

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117186.D
 Acq On : 20 Sep 2019 15:37
 Operator : HP/JU
 Sample : PB123244BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 22:58:47 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	40343	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	163659	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	88078	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	142672	20.00	ng	0.01
76) Chrysene-d12	13.99	240	94859	20.00	ng	0.01
87) Perylene-d12	15.44	264	76126	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	222978	86.29	ng	0.02
7) Phenol-d6	6.46	99	304247	91.11	ng	0.00
23) Nitrobenzene-d5	7.39	82	280735	90.13	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	76993	104.59	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	558627	99.17	ng	0.00
79) Terphenyl-d14	12.93	244	548876	108.16	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	30597	28.297	ng	97
3) Pyridine	3.41	79	73894	24.968	ng	99
4) n-Nitrosodimethylamine	3.36	42	44090	43.411	ng	# 73
6) Aniline	6.49	93	126248	29.363	ng	91
8) 2-Chlorophenol	6.61	128	119834	42.987	ng	98
9) Benzaldehyde	6.37	77	86412	55.427	ng	93
10) Phenol	6.48	94	151060	41.032	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	112231	41.478	ng	100
12) 1,3-Dichlorobenzene	6.76	146	120879	38.643	ng	99
13) 1,4-Dichlorobenzene	6.84	146	125351	39.267	ng	98
14) 1,2-Dichlorobenzene	6.99	146	120163	40.430	ng	99
15) Benzyl Alcohol	6.97	79	117124	45.736	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	101842	38.097	ng	69
17) 2-Methylphenol	7.08	107	100380	42.965	ng	# 91
18) Hexachloroethane	7.33	117	50306	40.963	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	92003	45.244	ng	94
20) 3+4-Methylphenols	7.23	107	132633	45.577	ng	91
22) Acetophenone	7.23	105	183434	44.115	ng	94
24) Nitrobenzene	7.40	77	138384	44.989	ng	97
25) Isophorone	7.65	82	252335	45.754	ng	98
26) 2-Nitrophenol	7.72	139	59931	45.360	ng	# 89
27) 2,4-Dimethylphenol	7.76	122	108419	51.746	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	147735	43.479	ng	97
29) 2,4-Dichlorophenol	7.96	162	101755	46.349	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	101586	42.830	ng	99
31) Naphthalene	8.12	128	349849	44.448	ng	99
32) Benzoic acid	7.92	122	57312	37.843	ng	92
33) 4-Chloroaniline	8.17	127	58551	16.772	ng	99
34) Hexachlorobutadiene	8.25	225	60164	44.709	ng	96
35) Caprolactam	8.56	113	15728	21.166	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	121791	47.577	ng	96
37) 2-Methylnaphthalene	8.82	142	243966	46.029	ng	99
38) 1-Methylnaphthalene	8.92	142	225743	45.475	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	98486	43.302	ng	# 97

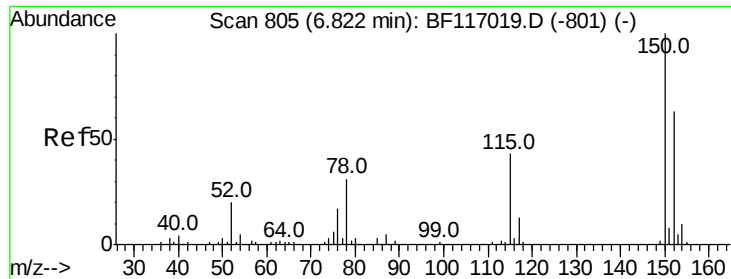
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117186.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	109795	106.346	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	66861	43.318	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	76650	46.481	ng	97
46) 1,1'-Biphenyl	9.28	154	298163	43.157	ng	99
47) 2-Chloronaphthalene	9.30	162	228674	41.939	ng	98
48) 2-Nitroaniline	9.40	65	70912	40.546	ng	91
49) Acenaphthylene	9.72	152	363251	44.471	ng	100
50) Dimethylphthalate	9.58	163	279584	44.831	ng	99
51) 2,6-Dinitrotoluene	9.65	165	58985	46.440	ng #	73
52) Acenaphthene	9.89	154	209959	43.362	ng	99
53) 3-Nitroaniline	9.82	138	31784	19.834	ng	93
54) 2,4-Dinitrophenol	9.93	184	43634	79.611	ng	90
55) Dibenzofuran	10.06	168	329624	46.140	ng	97
56) 4-Nitrophenol	9.99	139	75866	73.045	ng	85
57) 2,4-Dinitrotoluene	10.06	165	78356	47.525	ng #	85
58) Fluorene	10.41	166	269480	46.827	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	57397	45.483	ng #	95
60) Diethylphthalate	10.28	149	294085	47.932	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	123395	49.559	ng	96
62) 4-Nitroaniline	10.44	138	61785	37.073	ng #	84
63) Azobenzene	10.56	77	296306	47.285	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	32272	49.407	ng	80
66) n-Nitrosodiphenylamine	10.52	169	235232	47.741	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	71185	48.856	ng	96
68) Hexachlorobenzene	10.96	284	72916	45.755	ng	97
69) Atrazine	11.05	200	65635	57.813	ng	98
70) Pentachlorophenol	11.16	266	71175	95.280	ng	99
71) Phenanthrene	11.37	178	363395	44.843	ng	99
72) Anthracene	11.42	178	385193	46.559	ng	99
73) Carbazole	11.57	167	333080	42.414	ng	99
74) Di-n-butylphthalate	11.90	149	477875	51.146	ng	99
75) Fluoranthene	12.56	202	366963	44.071	ng	97
77) Benzidine	12.67	184	199532	65.299	ng	98
78) Pyrene	12.79	202	362720	45.571	ng	99
80) Butylbenzylphthalate	13.39	149	184804	49.138	ng	95
81) Benzo(a)anthracene	13.97	228	278395	43.927	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	44902	21.986	ng	98
83) Chrysene	14.02	228	266716	43.149	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	273065	56.312	ng	98
85) Di-n-octyl phthalate	14.57	149	420507	55.096	ng	100
86) Indeno(1,2,3-cd)pyrene	16.90	276	191216	42.402	ng	97
88) Benzo(b)fluoranthene	15.02	252	203208	44.068	ng	98
89) Benzo(k)fluoranthene	15.05	252	217536	49.801	ng	99
90) Benzo(a)pyrene	15.39	252	189323	46.788	ng	98
91) Dibenzo(a,h)anthracene	16.91	278	161896	50.223	ng	98
92) Benzo(g,h,i)perylene	17.33	276	152250	47.397	ng	94

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

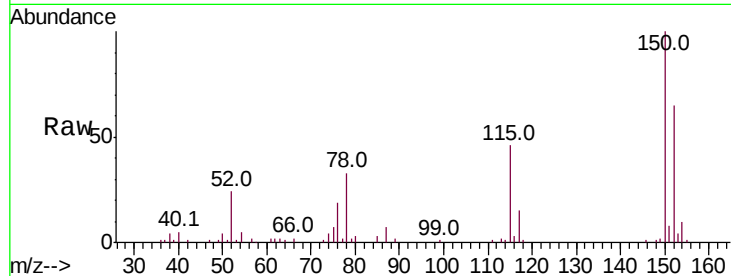


#1

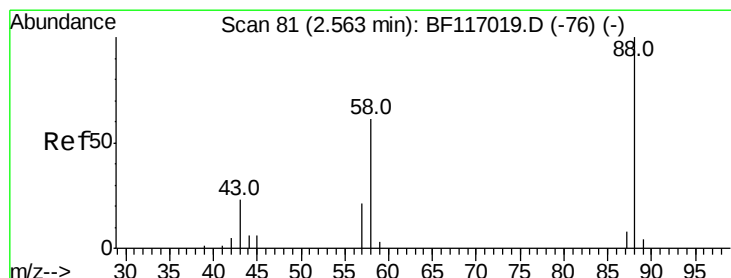
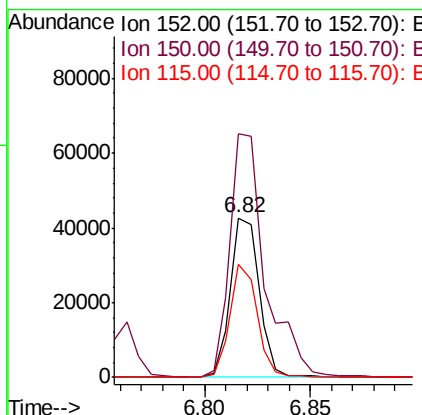
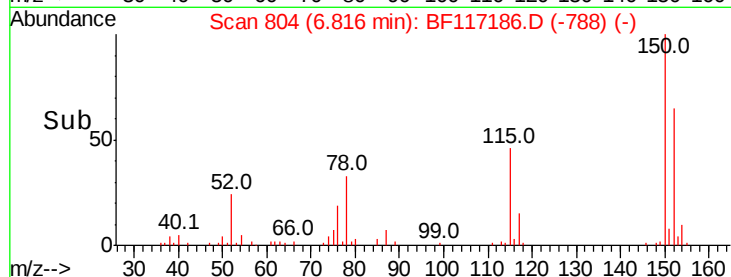
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 40343
Ion Ratio Lower Upper
152 100
150 152.8 127.5 191.3
115 71.0 55.0 82.4



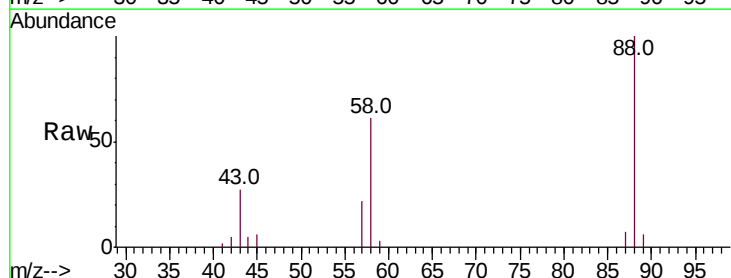
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



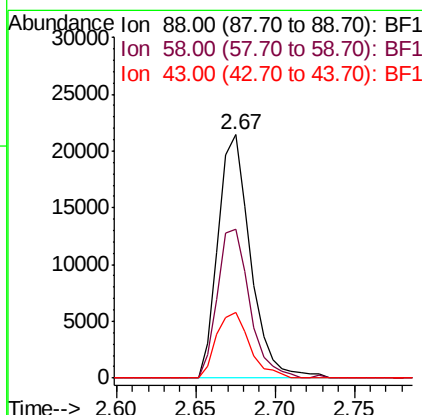
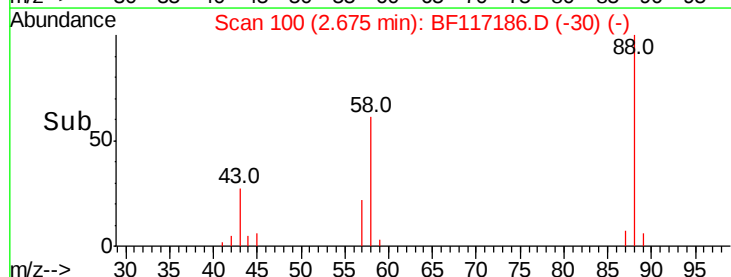
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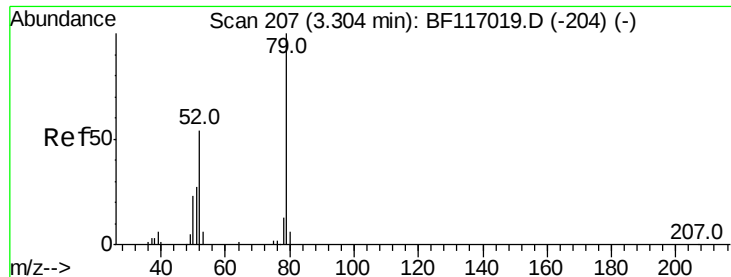
1,4-Dioxane
Concen: 28.297 ng
RT: 2.67 min Scan# 100
Delta R.T. 0.11 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion: 88 Resp: 30597
Ion Ratio Lower Upper
88 100
58 60.6 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

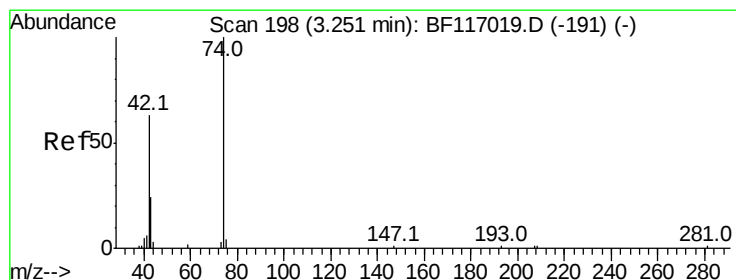
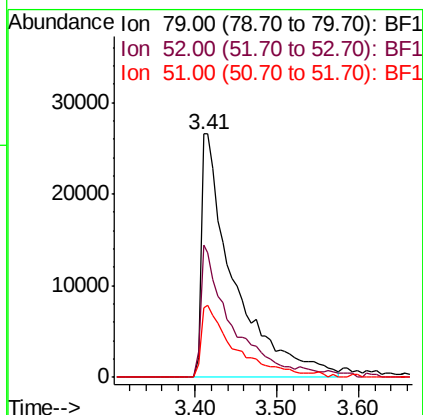
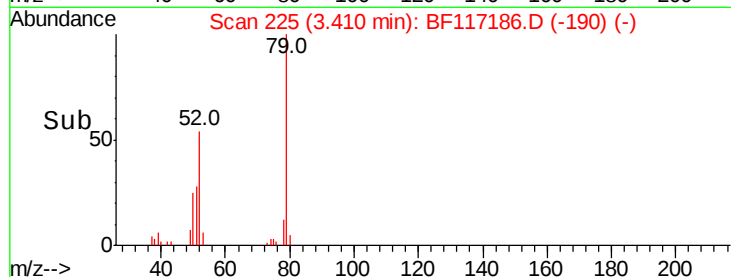
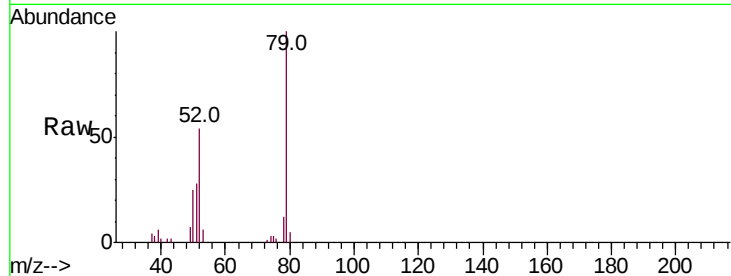




#3
 Pvridine
 Concen: 24.968 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.11 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

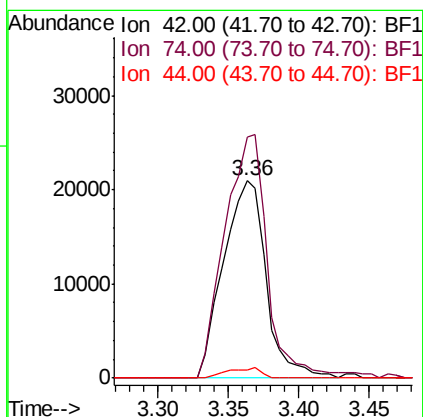
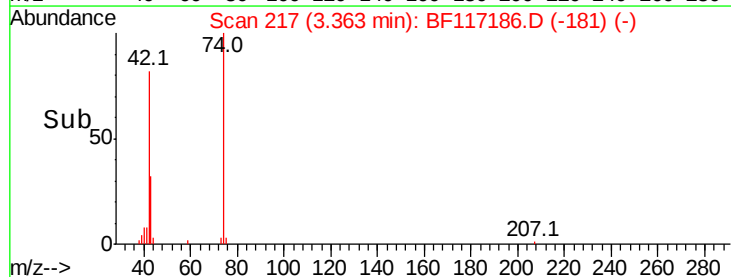
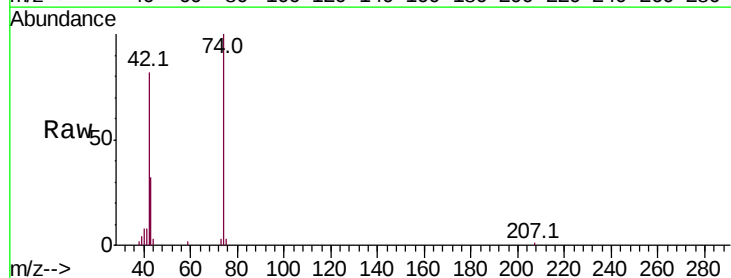
Instrument :
 BNA_F
 ClientSampleId :

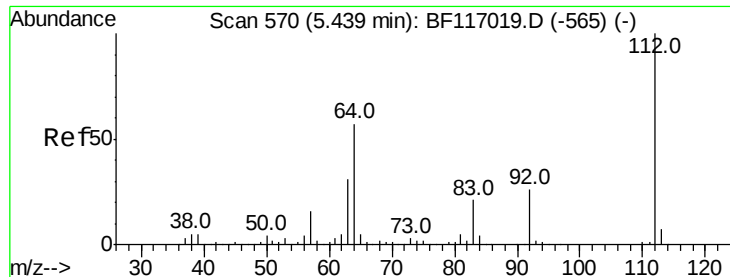
Tot Ion: 79 Resp: 73894
 Ion Ratio Lower Upper
 79 100
 52 54.2 43.5 65.3
 51 28.5 21.8 32.6



#4
 n-Nitrosodimethylamine
 Concen: 43.411 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.11 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion: 42 Resp: 44090
 Ion Ratio Lower Upper
 42 100
 74 122.0 127.1 190.7#
 44 3.8 4.3 6.5#





#5

2-Fluorophenol

Concen: 86.291 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampled :

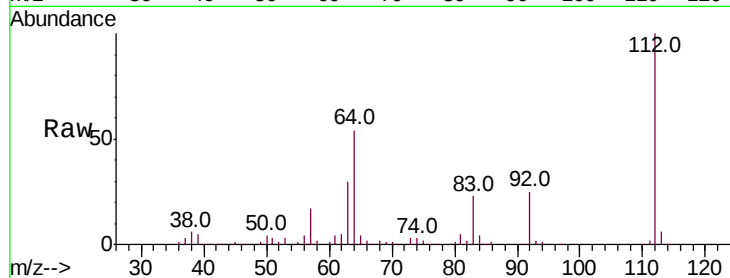
Tot Ion:112 Resp: 222978

Ion Ratio Lower Upper

112 100

64 53.6 45.7 68.5

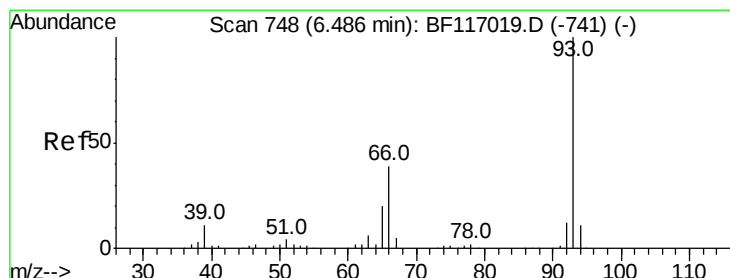
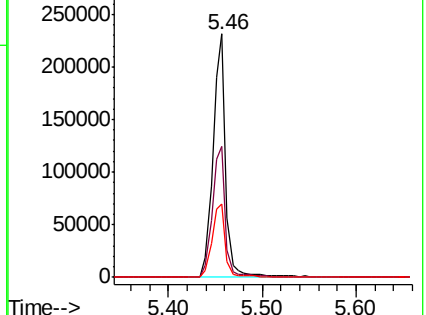
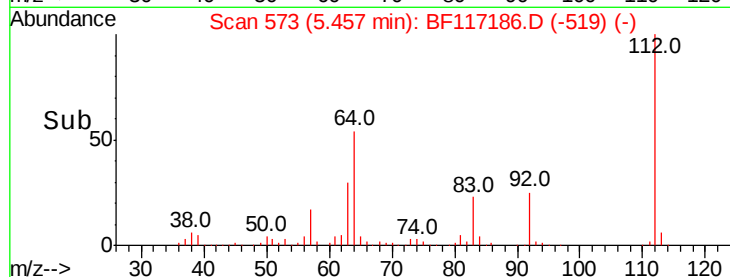
63 30.3 24.9 37.3



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: 29.363 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

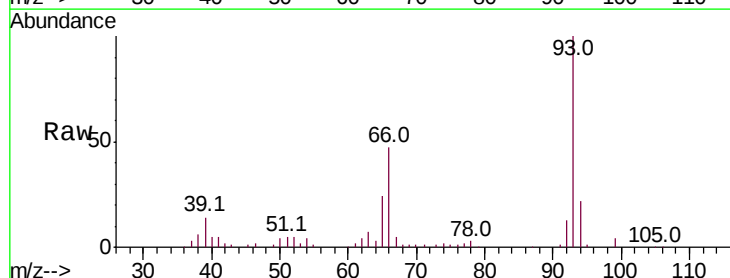
Tgt Ion: 93 Resp: 126248

Ion Ratio Lower Upper

93 100

66 46.6 32.6 49.0

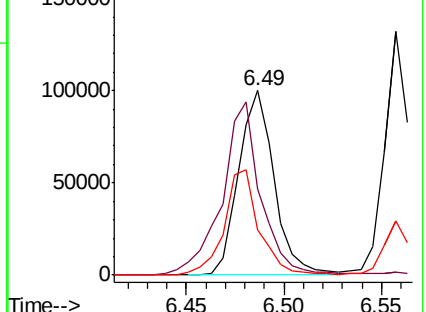
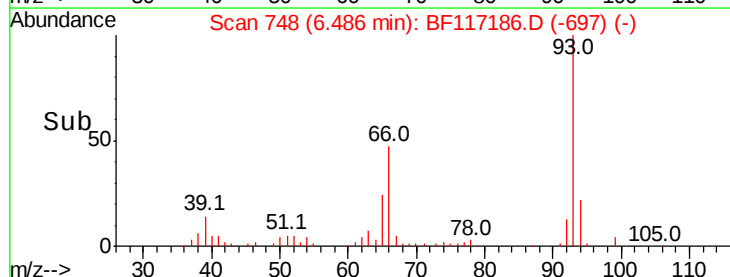
65 24.3 16.7 25.1

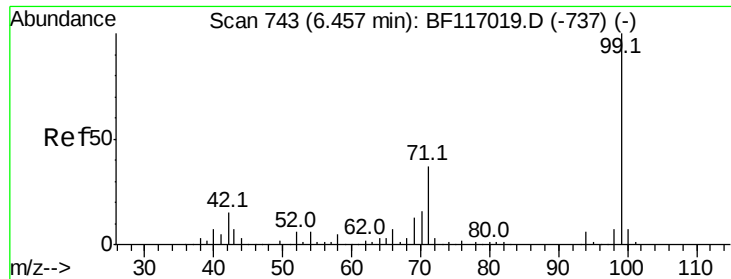


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.106 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampleId :

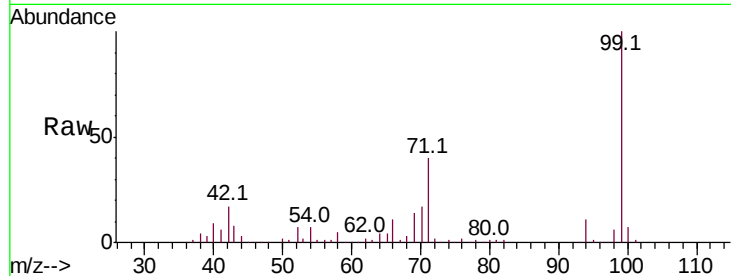
Tot Ion: 99 Resp: 304247

Ion Ratio Lower Upper

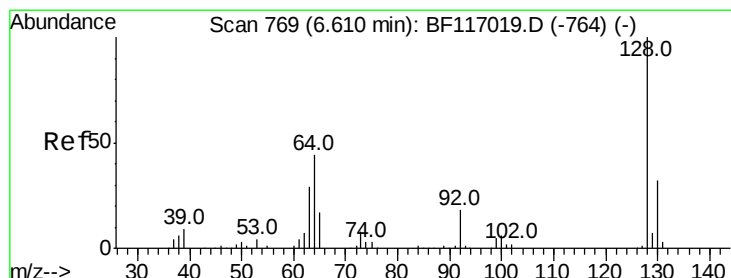
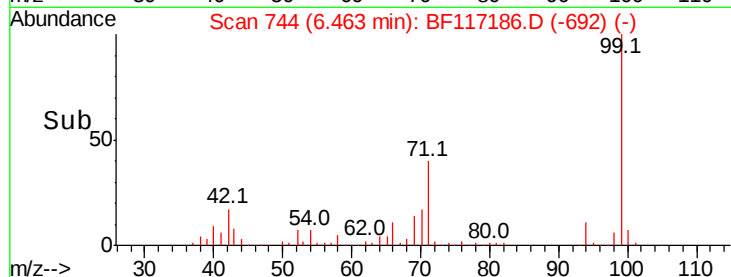
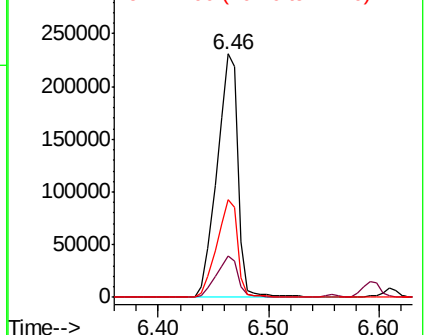
99 100

42 17.2 12.2 18.2

71 40.3 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: 42.987 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

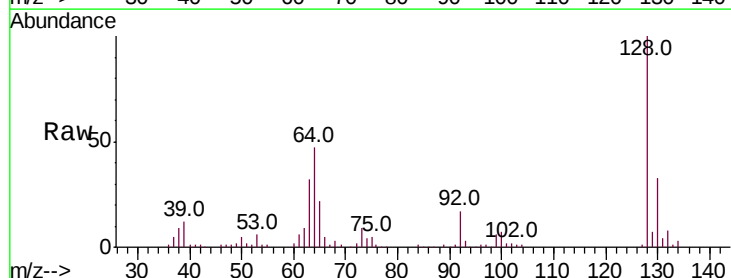
Tgt Ion: 128 Resp: 119834

Ion Ratio Lower Upper

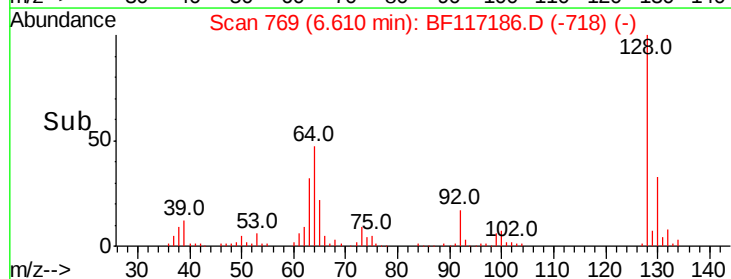
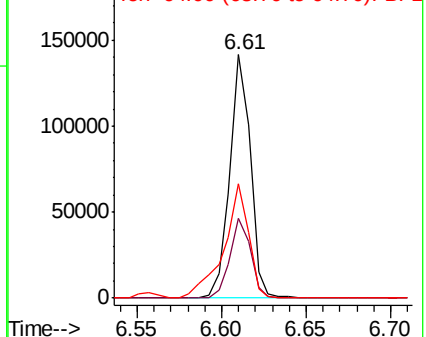
128 100

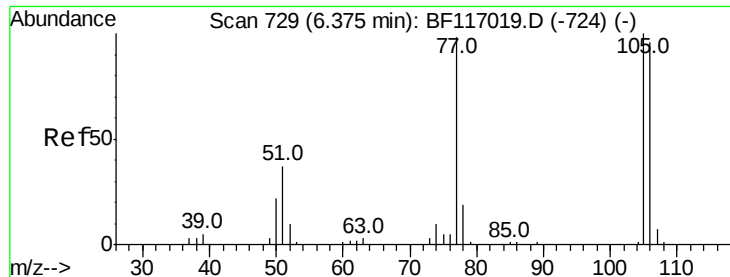
130 33.0 11.8 51.8

64 46.7 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: 55.427 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampled :

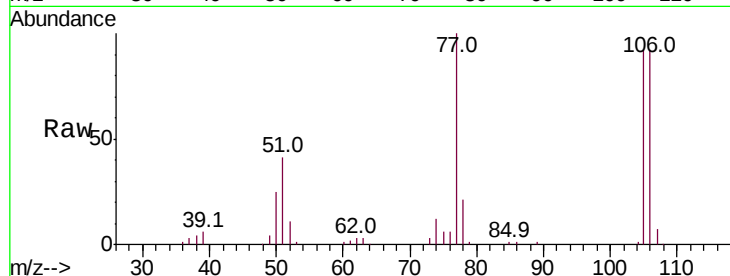
Tot Ion: 77 Resp: 86412

Ion Ratio Lower Upper

77 100

105 92.4 81.8 121.8

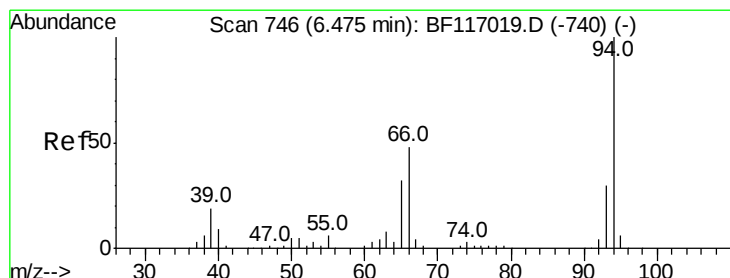
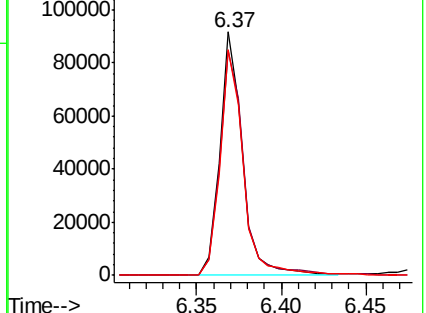
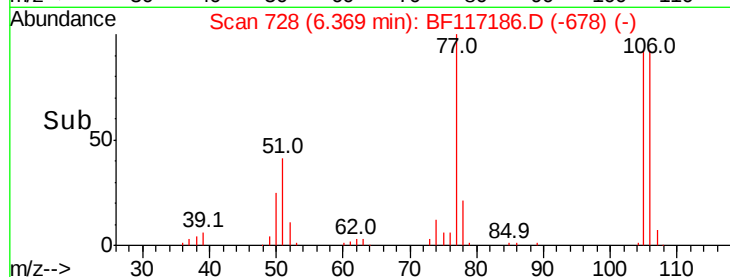
106 92.5 77.3 117.3



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: 41.032 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

