

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117152.D
 Acq On : 18 Sep 2019 18:41
 Operator : HP/JU
 Sample : K4666-18MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:14:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63317	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	247981	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	121043	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	201219	20.00	ng	0.00
76) Chrysene-d12	13.97	240	143024	20.00	ng	0.00
87) Perylene-d12	15.42	264	151687	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	499698	123.21	ng	0.02
7) Phenol-d6	6.47	99	616034	117.54	ng	0.01
23) Nitrobenzene-d5	7.39	82	445489	94.39	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	147237	145.54	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	736789	95.17	ng	0.00
79) Terphenyl-d14	12.91	244	735715	96.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	68986	40.651	ng	# 85
3) Pyridine	3.43	79	123409	26.568	ng	95
4) n-Nitrosodimethylamine	3.35	42	69261	43.450	ng	99
6) Aniline	6.49	93	93595	13.870	ng	# 85
8) 2-Chlorophenol	6.62	128	200111	45.738	ng	99
9) Benzaldehyde	6.37	77	90941	33.097	ng	98
10) Phenol	6.48	94	224257	38.812	ng	94
11) bis(2-Chloroethyl)ether	6.56	93	193757	45.626	ng	97
12) 1,3-Dichlorobenzene	6.77	146	198265	40.384	ng	97
13) 1,4-Dichlorobenzene	6.84	146	208552	41.625	ng	98
14) 1,2-Dichlorobenzene	7.00	146	193630	41.510	ng	99
15) Benzyl Alcohol	6.97	79	183217	45.585	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	180439	43.007	ng	87
17) 2-Methylphenol	7.09	107	161041	43.919	ng	91
18) Hexachloroethane	7.33	117	78501	40.728	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	144301	45.214	ng	98
20) 3+4-Methylphenols	7.24	107	202442	44.324	ng	# 82
22) Acetophenone	7.23	105	301496	47.853	ng	97
24) Nitrobenzene	7.40	77	224845	48.242	ng	98
25) Isophorone	7.65	82	400935	47.979	ng	100
26) 2-Nitrophenol	7.72	139	105284	52.590	ng	97
27) 2,4-Dimethylphenol	7.76	122	172617	54.372	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	239051	46.431	ng	99
29) 2,4-Dichlorophenol	7.97	162	163196	49.059	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	162898	45.326	ng	98
31) Naphthalene	8.12	128	583389	48.916	ng	99
32) Benzoic acid	7.89	122	62883	29.222	ng	93
33) 4-Chloroaniline	8.18	127	51864	9.805	ng	98
34) Hexachlorobutadiene	8.24	225	89401	43.846	ng	97
35) Caprolactam	8.54	113	24583	21.833	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	190478	49.107	ng	99
37) 2-Methylnaphthalene	8.82	142	388163	48.332	ng	97
38) 1-Methylnaphthalene	8.91	142	357685	47.553	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	153270	49.036	ng	99

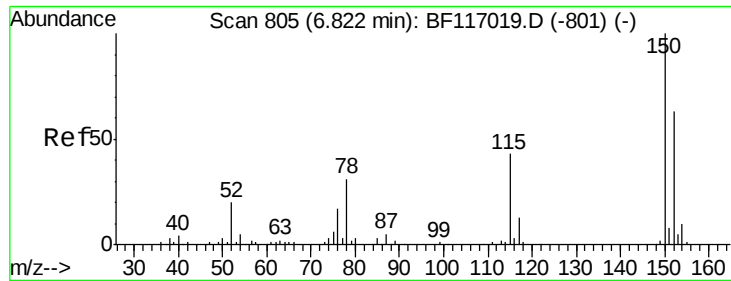
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117152.D
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Quant Time: Sep 19 05:14:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	123936	88.752	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	104733	49.375	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	114213	50.397	ng	98
46) 1,1'-Biphenyl	9.27	154	461128	48.567	ng	99
47) 2-Chloronaphthalene	9.30	162	364783	48.681	ng	98
48) 2-Nitroaniline	9.40	65	116436	48.445	ng	97
49) Acenaphthylene	9.72	152	574734	51.200	ng	100
50) Dimethylphthalate	9.57	163	455703	53.171	ng	98
51) 2,6-Dinitrotoluene	9.64	165	90894	52.073	ng	98
52) Acenaphthene	9.89	154	323658	48.640	ng	99
53) 3-Nitroaniline	9.81	138	52685	23.923	ng	95
54) 2,4-Dinitrophenol	9.92	184	67379	88.320	ng	93
55) Dibenzofuran	10.06	168	494882	50.407	ng	98
56) 4-Nitrophenol	9.98	139	122631	85.915	ng	96
57) 2,4-Dinitrotoluene	10.05	165	126042	55.628	ng	95
58) Fluorene	10.40	166	401488	50.766	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	87007	50.170	ng	100
60) Diethylphthalate	10.27	149	405549	48.097	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	168226	49.164	ng	96
62) 4-Nitroaniline	10.42	138	106449	46.478	ng	96
63) Azobenzene	10.55	77	426429	49.517	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	47968	51.698	ng	97
66) n-Nitrosodiphenylamine	10.51	169	344280	49.542	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	100206	48.764	ng	97
68) Hexachlorobenzene	10.95	284	104836	46.644	ng	96
69) Atrazine	11.03	200	95818	61.029	ng	99
70) Pentachlorophenol	11.14	266	107160	101.713	ng	98
71) Phenanthrene	11.36	178	571958	50.044	ng	99
72) Anthracene	11.41	178	598448	51.288	ng	99
73) Carbazole	11.56	167	562984	50.831	ng	99
74) Di-n-butylphthalate	11.89	149	635158	48.200	ng	100
75) Fluoranthene	12.54	202	591009	50.327	ng	97
77) Benzidine	12.66	184	94407	20.491	ng	98
78) Pyrene	12.77	202	592335	49.358	ng	99
80) Butylbenzylphthalate	13.38	149	275961	48.665	ng	98
81) Benzo(a)anthracene	13.96	228	475734	49.786	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	78057	25.349	ng	96
83) Chrysene	13.99	228	457624	49.102	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	363808	49.759	ng	99
85) Di-n-octyl phthalate	14.54	149	614580	53.406	ng	98
86) Indeno(1,2,3-cd)pyrene	16.86	276	475651	69.955	ng	99
88) Benzo(b)fluoranthene	15.00	252	414478	45.110	ng	98
89) Benzo(k)fluoranthene	15.03	252	403100	46.313	ng	98
90) Benzo(a)pyrene	15.36	252	408614	50.679	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	395534	61.580	ng	99
92) Benzo(g,h,i)perylene	17.29	276	404638	63.219	ng	98

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

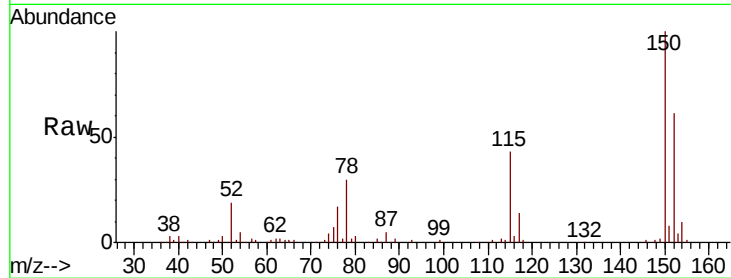


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	152	Resp	63317
Ion Ratio	Lower	Upper	
152	100		
150	162.8	127.5	191.3
115	69.9	55.0	82.4

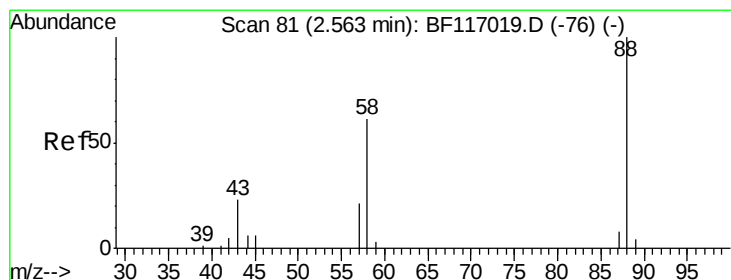
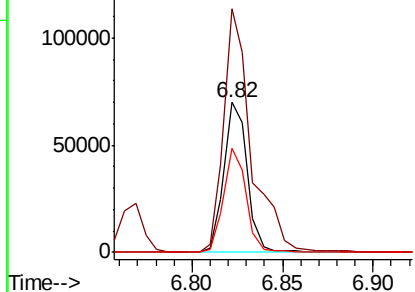
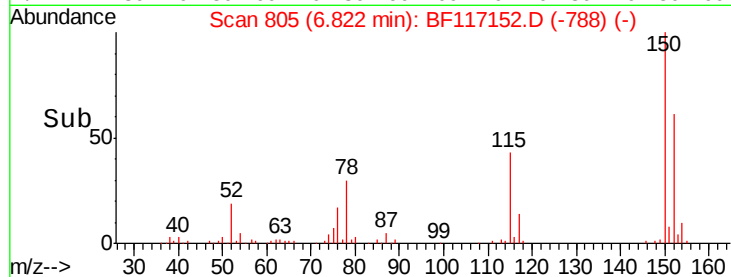


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

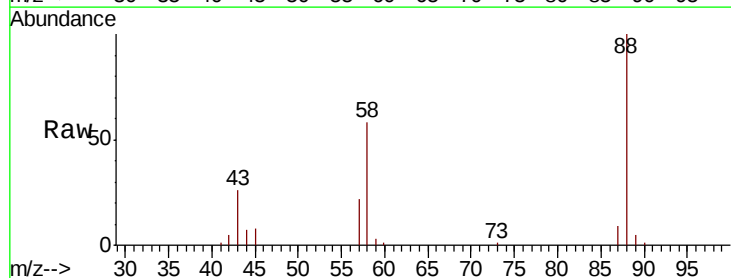
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.651 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.14 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	88	Resp	68986
Ion Ratio	Lower	Upper	
88	100		
58	59.7	49.3	73.9
43	0.0	18.8	28.2

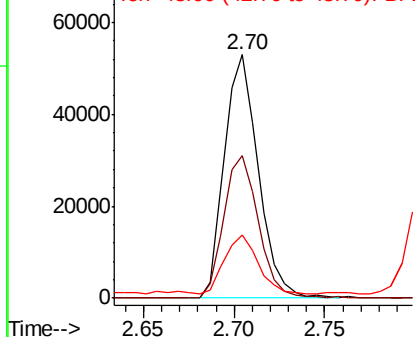
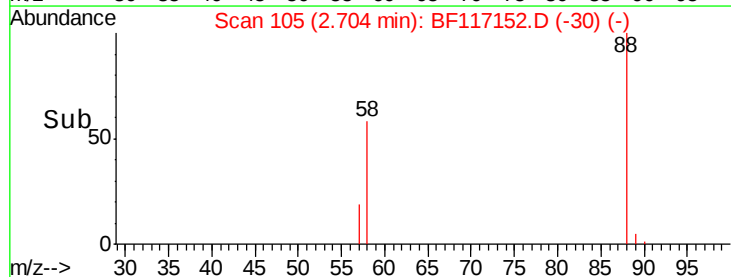


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 26.568 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.13 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

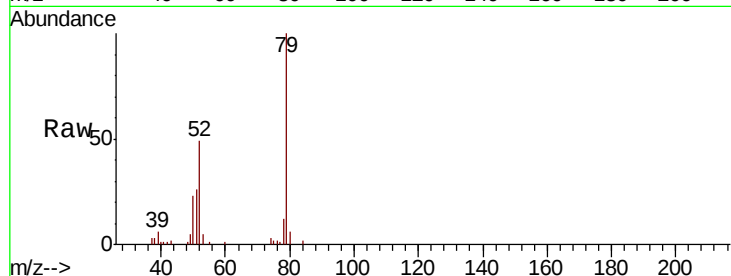
Tot Ion: 79 Resp: 123409

Ion Ratio Lower Upper

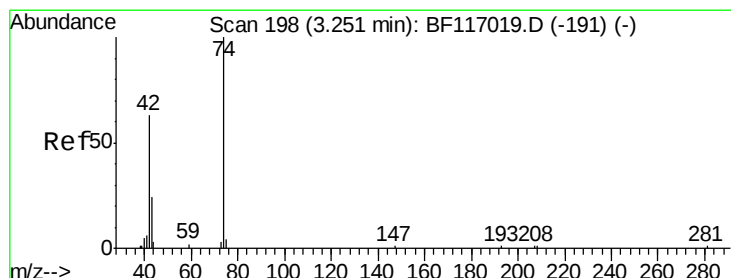
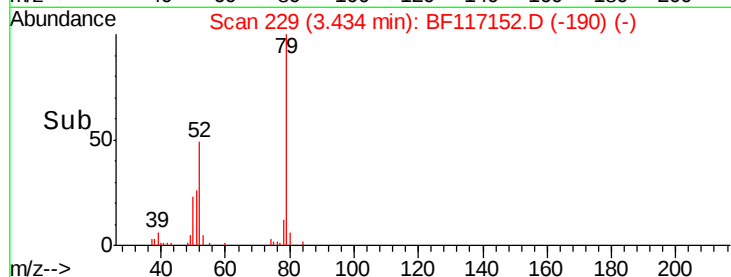
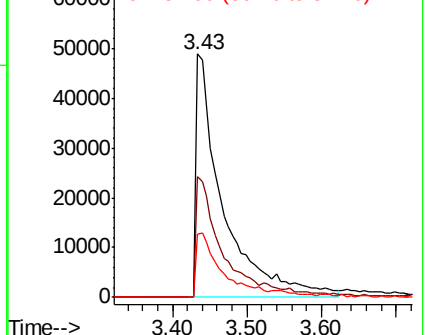
79 100

52 49.4 43.5 65.3

51 26.2 21.8 32.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.450 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

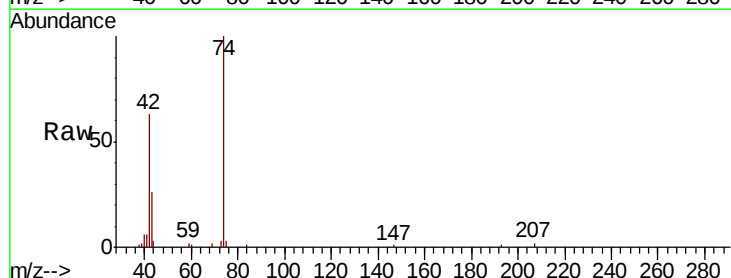
Tgt Ion: 42 Resp: 69261

Ion Ratio Lower Upper

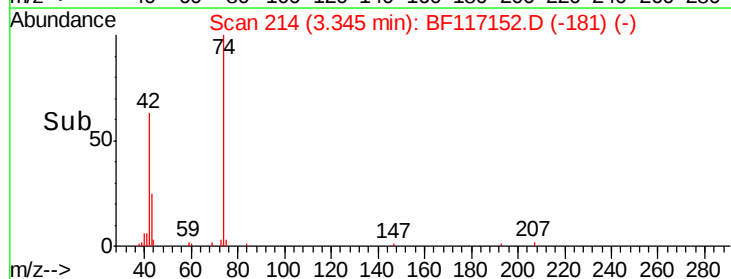
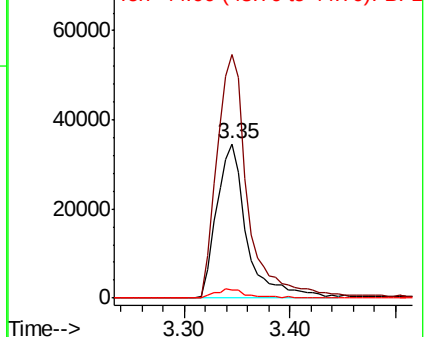
42 100

74 157.7 127.1 190.7

44 5.3 4.3 6.5



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 123.214 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampled :

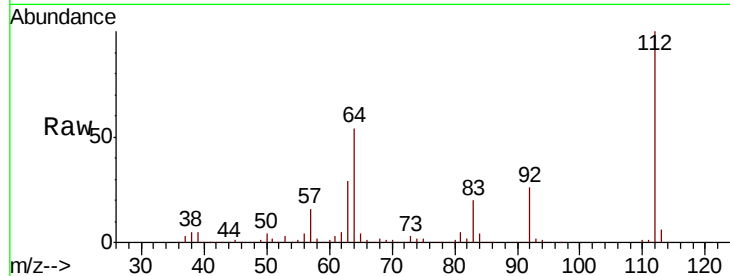
Tot Ion:112 Resp: 499698

Ion Ratio Lower Upper

112 100

64 54.5 45.7 68.5

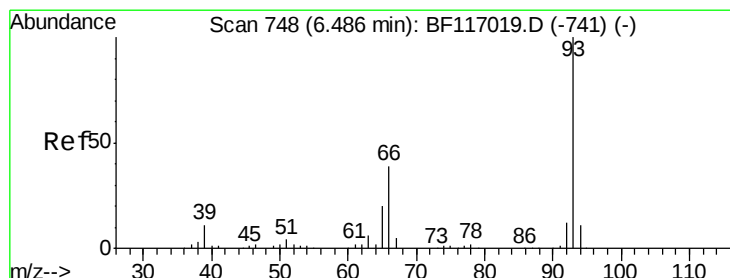
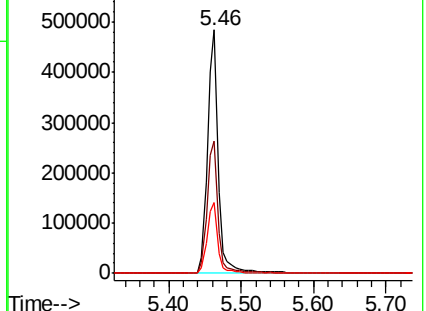
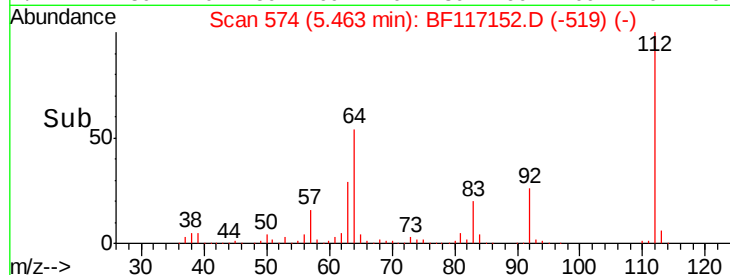
63 29.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.870 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

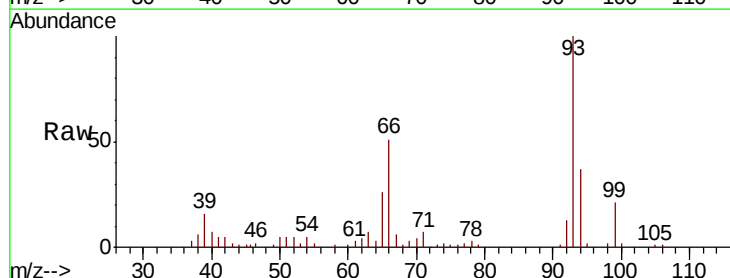
Tgt Ion: 93 Resp: 93595

Ion Ratio Lower Upper

93 100

66 51.1 32.6 49.0#

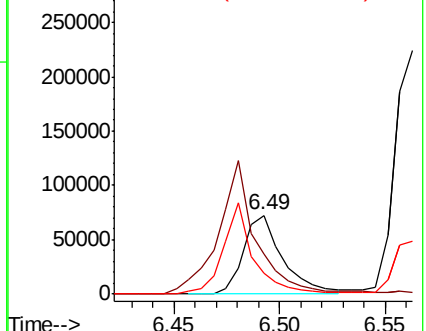
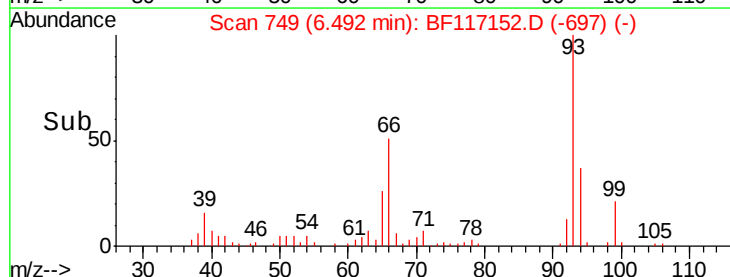
65 26.4 16.7 25.1#

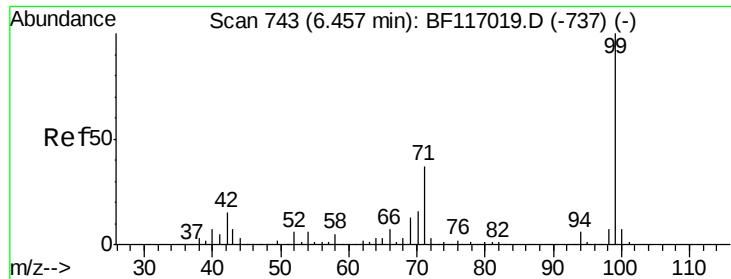


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.536 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

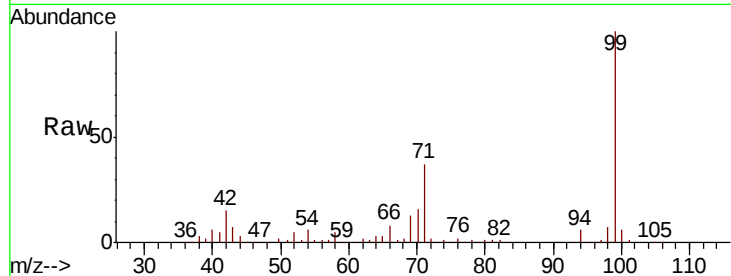
Tot Ion: 99 Resp: 616034

Ion Ratio Lower Upper

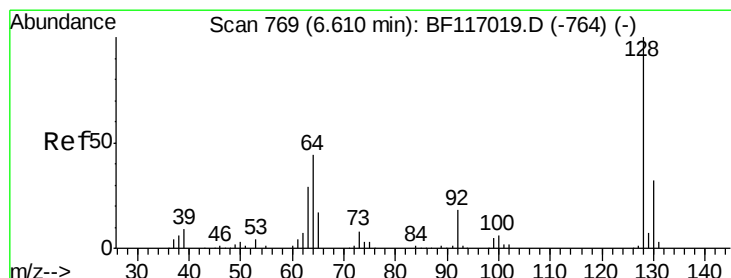
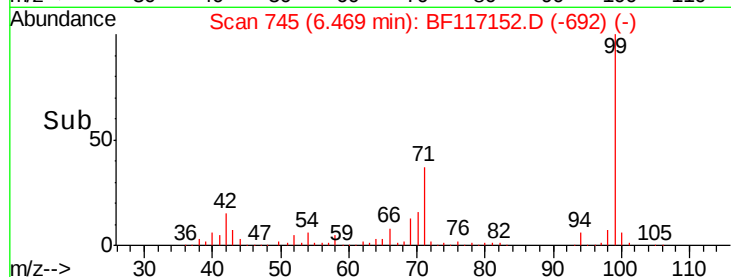
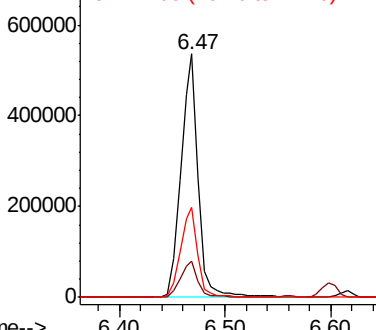
99 100

42 14.9 12.2 18.2

71 36.9 29.8 44.8



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: 45.738 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

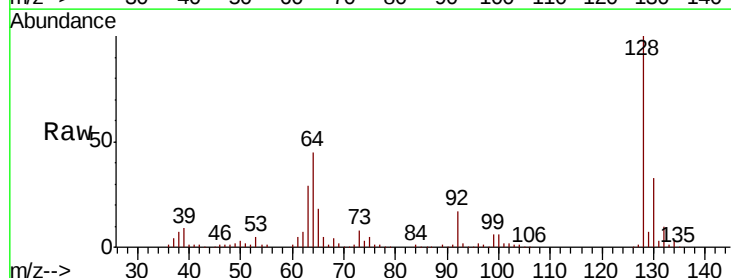
Tgt Ion: 128 Resp: 200111

Ion Ratio Lower Upper

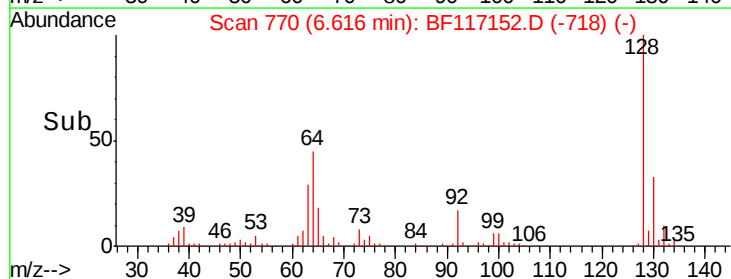
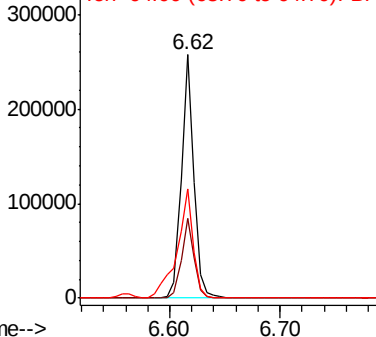
128 100

130 33.0 11.8 51.8

64 44.6 25.0 65.0



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: 33.097 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

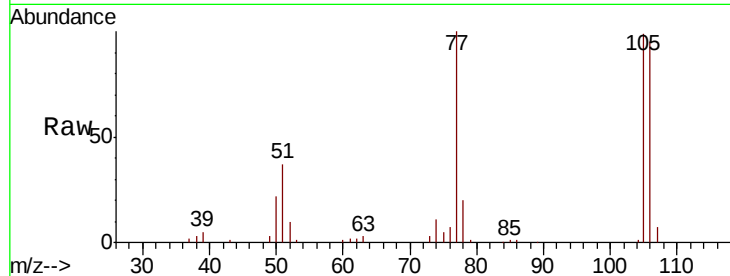
Tot Ion: 77 Resp: 90941

Ion Ratio Lower Upper

77 100

105 99.0 81.8 121.8

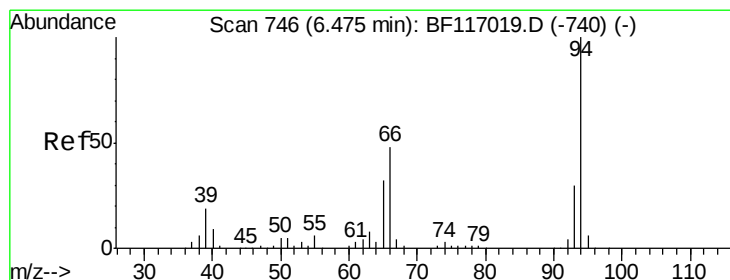
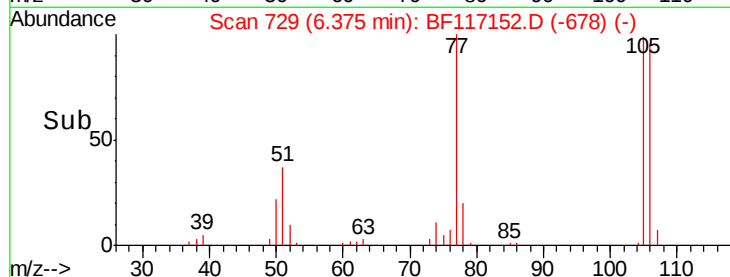
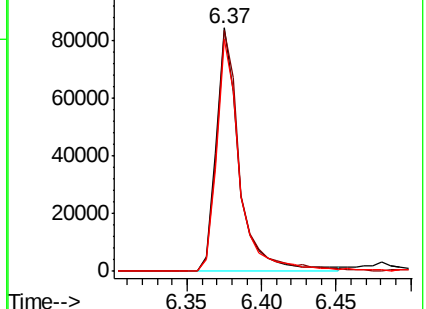
106 95.3 77.3 117.3



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: 38.812 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

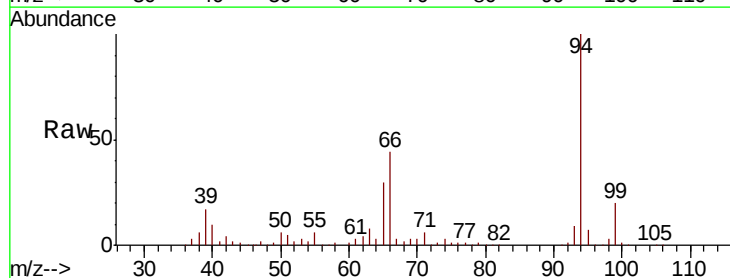
Tgt Ion: 94 Resp: 224257

Ion Ratio Lower Upper

94 100

65 29.9 12.5 52.5

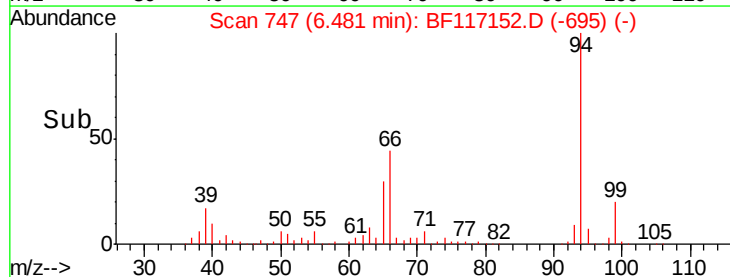
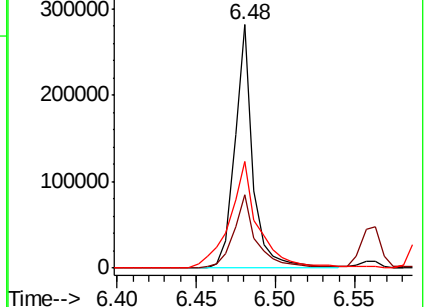
66 43.6 28.9 68.9

