

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117190.D
 Acq On : 20 Sep 2019 17:24
 Operator : HP/JU
 Sample : PB123268BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 23:00:20 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	43370	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	180020	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	95673	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	155472	20.00	ng	0.01
76) Chrysene-d12	13.99	240	103067	20.00	ng	0.01
87) Perylene-d12	15.43	264	83207	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	388421	139.83	ng	0.02
7) Phenol-d6	6.47	99	518615	144.46	ng	0.02
23) Nitrobenzene-d5	7.39	82	329225	96.09	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	133542	167.01	ng	0.01
45) 2-Fluorobiphenyl	9.18	172	642581	105.02	ng	0.00
79) Terphenyl-d14	12.93	244	638987	115.89	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	32142	27.651	ng	97
3) Pyridine	3.45	79	82598	25.961	ng	98
4) n-Nitrosodimethylamine	3.38	42	47548	43.548	ng	# 74
6) Aniline	6.49	93	117925	25.513	ng	92
8) 2-Chlorophenol	6.62	128	130941	43.693	ng	97
9) Benzaldehyde	6.37	77	92276	54.975	ng	96
10) Phenol	6.49	94	164492	41.562	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	116325	39.991	ng	99
12) 1,3-Dichlorobenzene	6.76	146	129988	38.654	ng	99
13) 1,4-Dichlorobenzene	6.84	146	132773	38.689	ng	98
14) 1,2-Dichlorobenzene	6.99	146	128005	40.062	ng	97
15) Benzyl Alcohol	6.97	79	126952	46.113	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	113447	39.476	ng	61
17) 2-Methylphenol	7.09	107	107779	42.912	ng	# 85
18) Hexachloroethane	7.33	117	53309	40.379	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	99894	45.696	ng	97
20) 3+4-Methylphenols	7.24	107	141702	45.294	ng	# 79
22) Acetophenone	7.23	105	197977	43.285	ng	# 95
24) Nitrobenzene	7.41	77	147751	43.668	ng	97
25) Isophorone	7.65	82	270365	44.568	ng	99
26) 2-Nitrophenol	7.72	139	66980	46.087	ng	93
27) 2,4-Dimethylphenol	7.76	122	114279	49.586	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	154893	41.443	ng	99
29) 2,4-Dichlorophenol	7.97	162	107914	44.687	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	106515	40.826	ng	98
31) Naphthalene	8.12	128	376025	43.432	ng	99
32) Benzoic acid	7.92	122	60731	36.698	ng	94
33) 4-Chloroaniline	8.17	127	40815	10.629	ng	93
34) Hexachlorobutadiene	8.24	225	64162	43.347	ng	99
35) Caprolactam	8.57	113	16774	20.522	ng	88
36) 4-Chloro-3-methylphenol	8.67	107	128957	45.798	ng	97
37) 2-Methylnaphthalene	8.82	142	264490	45.366	ng	96
38) 1-Methylnaphthalene	8.92	142	245014	44.871	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	105025	42.511	ng	# 98

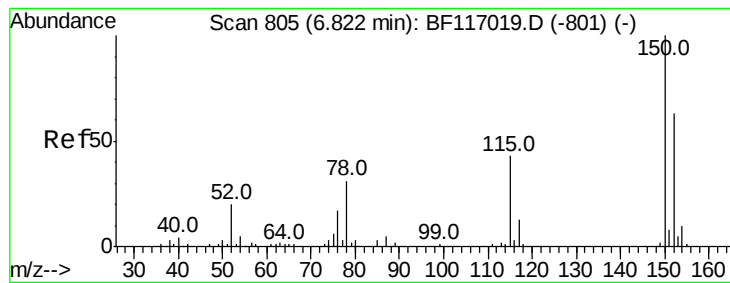
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
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 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	116622	104.165	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	70994	42.345	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	77886	43.481	ng	98
46) 1,1'-Biphenyl	9.28	154	322459	42.968	ng	99
47) 2-Chloronaphthalene	9.30	162	247749	41.830	ng	98
48) 2-Nitroaniline	9.40	65	77267	40.673	ng	94
49) Acenaphthylene	9.72	152	388716	43.811	ng	100
50) Dimethylphthalate	9.58	163	298937	44.129	ng	100
51) 2,6-Dinitrotoluene	9.65	165	64221	46.548	ng	98
52) Acenaphthene	9.89	154	226346	43.035	ng	98
53) 3-Nitroaniline	9.82	138	28105	16.146	ng	95
54) 2,4-Dinitrophenol	9.93	184	47218	79.345	ng	92
55) Dibenzofuran	10.06	168	352467	45.421	ng	97
56) 4-Nitrophenol	10.00	139	81131	71.913	ng	85
57) 2,4-Dinitrotoluene	10.06	165	85557	47.773	ng	# 84
58) Fluorene	10.41	166	291051	46.561	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	62445	45.555	ng	# 98
60) Diethylphthalate	10.28	149	318202	47.745	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	131248	48.528	ng	96
62) 4-Nitroaniline	10.44	138	65592	36.233	ng	# 82
63) Azobenzene	10.56	77	316498	46.498	ng	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	36486	51.001	ng	77
66) n-Nitrosodiphenylamine	10.52	169	250335	46.623	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	75267	47.405	ng	98
68) Hexachlorobenzene	10.96	284	77155	44.429	ng	96
69) Atrazine	11.05	200	69711	55.597	ng	97
70) Pentachlorophenol	11.16	266	74253	91.217	ng	98
71) Phenanthrene	11.37	178	399878	45.283	ng	98
72) Anthracene	11.42	178	405678	44.998	ng	99
73) Carbazole	11.57	167	359974	42.065	ng	98
74) Di-n-butylphthalate	11.90	149	506971	49.793	ng	99
75) Fluoranthene	12.56	202	392142	43.218	ng	99
77) Benzidine	12.67	184	186420	56.150	ng	98
78) Pyrene	12.79	202	390653	45.172	ng	99
80) Butylbenzylphthalate	13.39	149	203068	49.694	ng	96
81) Benzo(a)anthracene	13.97	228	300254	43.603	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	41111	18.527	ng	97
83) Chrysene	14.02	228	290808	43.300	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	293664	55.737	ng	99
85) Di-n-octyl phthalate	14.56	149	452842	54.607	ng	100
86) Indeno(1,2,3-cd)pyrene	16.90	276	204978	41.834	ng	97
88) Benzo(b)fluoranthene	15.02	252	224133	44.470	ng	99
89) Benzo(k)fluoranthene	15.02	252	224133	46.945	ng	99
90) Benzo(a)pyrene	15.37	252	205492	46.462	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	172401	48.931	ng	99
92) Benzo(g,h,i)perylene	17.32	276	158773	45.222	ng	96

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

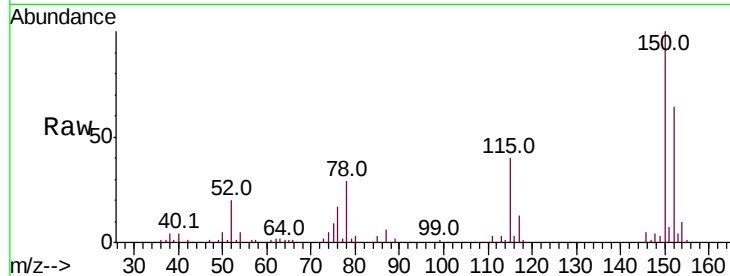


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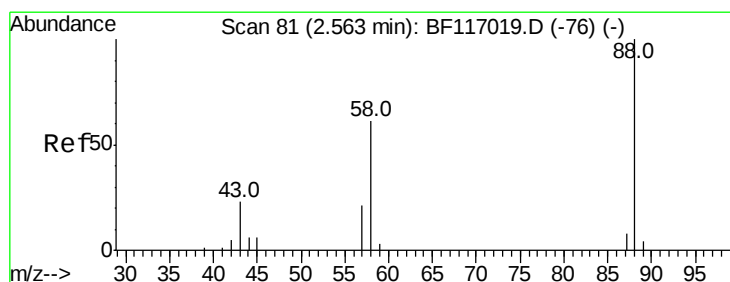
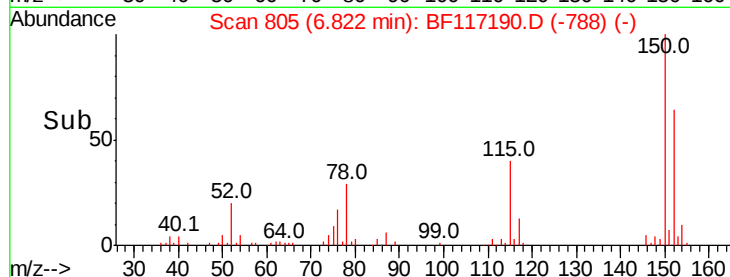
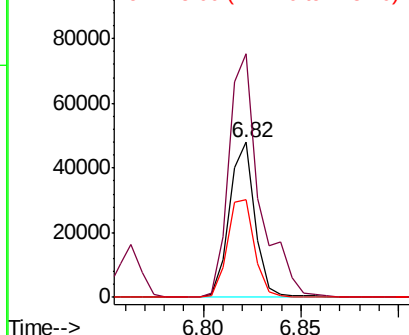
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 43370
Ion Ratio Lower Upper
152 100
150 157.2 127.5 191.3
115 63.4 55.0 82.4



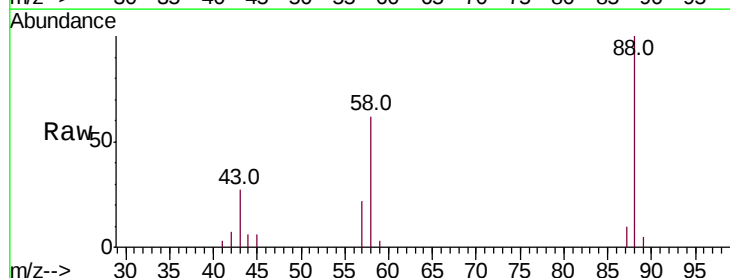
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



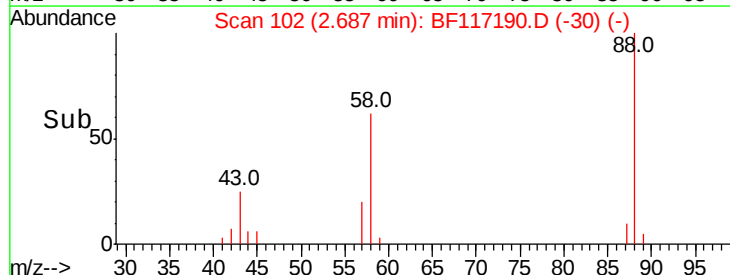
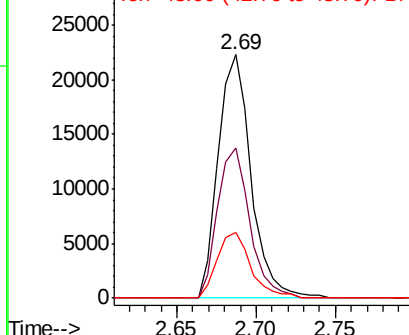
#2

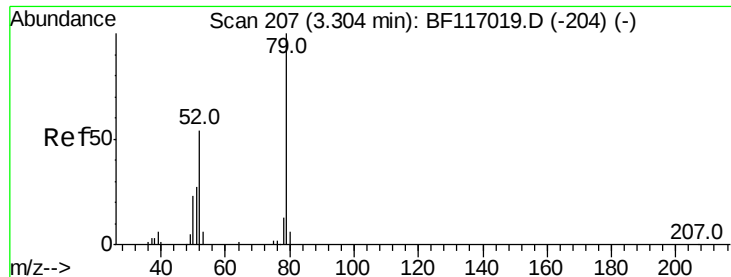
1,4-Dioxane
Concen: 27.651 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.12 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion: 88 Resp: 32142
Ion Ratio Lower Upper
88 100
58 60.5 49.3 73.9
43 27.7 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: 25.961 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.15 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

ClientSampleId :

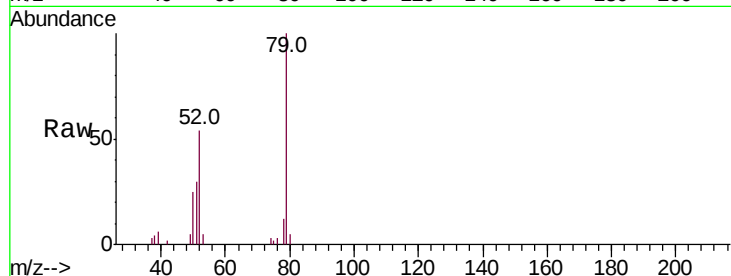
Tot Ion: 79 Resp: 82598

Ion Ratio Lower Upper

79 100

52 53.9 43.5 65.3

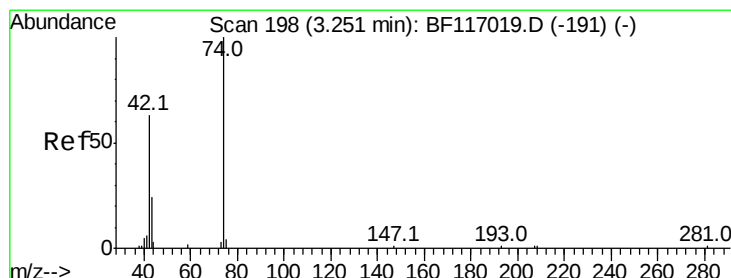
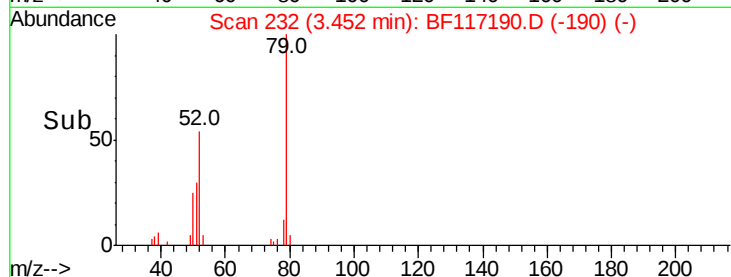
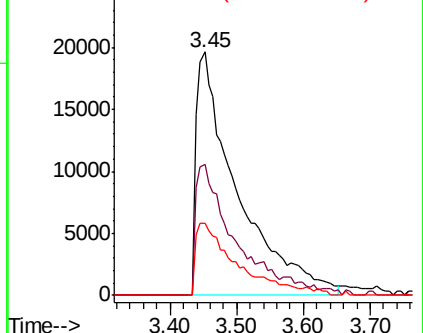
51 29.5 21.8 32.6



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: 43.548 ng

RT: 3.38 min Scan# 219

Delta R.T. 0.12 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

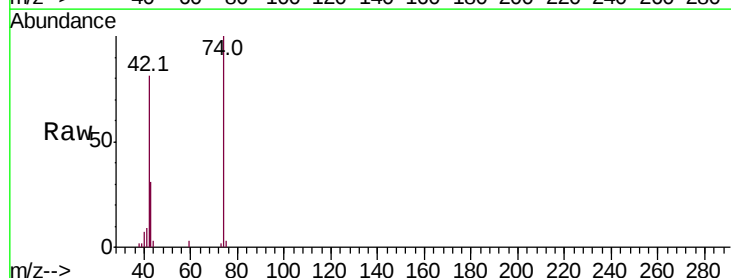
Tgt Ion: 42 Resp: 47548

Ion Ratio Lower Upper

42 100

74 123.5 127.1 190.7#

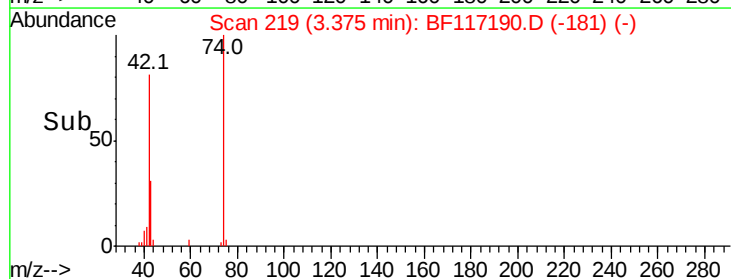
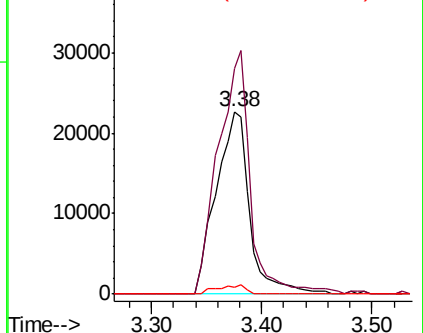
44 4.1 4.3 6.5#

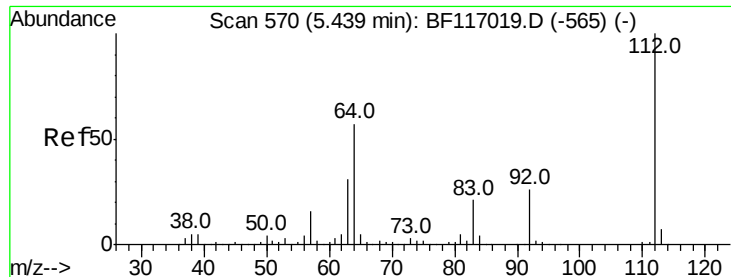


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 139.825 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampled :

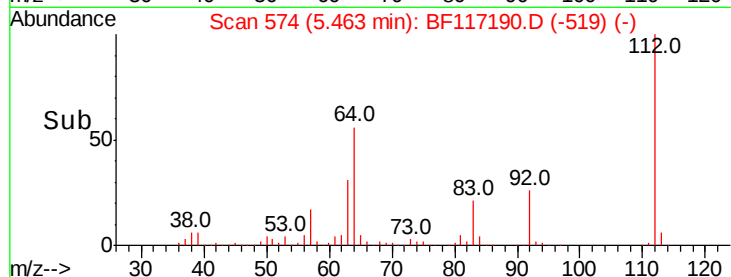
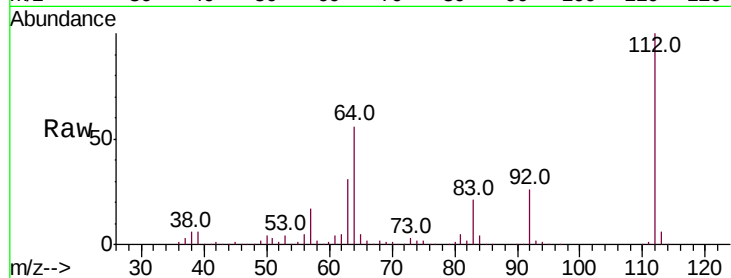
Tot Ion:112 Resp: 388421

Ion Ratio Lower Upper

112 100

64 56.0 45.7 68.5

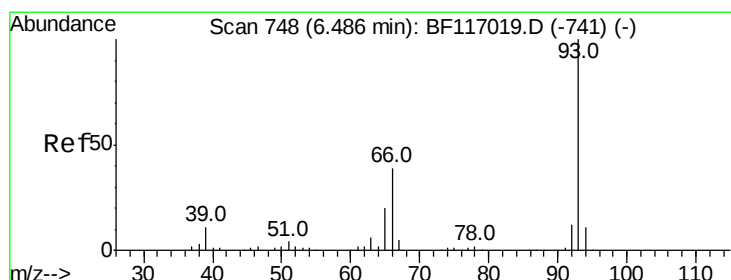
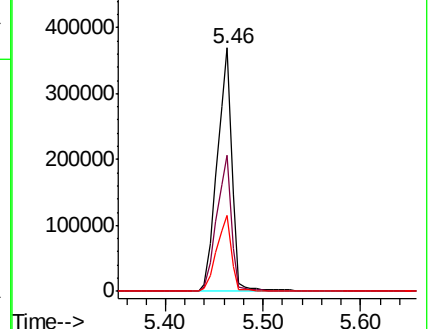
63 31.0 24.9 37.3



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: 25.513 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

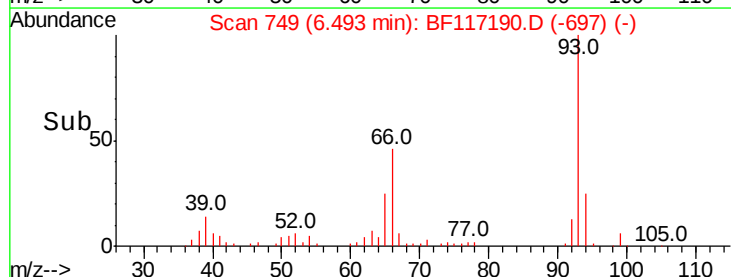
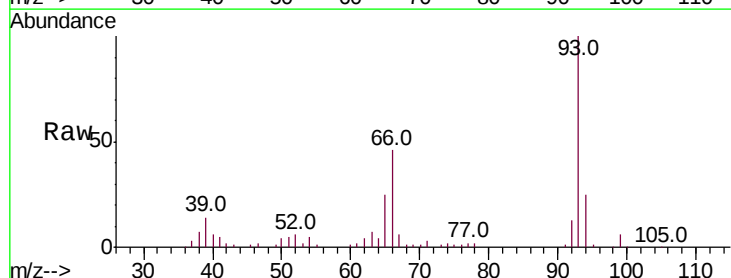
Tgt Ion: 93 Resp: 117925

Ion Ratio Lower Upper

93 100

66 46.2 32.6 49.0

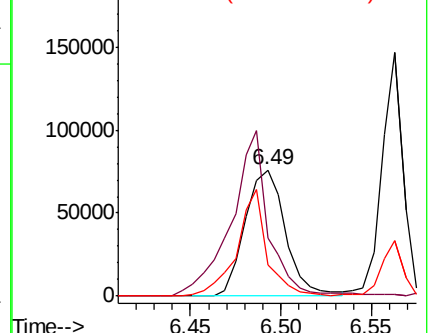
65 24.6 16.7 25.1

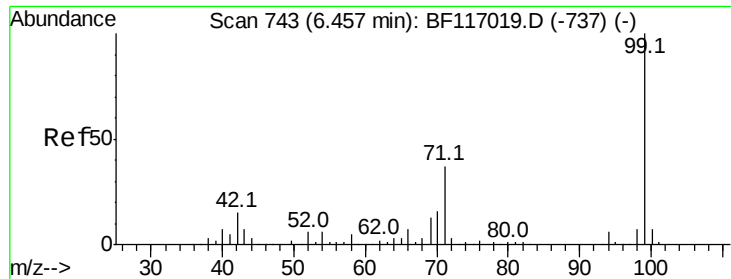


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 144.459 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

ClientSampled :

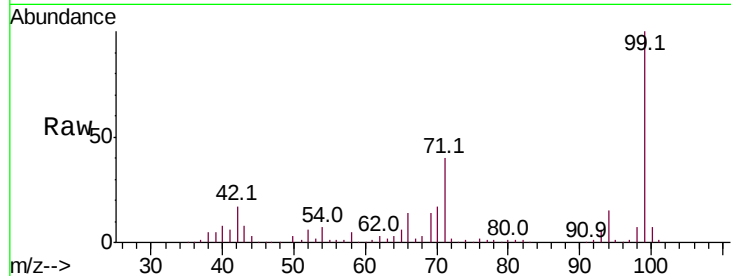
Tot Ion: 99 Resp: 518615

Ion Ratio Lower Upper

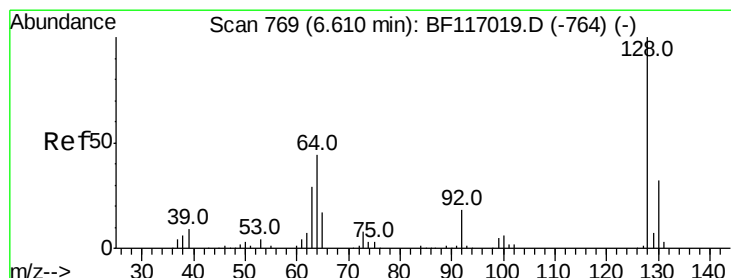
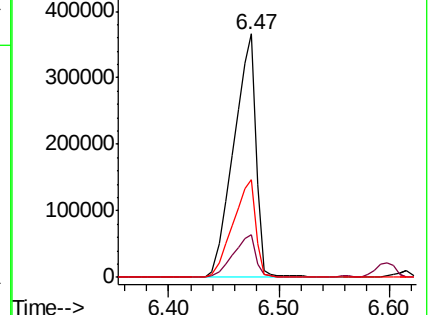
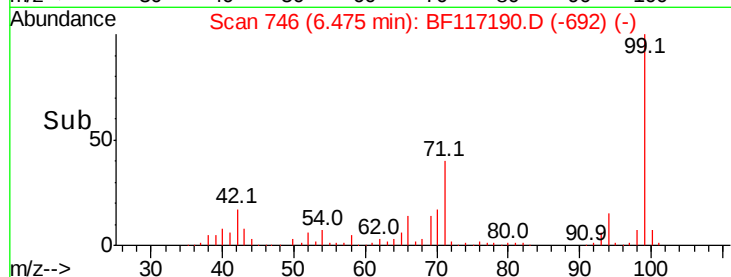
99 100

42 17.4 12.2 18.2

71 40.2 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: 43.693 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

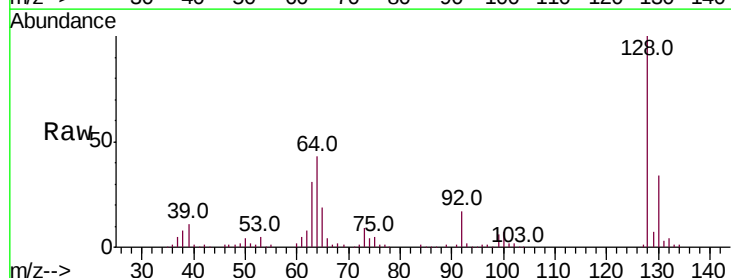
Tgt Ion: 128 Resp: 130941

Ion Ratio Lower Upper

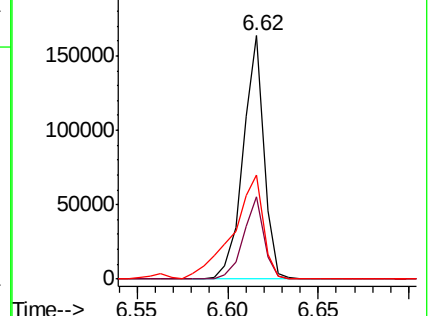
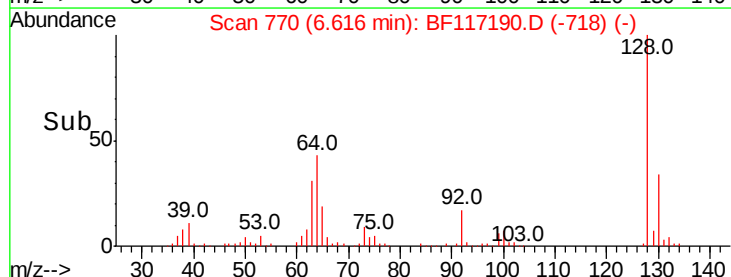
128 100

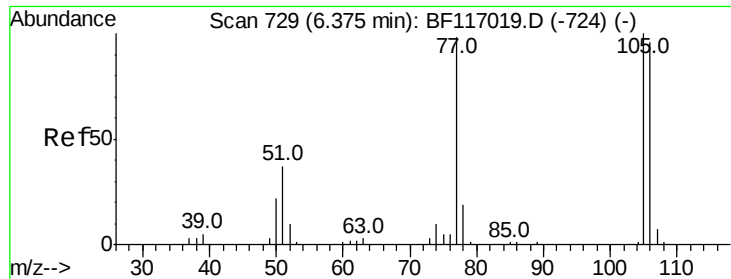
130 34.0 11.8 51.8

64 43.0 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: 54.975 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

ClientSampleId :

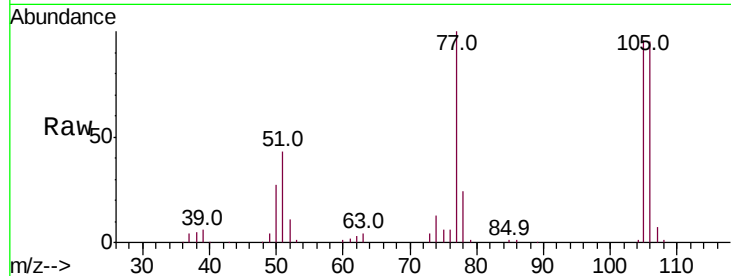
Tot Ion: 77 Resp: 92276

Ion Ratio Lower Upper

77 100

105 96.1 81.8 121.8

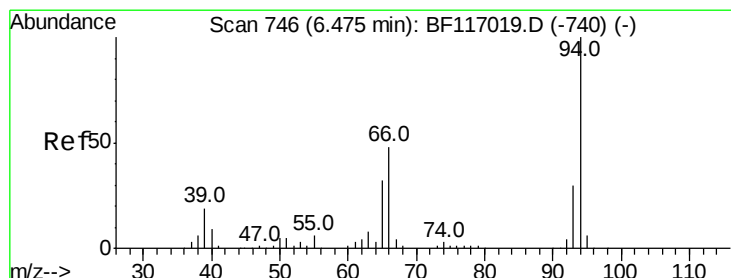
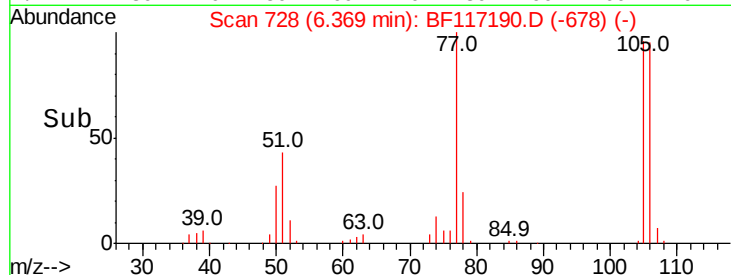
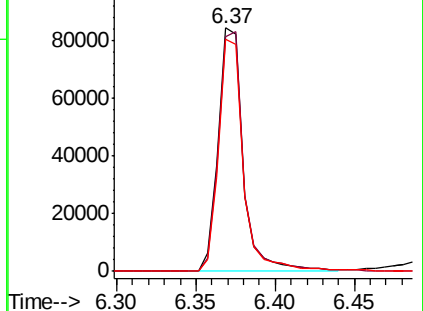
106 95.3 77.3 117.3



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: 41.562 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

