

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 :
 GIS-2MSD

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

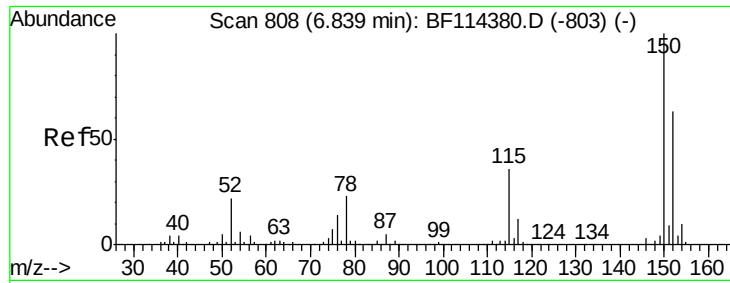
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	116859	29.152	ng	98
43) 2,4,6-Trichlorophenol	9.11	196	237204	36.085	ng	98
44) 2,4,5-Trichlorophenol	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



#1

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 :

GIS-2MSD

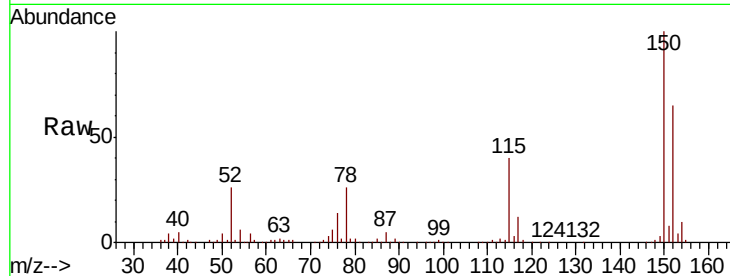
Tot Ion:152 Resp: 189475

Ion Ratio Lower Upper

152 100

150 152.8 124.3 186.5

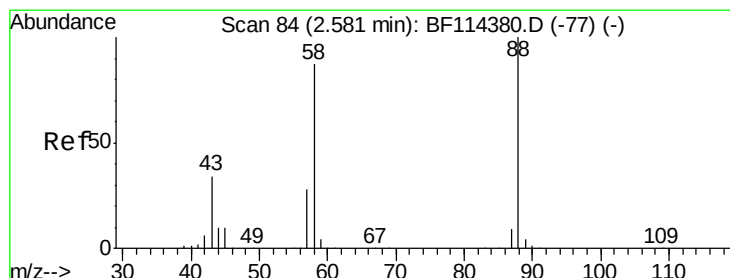
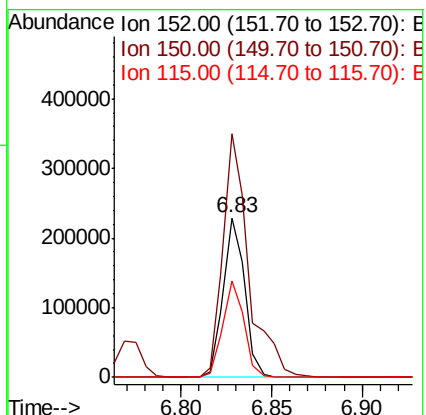
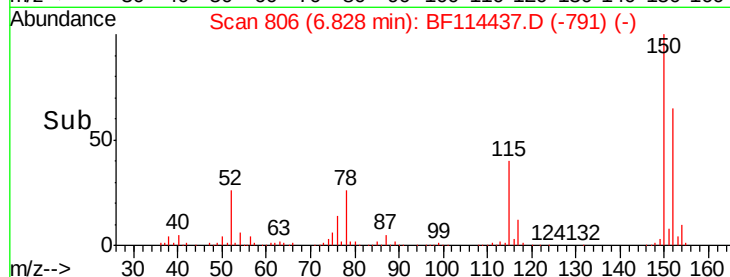
115 60.5 49.1 73.7



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



#2

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

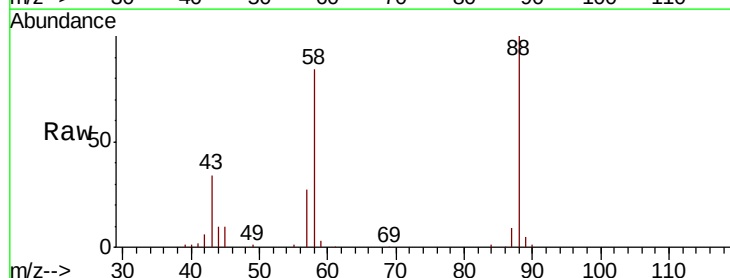
Tgt Ion: 88 Resp: 171709

Ion Ratio Lower Upper

88 100

58 83.9 68.7 103.1

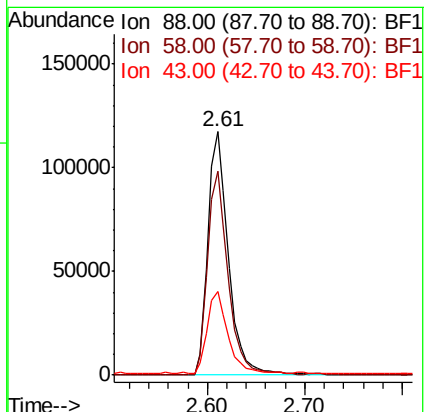
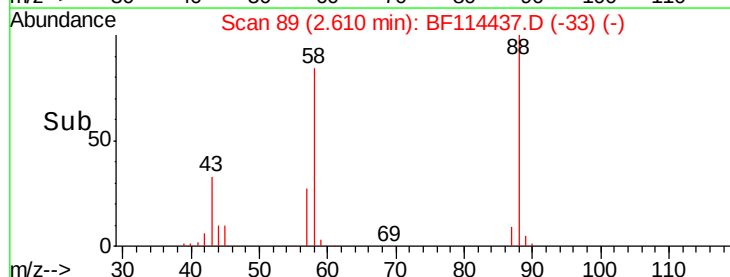
43 33.6 28.2 42.2

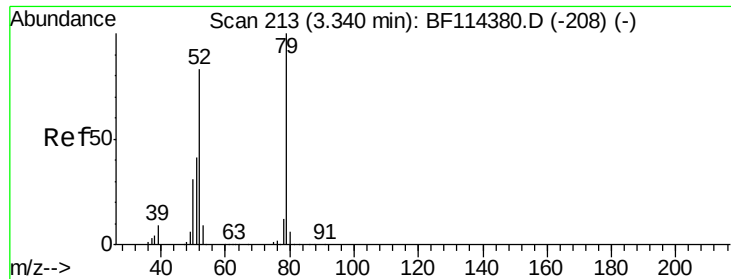


Abundance Ion 88.00 (87.70 to 88.70): BF1

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

ClientSampleId :

GIS-2MSD

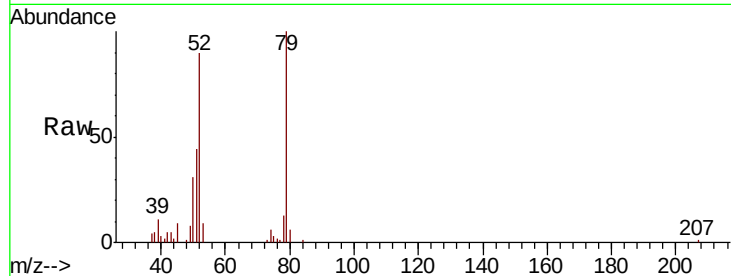
Tot Ion: 79 Resp: 136676

Ion Ratio Lower Upper

79 100

52 90.4 70.6 105.8

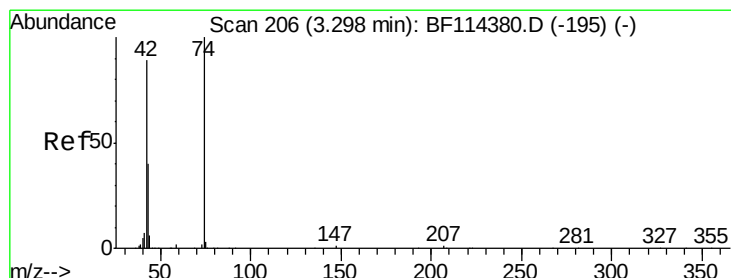
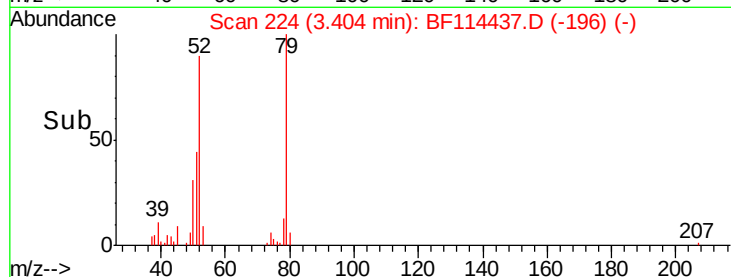
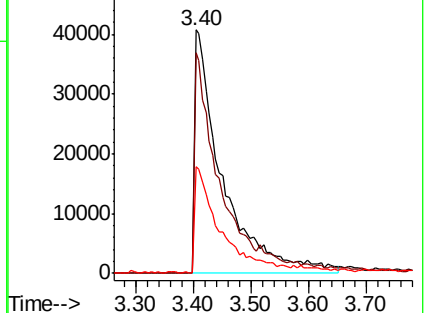
51 43.8 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 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

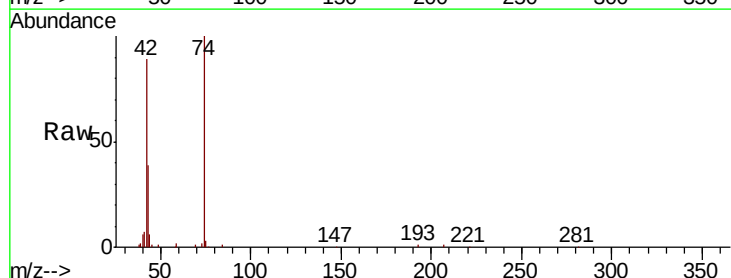
Tgt Ion: 42 Resp: 257115

Ion Ratio Lower Upper

42 100

74 112.7 88.6 132.8

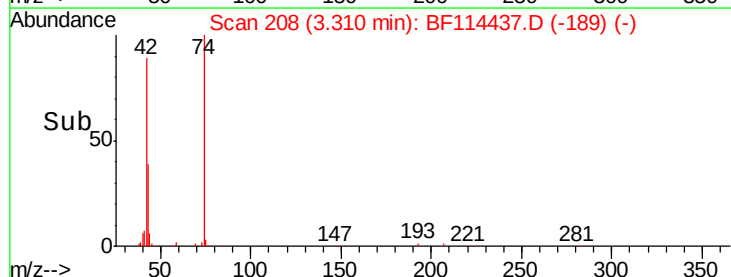
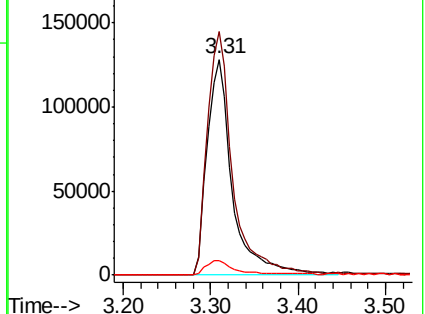
44 6.6 5.5 8.3

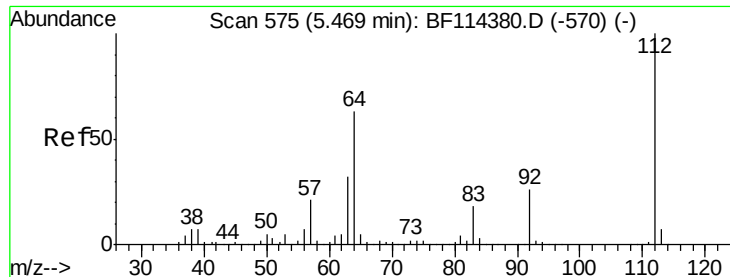


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 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 :

GIS-2MSD

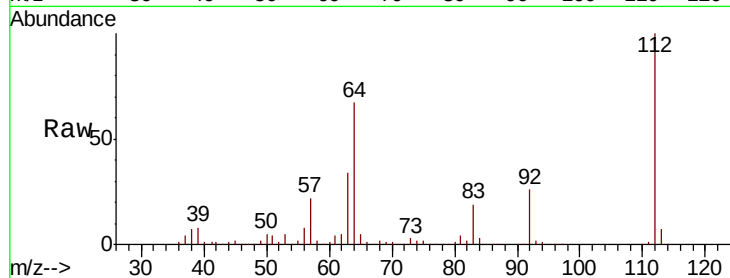
Tot Ion:112 Resp: 1153881

Ion Ratio Lower Upper

112 100

64 66.9 49.0 73.6

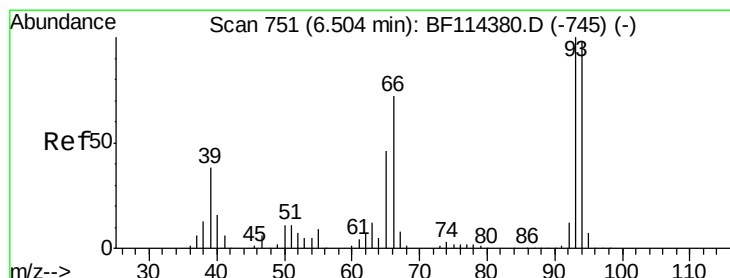
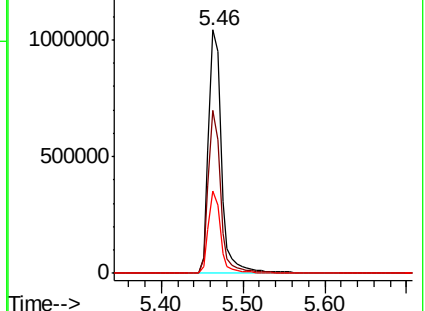
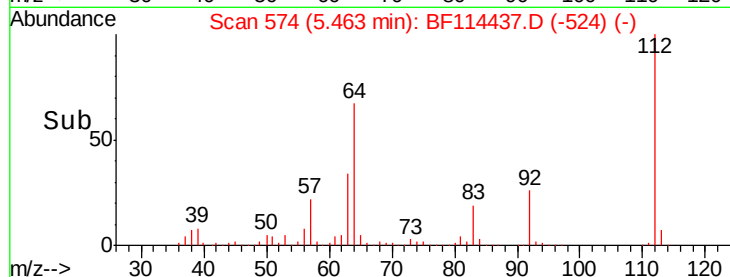
63 34.0 24.6 37.0



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

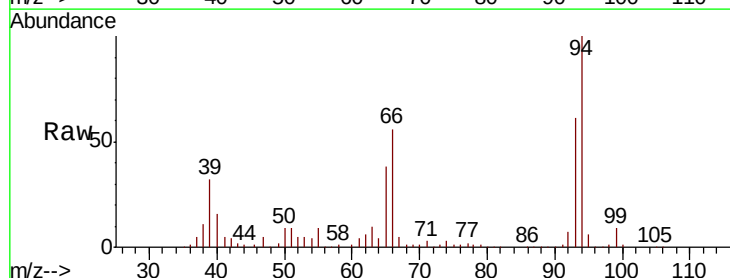
Tgt Ion: 93 Resp: 418212

Ion Ratio Lower Upper

93 100

66 92.9 33.2 49.8#

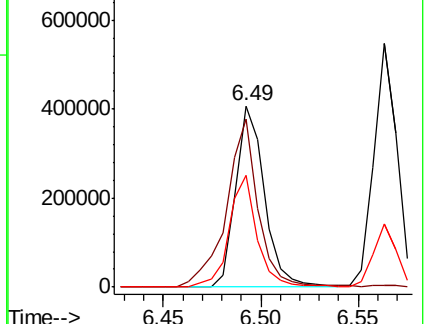
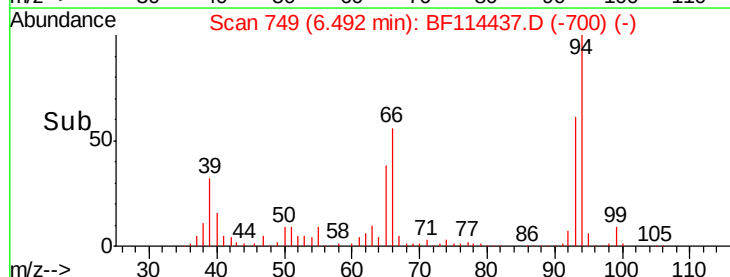
65 61.9 17.6 26.4#

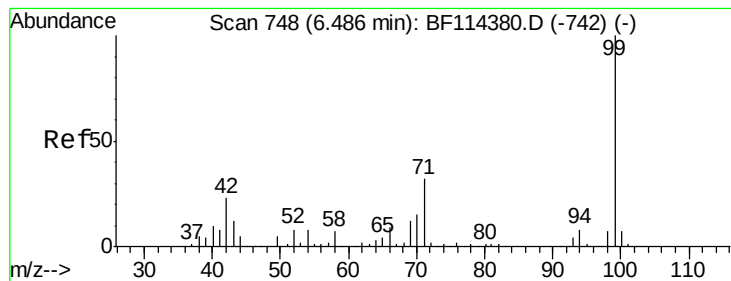


Abundance Ion 93.00 (92.70 to 93.70): BF1

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 :

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ClientSampleId :

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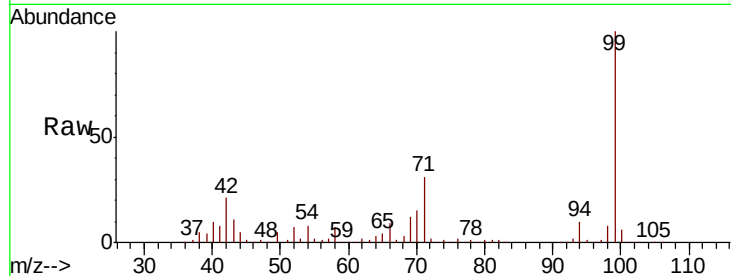
Tot Ion: 99 Resp: 1486649

Ion Ratio Lower Upper

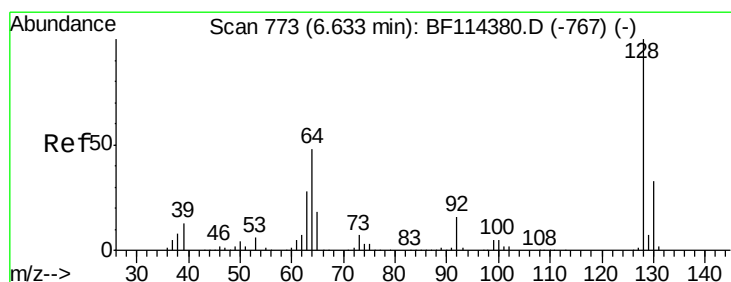
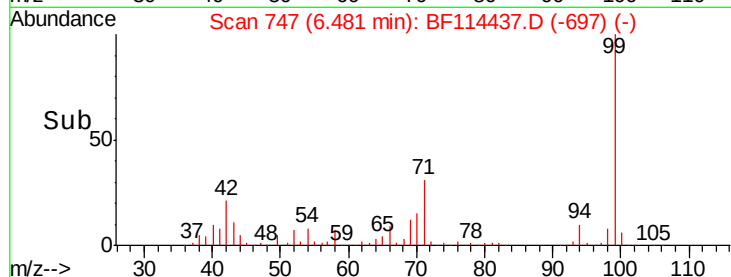
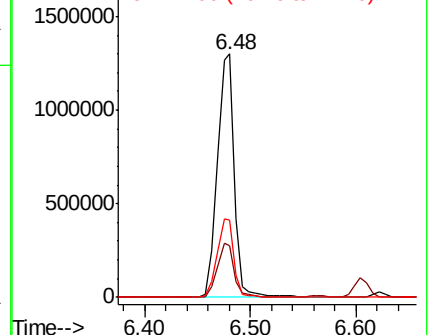
99 100

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

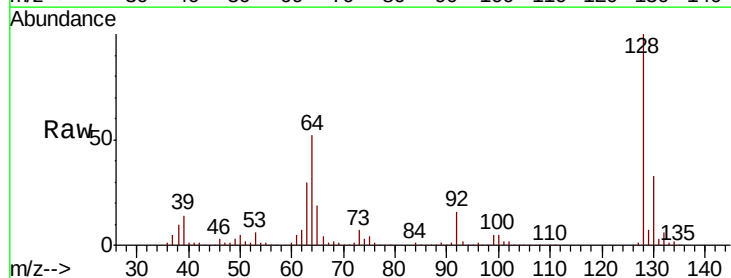
Tgt Ion:128 Resp: 465802

Ion Ratio Lower Upper

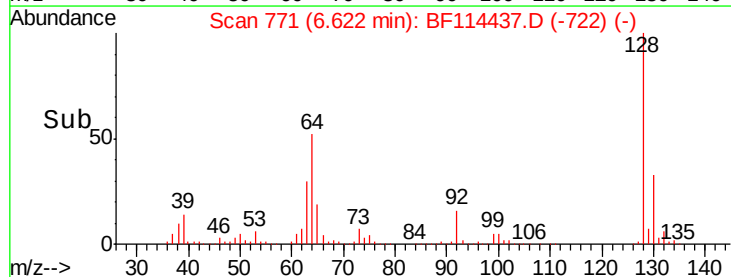
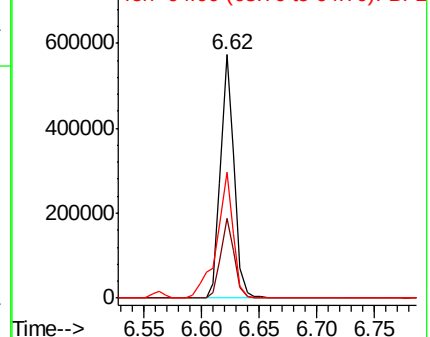
128 100

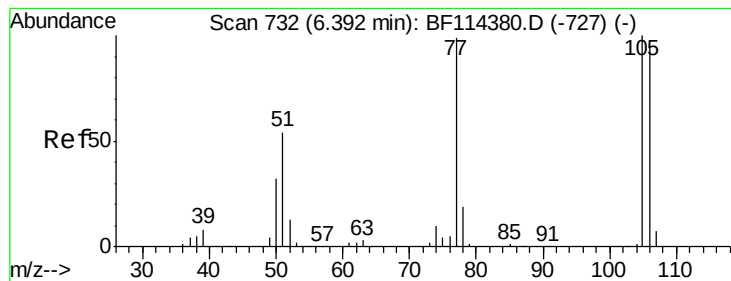
130 32.5 12.6 52.6

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

Acq: 20 May 2019 14:32

Instrument :

BNA_F

ClientSampleId :

GIS-2MSD

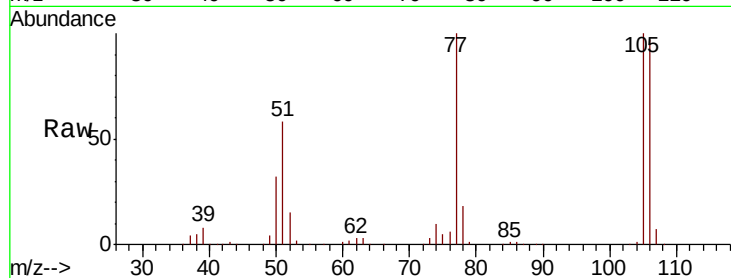
Tot Ion: 77 Resp: 343709

Ion Ratio Lower Upper

77 100

105 100.0 79.3 119.3

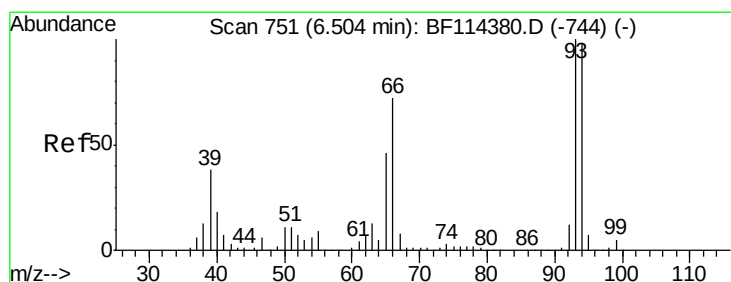
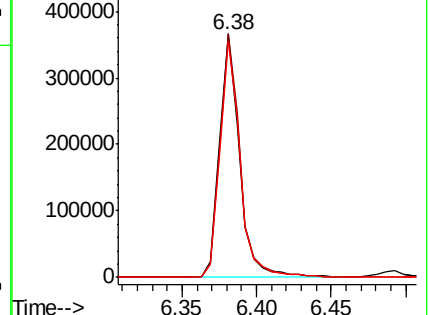
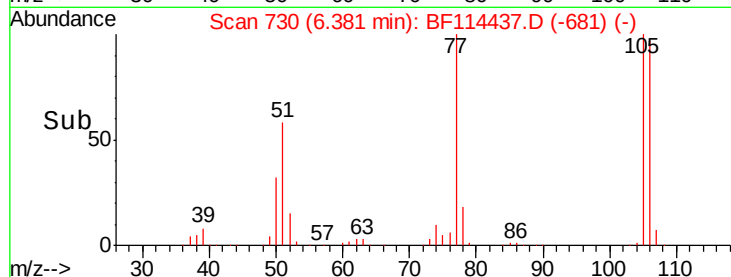
106 97.1 77.0 117.0



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

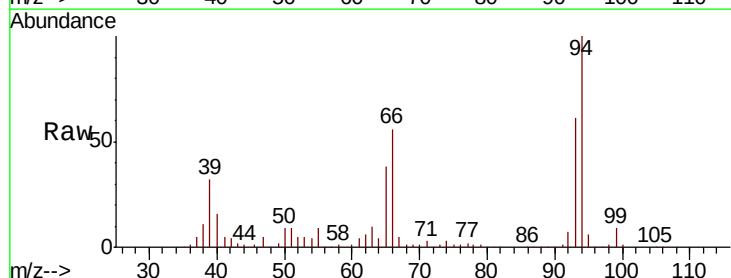
Tgt Ion: 94 Resp: 592761

Ion Ratio Lower Upper

94 100

65 37.6 14.7 54.7

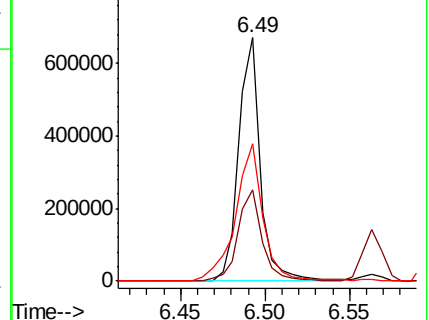
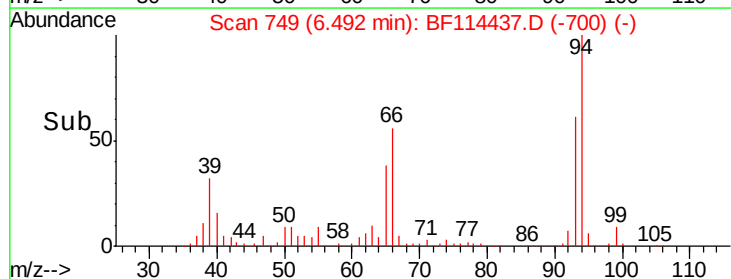
66 56.4 29.6 69.6

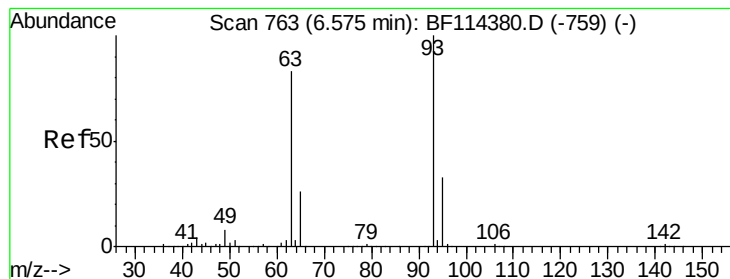


Abundance Ion 94.00 (93.70 to 94.70): BF1

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 :

GIS-2MSD

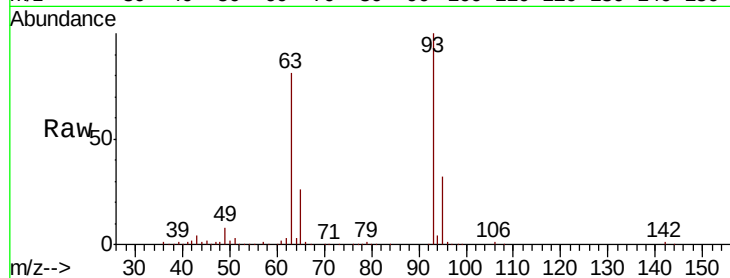
Tot Ion: 93 Resp: 447190

Ion Ratio Lower Upper

93 100

63 81.5 63.6 103.6

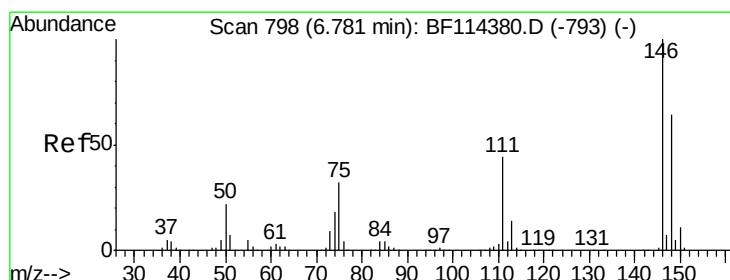
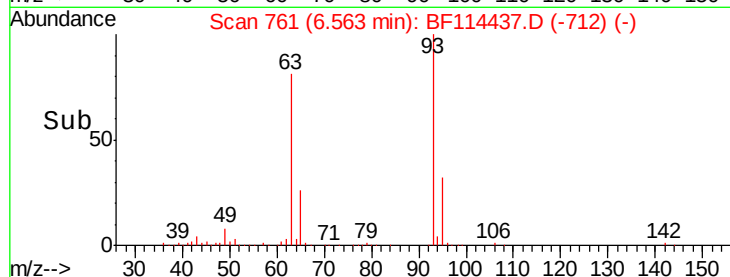
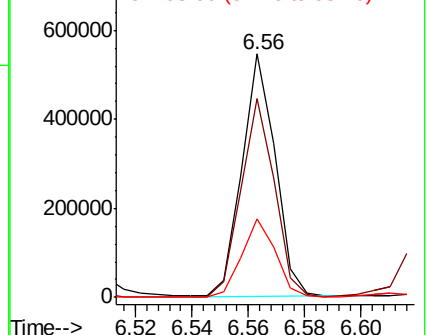
95 32.2 13.1 53.1