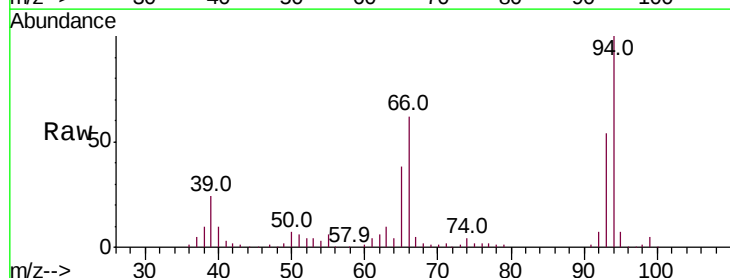
Tgt Ion: 94 Resp: 151060

Ion Ratio Lower Upper

94 100

65 37.9 12.5 52.5

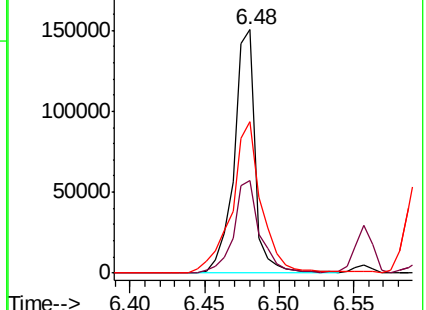
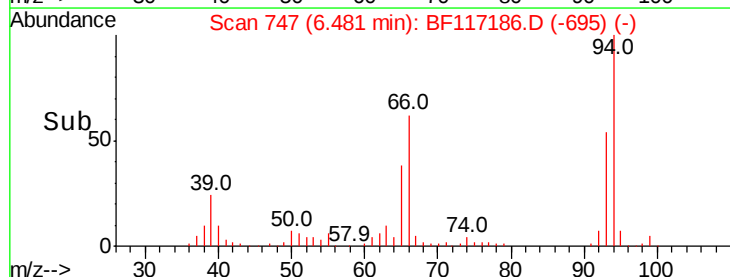
66 62.2 28.9 68.9

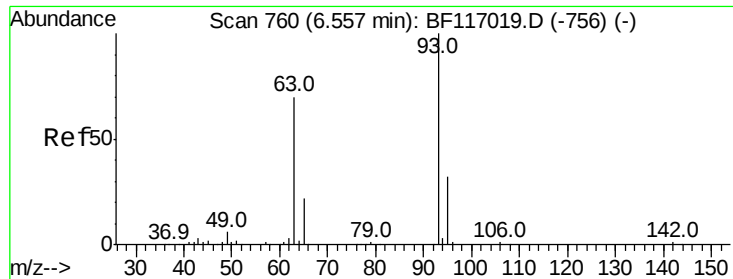


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.478 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampleId :

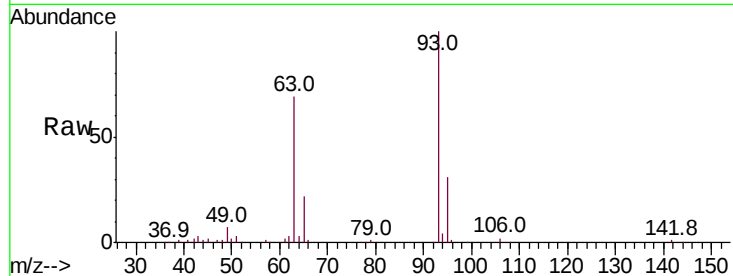
Tot Ion: 93 Resp: 112231

Ion Ratio Lower Upper

93 100

63 69.4 49.3 89.3

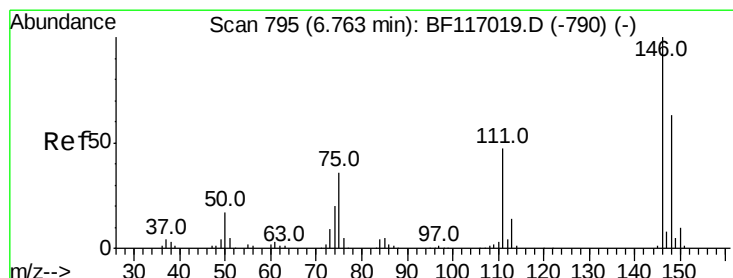
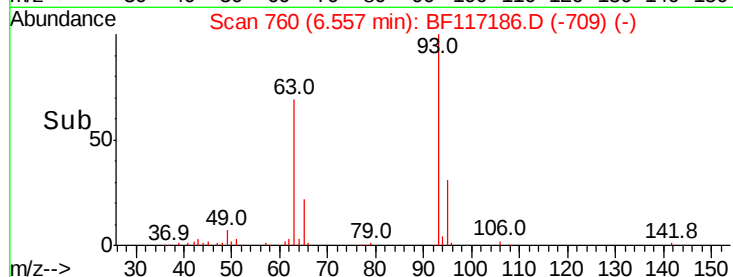
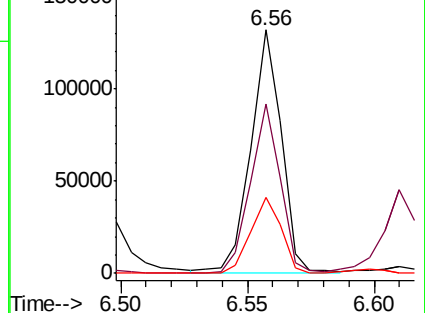
95 31.4 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.643 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

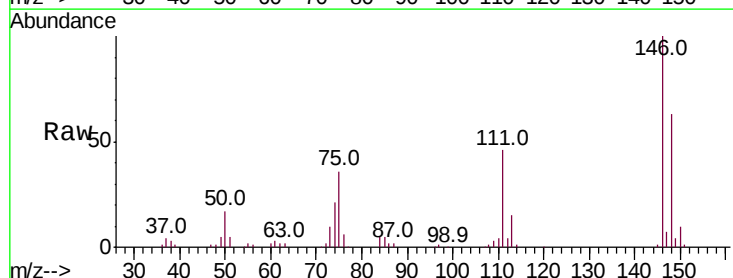
Tgt Ion: 146 Resp: 120879

Ion Ratio Lower Upper

146 100

148 62.5 50.8 76.2

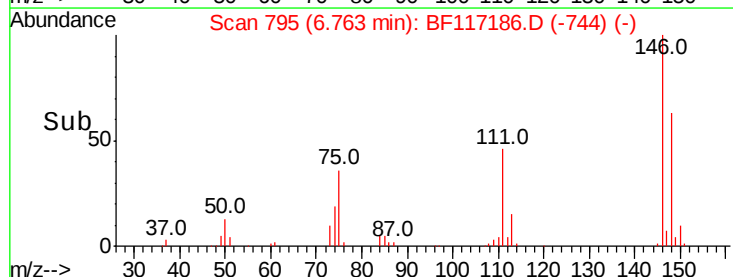
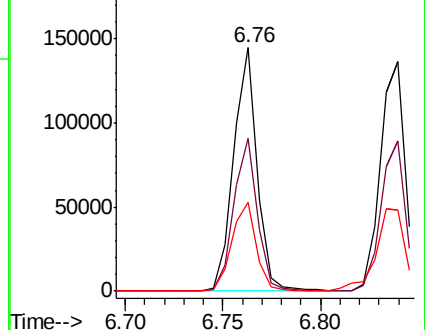
75 36.5 28.7 43.1

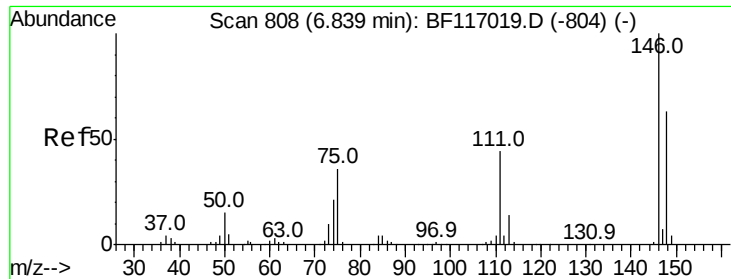


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

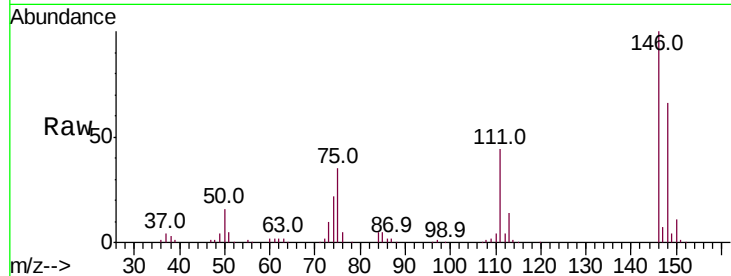




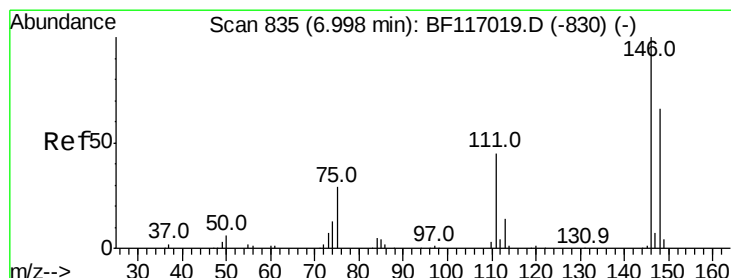
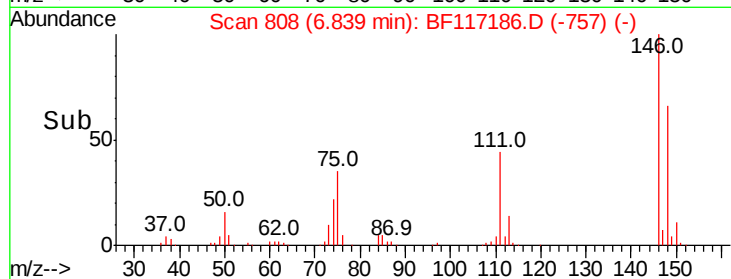
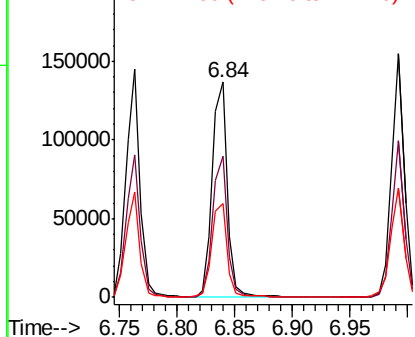
#13
 1,4-Dichlorobenzene
 Concen: 39.267 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 125351
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.6 76.0
 111 43.8 35.0 52.6

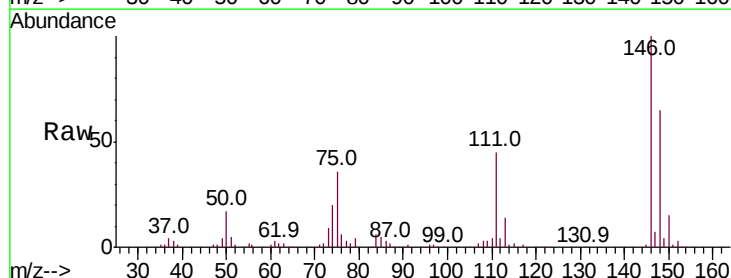


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

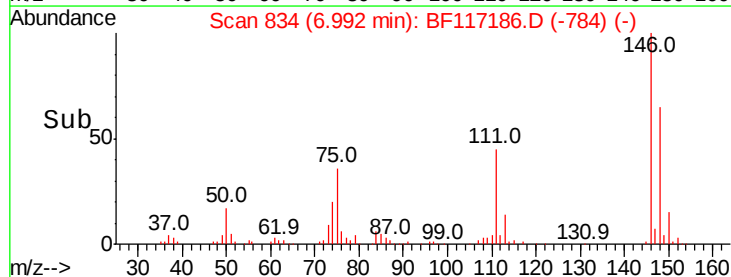
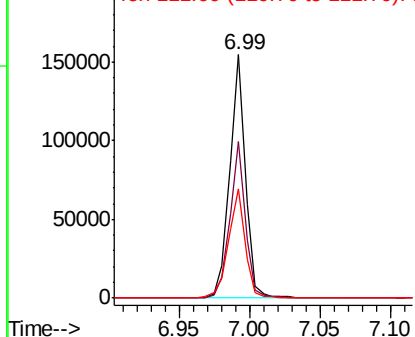


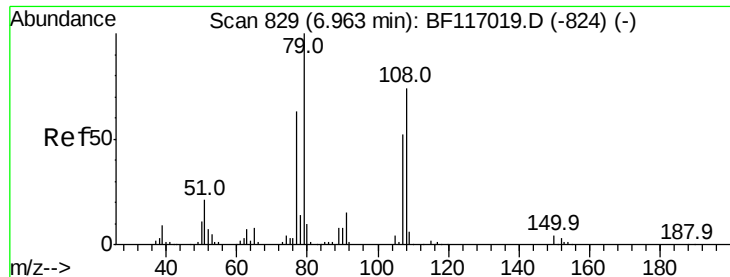
#14
 1,2-Dichlorobenzene
 Concen: 40.430 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion:146 Resp: 120163
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.6 78.8
 111 45.0 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: 45.736 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampled :

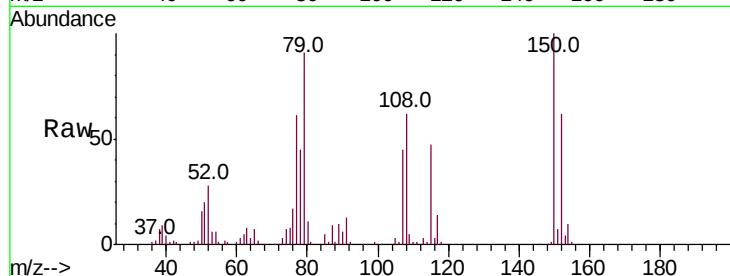
Tot Ion: 79 Resp: 117124

Ion Ratio Lower Upper

79 100

108 68.3 59.4 89.0

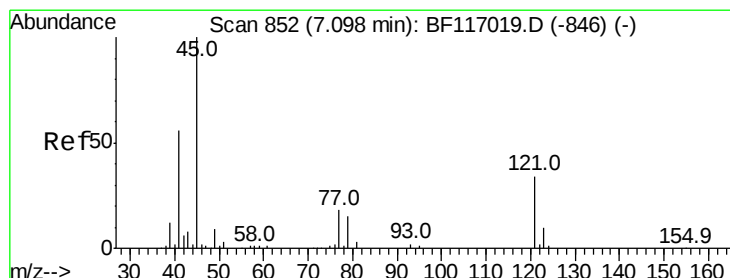
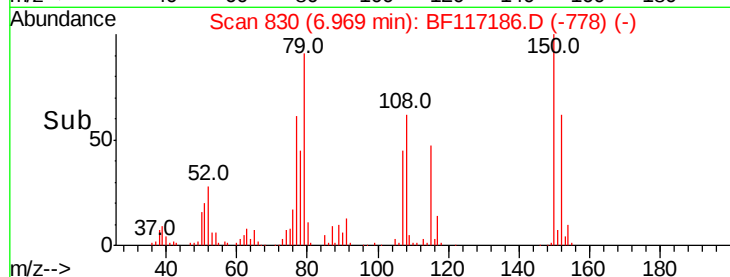
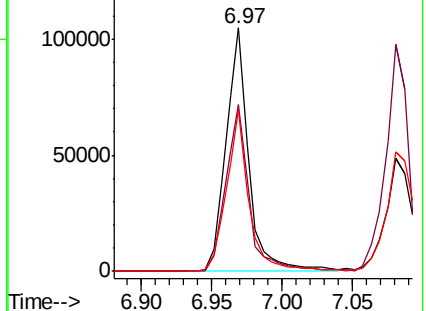
77 66.6 50.2 75.2



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: 38.097 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

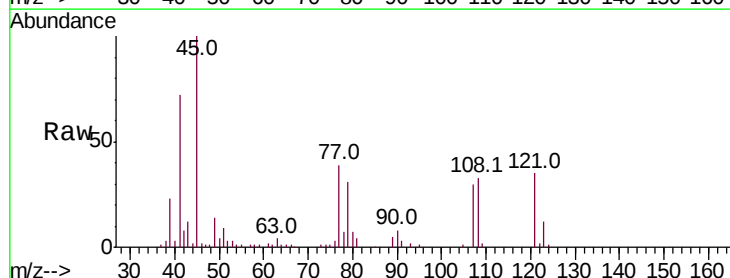
Tgt Ion: 45 Resp: 101842

Ion Ratio Lower Upper

45 100

77 38.8 2.7 42.7

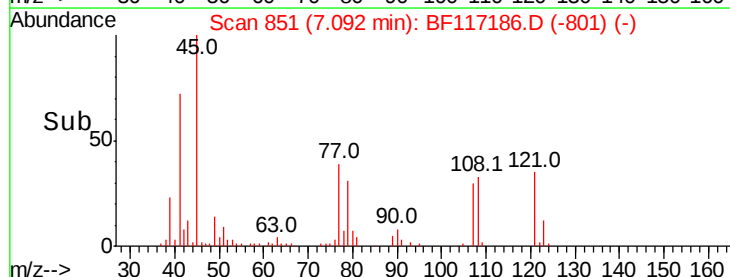
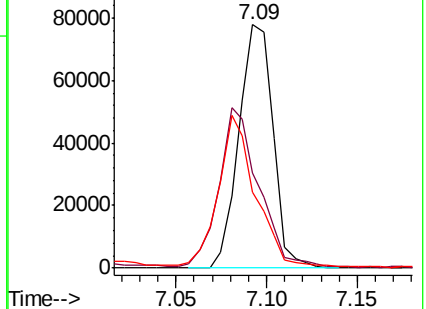
79 31.2 0.0 38.9

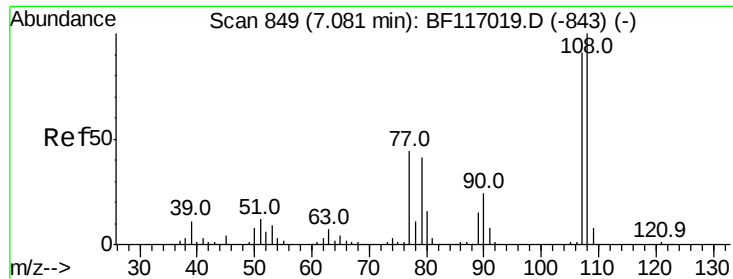


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

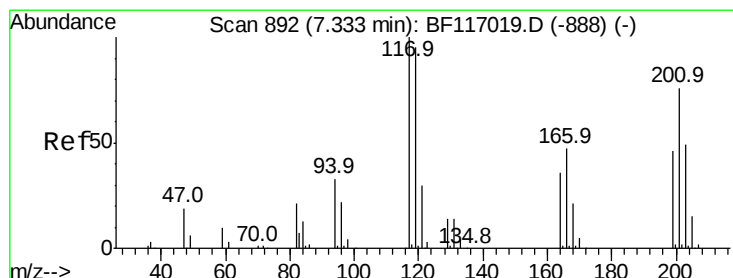
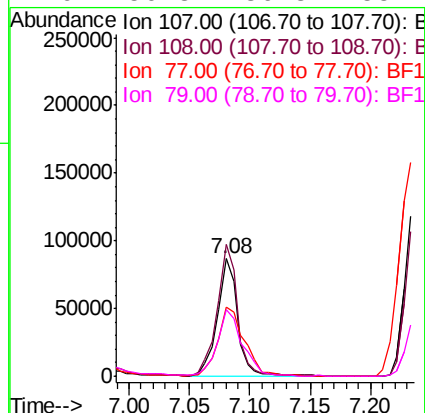
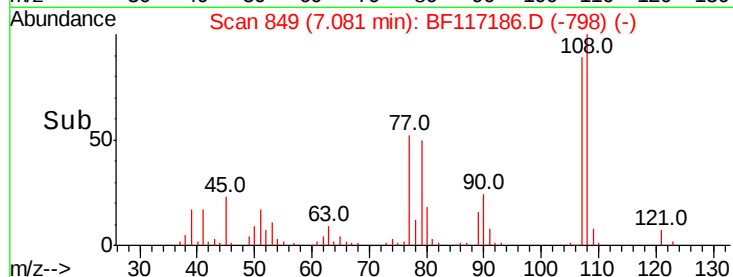
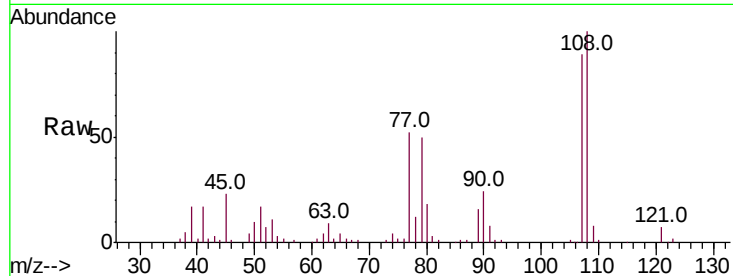




#17
2-Methylphenol
Concen: 42.965 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

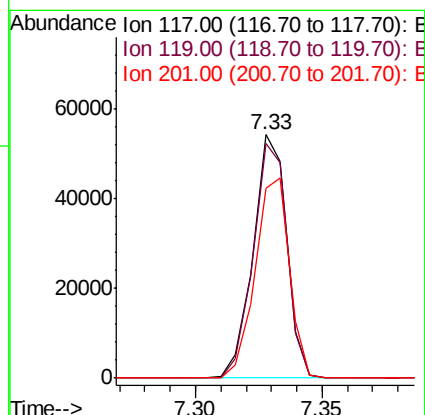
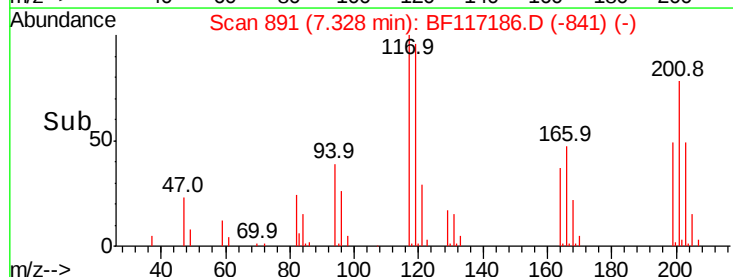
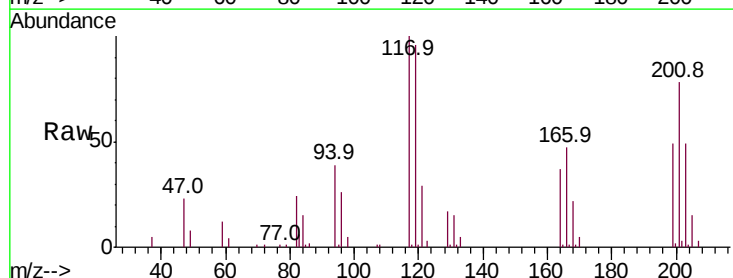
Instrument :
BNA_F
ClientSampled :

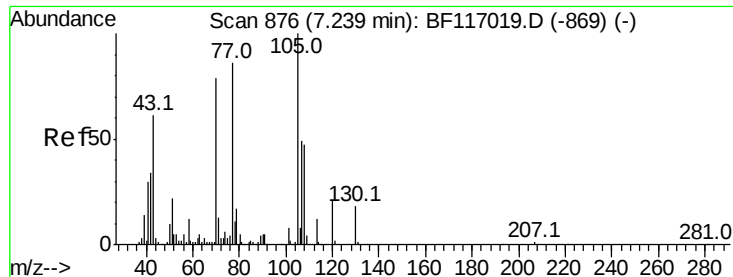
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	87.7	131.5
77	59.2	38.6	58.0#
79	56.3	36.8	55.2#



#18
Hexachloroethane
Concen: 40.963 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	78.1	60.9	91.3

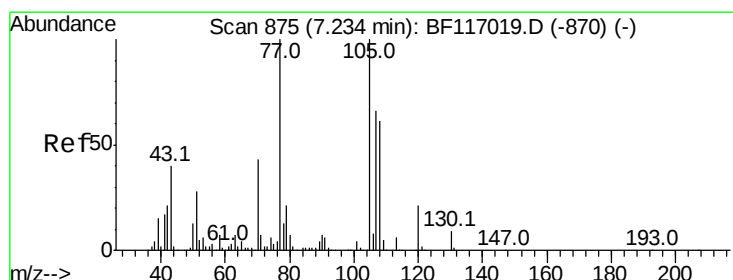
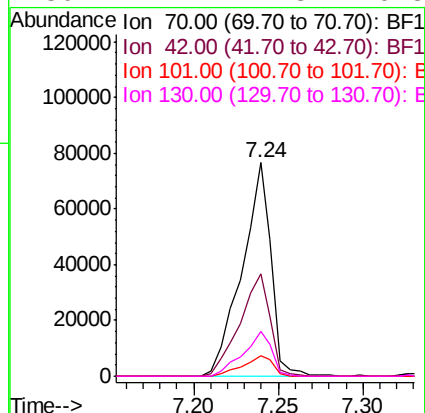
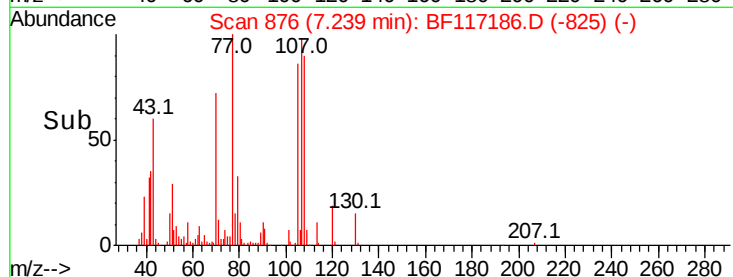
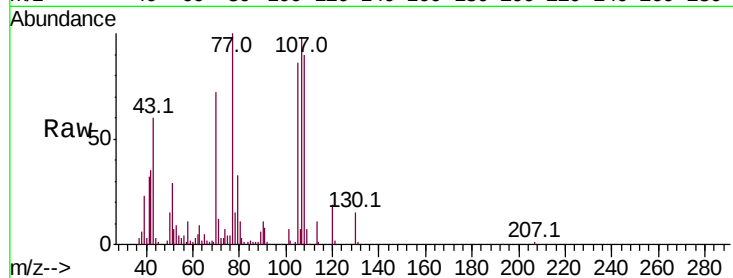




#19
n-Nitroso-di-n-propylamine
Concen: 45.244 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

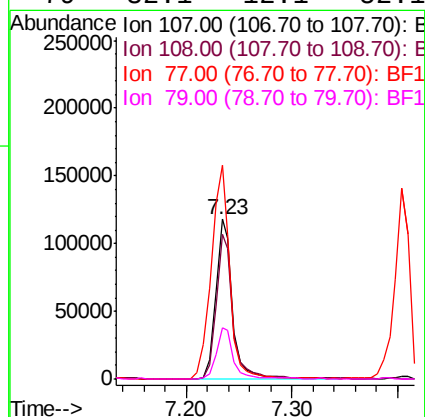
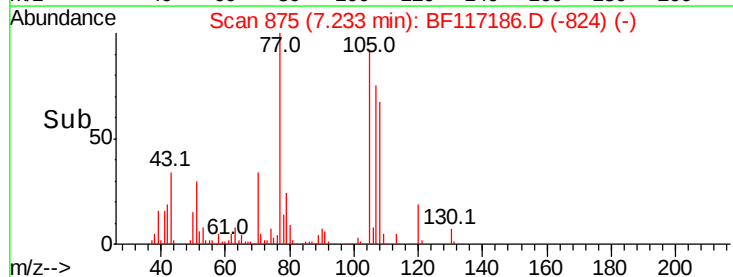
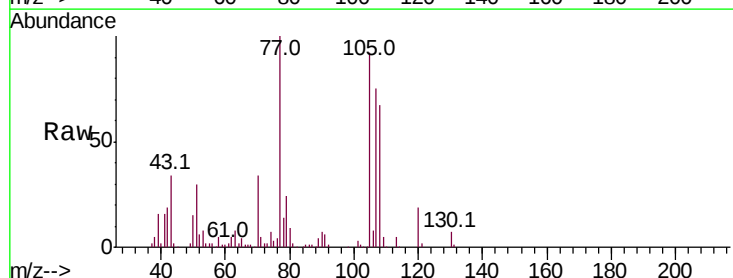
Instrument :
BNA_F
ClientSampleId :

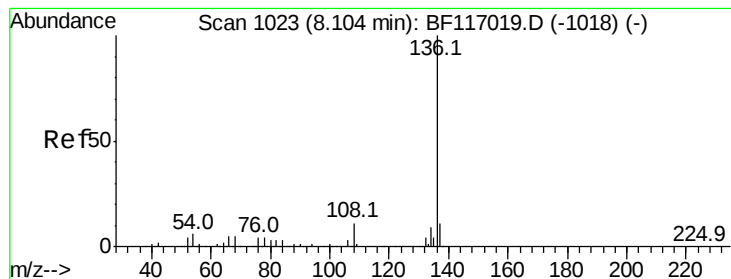
Tot Ion:	70	Resp:	92003
Ion	Ratio	Lower	Upper
70	100		
42	48.1	34.0	51.0
101	9.8	7.8	11.6
130	21.1	17.8	26.8



#20
3+4-Methylphenols
Concen: 45.577 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion:	107	Resp:	132633
Ion	Ratio	Lower	Upper
107	100		
108	90.3	72.6	112.6
77	133.9	132.1	172.1
79	32.1	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: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 163659

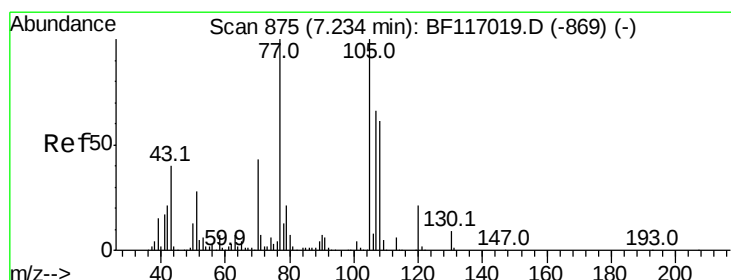
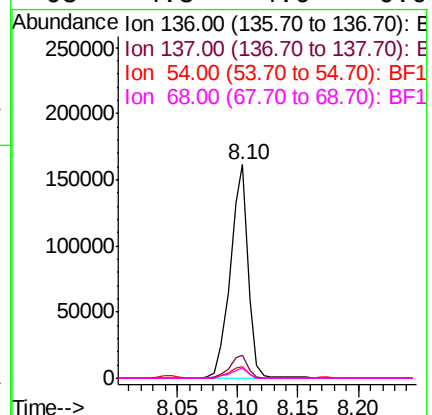
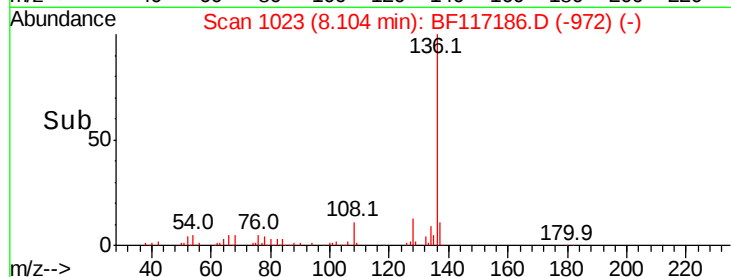
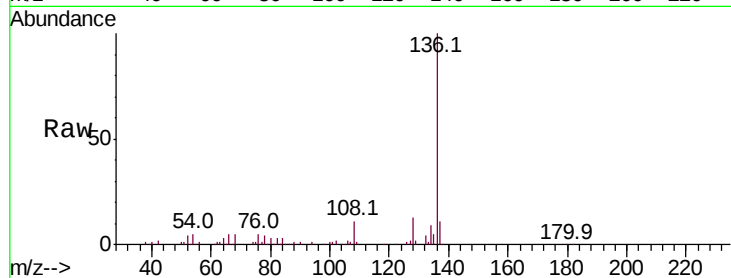
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.2 4.5 6.7