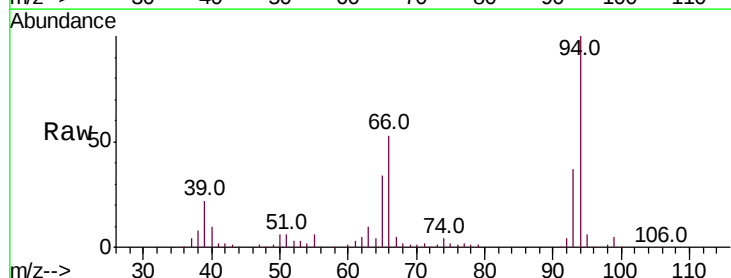
Tgt Ion: 94 Resp: 164492

Ion Ratio Lower Upper

94 100

65 34.1 12.5 52.5

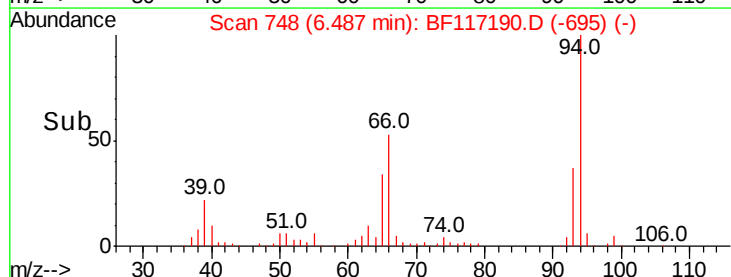
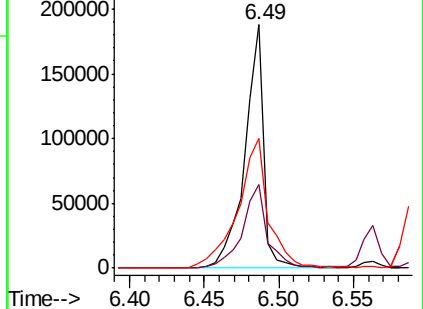
66 53.1 28.9 68.9

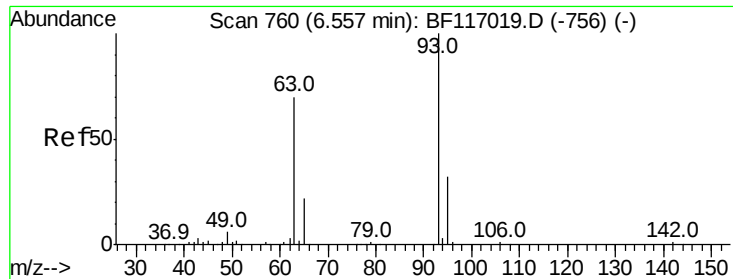


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

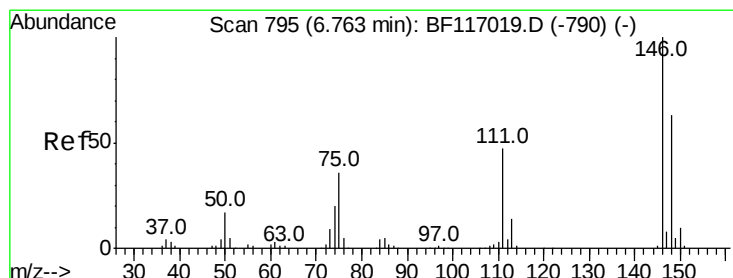
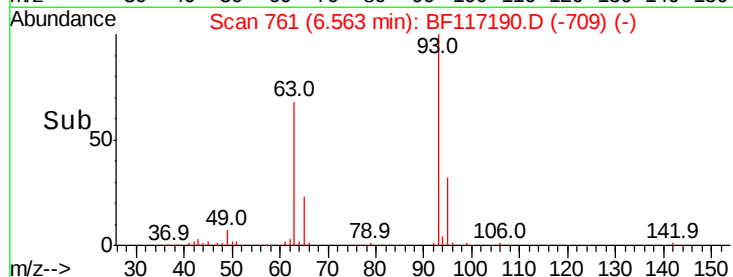
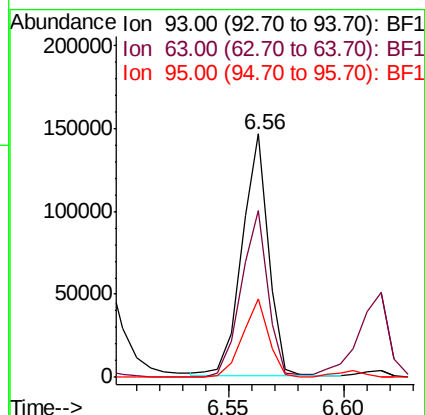
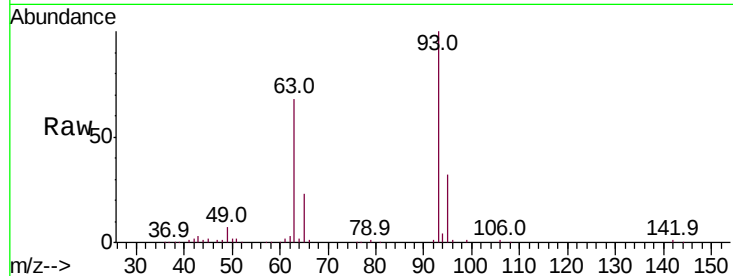




#11
bis(2-Chloroethyl)ether
Concen: 39.991 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

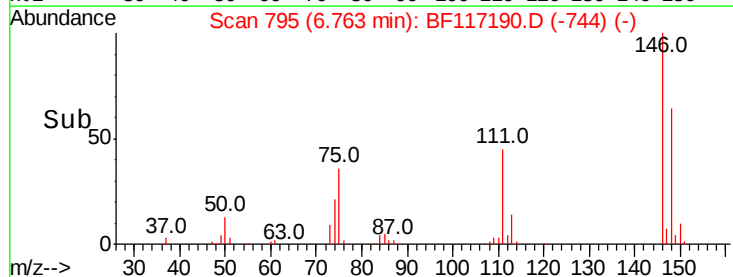
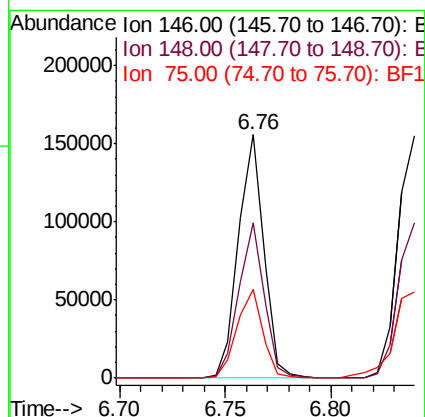
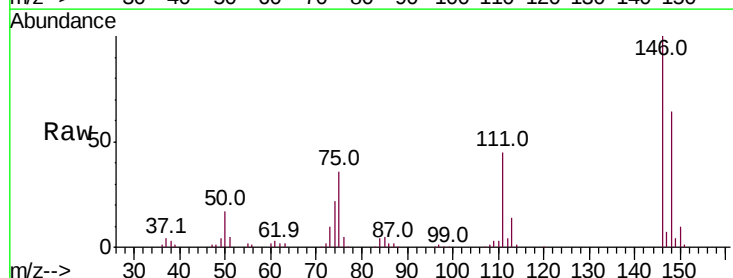
Instrument :
BNA_F
ClientSampleId :

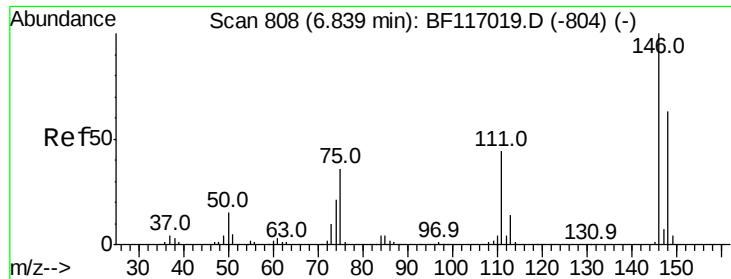
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.4	49.3	89.3
95	32.4	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 38.654 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
75	36.5	28.7	43.1

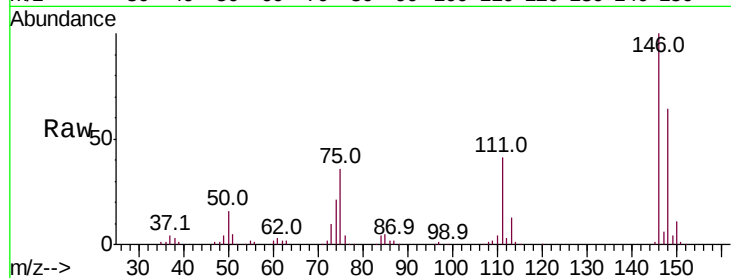




#13
 1,4-Dichlorobenzene
 Concen: 38.689 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	40.8	35.0	52.6

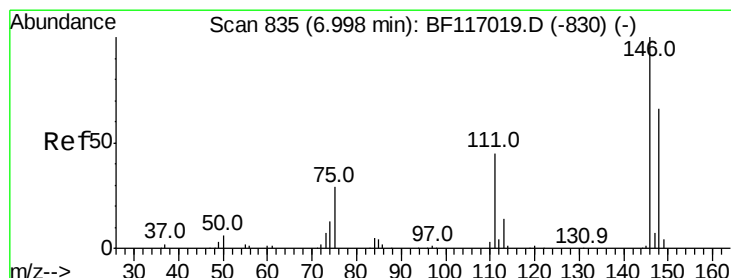
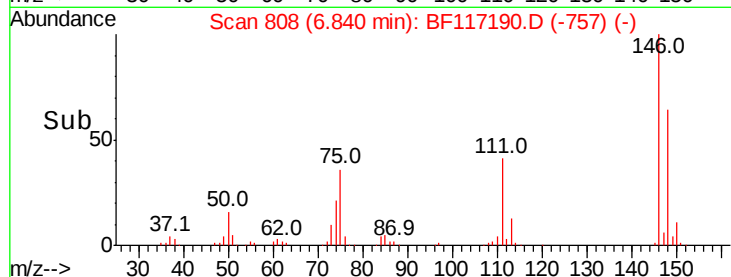
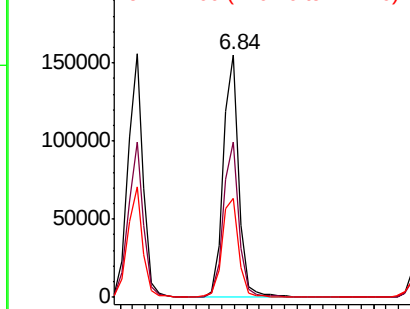


Abundance

Ion 146.00 (145.70 to 146.70): E

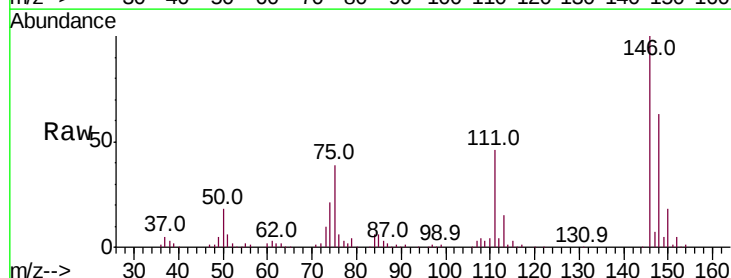
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.062 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.6	78.8
111	46.3	36.2	54.2

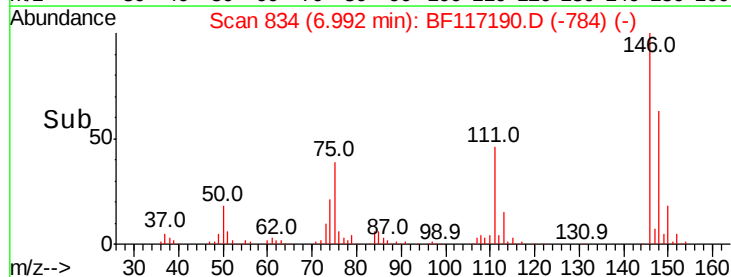
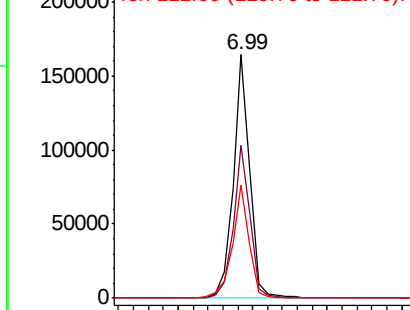


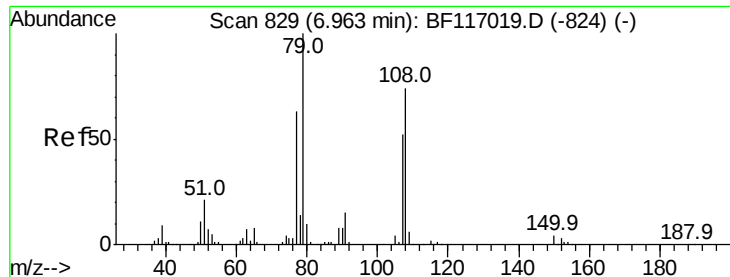
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.113 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

ClientSampleId :

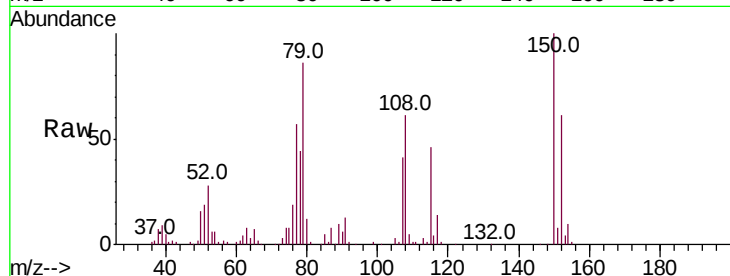
Tot Ion: 79 Resp: 126952

Ion Ratio Lower Upper

79 100

108 71.6 59.4 89.0

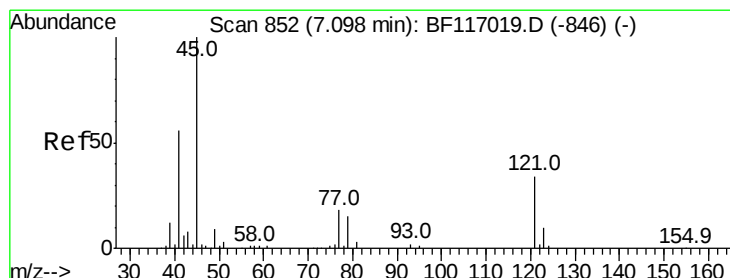
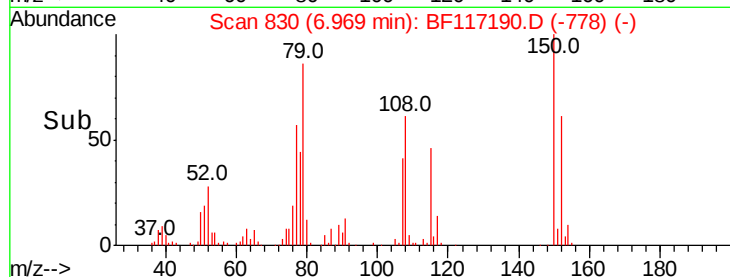
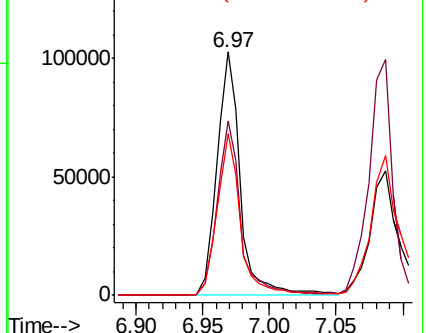
77 66.3 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.476 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

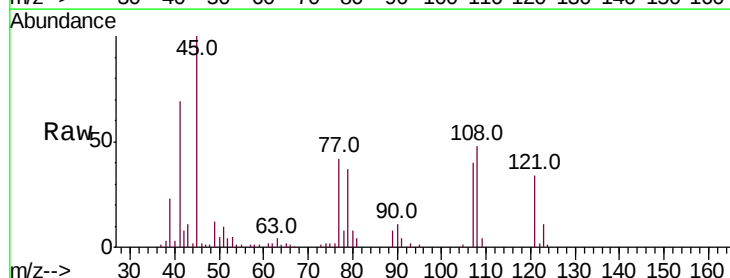
Tgt Ion: 45 Resp: 113447

Ion Ratio Lower Upper

45 100

77 41.6 2.7 42.7

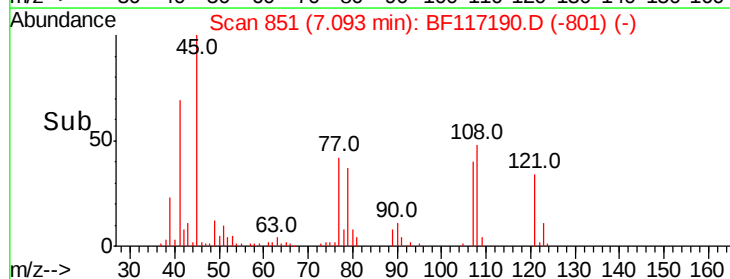
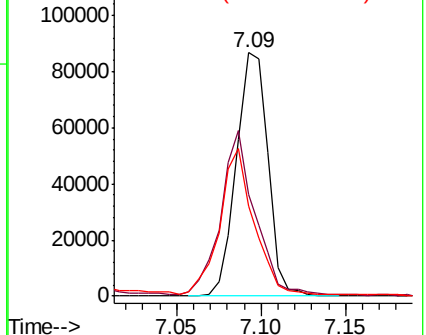
79 36.8 0.0 38.9

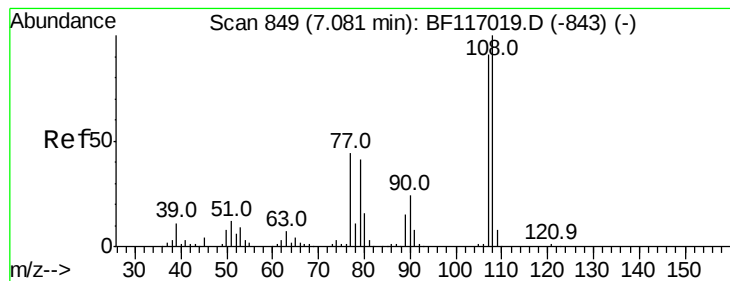


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

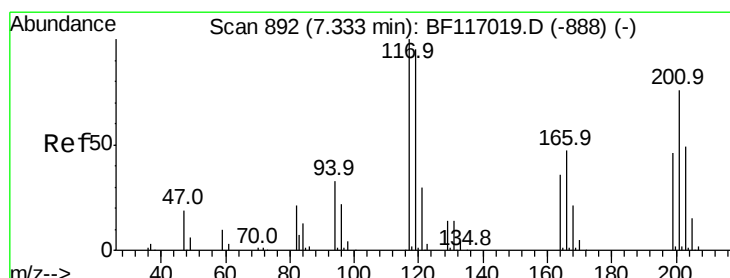
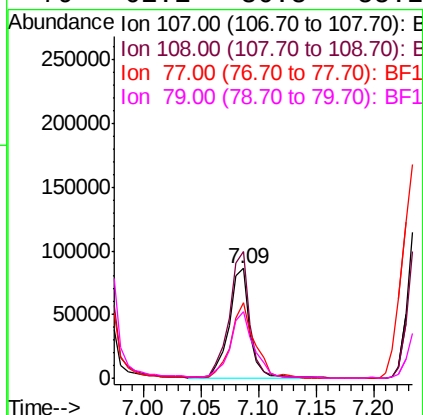
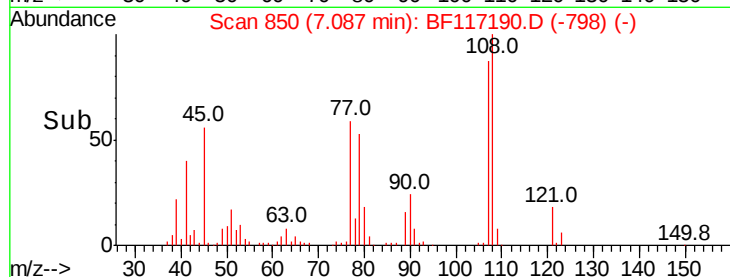
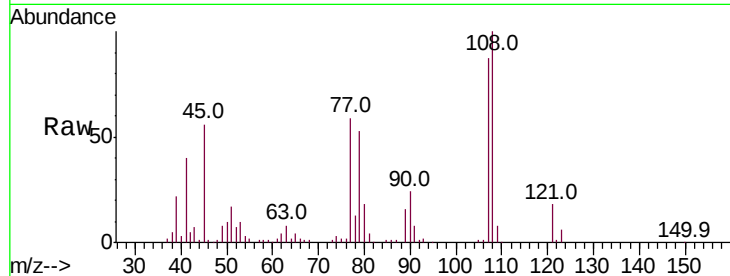




#17
2-Methylphenol
Concen: 42.912 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

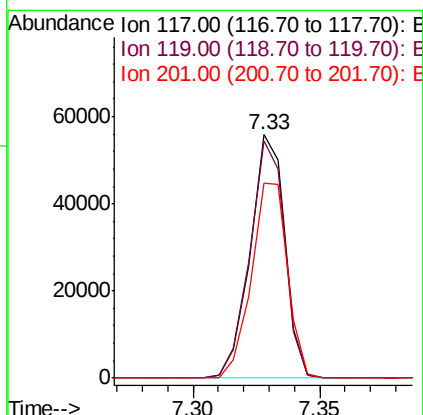
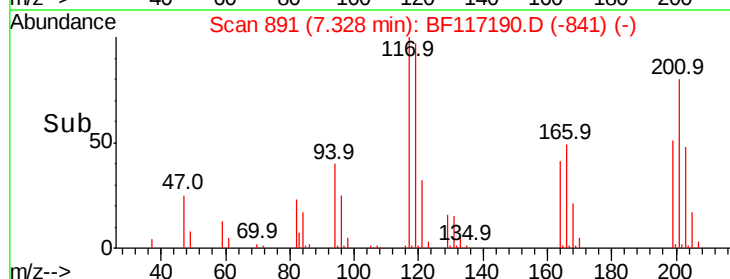
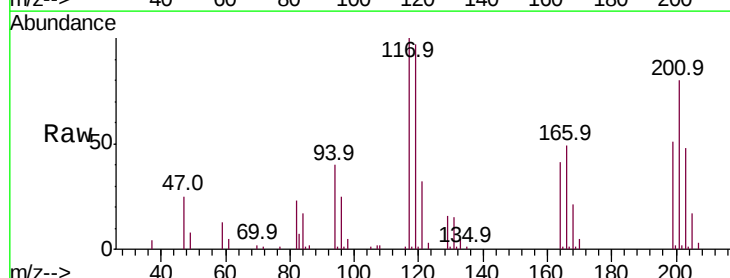
Instrument :
BNA_F
ClientSampleId :

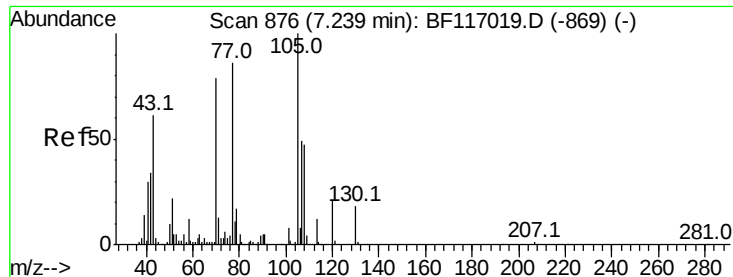
Tot Ion:107 Resp: 107779
Ion Ratio Lower Upper
107 100
108 115.4 87.7 131.5
77 68.5 38.6 58.0#
79 61.1 36.8 55.2#



#18
Hexachloroethane
Concen: 40.379 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:117 Resp: 53309
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
201 79.8 60.9 91.3

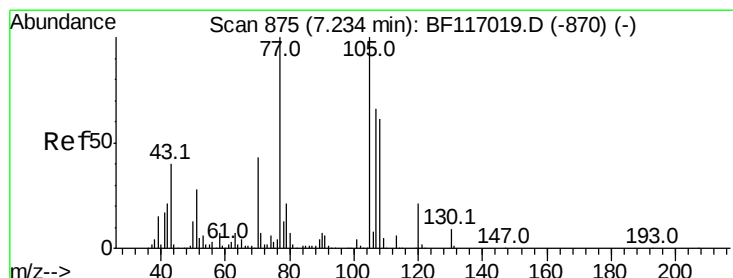
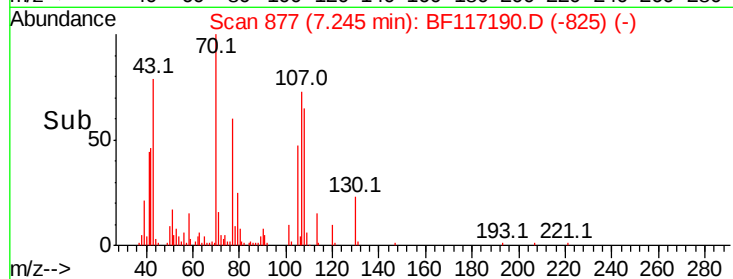
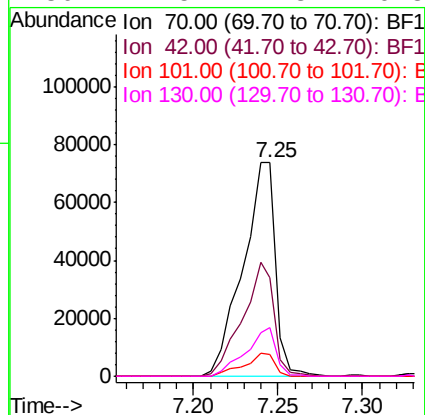
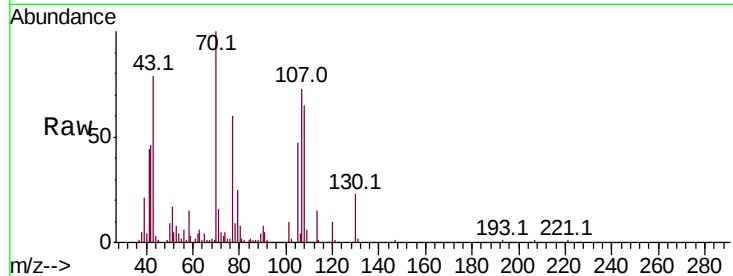




#19
n-Nitroso-di-n-propylamine
Concen: 45.696 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

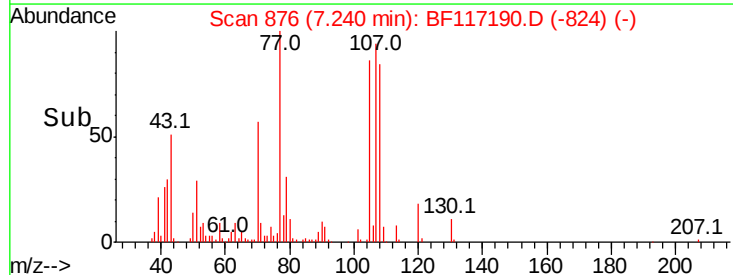
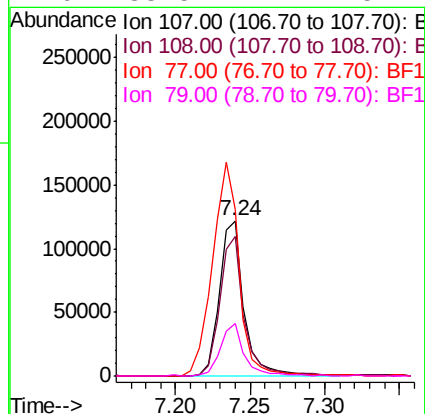
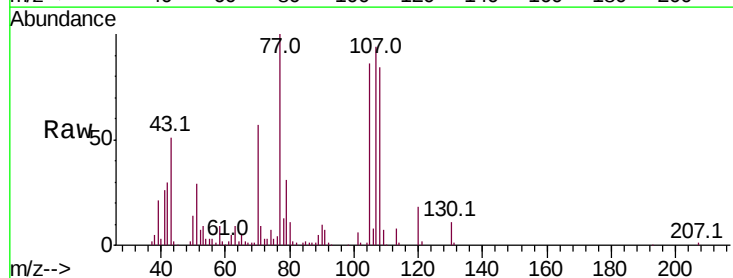
Instrument :
BNA_F
ClientSampleId :

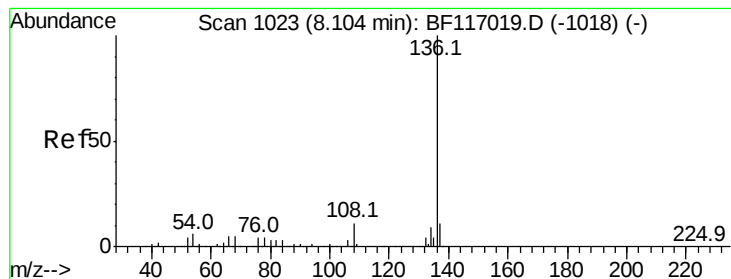
Tot Ion: 70 Resp: 99894
Ion Ratio Lower Upper
70 100
42 45.9 34.0 51.0
101 10.5 7.8 11.6
130 22.5 17.8 26.8



#20
3+4-Methylphenols
Concen: 45.294 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion: 107 Resp: 141702
Ion Ratio Lower Upper
107 100
108 90.1 72.6 112.6
77 106.9 132.1 172.1#
79 33.5 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: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 180020

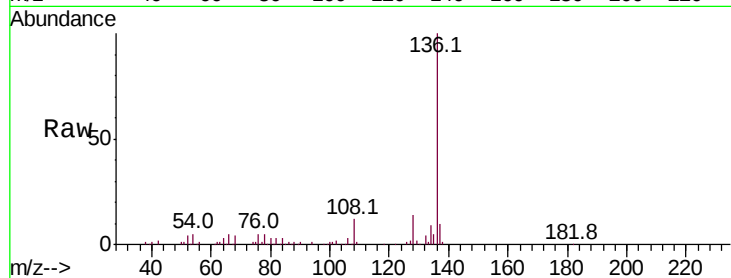
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 5.0 4.5 6.7

68 4.4 4.0 6.0

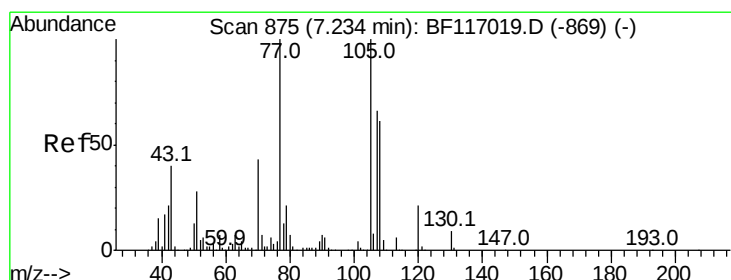
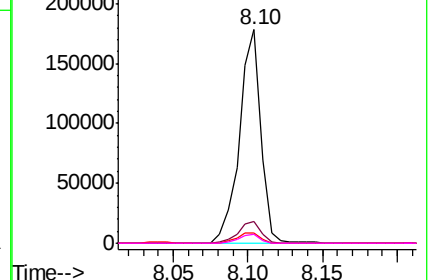
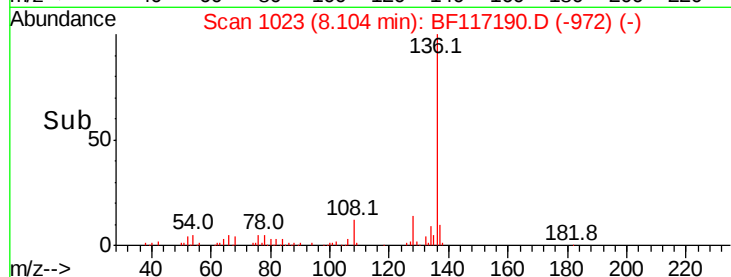


