

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117655.D
 Acq On : 31 Oct 2019 13:57
 Operator : JU
 Sample : PB124409BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 18:41:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	35968	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	154353	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	79290	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	132532	20.00	ng	0.00
76) Chrysene-d12	13.90	240	88413	20.00	ng	0.00
87) Perylene-d12	15.34	264	78784	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	200329	82.86	ng	0.00
7) Phenol-d6	6.39	99	283672	87.36	ng	0.00
23) Nitrobenzene-d5	7.30	82	250394	80.09	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	52823	76.99	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	430051	76.42	ng	0.00
79) Terphenyl-d14	12.83	244	438894	80.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	30612	30.116	ng	94
3) Pyridine	3.16	79	66675	26.795	ng	97
4) n-Nitrosodimethylamine	3.10	42	32129	35.591	ng	97
6) Aniline	6.40	93	106458	27.925	ng	# 42
8) 2-Chlorophenol	6.52	128	108958	42.709	ng	99
9) Benzaldehyde	6.28	77	61233	38.423	ng	97
10) Phenol	6.40	94	136170	41.086	ng	97
11) bis(2-Chloroethyl)ether	6.46	93	101597	41.444	ng	99
12) 1,3-Dichlorobenzene	6.67	146	107543	37.775	ng	95
13) 1,4-Dichlorobenzene	6.75	146	112282	38.878	ng	98
14) 1,2-Dichlorobenzene	6.90	146	106133	38.986	ng	97
15) Benzyl Alcohol	6.89	79	101004	43.537	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	102220	38.654	ng	# 42
17) 2-Methylphenol	7.01	107	89481	42.637	ng	93
18) Hexachloroethane	7.23	117	40500	35.928	ng	91
19) n-Nitroso-di-n-propylamine	7.15	70	80279	40.481	ng	95
20) 3+4-Methylphenols	7.17	107	115481	41.969	ng	# 63
22) Acetophenone	7.15	105	157281	38.374	ng	# 94
24) Nitrobenzene	7.32	77	121182	40.466	ng	99
25) Isophorone	7.56	82	211957	39.188	ng	99
26) 2-Nitrophenol	7.63	139	56320	42.168	ng	94
27) 2,4-Dimethylphenol	7.68	122	96187	48.189	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	127266	38.132	ng	98
29) 2,4-Dichlorophenol	7.89	162	86143	41.146	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	83623	37.220	ng	98
31) Naphthalene	8.03	128	313809	41.017	ng	99
32) Benzoic acid	7.85	122	44344	32.435	ng	99
33) 4-Chloroaniline	8.10	127	58579	18.142	ng	98
34) Hexachlorobutadiene	8.15	225	45390	34.904	ng	97
35) Caprolactam	8.47	113	20737	30.833	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	105541	44.202	ng	95
37) 2-Methylnaphthalene	8.72	142	214069	41.524	ng	98
38) 1-Methylnaphthalene	8.82	142	198901	41.059	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	77589	36.332	ng	97

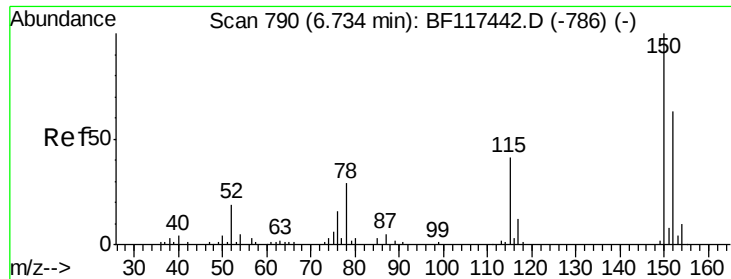
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
 Data File : BF117655.D
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 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	20704	46.520	nq	92
43) 2,4,6-Trichlorophenol	9.02	196	52016	38.894	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	53282	39.317	nq	95
46) 1,1'-Biphenyl	9.19	154	249426	37.998	nq	98
47) 2-Chloronaphthalene	9.22	162	193081	39.012	nq	97
48) 2-Nitroaniline	9.32	65	69087	42.522	nq	90
49) Acenaphthylene	9.63	152	310468	42.708	nq	99
50) Dimethylphthalate	9.49	163	224407	39.700	nq	99
51) 2,6-Dinitrotoluene	9.56	165	50561	42.865	nq	91
52) Acenaphthene	9.80	154	180825	40.543	nq	99
53) 3-Nitroaniline	9.74	138	34461	24.079	nq	99
54) 2,4-Dinitrophenol	9.87	184	31104	64.657	nq	99
55) Dibenzofuran	9.97	168	273447	42.317	nq	96
56) 4-Nitrophenol	9.97	139	155009	227.277	nq	# 13
57) 2,4-Dinitrotoluene	9.98	165	69388	44.246	nq	# 88
58) Fluorene	10.32	166	229129	42.879	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	39724	37.295	nq	# 94
60) Diethylphthalate	10.19	149	225879	39.508	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	95556	39.857	nq	98
62) 4-Nitroaniline	10.36	138	53755	39.849	nq	97
63) Azobenzene	10.46	77	246427	42.104	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	25418	37.722	nq	94
66) n-Nitrosodiphenylamine	10.42	169	194725	40.190	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	53345	37.369	nq	98
68) Hexachlorobenzene	10.87	284	55429	36.256	nq	98
69) Atrazine	10.96	200	59929	48.616	nq	98
70) Pentachlorophenol	11.08	266	19296	42.103	nq	97
71) Phenanthrene	11.28	178	317474	41.254	nq	99
72) Anthracene	11.33	178	338553	42.875	nq	100
73) Carbazole	11.49	167	316128	43.809	nq	99
74) Di-n-butylphthalate	11.80	149	369850	38.358	nq	99
75) Fluoranthene	12.47	202	331647	43.049	nq	99
77) Benzidine	12.59	184	134368	64.825	nq	98
78) Pyrene	12.70	202	333736	43.946	nq	99
80) Butylbenzylphthalate	13.30	149	153837	40.708	nq	92
81) Benzo(a)anthracene	13.89	228	248999	41.752	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	55393	29.600	nq	# 96
83) Chrysene	13.93	228	244115	41.765	nq	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	202671	38.285	nq	97
85) Di-n-octyl phthalate	14.47	149	327262	40.208	nq	100
86) Indeno(1,2,3-cd)pyrene	16.76	276	200684	45.988	nq	98
88) Benzo(b)fluoranthene	14.93	252	198346	42.634	nq	98
89) Benzo(k)fluoranthene	14.95	252	196957	41.305	nq	97
90) Benzo(a)pyrene	15.28	252	173132	40.931	nq	97
91) Dibenzo(a,h)anthracene	16.76	278	167986	45.929	nq	98
92) Benzo(g,h,i)perylene	17.19	276	169052	48.850	nq	97

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

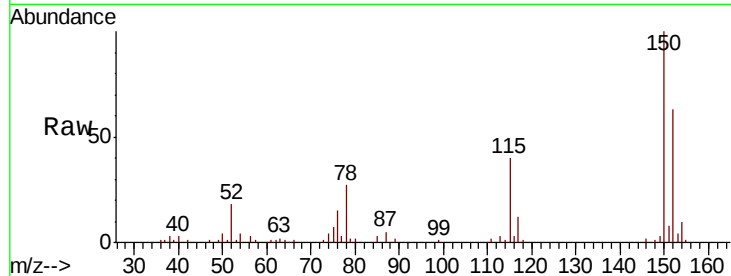


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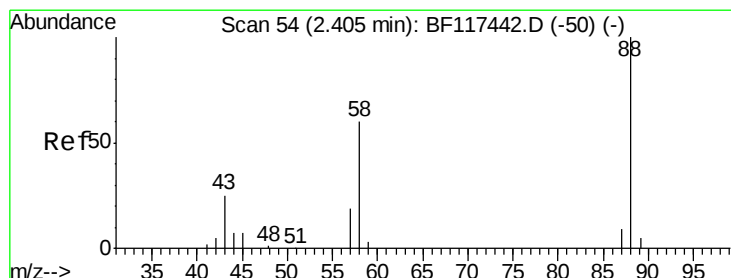
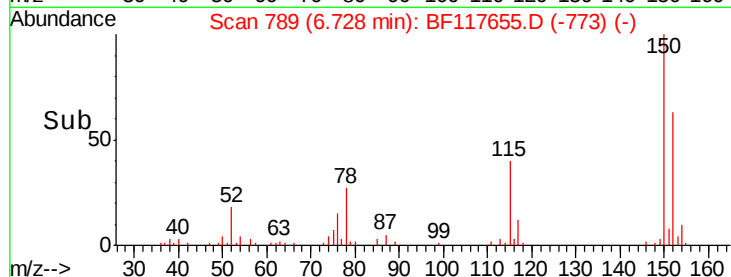
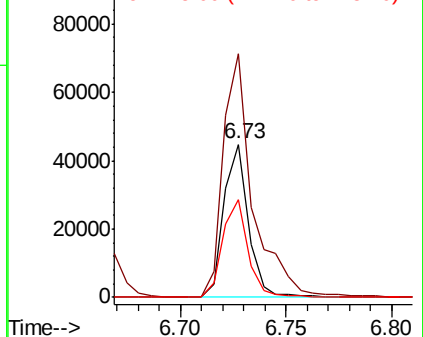
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 35968
Ion Ratio Lower Upper
152 100
150 159.0 126.8 190.2
115 63.8 51.6 77.4



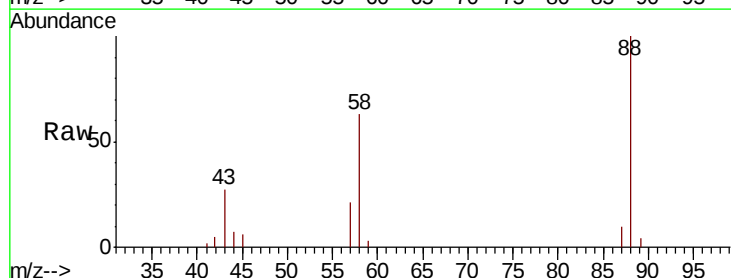
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



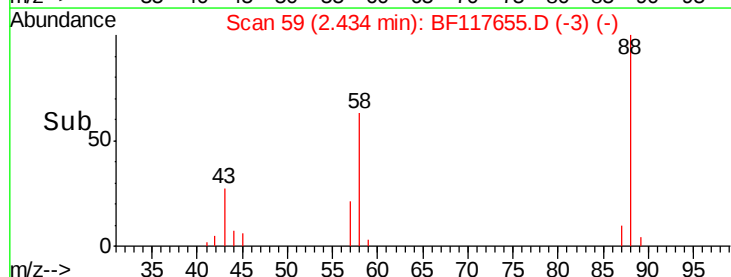
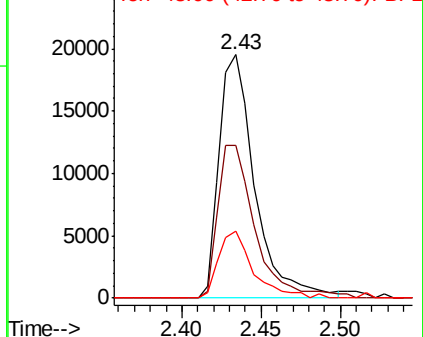
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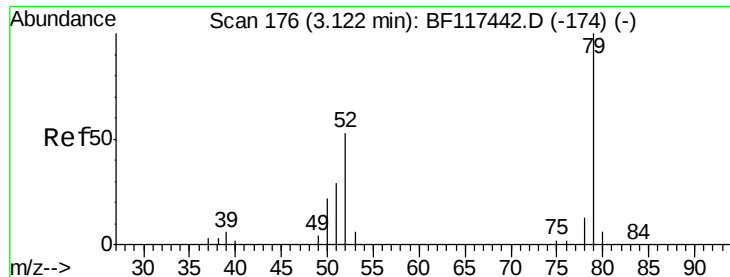
1,4-Dioxane
Concen: 30.116 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.03 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion: 88 Resp: 30612
Ion Ratio Lower Upper
88 100
58 65.3 48.8 73.2
43 26.8 18.5 27.7



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: 26.795 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.04 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

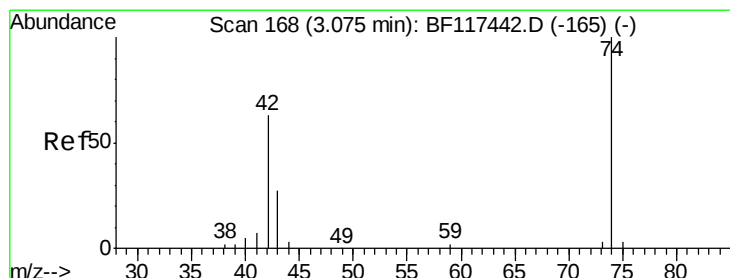
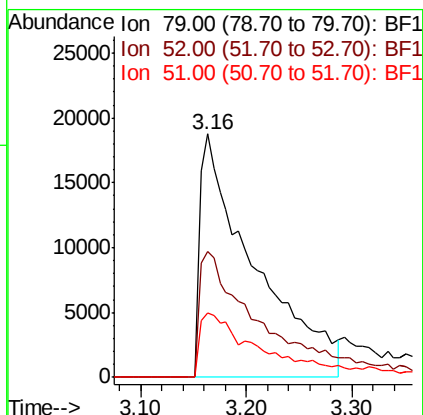
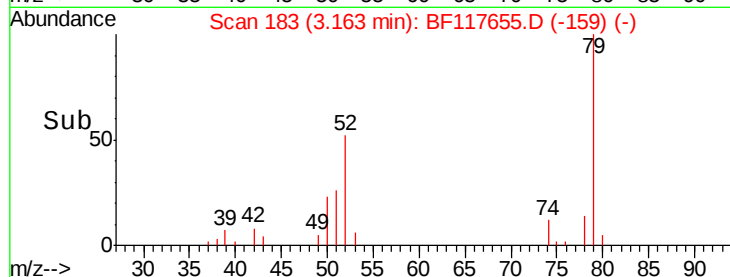
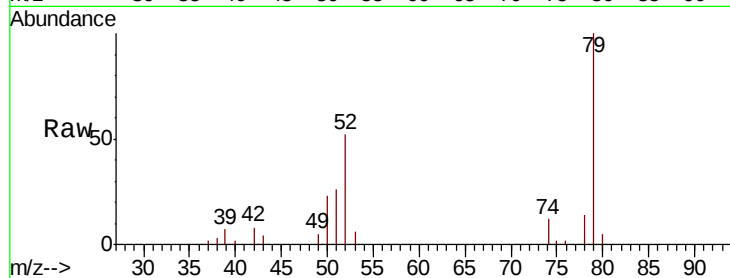
Tot Ion: 79 Resp: 66675

Ion Ratio Lower Upper

79 100

52 51.7 42.4 63.6

51 26.3 23.3 34.9



#4

n-Nitrosodimethylamine

Concen: 35.591 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.03 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

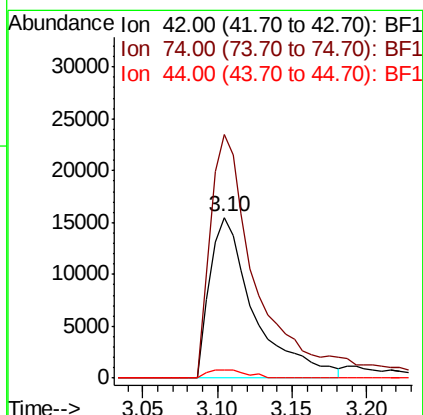
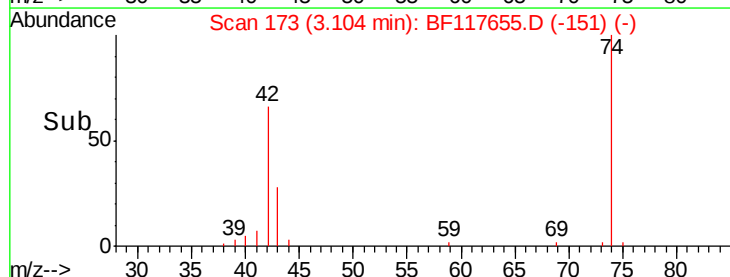
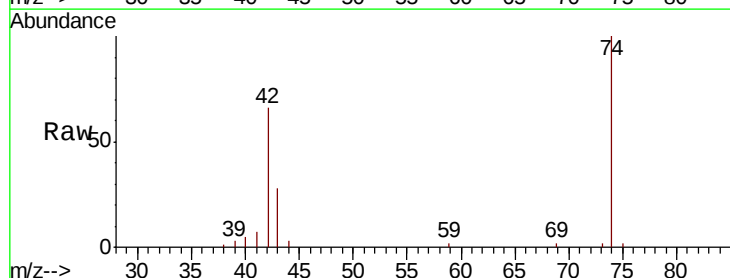
Tgt Ion: 42 Resp: 32129

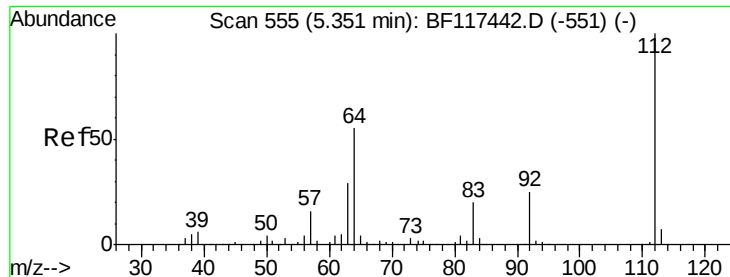
Ion Ratio Lower Upper

42 100

74 151.3 124.2 186.4

44 5.1 4.2 6.4





#5

2-Fluorophenol

Concen: 82.860 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

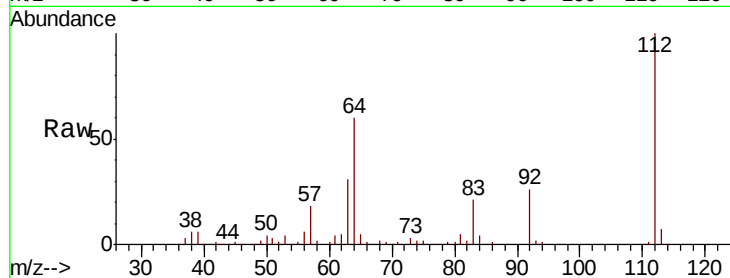
Tot Ion:112 Resp: 200329

Ion Ratio Lower Upper

112 100

64 60.4 44.1 66.1

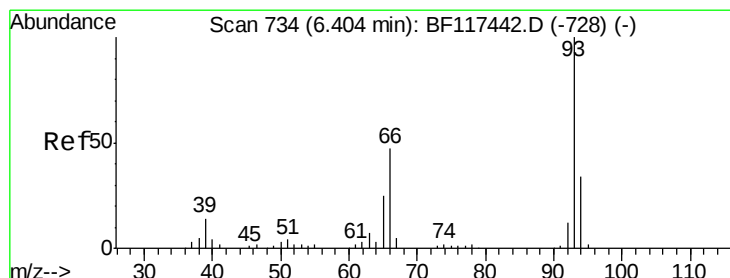
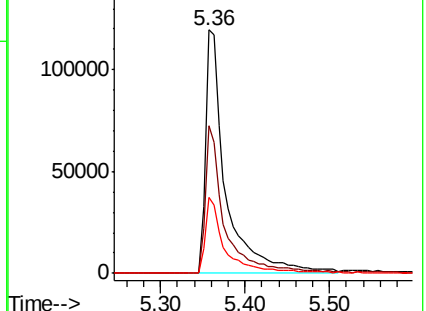
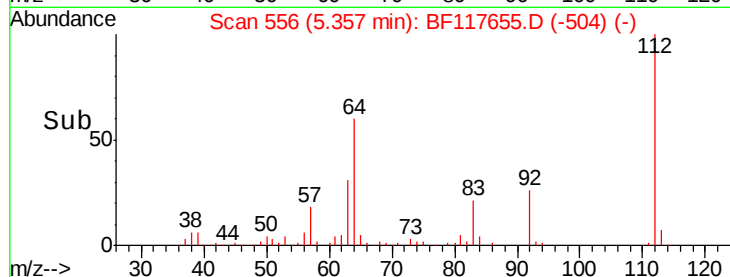
63 30.9 23.4 35.2



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: 27.925 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

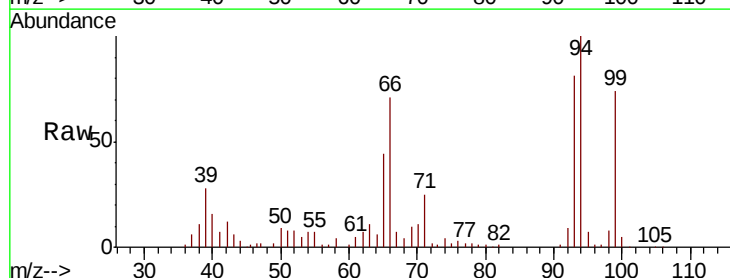
Tgt Ion: 93 Resp: 106458

Ion Ratio Lower Upper

93 100

66 87.4 38.7 58.1#

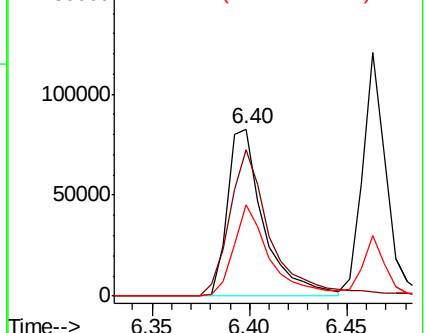
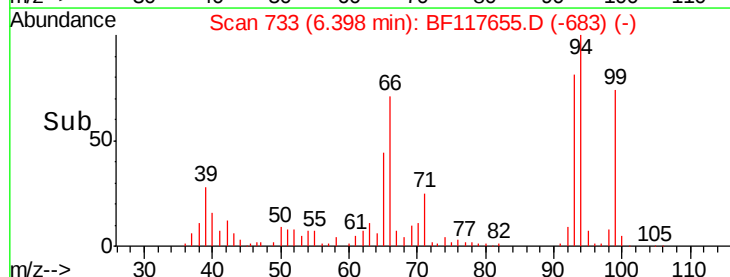
65 54.5 20.1 30.1#

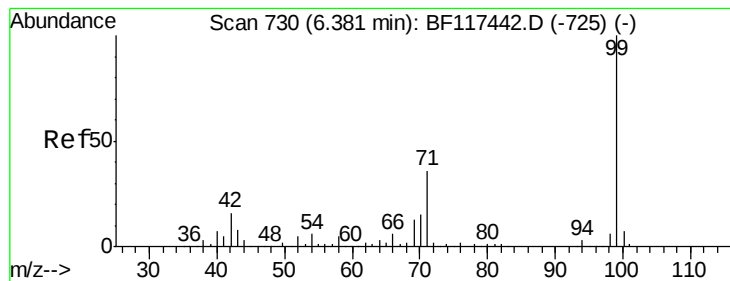


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.358 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

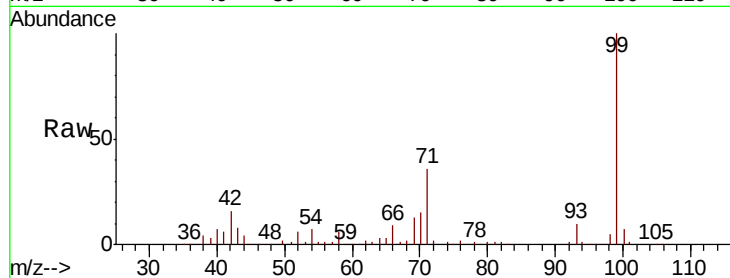
Tot Ion: 99 Resp: 283672

Ion Ratio Lower Upper

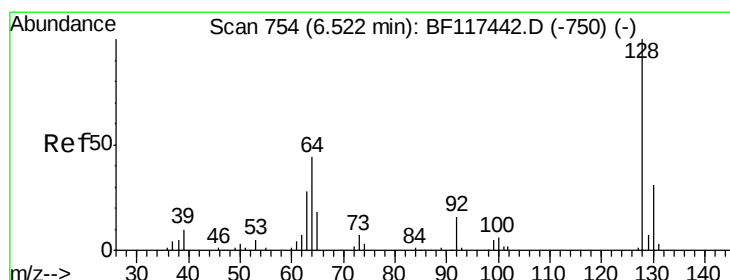
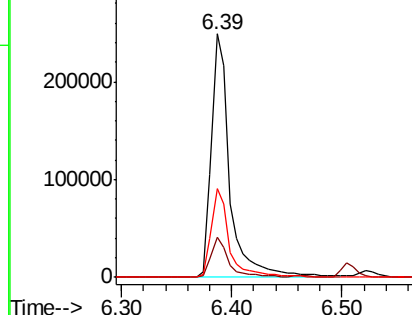
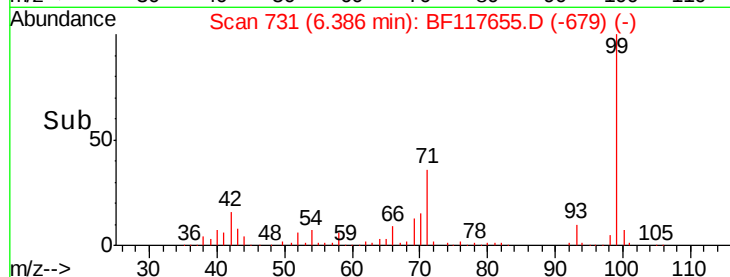
99 100

42 16.4 12.8 19.2

71 36.4 28.6 43.0



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: 42.709 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

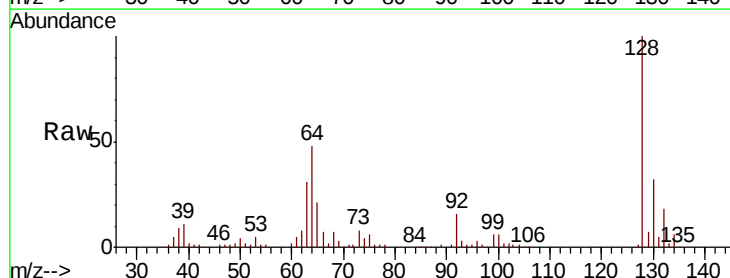
Tgt Ion: 128 Resp: 108958

Ion Ratio Lower Upper

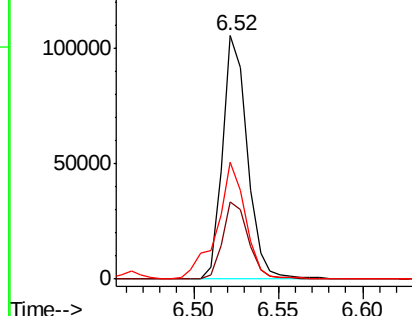
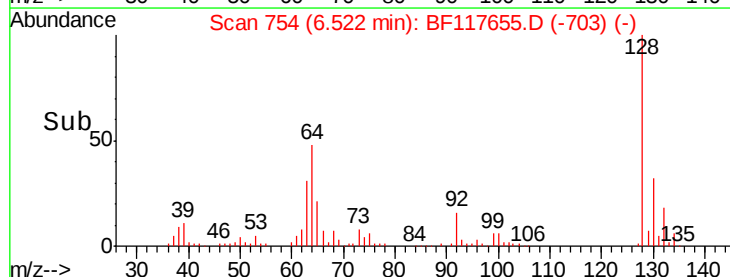
128 100

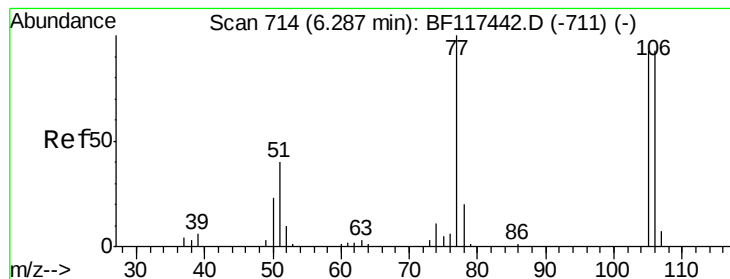
130 31.5 11.1 51.1

64 47.9 27.1 67.1



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: 38.423 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampled :

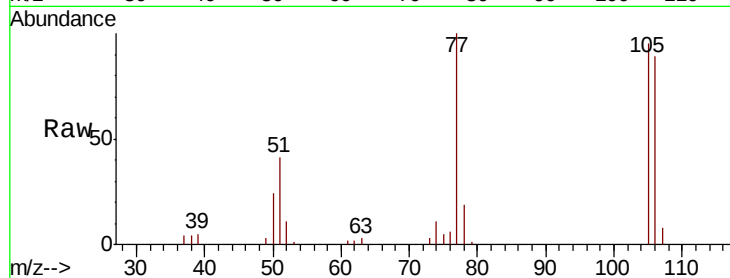
Tot Ion: 77 Resp: 61233

Ion Ratio Lower Upper

77 100

105 94.6 73.4 113.4

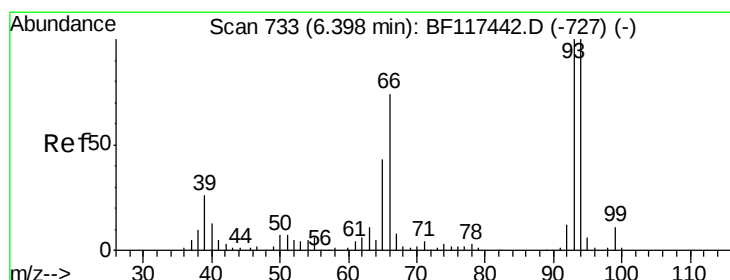
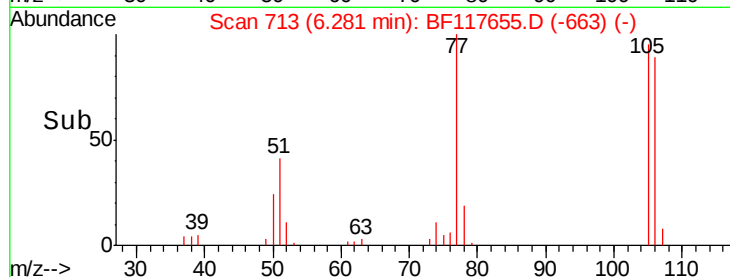
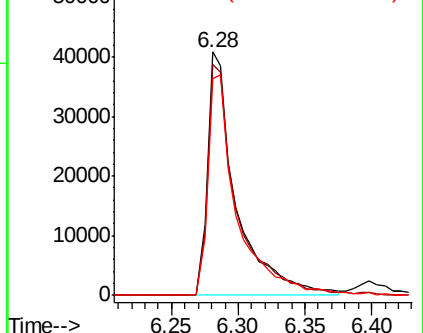
106 89.2 73.0 113.0



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: 41.086 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