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

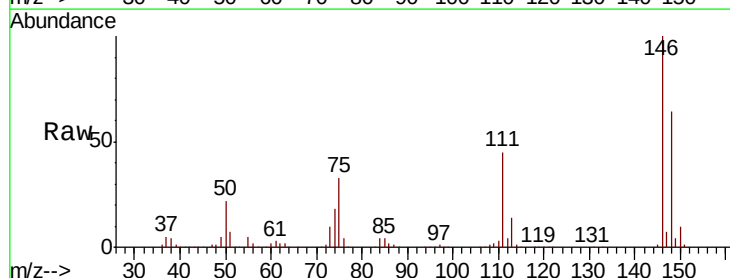
Tgt Ion: 146 Resp: 478624

Ion Ratio Lower Upper

146 100

148 63.5 51.6 77.4

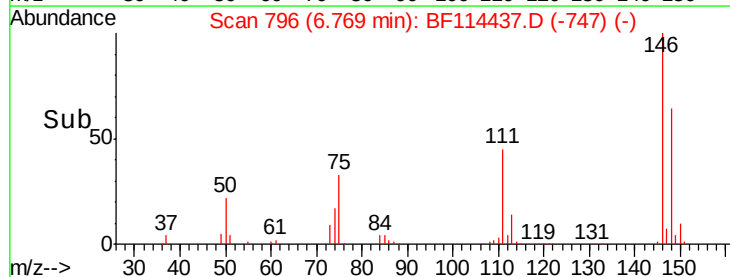
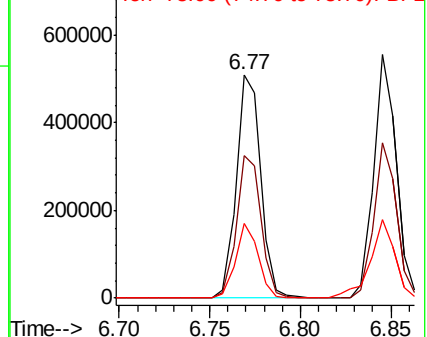
75 33.2 24.2 36.2

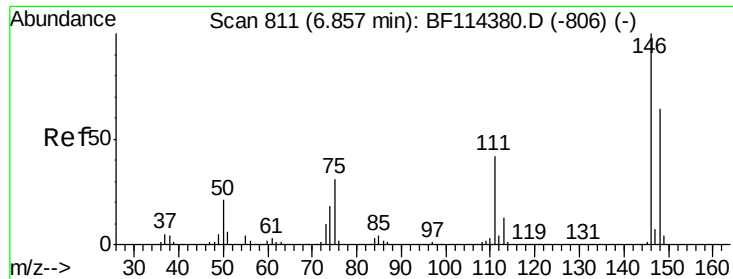


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

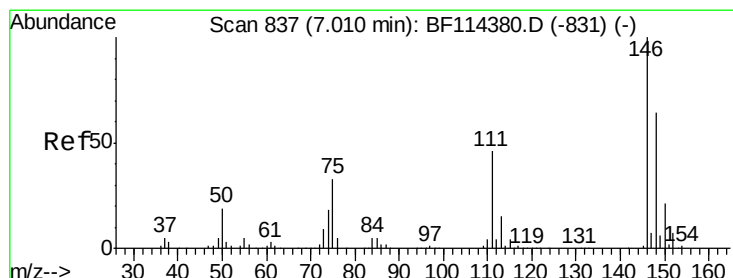
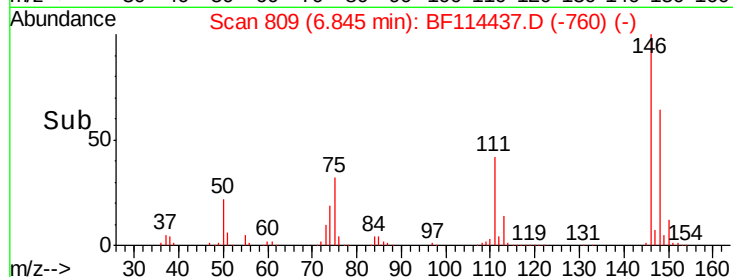
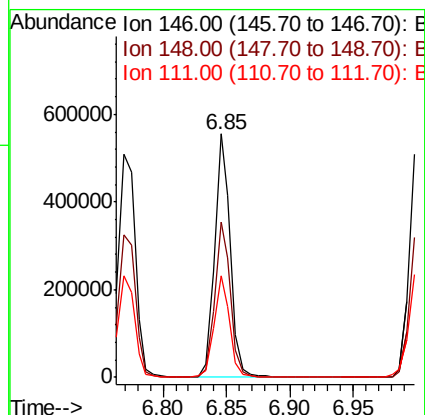
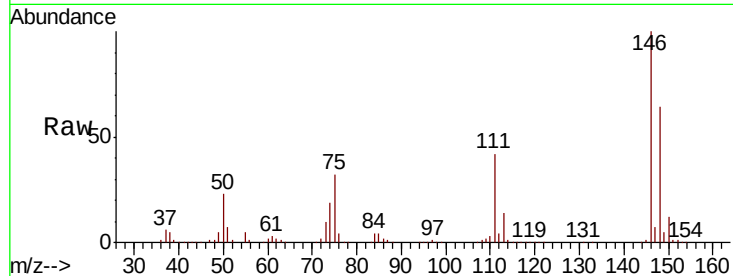




#13
 1,4-Dichlorobenzene
 Concen: 34.191 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

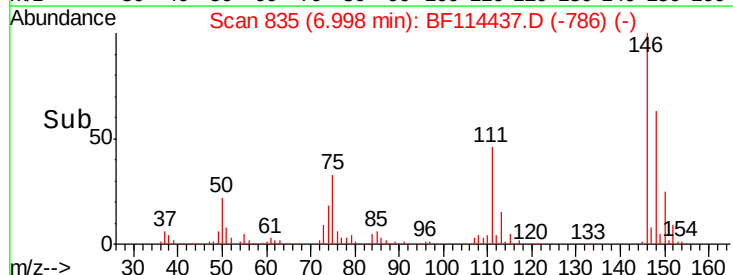
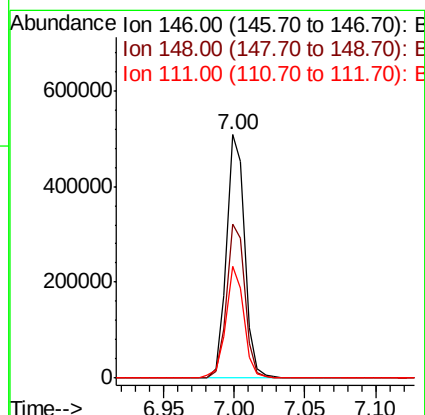
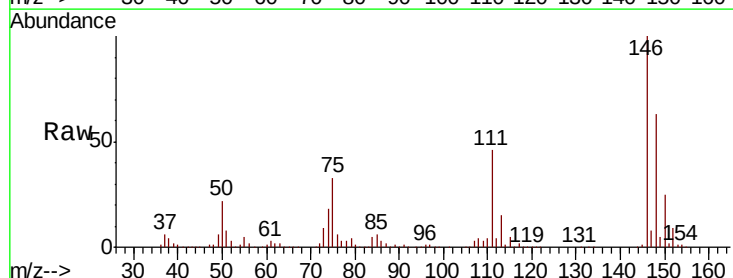
Instrument :
 BNA_F
 ClientSampleId :
 GIS-2MSD

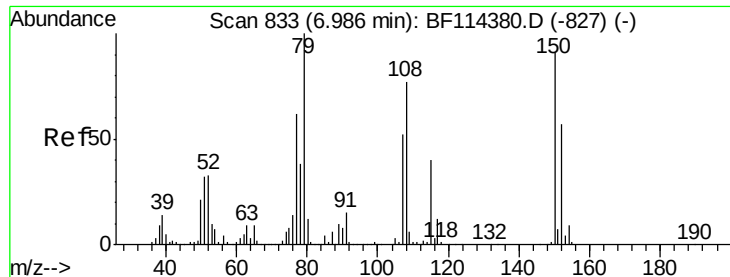
Tot Ion:146 Resp: 486108
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.2 75.2
 111 42.0 35.8 53.6



#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





#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

ClientSampled :

GIS-2MSD

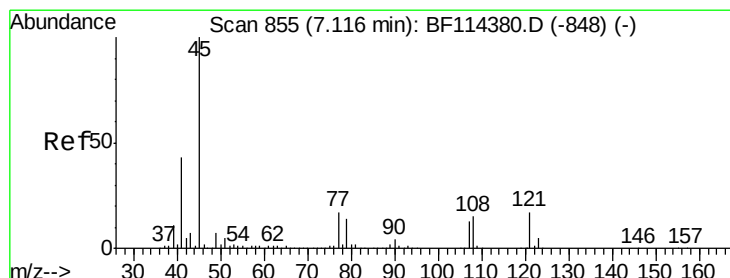
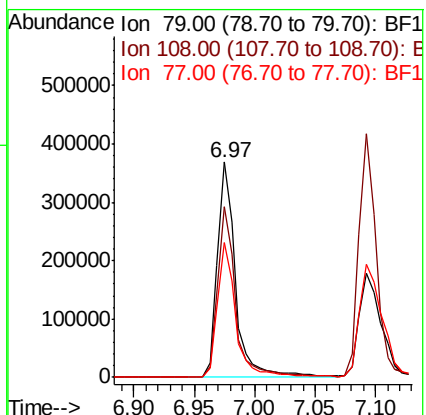
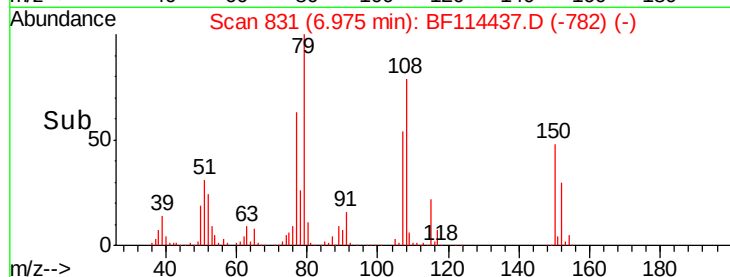
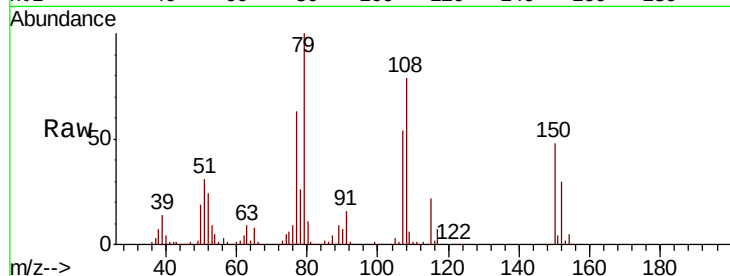
Tot Ion: 79 Resp: 381693

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

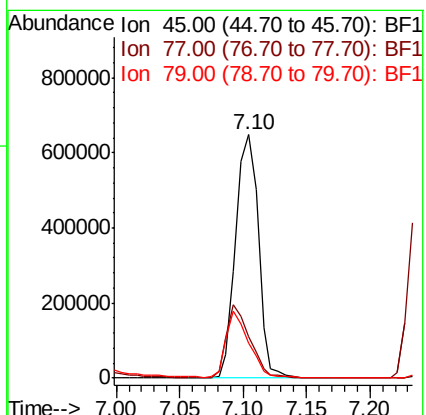
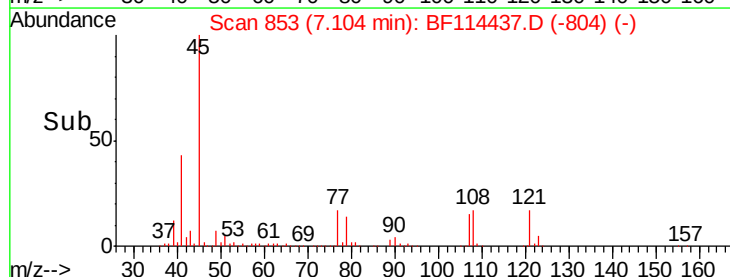
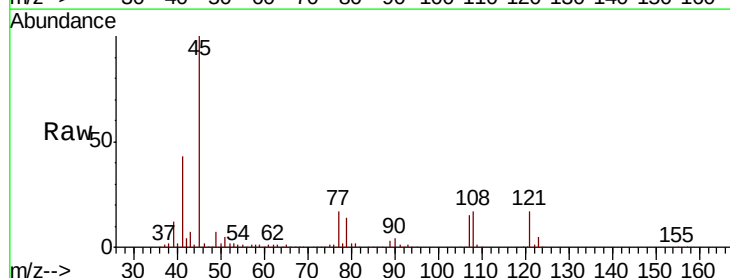
Tgt Ion: 45 Resp: 802147

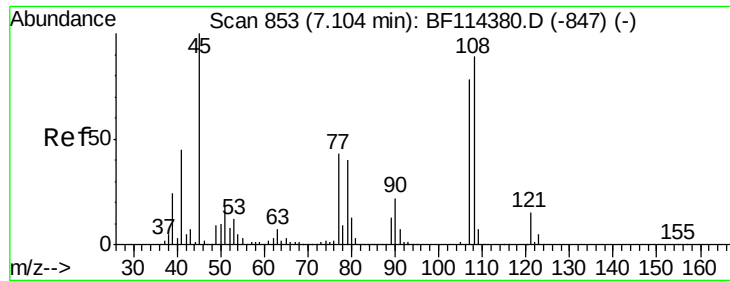
Ion Ratio Lower Upper

45 100

77 17.0 0.0 31.1

79 14.4 0.0 28.4

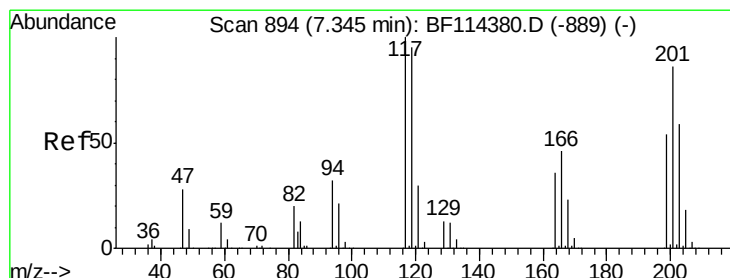
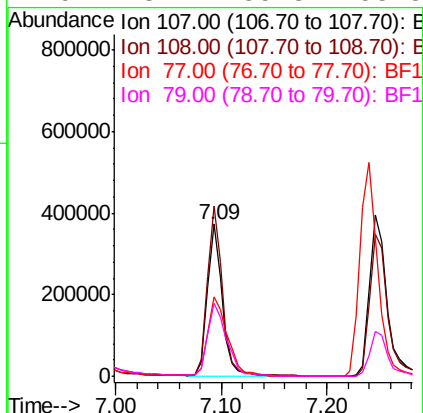
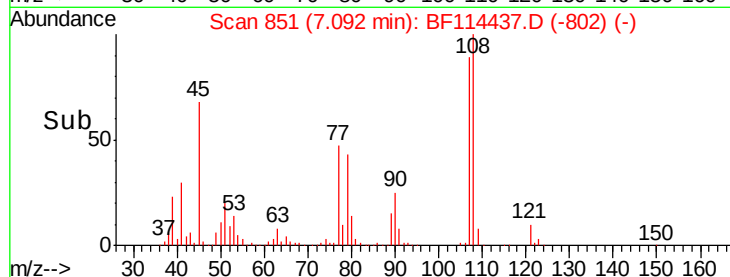
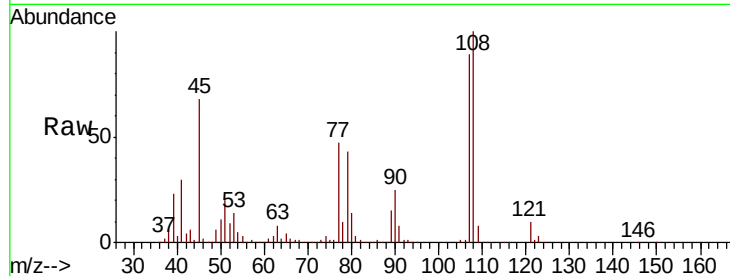




#17
2-Methylphenol
Concen: 35.378 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

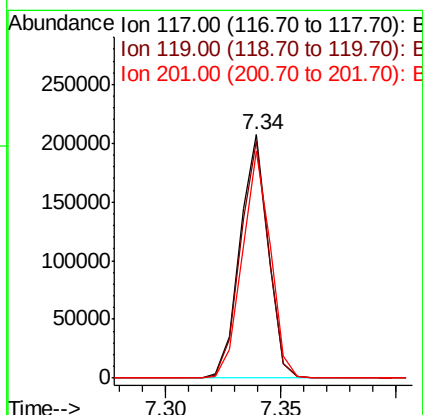
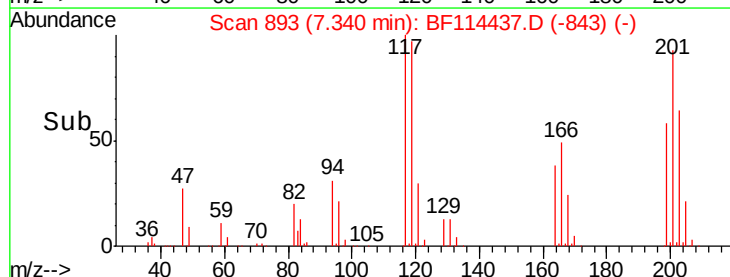
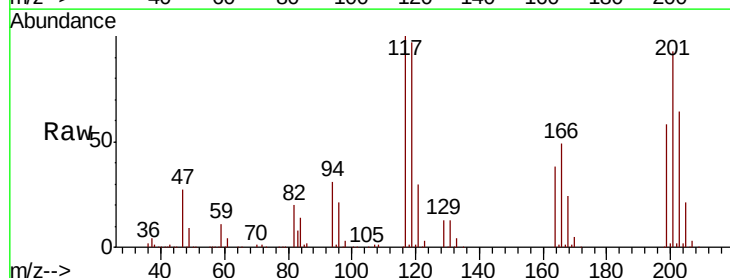
Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

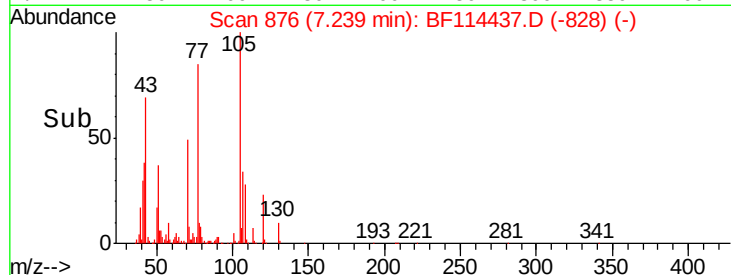
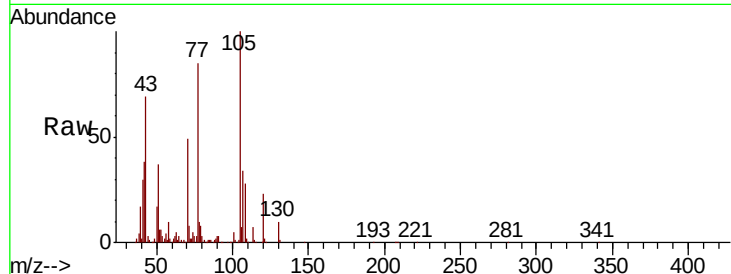
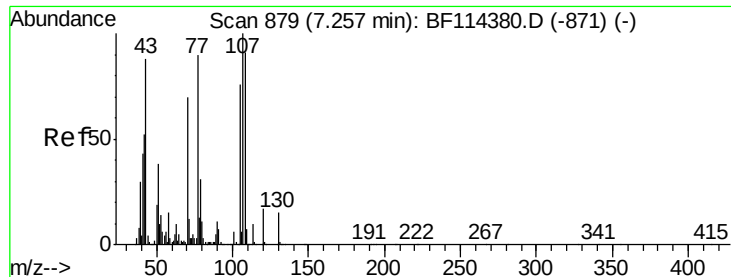
Tot Ion:	107	Resp:	365285
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.5	135.7
77	52.2	37.0	55.4
79	48.1	35.8	53.8



#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:	117	Resp:	176857
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.2
201	93.5	74.5	111.7

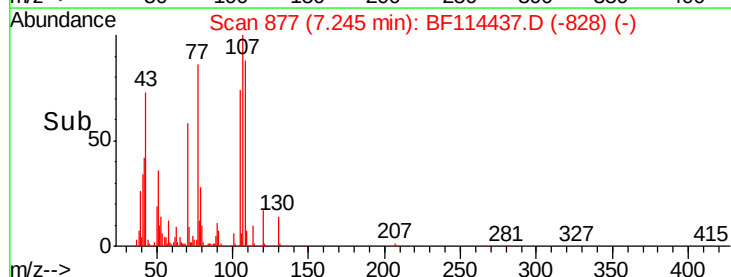
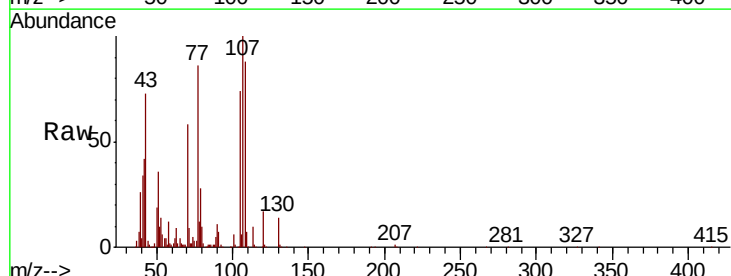
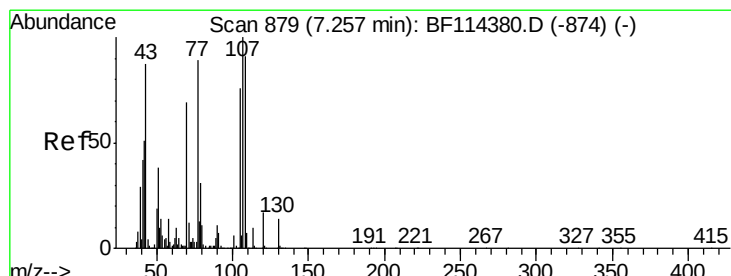
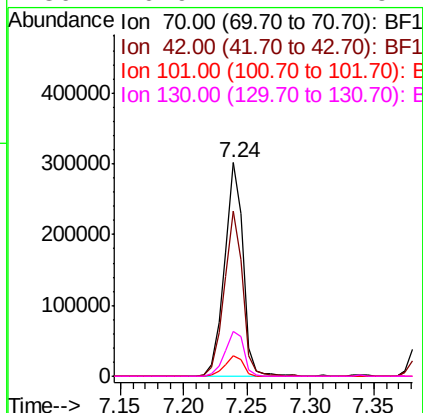




#19
n-Nitroso-di-n-propylamine
Concen: 34.616 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

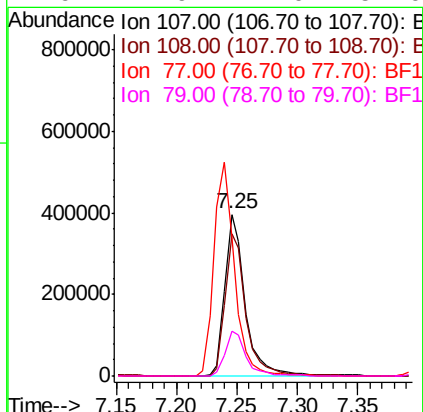
Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

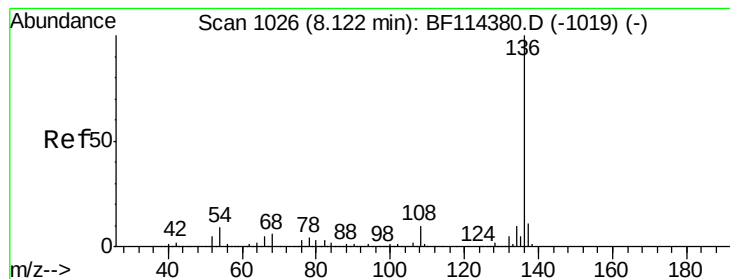
Tot Ion:	70	Resp:	305543
Ion	Ratio	Lower	Upper
70	100		
42	77.2	58.6	87.8
101	9.4	7.8	11.8
130	20.9	17.1	25.7



#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





#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

ClientSampleId :

GIS-2MSD

Tot Ion:136 Resp: 705912

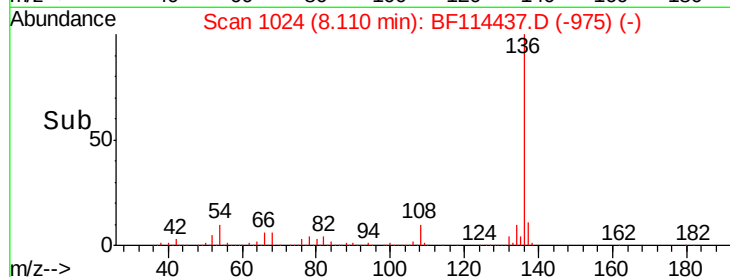
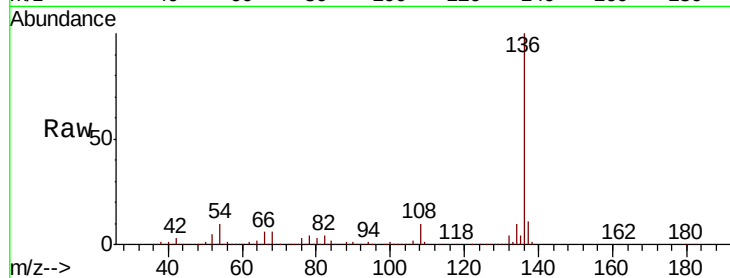
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.1 7.8 11.8

68 6.4 5.1 7.7

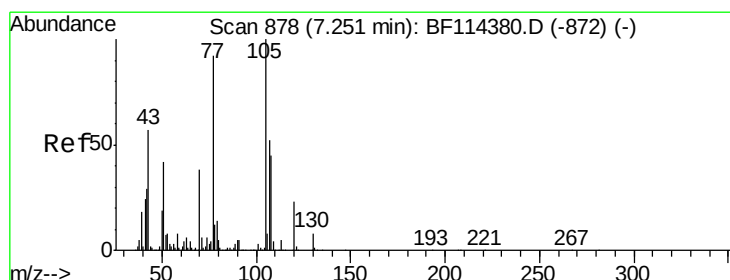
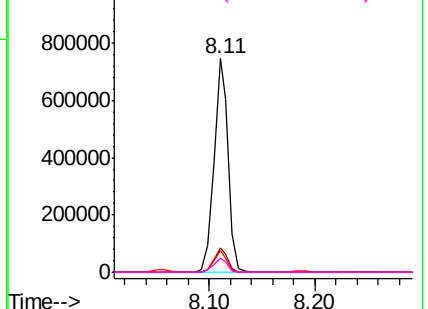


Abundance Ion 136.00 (135.70 to 136.70): E

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

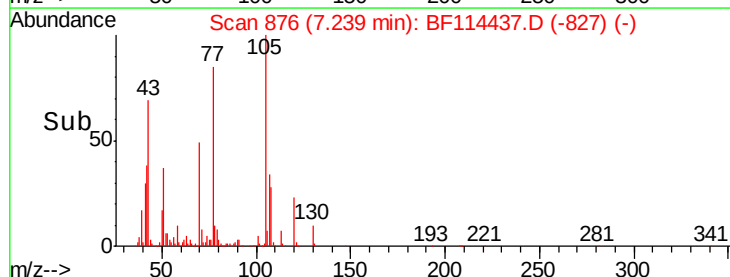
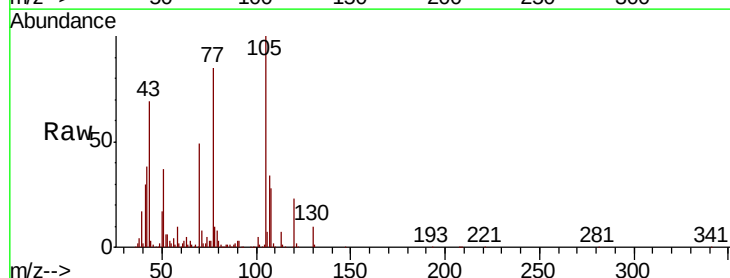
Ion Ratio Lower Upper

105 100

71 8.2 5.3 7.9#

51 36.8 36.2 54.4

120 22.8 18.6 28.0

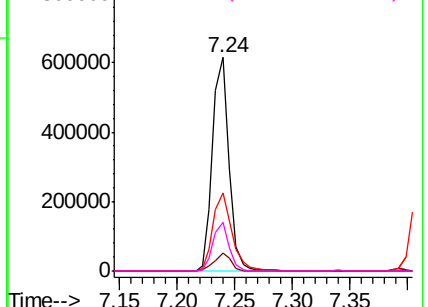


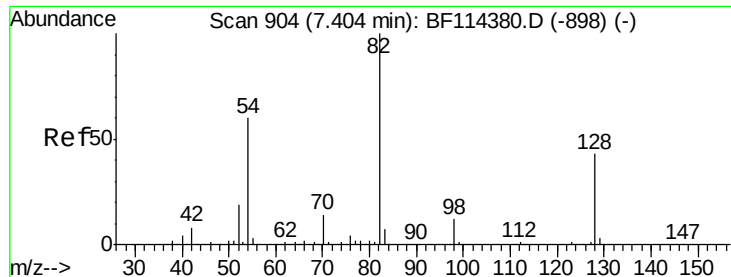
Abundance Ion 105.00 (104.70 to 105.70): E

