

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117050.D
 Acq On : 16 Sep 2019 9:28
 Operator : HP/JU
 Sample : PB123054BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 16 11:37:38 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	71782	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	302185	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	157191	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	259078	20.00	ng	0.00
76) Chrysene-d12	13.97	240	170399	20.00	ng	0.00
87) Perylene-d12	15.41	264	134328	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	511356	111.22	ng	0.02
7) Phenol-d6	6.46	99	667205	112.29	ng	0.00
23) Nitrobenzene-d5	7.39	82	397570	69.13	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	151658	115.44	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	714970	71.12	ng	0.00
79) Terphenyl-d14	12.92	244	686376	75.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	76106	39.558	ng	98
3) Pyridine	3.40	79	168648	32.026	ng	99
4) n-Nitrosodimethylamine	3.34	42	75459	41.756	ng	98
6) Aniline	6.49	93	253968	33.197	ng	97
8) 2-Chlorophenol	6.62	128	224045	45.170	ng	96
9) Benzaldehyde	6.37	77	124907	42.711	ng	95
10) Phenol	6.47	94	284918	43.496	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	207864	43.176	ng	99
12) 1,3-Dichlorobenzene	6.77	146	228494	41.053	ng	97
13) 1,4-Dichlorobenzene	6.84	146	232337	40.904	ng	98
14) 1,2-Dichlorobenzene	7.00	146	224019	42.361	ng	98
15) Benzyl Alcohol	6.97	79	204457	44.871	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	199587	41.961	ng	97
17) 2-Methylphenol	7.08	107	187723	45.159	ng	97
18) Hexachloroethane	7.33	117	91740	41.984	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	161666	44.681	ng	97
20) 3+4-Methylphenols	7.23	107	233879	45.168	ng	# 88
22) Acetophenone	7.23	105	327130	42.608	ng	96
24) Nitrobenzene	7.40	77	247436	43.566	ng	98
25) Isophorone	7.65	82	451353	44.324	ng	100
26) 2-Nitrophenol	7.72	139	113686	46.601	ng	97
27) 2,4-Dimethylphenol	7.76	122	193847	50.107	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	266115	42.416	ng	99
29) 2,4-Dichlorophenol	7.96	162	179913	44.383	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	181485	41.440	ng	99
31) Naphthalene	8.13	128	634438	43.654	ng	99
32) Benzoic acid	7.89	122	102401	36.833	ng	99
33) 4-Chloroaniline	8.17	127	166326	25.803	ng	97
34) Hexachlorobutadiene	8.25	225	103292	41.571	ng	98
35) Caprolactam	8.54	113	31210	22.747	ng	93
36) 4-Chloro-3-methylphenol	8.66	107	215566	45.607	ng	97
37) 2-Methylnaphthalene	8.82	142	434230	44.370	ng	100
38) 1-Methylnaphthalene	8.92	142	401784	43.835	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	168312	41.465	ng	98