68 4.8 4.0 6.0



#22

Acetophenone

Concen: 44.115 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Tgt Ion:105 Resp: 183434

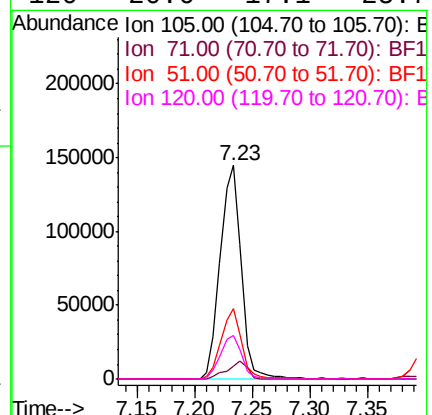
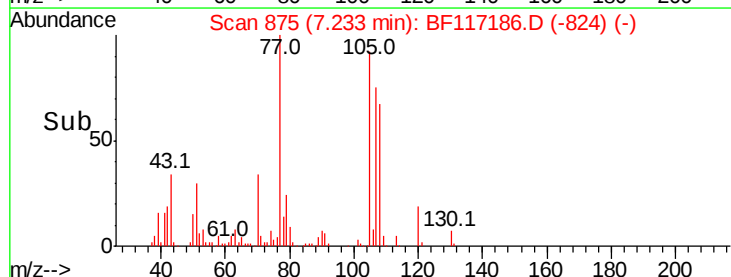
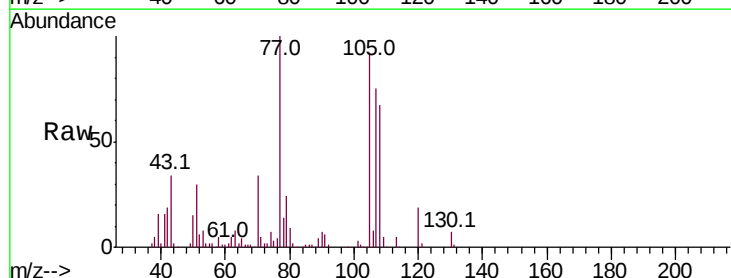
Ion Ratio Lower Upper

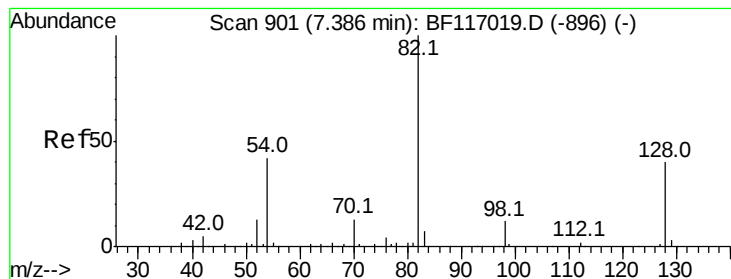
105 100

71 5.9 5.7 8.5

51 33.0 22.1 33.1

120 20.6 17.1 25.7





#23

Nitrobenzene-d5

Concen: 90.129 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampled :

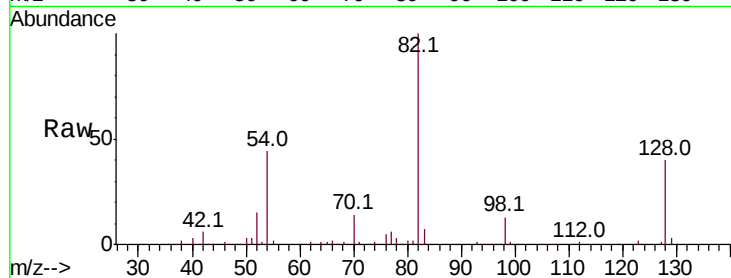
Tot Ion: 82 Resp: 280735

Ion Ratio Lower Upper

82 100

128 40.1 32.3 48.5

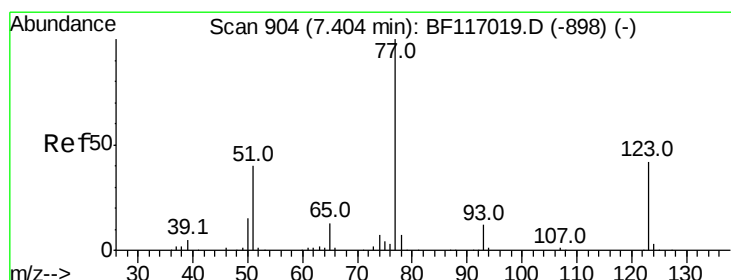
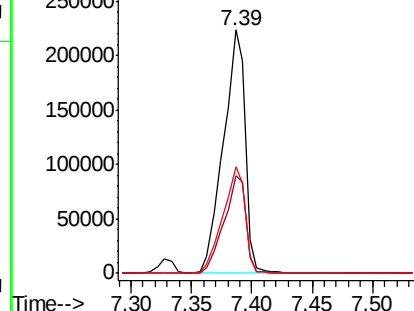
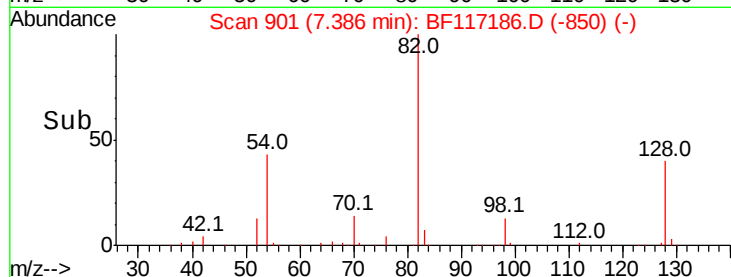
54 43.9 33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 44.989 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

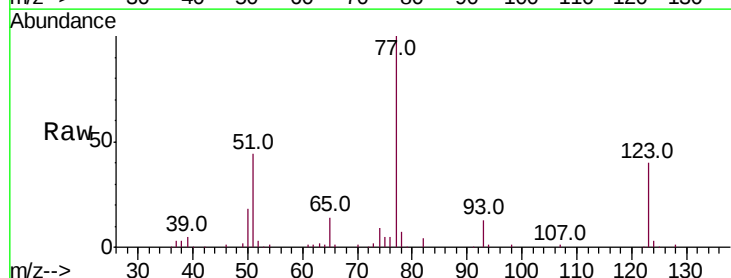
Tgt Ion: 77 Resp: 138384

Ion Ratio Lower Upper

77 100

123 40.1 33.5 50.3

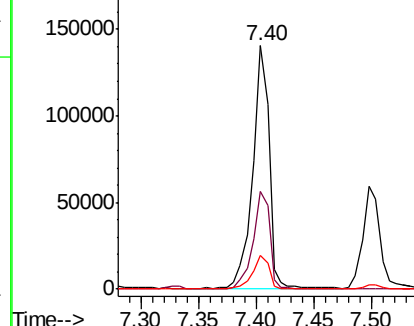
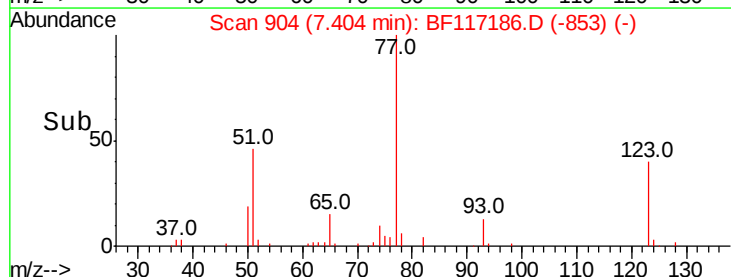
65 13.7 10.5 15.7

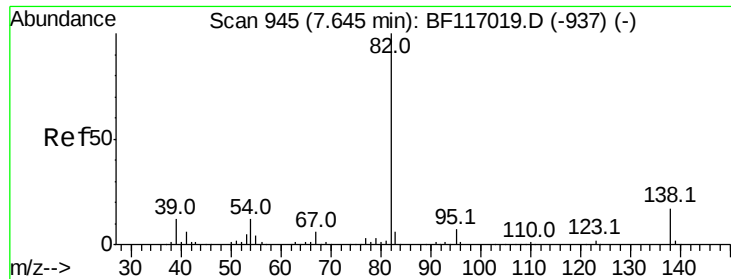


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.754 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampleId :

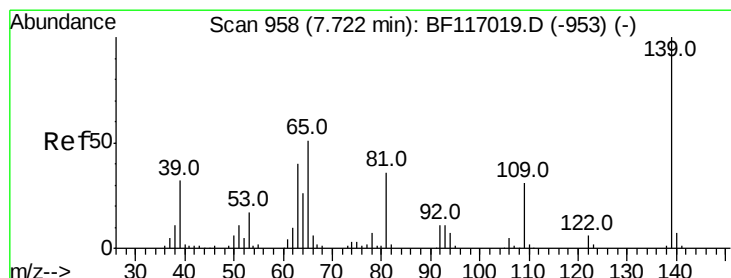
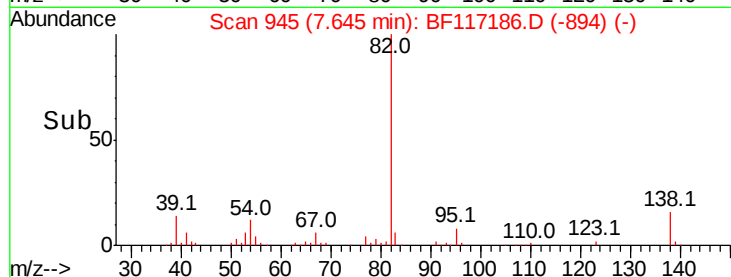
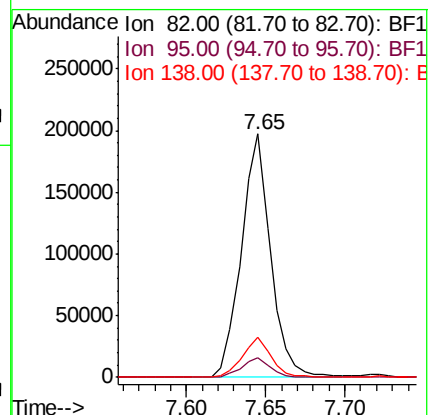
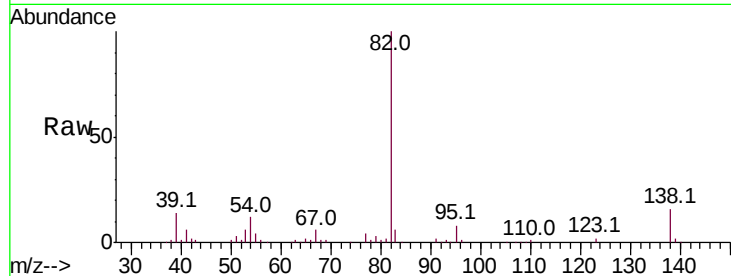
Tot Ion: 82 Resp: 252335

Ion Ratio Lower Upper

82 100

95 8.0 5.8 8.6

138 16.3 13.5 20.3



#26

2-Nitrophenol

Concen: 45.360 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

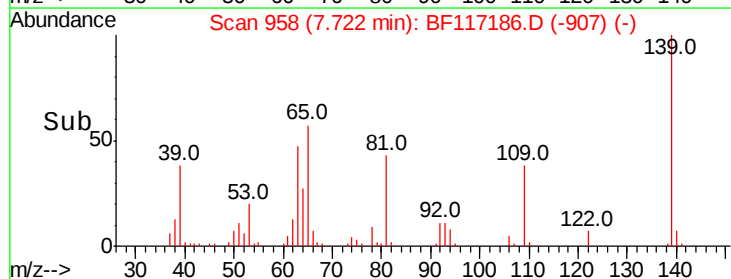
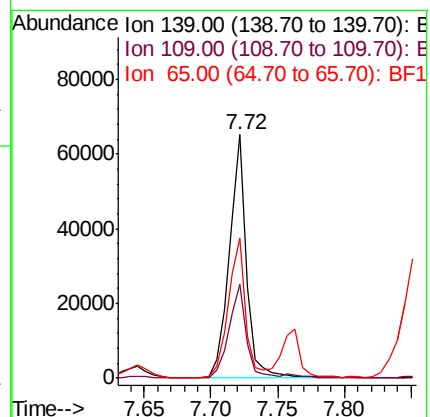
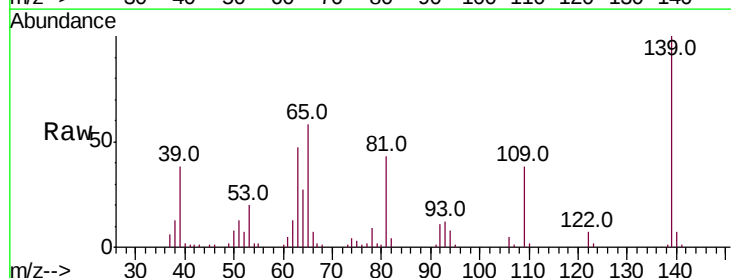
Tgt Ion: 139 Resp: 59931

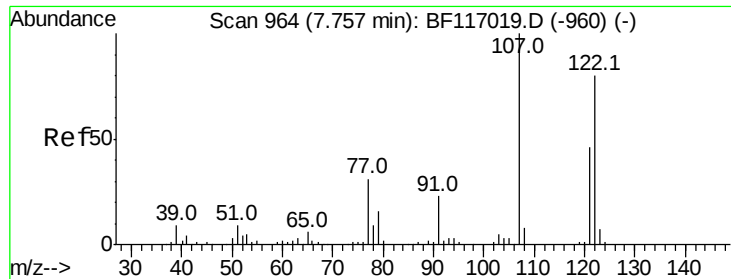
Ion Ratio Lower Upper

139 100

109 38.3 24.6 36.8#

65 57.6 40.9 61.3

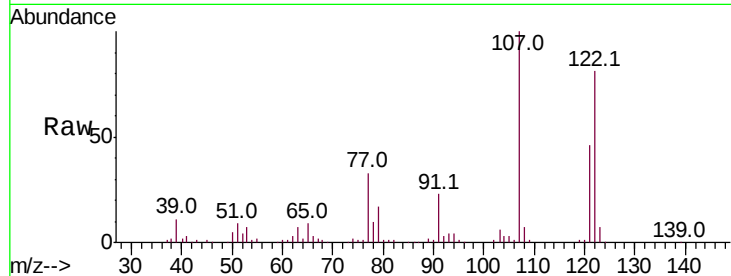




#27
2,4-Dimethylphenol
Concen: 51.746 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.3	98.9	148.3
121	57.1	45.3	67.9

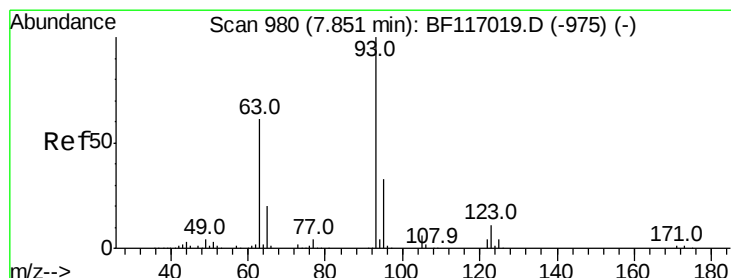
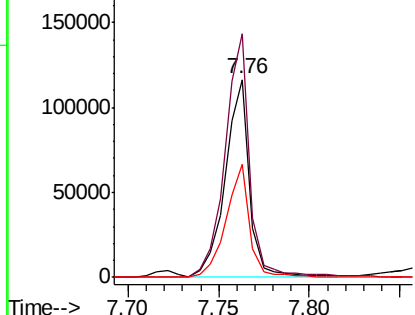
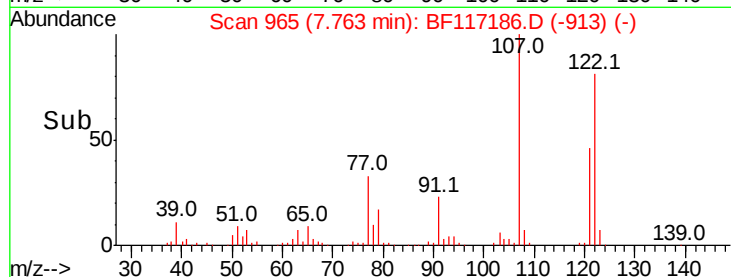


Abundance

Ion 122.00 (121.70 to 122.70): E

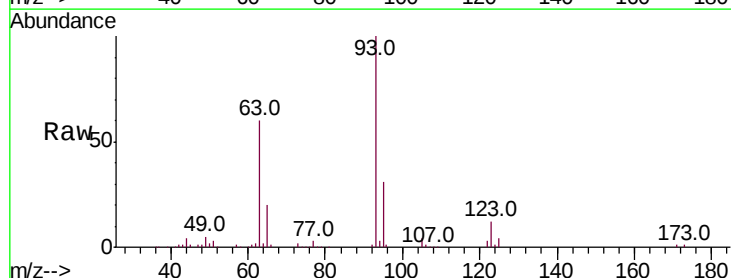
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.479 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.2	39.4
123	11.8	9.0	13.6

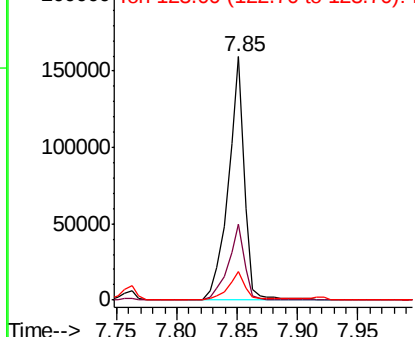
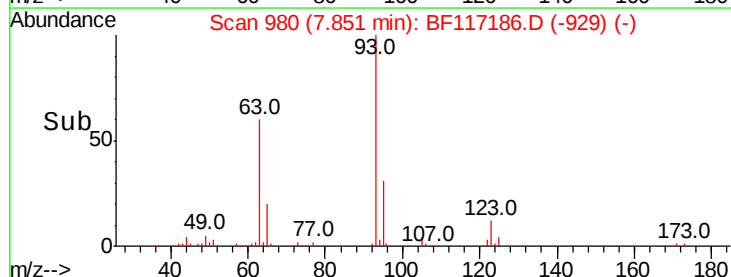


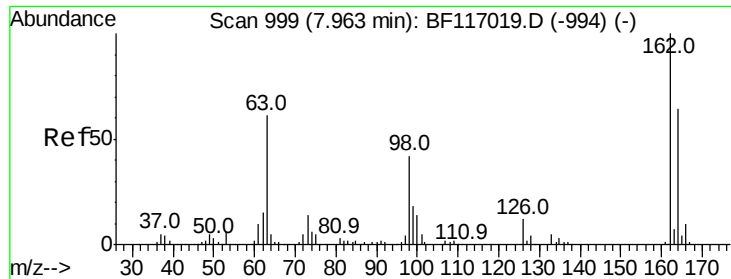
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

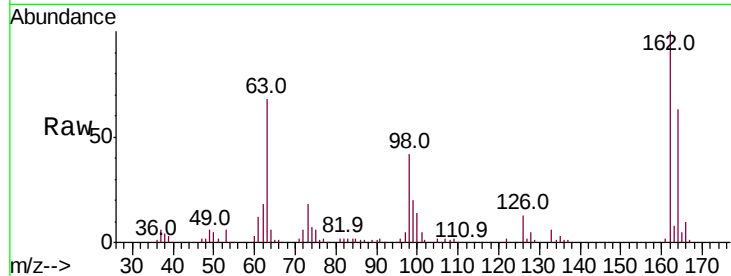




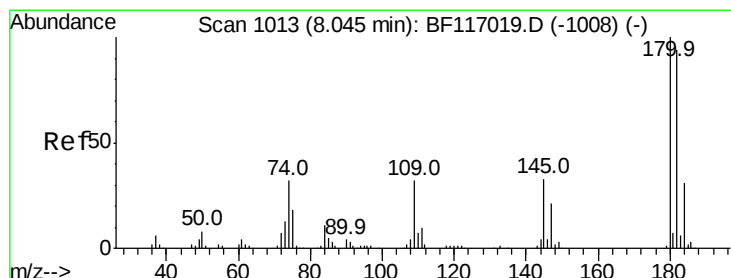
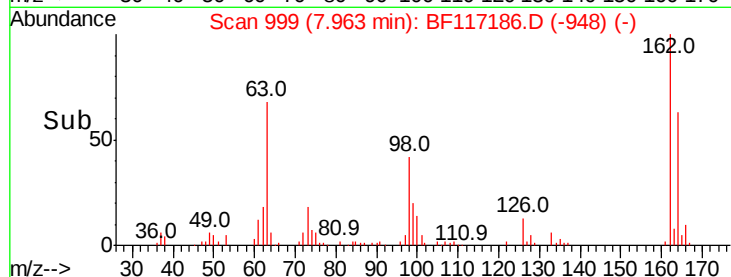
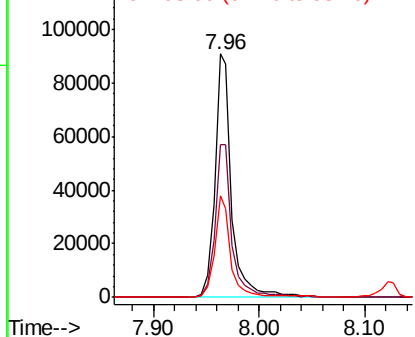
#29
 2,4-Dichlorophenol
 Concen: 46.349 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.8	83.8
98	41.8	22.1	62.1

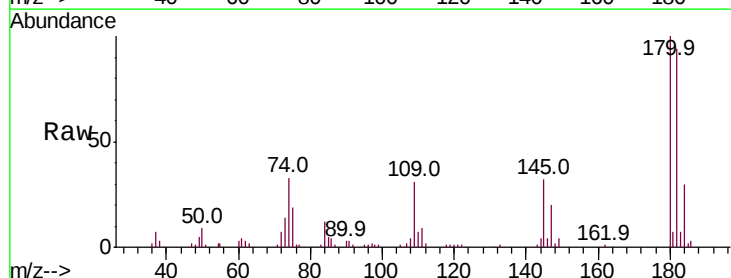


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

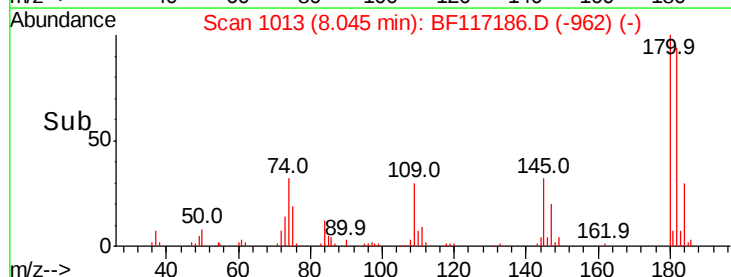
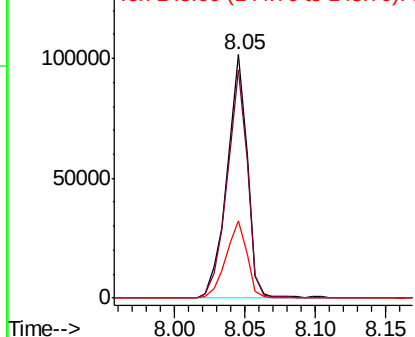


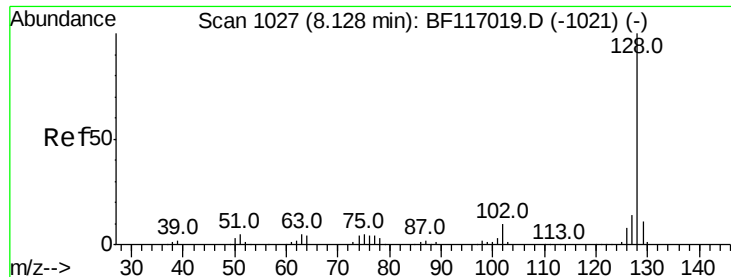
#30
 1,2,4-Trichlorobenzene
 Concen: 42.830 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.4	113.0
145	31.6	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

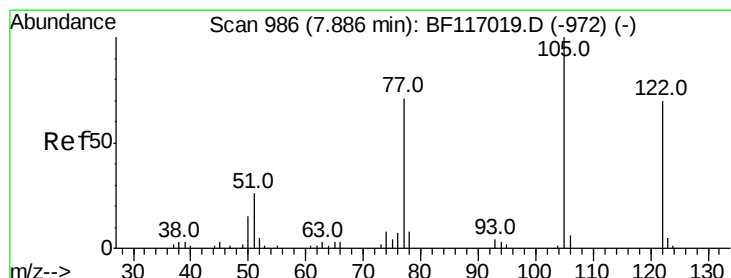
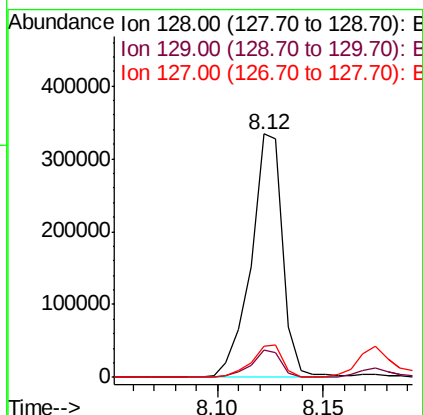
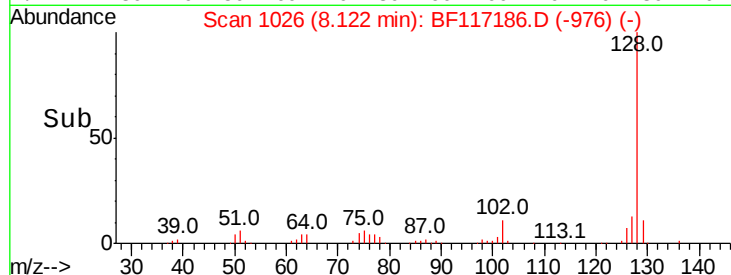
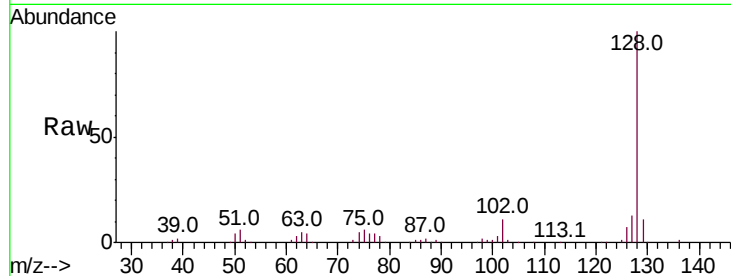




#31
Naphthalene
Concen: 44.448 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

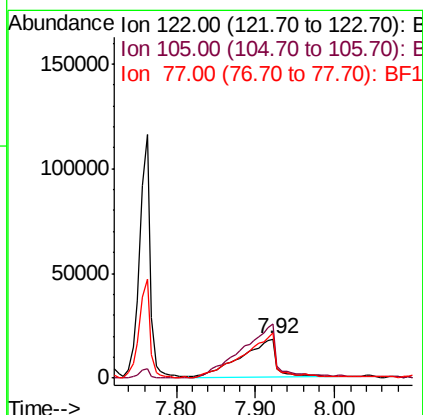
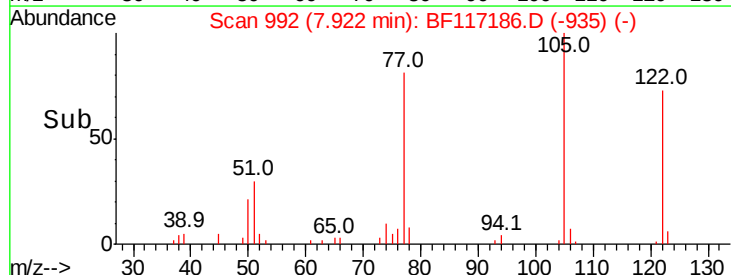
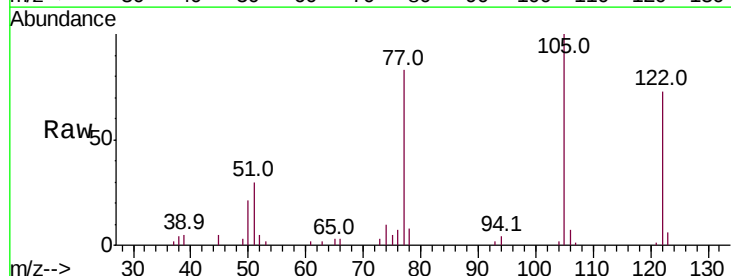
Instrument :
BNA_F
ClientSampled :

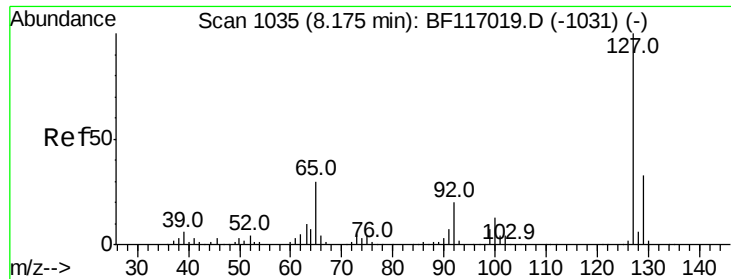
Tot Ion:128 Resp: 349849
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 37.843 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion:122 Resp: 57312
Ion Ratio Lower Upper
122 100
105 137.6 114.8 154.8
77 114.7 78.7 118.7