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

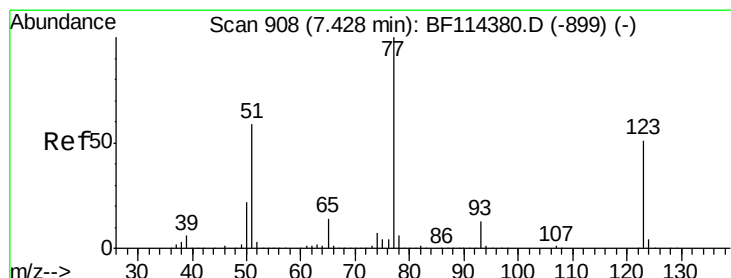
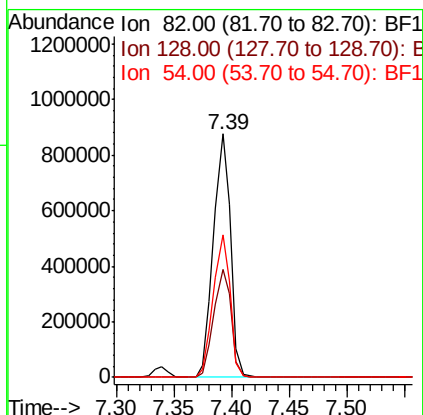
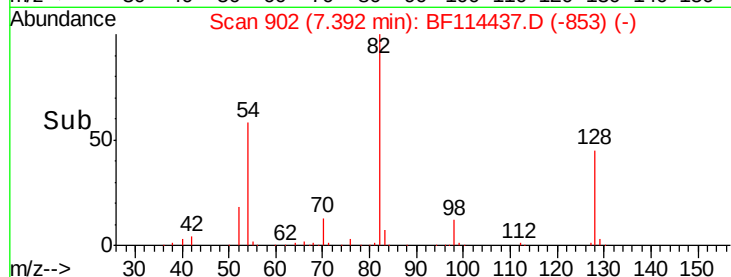
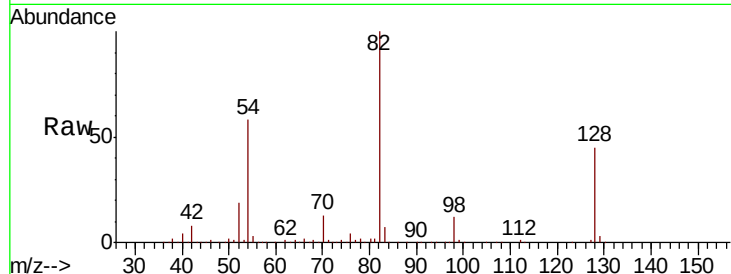




#23
Nitrobenzene-d5
Concen: 72.016 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

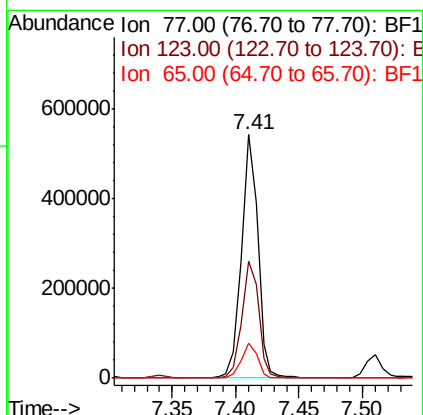
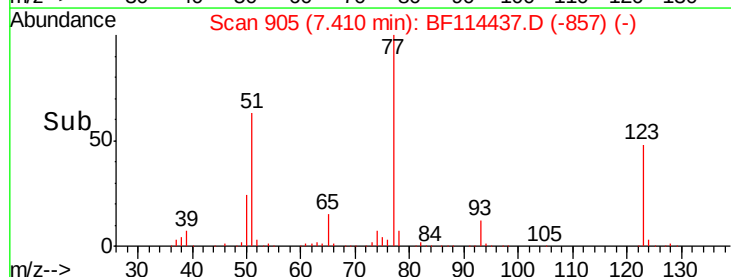
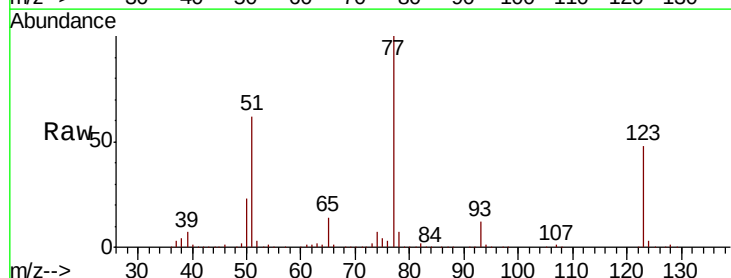
Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

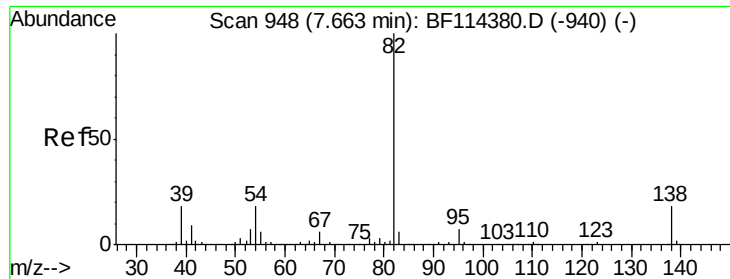
Tot Ion: 82 Resp: 905863
Ion Ratio Lower Upper
82 100
128 44.5 35.5 53.3
54 58.3 48.5 72.7



#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 :

GIS-2MSD

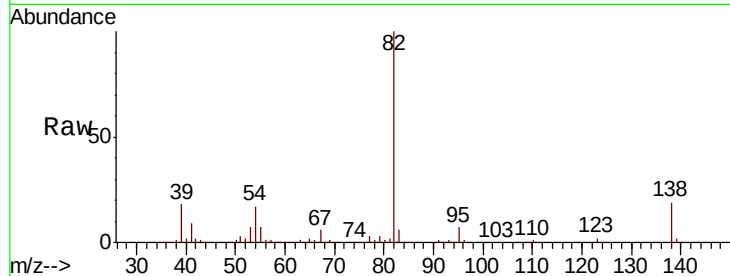
Tot Ion: 82 Resp: 846562

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

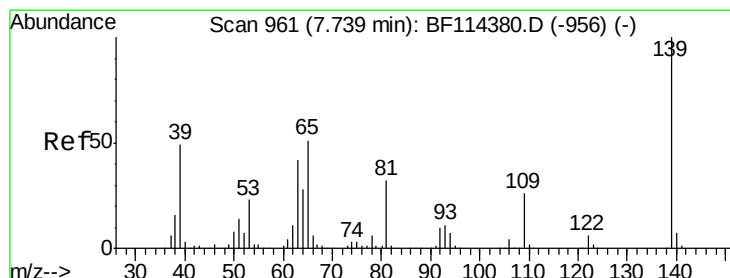
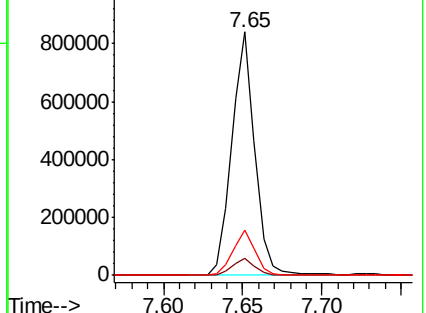
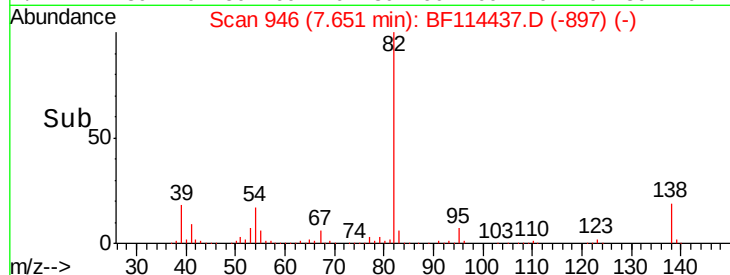
138 18.7 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 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

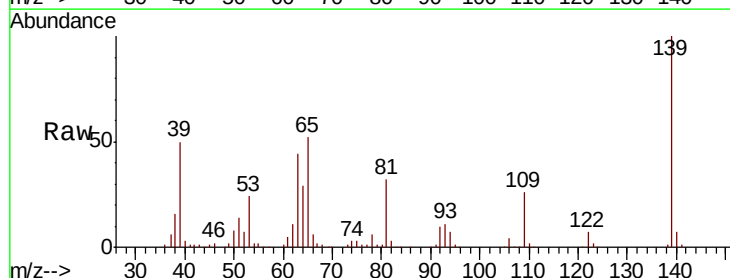
Tgt Ion: 139 Resp: 246807

Ion Ratio Lower Upper

139 100

109 25.8 20.7 31.1

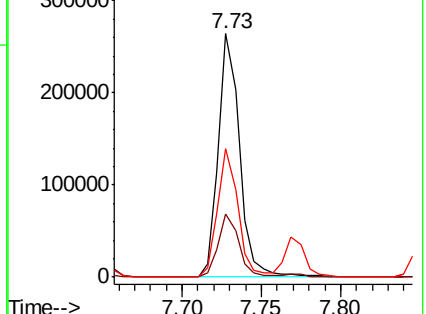
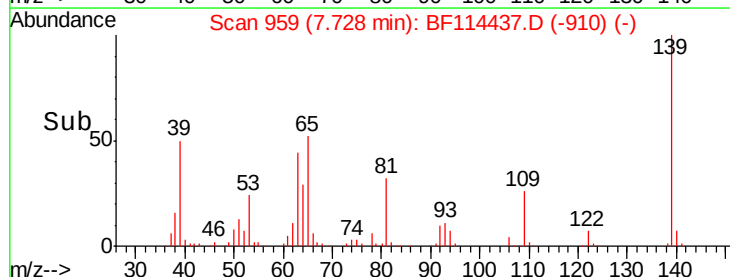
65 52.5 40.2 60.2

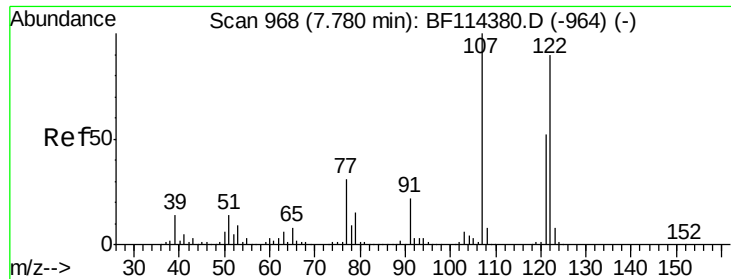


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

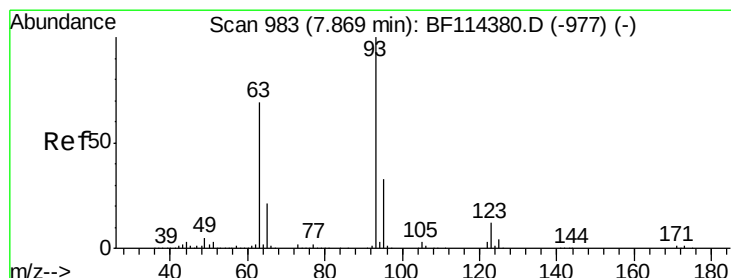
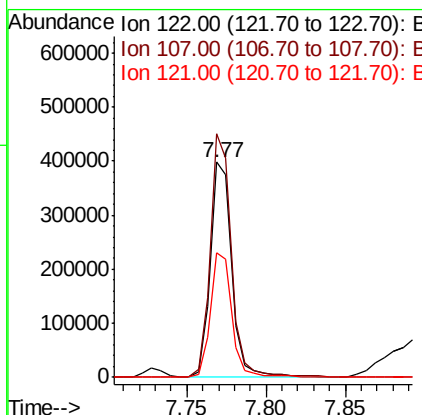
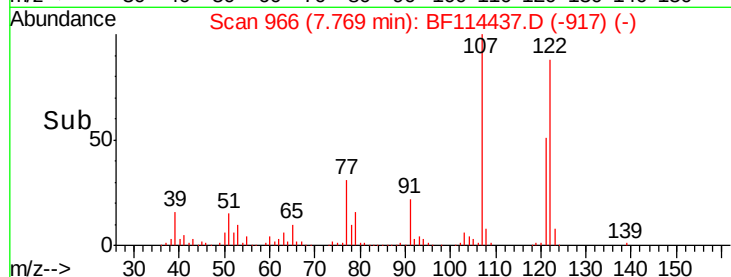
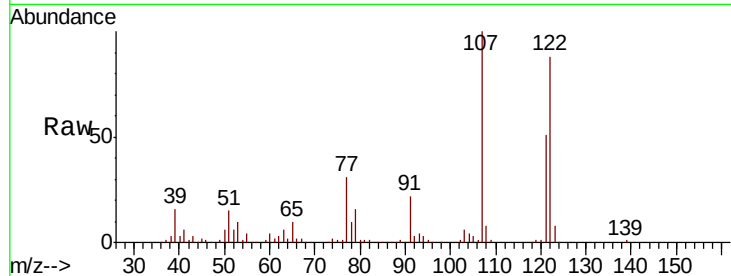




#27
 2,4-Dimethylphenol
 Concen: 38.630 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

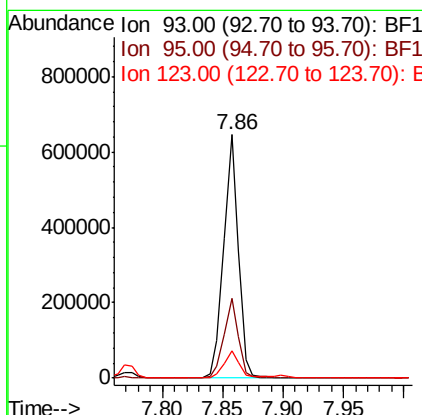
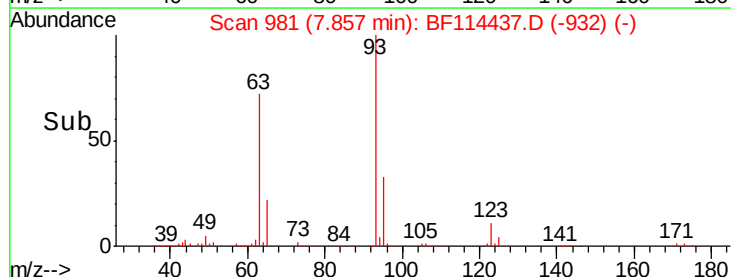
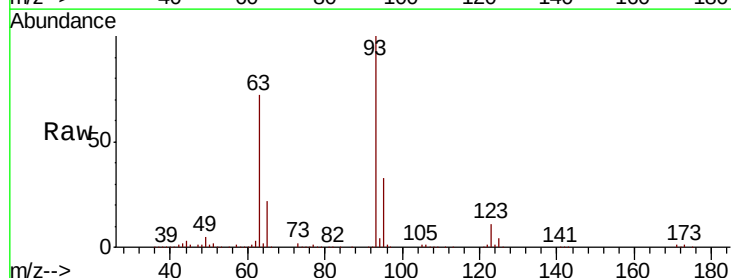
Instrument :
 BNA_F
 ClientSampleId :
 GIS-2MSD

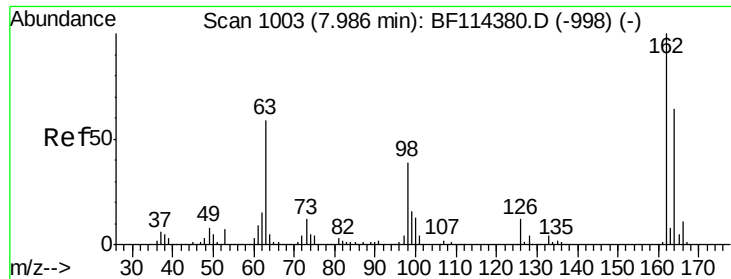
Tot Ion:122 Resp: 377113
 Ion Ratio Lower Upper
 122 100
 107 113.2 88.4 132.6
 121 58.0 45.9 68.9



#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

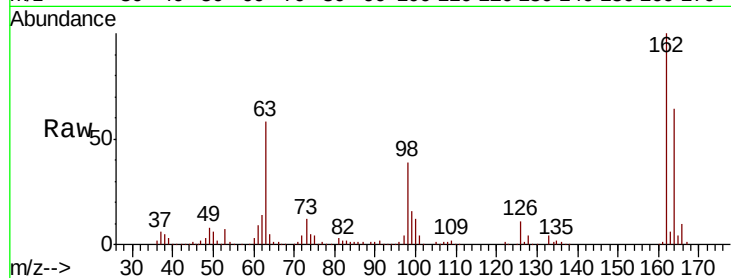




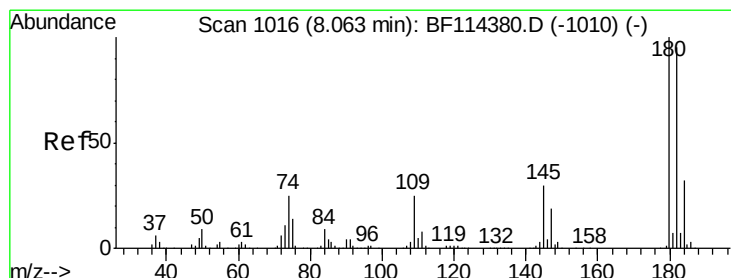
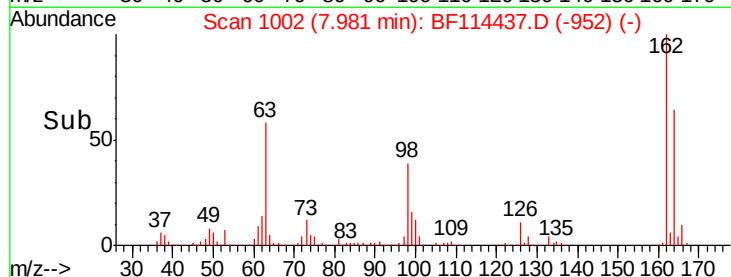
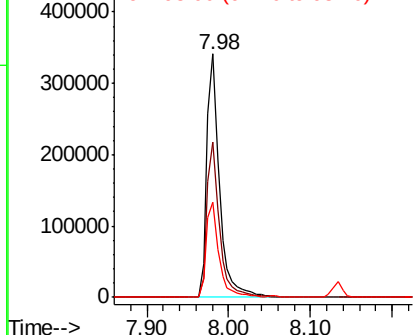
#29
2,4-Dichlorophenol
Concen: 37.899 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

Tot Ion:162 Resp: 368408
Ion Ratio Lower Upper
162 100
164 63.7 43.6 83.6
98 38.9 20.6 60.6

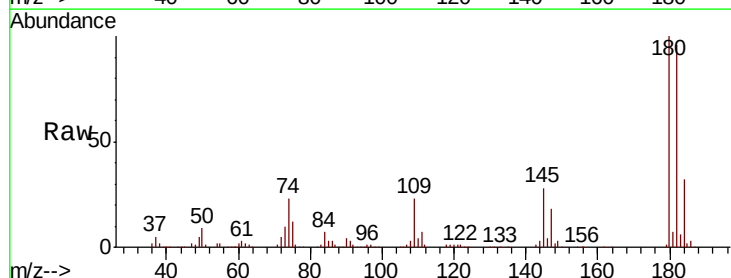


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

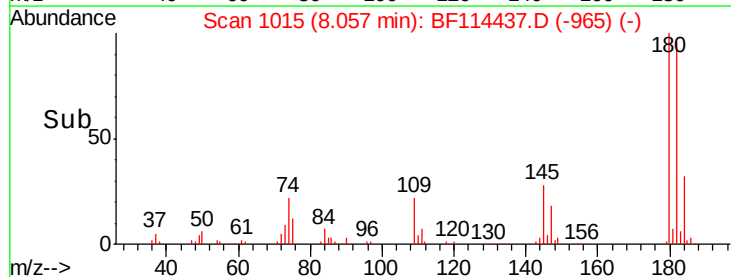
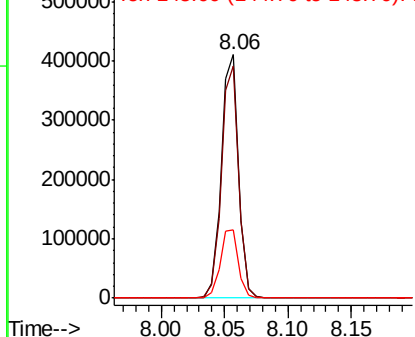


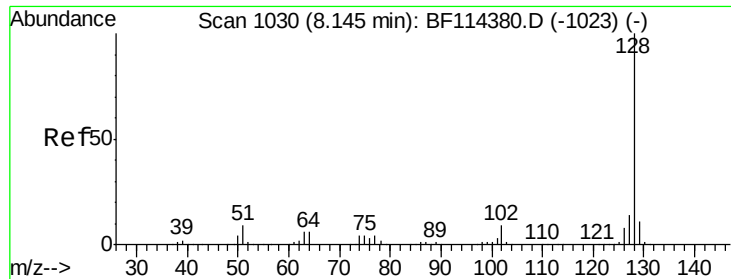
#30
1,2,4-Trichlorobenzene
Concen: 35.511 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion:180 Resp: 392526
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

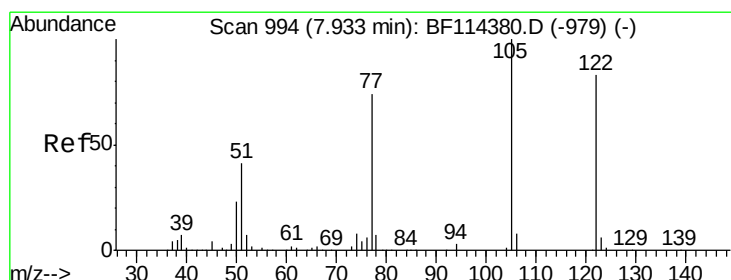
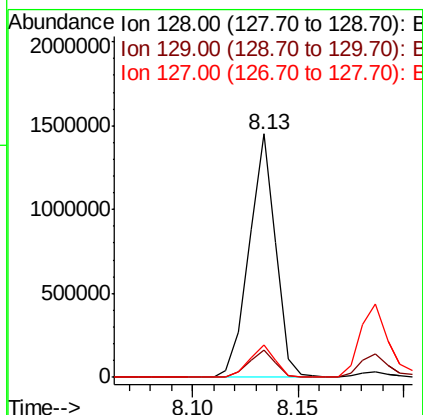
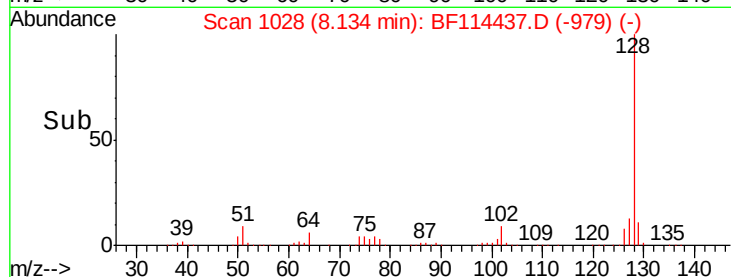
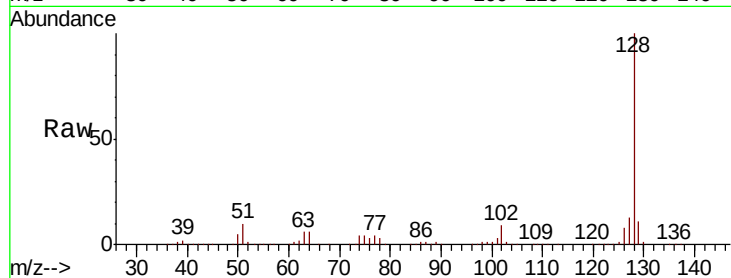




#31
Naphthalene
Concen: 38.379 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

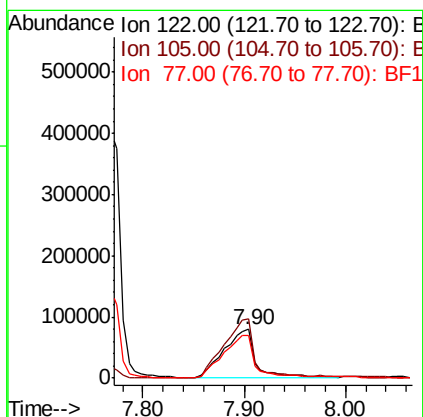
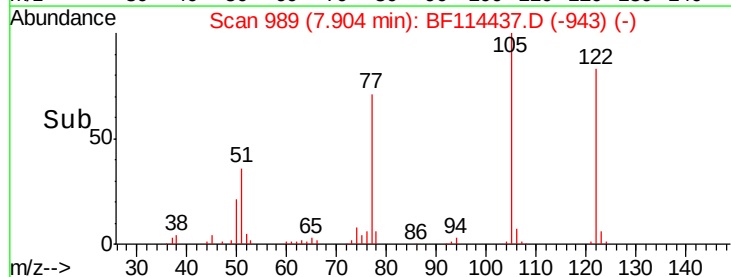
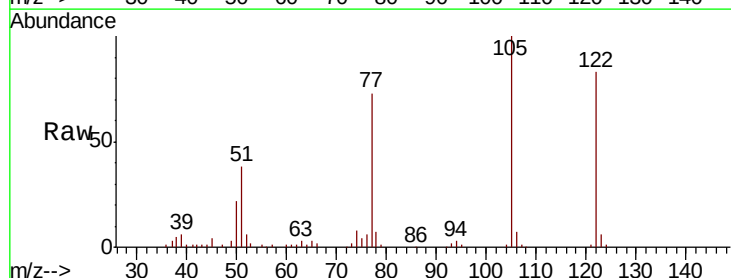
Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

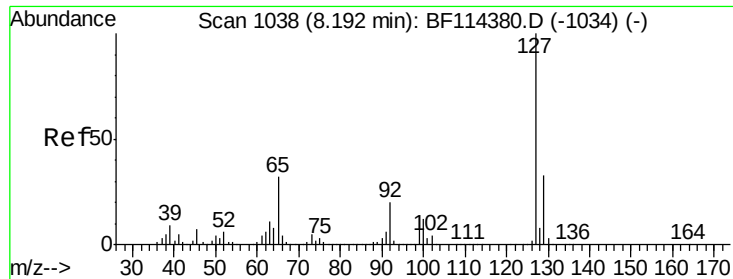
Tot Ion:128 Resp: 1265531
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 13.4 11.3 16.9



#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

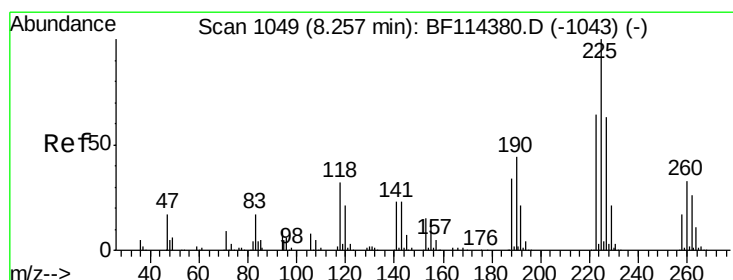
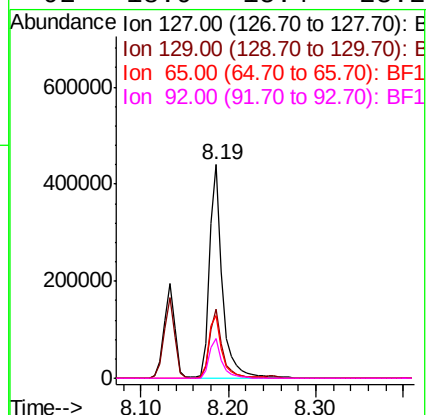
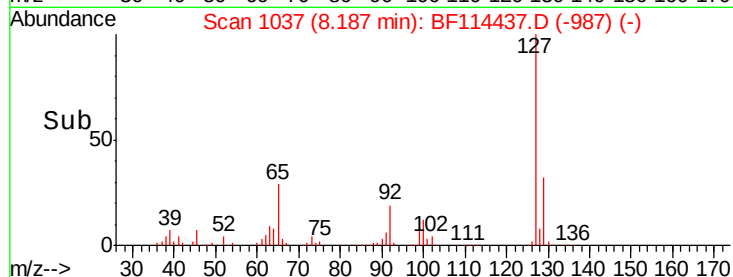
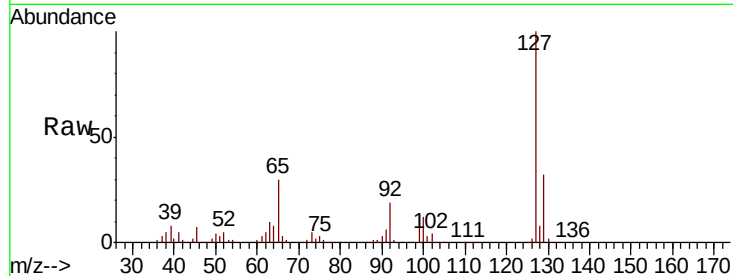




#33
4-Chloroaniline
Concen: 29.711 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