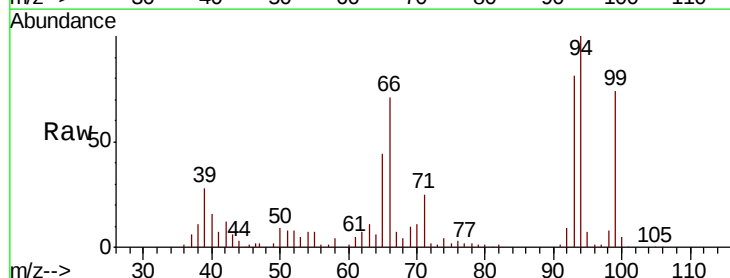
Tgt Ion: 94 Resp: 136170

Ion Ratio Lower Upper

94 100

65 44.2 23.4 63.4

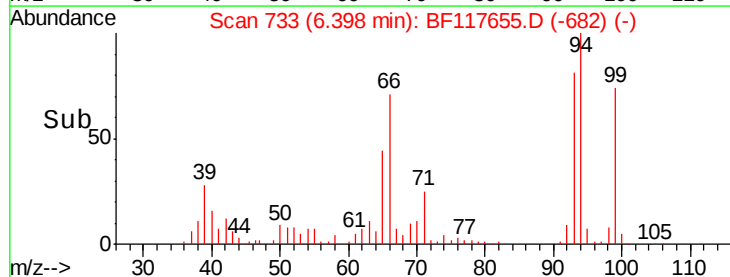
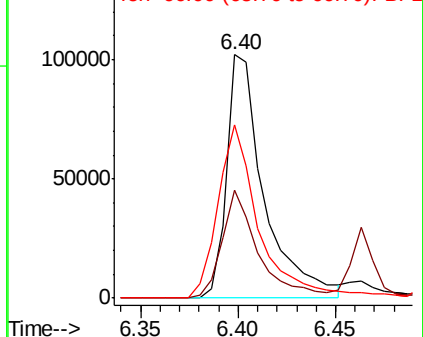
66 70.9 54.7 94.7

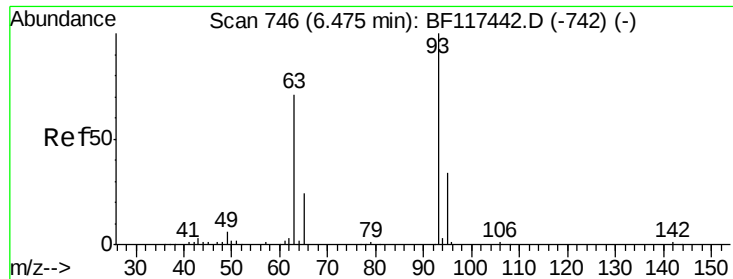


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

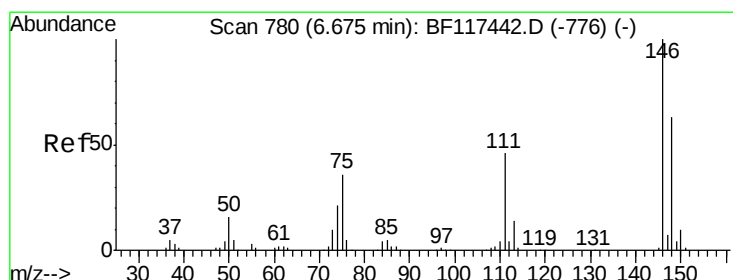
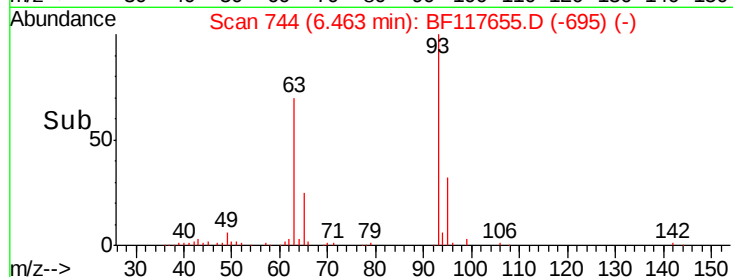
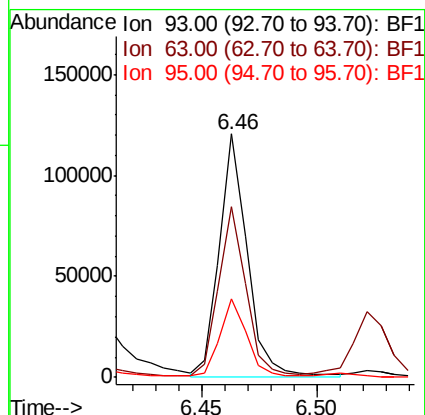
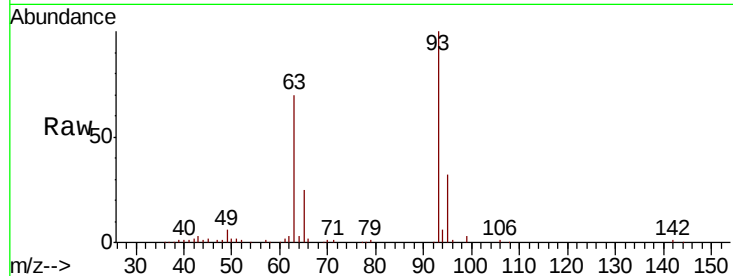




#11
bis(2-Chloroethyl)ether
Concen: 41.444 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

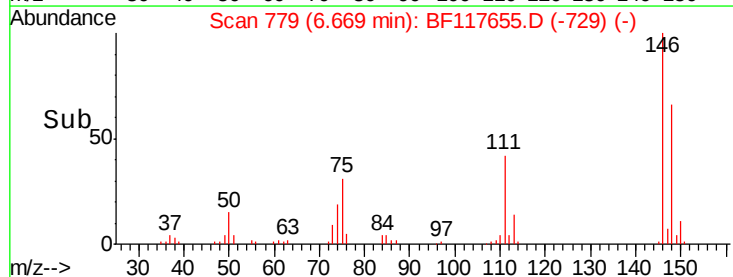
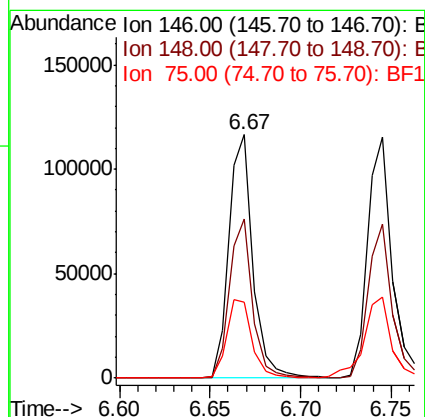
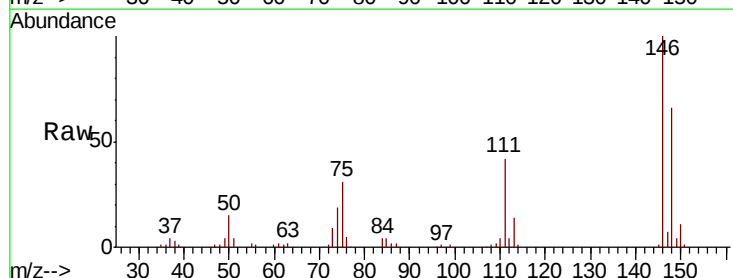
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 101597
Ion Ratio Lower Upper
93 100
63 70.3 50.2 90.2
95 32.1 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 37.775 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion: 146 Resp: 107543
Ion Ratio Lower Upper
146 100
148 65.5 50.6 75.8
75 31.3 28.6 43.0

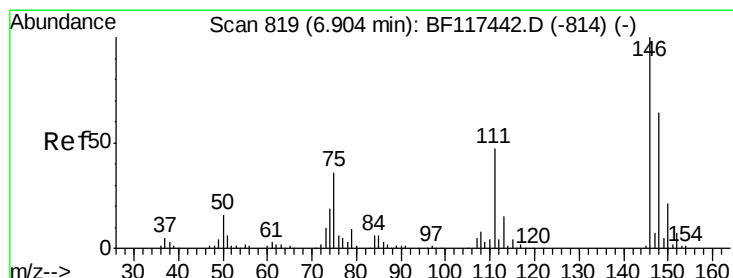
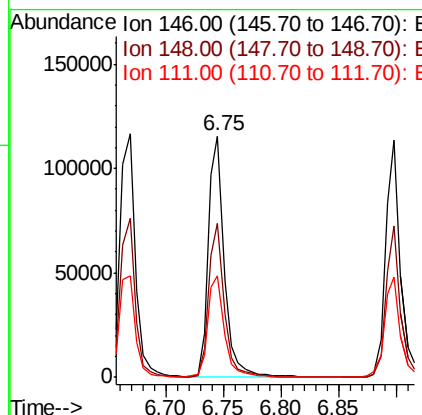
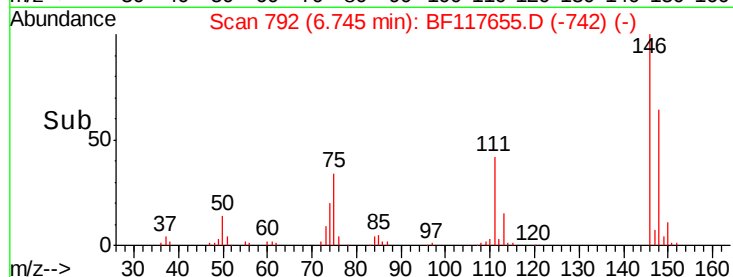
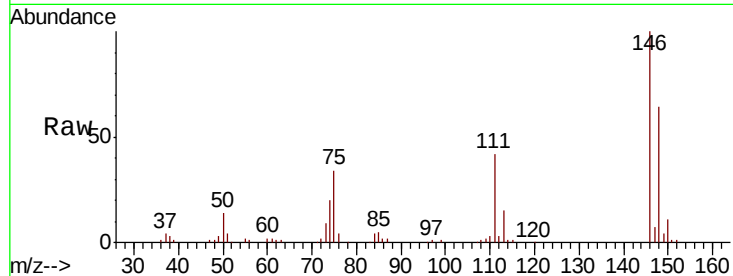




#13
 1,4-Dichlorobenzene
 Concen: 38.878 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

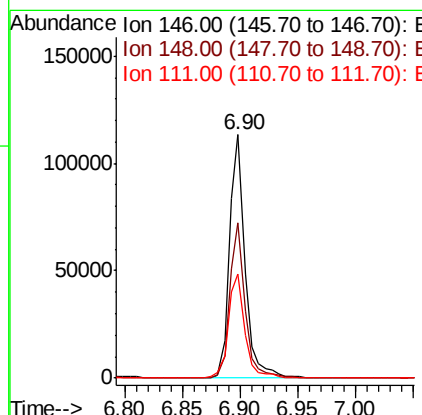
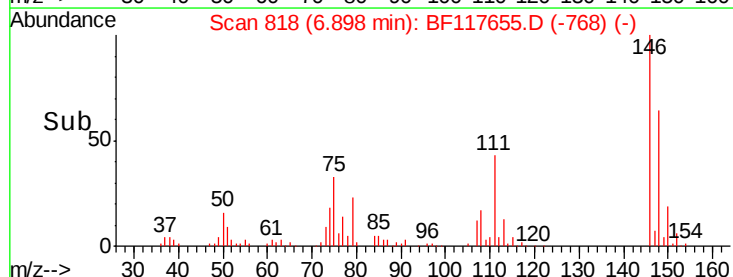
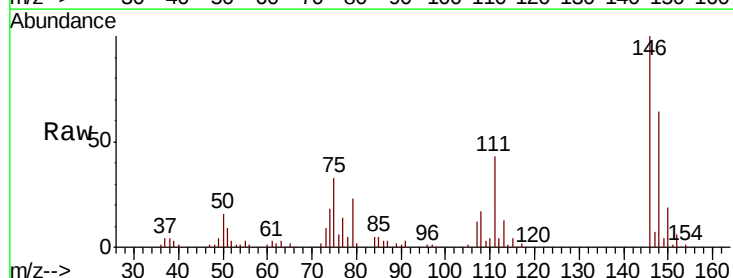
Instrument :
 BNA_F
 ClientSampleID :

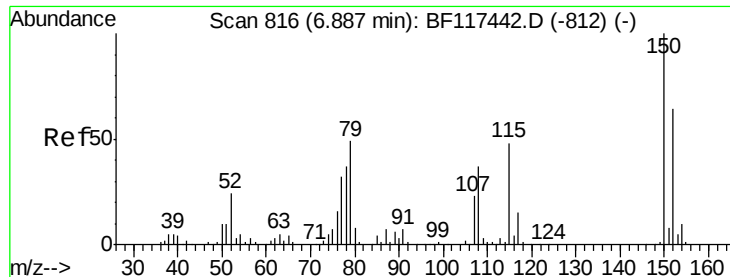
Tot Ion:146 Resp: 112282
 Ion Ratio Lower Upper
 146 100
 148 63.8 49.3 73.9
 111 42.1 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 38.986 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion:146 Resp: 106133
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 42.6 37.7 56.5

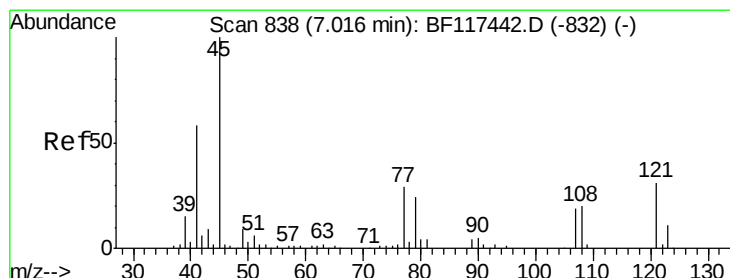
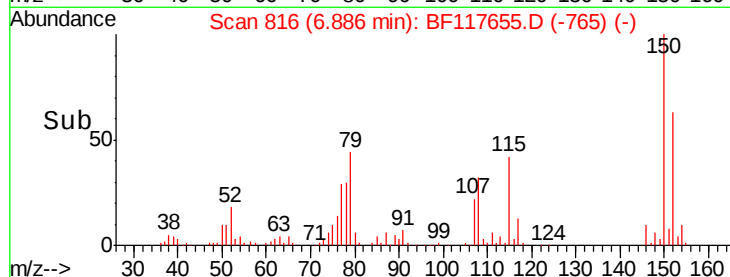
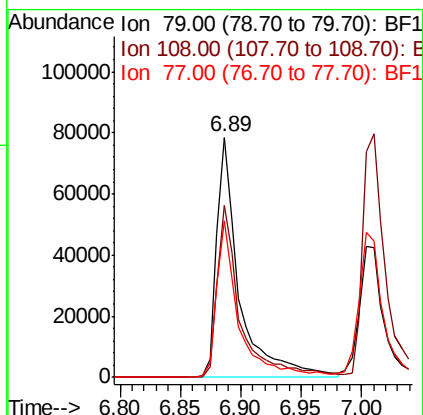
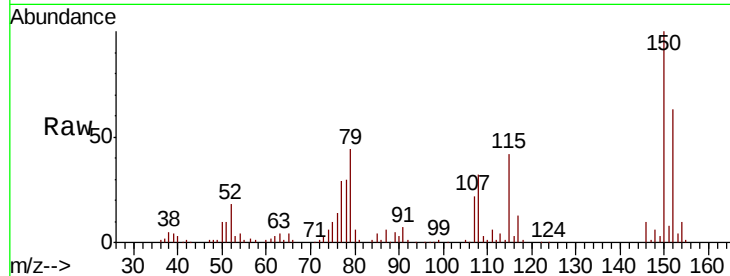




#15
Benzyl Alcohol
Concen: 43.537 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

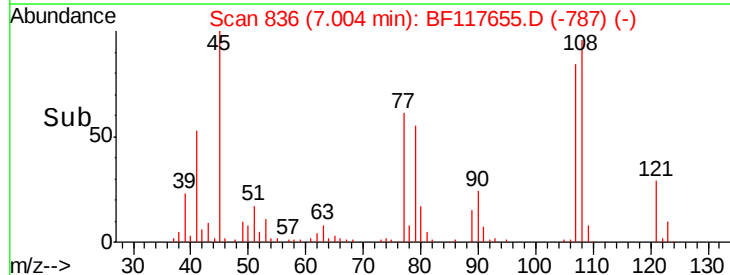
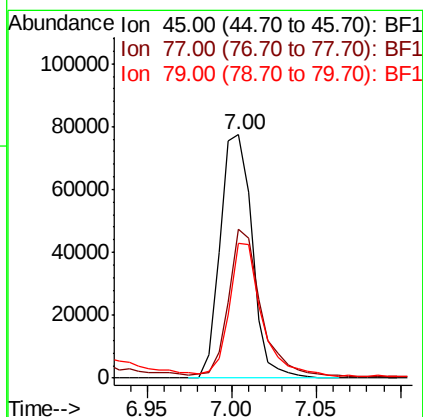
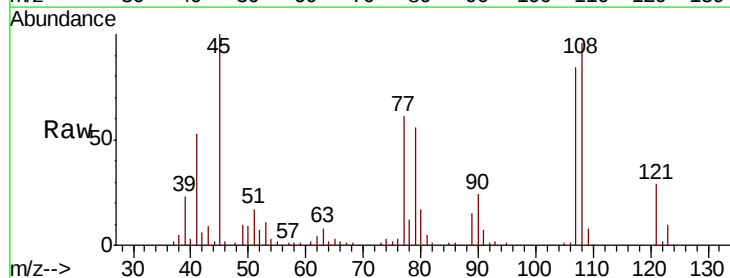
Instrument :
BNA_F
ClientSampleId :

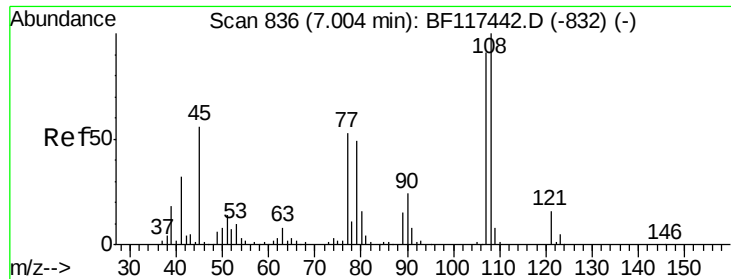
Tot Ion: 79 Resp: 101004
Ion Ratio Lower Upper
79 100
108 71.8 59.8 89.8
77 65.4 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.654 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion: 45 Resp: 102220
Ion Ratio Lower Upper
45 100
77 61.0 9.9 49.9#
79 55.6 5.5 45.5#

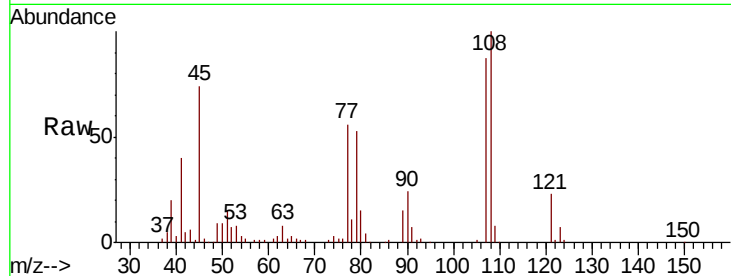




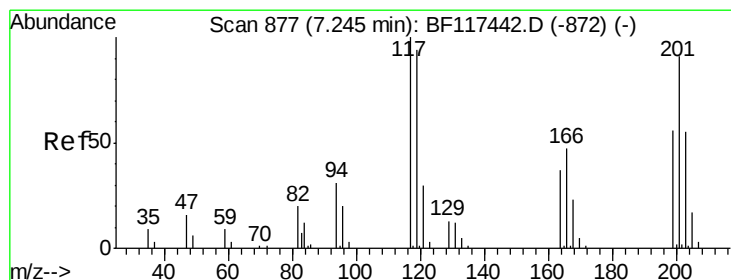
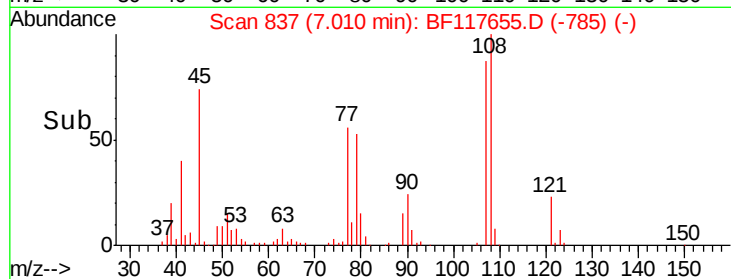
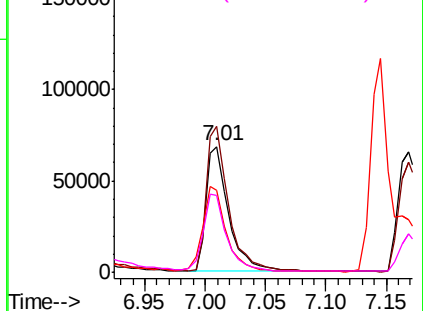
#17
2-Methylphenol
Concen: 42.637 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 89481
Ion Ratio Lower Upper
107 100
108 115.5 88.0 132.0
77 64.8 47.2 70.8
79 61.5 44.1 66.1

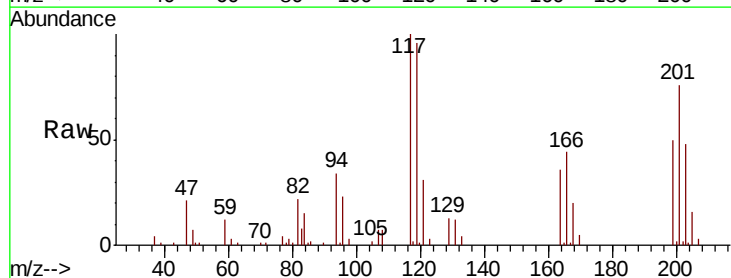


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

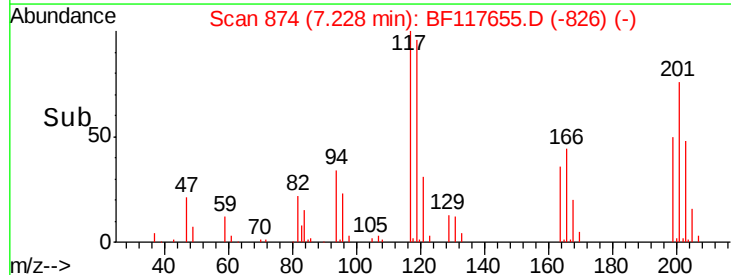
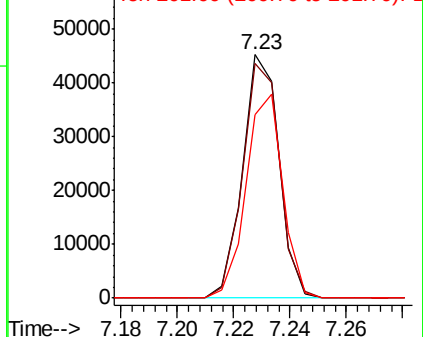


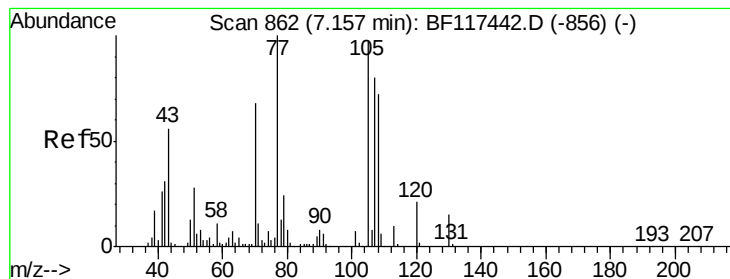
#18
Hexachloroethane
Concen: 35.928 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion:117 Resp: 40500
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0
201 75.5 72.5 108.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 40.481 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 80279

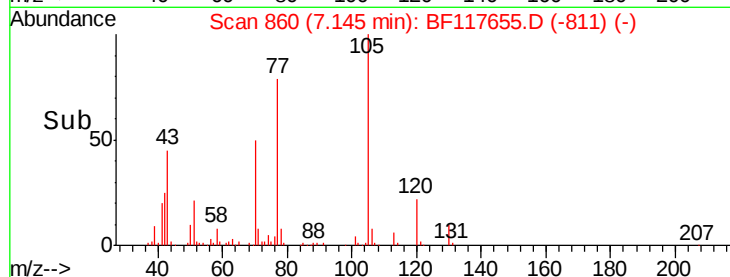
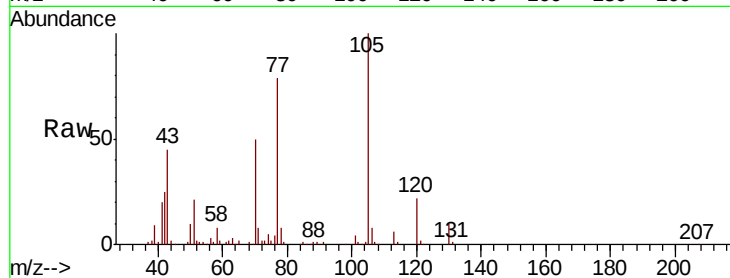
Ion Ratio Lower Upper

70 100

42 49.2 36.7 55.1

101 8.8 8.3 12.5

130 20.3 18.1 27.1



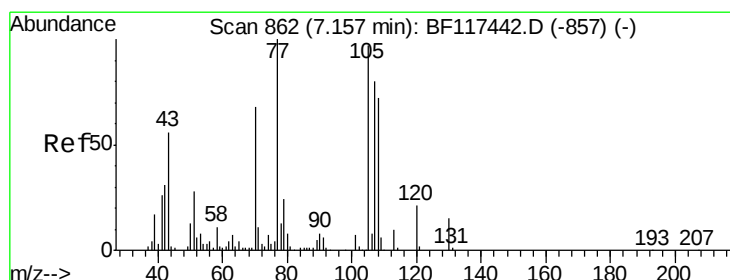
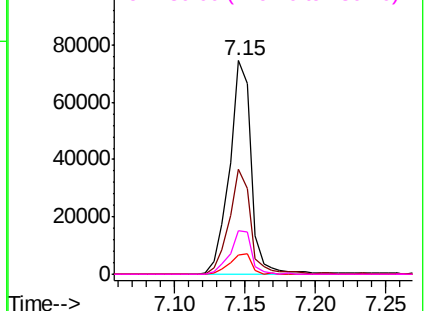
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.969 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion:107 Resp: 115481

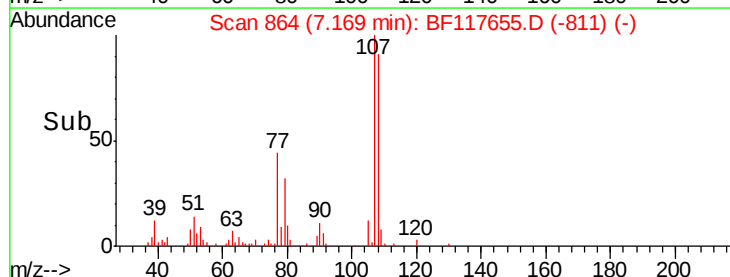
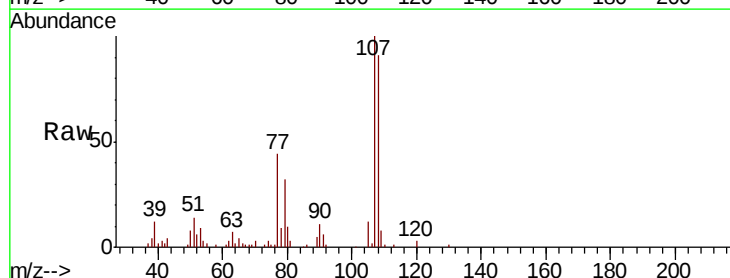
Ion Ratio Lower Upper

107 100

108 91.5 70.3 110.3

77 43.6 104.8 144.8#

79 32.0 10.0 50.0



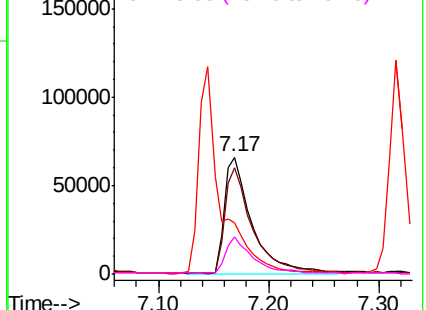
Abundance

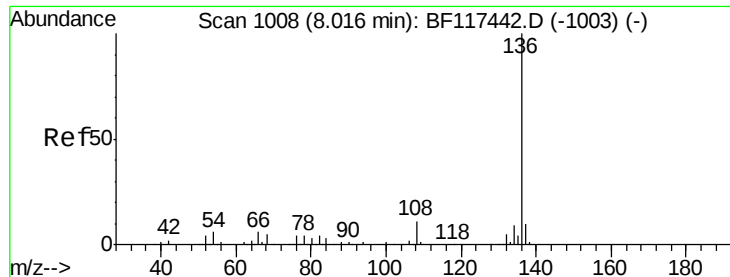
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 154353

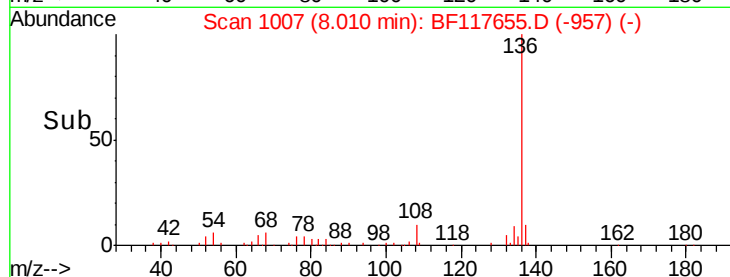
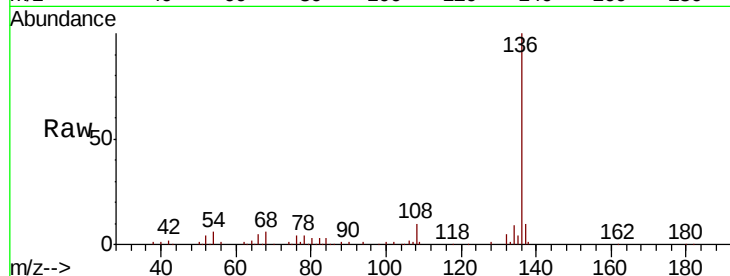
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.4