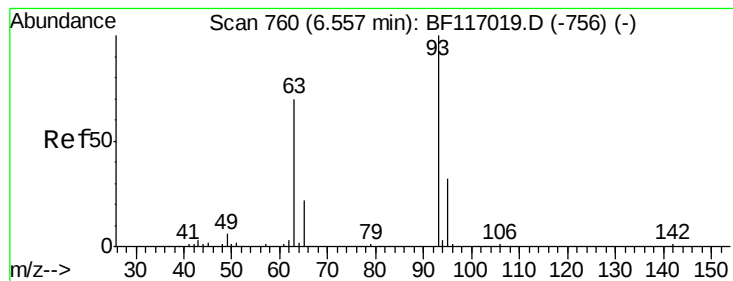


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

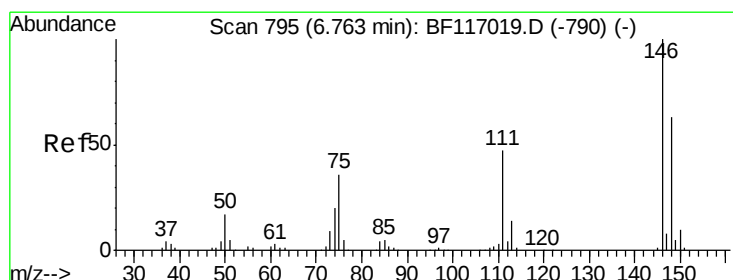
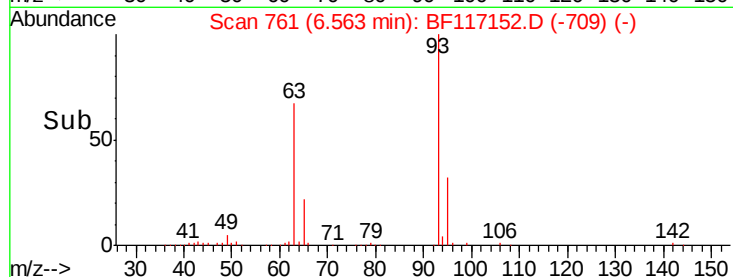
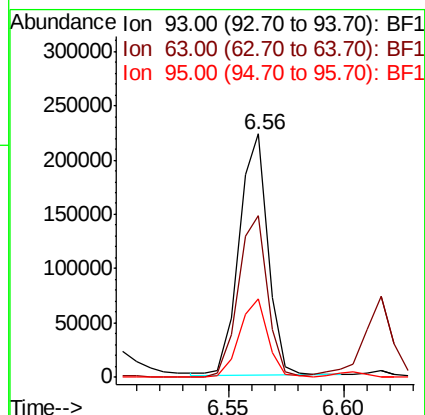
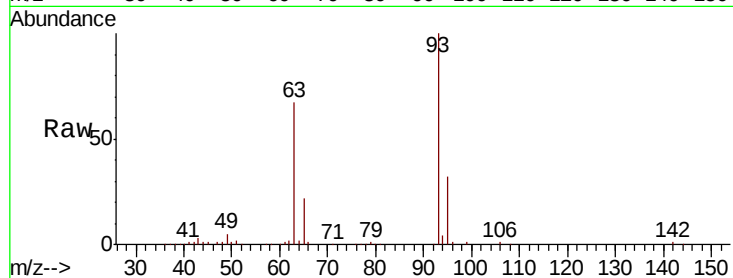




#11
bis(2-Chloroethyl)ether
Concen: 45.626 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

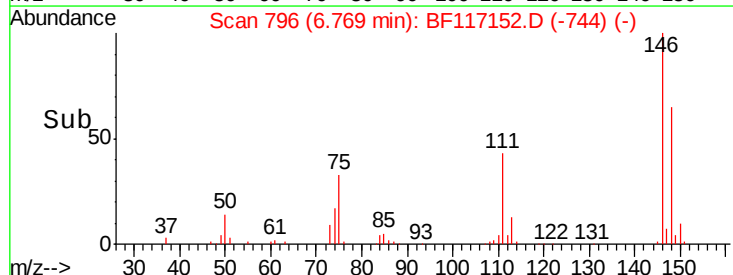
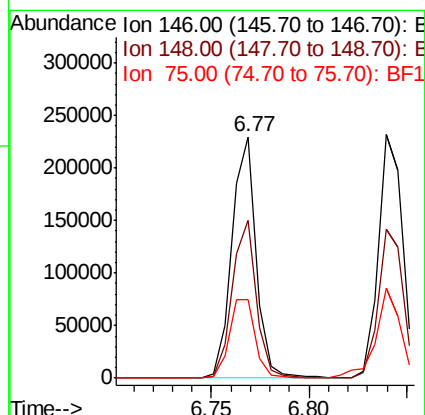
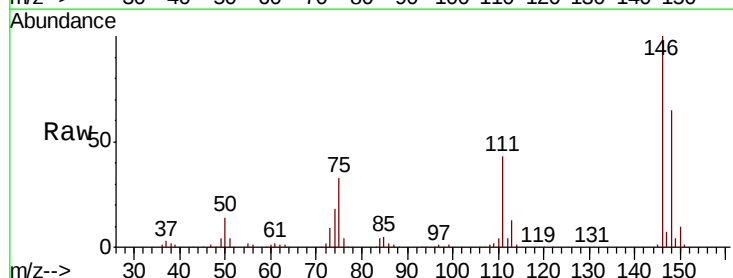
Instrument :
BNA_F
ClientSampled :

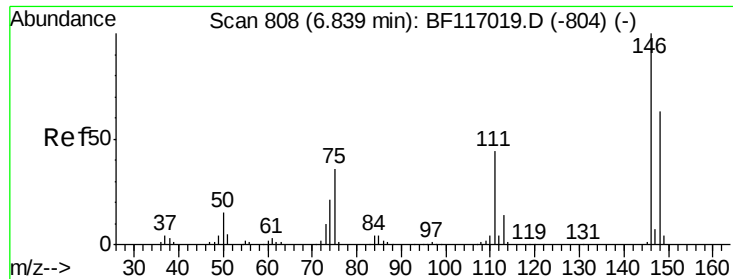
Tot Ion	Ratio	Lower	Upper
93	100		
63	66.6	49.3	89.3
95	32.2	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 40.384 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.8	76.2
75	32.8	28.7	43.1

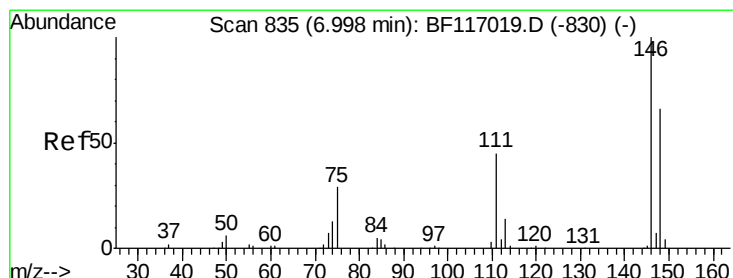
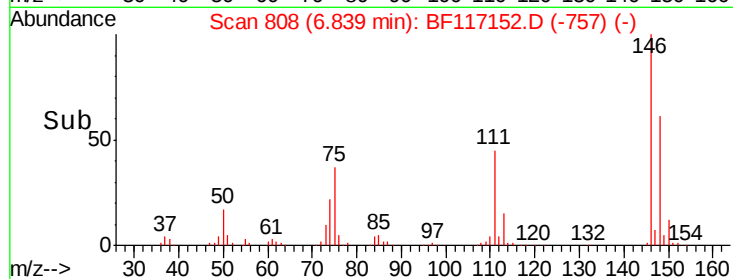
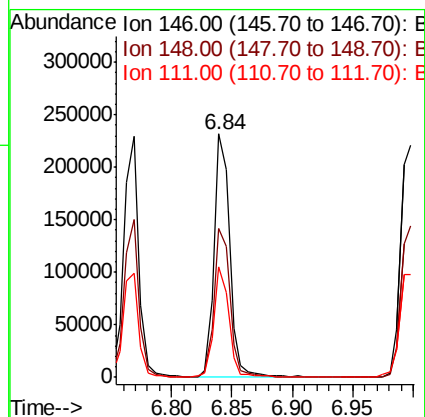
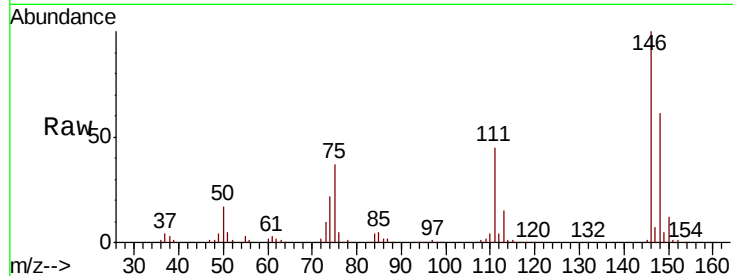




#13
 1,4-Dichlorobenzene
 Concen: 41.625 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

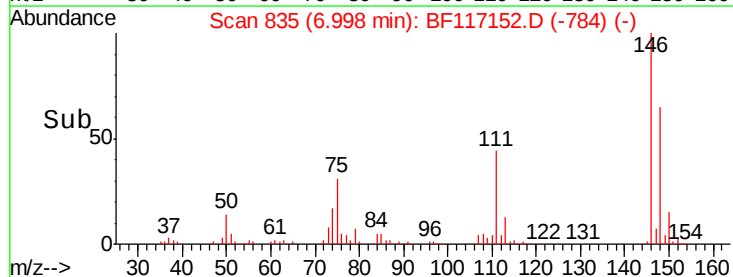
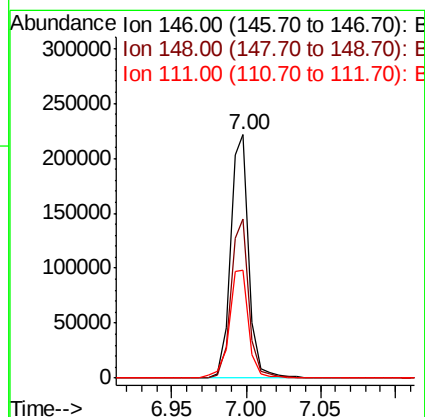
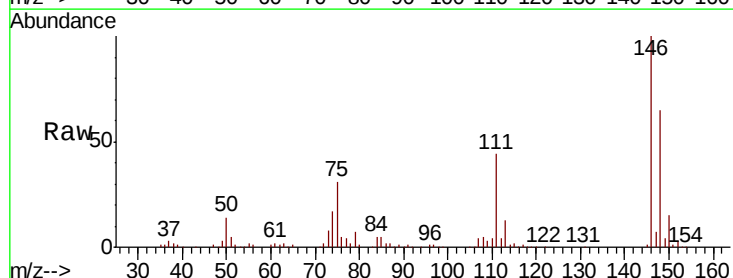
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 208552
 Ion Ratio Lower Upper
 146 100
 148 61.4 50.6 76.0
 111 45.2 35.0 52.6



#14
 1,2-Dichlorobenzene
 Concen: 41.510 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion:146 Resp: 193630
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.6 78.8
 111 44.4 36.2 54.2





#15

Benzyl Alcohol

Concen: 45.585 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampled :

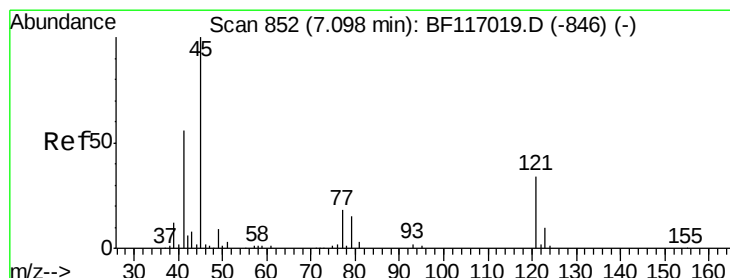
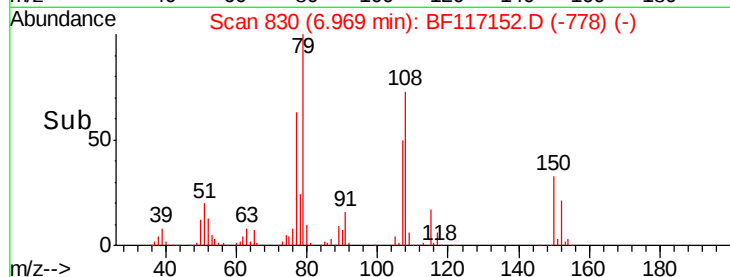
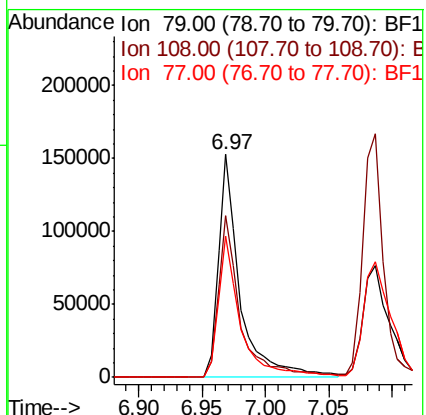
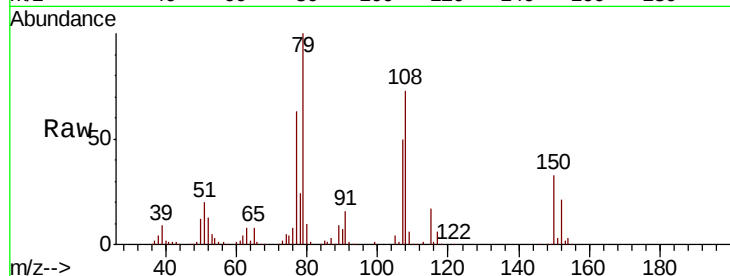
Tot Ion: 79 Resp: 183217

Ion Ratio Lower Upper

79 100

108 72.6 59.4 89.0

77 63.2 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.007 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

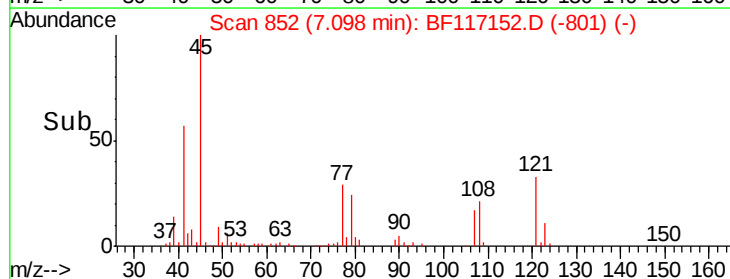
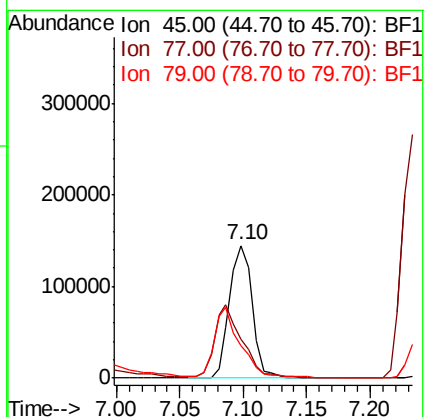
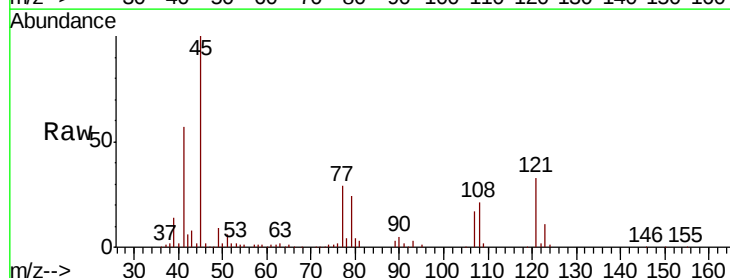
Tgt Ion: 45 Resp: 180439

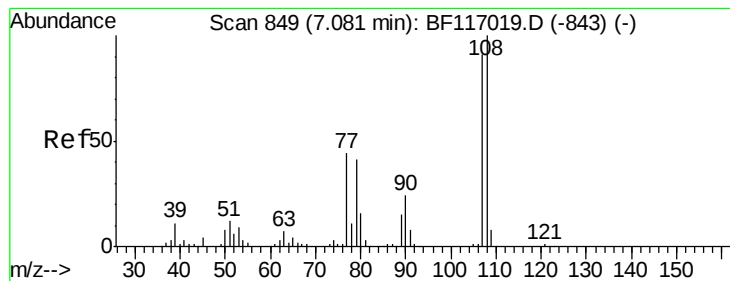
Ion Ratio Lower Upper

45 100

77 29.0 2.7 42.7

79 24.3 0.0 38.9

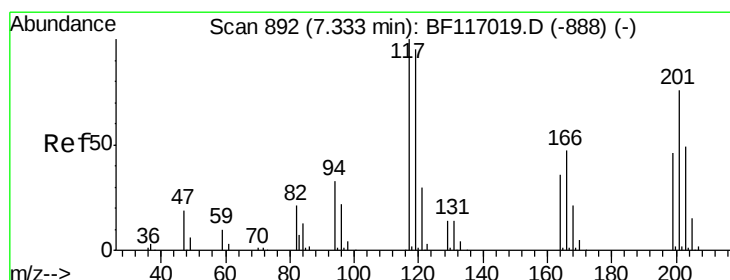
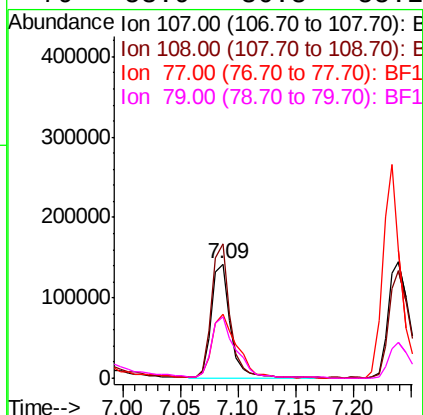
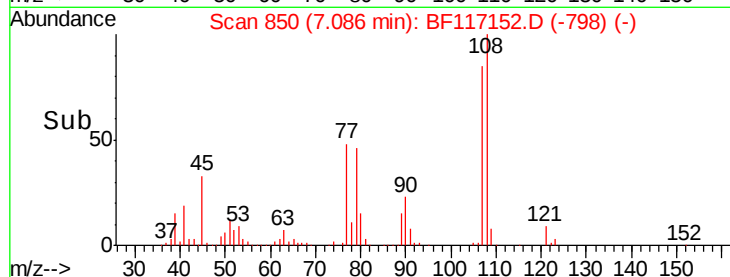
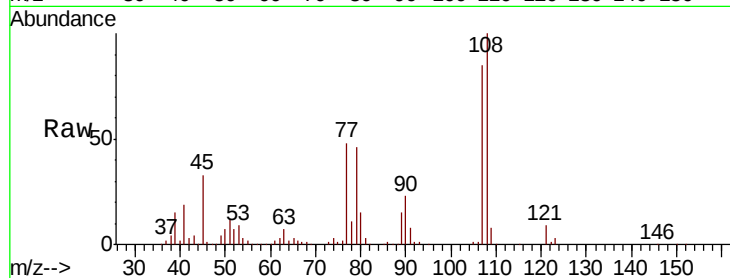




#17
2-Methylphenol
Concen: 43.919 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

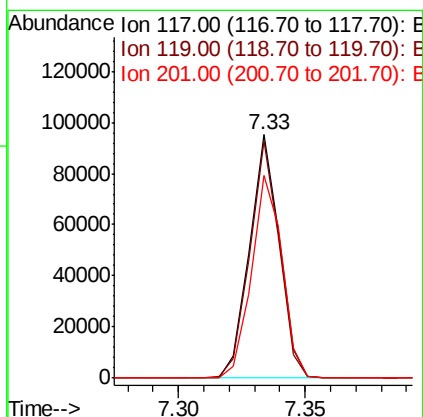
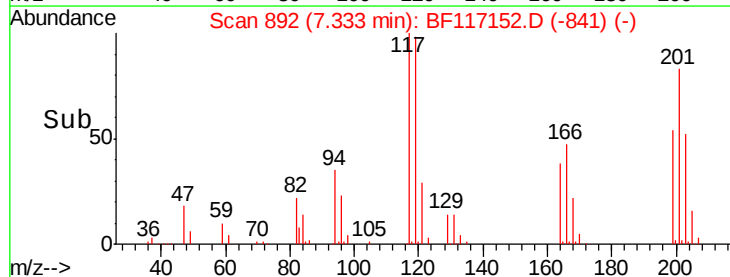
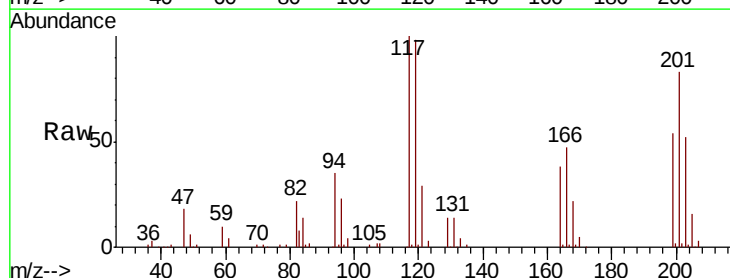
Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 161041
Ion Ratio Lower Upper
107 100
108 117.3 87.7 131.5
77 56.0 38.6 58.0
79 53.9 36.8 55.2



#18
Hexachloroethane
Concen: 40.728 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:117 Resp: 78501
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 83.4 60.9 91.3

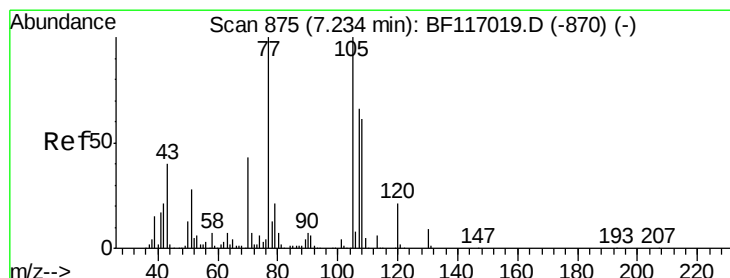
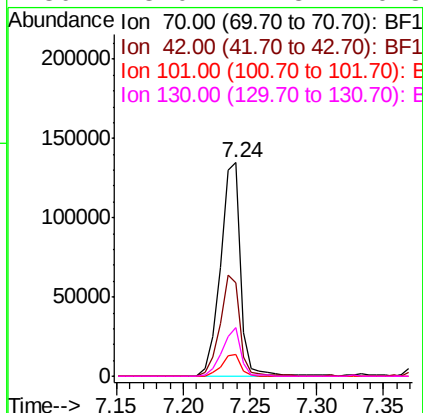
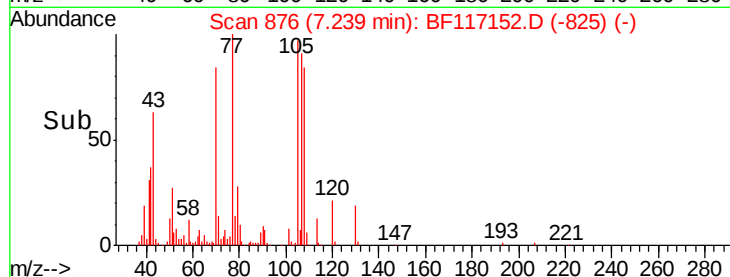
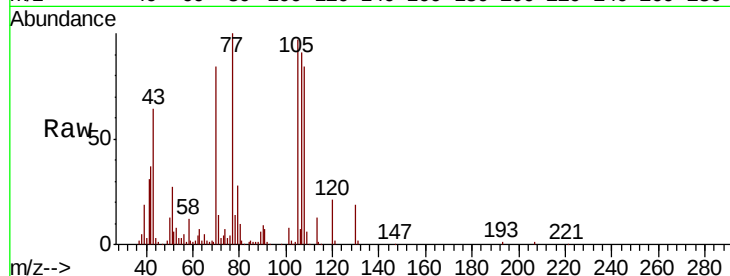




#19
n-Nitroso-di-n-propylamine
Concen: 45.214 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

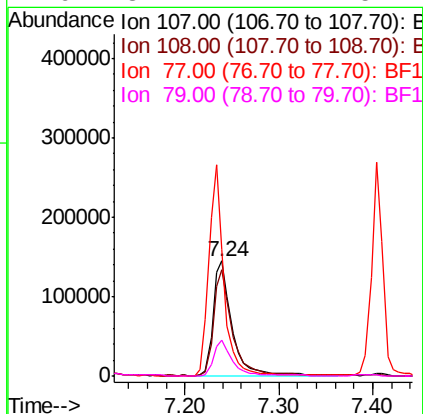
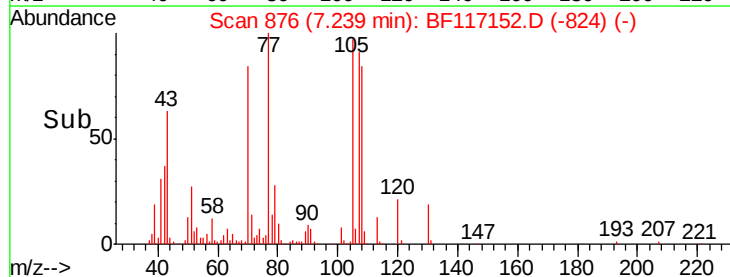
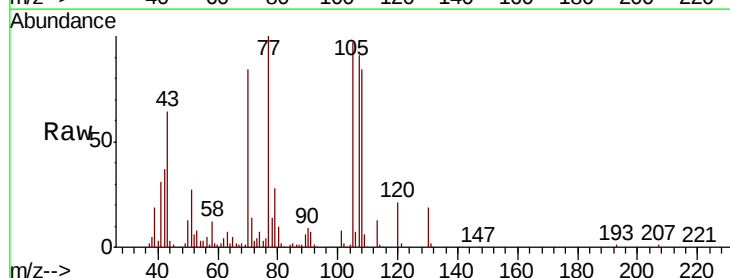
Instrument :
BNA_F
ClientSampleId :

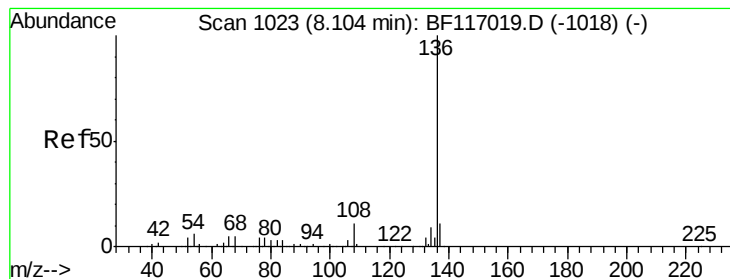
Tot Ion: 70 Resp: 144301
Ion Ratio Lower Upper
70 100
42 43.7 34.0 51.0
101 10.0 7.8 11.6
130 23.0 17.8 26.8



#20
3+4-Methylphenols
Concen: 44.324 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:107 Resp: 202442
Ion Ratio Lower Upper
107 100
108 92.7 72.6 112.6
77 110.5 132.1 172.1#
79 31.2 12.1 52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 247981

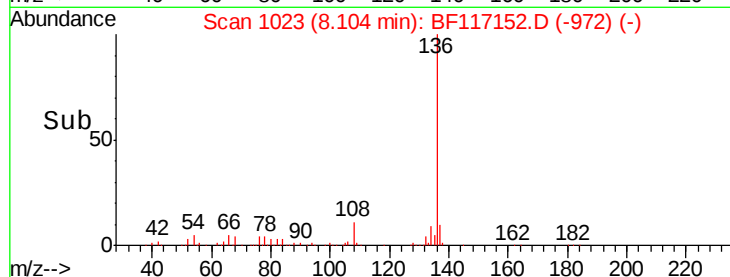
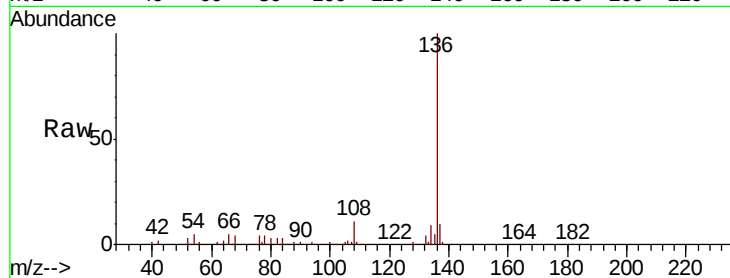
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 4.7 4.5 6.7

68 4.5 4.0 6.0

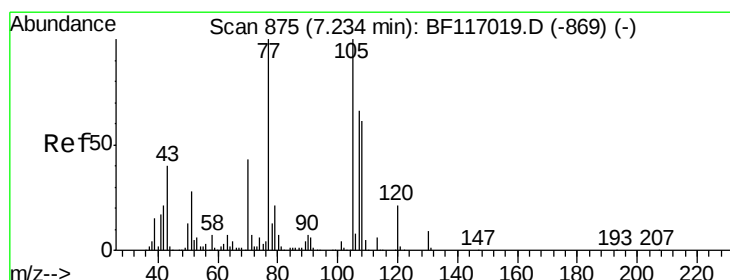
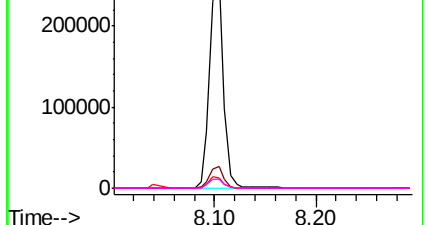


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.853 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Tgt Ion:105 Resp: 301496