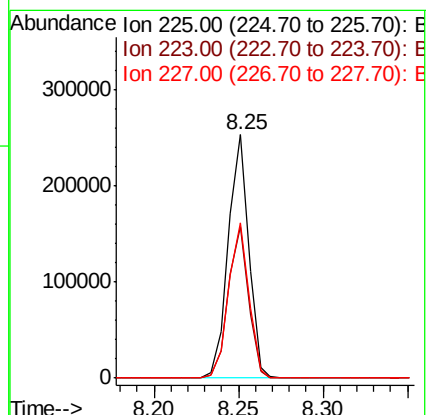
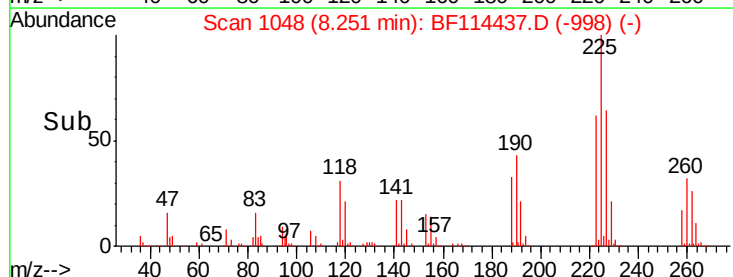
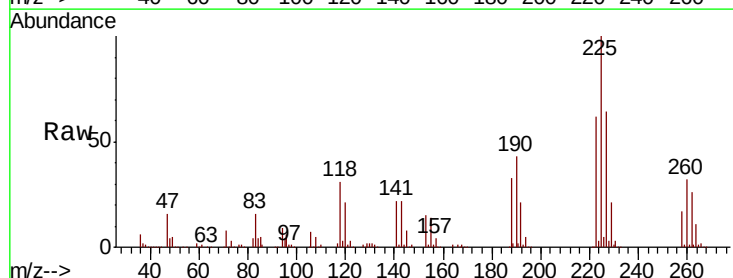
Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

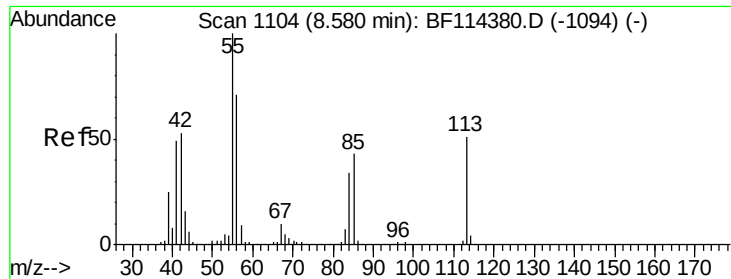
Tot Ion:	127	Resp:	446449
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.7	40.1
65	29.6	25.4	38.0
92	18.9	15.4	23.2



#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

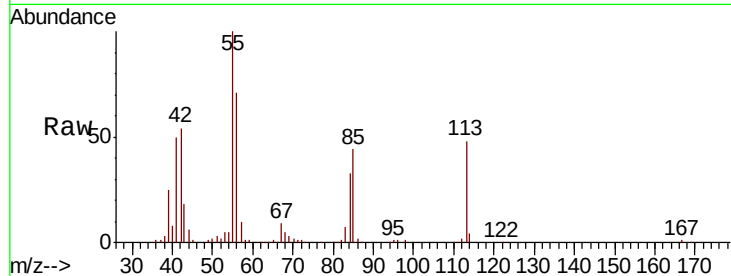




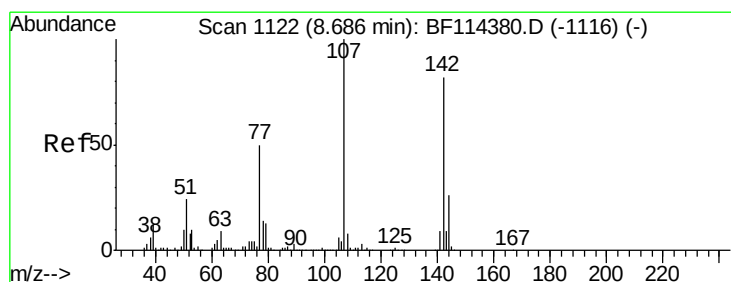
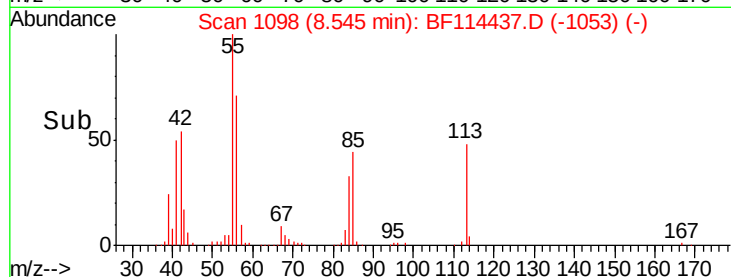
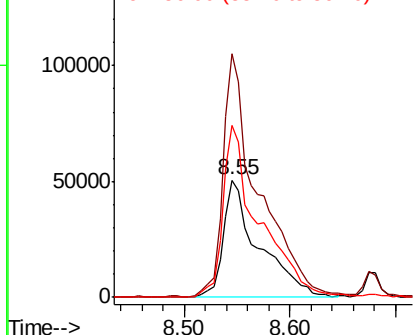
#35
 Caprolactam
 Concen: 37.227 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.04 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 GIS-2MSD

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

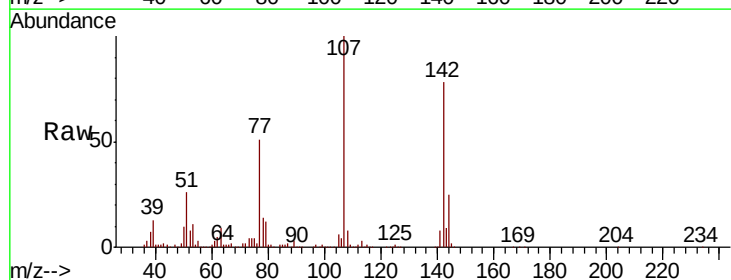


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

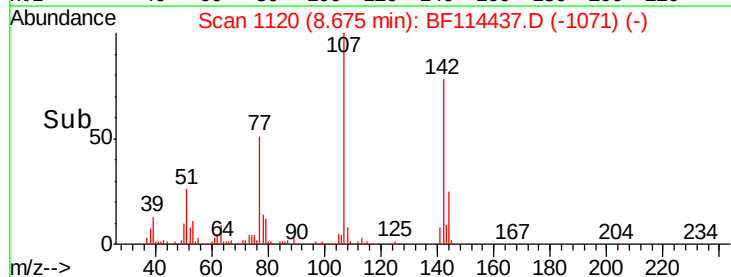
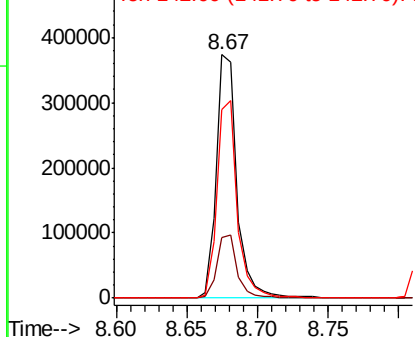


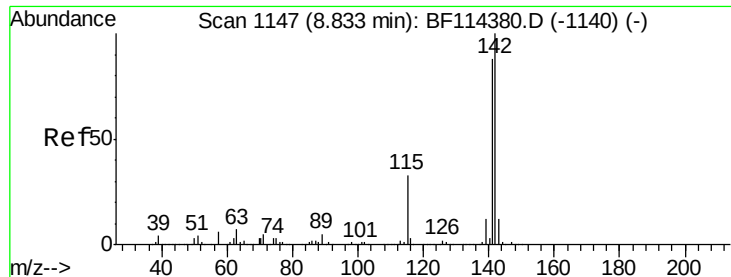
#36
 4-Chloro-3-methylphenol
 Concen: 38.868 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

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

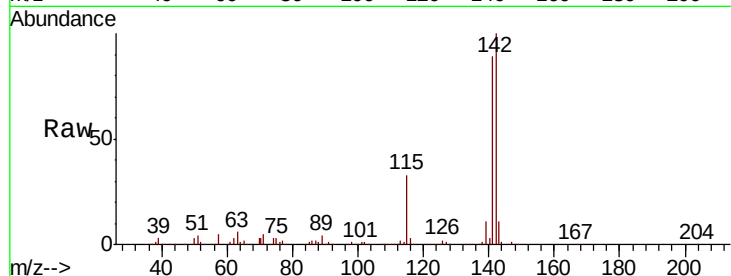




#37
 2-Methylnaphthalene
 Concen: 38.176 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 GIS-2MSD

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

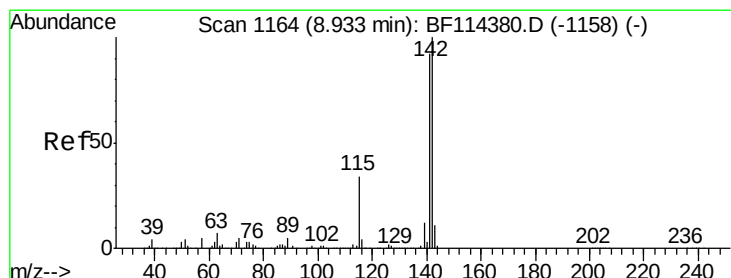
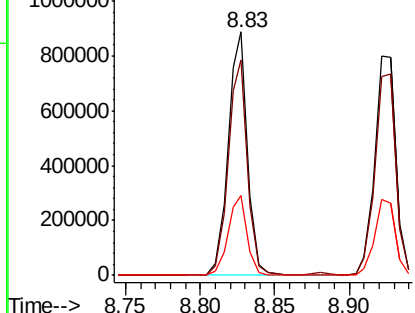
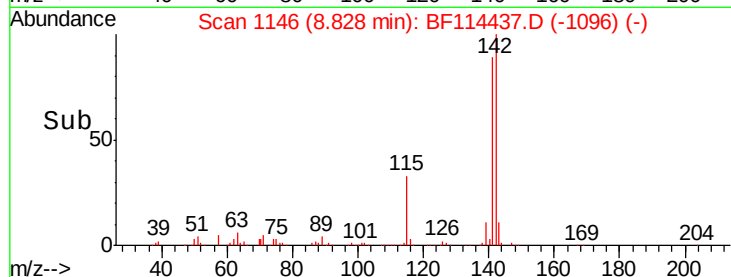


Abundance

Ion 142.00 (141.70 to 142.70): E

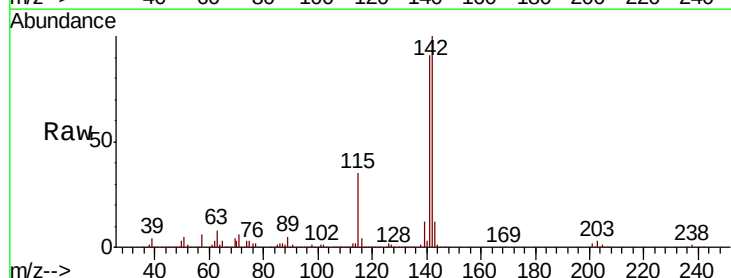
Ion 141.00 (140.70 to 141.70): E

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	Ratio	Lower	Upper
142	100		
141	91.1	73.4	110.0
116	3.6	3.1	4.7

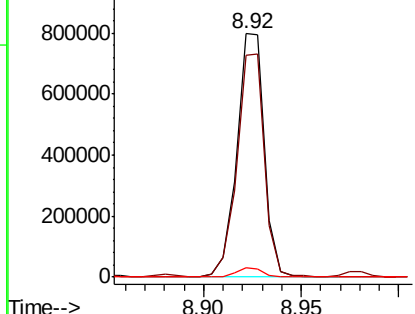
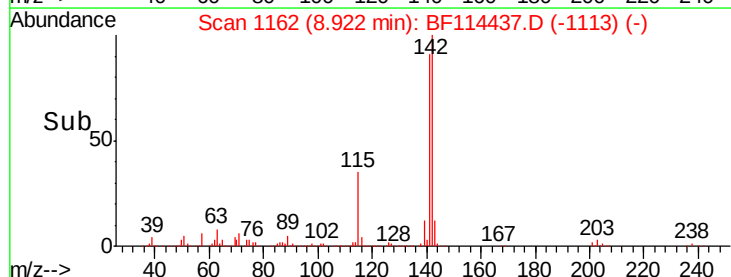


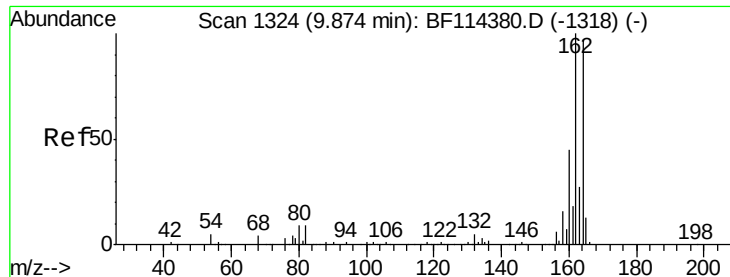
Abundance

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

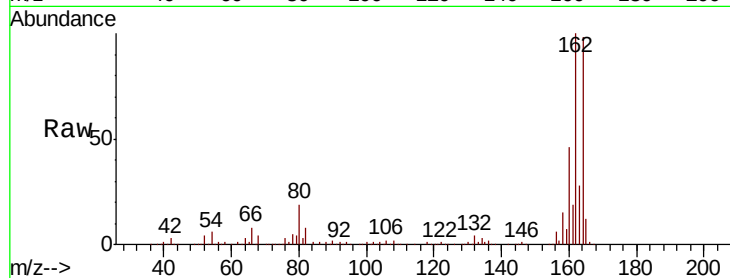




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

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

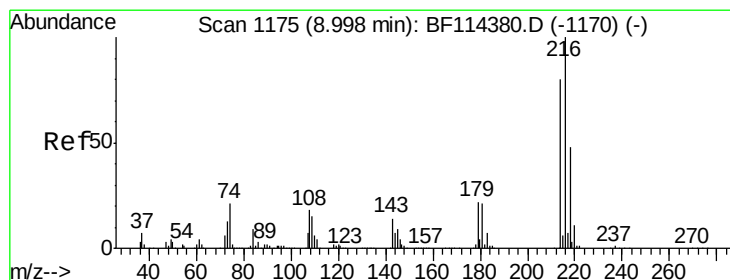
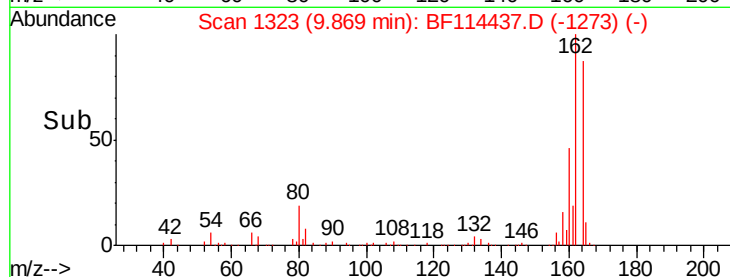
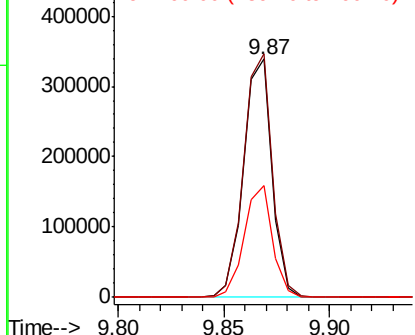


Abundance

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

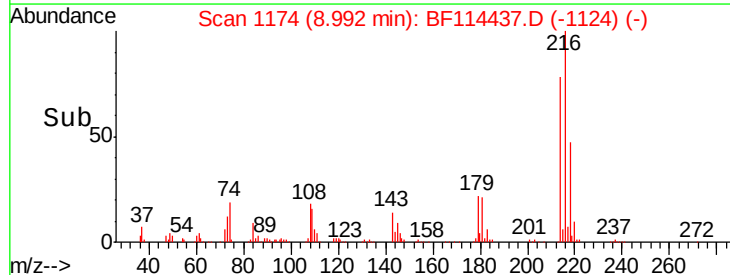
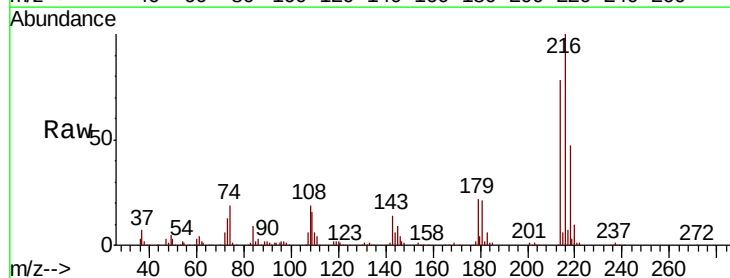
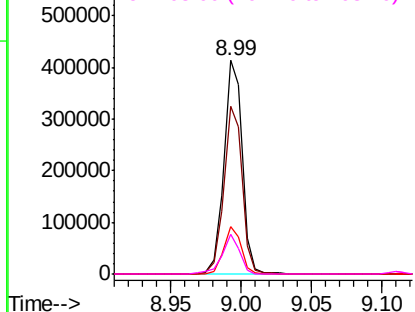
Abundance

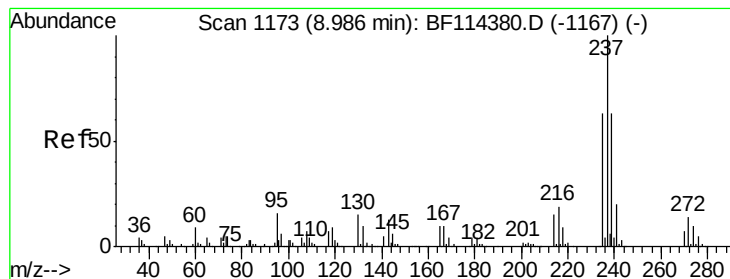
Ion 216.00 (215.70 to 216.70): E

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 :

GIS-2MSD

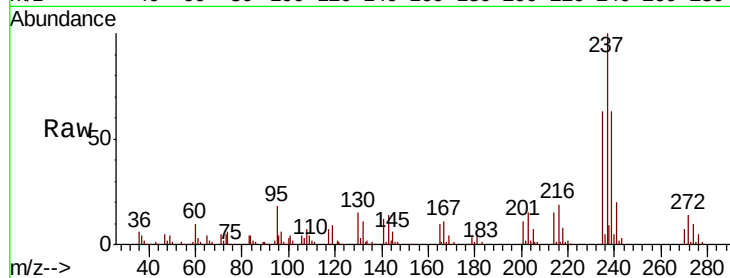
Tot Ion:237 Resp: 116859

Ion Ratio Lower Upper

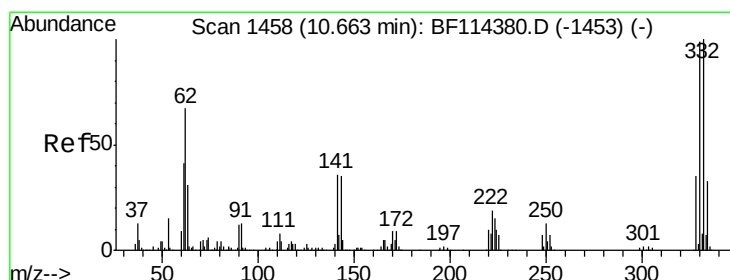
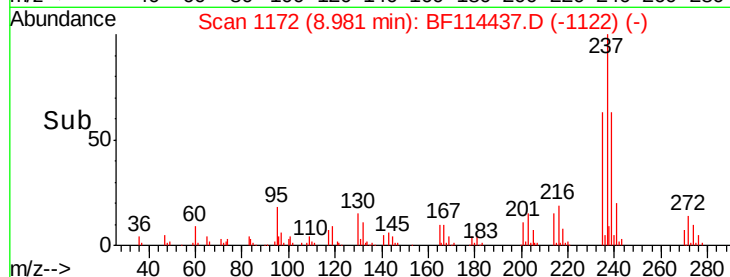
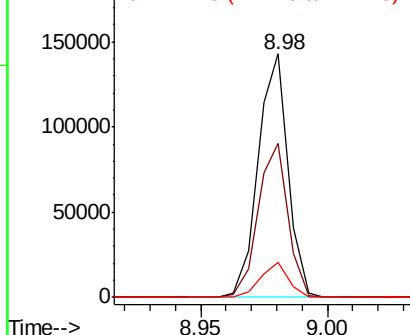
237 100

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

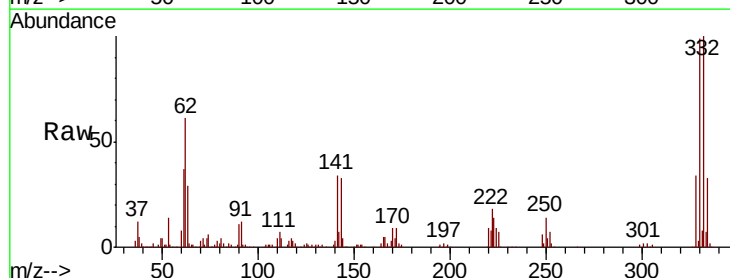
Tgt Ion:330 Resp: 299955

Ion Ratio Lower Upper

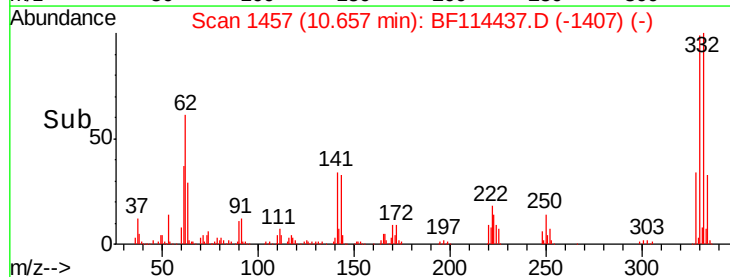
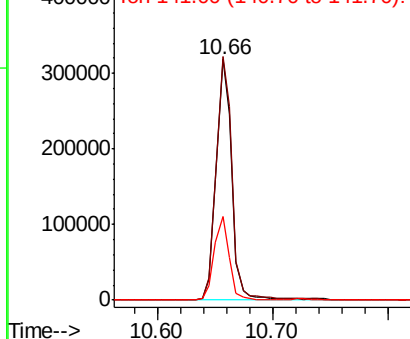
330 100

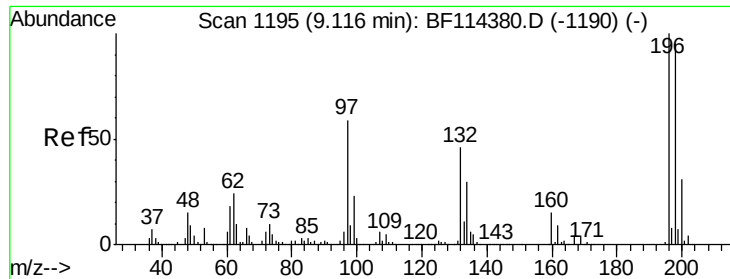
332 102.1 81.4 122.2

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

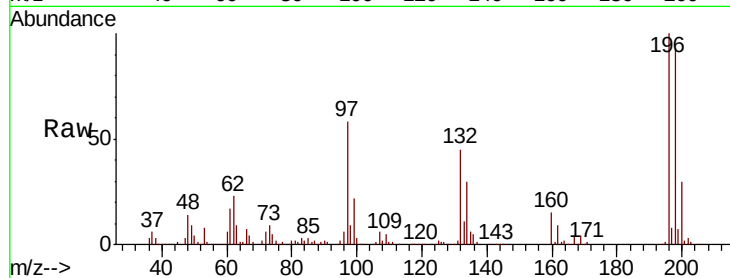




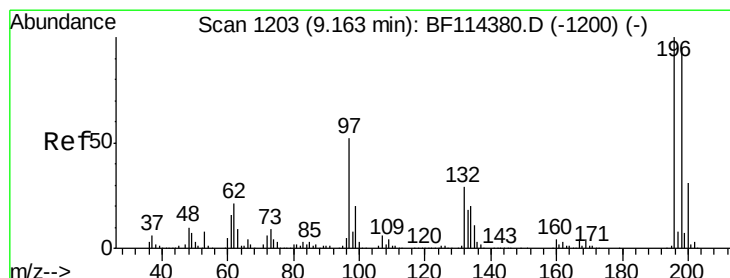
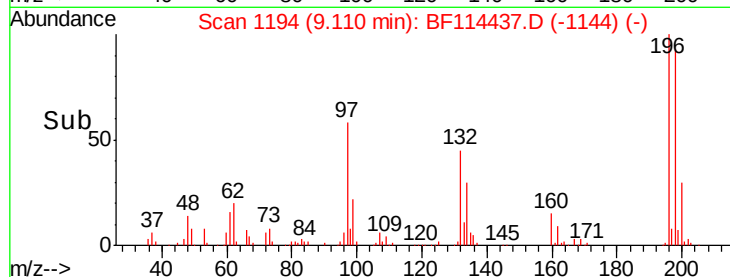
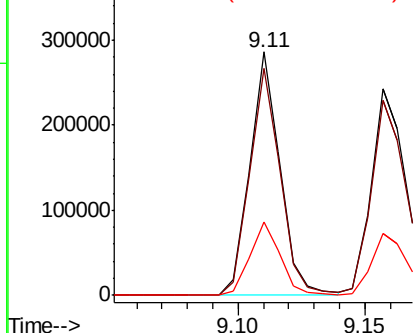
#43
 2,4,6-Trichlorophenol
 Concen: 36.085 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 GIS-2MSD

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

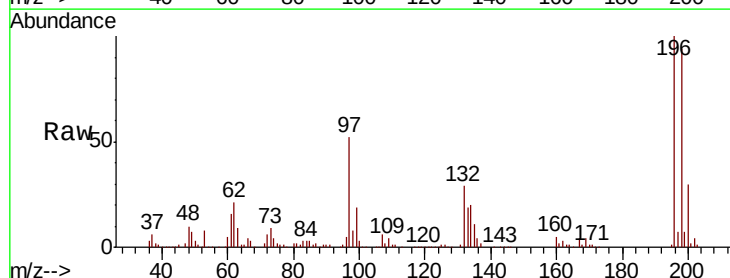


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

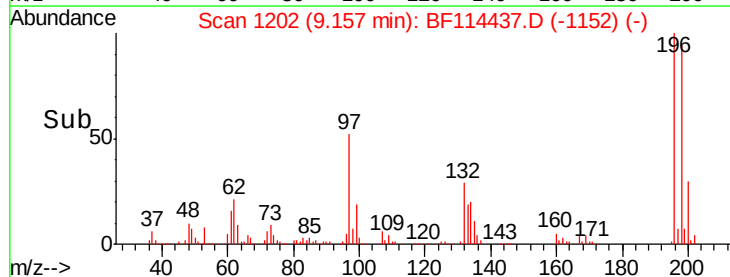
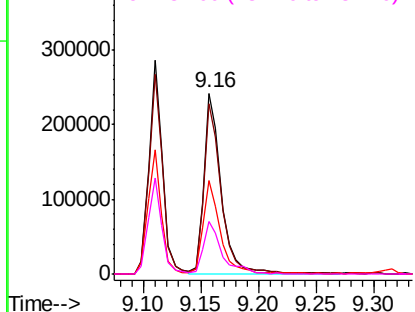


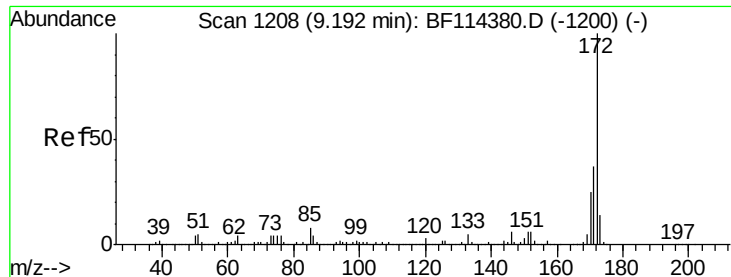
#44
 2,4,5-Trichlorophenol
 Concen: 37.366 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

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

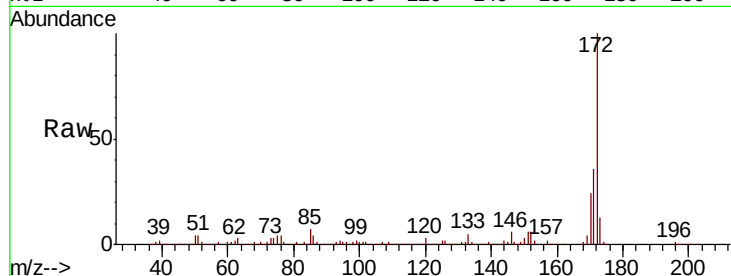




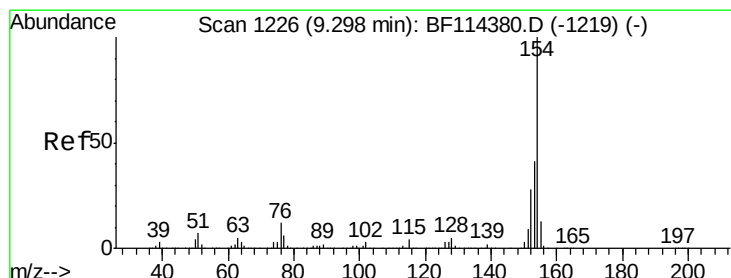
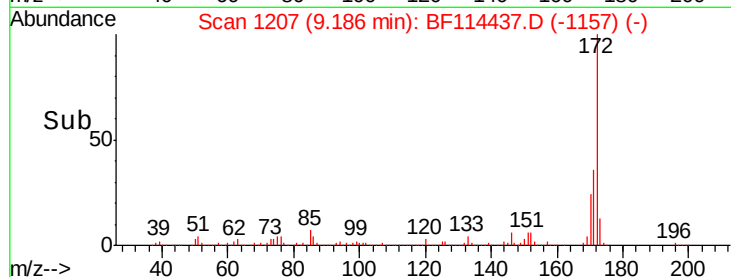
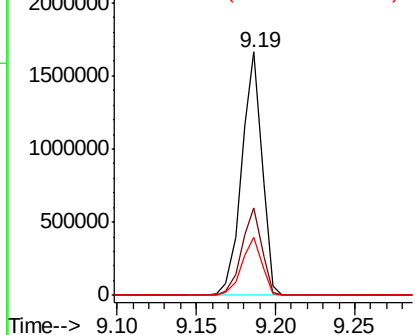
#45
2-Fluorobiphenyl
Concen: 70.277 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