54 5.8 4.5 6.7

68 5.7 4.3 6.5

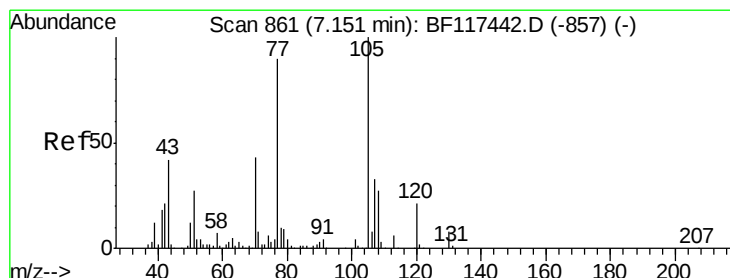
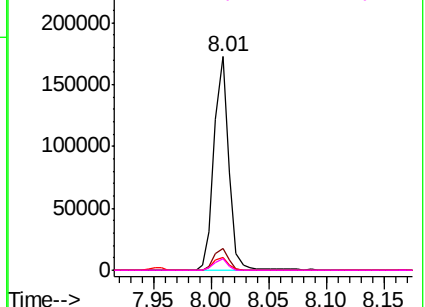


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.374 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion:105 Resp: 157281

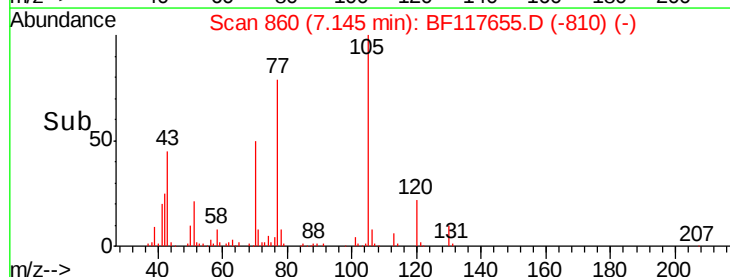
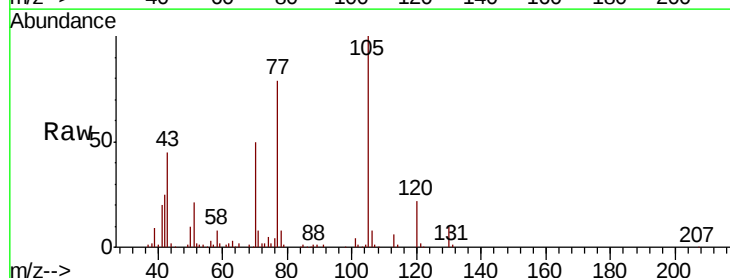
Ion Ratio Lower Upper

105 100

71 8.4 6.2 9.2

51 21.4 21.8 32.6#

120 21.7 16.7 25.1

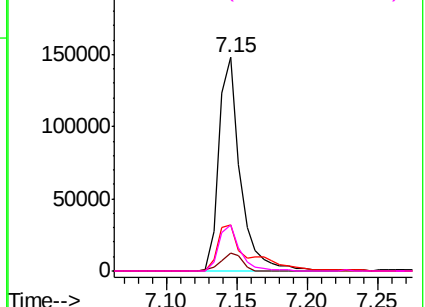


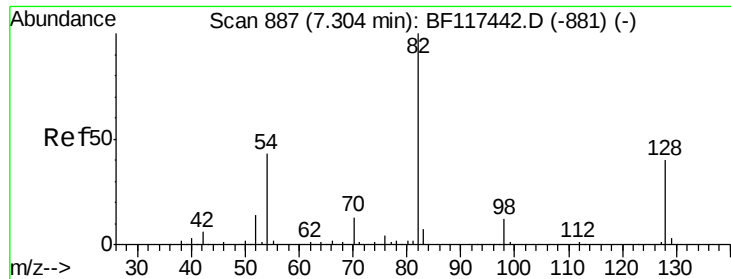
Abundance Ion 105.00 (104.70 to 105.70): E

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

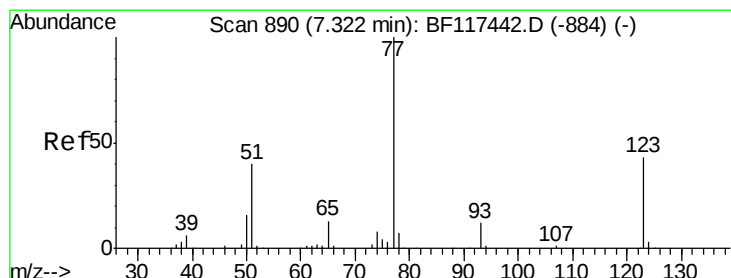
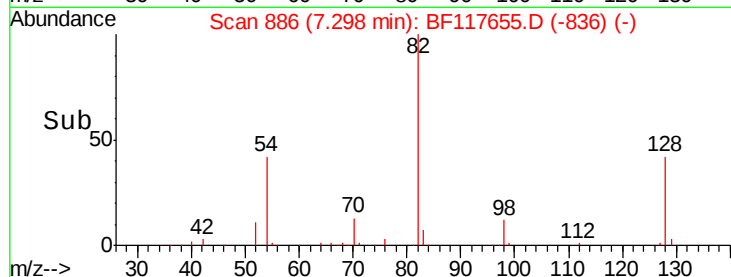
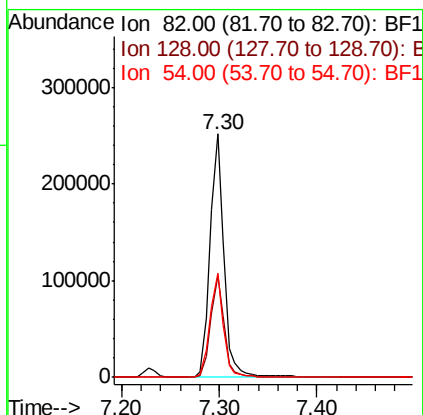
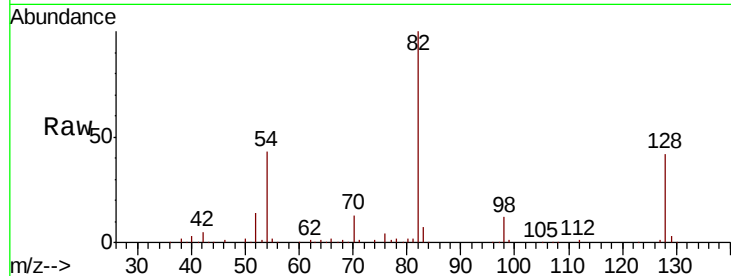




#23
 Nitrobenzene-d5
 Concen: 80.085 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

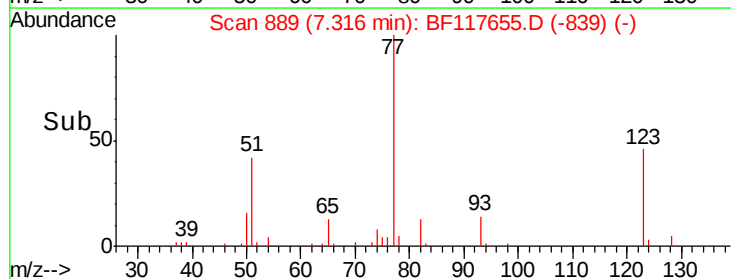
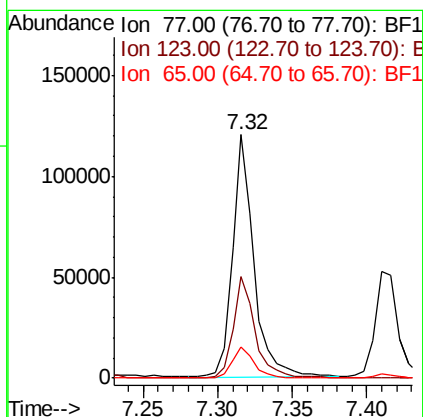
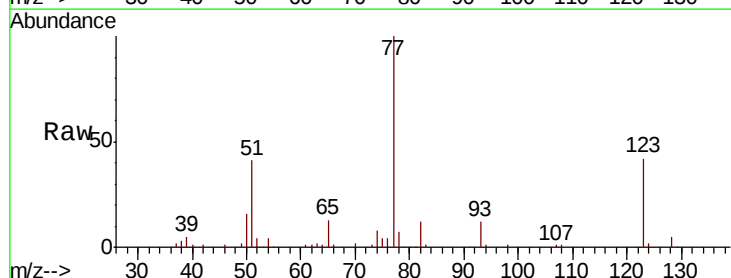
Instrument :
 BNA_F
 ClientSampleId :

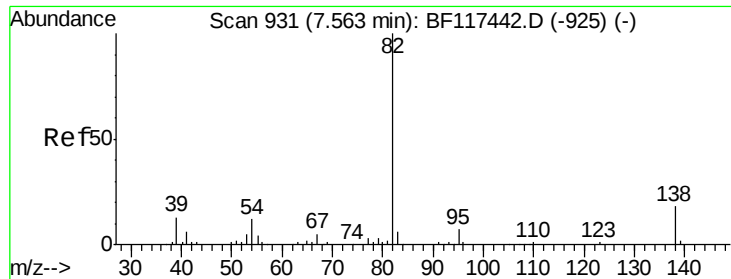
Tot Ion: 82 Resp: 250394
 Ion Ratio Lower Upper
 82 100
 128 41.5 32.2 48.2
 54 42.6 34.2 51.2



#24
 Nitrobenzene
 Concen: 40.466 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion: 77 Resp: 121182
 Ion Ratio Lower Upper
 77 100
 123 41.9 34.2 51.2
 65 12.7 10.3 15.5

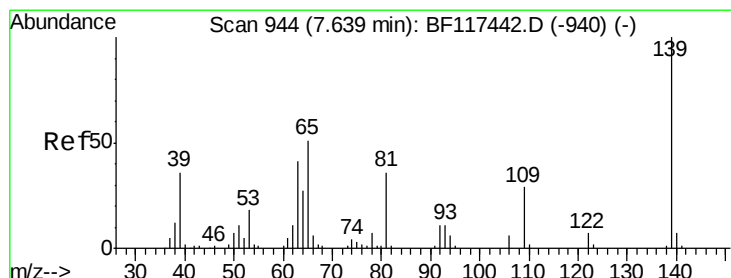
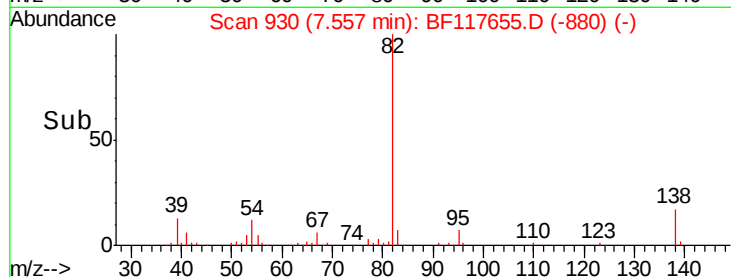
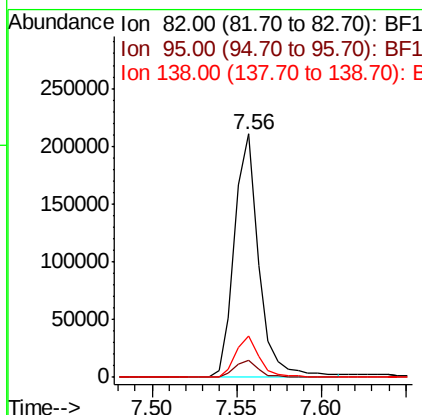
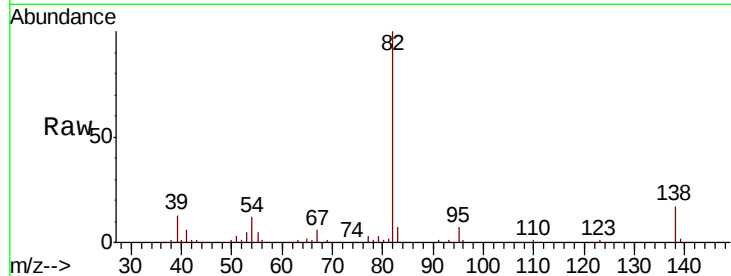




#25
Isophorone
Concen: 39.188 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

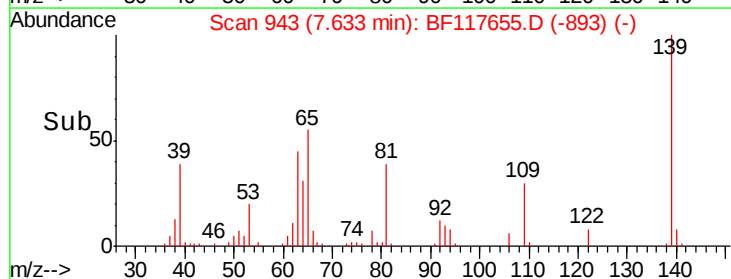
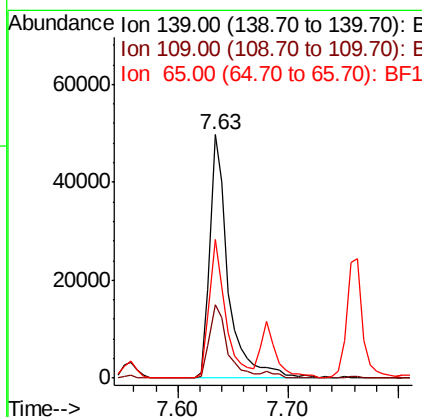
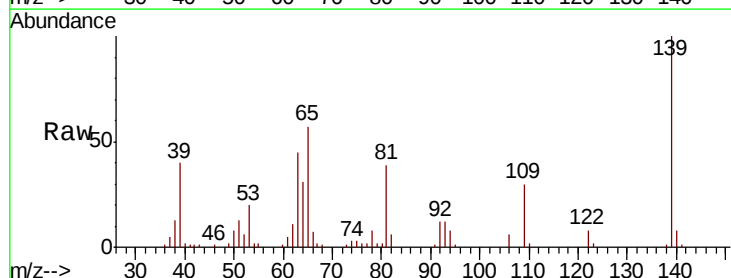
Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	211957
Ion Ratio	100	Lower	Upper
95	6.9	5.4	8.0
138	16.9	14.2	21.2



#26
2-Nitrophenol
Concen: 42.168 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	139	Resp	56320
Ion Ratio	100	Lower	Upper
109	30.1	23.2	34.8
65	57.1	41.1	61.7

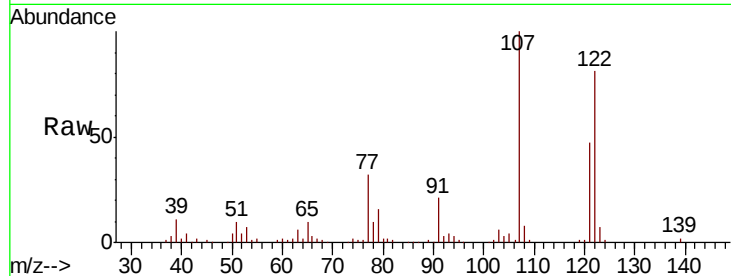




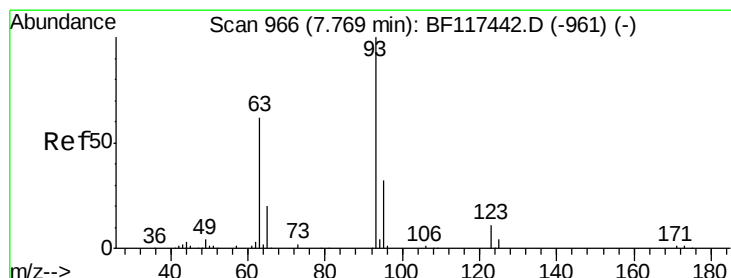
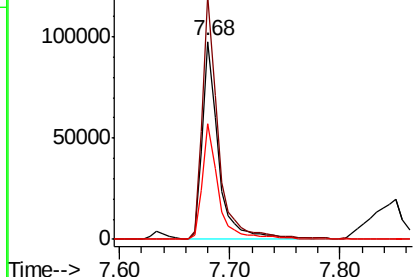
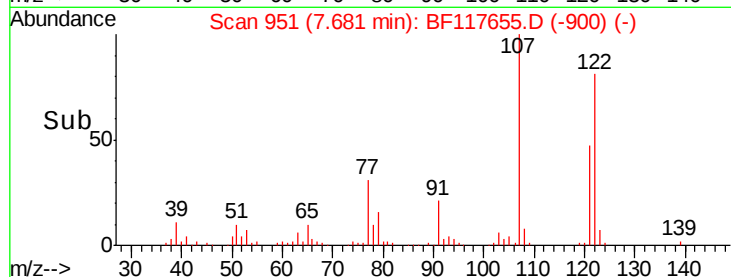
#27
 2,4-Dimethylphenol
 Concen: 48.189 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 96187
 Ion Ratio Lower Upper
 122 100
 107 123.0 96.8 145.2
 121 58.2 46.4 69.6

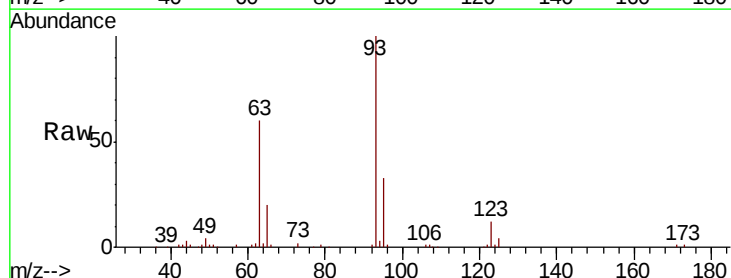


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

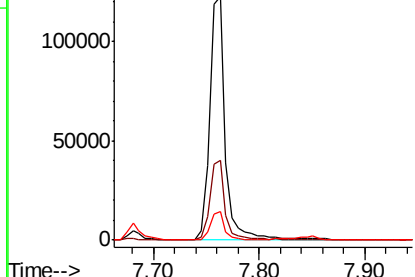
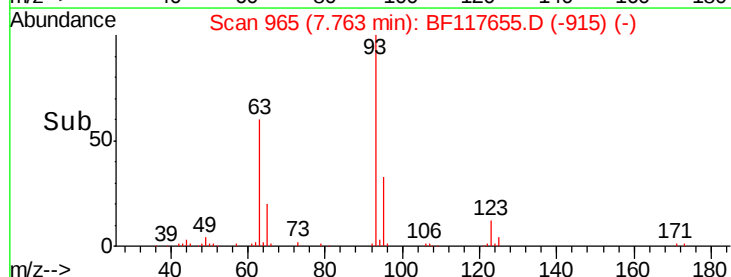


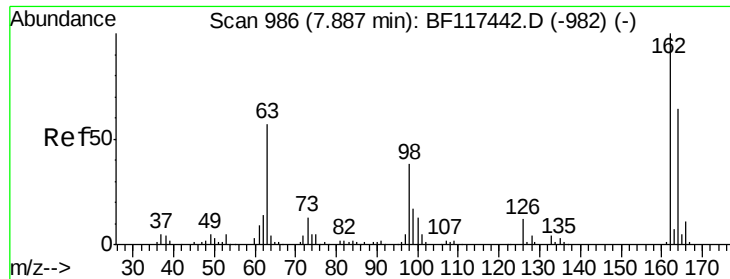
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.132 ng
 RT: 7.76 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion: 93 Resp: 127266
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.5 38.3
 123 11.6 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

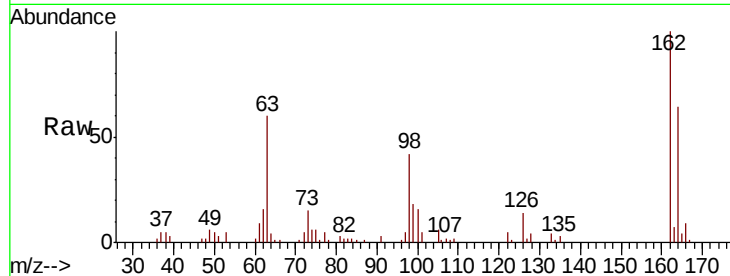




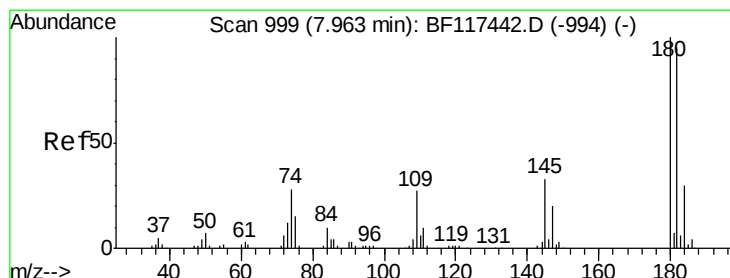
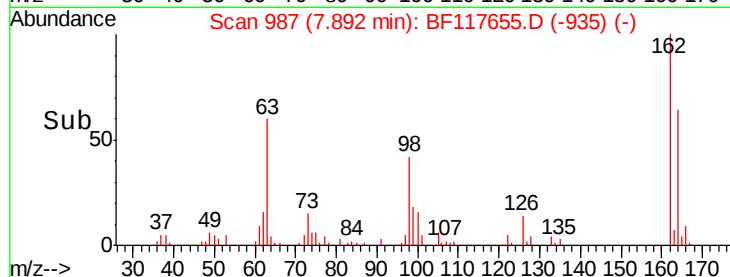
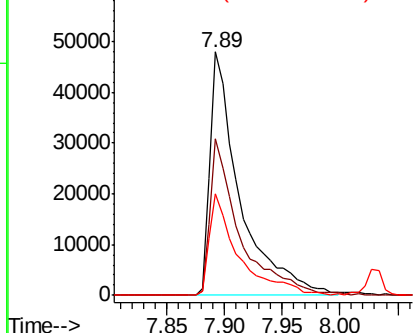
#29
2,4-Dichlorophenol
Concen: 41.146 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 86143
Ion Ratio Lower Upper
162 100
164 64.2 44.4 84.4
98 41.8 18.2 58.2

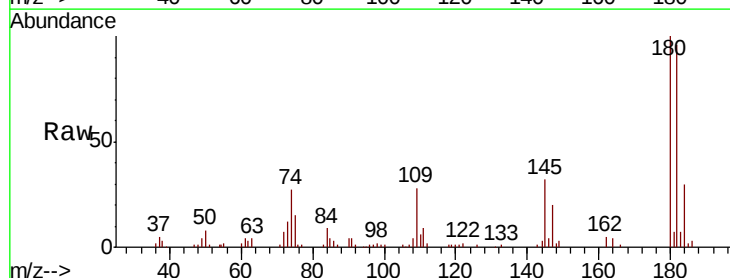


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

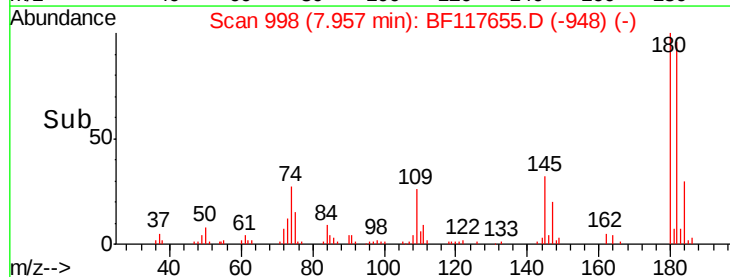
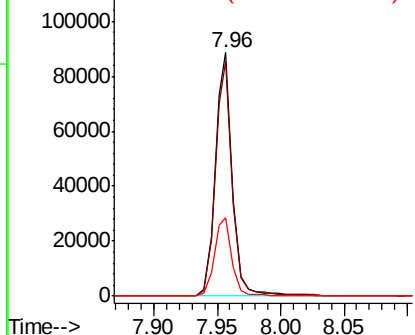


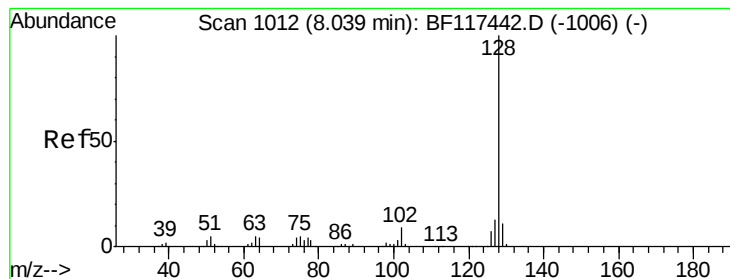
#30
1,2,4-Trichlorobenzene
Concen: 37.220 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion:180 Resp: 83623
Ion Ratio Lower Upper
180 100
182 96.4 75.8 113.8
145 32.4 26.5 39.7



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: 41.017 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

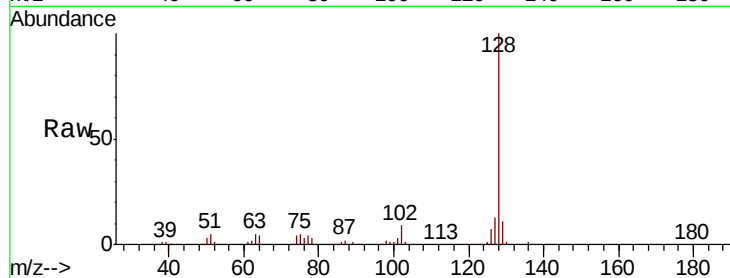
Tot Ion:128 Resp: 313809

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

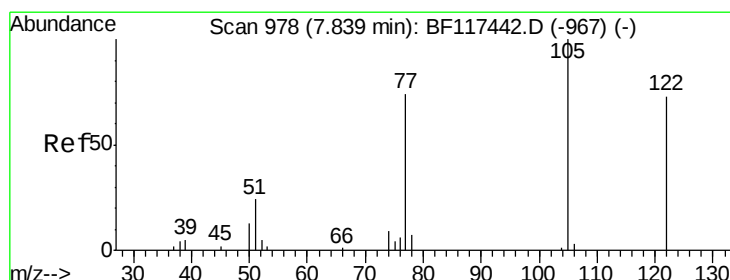
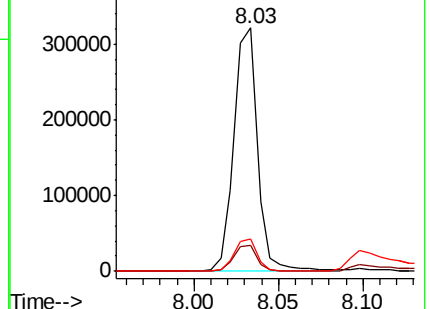
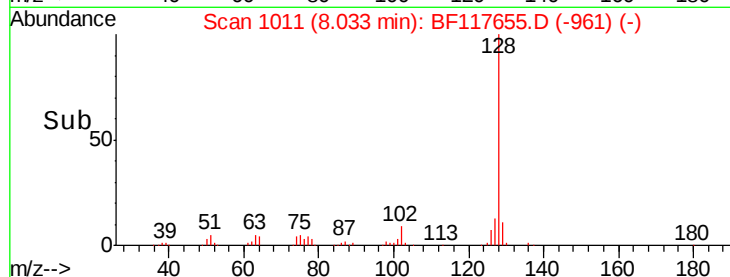
127 13.1 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.435 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

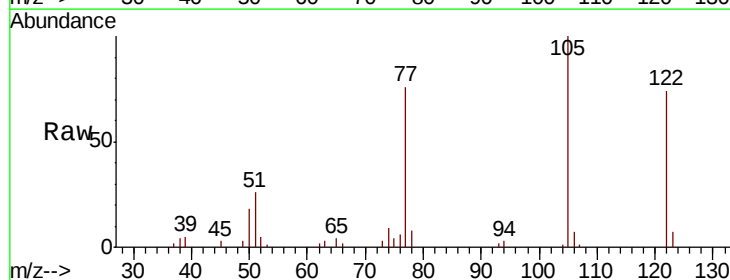
Tgt Ion:122 Resp: 44344

Ion Ratio Lower Upper

122 100

105 134.6 115.0 155.0

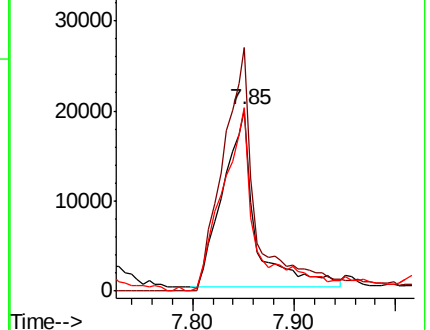
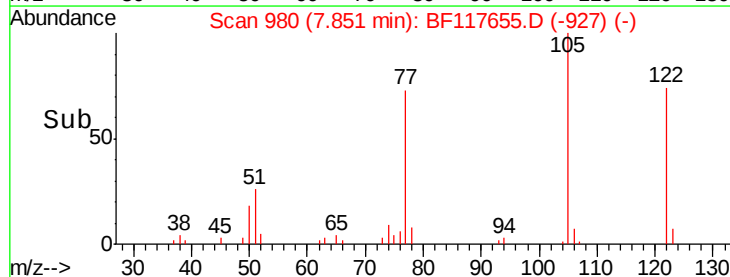
77 101.6 79.7 119.7

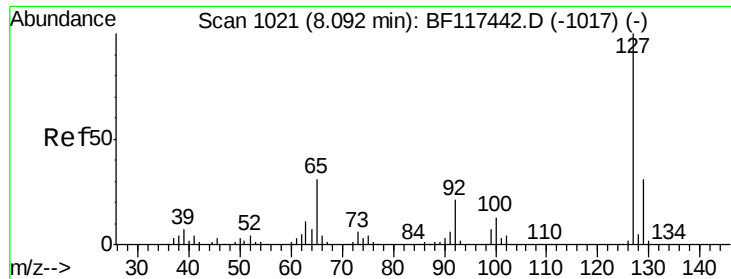


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

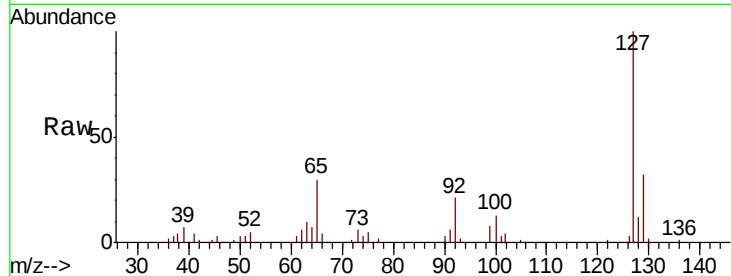




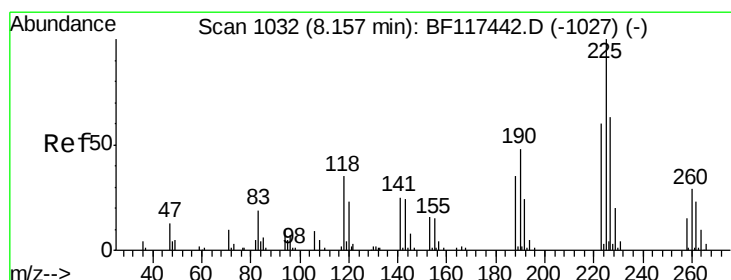
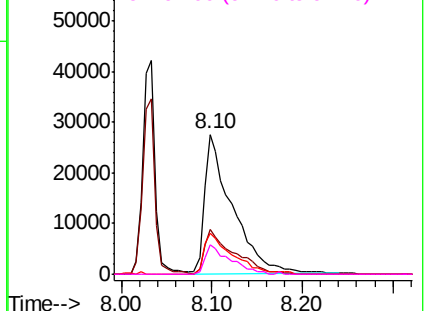
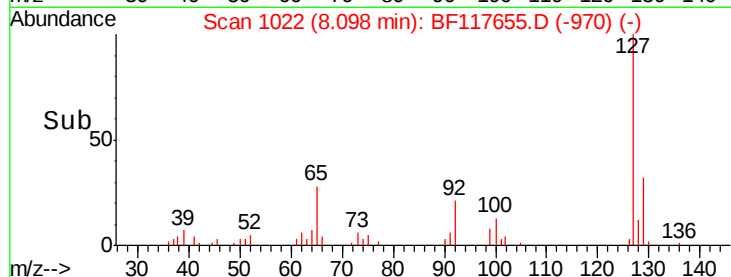
#33
4-Chloroaniline
Concen: 18.142 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 58579
Ion Ratio Lower Upper
127 100
129 32.4 24.8 37.2
65 29.7 24.6 37.0
92 21.1 16.5 24.7