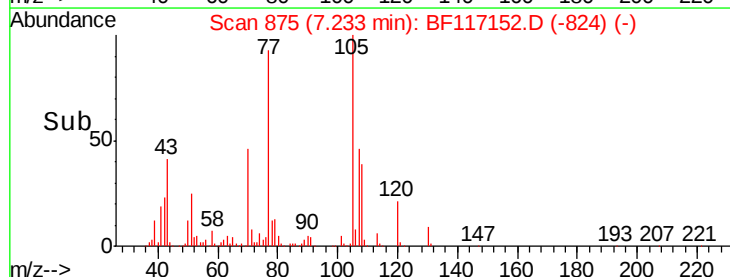
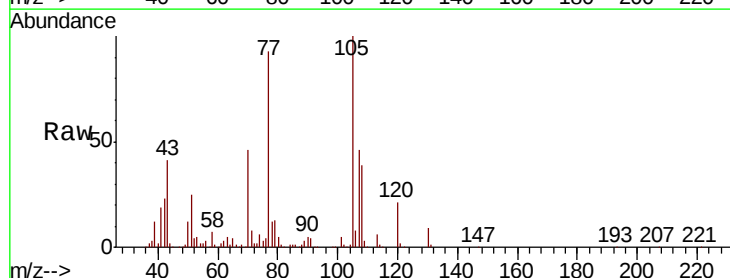
Ion Ratio Lower Upper

105 100

71 7.8 5.7 8.5

51 25.1 22.1 33.1

120 21.2 17.1 25.7

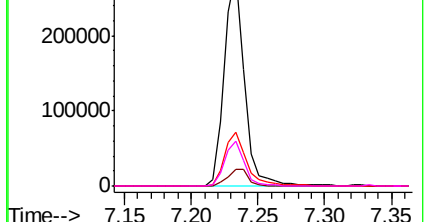


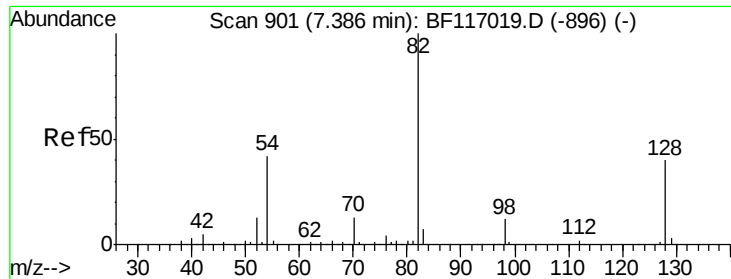
Abundance Ion 105.00 (104.70 to 105.70): E

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

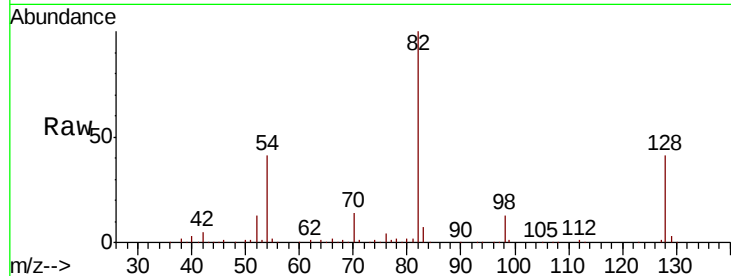




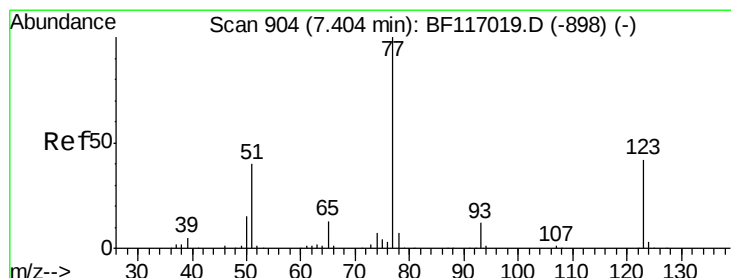
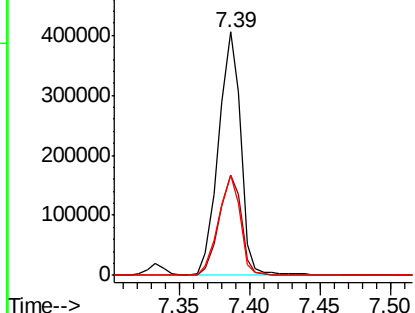
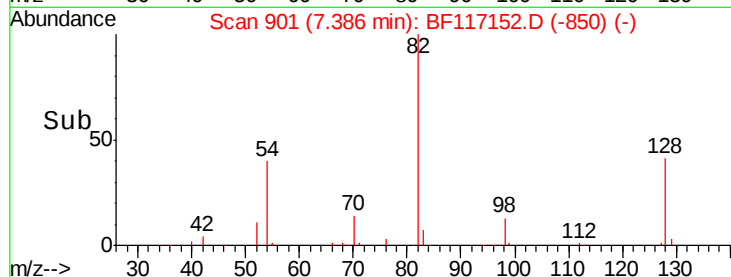
#23
 Nitrobenzene-d5
 Concen: 94.391 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	445489
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.3	48.5
54	41.2	33.3	49.9

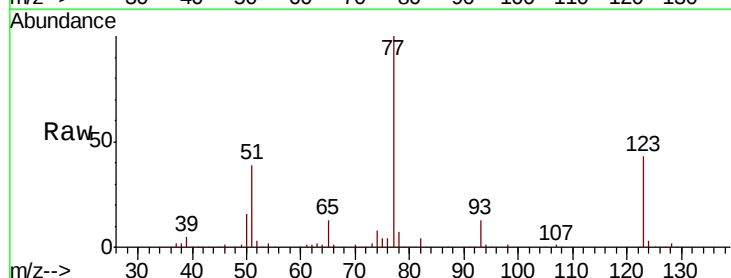


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

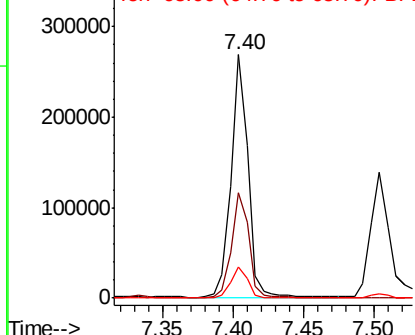
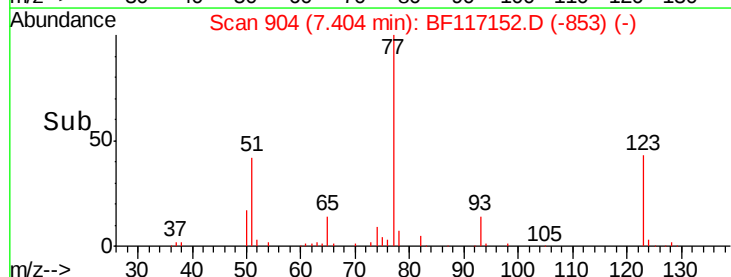


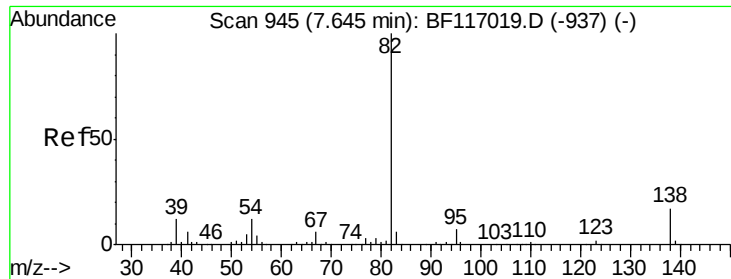
#24
 Nitrobenzene
 Concen: 48.242 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	77	Resp	224845
Ion Ratio	Lower	Upper	
77	100		
123	43.3	33.5	50.3
65	12.9	10.5	15.7



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

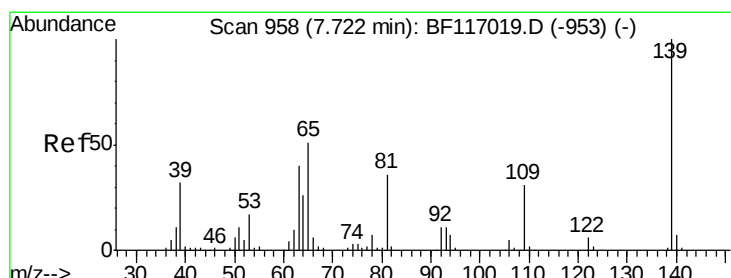
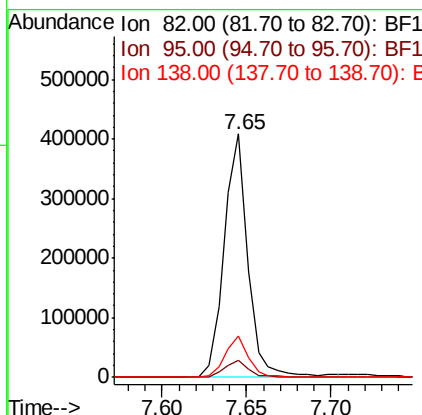
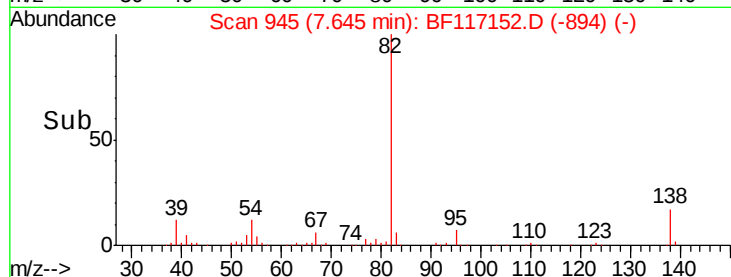
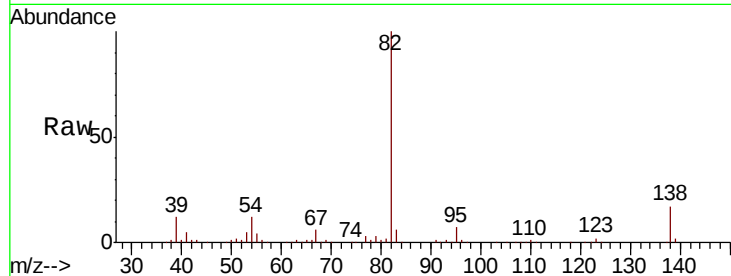




#25
Isophorone
Concen: 47.979 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

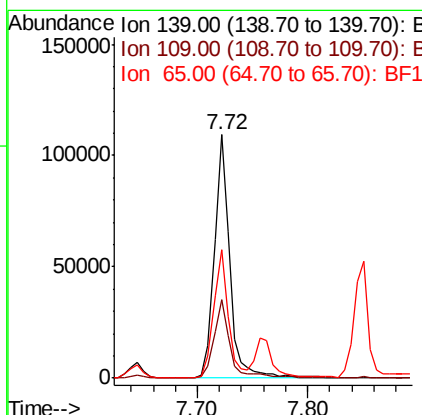
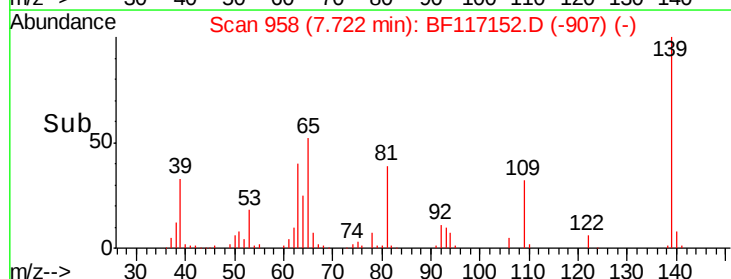
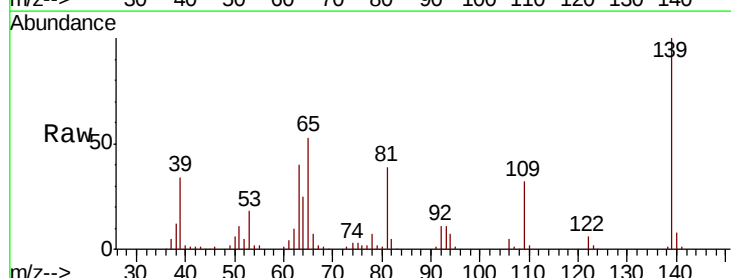
Instrument :
BNA_F
ClientSampleId :

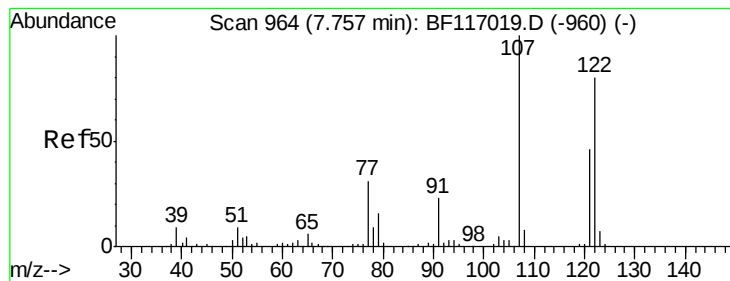
Tot Ion: 82 Resp: 400935
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.0 13.5 20.3



#26
2-Nitrophenol
Concen: 52.590 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion: 139 Resp: 105284
Ion Ratio Lower Upper
139 100
109 32.2 24.6 36.8
65 53.0 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 54.372 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

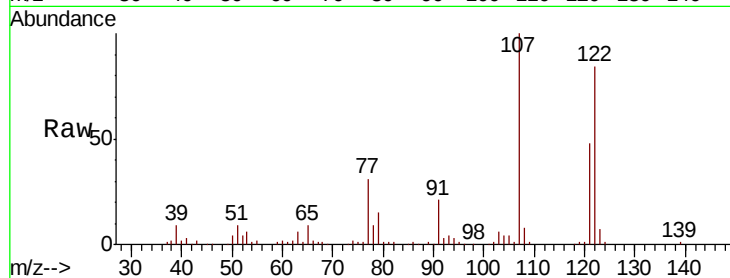
Tot Ion:122 Resp: 172617

Ion Ratio Lower Upper

122 100

107 119.6 98.9 148.3

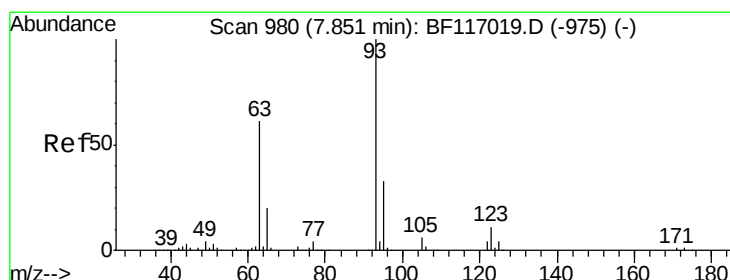
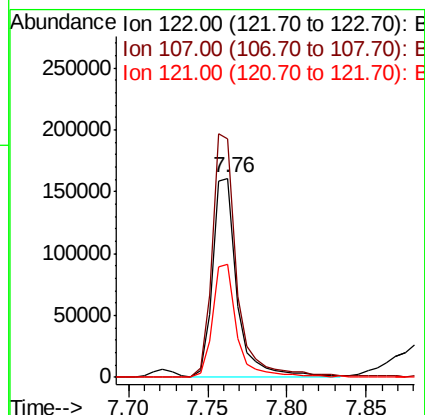
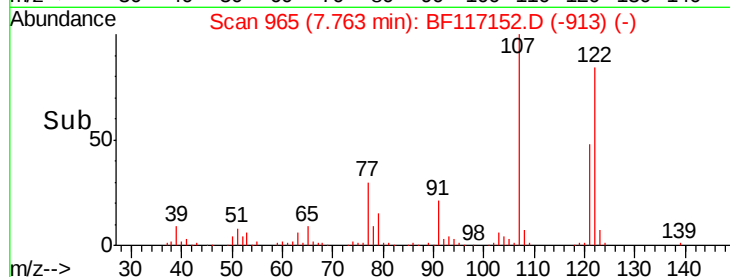
121 56.9 45.3 67.9



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: 46.431 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

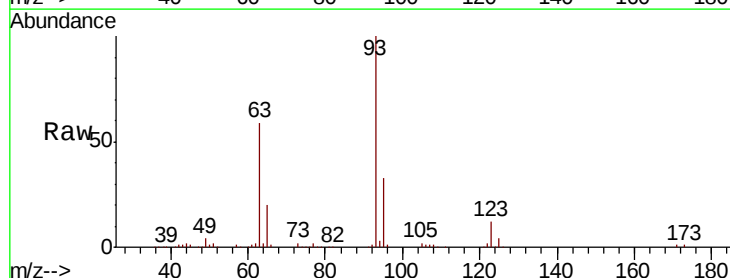
Tgt Ion: 93 Resp: 239051

Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

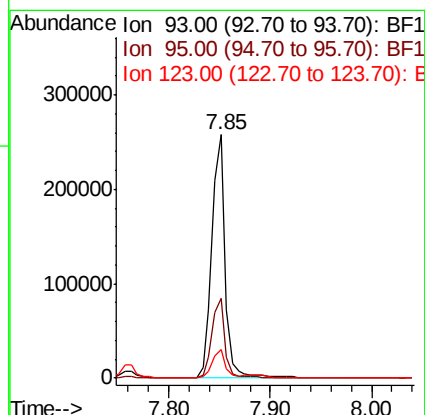
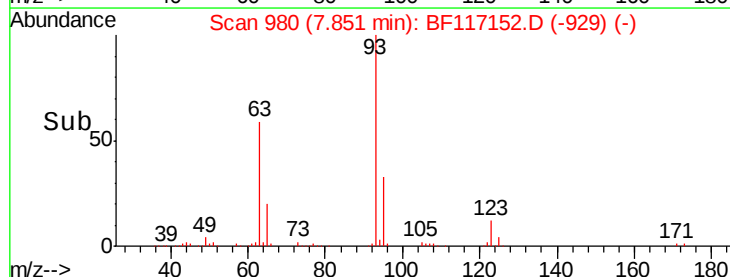
123 11.7 9.0 13.6

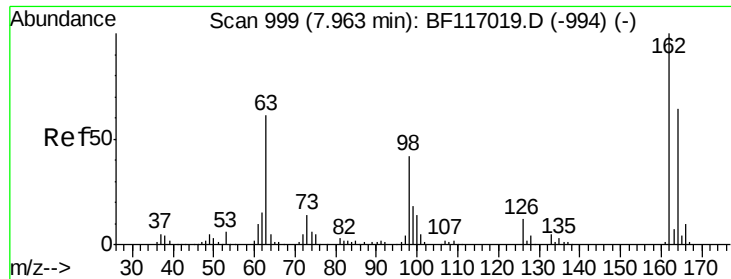


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

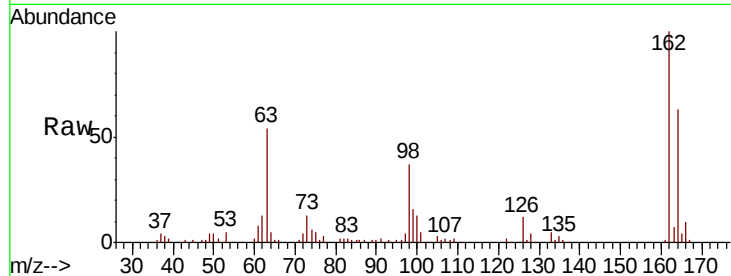




#29
 2,4-Dichlorophenol
 Concen: 49.059 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.8	83.8
98	36.9	22.1	62.1

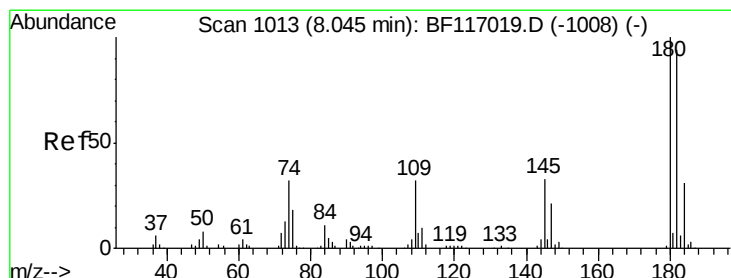
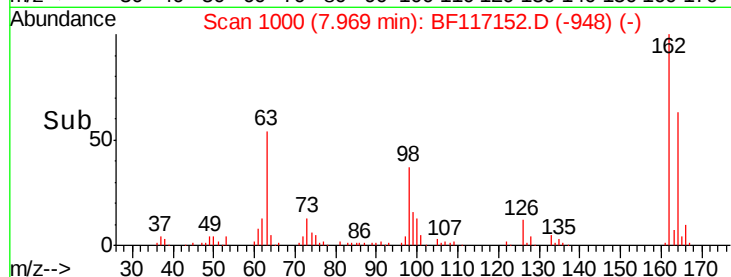
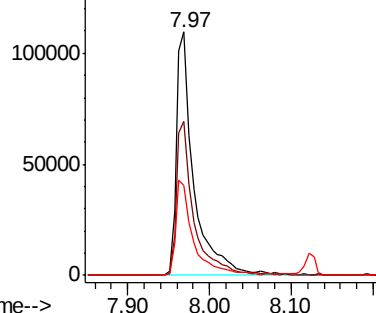


Abundance

Ion 162.00 (161.70 to 162.70): E

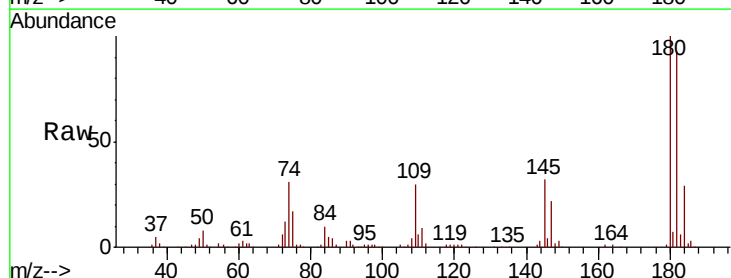
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.326 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.4	113.0
145	32.1	26.7	40.1

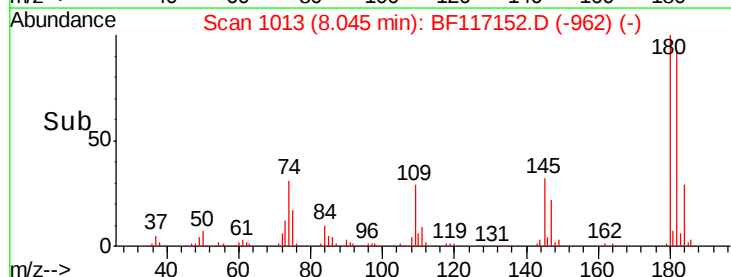
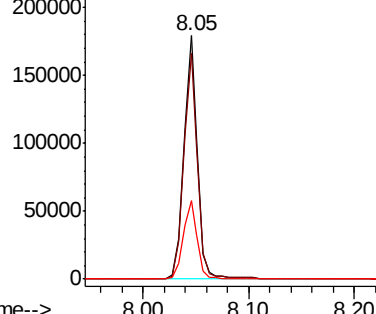


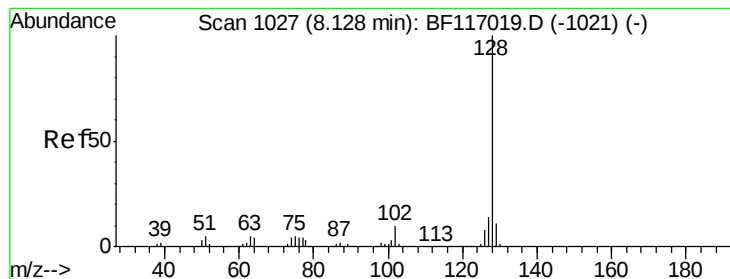
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.916 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

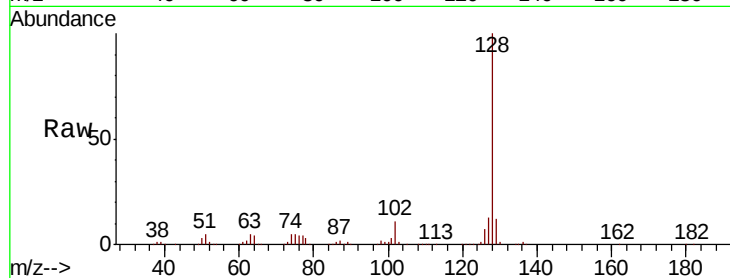
Tot Ion:128 Resp: 583389

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

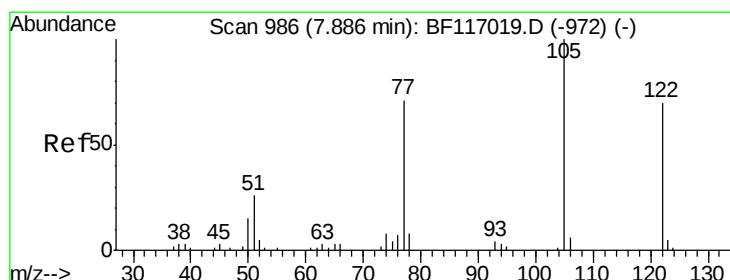
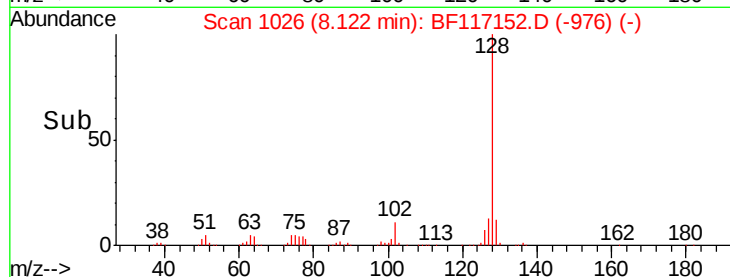
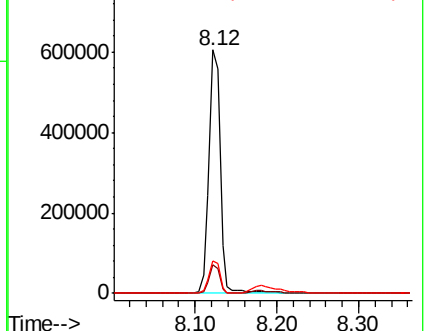
127 13.4 10.8 16.2



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: 29.222 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

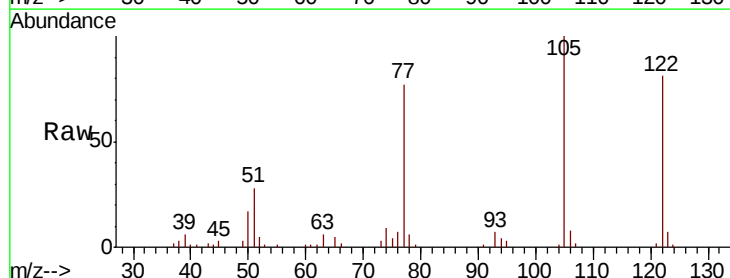
Tgt Ion:122 Resp: 62883

Ion Ratio Lower Upper

122 100

105 123.8 114.8 154.8

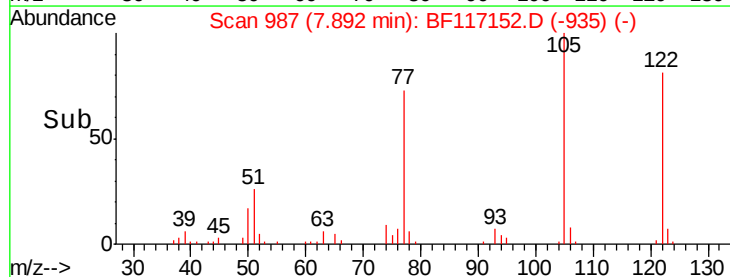
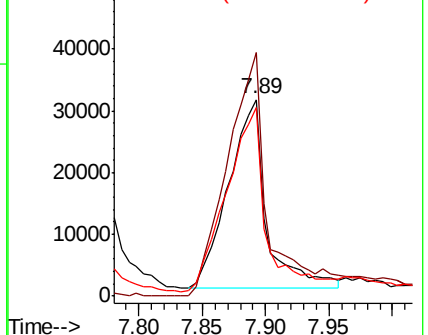
77 95.6 78.7 118.7