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

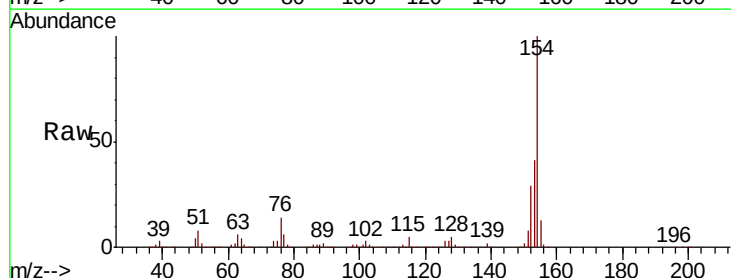


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

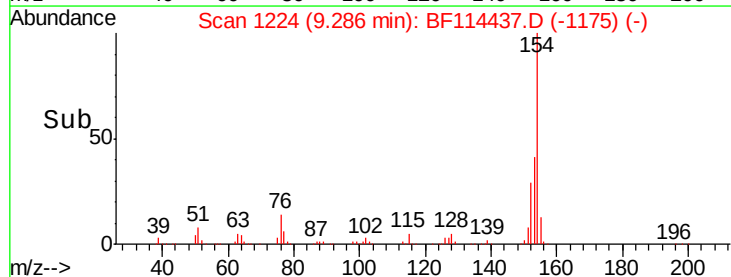
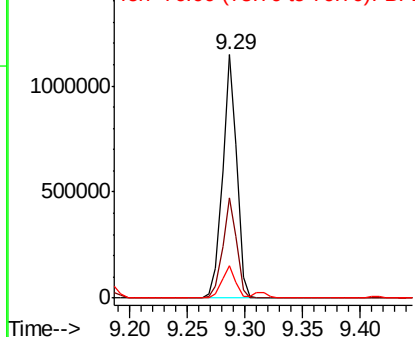


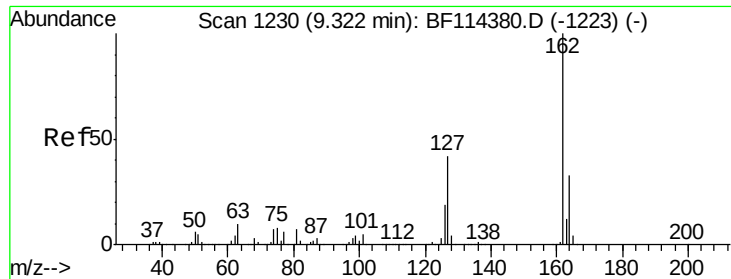
#46
1,1'-Biphenyl
Concen: 38.252 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

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

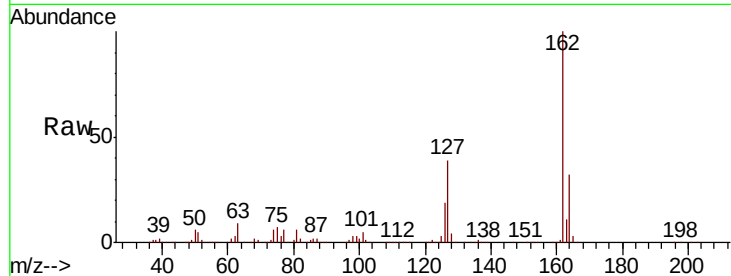




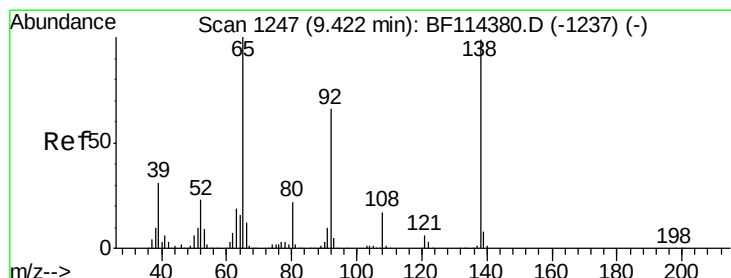
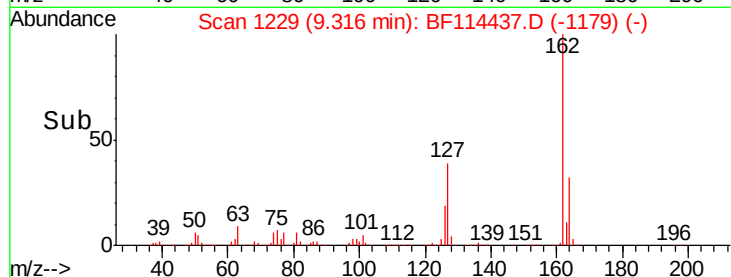
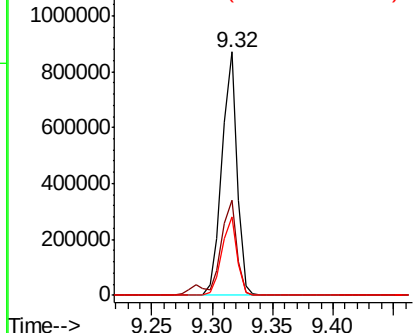
#47
 2-Chloronaphthalene
 Concen: 36.555 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 GIS-2MSD

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

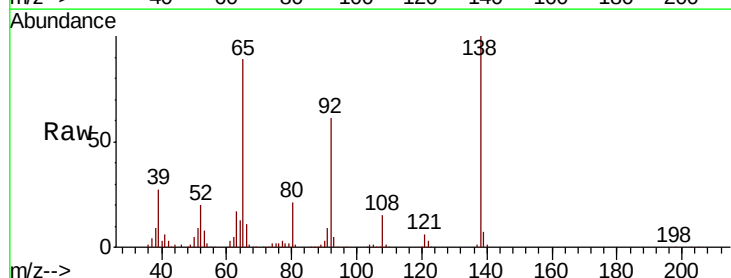


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

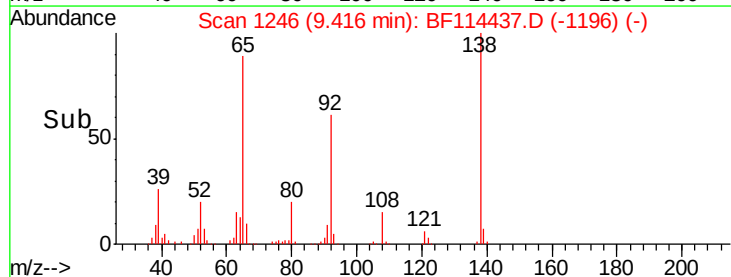
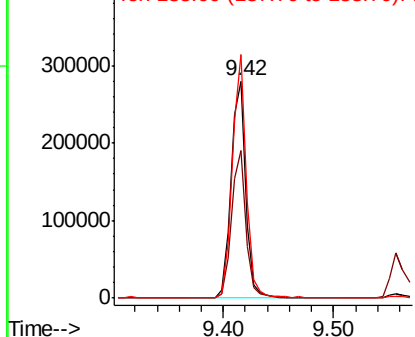


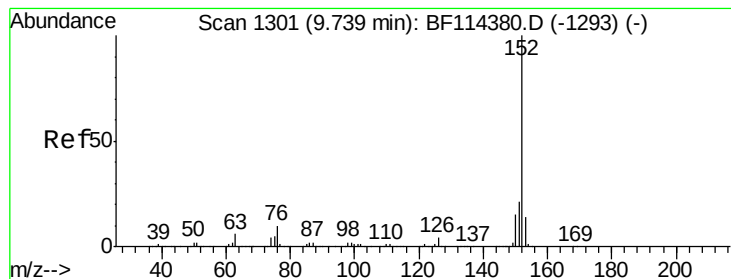
#48
 2-Nitroaniline
 Concen: 36.139 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

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 :

GIS-2MSD

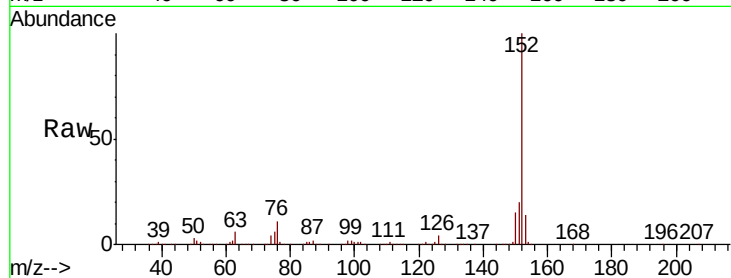
Tot Ion:152 Resp: 1174117

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

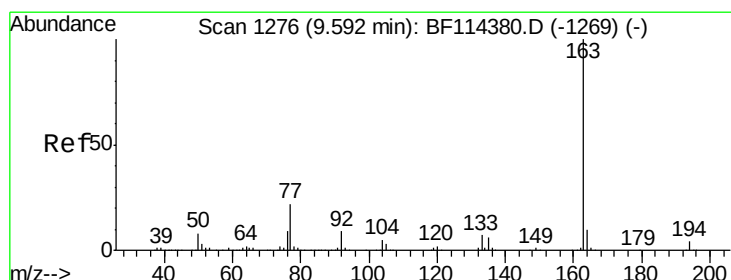
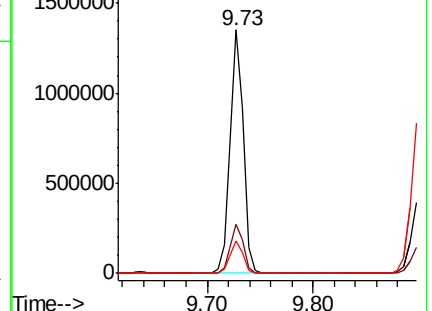
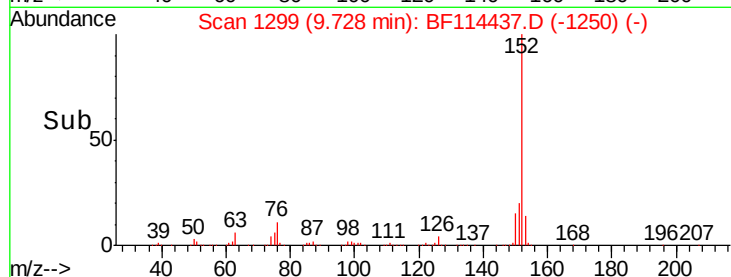
153 13.5 11.4 17.2



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

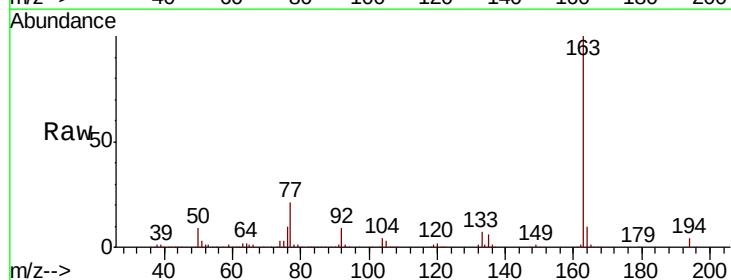
Tgt Ion:163 Resp: 1069661

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

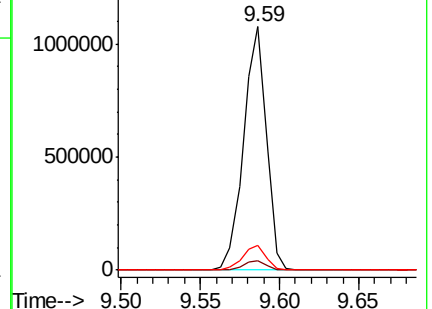
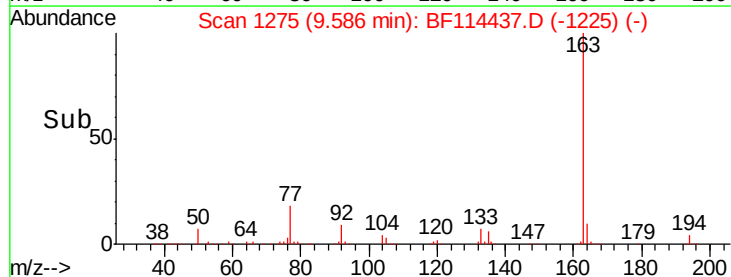
164 10.3 8.2 12.2

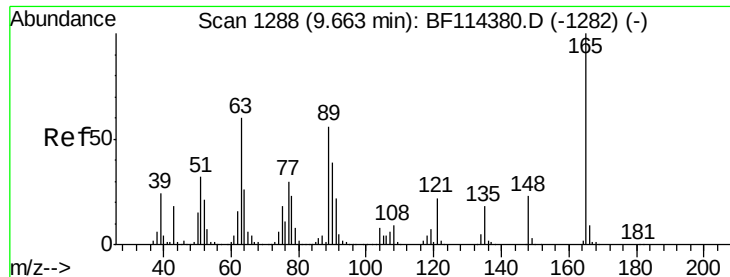


Abundance Ion 163.00 (162.70 to 163.70): E

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 :

GIS-2MSD

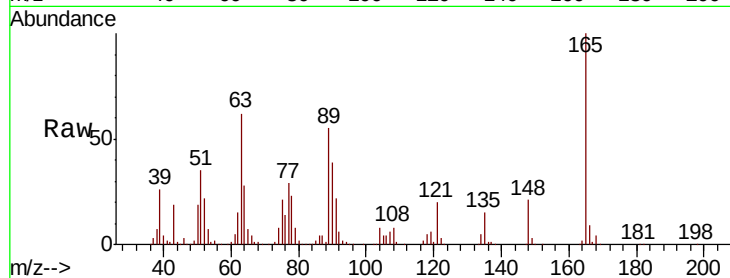
Tot Ion:165 Resp: 192554

Ion Ratio Lower Upper

165 100

63 61.9 50.2 75.4

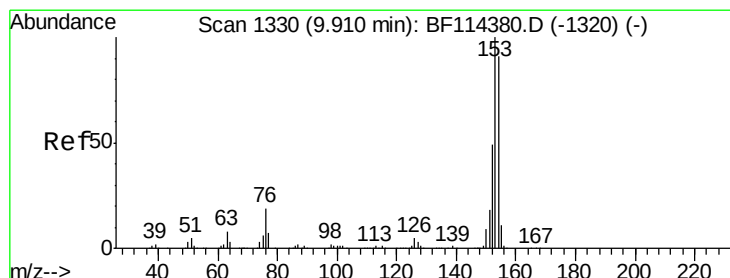
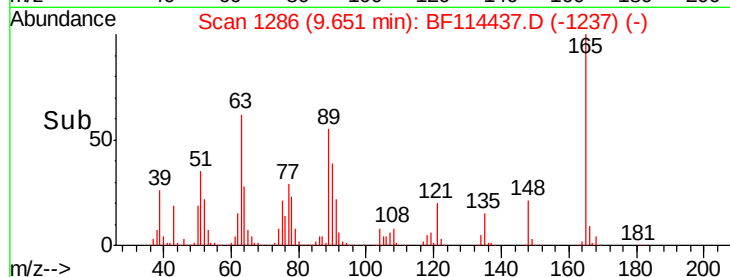
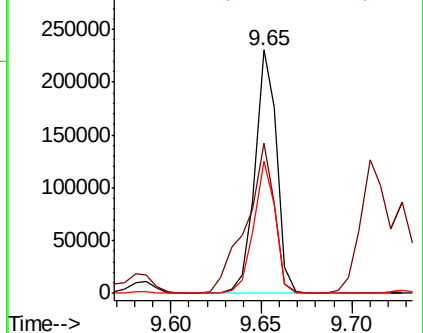
89 54.5 46.6 69.8



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

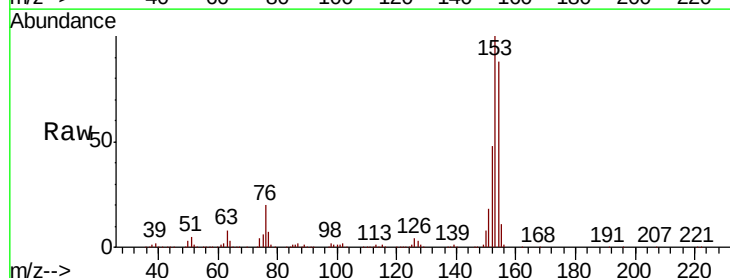
Tgt Ion:154 Resp: 671178

Ion Ratio Lower Upper

154 100

153 113.9 90.5 135.7

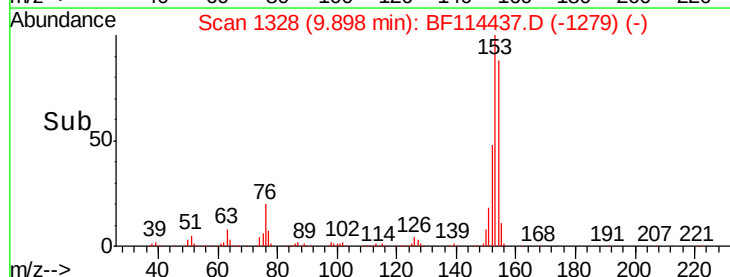
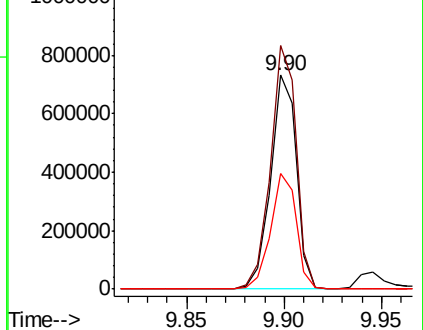
152 54.1 43.4 65.2

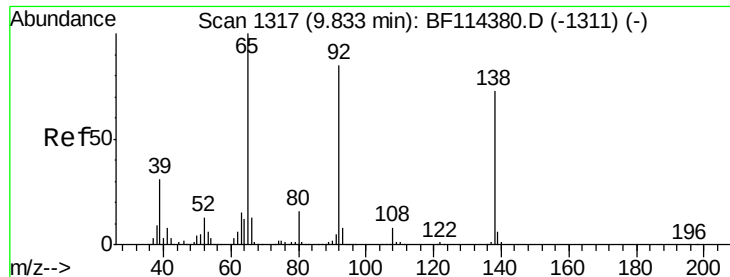


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

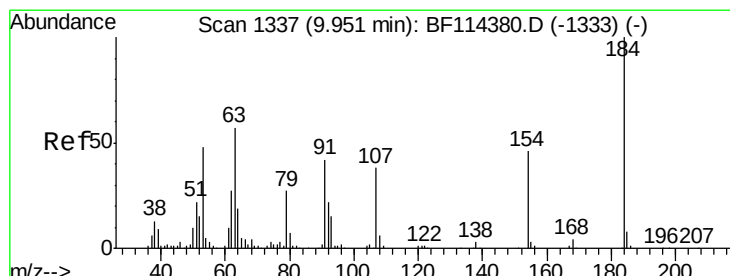
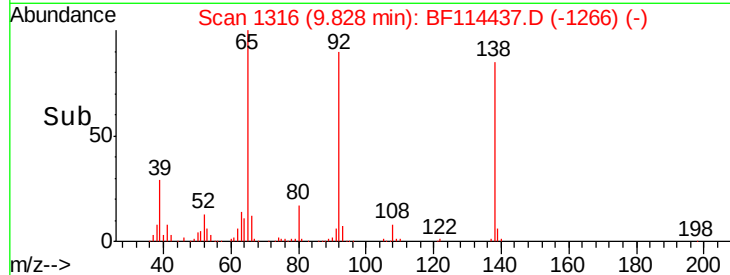
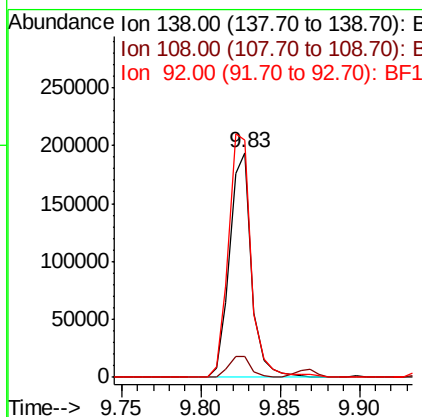
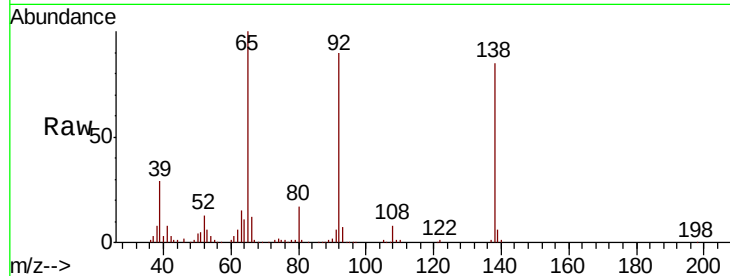




#53
 3-Nitroaniline
 Concen: 29.306 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

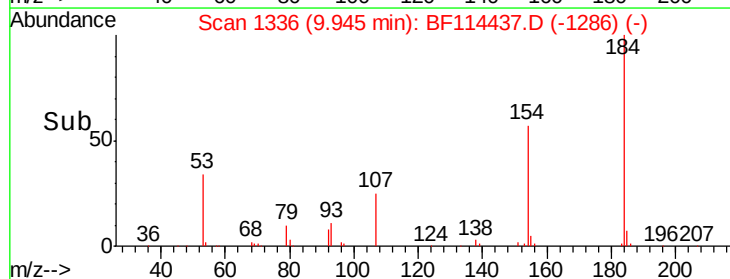
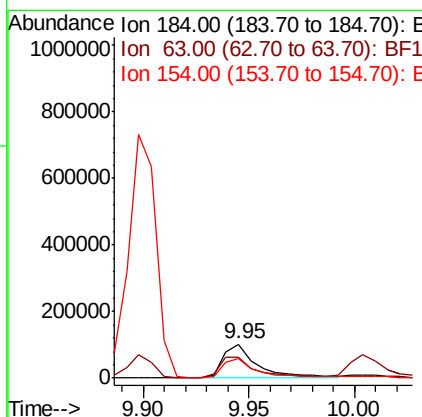
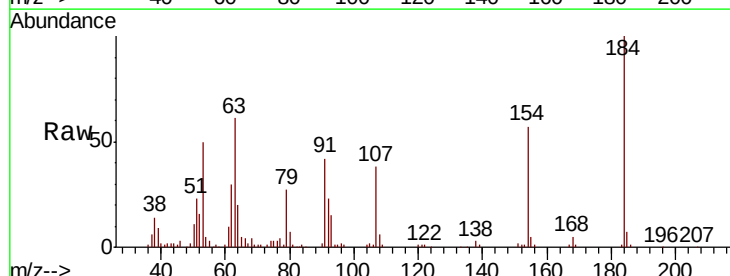
Instrument :
 BNA_F
 ClientSampleId :
 GIS-2MSD

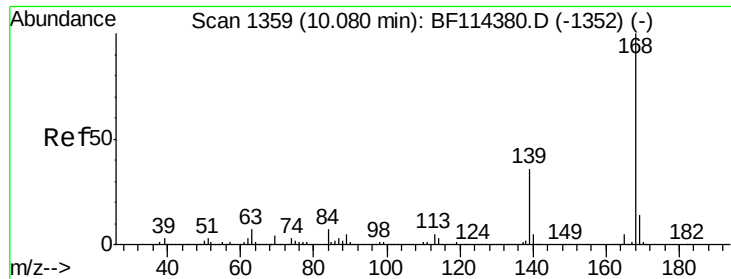
Tot Ion:138 Resp: 186871
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.8 11.6
 92 105.6 91.2 136.8



#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

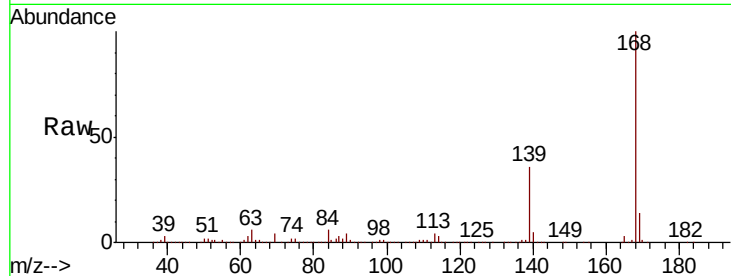




#55
Dibenzofuran
Concen: 35.495 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

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

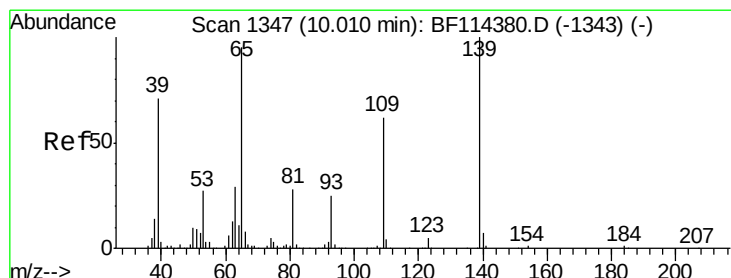
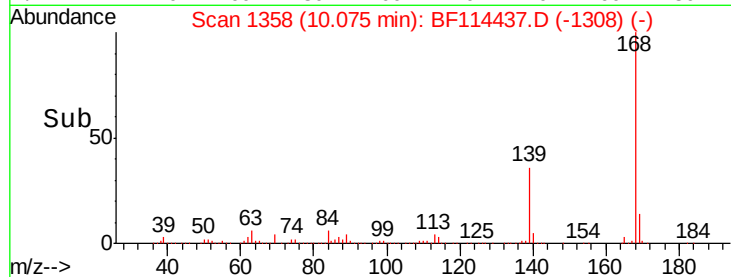
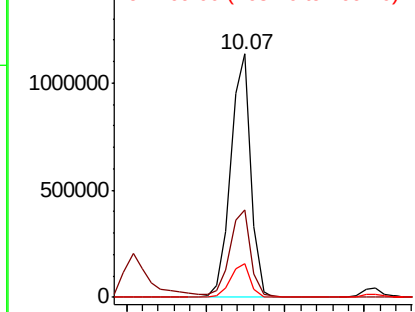


Abundance

Ion 168.00 (167.70 to 168.70): E

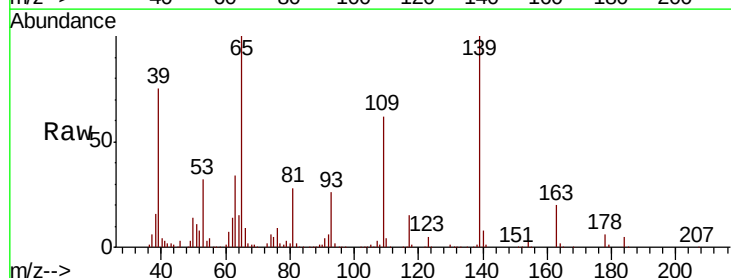
Ion 139.00 (138.70 to 139.70): E

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	Ratio	Lower	Upper
139	100		
109	61.9	43.9	83.9
65	99.5	85.7	125.7

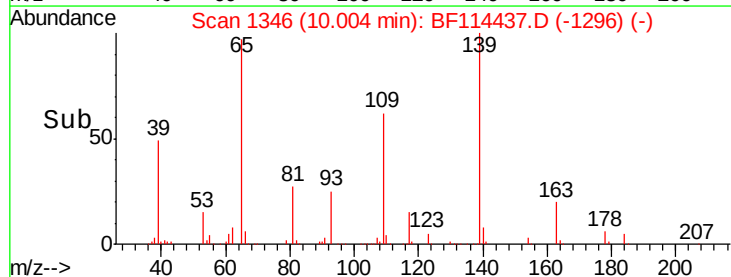
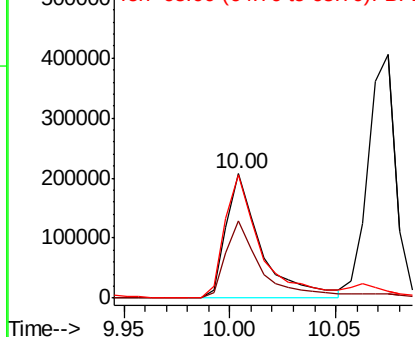


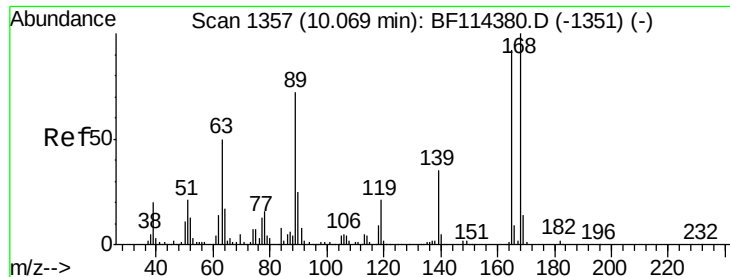
Abundance

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 :

GIS-2MSD

Tot Ion:165 Resp: 239295

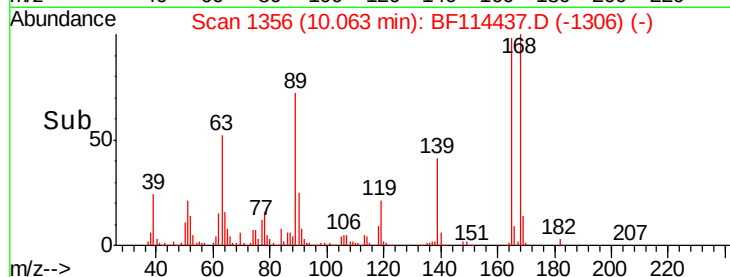
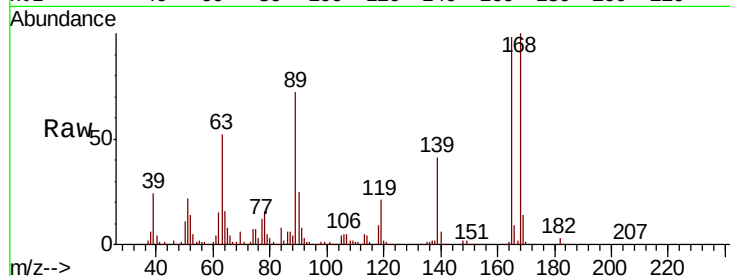
Ion Ratio Lower Upper