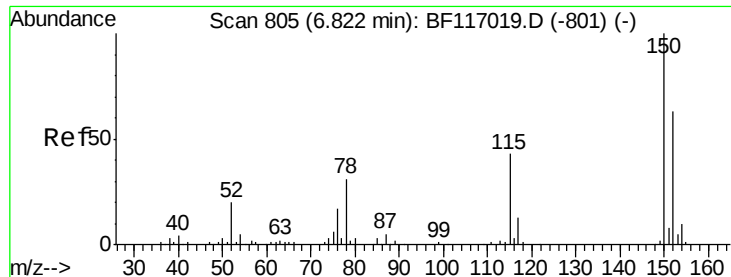
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117050.D
 Acq On : 16 Sep 2019 9:28
 Operator : HP/JU
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Instrument :
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 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	158321	87.431	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	116411	42.260	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	129190	43.896	ng	96
46) 1,1'-Biphenyl	9.27	154	519209	42.109	ng	99
47) 2-Chloronaphthalene	9.30	162	406002	41.722	ng	99
48) 2-Nitroaniline	9.40	65	128707	41.236	ng	99
49) Acenaphthylene	9.72	152	638330	43.788	ng	99
50) Dimethylphthalate	9.57	163	469480	42.182	ng	100
51) 2,6-Dinitrotoluene	9.64	165	103149	45.504	ng	97
52) Acenaphthene	9.89	154	366373	42.397	ng	97
53) 3-Nitroaniline	9.80	138	86014	30.075	ng	98
54) 2,4-Dinitrophenol	9.92	184	78965	80.599	ng	94
55) Dibenzofuran	10.06	168	561663	44.053	ng	99
56) 4-Nitrophenol	9.98	139	155078	83.663	ng	95
57) 2,4-Dinitrotoluene	10.05	165	135747	46.134	ng	95
58) Fluorene	10.40	166	450449	43.859	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	99572	44.212	ng	97
60) Diethylphthalate	10.27	149	471142	43.027	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	192663	43.357	ng	100
62) 4-Nitroaniline	10.42	138	121864	40.972	ng	94
63) Azobenzene	10.55	77	488358	43.668	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	54732	46.600	ng	96
66) n-Nitrosodiphenylamine	10.51	169	396168	44.277	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	113404	42.862	ng	99
68) Hexachlorobenzene	10.96	284	117624	40.646	ng	96
69) Atrazine	11.03	200	111893	52.592	ng	99
70) Pentachlorophenol	11.15	266	124789	91.994	ng	99
71) Phenanthrene	11.36	178	627987	42.675	ng	99
72) Anthracene	11.42	178	658950	43.861	ng	99
73) Carbazole	11.56	167	614448	43.088	ng	99
74) Di-n-butylphthalate	11.89	149	745071	43.914	ng	99
75) Fluoranthene	12.55	202	644706	42.639	ng	99
77) Benzidine	12.66	184	234777	42.772	ng	99
78) Pyrene	12.77	202	643882	45.034	ng	100
80) Butylbenzylphthalate	13.38	149	297765	44.075	ng	97
81) Benzo(a)anthracene	13.96	228	485373	42.634	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	129685	35.350	ng	98
83) Chrysene	14.00	228	473335	42.629	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	392754	45.088	ng	99
85) Di-n-octyl phthalate	14.55	149	616304	44.952	ng	99
86) Indeno(1,2,3-cd)pyrene	16.85	276	348963	43.078	ng	98
88) Benzo(b)fluoranthene	15.00	252	384518	47.257	ng	98
89) Benzo(k)fluoranthene	15.03	252	369631	47.956	ng	98
90) Benzo(a)pyrene	15.35	252	350869	49.140	ng	97
91) Dibenzo(a,h)anthracene	16.86	278	295185	51.896	ng	99
92) Benzo(g,h,i)perylene	17.28	276	292710	51.642	ng	96

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

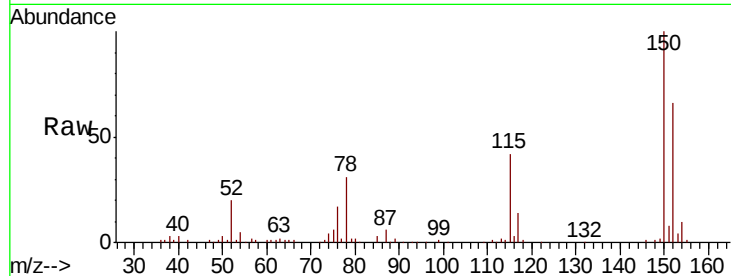


#1

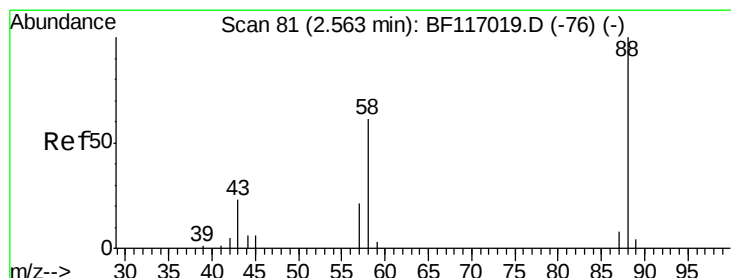
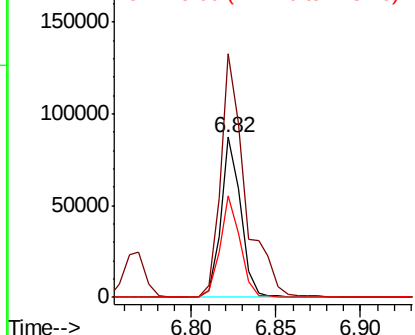
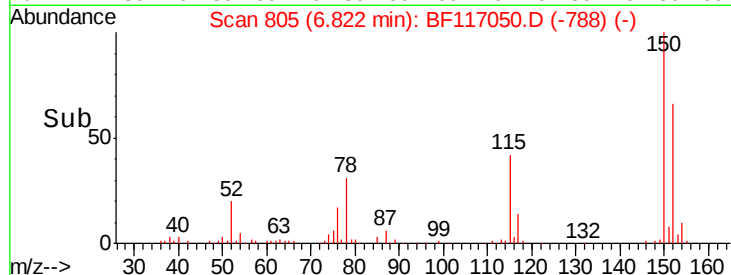
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71782
Ion Ratio Lower Upper
152 100
150 152.0 127.5 191.3
115 63.7 55.0 82.4