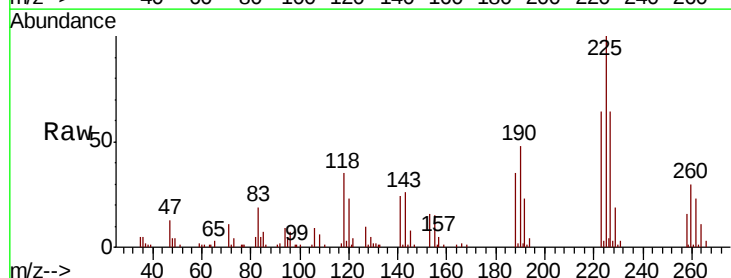


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

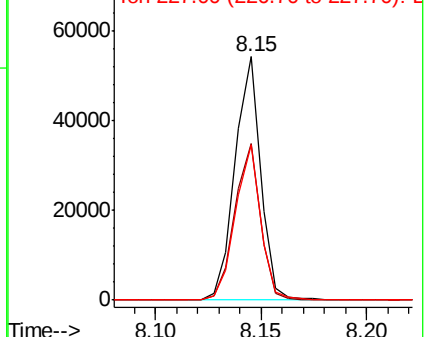
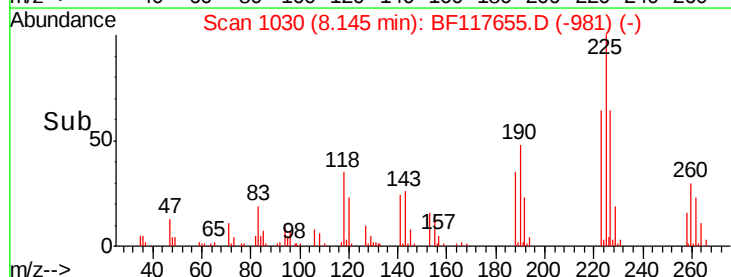


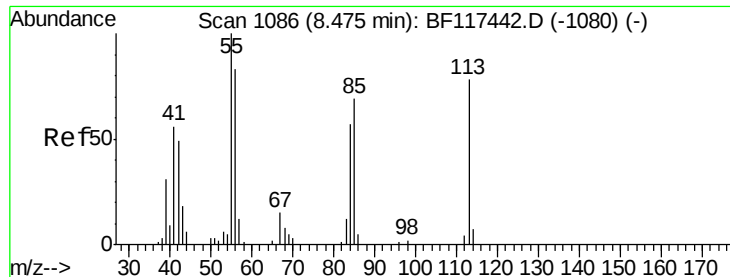
#34
Hexachlorobutadiene
Concen: 34.904 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion:225 Resp: 45390
Ion Ratio Lower Upper
225 100
223 64.4 48.2 72.4
227 63.6 50.2 75.4



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

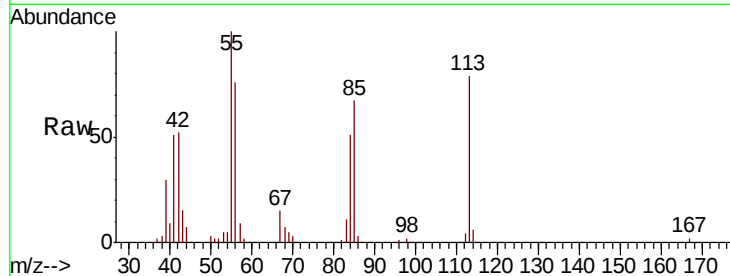




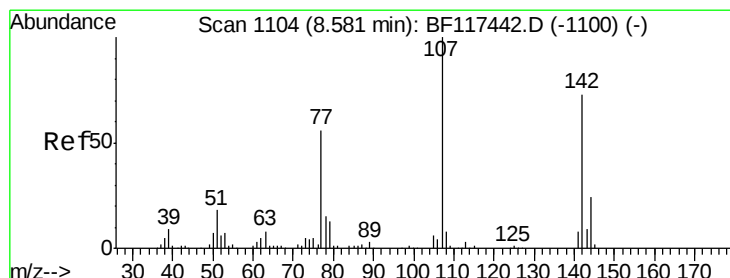
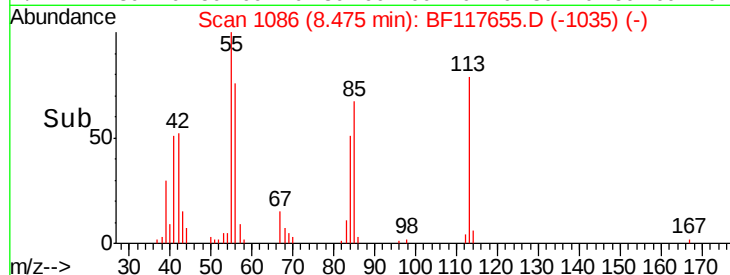
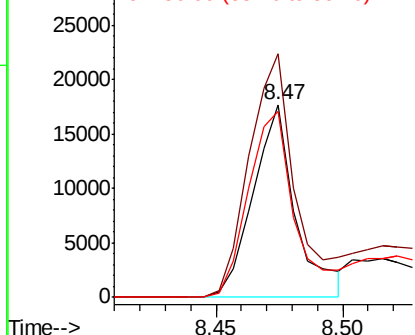
#35
Caprolactam
Concen: 30.833 ng
RT: 8.47 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 20737
Ion Ratio Lower Upper
113 100
55 126.4 108.8 148.8
56 96.5 87.2 127.2

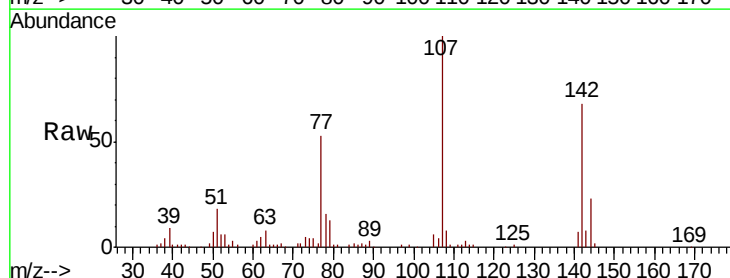


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

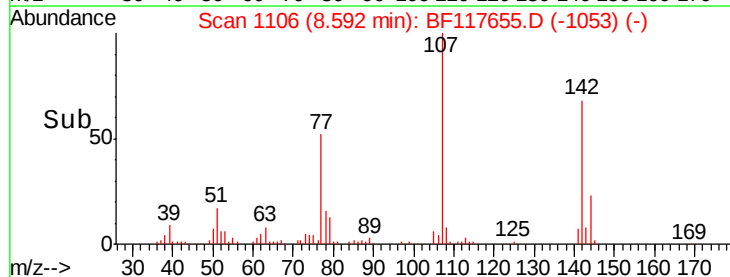
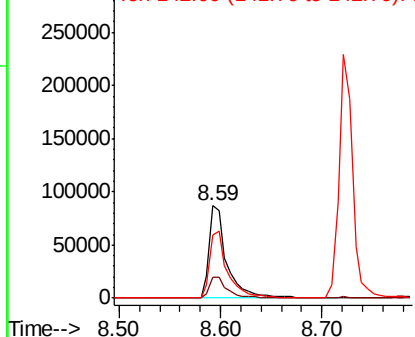


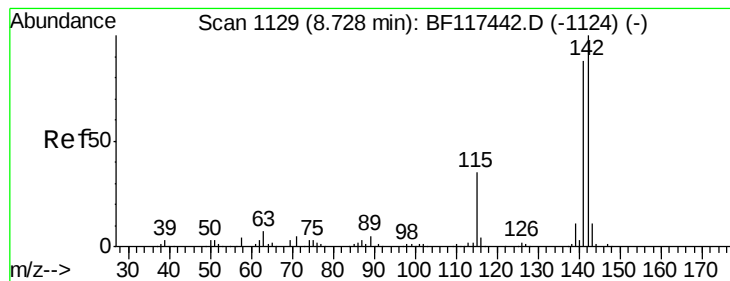
#36
4-Chloro-3-methylphenol
Concen: 44.202 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion:107 Resp: 105541
Ion Ratio Lower Upper
107 100
144 22.6 18.9 28.3
142 68.2 58.6 88.0



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

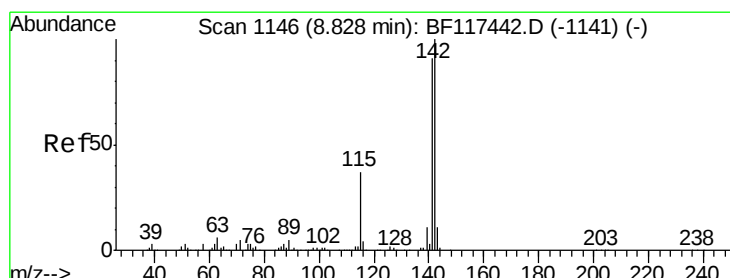
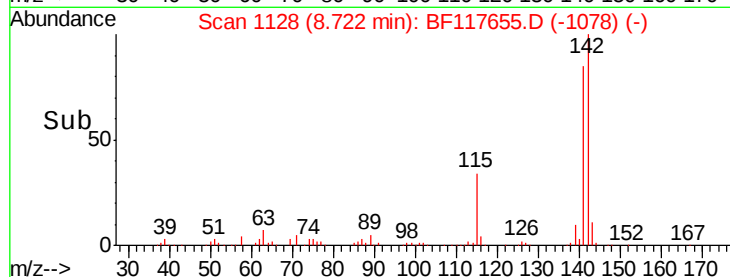
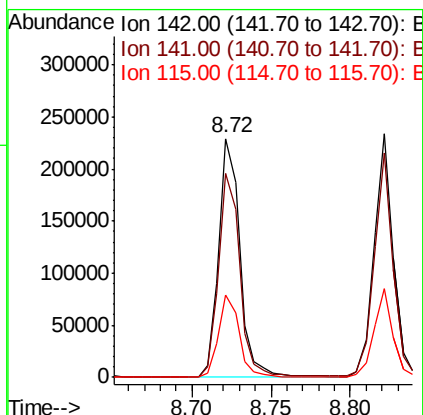
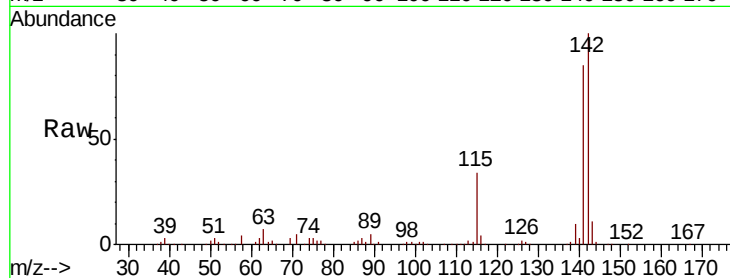




#37
2-Methylnaphthalene
Concen: 41.524 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

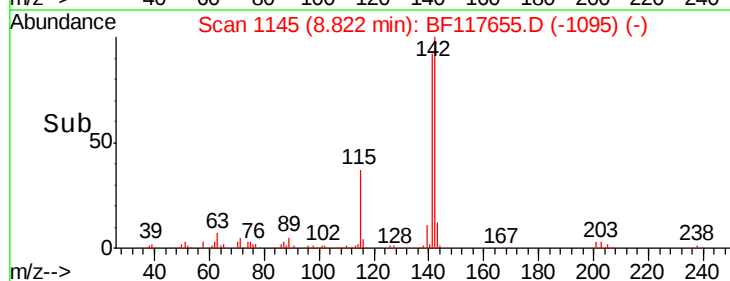
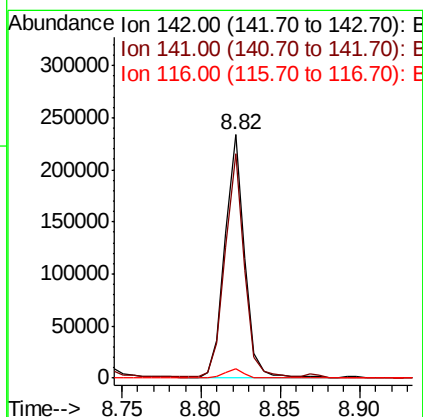
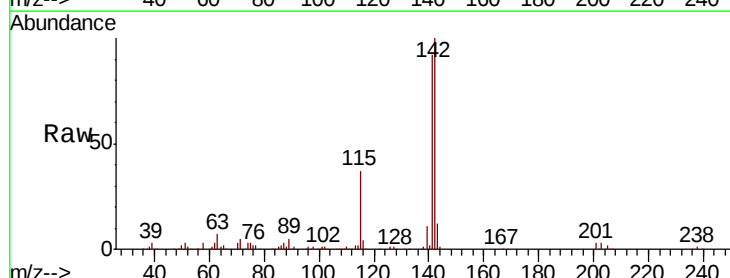
Instrument :
BNA_F
ClientSampleId :

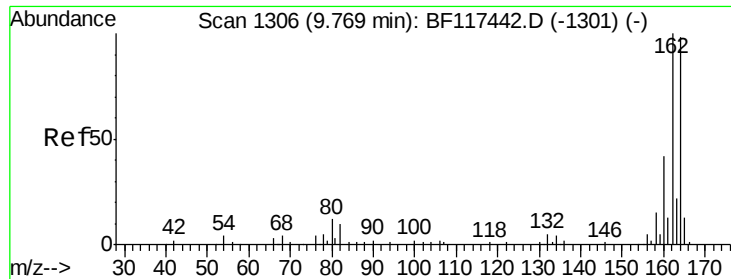
Tot Ion:142 Resp: 214069
Ion Ratio Lower Upper
142 100
141 85.5 70.3 105.5
115 34.4 28.2 42.2



#38
1-Methylnaphthalene
Concen: 41.059 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion:142 Resp: 198901
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9
116 3.8 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

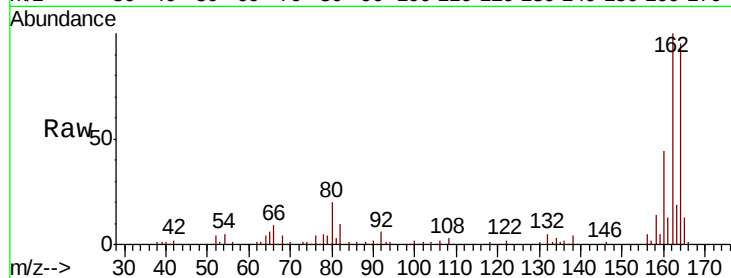
Tot Ion:164 Resp: 79290

Ion Ratio Lower Upper

164 100

162 105.2 81.8 122.6

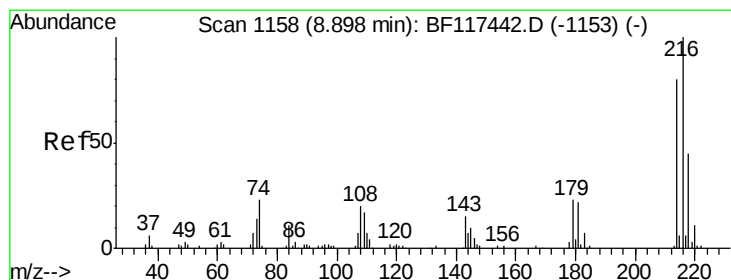
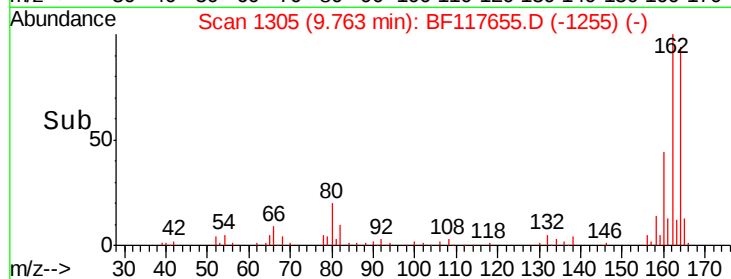
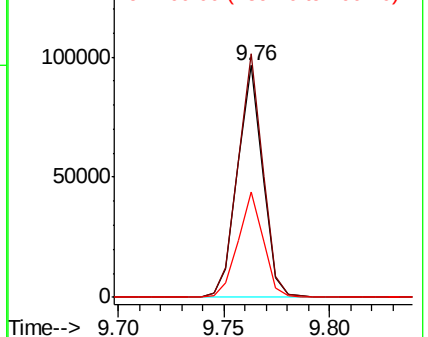
160 45.8 34.4 51.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.332 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion:216 Resp: 77589

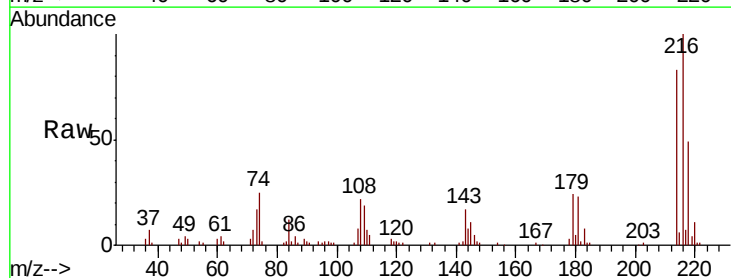
Ion Ratio Lower Upper

216 100

214 81.4 62.4 93.6

179 23.1 18.1 27.1

108 22.4 16.6 24.8

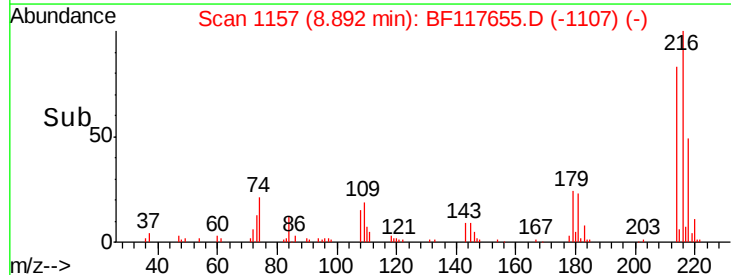
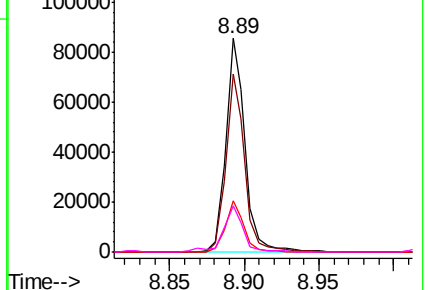


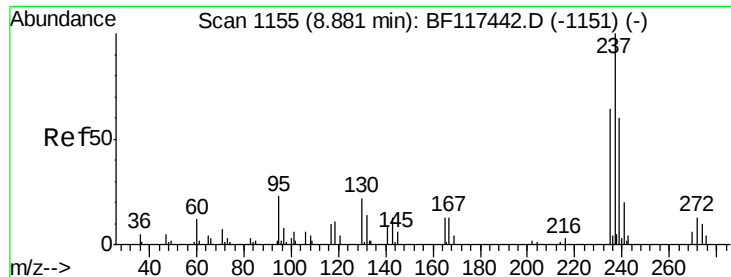
Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.520 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

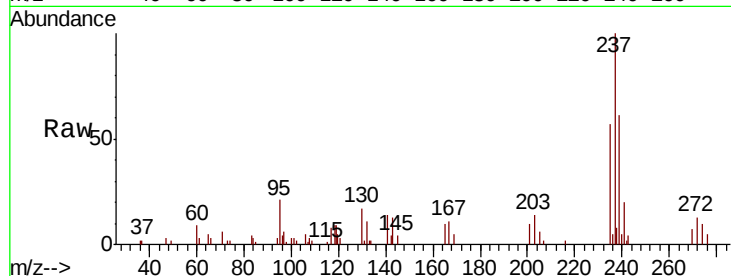
Tot Ion:237 Resp: 20704

Ion Ratio Lower Upper

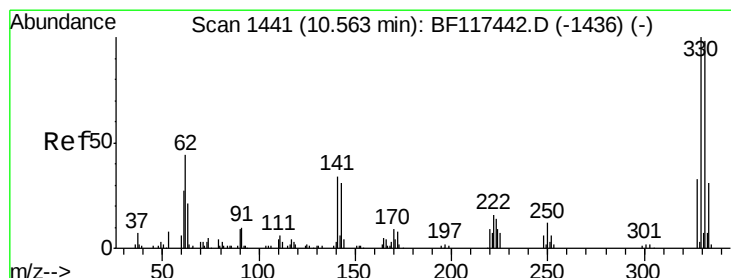
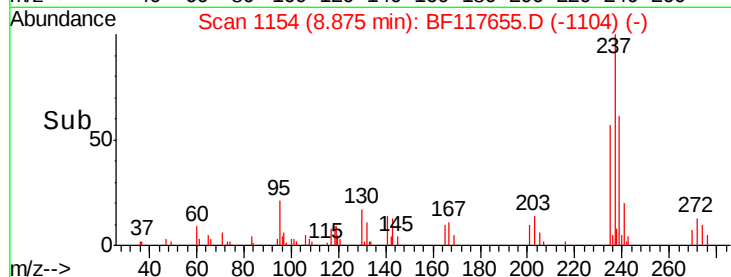
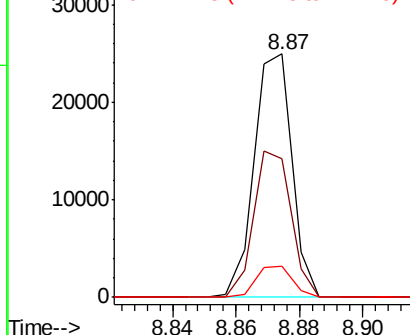
237 100

235 57.1 44.3 84.3

272 12.6 0.0 33.2



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: 76.994 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

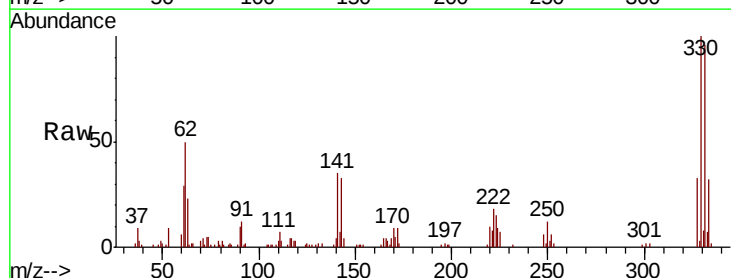
Tgt Ion:330 Resp: 52823

Ion Ratio Lower Upper

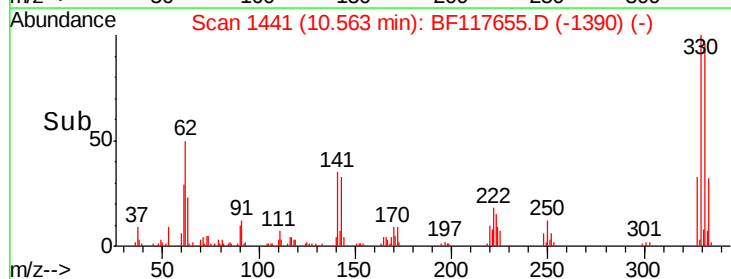
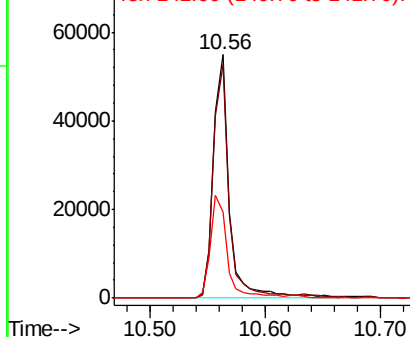
330 100

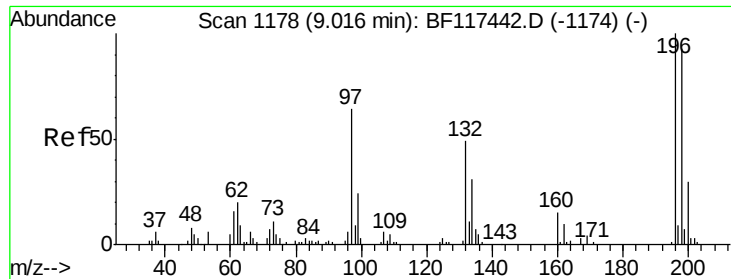
332 97.2 78.5 117.7

141 43.9 37.0 55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

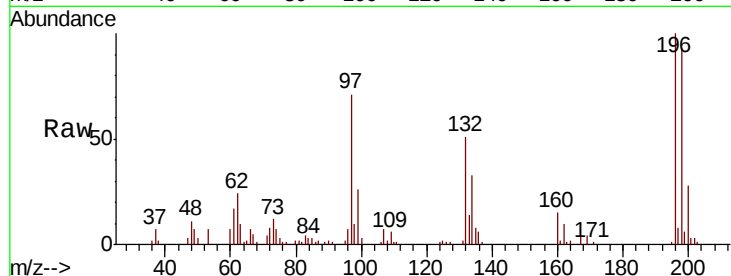




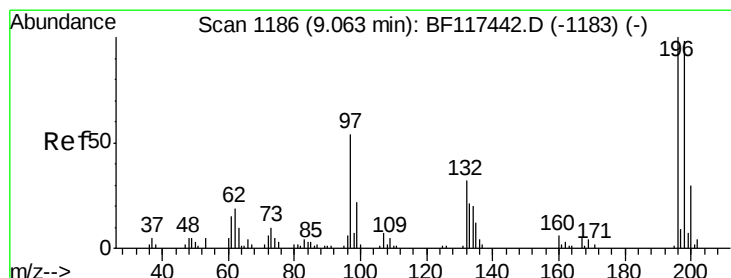
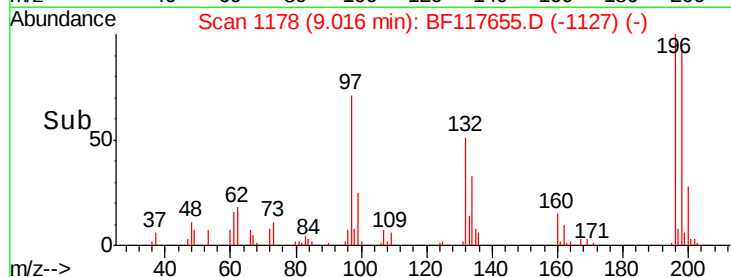
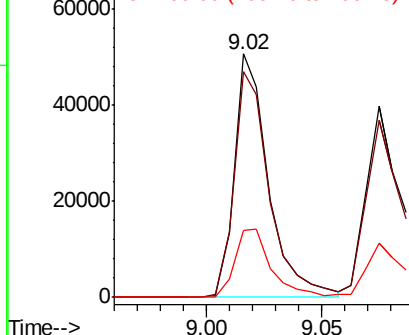
#43
 2,4,6-Trichlorophenol
 Concen: 38.894 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 52016
 Ion Ratio Lower Upper
 196 100
 198 92.8 74.1 111.1
 200 27.5 23.9 35.9

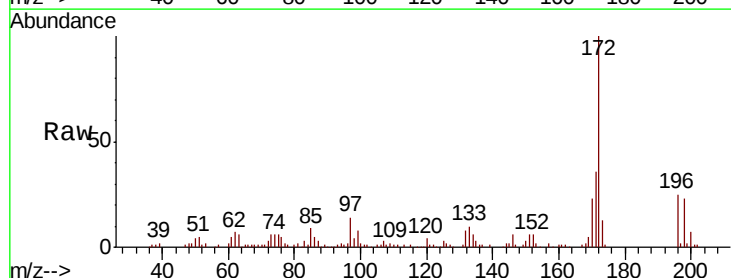


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

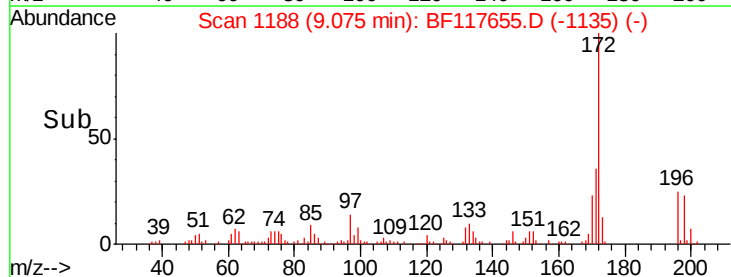
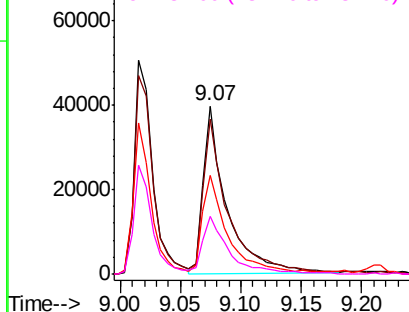


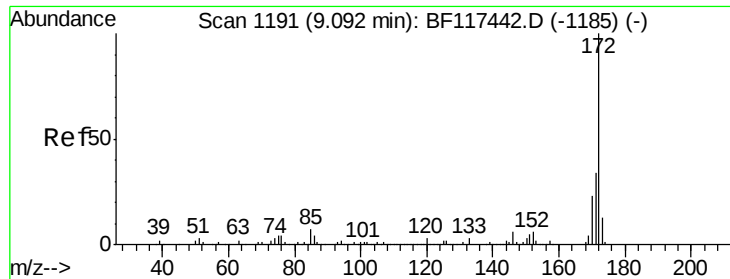
#44
 2,4,5-Trichlorophenol
 Concen: 39.317 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion:196 Resp: 53282
 Ion Ratio Lower Upper
 196 100
 198 92.8 78.6 117.8
 97 59.0 43.4 65.2
 132 34.5 26.0 39.0



