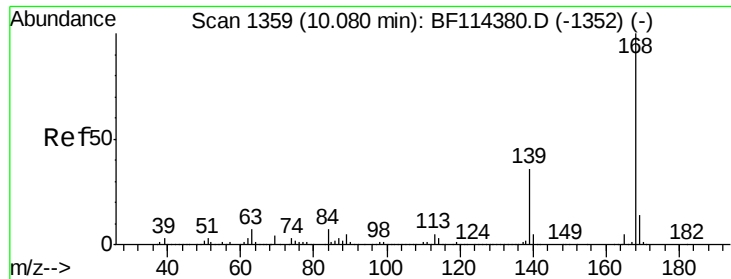
#54
2,4-Dinitrophenol
Concen: 48.360 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:184 Resp: 117386
Ion Ratio Lower Upper
184 100
63 60.6 55.6 83.4
154 57.1 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

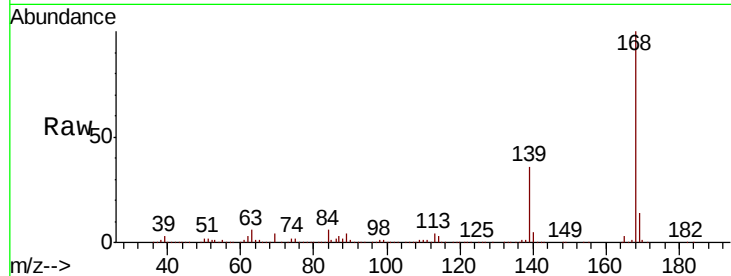




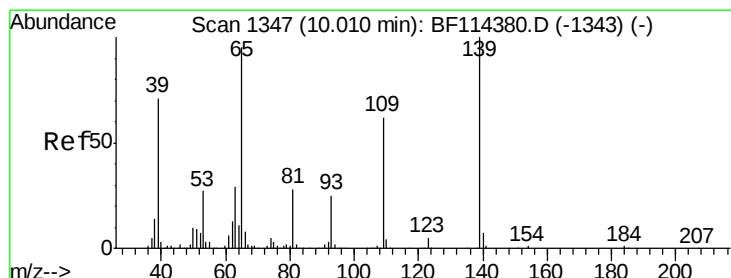
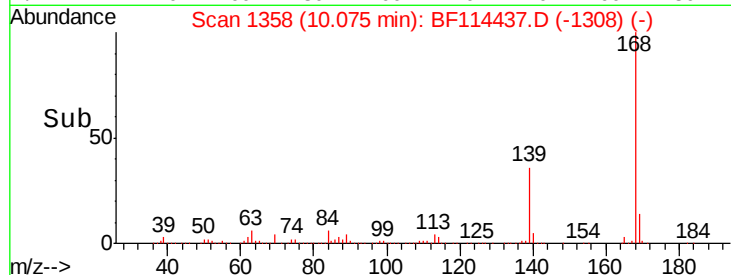
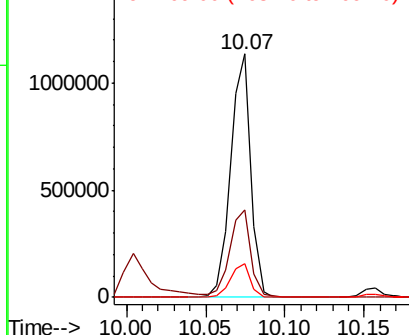
#55
Dibenzofuran
Concen: 35.495 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 996397
Ion Ratio Lower Upper
168 100
139 35.7 31.1 46.7
169 13.6 11.4 17.0

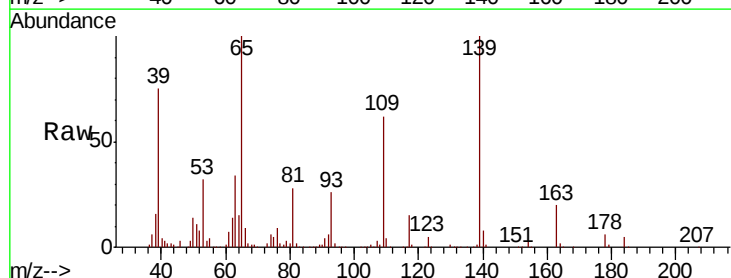


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

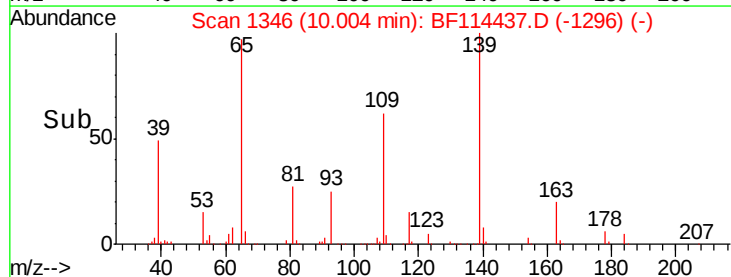
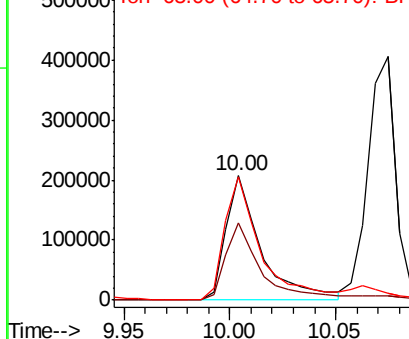


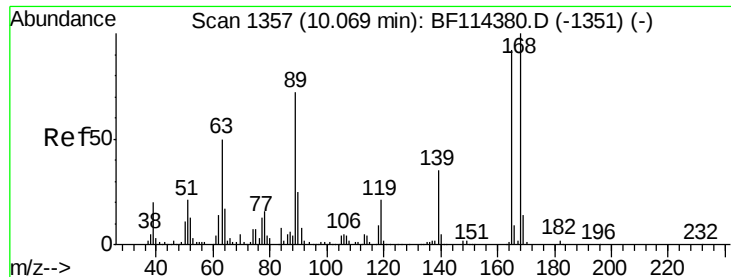
#56
4-Nitrophenol
Concen: 53.141 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:139 Resp: 239635
Ion Ratio Lower Upper
139 100
109 61.9 43.9 83.9
65 99.5 85.7 125.7



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

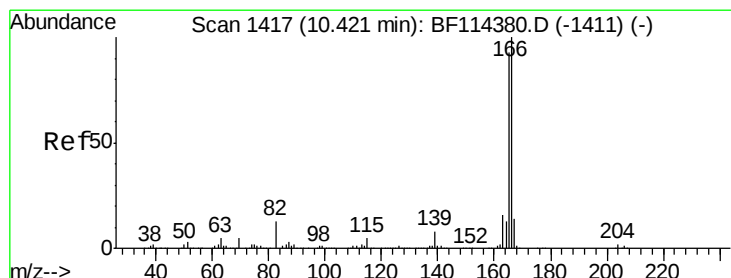
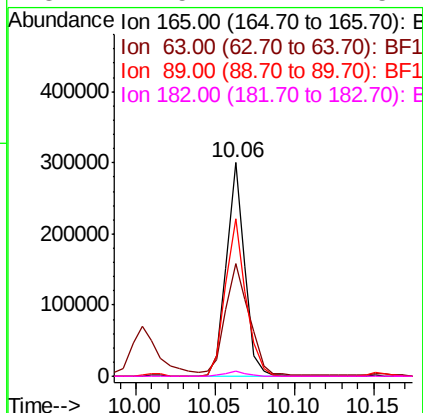
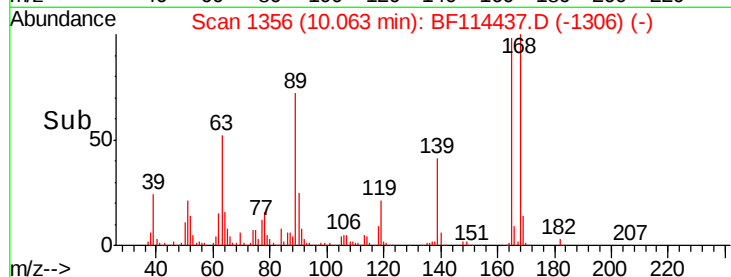
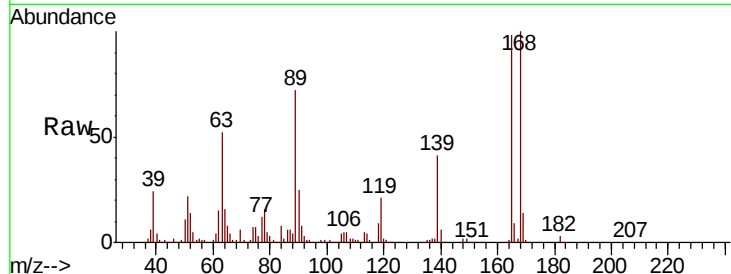




#57
 2,4-Dinitrotoluene
 Concen: 34.322 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

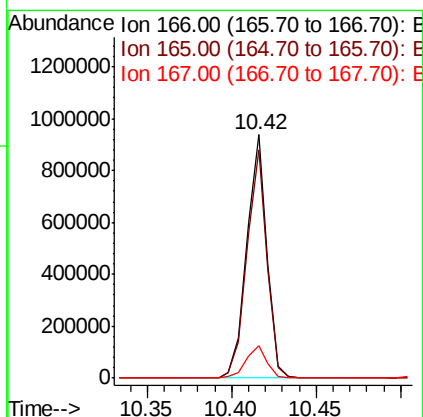
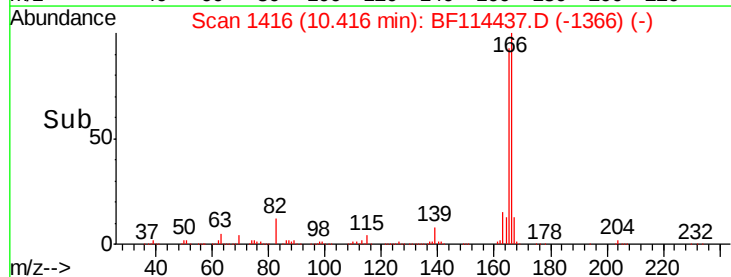
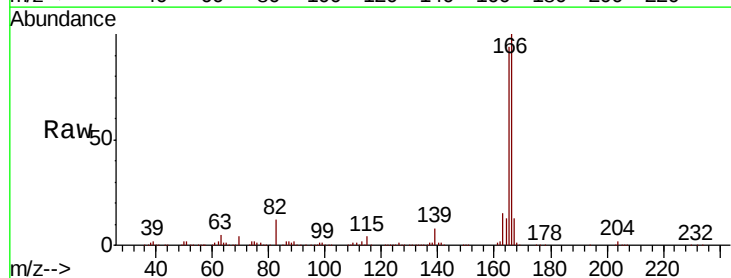
Instrument :
 BNA_F
 ClientSampleId :

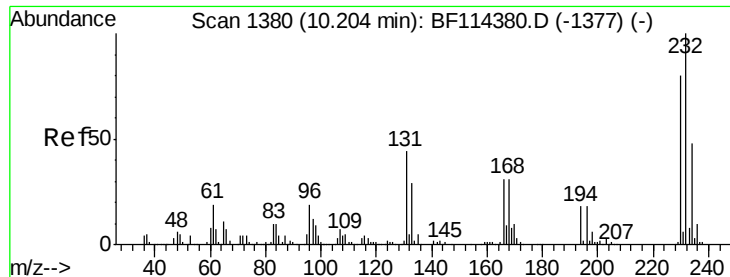
Tot Ion:	165	Resp:	239295
Ion	Ratio	Lower	Upper
165	100		
63	53.0	35.5	53.3
89	73.7	55.2	82.8
182	2.5	2.2	3.2



#58
 Fluorene
 Concen: 35.964 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Tgt Ion:	166	Resp:	779807
Ion	Ratio	Lower	Upper
166	100		
165	93.5	76.1	114.1
167	13.4	11.1	16.7