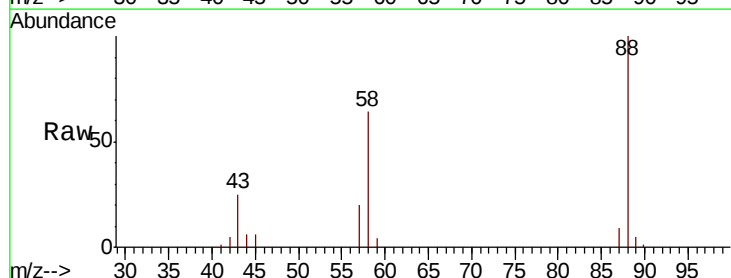
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



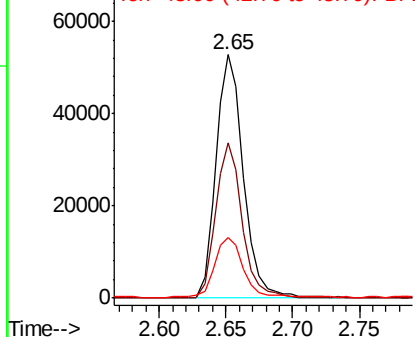
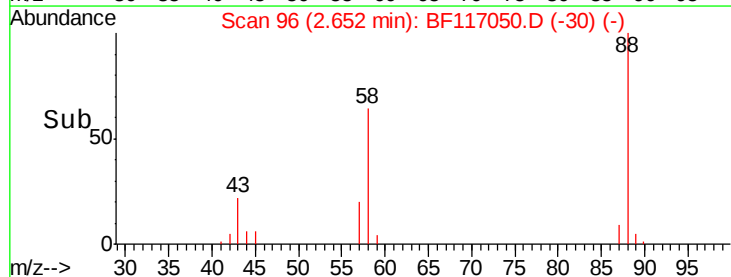
#2

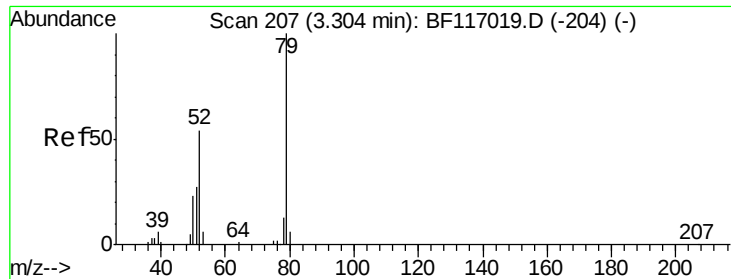
1,4-Dioxane
Concen: 39.558 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion: 88 Resp: 76106
Ion Ratio Lower Upper
88 100
58 61.2 49.3 73.9
43 26.9 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: 32.026 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.09 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

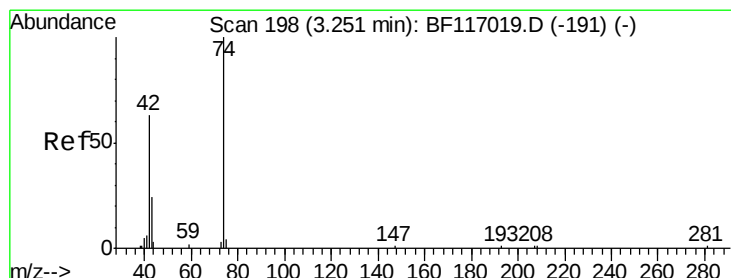
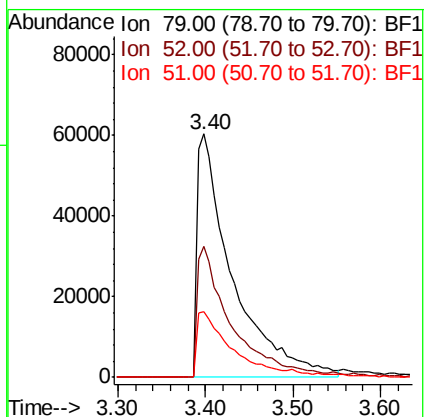
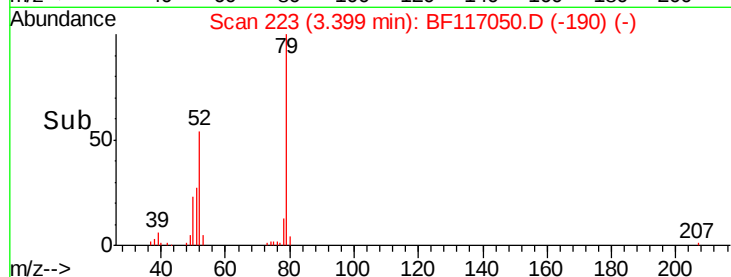
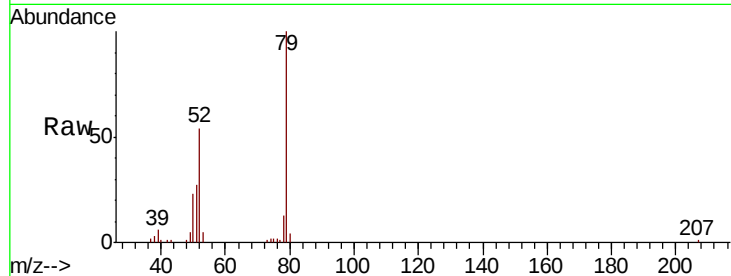
Tot Ion: 79 Resp: 168648

