

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117194.D
 Acq On : 20 Sep 2019 19:10
 Operator : HP/JU
 Sample : PB123274BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 23:01:21 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	38515	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	167251	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	91674	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	148268	20.00	ng	0.01
76) Chrysene-d12	13.99	240	99429	20.00	ng	0.01
87) Perylene-d12	15.43	264	67160	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	276555	112.10	ng	0.02
7) Phenol-d6	6.47	99	354632	111.23	ng	0.01
23) Nitrobenzene-d5	7.39	82	216748	68.09	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	95554	124.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	421604	71.91	ng	0.00
79) Terphenyl-d14	12.92	244	415539	78.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	36909	35.755	ng	98
3) Pyridine	3.44	79	81355	28.793	ng	94
4) n-Nitrosodimethylamine	3.39	42	44655	46.054	ng	# 76
6) Aniline	6.49	93	121940	29.707	ng	# 87
8) 2-Chlorophenol	6.61	128	117394	44.111	ng	98
9) Benzaldehyde	6.37	77	64743	40.840	ng	98
10) Phenol	6.48	94	147402	41.939	ng	86
11) bis(2-Chloroethyl)ether	6.56	93	110201	42.661	ng	98
12) 1,3-Dichlorobenzene	6.76	146	120433	40.327	ng	98
13) 1,4-Dichlorobenzene	6.83	146	123877	40.647	ng	97
14) 1,2-Dichlorobenzene	6.99	146	117723	41.488	ng	98
15) Benzyl Alcohol	6.97	79	111763	45.714	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	98173	38.467	ng	79
17) 2-Methylphenol	7.08	107	98187	44.021	ng	94
18) Hexachloroethane	7.33	117	48557	41.415	ng	95
19) n-Nitroso-di-n-propylamine	7.24	70	88578	45.627	ng	93
20) 3+4-Methylphenols	7.23	107	127471	45.882	ng	# 88
22) Acetophenone	7.23	105	180690	42.522	ng	94
24) Nitrobenzene	7.40	77	130654	41.563	ng	98
25) Isophorone	7.65	82	240852	42.734	ng	97
26) 2-Nitrophenol	7.72	139	60004	44.439	ng	95
27) 2,4-Dimethylphenol	7.76	122	102245	47.751	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	141528	40.758	ng	99
29) 2,4-Dichlorophenol	7.96	162	96999	43.234	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	97821	40.357	ng	97
31) Naphthalene	8.12	128	342371	42.564	ng	99
32) Benzoic acid	7.92	122	54433	35.636	ng	94
33) 4-Chloroaniline	8.17	127	85294	23.908	ng	97
34) Hexachlorobutadiene	8.24	225	58261	42.365	ng	94
35) Caprolactam	8.56	113	14756	19.431	ng	96
36) 4-Chloro-3-methylphenol	8.66	107	115875	44.294	ng	95
37) 2-Methylnaphthalene	8.82	142	240114	44.329	ng	99
38) 1-Methylnaphthalene	8.92	142	216716	42.719	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	98339	41.541	ng	97

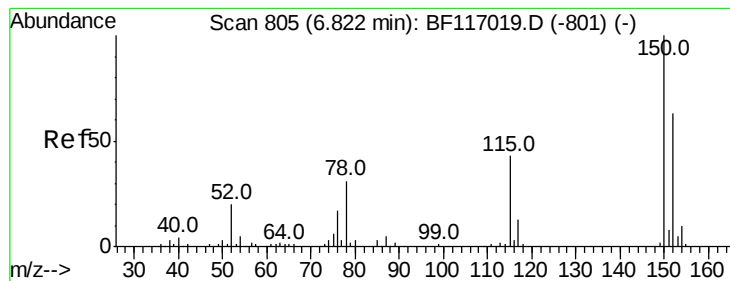
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117194.D
 Acq On : 20 Sep 2019 19:10
 Operator : HP/JU
 Sample : PB123274BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 23:01:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	79636	76.487	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	64897	40.397	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	69176	40.303	nq	98
46) 1,1'-Biphenyl	9.28	154	288864	40.171	nq	98
47) 2-Chloronaphthalene	9.30	162	224231	39.511	nq	99
48) 2-Nitroaniline	9.40	65	68420	37.587	nq	93
49) Acenaphthylene	9.72	152	347378	40.860	nq	99
50) Dimethylphthalate	9.58	163	266117	40.998	nq	99
51) 2,6-Dinitrotoluene	9.65	165	56003	42.362	nq #	77
52) Acenaphthene	9.89	154	203513	40.382	nq	99
53) 3-Nitroaniline	9.82	138	40664	24.379	nq	87
54) 2,4-Dinitrophenol	9.93	184	43104	76.025	nq	96
55) Dibenzofuran	10.06	168	316986	42.630	nq	97
56) 4-Nitrophenol	9.99	139	72008	66.611	nq	86
57) 2,4-Dinitrotoluene	10.06	165	76553	44.610	nq #	89
58) Fluorene	10.41	166	262830	43.880	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	56349	42.901	nq #	95
60) Diethylphthalate	10.28	149	279796	43.814	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	117327	45.273	nq	95
62) 4-Nitroaniline	10.44	138	58728	33.857	nq #	79
63) Azobenzene	10.56	77	284196	43.574	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	31211	46.458	nq	85
66) n-Nitrosodiphenylamine	10.52	169	225273	43.994	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	66890	44.176	nq	93
68) Hexachlorobenzene	10.96	284	69988	42.260	nq #	91
69) Atrazine	11.05	200	62126	50.341	nq	98
70) Pentachlorophenol	11.16	266	66161	85.225	nq	98
71) Phenanthrene	11.37	178	351997	41.797	nq	99
72) Anthracene	11.42	178	363140	42.236	nq	99
73) Carbazole	11.57	167	321178	39.355	nq	99
74) Di-n-butylphthalate	11.90	149	457352	47.102	nq	99
75) Fluoranthene	12.56	202	356108	41.154	nq	98
77) Benzidine	12.67	184	89832	28.047	nq	98
78) Pyrene	12.79	202	345512	41.414	nq	99
80) Butylbenzylphthalate	13.39	149	176692	44.821	nq	97
81) Benzo(a)anthracene	13.97	228	265994	40.041	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	71203	33.262	nq	97
83) Chrysene	14.01	228	260357	40.184	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	261739	51.495	nq	97
85) Di-n-octyl phthalate	14.56	149	408629	51.079	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	176157	37.267	nq	97
88) Benzo(b)fluoranthene	15.02	252	206303	50.712	nq	97
89) Benzo(k)fluoranthene	15.04	252	205199	53.248	nq	98
90) Benzo(a)pyrene	15.37	252	182369	51.086	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	151935	53.426	nq	97
92) Benzo(g,h,i)perylene	17.32	276	137851	48.644	nq	94

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

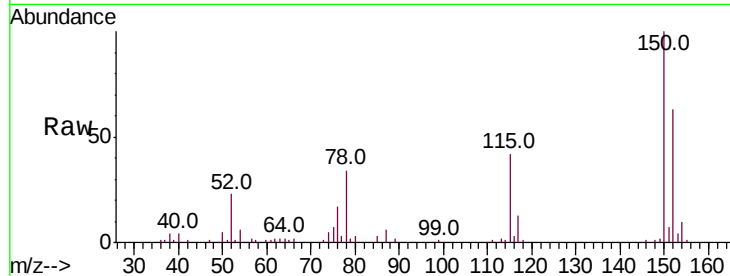


#1

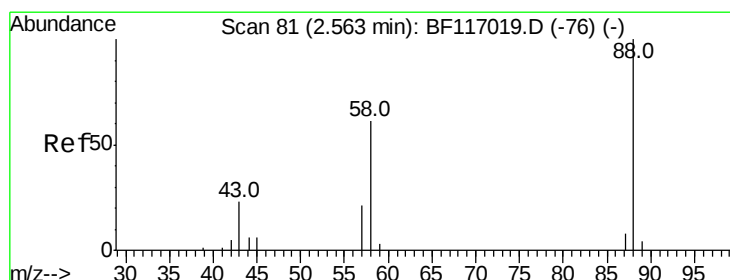
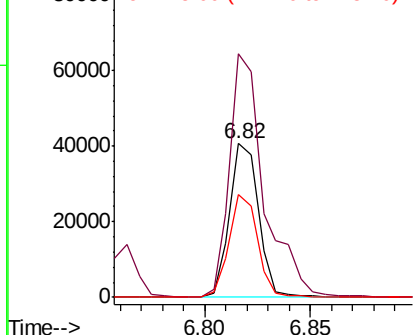
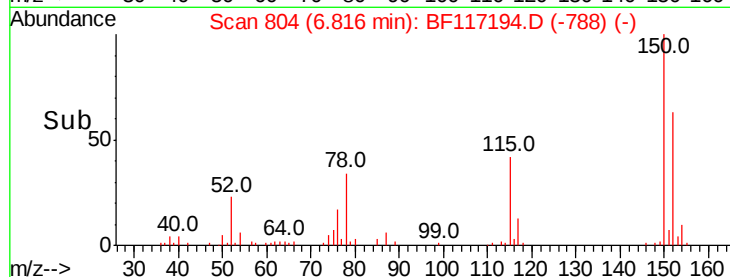
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 38515
Ion Ratio Lower Upper
152 100
150 158.7 127.5 191.3
115 67.1 55.0 82.4



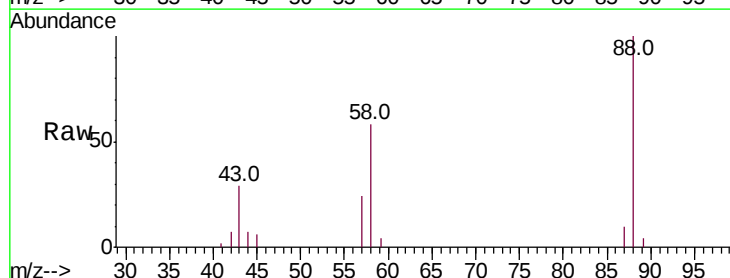
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



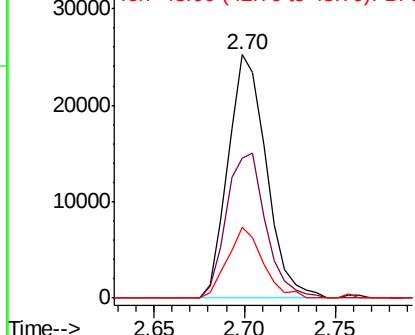
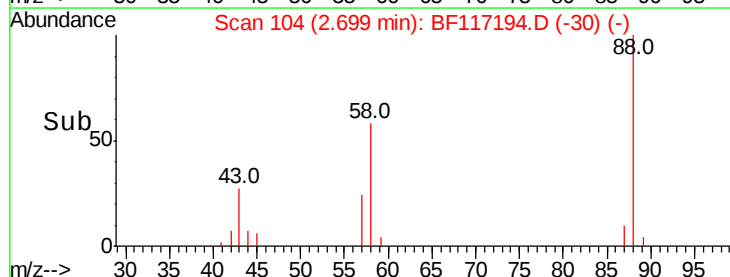
#2

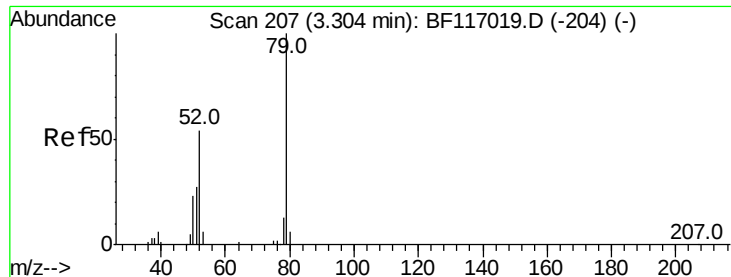
1,4-Dioxane
Concen: 35.755 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.14 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion: 88 Resp: 36909
Ion Ratio Lower Upper
88 100
58 61.4 49.3 73.9
43 27.1 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

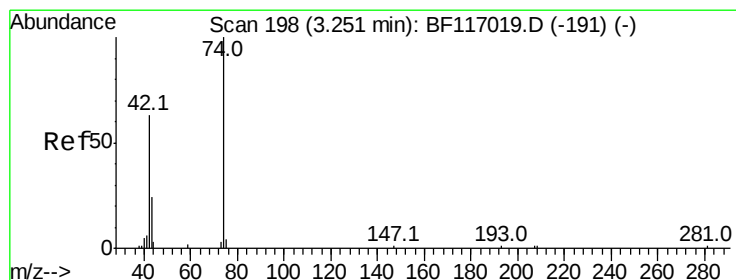
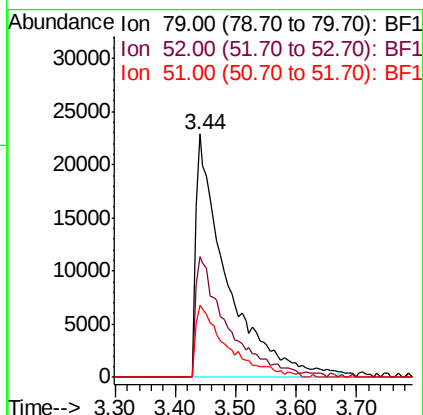
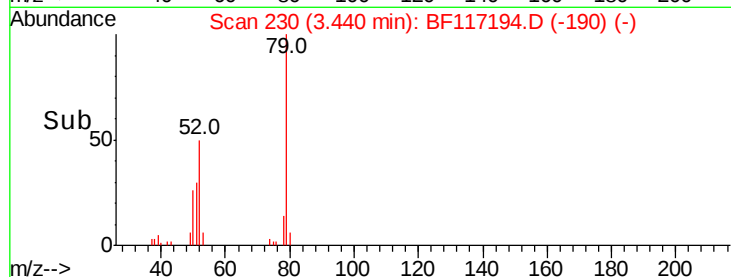
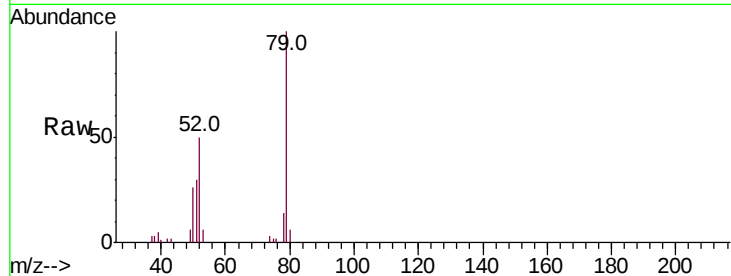




#3
 Pvridine
 Concen: 28.793 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.14 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

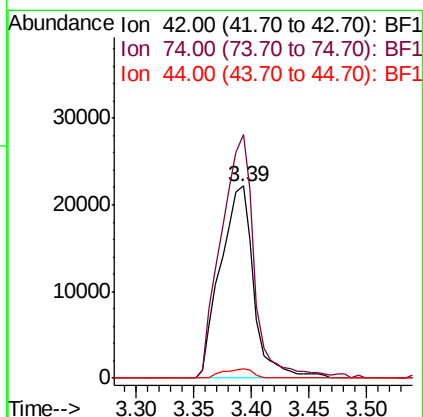
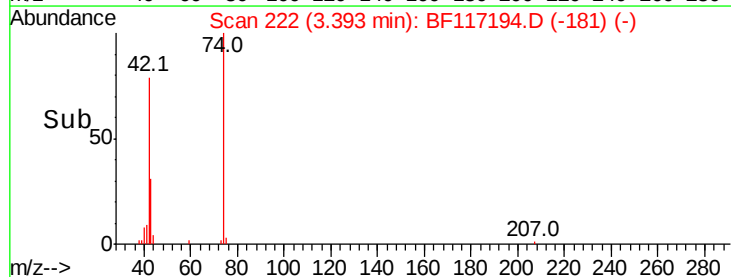
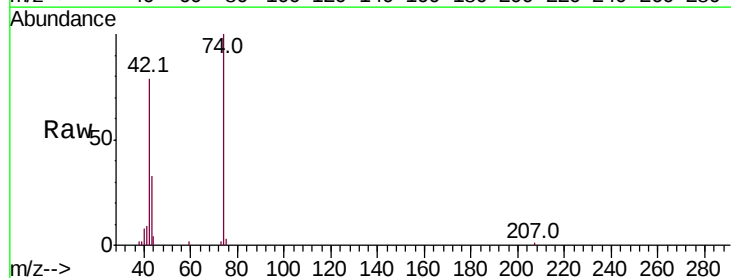
Instrument :
 BNA_F
 ClientSampleId :

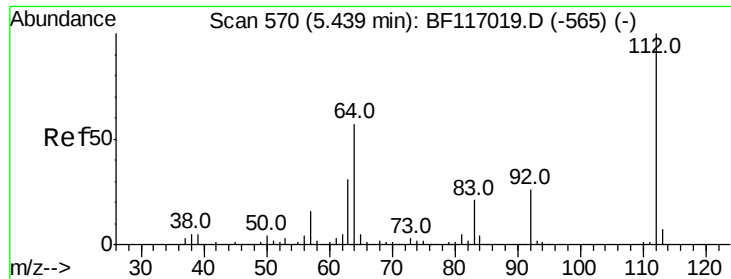
Tot Ion	Ratio	Lower	Upper
79	100		
52	49.5	43.5	65.3
51	29.8	21.8	32.6



#4
 n-Nitrosodimethylamine
 Concen: 46.054 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.14 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.7	127.1	190.7#
44	4.8	4.3	6.5

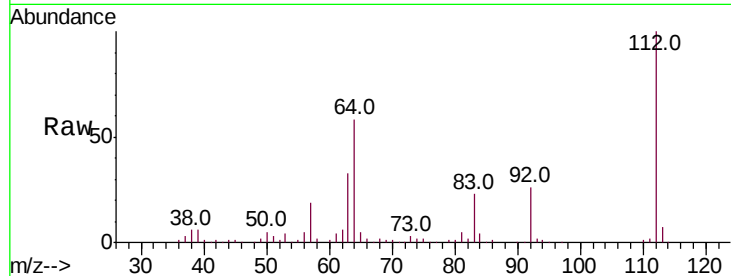




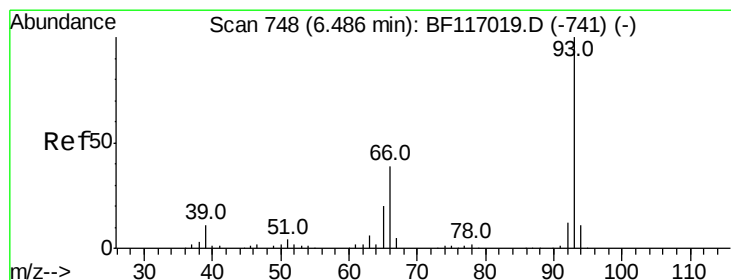
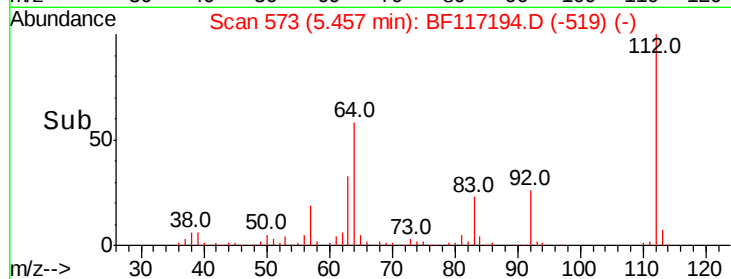
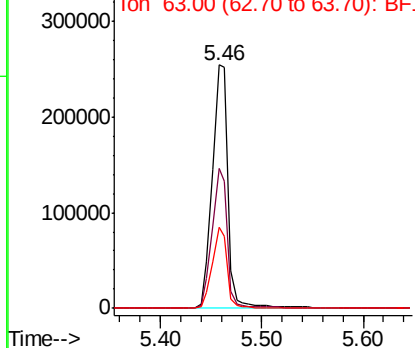
#5
 2-Fluorophenol
 Concen: 112.105 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.02 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 276555
 Ion Ratio Lower Upper
 112 100
 64 57.6 45.7 68.5
 63 33.3 24.9 37.3

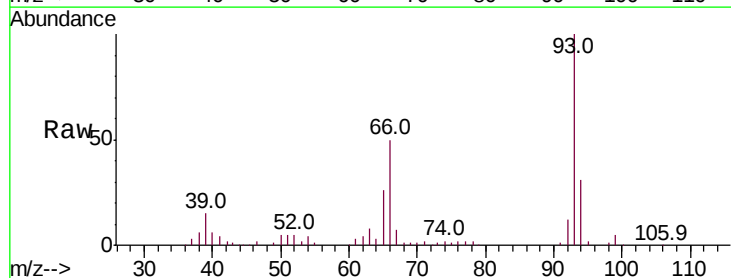


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

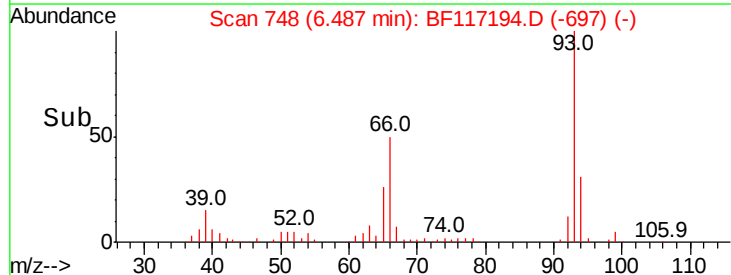
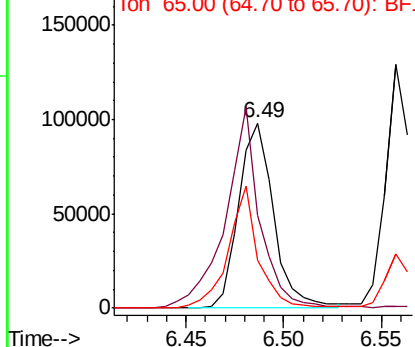


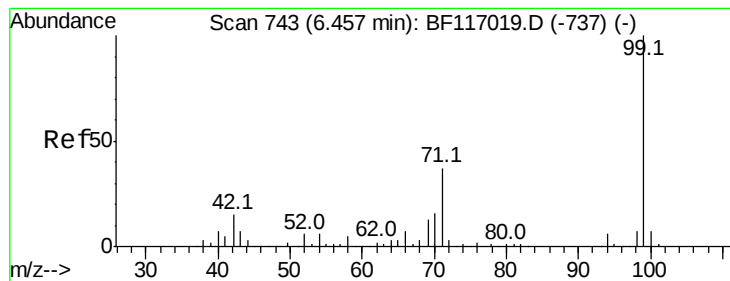
#6
 Aniline
 Concen: 29.707 ng
 RT: 6.49 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion: 93 Resp: 121940
 Ion Ratio Lower Upper
 93 100
 66 49.8 32.6 49.0#
 65 25.6 16.7 25.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.234 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

ClientSampleId :

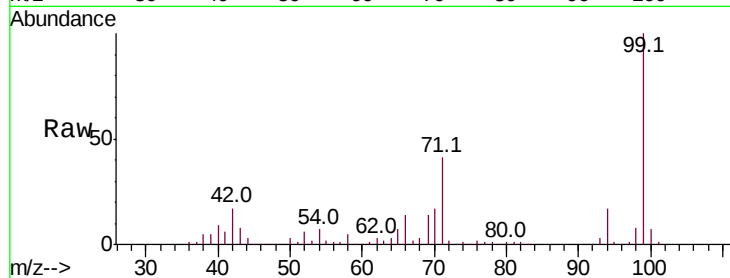
Tot Ion: 99 Resp: 354632

Ion Ratio Lower Upper

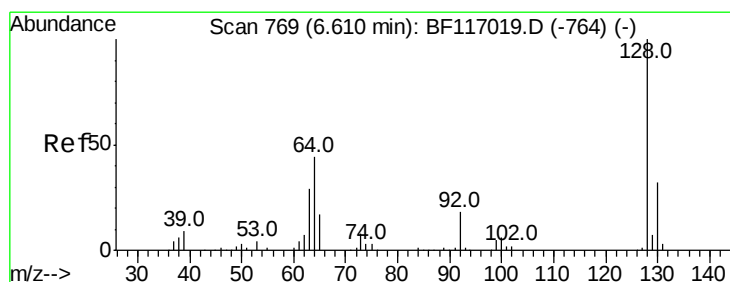
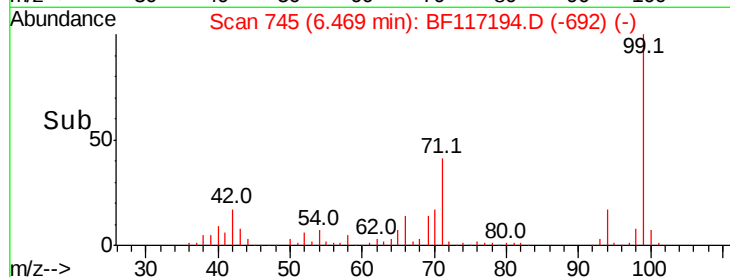
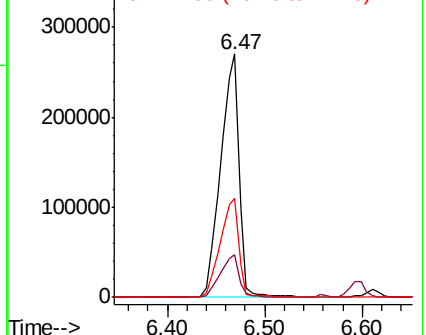
99 100

42 17.4 12.2 18.2

71 40.8 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: 44.111 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

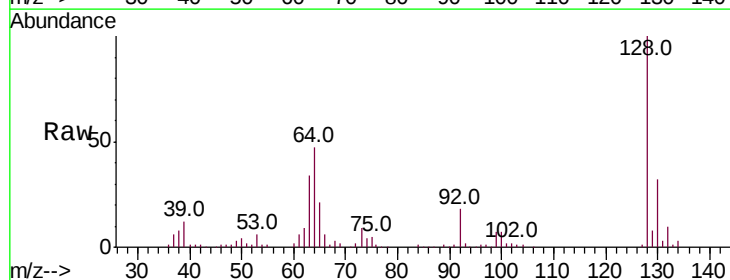
Tgt Ion: 128 Resp: 117394

Ion Ratio Lower Upper

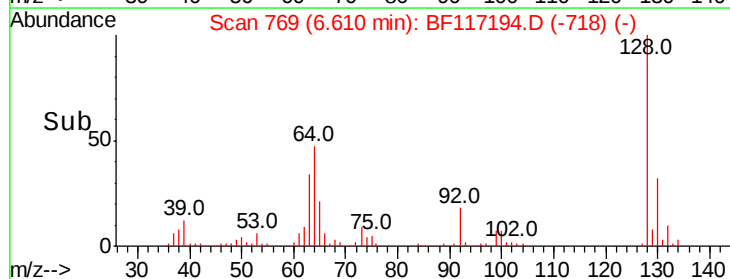
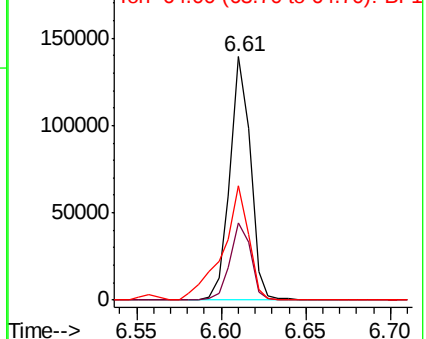
128 100

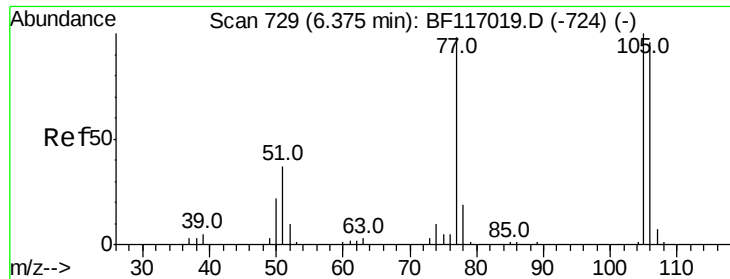
130 31.9 11.8 51.8

64 47.0 25.0 65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.840 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

ClientSampled :

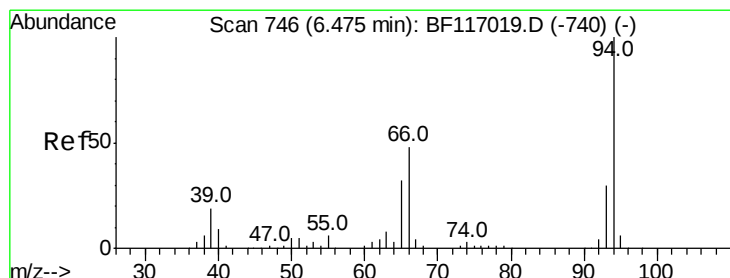
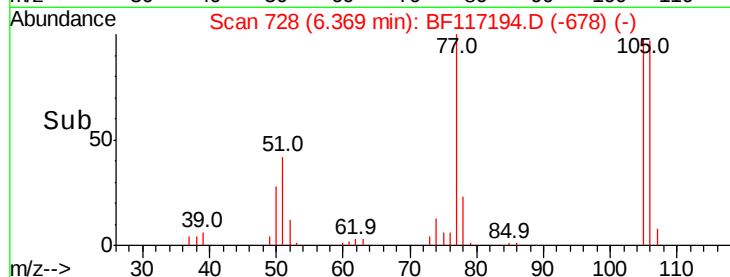
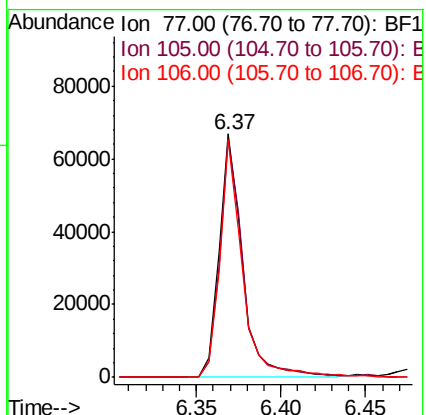
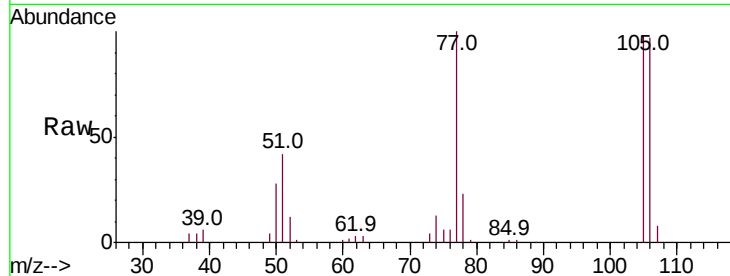
Tot Ion: 77 Resp: 64743