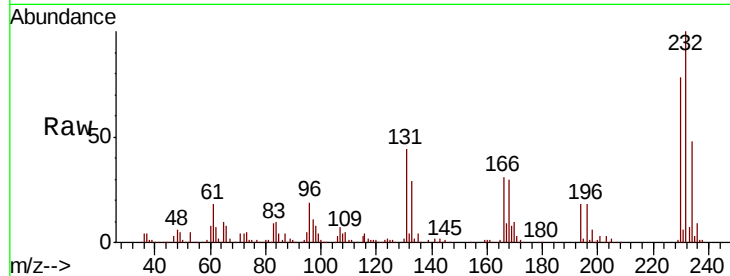




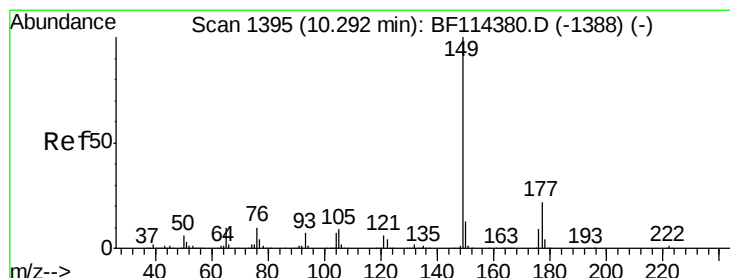
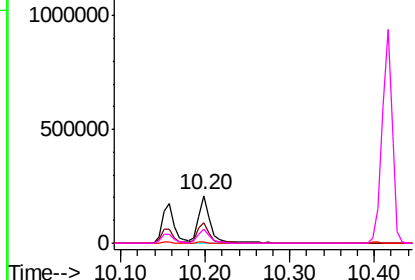
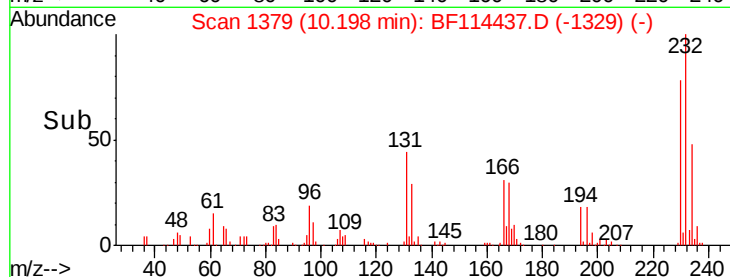
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.566 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	201061
Ion	Ratio	Lower	Upper
232	100		
131	41.9	35.6	53.4
130	2.1	1.6	2.4
166	28.9	24.1	36.1

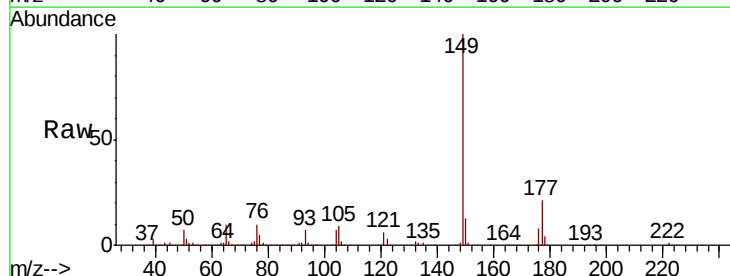


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

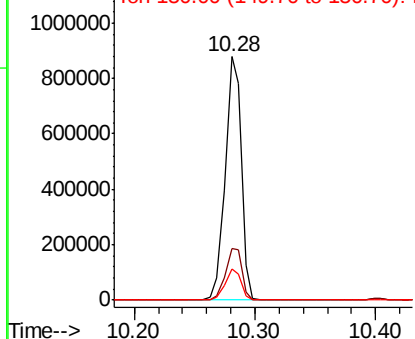
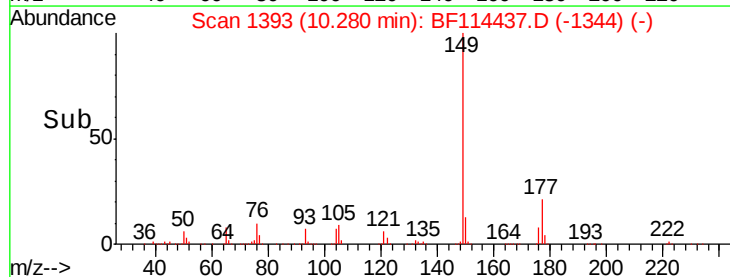


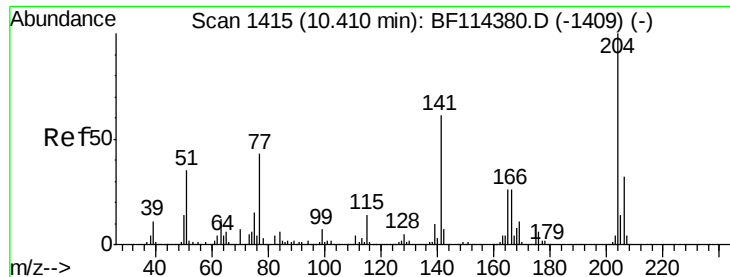
#60
 Diethylphthalate
 Concen: 34.246 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Tgt Ion:	149	Resp:	805854
Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.8	26.6
150	12.6	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

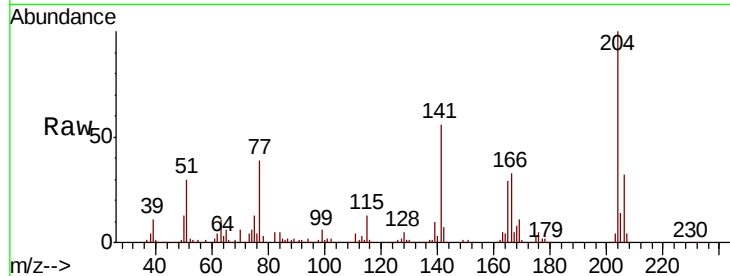




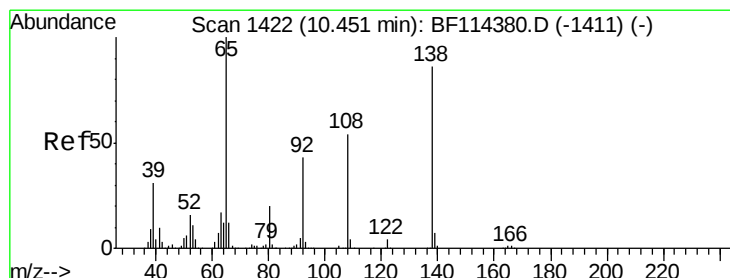
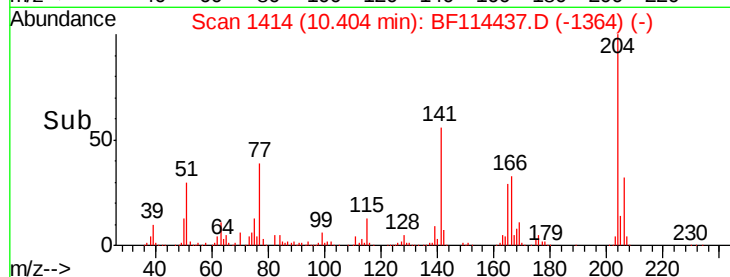
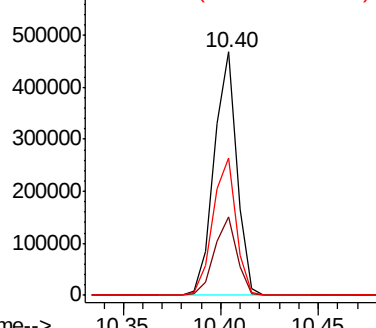
#61
4-Chlorophenyl-phenylether
Concen: 35.613 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 379263
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 56.3 46.4 69.6

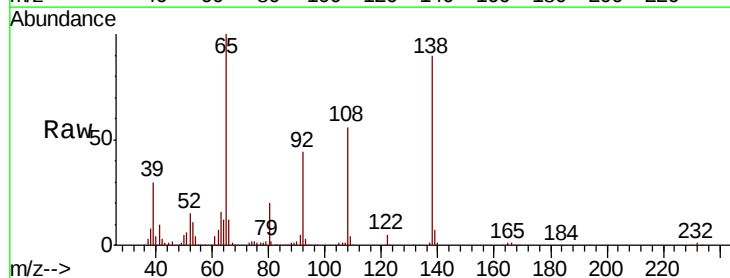


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

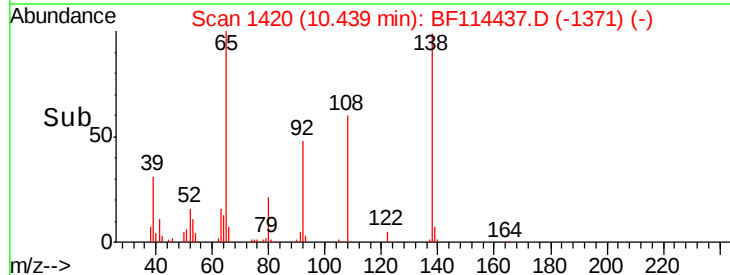
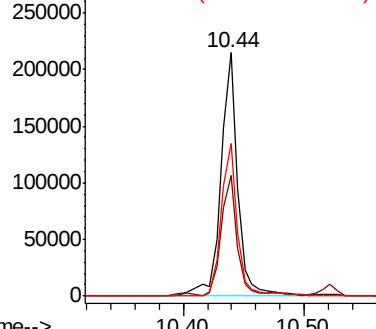


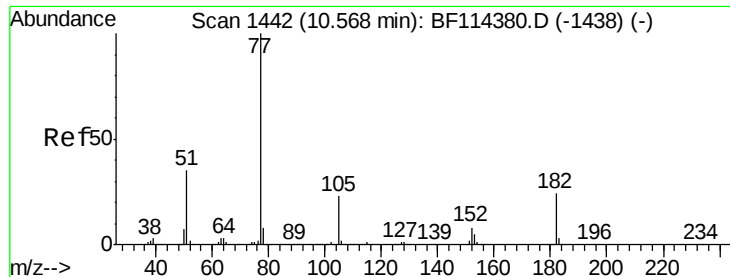
#62
4-Nitroaniline
Concen: 31.417 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:138 Resp: 210512
Ion Ratio Lower Upper
138 100
92 49.4 33.0 73.0
108 62.9 44.9 84.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

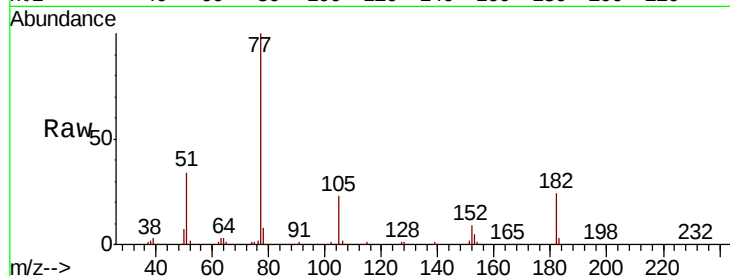




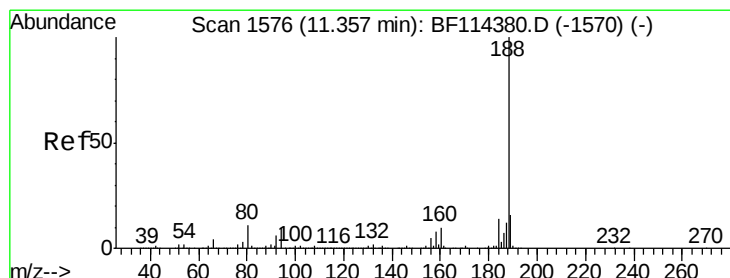
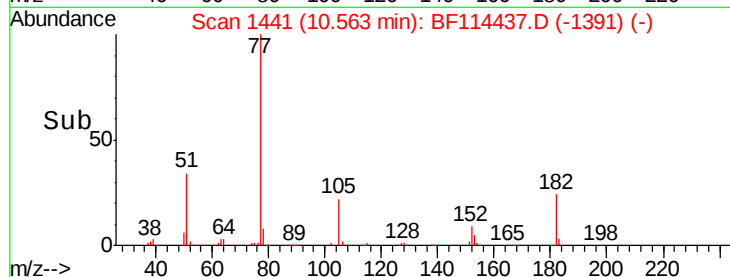
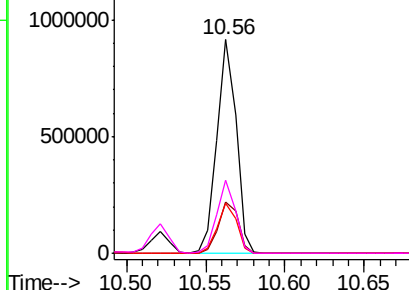
#63
Azobenzene
Concen: 33.974 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 773849
Ion Ratio Lower Upper
77 100
182 23.8 4.7 44.7
105 23.2 2.9 42.9
51 34.1 14.6 54.6