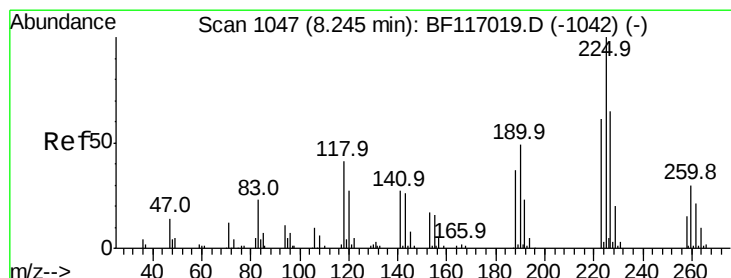
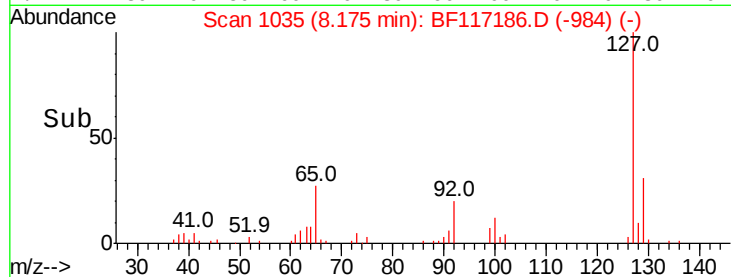
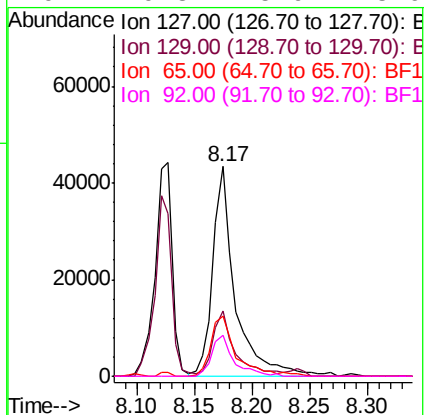
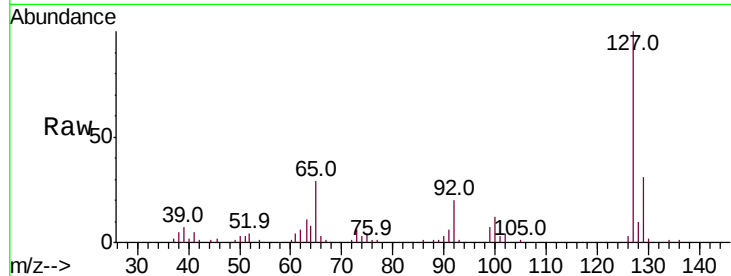




#33
4-Chloroaniline
Concen: 16.772 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

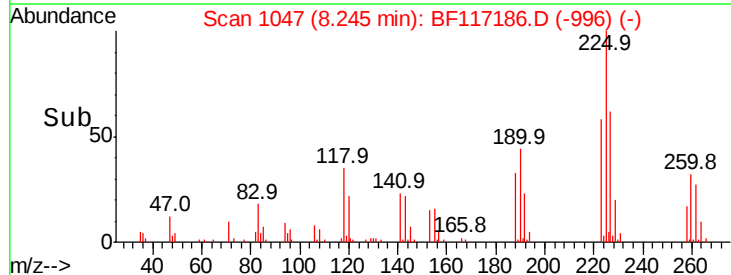
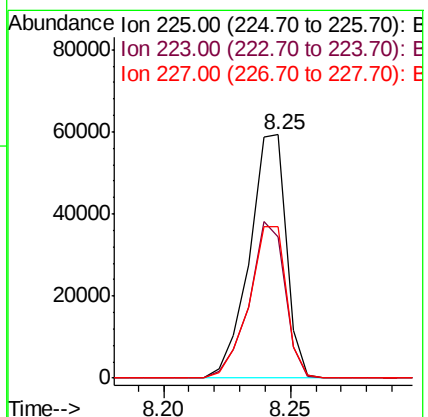
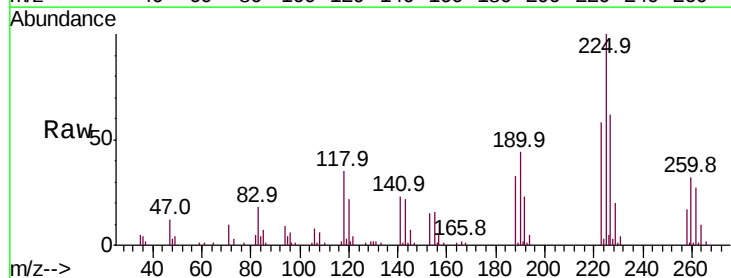
Instrument :
BNA_F
ClientSampleId :

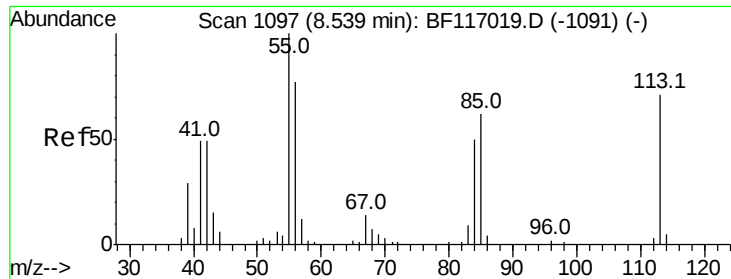
Tot Ion:127	Resp:	58551	
Ion Ratio	Lower	Upper	
127 100			
129 31.5	26.2	39.2	
65 28.7	23.5	35.3	
92 19.8	15.9	23.9	



#34
Hexachlorobutadiene
Concen: 44.709 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt	Ion:225	Resp:	60164
Ion	Ratio	Lower	Upper
225	100		
223	58.1	49.1	73.7
227	62.0	52.2	78.2

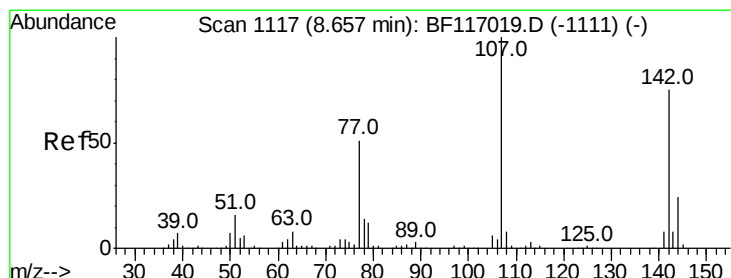
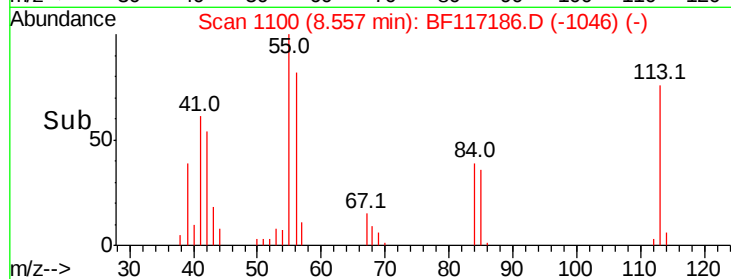
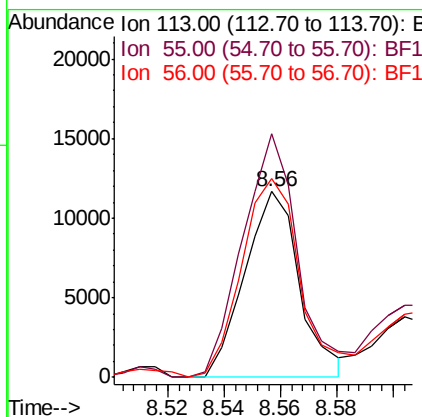
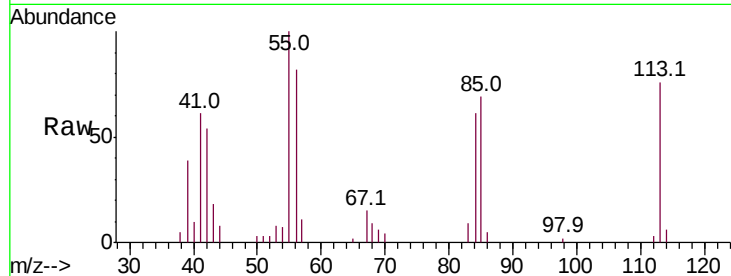




#35
 Caprolactam
 Concen: 21.166 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.02 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

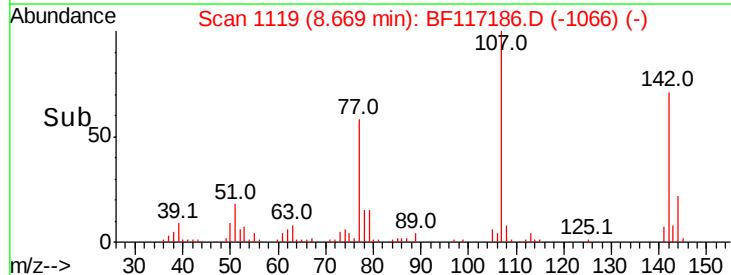
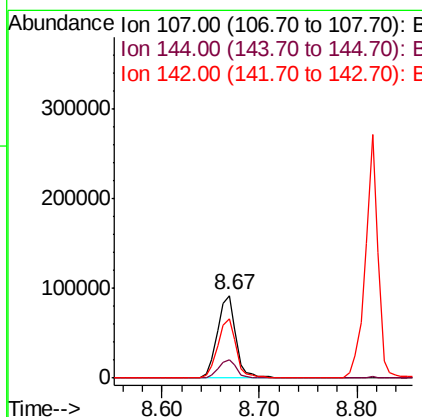
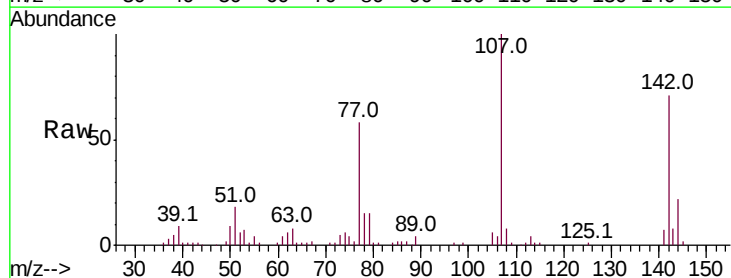
Instrument :
 BNA_F
 ClientSampleId :

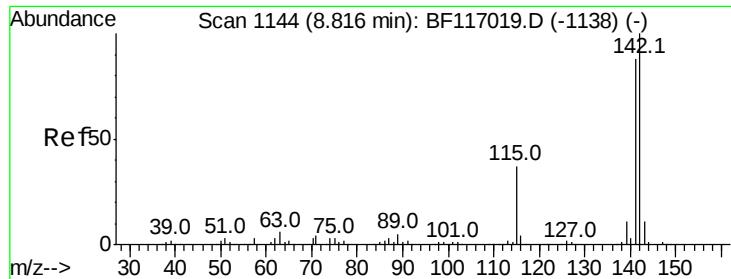
Tot Ion:113 Resp: 15728
 Ion Ratio Lower Upper
 113 100
 55 130.9 120.6 160.6
 56 107.1 88.8 128.8



#36
 4-Chloro-3-methylphenol
 Concen: 47.577 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion:107 Resp: 121791
 Ion Ratio Lower Upper
 107 100
 144 22.4 19.2 28.8
 142 71.3 59.6 89.4

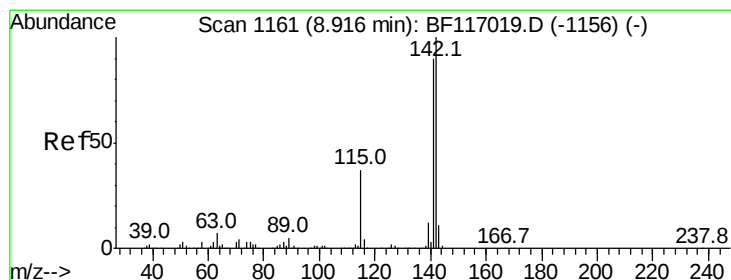
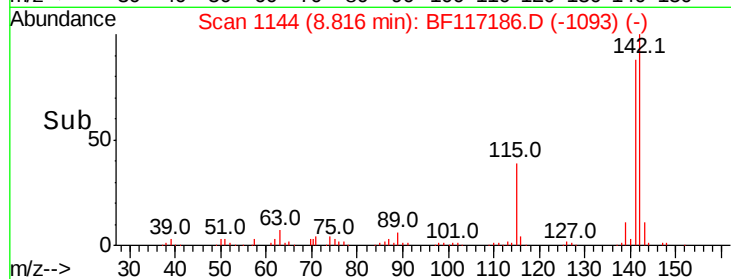
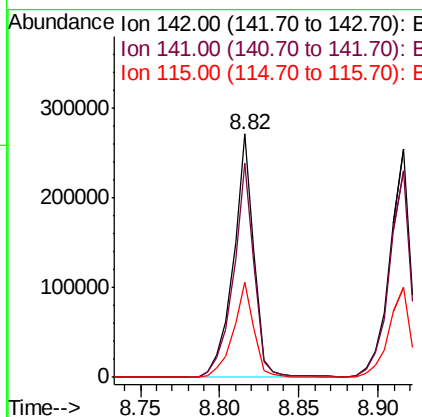
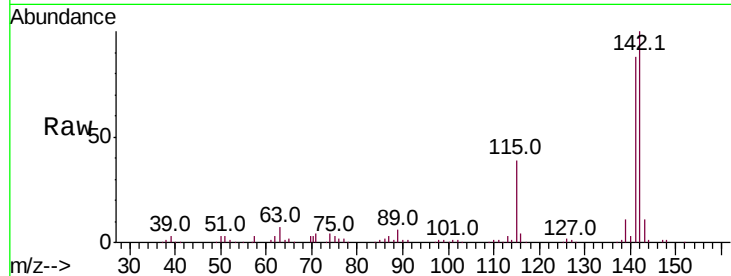




#37
 2-Methylnaphthalene
 Concen: 46.029 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

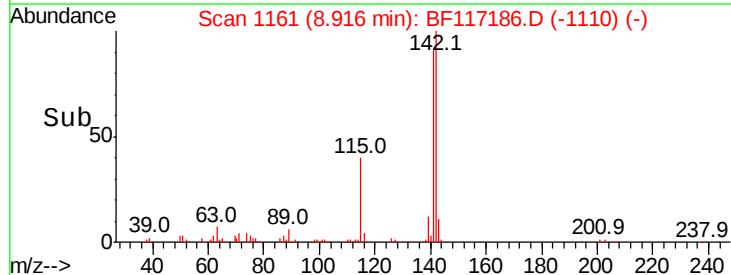
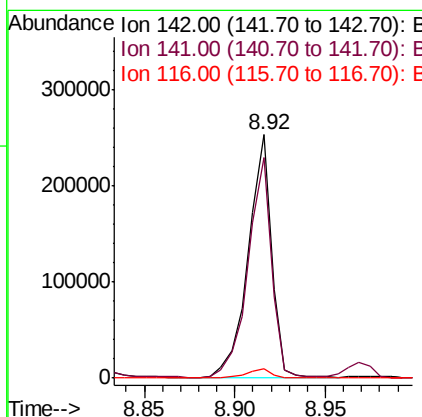
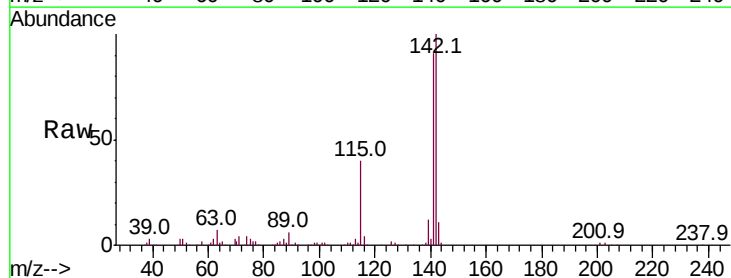
Instrument :
 BNA_F
 ClientSampleId :

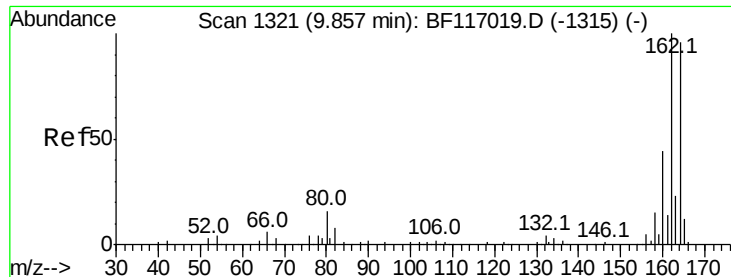
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.7	106.1
115	38.9	29.4	44.0



#38
 1-Methylnaphthalene
 Concen: 45.475 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.9	107.9
116	4.0	3.2	4.8

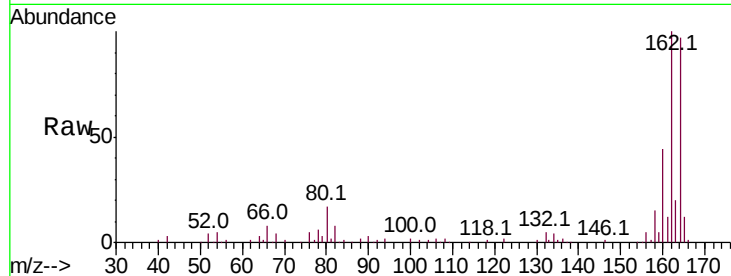




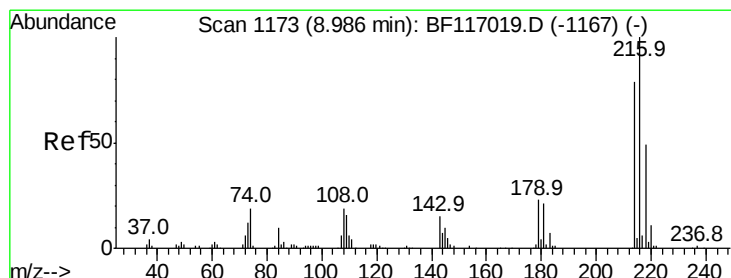
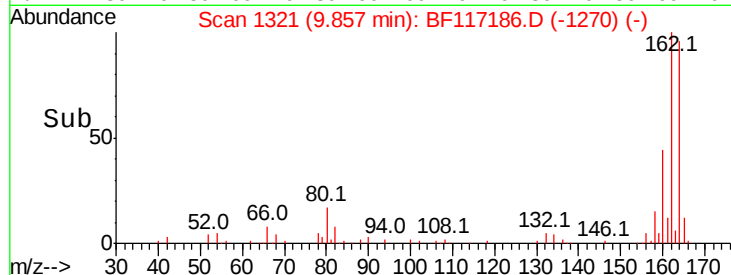
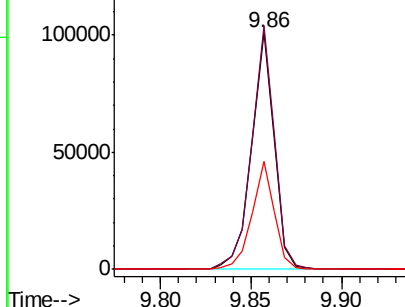
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 88078
Ion Ratio Lower Upper
164 100
162 102.9 83.4 125.2
160 45.4 36.4 54.6

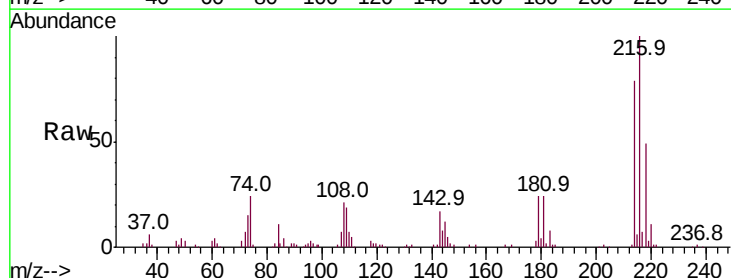


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

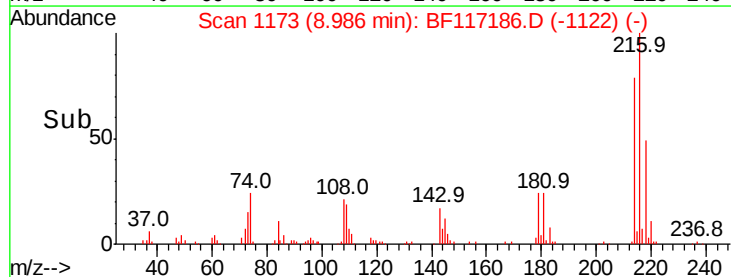
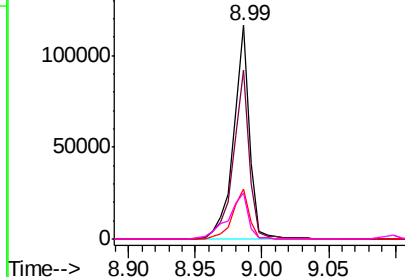


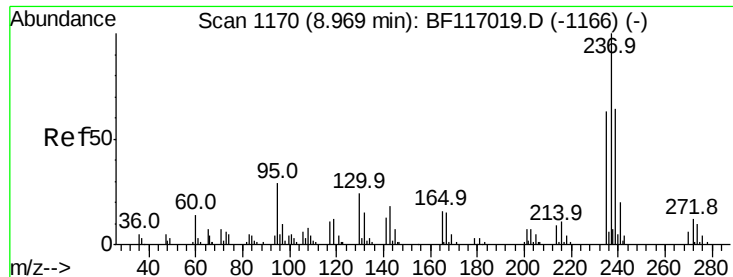
#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.302 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion:216 Resp: 98486
Ion Ratio Lower Upper
216 100
214 79.1 63.6 95.4
179 24.3 18.3 27.5
108 27.0 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: 106.346 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampleId :

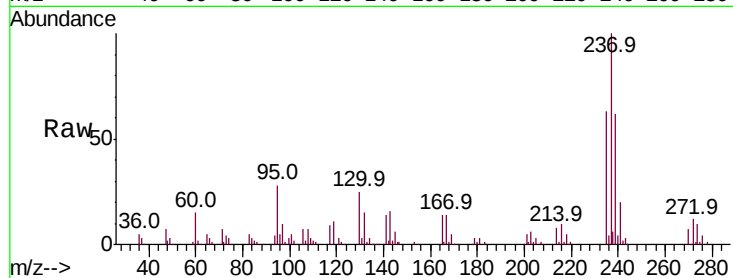
Tot Ion:237 Resp: 109795

Ion Ratio Lower Upper

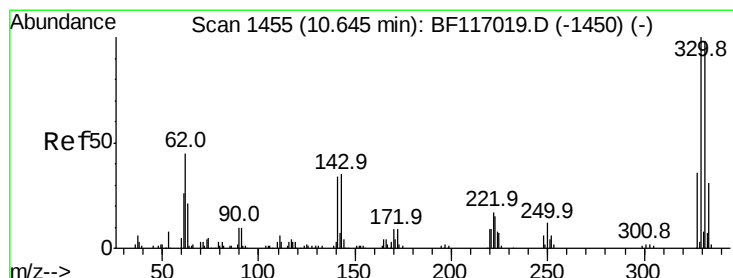
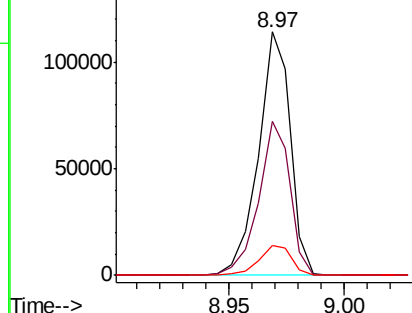
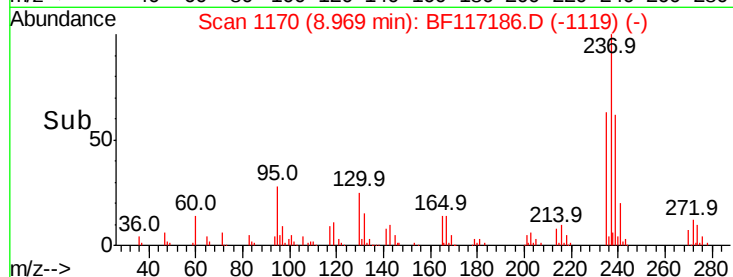
237 100

235 63.2 43.2 83.2

272 12.3 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: 104.592 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

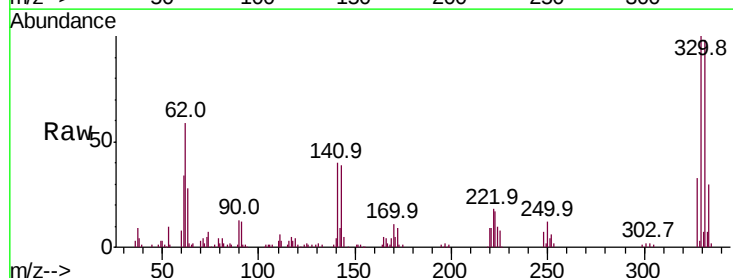
Tgt Ion:330 Resp: 76993

Ion Ratio Lower Upper

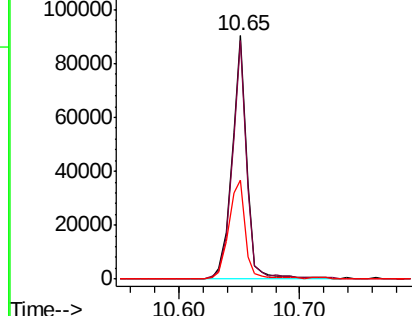
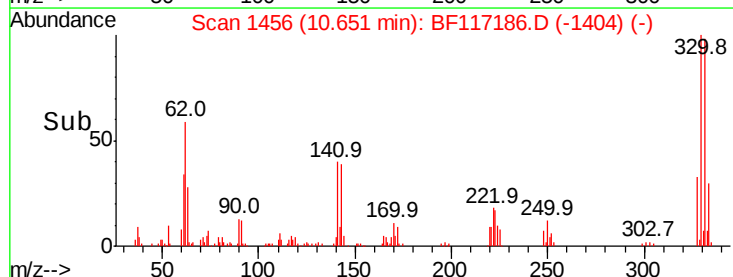
330 100

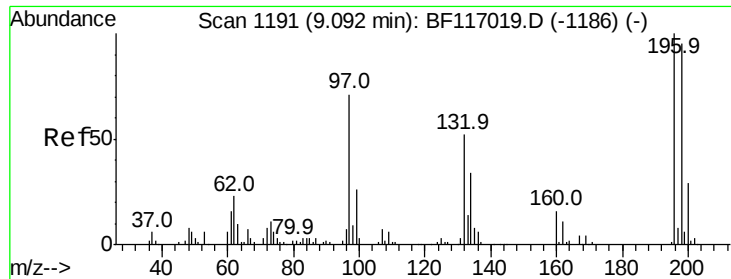
332 96.7 78.0 117.0

141 45.9 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

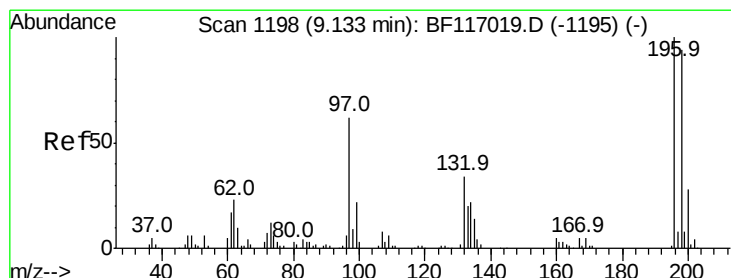
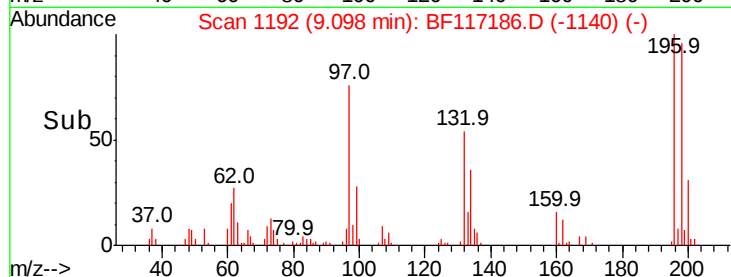
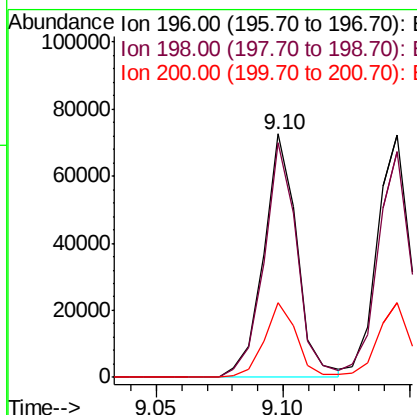
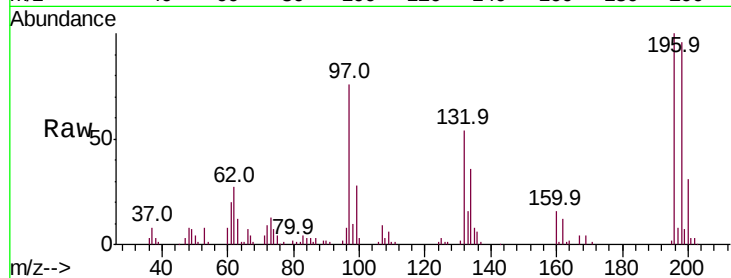




#43
 2,4,6-Trichlorophenol
 Concen: 43.318 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

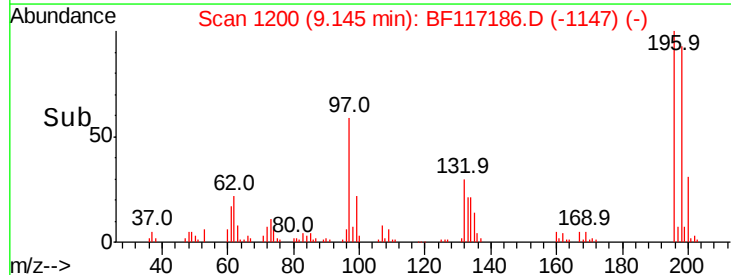
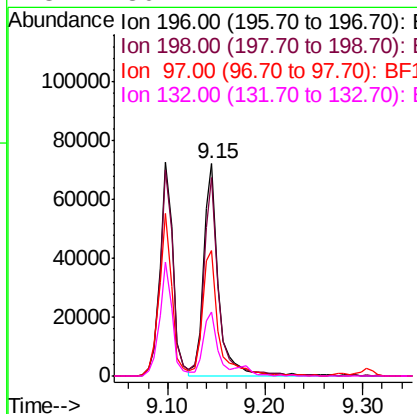
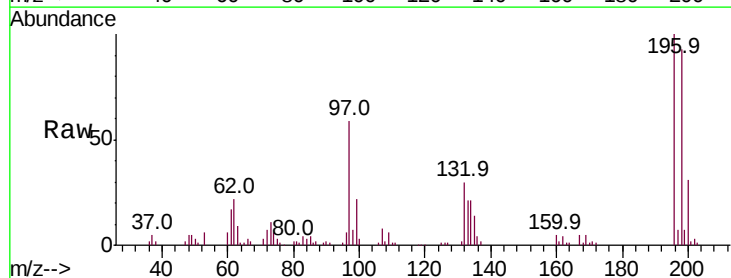
Instrument :
 BNA_F
 ClientSampled :

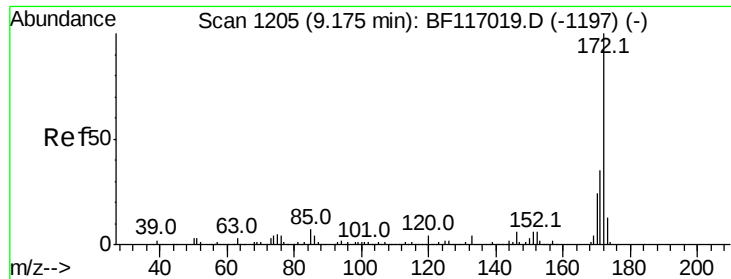
Tot	Ion:196	Resp:	66861
Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
200	30.7	23.3	34.9



#44
 2,4,5-Trichlorophenol
 Concen: 46.481 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt	Ion:196	Resp:	76650
Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	112.0
97	58.9	49.5	74.3
132	30.4	27.4	41.2