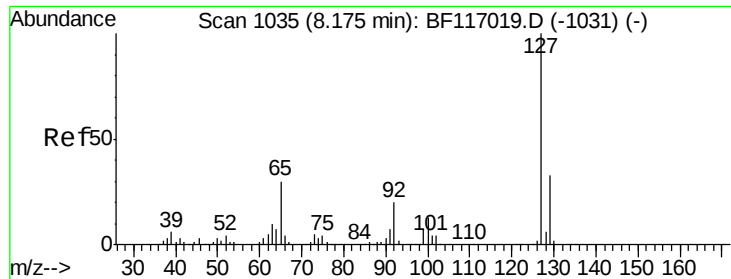


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

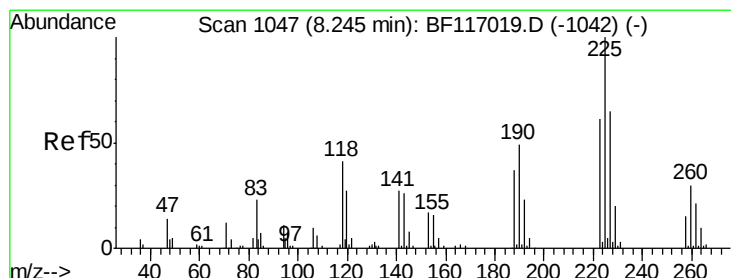
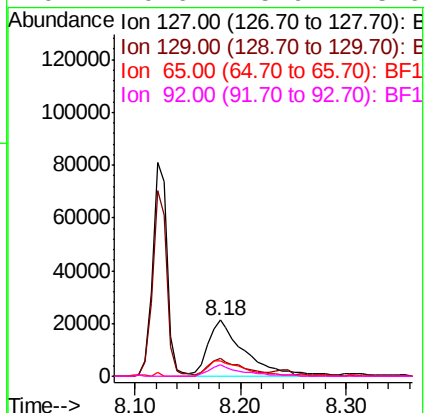
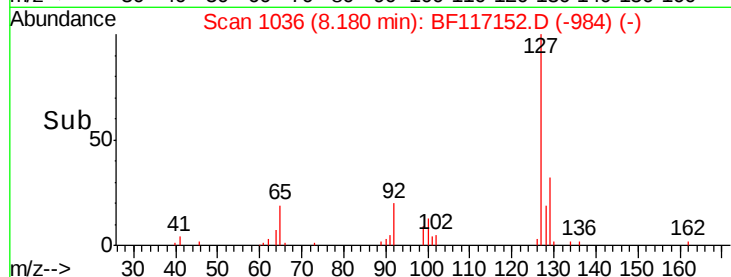
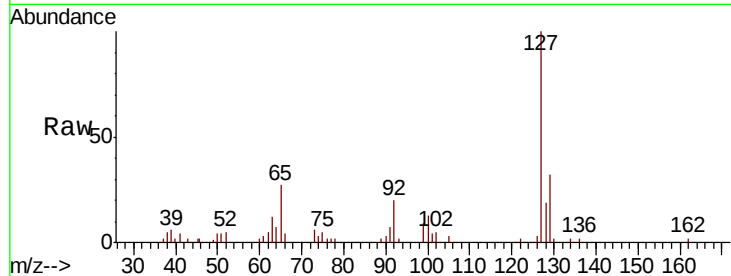




#33
4-Chloroaniline
Concen: 9.805 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

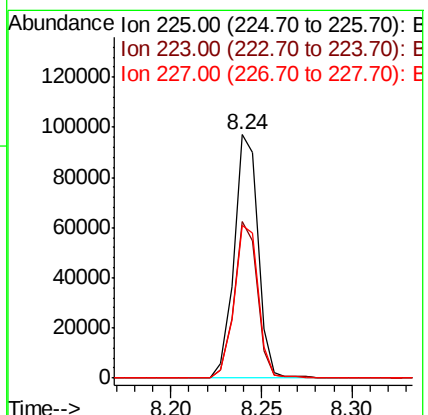
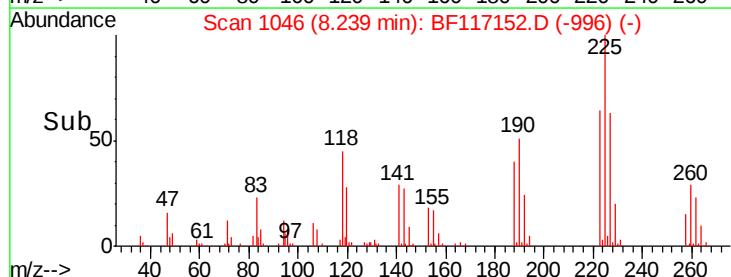
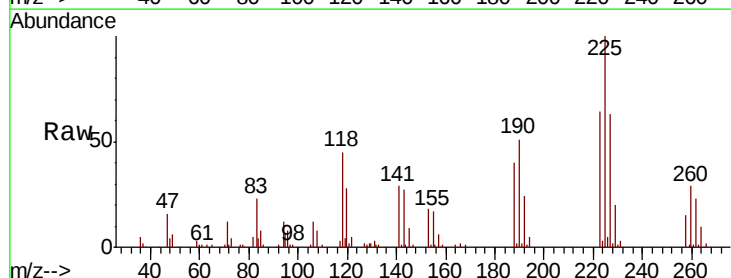
Instrument :
BNA_F
ClientSampleId :

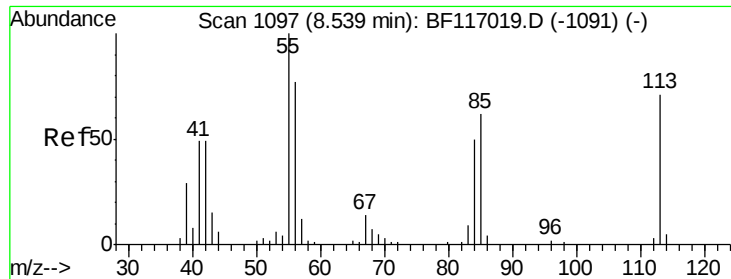
Tot Ion:	127	Resp:	51864
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	27.1	23.5	35.3
92	19.6	15.9	23.9



#34
Hexachlorobutadiene
Concen: 43.846 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:	225	Resp:	89401
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.1	73.7
227	62.8	52.2	78.2

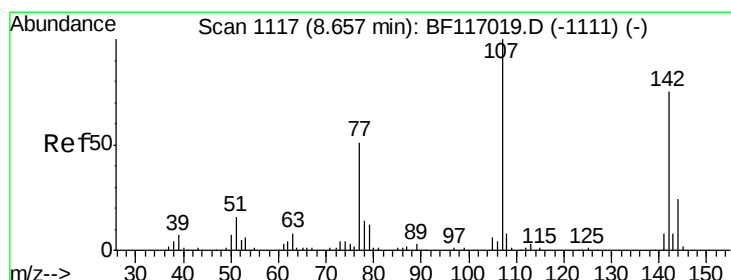
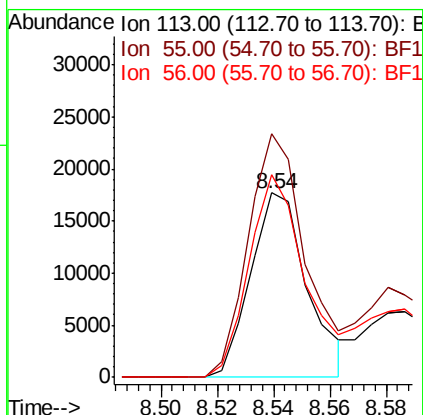
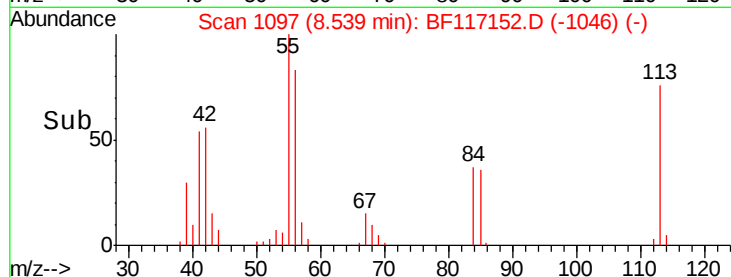
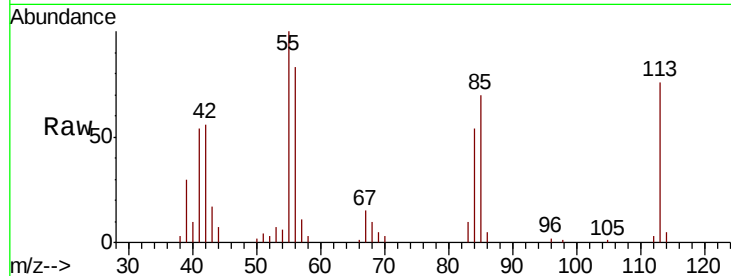




#35
 Caprolactam
 Concen: 21.833 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

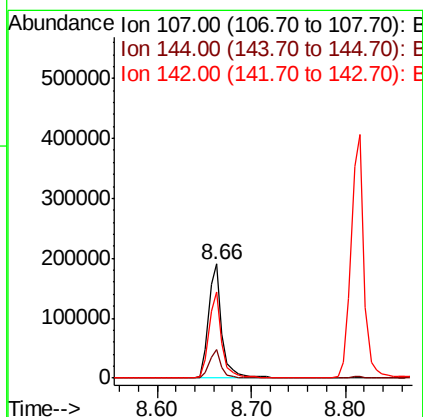
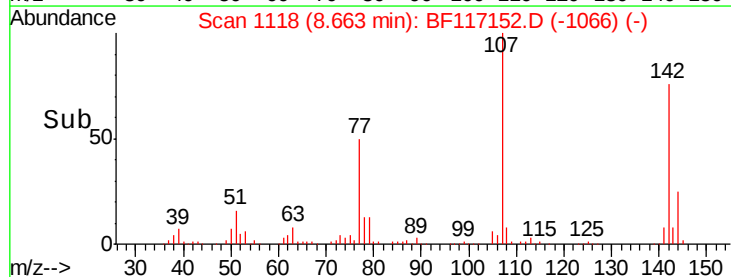
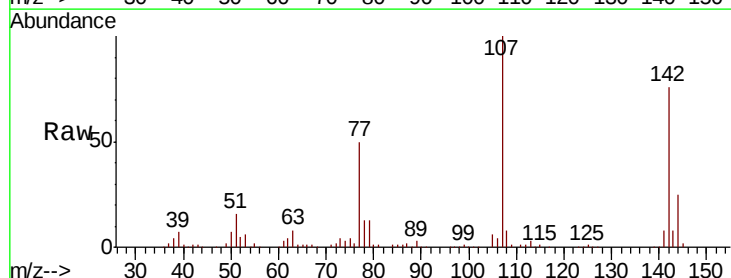
Instrument :
 BNA_F
 ClientSampleId :

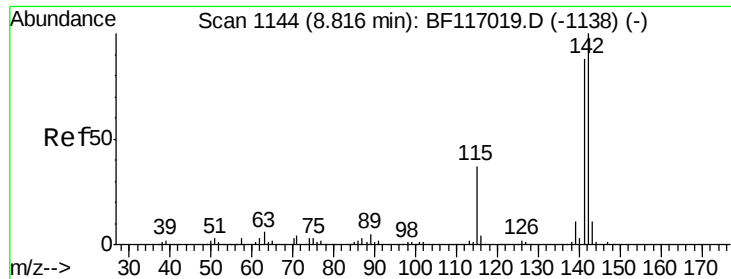
Tot Ion:113 Resp: 24583
 Ion Ratio Lower Upper
 113 100
 55 131.9 120.6 160.6
 56 109.8 88.8 128.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.107 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion:107 Resp: 190478
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.2 28.8
 142 75.5 59.6 89.4

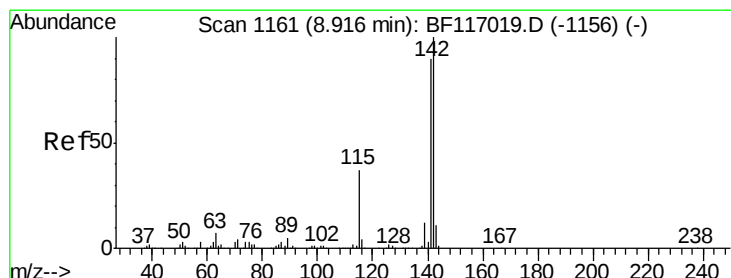
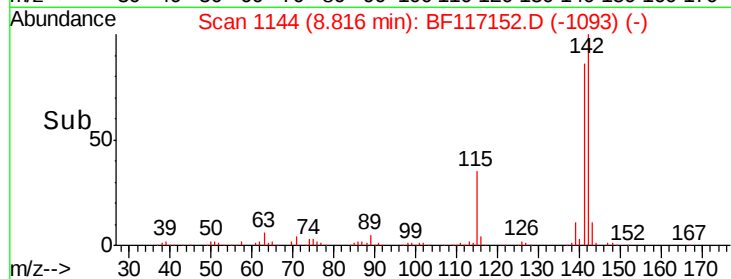
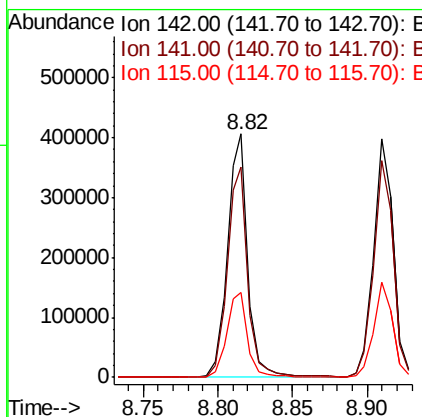
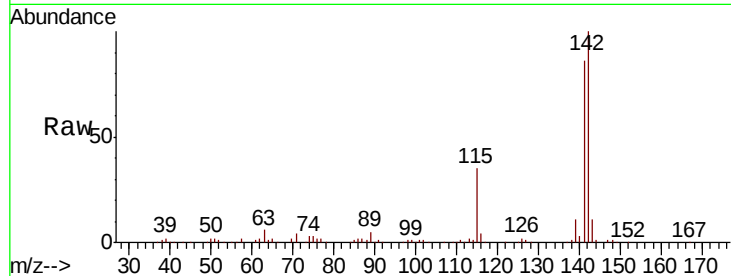




#37
 2-Methylnaphthalene
 Concen: 48.332 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

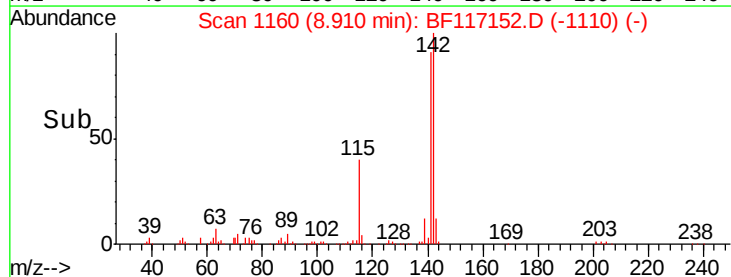
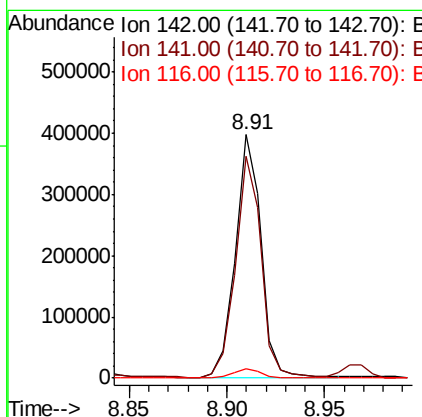
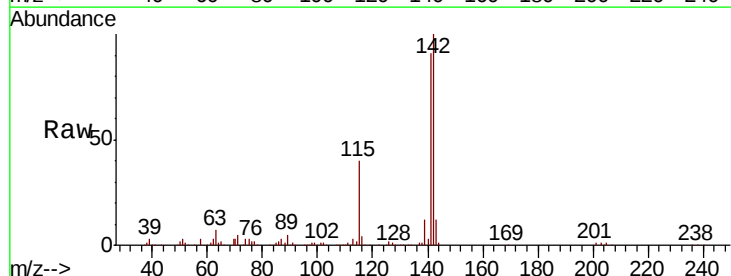
Instrument :
 BNA_F
 ClientSampleId :

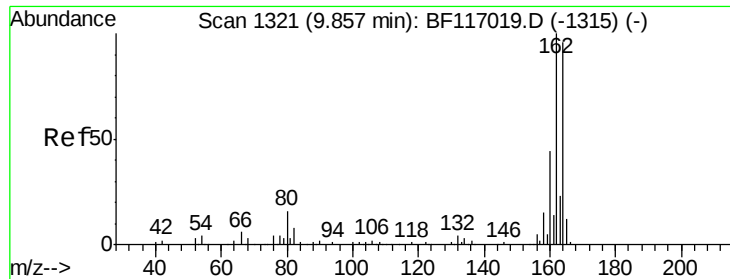
Tot Ion:142 Resp: 388163
 Ion Ratio Lower Upper
 142 100
 141 86.2 70.7 106.1
 115 34.8 29.4 44.0



#38
 1-Methylnaphthalene
 Concen: 47.553 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion:142 Resp: 357685
 Ion Ratio Lower Upper
 142 100
 141 91.0 71.9 107.9
 116 3.9 3.2 4.8

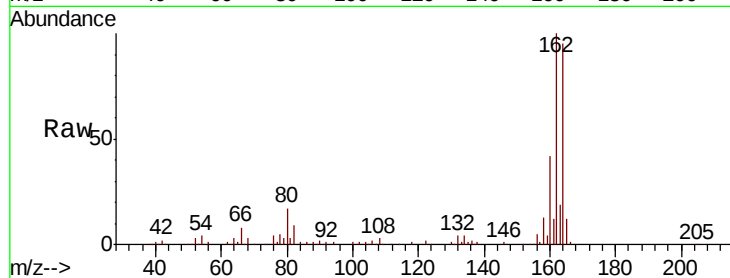




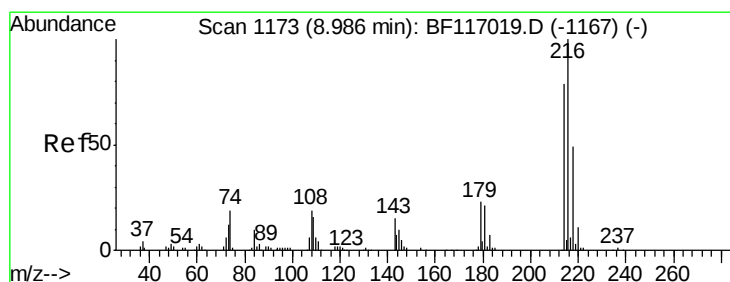
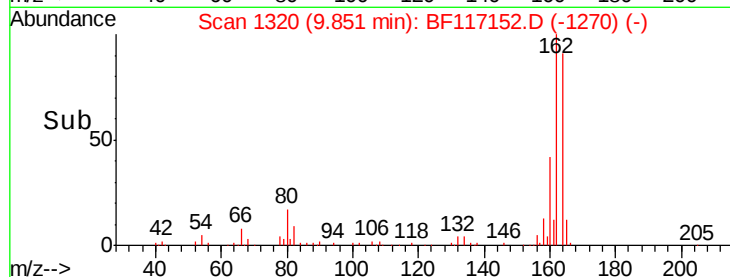
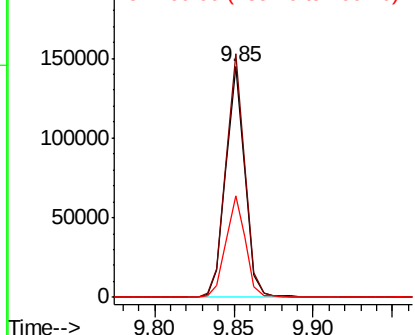
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 121043
Ion Ratio Lower Upper
164 100
162 105.6 83.4 125.2
160 44.3 36.4 54.6



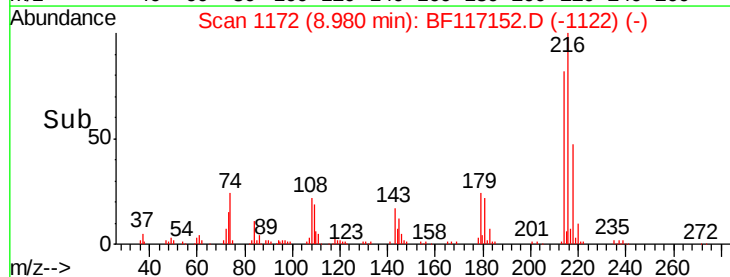
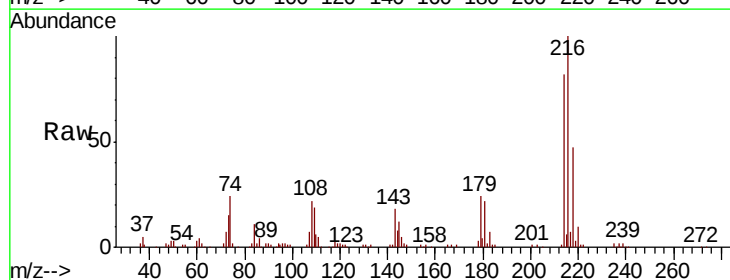
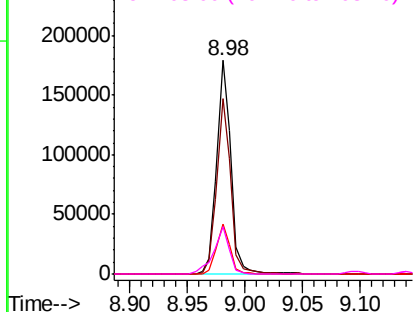
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

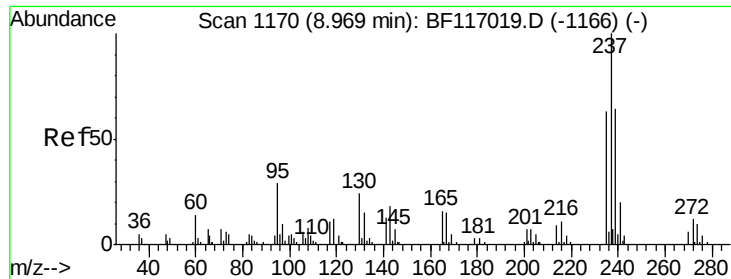


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.036 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:216 Resp: 153270
Ion Ratio Lower Upper
216 100
214 80.4 63.6 95.4
179 22.9 18.3 27.5
108 24.2 17.8 26.6

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.752 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

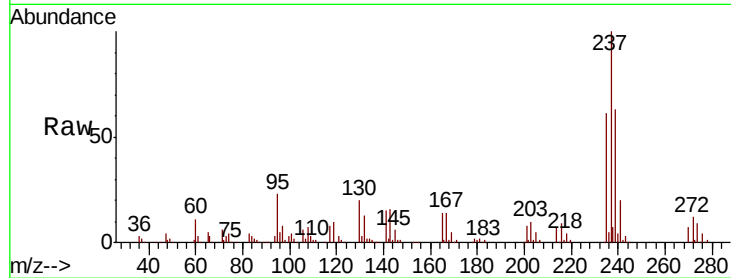
Tot Ion:237 Resp: 123936

Ion Ratio Lower Upper

237 100

235 61.3 43.2 83.2

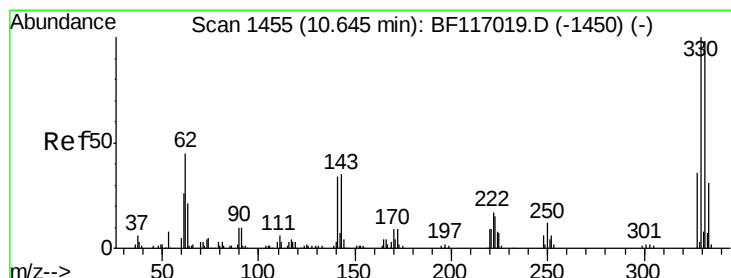
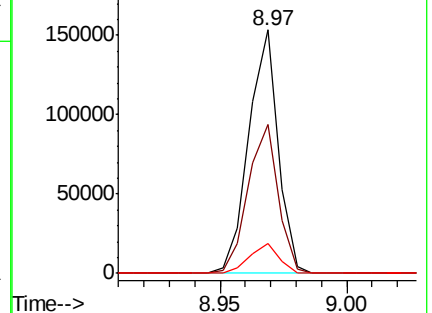
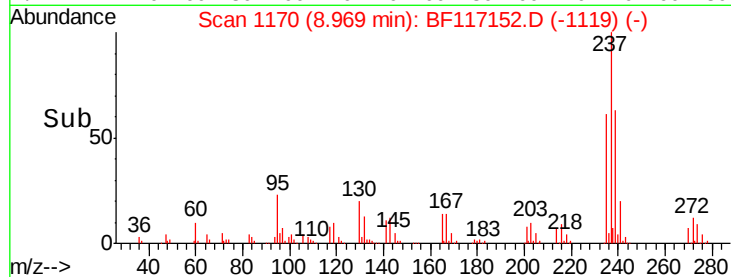
272 12.5 0.0 31.9



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: 145.543 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

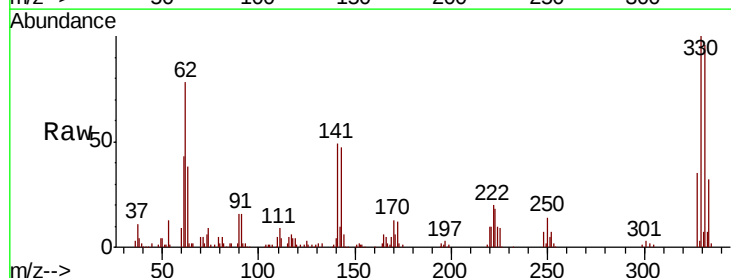
Tgt Ion:330 Resp: 147237

Ion Ratio Lower Upper

330 100

332 97.6 78.0 117.0

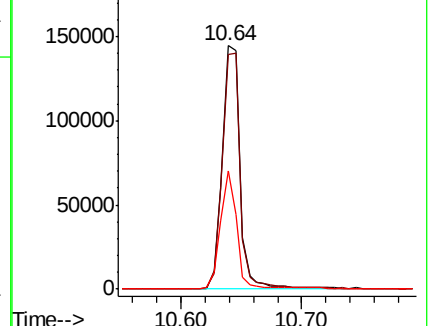
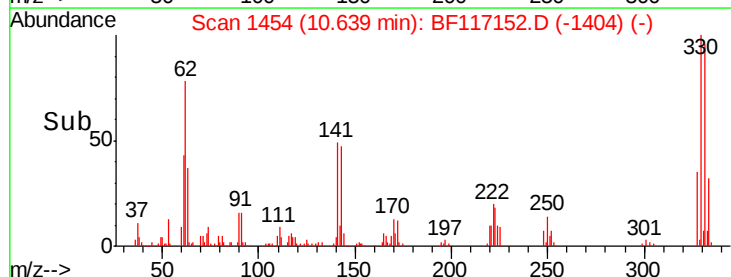
141 43.4 35.8 53.6



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

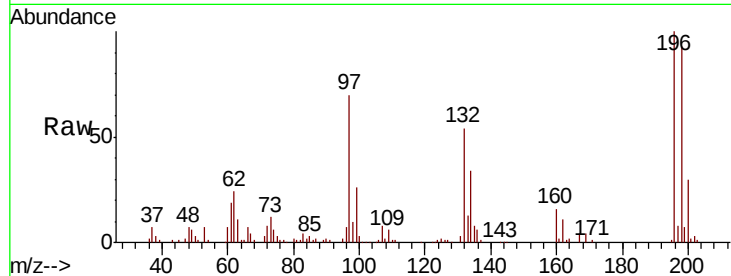




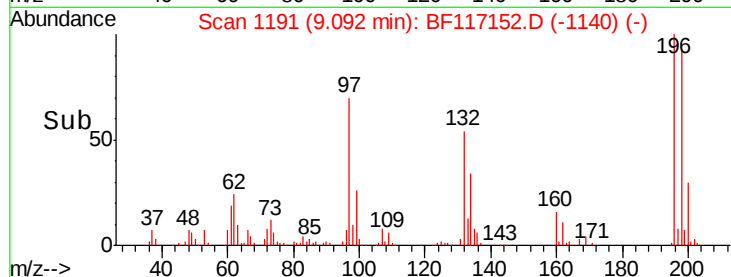
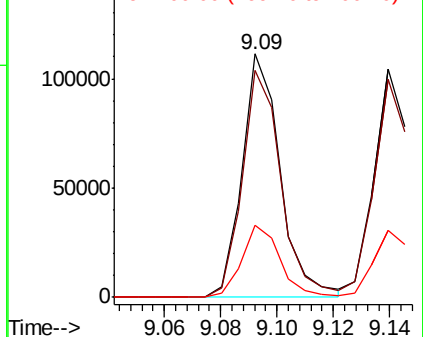
#43
 2,4,6-Trichlorophenol
 Concen: 49.375 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 104733
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.7 113.5
 200 29.5 23.3 34.9



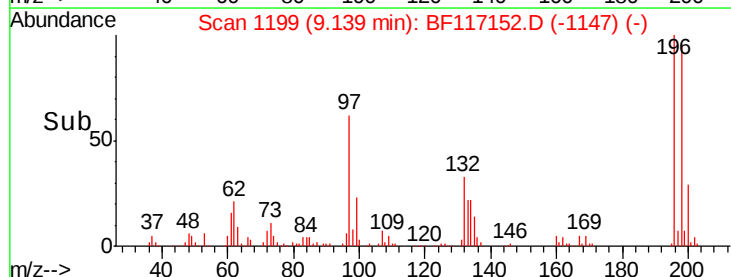
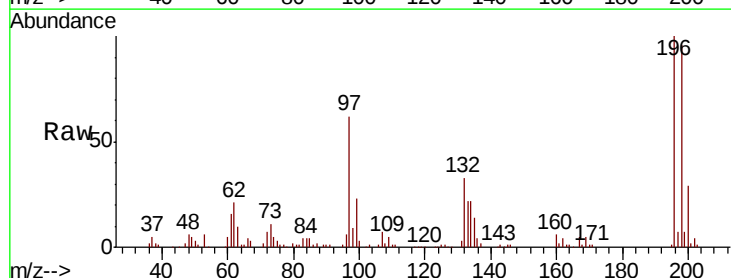
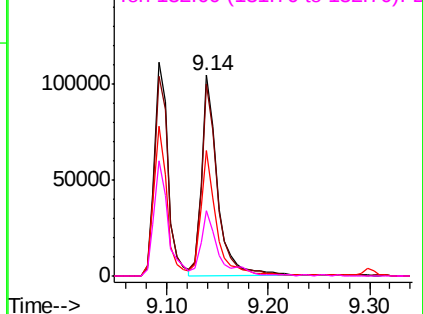
Abundance Ion 196.00 (195.70 to 196.70): E
 150000 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