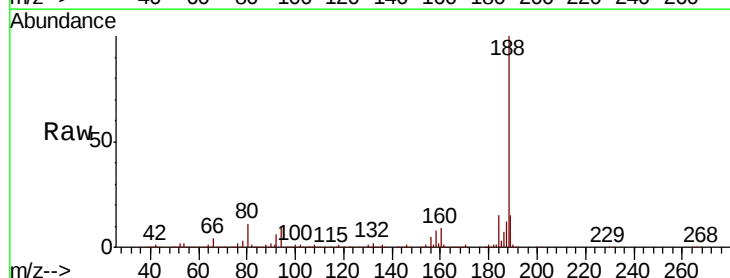


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

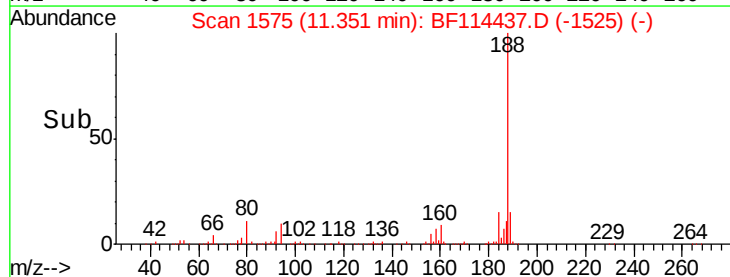
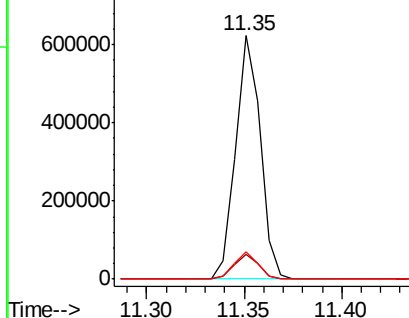


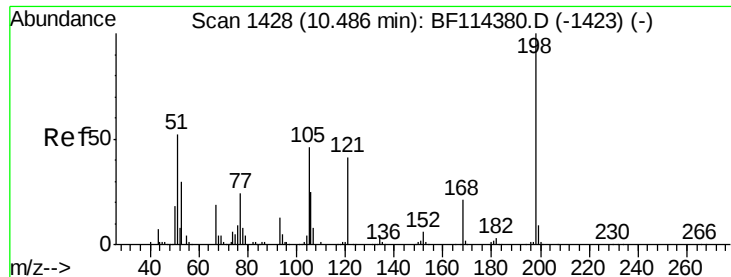
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion: 188 Resp: 547741
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 11.2 9.2 13.8



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: 33.194 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

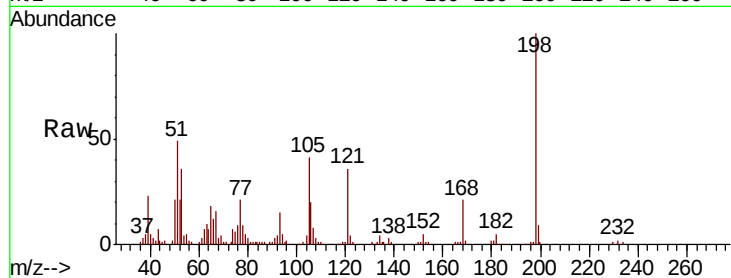
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 87366

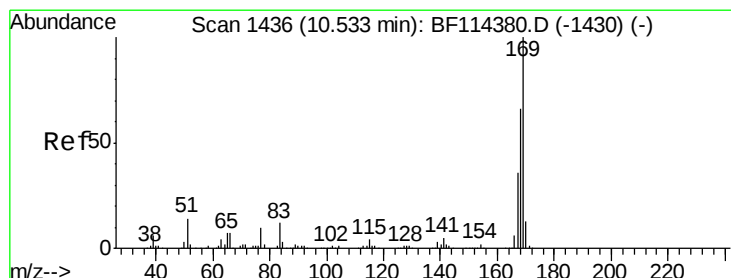
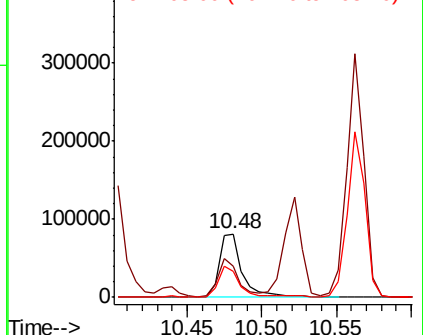
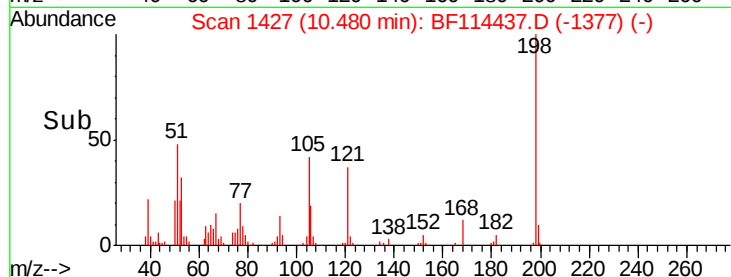
Ion	Ratio	Lower	Upper
198	100		
51	48.5	28.0	68.0
105	41.3	21.1	61.1



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: 39.942 ng

RT: 10.52 min Scan# 1434

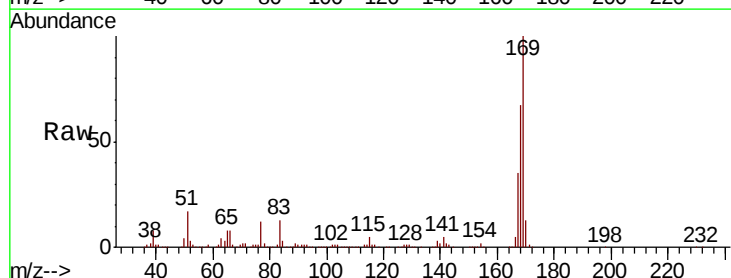
Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Tgt Ion:169 Resp: 663991

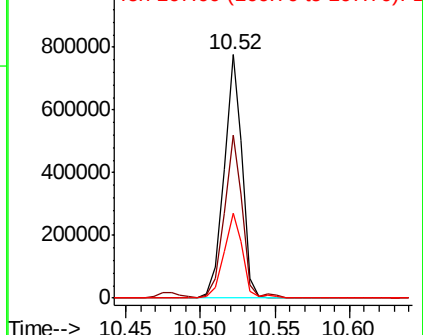
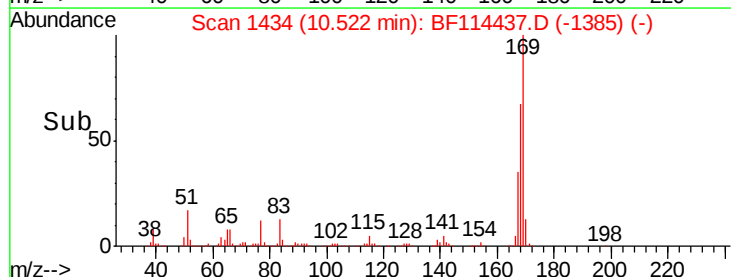
Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.2	81.2
167	35.1	29.8	44.8

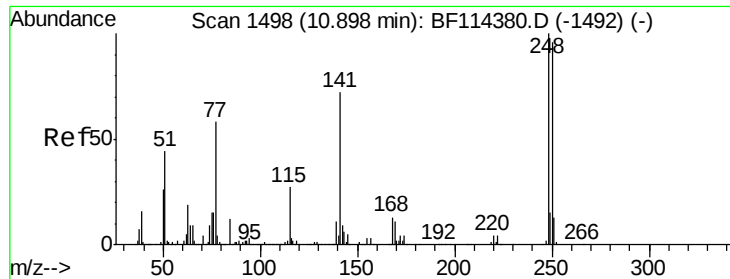


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

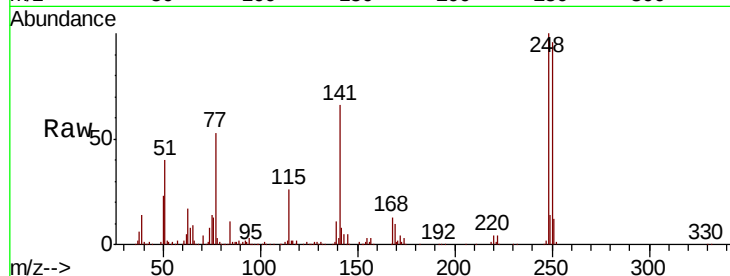




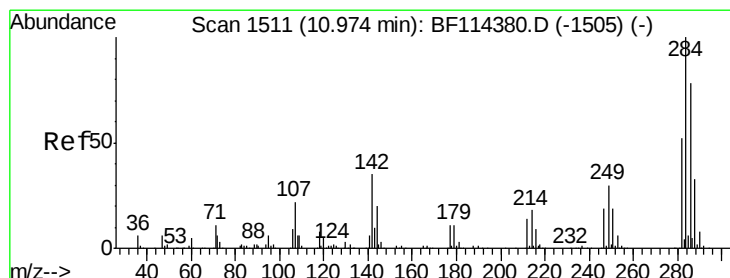
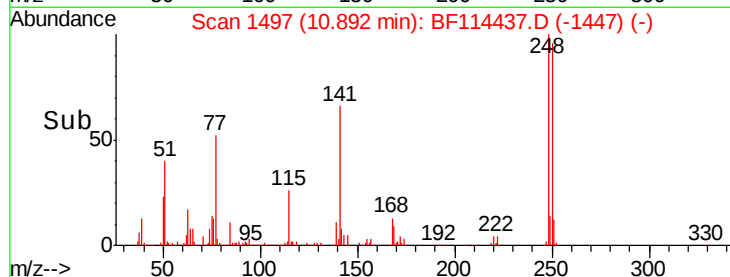
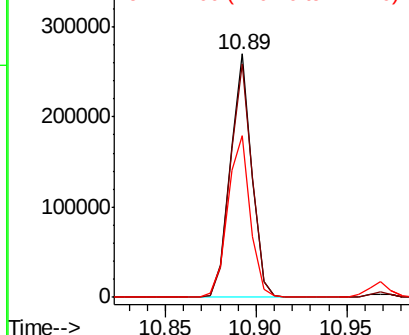
#67
4-Bromophenyl-phenylether
Concen: 36.895 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 222506
Ion Ratio Lower Upper
248 100
250 96.0 77.4 116.2
141 66.2 55.6 83.4

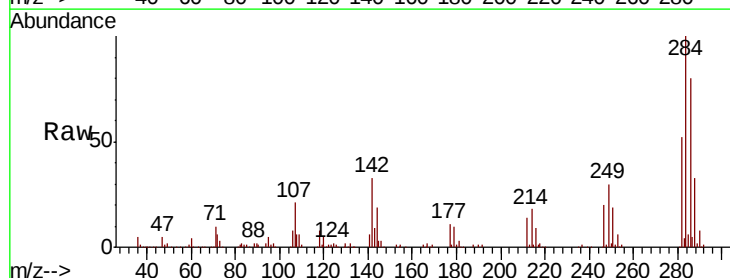


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

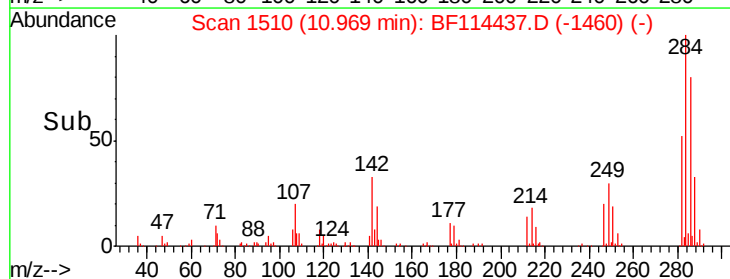
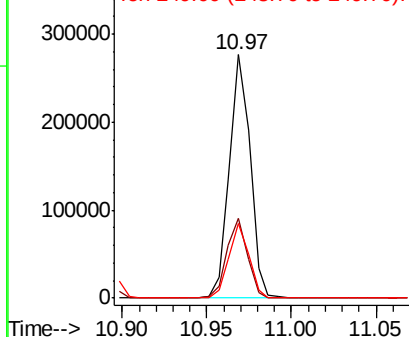