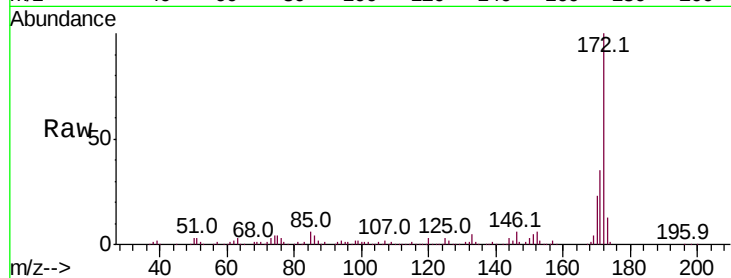




#45
2-Fluorobiphenyl
Concen: 99.168 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.1	18.9	28.3

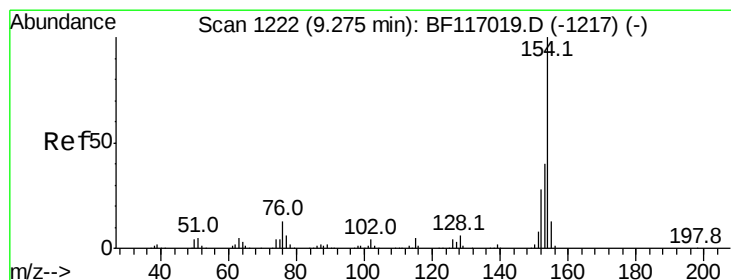
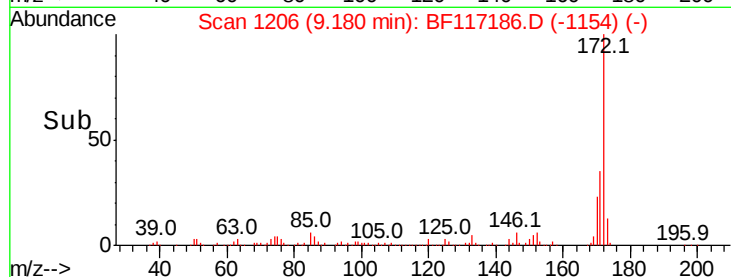
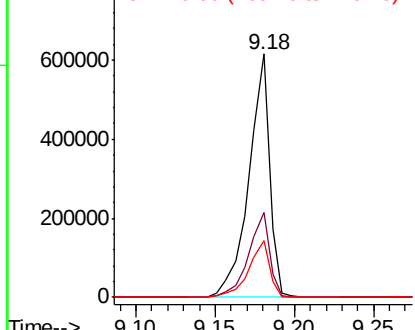


Abundance

Ion 172.00 (171.70 to 172.70): E

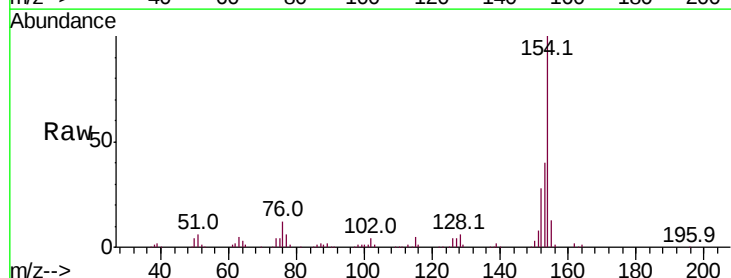
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.157 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.0	60.0
76	11.5	0.0	32.7

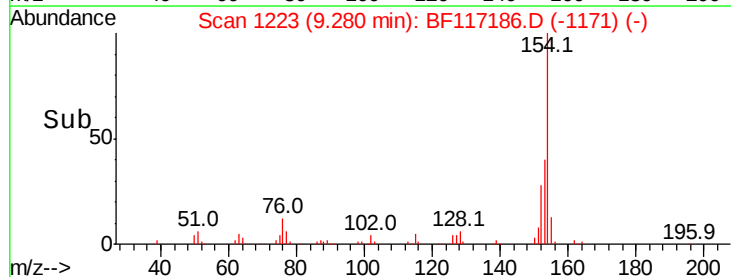
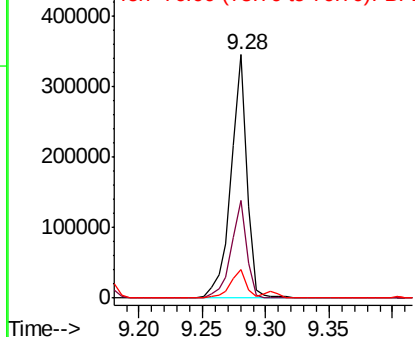


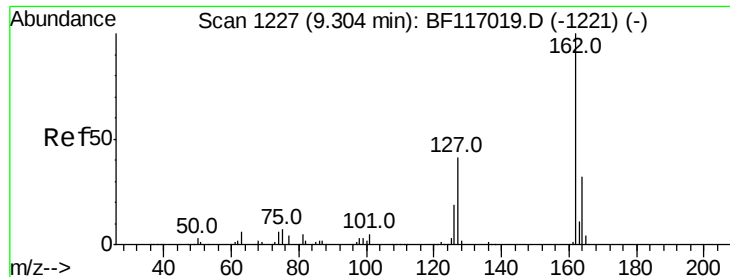
Abundance

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

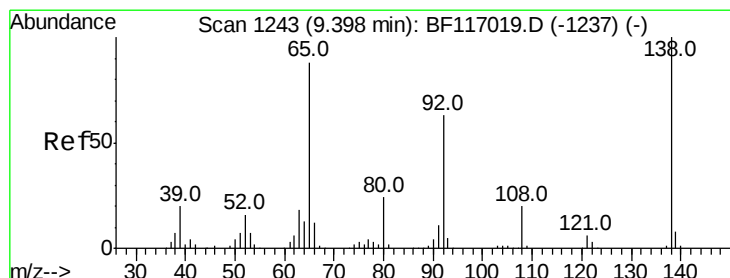
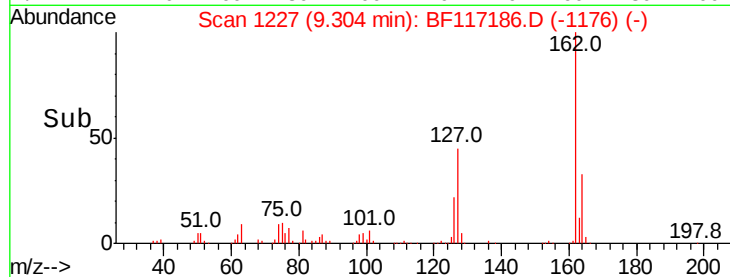
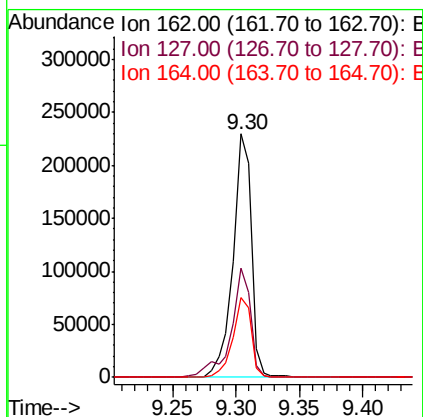
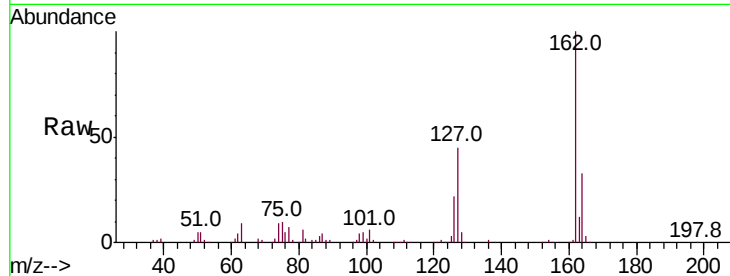




#47
 2-Chloronaphthalene
 Concen: 41.939 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

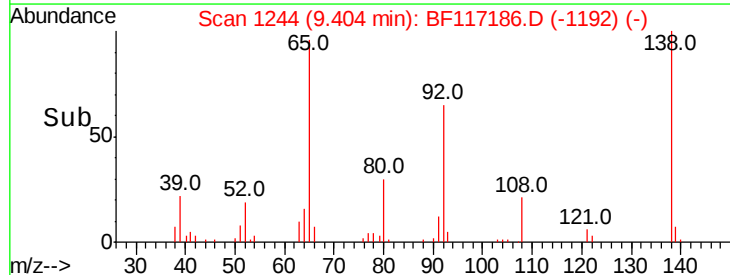
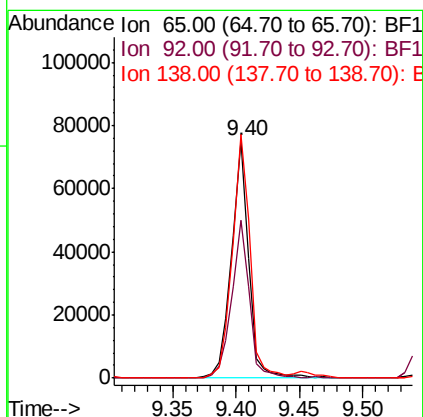
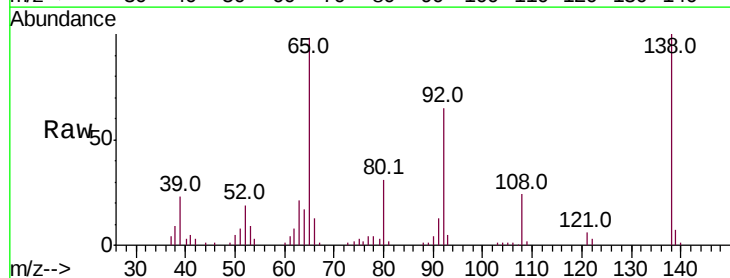
Instrument :
 BNA_F
 ClientSampleId :

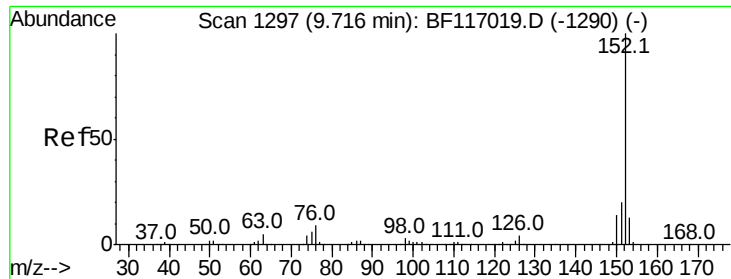
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.9	34.1	51.1
164	32.8	25.9	38.9



#48
 2-Nitroaniline
 Concen: 40.546 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	57.5	86.3
138	102.5	90.6	136.0





#49

Acenaphthylene

Concen: 44.471 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampled :

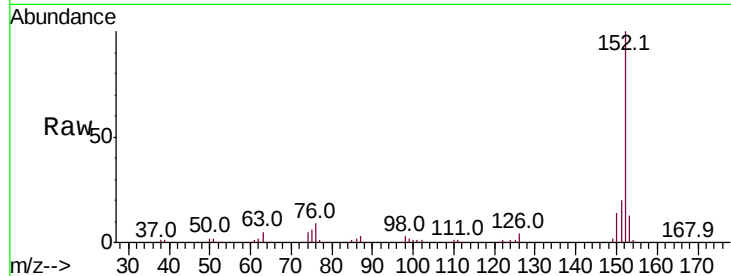
Tot Ion:152 Resp: 363251

Ion Ratio Lower Upper

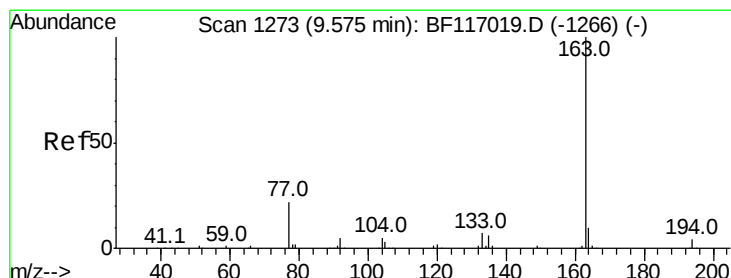
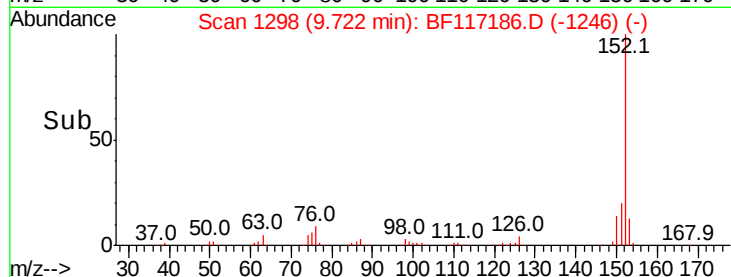
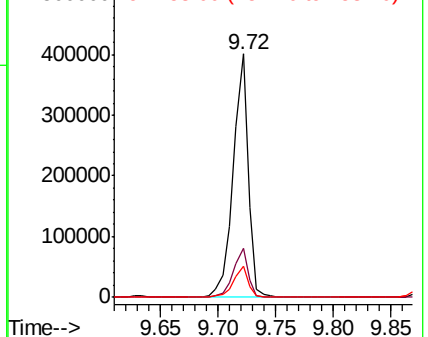
152 100

151 20.2 16.2 24.2

153 12.8 10.2 15.4



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



#50

Dimethylphthalate

Concen: 44.831 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

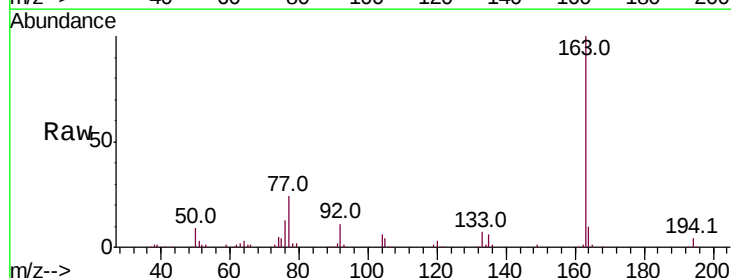
Tgt Ion:163 Resp: 279584

Ion Ratio Lower Upper

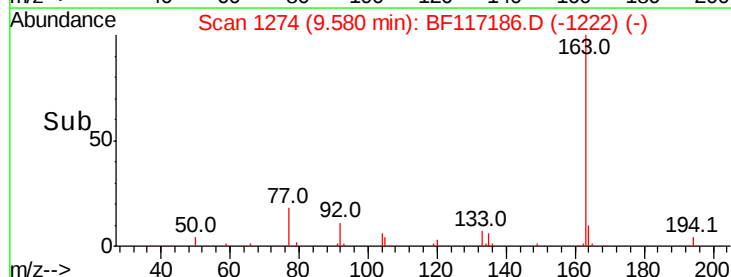
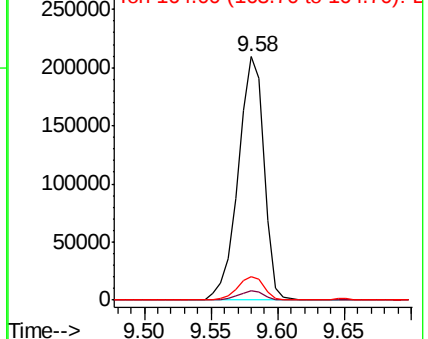
163 100

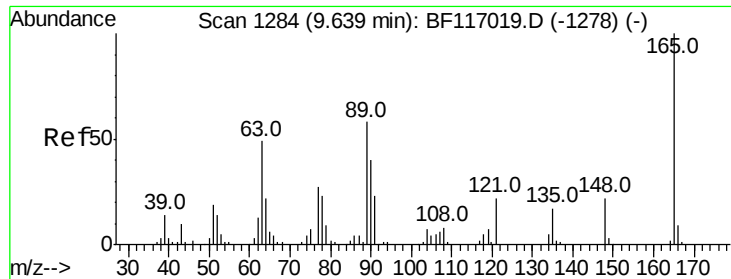
194 3.6 2.9 4.3

164 9.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.440 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampleId :

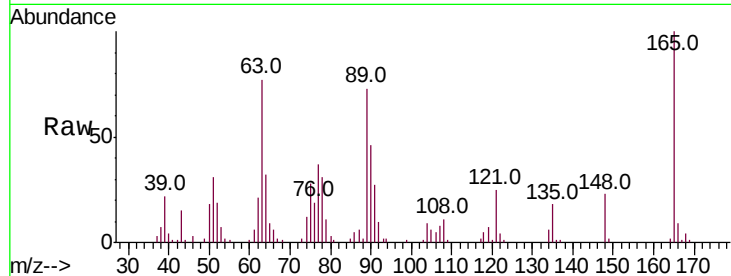
Tot Ion:165 Resp: 58985

Ion Ratio Lower Upper

165 100

63 77.2 41.8 62.8#

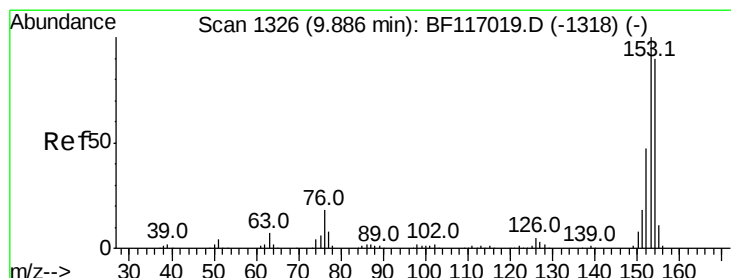
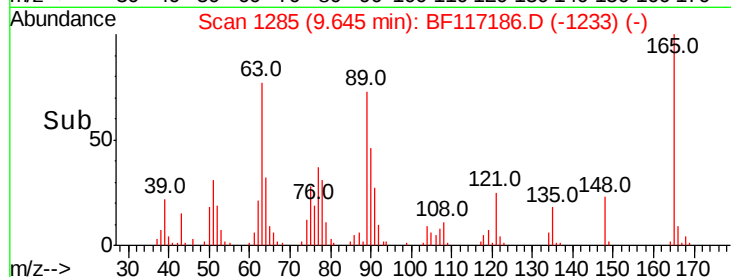
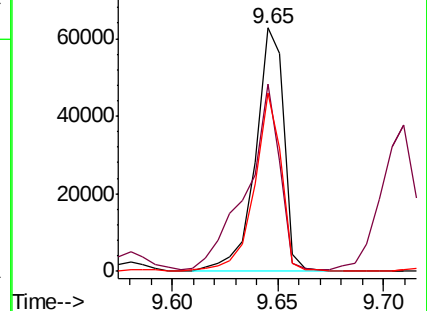
89 73.2 46.5 69.7#



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: 43.362 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

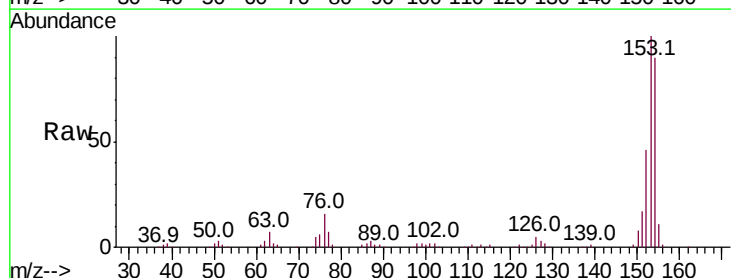
Tgt Ion:154 Resp: 209959

Ion Ratio Lower Upper

154 100

153 110.5 89.0 133.6

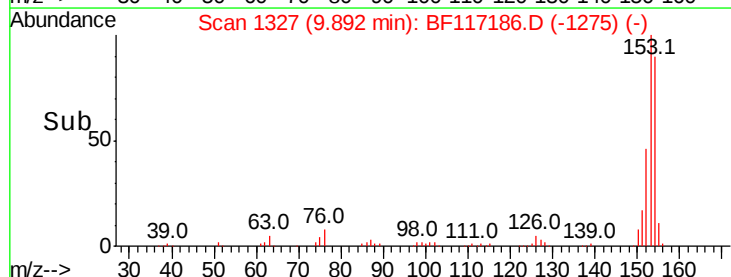
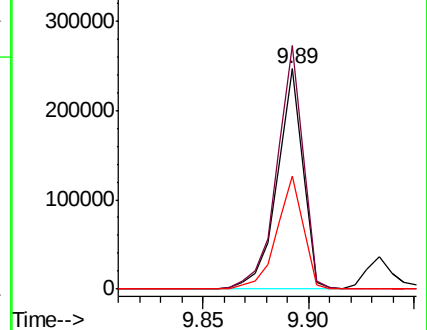
152 51.2 41.9 62.9

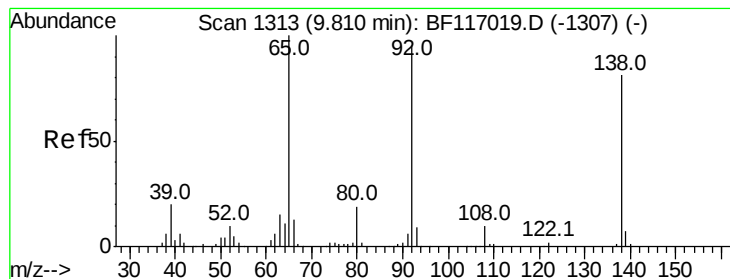


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.834 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampleId :

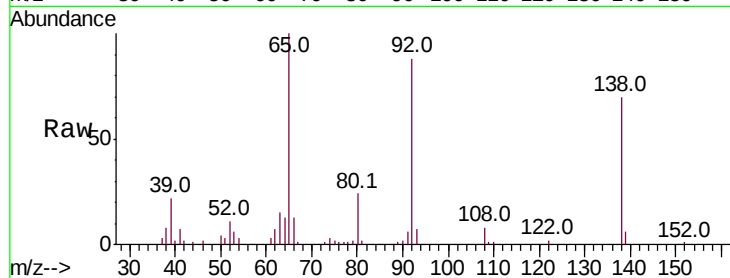
Tot Ion:138 Resp: 31784

Ion Ratio Lower Upper

138 100

108 11.7 9.5 14.3

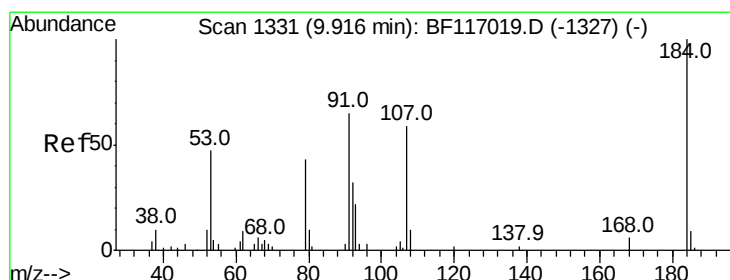
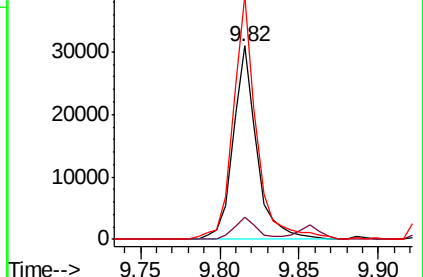
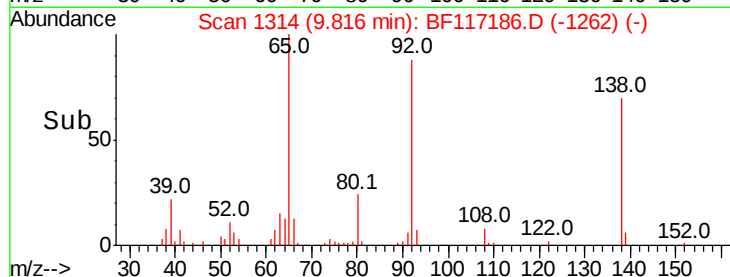
92 125.9 94.1 141.1



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: 79.611 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.02 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

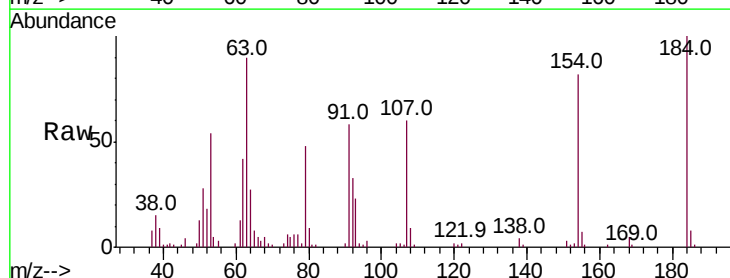
Tgt Ion:184 Resp: 43634

Ion Ratio Lower Upper

184 100

63 90.0 63.8 95.6

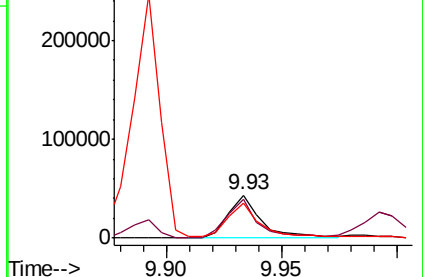
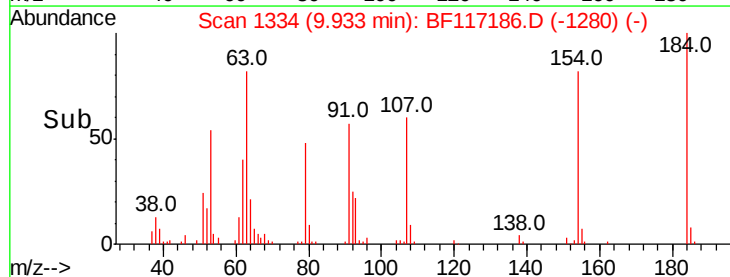
154 81.7 60.4 90.6

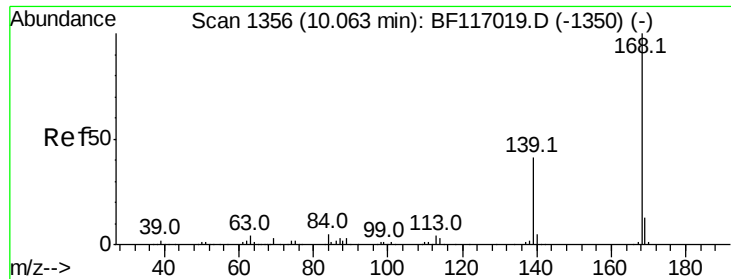


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

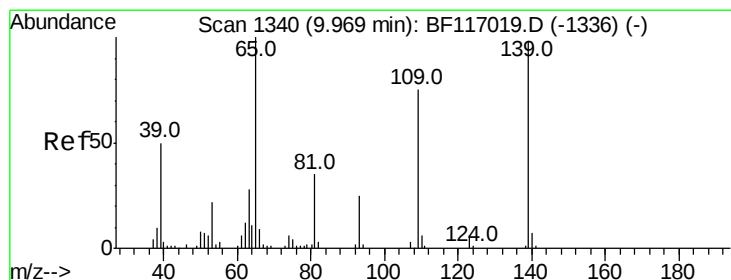
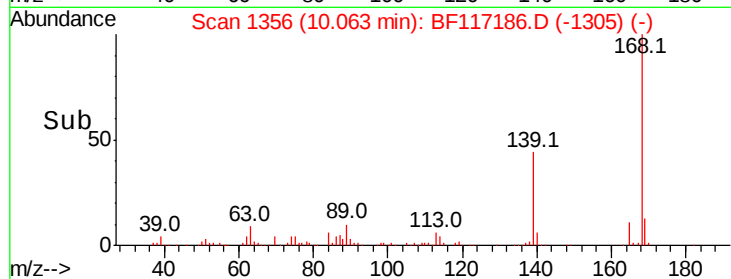
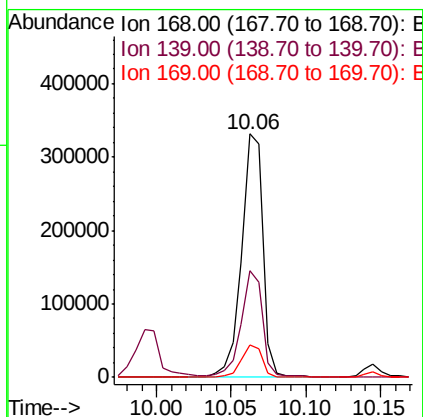
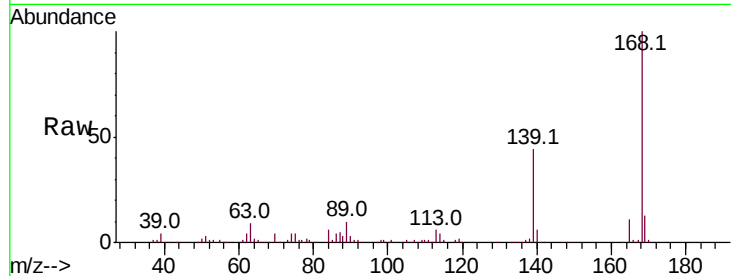




#55
Dibenzofuran
Concen: 46.140 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

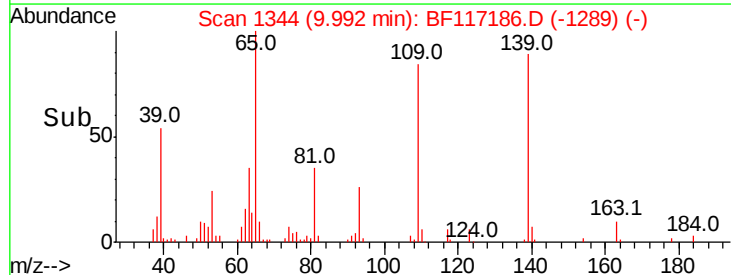
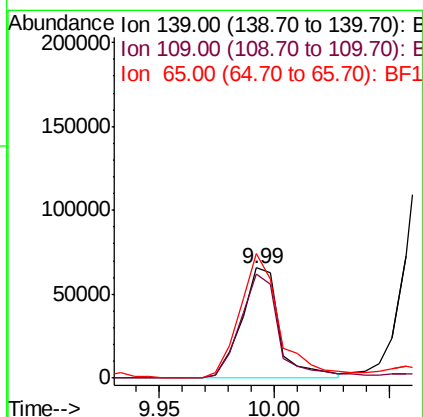
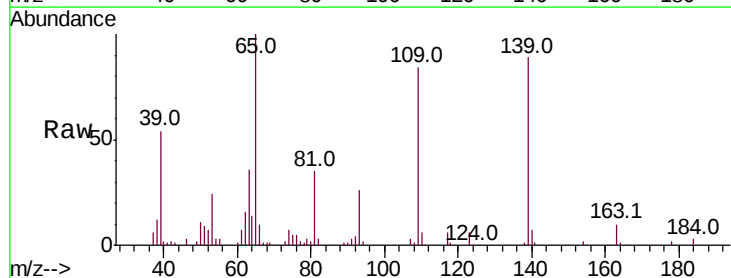
Instrument :
BNA_F
ClientSampleId :