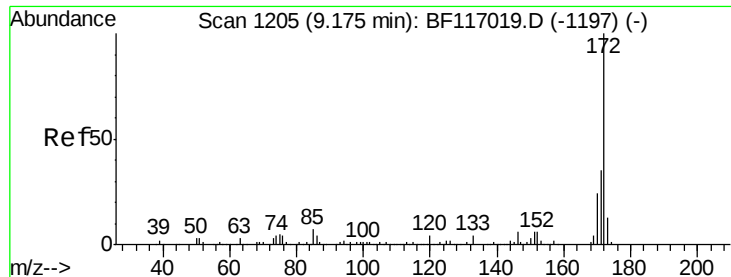


#44
 2,4,5-Trichlorophenol
 Concen: 50.397 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion:196 Resp: 114213
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.6 112.0
 97 62.3 49.5 74.3
 132 32.6 27.4 41.2

Abundance Ion 196.00 (195.70 to 196.70): E
 150000 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

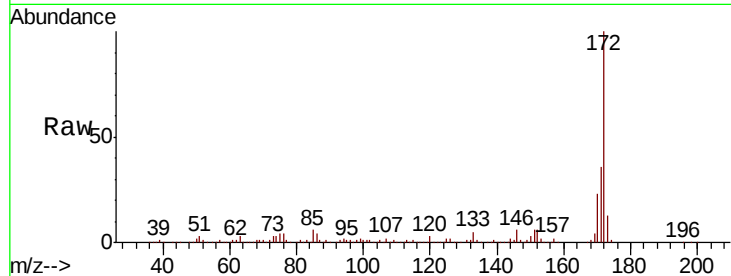




#45
2-Fluorobiphenyl
Concen: 95.175 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.5	18.9	28.3

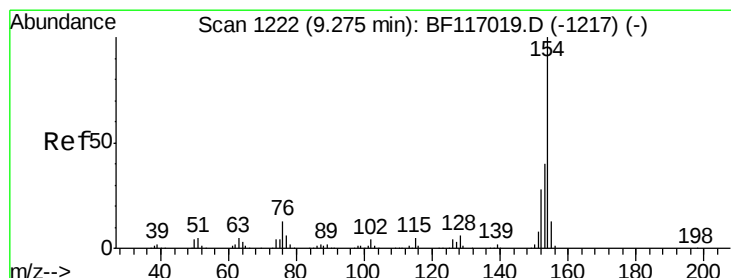
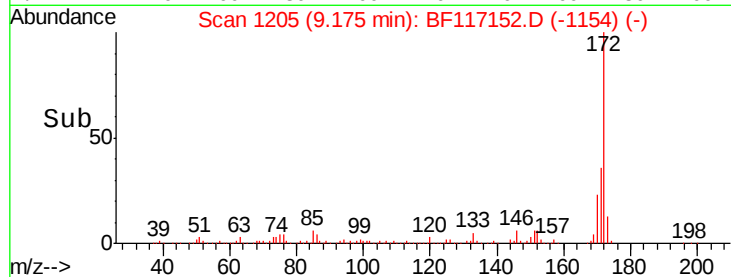
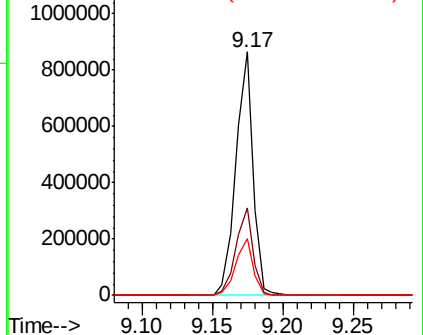


Abundance

Ion 172.00 (171.70 to 172.70): E

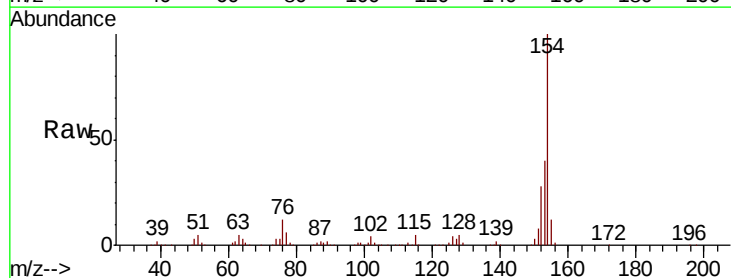
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 48.567 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	11.8	0.0	32.7

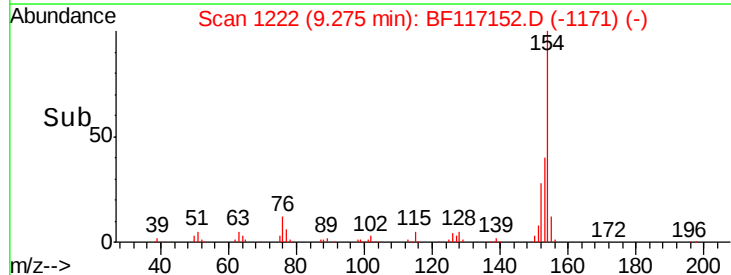
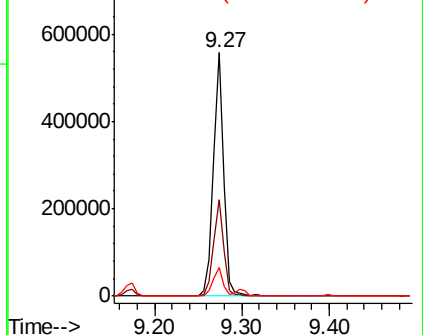


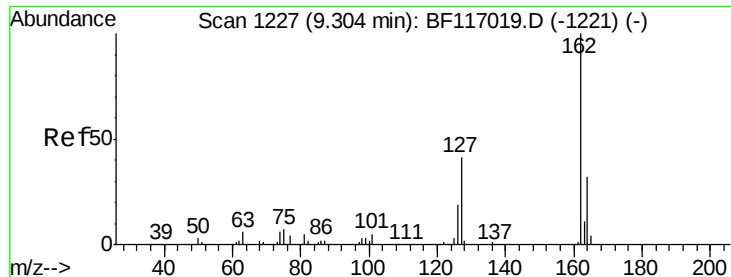
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

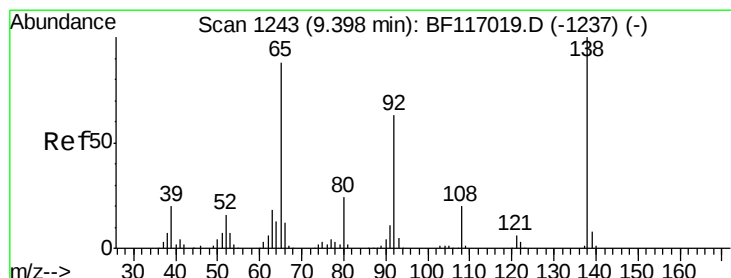
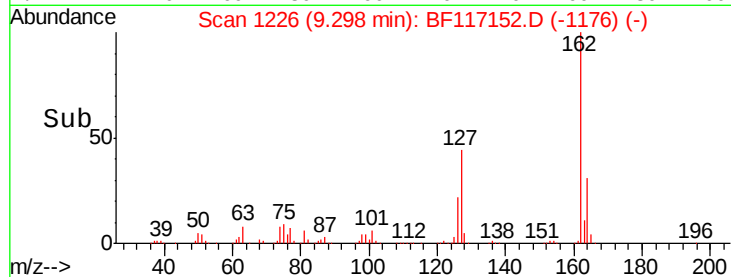
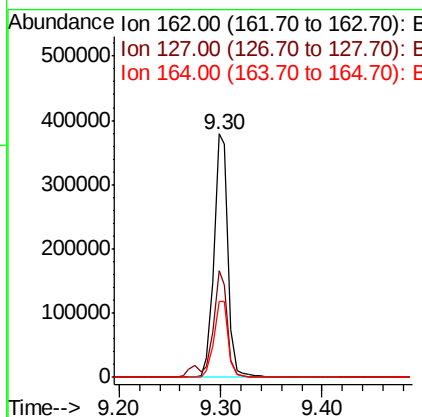
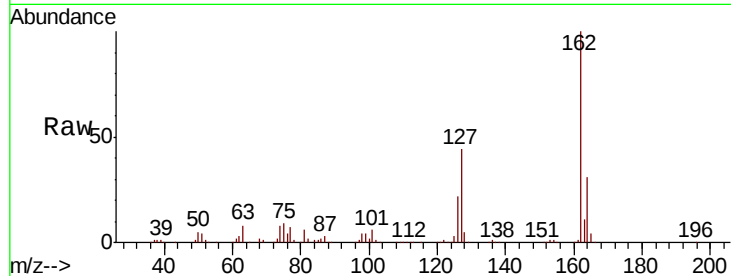




#47
 2-Chloronaphthalene
 Concen: 48.681 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

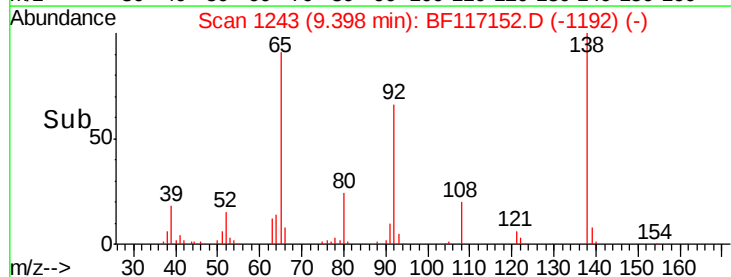
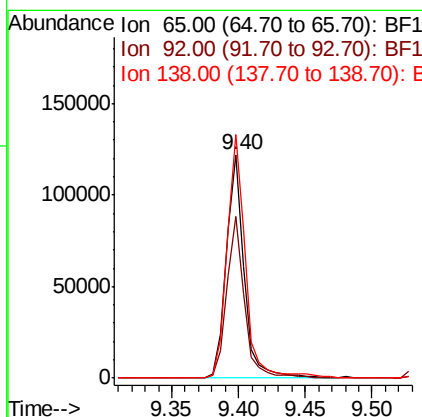
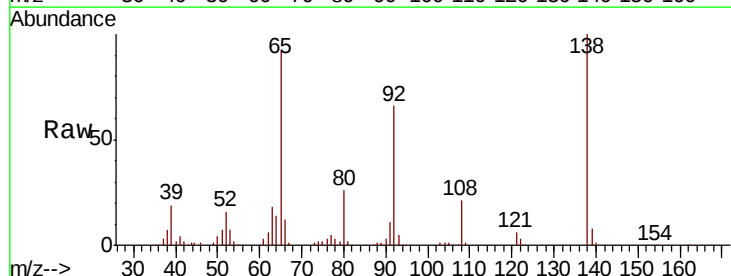
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.7	34.1	51.1
164	31.3	25.9	38.9



#48
 2-Nitroaniline
 Concen: 48.445 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	57.5	86.3
138	109.1	90.6	136.0





#49

Acenaphthylene

Concen: 51.200 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

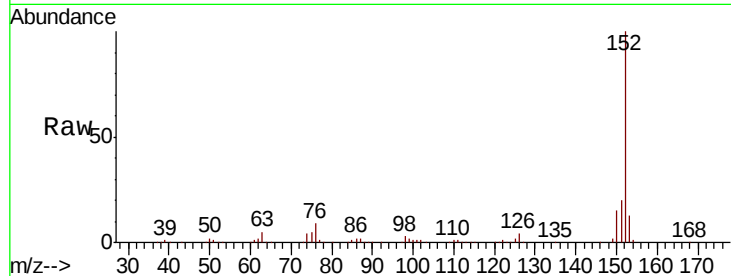
Tot Ion:152 Resp: 574734

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

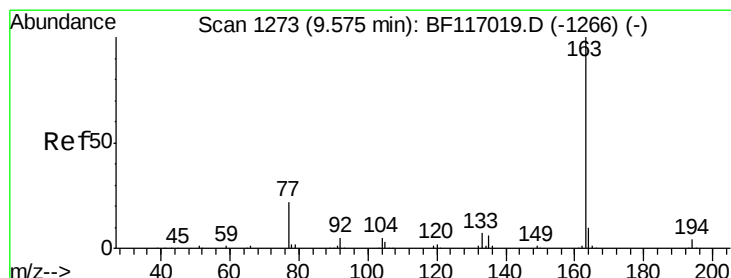
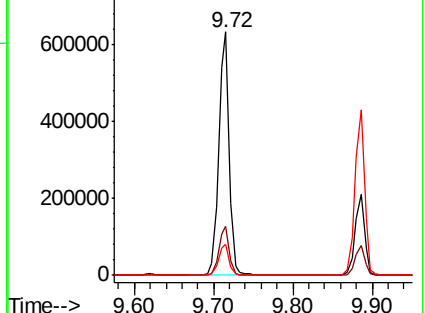
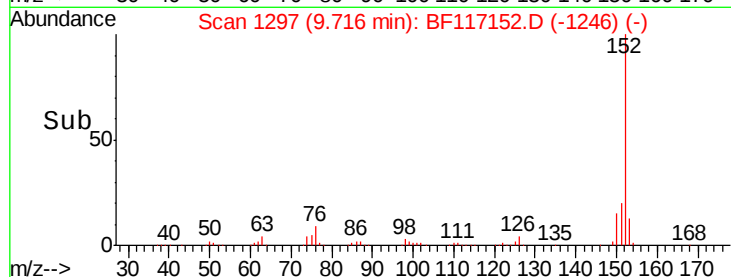
153 12.9 10.2 15.4



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: 53.171 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

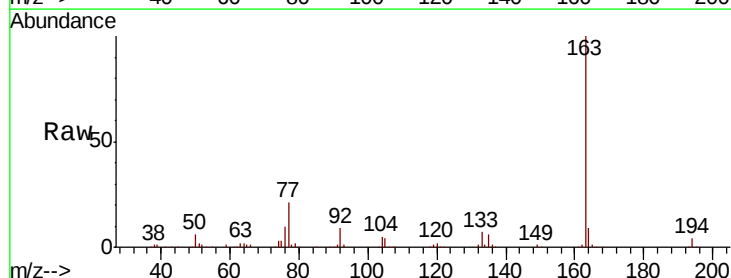
Tgt Ion:163 Resp: 455703

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

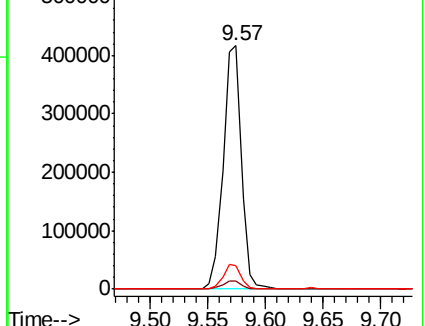
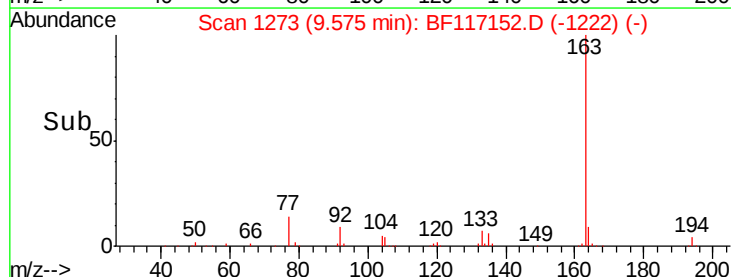
164 9.4 8.2 12.4

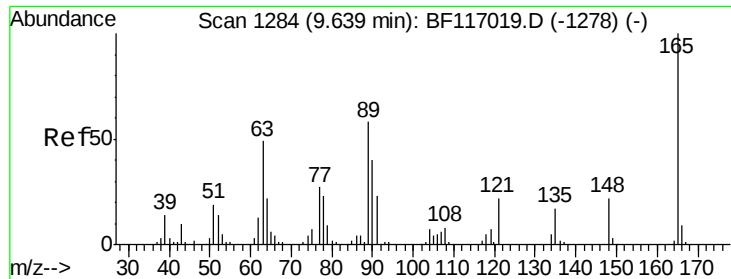


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

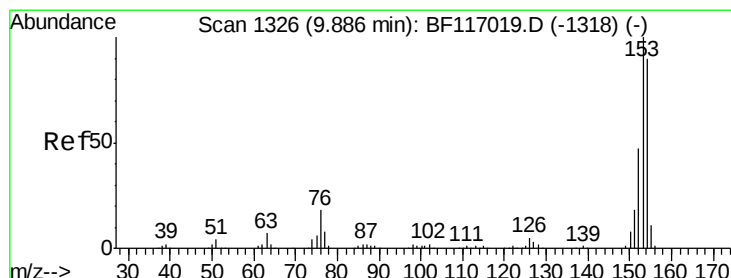
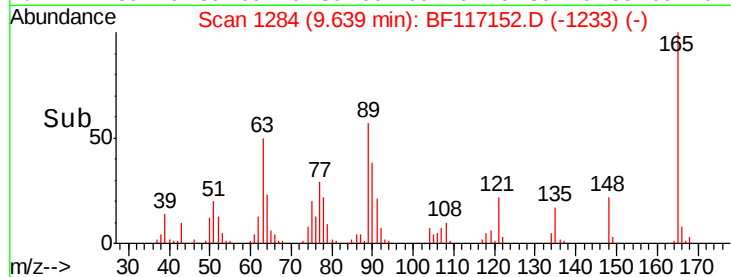
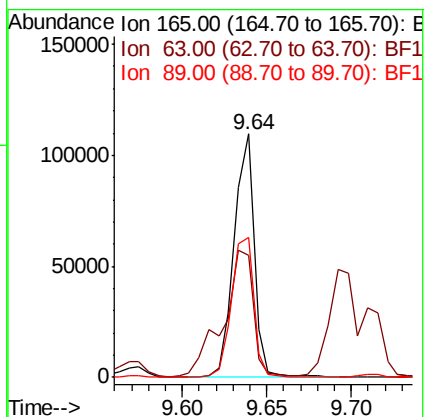
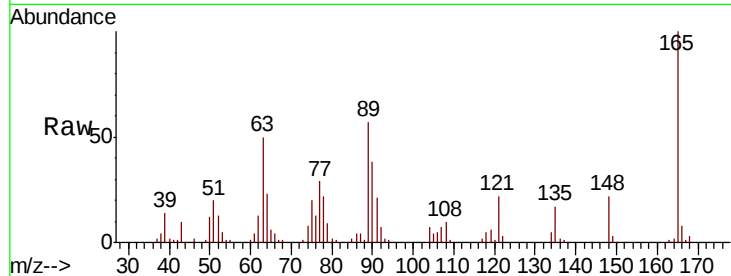




#51
 2,6-Dinitrotoluene
 Concen: 52.073 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

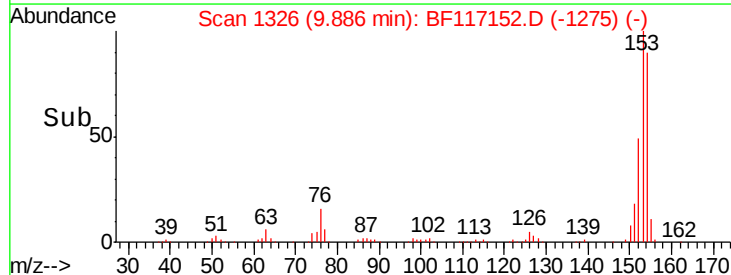
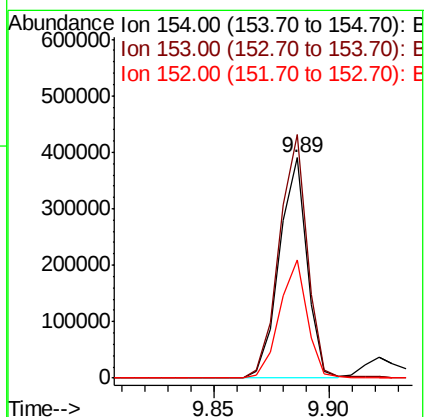
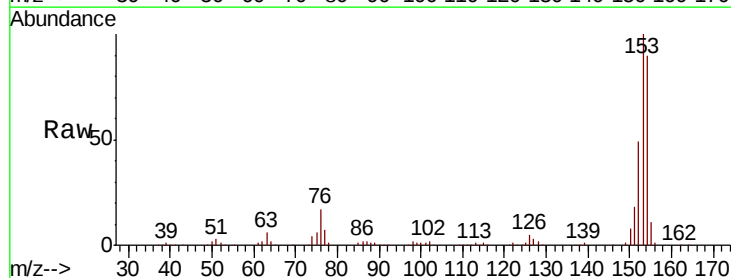
Instrument :
 BNA_F
 ClientSampled :

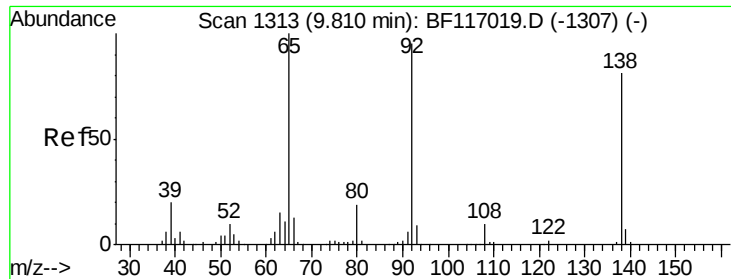
Tot Ion:165 Resp: 90894
 Ion Ratio Lower Upper
 165 100
 63 50.2 41.8 62.8
 89 57.4 46.5 69.7



#52
 Acenaphthene
 Concen: 48.640 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion:154 Resp: 323658
 Ion Ratio Lower Upper
 154 100
 153 110.6 89.0 133.6
 152 53.9 41.9 62.9

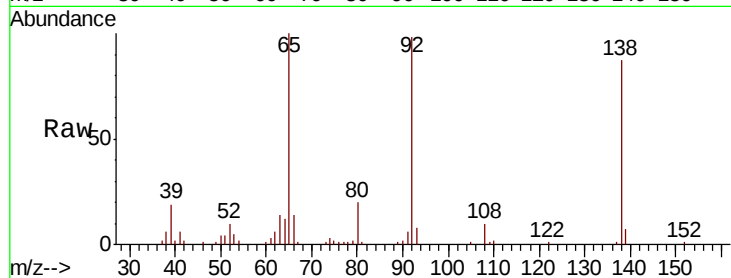




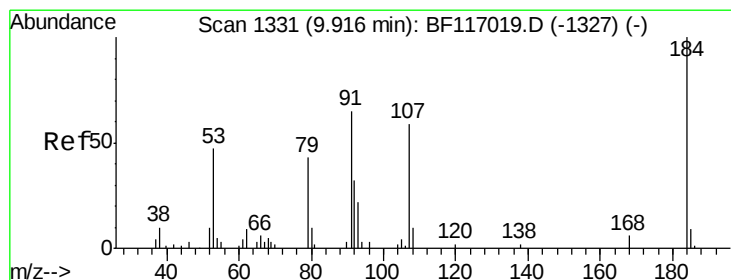
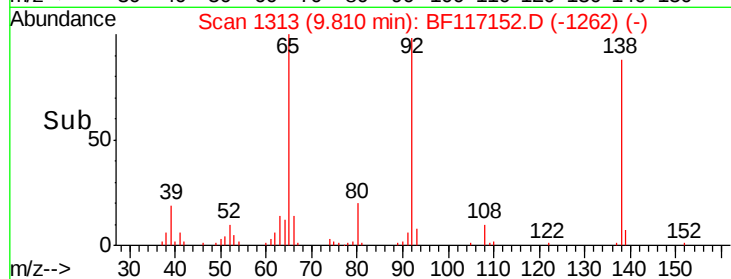
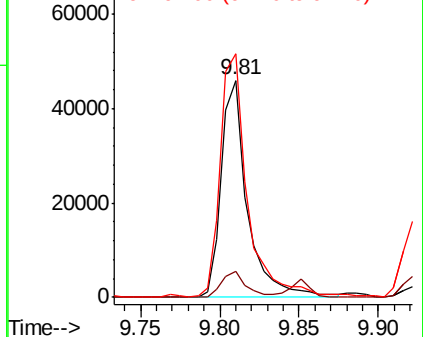
#53
3-Nitroaniline
Concen: 23.923 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 52685
Ion Ratio Lower Upper
138 100
108 11.9 9.5 14.3
92 112.2 94.1 141.1

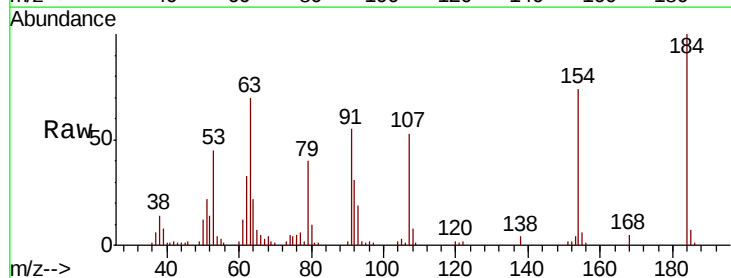


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

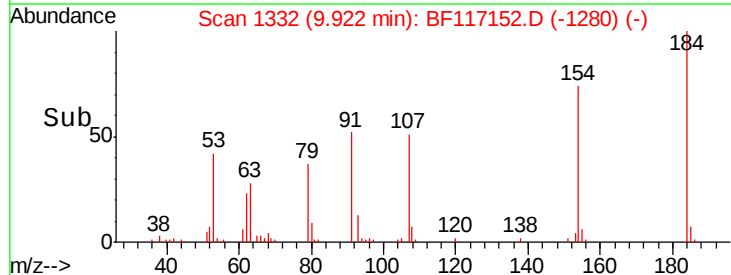
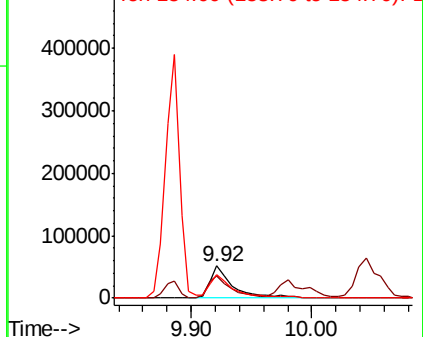


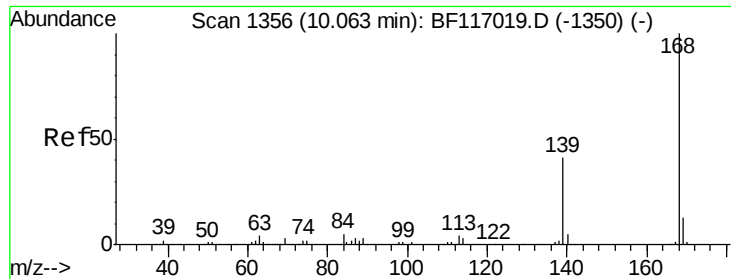
#54
2,4-Dinitrophenol
Concen: 88.320 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:184 Resp: 67379
Ion Ratio Lower Upper
184 100
63 69.6 63.8 95.6
154 73.7 60.4 90.6



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

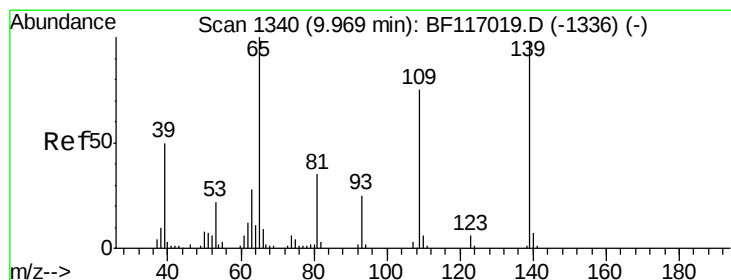
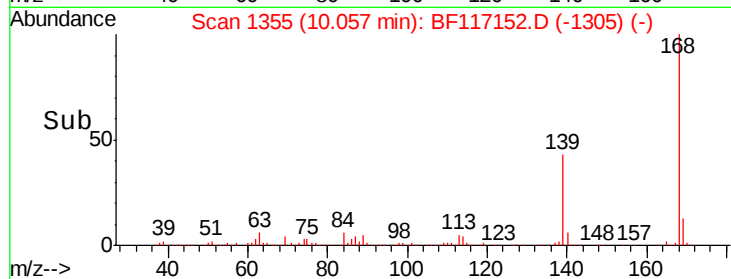
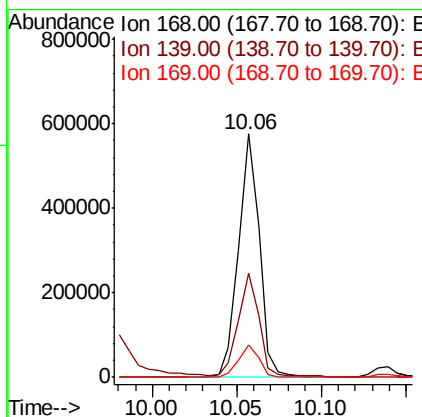
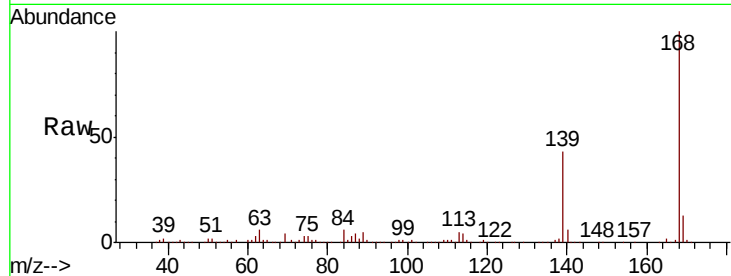




#55
Dibenzenofuran
Concen: 50.407 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