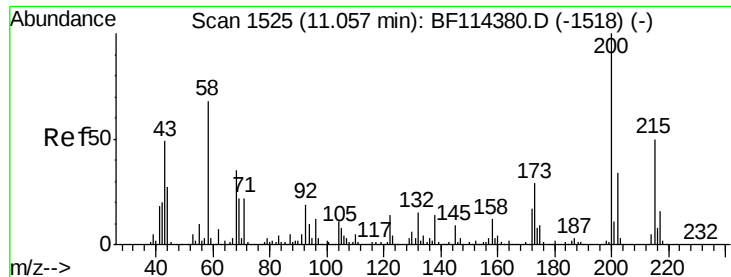
#68
Hexachlorobenzene
Concen: 35.443 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:284 Resp: 236469
Ion Ratio Lower Upper
284 100
142 32.8 28.4 42.6
249 30.5 25.2 37.8



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

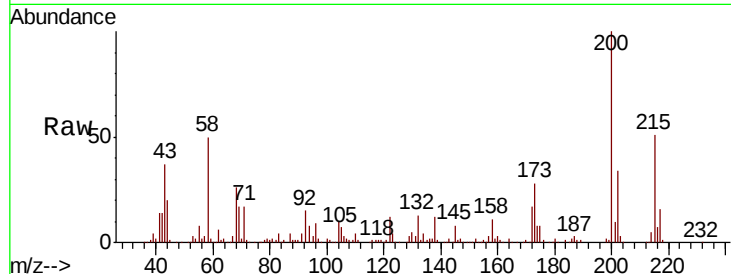




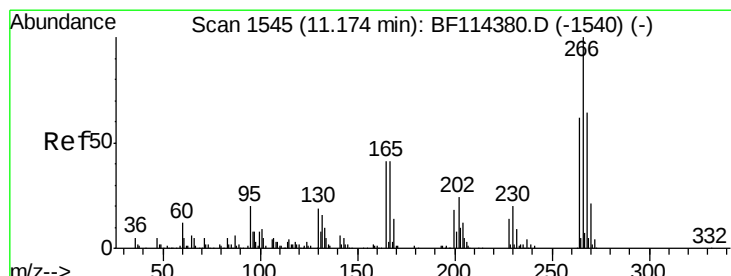
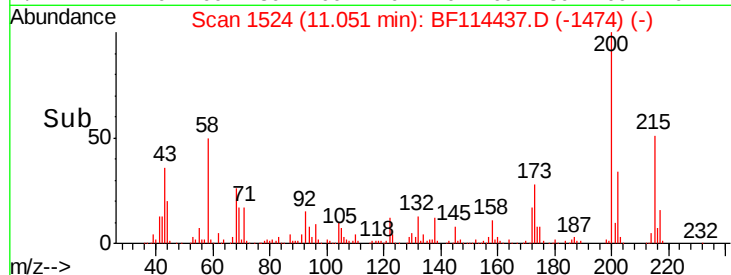
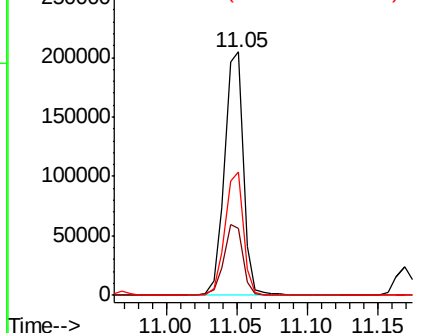
#69
Atrazine
Concen: 36.922 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 191008
Ion Ratio Lower Upper
200 100
173 27.6 8.9 48.9
215 50.9 30.7 70.7

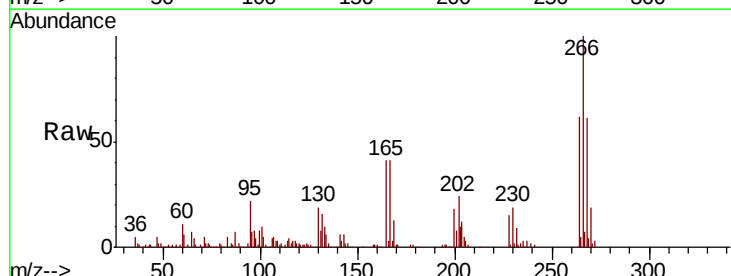


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

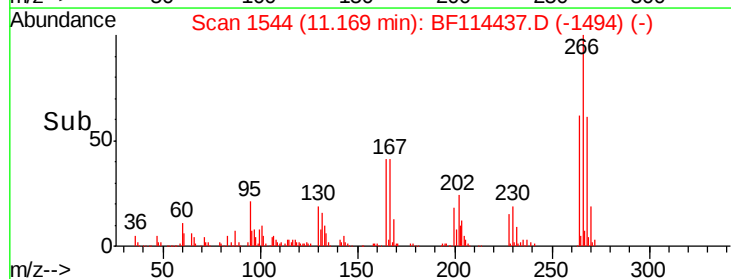
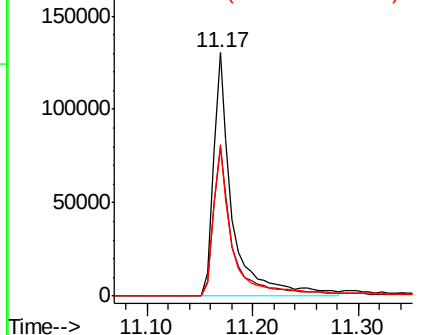


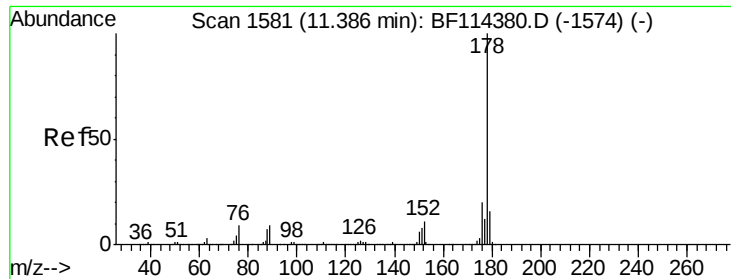
#70
Pentachlorophenol
Concen: 52.216 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:266 Resp: 165142
Ion Ratio Lower Upper
266 100
268 61.3 51.1 76.7
264 62.1 51.1 76.7



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

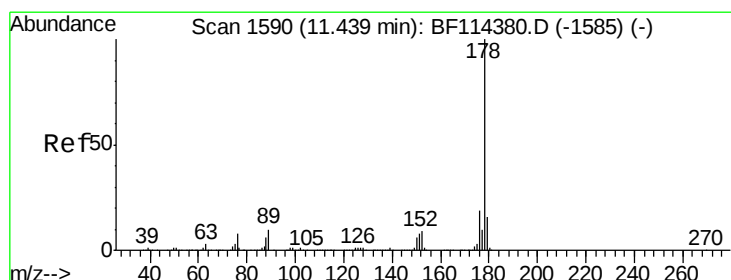
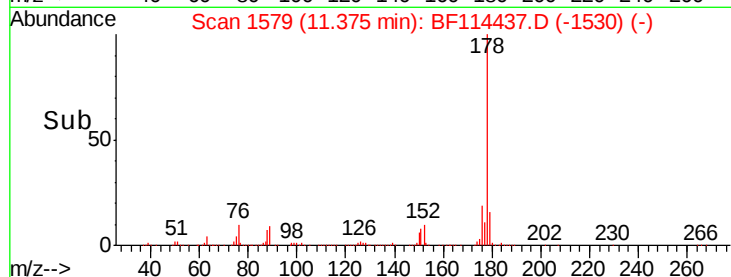
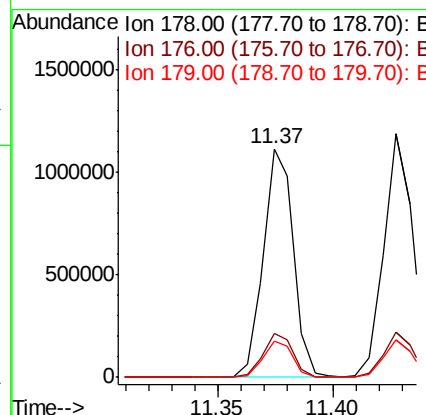
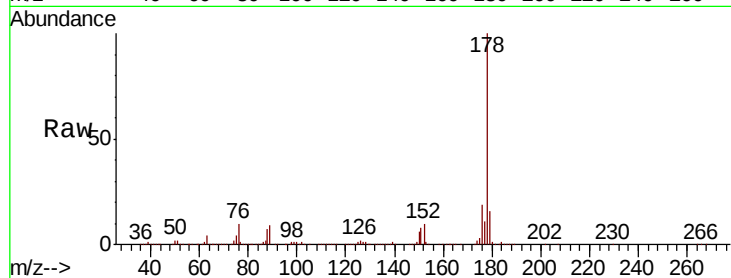




#71
Phenanthrene
Concen: 37.996 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

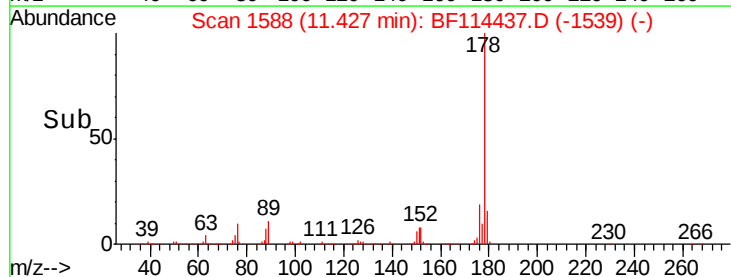
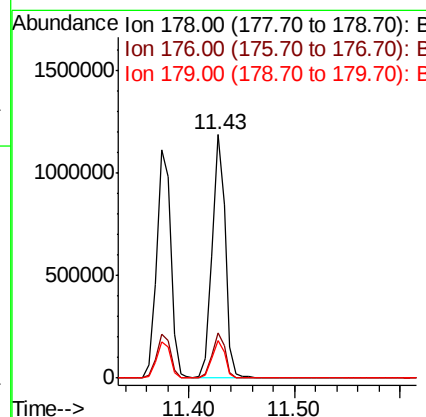
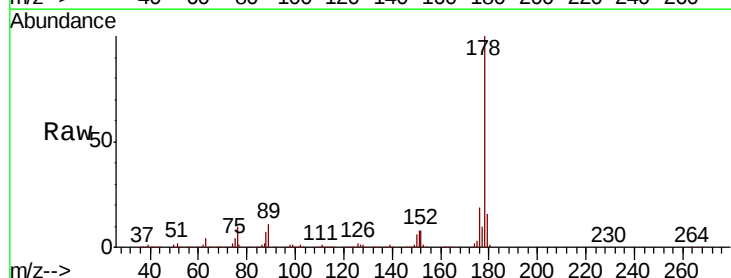
Instrument :
BNA_F
ClientSampleId :

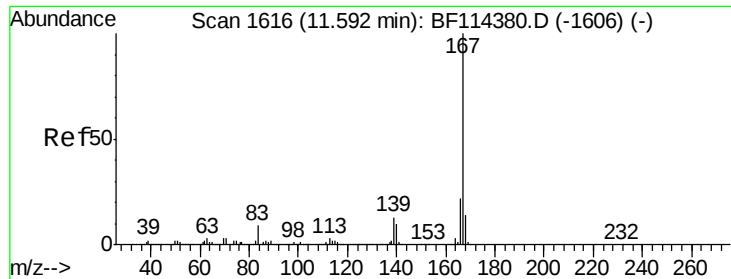
Tot Ion:178 Resp: 1012535
Ion Ratio Lower Upper
178 100
176 19.4 16.4 24.6
179 15.7 13.2 19.8



#72
Anthracene
Concen: 38.836 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:178 Resp: 1039491
Ion Ratio Lower Upper
178 100
176 18.7 15.8 23.8
179 15.6 13.0 19.4