Ion Ratio Lower Upper

77 100

105 97.9 81.8 121.8

106 97.4 77.3 117.3



#10

Phenol

Concen: 41.939 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

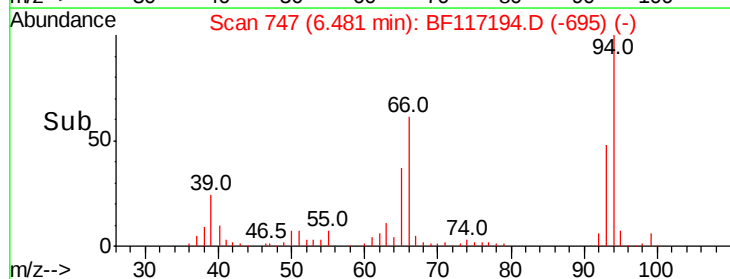
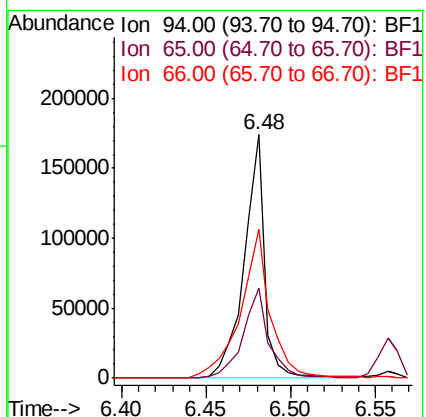
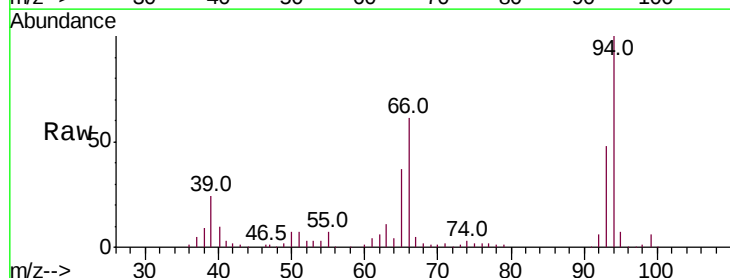
Tgt Ion: 94 Resp: 147402

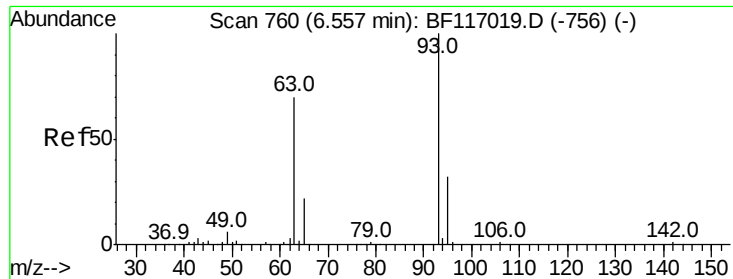
Ion Ratio Lower Upper

94 100

65 37.1 12.5 52.5

66 61.3 28.9 68.9

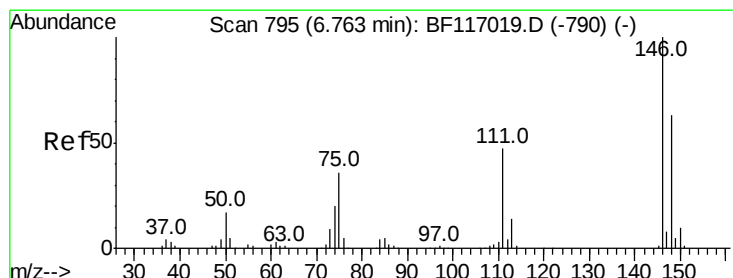
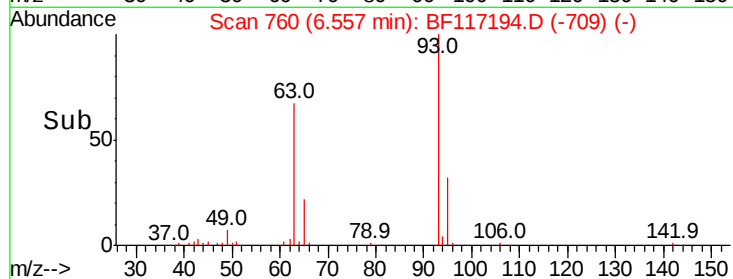
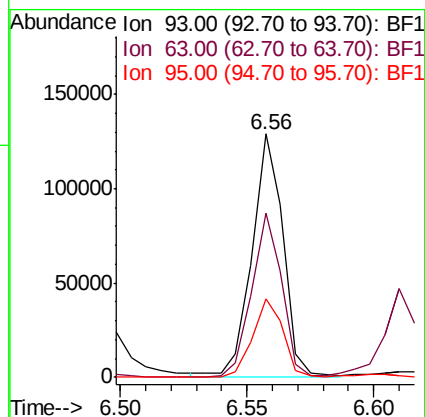
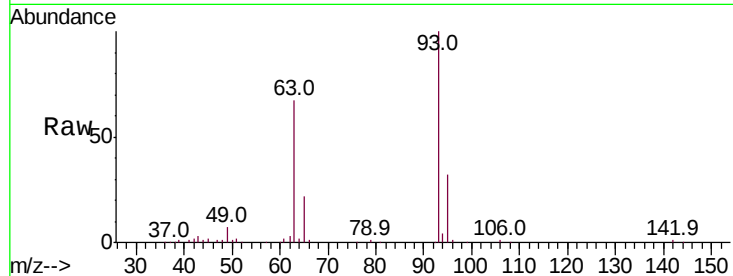




#11
bis(2-Chloroethyl)ether
Concen: 42.661 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

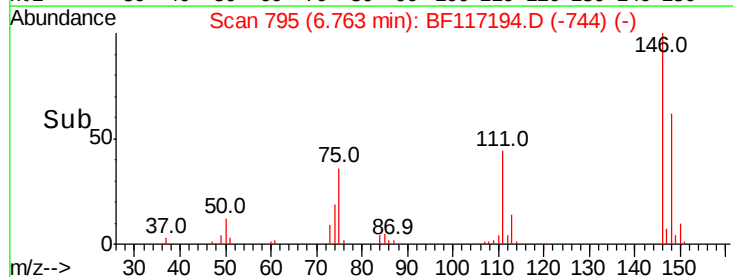
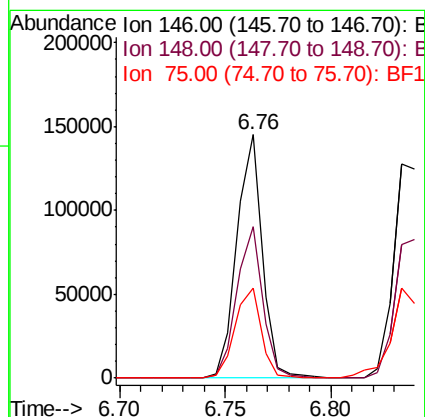
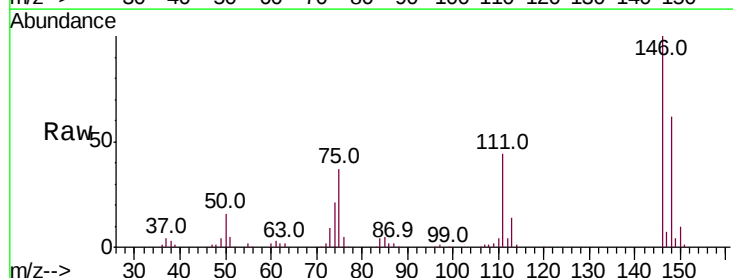
Instrument :
BNA_F
ClientSampleId :

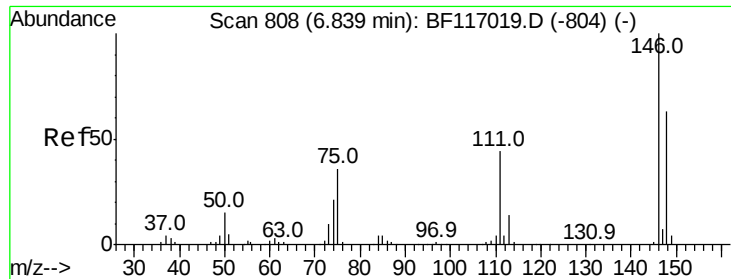
Tot Ion:	93	Resp:	110201
Ion	Ratio	Lower	Upper
93	100		
63	67.4	49.3	89.3
95	32.0	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 40.327 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:	146	Resp:	120433
Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.8	76.2
75	36.8	28.7	43.1

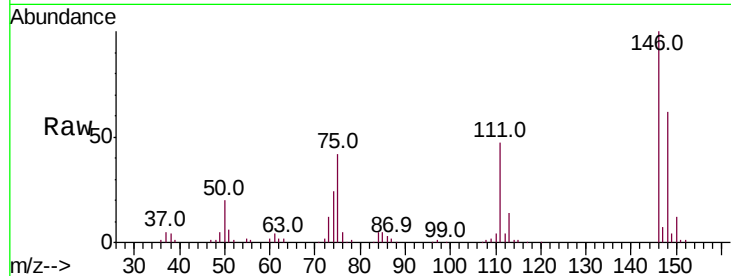




#13
 1,4-Dichlorobenzene
 Concen: 40.647 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.6	76.0
111	46.9	35.0	52.6

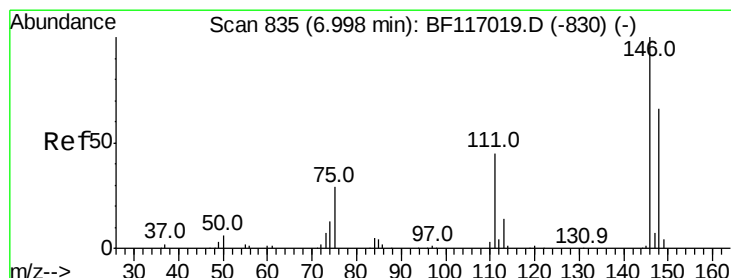
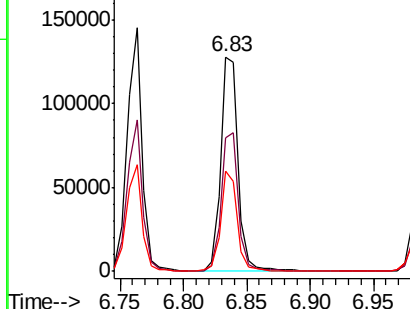
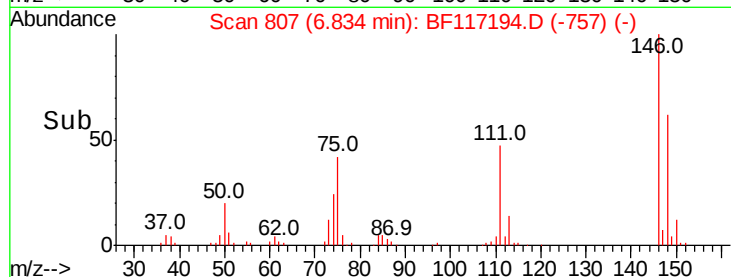


Abundance

Ion 146.00 (145.70 to 146.70): E

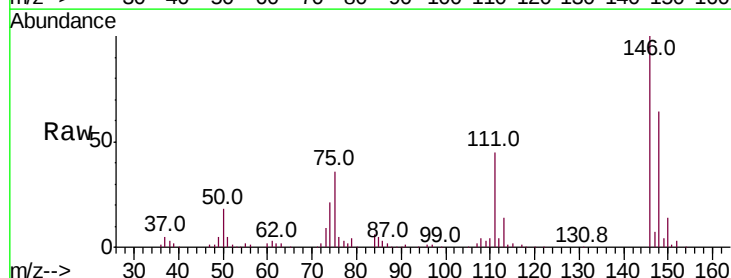
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.488 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.6	78.8
111	44.8	36.2	54.2

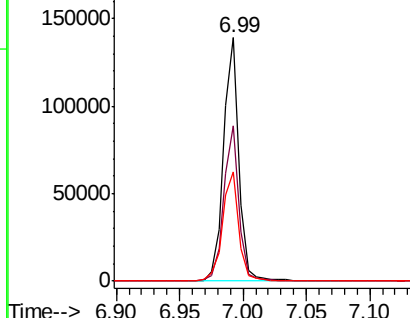
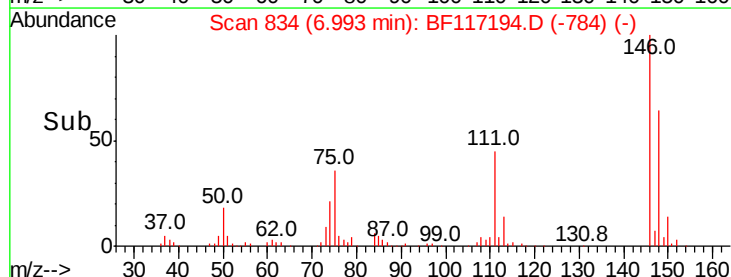


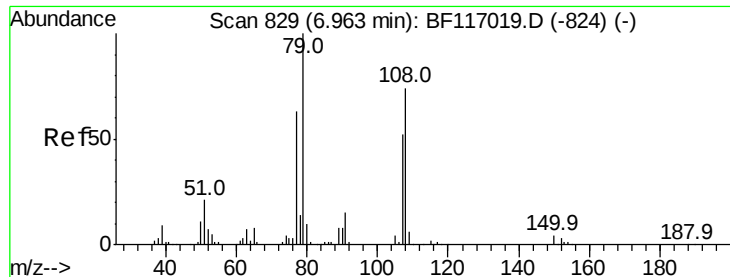
Abundance

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: 45.714 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

ClientSampleId :

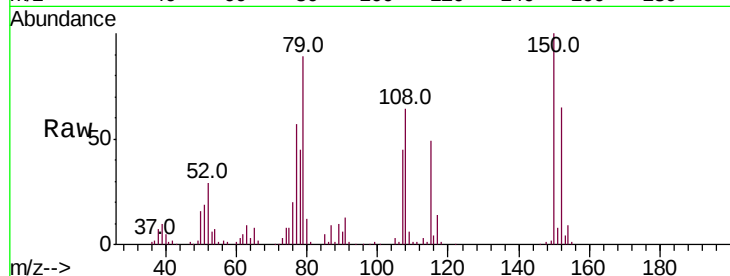
Tot Ion: 79 Resp: 111763

Ion Ratio Lower Upper

79 100

108 71.4 59.4 89.0

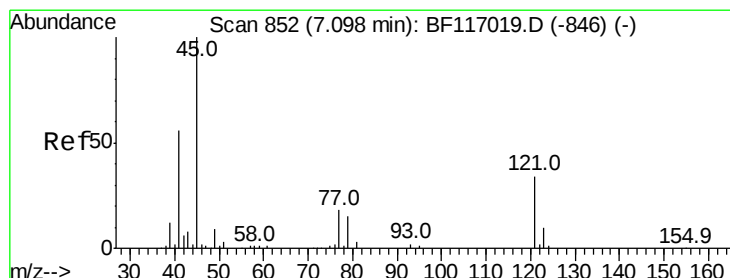
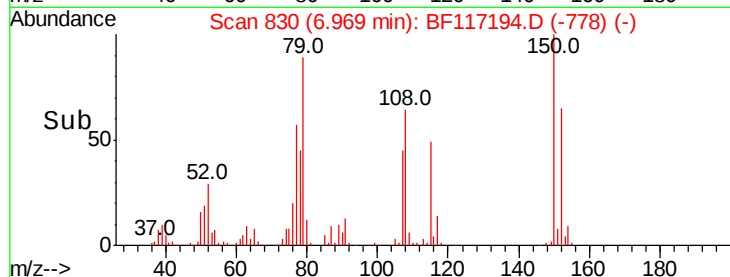
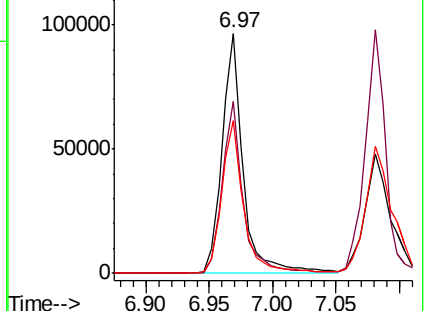
77 63.8 50.2 75.2



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: 38.467 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

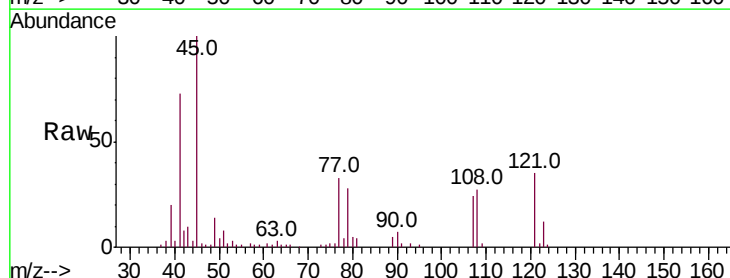
Tgt Ion: 45 Resp: 98173

Ion Ratio Lower Upper

45 100

77 33.4 2.7 42.7

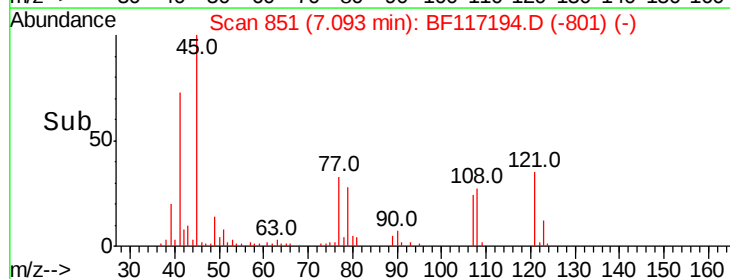
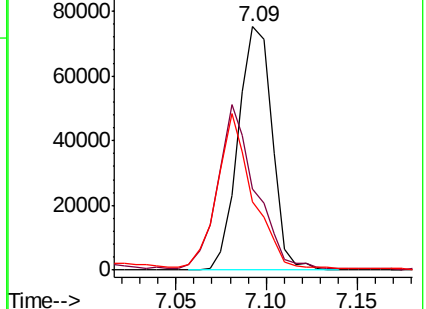
79 28.1 0.0 38.9

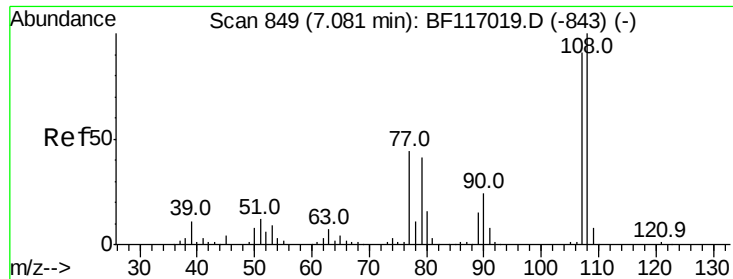


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

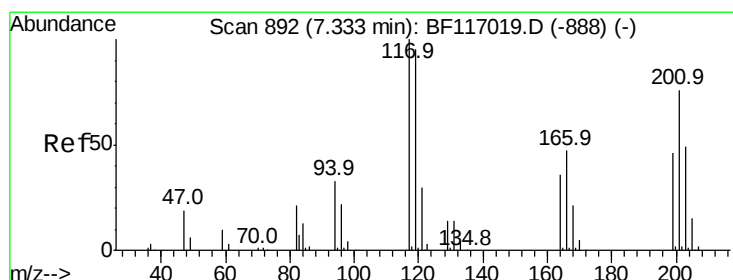
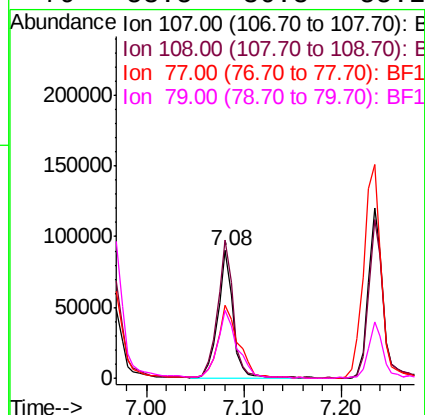
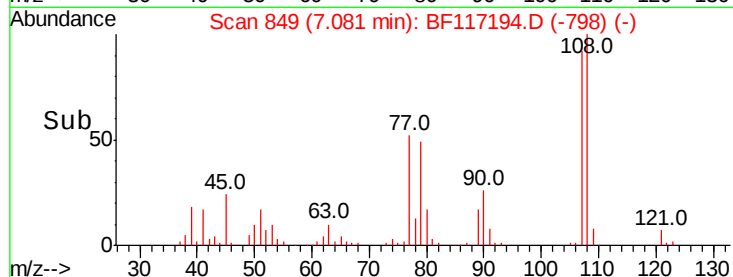
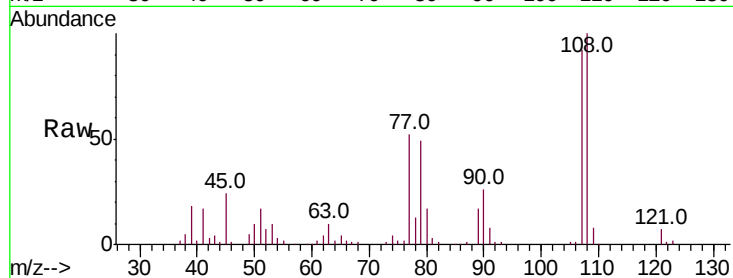




#17
2-Methylphenol
Concen: 44.021 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

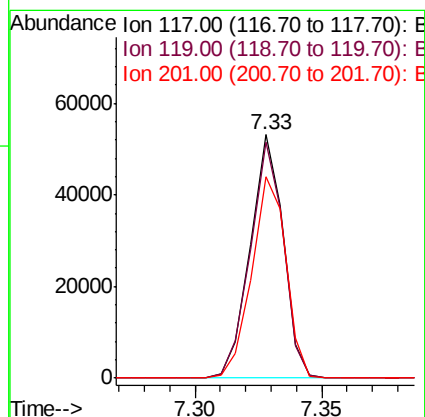
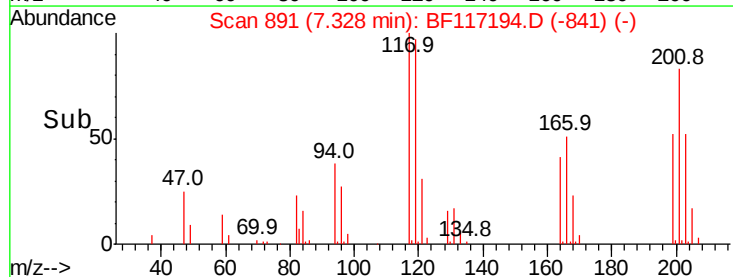
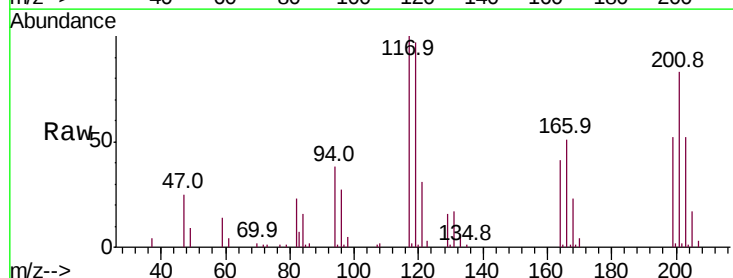
Instrument :
BNA_F
ClientSampled :

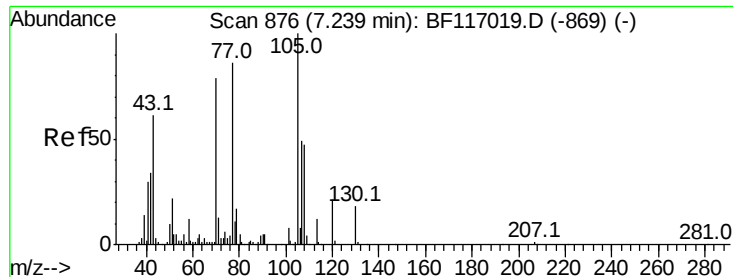
Tot Ion:	107	Resp:	98187
Ion	Ratio	Lower	Upper
107	100		
108	108.7	87.7	131.5
77	56.8	38.6	58.0
79	53.5	36.8	55.2



#18
Hexachloroethane
Concen: 41.415 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:	117	Resp:	48557
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.8	113.8
201	82.5	60.9	91.3

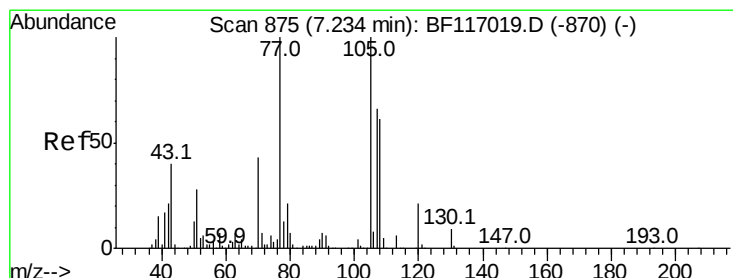
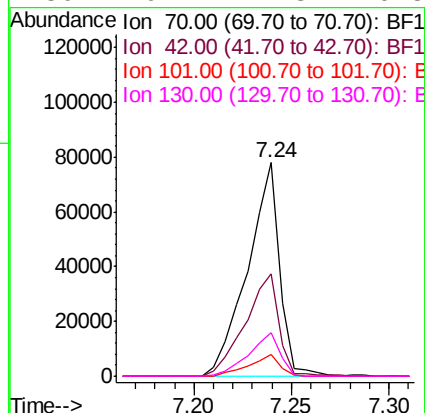
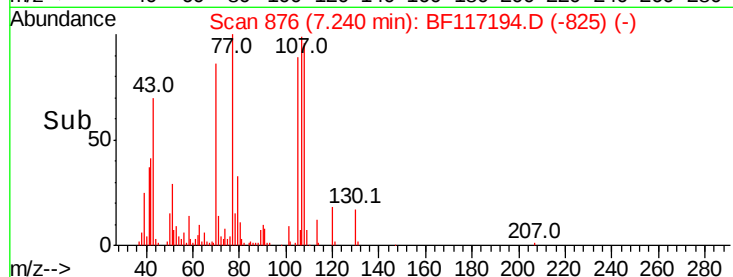
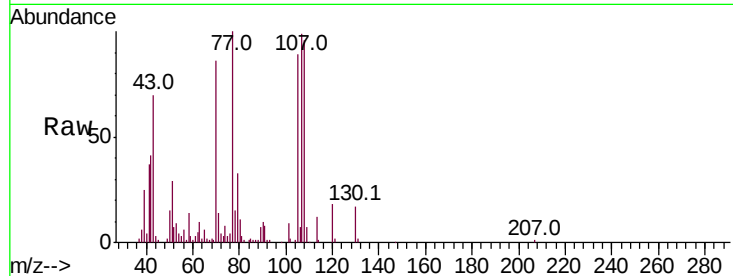




#19
n-Nitroso-di-n-propylamine
Concen: 45.627 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

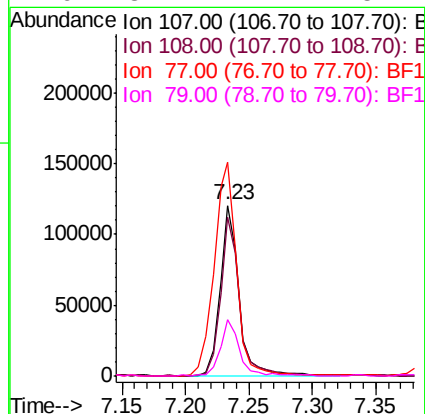
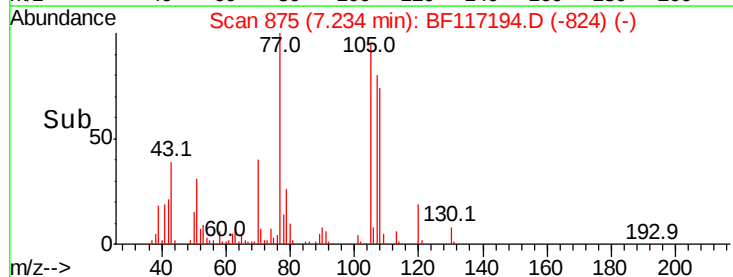
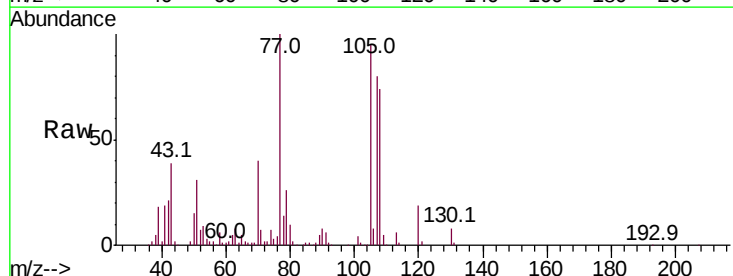
Instrument :
BNA_F
ClientSampled :

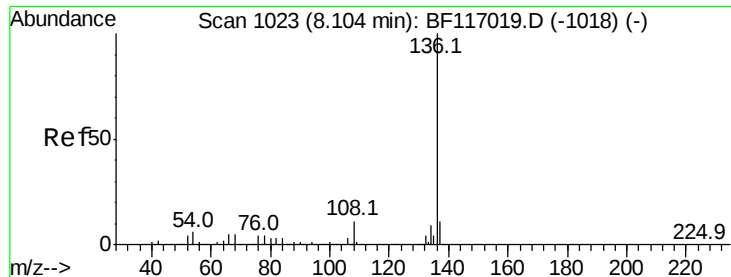
Tot Ion:	70	Resp:	88578
Ion	Ratio	Lower	Upper
70	100		
42	48.3	34.0	51.0
101	10.1	7.8	11.6
130	20.1	17.8	26.8



#20
3+4-Methylphenols
Concen: 45.882 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:	107	Resp:	127471
Ion	Ratio	Lower	Upper
107	100		
108	93.0	72.6	112.6
77	125.3	132.1	172.1#
79	32.7	12.1	52.1

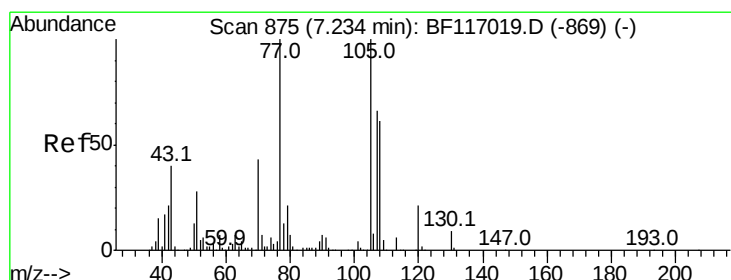
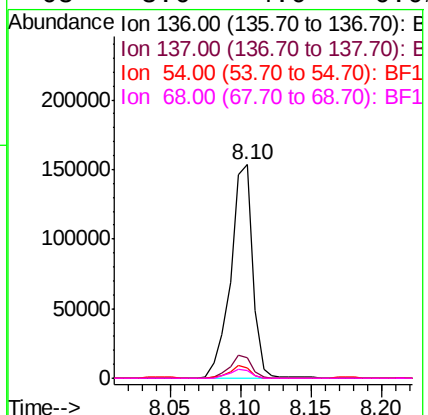
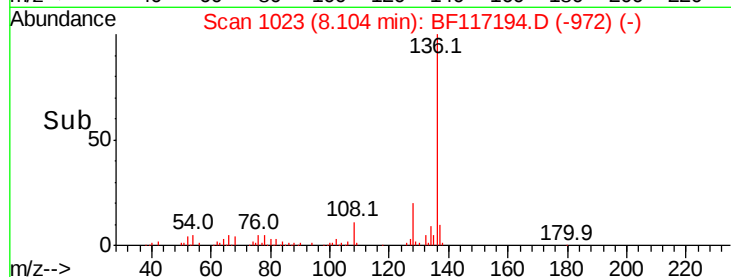
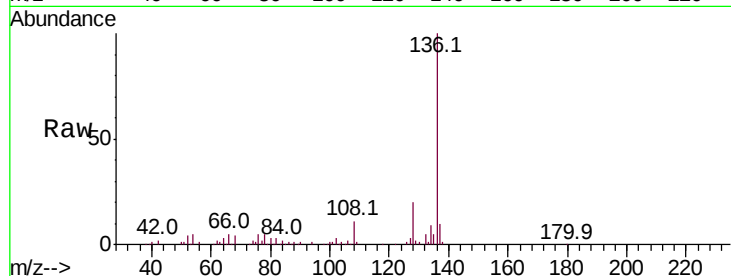