Ion Ratio Lower Upper

79 100

52 53.7 43.5 65.3

51 26.9 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 41.756 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.09 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

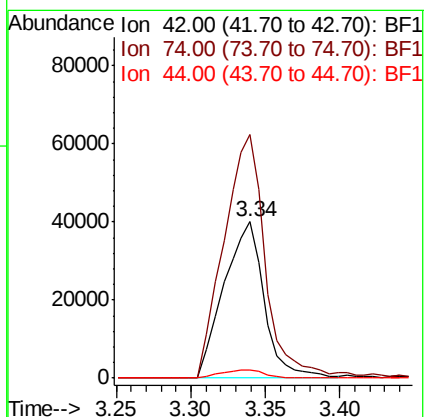
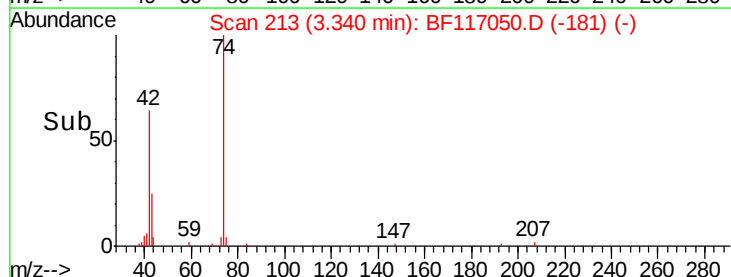
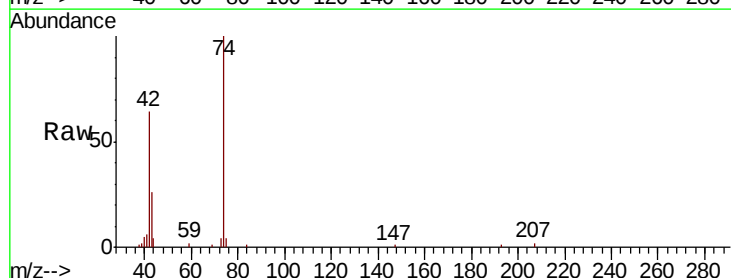
Tgt Ion: 42 Resp: 75459