#73

Carbazole

Concen: 37.920 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

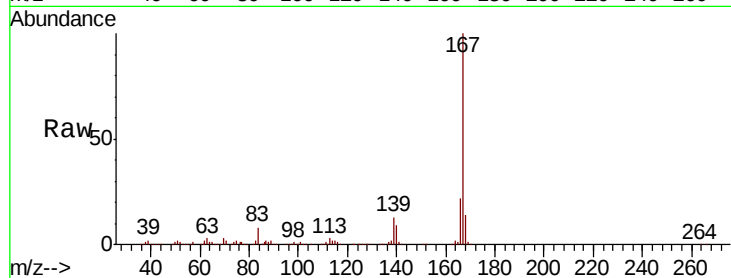
Tot Ion:167 Resp: 967862

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

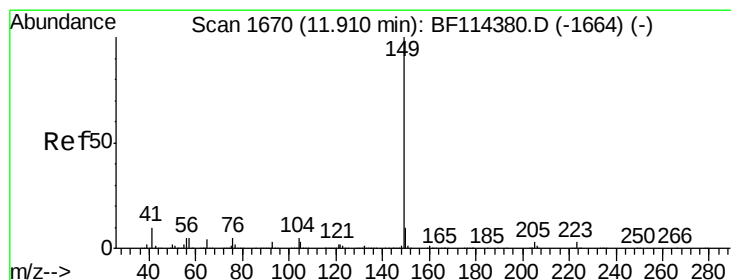
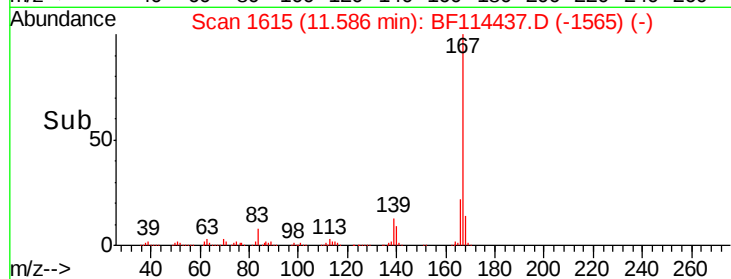
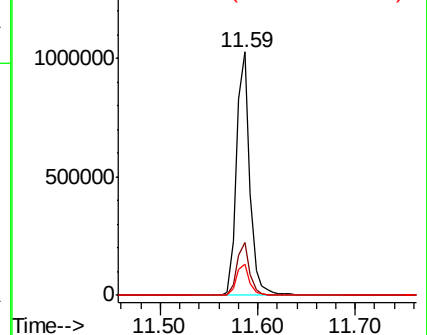
139 12.6 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.485 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

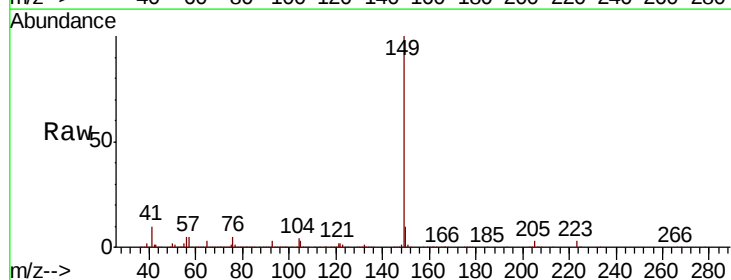
Tgt Ion:149 Resp: 1072851

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

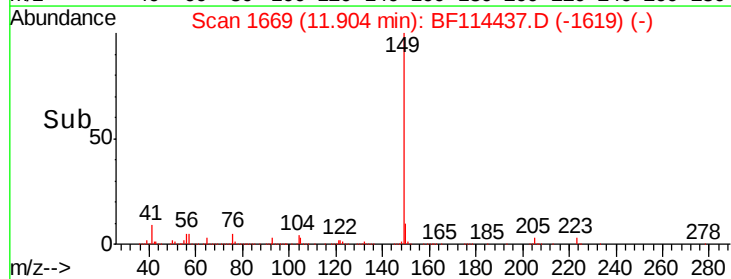
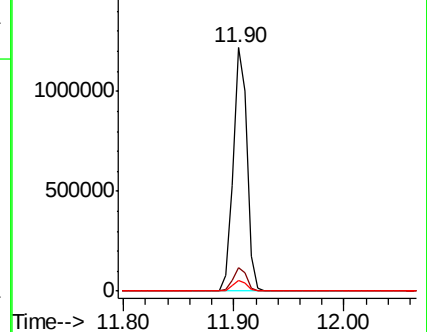
104 4.4 3.6 5.4

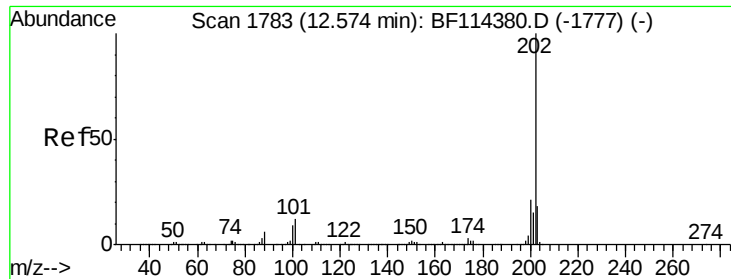


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 32.913 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

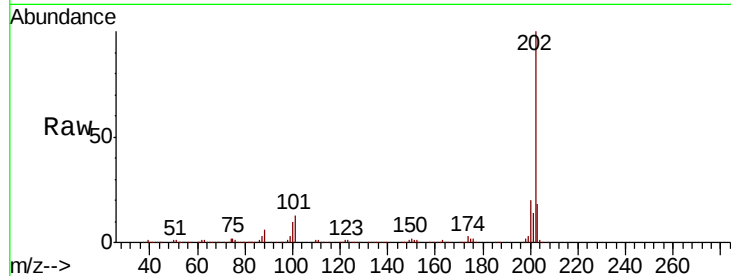
Tot Ion:202 Resp: 944505

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.0

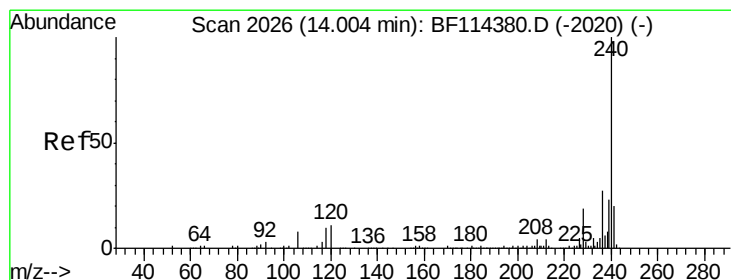
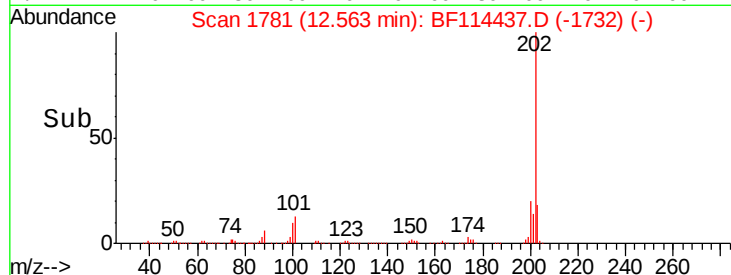
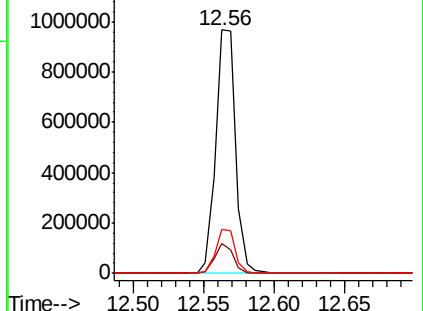
203 18.1 0.0 38.4



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

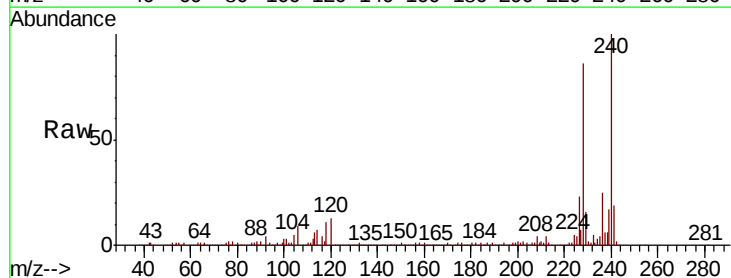
Tgt Ion:240 Resp: 360597

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

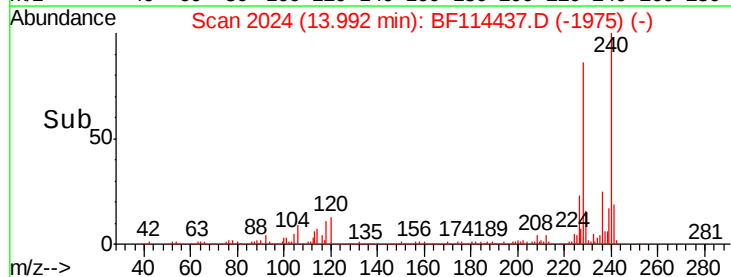
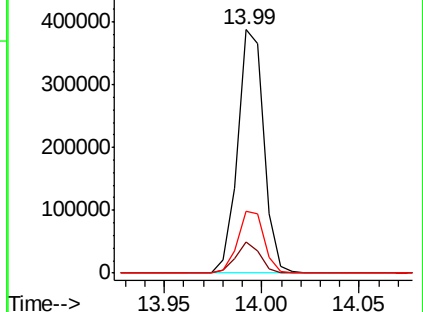
236 25.4 20.8 31.2

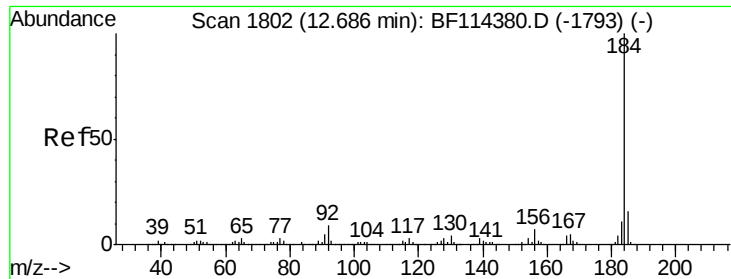


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.038 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

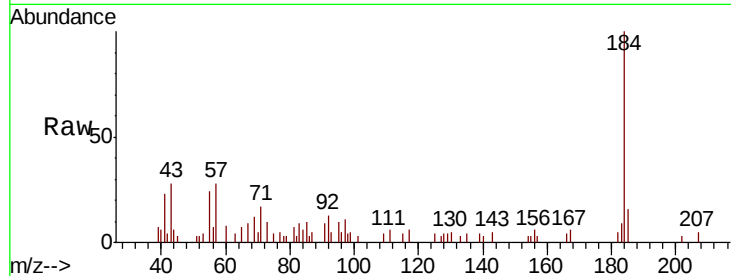
Tot Ion:184 Resp: 16804

Ion Ratio Lower Upper

184 100

185 15.8 13.6 20.4

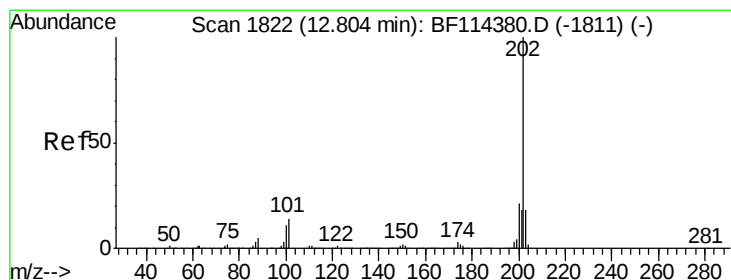
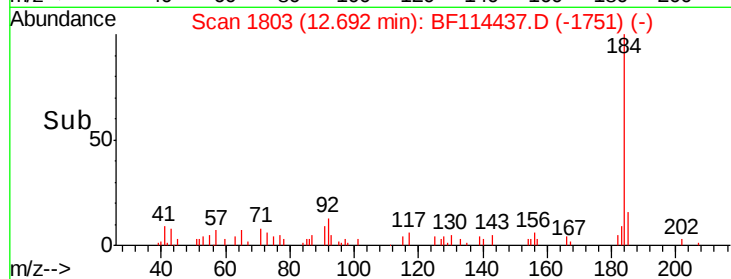
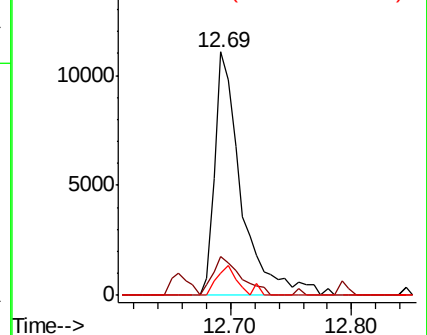
183 9.3 9.2 13.8



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: 32.907 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