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.285 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Tgt Ion:105 Resp: 197977

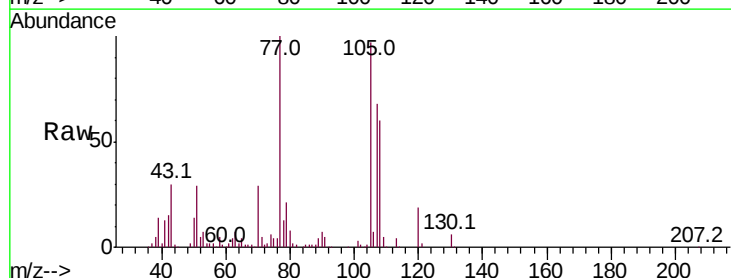
Ion Ratio Lower Upper

105 100

71 5.2 5.7 8.5#

51 30.3 22.1 33.1

120 19.3 17.1 25.7

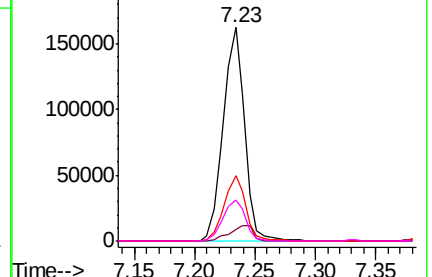
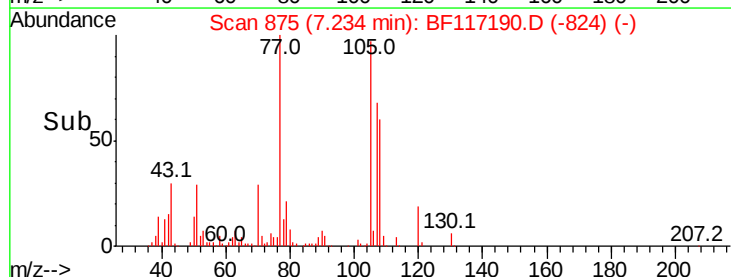


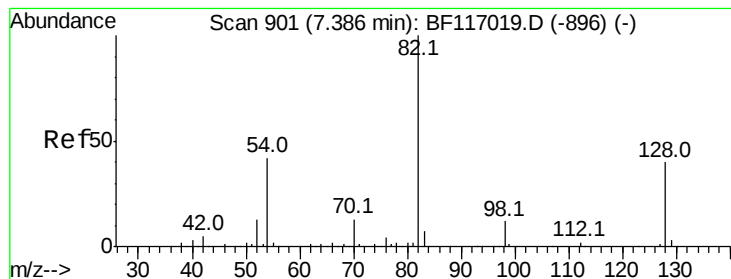
Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.091 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :

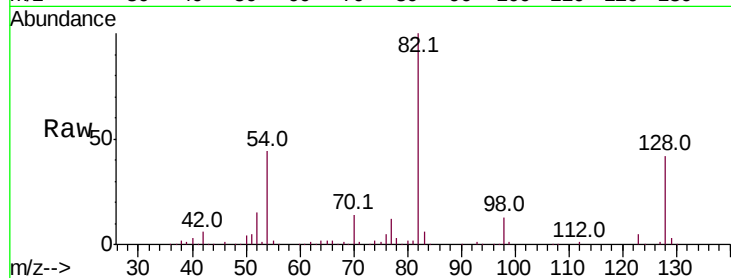
Tot Ion: 82 Resp: 329225

Ion Ratio Lower Upper

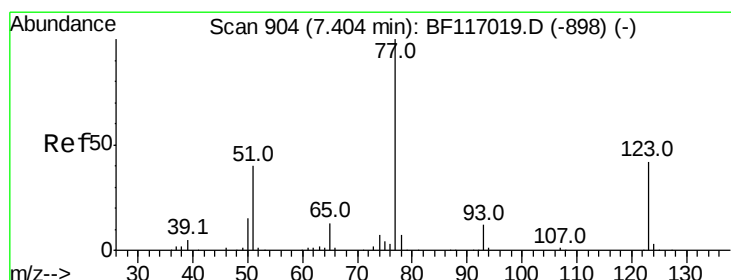
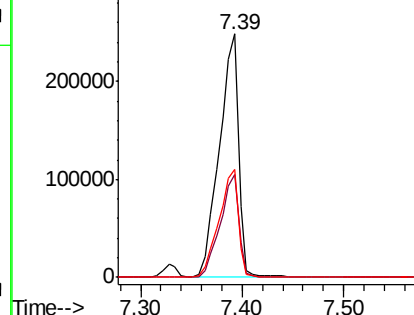
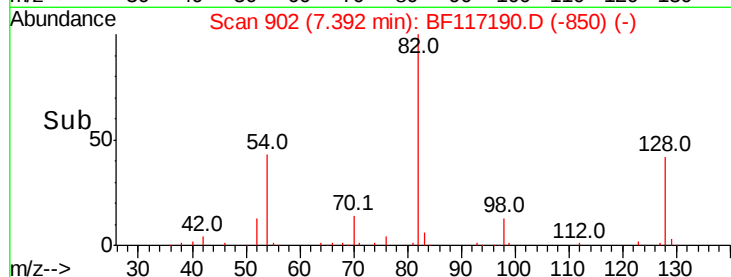
82 100

128 42.1 32.3 48.5

54 44.1 33.3 49.9



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



#24

Nitrobenzene

Concen: 43.668 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

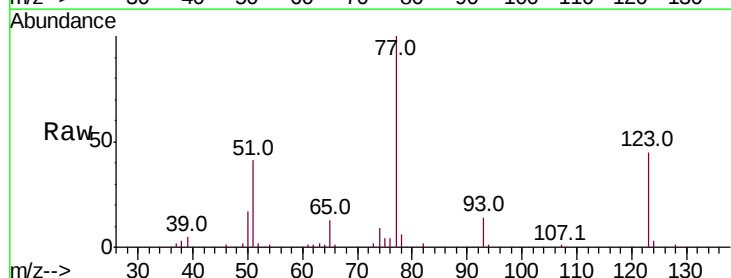
Tgt Ion: 77 Resp: 147751

Ion Ratio Lower Upper

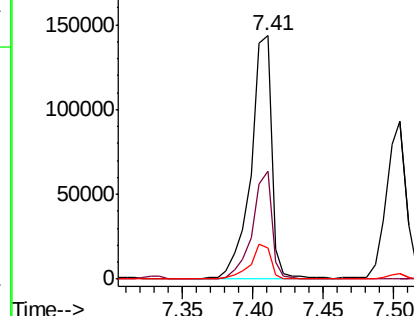
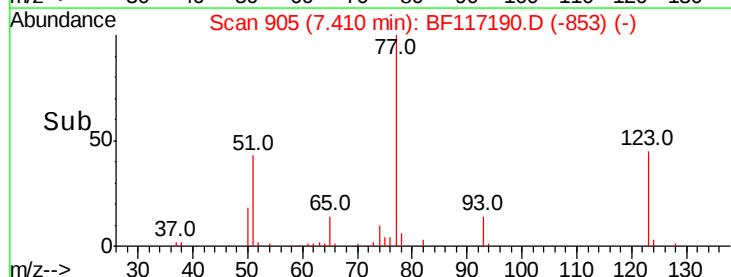
77 100

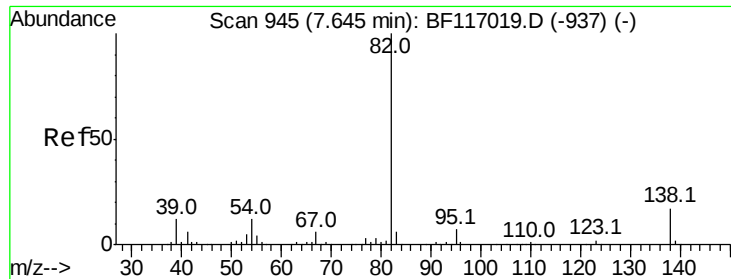
123 44.5 33.5 50.3

65 12.8 10.5 15.7



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





#25

Isophorone

Concen: 44.568 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

ClientSampled :

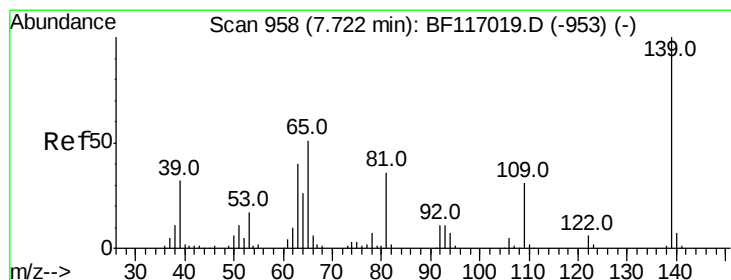
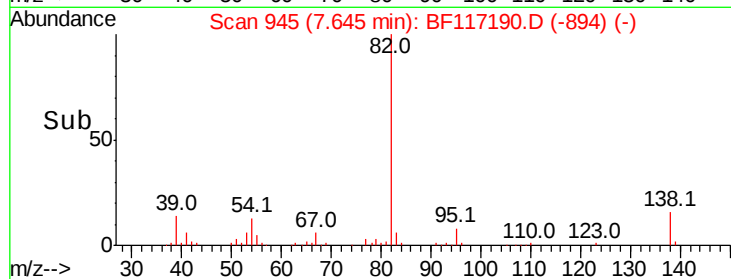
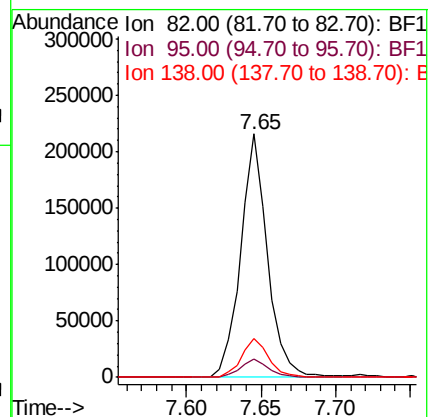
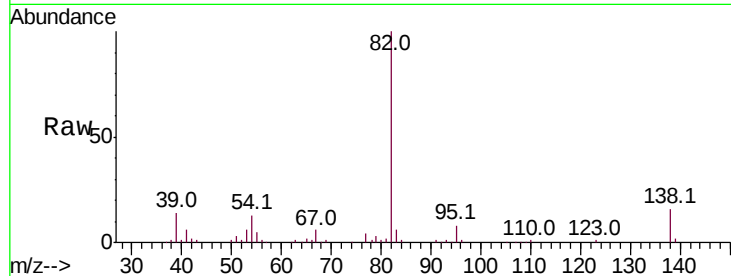
Tot Ion: 82 Resp: 270365

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 16.2 13.5 20.3



#26

2-Nitrophenol

Concen: 46.087 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

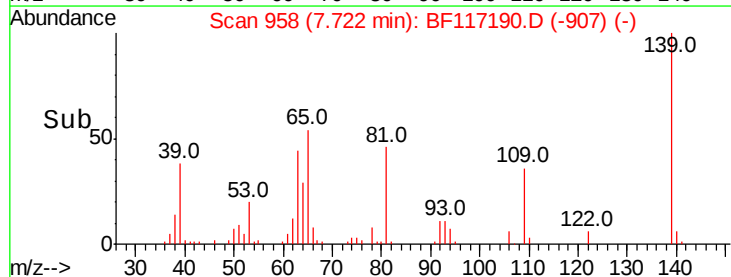
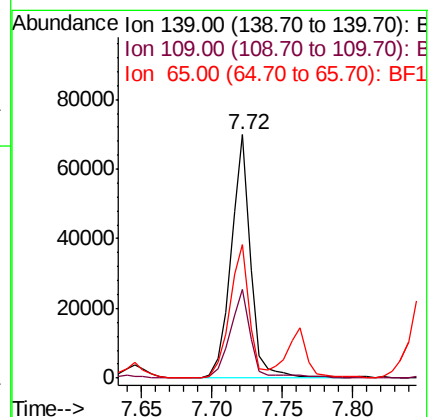
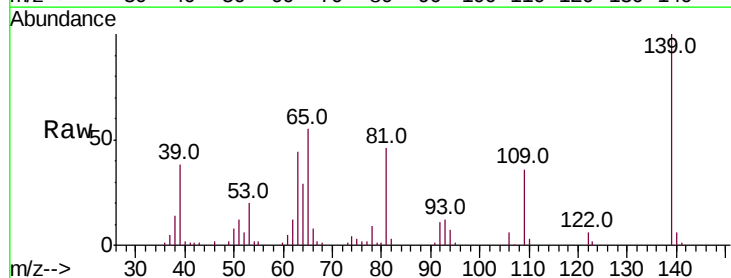
Tgt Ion: 139 Resp: 66980

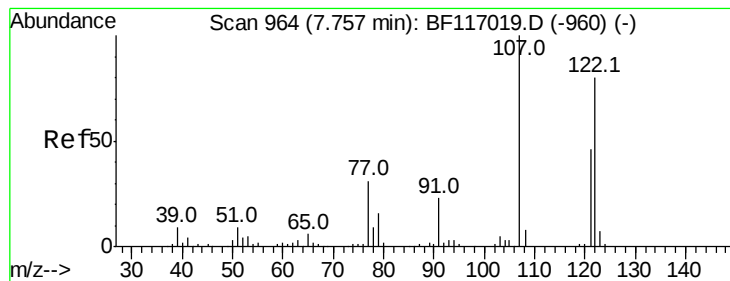
Ion Ratio Lower Upper

139 100

109 36.3 24.6 36.8

65 54.8 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 49.586 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

ClientSampleId :

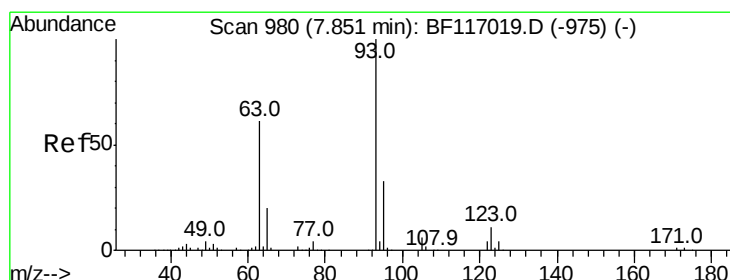
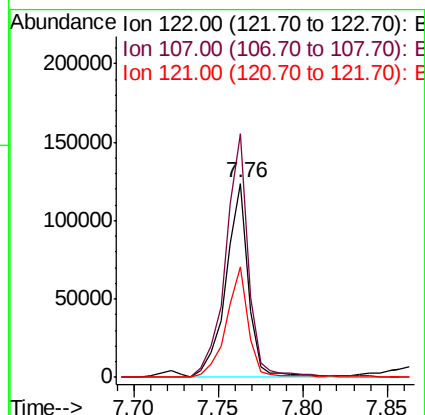
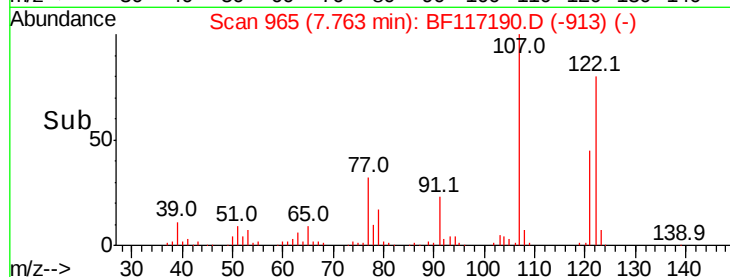
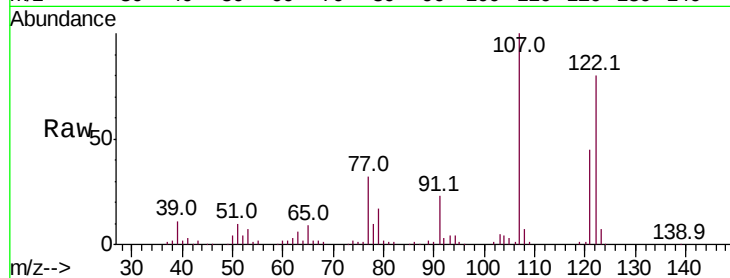
Tot Ion:122 Resp: 114279

Ion Ratio Lower Upper

122 100

107 125.4 98.9 148.3

121 56.9 45.3 67.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.443 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

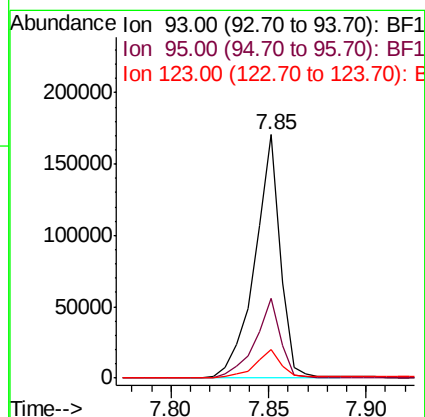
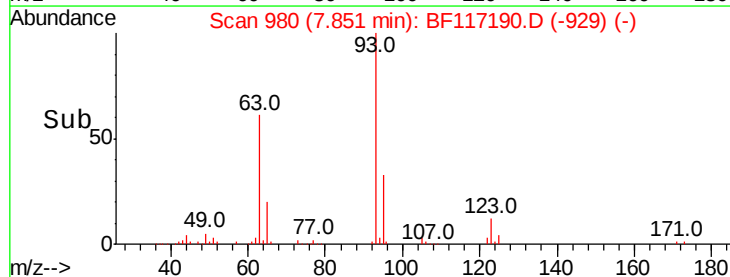
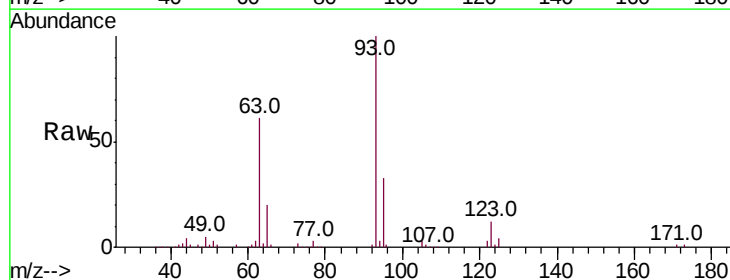
Tgt Ion: 93 Resp: 154893

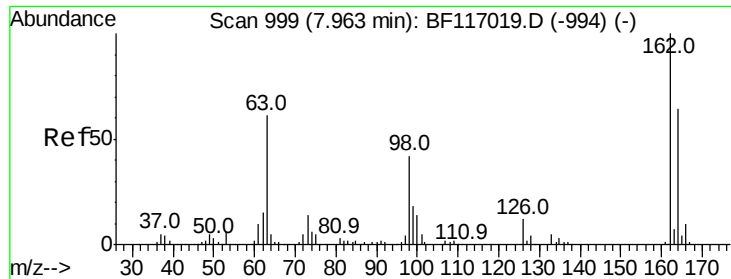
Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

123 11.9 9.0 13.6

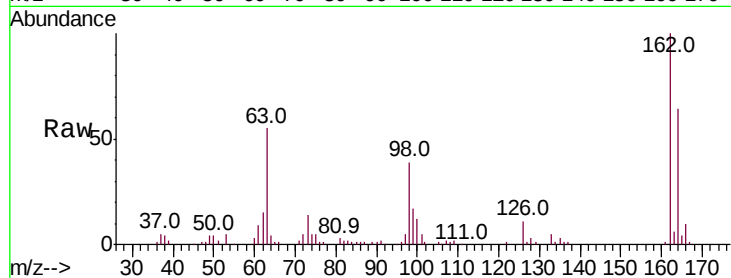




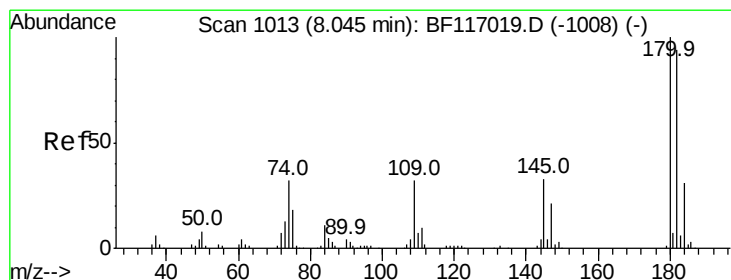
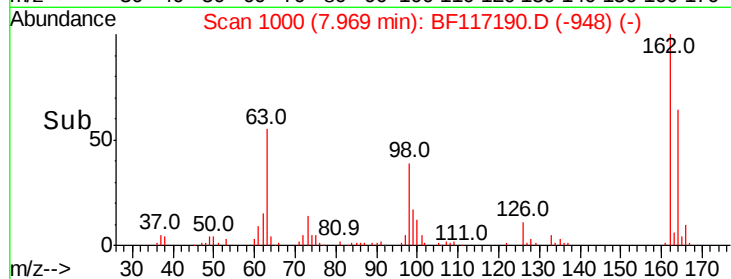
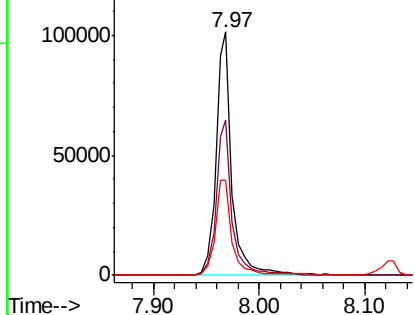
#29
 2,4-Dichlorophenol
 Concen: 44.687 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.8	83.8
98	38.9	22.1	62.1

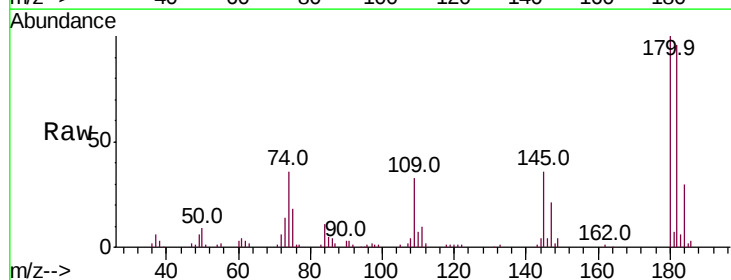


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

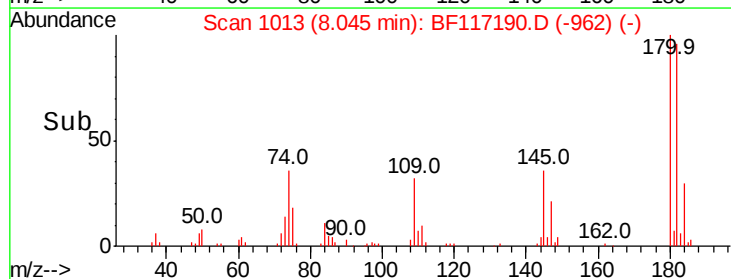
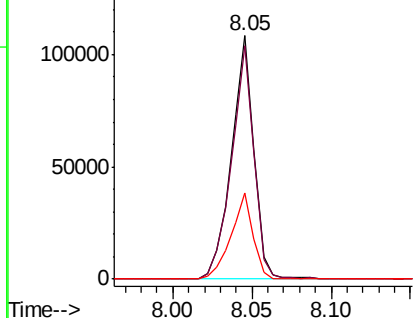


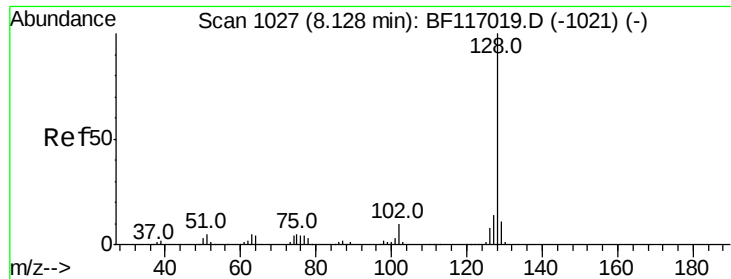
#30
 1,2,4-Trichlorobenzene
 Concen: 40.826 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.4	113.0
145	35.5	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

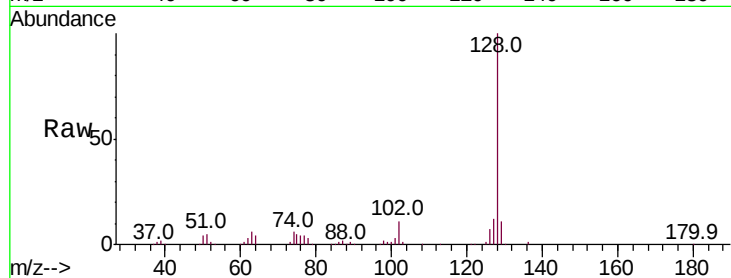




#31
Naphthalene
Concen: 43.432 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	12.5	10.8	16.2

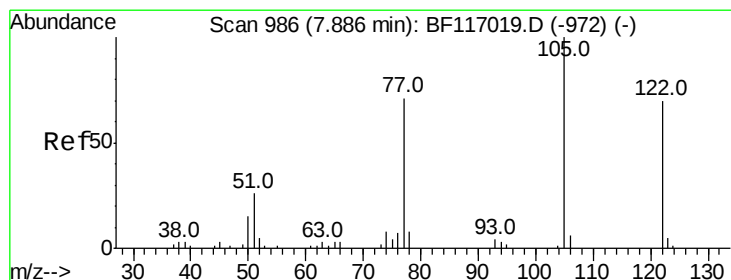
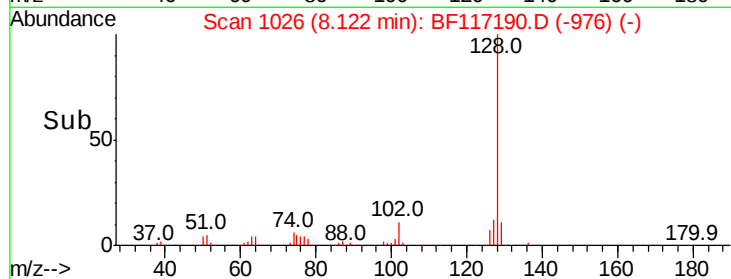
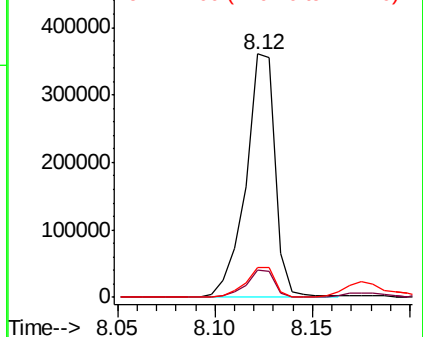


Abundance

Ion 128.00 (127.70 to 128.70): E

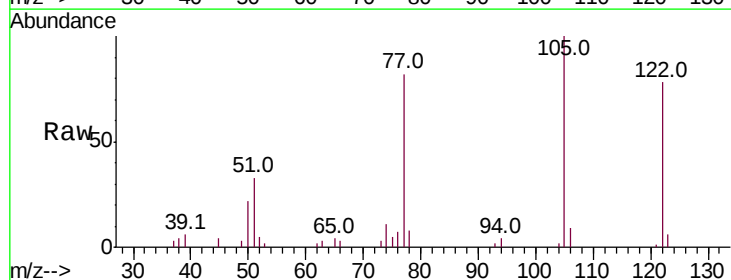
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.698 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.9	114.8	154.8
77	105.2	78.7	118.7

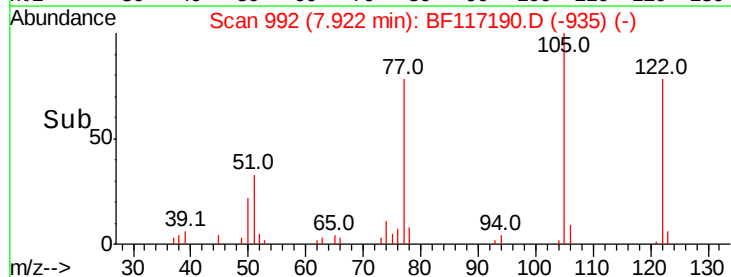
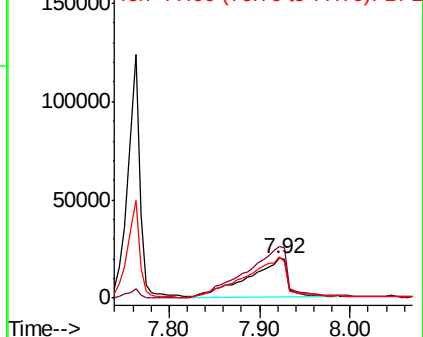


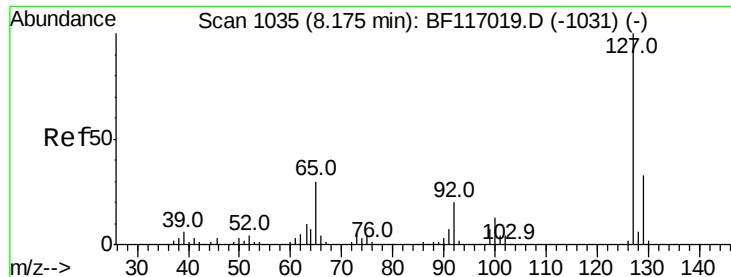
Abundance

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

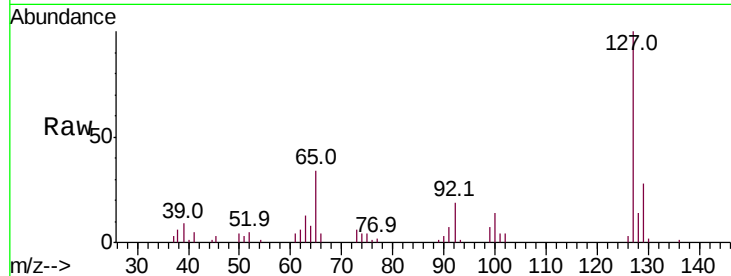




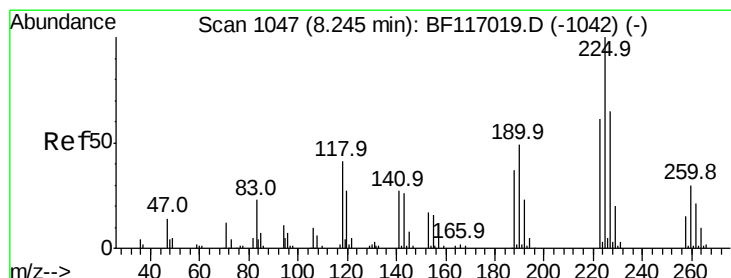
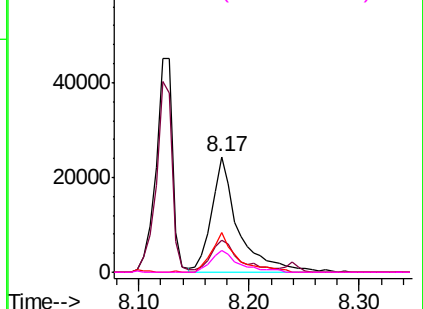
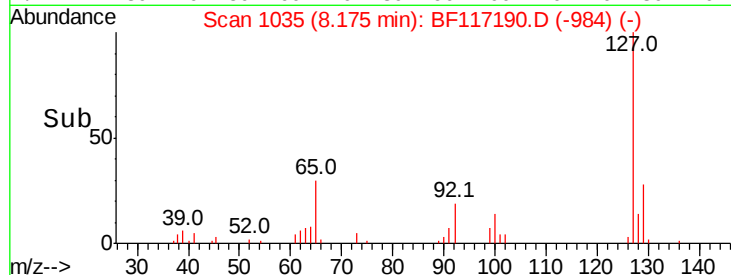
#33
4-Chloroaniline
Concen: 10.629 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	40815
Ion	Ratio	Lower Upper
127	100	
129	28.3	26.2 39.2
65	34.1	23.5 35.3
92	18.9	15.9 23.9