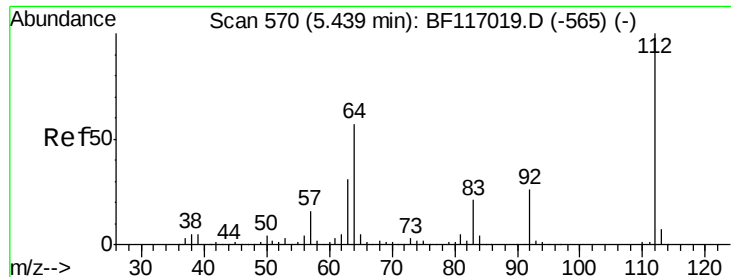
Ion Ratio Lower Upper

42 100

74 155.7 127.1 190.7

44 5.5 4.3 6.5





#5

2-Fluorophenol

Concen: 111.219 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

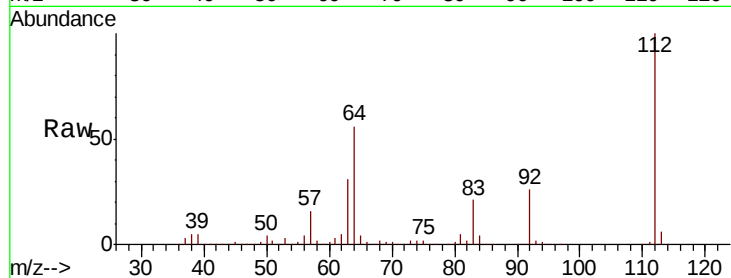
Tot Ion:112 Resp: 511356

Ion Ratio Lower Upper

112 100

64 56.4 45.7 68.5

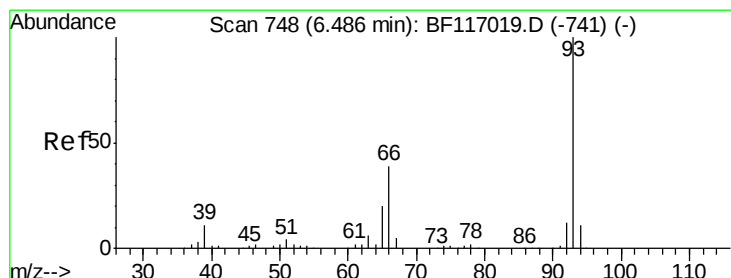
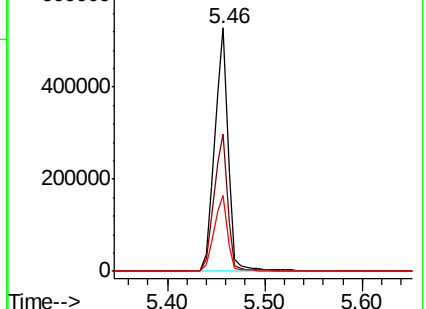
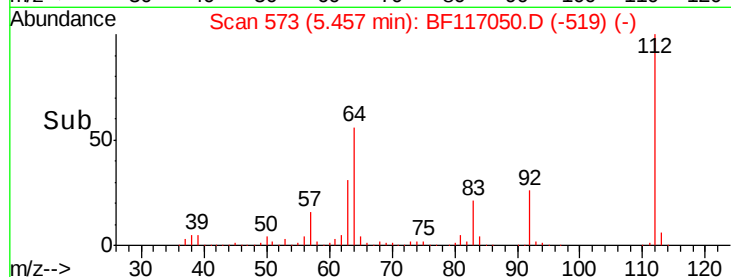
63 31.0 24.9 37.3



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: 33.197 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

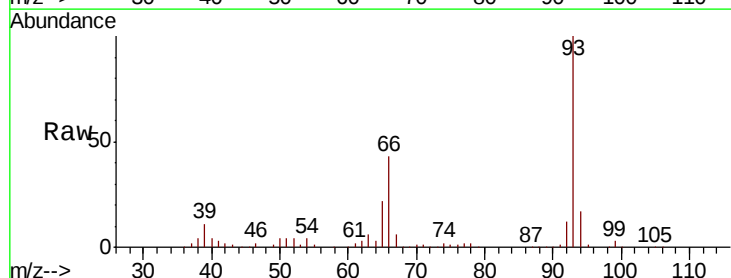
Tgt Ion: 93 Resp: 253968

Ion Ratio Lower Upper

93 100

66 43.1 32.6 49.0

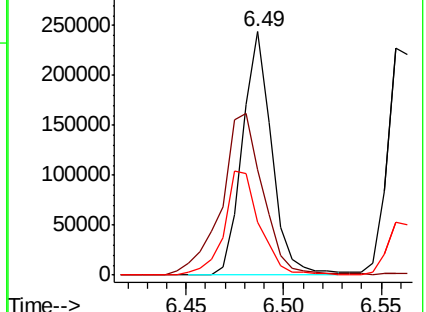
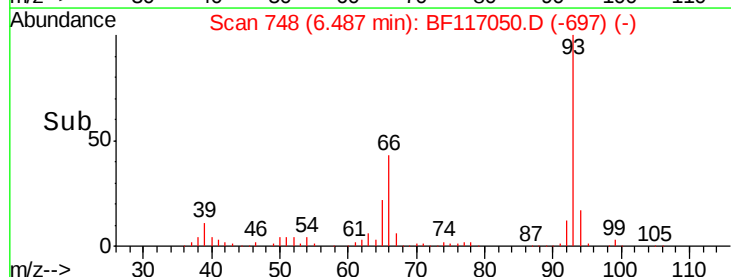
65 21.7 16.7 25.1

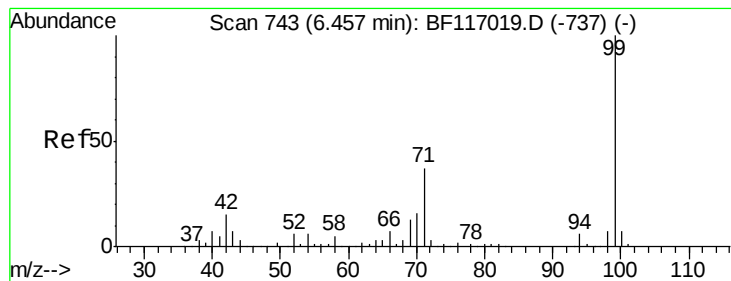


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.288 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