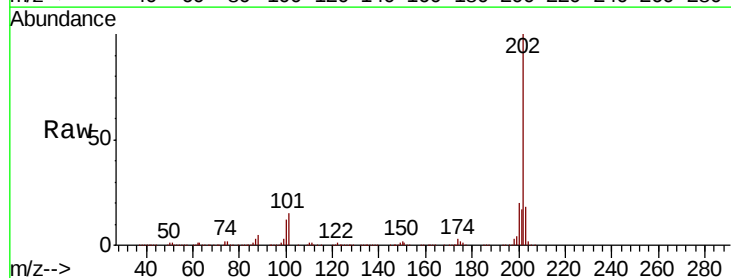
Tgt Ion:202 Resp: 954580

Ion Ratio Lower Upper

202 100

200 20.1 16.9 25.3

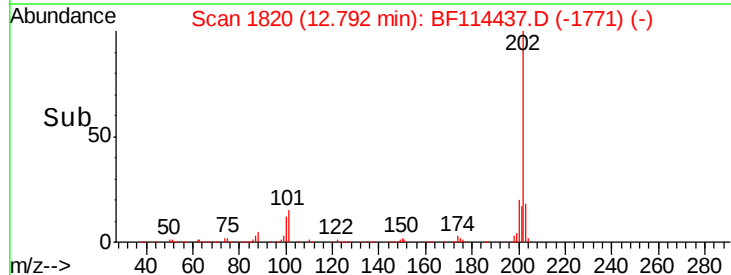
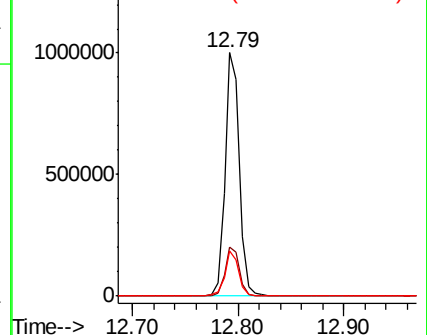
203 18.4 14.5 21.7

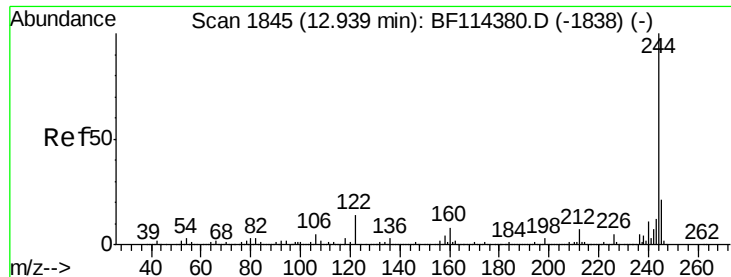


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.883 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

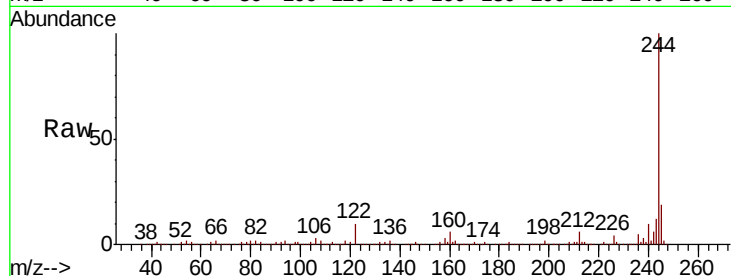
Tot Ion:244 Resp: 1117472

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

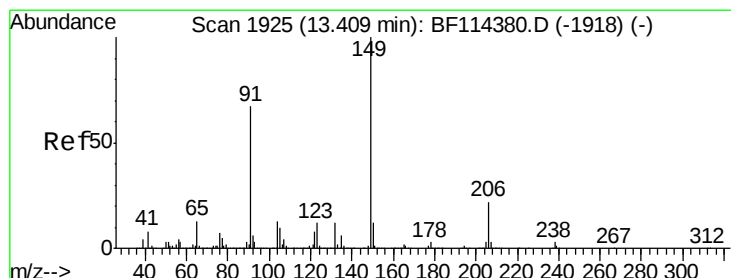
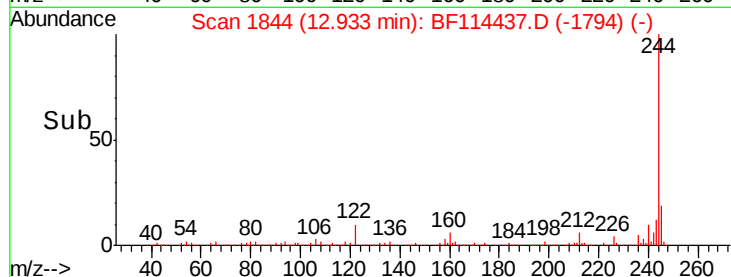
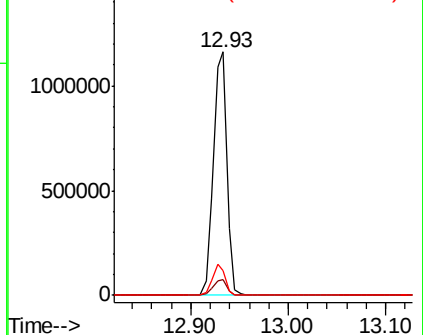
122 10.4 9.4 14.2



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: 31.044 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

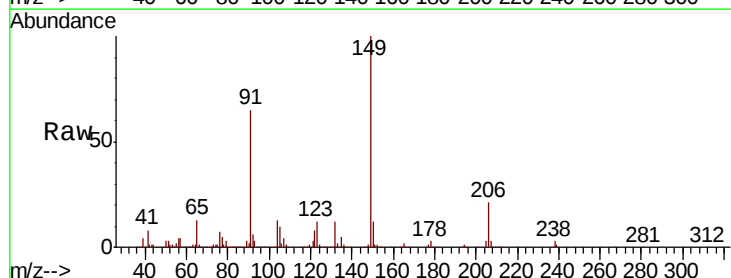
Tgt Ion:149 Resp: 379041

Ion Ratio Lower Upper

149 100

91 65.0 55.0 82.4

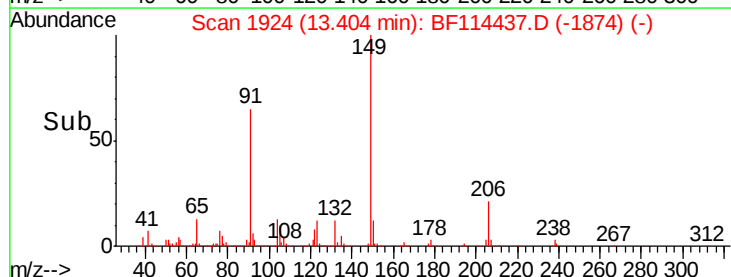
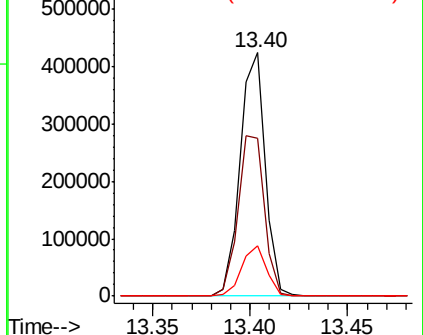
206 20.9 16.9 25.3

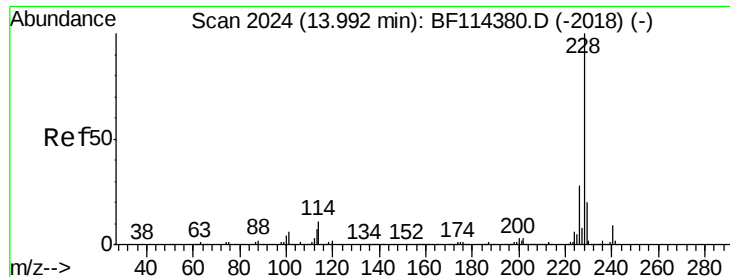


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.389 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

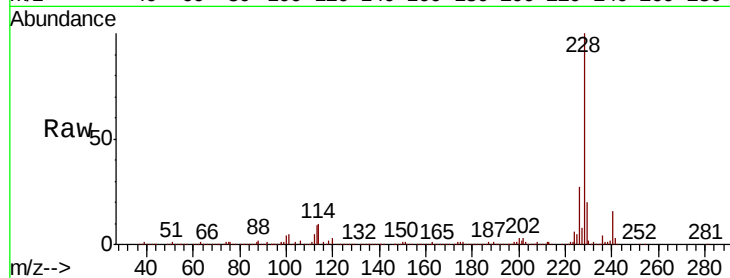
Tot Ion:228 Resp: 848704

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.2

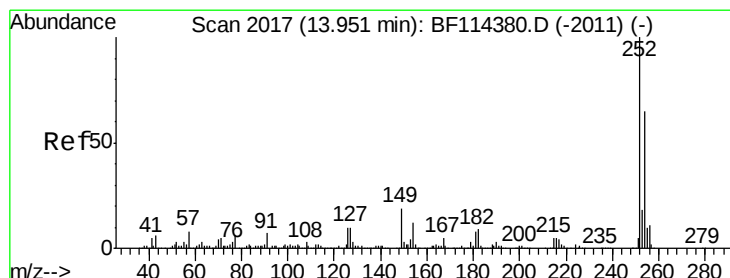
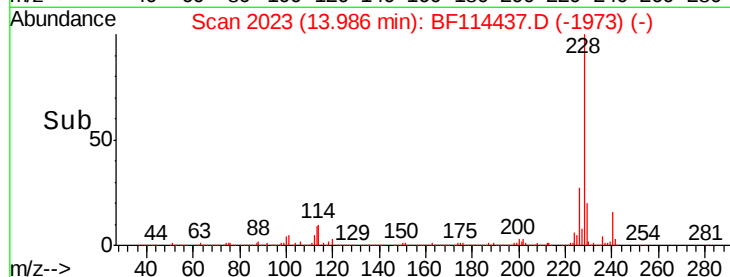
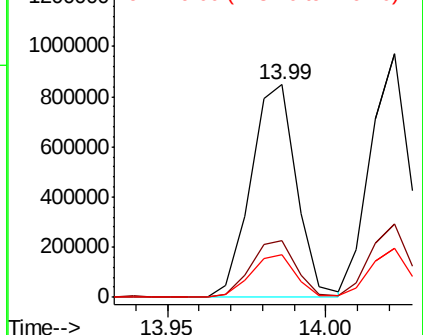
229 19.9 16.4 24.6



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: 29.231 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

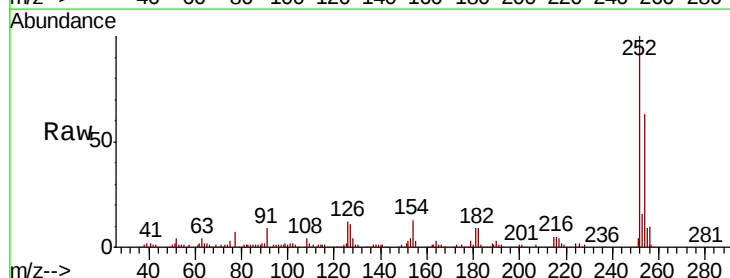
Tgt Ion:252 Resp: 264472

Ion Ratio Lower Upper

252 100

254 62.6 51.9 77.9

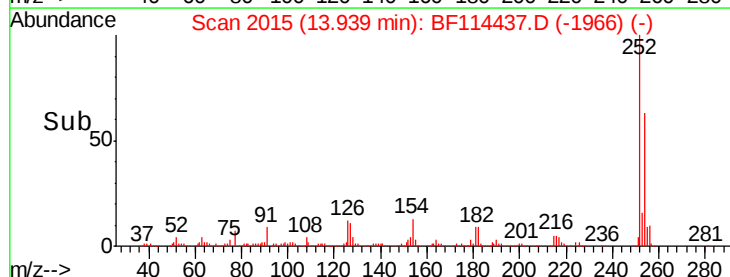
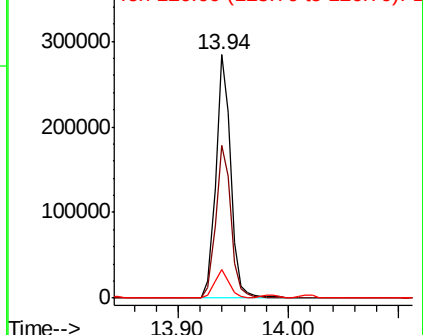
126 11.7 7.9 11.9

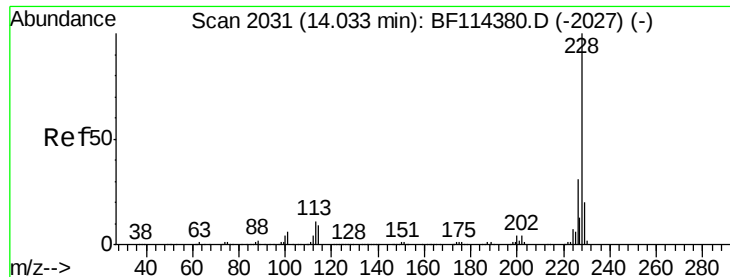


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 36.708 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