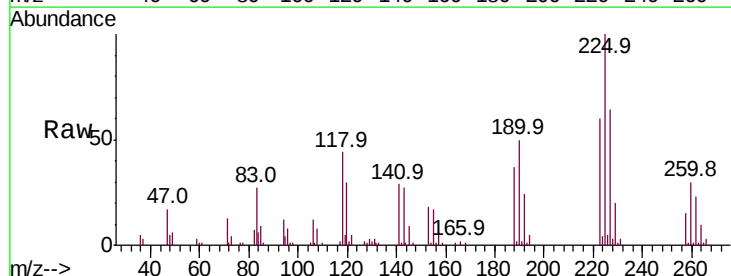


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

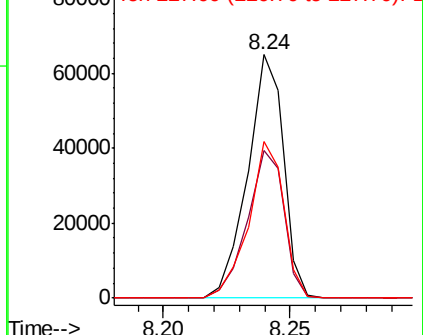
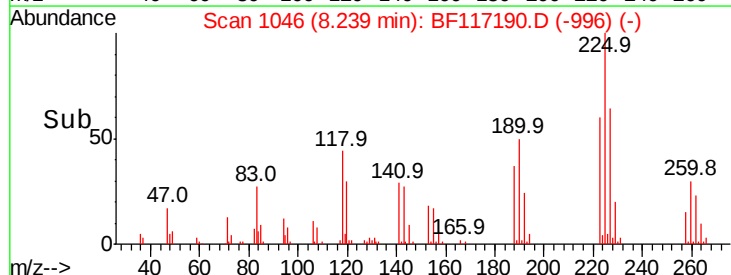


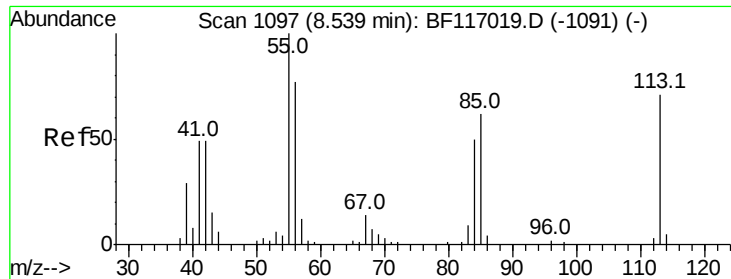
#34
Hexachlorobutadiene
Concen: 43.347 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:225	Resp:	64162
Ion	Ratio	Lower Upper
225	100	
223	60.5	49.1 73.7
227	64.1	52.2 78.2



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

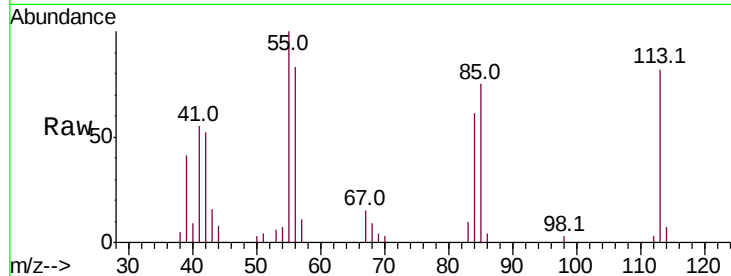




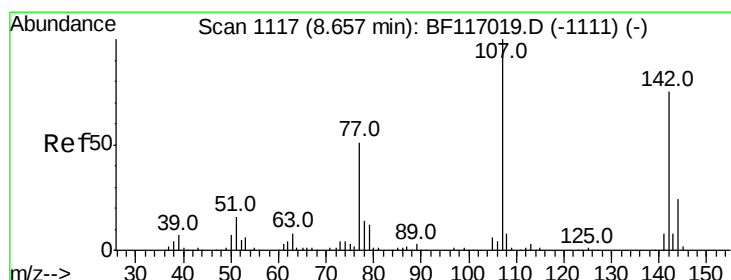
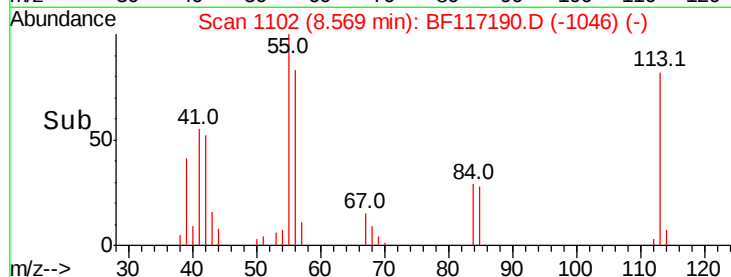
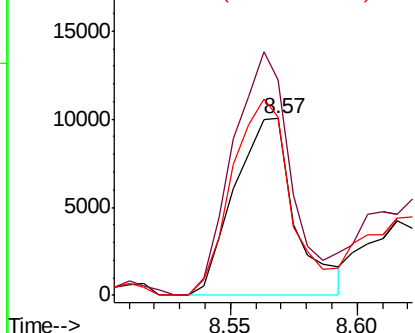
#35
Caprolactam
Concen: 20.522 ng
RT: 8.57 min Scan# 1102
Delta R.T. 0.03 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 16774
Ion Ratio Lower Upper
113 100
55 121.4 120.6 160.6
56 100.9 88.8 128.8

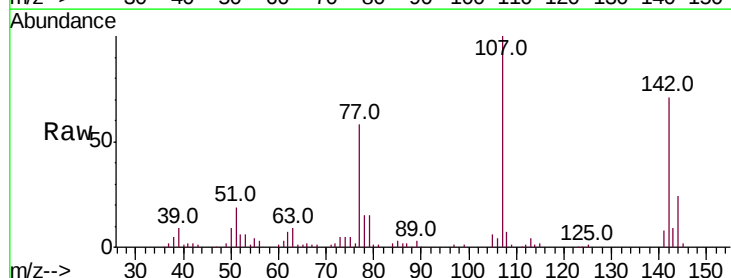


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

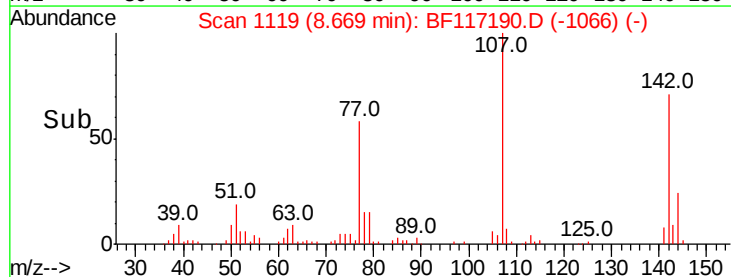
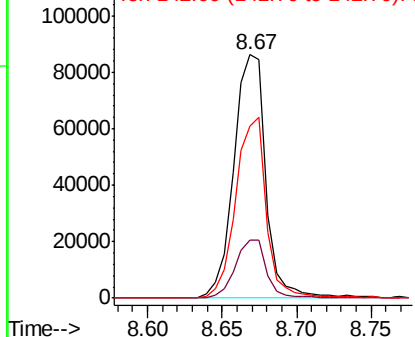


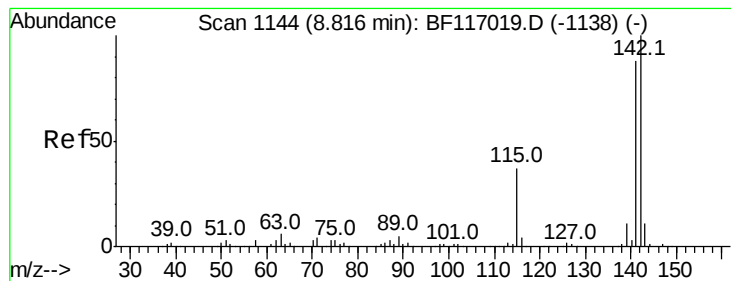
#36
4-Chloro-3-methylphenol
Concen: 45.798 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:107 Resp: 128957
Ion Ratio Lower Upper
107 100
144 23.8 19.2 28.8
142 70.7 59.6 89.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

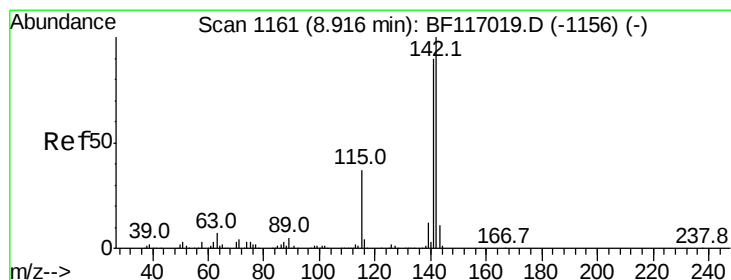
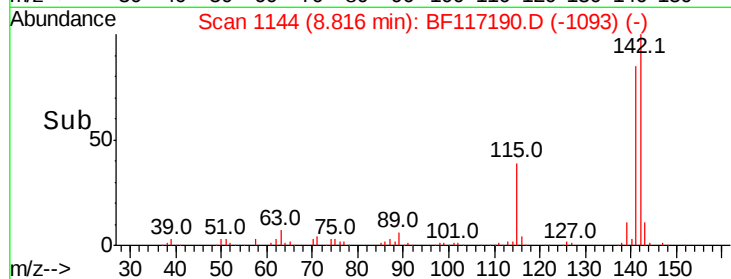
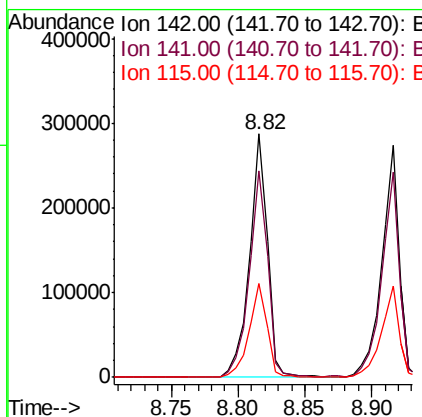
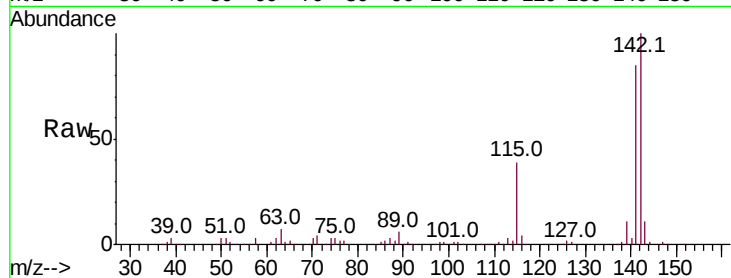




#37
 2-Methylnaphthalene
 Concen: 45.366 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

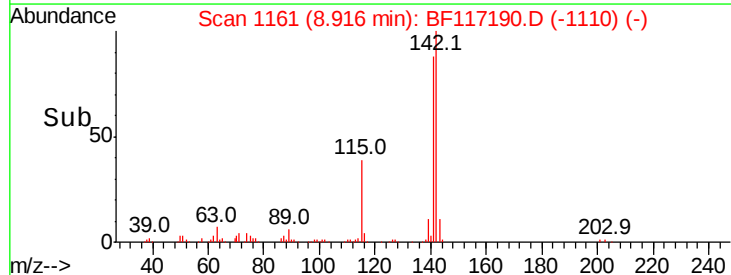
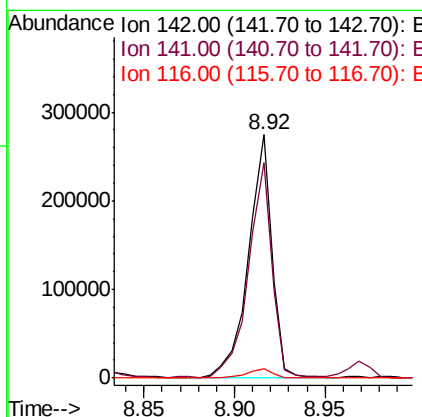
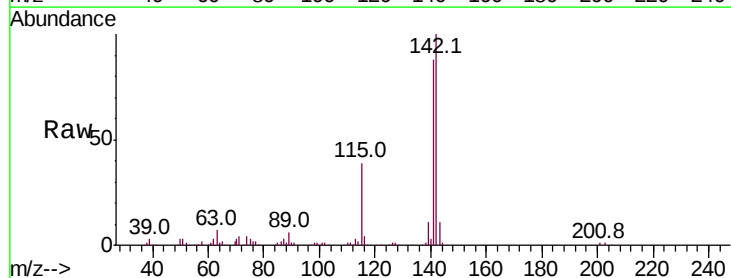
Instrument :
 BNA_F
 ClientSampleId :

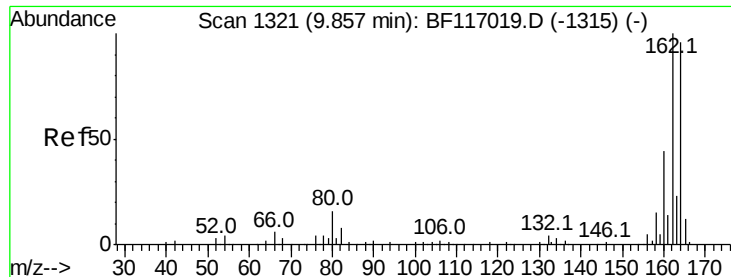
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.6	70.7	106.1
115	38.7	29.4	44.0



#38
 1-Methylnaphthalene
 Concen: 44.871 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
116	4.0	3.2	4.8

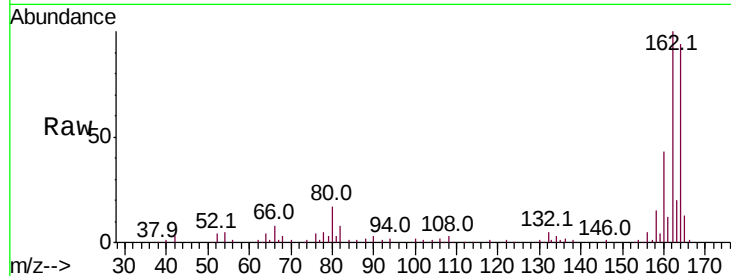




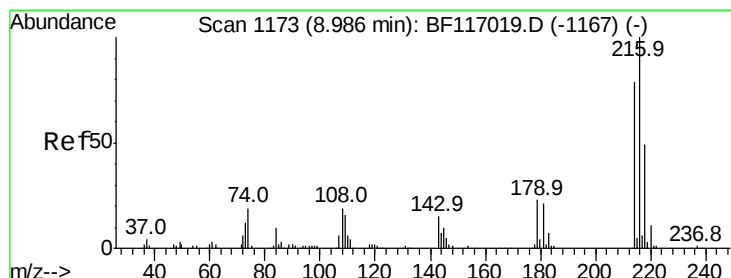
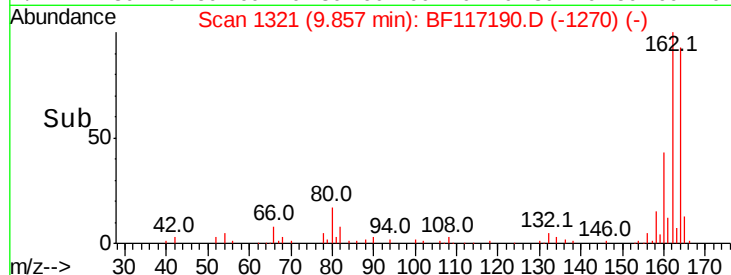
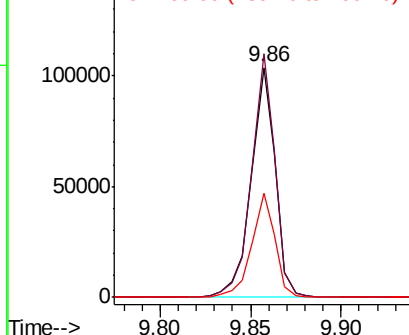
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 95673
Ion Ratio Lower Upper
164 100
162 106.0 83.4 125.2
160 45.4 36.4 54.6

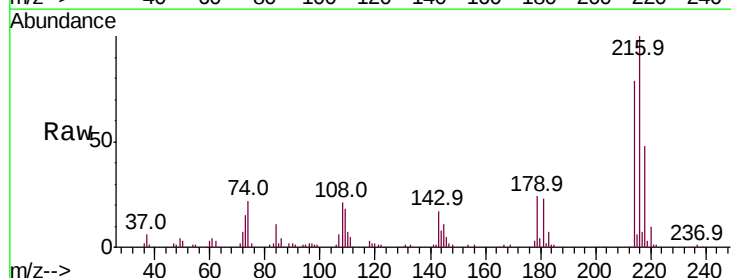


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

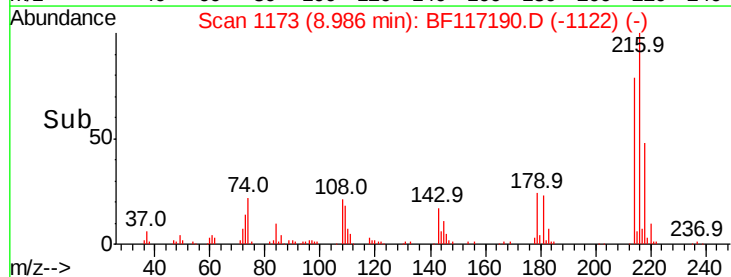
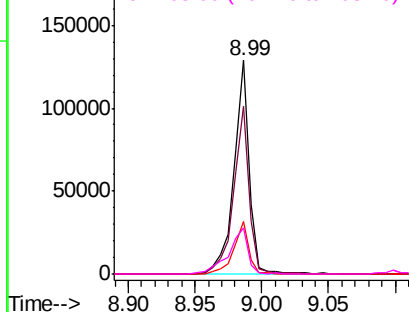


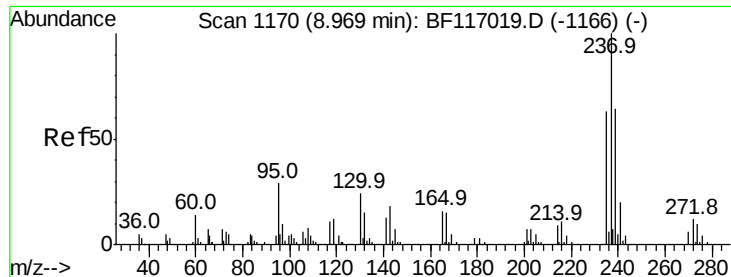
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.511 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:216 Resp: 105025
Ion Ratio Lower Upper
216 100
214 79.7 63.6 95.4
179 23.8 18.3 27.5
108 26.9 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: 104.165 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

ClientSampleId :

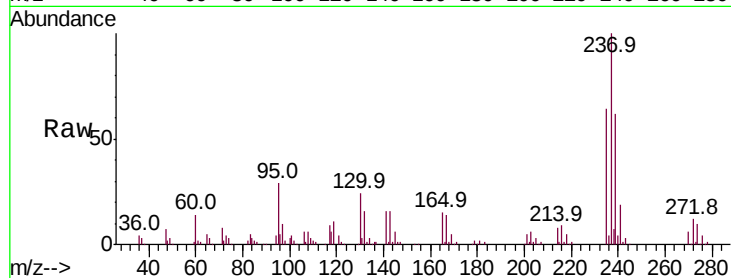
Tot Ion:237 Resp: 116622

Ion Ratio Lower Upper

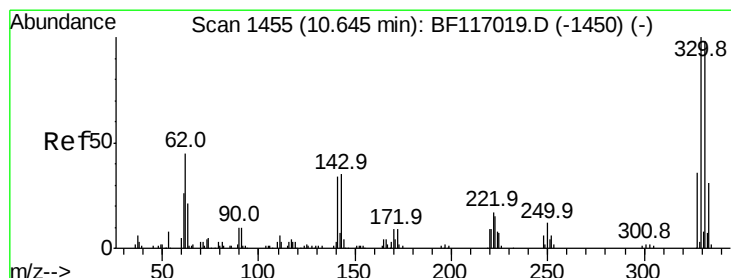
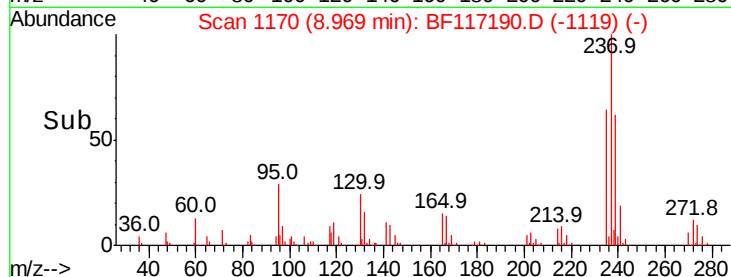
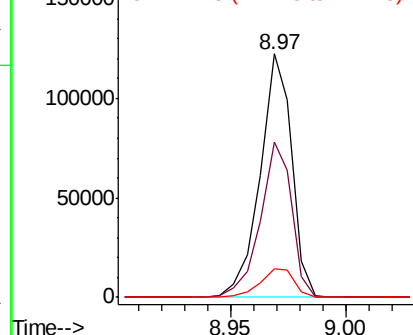
237 100

235 63.7 43.2 83.2

272 11.7 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: 167.010 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

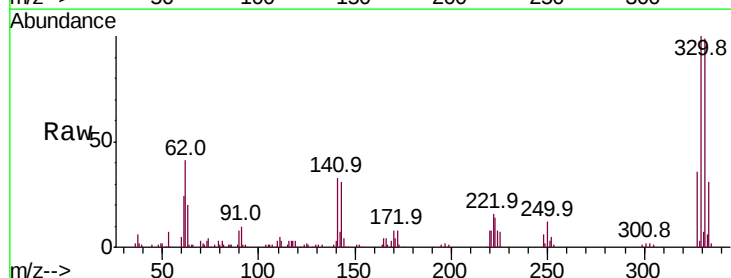
Tgt Ion:330 Resp: 133542

Ion Ratio Lower Upper

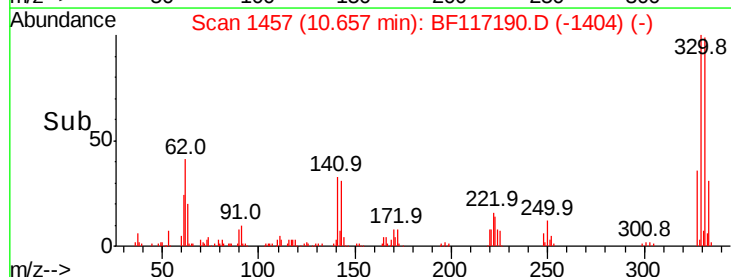
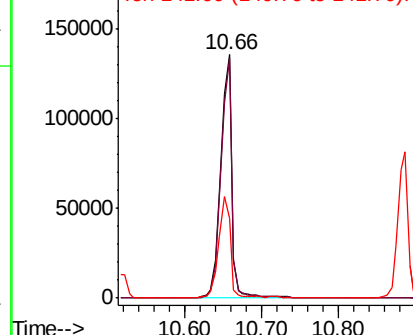
330 100

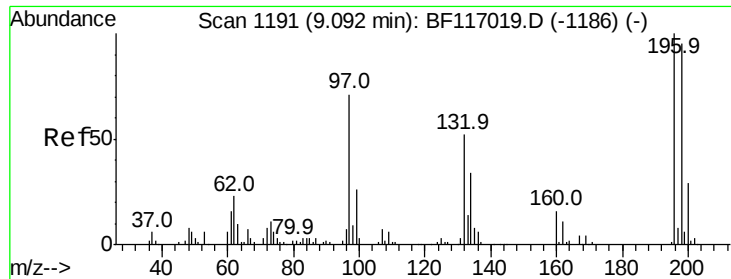
332 96.0 78.0 117.0

141 44.0 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

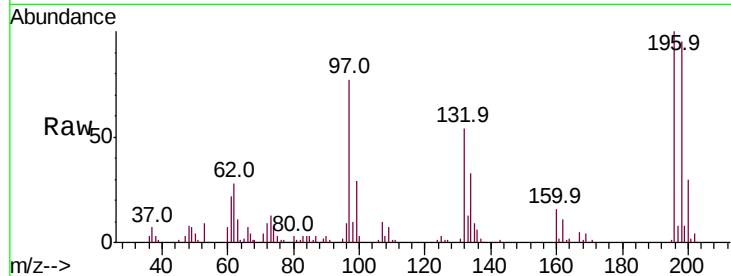




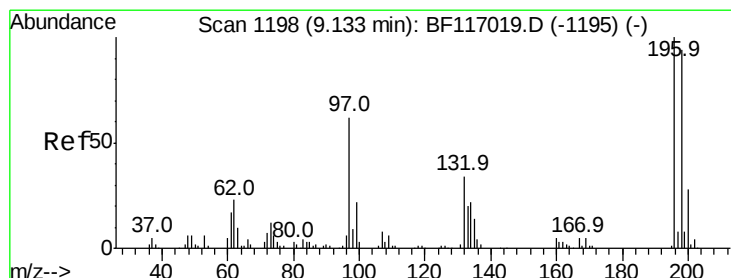
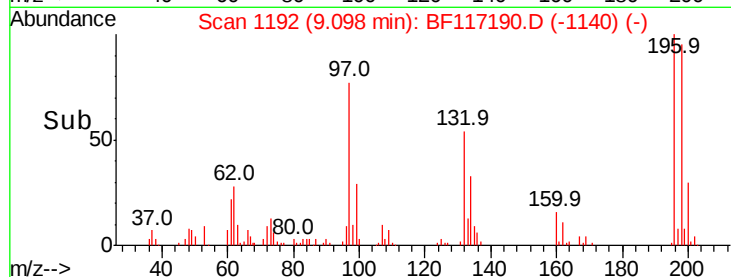
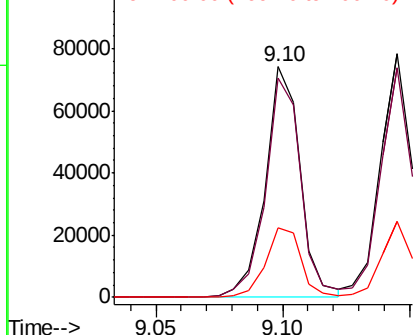
#43
 2,4,6-Trichlorophenol
 Concen: 42.345 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 70994
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.7 113.5
 200 29.9 23.3 34.9



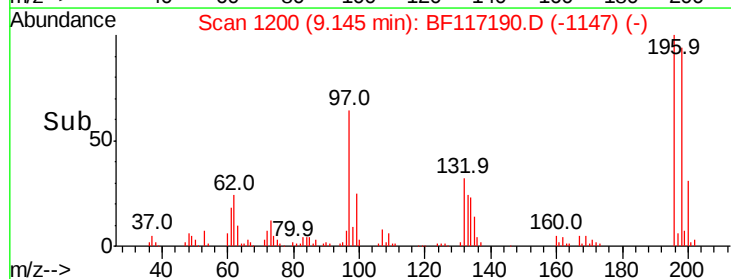
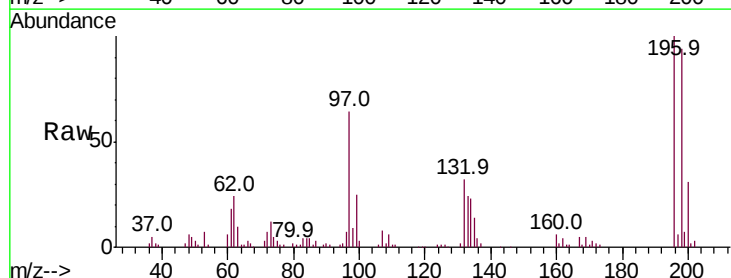
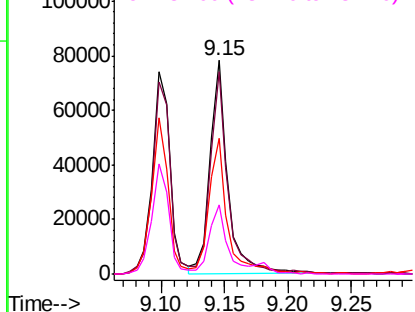
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

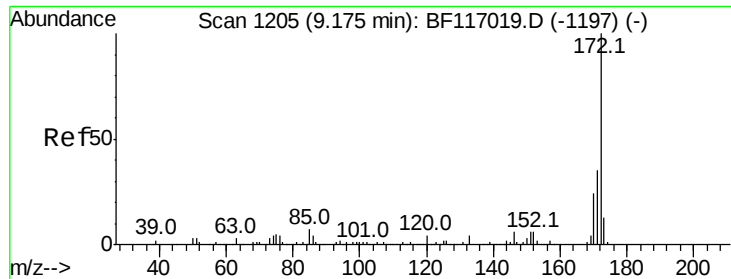


#44
 2,4,5-Trichlorophenol
 Concen: 43.481 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion:196 Resp: 77886
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.6 112.0
 97 63.8 49.5 74.3
 132 32.4 27.4 41.2