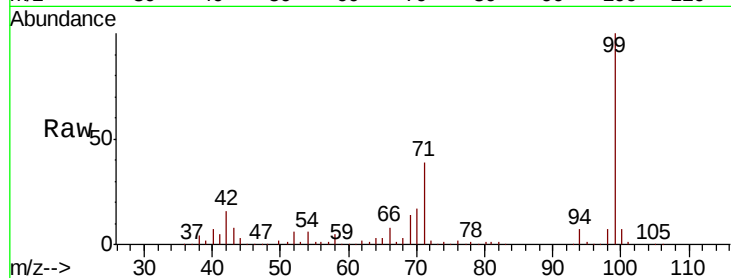
Tot Ion: 99 Resp: 667205

Ion Ratio Lower Upper

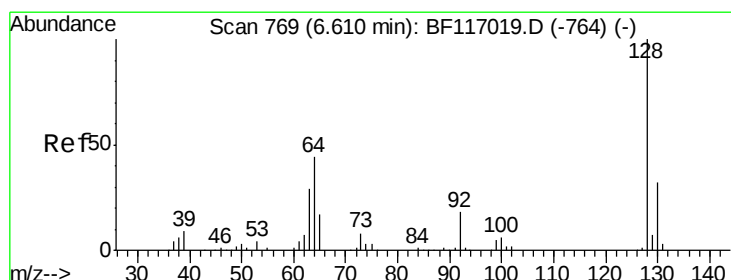
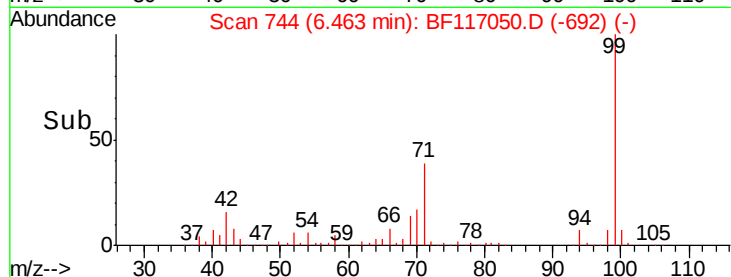
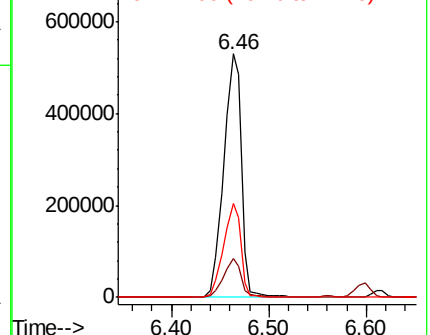
99 100

42 16.1 12.2 18.2

71 38.7 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.170 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

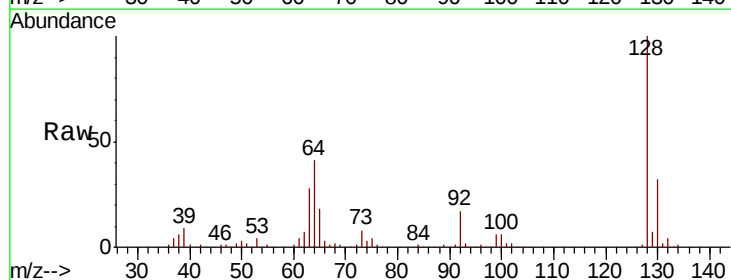
Tgt Ion:128 Resp: 224045

Ion Ratio Lower Upper

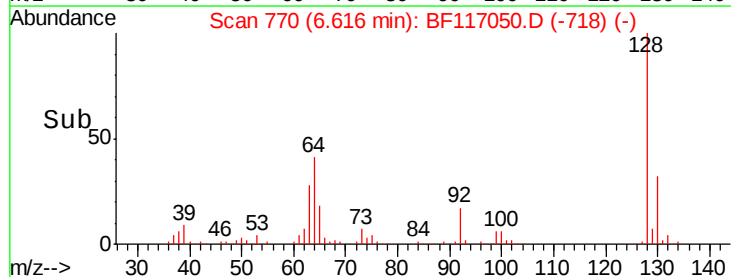
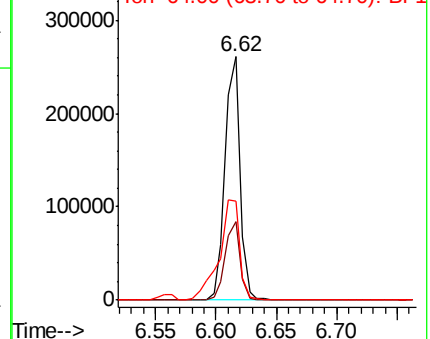
128 100