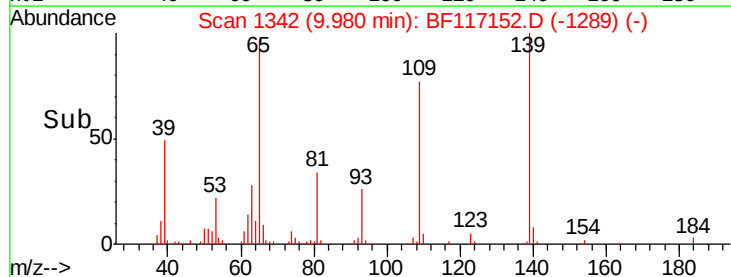
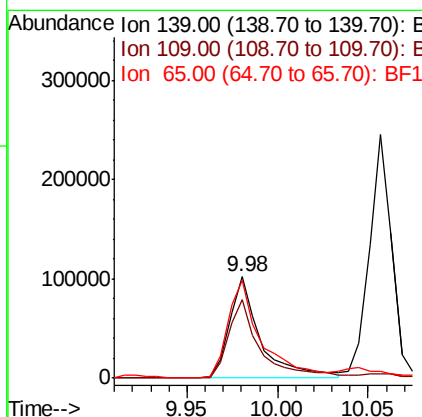
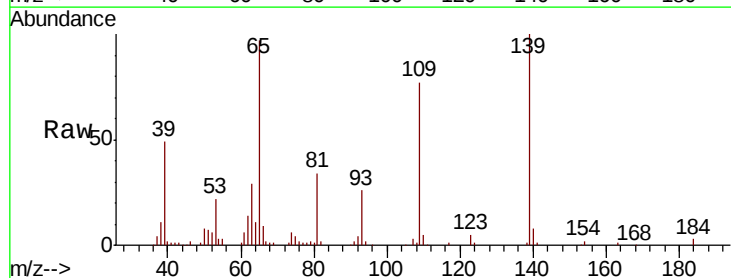
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	32.8	49.2
169	13.3	10.5	15.7



#56
4-Nitrophenol
Concen: 85.915 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.4	56.4	96.4
65	97.1	82.5	122.5





#57

2,4-Dinitrotoluene

Concen: 55.628 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 126042

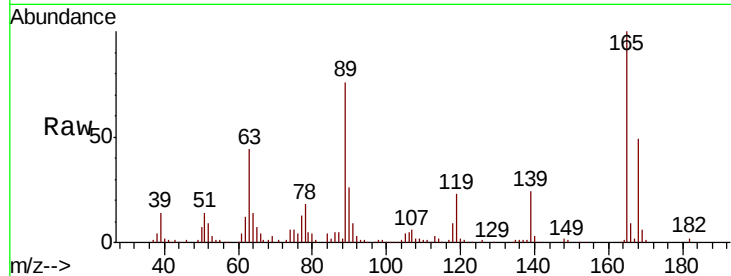
Ion Ratio Lower Upper

165 100

63 44.2 35.0 52.4

89 76.4 66.1 99.1

182 2.2 2.0 3.0

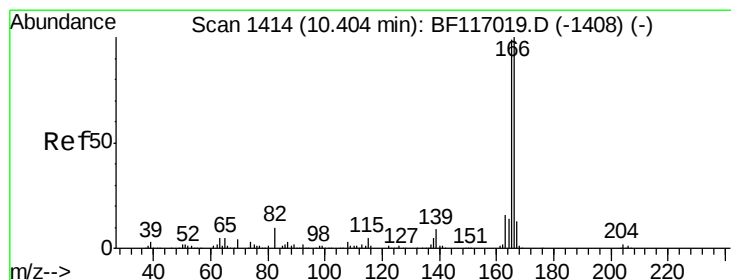
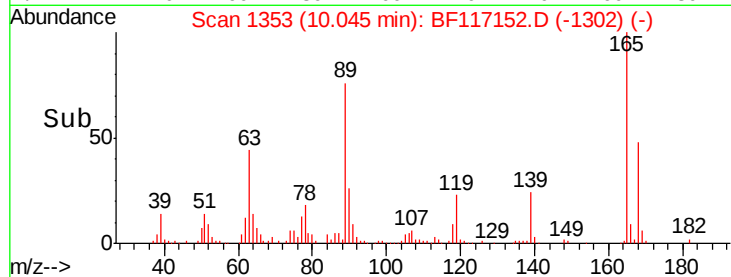
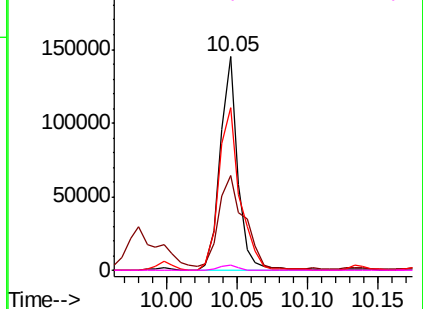


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 50.766 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

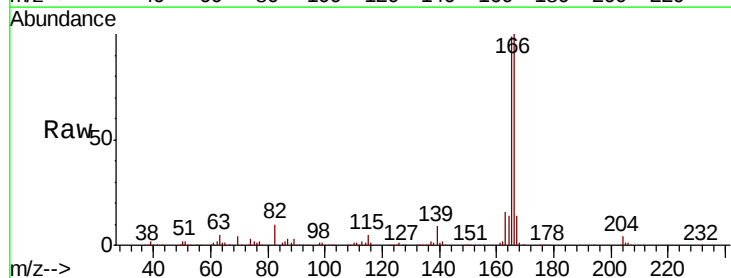
Tgt Ion:166 Resp: 401488

Ion Ratio Lower Upper

166 100

165 98.9 78.9 118.3

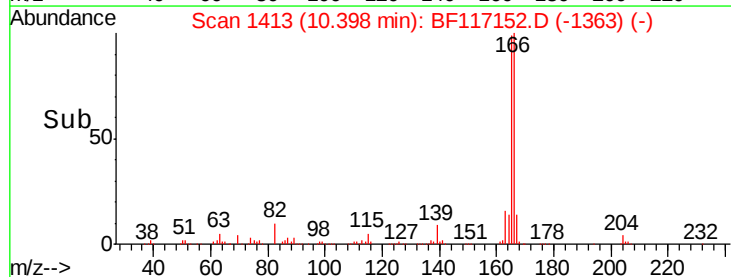
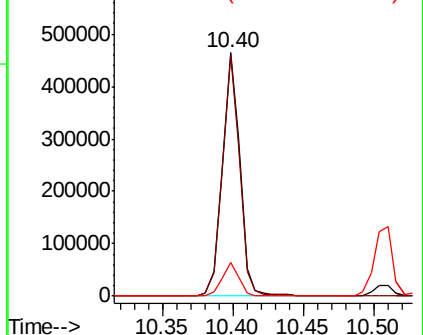
167 13.7 10.6 15.8

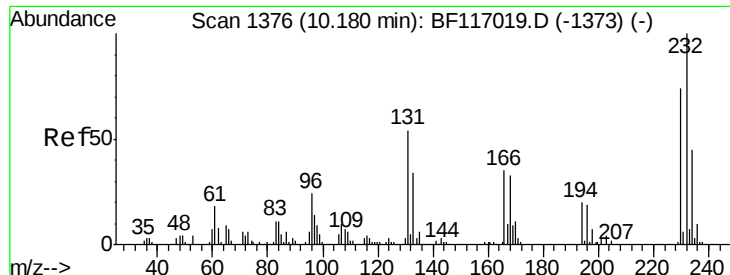


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

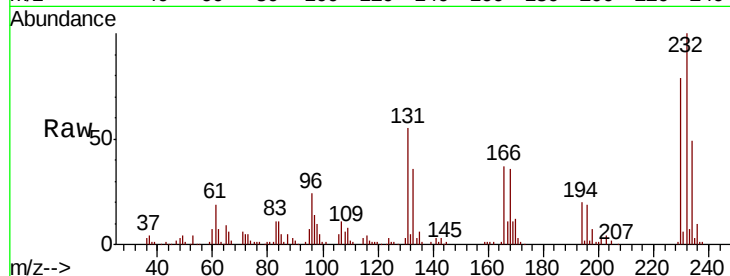




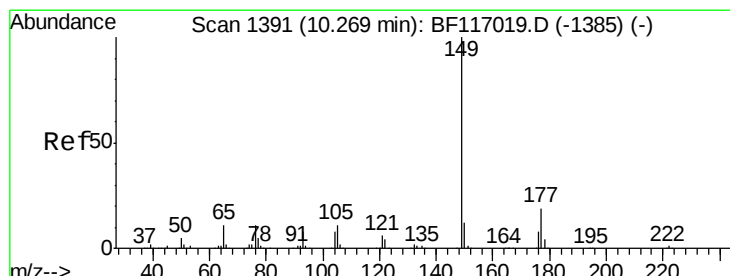
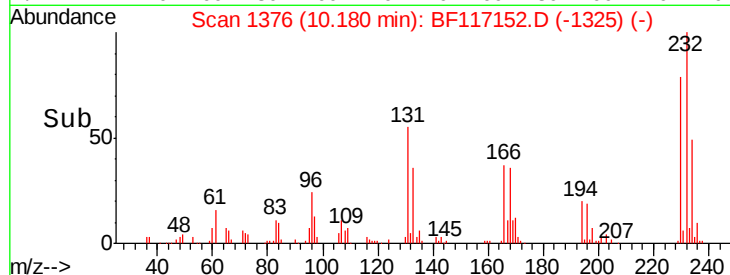
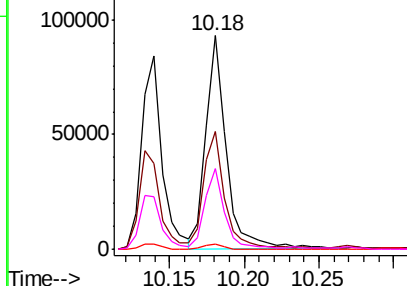
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.170 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.2	45.3	67.9
130	2.5	1.8	2.8
166	36.7	29.4	44.2

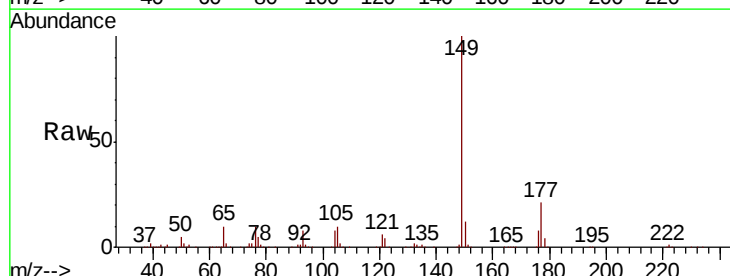


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

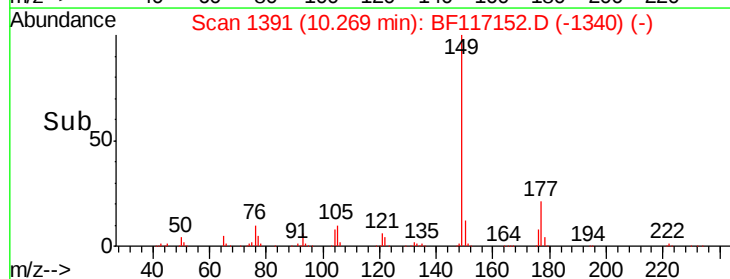
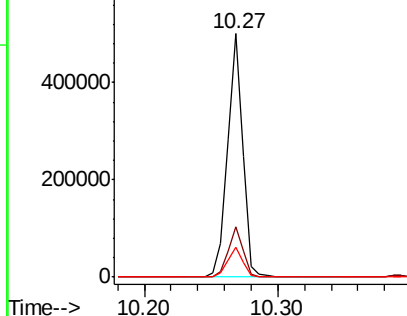


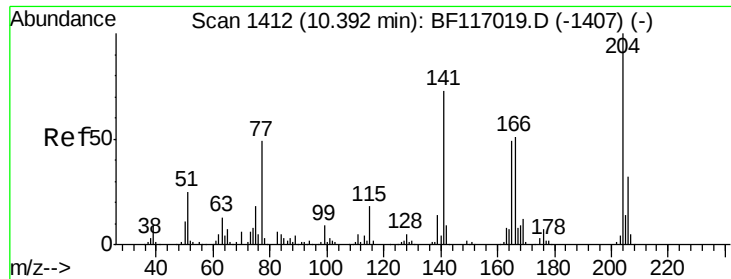
#60
Diethylphthalate
Concen: 48.097 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	15.2	22.8
150	12.4	9.9	14.9



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

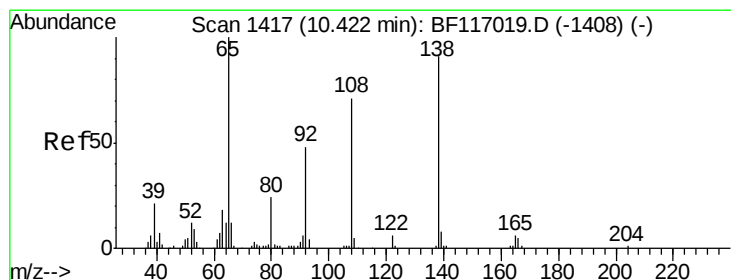
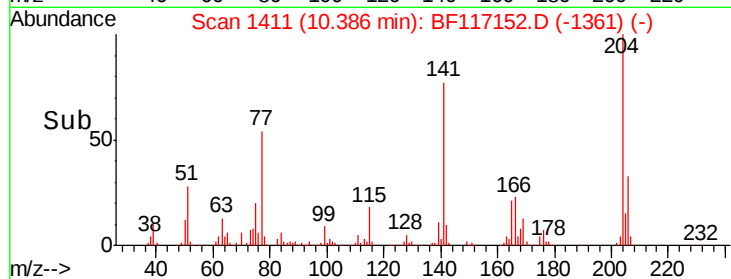
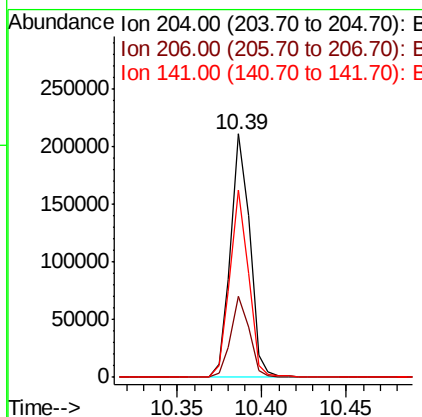
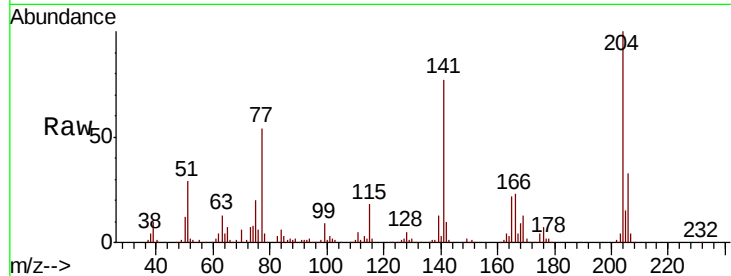




#61
 4-Chlorophenyl-phenylether
 Concen: 49.164 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

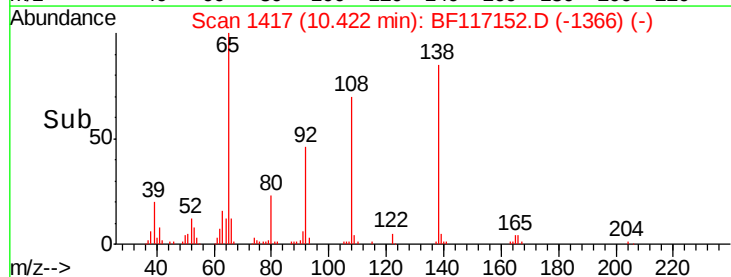
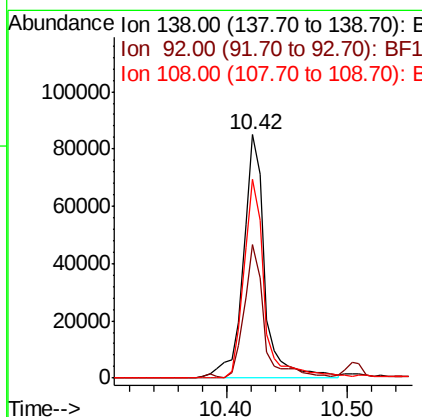
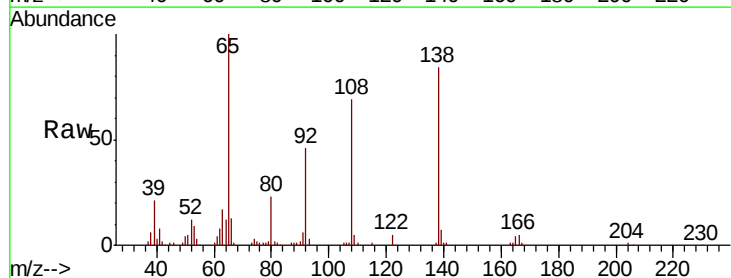
Instrument :
 BNA_F
 ClientSampleId :

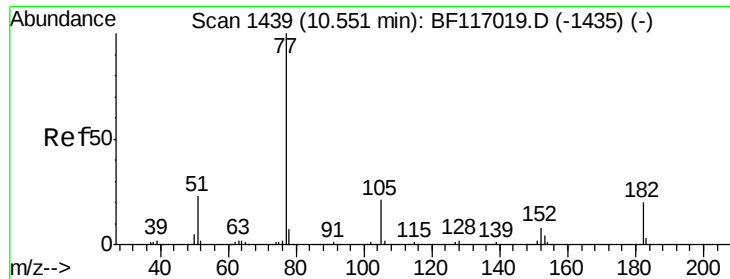
Tot Ion:	204	Resp:	168226
Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	76.9	58.2	87.2



#62
 4-Nitroaniline
 Concen: 46.478 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion:	138	Resp:	106449
Ion	Ratio	Lower	Upper
138	100		
92	54.8	32.9	72.9
108	81.9	58.3	98.3

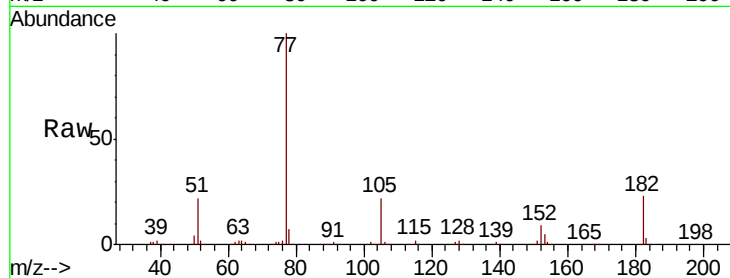




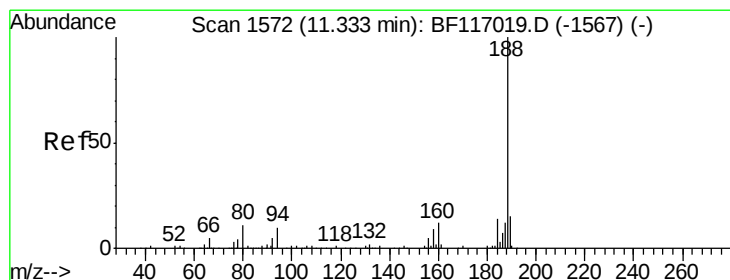
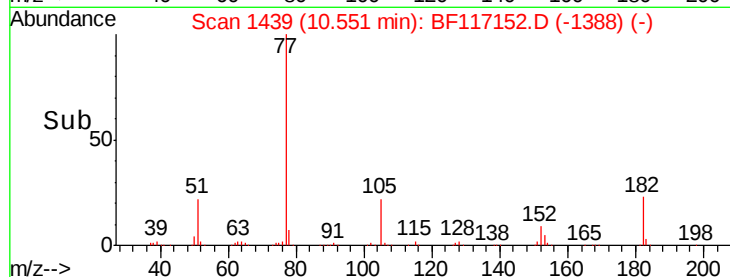
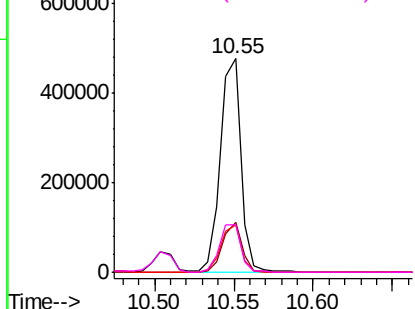
#63
Azobenzene
Concen: 49.517 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	426429
Ion	Ratio	Lower	Upper
77	100		
182	23.4	0.4	40.4
105	22.5	0.9	40.9
51	22.2	2.8	42.8

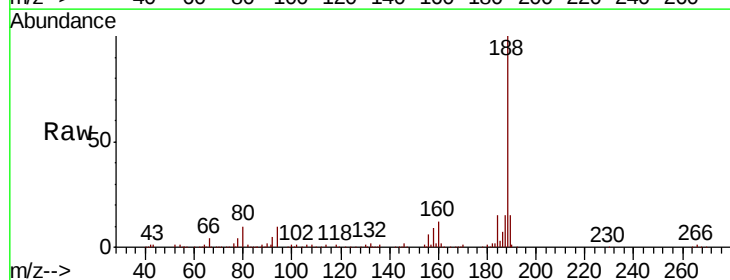


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

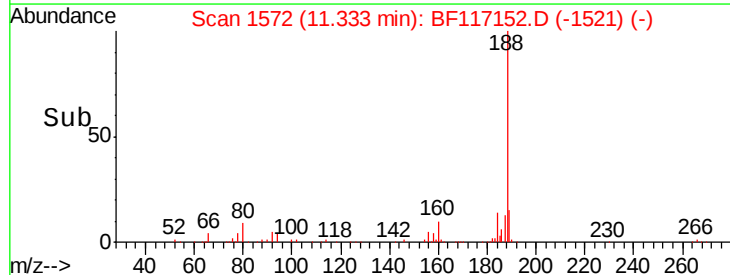
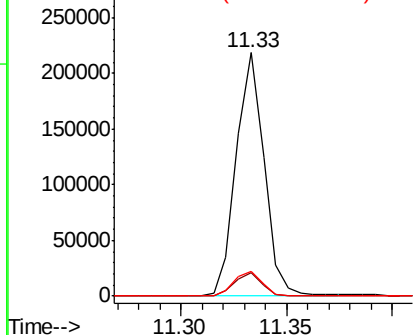


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:	188	Resp:	201219
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.2	12.2
80	10.1	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

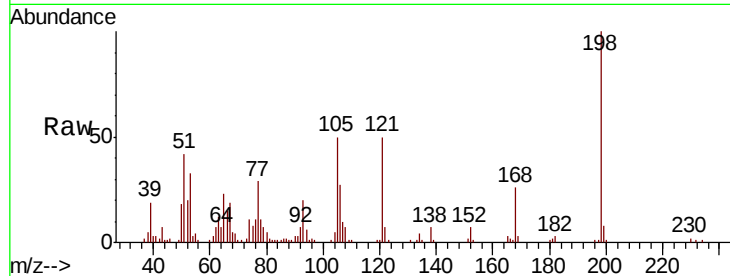




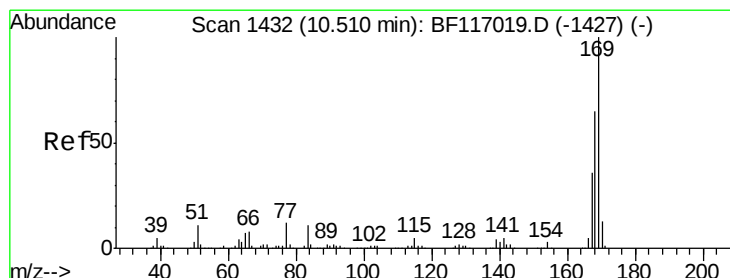
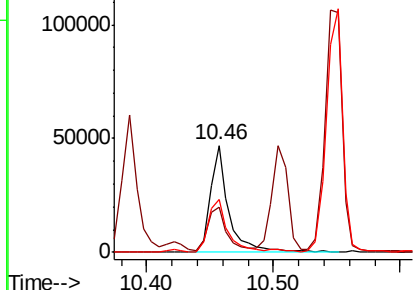
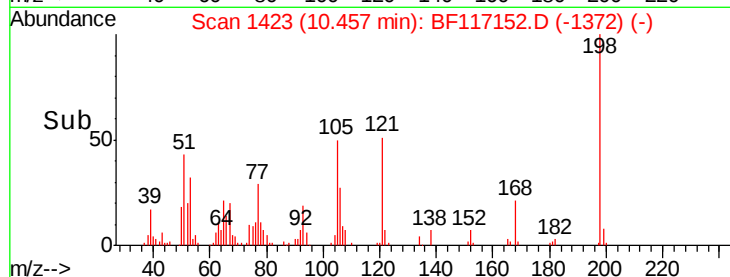
#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.698 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 47968
 Ion Ratio Lower Upper
 198 100
 51 42.2 18.7 58.7
 105 49.7 30.2 70.2

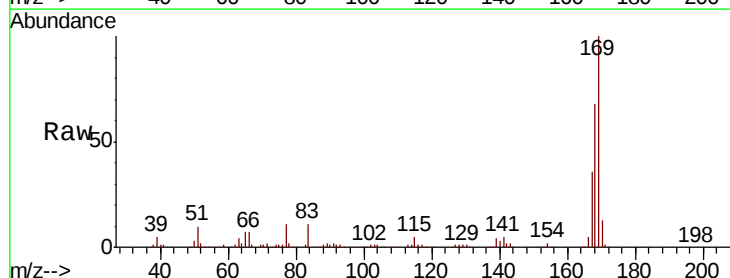


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

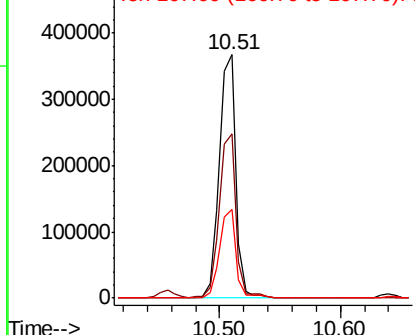
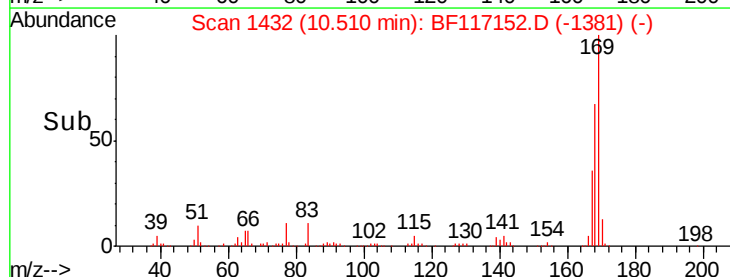


#66
 n-Nitrosodiphenylamine
 Concen: 49.542 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion:169 Resp: 344280
 Ion Ratio Lower Upper
 169 100
 168 67.7 52.2 78.2
 167 36.3 28.8 43.2



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

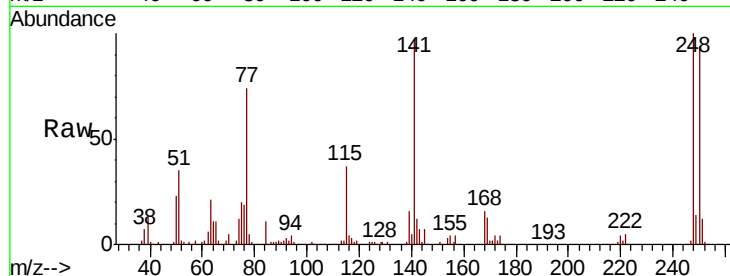




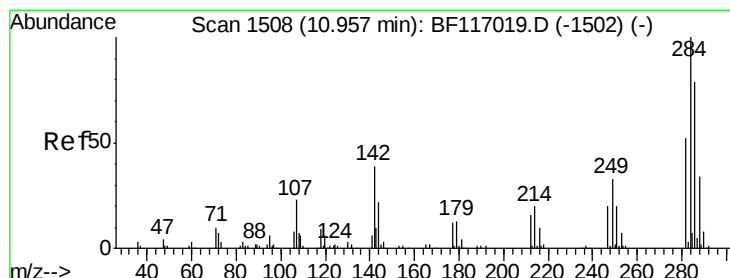
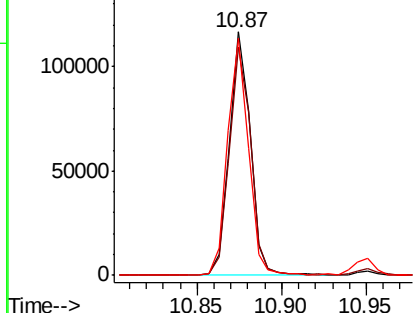
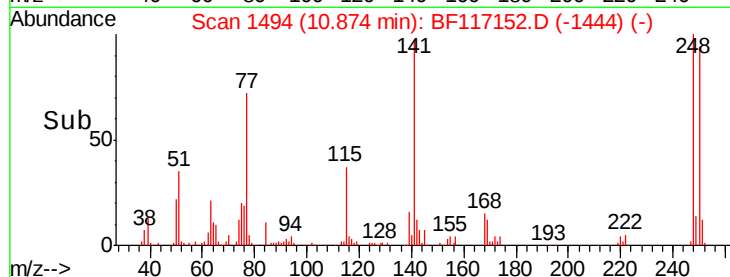
#67
4-Bromophenyl-phenylether
Concen: 48.764 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 100206
Ion Ratio Lower Upper
248 100
250 93.7 76.2 114.4
141 97.2 75.0 112.4