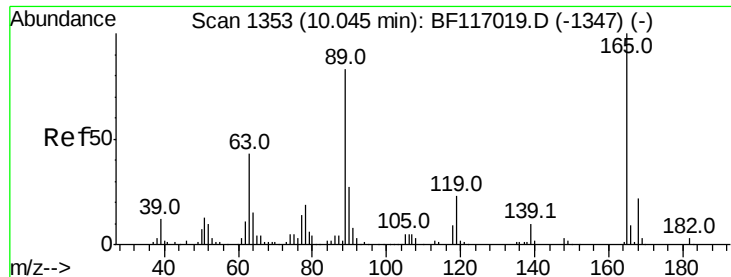
Tot Ion:168 Resp: 329624
Ion Ratio Lower Upper
168 100
139 43.8 32.8 49.2
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 73.045 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion:139 Resp: 75866
Ion Ratio Lower Upper
139 100
109 95.1 56.4 96.4
65 112.7 82.5 122.5

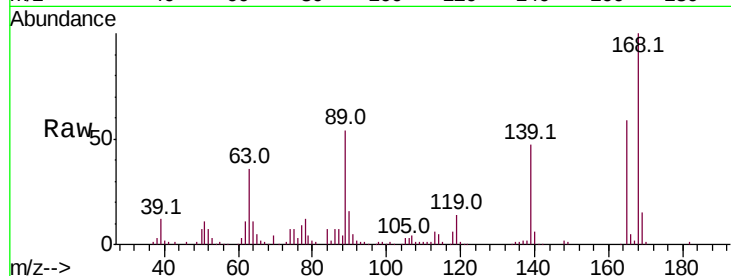




#57
 2,4-Dinitrotoluene
 Concen: 47.525 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.4	35.0	52.4#
89	91.1	66.1	99.1
182	2.3	2.0	3.0



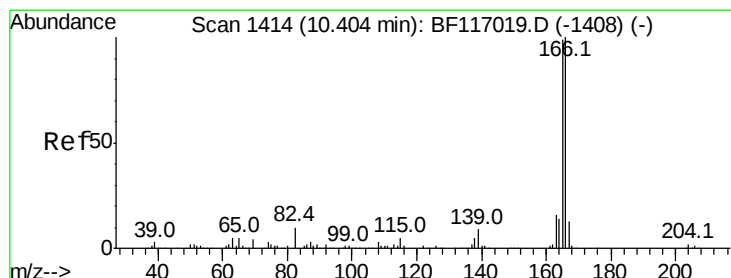
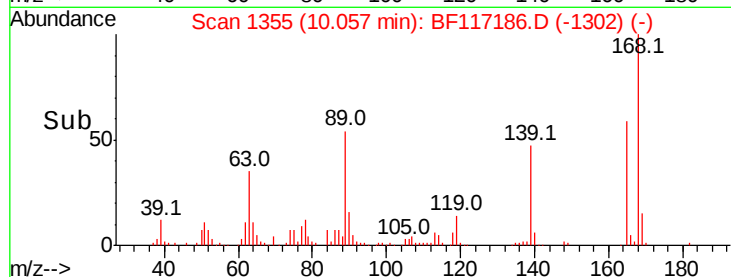
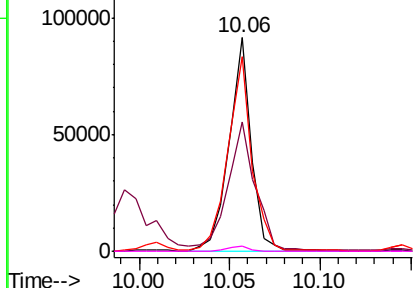
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

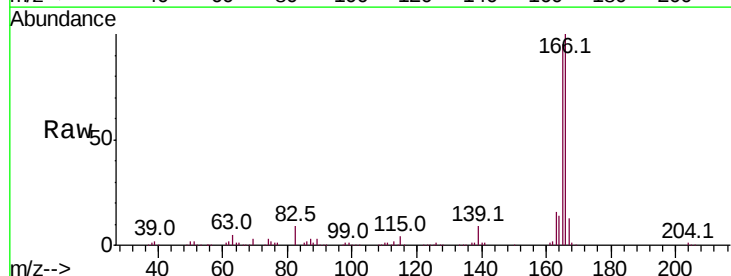
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 46.827 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.5	78.9	118.3
167	12.7	10.6	15.8

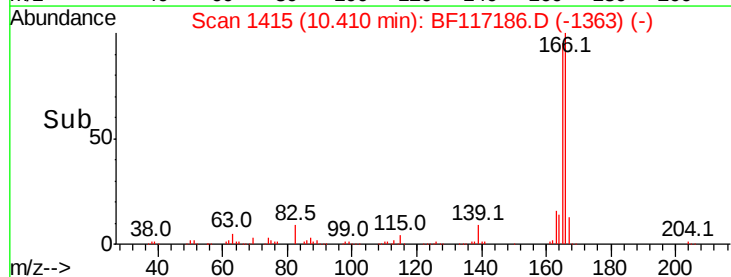
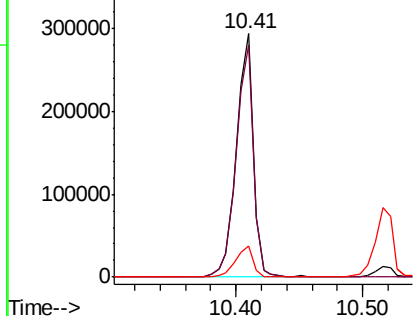


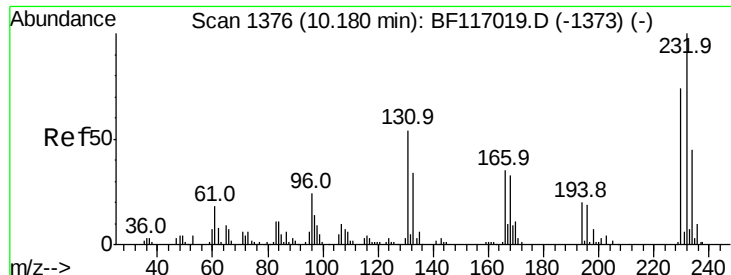
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

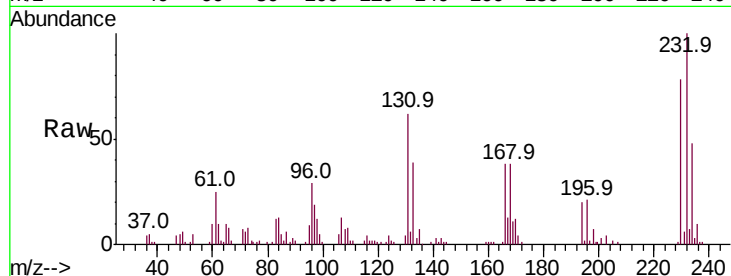




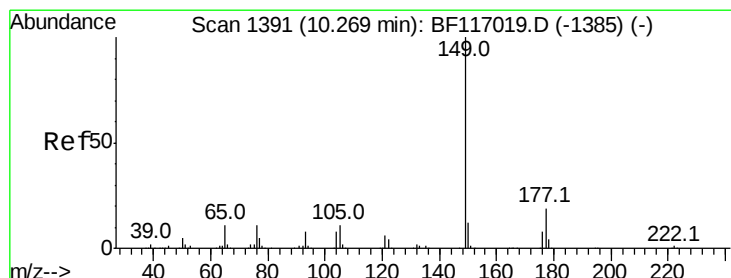
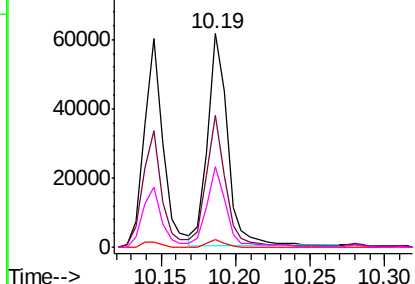
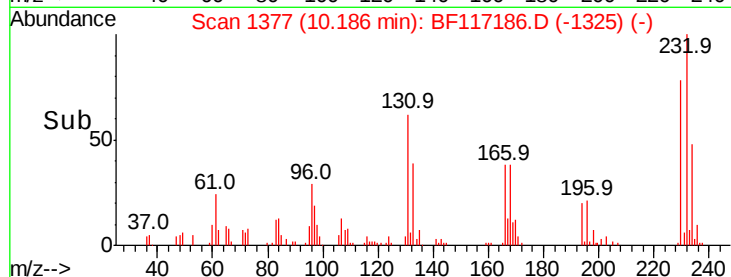
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.483 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 57397
 Ion Ratio Lower Upper
 232 100
 131 61.7 45.3 67.9
 130 2.9 1.8 2.8#
 166 37.9 29.4 44.2

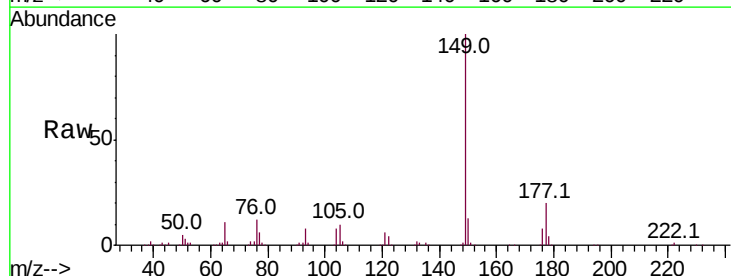


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

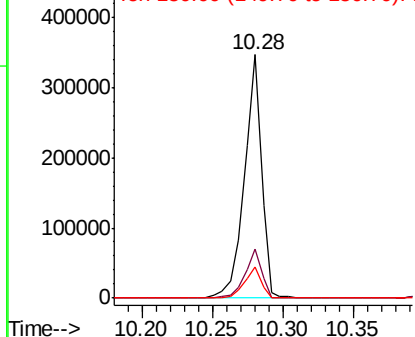
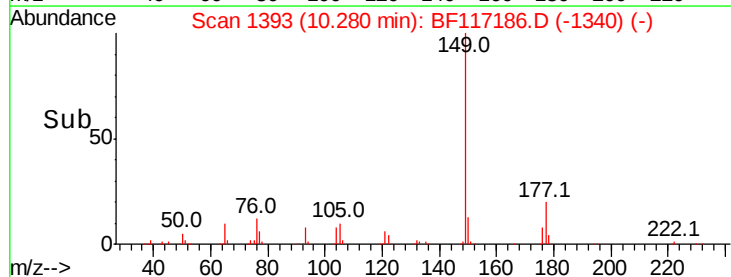


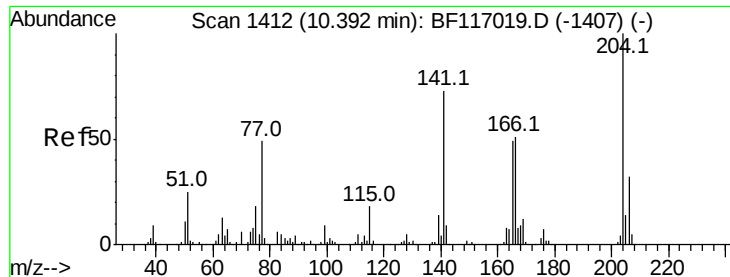
#60
 Diethylphthalate
 Concen: 47.932 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion:149 Resp: 294085
 Ion Ratio Lower Upper
 149 100
 177 20.1 15.2 22.8
 150 12.7 9.9 14.9



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

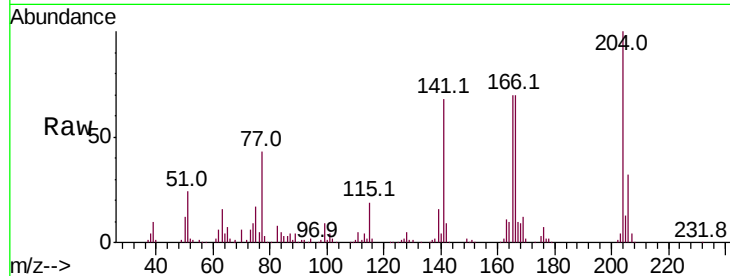




#61
4-Chlorophenyl-phenylether
Concen: 49.559 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.0	39.0
141	67.7	58.2	87.2

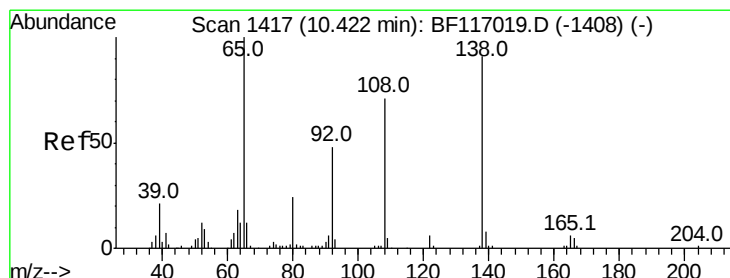
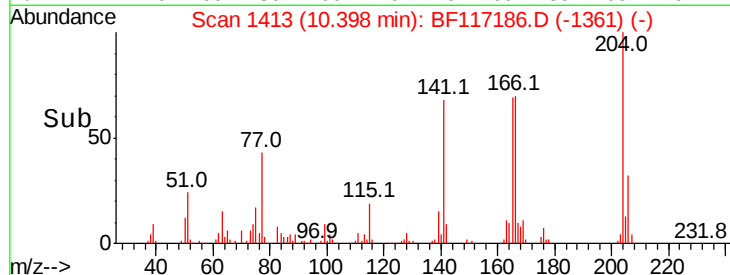
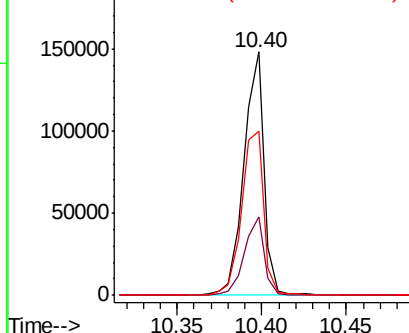


Abundance

Ion 204.00 (203.70 to 204.70): E

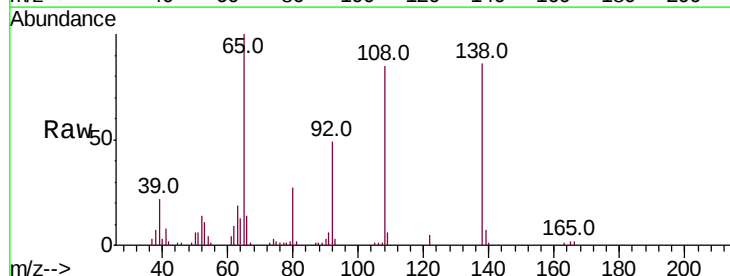
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.073 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.8	32.9	72.9
108	99.0	58.3	98.3#

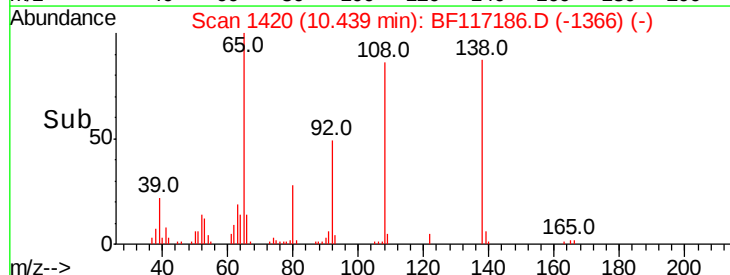
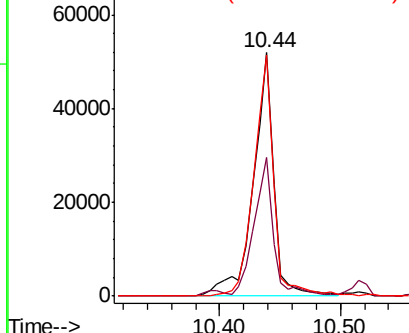


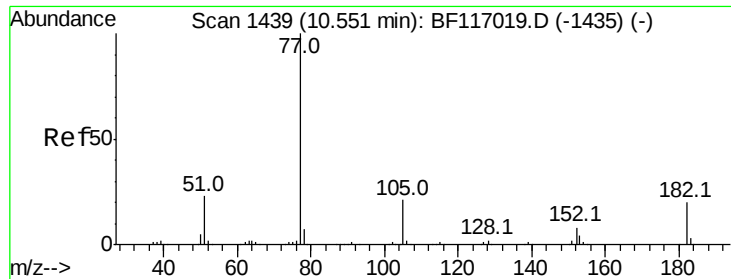
Abundance

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: 47.285 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 296306

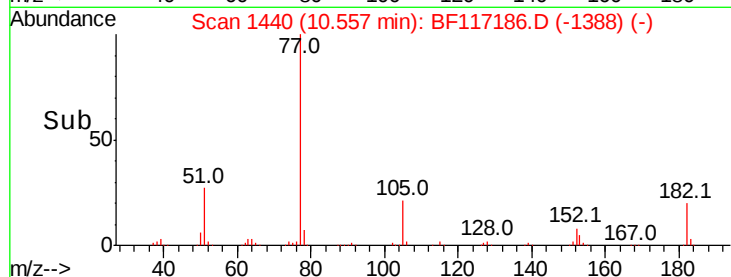
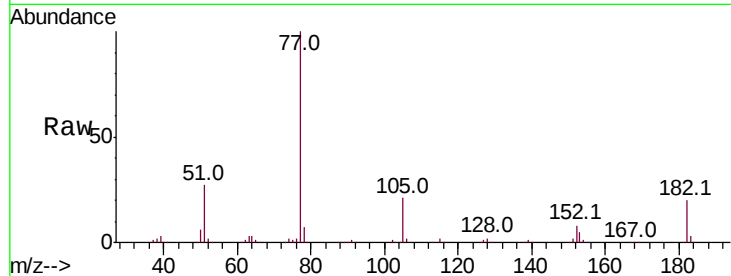
Ion Ratio Lower Upper

77 100

182 20.2 0.4 40.4

105 21.3 0.9 40.9

51 26.5 2.8 42.8

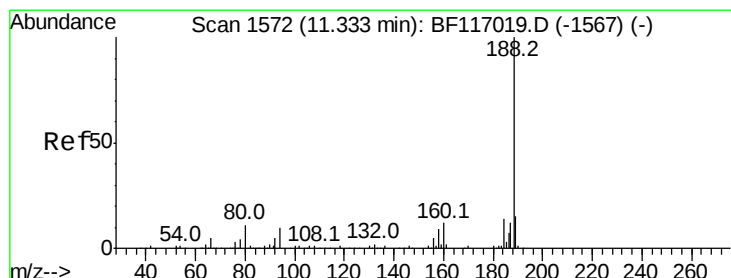
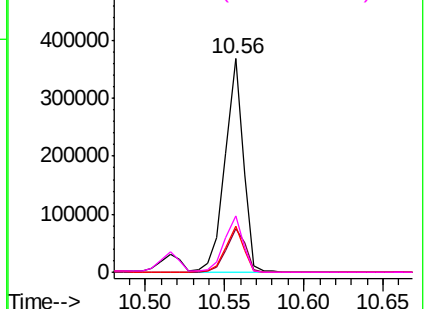


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

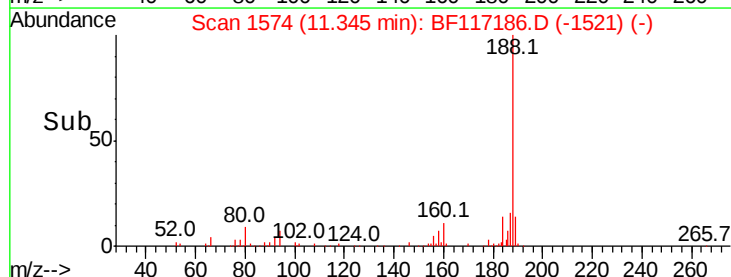
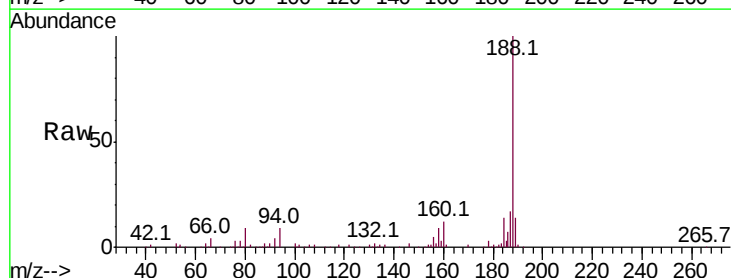
Tgt Ion: 188 Resp: 142672

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

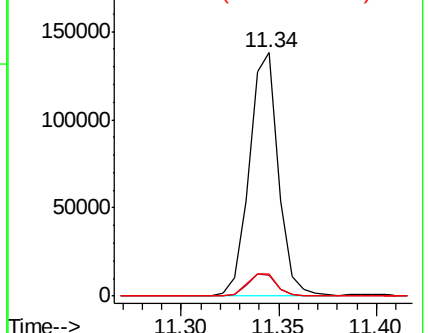
80 9.1 9.0 13.6

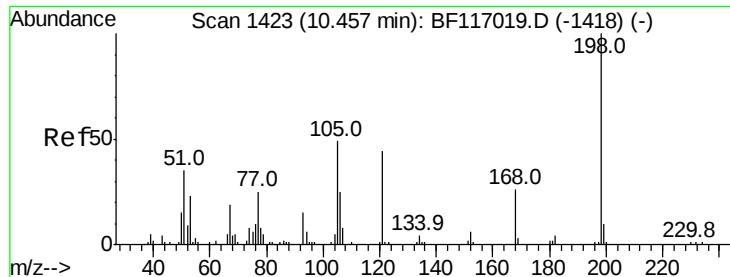


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 49.407 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampled :

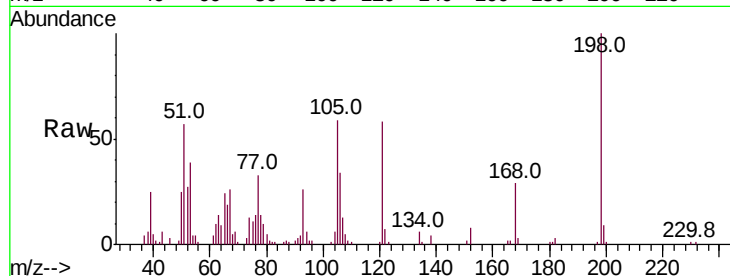
Tot Ion:198 Resp: 32272

Ion Ratio Lower Upper

198 100

51 56.8 18.7 58.7

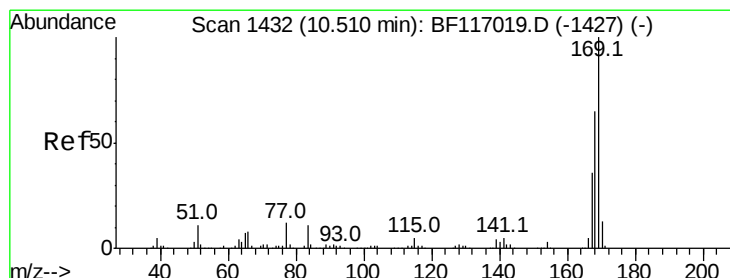
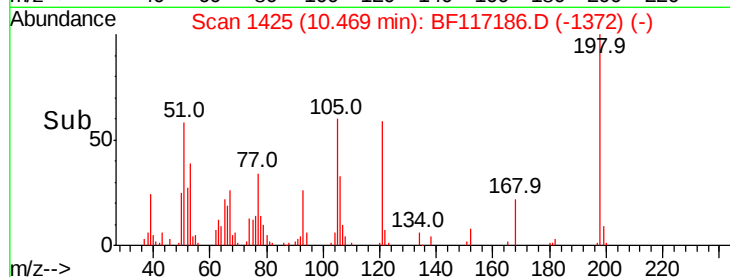
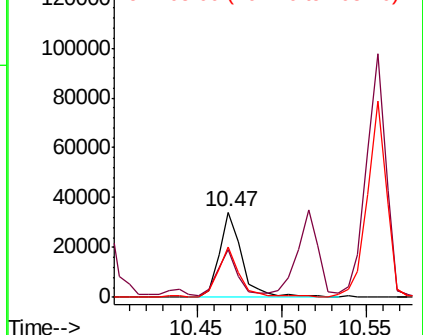
105 59.0 30.2 70.2



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: 47.741 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

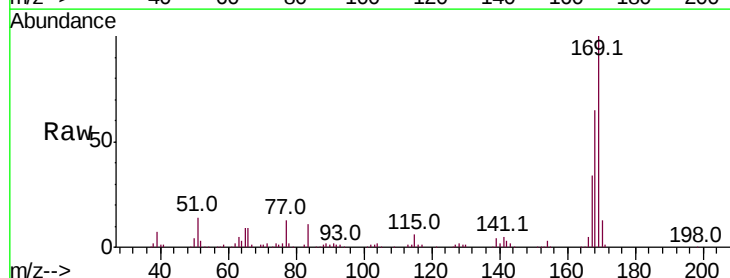
Tgt Ion:169 Resp: 235232

Ion Ratio Lower Upper

169 100

168 64.8 52.2 78.2

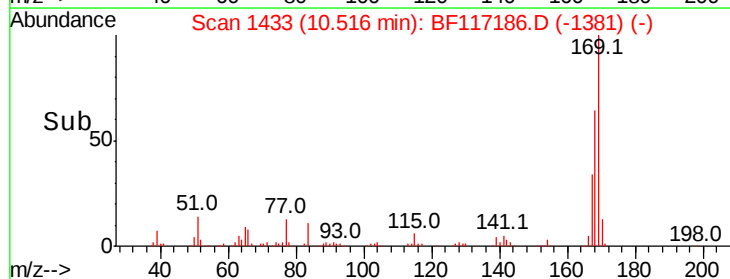
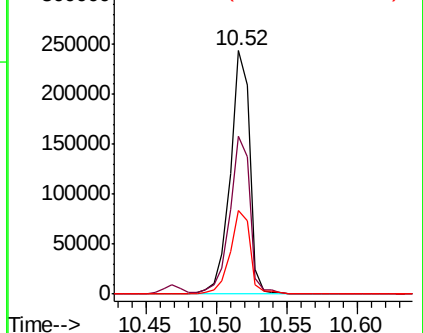
167 34.4 28.8 43.2

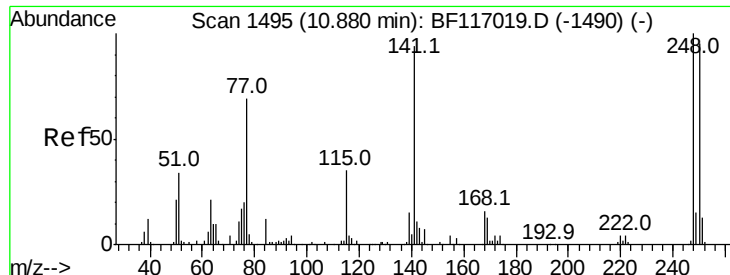


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

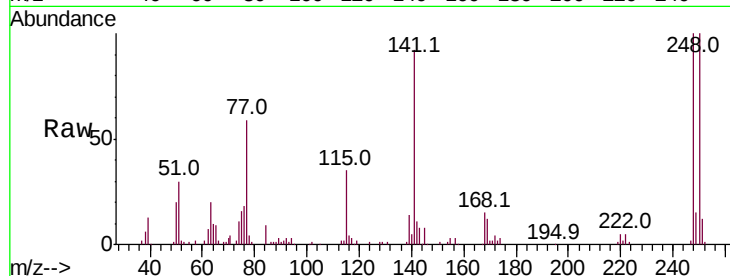




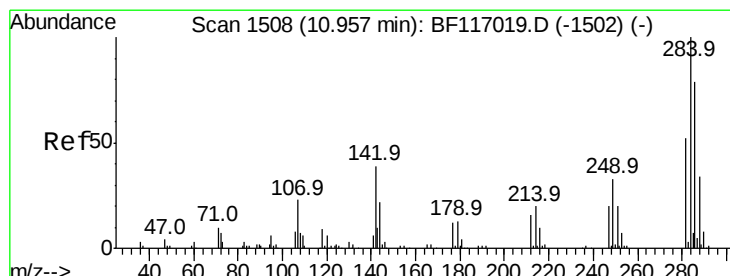
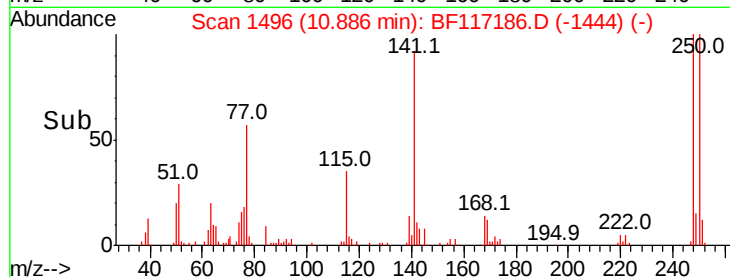
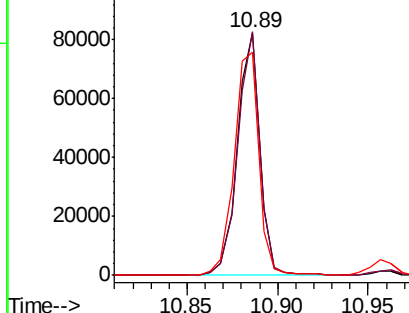
#67
 4-Bromophenyl-phenylether
 Concen: 48.856 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 71185
 Ion Ratio Lower Upper
 248 100
 250 100.2 76.2 114.4
 141 91.8 75.0 112.4

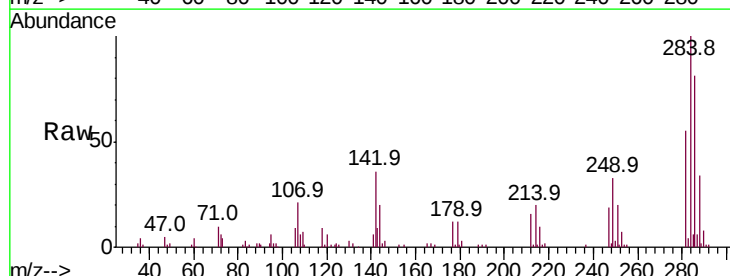


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

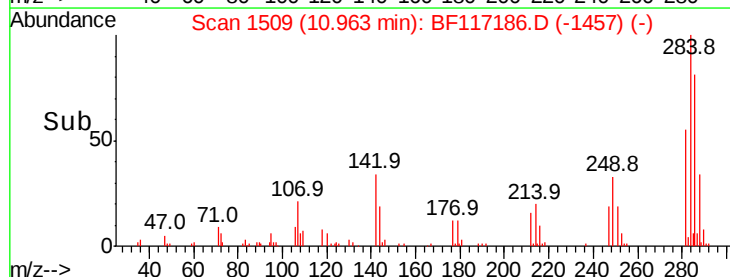
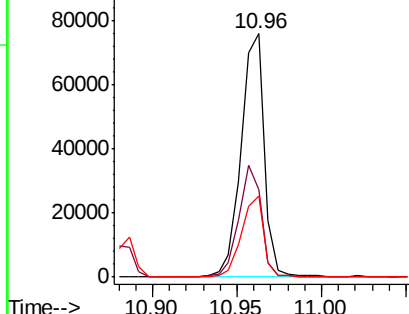