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

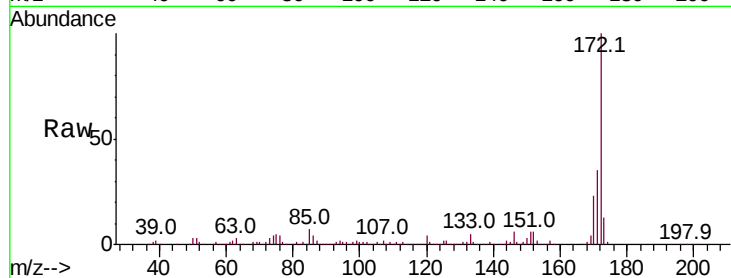




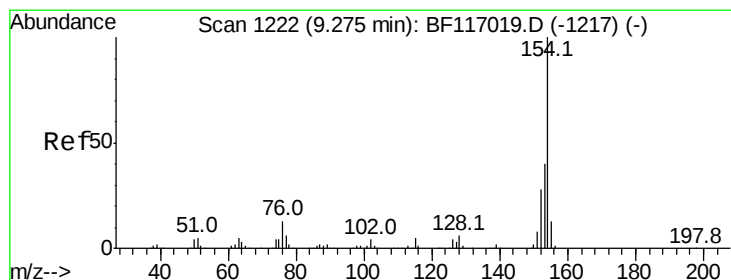
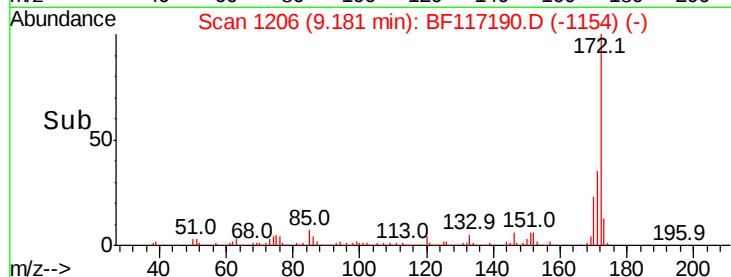
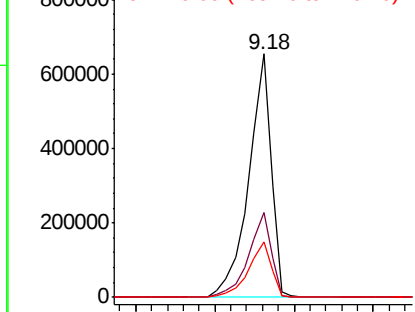
#45
 2-Fluorobiphenyl
 Concen: 105.016 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 642581
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.2 42.2
 170 22.9 18.9 28.3

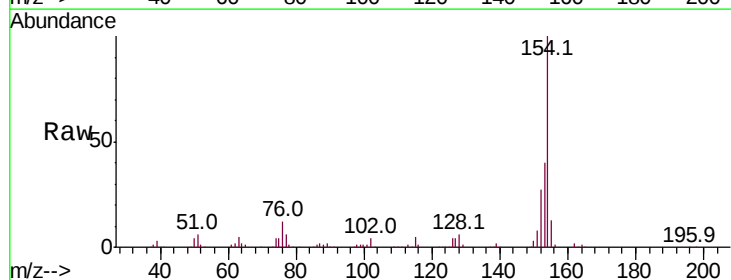


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

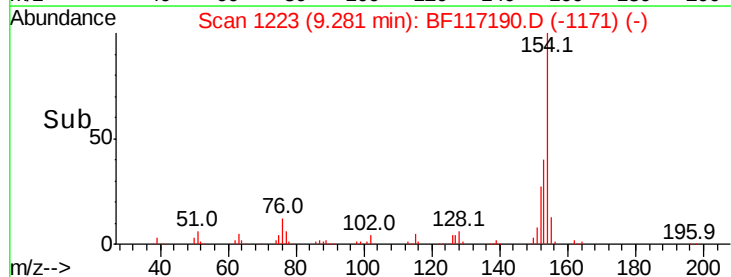
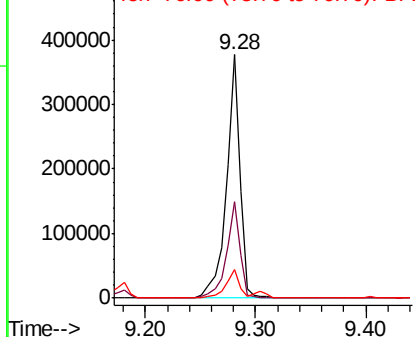


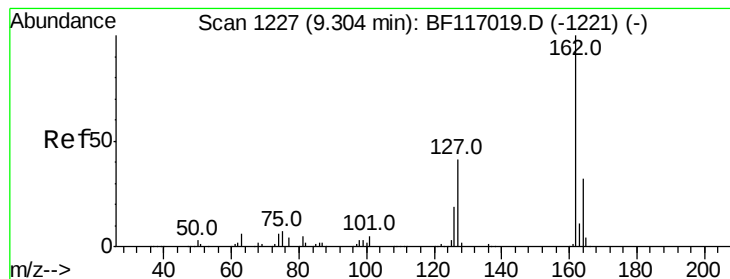
#46
 1,1'-Biphenyl
 Concen: 42.968 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion:154 Resp: 322459
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.0 60.0
 76 11.7 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: 41.830 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

ClientSampleId :

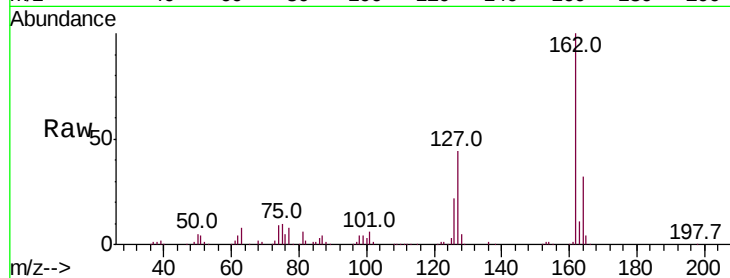
Tot Ion:162 Resp: 247749

Ion Ratio Lower Upper

162 100

127 44.3 34.1 51.1

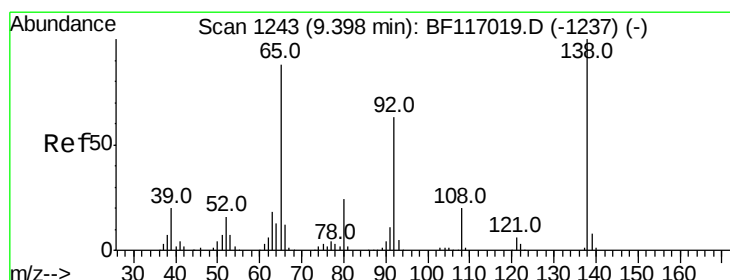
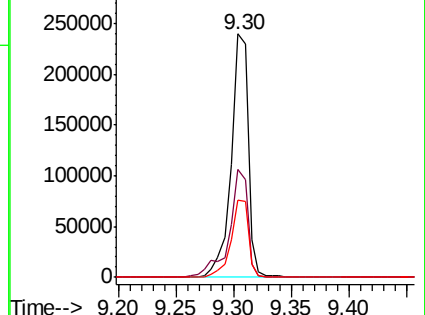
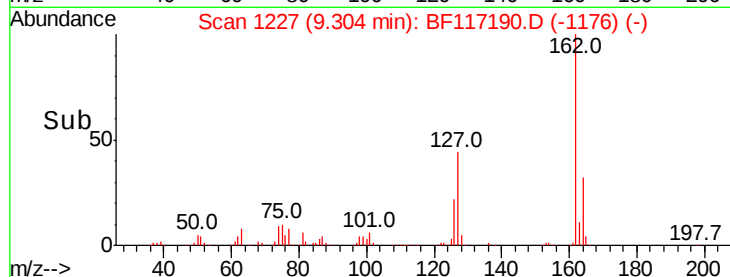
164 31.6 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.673 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

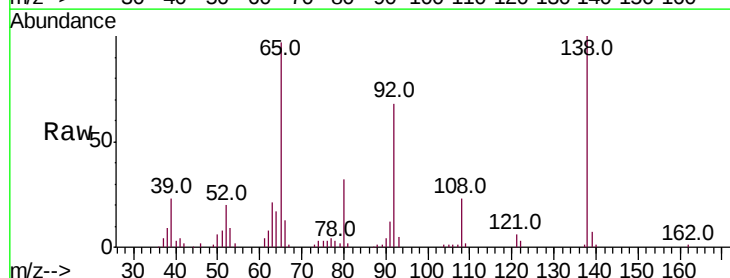
Tgt Ion: 65 Resp: 77267

Ion Ratio Lower Upper

65 100

92 70.4 57.5 86.3

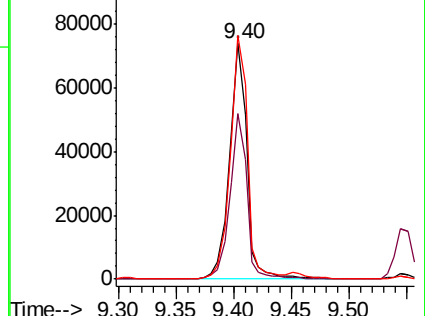
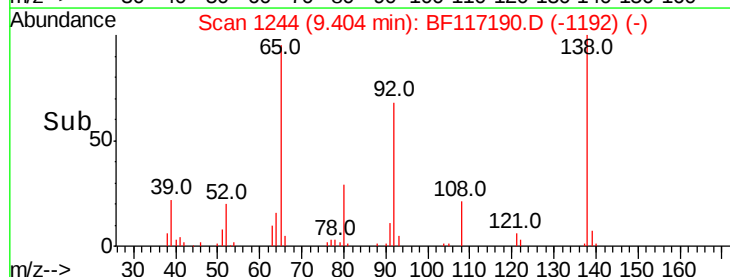
138 103.4 90.6 136.0

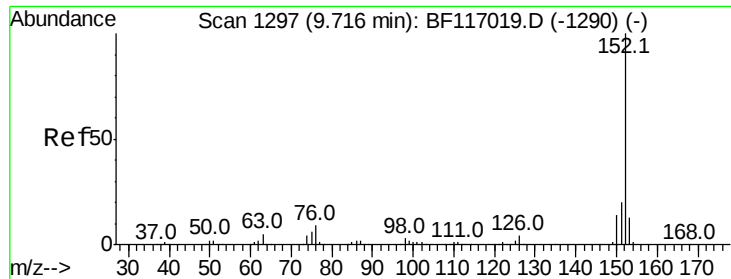


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.811 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

ClientSampled :

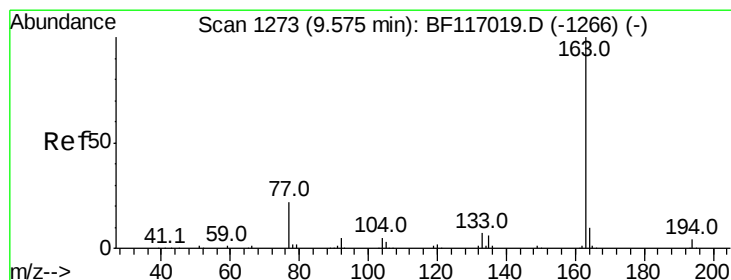
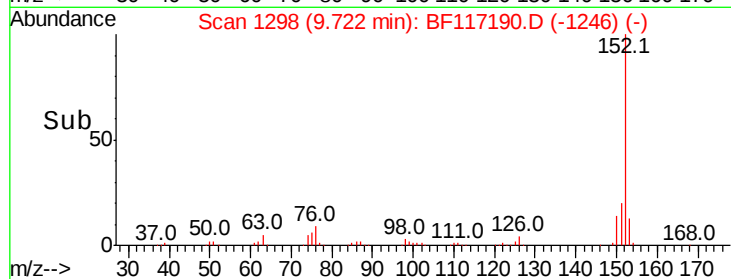
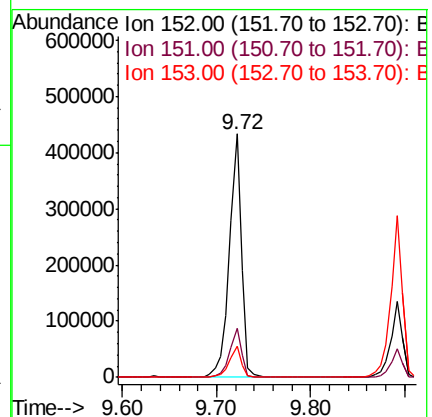
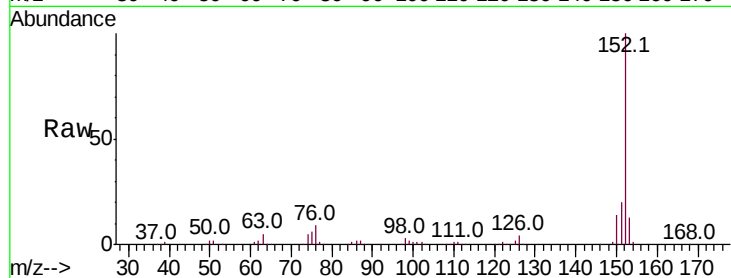
Tot Ion:152 Resp: 388716

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.1 10.2 15.4



#50

Dimethylphthalate

Concen: 44.129 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

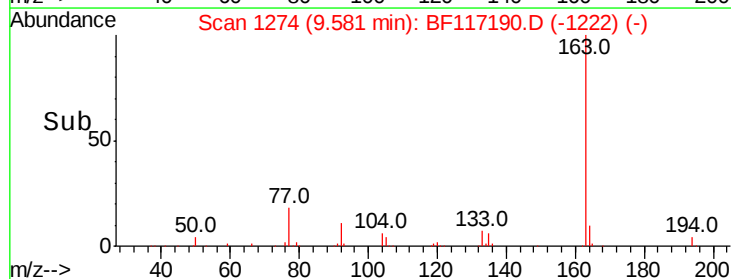
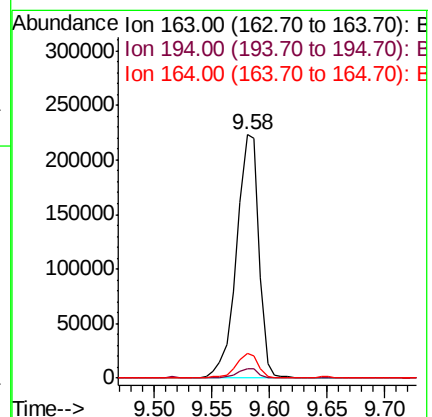
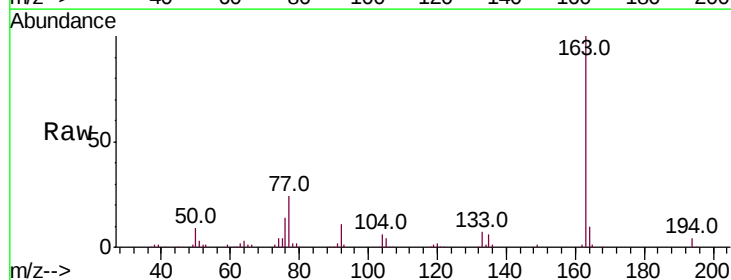
Tgt Ion:163 Resp: 298937

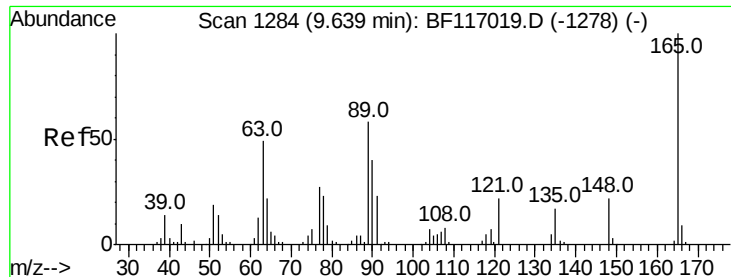
Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

164 10.4 8.2 12.4

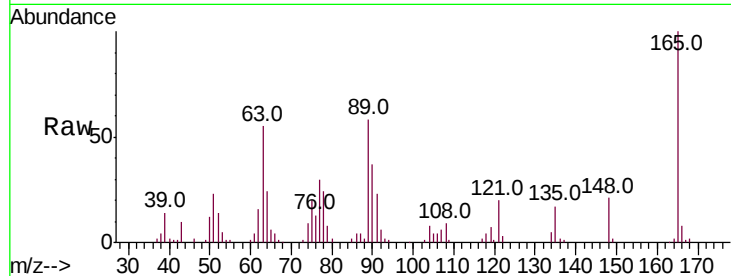




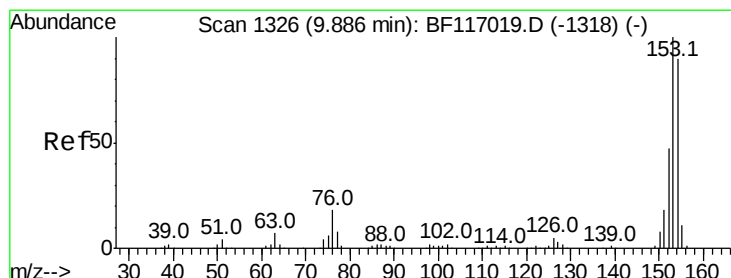
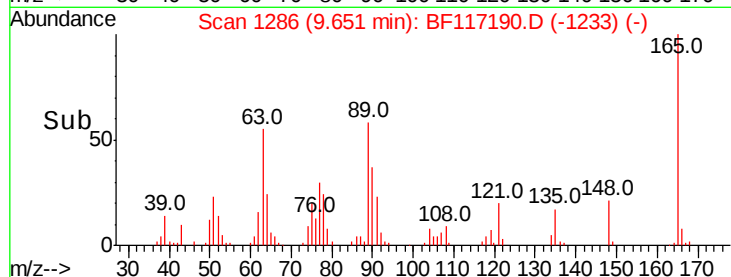
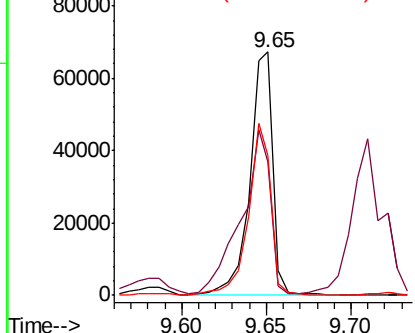
#51
 2,6-Dinitrotoluene
 Concen: 46.548 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 64221
 Ion Ratio Lower Upper
 165 100
 63 55.1 41.8 62.8
 89 57.5 46.5 69.7

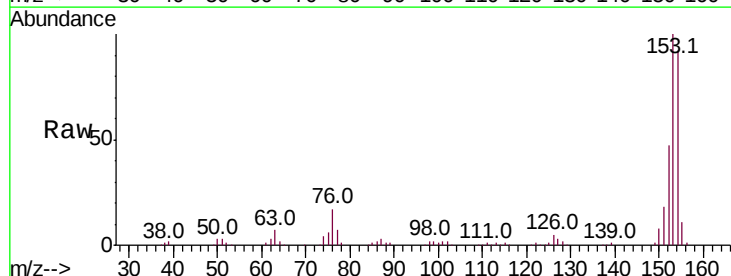


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

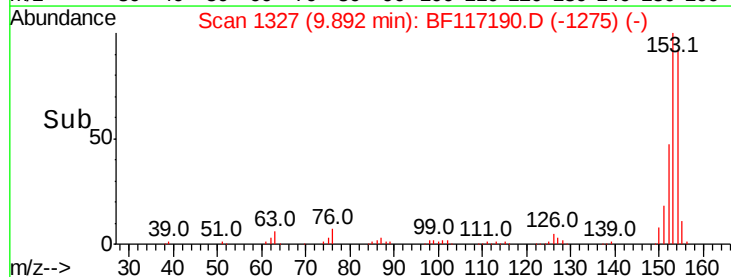
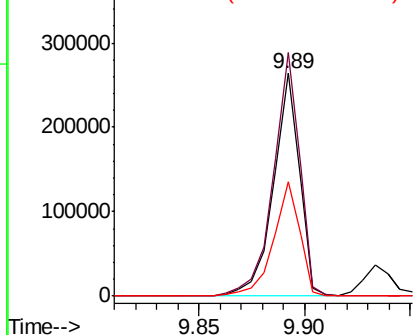


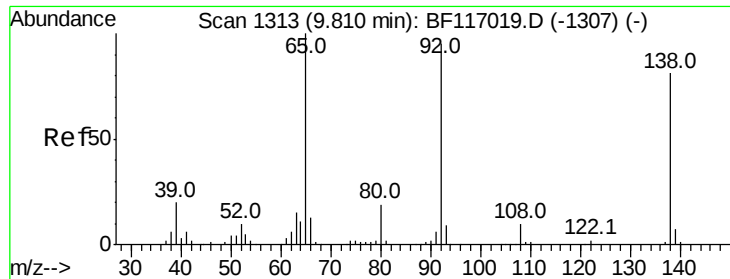
#52
 Acenaphthene
 Concen: 43.035 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion:154 Resp: 226346
 Ion Ratio Lower Upper
 154 100
 153 109.2 89.0 133.6
 152 51.1 41.9 62.9



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

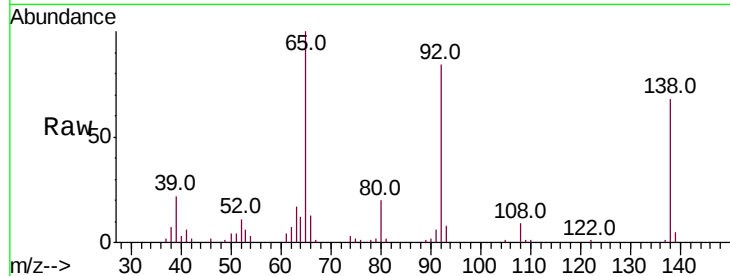




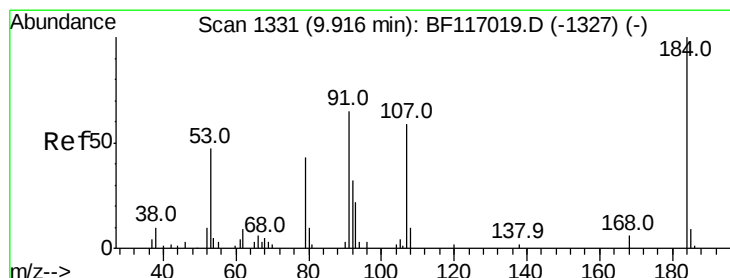
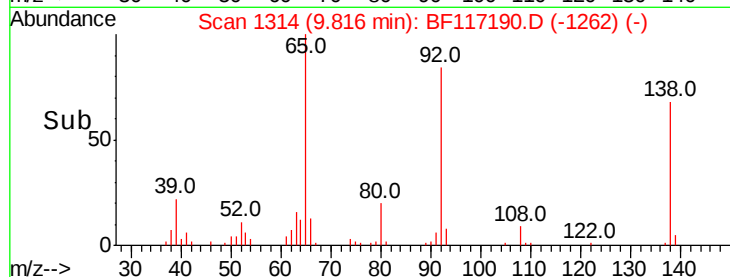
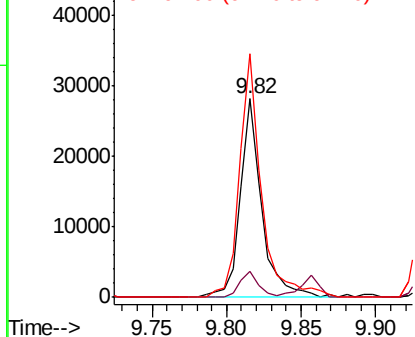
#53
3-Nitroaniline
Concen: 16.146 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 28105
Ion Ratio Lower Upper
138 100
108 13.3 9.5 14.3
92 122.7 94.1 141.1

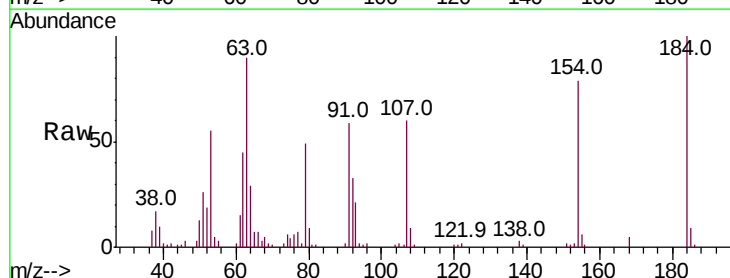


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

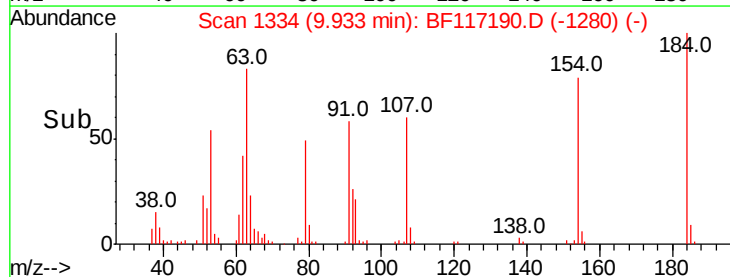
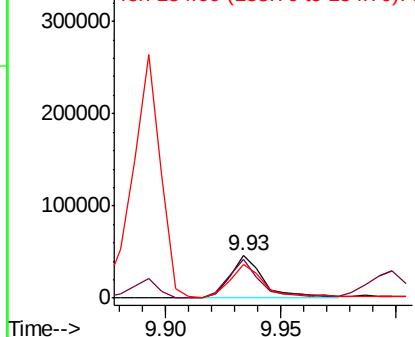


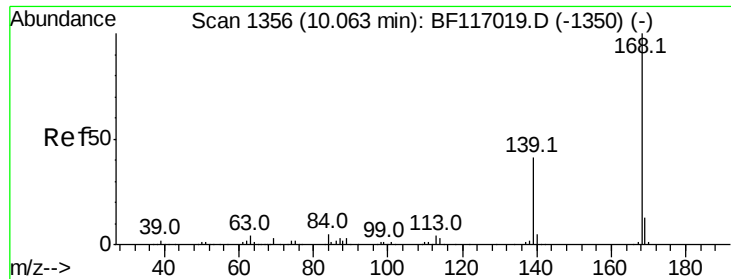
#54
2,4-Dinitrophenol
Concen: 79.345 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:184 Resp: 47218
Ion Ratio Lower Upper
184 100
63 90.3 63.8 95.6
154 78.8 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

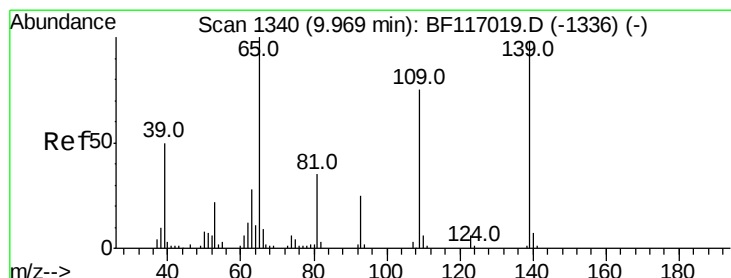
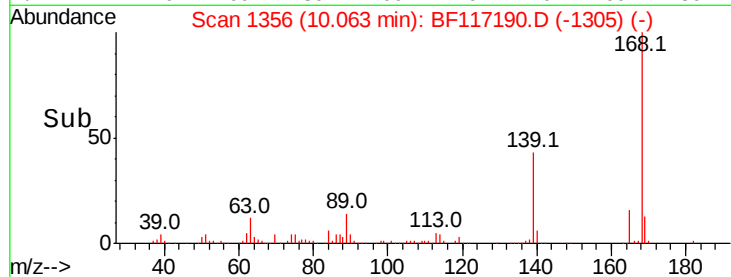
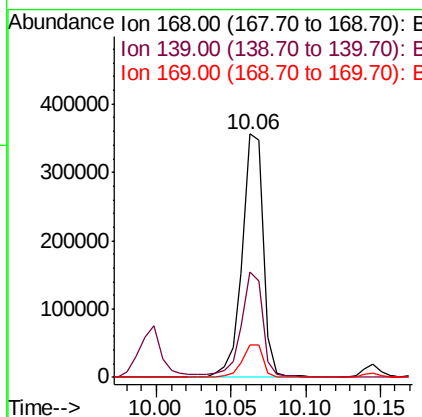
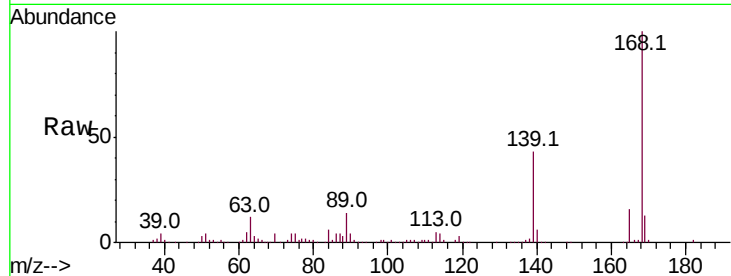




#55
Dibenzenofuran
Concen: 45.421 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

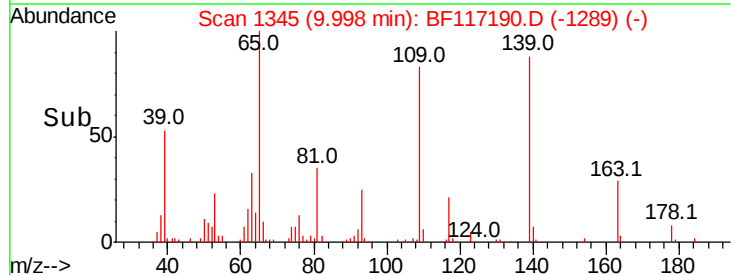
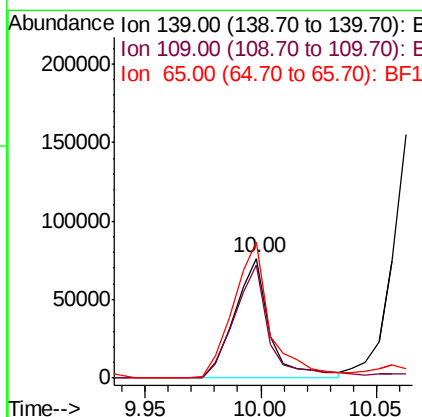
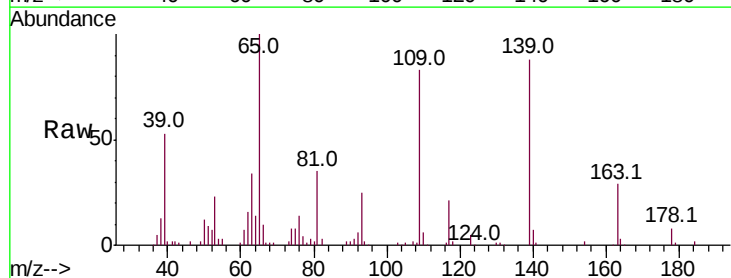
Instrument :
BNA_F
ClientSampleId :

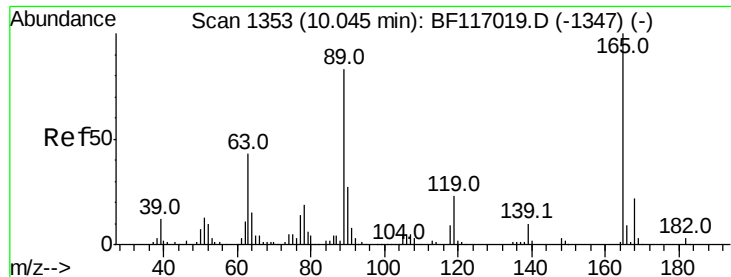
Tot Ion:168 Resp: 352467
Ion Ratio Lower Upper
168 100
139 43.5 32.8 49.2
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 71.913 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:139 Resp: 81131
Ion Ratio Lower Upper
139 100
109 94.6 56.4 96.4
65 113.7 82.5 122.5