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

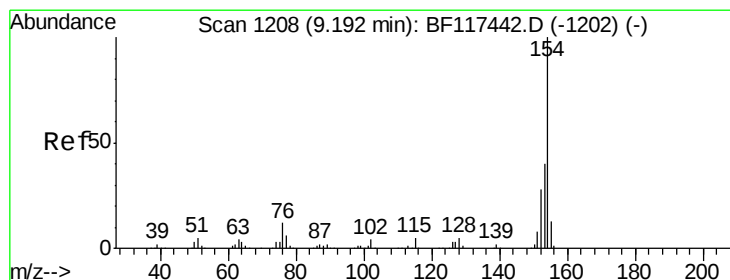
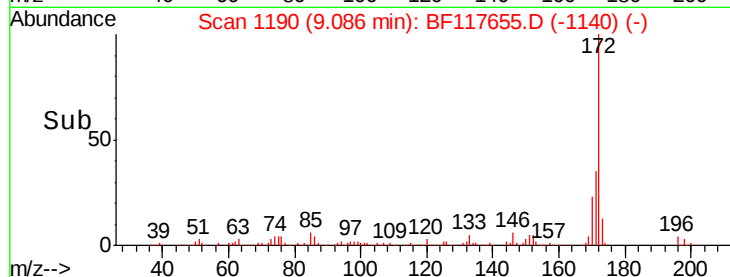
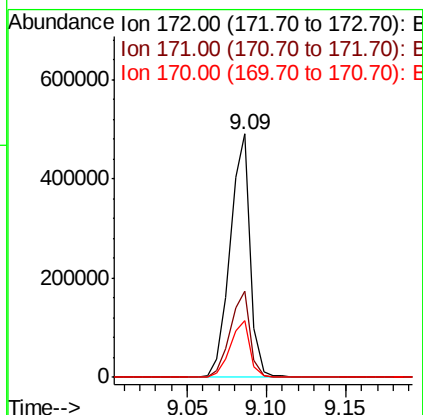
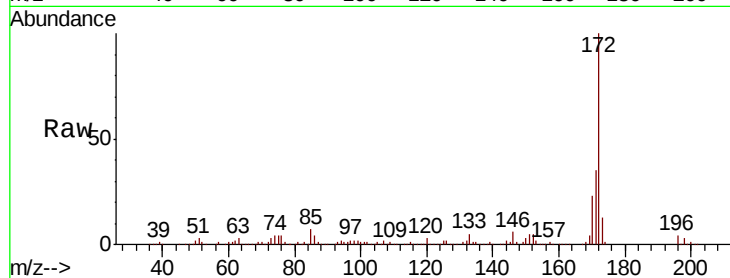




#45
2-Fluorobiphenyl
Concen: 76.420 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

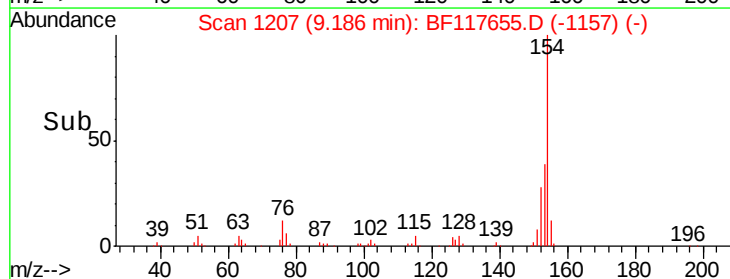
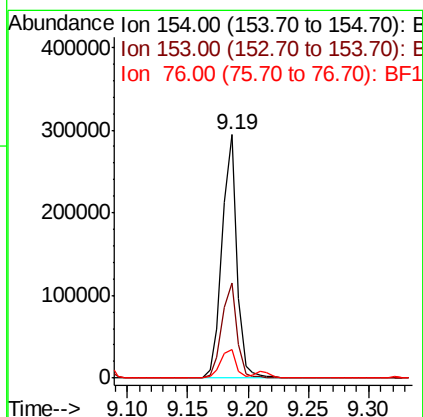
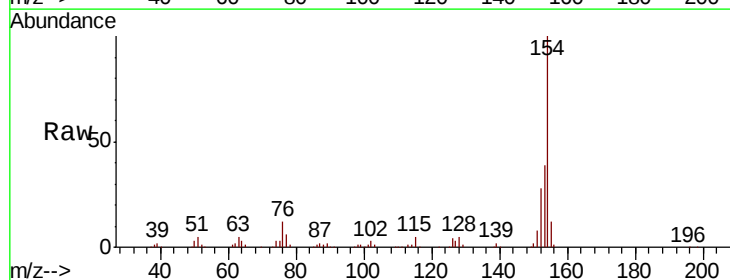
Instrument :
BNA_F
ClientSampleId :

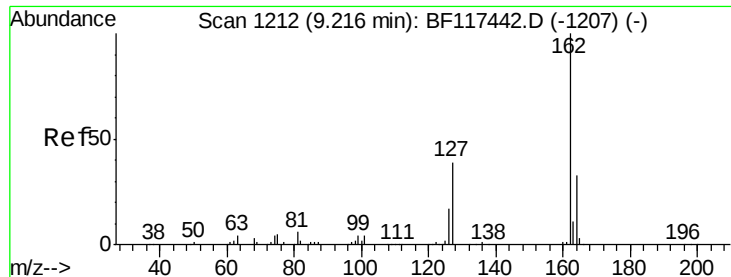
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.5	41.3
170	23.2	18.6	27.8



#46
1,1'-Biphenyl
Concen: 37.998 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.2	60.2
76	11.6	0.0	32.1

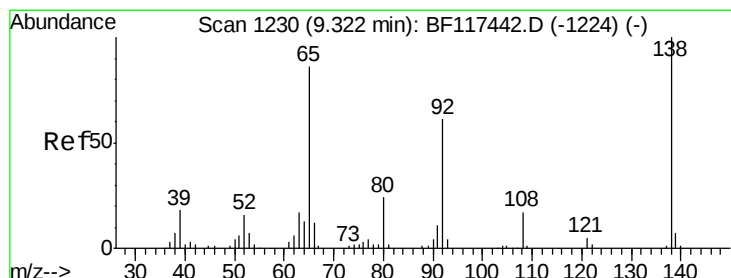
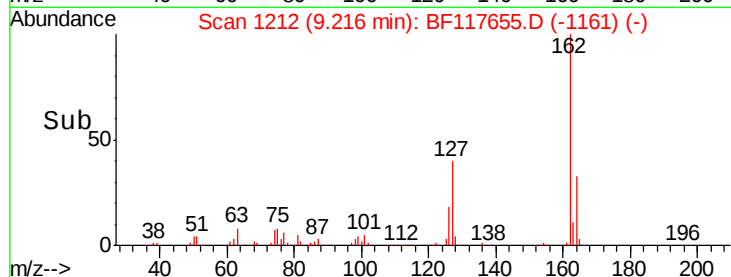
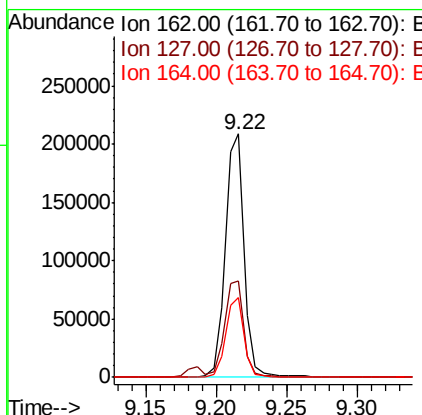
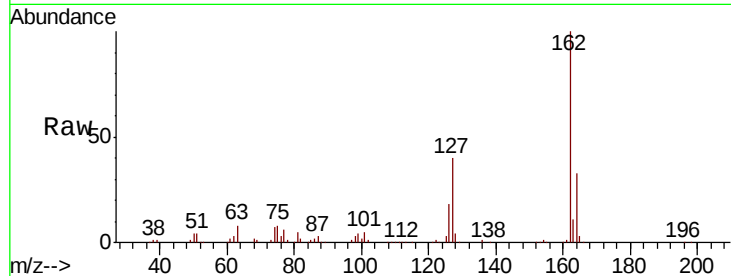




#47
 2-Chloronaphthalene
 Concen: 39.012 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

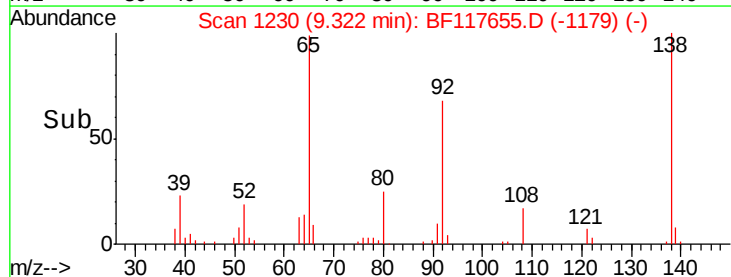
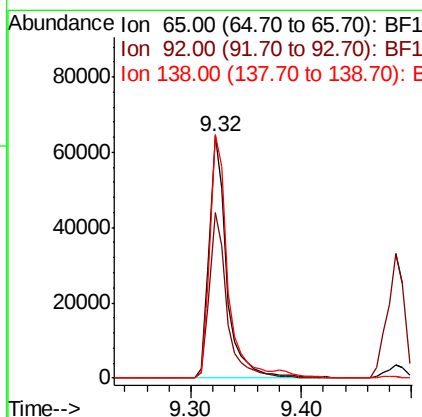
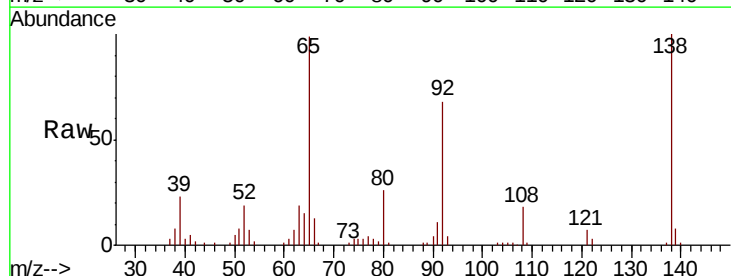
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	34.2	51.4
164	32.9	26.4	39.6



#48
 2-Nitroaniline
 Concen: 42.522 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	57.3	85.9
138	100.7	93.3	139.9





#49

Acenaphthylene

Concen: 42.708 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

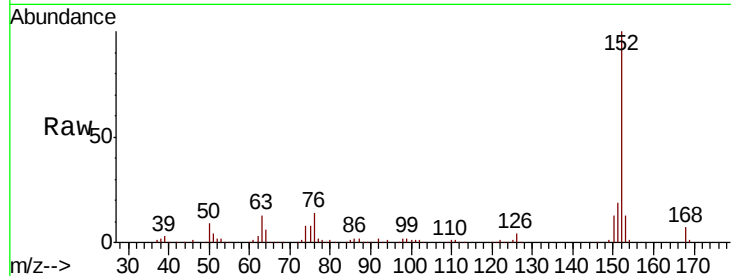
Tot Ion:152 Resp: 310468

Ion Ratio Lower Upper

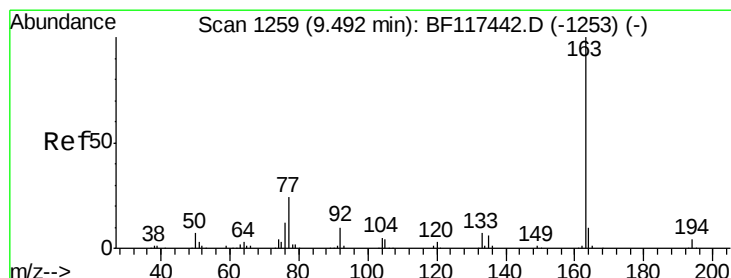
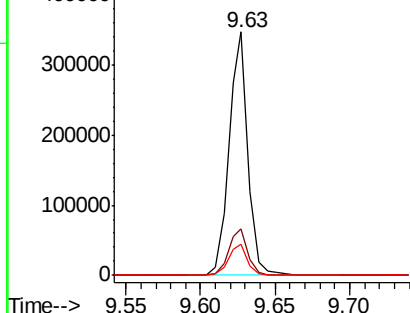
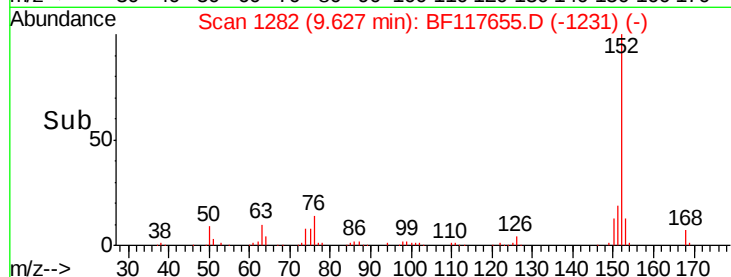
152 100

151 19.0 15.4 23.0

153 12.6 10.3 15.5



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



#50

Dimethylphthalate

Concen: 39.700 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

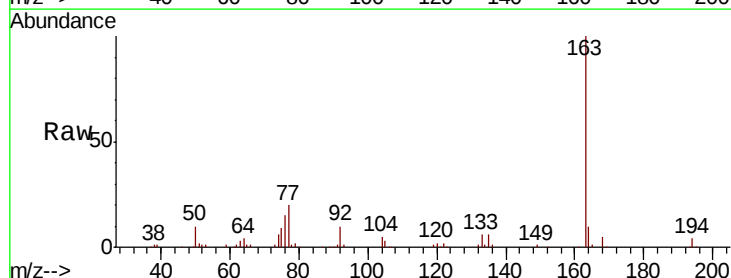
Tgt Ion:163 Resp: 224407

Ion Ratio Lower Upper

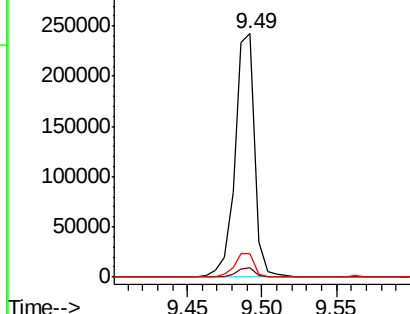
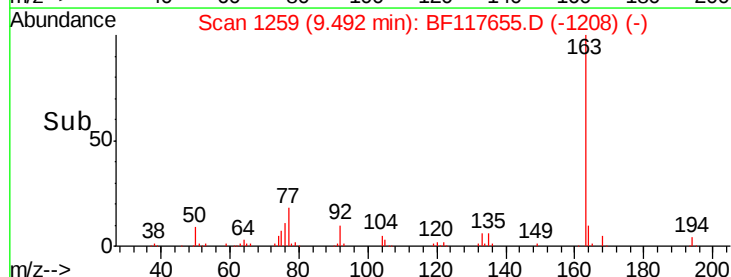
163 100

194 4.0 2.9 4.3

164 9.7 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

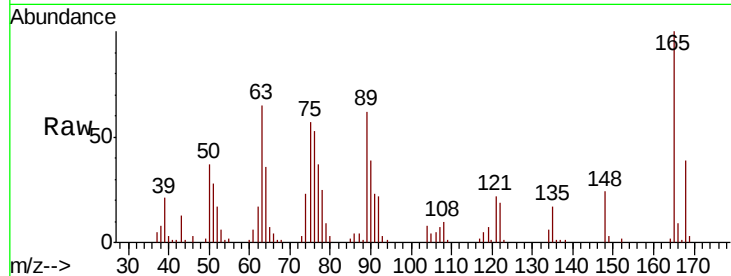




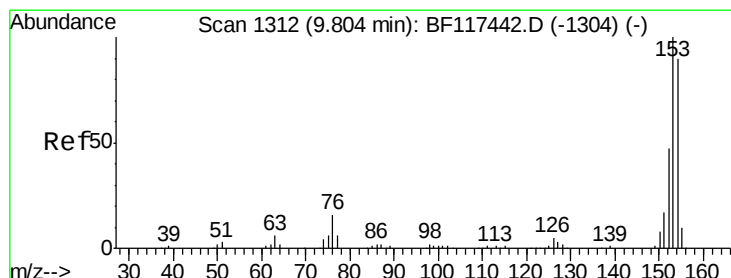
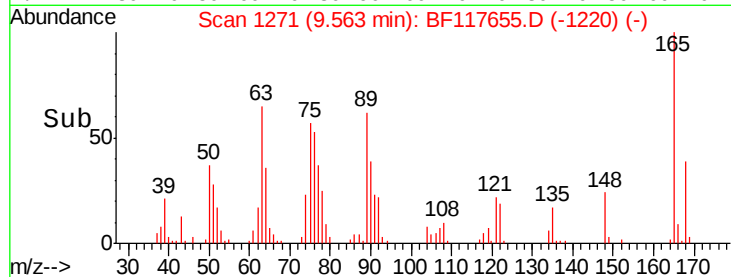
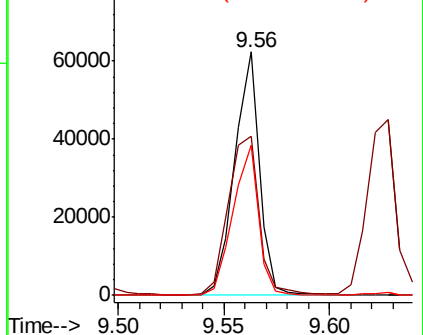
#51
 2,6-Dinitrotoluene
 Concen: 42.865 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.3	43.8	65.8
89	61.9	47.6	71.4

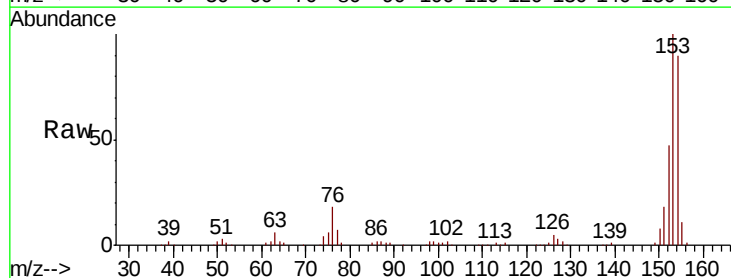


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

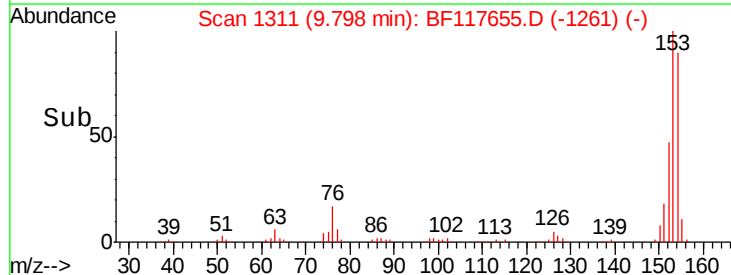
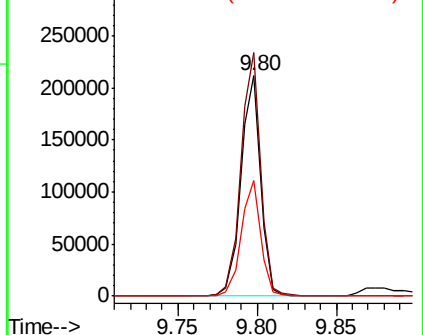


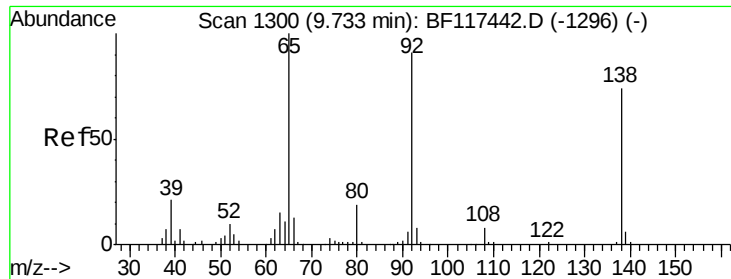
#52
 Acenaphthene
 Concen: 40.543 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.5	89.2	133.8
152	52.3	41.8	62.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

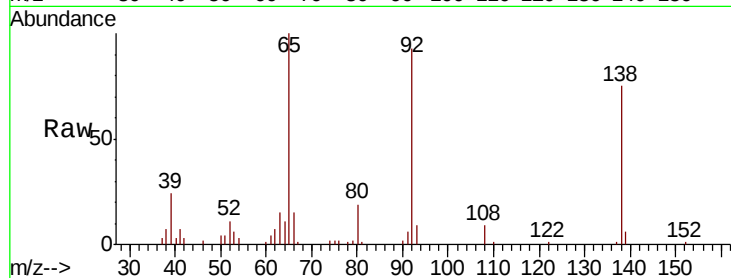




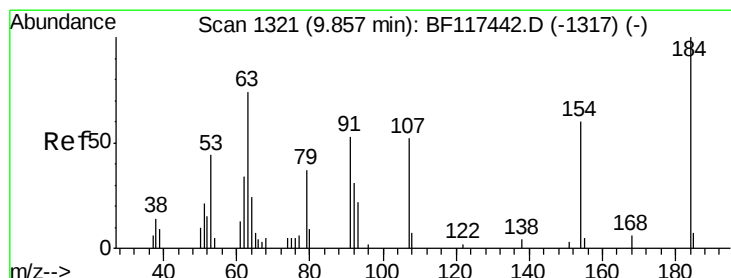
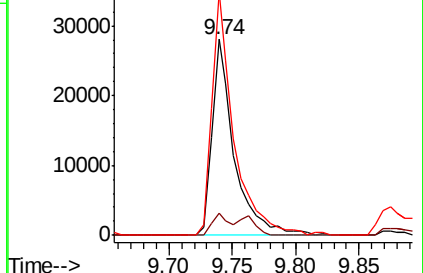
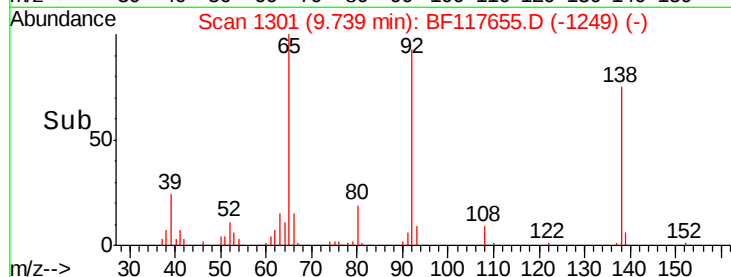
#53
3-Nitroaniline
Concen: 24.079 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 34461
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 124.2 98.4 147.6

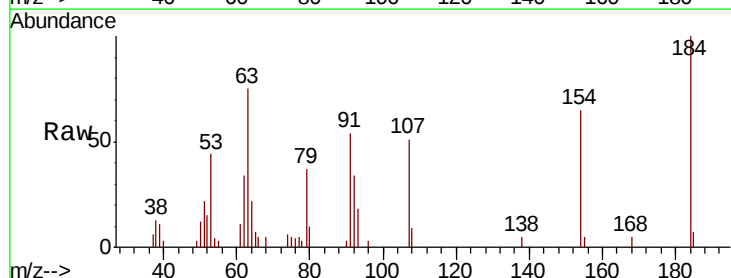


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

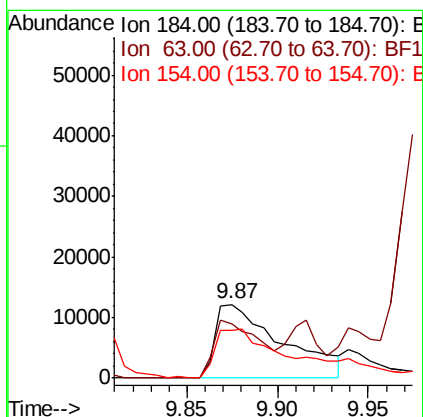
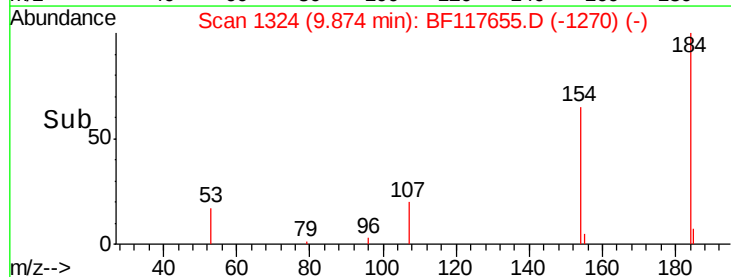


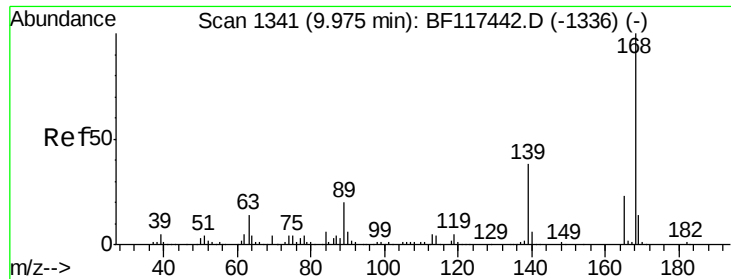
#54
2,4-Dinitrophenol
Concen: 64.657 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion:184 Resp: 31104
Ion Ratio Lower Upper
184 100
63 74.5 59.2 88.8
154 65.3 53.4 80.0



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

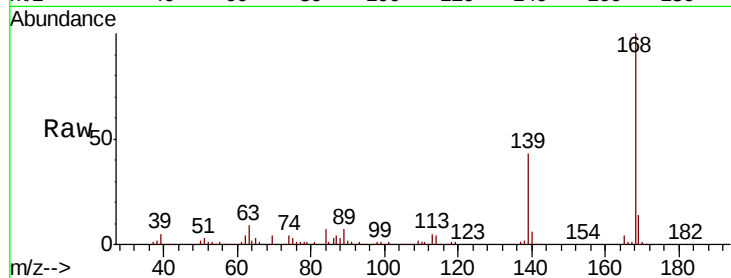




#55
Dibenzenofuran
Concen: 42.317 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	31.8	47.6
169	13.8	11.2	16.8

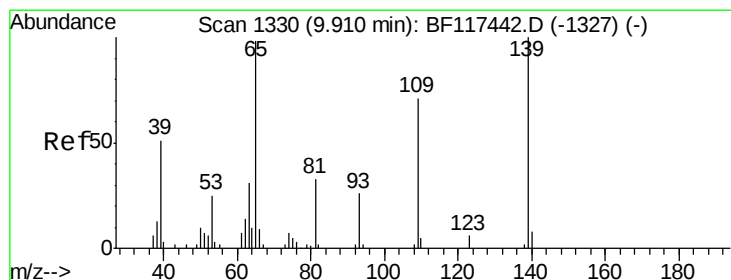
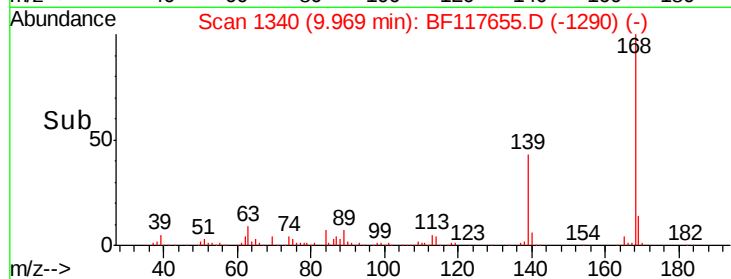
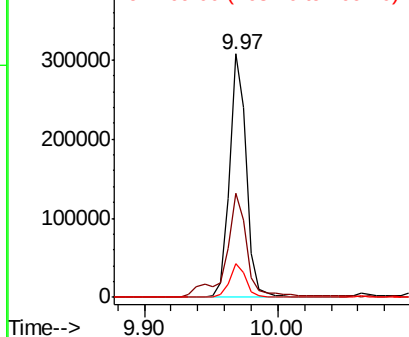


Abundance

Ion 168.00 (167.70 to 168.70): E

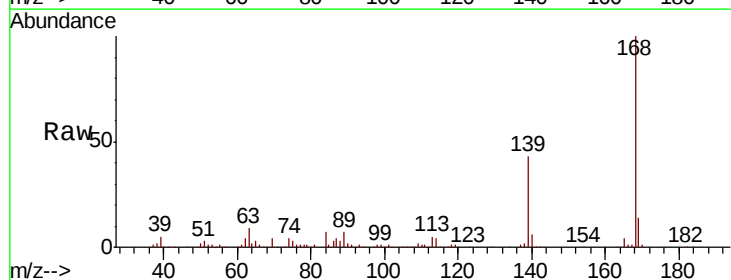
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 227.277 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	4.7	51.4	91.4#
65	7.8	79.4	119.4#

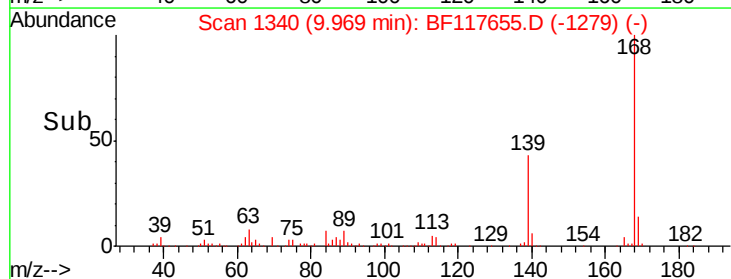
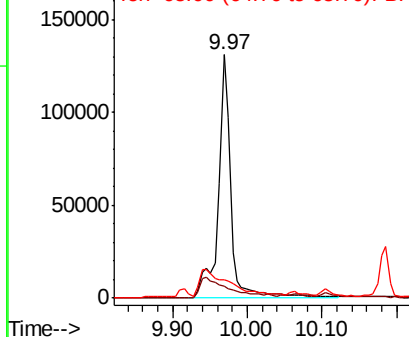