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

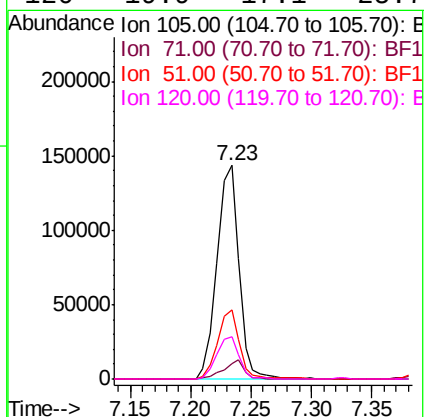
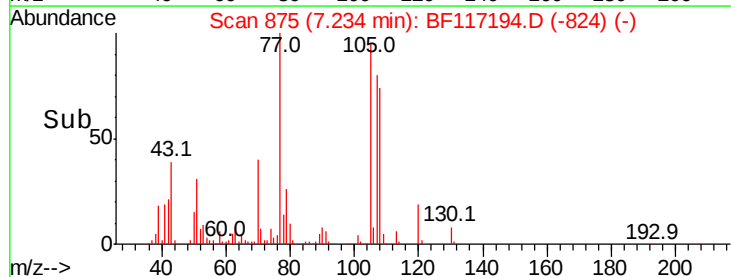
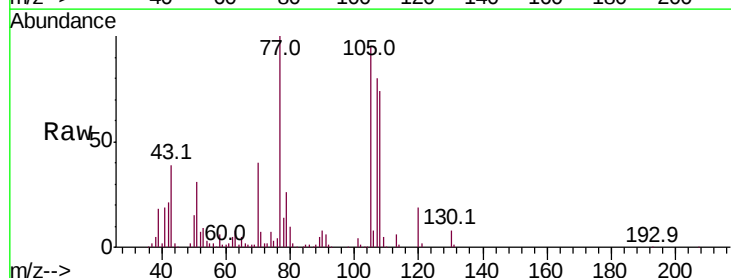
Instrument :
BNA_F
ClientSampleId :

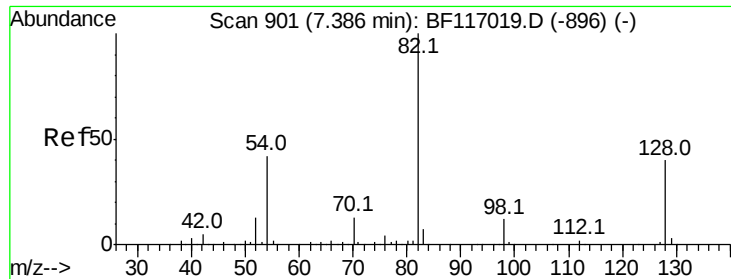
Tot Ion:136	Resp: 167251
Ion Ratio	Lower Upper
136 100	
137 9.9	9.0 13.4
54 4.9	4.5 6.7
68 3.6	4.0 6.0#



#22
Acetophenone
Concen: 42.522 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt	Ion:105	Resp:	180690
Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.7	8.5
51	32.4	22.1	33.1
120	19.9	17.1	25.7

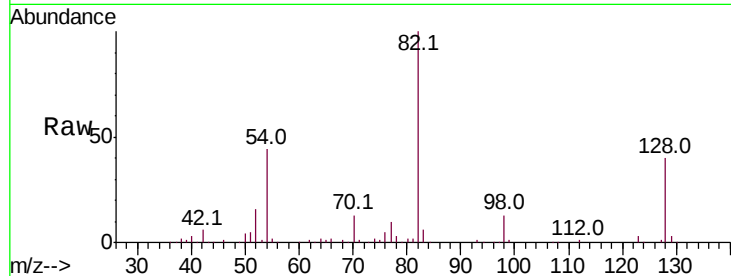




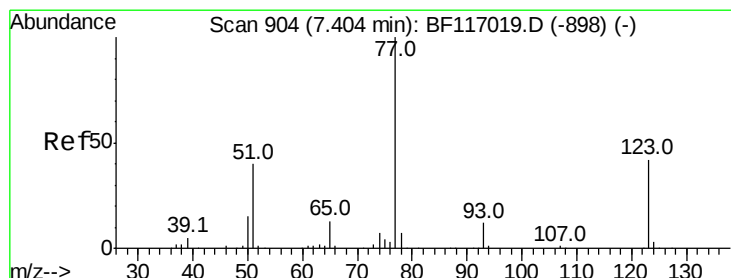
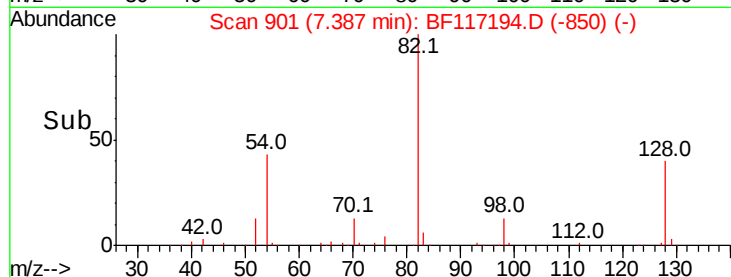
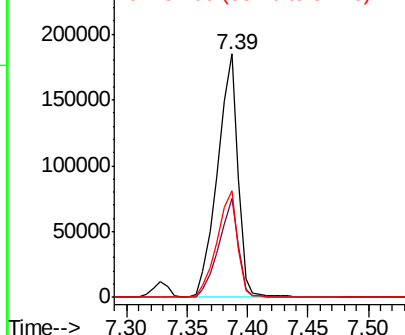
#23
Nitrobenzene-d5
Concen: 68.092 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.3	48.5
54	43.7	33.3	49.9

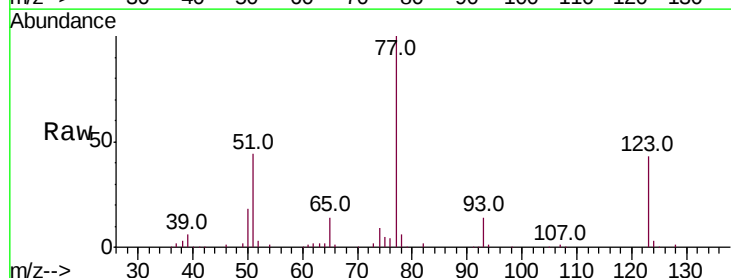


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

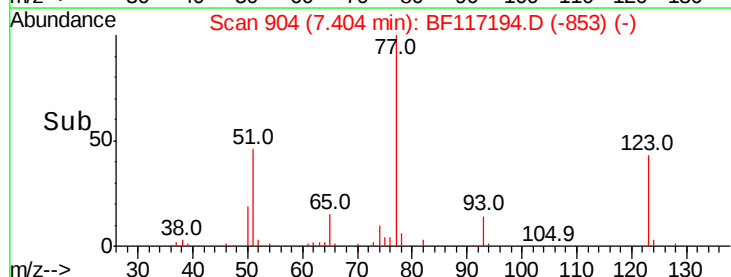
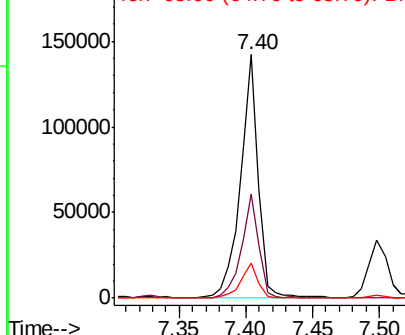


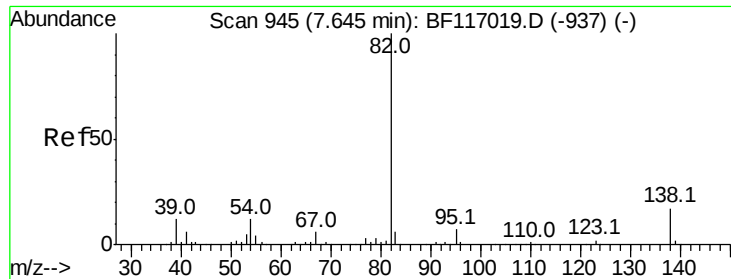
#24
Nitrobenzene
Concen: 41.563 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	33.5	50.3
65	14.5	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: 42.734 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

ClientSampleId :

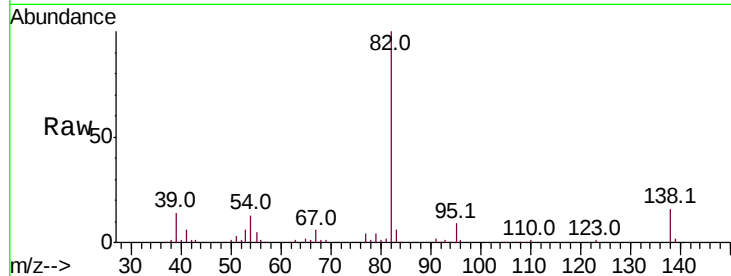
Tot Ion: 82 Resp: 240852

Ion Ratio Lower Upper

82 100

95 8.5 5.8 8.6

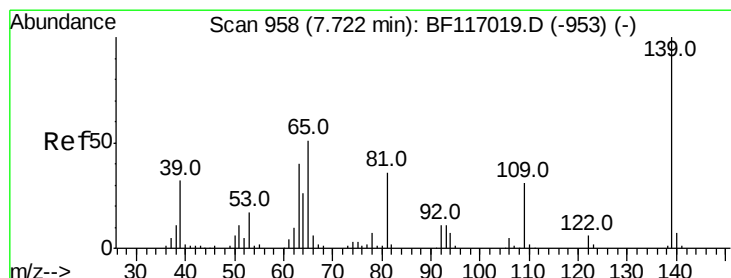
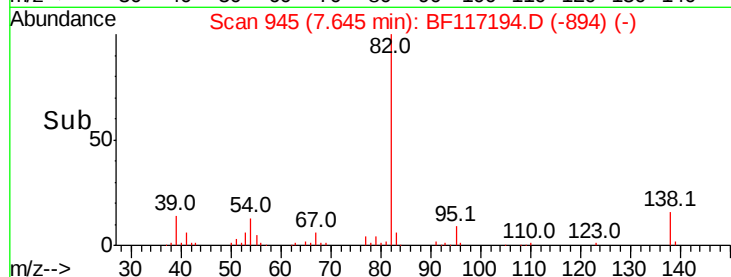
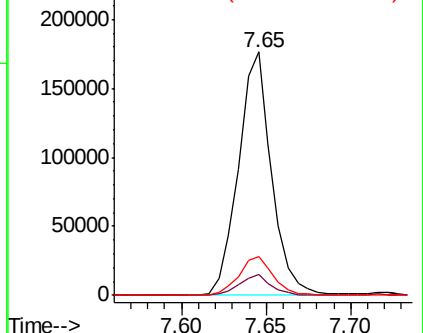
138 15.9 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.439 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

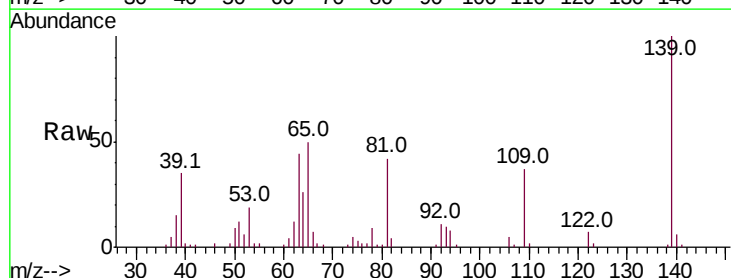
Tgt Ion: 139 Resp: 60004

Ion Ratio Lower Upper

139 100

109 36.5 24.6 36.8

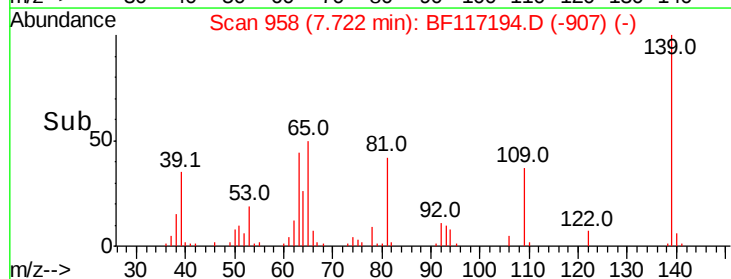
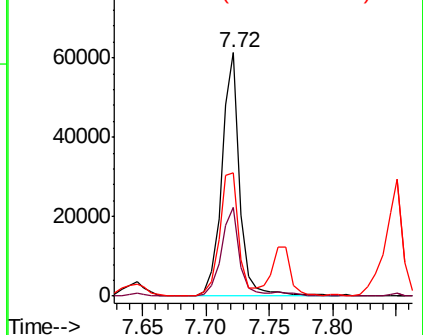
65 50.5 40.9 61.3

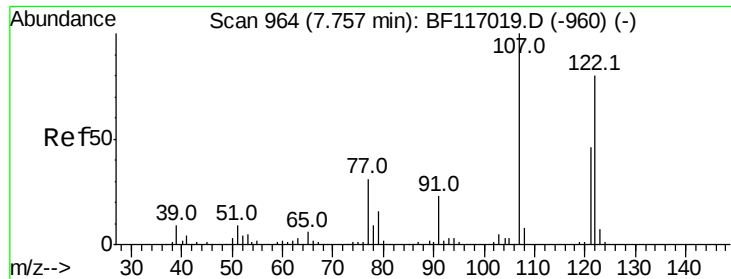


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

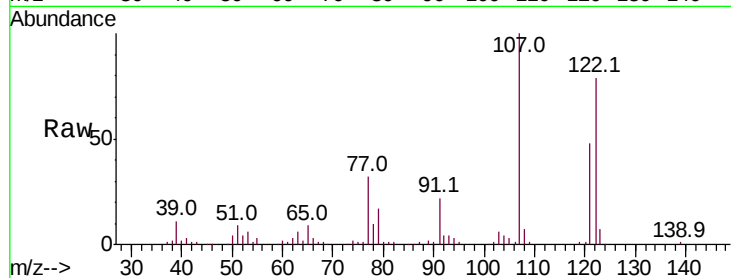




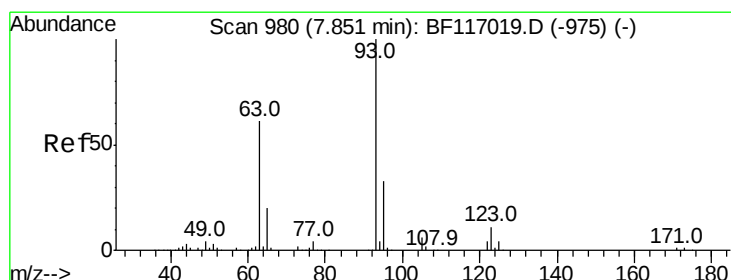
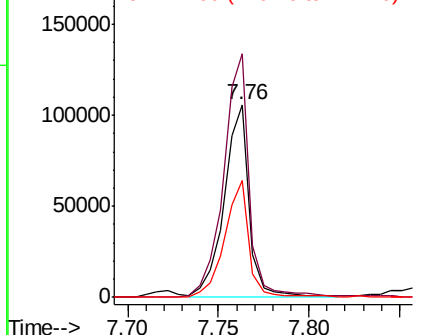
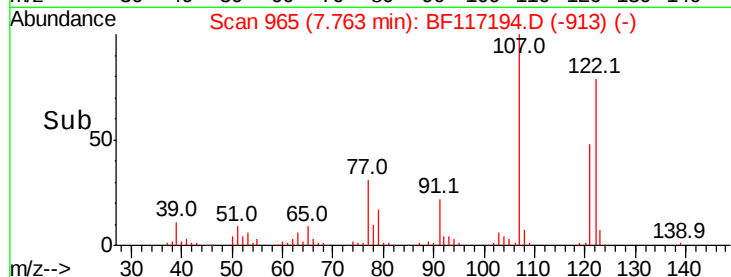
#27
 2,4-Dimethylphenol
 Concen: 47.751 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.2	98.9	148.3
121	60.4	45.3	67.9

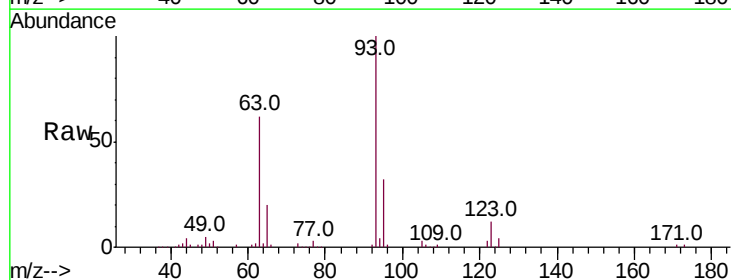


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

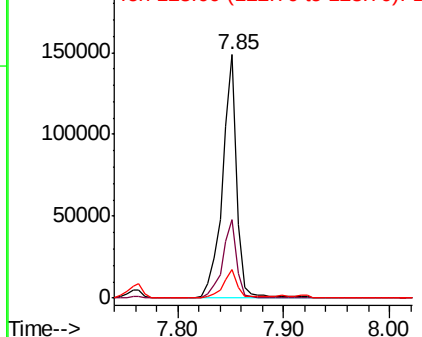
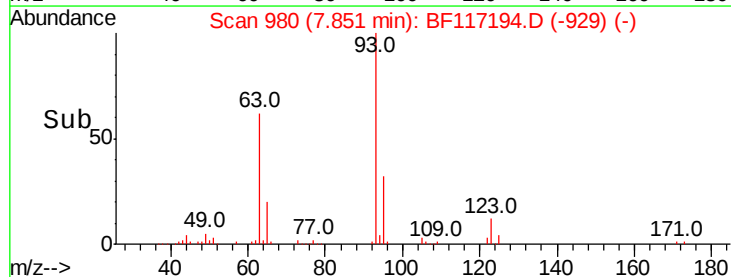


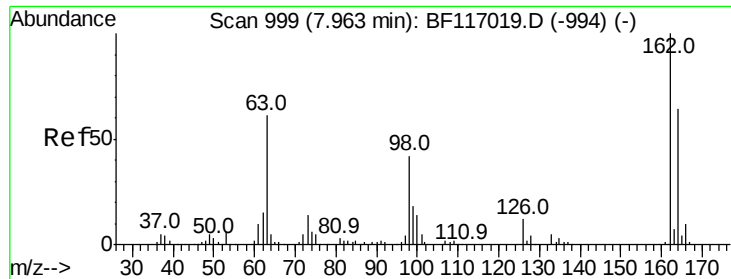
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.758 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	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

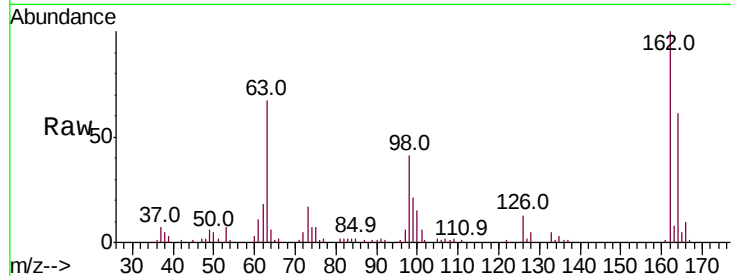




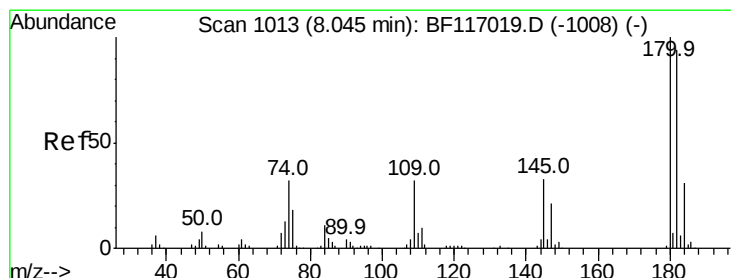
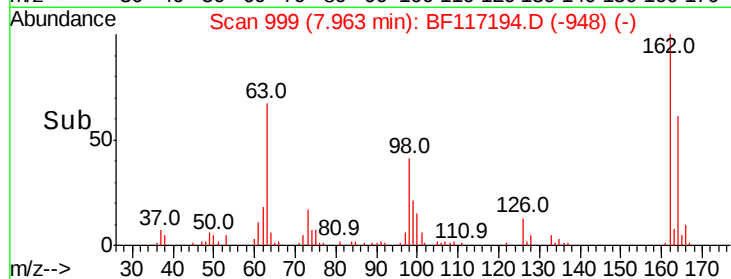
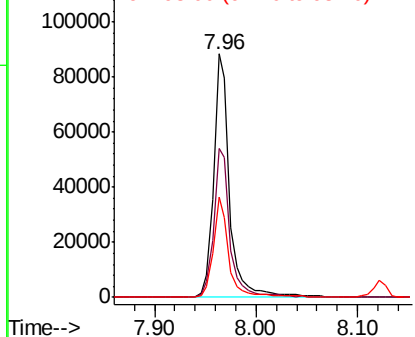
#29
 2,4-Dichlorophenol
 Concen: 43.234 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 96999
 Ion Ratio Lower Upper
 162 100
 164 61.3 43.8 83.8
 98 41.4 22.1 62.1

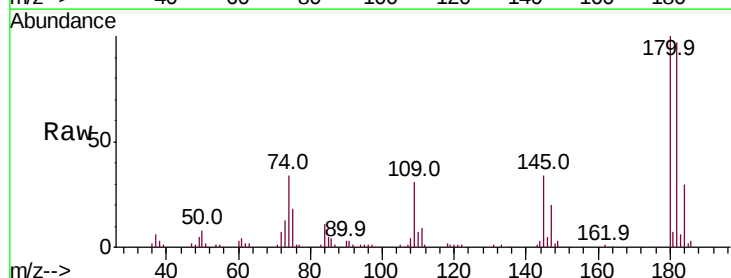


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

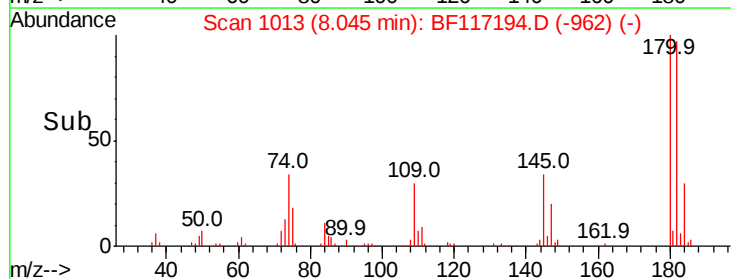
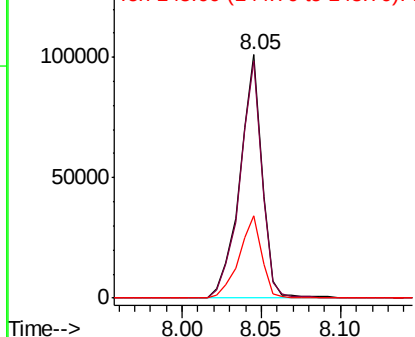


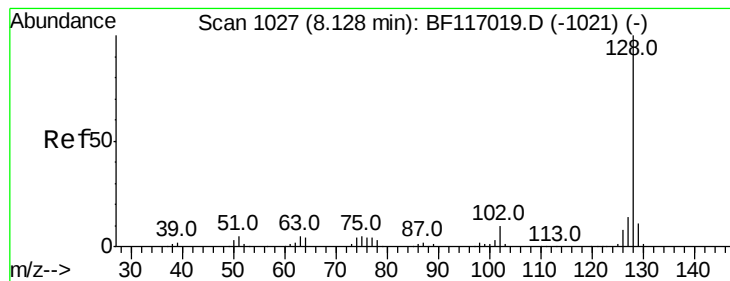
#30
 1,2,4-Trichlorobenzene
 Concen: 40.357 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion:180 Resp: 97821
 Ion Ratio Lower Upper
 180 100
 182 97.2 75.4 113.0
 145 34.0 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: 42.564 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

ClientSampleId :

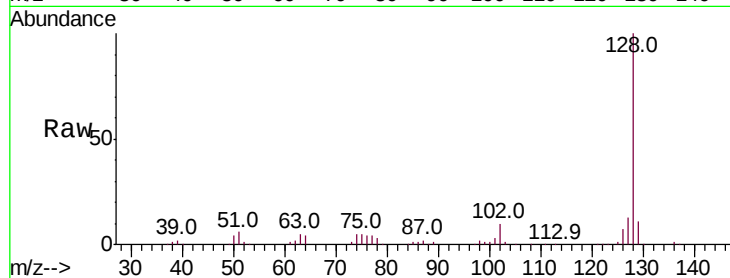
Tot Ion:128 Resp: 342371

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.4

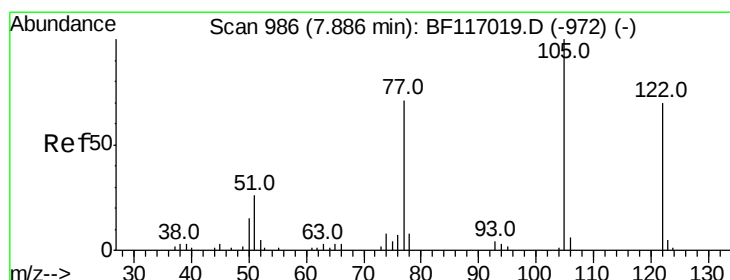
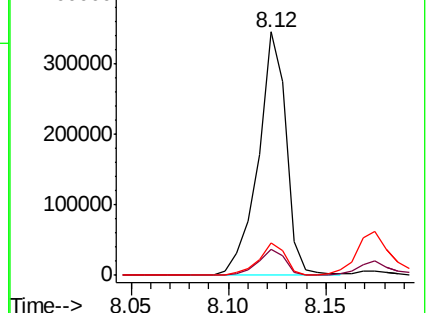
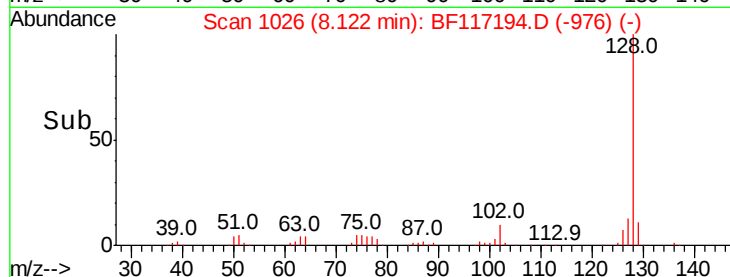
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.636 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.04 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

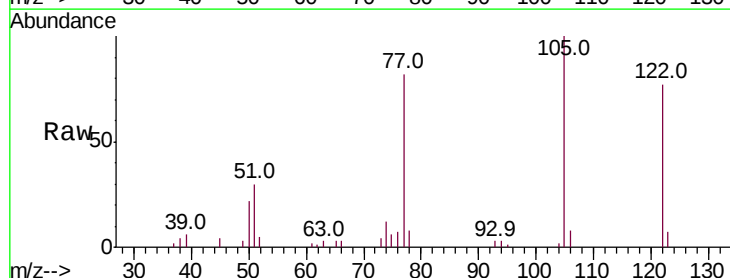
Tgt Ion:122 Resp: 54433

Ion Ratio Lower Upper

122 100

105 130.2 114.8 154.8

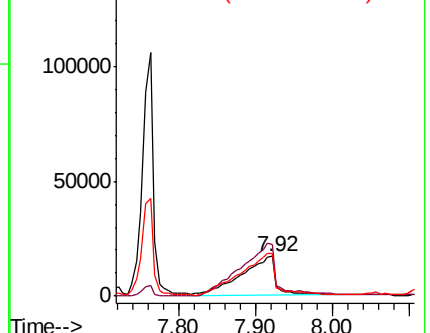
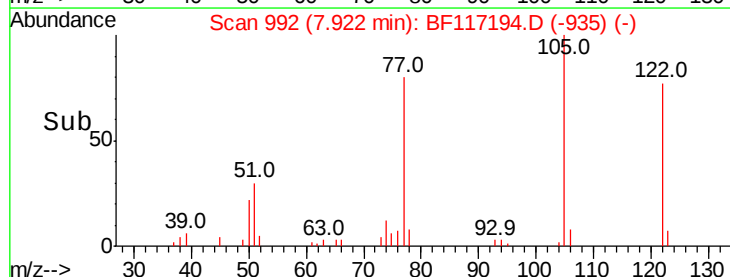
77 107.2 78.7 118.7

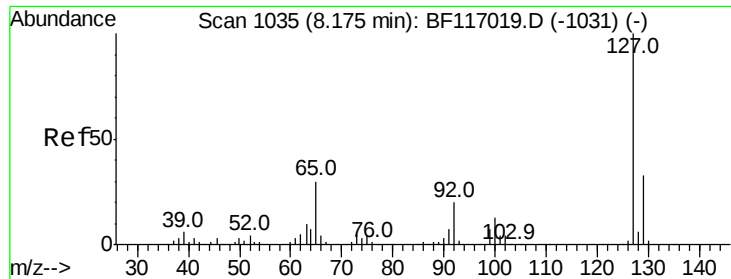


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

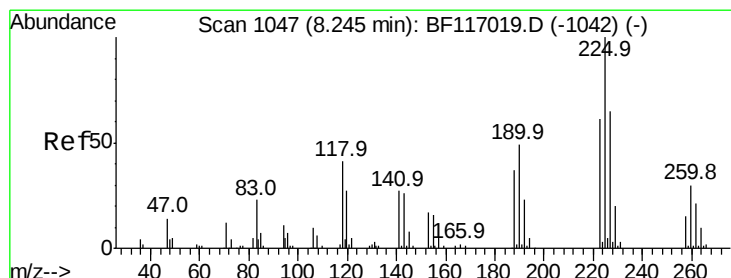
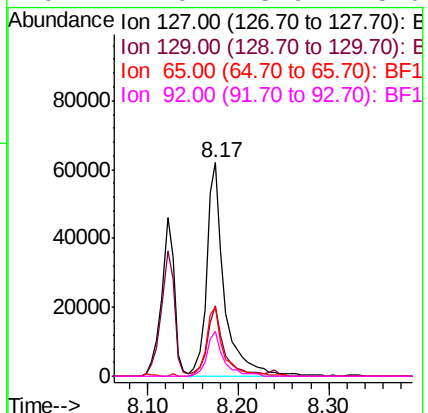
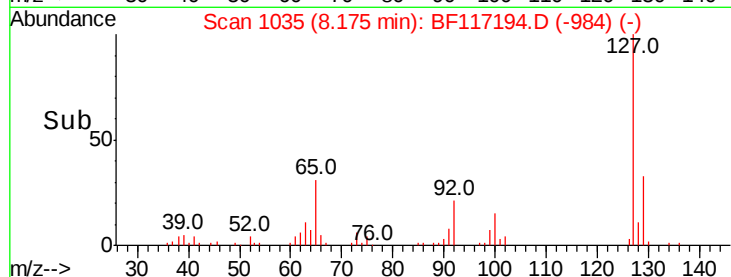
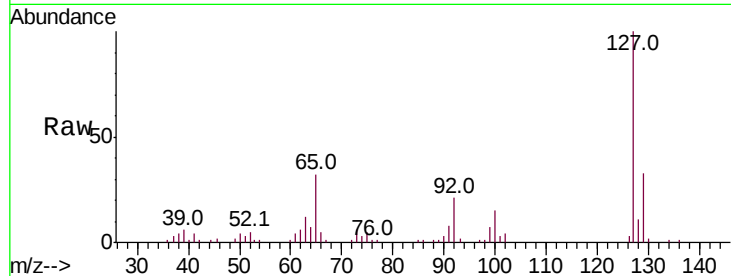