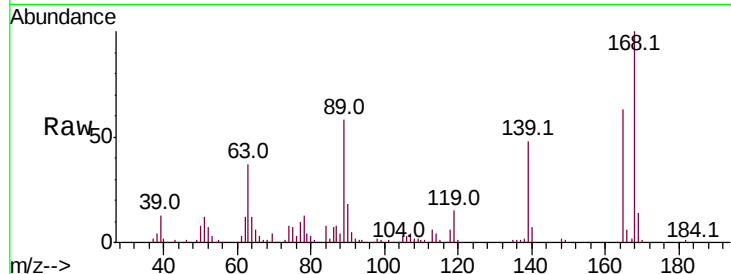




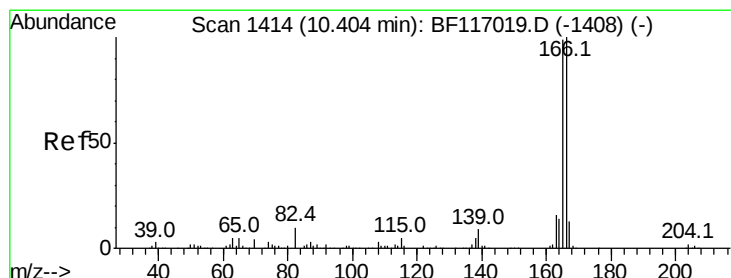
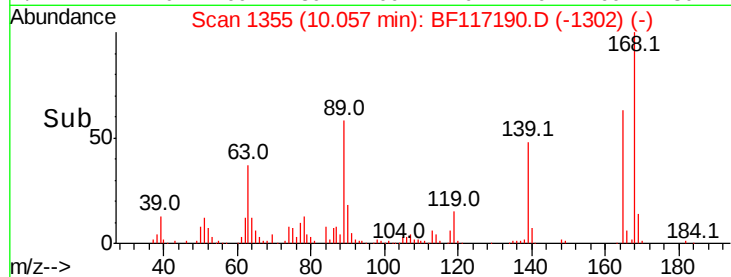
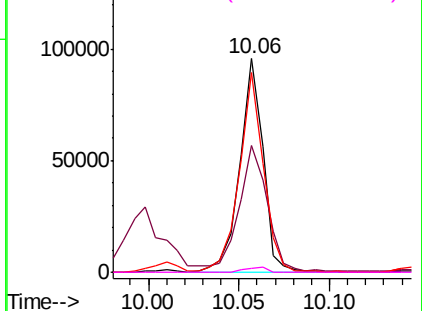
#57
 2,4-Dinitrotoluene
 Concen: 47.773 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165	Resp:	85557
Ion Ratio	Lower	Upper
165	100	
63	59.3	35.0 52.4#
89	93.4	66.1 99.1
182	2.0	2.0 3.0

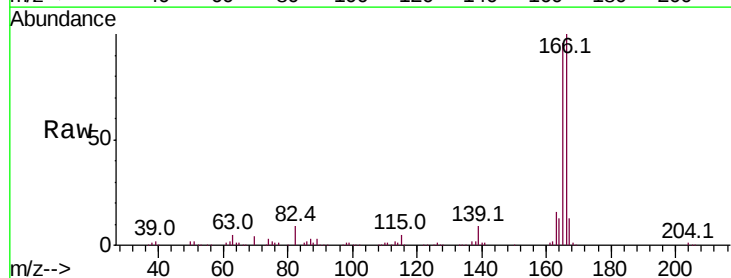


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

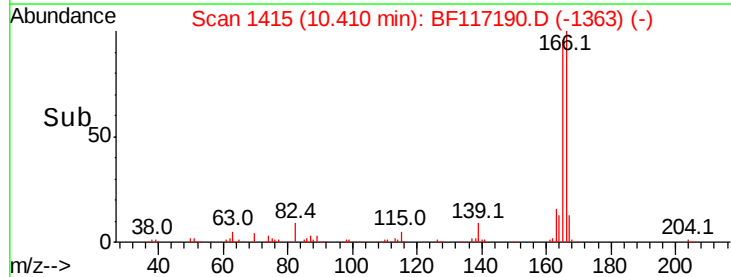
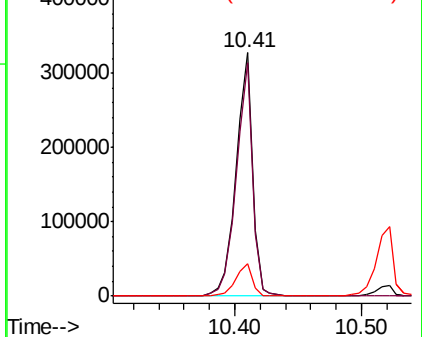


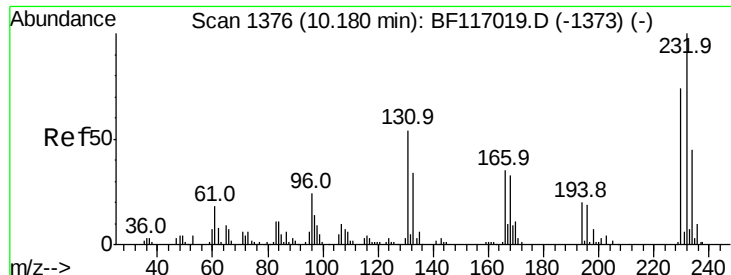
#58
 Fluorene
 Concen: 46.561 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion:166	Resp:	291051
Ion Ratio	Lower	Upper
166	100	
165	96.1	78.9 118.3
167	13.1	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

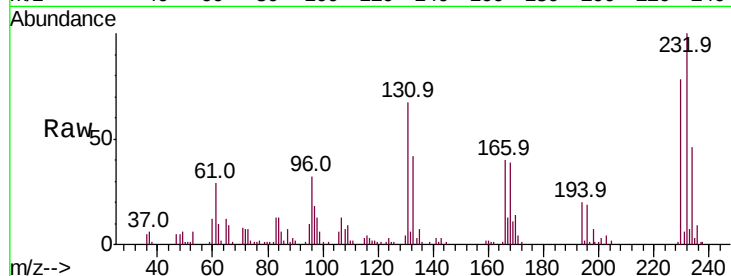




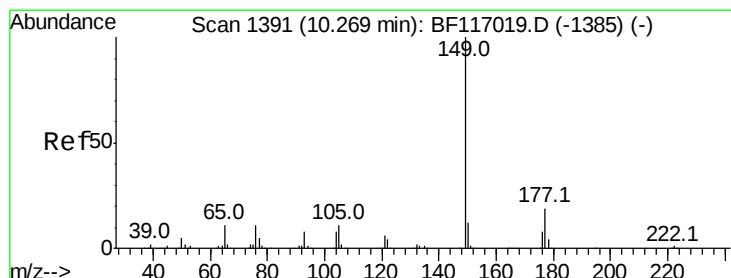
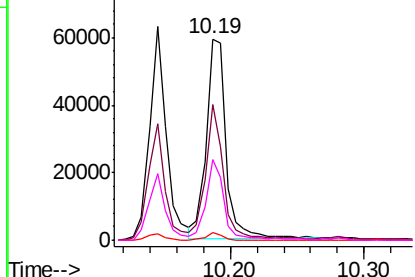
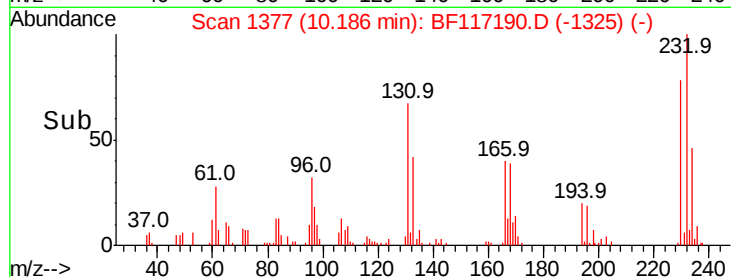
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.555 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 62445
 Ion Ratio Lower Upper
 232 100
 131 58.4 45.3 67.9
 130 3.0 1.8 2.8#
 166 37.0 29.4 44.2

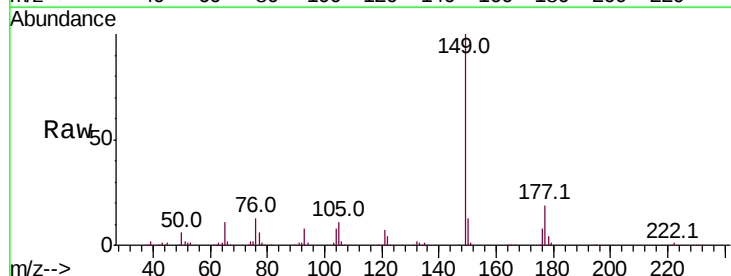


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

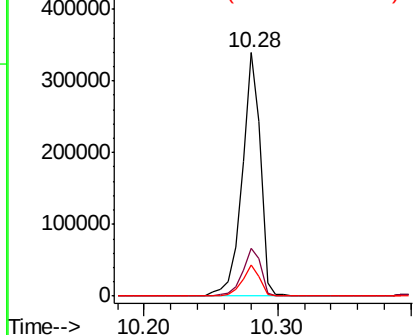
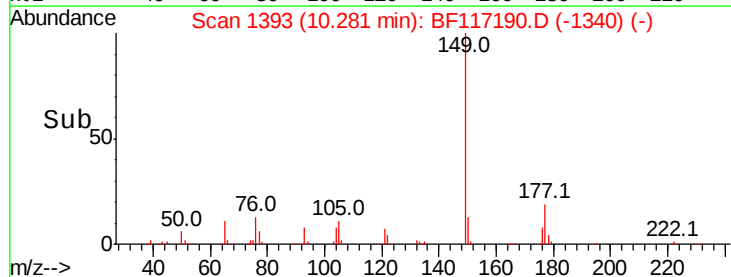


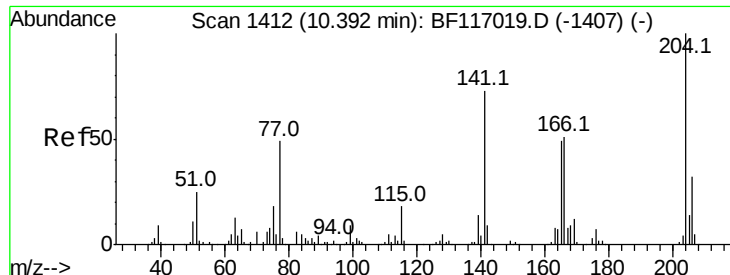
#60
 Diethylphthalate
 Concen: 47.745 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion:149 Resp: 318202
 Ion Ratio Lower Upper
 149 100
 177 19.4 15.2 22.8
 150 12.6 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

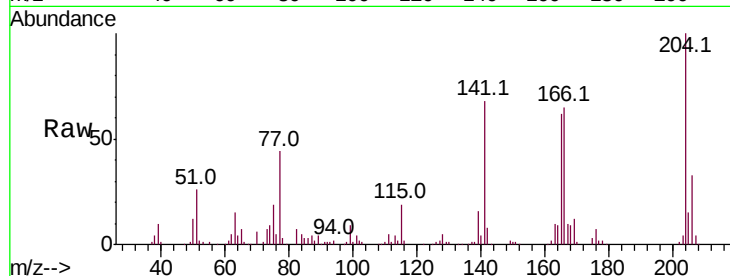




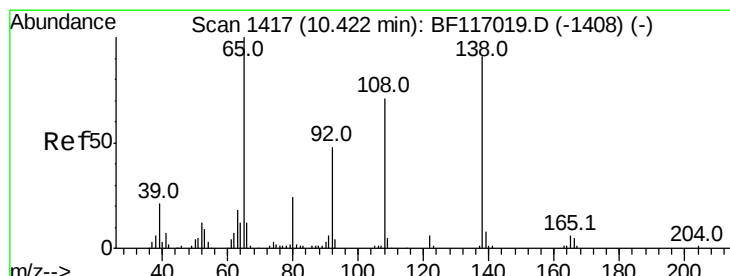
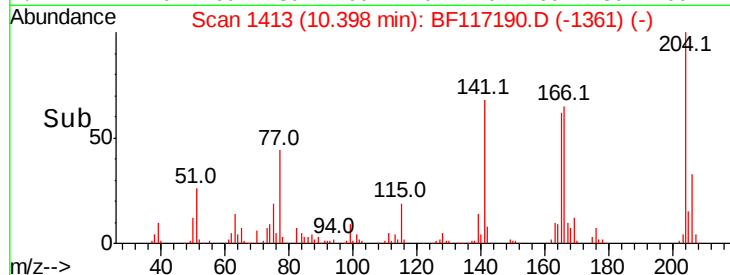
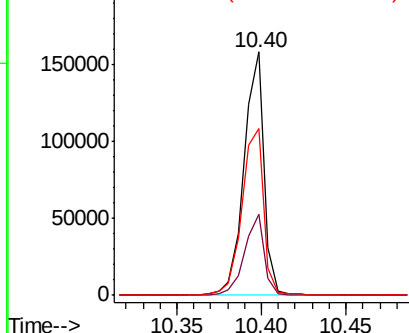
#61
4-Chlorophenyl-phenylether
Concen: 48.528 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 131248
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 68.4 58.2 87.2

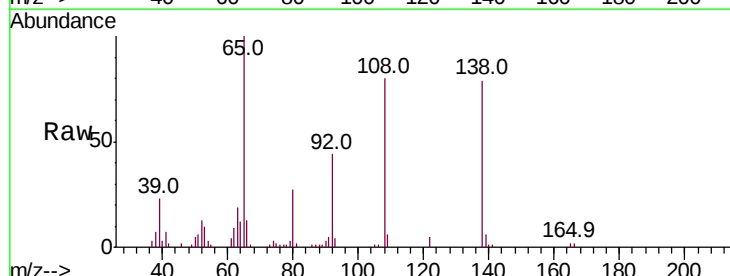


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

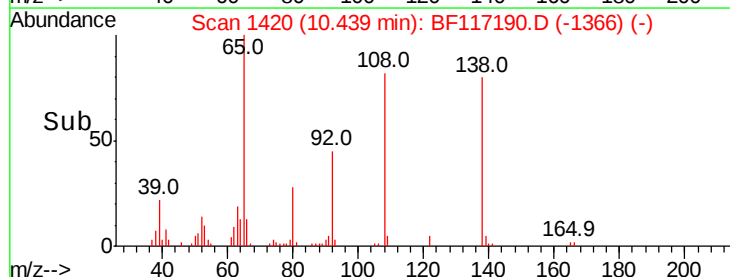
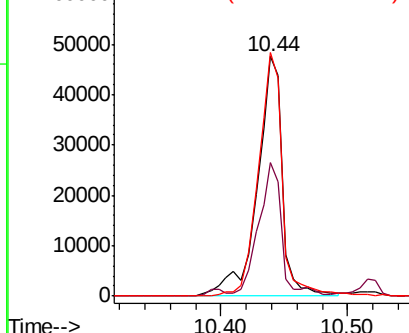


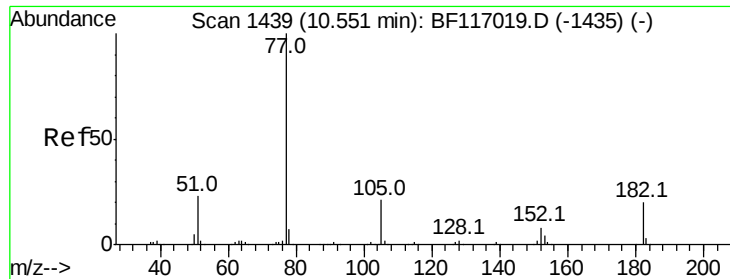
#62
4-Nitroaniline
Concen: 36.233 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:138 Resp: 65592
Ion Ratio Lower Upper
138 100
92 55.8 32.9 72.9
108 101.7 58.3 98.3#



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

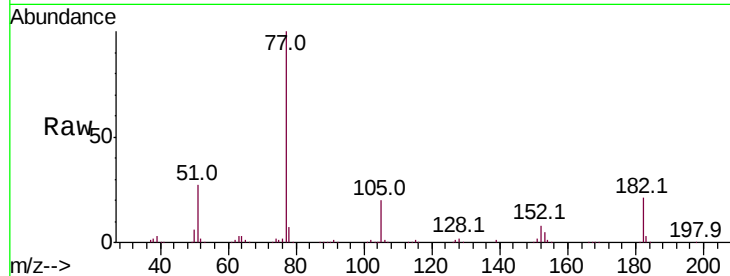




#63
Azobenzene
Concen: 46.498 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.1	0.4	40.4
105	20.2	0.9	40.9
51	26.7	2.8	42.8



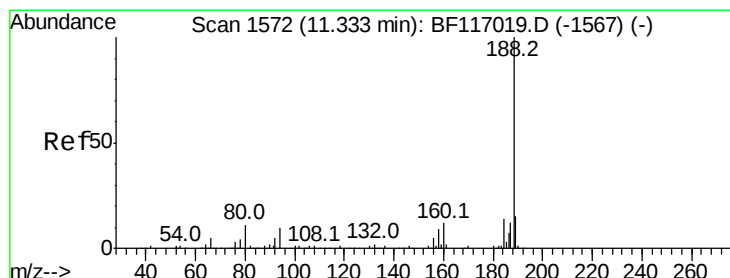
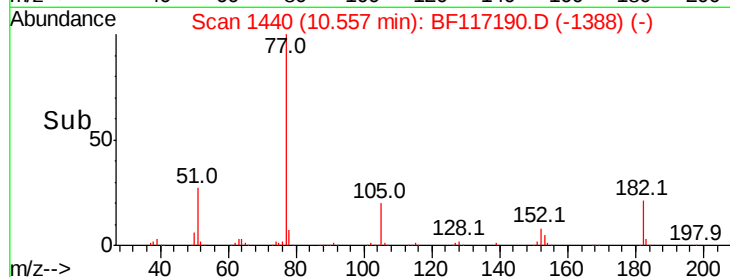
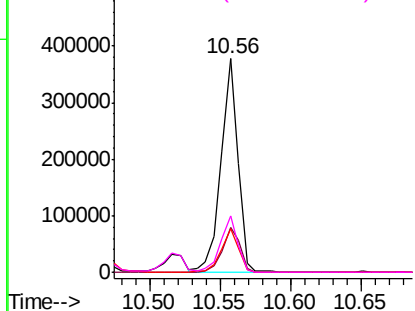
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

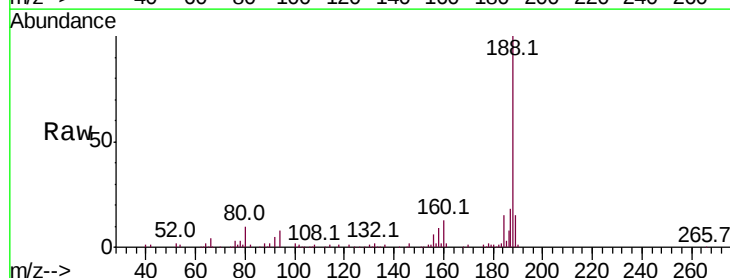
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	9.7	9.0	13.6

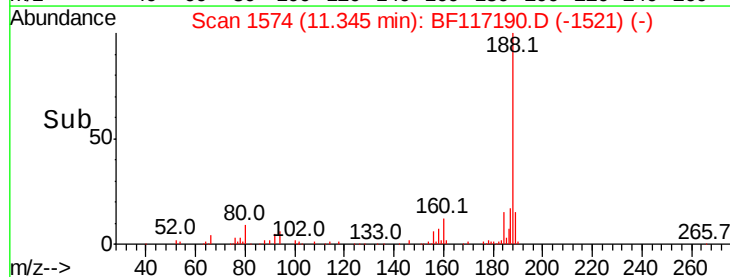
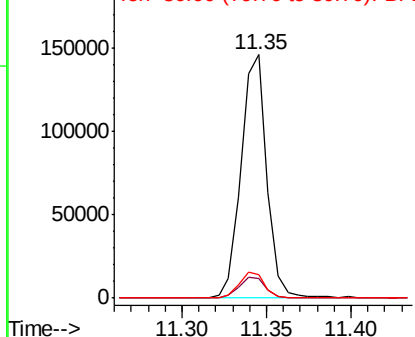


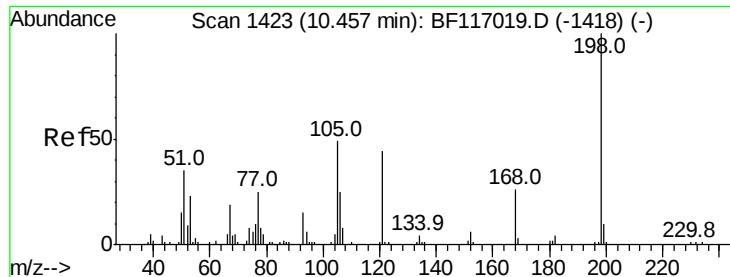
Abundance

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

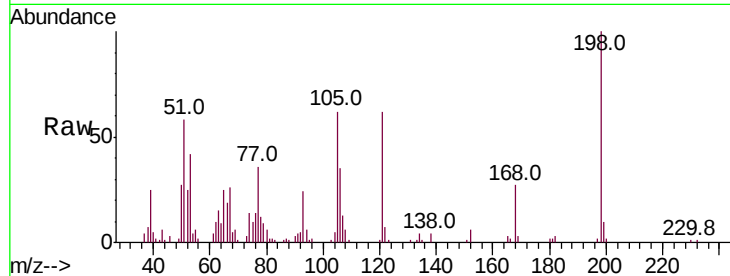




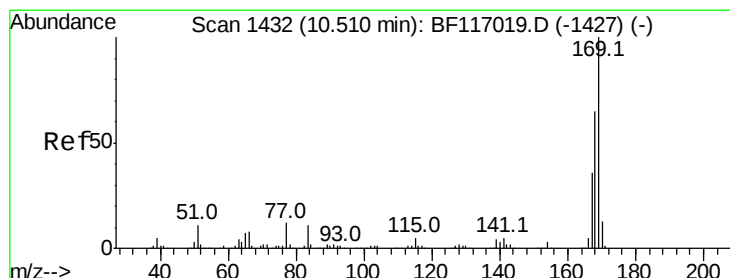
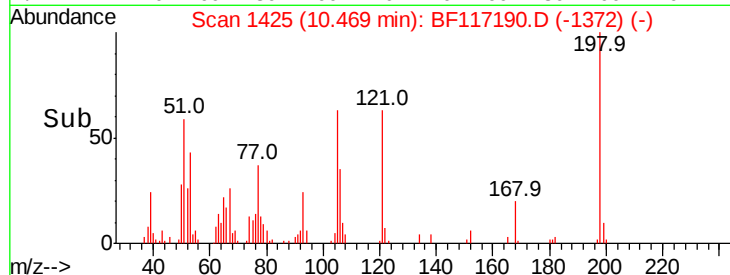
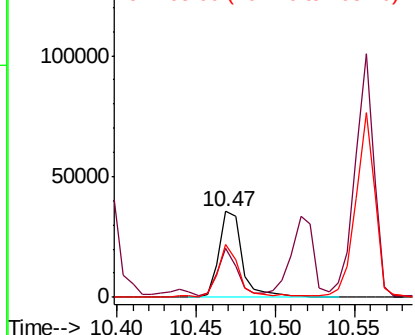
#65
4,6-Dinitro-2-methylphenol
Concen: 51.001 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 36486
Ion Ratio Lower Upper
198 100
51 57.7 18.7 58.7
105 61.6 30.2 70.2

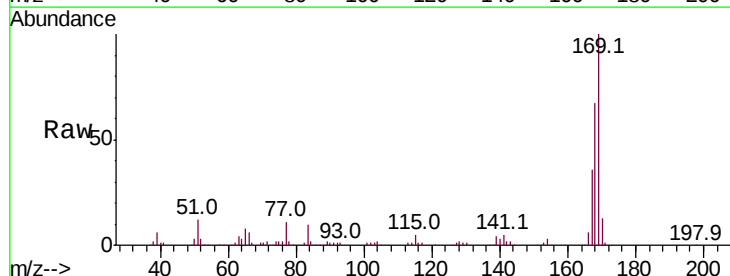


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

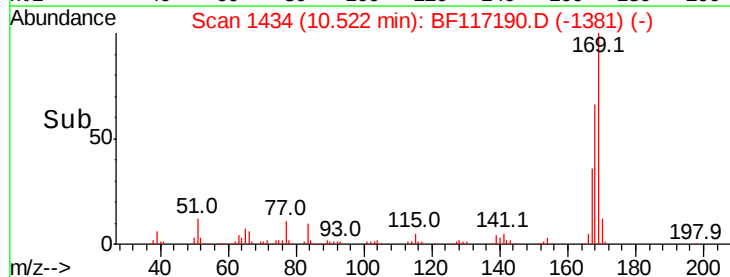
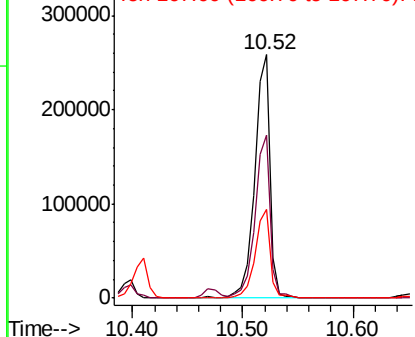


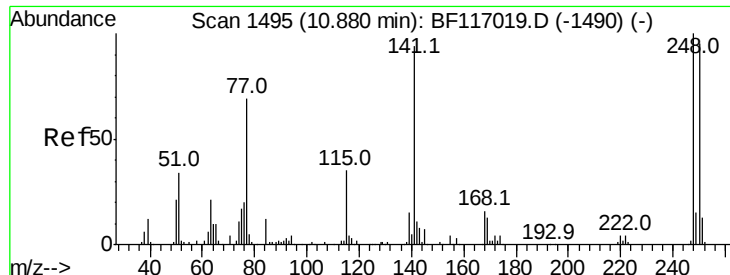
#66
n-Nitrosodiphenylamine
Concen: 46.623 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:169 Resp: 250335
Ion Ratio Lower Upper
169 100
168 66.7 52.2 78.2
167 36.4 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



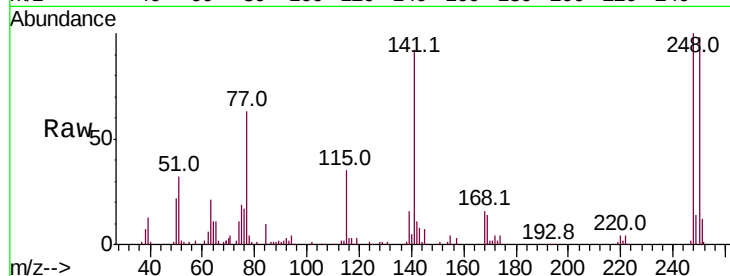


#67
 4-Bromophenyl-phenylether
 Concen: 47.405 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

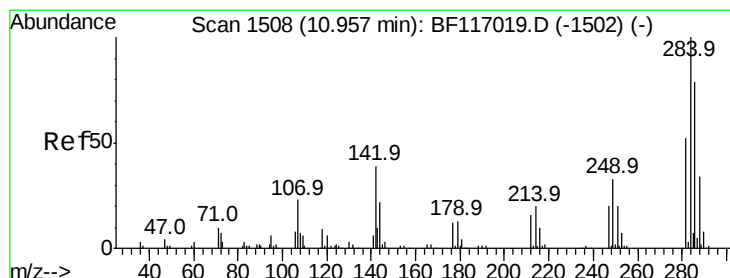
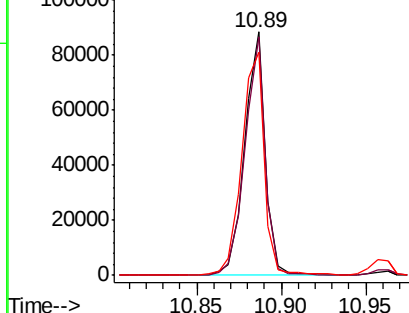
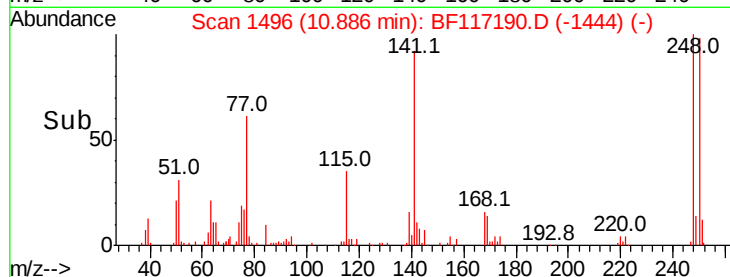
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 75267

Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.2	114.4
141	91.7	75.0	112.4



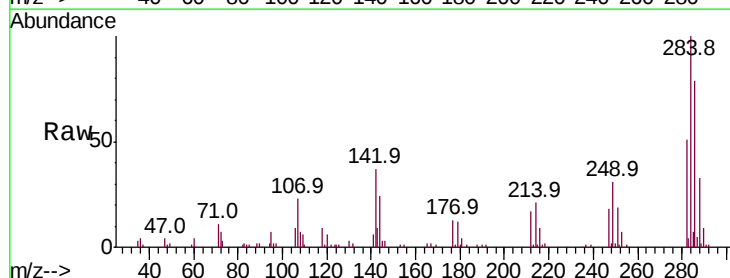
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



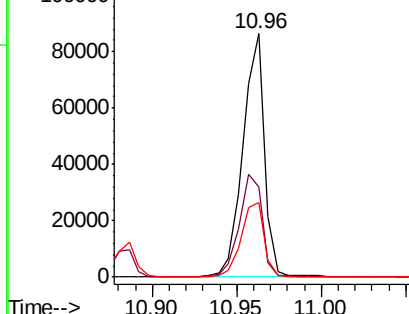
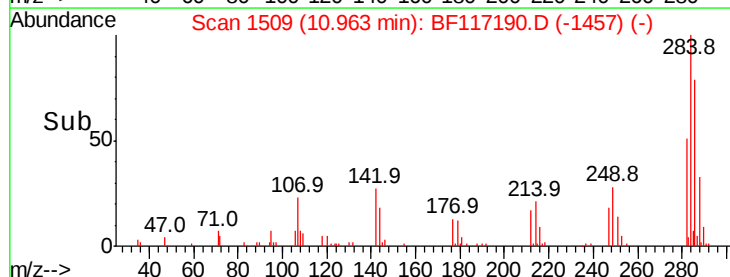
#68
 Hexachlorobenzene
 Concen: 44.429 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

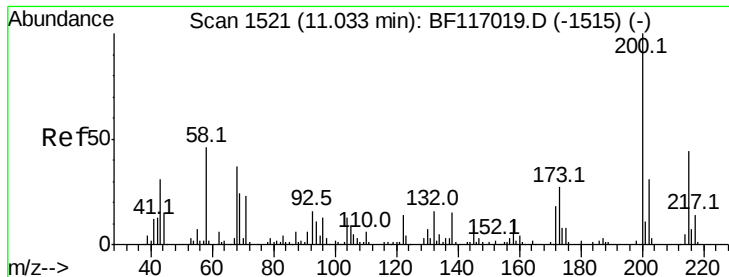
Tgt Ion:284 Resp: 77155

Ion	Ratio	Lower	Upper
284	100		
142	37.0	31.4	47.2
249	30.7	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