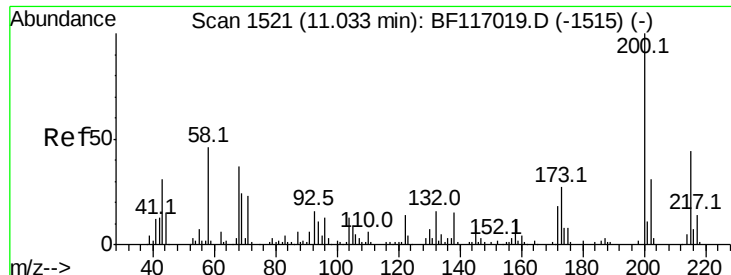
#68
 Hexachlorobenzene
 Concen: 45.755 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion:284 Resp: 72916
 Ion Ratio Lower Upper
 284 100
 142 36.0 31.4 47.2
 249 33.2 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

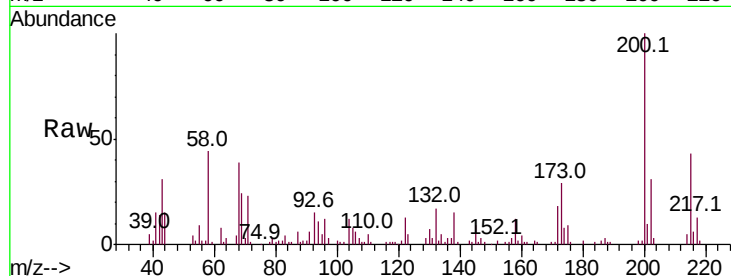




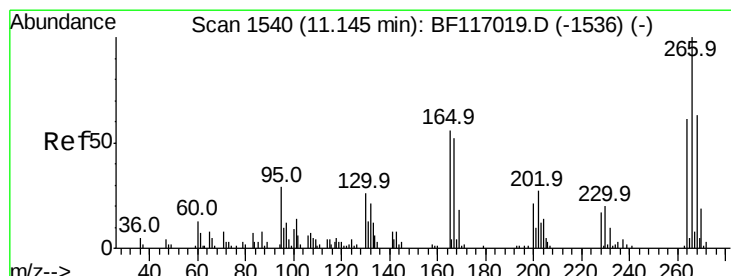
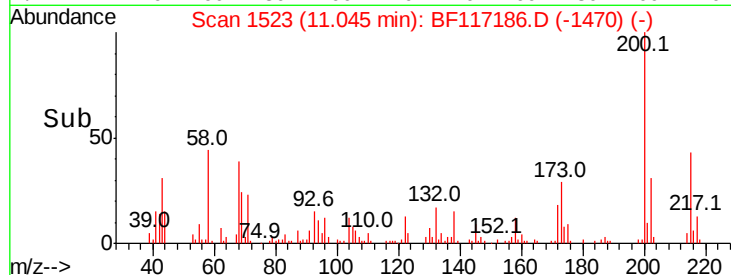
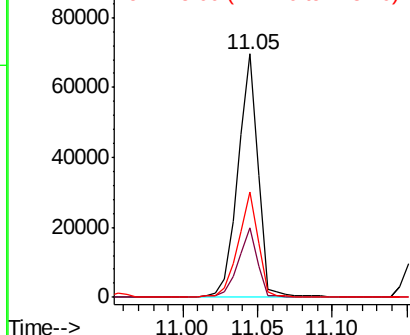
#69
Atrazine
Concen: 57.813 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	6.9	46.9
215	43.2	23.8	63.8

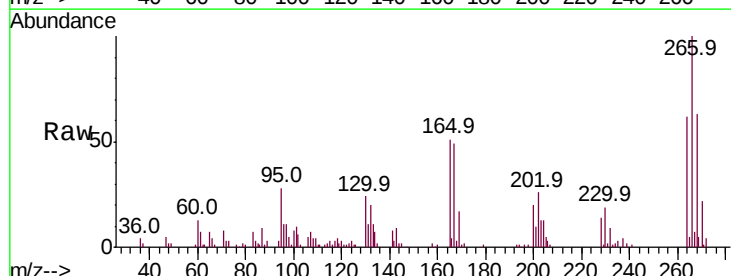


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

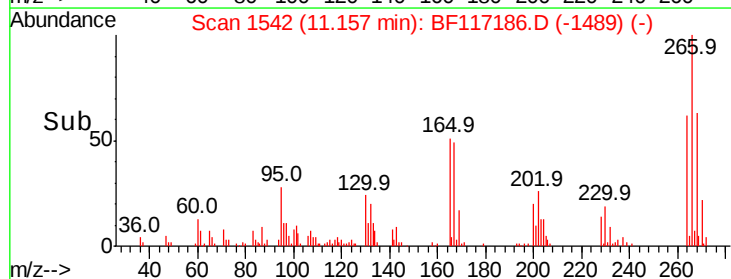
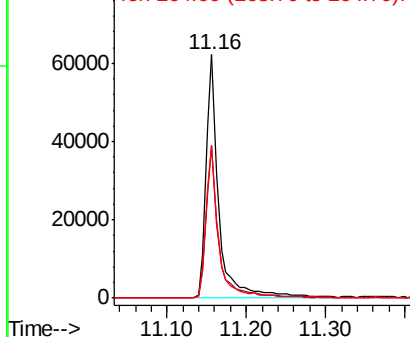


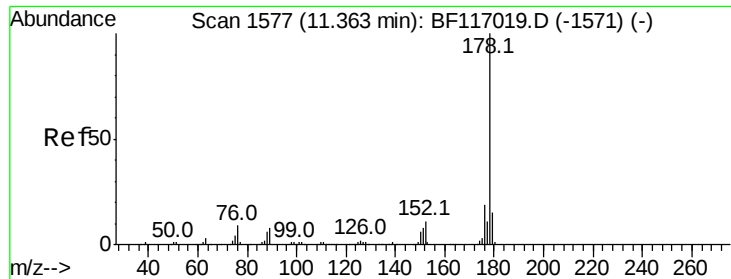
#70
Pentachlorophenol
Concen: 95.280 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.5	75.7
264	62.1	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

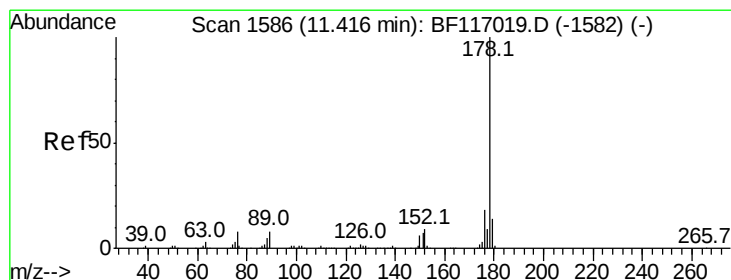
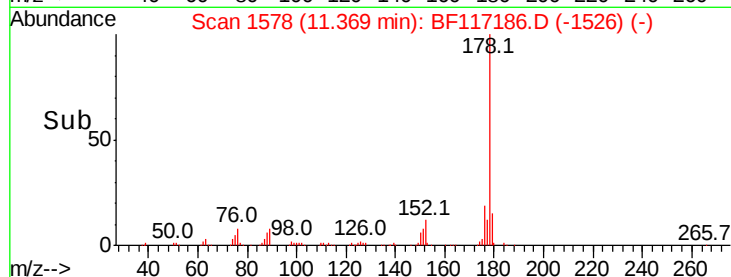
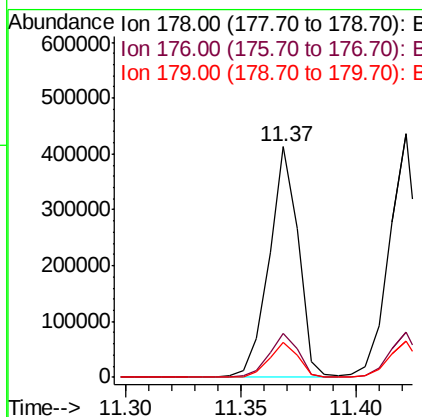
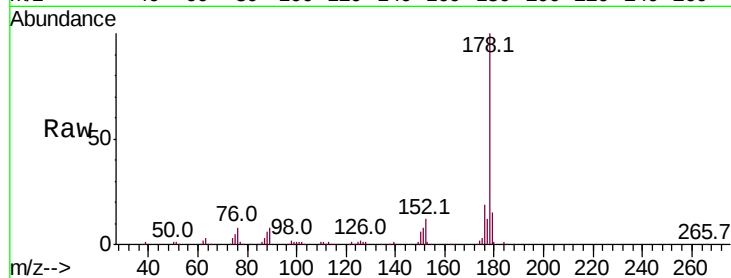




#71
Phenanthrene
Concen: 44.843 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

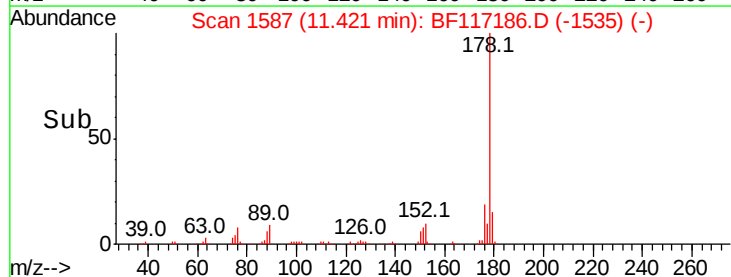
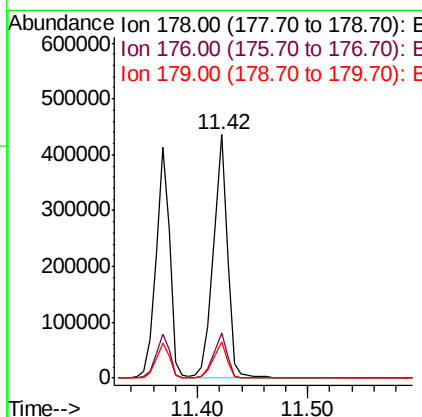
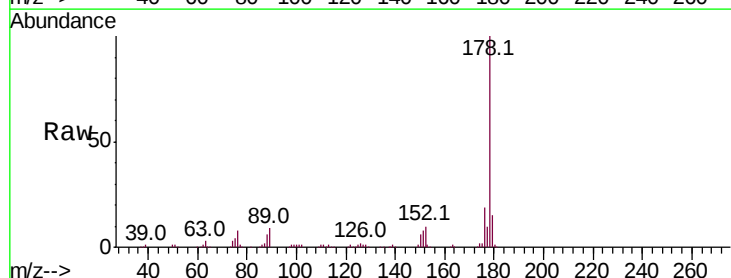
Instrument :
BNA_F
ClientSampled :

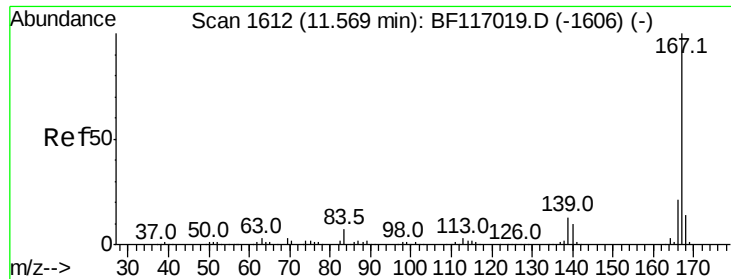
Tot Ion:178 Resp: 363395
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.3 12.4 18.6



#72
Anthracene
Concen: 46.559 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion:178 Resp: 385193
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.0 11.6 17.4

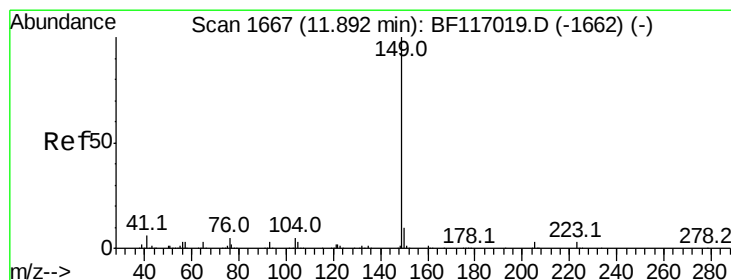
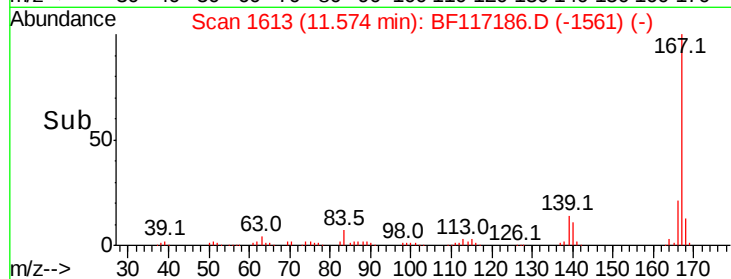
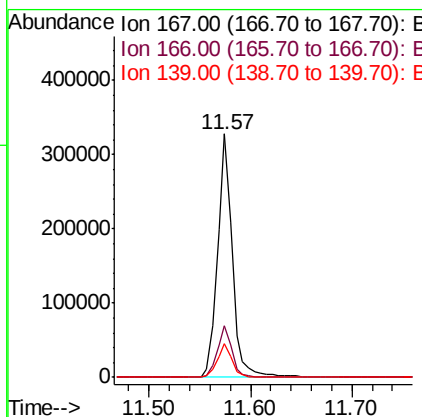
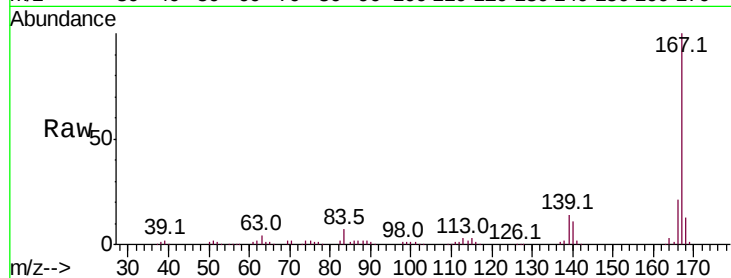




#73
 Carbazole
 Concen: 42.414 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

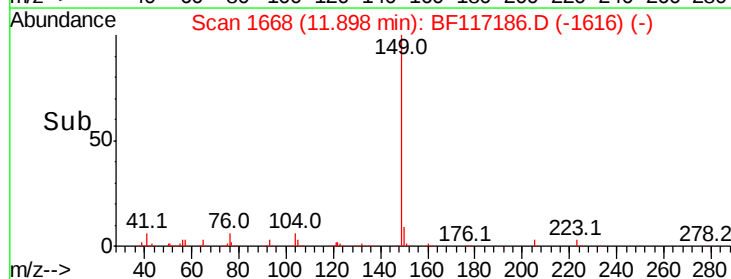
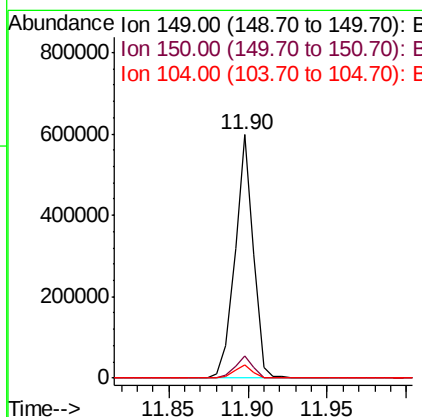
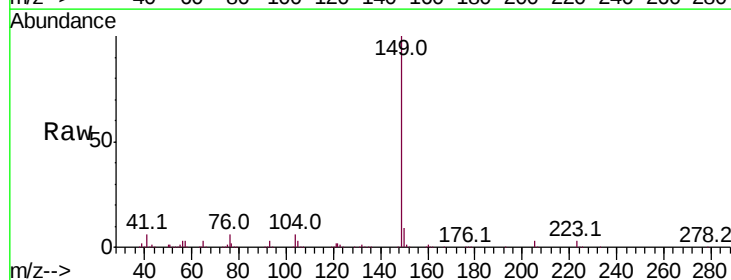
Instrument :
 BNA_F
 ClientSampleId :

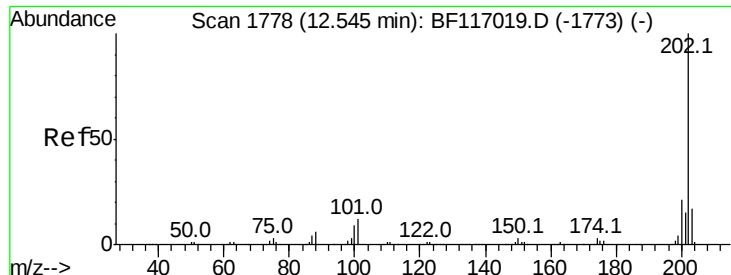
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	14.0	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 51.146 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

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

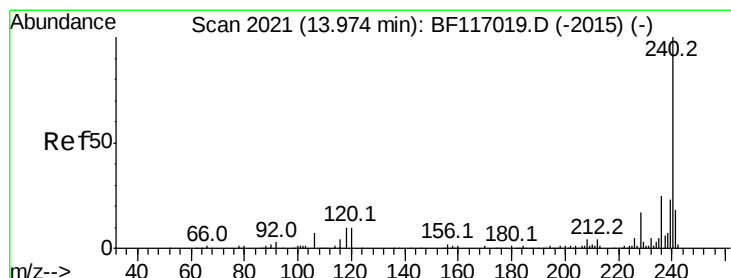
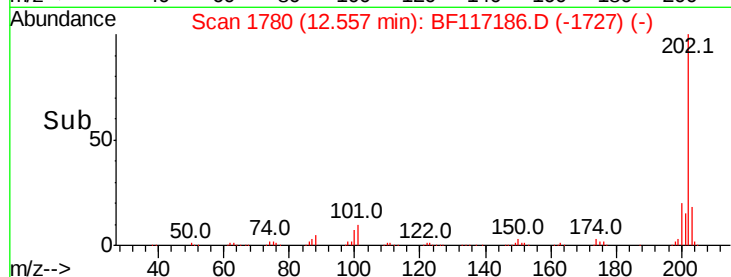
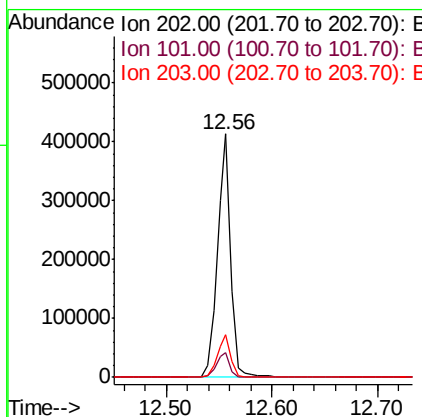
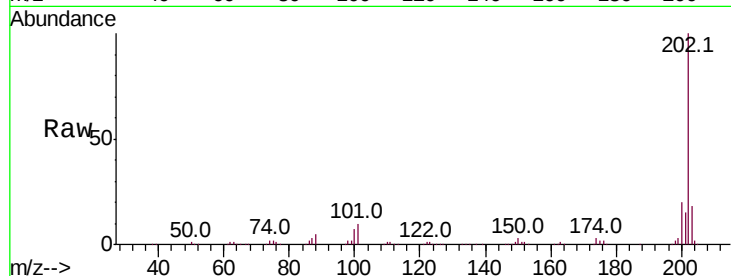




#75
 Fluoranthene
 Concen: 44.071 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

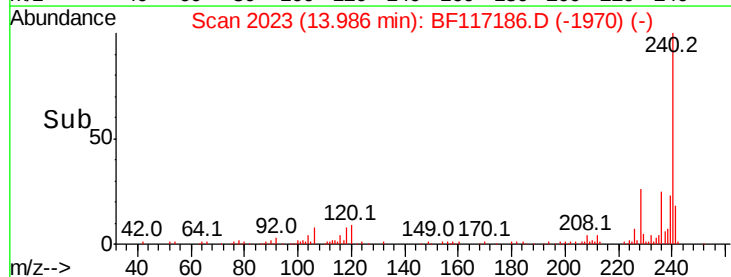
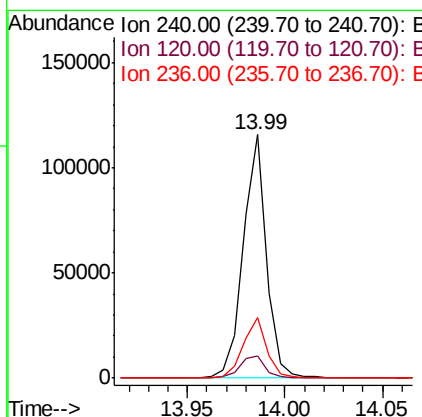
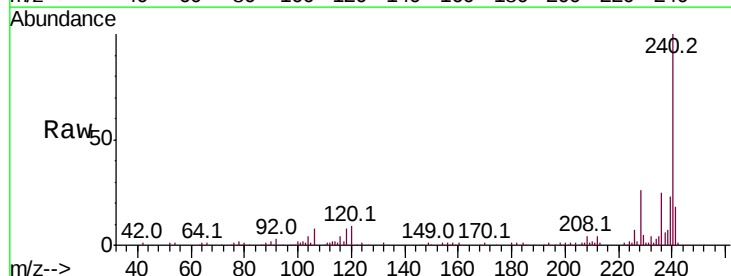
Instrument :
 BNA_F
 ClientSampleId :

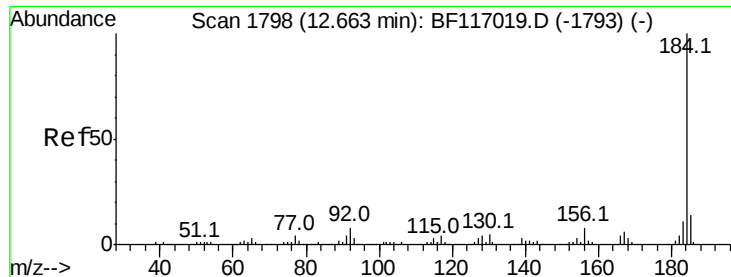
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	32.3
203	17.6	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.3	12.5
236	25.1	20.3	30.5





#77

Benzidine

Concen: 65.299 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

Instrument :

BNA_F

ClientSampleId :

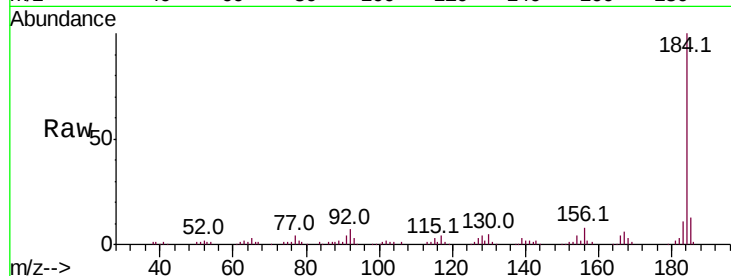
Tot Ion:184 Resp: 199532

Ion Ratio Lower Upper

184 100

185 13.4 11.6 17.4

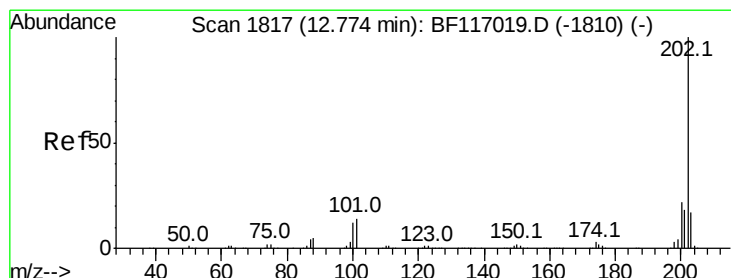
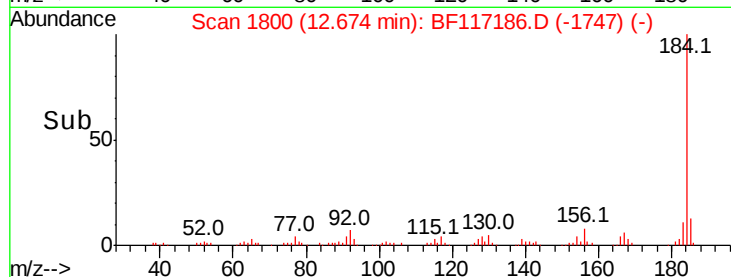
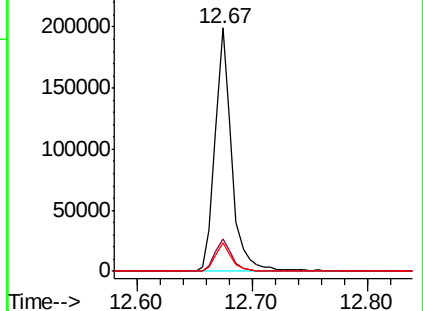
183 11.5 9.0 13.4



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: 45.571 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF117186.D

Acq: 20 Sep 2019 15:37

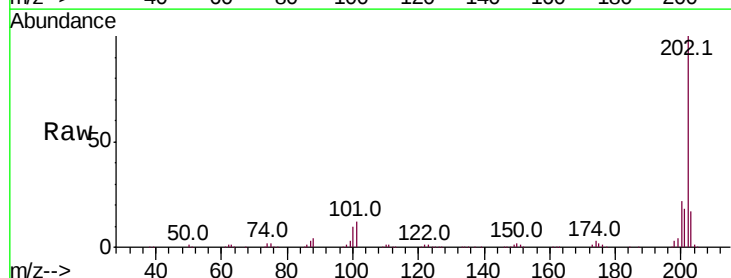
Tgt Ion:202 Resp: 362720

Ion Ratio Lower Upper

202 100

200 22.1 17.2 25.8

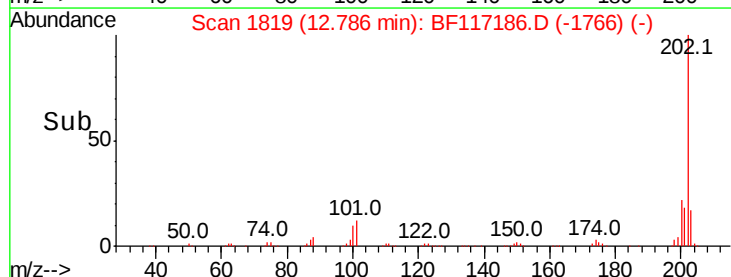
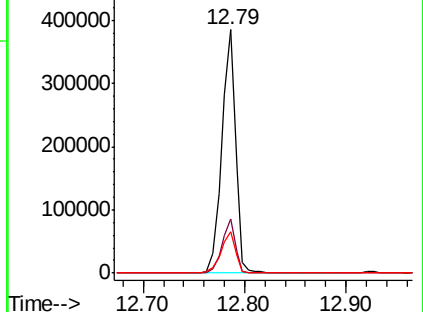
203 17.3 14.0 21.0

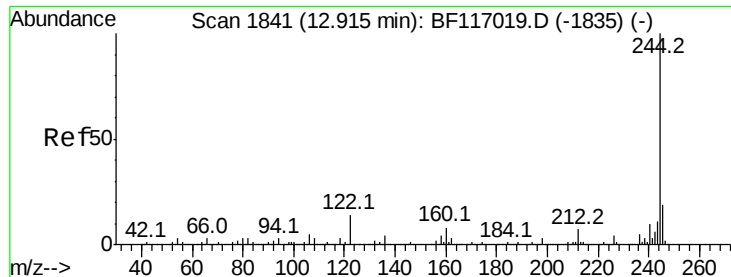


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

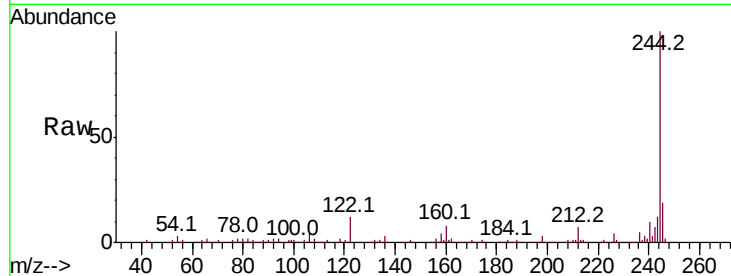




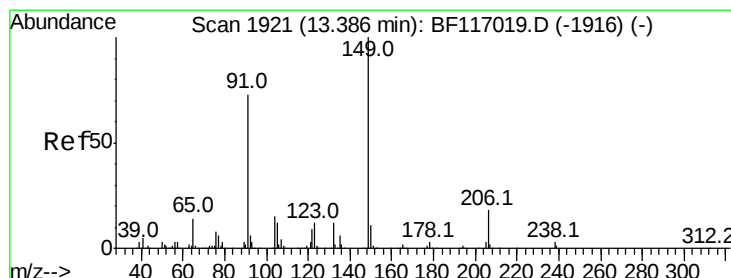
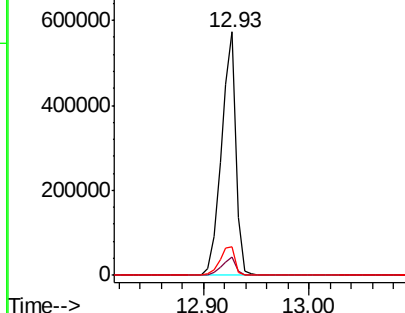
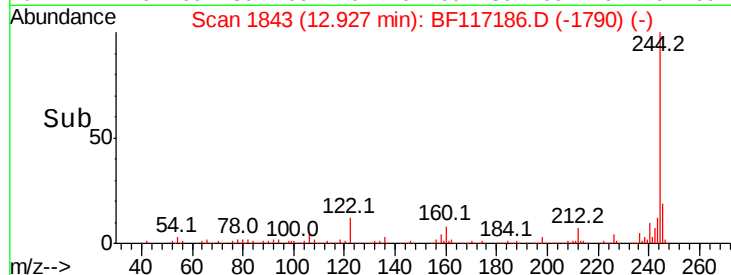
#79
 Terphenyl-d14
 Concen: 108.158 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 548876
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.9 11.3 16.9

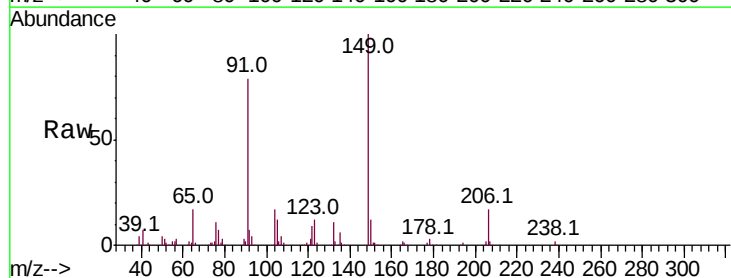


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

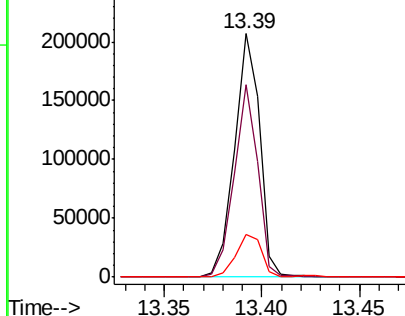
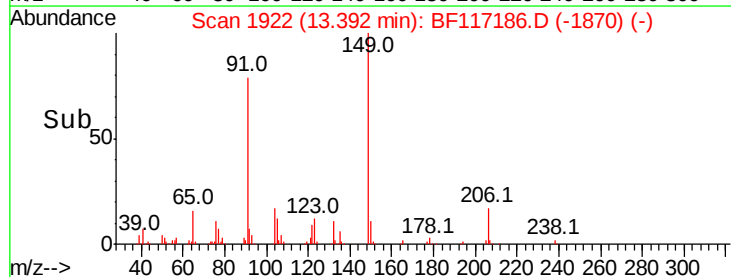