165 100

63 53.0 35.5 53.3

89 73.7 55.2 82.8

182 2.5 2.2 3.2

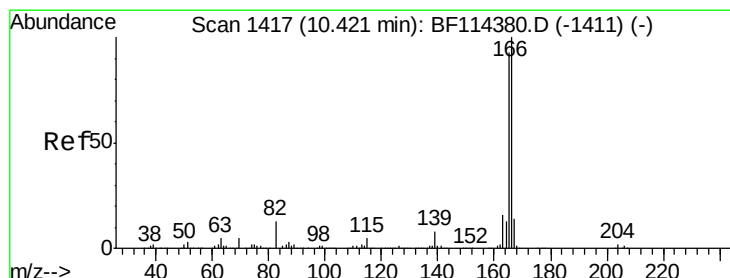
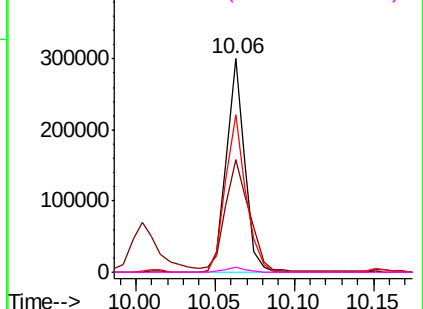


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#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

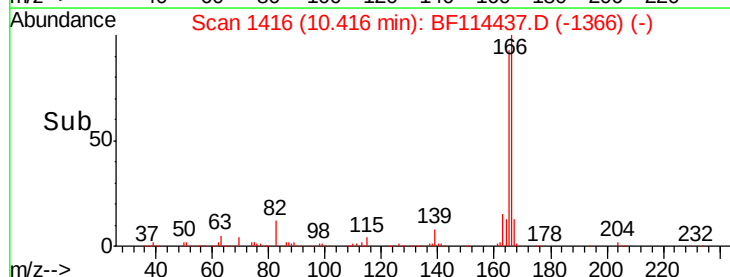
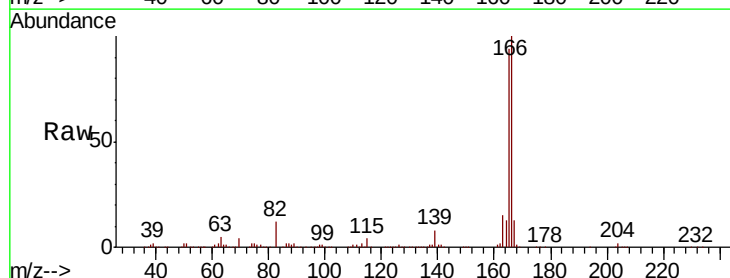
Tgt Ion:166 Resp: 779807

Ion Ratio Lower Upper

166 100

165 93.5 76.1 114.1

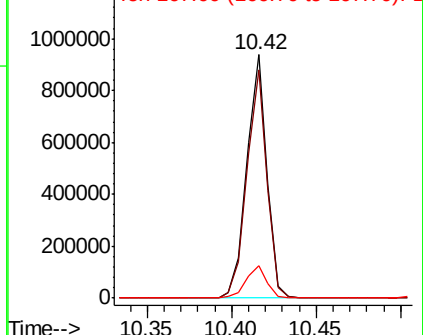
167 13.4 11.1 16.7

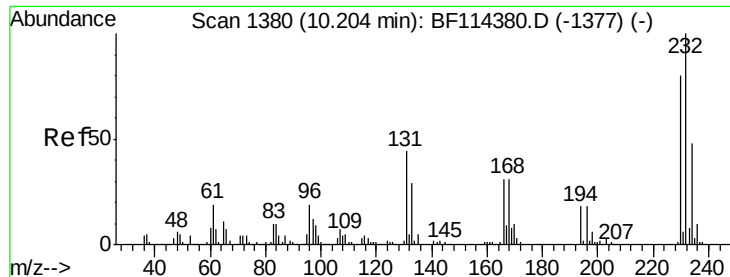


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

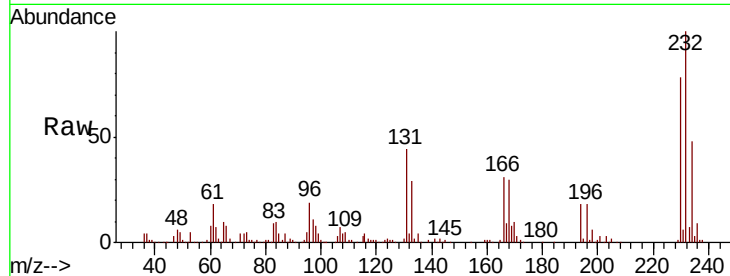




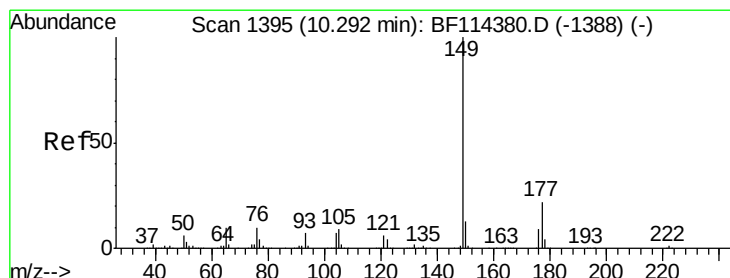
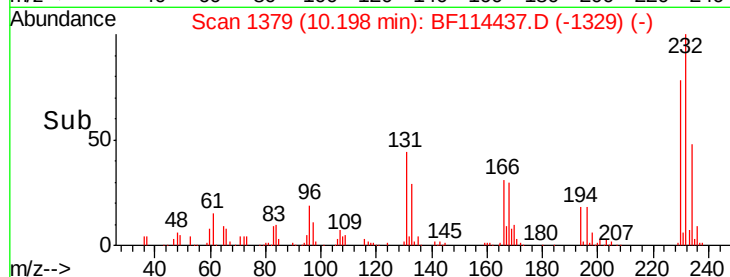
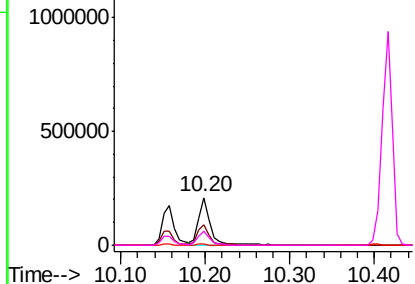
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.566 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampled :
 GIS-2MSD

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

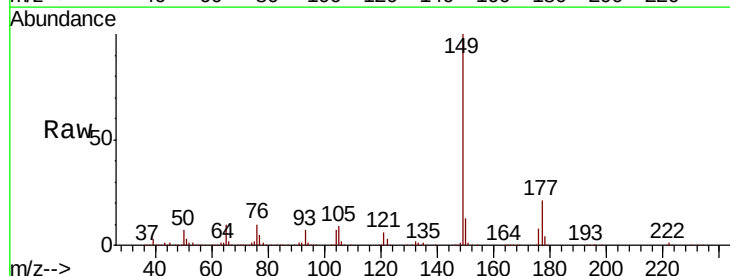


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

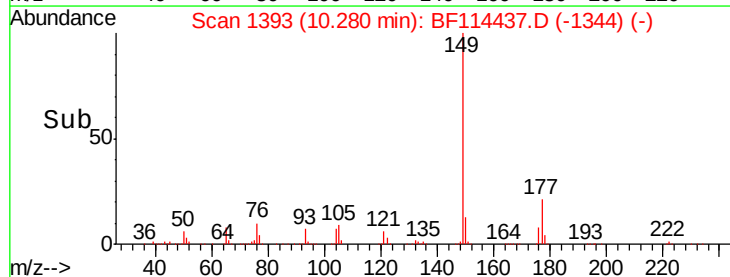
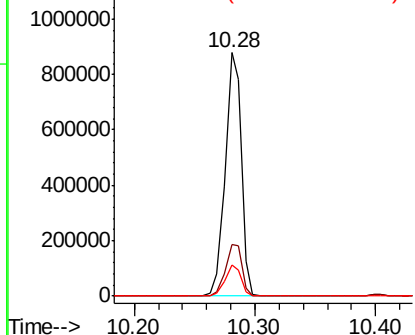


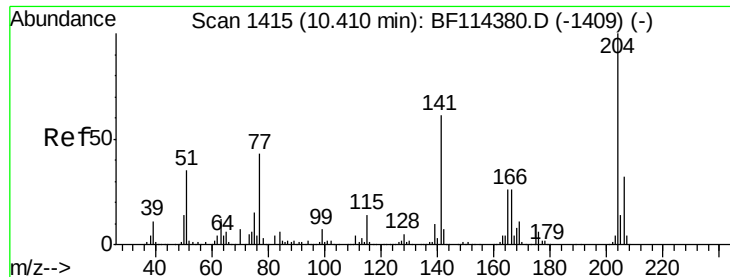
#60
 Diethylphthalate
 Concen: 34.246 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

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

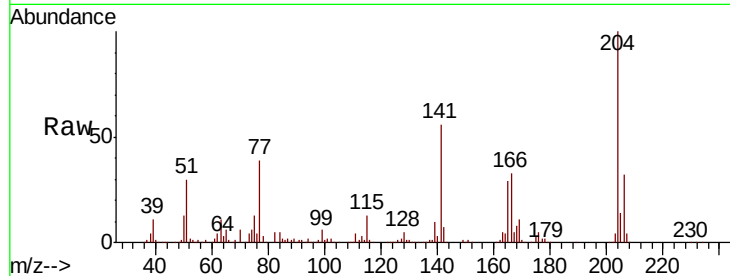




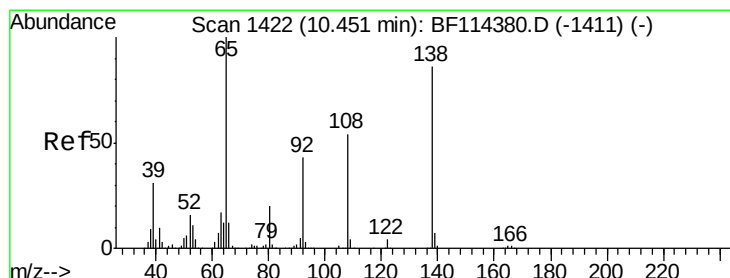
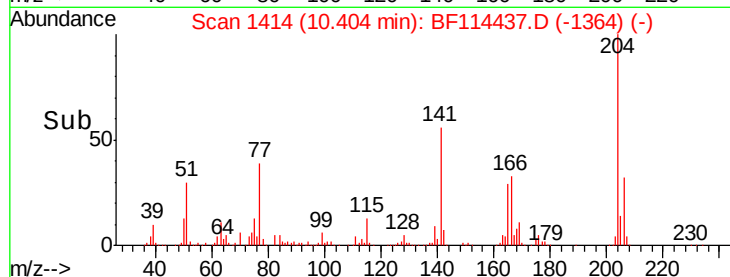
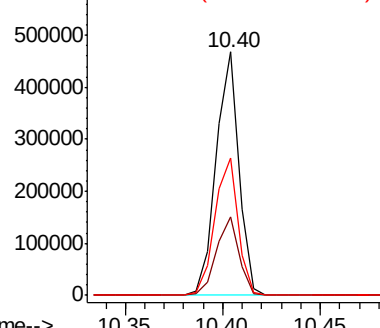
#61
 4-Chlorophenyl-phenylether
 Concen: 35.613 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 GIS-2MSD

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

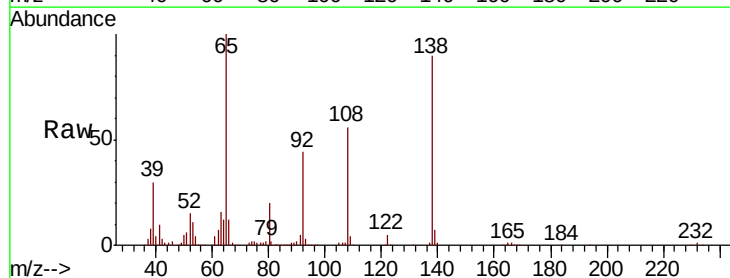


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

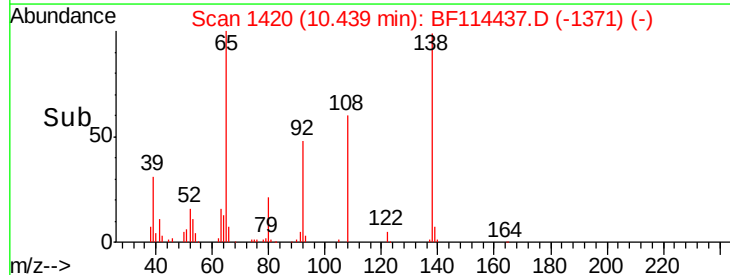
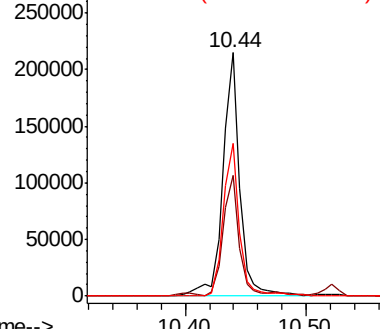


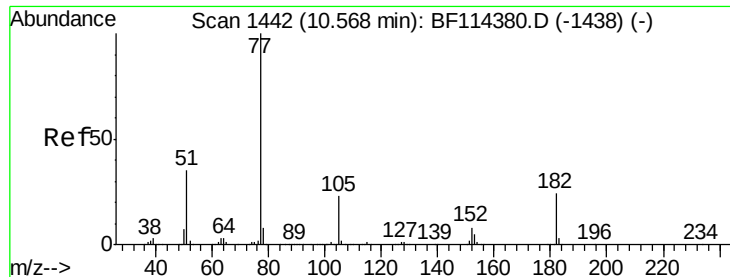
#62
 4-Nitroaniline
 Concen: 31.417 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

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

ClientSampleId :

GIS-2MSD

Tot Ion: 77 Resp: 773849

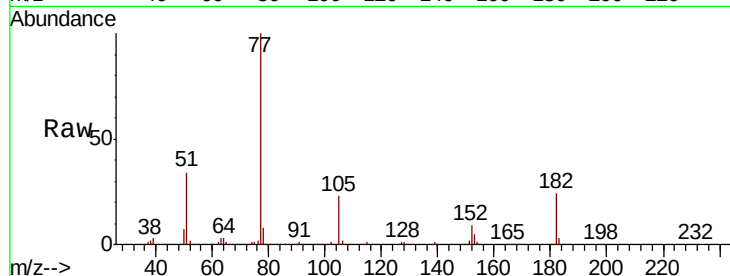
Ion Ratio Lower Upper

77 100

182 23.8 4.7 44.7

105 23.2 2.9 42.9

51 34.1 14.6 54.6

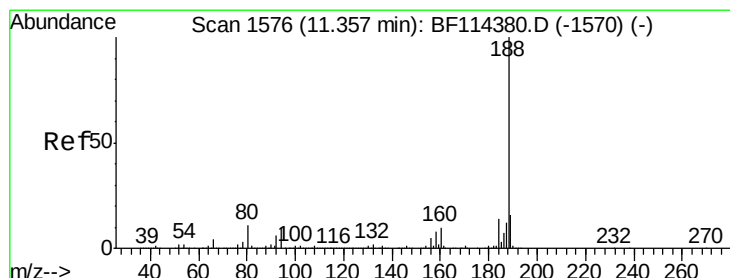
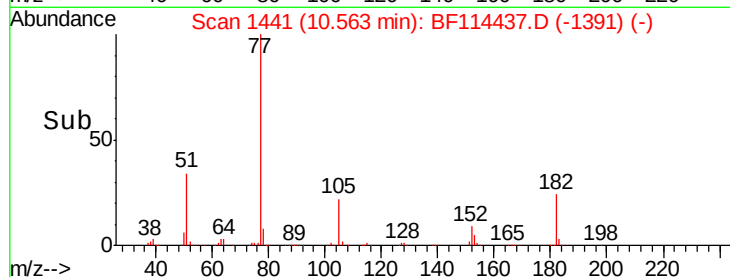
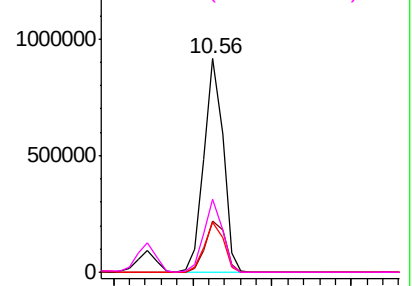


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

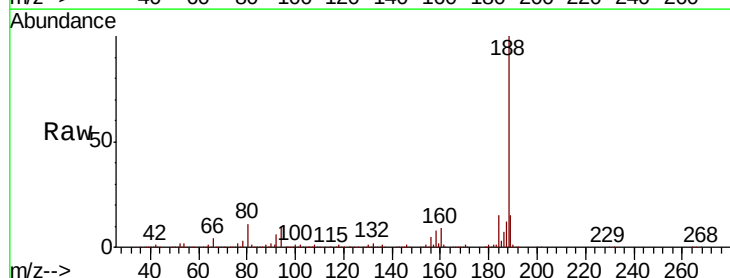
Tgt Ion: 188 Resp: 547741

Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

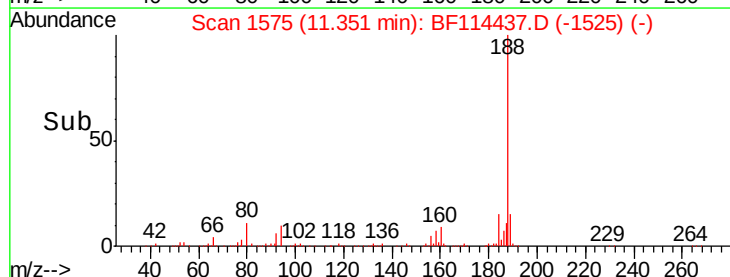
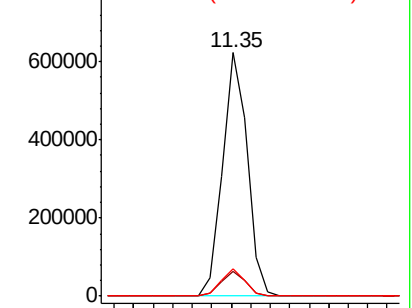
80 11.2 9.2 13.8

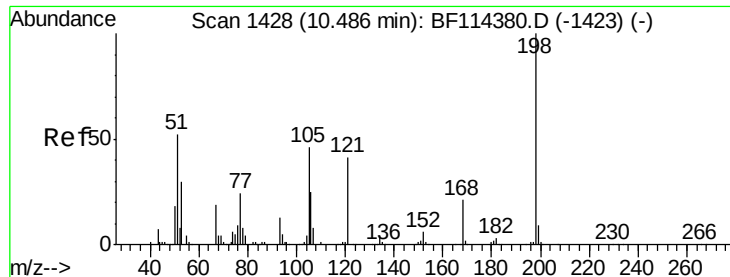


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

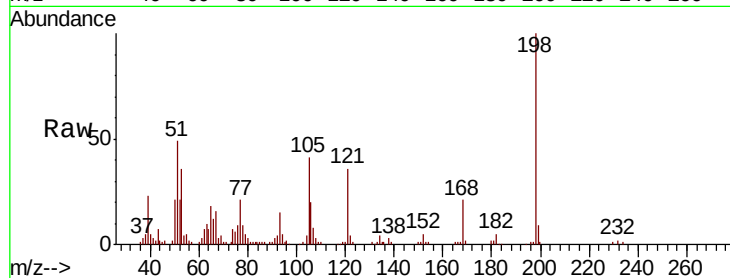




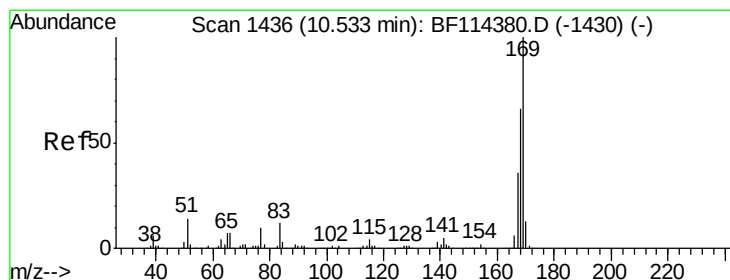
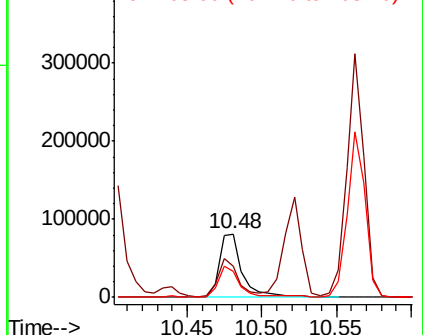
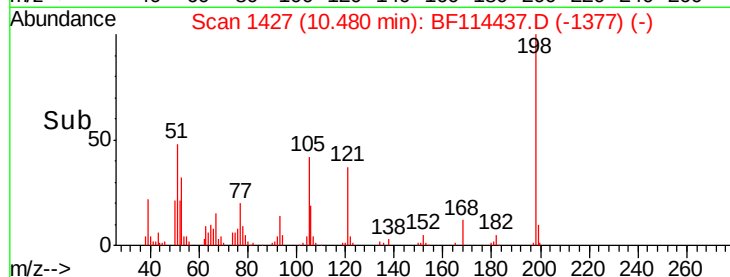
#65
4,6-Dinitro-2-methylphenol
Concen: 33.194 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

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

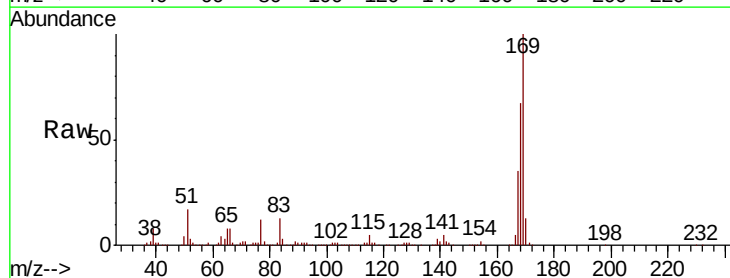


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

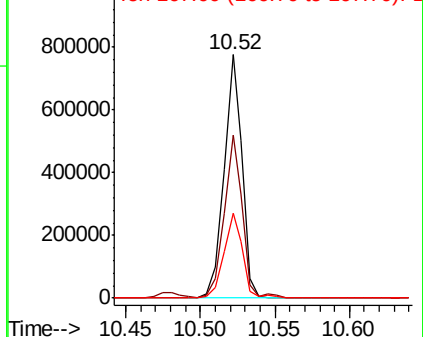
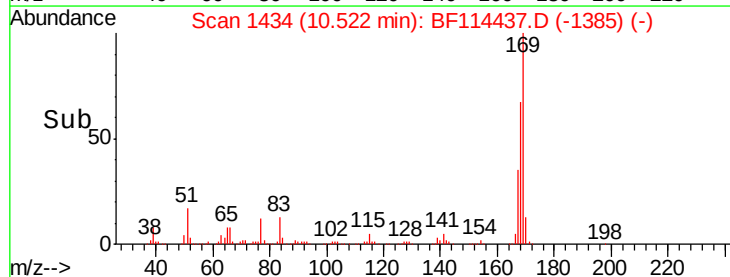


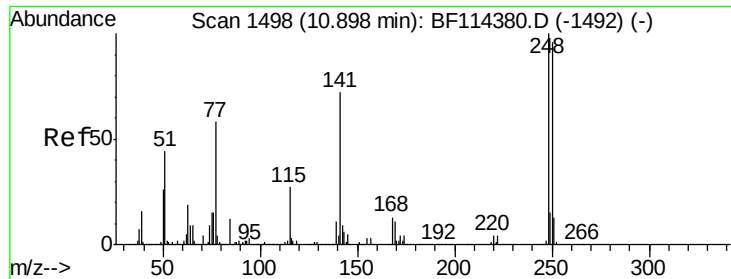
#66
n-Nitrosodiphenylamine
Concen: 39.942 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

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

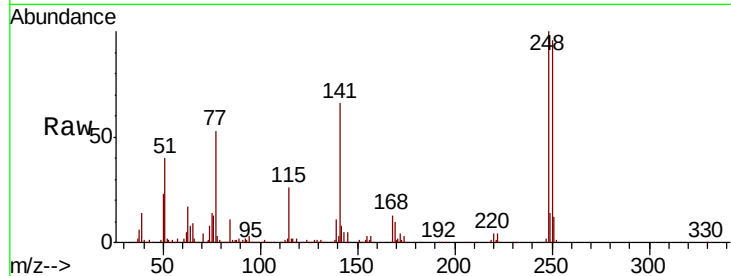




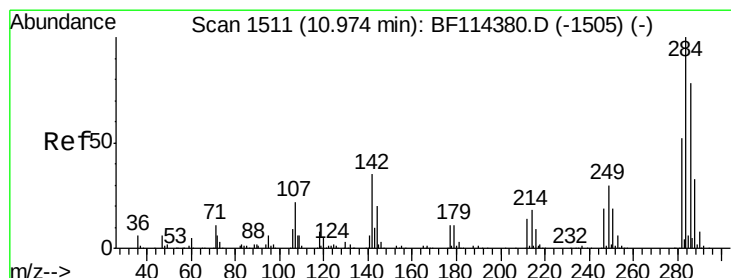
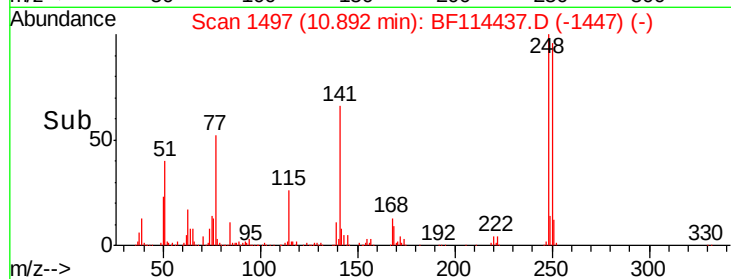
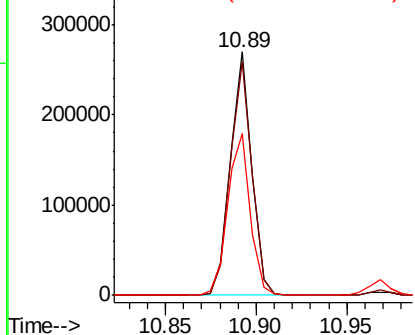
#67
4-Bromophenyl-phenylether
Concen: 36.895 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

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

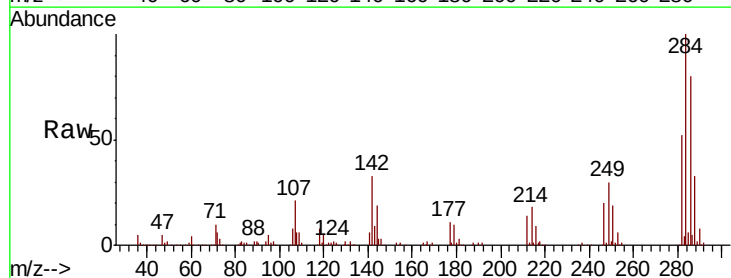


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

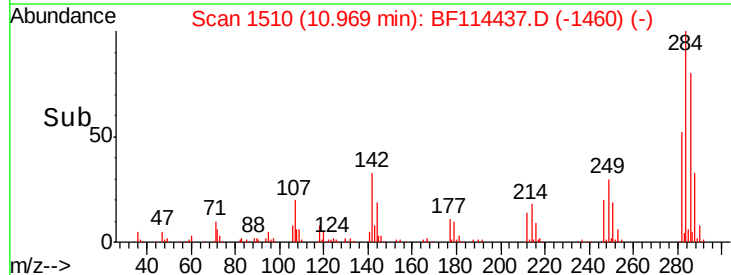
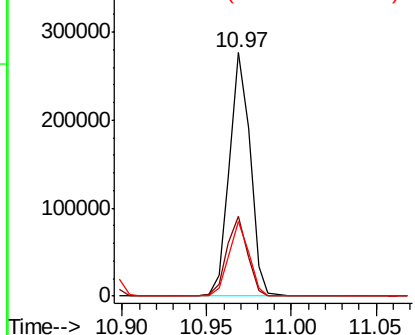


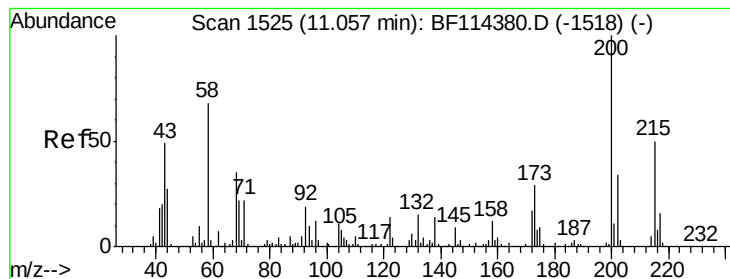
#68
Hexachlorobenzene
Concen: 35.443 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

Tgt Ion	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

ClientSampleId :