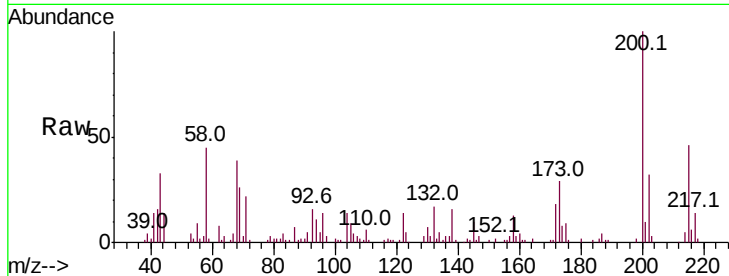




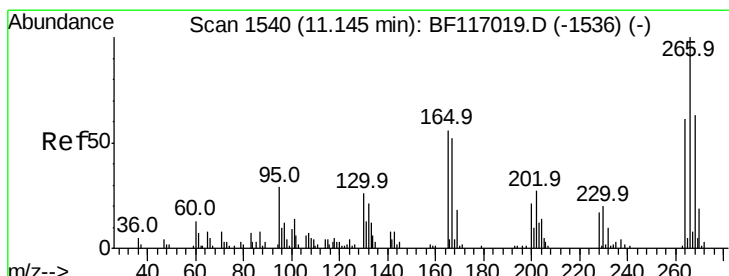
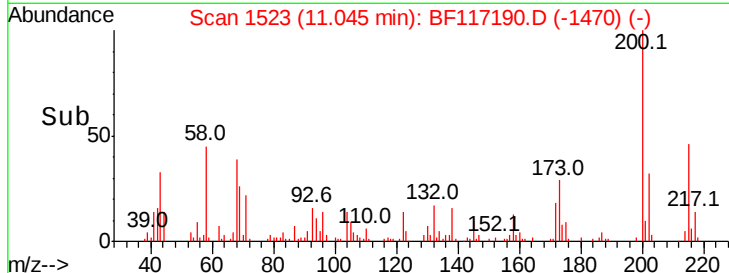
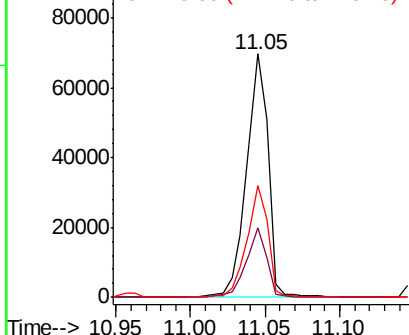
#69
 Atrazine
 Concen: 55.597 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	6.9	46.9
215	45.8	23.8	63.8

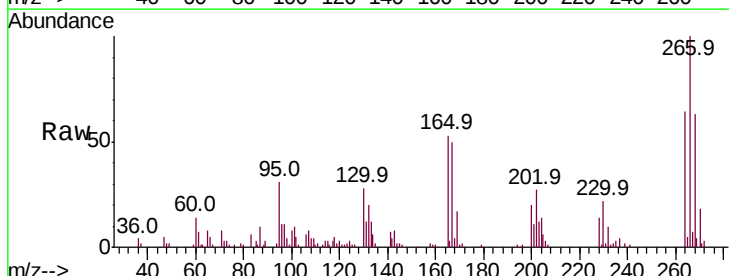


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

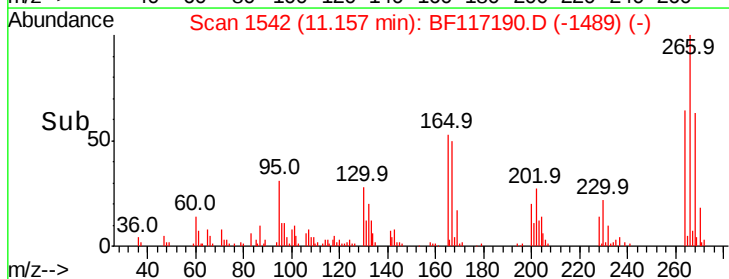
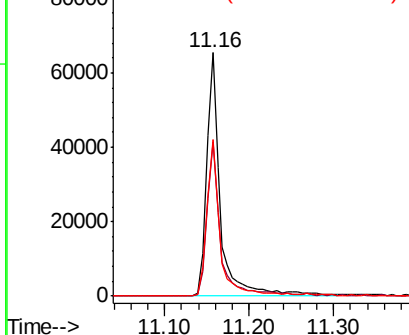


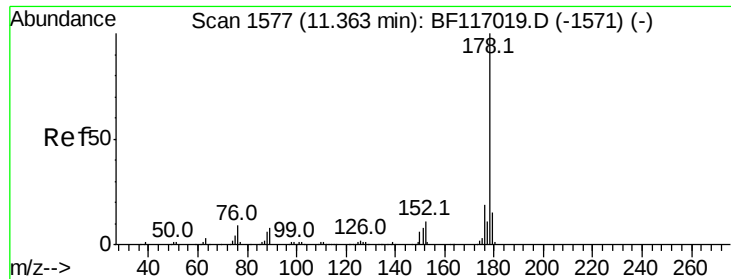
#70
 Pentachlorophenol
 Concen: 91.217 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.5	75.7
264	64.2	48.8	73.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

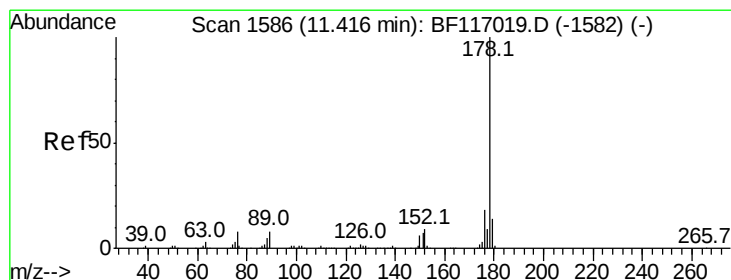
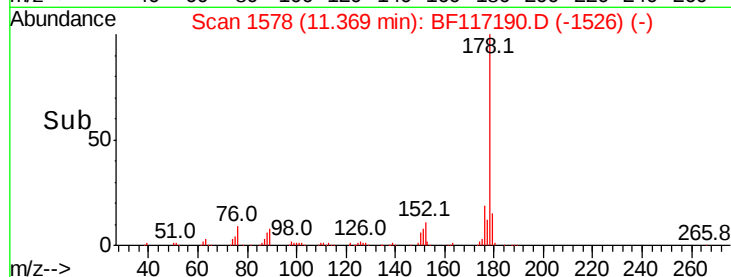
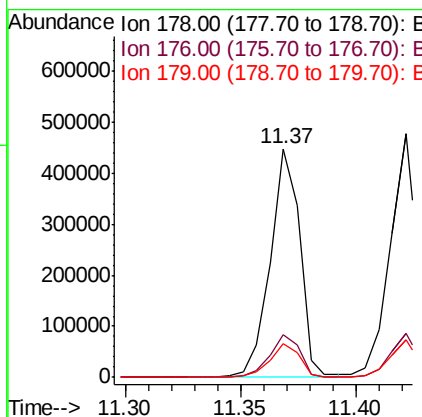
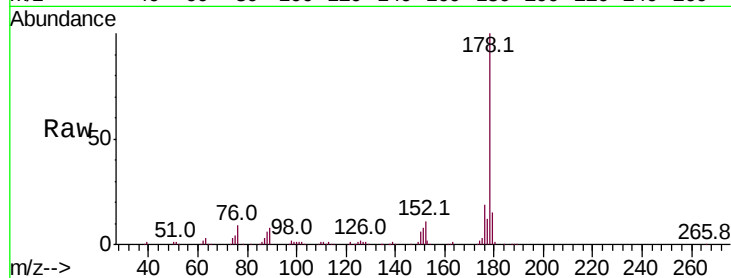




#71
Phenanthrene
Concen: 45.283 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

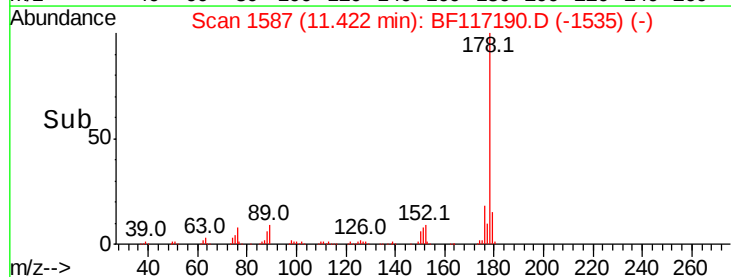
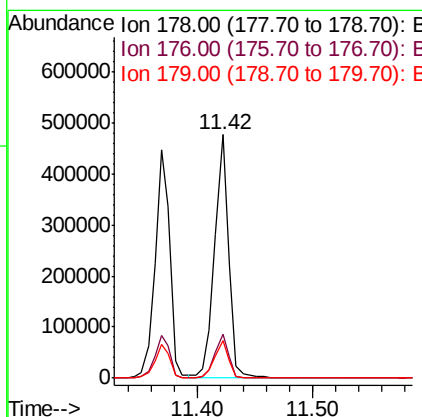
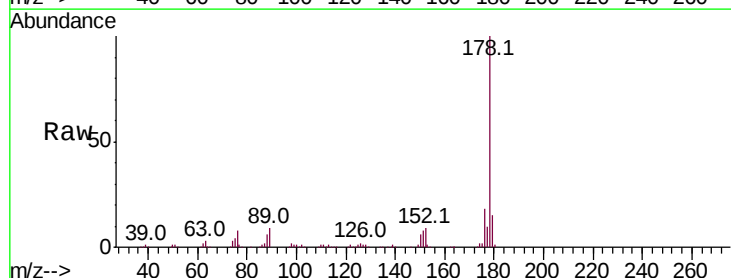
Instrument :
BNA_F
ClientSampleId :

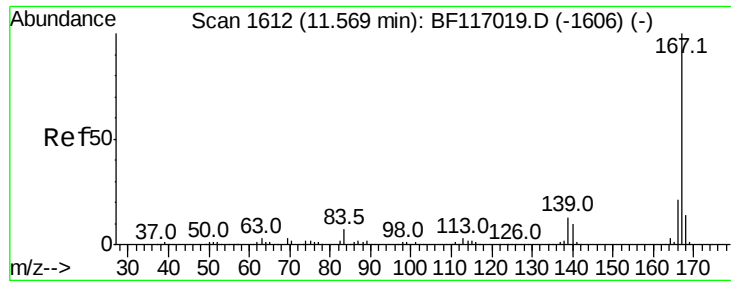
Tot Ion:178 Resp: 399878
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 14.9 12.4 18.6



#72
Anthracene
Concen: 44.998 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:178 Resp: 405678
Ion Ratio Lower Upper
178 100
176 17.9 14.6 21.8
179 15.4 11.6 17.4

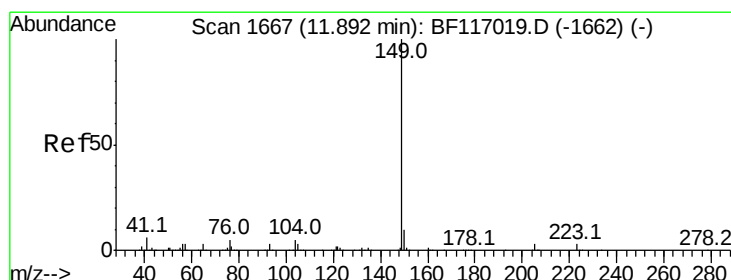
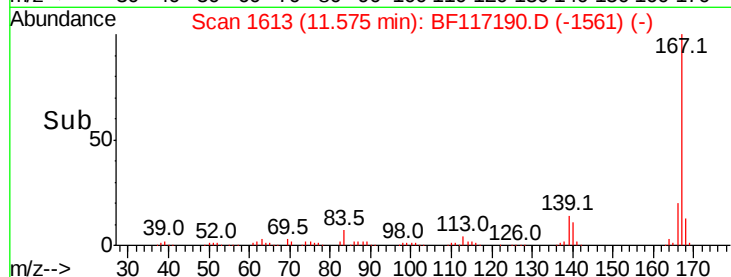
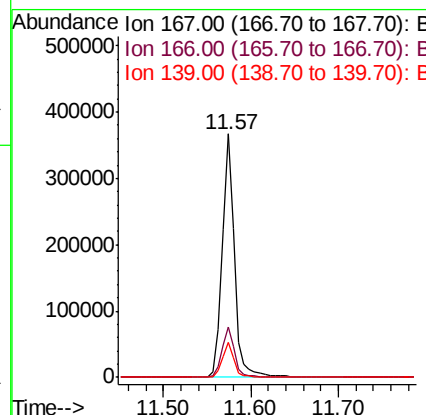
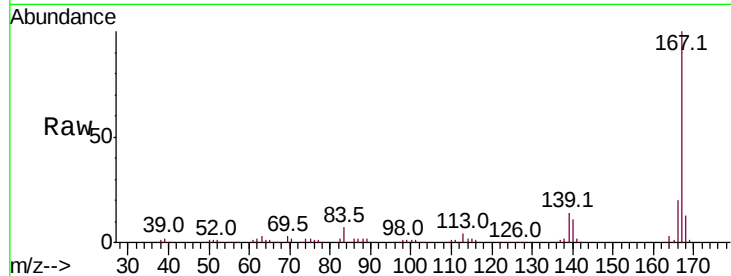




#73
 Carbazole
 Concen: 42.065 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

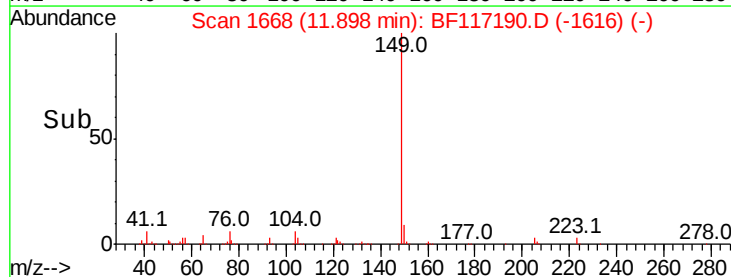
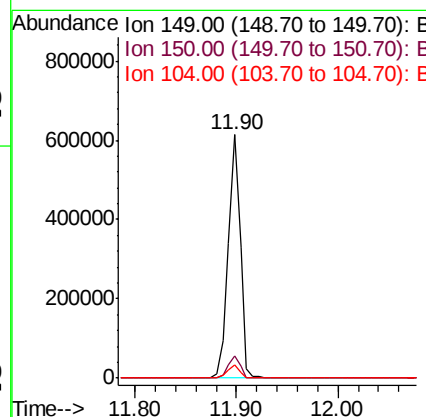
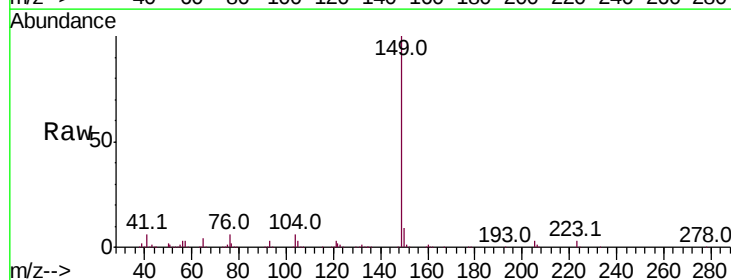
Instrument :
 BNA_F
 ClientSampleId :

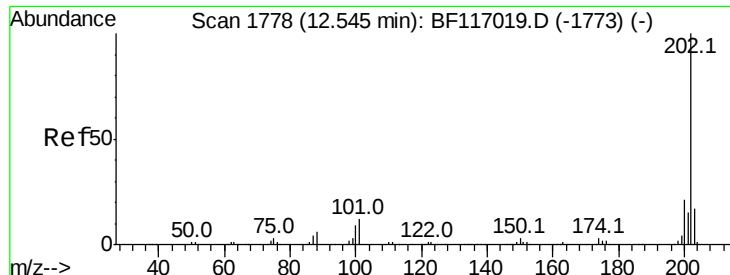
Tot Ion:167 Resp: 359974
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.2 25.8
 139 14.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 49.793 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion:149 Resp: 506971
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.6 4.2 6.4

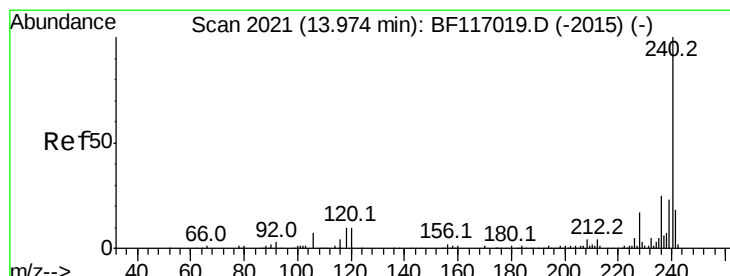
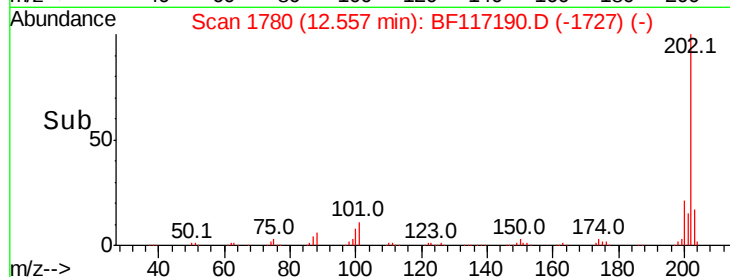
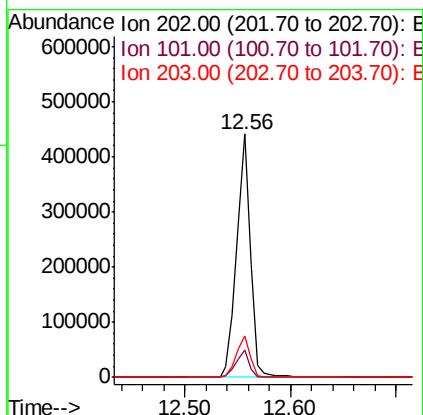
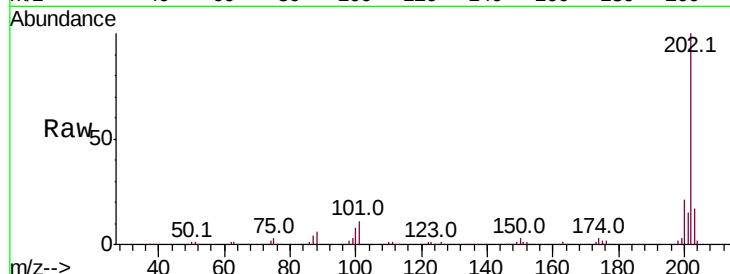




#75
 Fluoranthene
 Concen: 43.218 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

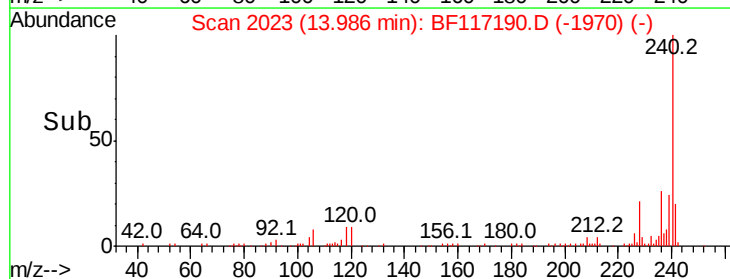
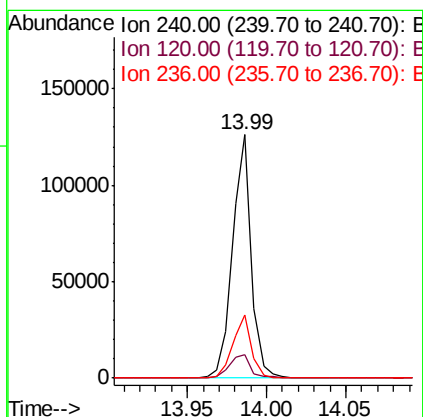
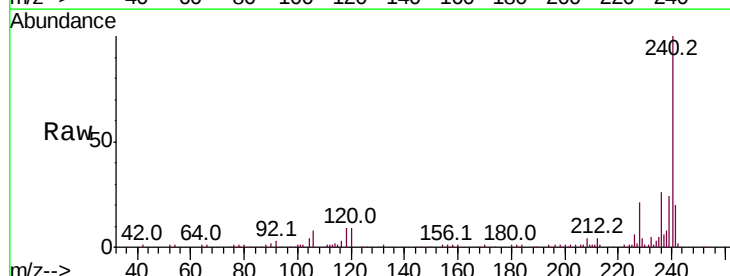
Instrument :
 BNA_F
 ClientSampled :

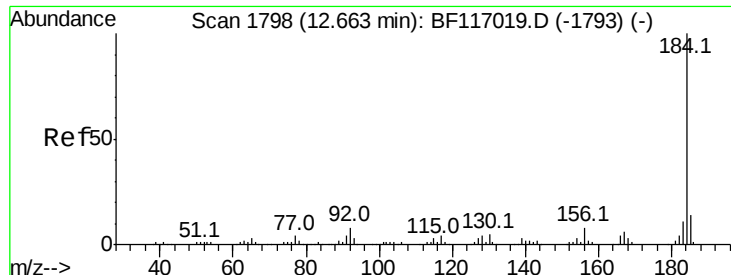
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	32.3
203	17.3	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.3	12.5
236	25.9	20.3	30.5

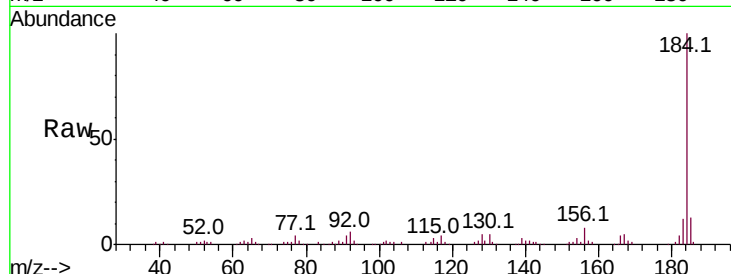




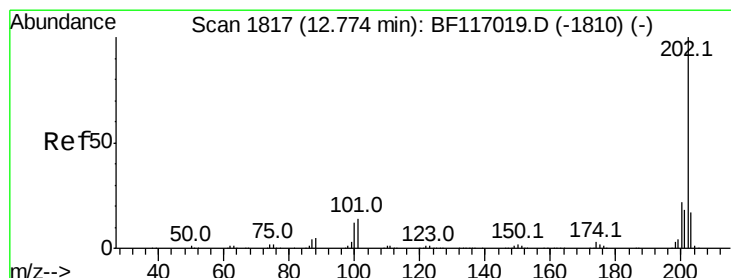
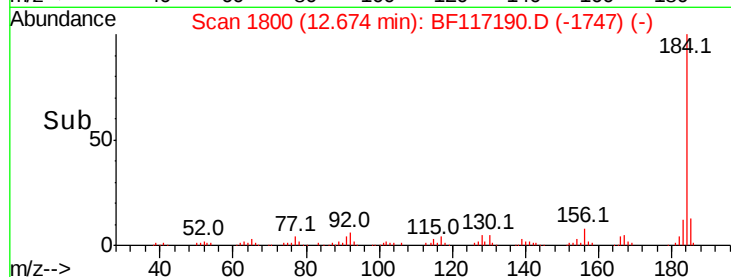
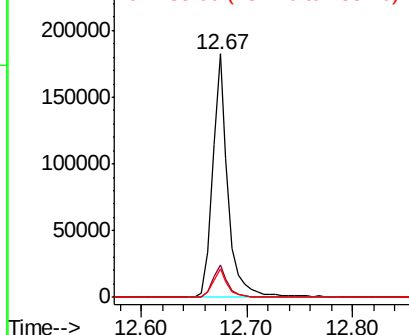
#77
Benzidine
Concen: 56.150 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 186420
Ion Ratio Lower Upper
184 100
185 13.5 11.6 17.4
183 11.9 9.0 13.4

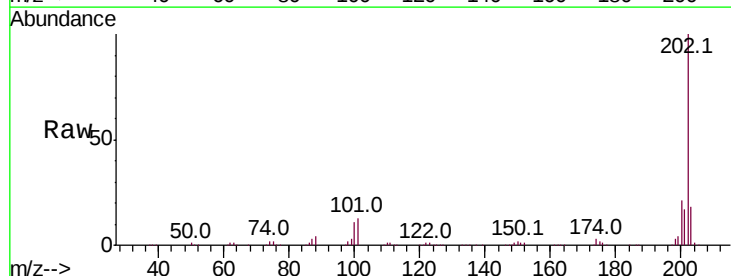


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

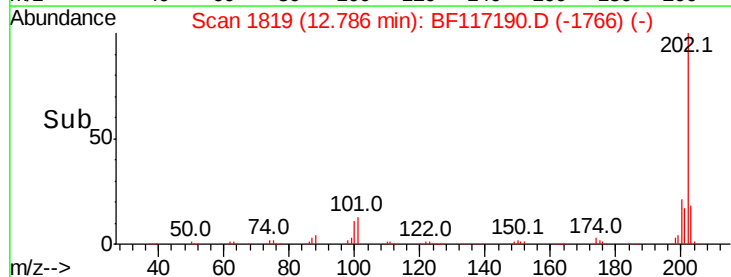
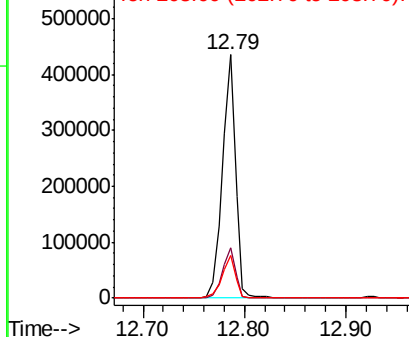


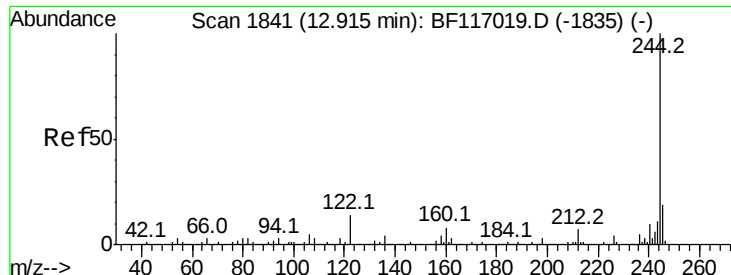
#78
Pyrene
Concen: 45.172 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:202 Resp: 390653
Ion Ratio Lower Upper
202 100
200 20.7 17.2 25.8
203 17.6 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: 115.887 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

Instrument :

BNA_F

ClientSampleId :

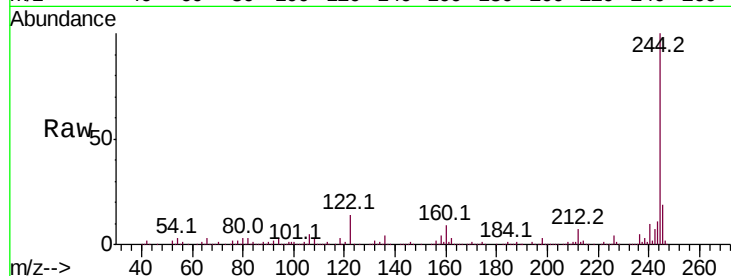
Tot Ion:244 Resp: 638987

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

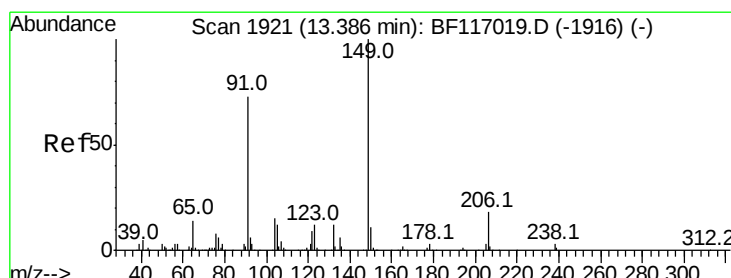
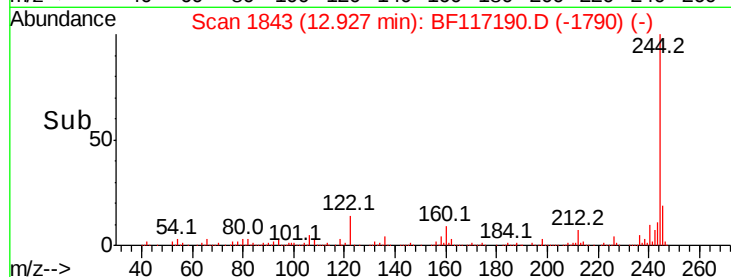
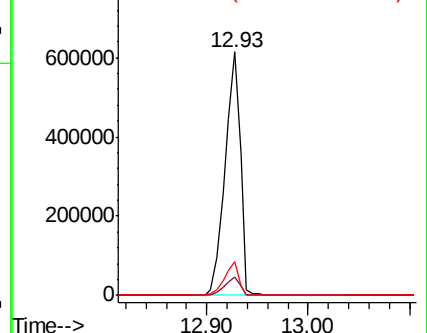
122 14.1 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.694 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF117190.D

Acq: 20 Sep 2019 17:24

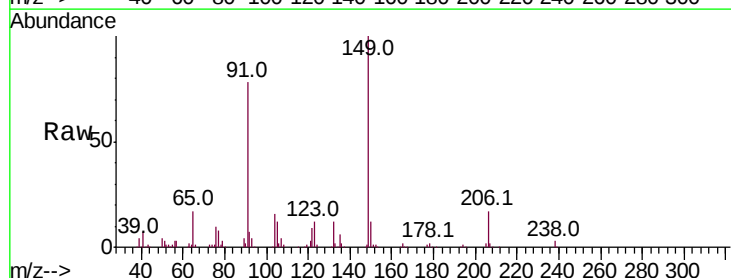
Tgt Ion:149 Resp: 203068

Ion Ratio Lower Upper

149 100

91 77.8 58.8 88.2

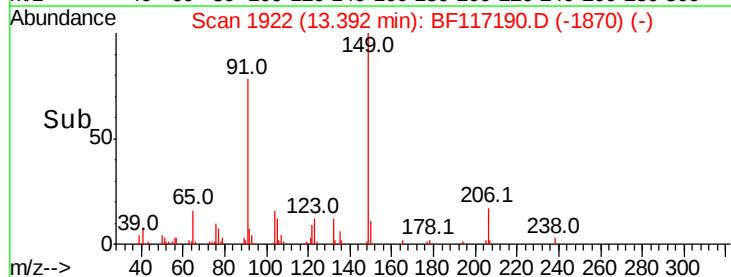
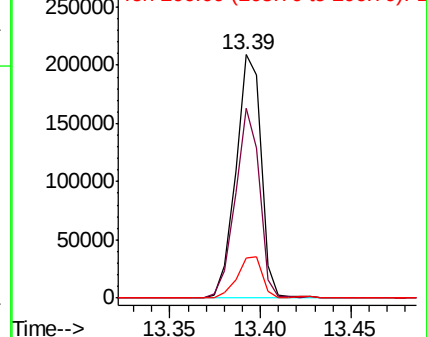
206 16.7 14.1 21.1