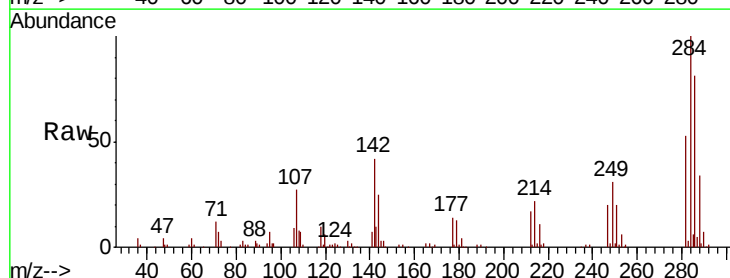


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

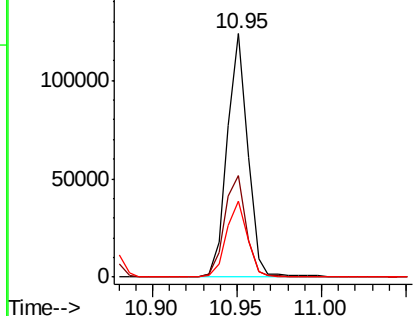
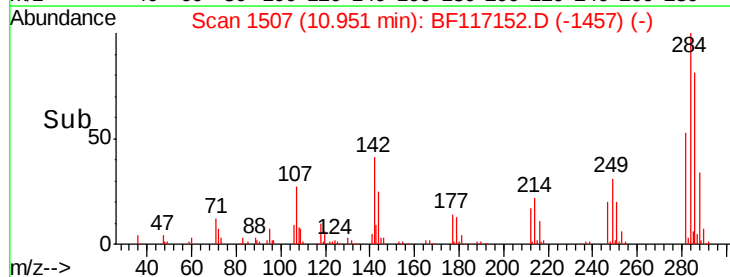


#68
Hexachlorobenzene
Concen: 46.644 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:284 Resp: 104836
Ion Ratio Lower Upper
284 100
142 41.5 31.4 47.2
249 31.0 26.5 39.7



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

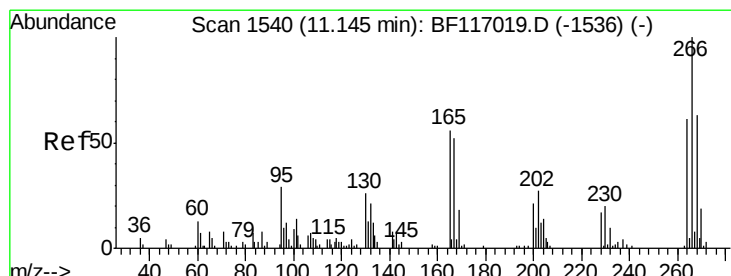
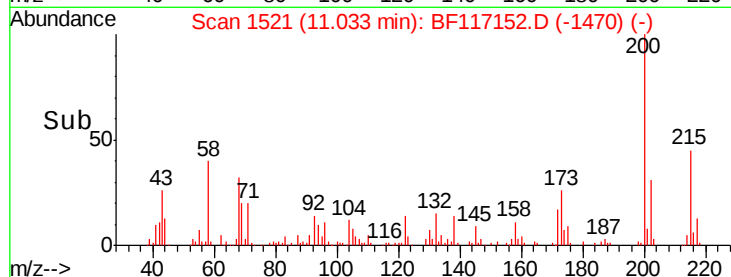
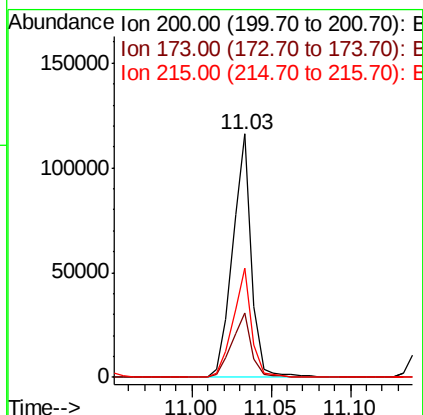
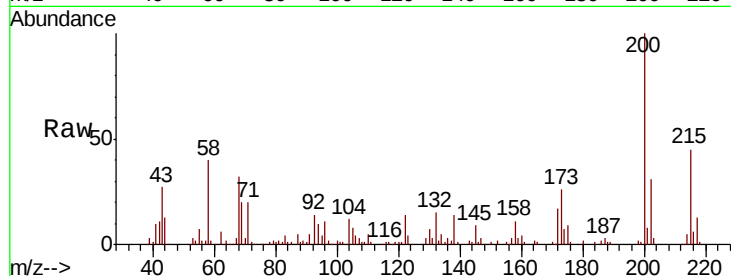




#69
 Atrazine
 Concen: 61.029 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

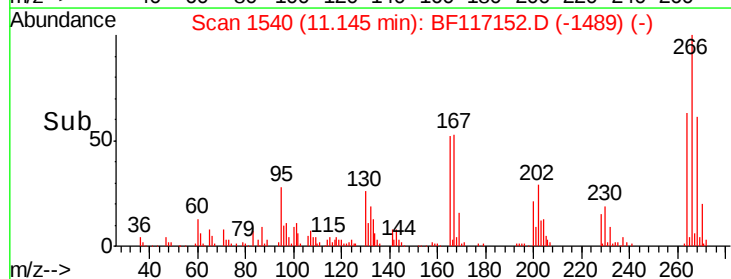
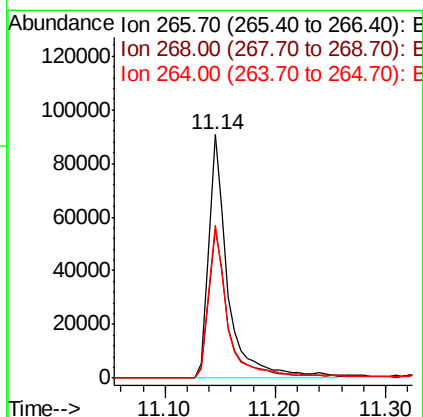
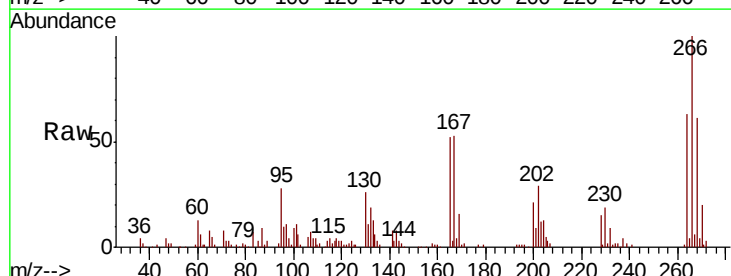
Instrument :
 BNA_F
 ClientSampleId :

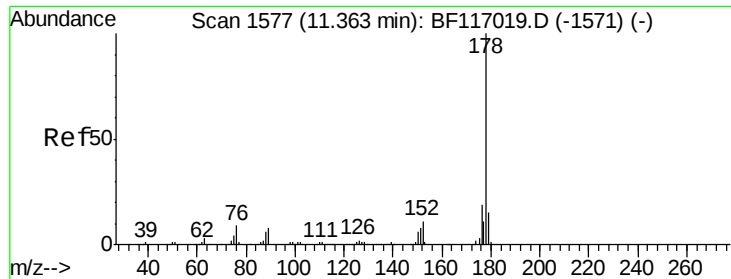
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.9	46.9
215	44.9	23.8	63.8



#70
 Pentachlorophenol
 Concen: 101.713 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.4	50.5	75.7
264	62.7	48.8	73.2





#71

Phenanthrene

Concen: 50.044 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

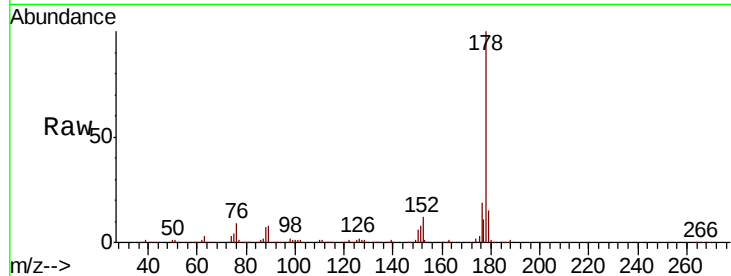
Tot Ion:178 Resp: 571958

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

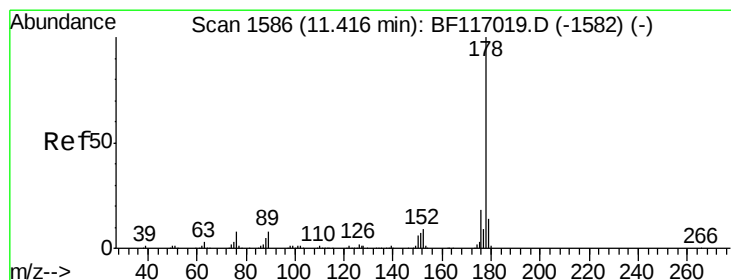
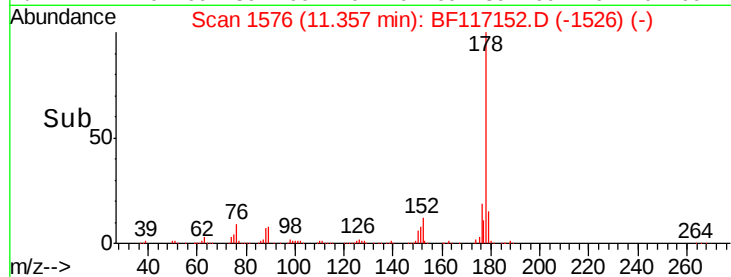
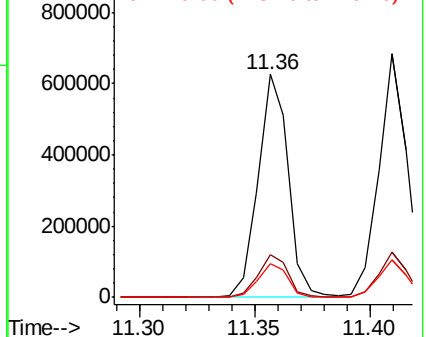
179 15.3 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 51.288 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

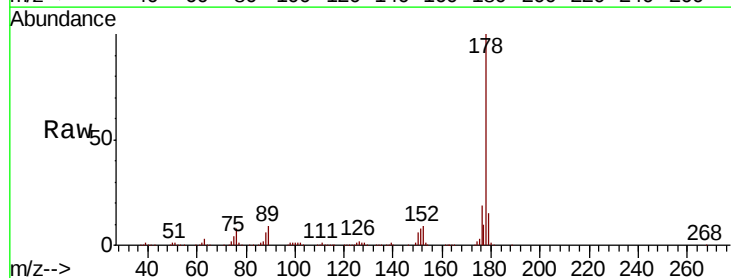
Tgt Ion:178 Resp: 598448

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

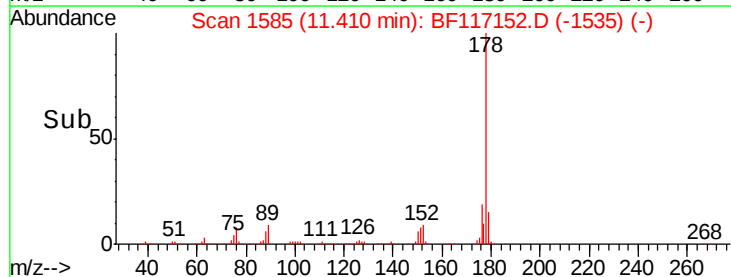
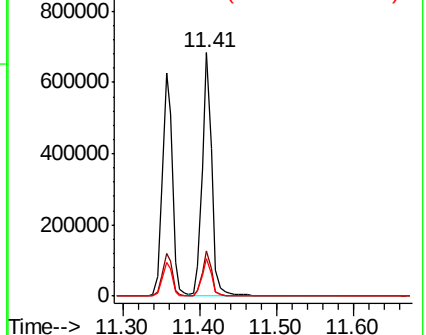
179 15.2 11.6 17.4

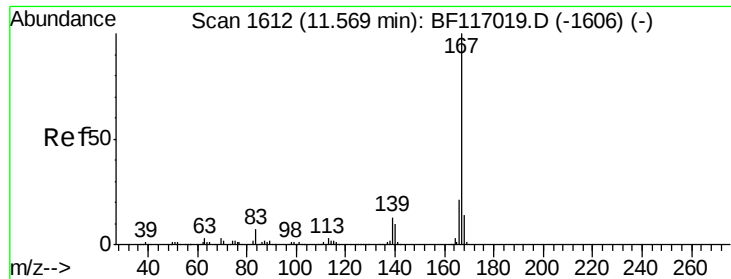


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

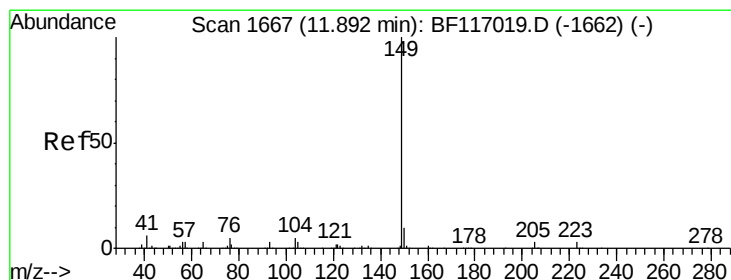
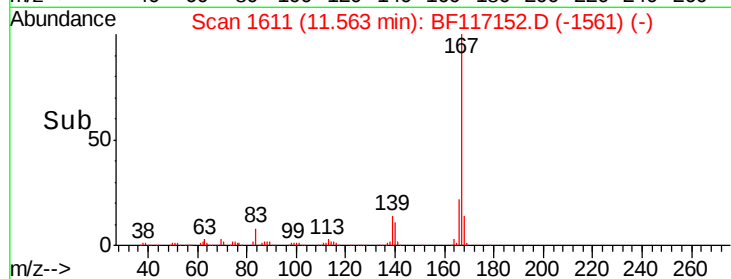
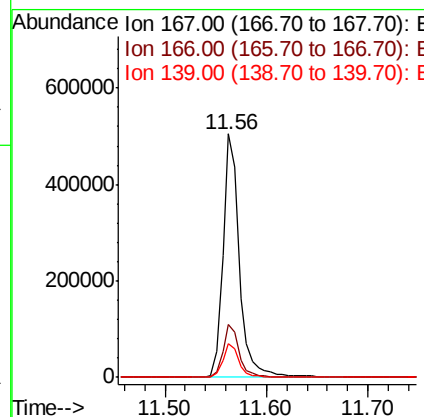
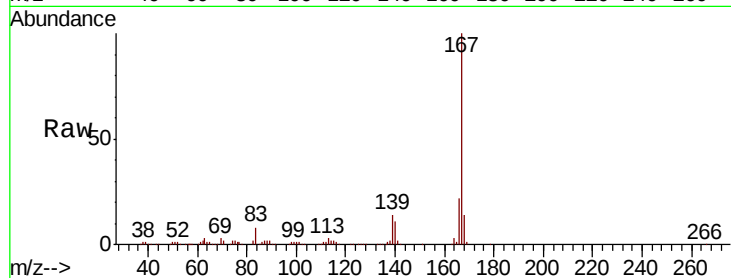




#73
 Carbazole
 Concen: 50.831 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

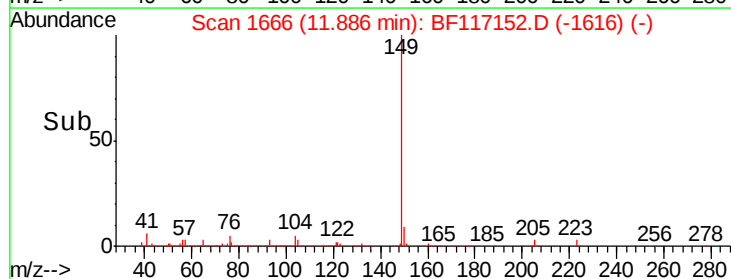
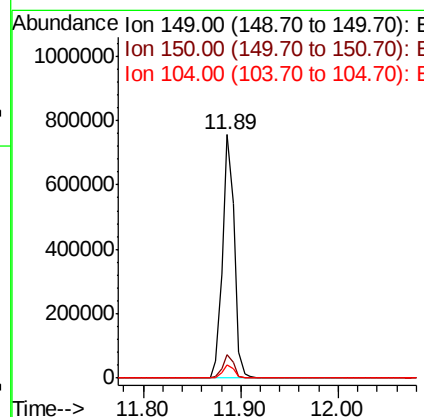
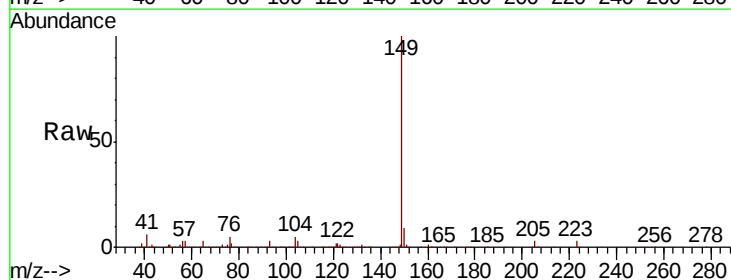
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.8	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 48.200 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.3	4.2	6.4

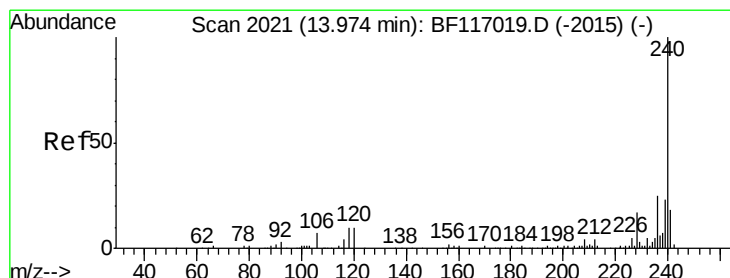
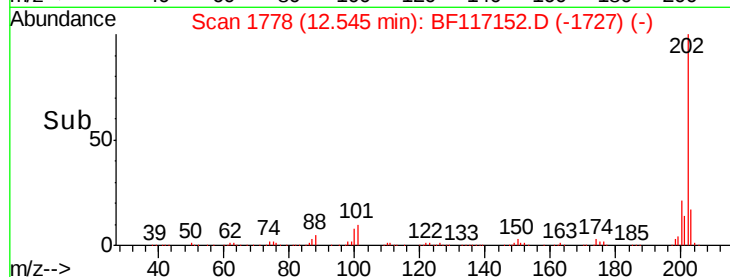
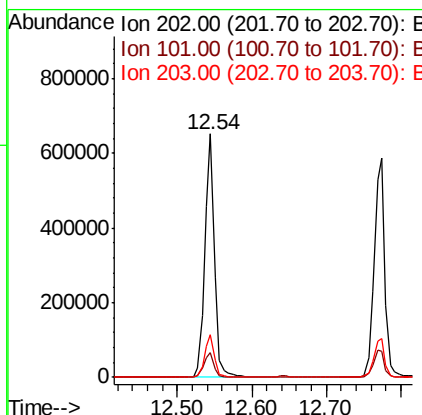
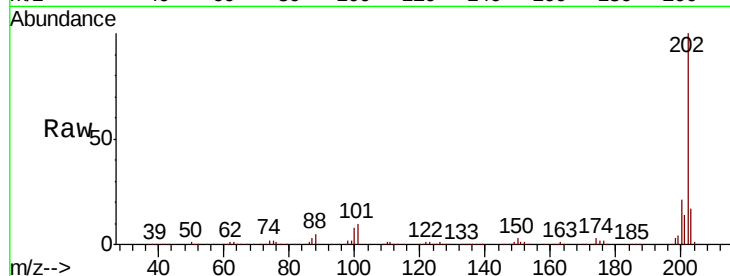




#75
 Fluoranthene
 Concen: 50.327 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

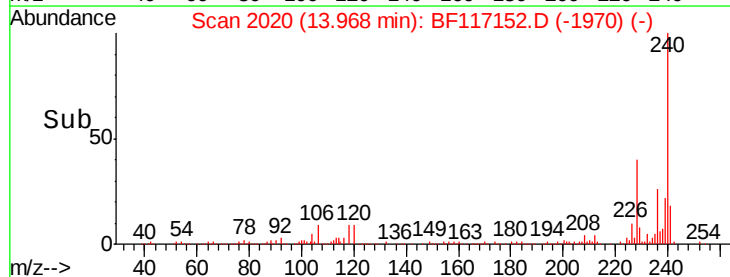
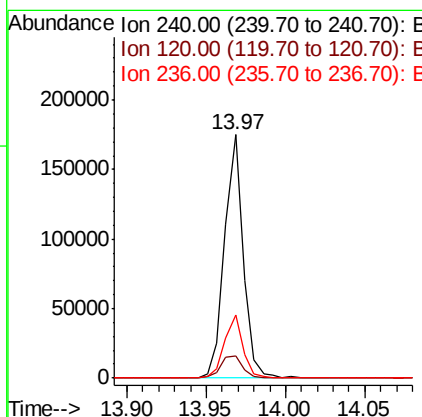
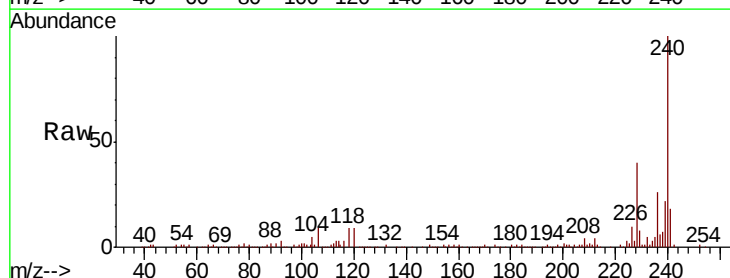
Instrument :
 BNA_F
 ClientSampleId :

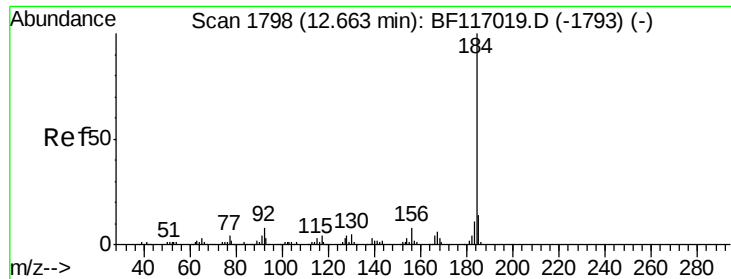
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.3
203	17.5	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.3	12.5
236	26.0	20.3	30.5





#77

Benzidine

Concen: 20.491 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

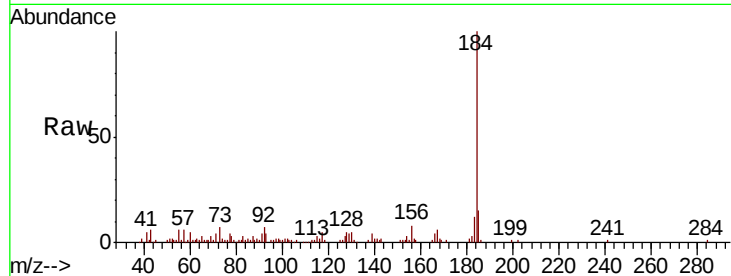
Tot Ion:184 Resp: 94407

Ion Ratio Lower Upper

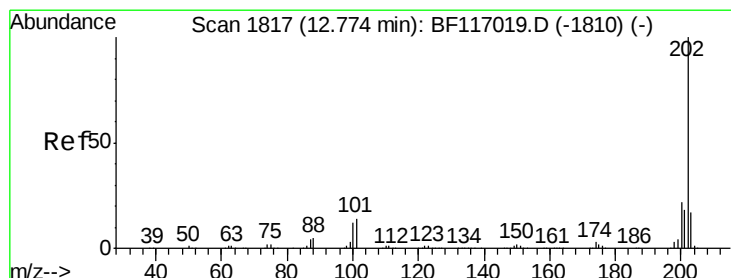
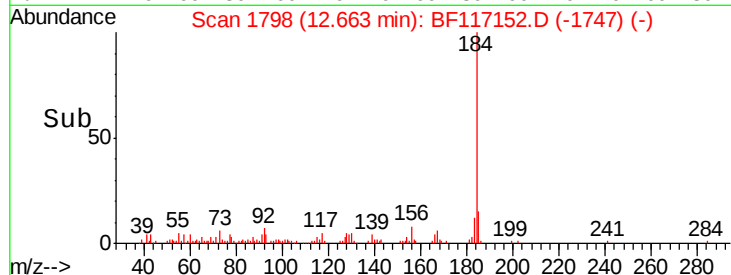
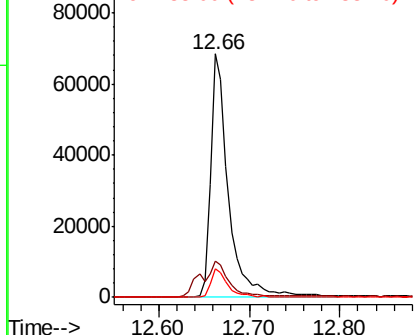
184 100

185 15.0 11.6 17.4

183 11.9 9.0 13.4



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: 49.358 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

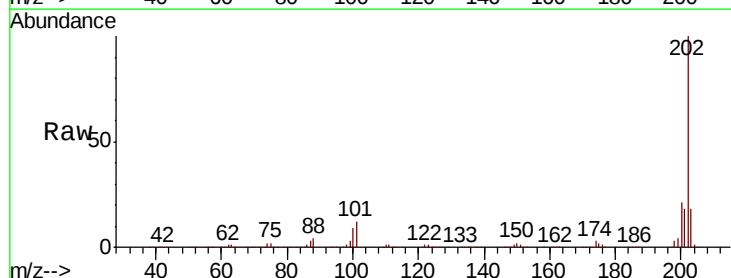
Tgt Ion:202 Resp: 592335

Ion Ratio Lower Upper

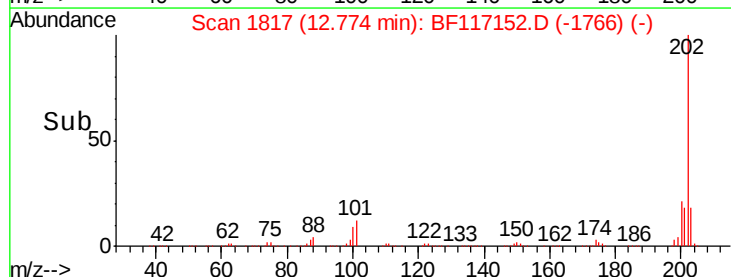
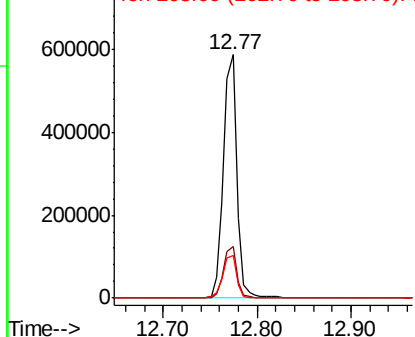
202 100

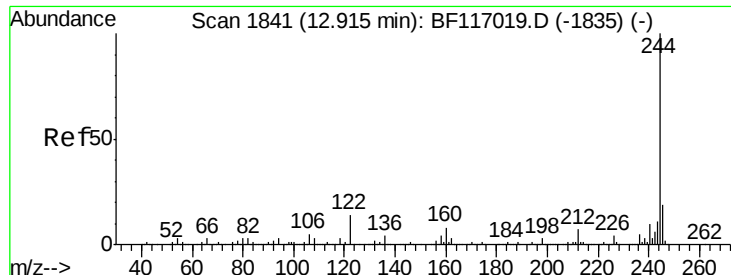
200 21.2 17.2 25.8

203 17.7 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

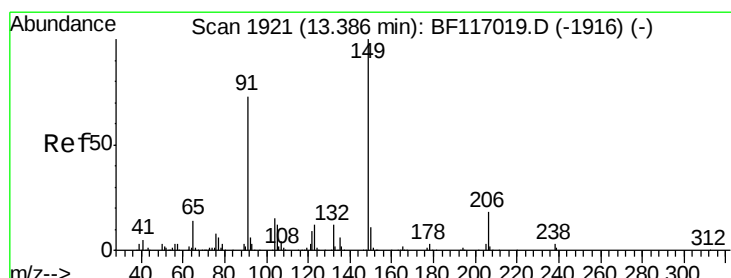
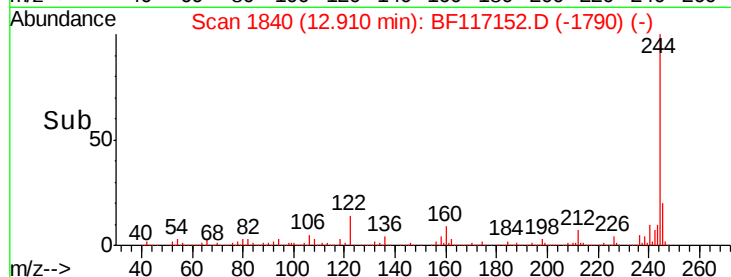
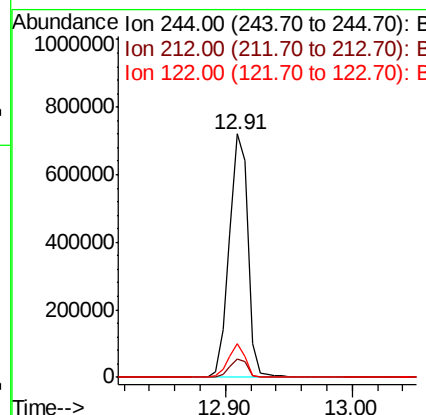
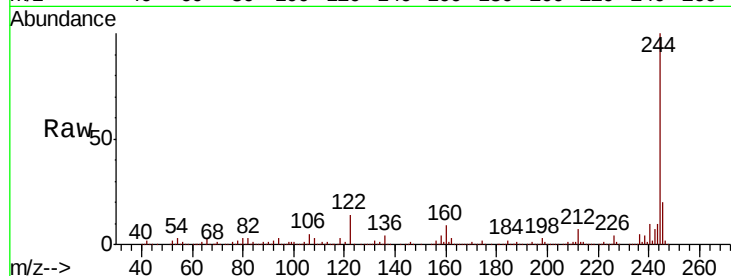




#79
 Terphenyl-d14
 Concen: 96.153 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