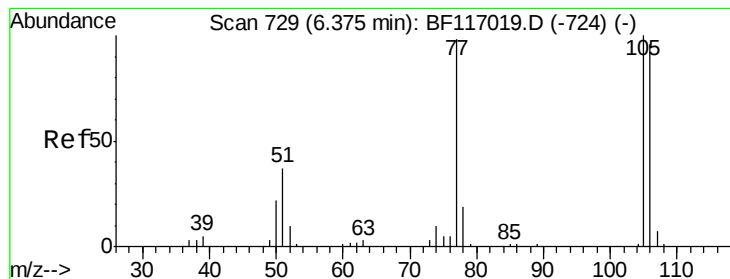
130 32.5 11.8 51.8

64 40.6 25.0 65.0



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





#9

Benzaldehyde

Concen: 42.711 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

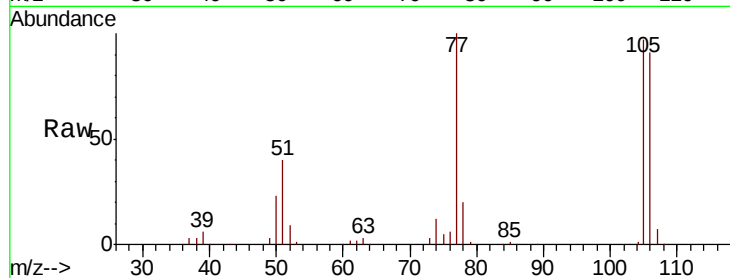
Tot Ion: 77 Resp: 124907

Ion Ratio Lower Upper

77 100

105 97.3 81.8 121.8

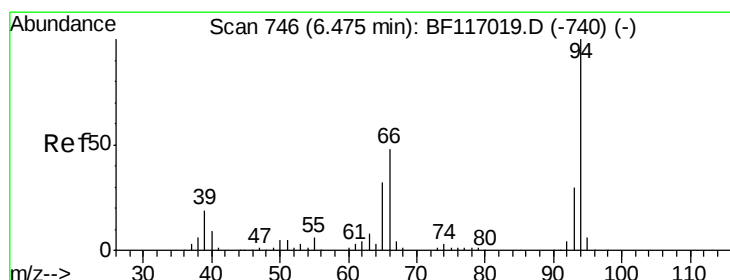
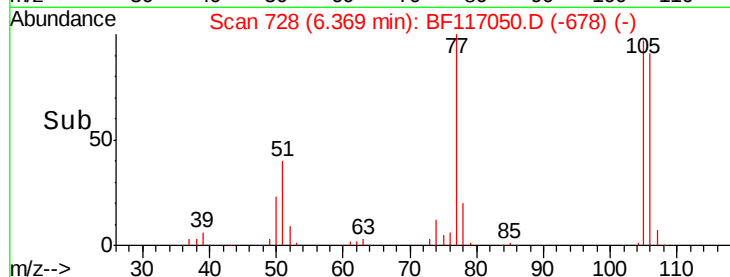
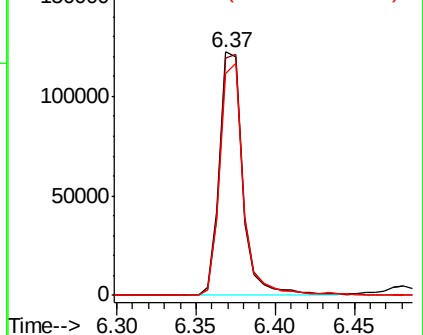
106 90.9 77.3 117.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.496 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