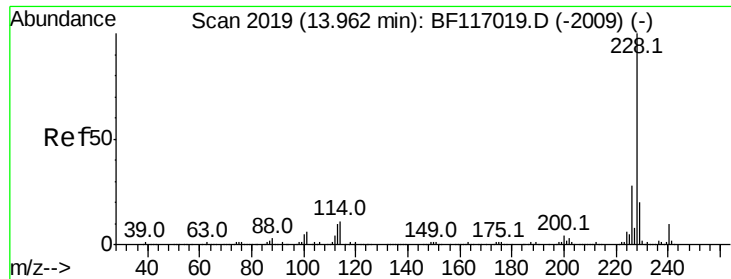


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

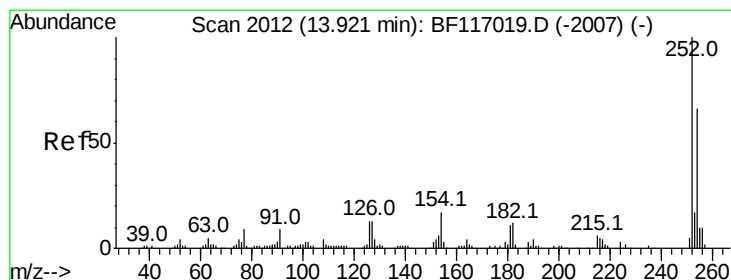
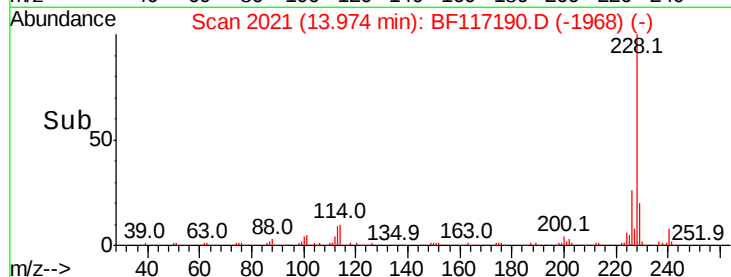
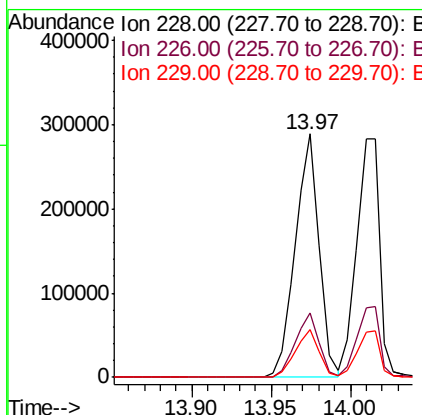
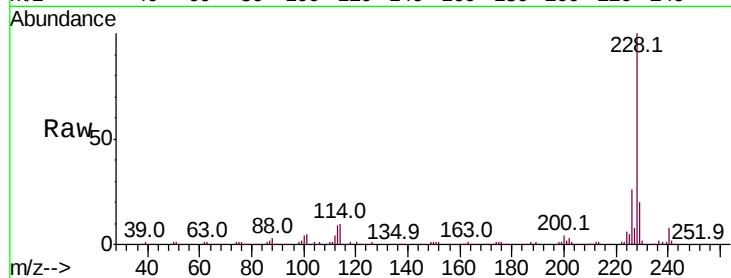




#81
Benzo(a)anthracene
Concen: 43.603 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

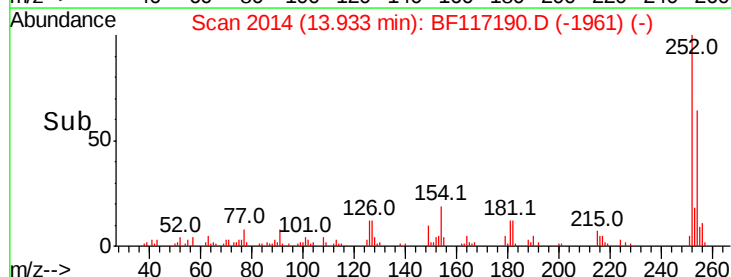
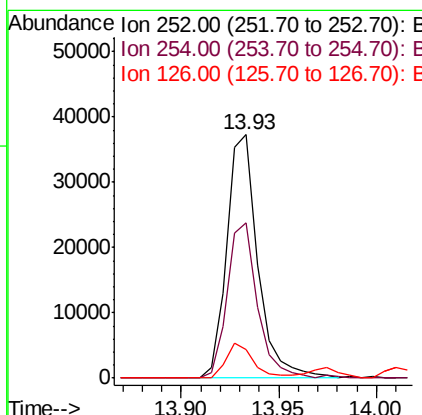
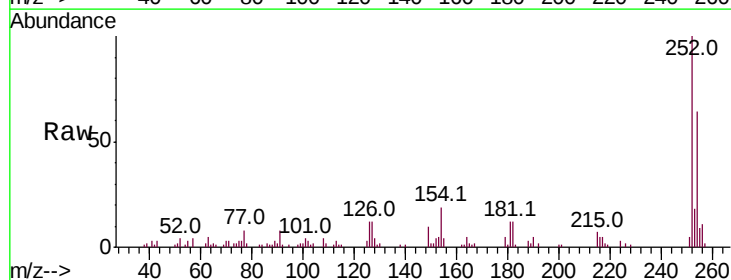
Instrument :
BNA_F
ClientSampleId :

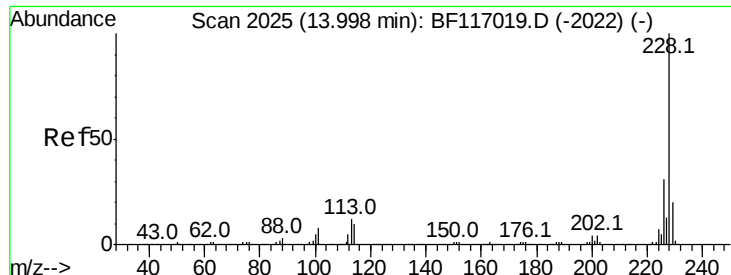
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.3	33.5
229	19.5	15.9	23.9



#82
3,3'-Dichlorobenzidine
Concen: 18.527 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.6	79.0
126	11.8	10.4	15.6

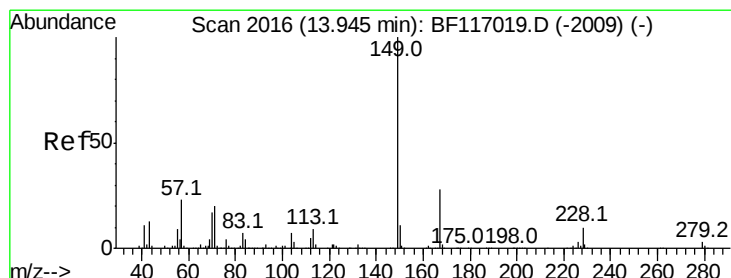
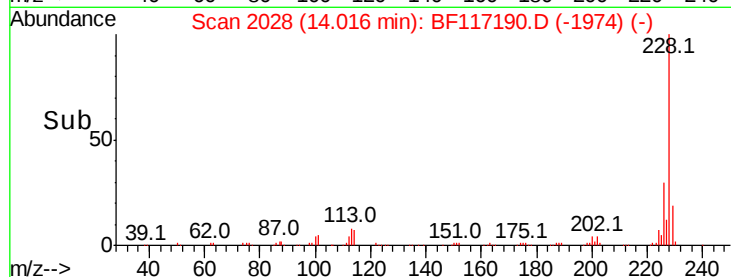
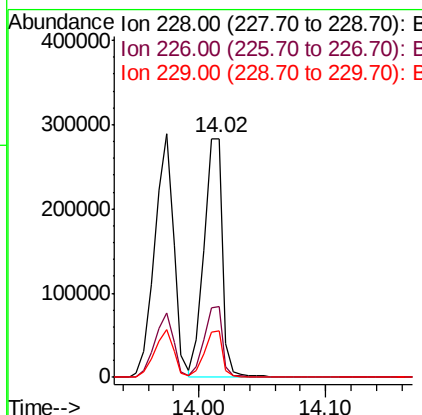
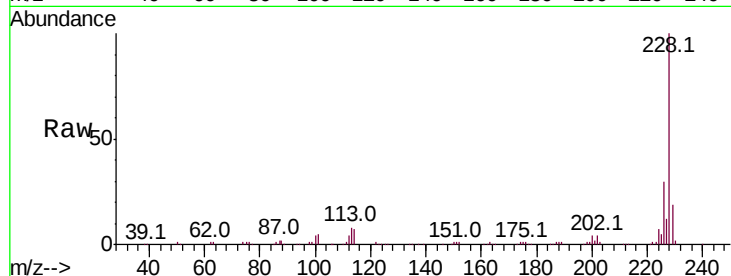




#83
 Chrysene
 Concen: 43.300 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.02 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

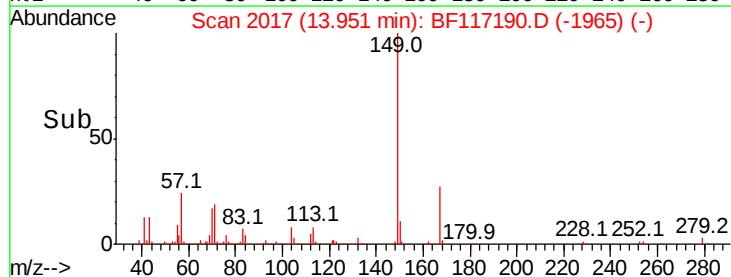
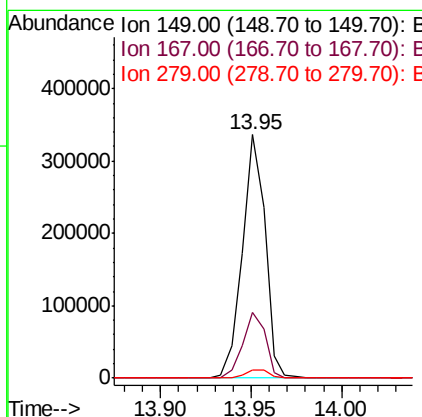
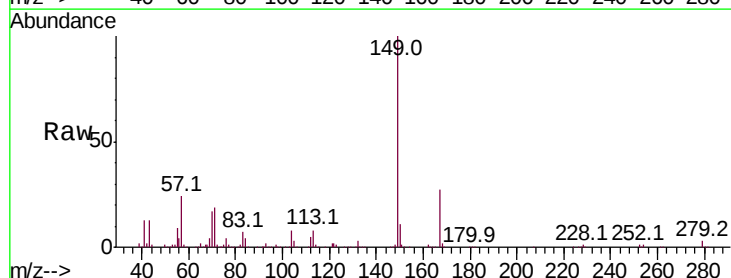
Instrument :
 BNA_F
 ClientSampleId :

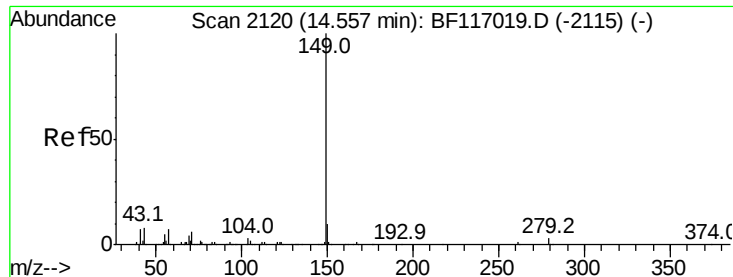
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	19.4	15.8	23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.737 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF117190.D
 Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.2
279	3.2	2.8	4.2

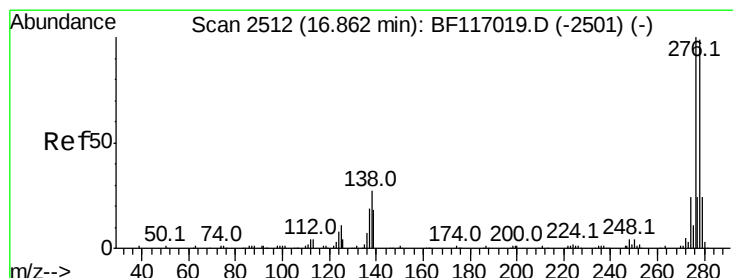
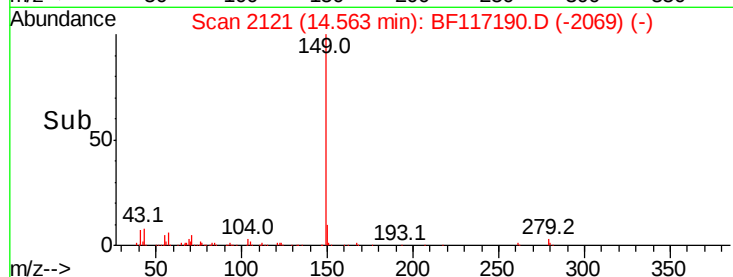
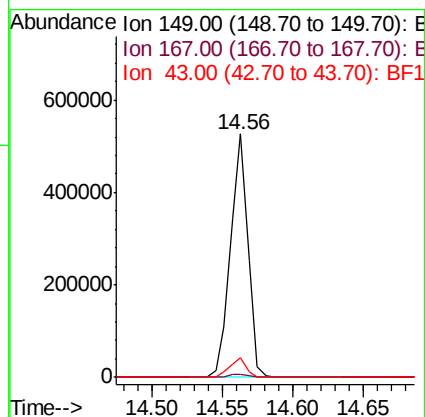
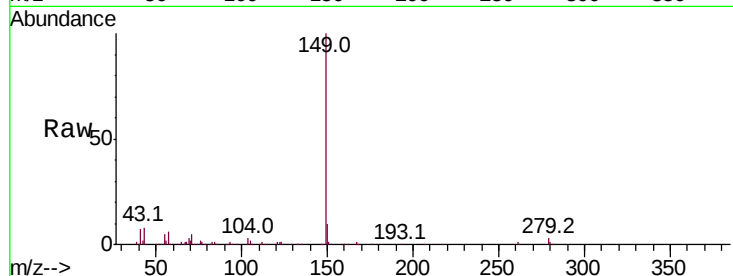




#85
Di-n-octyl phthalate
Concen: 54.607 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

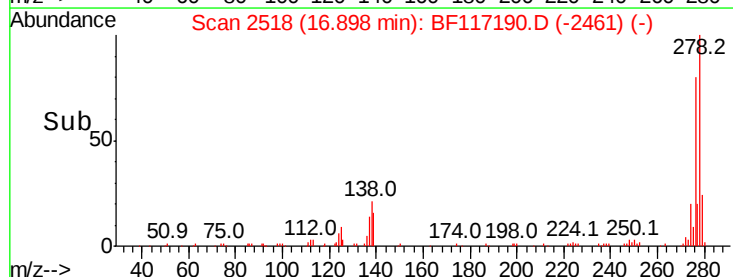
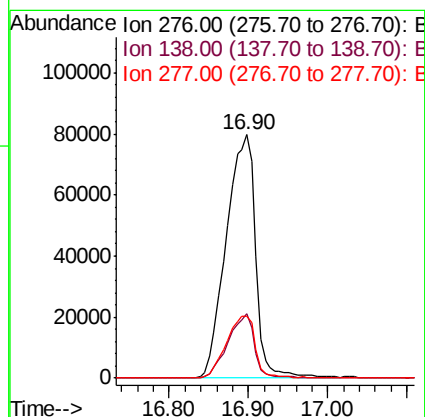
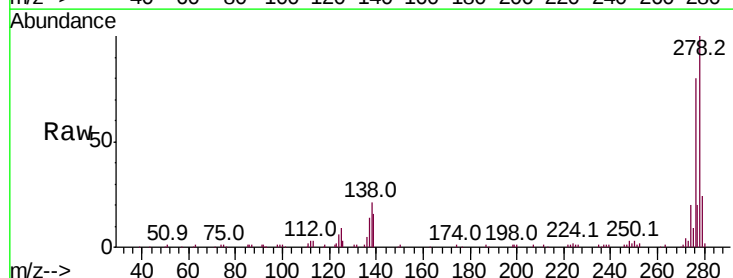
Instrument :
BNA_F
ClientSampleId :

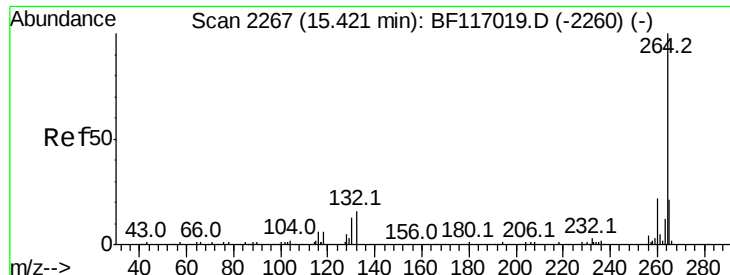
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.8	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.834 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.04 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.7	31.1
277	25.0	19.8	29.8

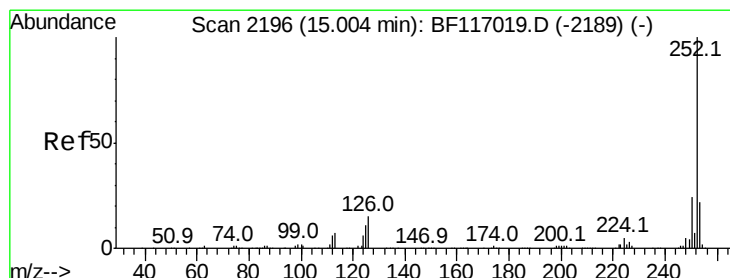
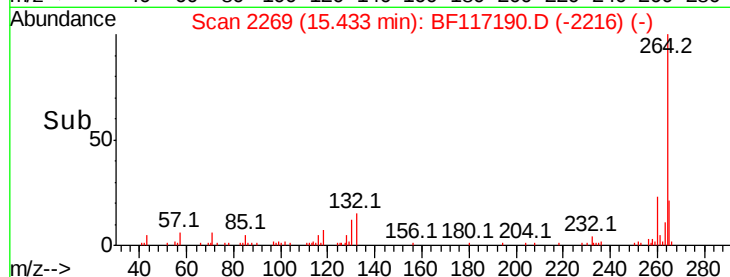
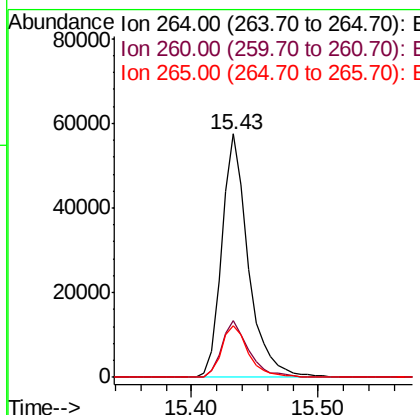
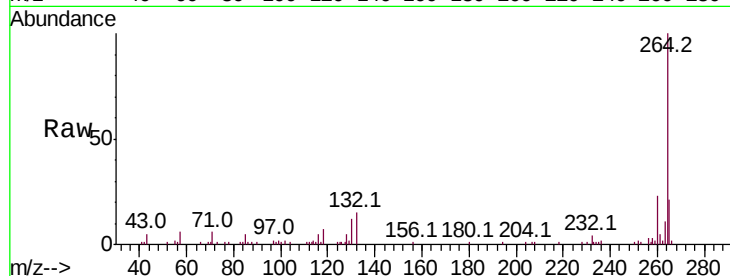




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

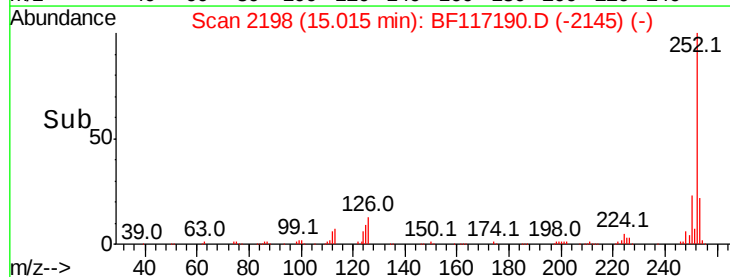
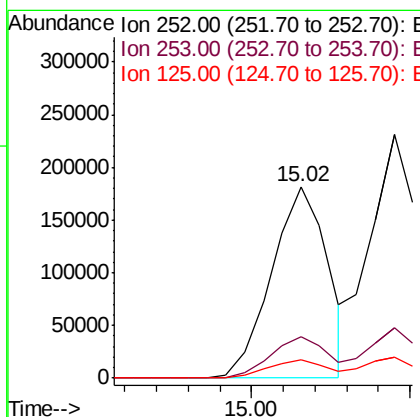
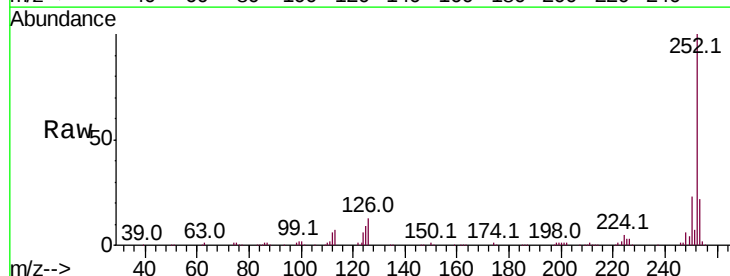
Instrument :
BNA_F
ClientSampleId :

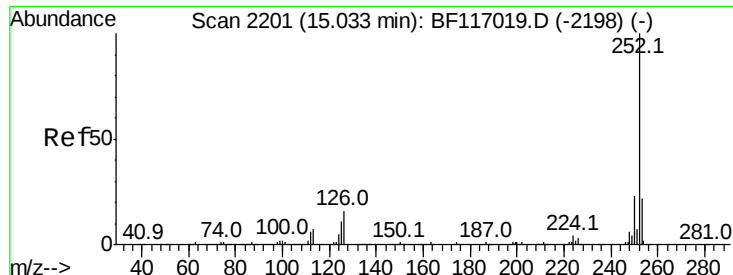
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.6	26.4
265	21.3	16.6	24.8



#88
Benzo(b)fluoranthene
Concen: 44.470 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.5	8.6	12.8

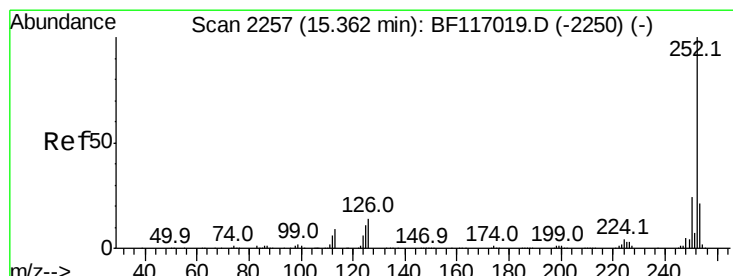
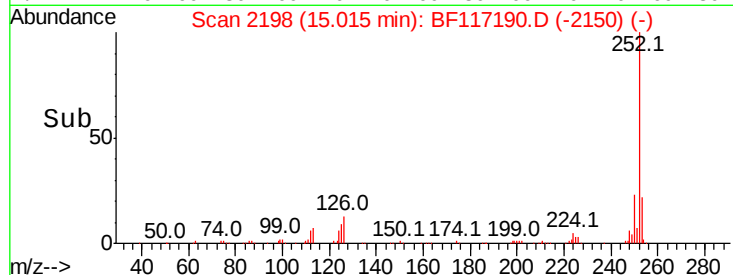
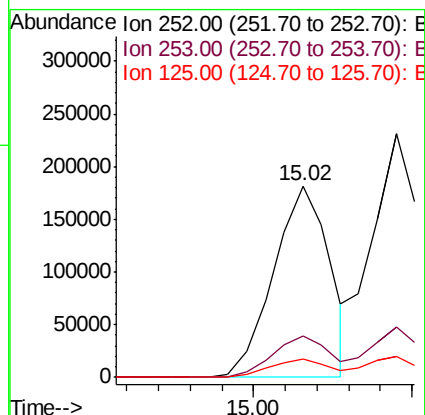
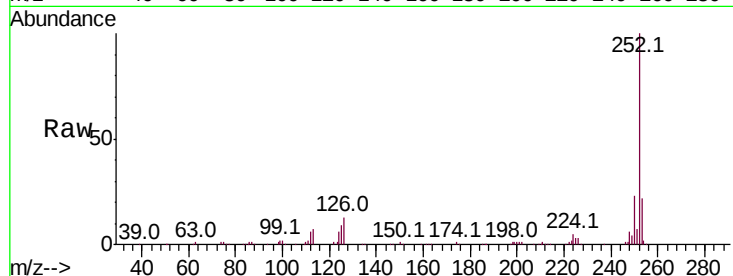




#89
Benzo(k)fluoranthene
Concen: 46.945 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

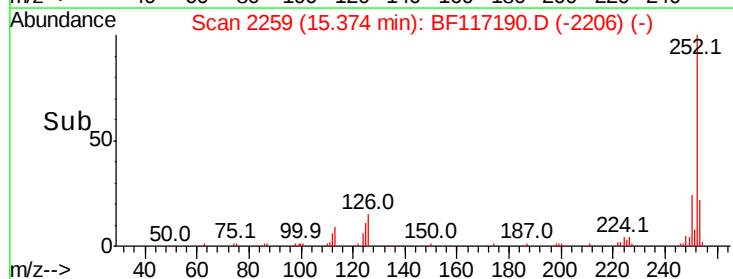
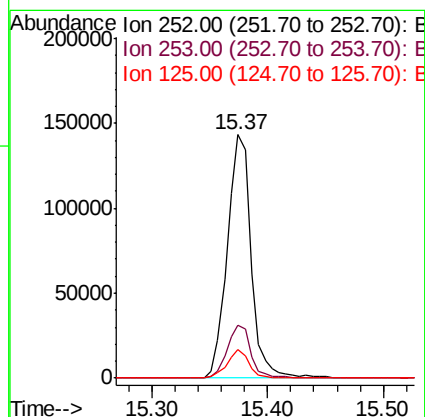
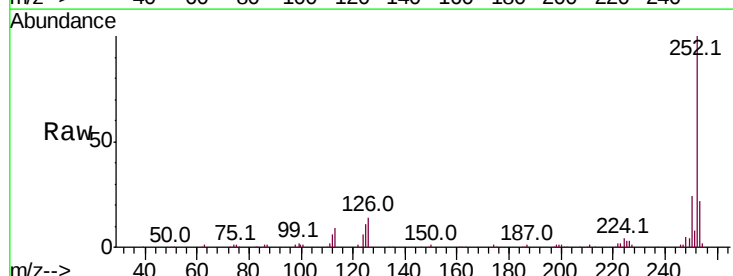
Instrument :
BNA_F
ClientSampleId :

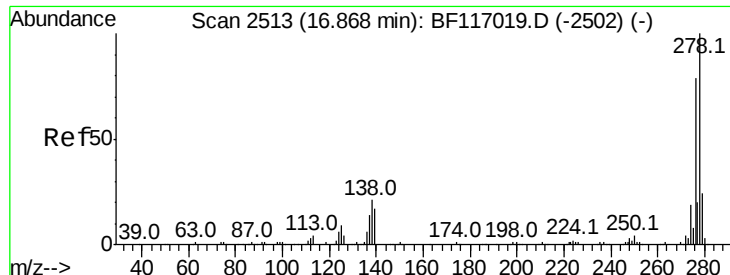
Tot Ion:252 Resp: 224133
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.5 8.8 13.2



#90
Benzo(a)pyrene
Concen: 46.462 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:252 Resp: 205492
Ion Ratio Lower Upper
252 100
253 21.6 16.6 25.0
125 11.5 8.9 13.3

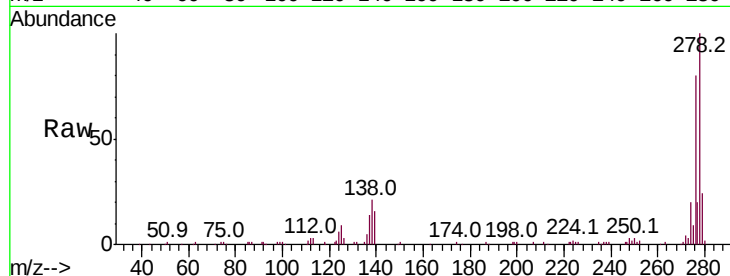




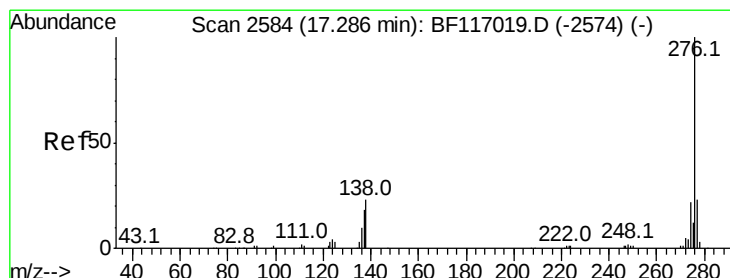
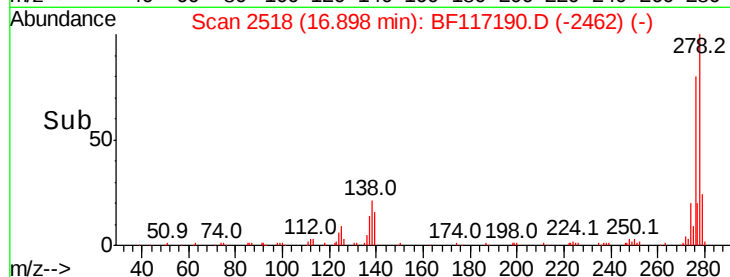
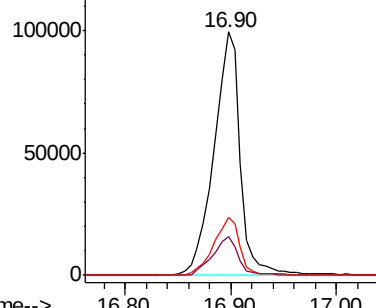
#91
Dibenzo(a,h)anthracene
Concen: 48.931 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.03 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 172401
Ion Ratio Lower Upper
278 100
139 15.9 13.5 20.3
279 23.9 18.8 28.2

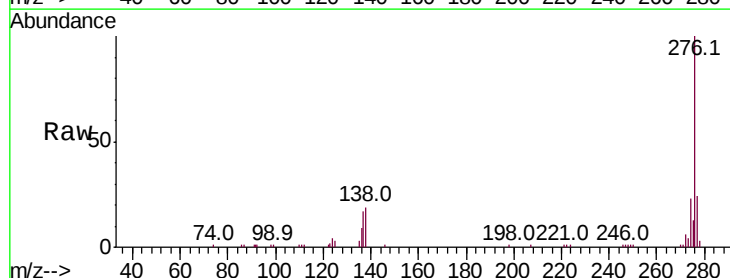


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.222 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117190.D
Acq: 20 Sep 2019 17:24

Tgt Ion:276 Resp: 158773
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 18.7 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