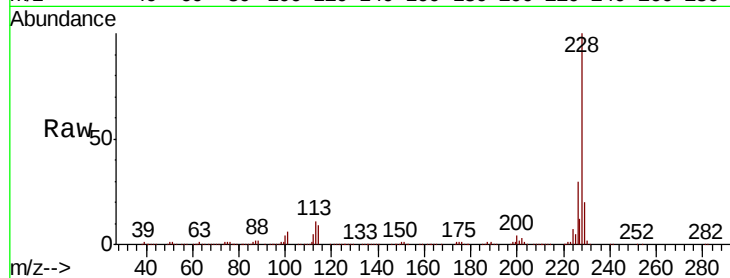
Tot Ion:228 Resp: 839266

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

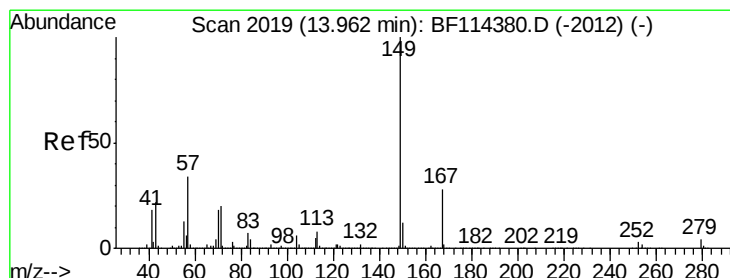
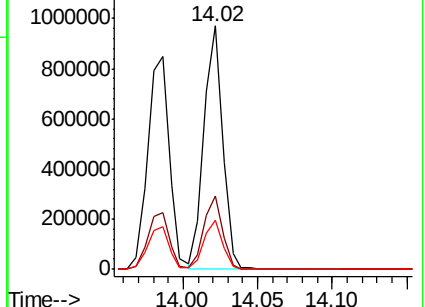
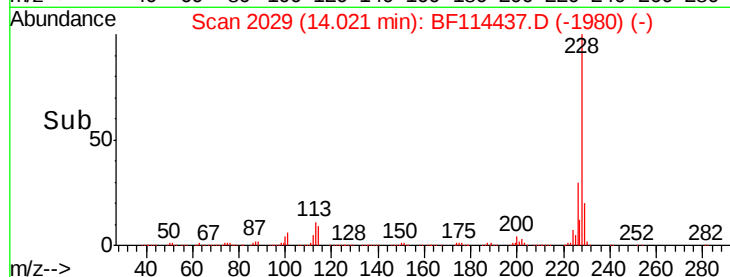
229 19.9 17.0 25.6



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: 31.430 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

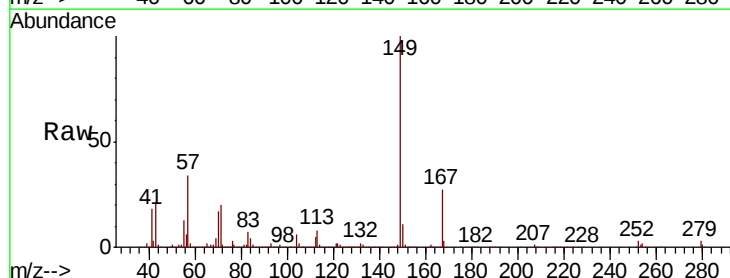
Tgt Ion:149 Resp: 501896

Ion Ratio Lower Upper

149 100

167 27.1 22.6 33.8

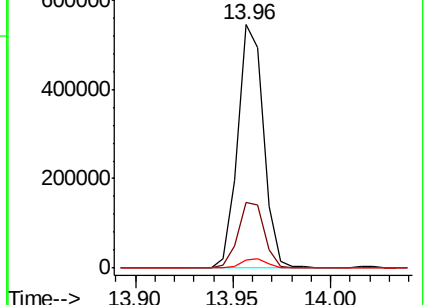
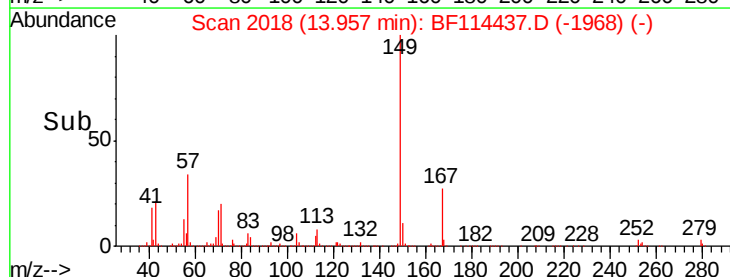
279 3.3 3.0 4.6

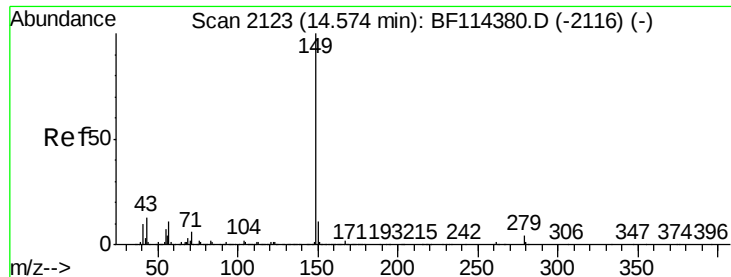


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.166 ng

RT: 14.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

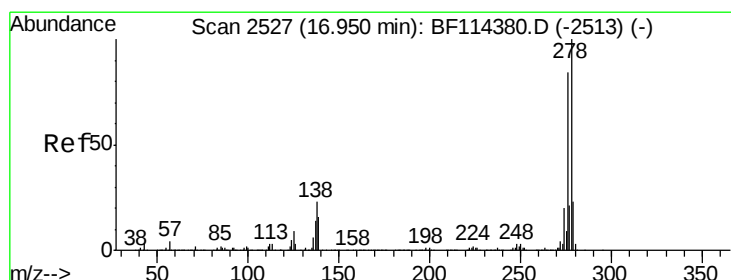
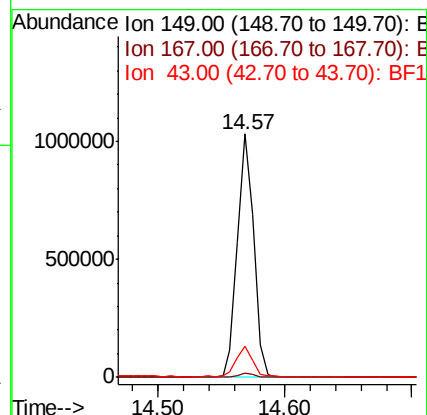
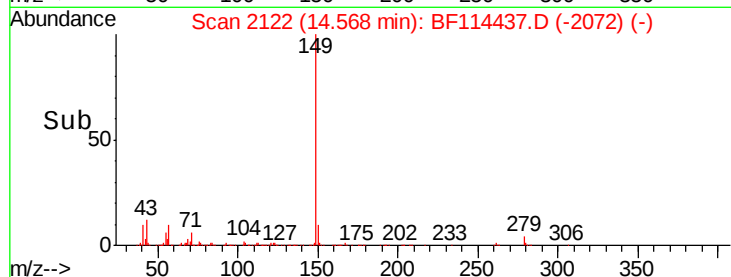
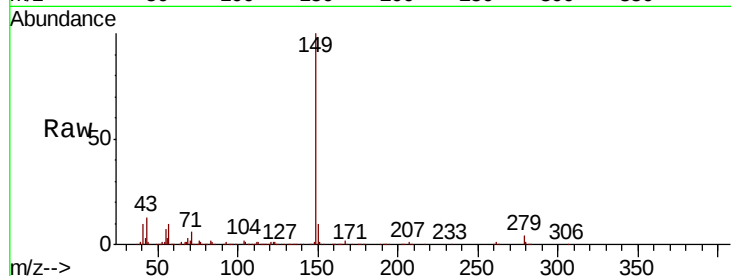
Tot Ion:149 Resp: 910328

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.2 10.1 15.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.144 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

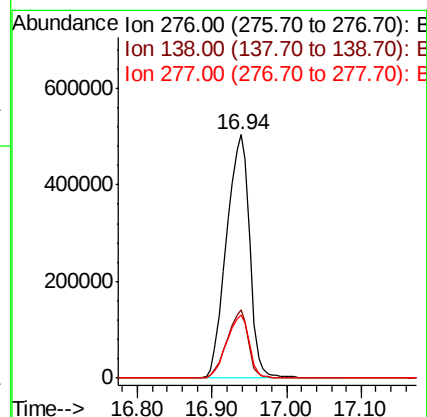
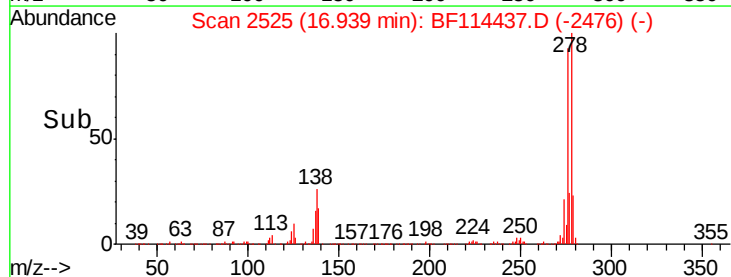
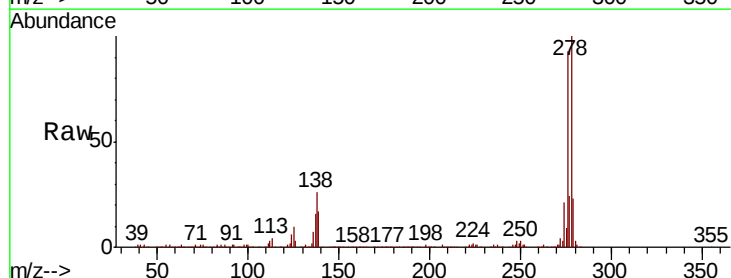
Tgt Ion:276 Resp: 1094046

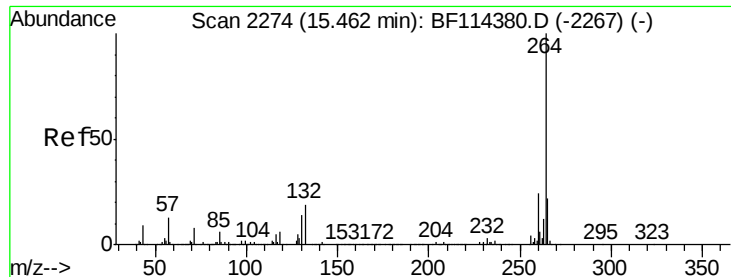
Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.2

277 25.3 20.0 30.0



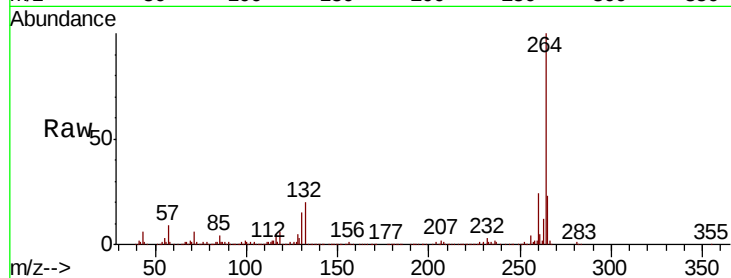


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

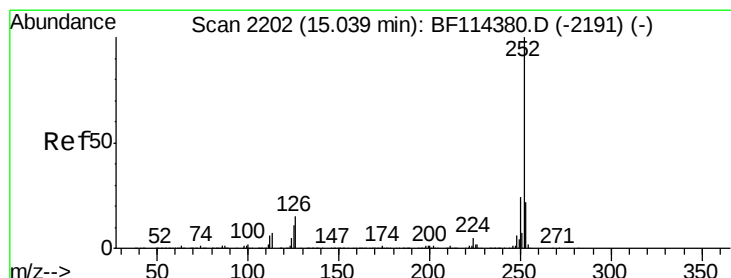
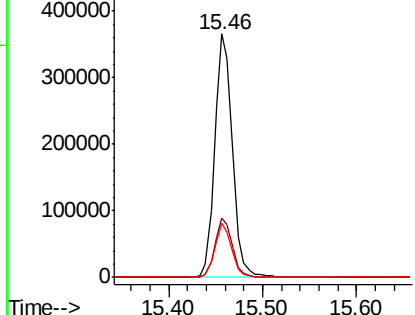
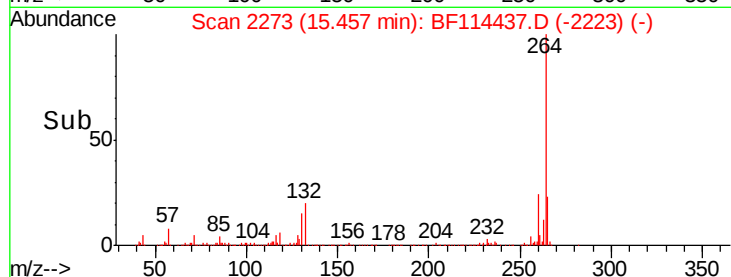
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 482236