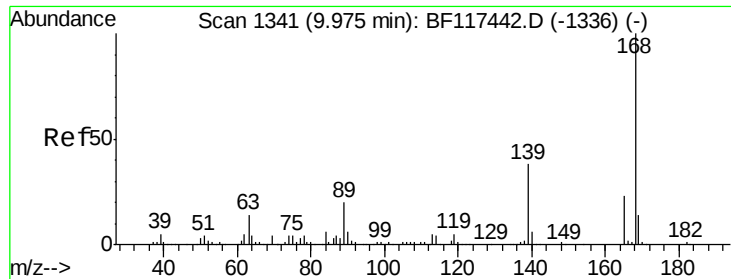
Abundance

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

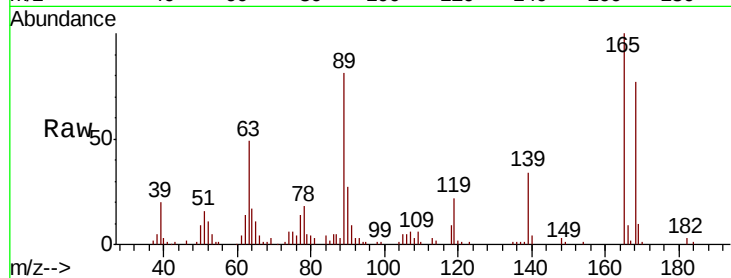




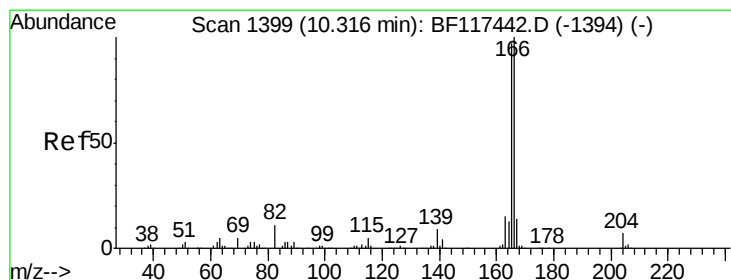
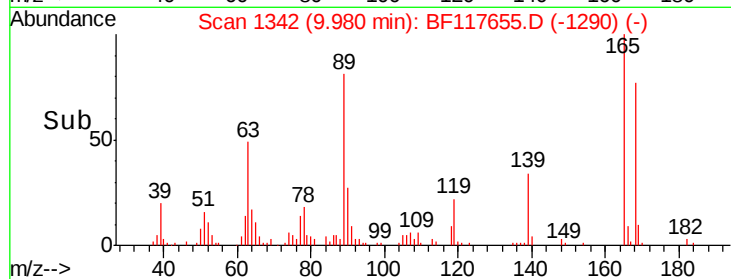
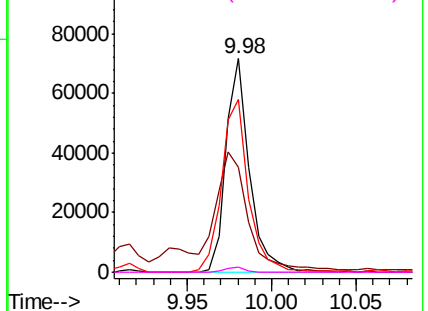
#57
 2,4-Dinitrotoluene
 Concen: 44.246 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 69388
 Ion Ratio Lower Upper
 165 100
 63 49.1 51.4 77.0#
 89 81.0 69.9 104.9
 182 2.6 1.9 2.9

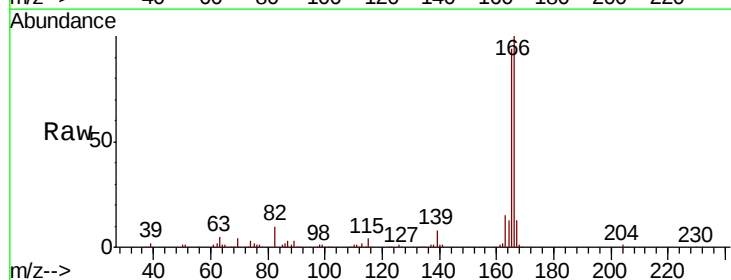


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

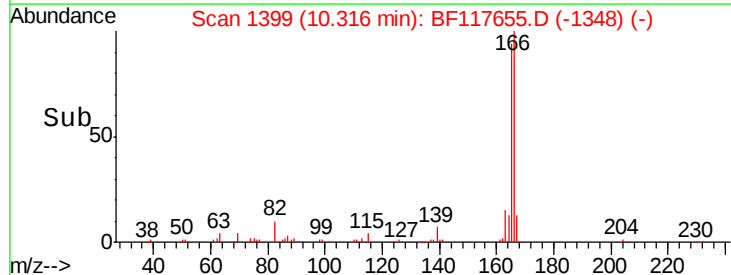
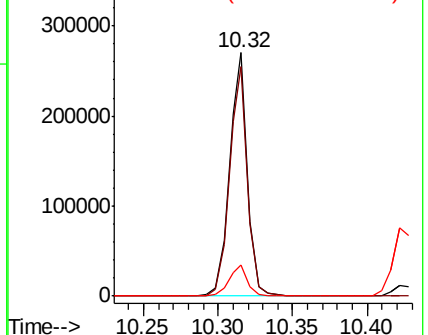


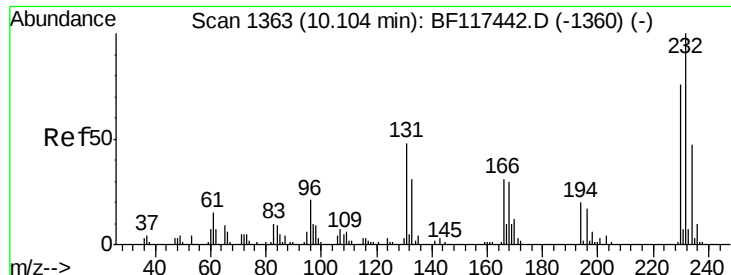
#58
 Fluorene
 Concen: 42.879 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion:166 Resp: 229129
 Ion Ratio Lower Upper
 166 100
 165 94.3 77.6 116.4
 167 12.6 11.0 16.4



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

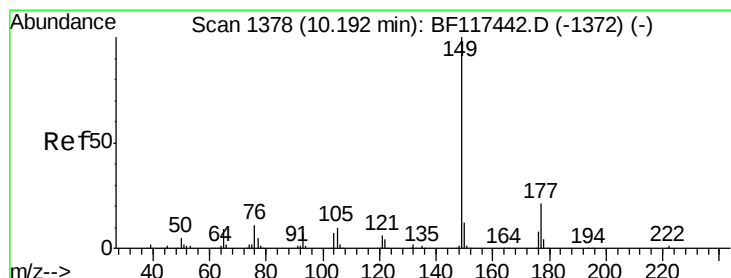
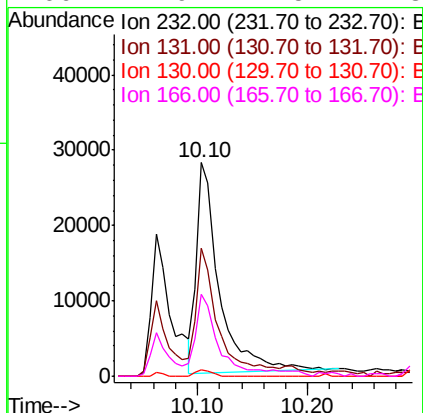
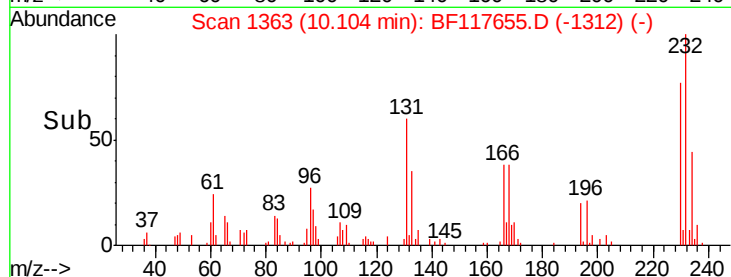
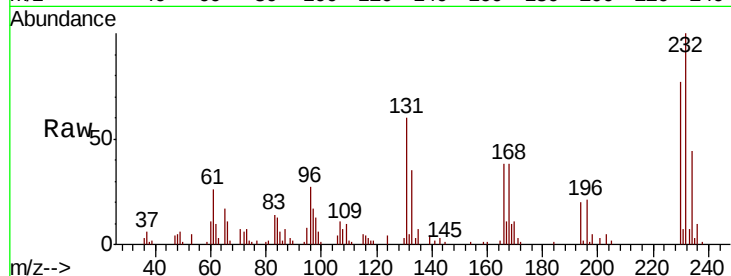




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.295 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

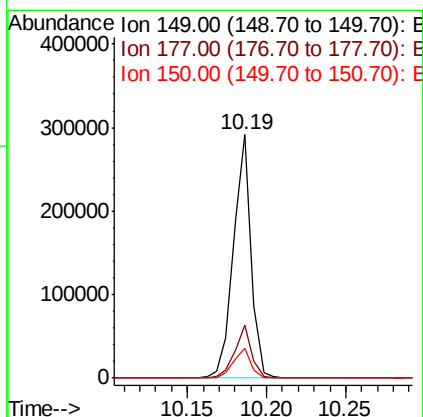
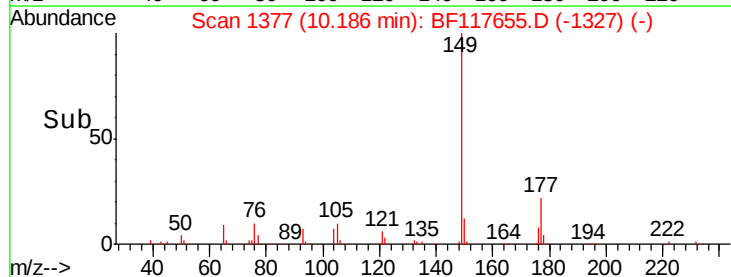
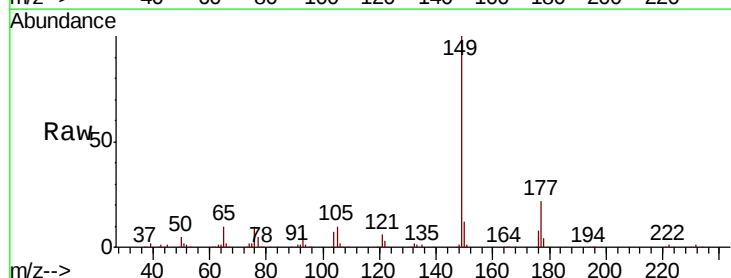
Instrument :
 BNA_F
 ClientSampleId :

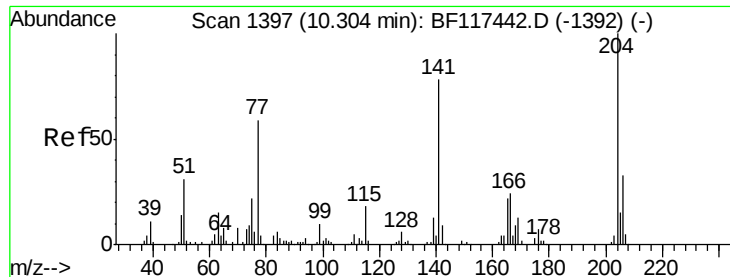
Tot Ion:232 Resp: 39724
 Ion Ratio Lower Upper
 232 100
 131 51.4 42.6 63.8
 130 2.1 2.2 3.4#
 166 41.9 27.5 41.3#



#60
 Diethylphthalate
 Concen: 39.508 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion:149 Resp: 225879
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.0 25.4
 150 12.1 9.8 14.6

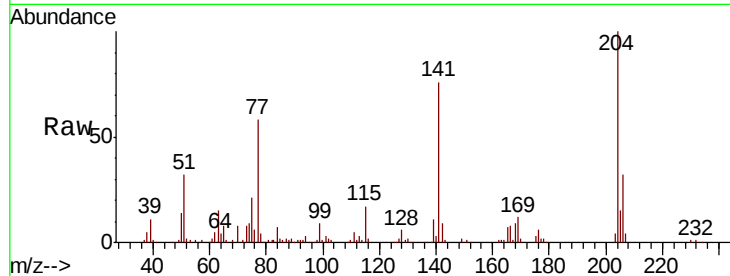




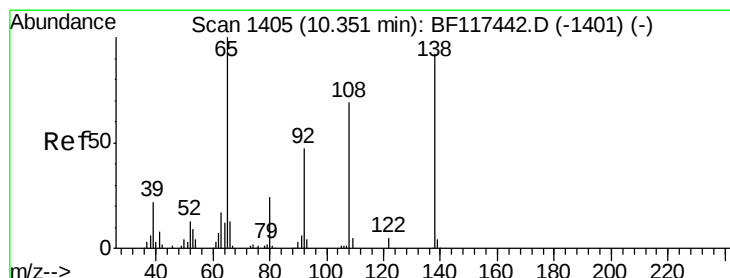
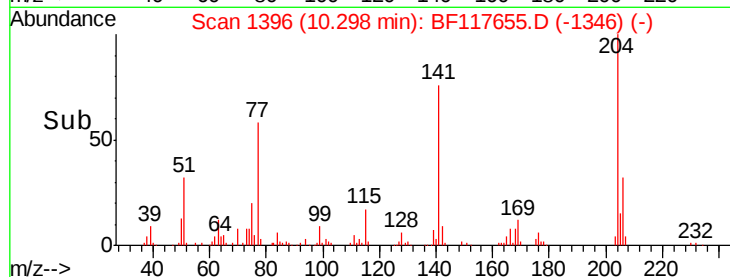
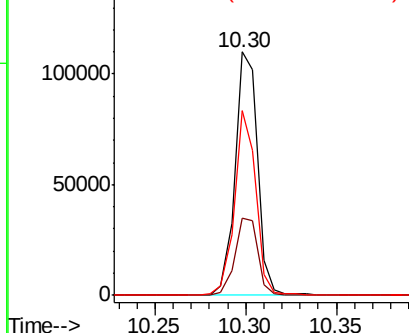
#61
4-Chlorophenyl-phenylether
Concen: 39.857 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 95556
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 75.9 62.2 93.4

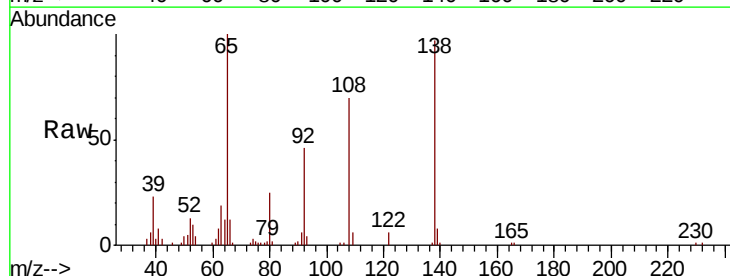


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

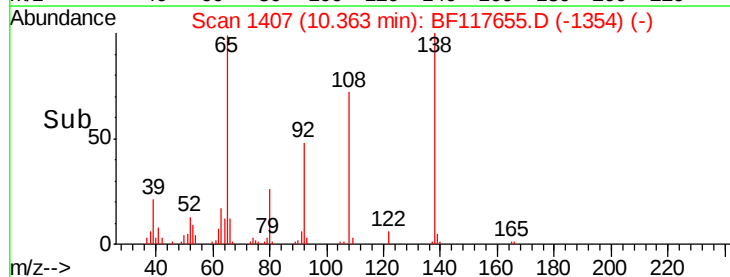
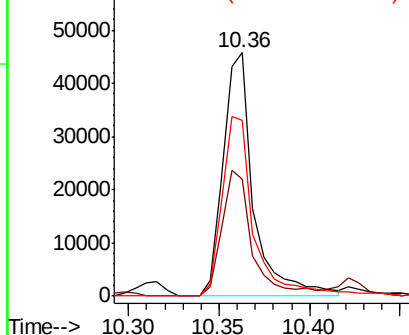


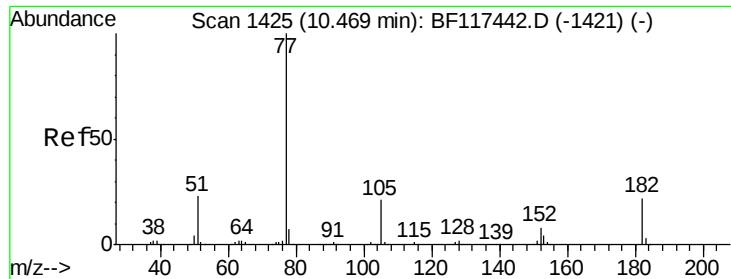
#62
4-Nitroaniline
Concen: 39.849 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion:138 Resp: 53755
Ion Ratio Lower Upper
138 100
92 47.9 30.3 70.3
108 72.2 54.9 94.9



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: 42.104 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 246427

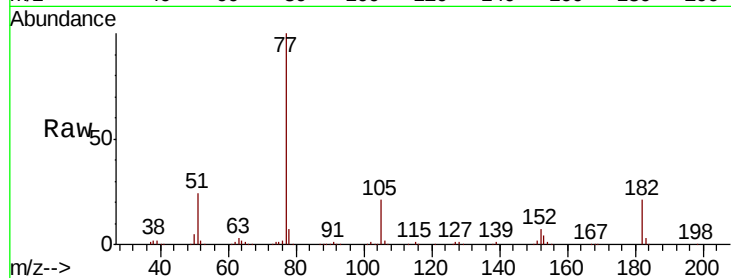
Ion Ratio Lower Upper

77 100

182 20.9 2.3 42.3

105 20.8 1.3 41.3

51 24.1 3.5 43.5

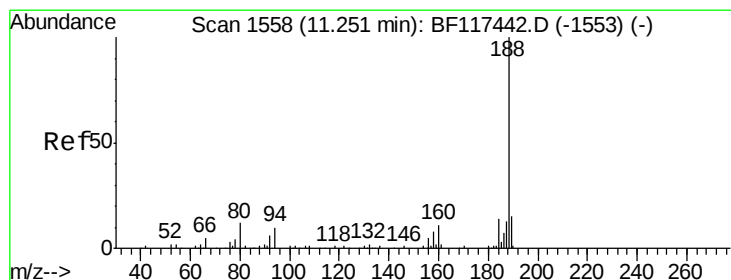
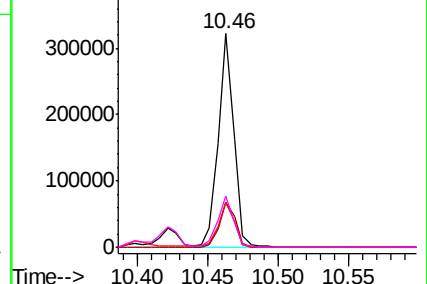
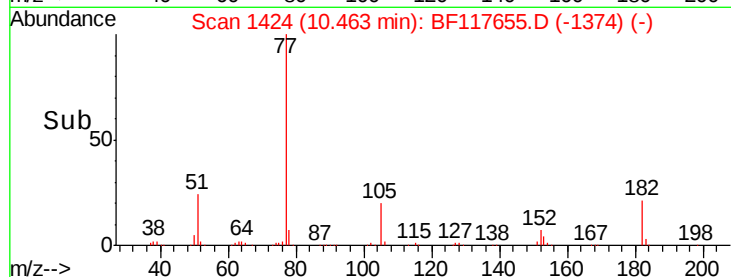


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

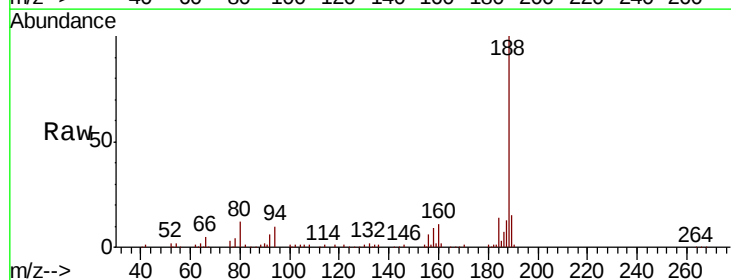
Tgt Ion: 188 Resp: 132532

Ion Ratio Lower Upper

188 100

94 10.3 8.0 12.0

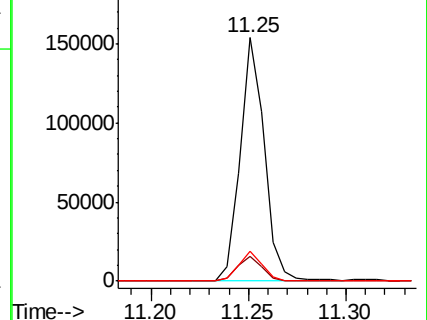
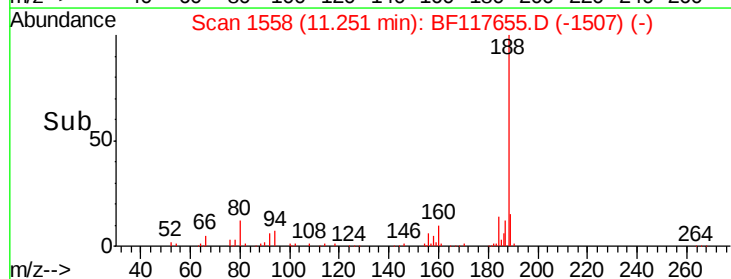
80 12.5 9.5 14.3

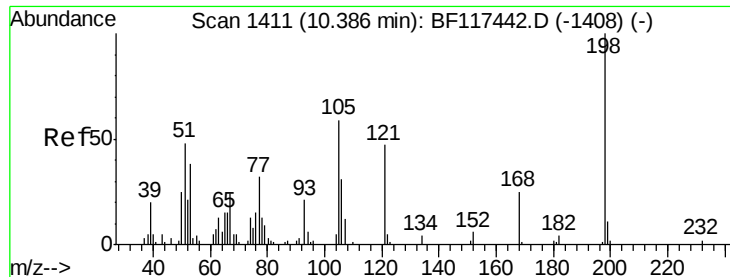


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 37.722 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

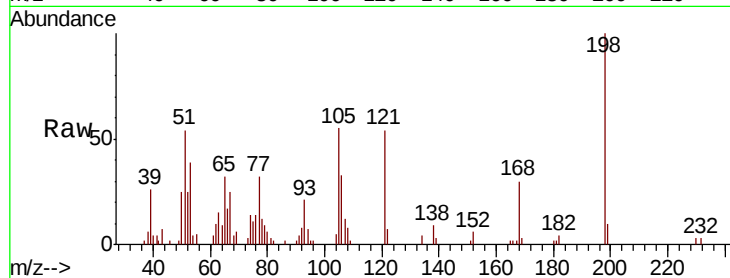
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 25418

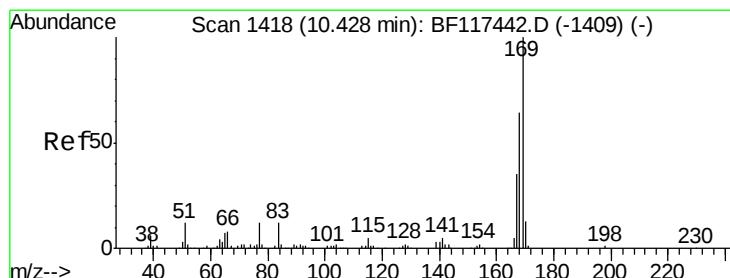
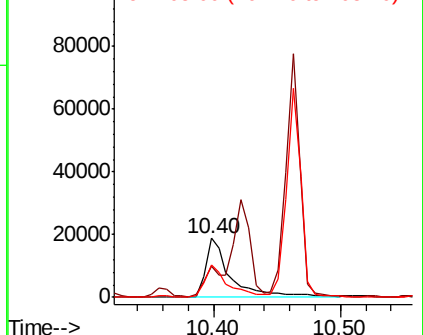
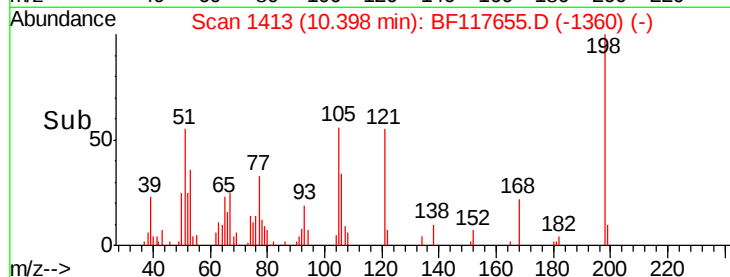
Ion	Ratio	Lower	Upper
198	100		
51	53.6	29.1	69.1
105	54.7	39.4	79.4



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: 40.190 ng

RT: 10.42 min Scan# 1417

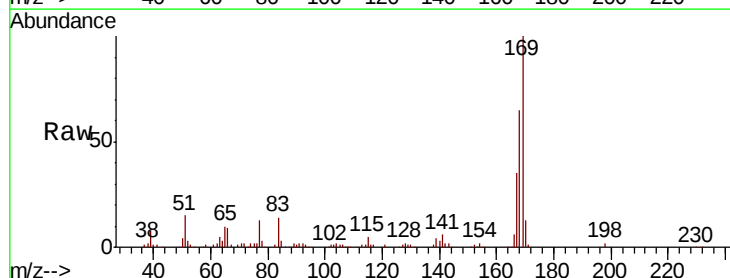
Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Tgt Ion:169 Resp: 194725

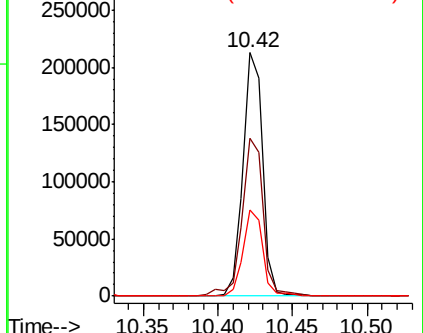
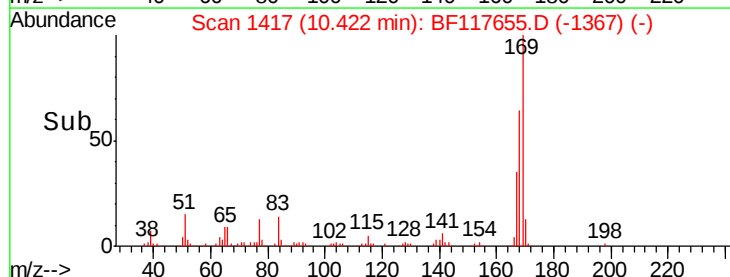
Ion	Ratio	Lower	Upper
169	100		
168	65.0	51.3	76.9
167	35.5	28.2	42.4



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

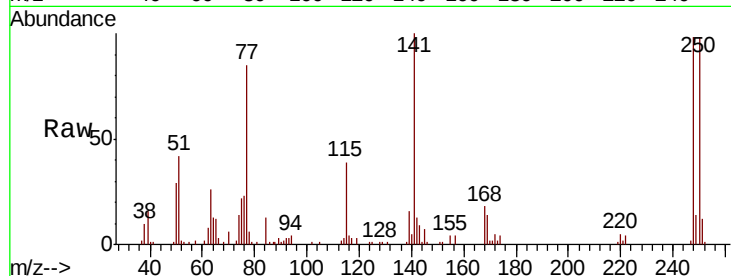




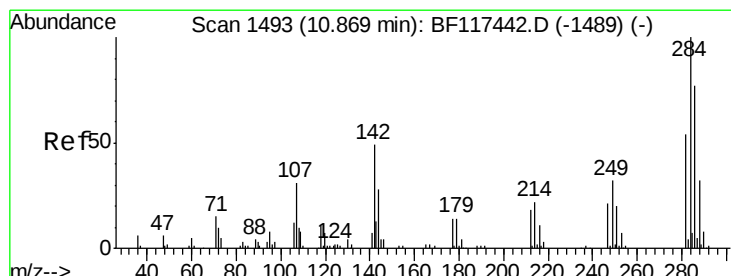
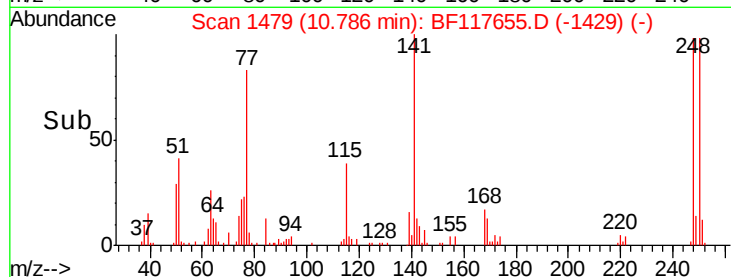
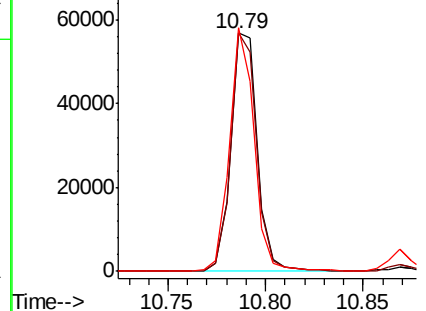
#67
 4-Bromophenyl-phenylether
 Concen: 37.369 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 53345
 Ion Ratio Lower Upper
 248 100
 250 100.3 78.0 117.0
 141 102.3 81.7 122.5

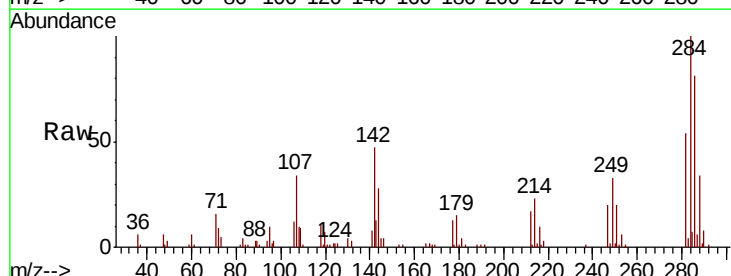


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

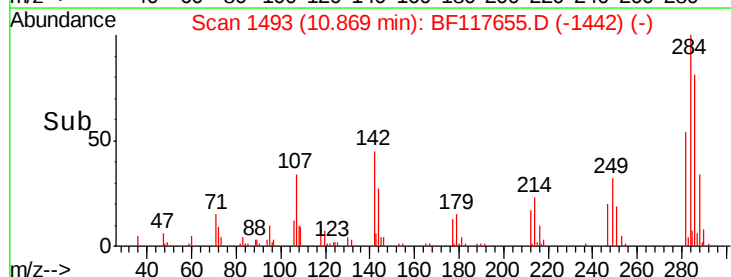
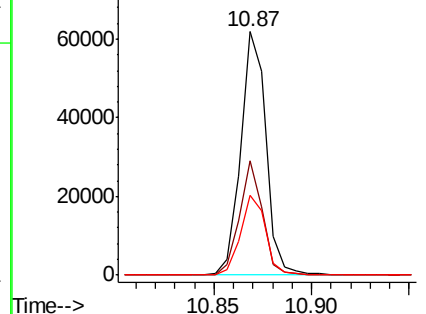


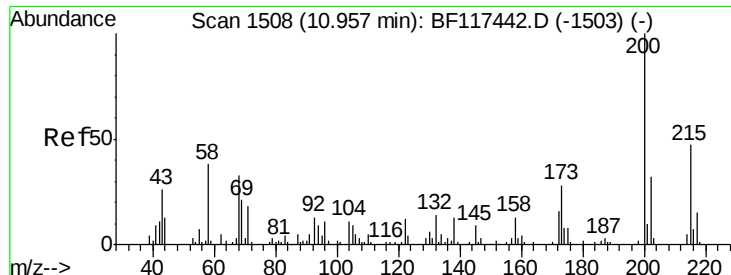
#68
 Hexachlorobenzene
 Concen: 36.256 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion:284 Resp: 55429
 Ion Ratio Lower Upper
 284 100
 142 47.2 39.0 58.6
 249 32.7 25.7 38.5