#33
4-Chloroaniline
Concen: 23.908 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

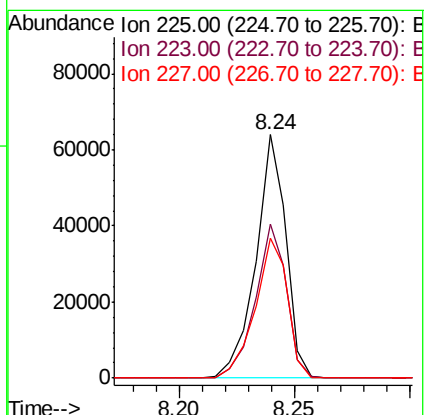
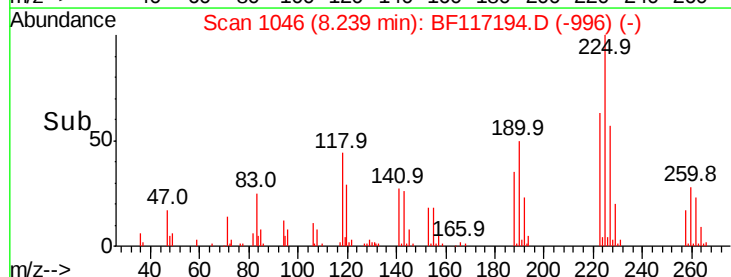
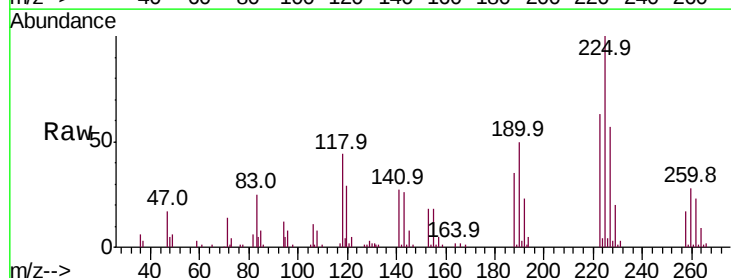
Instrument :
BNA_F
ClientSampleId :

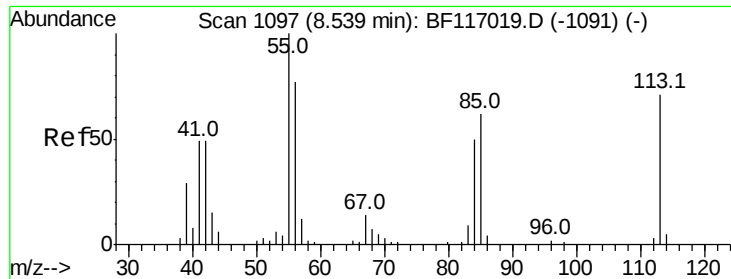
Tot Ion:127	Resp:	85294
Ion	Ratio	Lower Upper
127	100	
129	33.2	26.2 39.2
65	32.3	23.5 35.3
92	21.0	15.9 23.9



#34
Hexachlorobutadiene
Concen: 42.365 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:225	Resp:	58261
Ion	Ratio	Lower Upper
225	100	
223	63.4	49.1 73.7
227	57.5	52.2 78.2

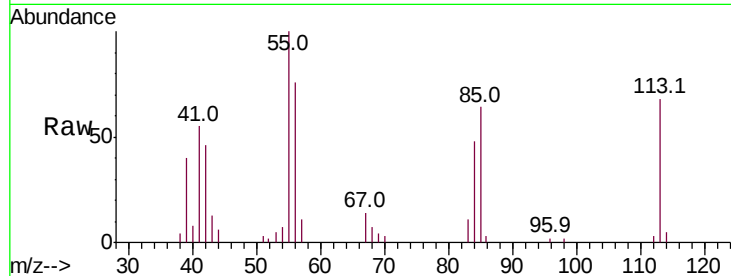




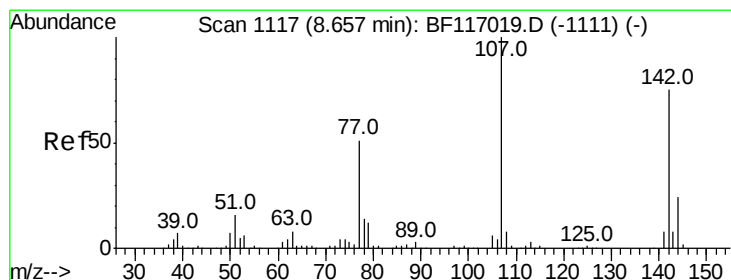
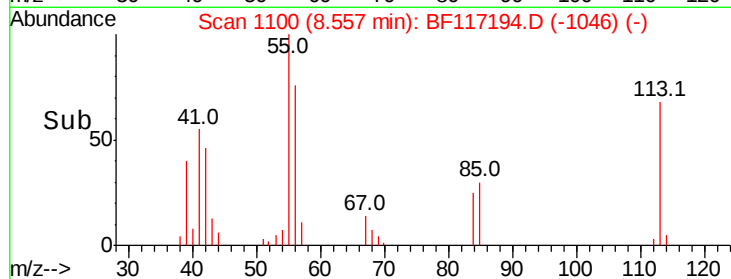
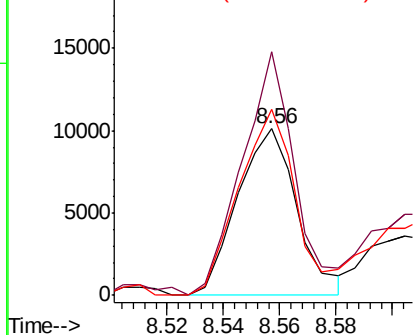
#35
 Caprolactam
 Concen: 19.431 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.02 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 14756
 Ion Ratio Lower Upper
 113 100
 55 146.0 120.6 160.6
 56 111.7 88.8 128.8

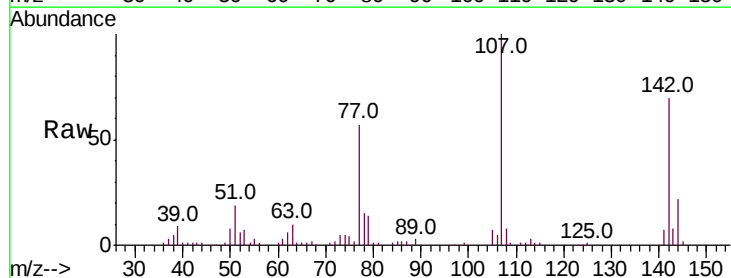


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

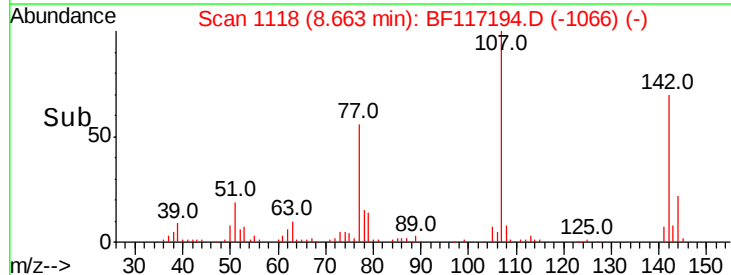
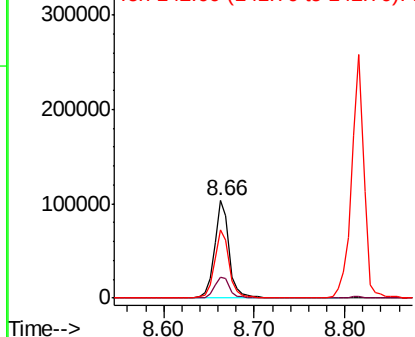


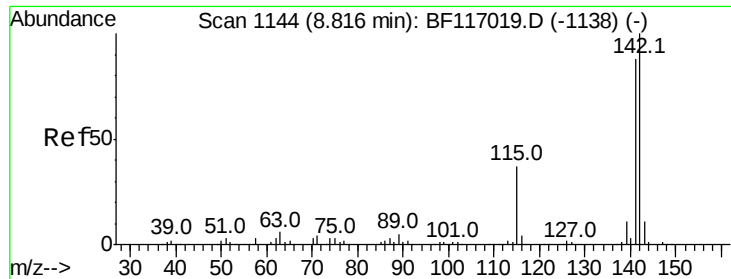
#36
 4-Chloro-3-methylphenol
 Concen: 44.294 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion:107 Resp: 115875
 Ion Ratio Lower Upper
 107 100
 144 22.2 19.2 28.8
 142 70.2 59.6 89.4



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

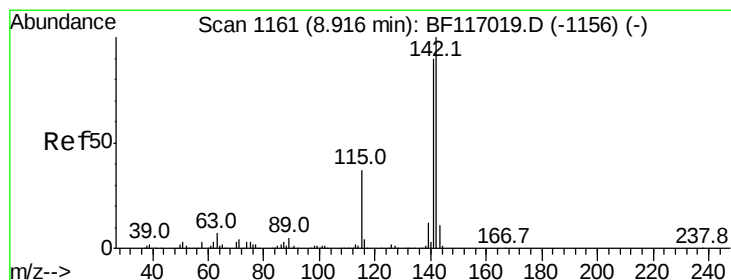
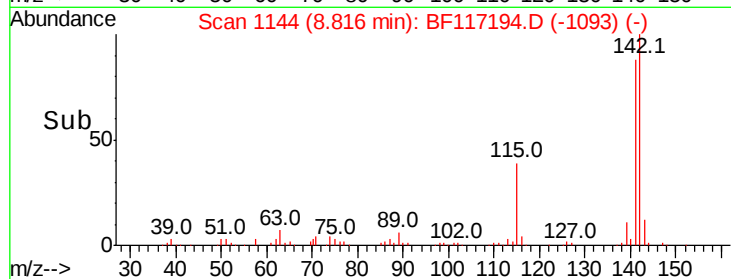
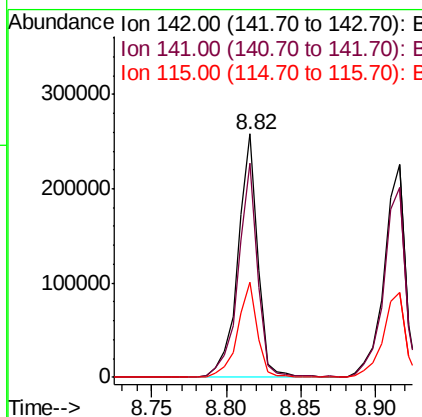
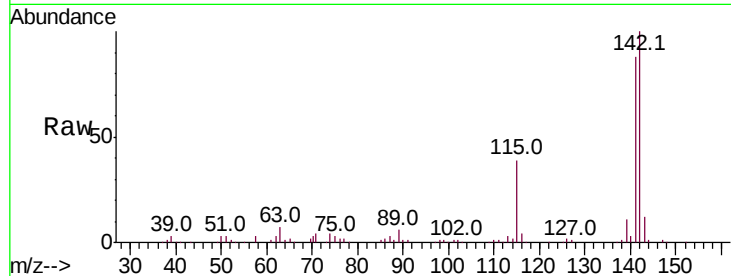




#37
2-Methylnaphthalene
Concen: 44.329 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

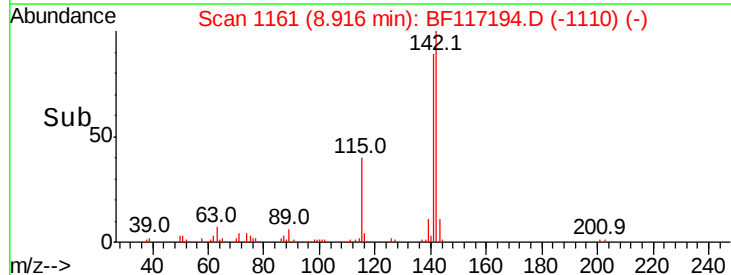
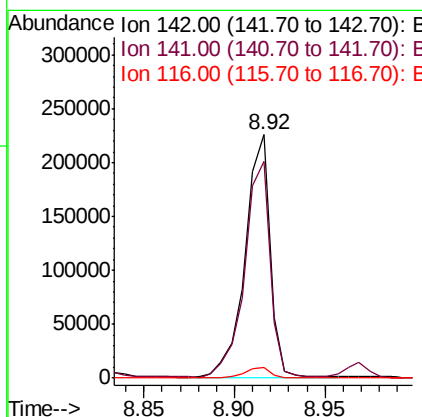
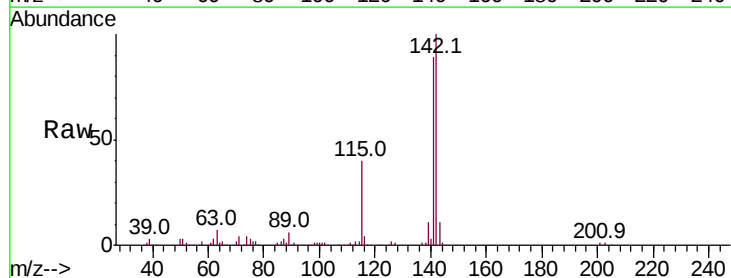
Instrument :
BNA_F
ClientSampleId :

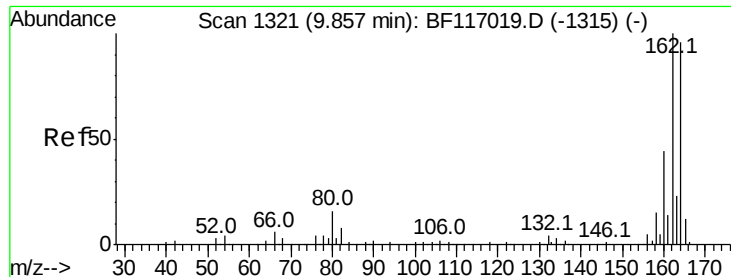
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.7	106.1
115	39.1	29.4	44.0



#38
1-Methylnaphthalene
Concen: 42.719 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
116	4.1	3.2	4.8

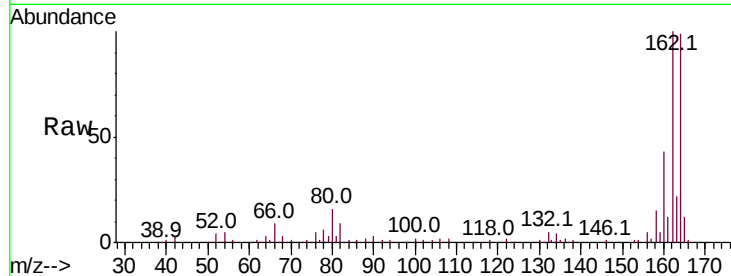




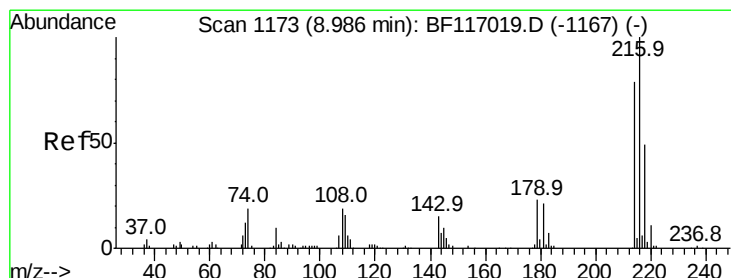
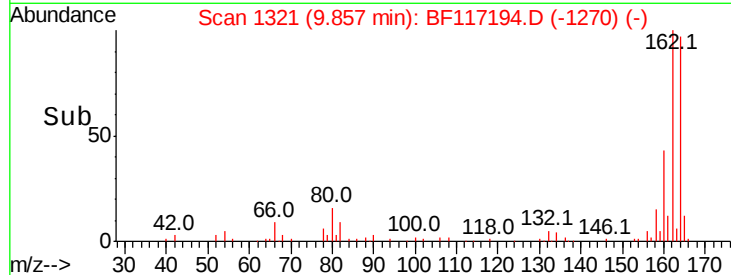
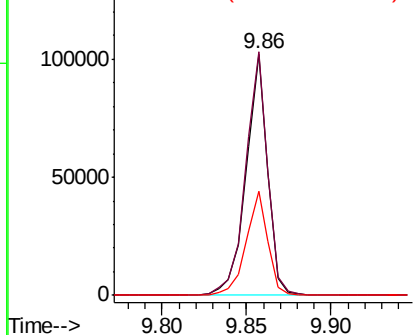
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 91674
Ion Ratio Lower Upper
164 100
162 100.8 83.4 125.2
160 43.2 36.4 54.6

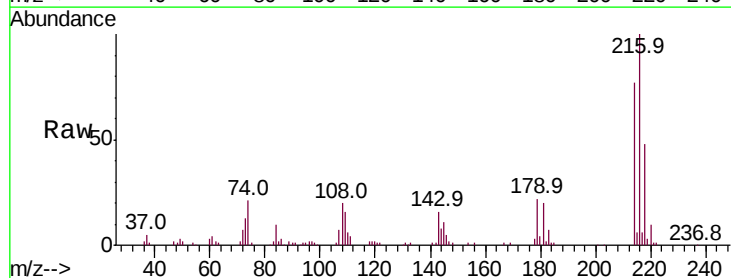


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

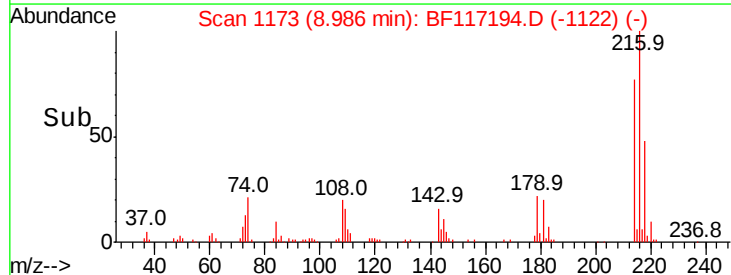
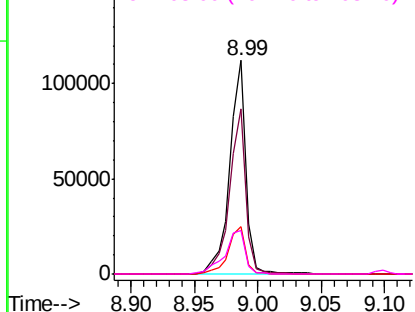


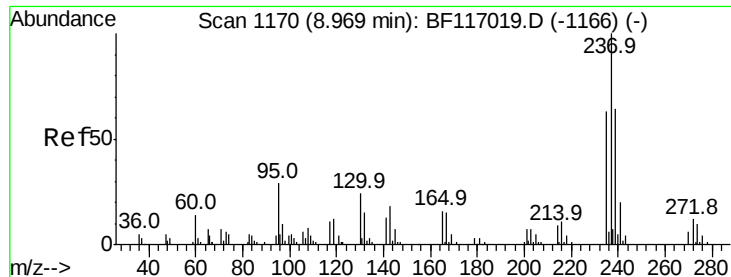
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.541 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:216 Resp: 98339
Ion Ratio Lower Upper
216 100
214 77.0 63.6 95.4
179 23.3 18.3 27.5
108 26.0 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: 76.487 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

ClientSampleId :

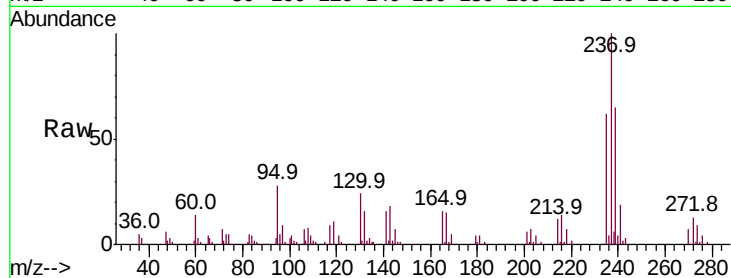
Tot Ion:237 Resp: 79636

Ion Ratio Lower Upper

237 100

235 62.5 43.2 83.2

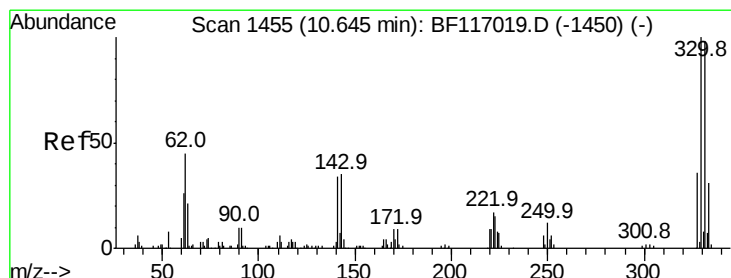
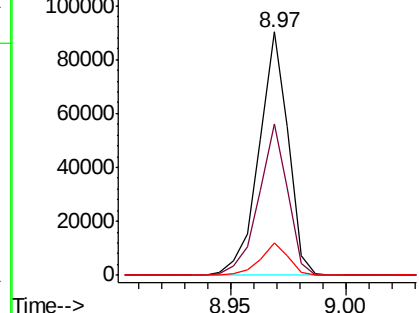
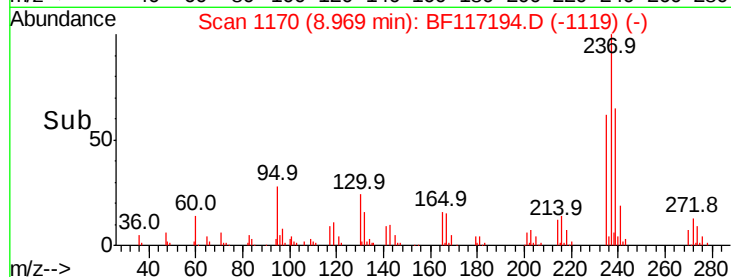
272 13.1 0.0 31.9



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: 124.714 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

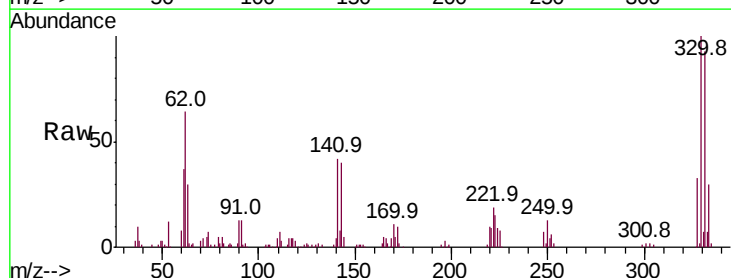
Tgt Ion:330 Resp: 95554

Ion Ratio Lower Upper

330 100

332 93.6 78.0 117.0

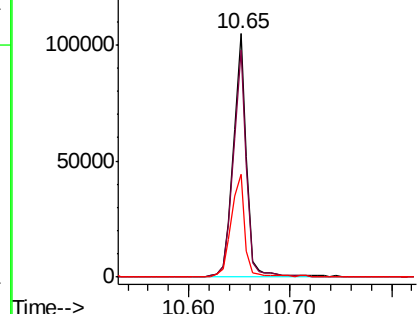
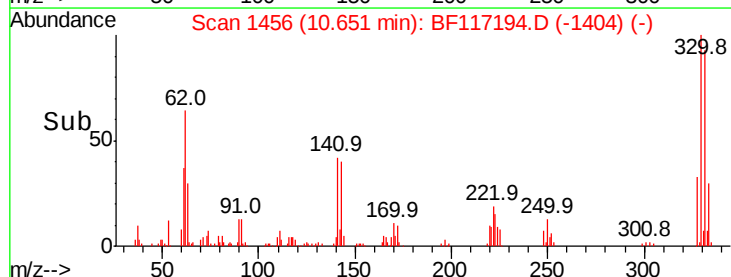
141 43.9 35.8 53.6

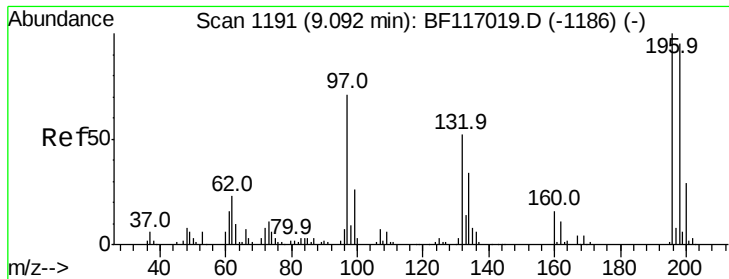


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

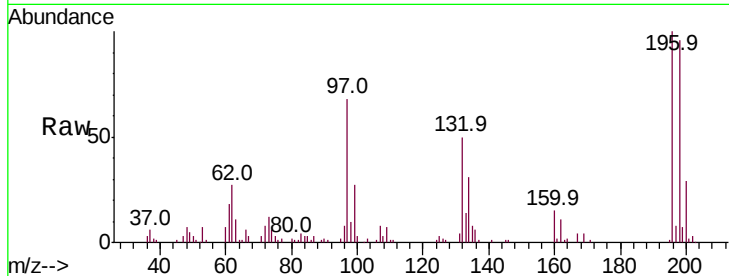




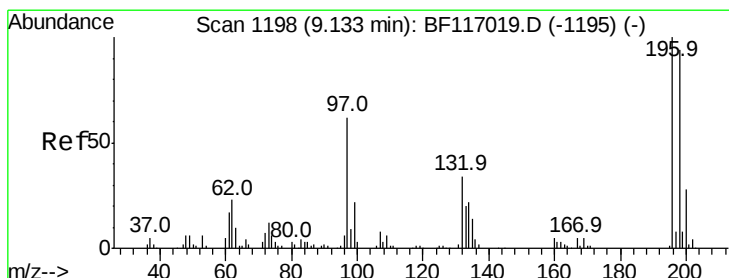
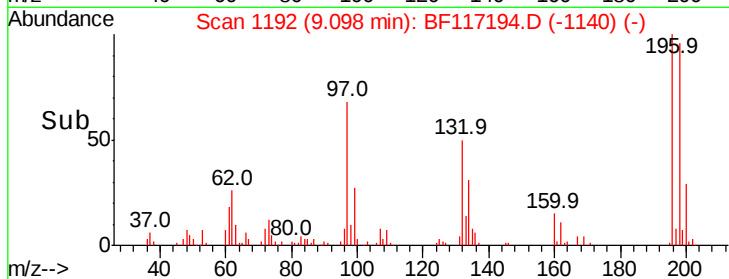
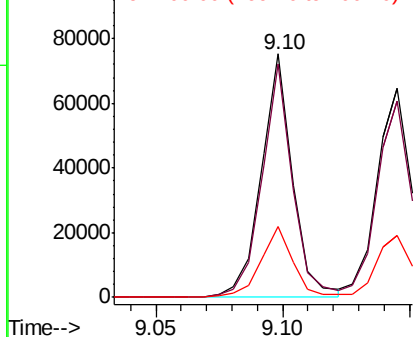
#43
 2,4,6-Trichlorophenol
 Concen: 40.397 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 64897
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 200 29.2 23.3 34.9



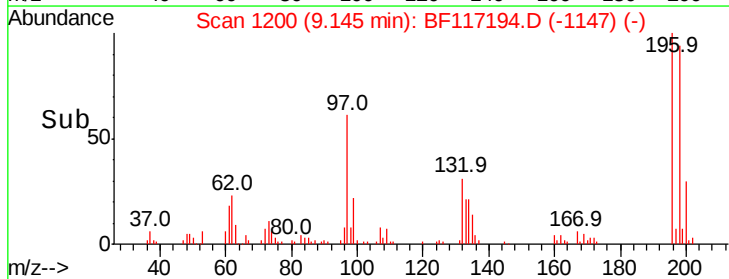
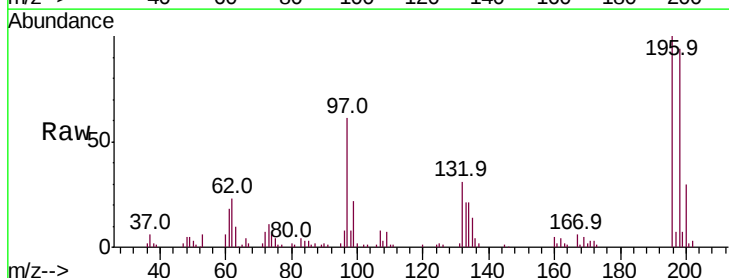
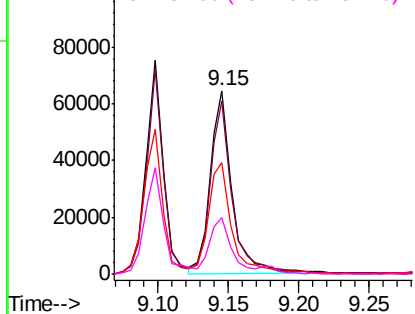
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

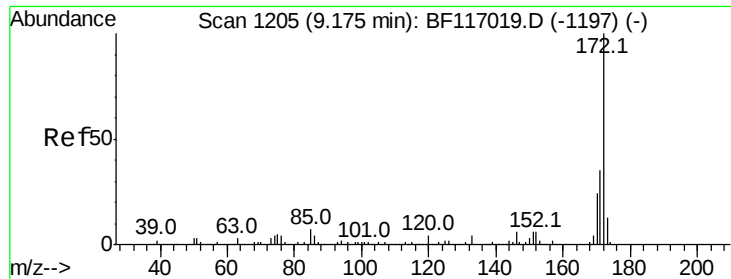


#44
 2,4,5-Trichlorophenol
 Concen: 40.303 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion:196 Resp: 69176
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.6 112.0
 97 61.0 49.5 74.3
 132 30.6 27.4 41.2