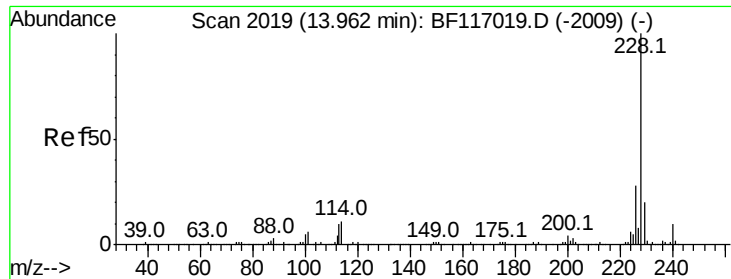
#80
 Butylbenzylphthalate
 Concen: 49.138 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion:149 Resp: 184804
 Ion Ratio Lower Upper
 149 100
 91 78.9 58.8 88.2
 206 17.4 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

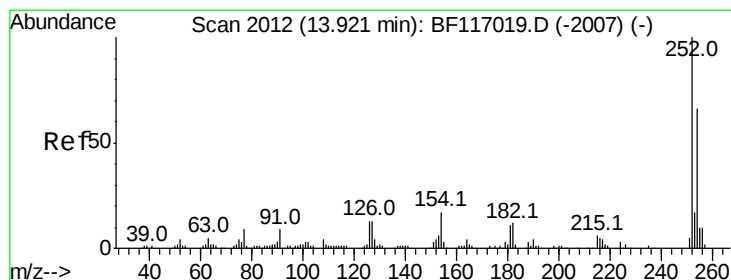
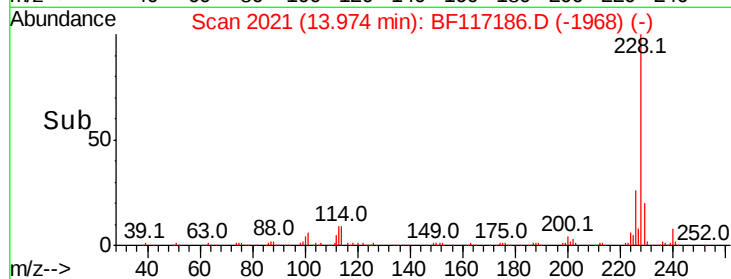
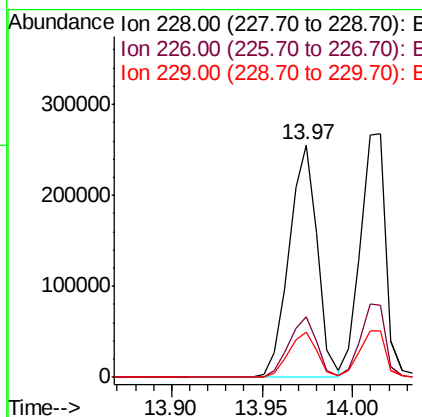
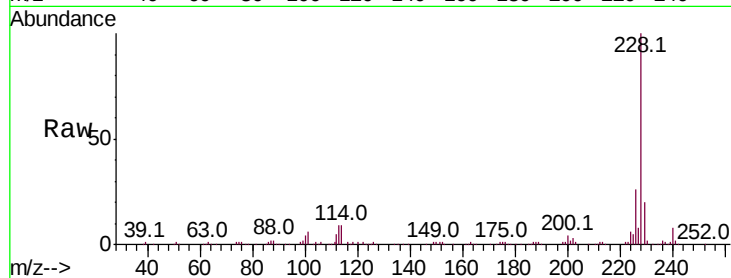




#81
Benzo(a)anthracene
Concen: 43.927 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

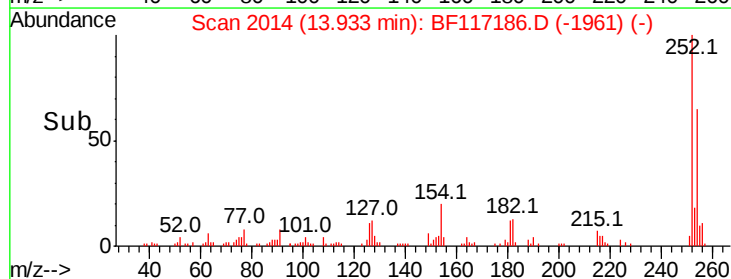
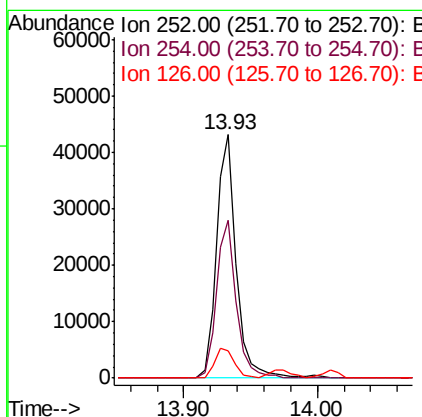
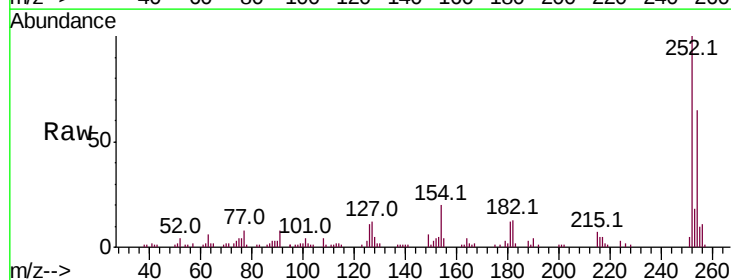
Instrument :
BNA_F
ClientSampleId :

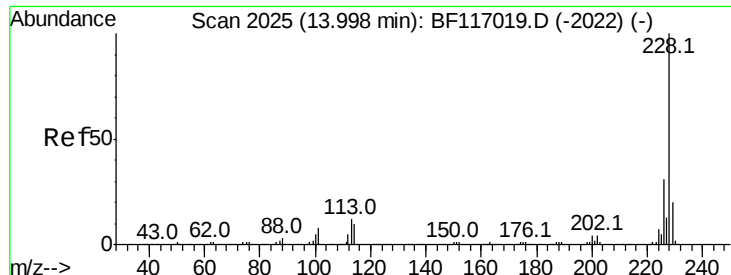
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.3	33.5
229	19.6	15.9	23.9



#82
3,3'-Dichlorobenzidine
Concen: 21.986 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.6	79.0
126	11.1	10.4	15.6

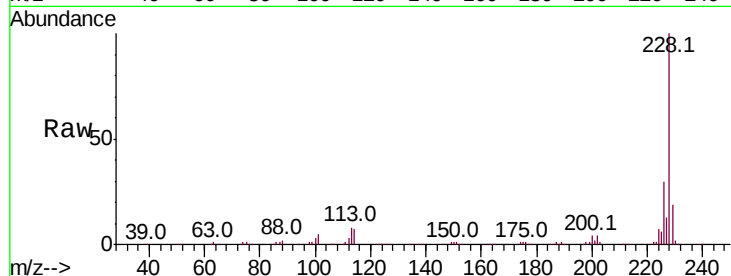




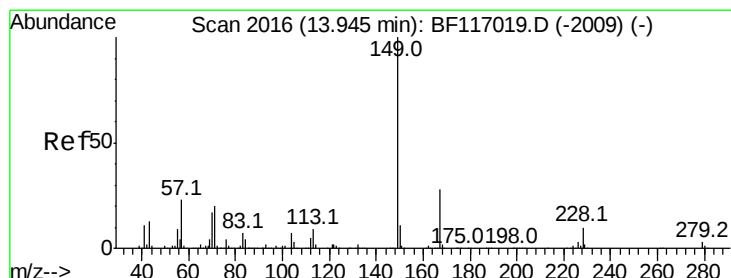
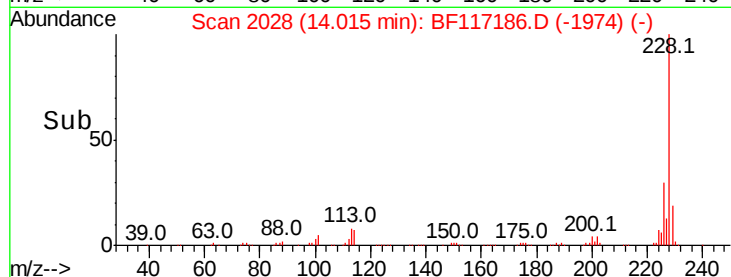
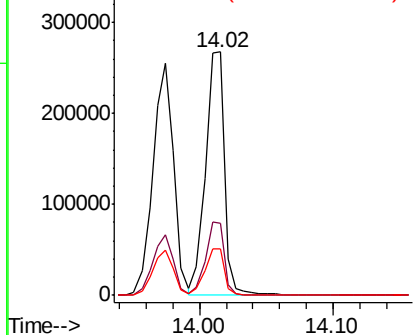
#83
 Chrysene
 Concen: 43.149 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.02 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.8	37.2
229	19.2	15.8	23.8

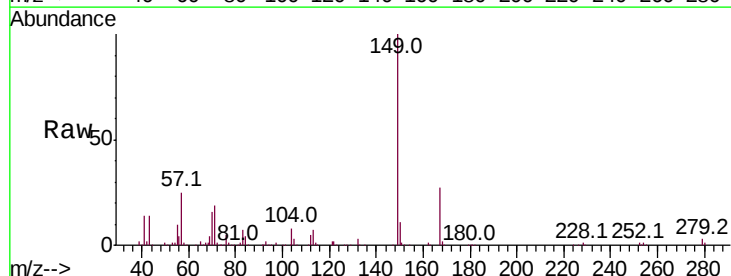


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

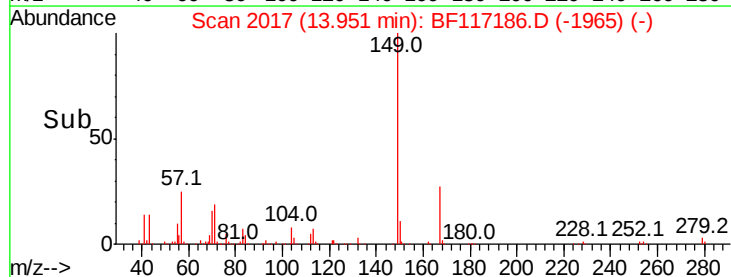
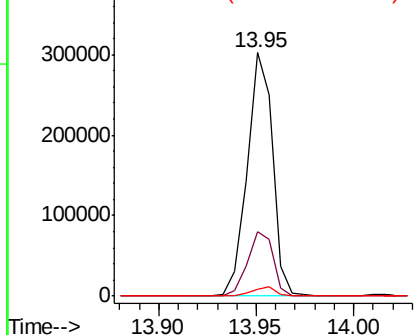


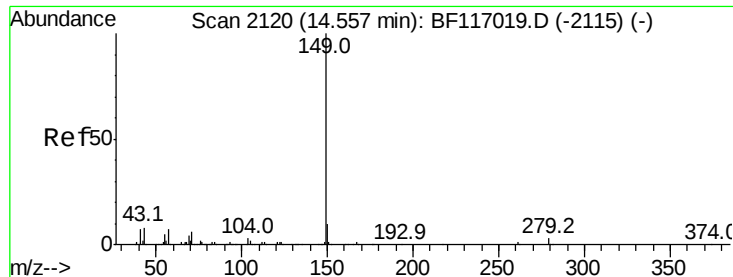
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.312 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF117186.D
 Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.2	33.2
279	3.0	2.8	4.2



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

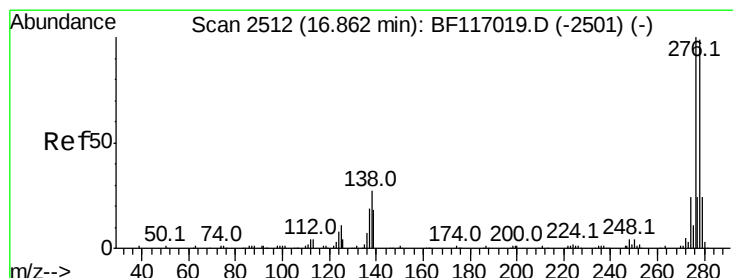
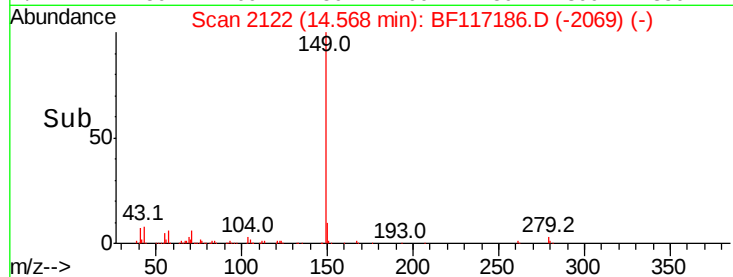
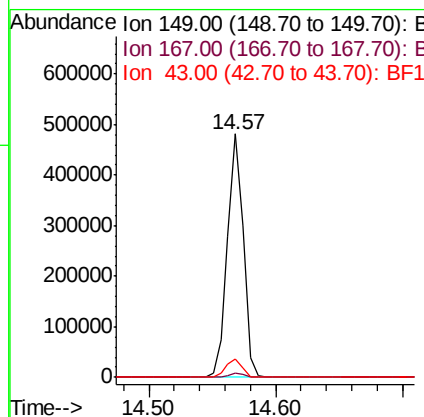
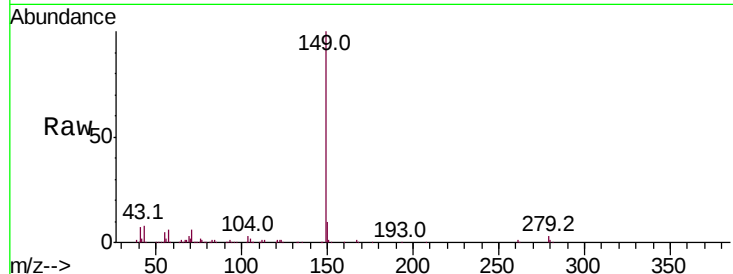




#85
Di-n-octyl phthalate
Concen: 55.096 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

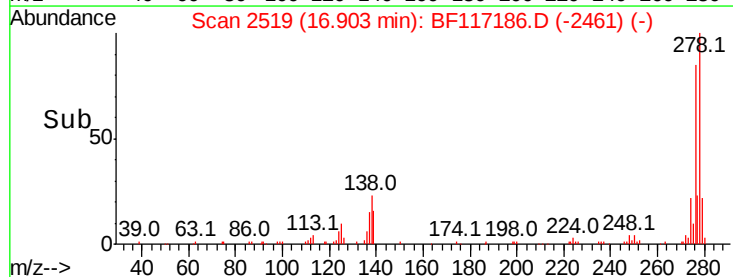
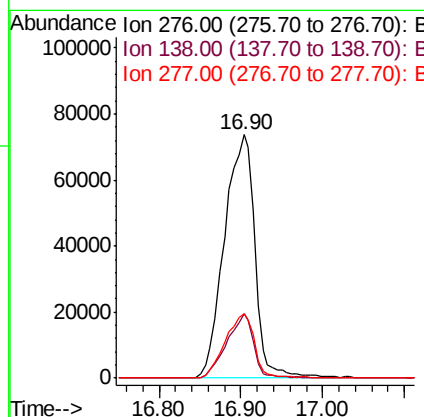
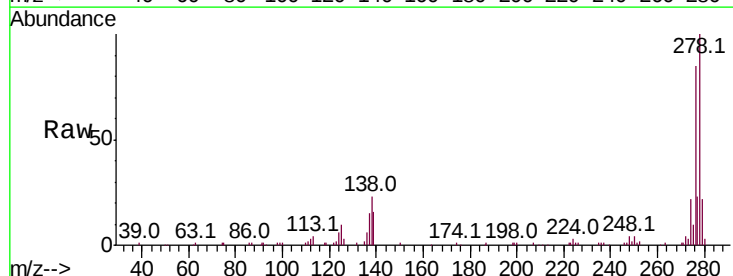
Instrument :
BNA_F
ClientSampleId :

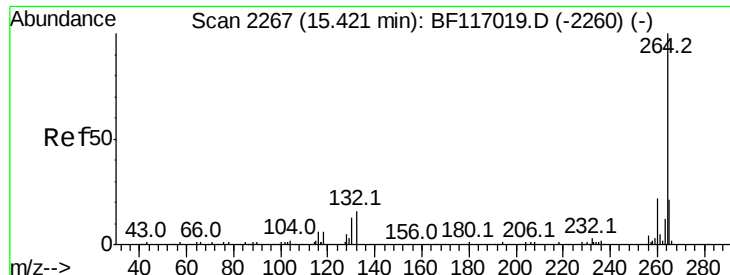
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.6	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.402 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.04 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	20.7	31.1
277	25.3	19.8	29.8



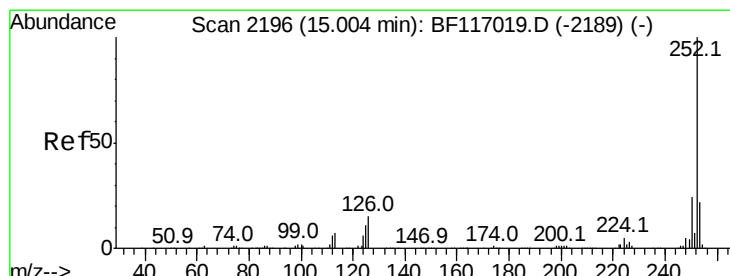
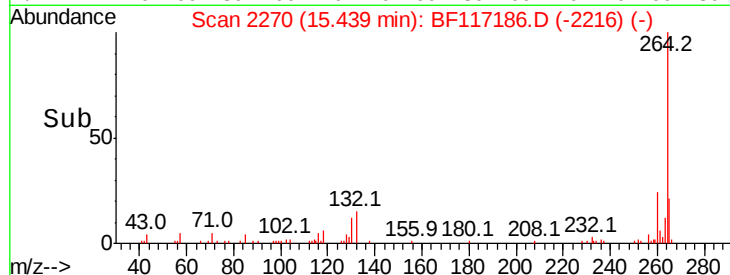
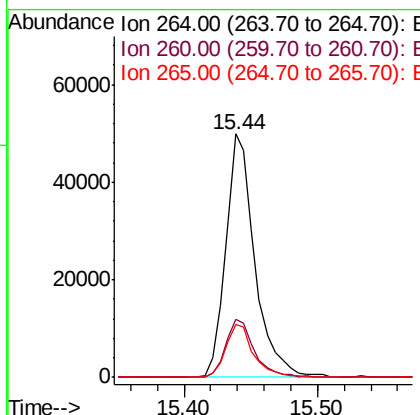
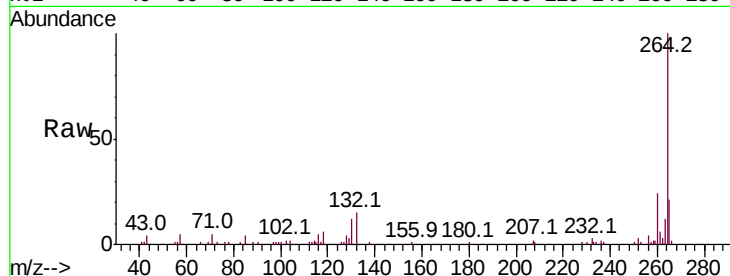


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 76126

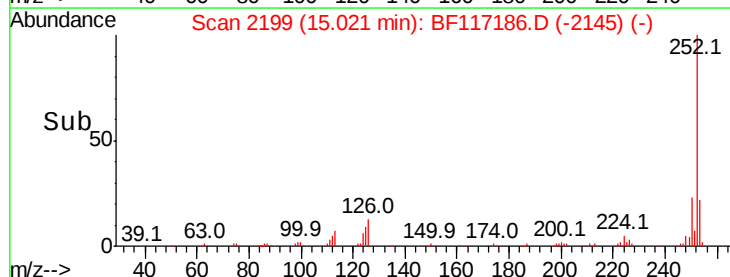
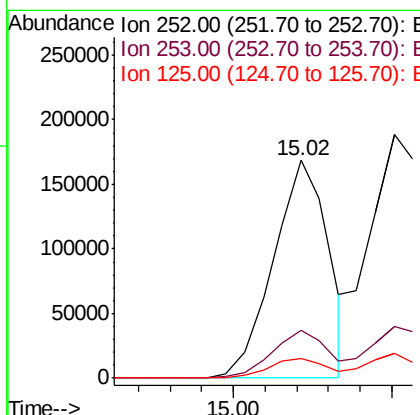
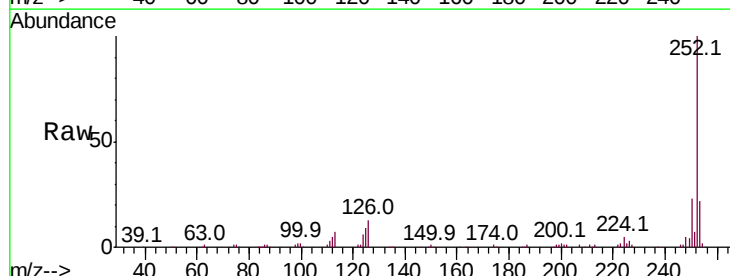
Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.6	26.4
265	21.5	16.6	24.8

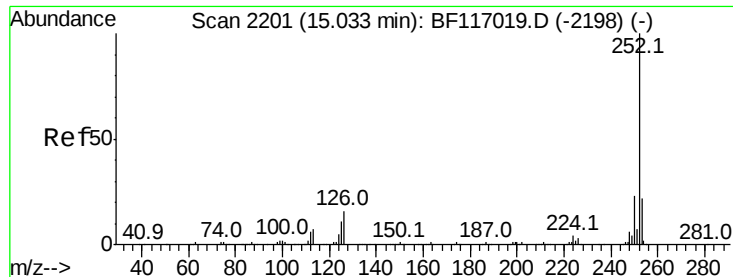


#88
Benzo(b)fluoranthene
Concen: 44.068 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion:252 Resp: 203208

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.1	8.6	12.8

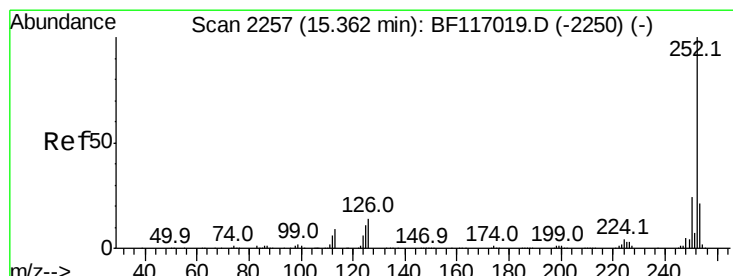
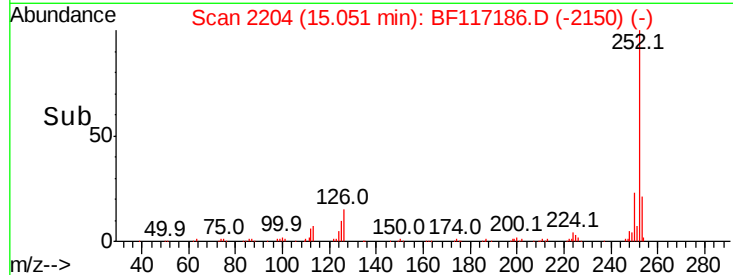
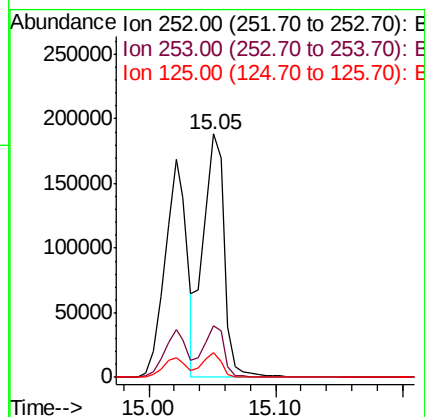
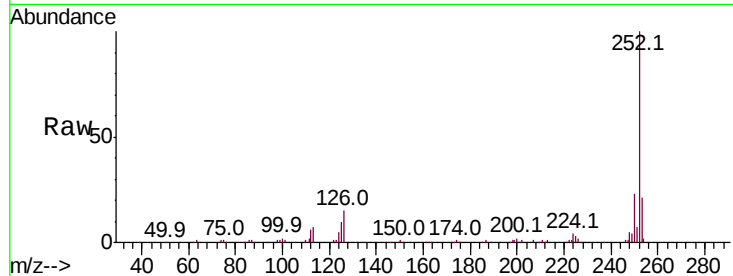




#89
Benzo(k)fluoranthene
Concen: 49.801 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

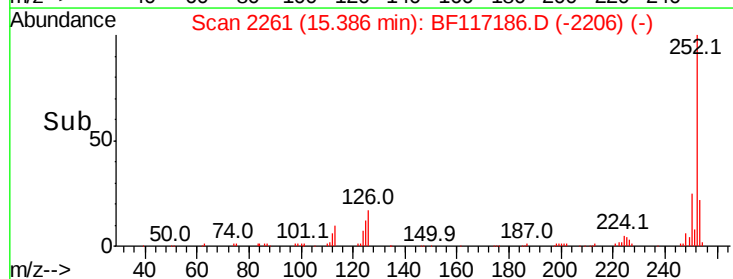
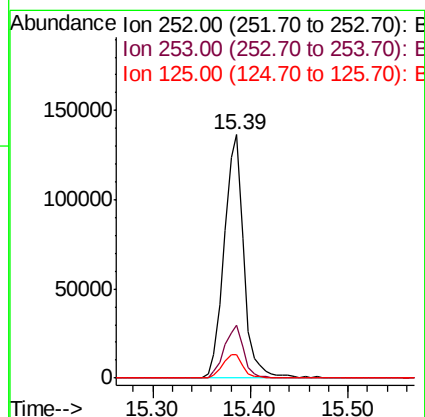
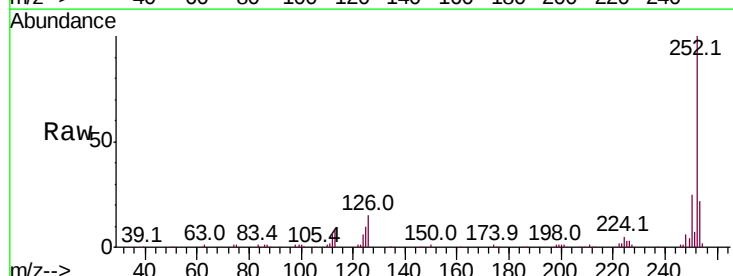
Instrument :
BNA_F
ClientSampleId :

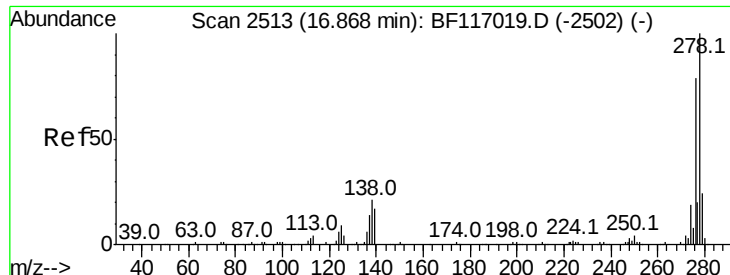
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	10.4	8.8	13.2



#90
Benzo(a)pyrene
Concen: 46.788 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.6	25.0
125	9.9	8.9	13.3

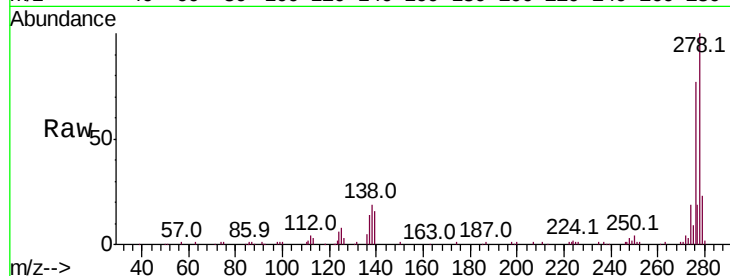




#91
Dibenzo(a,h)anthracene
Concen: 50.223 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.04 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.5	20.3
279	23.2	18.8	28.2

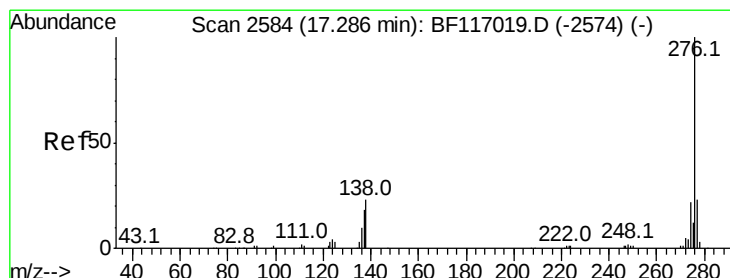
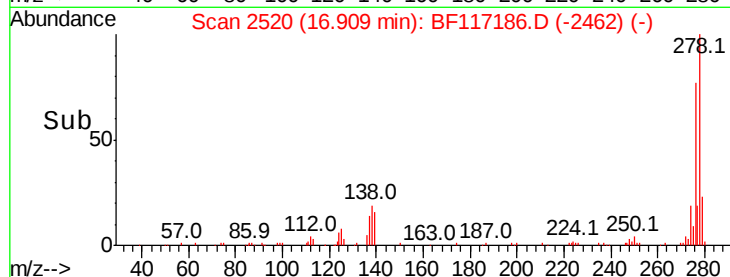
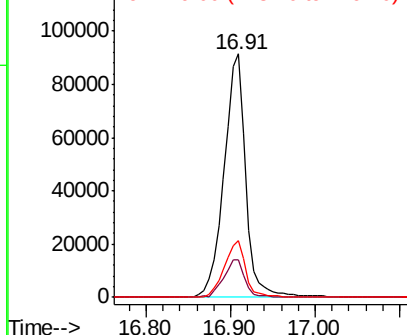


Abundance

Ion 278.00 (277.70 to 278.70): E

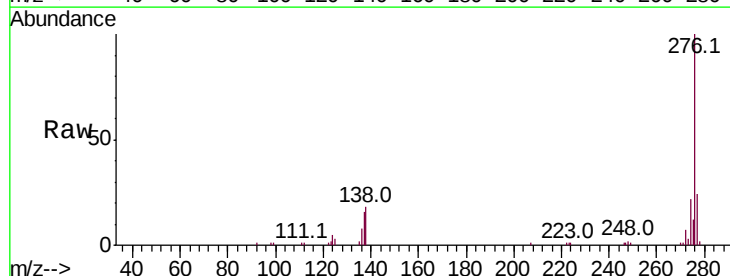
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.397 ng
RT: 17.33 min Scan# 2592
Delta R.T. 0.05 min
Lab File: BF117186.D
Acq: 20 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	27.8
138	18.2	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