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

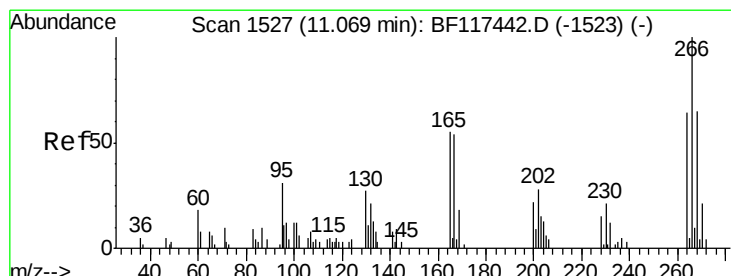
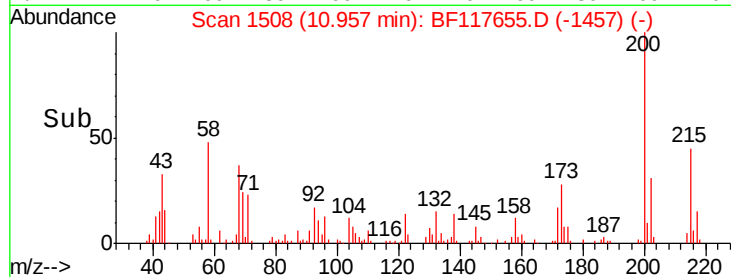
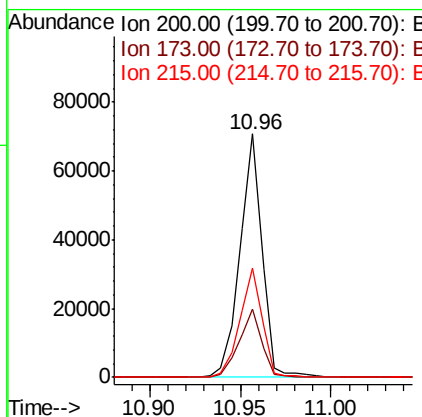
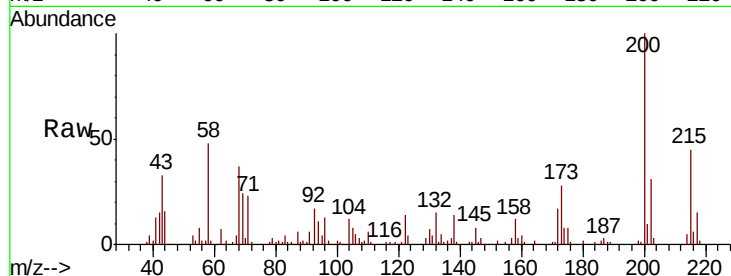




#69
 Atrazine
 Concen: 48.616 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

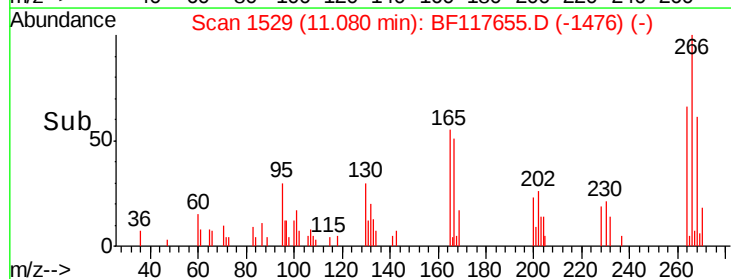
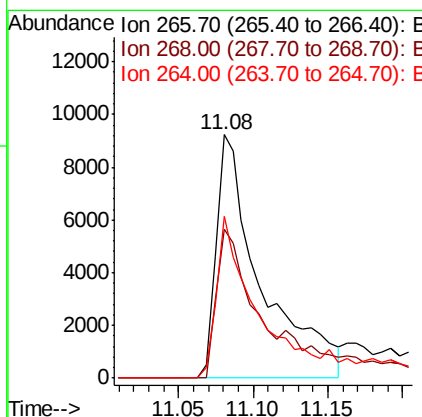
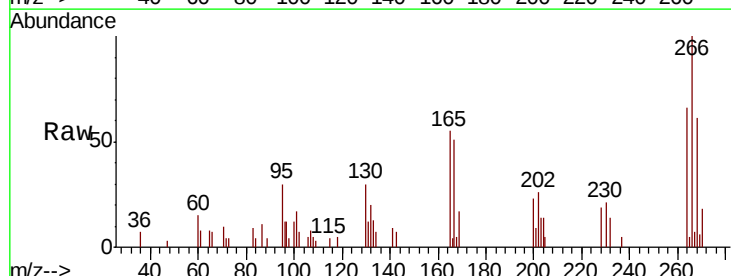
Instrument :
 BNA_F
 ClientSampleId :

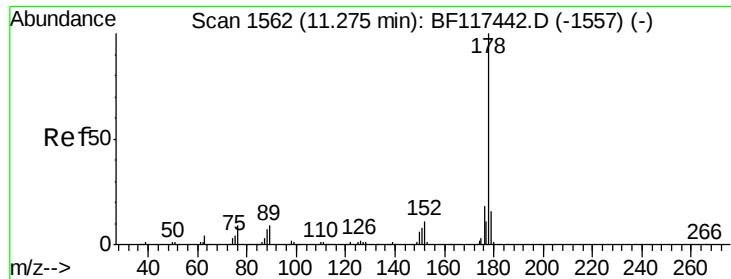
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.2	48.2
215	45.0	26.8	66.8



#70
 Pentachlorophenol
 Concen: 42.103 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.6	77.4
264	66.5	51.4	77.2

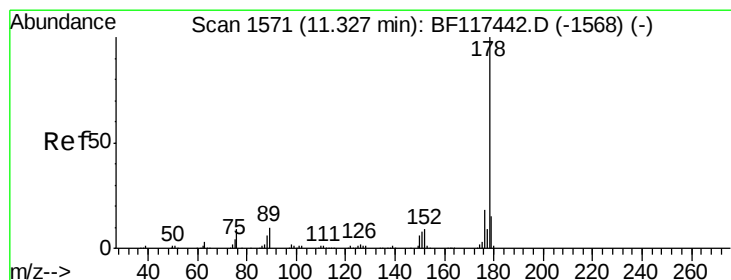
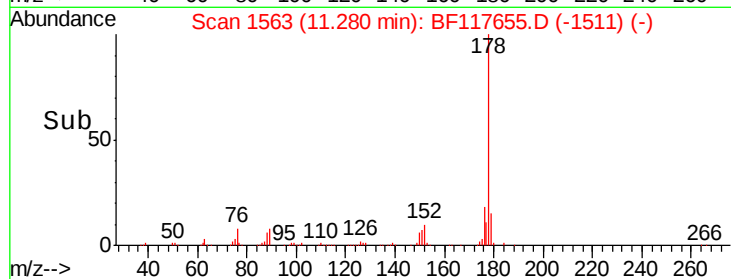
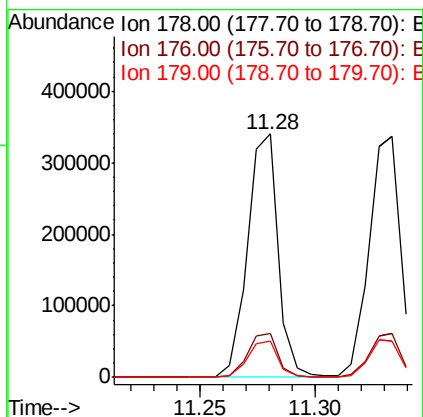
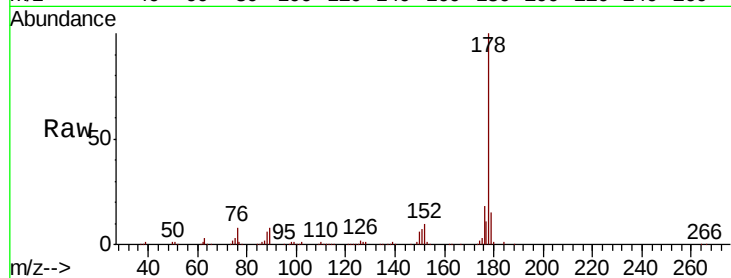




#71
Phenanthrene
Concen: 41.254 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

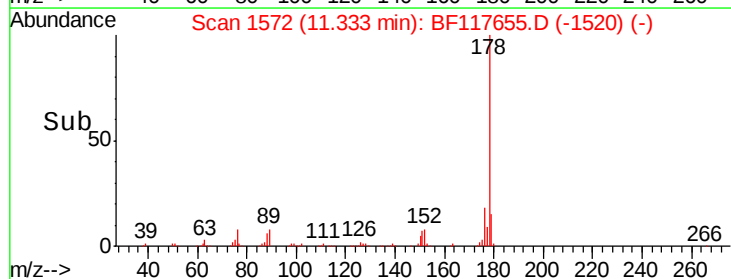
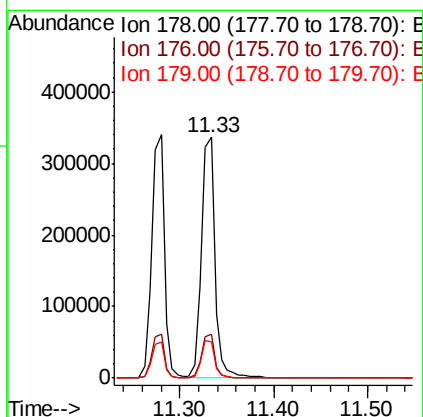
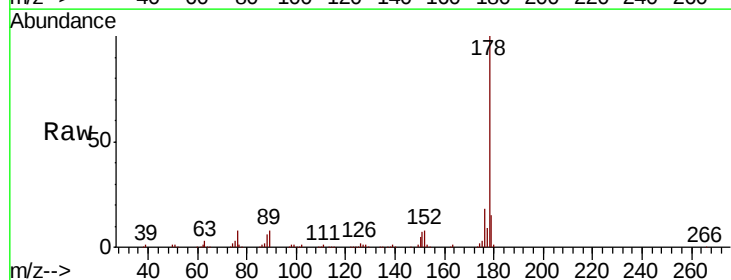
Instrument :
BNA_F
ClientSampleId :

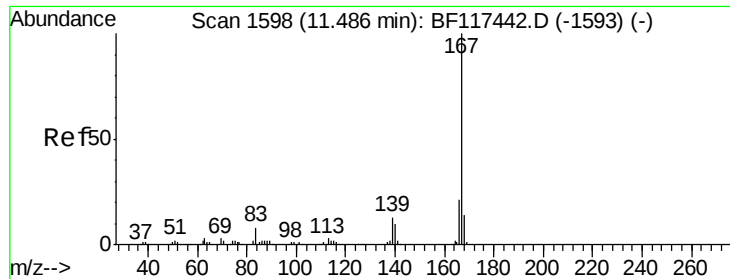
Tot Ion:178 Resp: 317474
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 14.7 12.6 19.0



#72
Anthracene
Concen: 42.875 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion:178 Resp: 338553
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 14.8 12.2 18.2

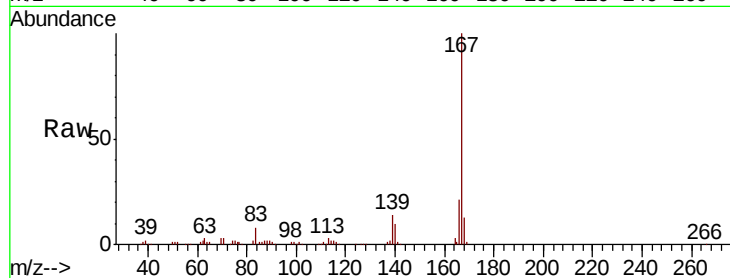




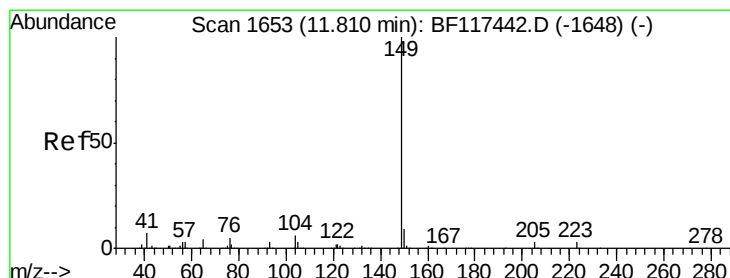
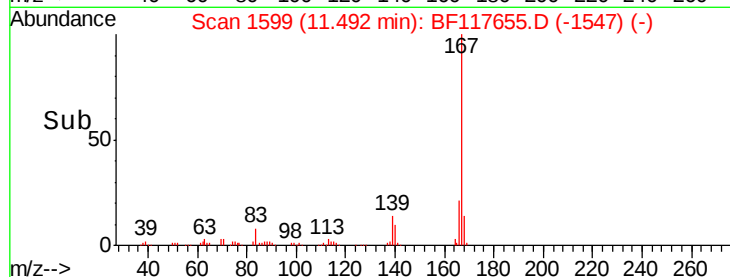
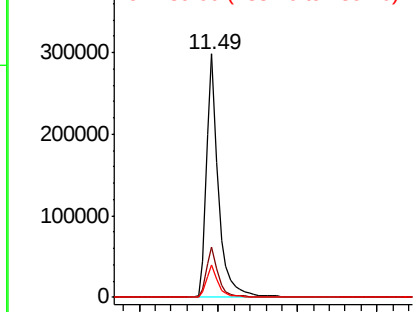
#73
 Carbazole
 Concen: 43.809 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 316128
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.0 25.6
 139 13.5 10.6 16.0

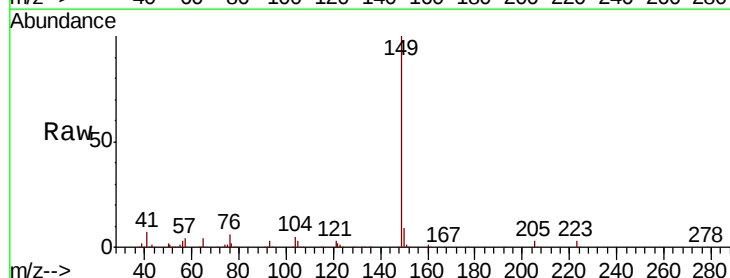


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

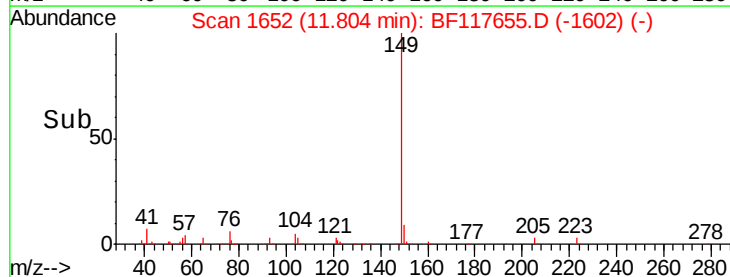
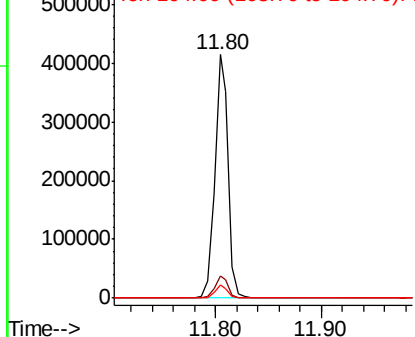


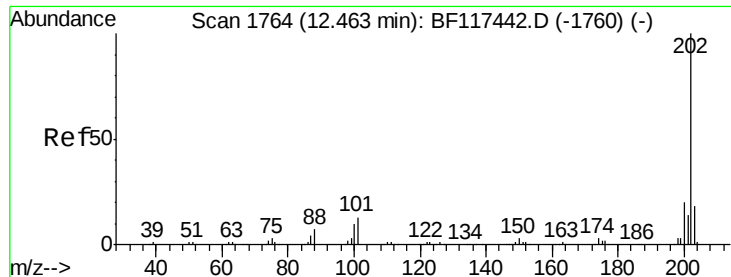
#74
 Di-n-butylphthalate
 Concen: 38.358 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion:149 Resp: 369850
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

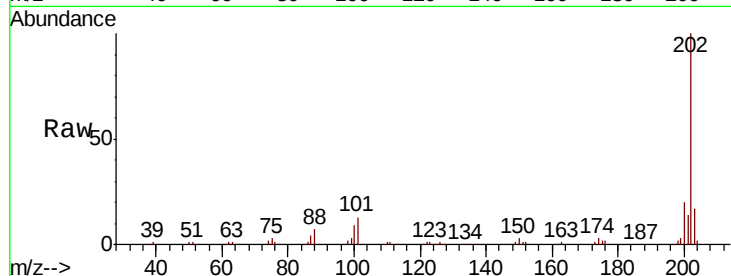




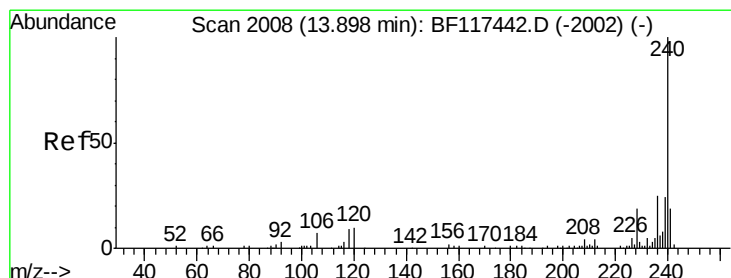
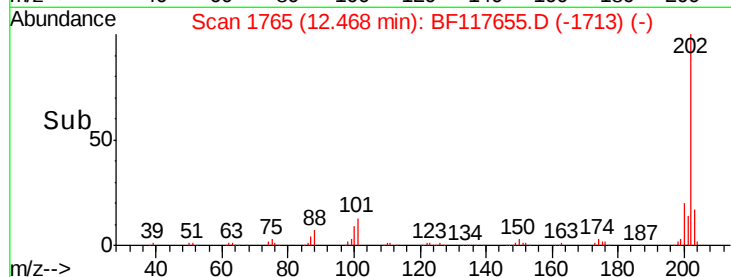
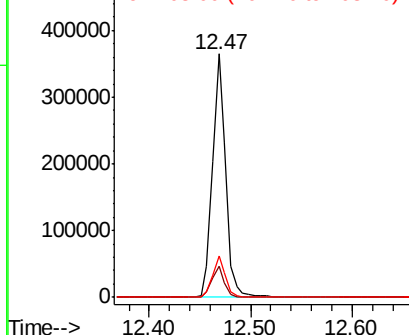
#75
 Fluoranthene
 Concen: 43.049 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.7
203	16.9	0.0	37.6

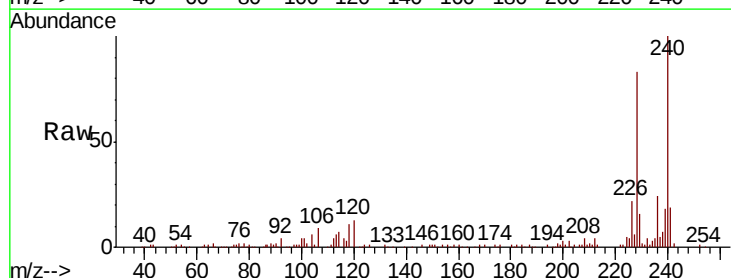


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

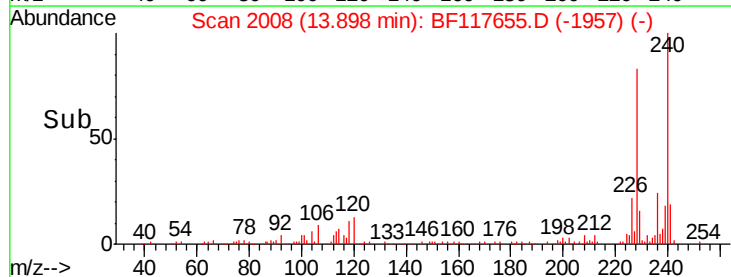
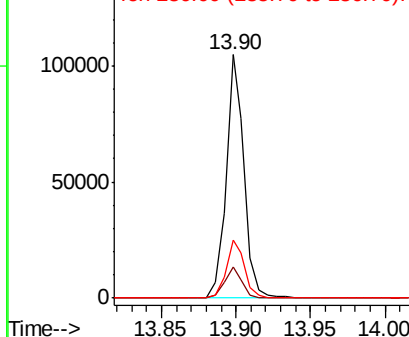


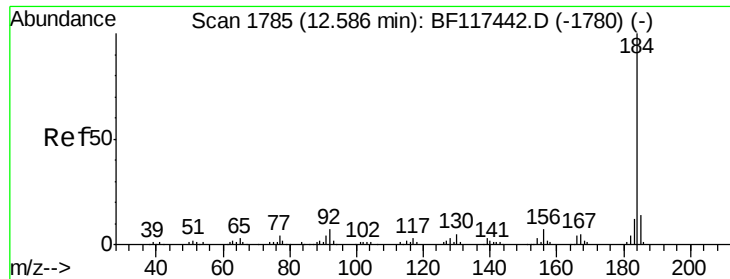
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.4	12.6
236	23.9	20.0	30.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 64.825 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

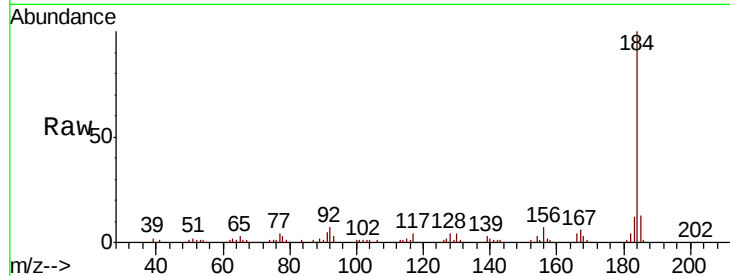
Tot Ion:184 Resp: 134368

Ion Ratio Lower Upper

184 100

185 12.9 11.4 17.0

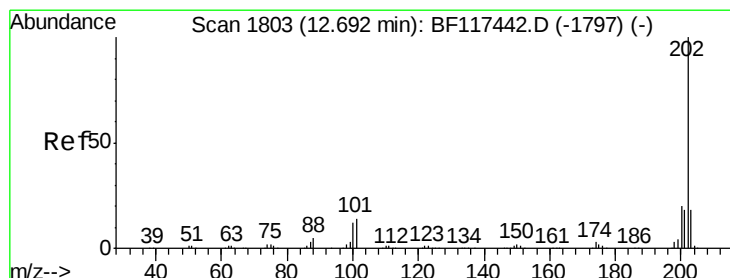
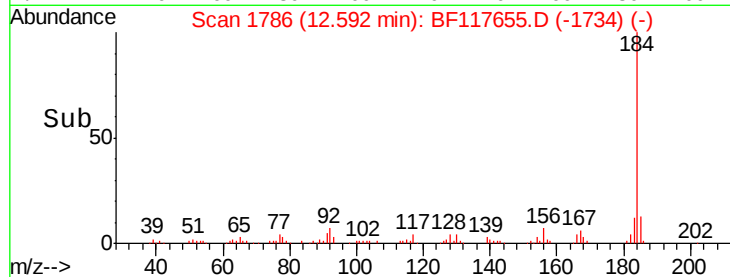
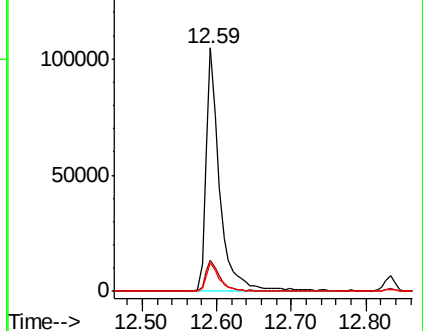
183 11.7 9.6 14.4



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: 43.946 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

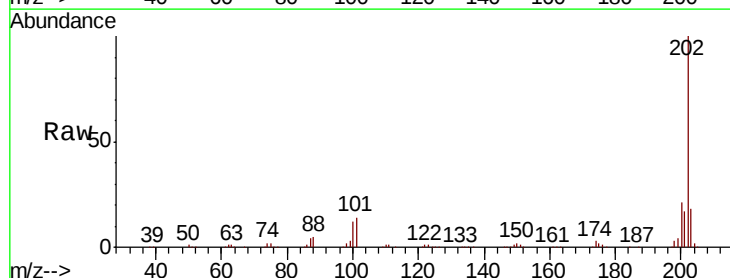
Tgt Ion:202 Resp: 333736

Ion Ratio Lower Upper

202 100

200 20.9 16.2 24.2

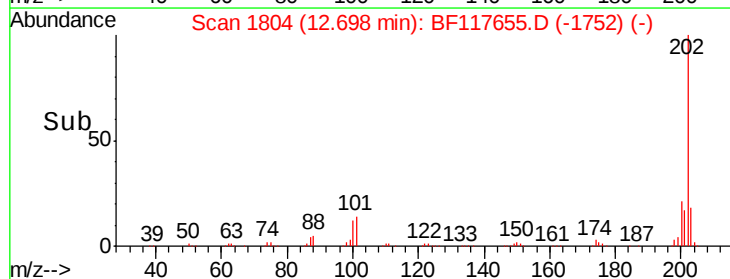
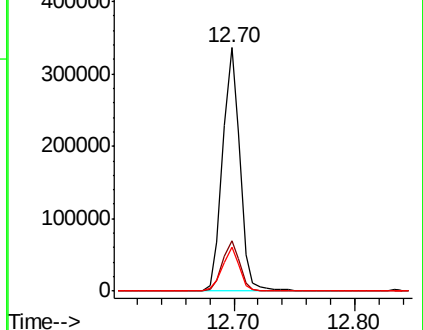
203 18.0 14.0 21.0

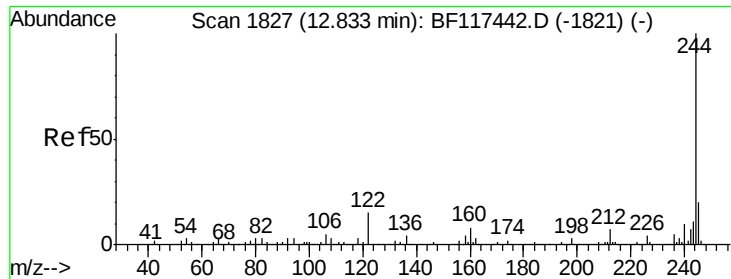


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.971 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

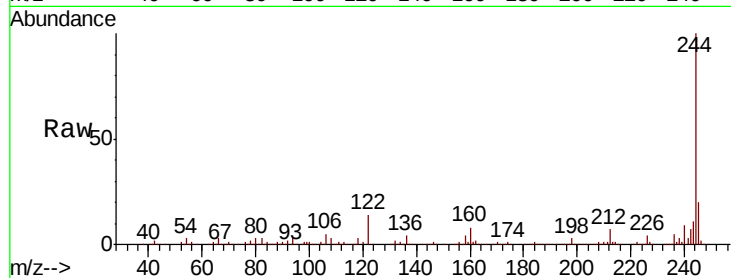
Tot Ion:244 Resp: 438894

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

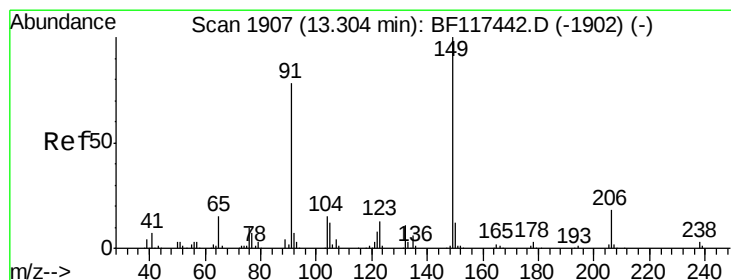
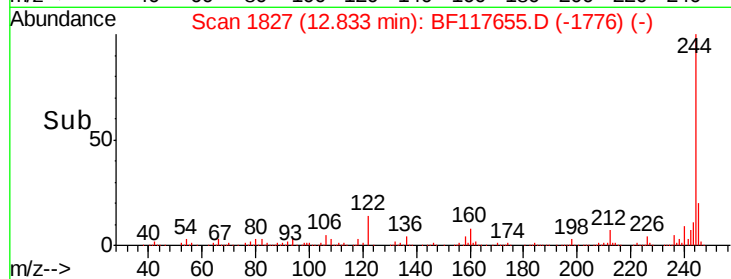
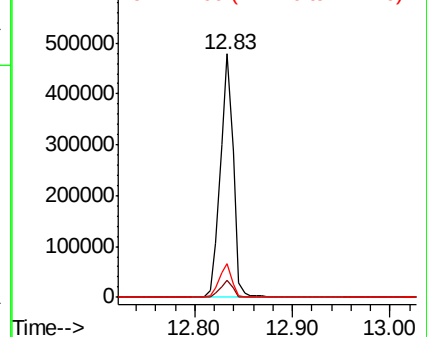
122 13.8 11.8 17.8



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: 40.708 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

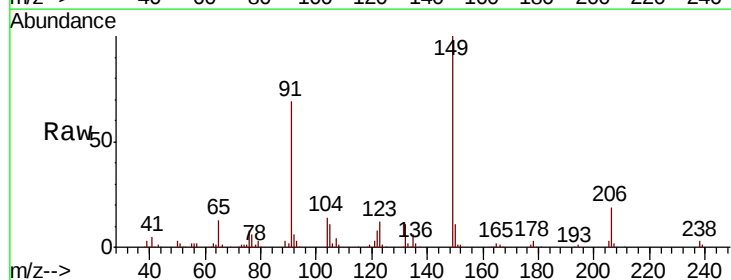
Tgt Ion:149 Resp: 153837

Ion Ratio Lower Upper

149 100

91 69.2 62.1 93.1

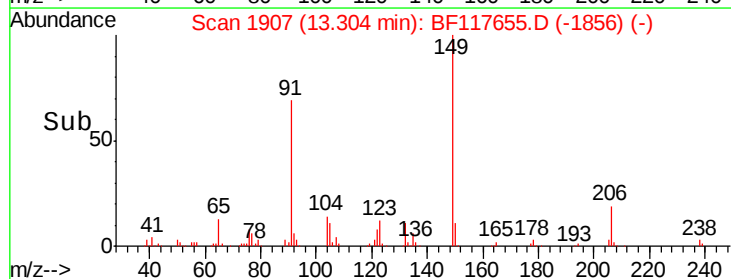
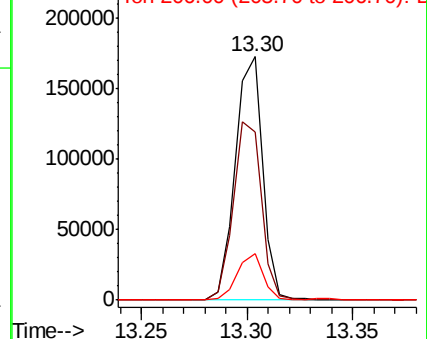
206 19.1 14.3 21.5