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

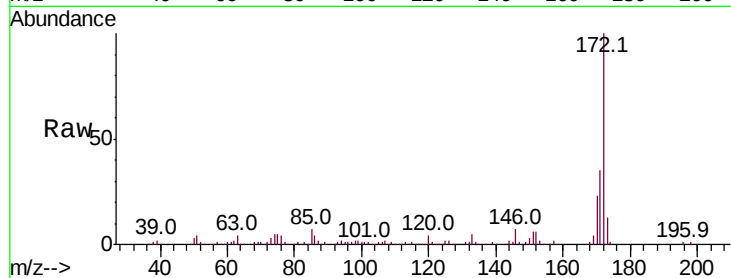




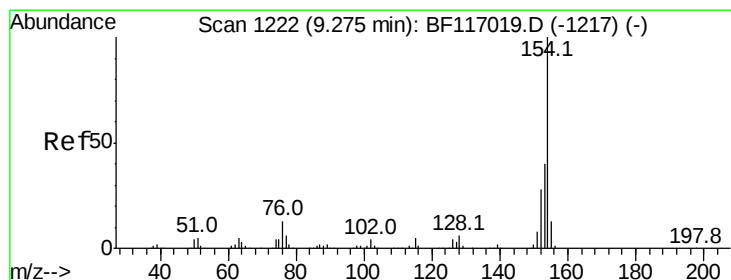
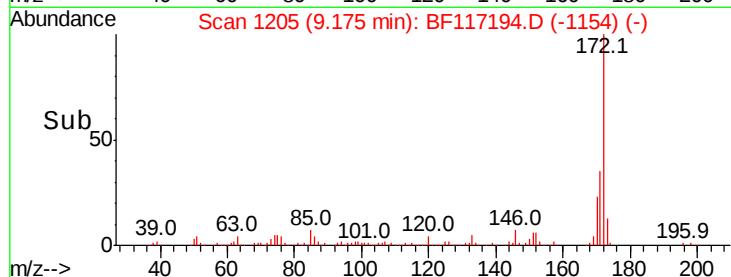
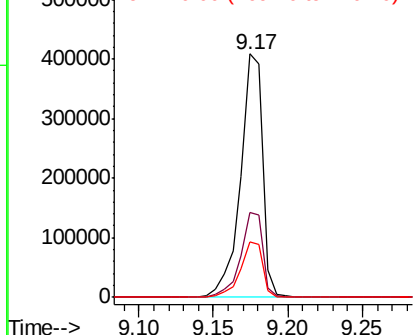
#45
2-Fluorobiphenyl
Concen: 71.908 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 421604
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 22.9 18.9 28.3

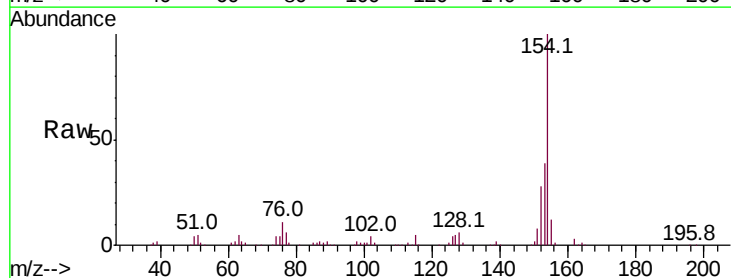


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

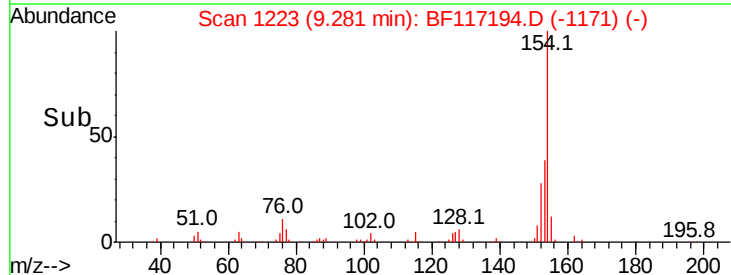
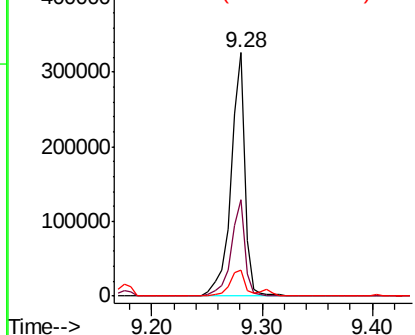


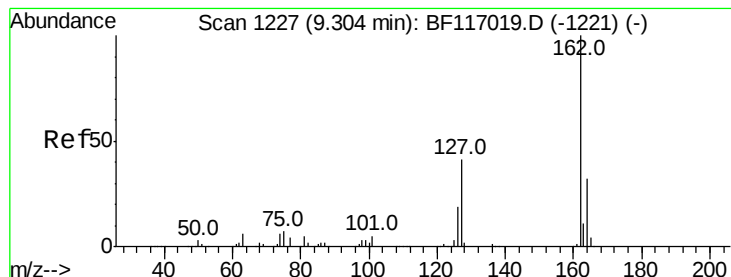
#46
1,1'-Biphenyl
Concen: 40.171 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:154 Resp: 288864
Ion Ratio Lower Upper
154 100
153 39.4 20.0 60.0
76 10.8 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 39.511 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

ClientSampleId :

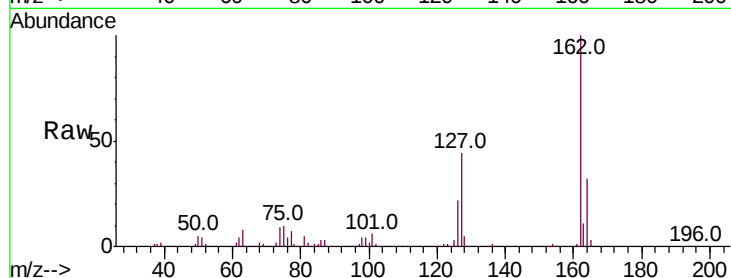
Tot Ion:162 Resp: 224231

Ion Ratio Lower Upper

162 100

127 43.6 34.1 51.1

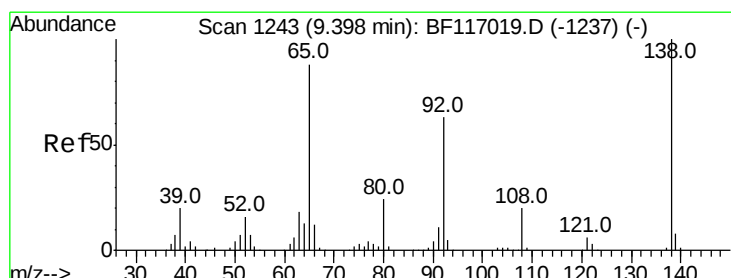
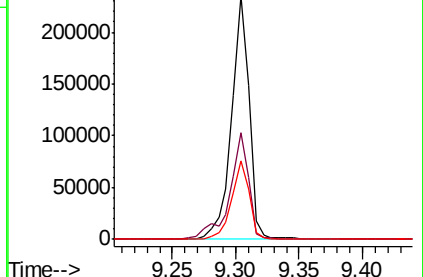
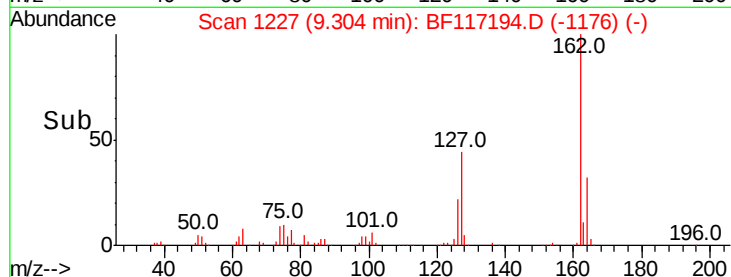
164 32.2 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 37.587 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

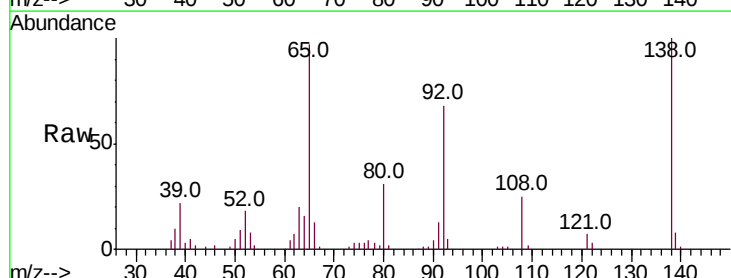
Tgt Ion: 65 Resp: 68420

Ion Ratio Lower Upper

65 100

92 70.0 57.5 86.3

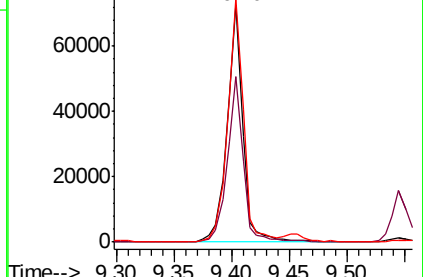
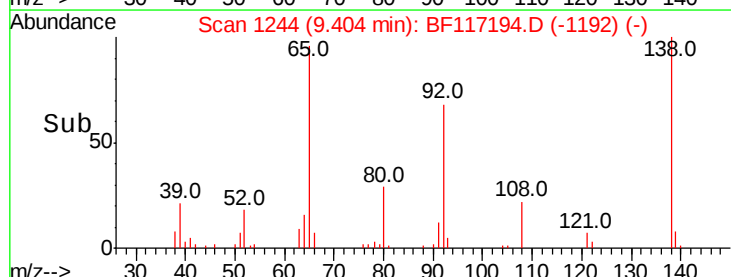
138 102.7 90.6 136.0

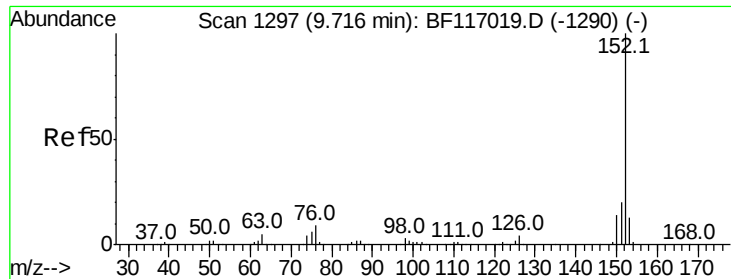


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.860 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

ClientSampleId :

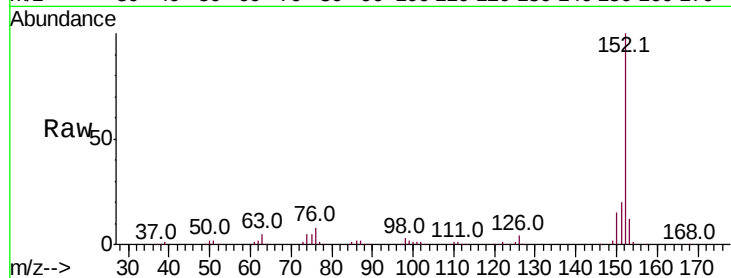
Tot Ion:152 Resp: 347378

Ion Ratio Lower Upper

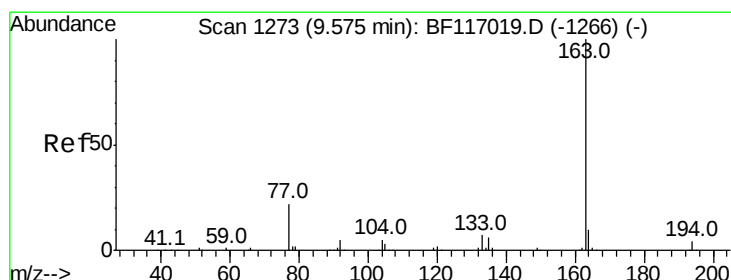
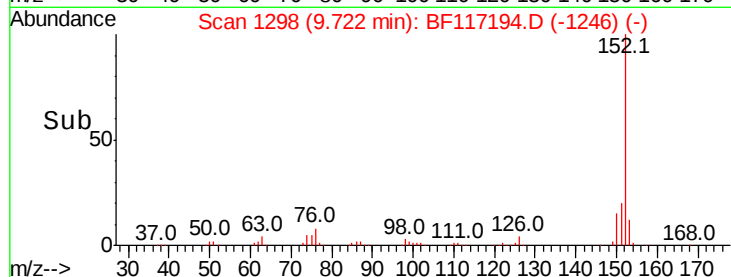
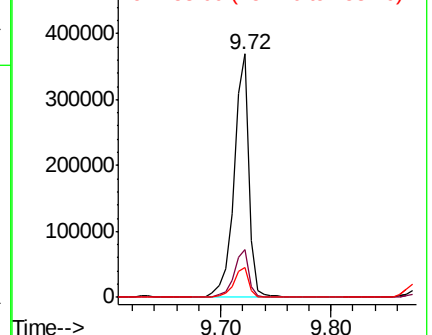
152 100

151 19.7 16.2 24.2

153 12.3 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: 40.998 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

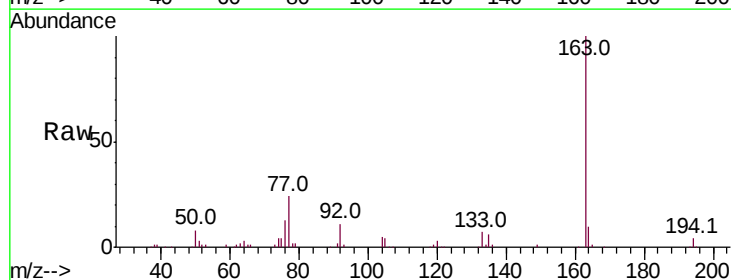
Tgt Ion:163 Resp: 266117

Ion Ratio Lower Upper

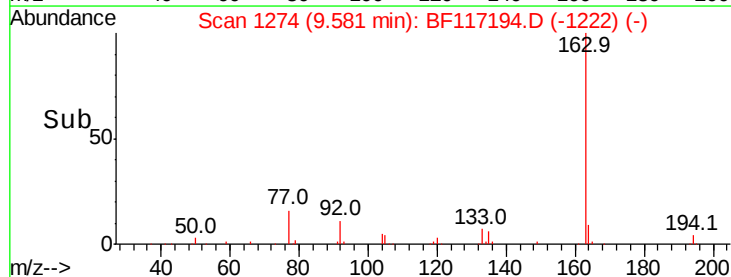
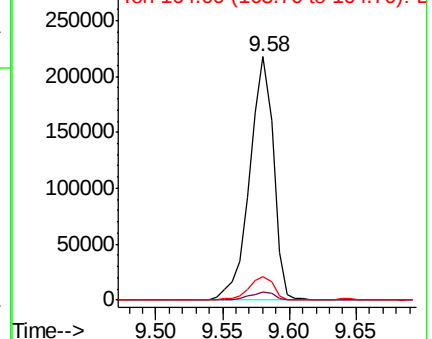
163 100

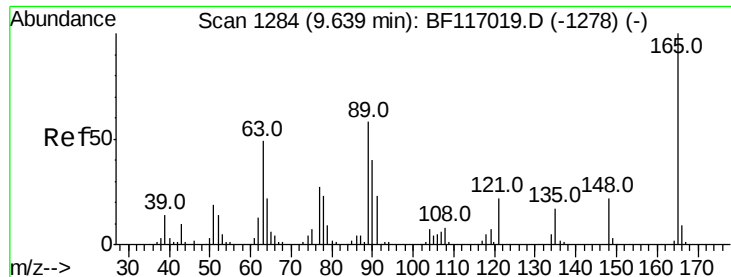
194 3.5 2.9 4.3

164 9.8 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: 42.362 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

ClientSampled :

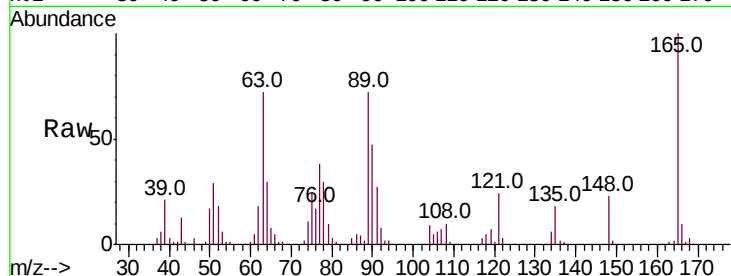
Tot Ion:165 Resp: 56003

Ion Ratio Lower Upper

165 100

63 72.5 41.8 62.8#

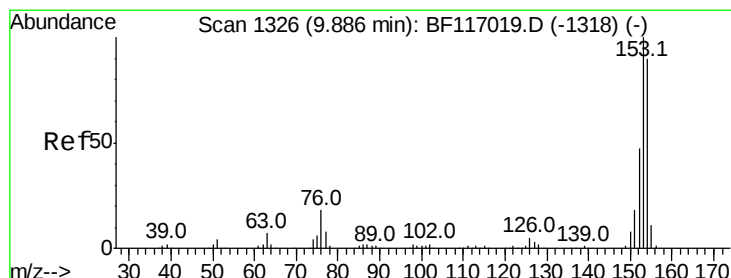
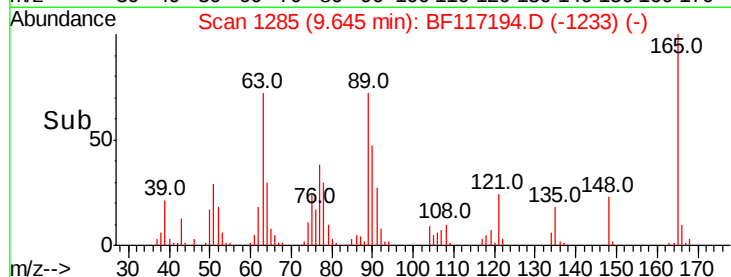
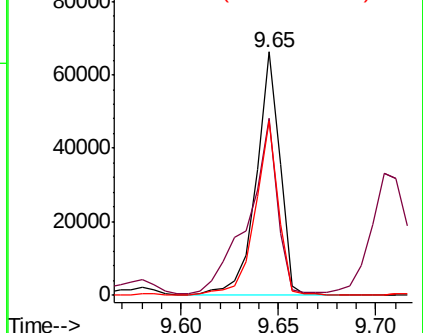
89 71.8 46.5 69.7#



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: 40.382 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

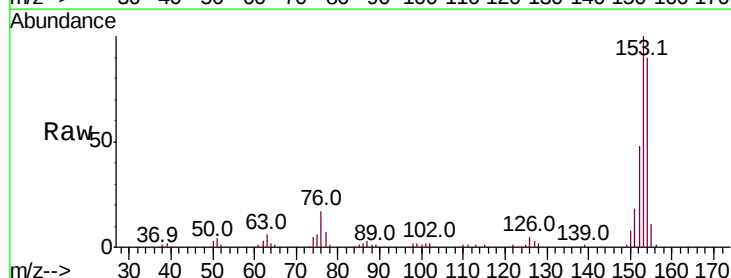
Tgt Ion:154 Resp: 203513

Ion Ratio Lower Upper

154 100

153 110.6 89.0 133.6

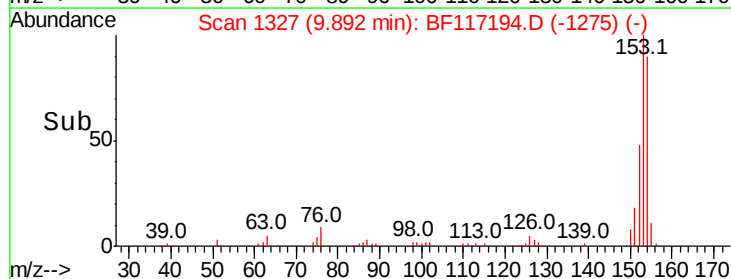
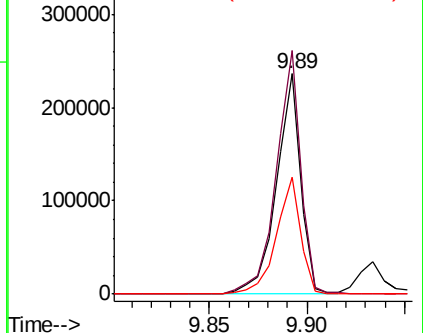
152 53.3 41.9 62.9

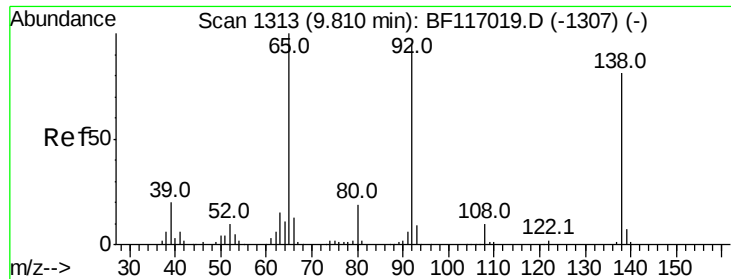


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

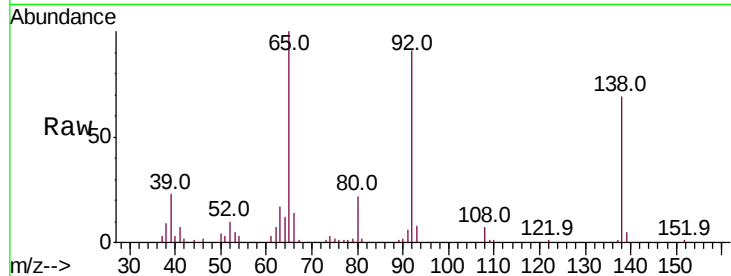




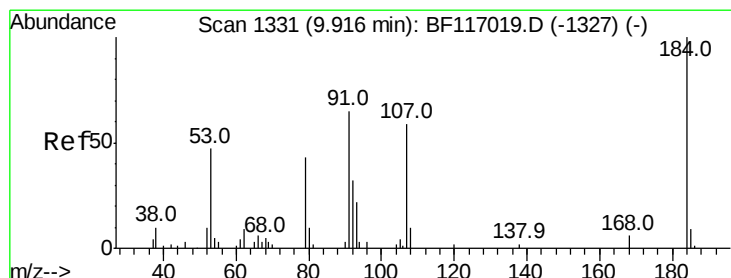
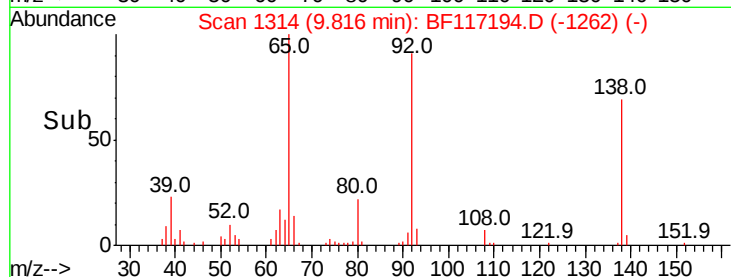
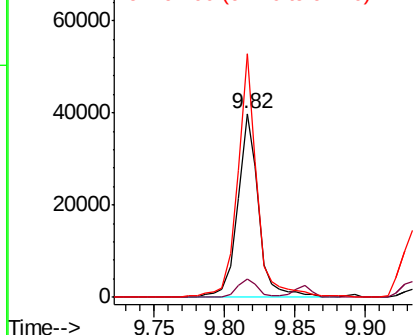
#53
 3-Nitroaniline
 Concen: 24.379 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 40664
 Ion Ratio Lower Upper
 138 100
 108 10.1 9.5 14.3
 92 132.5 94.1 141.1

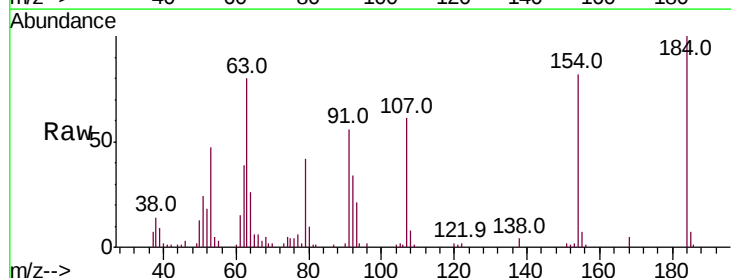


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

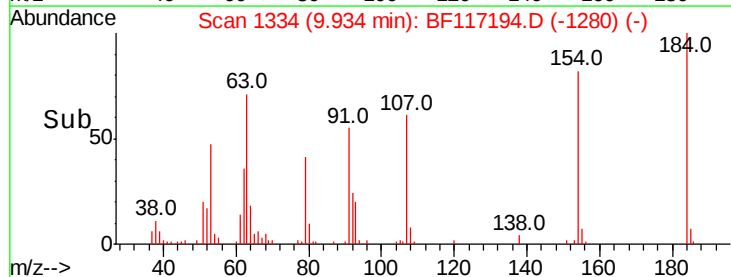
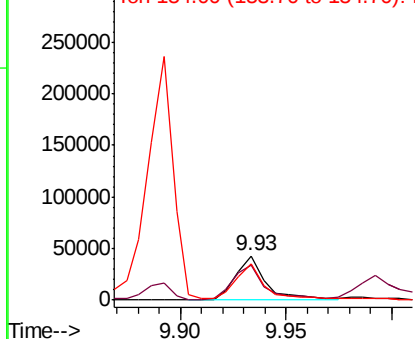


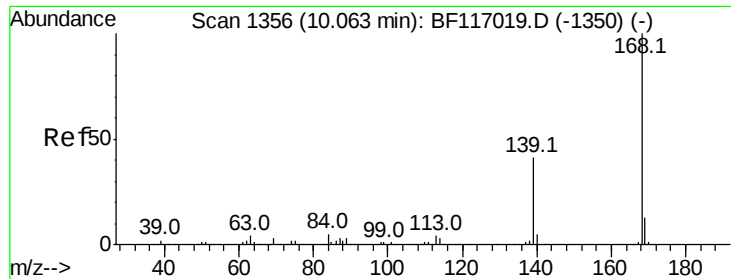
#54
 2,4-Dinitrophenol
 Concen: 76.025 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion:184 Resp: 43104
 Ion Ratio Lower Upper
 184 100
 63 80.3 63.8 95.6
 154 82.4 60.4 90.6



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

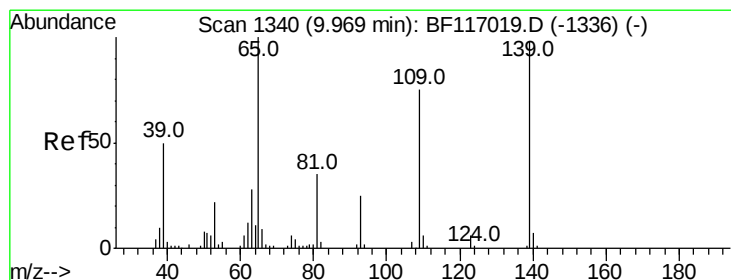
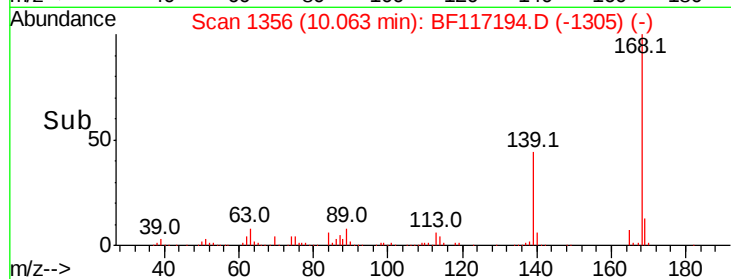
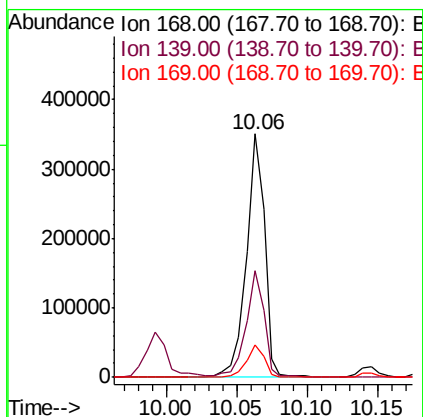
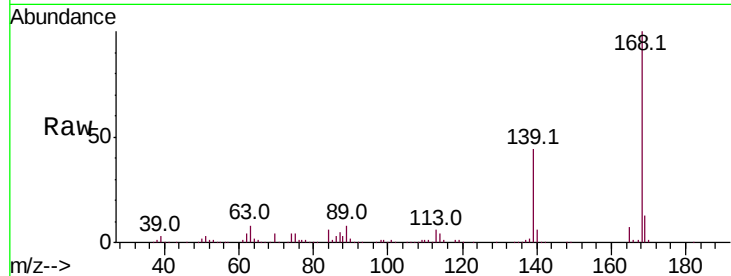




#55
Dibenzenofuran
Concen: 42.630 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

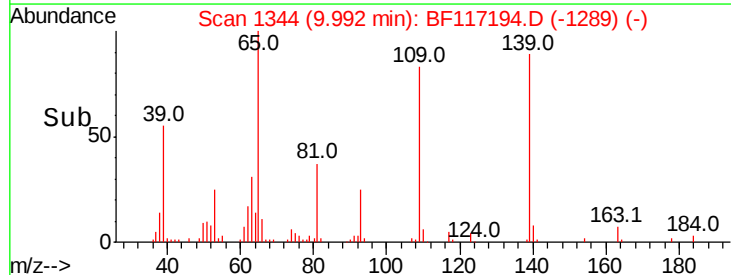
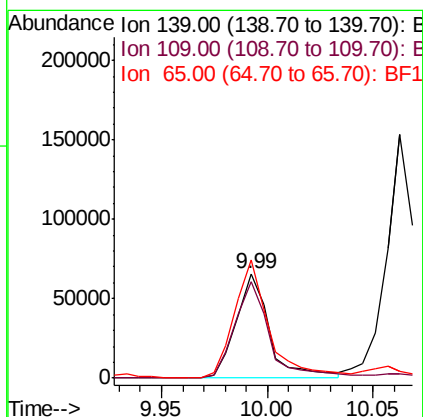
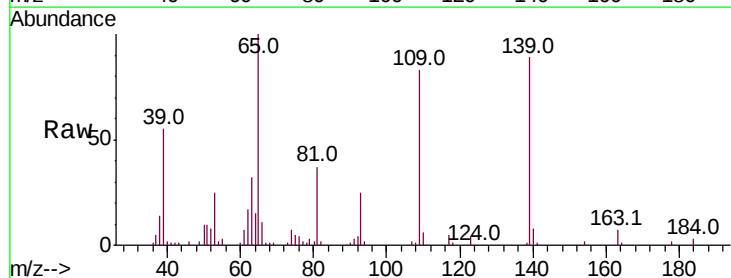
Instrument :
BNA_F
ClientSampleId :

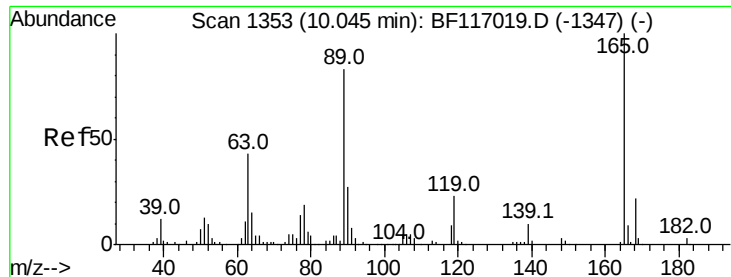
Tot Ion:168 Resp: 316986
Ion Ratio Lower Upper
168 100
139 43.7 32.8 49.2
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 66.611 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:139 Resp: 72008
Ion Ratio Lower Upper
139 100
109 93.0 56.4 96.4
65 112.7 82.5 122.5