GIS-2MSD

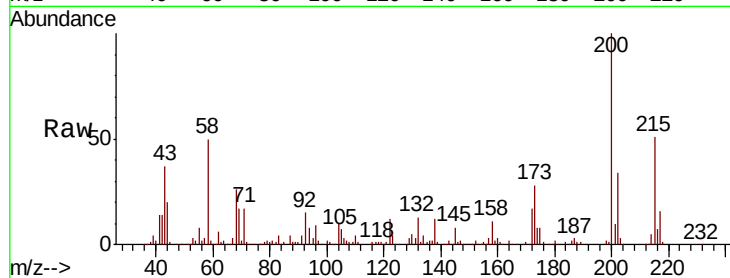
Tot Ion:200 Resp: 191008

Ion Ratio Lower Upper

200 100

173 27.6 8.9 48.9

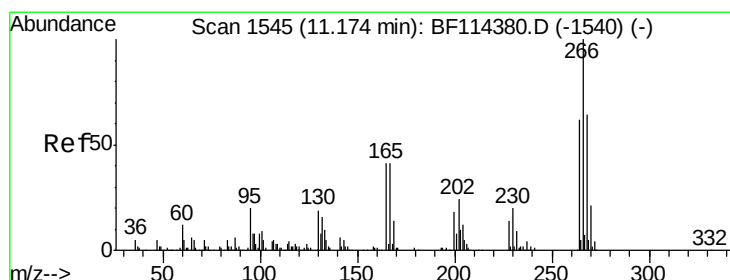
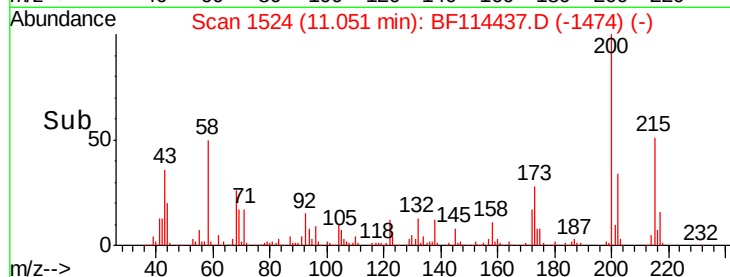
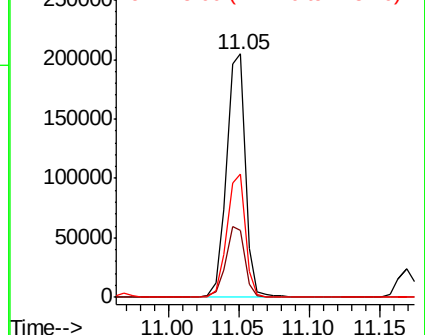
215 50.9 30.7 70.7



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

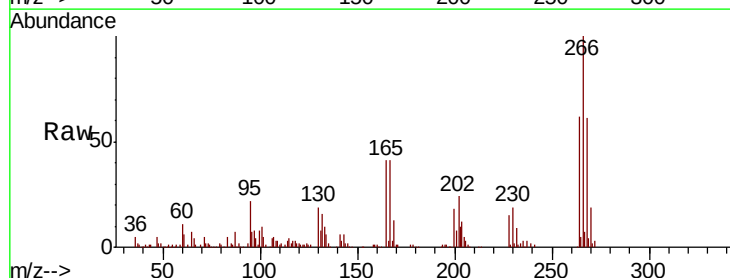
Tgt Ion:266 Resp: 165142

Ion Ratio Lower Upper

266 100

268 61.3 51.1 76.7

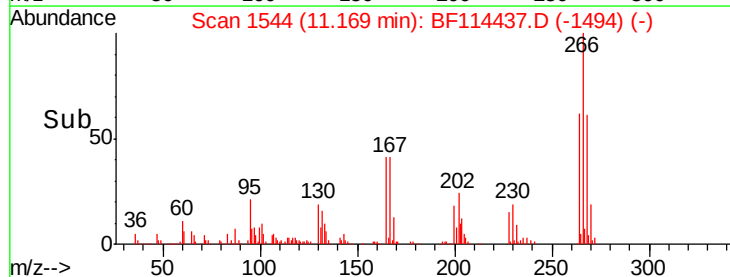
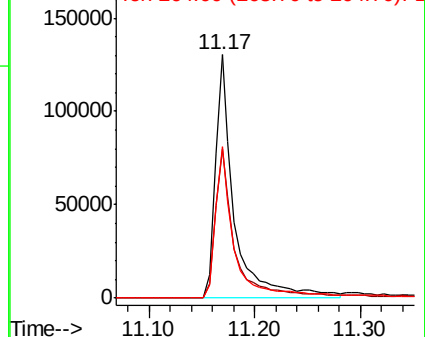
264 62.1 51.1 76.7

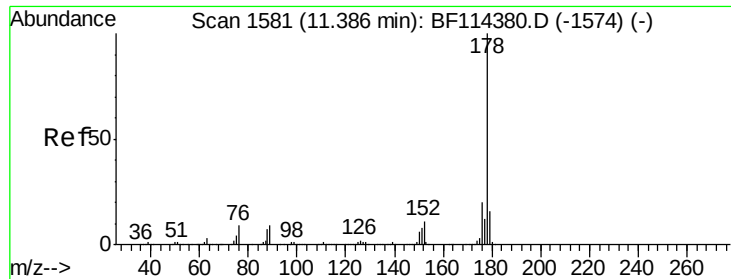


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

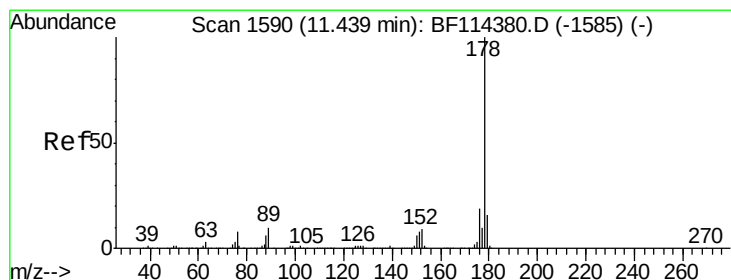
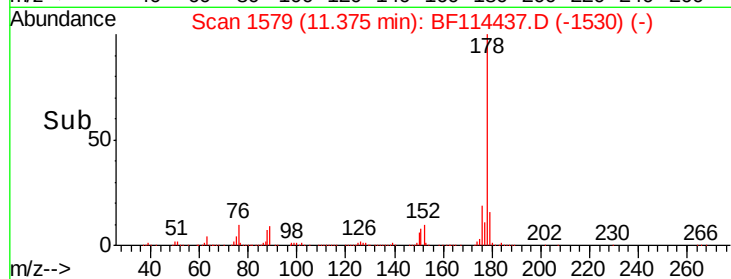
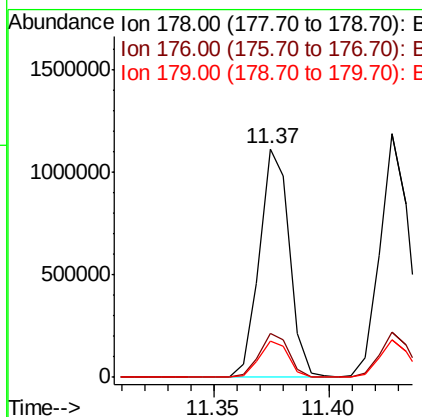
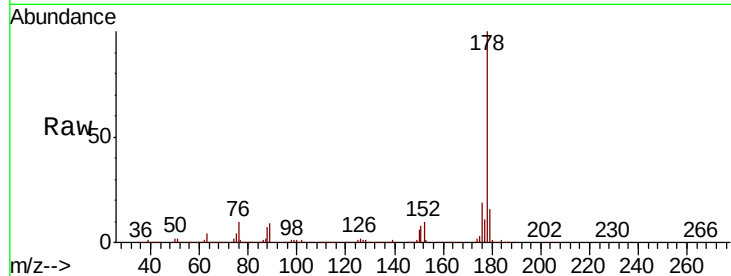




#71
Phenanthrene
Concen: 37.996 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

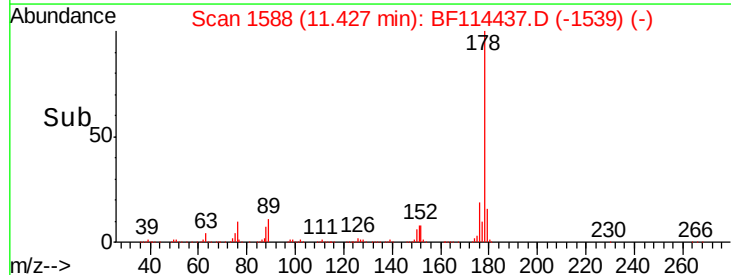
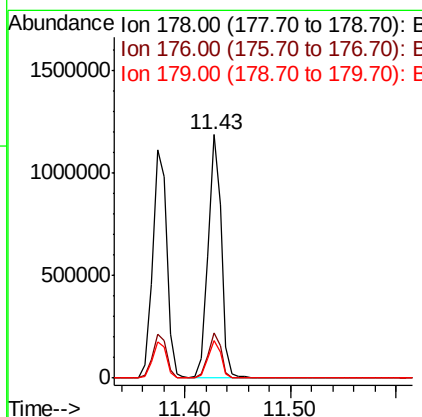
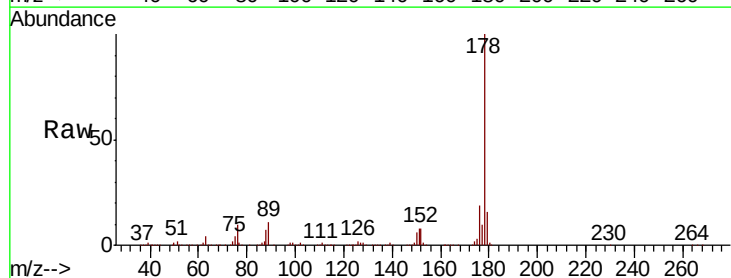
Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

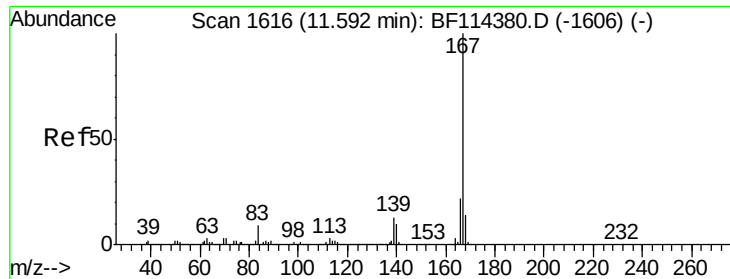
Tot Ion:178 Resp: 1012535
Ion Ratio Lower Upper
178 100
176 19.4 16.4 24.6
179 15.7 13.2 19.8



#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

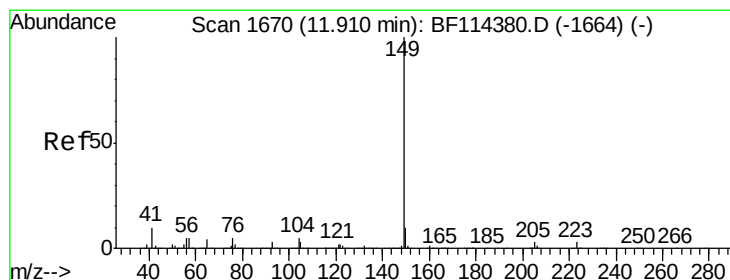
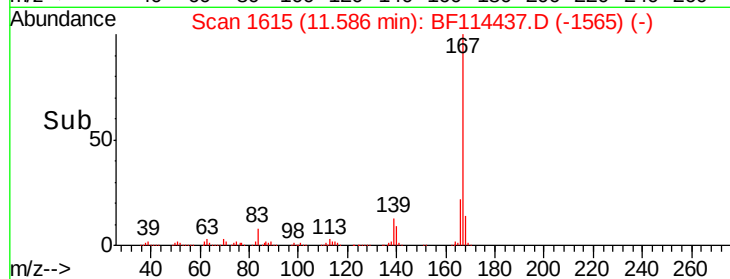
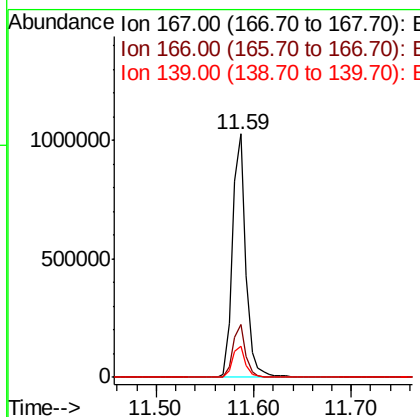
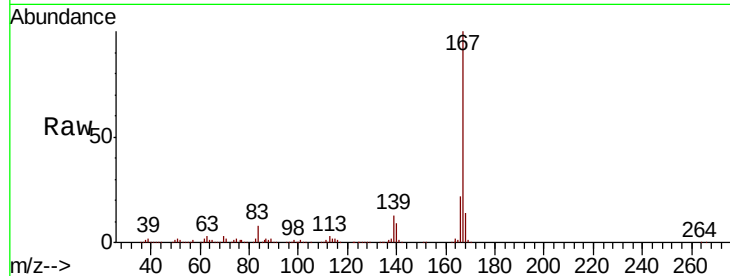




#73
 Carbazole
 Concen: 37.920 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

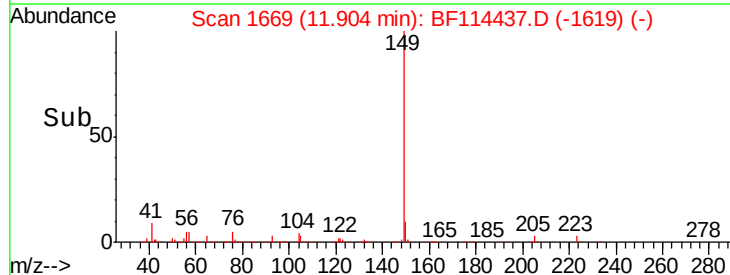
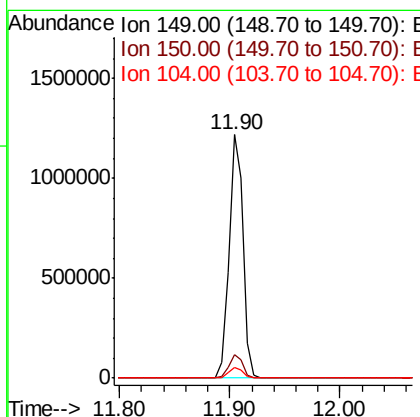
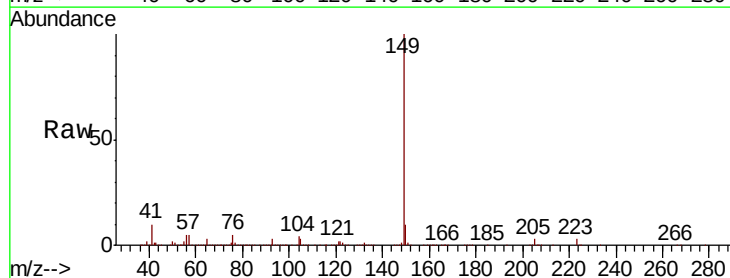
Instrument :
 BNA_F
 ClientSampleId :
 GIS-2MSD

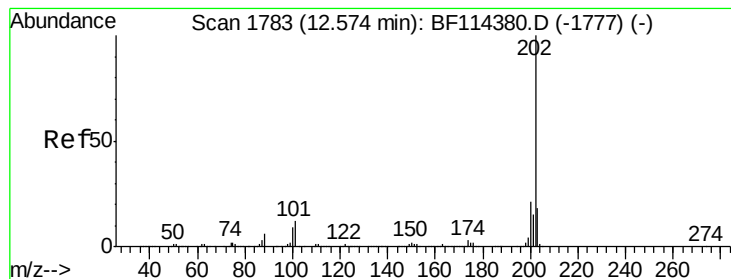
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	12.6	10.6	16.0



#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	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.4	3.6	5.4





#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 :

GIS-2MSD

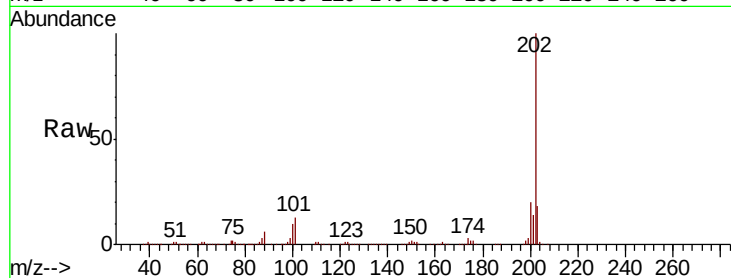
Tot Ion:202 Resp: 944505

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.0

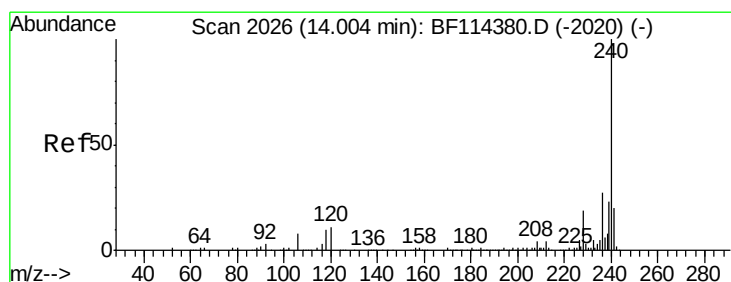
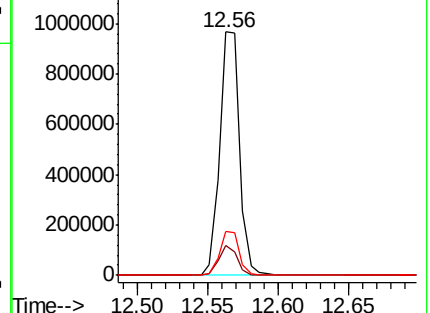
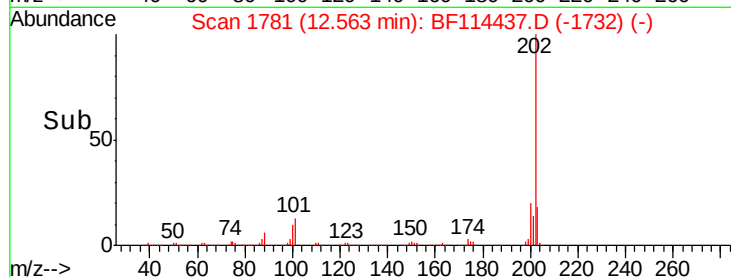
203 18.1 0.0 38.4



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

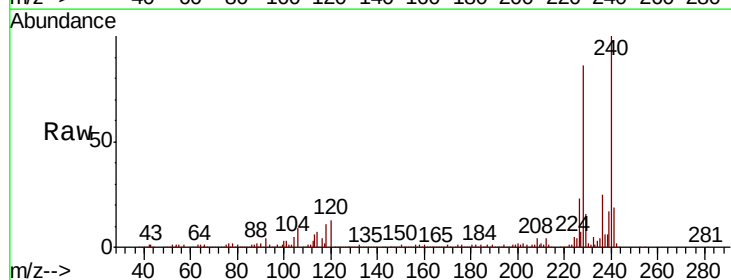
Tgt Ion:240 Resp: 360597

Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

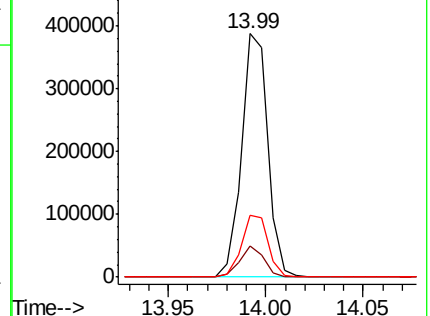
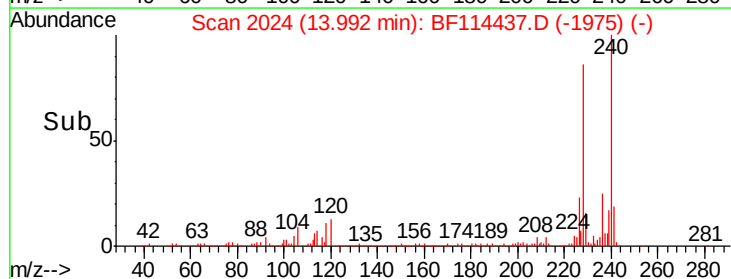
236 25.4 20.8 31.2

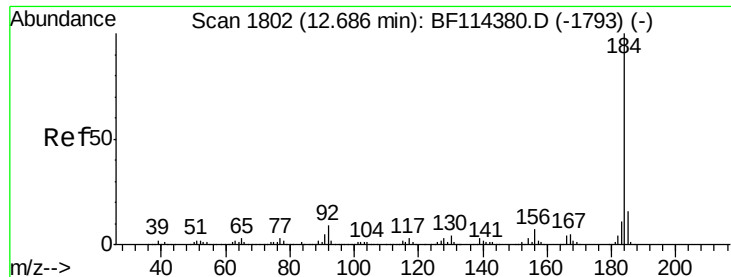


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

GIS-2MSD

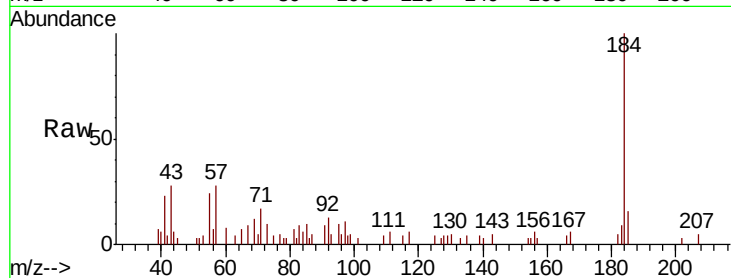
Tot Ion:184 Resp: 16804

Ion Ratio Lower Upper

184 100

185 15.8 13.6 20.4

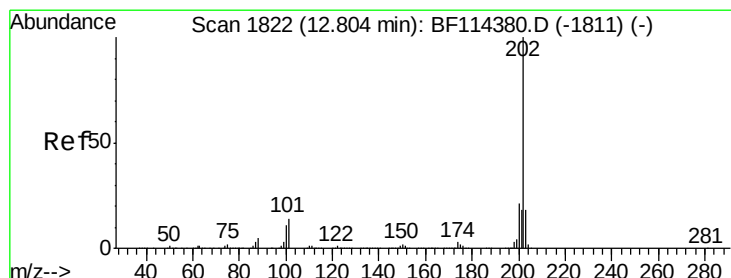
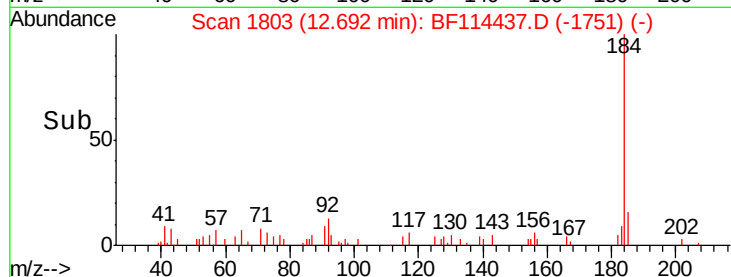
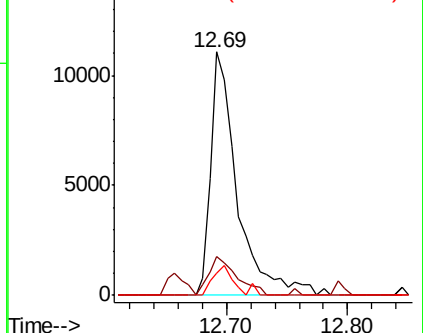
183 9.3 9.2 13.8



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

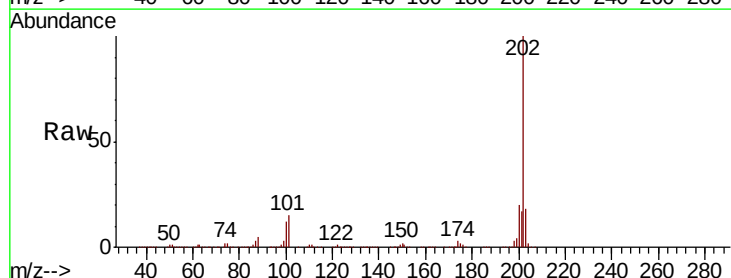
Tgt Ion:202 Resp: 954580

Ion Ratio Lower Upper

202 100

200 20.1 16.9 25.3

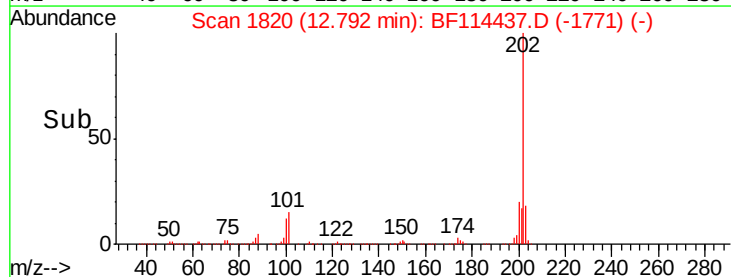
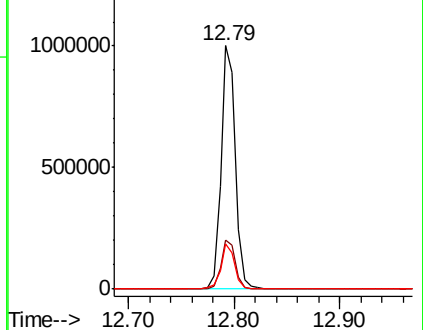
203 18.4 14.5 21.7

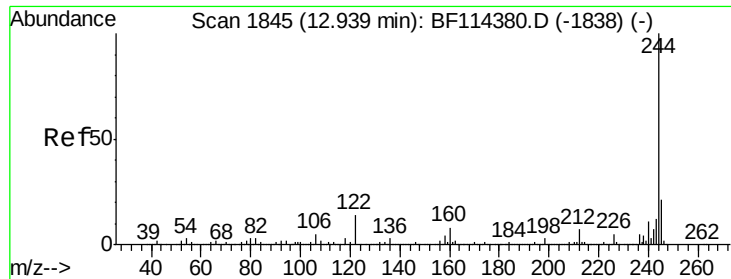


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

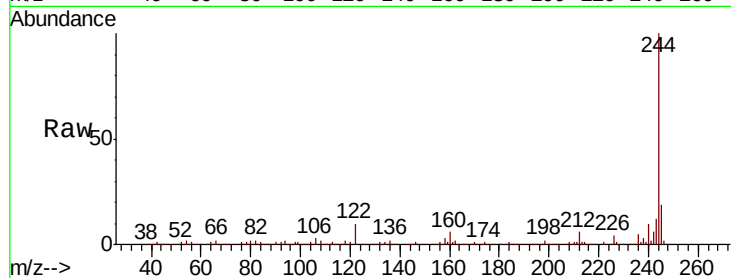




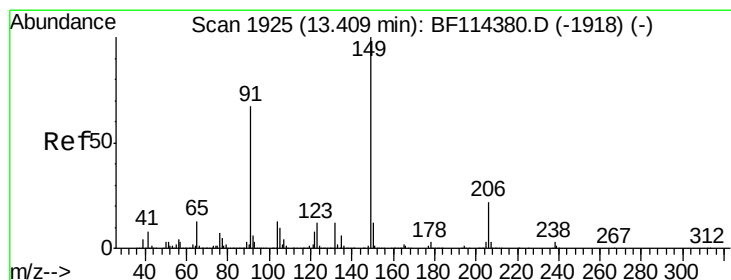
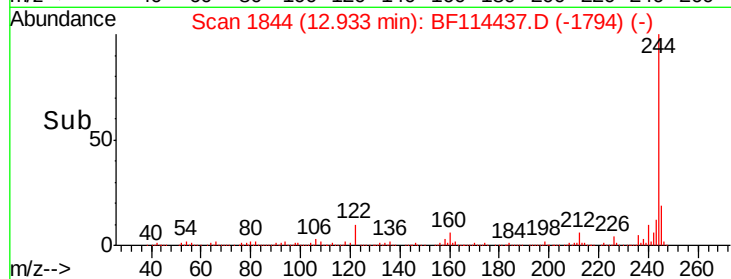
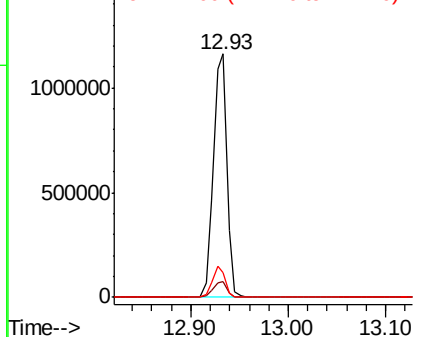
#79
 Terphenyl-d14
 Concen: 63.883 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 GIS-2MSD

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

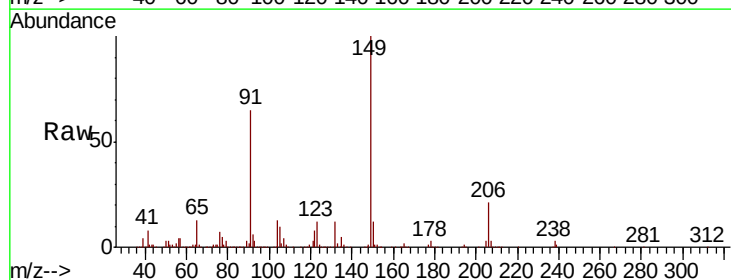


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

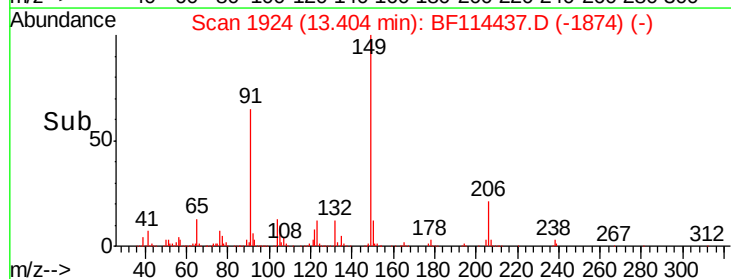
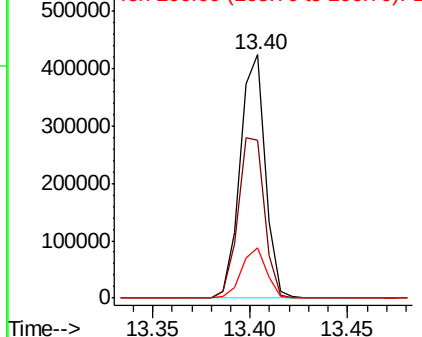