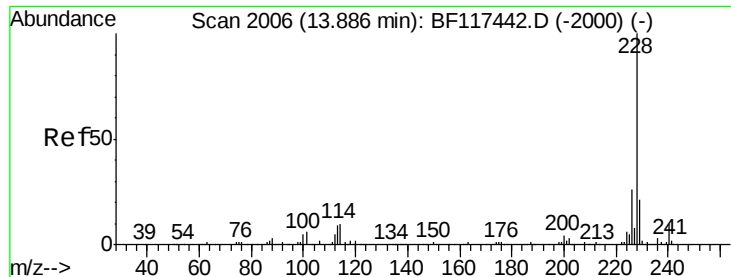


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

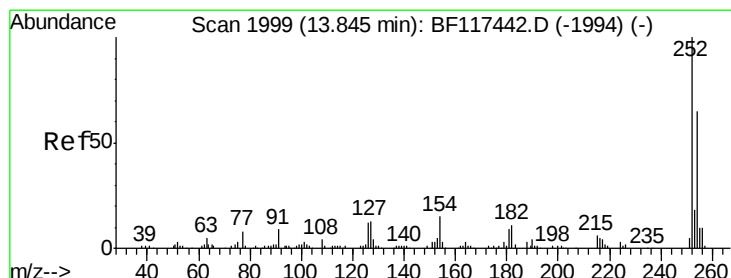
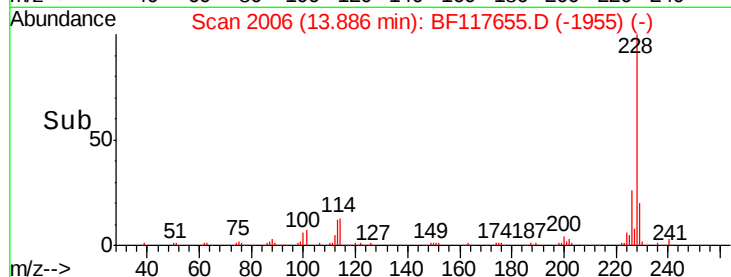
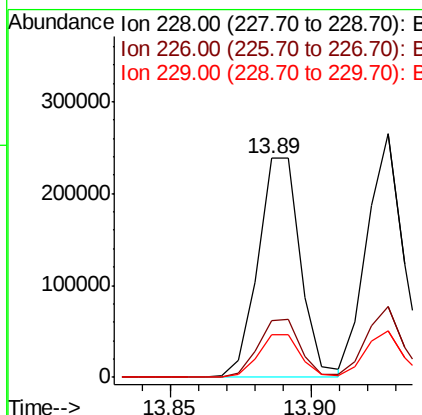
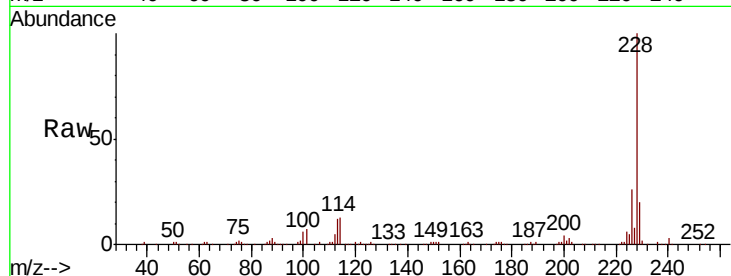




#81
Benzo(a)anthracene
Concen: 41.752 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

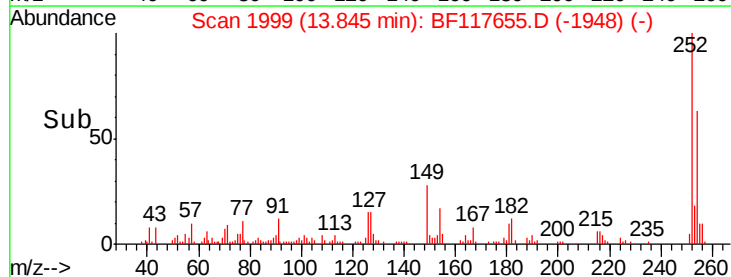
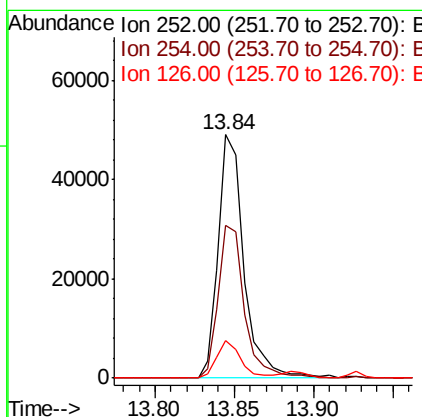
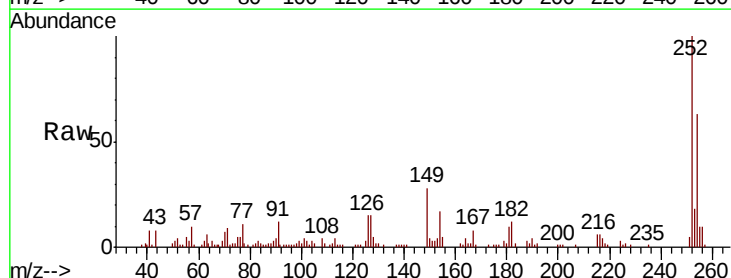
Instrument :
BNA_F
ClientSampleId :

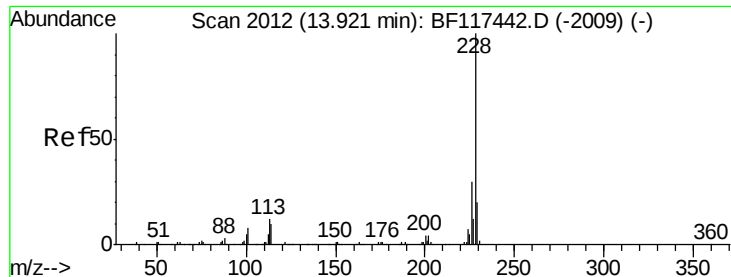
Tot Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.0	31.4
229	19.7	16.4	24.6



#82
3,3'-Dichlorobenzidine
Concen: 29.600 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	52.2	78.4
126	15.2	9.2	13.8#

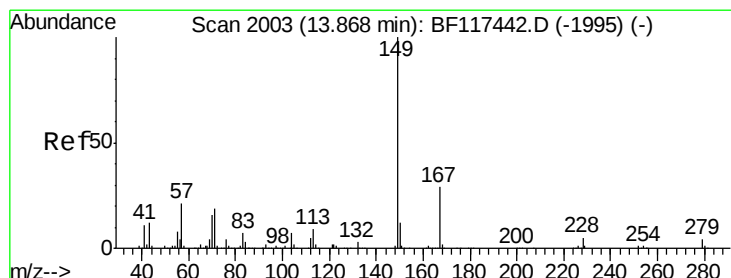
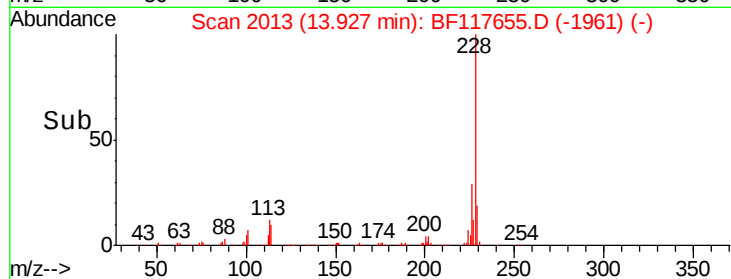
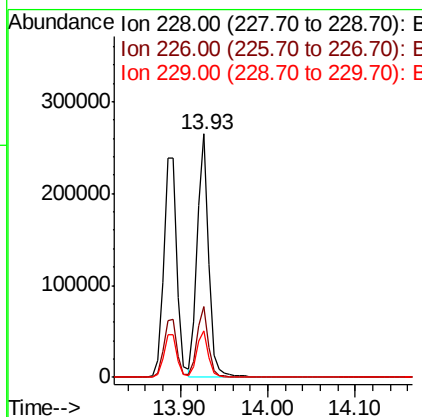
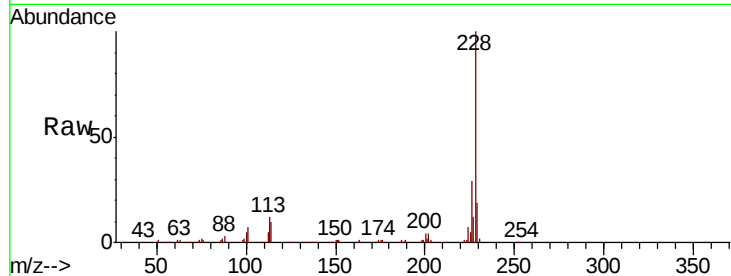




#83
 Chrvsene
 Concen: 41.765 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

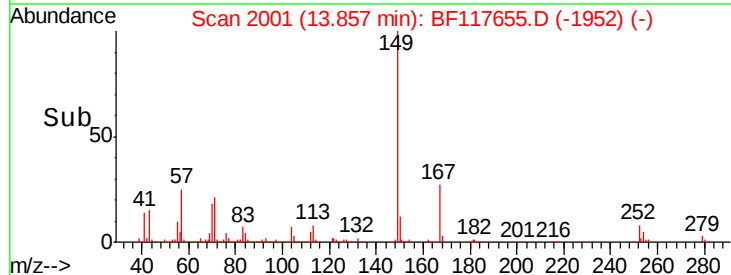
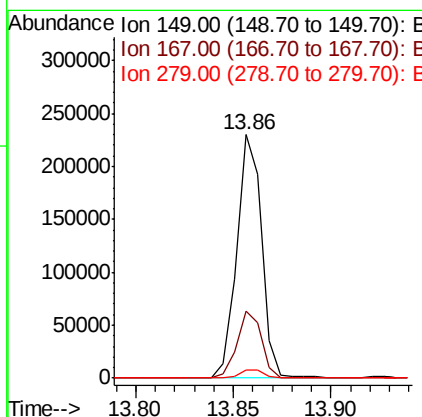
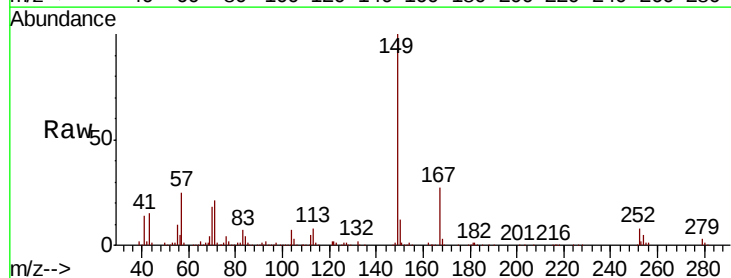
Instrument :
 BNA_F
 ClientSampleId :

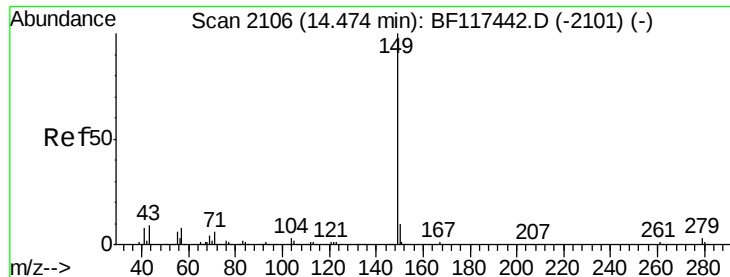
Tot Ion:228 Resp: 244115
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.9 35.9
 229 19.2 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.285 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF117655.D
 Acq: 31 Oct 2019 13:57

Tgt Ion:149 Resp: 202671
 Ion Ratio Lower Upper
 149 100
 167 27.3 23.3 34.9
 279 3.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 40.208 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

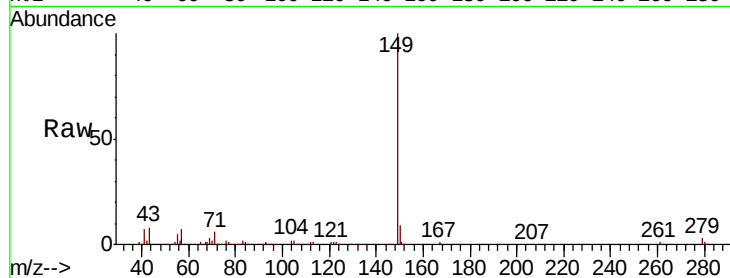
Tot Ion:149 Resp: 327262

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

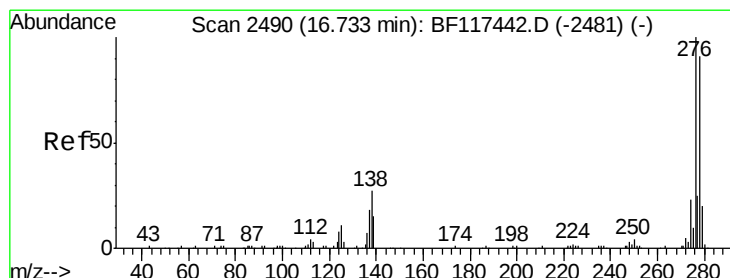
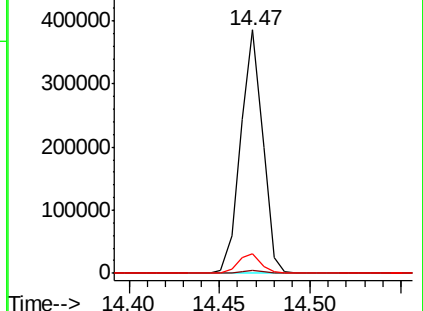
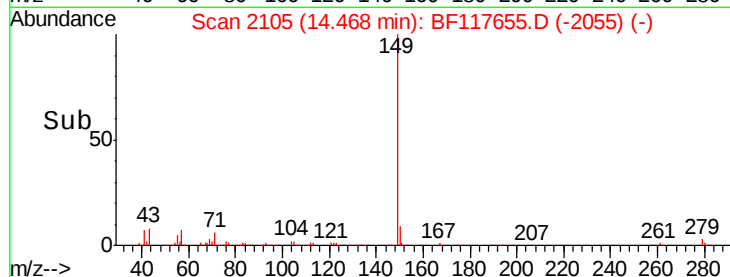
43 8.3 6.8 10.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.988 ng

RT: 16.76 min Scan# 2495

Delta R.T. 0.03 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

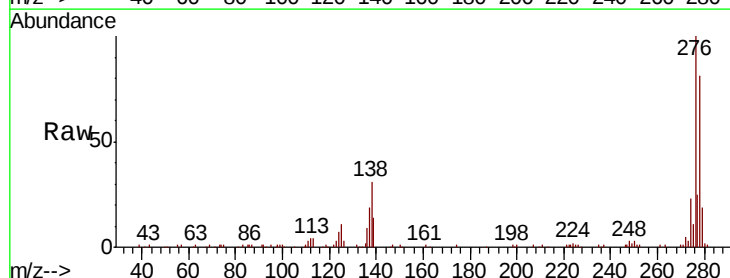
Tgt Ion:276 Resp: 200684

Ion Ratio Lower Upper

276 100

138 29.1 21.8 32.8

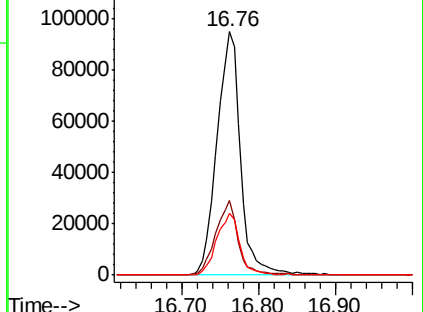
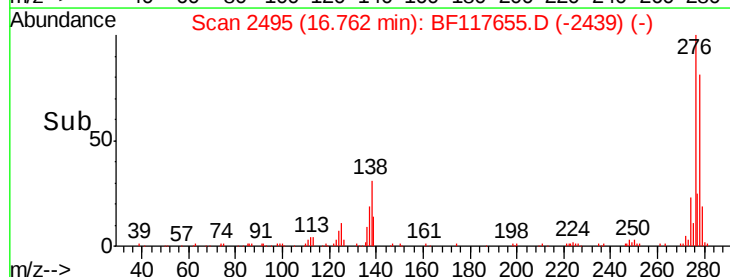
277 25.1 20.0 30.0

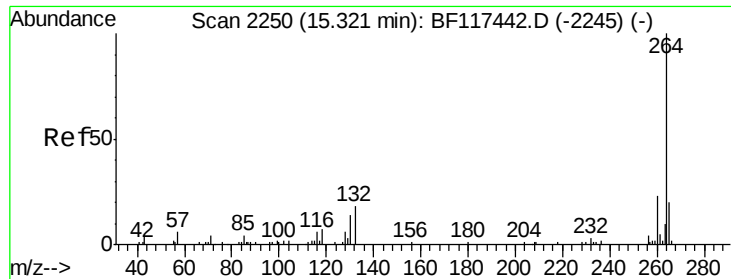


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

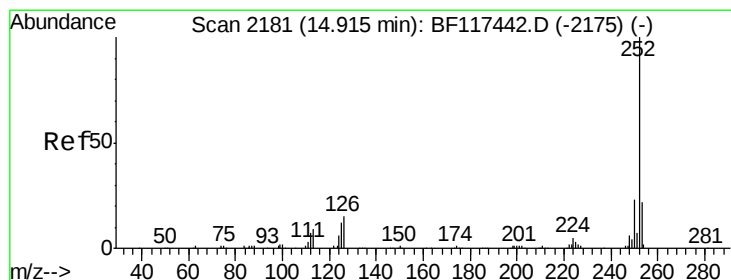
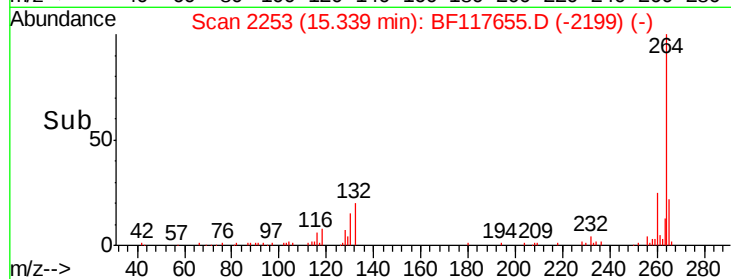
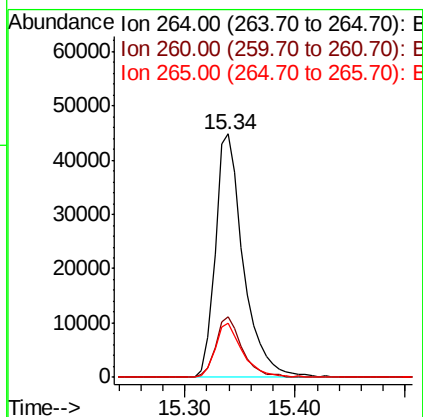
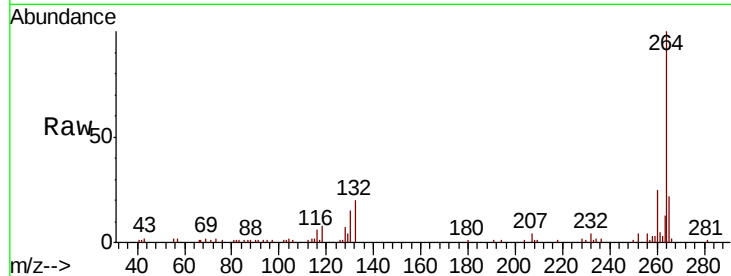




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

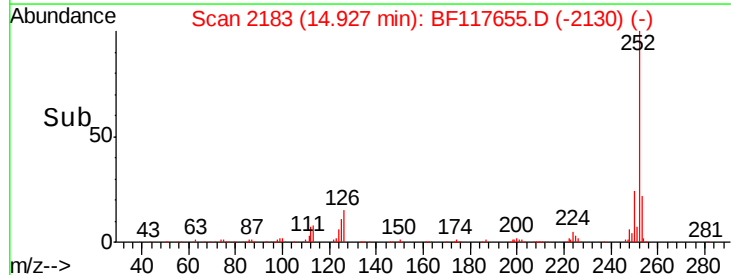
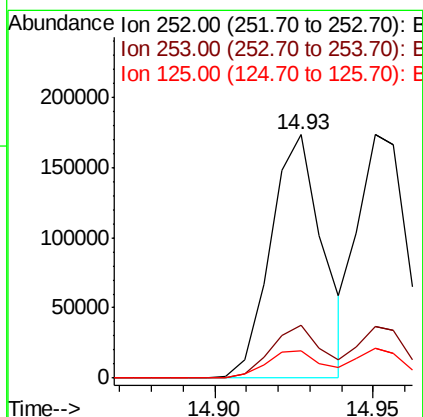
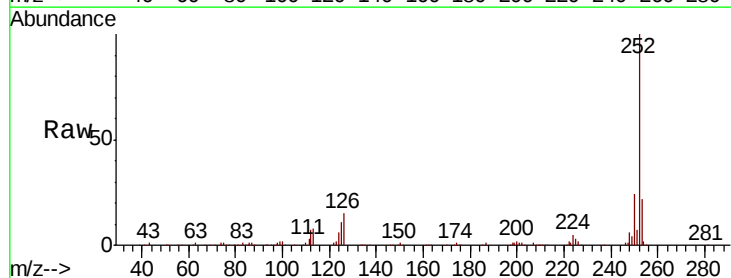
Instrument :
BNA_F
ClientSampleId :

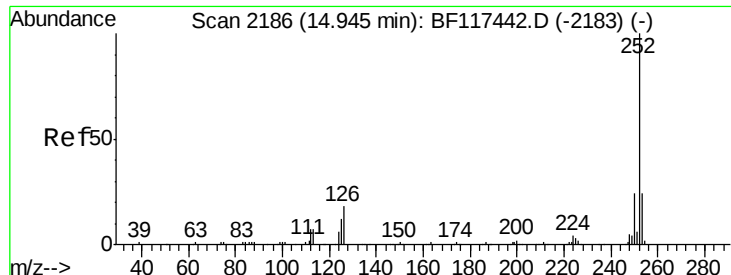
Tot Ion:264 Resp: 78784
Ion Ratio Lower Upper
264 100
260 25.0 18.4 27.6
265 22.5 16.1 24.1



#88
Benzo(b)fluoranthene
Concen: 42.634 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion:252 Resp: 198346
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.6
125 11.1 9.9 14.9

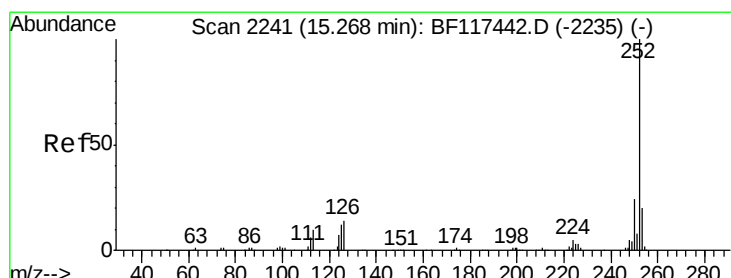
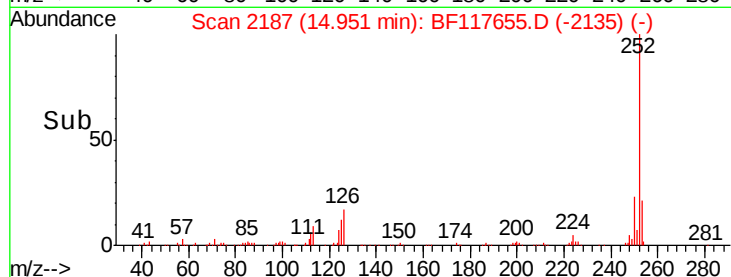
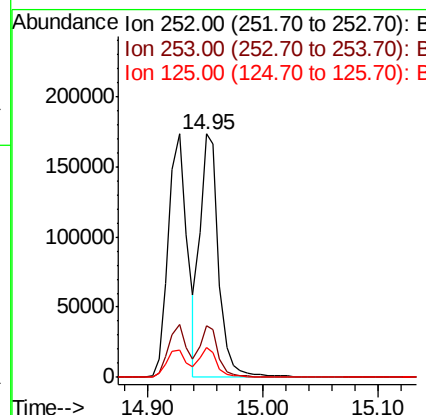
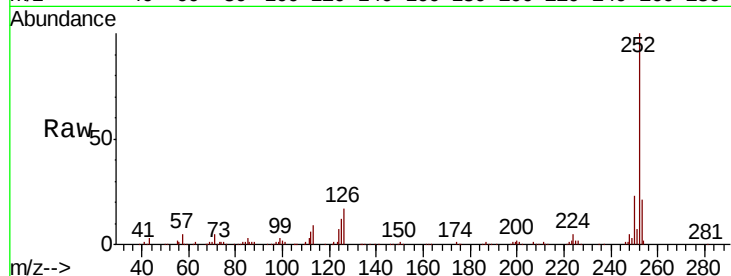




#89
Benzo(k)fluoranthene
Concen: 41.305 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

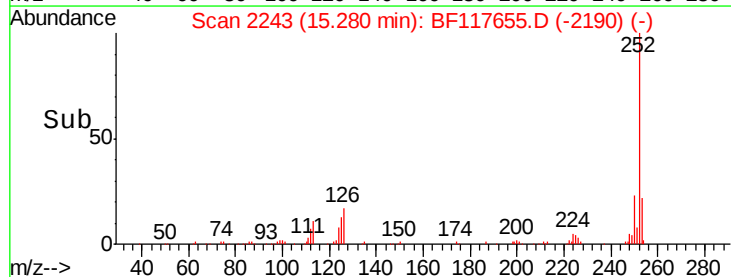
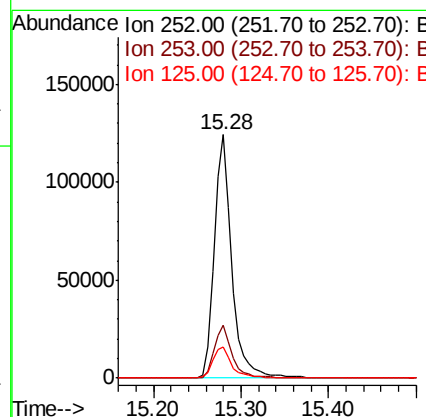
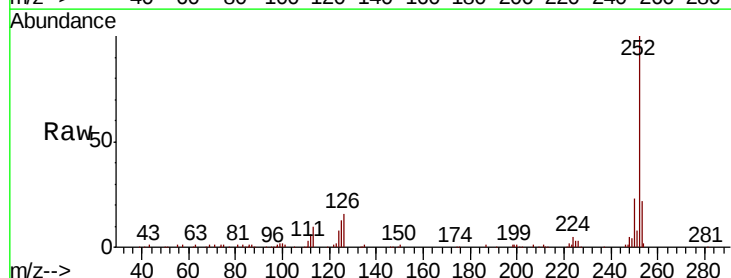
Instrument :
BNA_F
ClientSampleId :

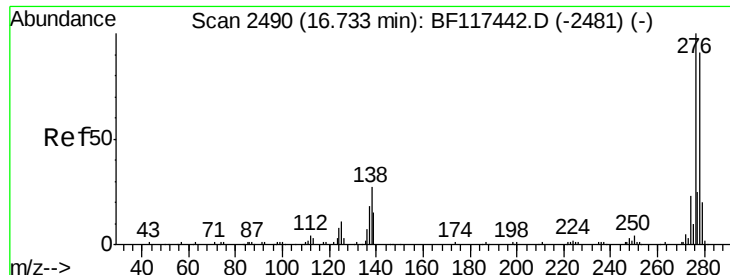
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.0	27.0
125	12.1	8.9	13.3



#90
Benzo(a)pyrene
Concen: 40.931 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117655.D
Acq: 31 Oct 2019 13:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.3	24.5
125	12.6	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 45.929 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

Instrument :

BNA_F

ClientSampleId :

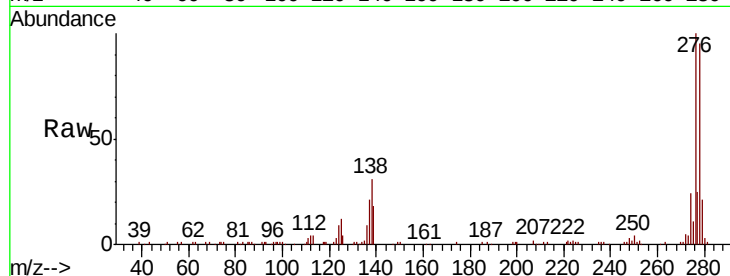
Tot Ion:278 Resp: 167986

Ion Ratio Lower Upper

278 100

139 18.7 13.4 20.0

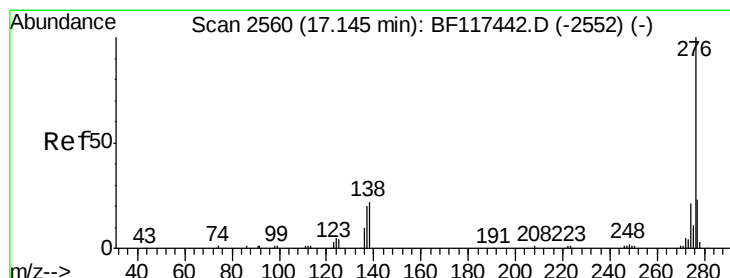
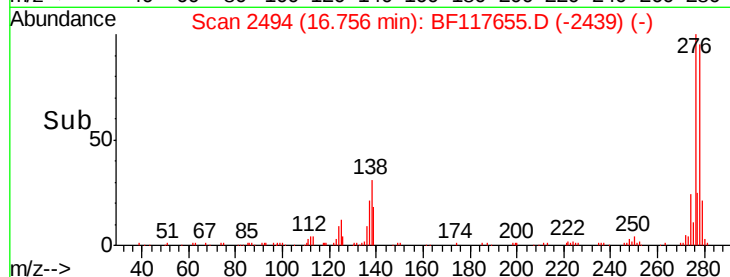
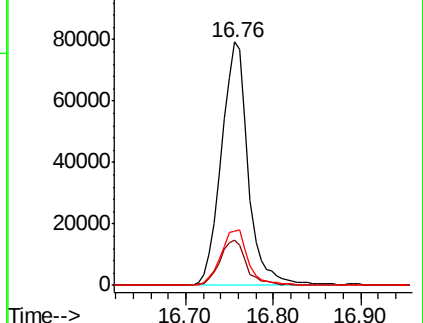
279 22.2 17.8 26.6



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: 48.850 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.05 min

Lab File: BF117655.D

Acq: 31 Oct 2019 13:57

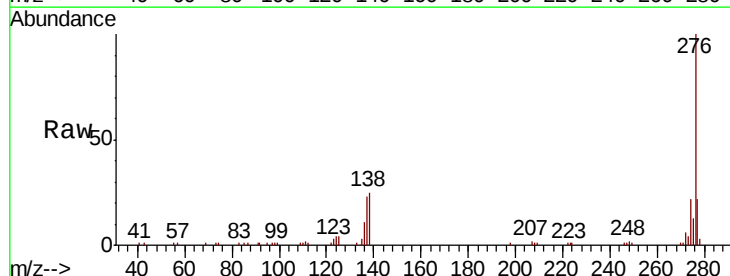
Tgt Ion:276 Resp: 169052

Ion Ratio Lower Upper

276 100

277 22.2 18.4 27.6

138 24.7 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