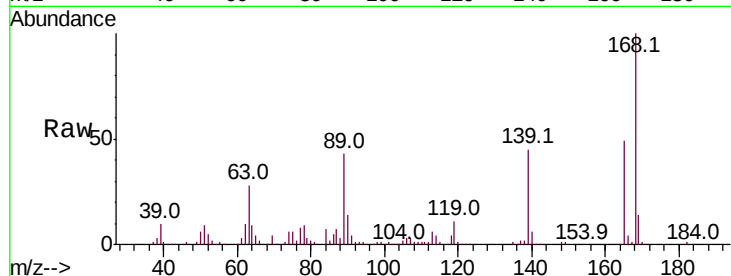




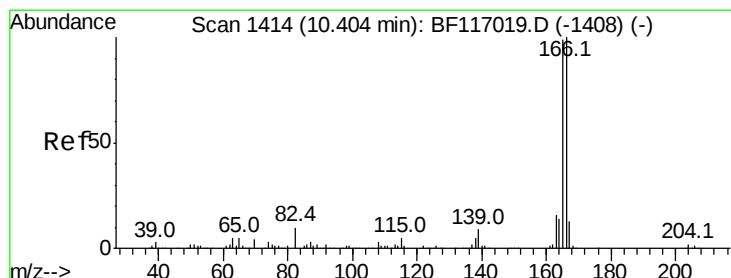
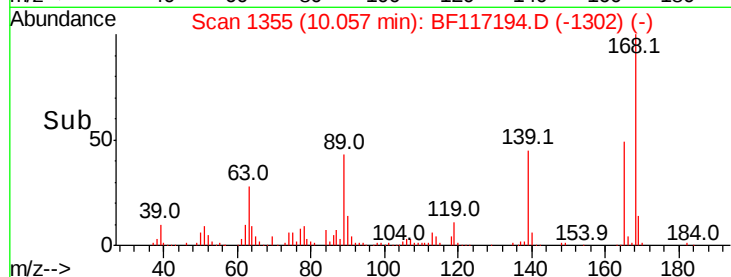
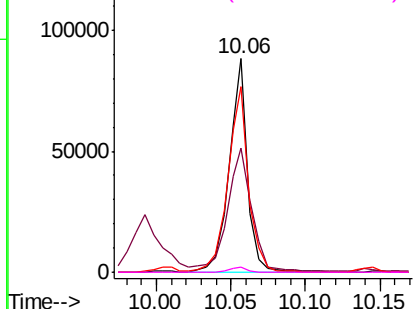
#57
 2,4-Dinitrotoluene
 Concen: 44.610 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.1	35.0	52.4#
89	86.9	66.1	99.1
182	2.4	2.0	3.0

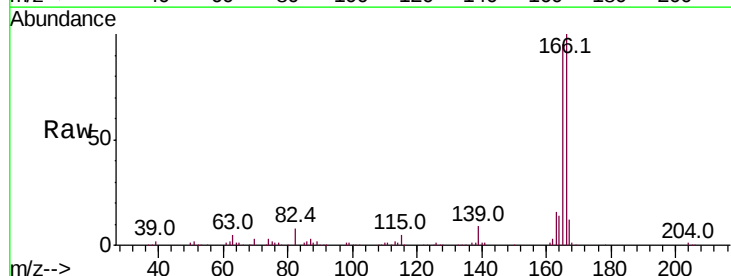


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

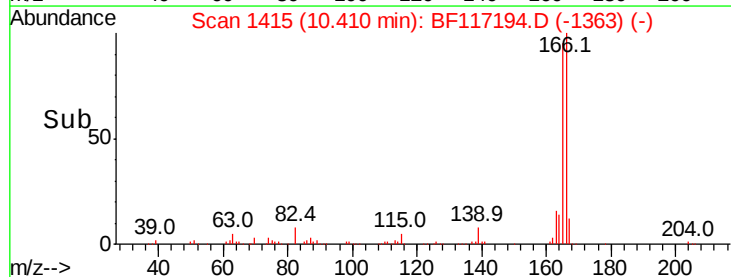
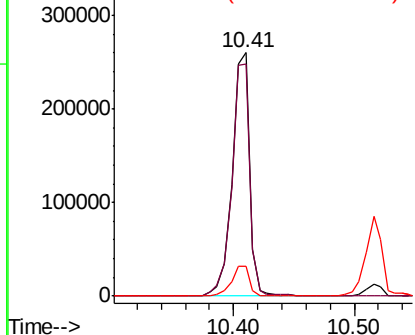


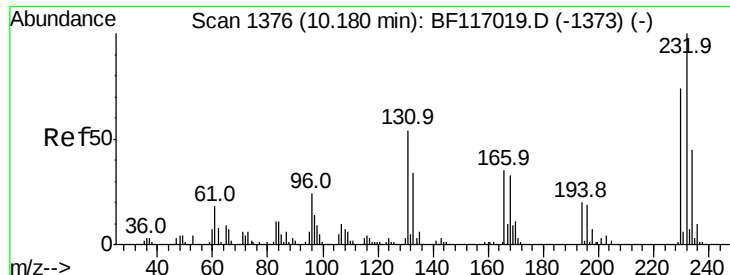
#58
 Fluorene
 Concen: 43.880 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	78.9	118.3
167	12.4	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

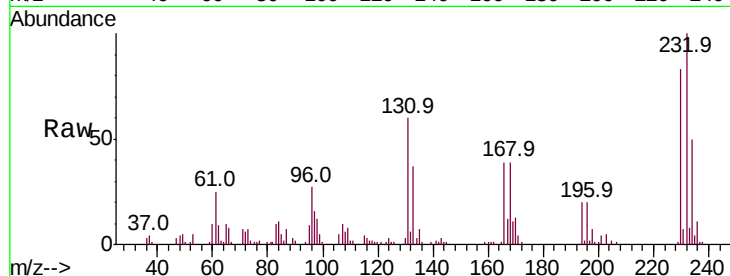




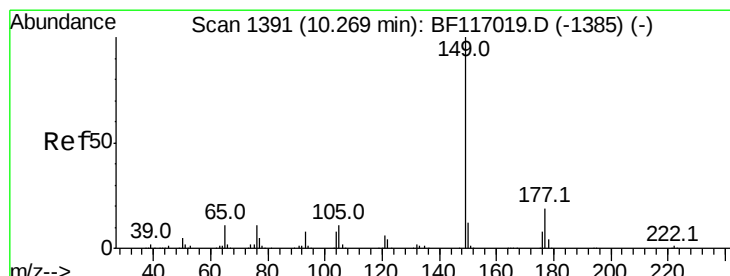
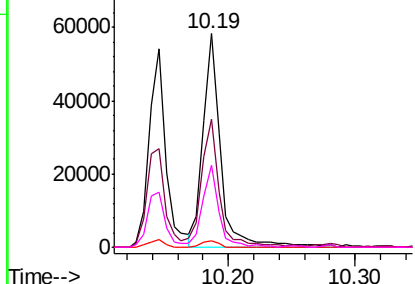
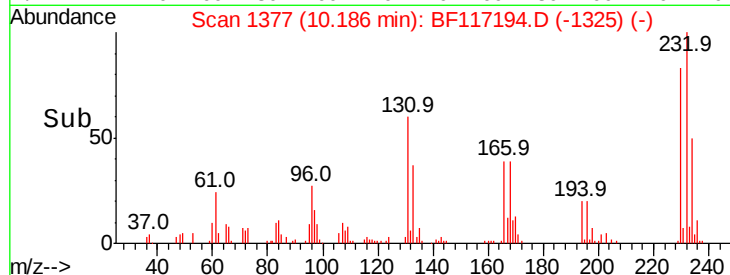
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.901 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 56349
 Ion Ratio Lower Upper
 232 100
 131 61.7 45.3 67.9
 130 2.8 1.8 2.8#
 166 36.2 29.4 44.2

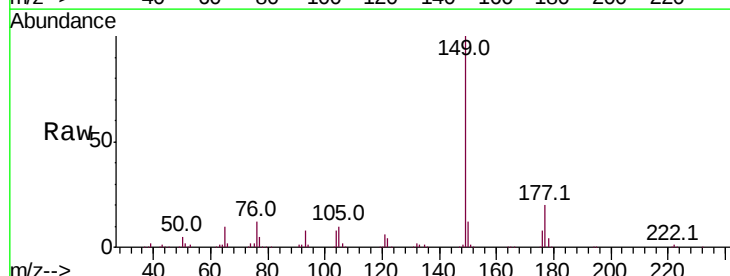


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

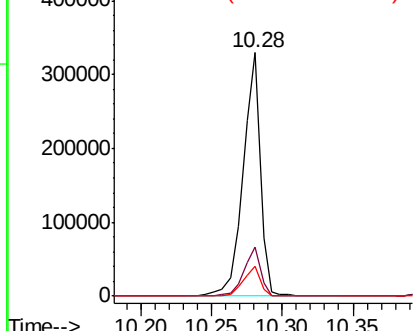
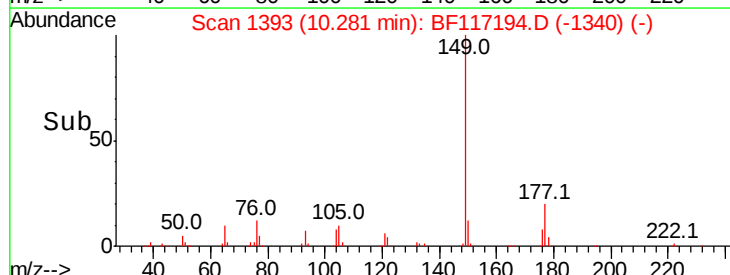


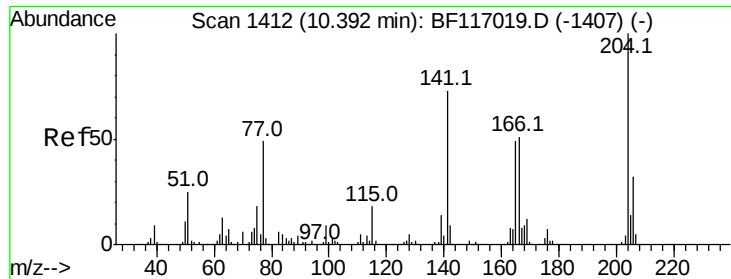
#60
 Diethylphthalate
 Concen: 43.814 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion:149 Resp: 279796
 Ion Ratio Lower Upper
 149 100
 177 20.4 15.2 22.8
 150 12.5 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

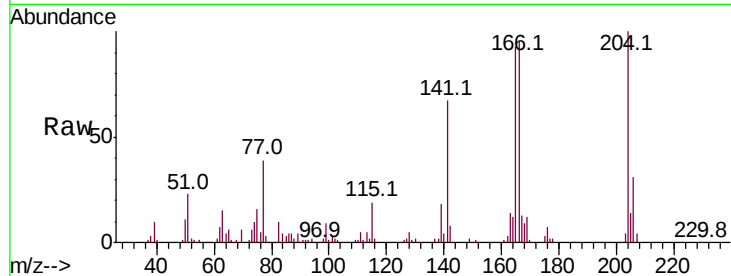




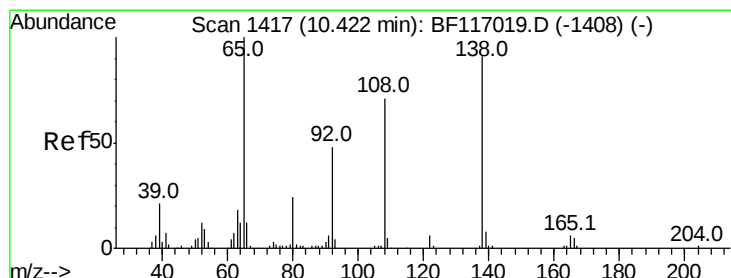
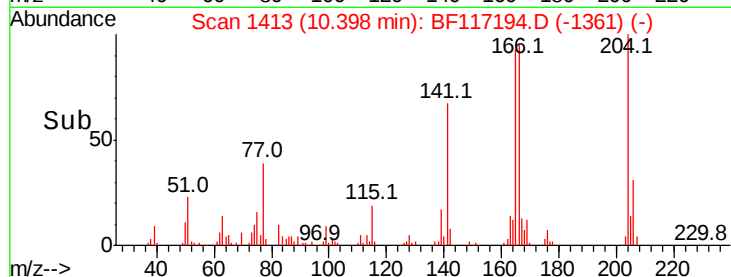
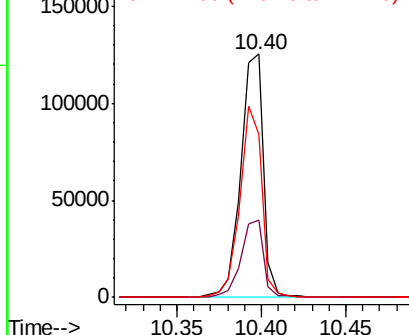
#61
4-Chlorophenyl-phenylether
Concen: 45.273 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 117327
Ion Ratio Lower Upper
204 100
206 31.5 26.0 39.0
141 67.0 58.2 87.2

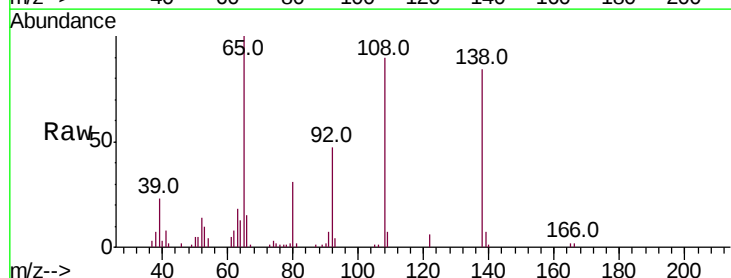


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

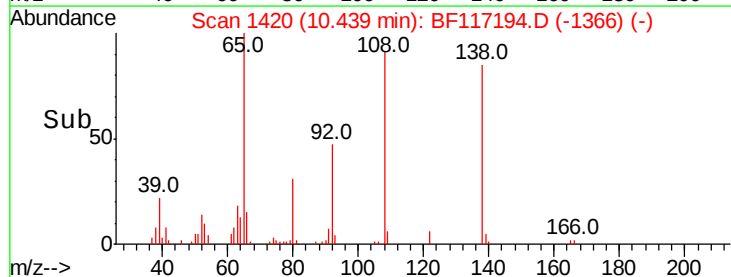
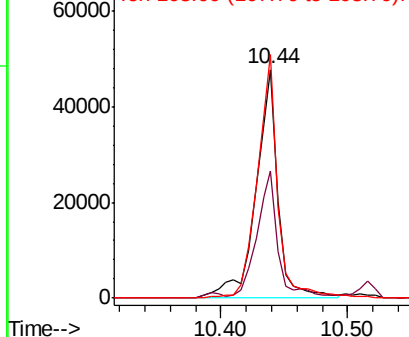


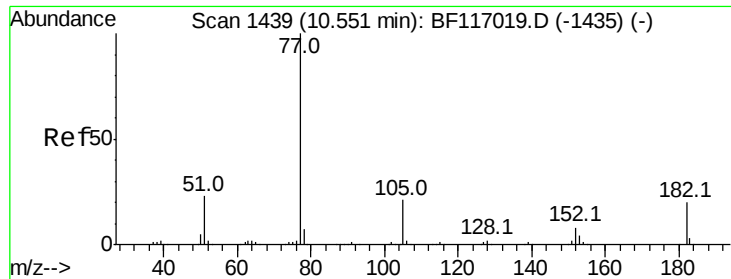
#62
4-Nitroaniline
Concen: 33.857 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:138 Resp: 58728
Ion Ratio Lower Upper
138 100
92 55.4 32.9 72.9
108 106.4 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

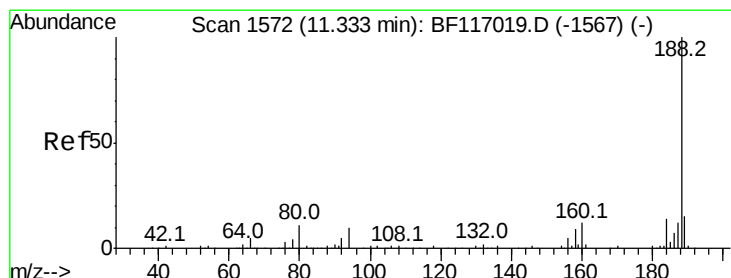
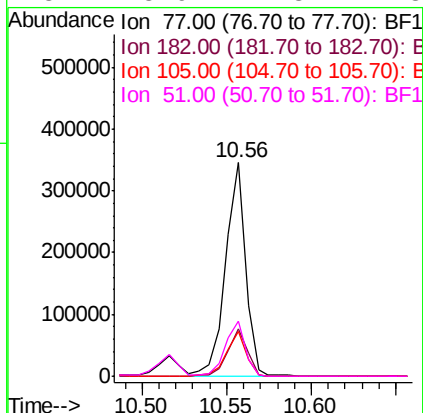
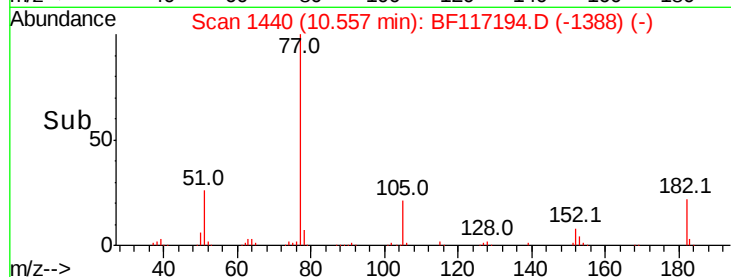
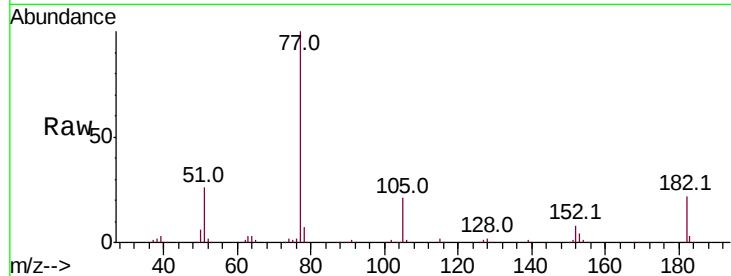




#63
Azobenzene
Concen: 43.574 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

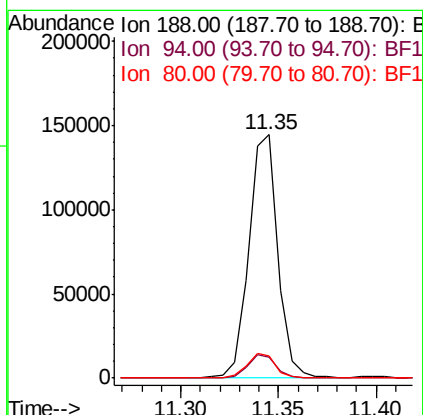
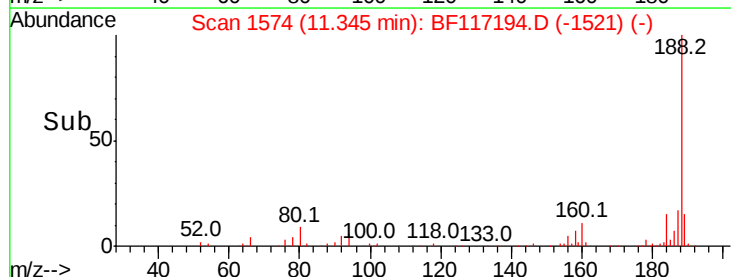
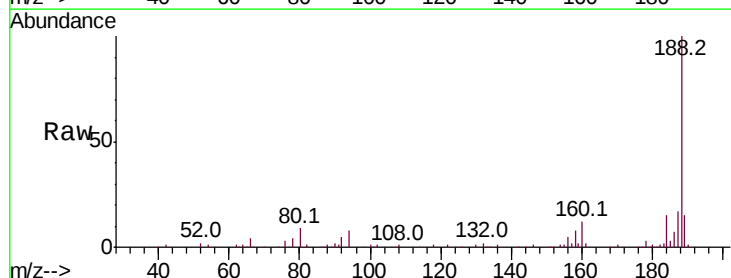
Instrument :
BNA_F
ClientSampleId :

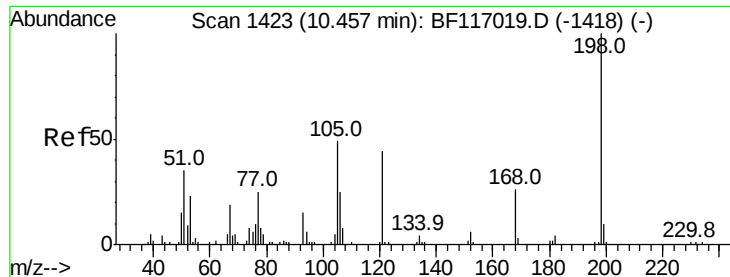
Tot Ion:	77	Resp:	284196
Ion	Ratio	Lower	Upper
77	100		
182	22.1	0.4	40.4
105	21.2	0.9	40.9
51	25.9	2.8	42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:	188	Resp:	148268
Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	9.2	9.0	13.6

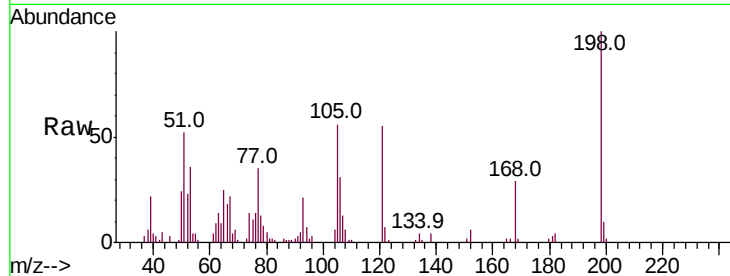




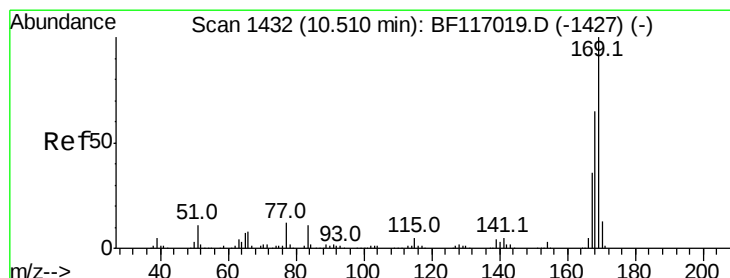
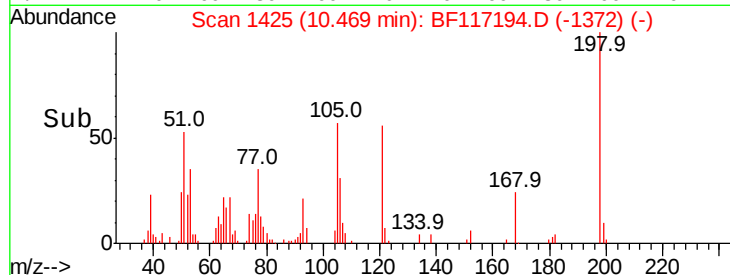
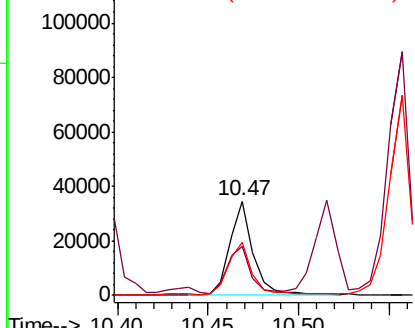
#65
4,6-Dinitro-2-methylphenol
Concen: 46.458 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 31211
Ion Ratio Lower Upper
198 100
51 52.0 18.7 58.7
105 56.5 30.2 70.2

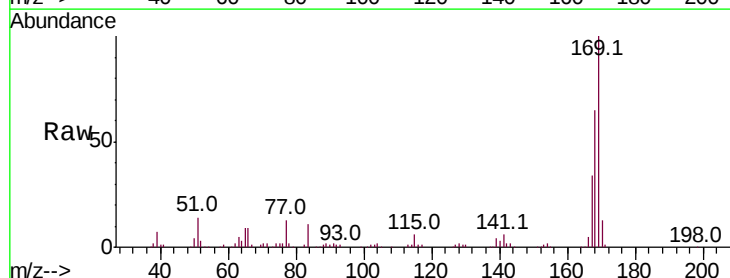


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

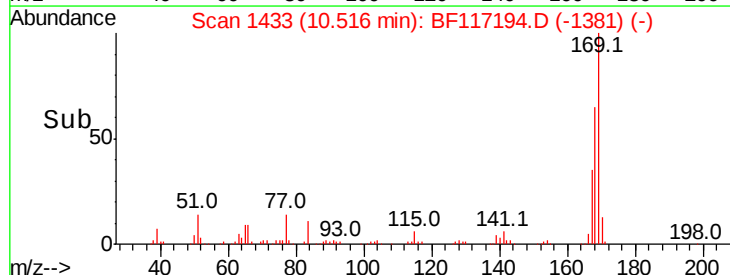
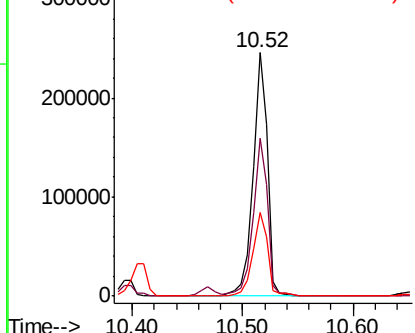


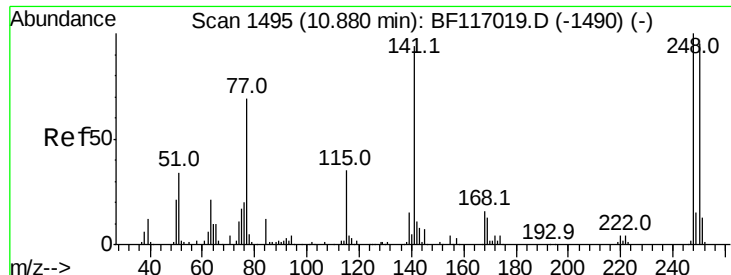
#66
n-Nitrosodiphenylamine
Concen: 43.994 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:169 Resp: 225273
Ion Ratio Lower Upper
169 100
168 64.9 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

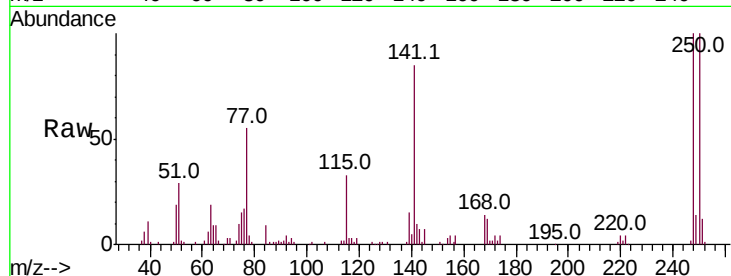




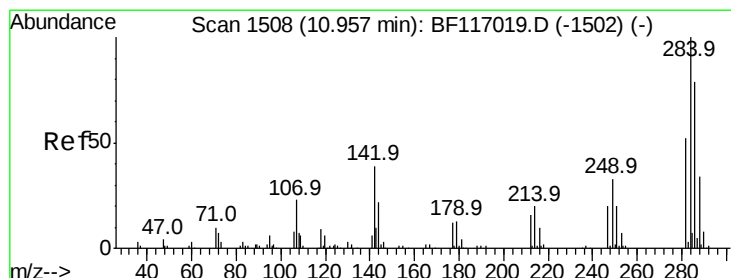
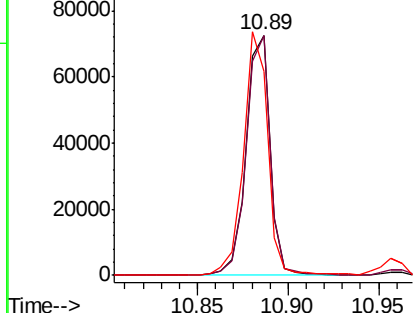
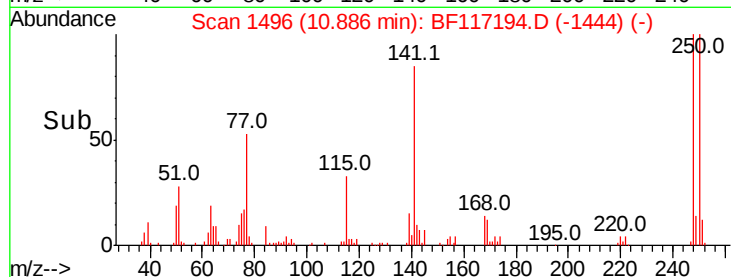
#67
 4-Bromophenyl-phenylether
 Concen: 44.176 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 66890
 Ion Ratio Lower Upper
 248 100
 250 99.8 76.2 114.4
 141 85.0 75.0 112.4

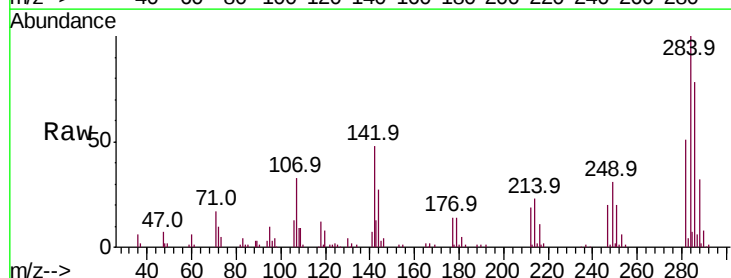


Abundance Ion 248.00 (247.70 to 248.70): E
 100000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

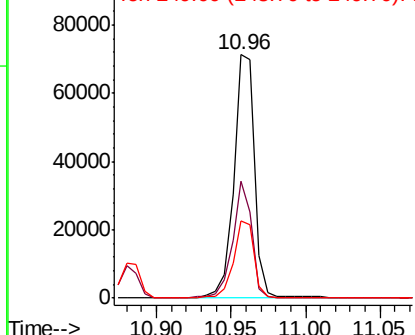
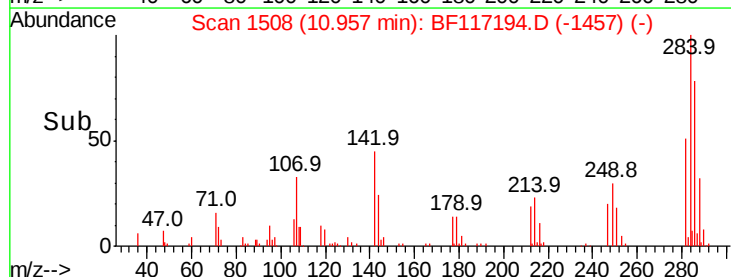