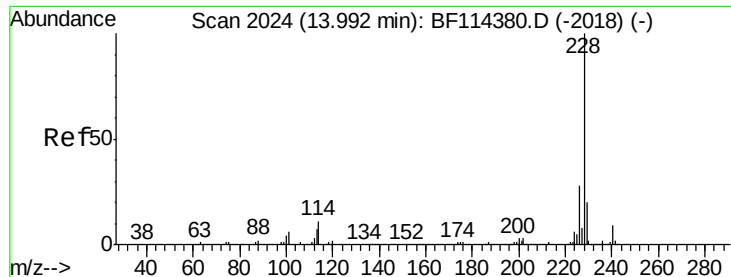
#80
 Butylbenzylphthalate
 Concen: 31.044 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BF114437.D
 Acq: 20 May 2019 14:32

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 :

GIS-2MSD

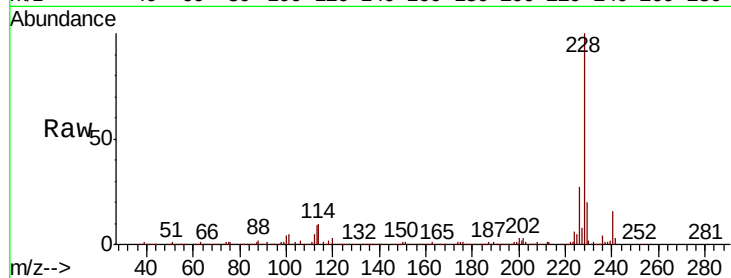
Tot Ion:228 Resp: 848704

Ion Ratio Lower Upper

228 100

226 26.9 22.2 33.2

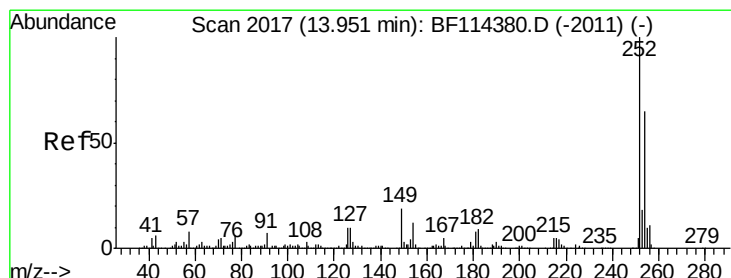
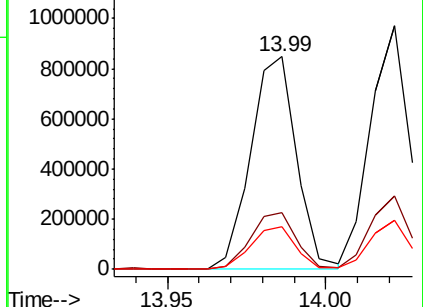
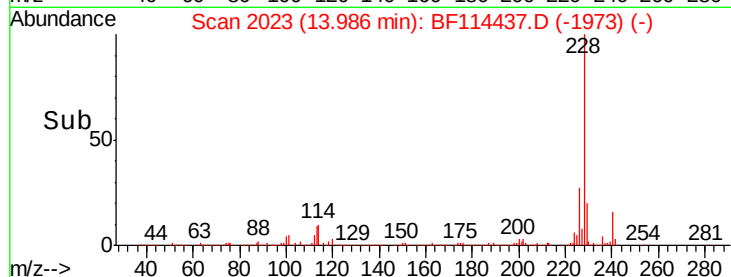
229 19.9 16.4 24.6



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

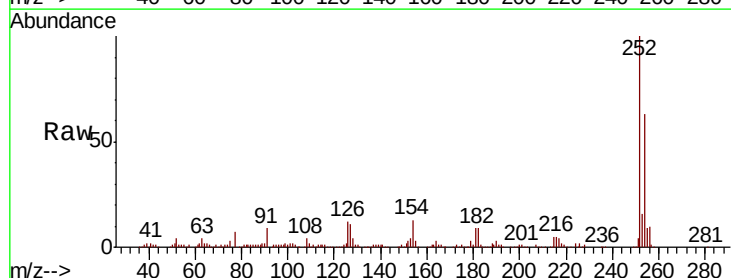
Tgt Ion:252 Resp: 264472

Ion Ratio Lower Upper

252 100

254 62.6 51.9 77.9

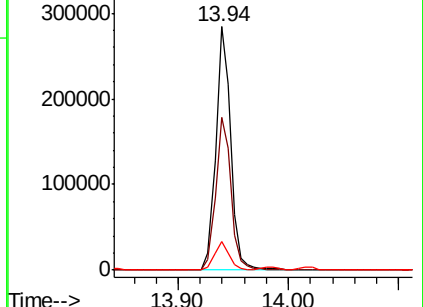
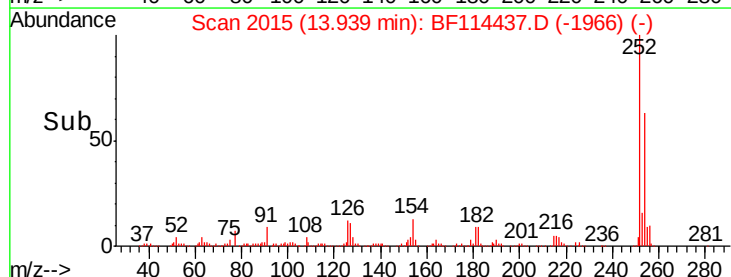
126 11.7 7.9 11.9

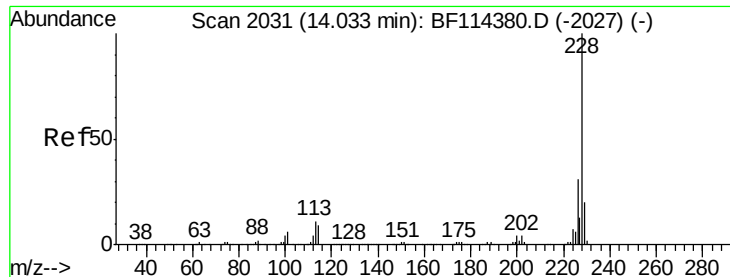


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

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 :

GIS-2MSD

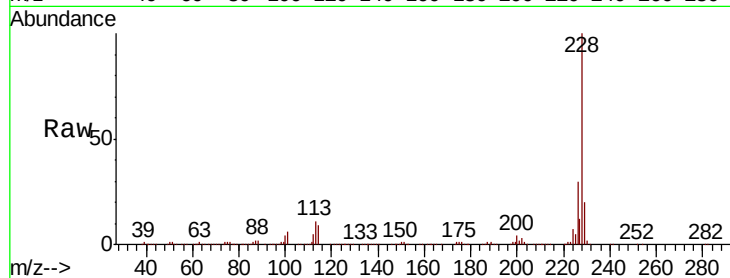
Tot Ion:228 Resp: 839266

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

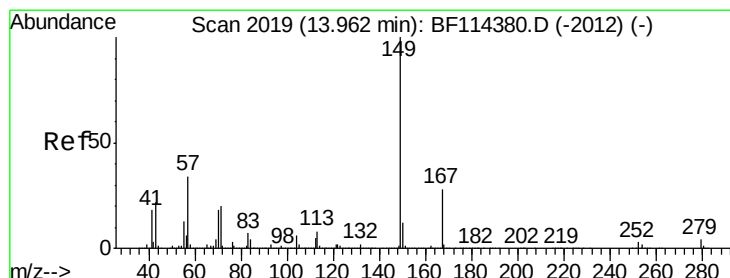
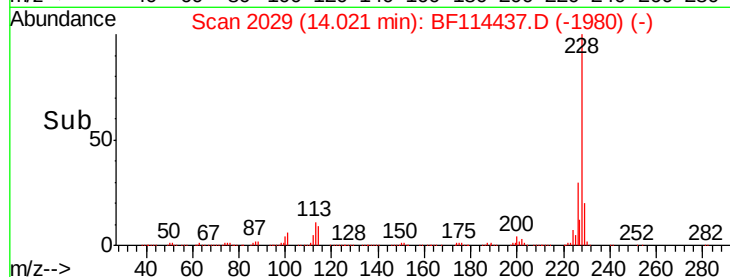
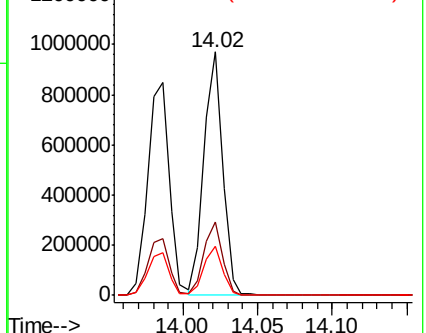
229 19.9 17.0 25.6



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

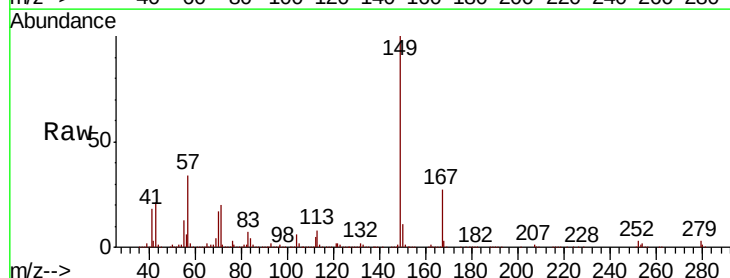
Tgt Ion:149 Resp: 501896

Ion Ratio Lower Upper

149 100

167 27.1 22.6 33.8

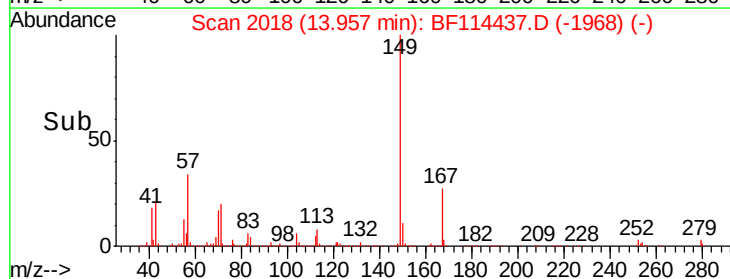
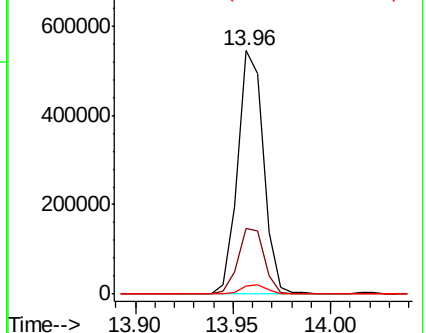
279 3.3 3.0 4.6

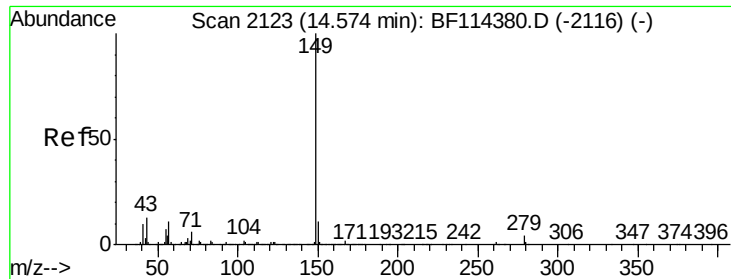


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

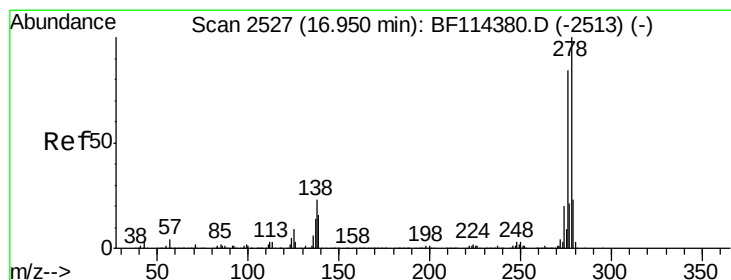
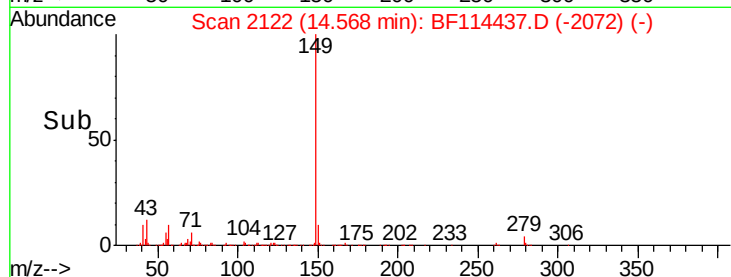
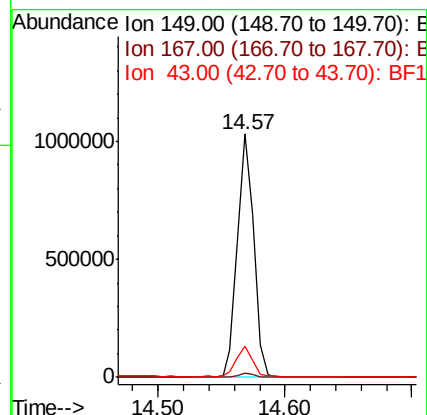
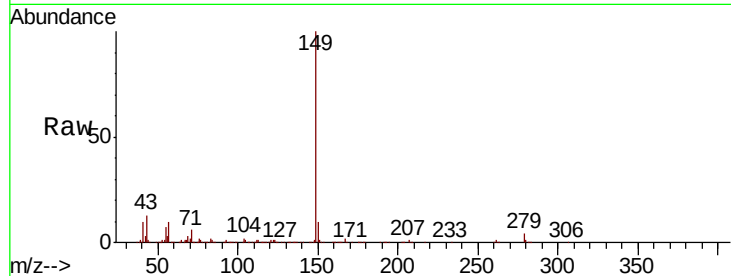




#85
Di-n-octyl phthalate
Concen: 35.166 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

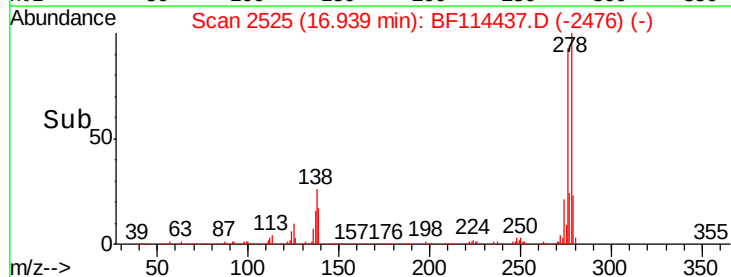
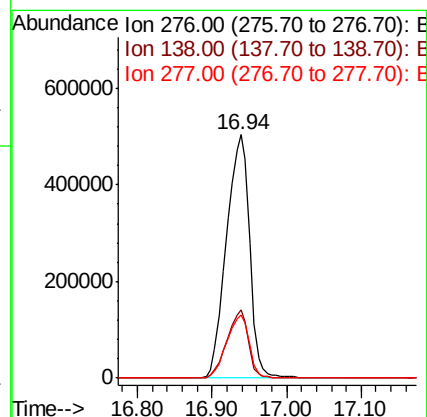
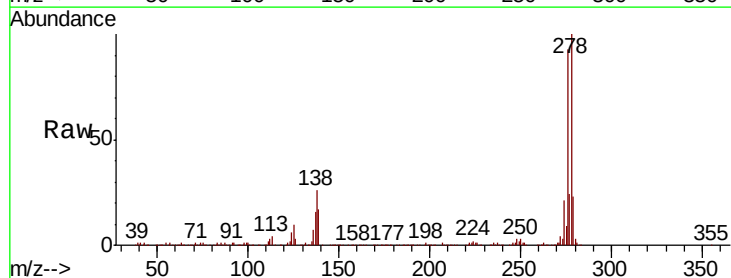
Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

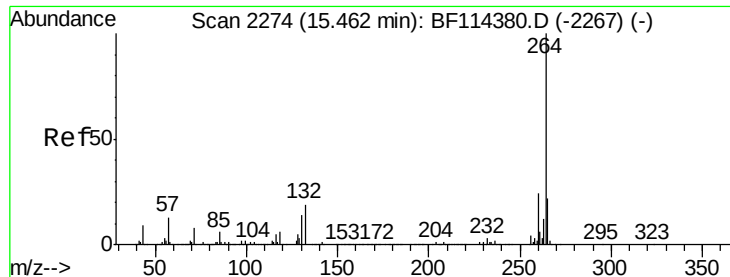
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.2	10.1	15.1



#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	Ratio	Lower	Upper
276	100		
138	25.8	20.2	30.2
277	25.3	20.0	30.0



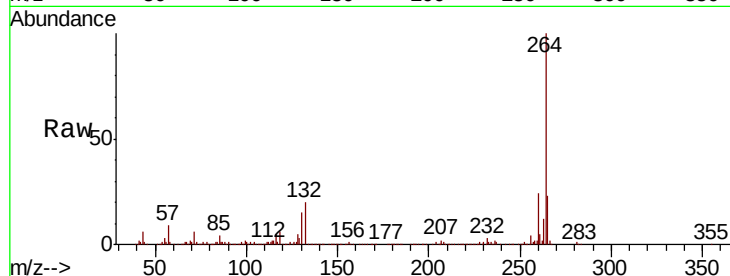


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

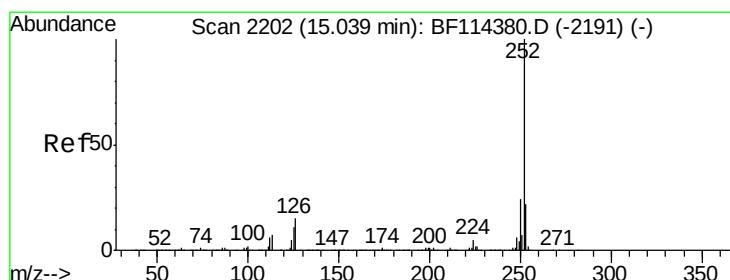
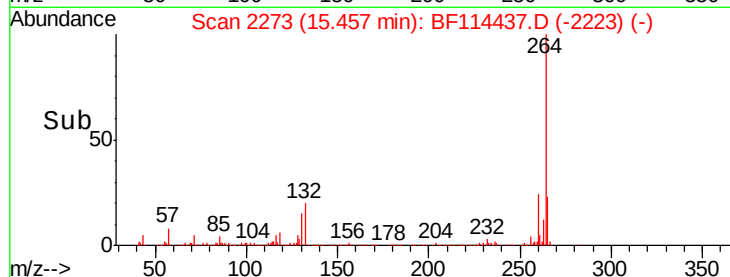
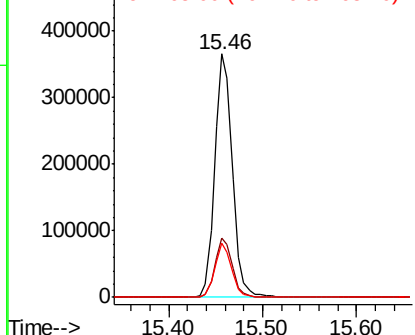
Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

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



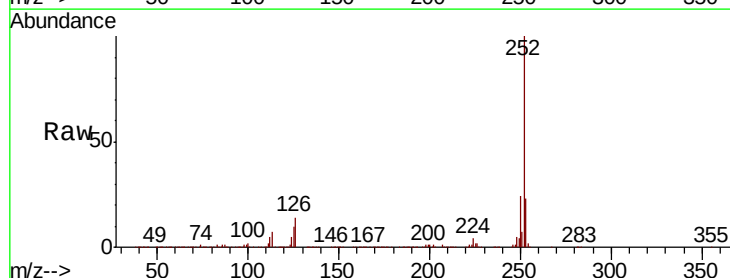
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



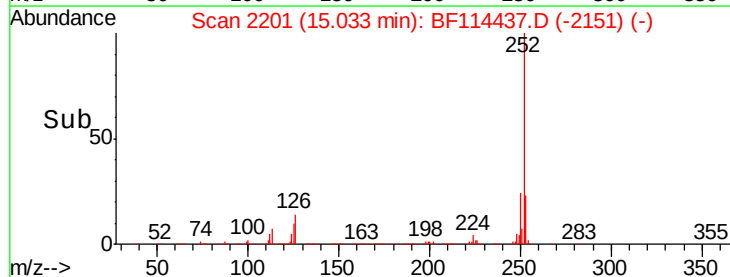
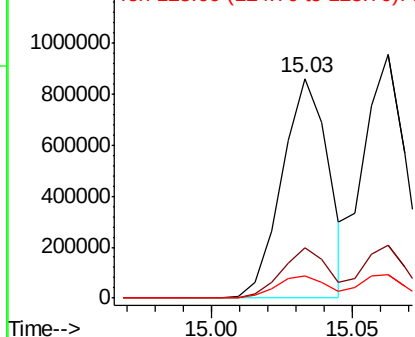
#88
Benzo(b)fluoranthene
Concen: 31.957 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

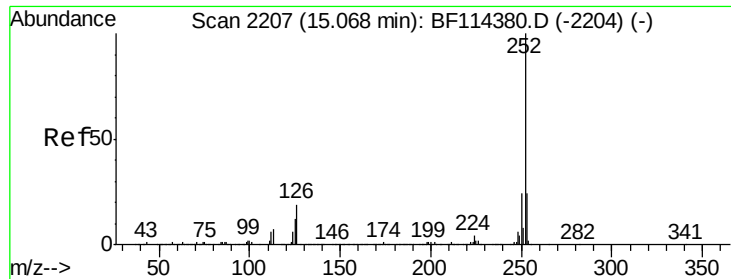
Tgt Ion:252 Resp: 987293

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

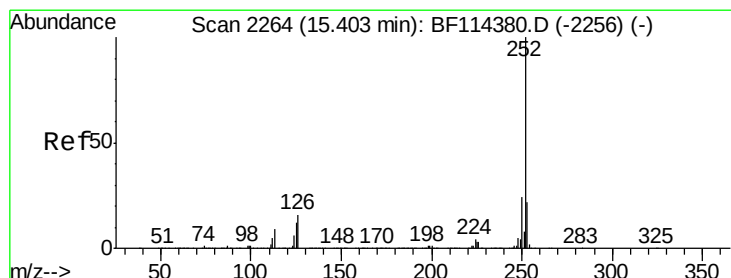
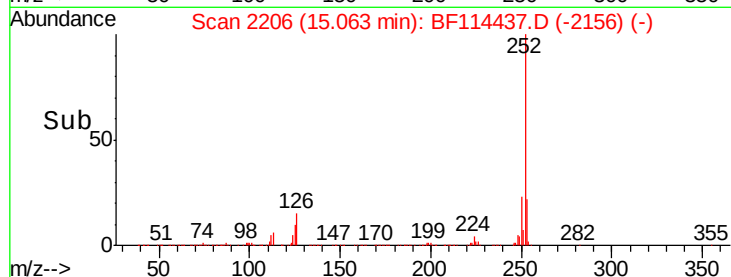
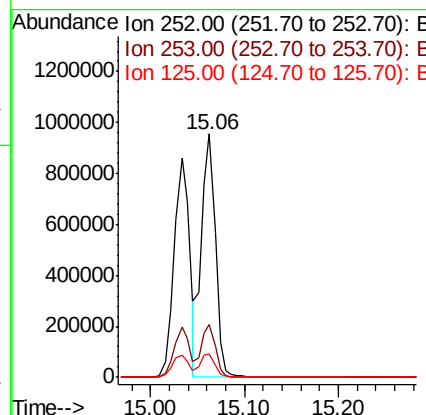
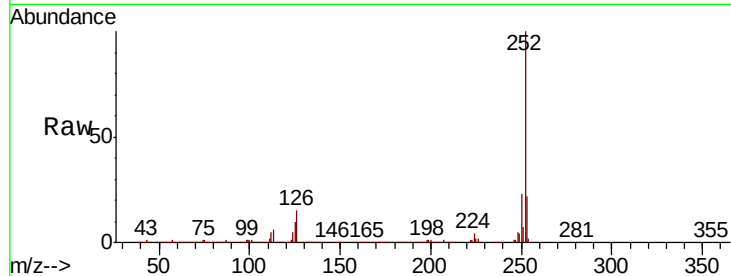




#89
Benzo(k)fluoranthene
Concen: 35.007 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF114437.D
Acq: 20 May 2019 14:32

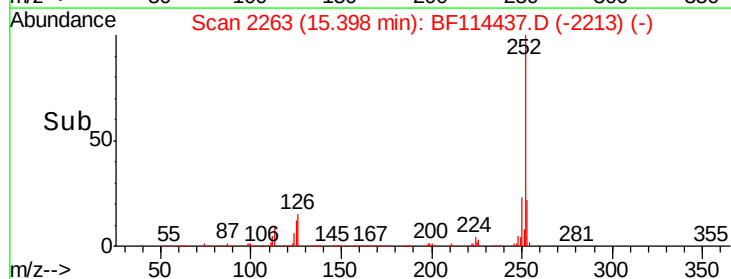
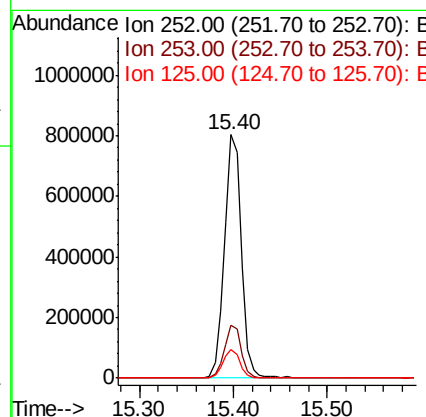
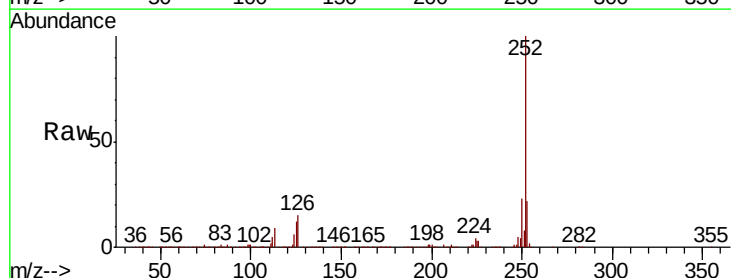
Instrument :
BNA_F
ClientSampleId :
GIS-2MSD

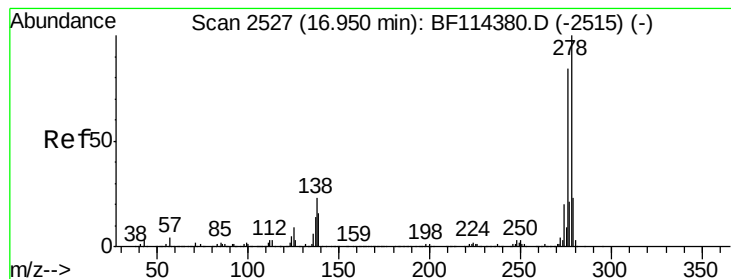
Tot Ion:252 Resp: 993485
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 9.8 8.6 13.0



#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 :

GIS-2MSD

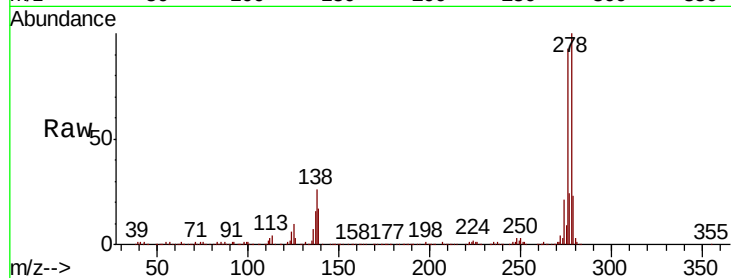
Tot Ion:278 Resp: 937552

Ion Ratio Lower Upper

278 100

139 16.6 13.5 20.3

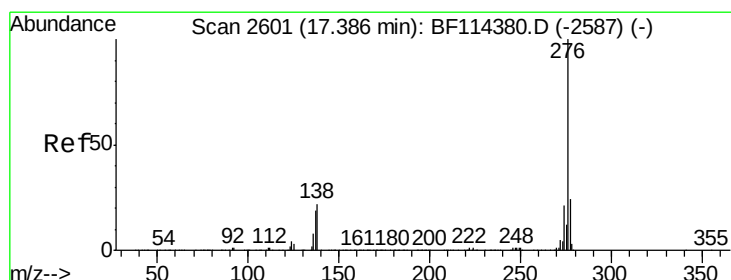
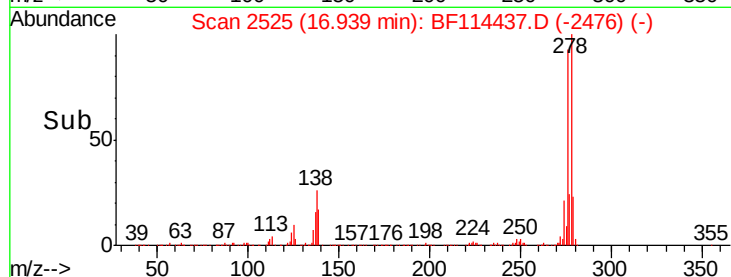
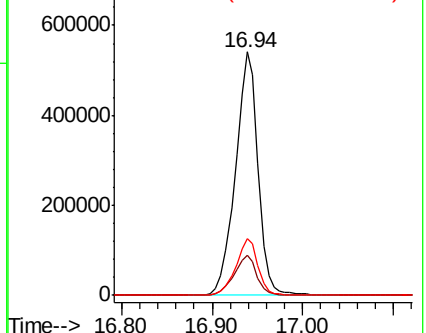
279 23.3 19.0 28.6



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

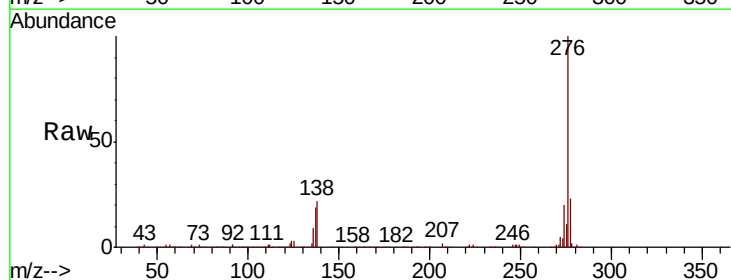
Tgt Ion:276 Resp: 904889

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