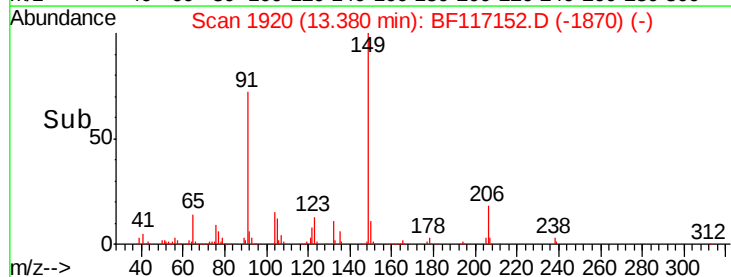
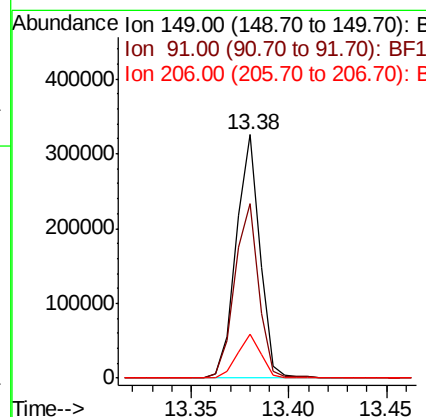
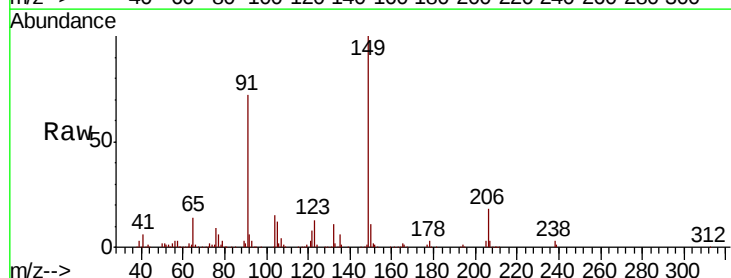
Instrument :
 BNA_F
 ClientSampled :

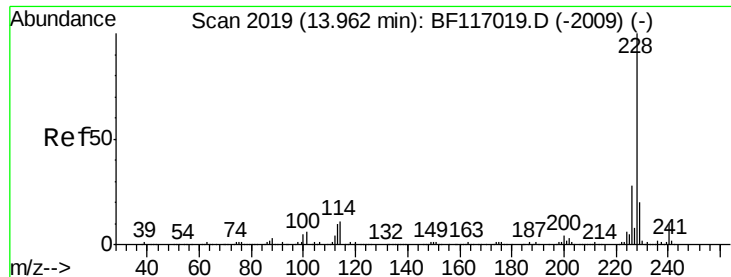
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	14.0	11.3	16.9



#80
 Butylbenzylphthalate
 Concen: 48.665 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117152.D
 Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.9	58.8	88.2
206	18.2	14.1	21.1





#81

Benzo(a)anthracene

Concen: 49.786 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

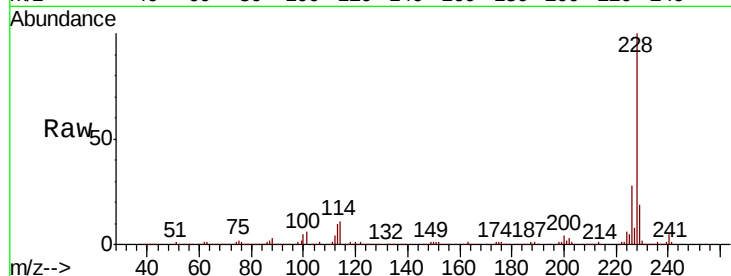
Tot Ion:228 Resp: 475734

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

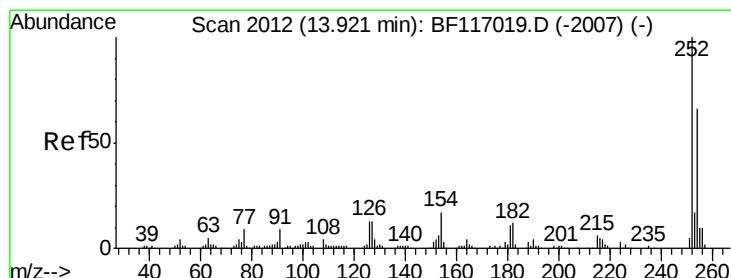
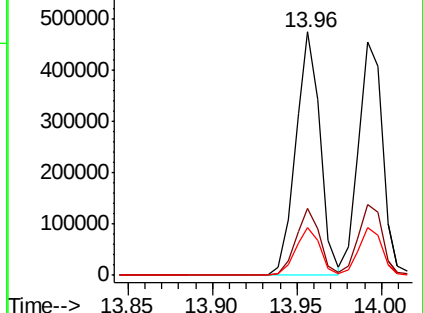
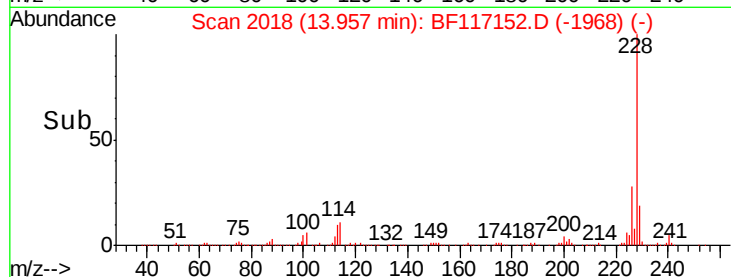
229 19.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.349 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

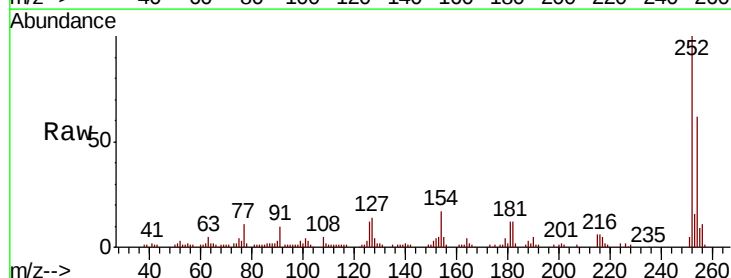
Tgt Ion:252 Resp: 78057

Ion Ratio Lower Upper

252 100

254 62.4 52.6 79.0

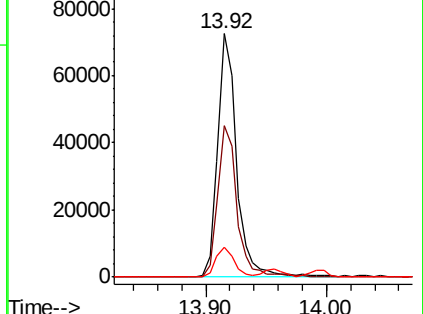
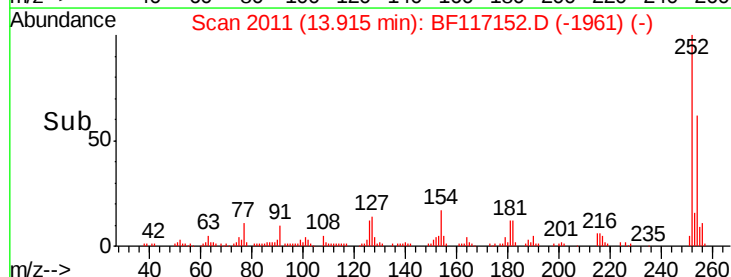
126 12.0 10.4 15.6

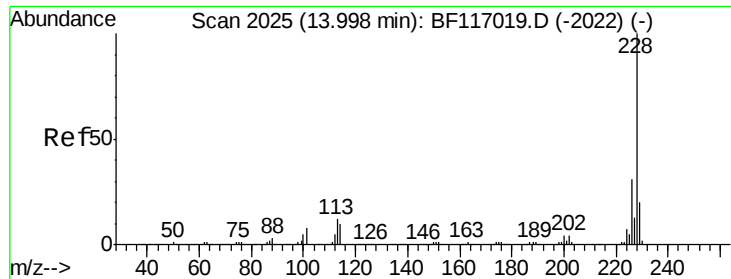


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.102 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

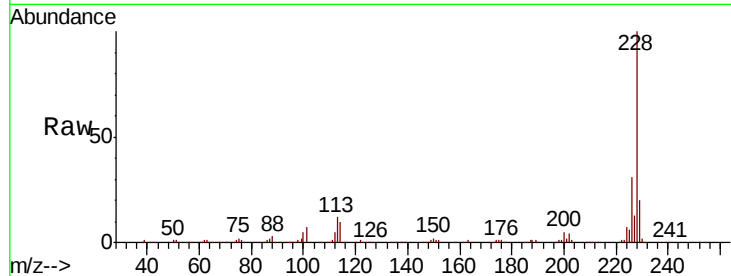
Tot Ion:228 Resp: 457624

Ion Ratio Lower Upper

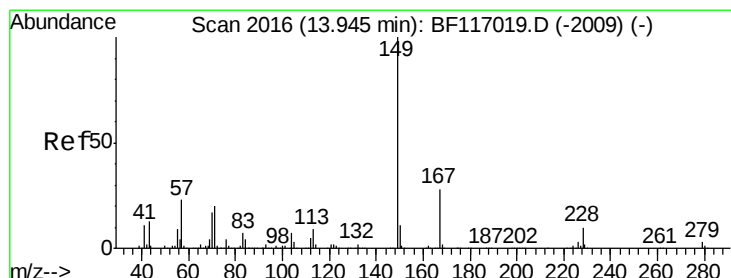
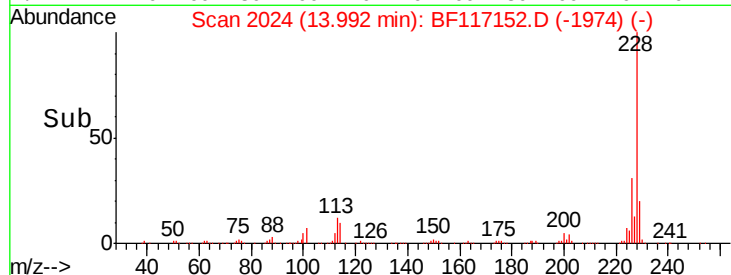
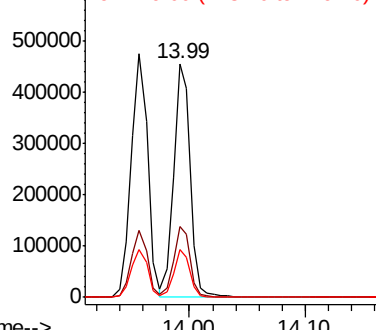
228 100

226 30.6 24.8 37.2

229 20.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.759 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

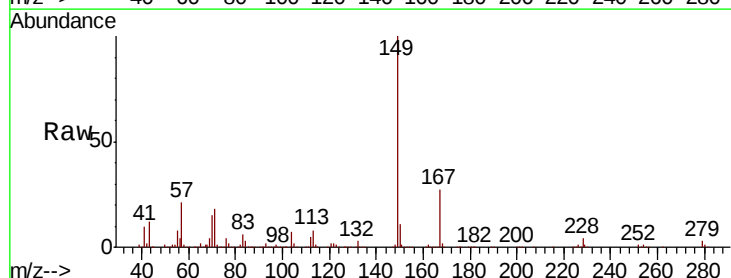
Tgt Ion:149 Resp: 363808

Ion Ratio Lower Upper

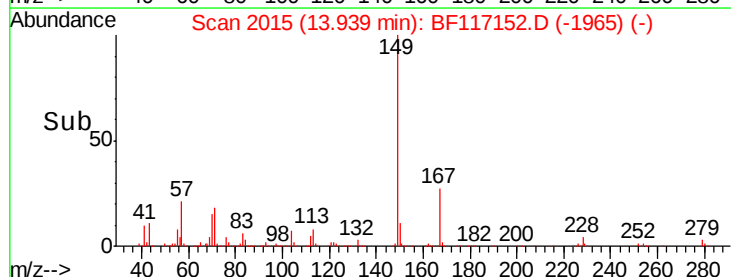
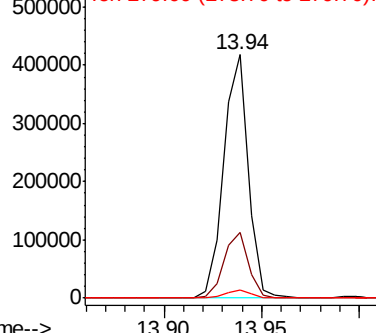
149 100

167 27.0 22.2 33.2

279 3.3 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

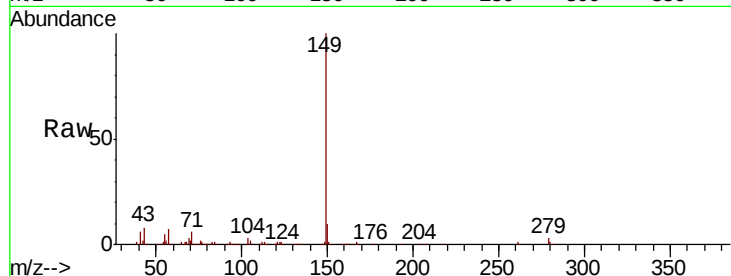




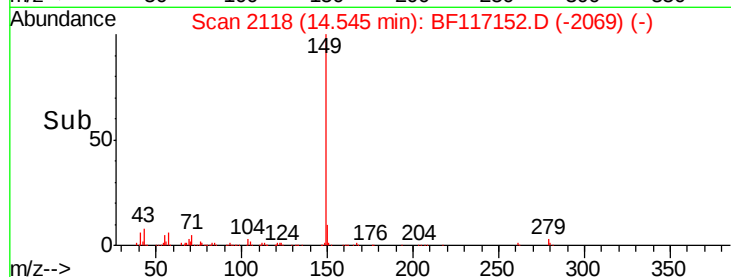
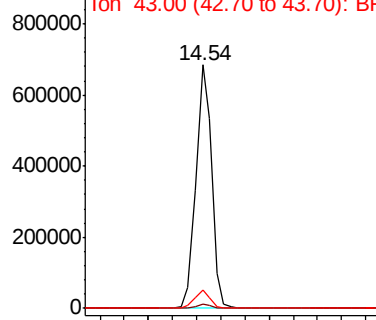
#85
Di-n-octyl phthalate
Concen: 53.406 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.1	6.2	9.4

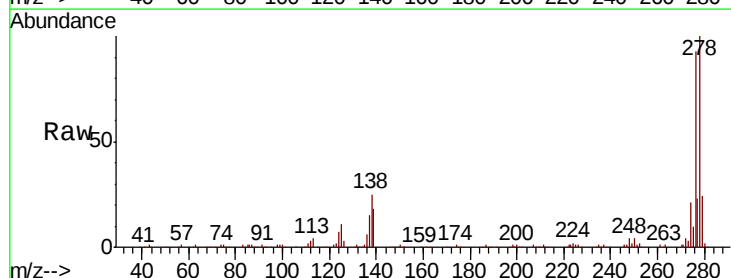


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

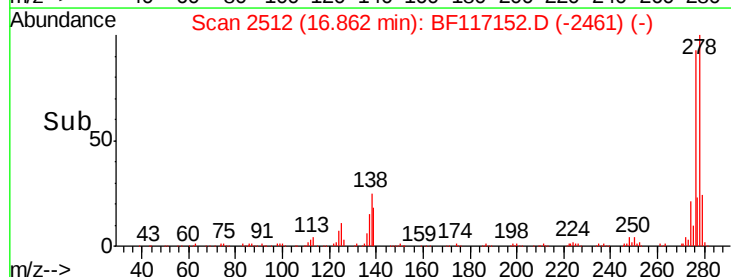
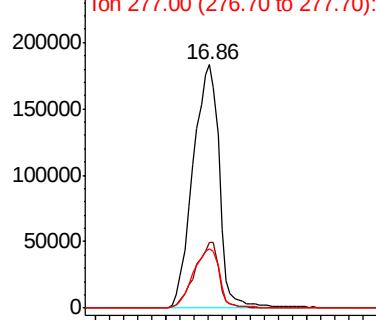


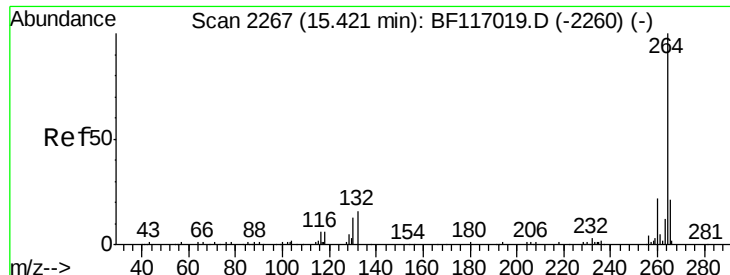
#86
Indeno(1,2,3-cd)pyrene
Concen: 69.955 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.7	31.1
277	24.4	19.8	29.8



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

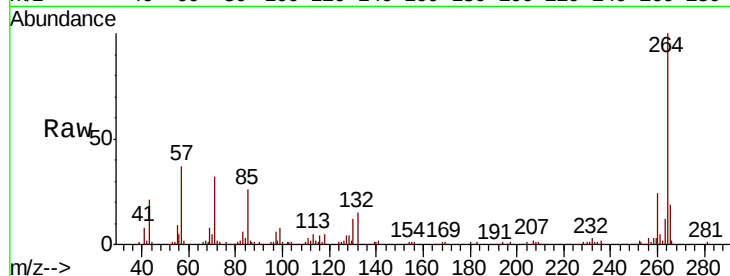




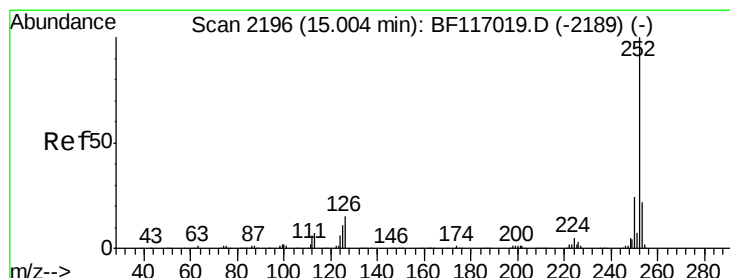
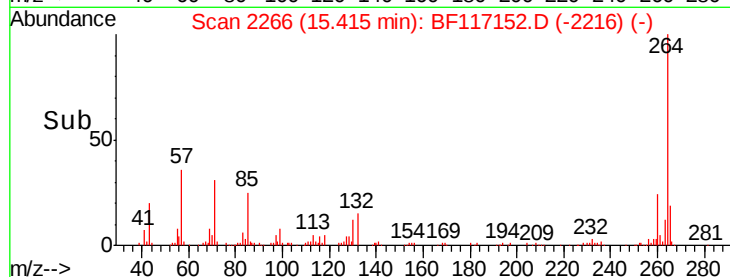
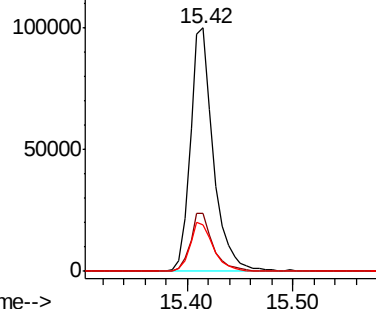
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.6	26.4
265	19.4	16.6	24.8

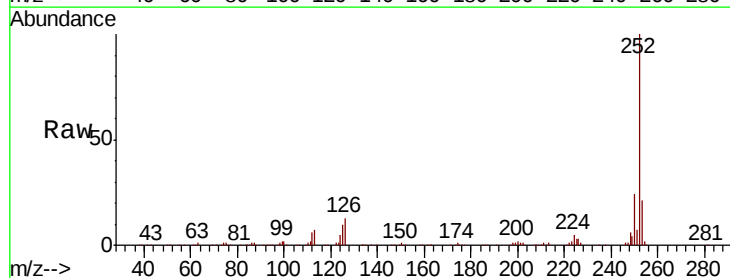


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

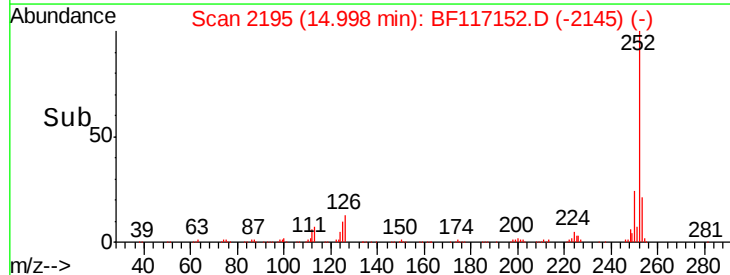
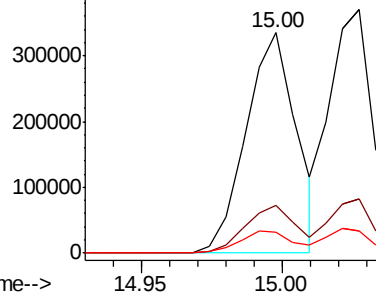


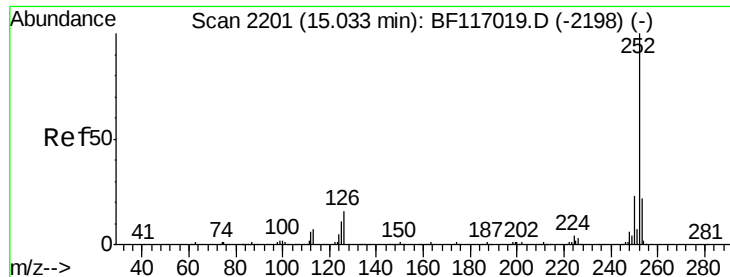
#88
Benzo(b)fluoranthene
Concen: 45.110 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	9.7	8.6	12.8



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

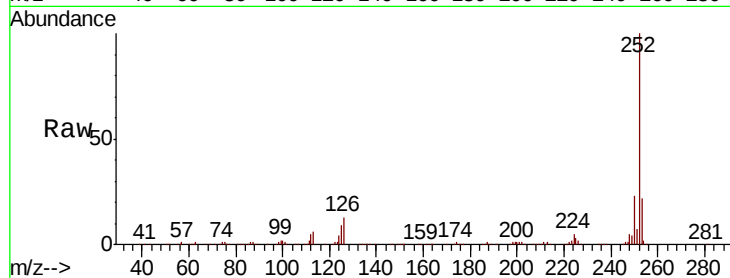




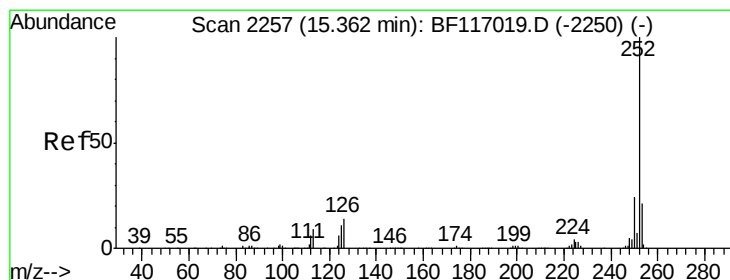
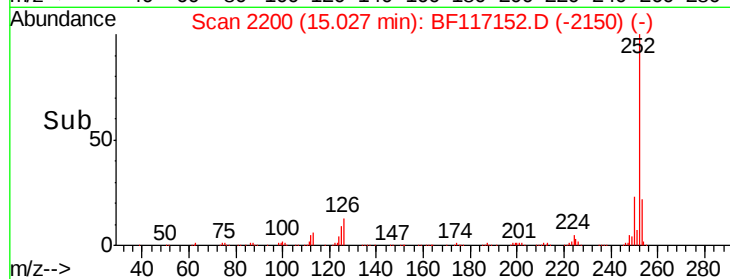
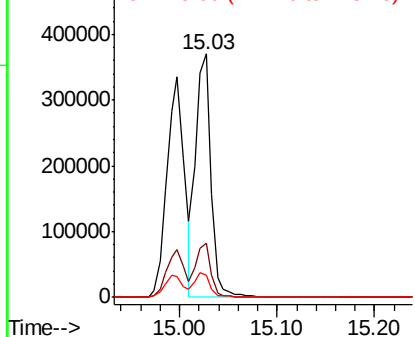
#89
Benzo(k)fluoranthene
Concen: 46.313 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 403100
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.2 8.8 13.2

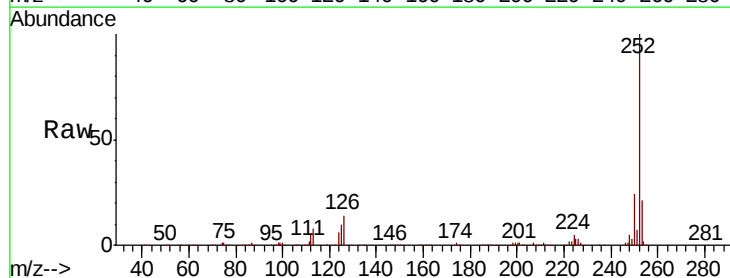


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

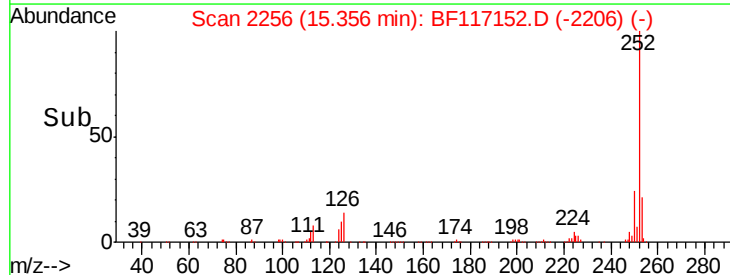
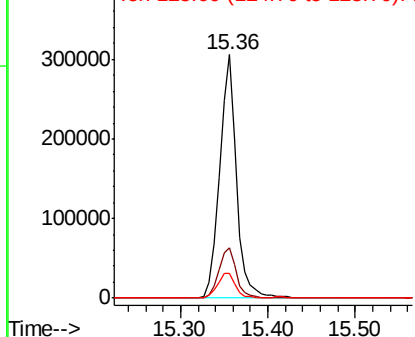


#90
Benzo(a)pyrene
Concen: 50.679 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117152.D
Acq: 18 Sep 2019 18:41

Tgt Ion:252 Resp: 408614
Ion Ratio Lower Upper
252 100
253 20.8 16.6 25.0
125 10.2 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 61.580 ng

RT: 16.87 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

Instrument :

BNA_F

ClientSampleId :

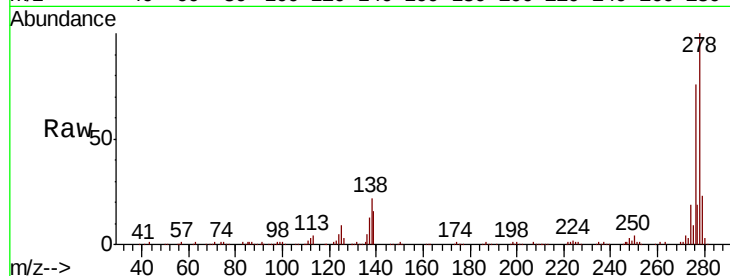
Tot Ion:278 Resp: 395534

Ion Ratio Lower Upper

278 100

139 15.8 13.5 20.3

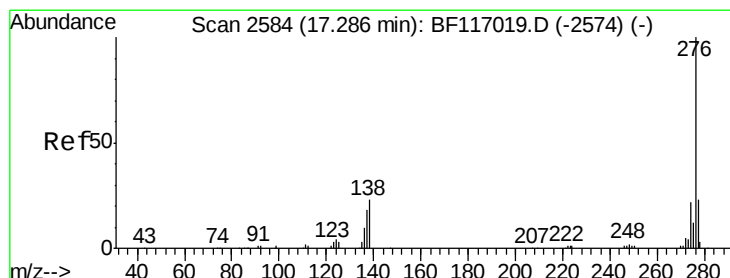
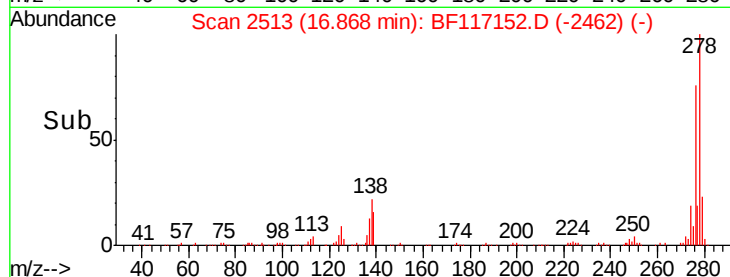
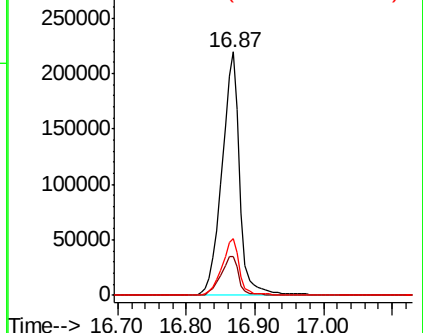
279 23.2 18.8 28.2



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: 63.219 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BF117152.D

Acq: 18 Sep 2019 18:41

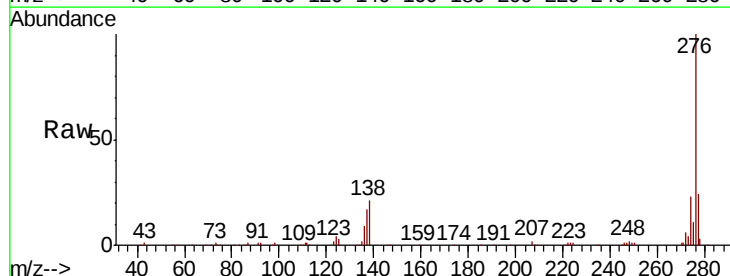
Tgt Ion:276 Resp: 404638

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 20.8 18.0 27.0



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