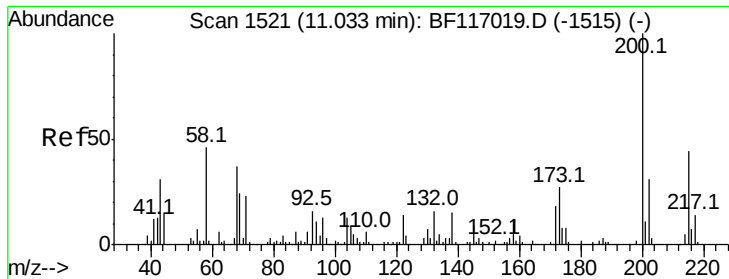
#68
 Hexachlorobenzene
 Concen: 42.260 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion:284 Resp: 69988
 Ion Ratio Lower Upper
 284 100
 142 48.1 31.4 47.2#
 249 31.5 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

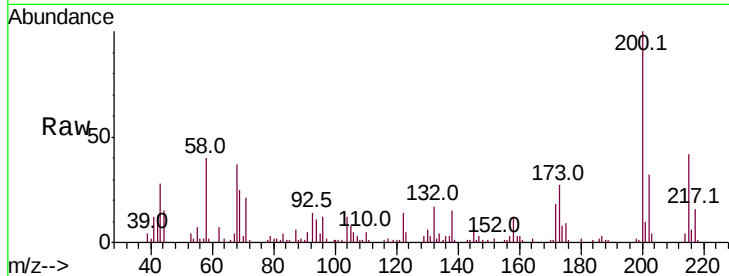




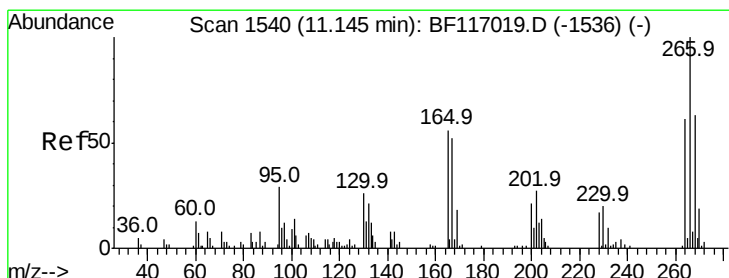
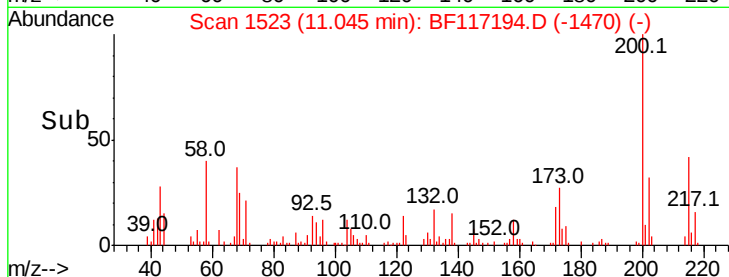
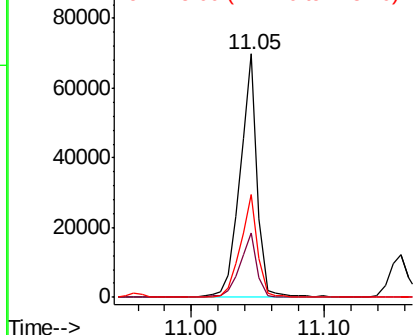
#69
Atrazine
Concen: 50.341 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 62126
Ion Ratio Lower Upper
200 100
173 26.6 6.9 46.9
215 42.1 23.8 63.8

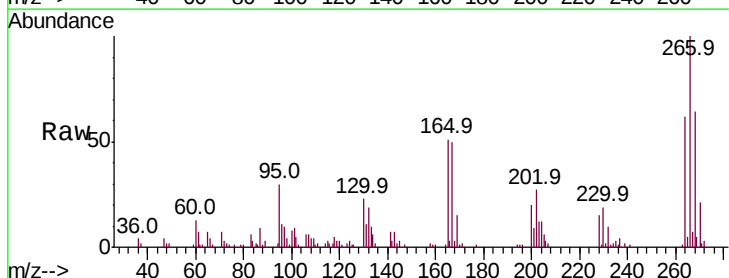


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

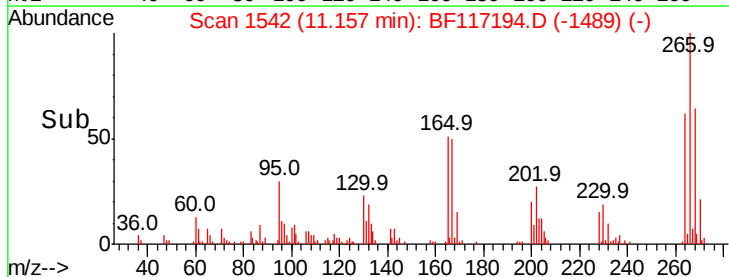
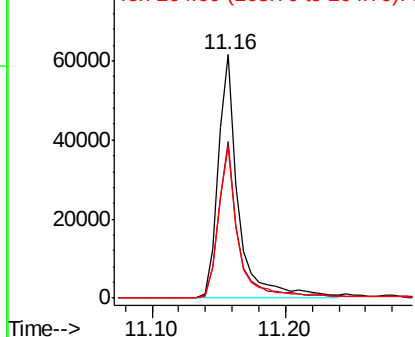


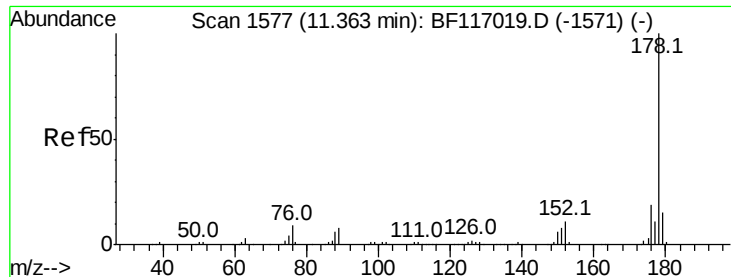
#70
Pentachlorophenol
Concen: 85.225 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:266 Resp: 66161
Ion Ratio Lower Upper
266 100
268 64.1 50.5 75.7
264 62.4 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

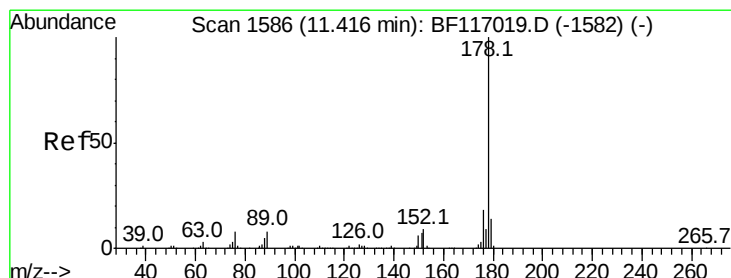
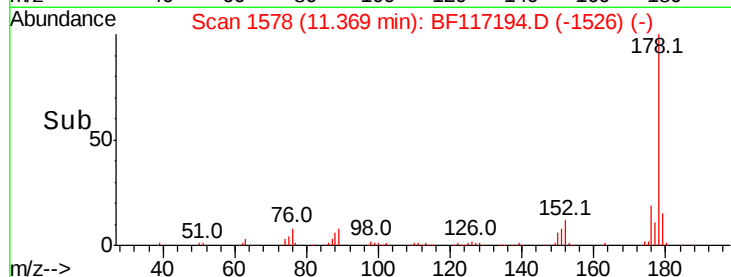
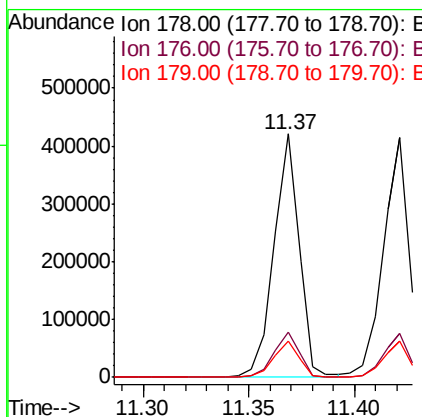
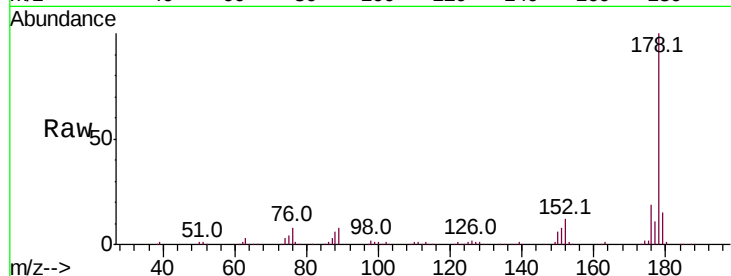




#71
Phenanthrene
Concen: 41.797 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

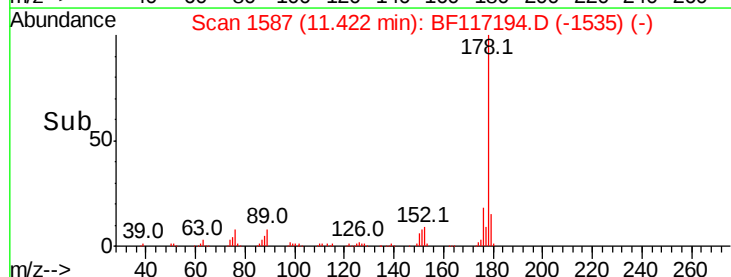
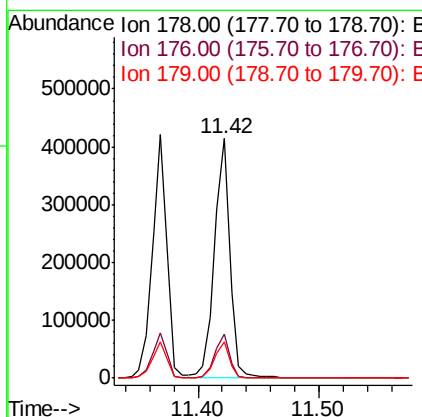
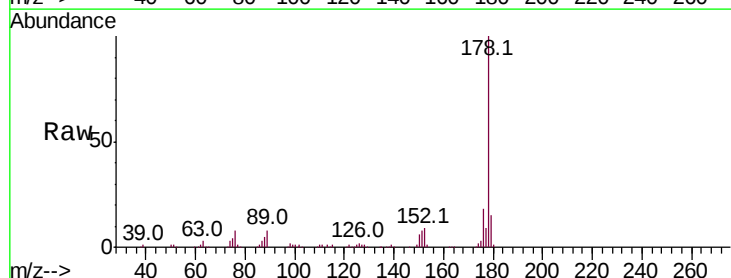
Instrument :
BNA_F
ClientSampled :

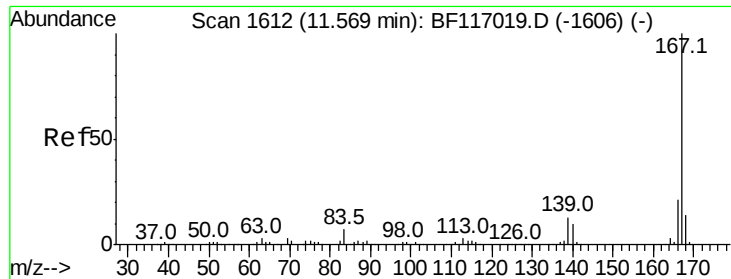
Tot Ion:178 Resp: 351997
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 14.7 12.4 18.6



#72
Anthracene
Concen: 42.236 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:178 Resp: 363140
Ion Ratio Lower Upper
178 100
176 18.3 14.6 21.8
179 14.9 11.6 17.4

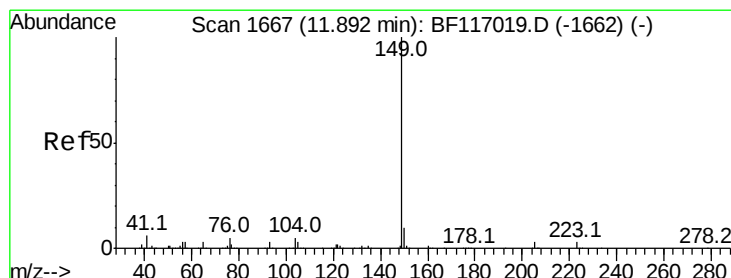
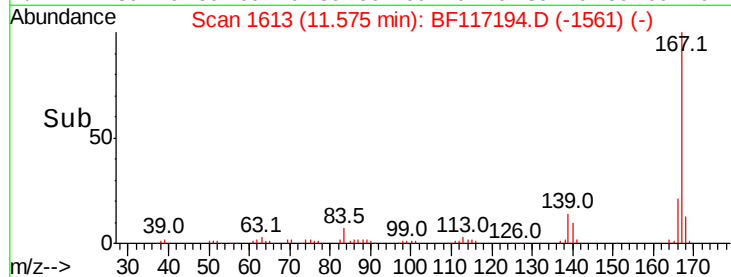
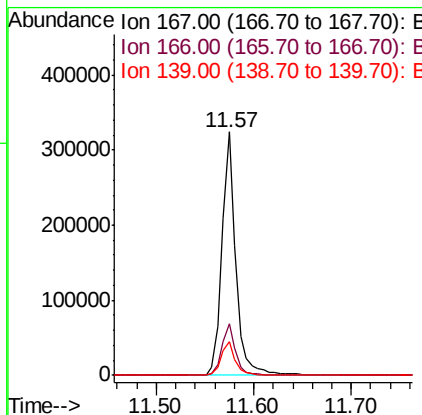
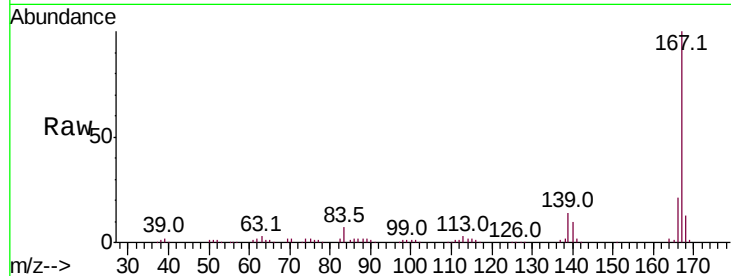




#73
 Carbazole
 Concen: 39.355 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

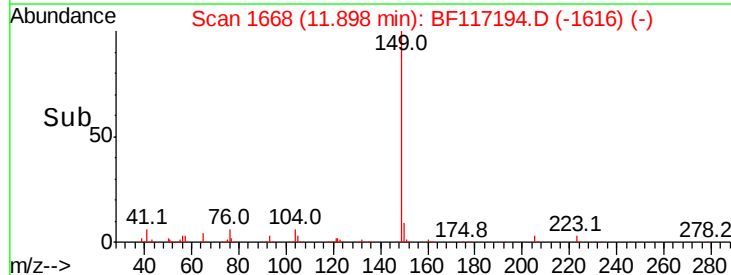
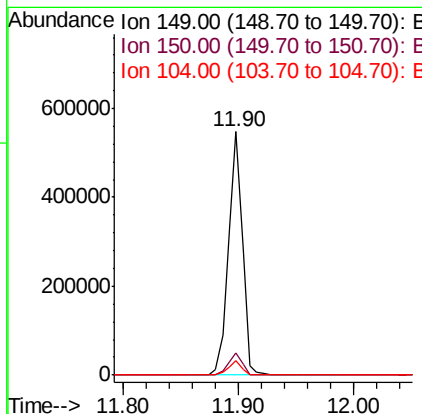
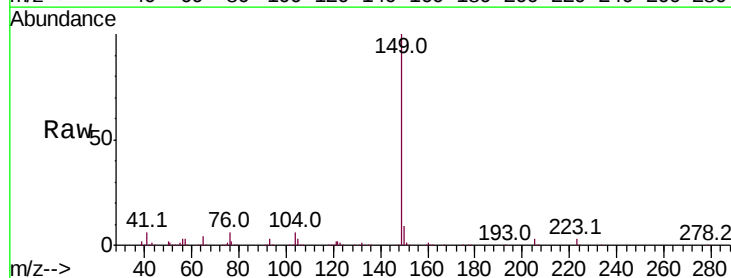
Instrument :
 BNA_F
 ClientSampleId :

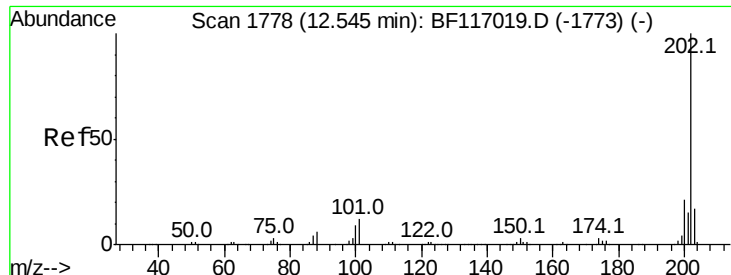
Tot Ion:167 Resp: 321178
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 14.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 47.102 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion:149 Resp: 457352
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.7 4.2 6.4

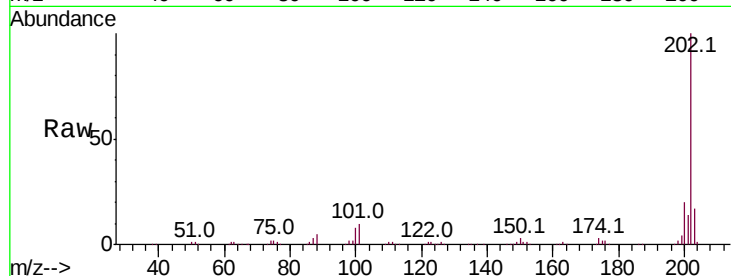




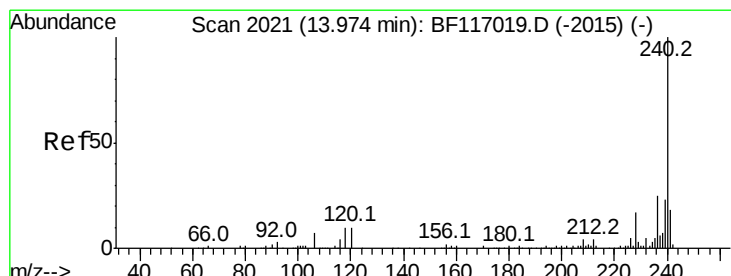
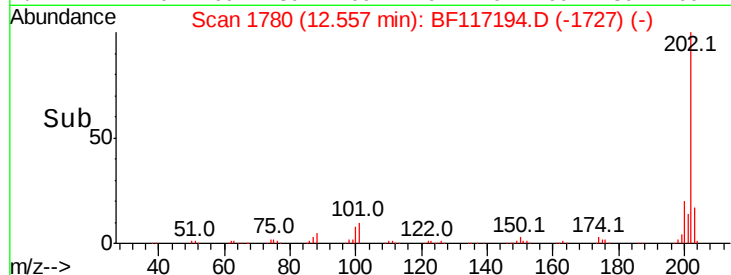
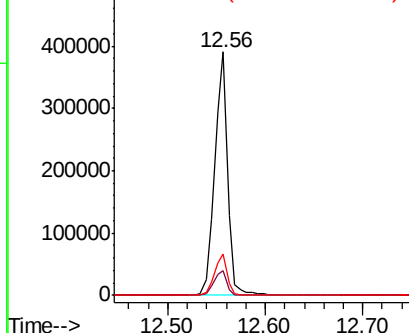
#75
 Fluoranthene
 Concen: 41.154 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.3
203	17.2	0.0	37.1

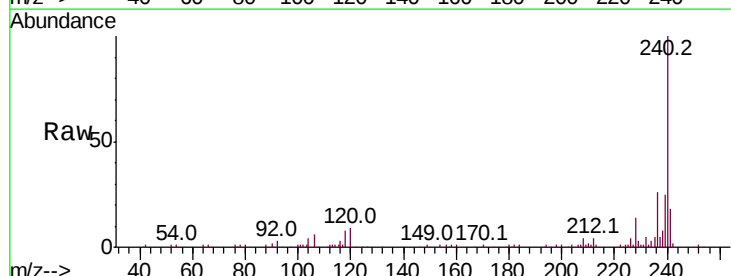


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

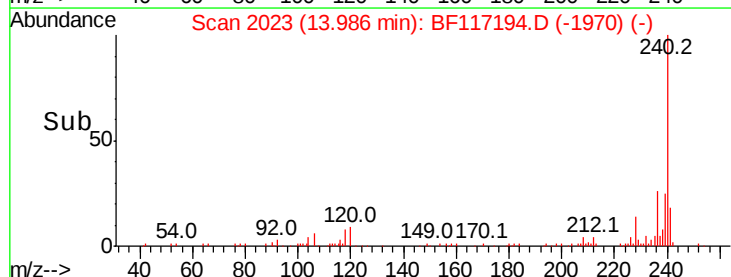
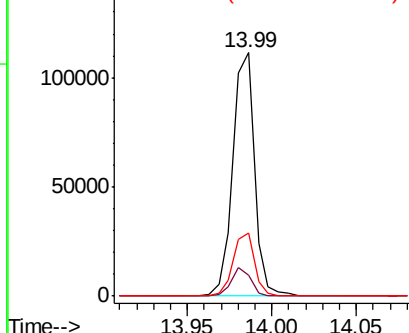


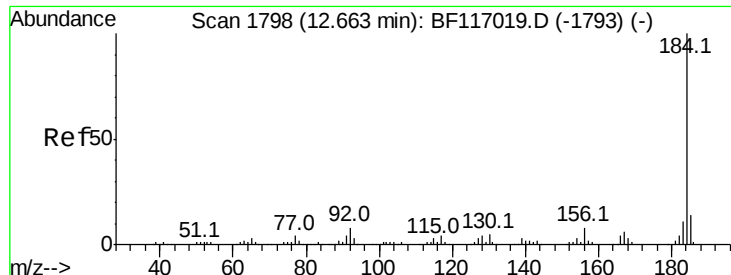
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.3	12.5
236	25.8	20.3	30.5



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

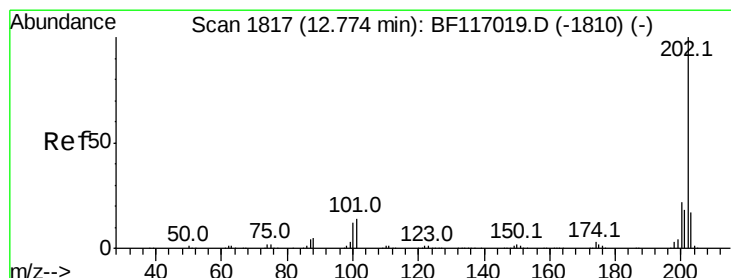
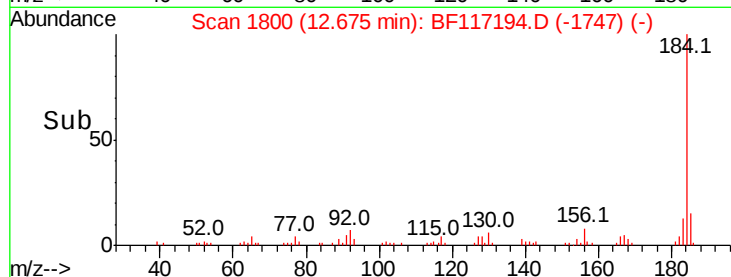
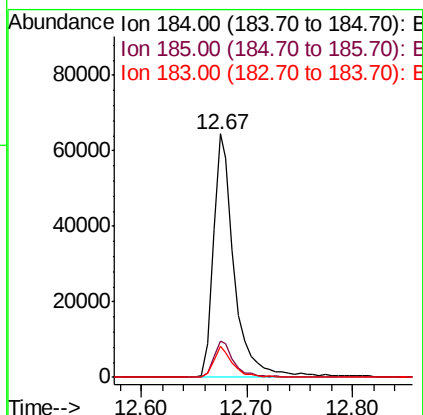
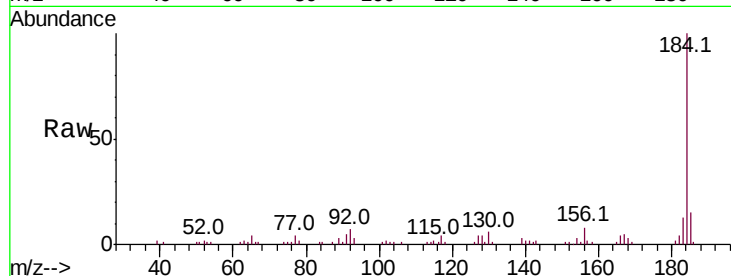




#77
Benzidine
Concen: 28.047 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

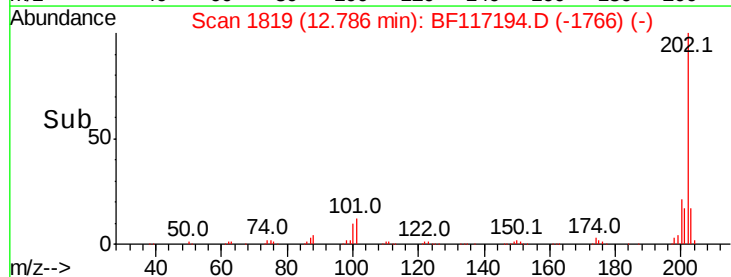
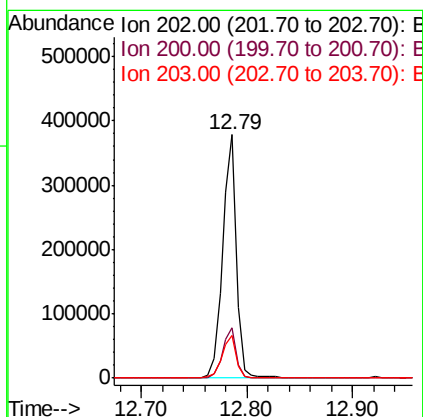
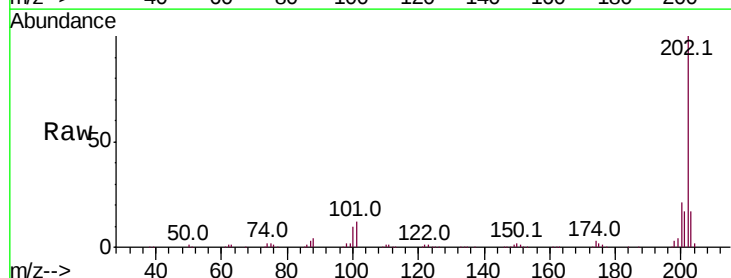
Instrument :
BNA_F
ClientSampleId :

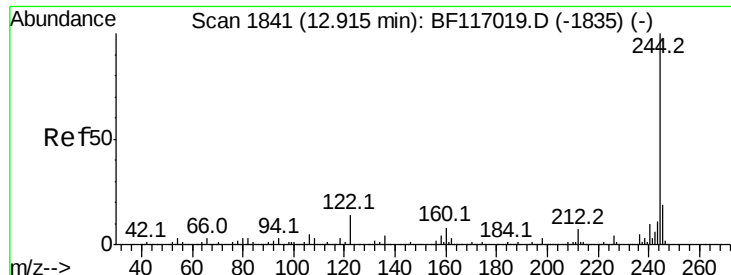
Tot Ion:184 Resp: 89832
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 12.6 9.0 13.4



#78
Pyrene
Concen: 41.414 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:202 Resp: 345512
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.4 14.0 21.0





#79

Terphenyl-d14

Concen: 78.120 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

Instrument :

BNA_F

ClientSampled :

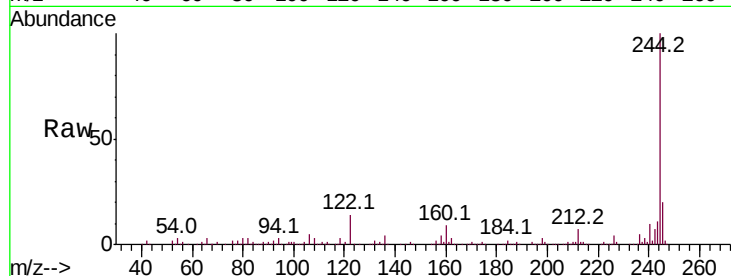
Tot Ion:244 Resp: 415539

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

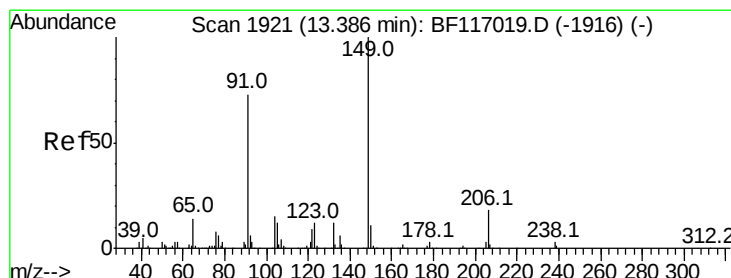
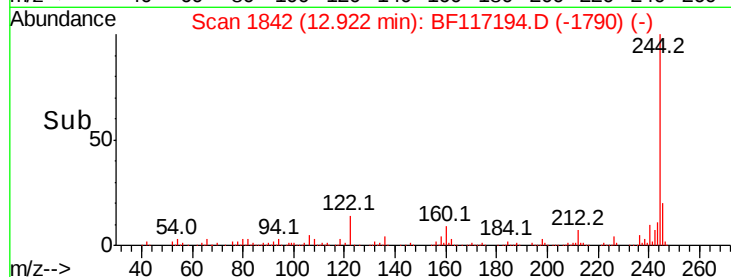
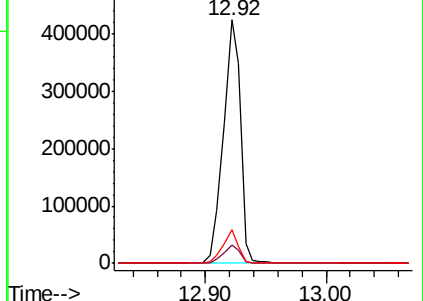
122 13.6 11.3 16.9



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: 44.821 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF117194.D

Acq: 20 Sep 2019 19:10

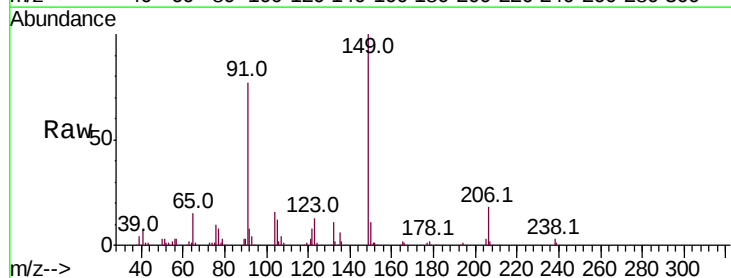
Tgt Ion:149 Resp: 176692

Ion Ratio Lower Upper

149 100

91 77.0 58.8 88.2

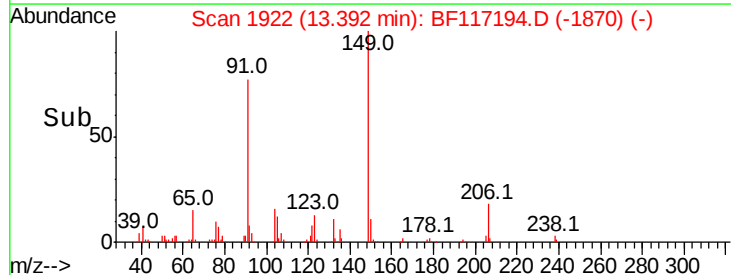
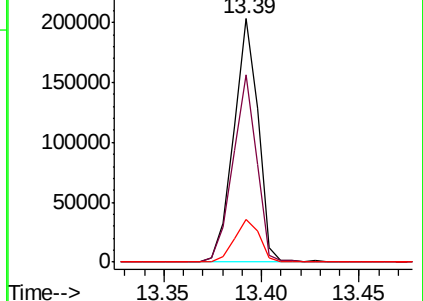
206 17.8 14.1 21.1