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	22.5	16.9	25.3



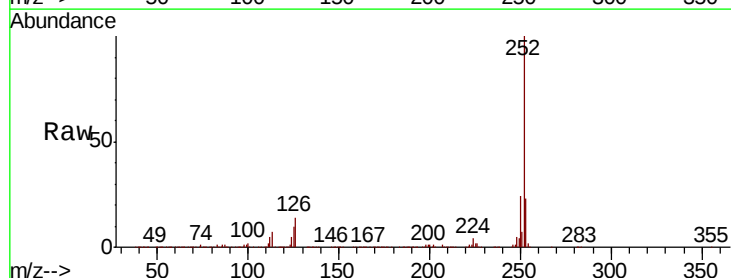
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



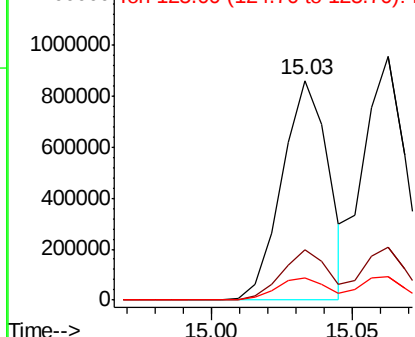
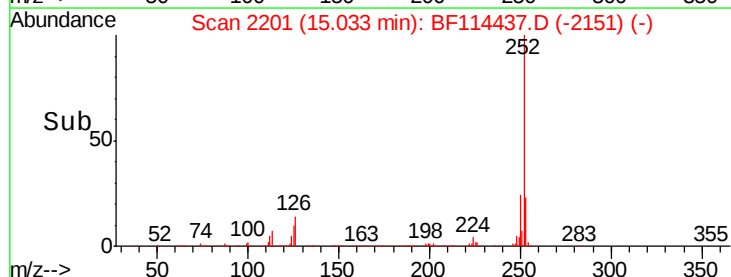
#88
Benzo(b)fluoranthene
Concen: 31.957 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

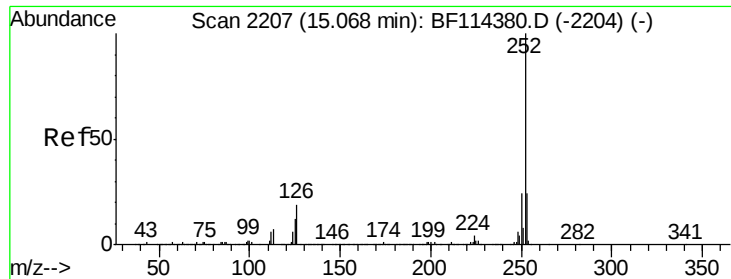
Tgt Ion:252 Resp: 987293

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.4	8.3	12.5



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

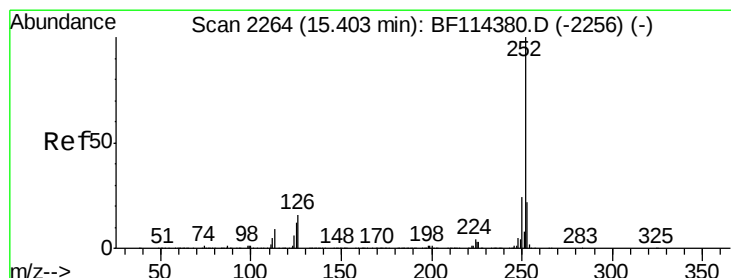
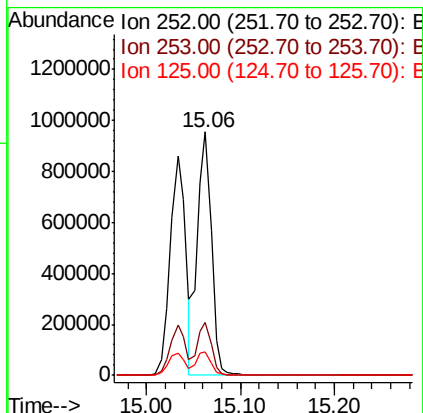
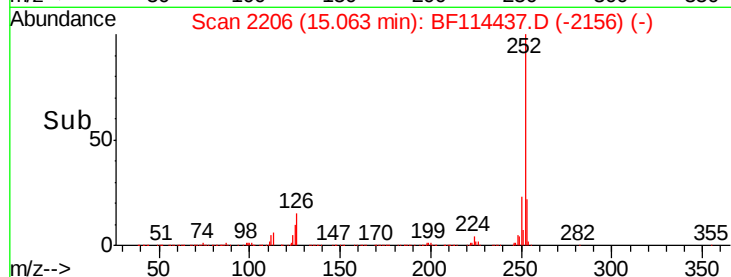
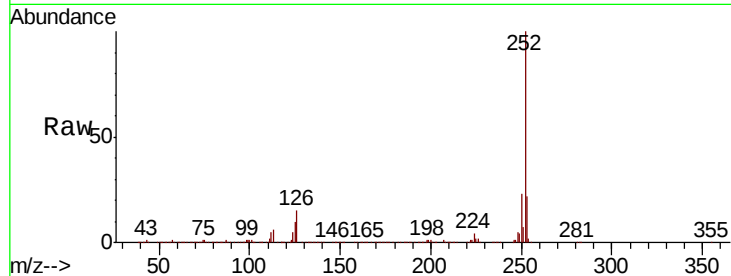




#89
Benzo(k)fluoranthene
Concen: 35.007 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

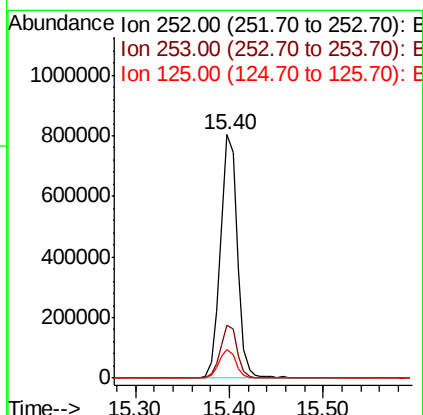
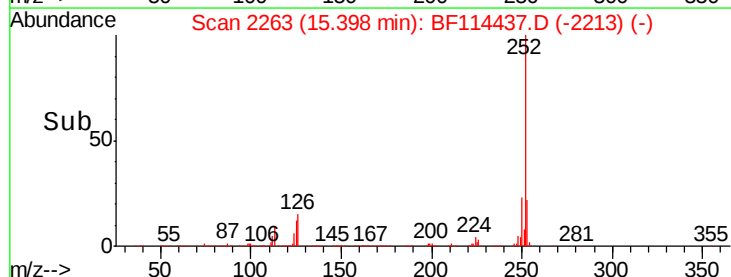
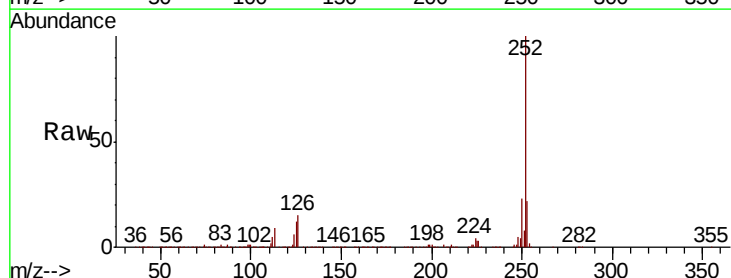
Instrument :
BNA_F
ClientSampleId :

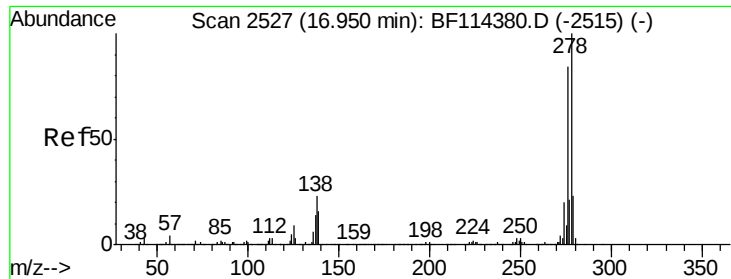
Tot Ion:252 Resp: 993485
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 9.8 8.6 13.0



#90
Benzo(a)pyrene
Concen: 37.252 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:252 Resp: 1012880
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 11.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 41.496 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

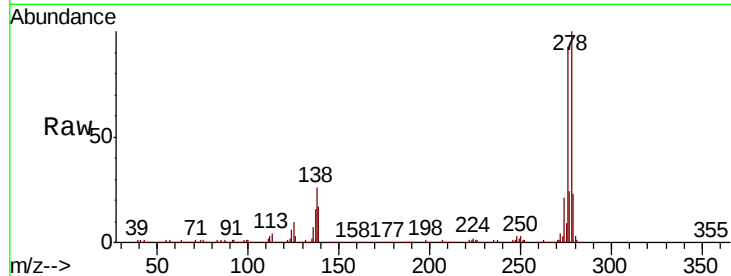
Tot Ion:278 Resp: 937552

Ion Ratio Lower Upper

278 100

139 16.6 13.5 20.3

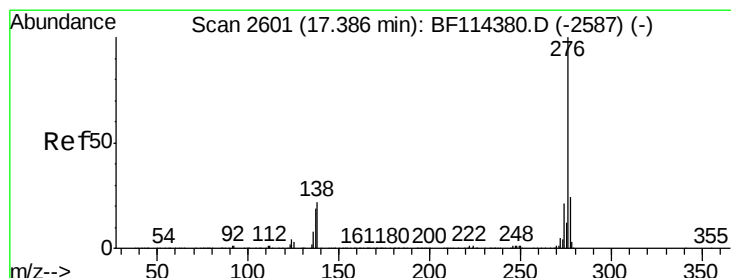
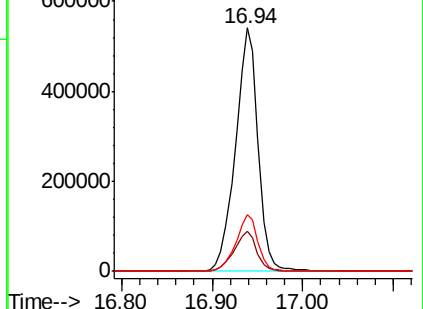
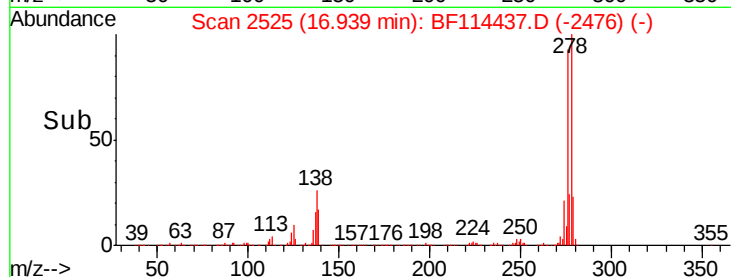
279 23.3 19.0 28.6



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: 39.965 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BF114437.D

Acq: 20 May 2019 14:32

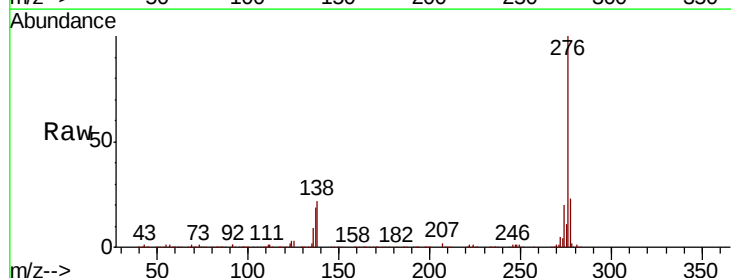
Tgt Ion:276 Resp: 904889

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 22.3 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