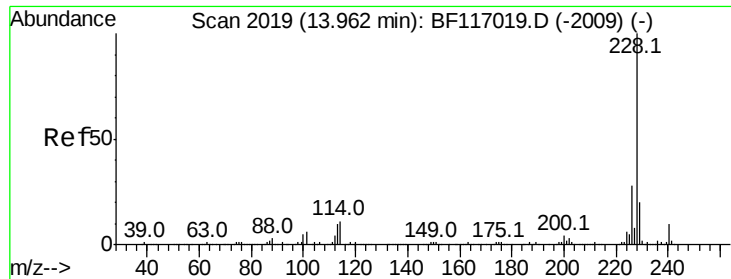


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

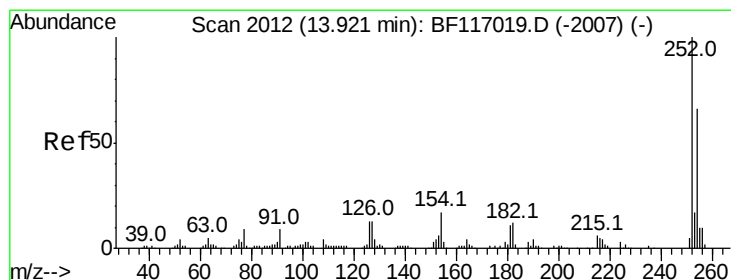
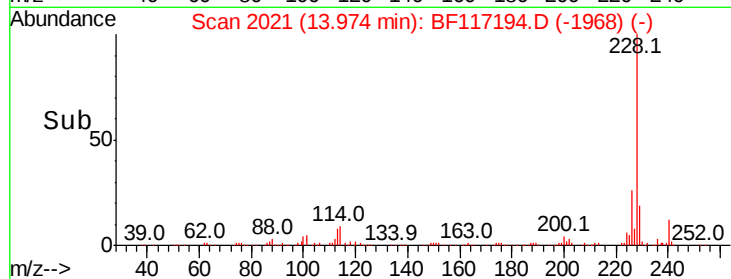
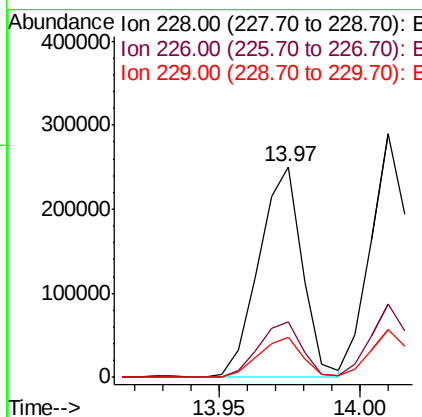
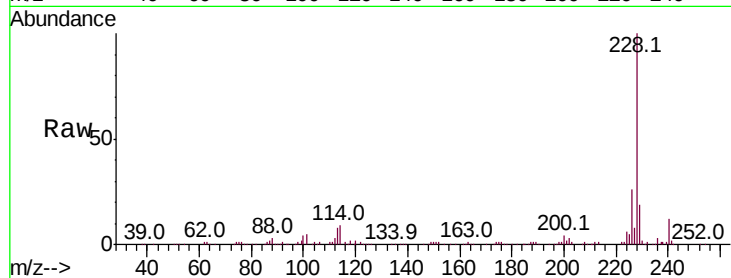




#81
Benzo(a)anthracene
Concen: 40.041 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

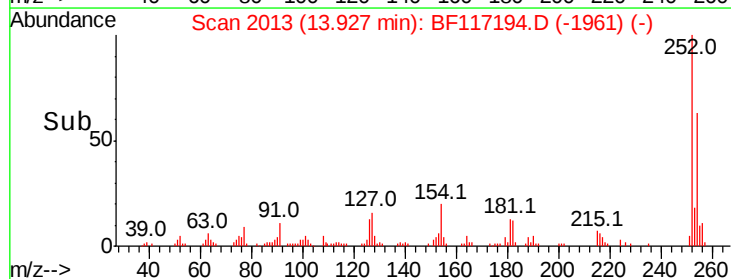
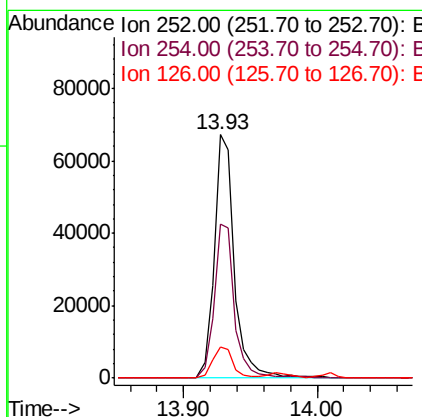
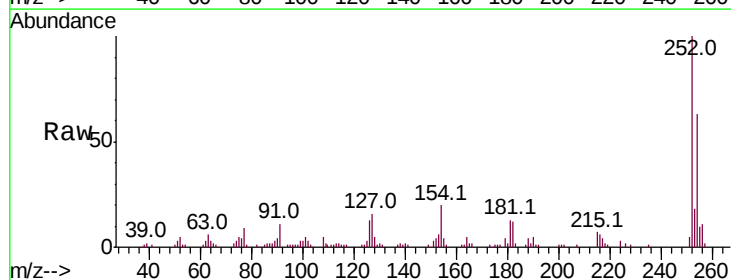
Instrument :
BNA_F
ClientSampleId :

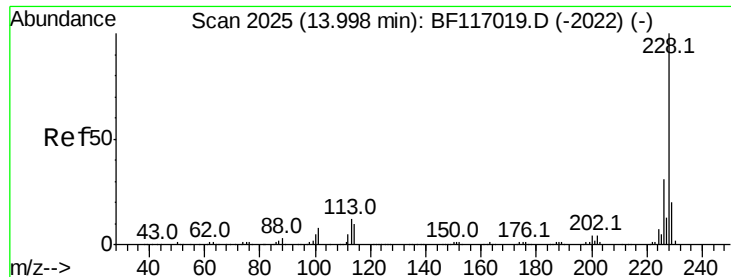
Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.3	33.5
229	19.0	15.9	23.9



#82
3,3'-Dichlorobenzidine
Concen: 33.262 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.6	79.0
126	12.6	10.4	15.6

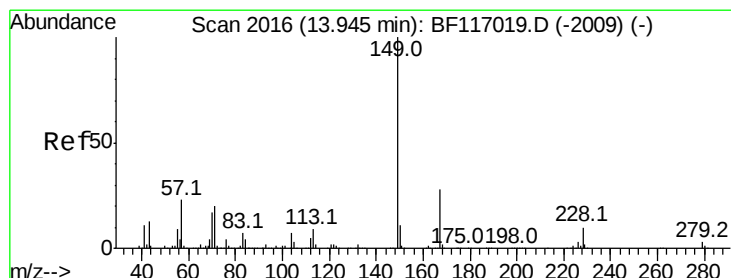
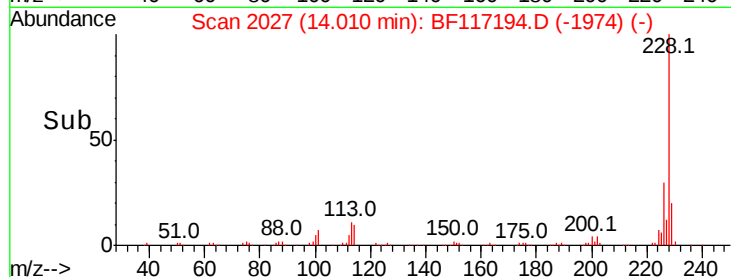
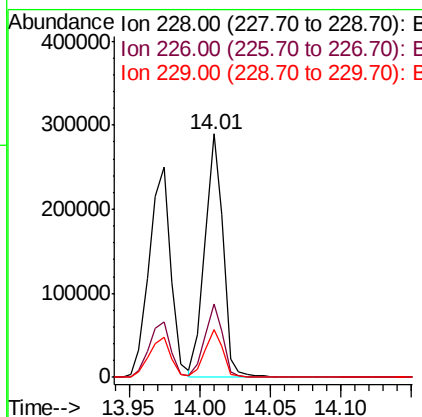
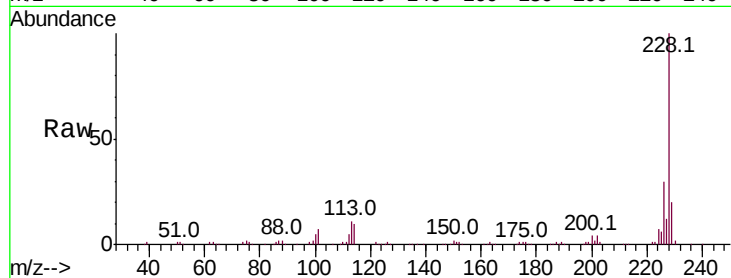




#83
 Chrysene
 Concen: 40.184 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

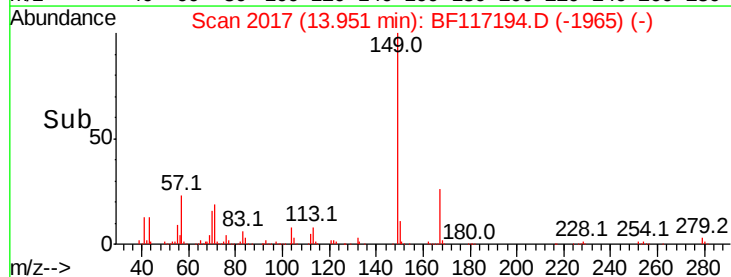
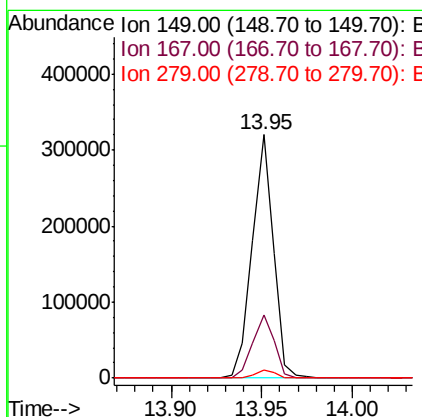
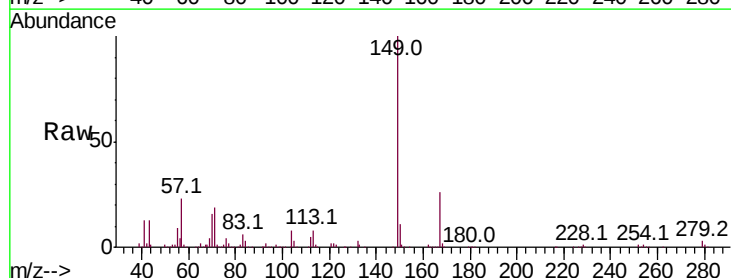
Instrument :
 BNA_F
 ClientSampleId :

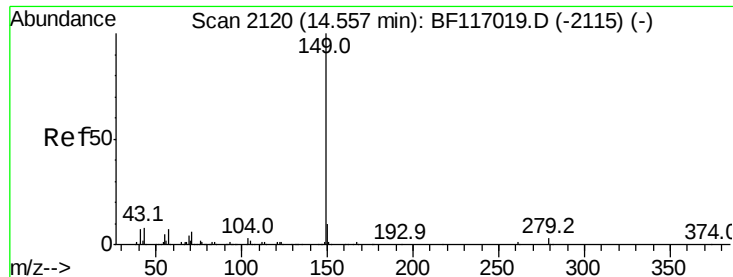
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	19.6	15.8	23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.495 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF117194.D
 Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.2	33.2
279	3.3	2.8	4.2

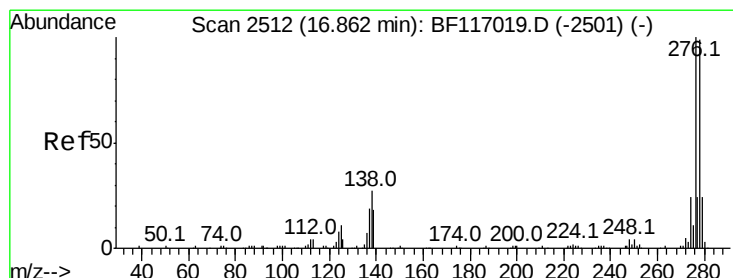
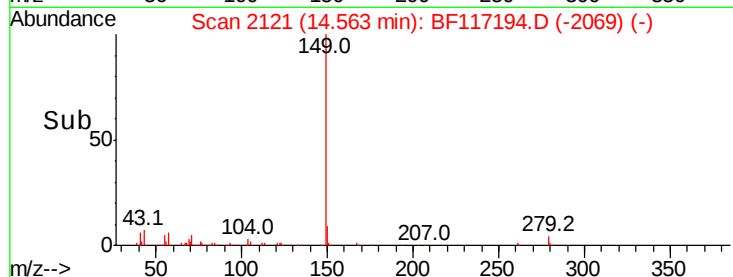
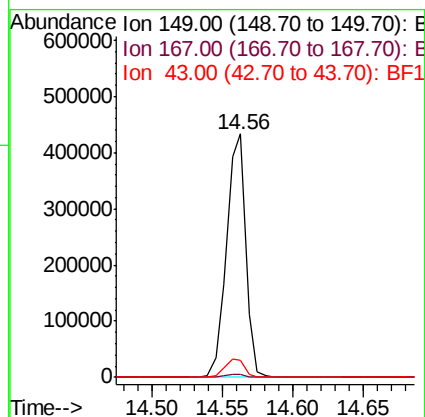
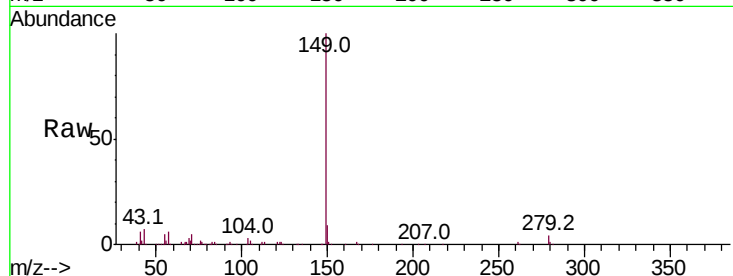




#85
Di-n-octyl phthalate
Concen: 51.079 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

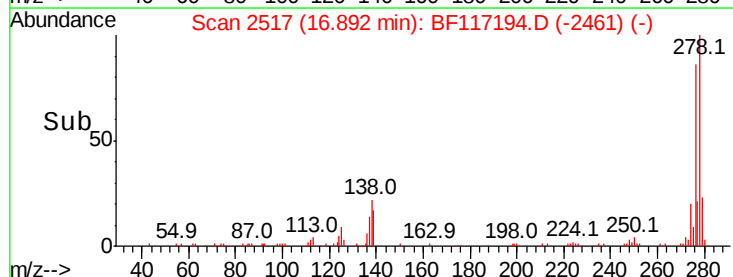
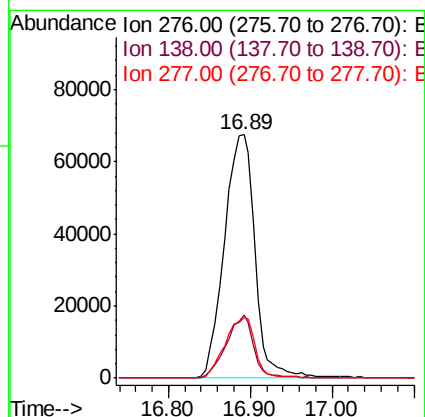
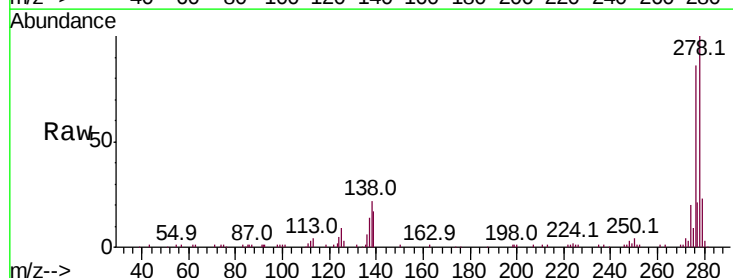
Instrument :
BNA_F
ClientSampleId :

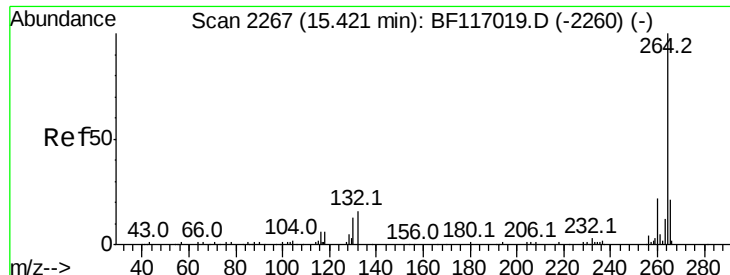
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	7.8	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.267 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.7	31.1
277	24.3	19.8	29.8



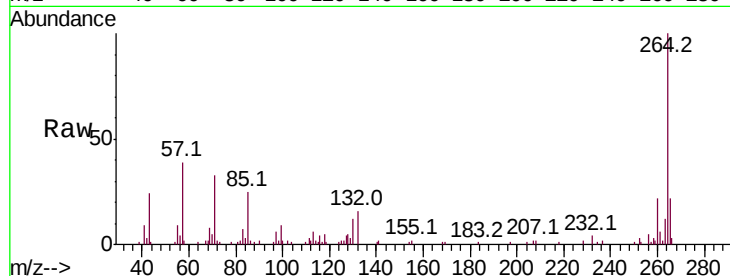


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

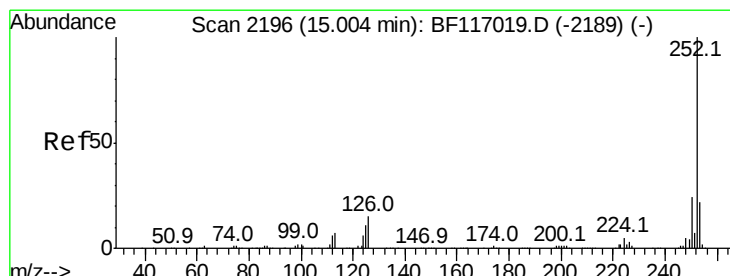
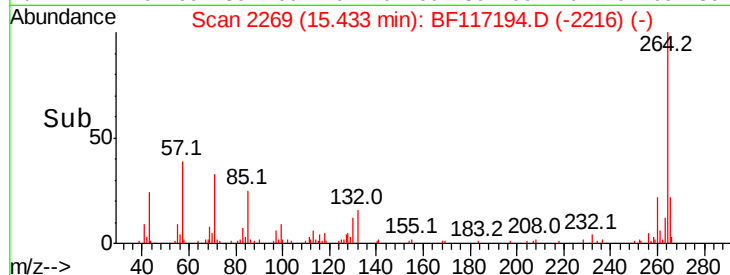
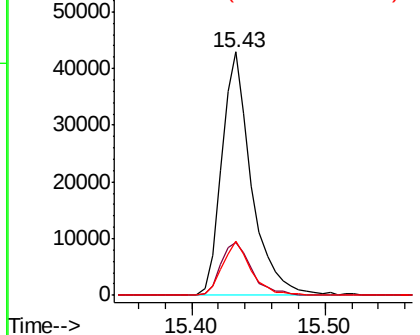
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 67160

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.6	26.4
265	22.5	16.6	24.8



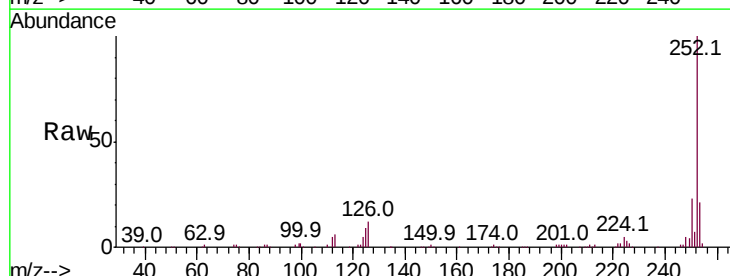
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



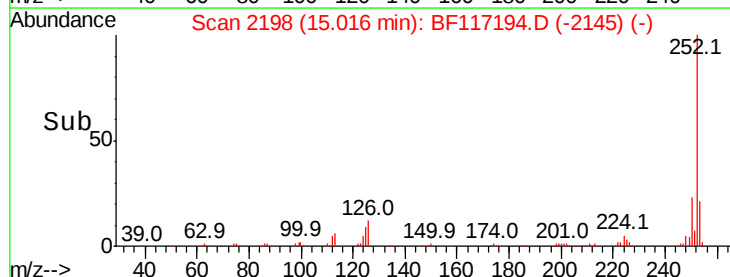
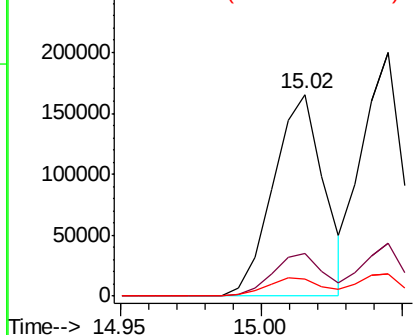
#88
Benzo(b)fluoranthene
Concen: 50.712 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

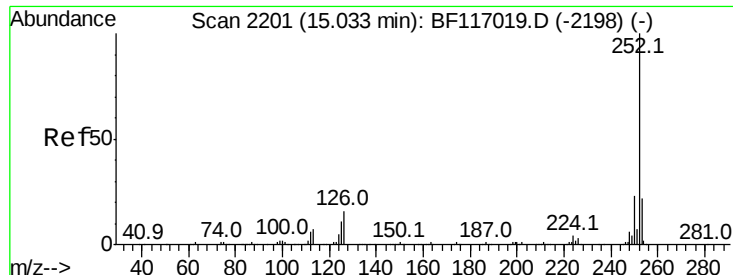
Tgt Ion:252 Resp: 206303

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	8.7	8.6	12.8



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

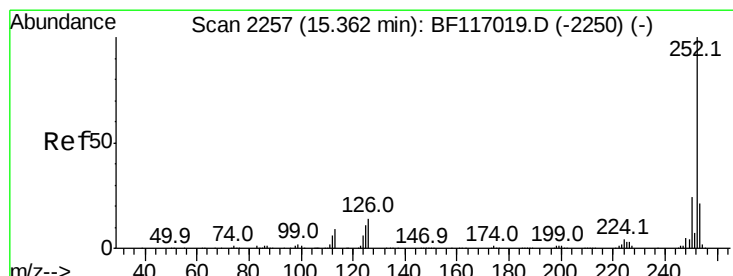
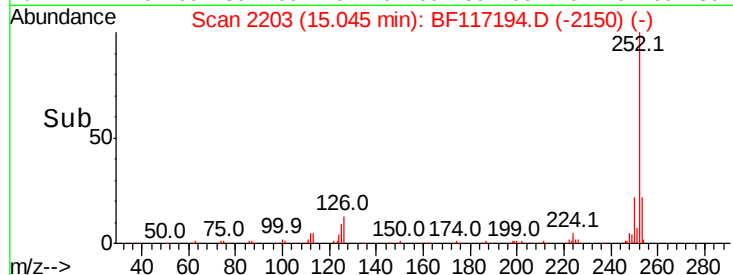
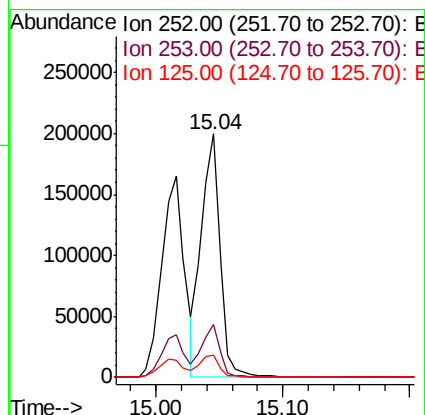
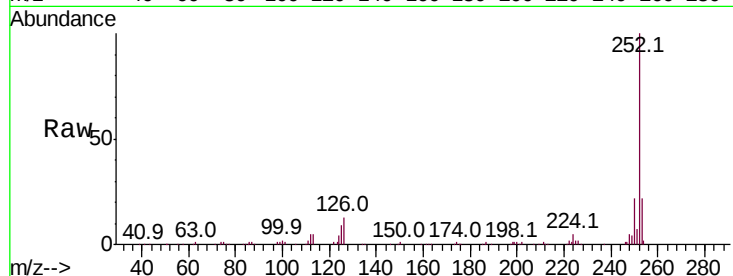




#89
Benzo(k)fluoranthene
Concen: 53.248 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

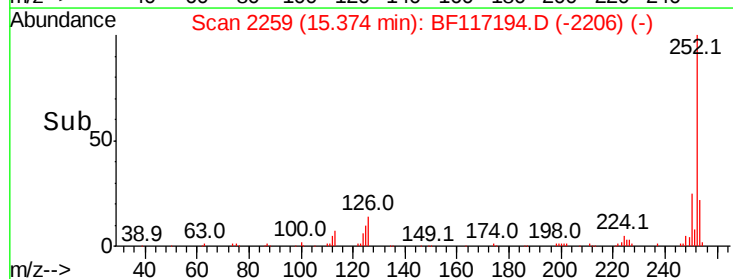
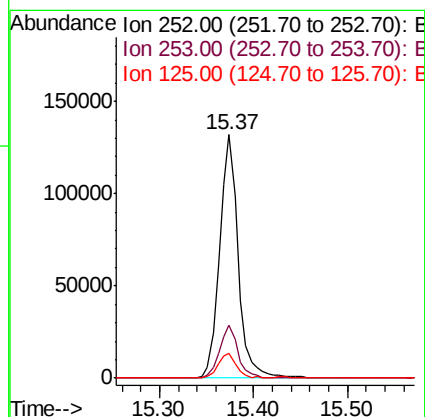
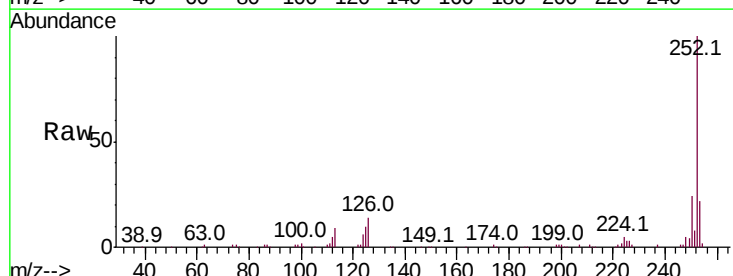
Instrument :
BNA_F
ClientSampleId :

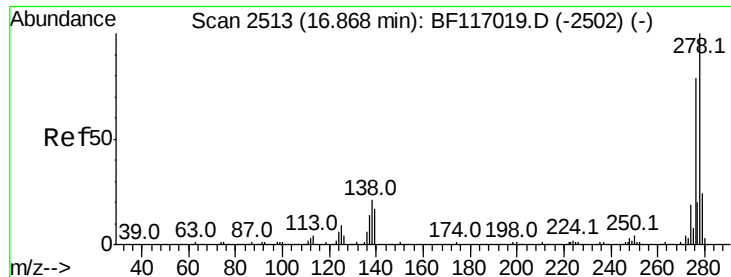
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.3	8.8	13.2



#90
Benzo(a)pyrene
Concen: 51.086 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.6	25.0
125	10.4	8.9	13.3

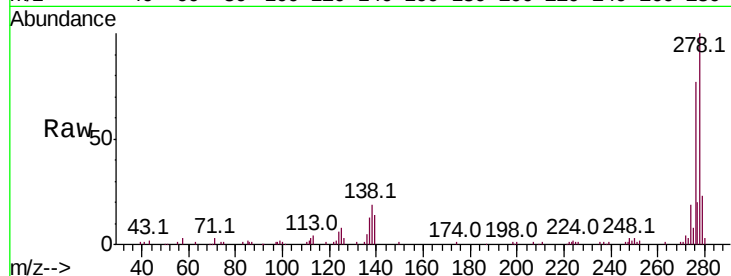




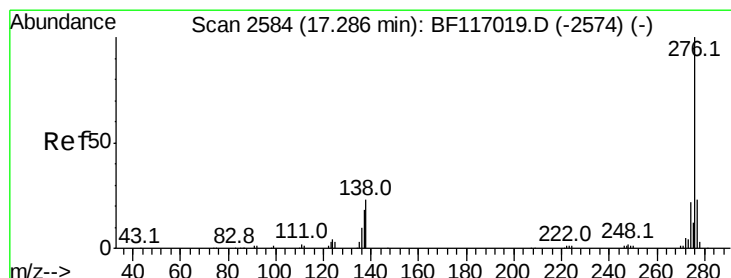
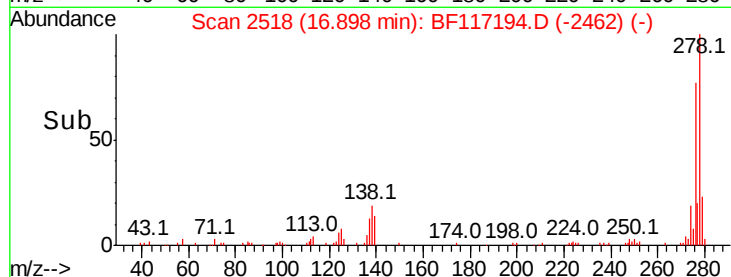
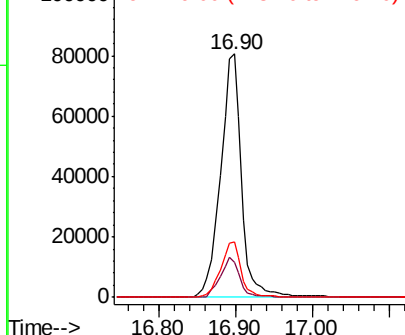
#91
Dibenzo(a,h)anthracene
Concen: 53.426 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.03 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 151935
Ion Ratio Lower Upper
278 100
139 14.5 13.5 20.3
279 23.0 18.8 28.2

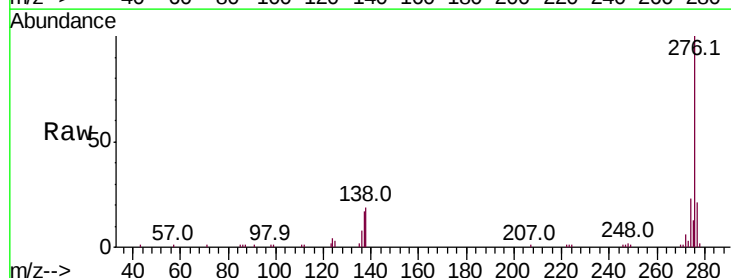


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.644 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.04 min
Lab File: BF117194.D
Acq: 20 Sep 2019 19:10

Tgt Ion:276 Resp: 137851
Ion Ratio Lower Upper
276 100
277 20.9 18.6 27.8
138 19.4 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