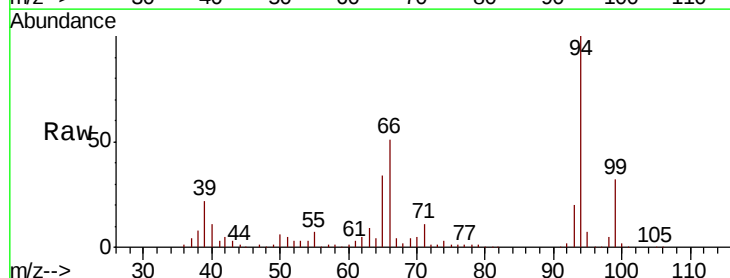
Tgt Ion: 94 Resp: 284918

Ion Ratio Lower Upper

94 100

65 34.2 12.5 52.5

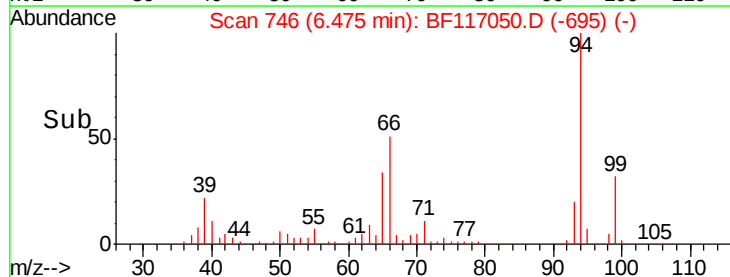
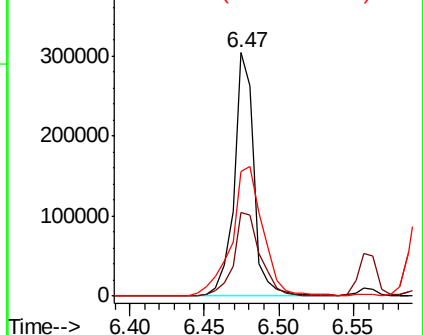
66 51.0 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

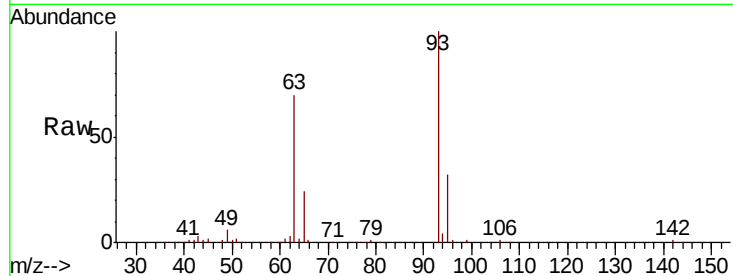




#11
bis(2-Chloroethyl)ether
Concen: 43.176 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	49.3	89.3
95	32.4	11.5	51.5

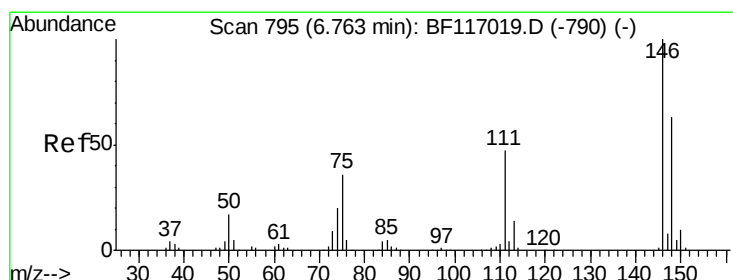
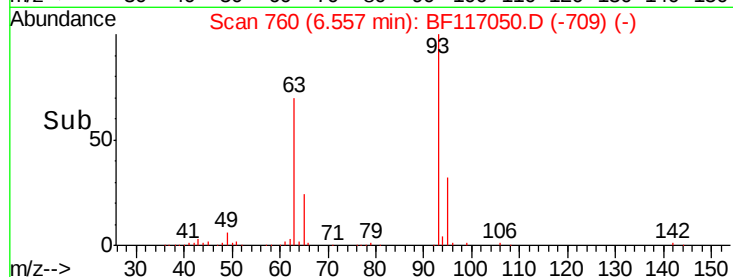
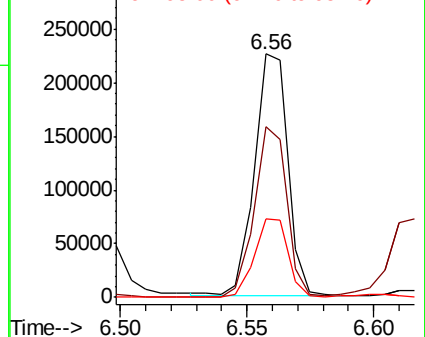


Abundance

Ion 93.00 (92.70 to 93.70): BF1

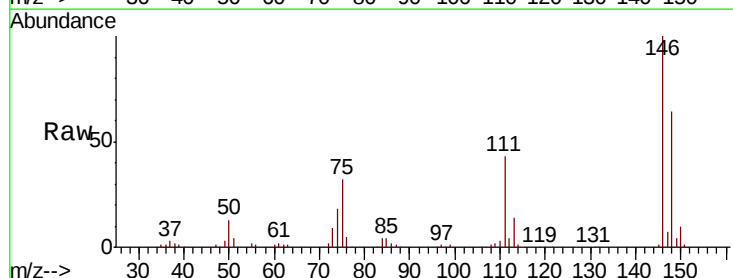
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.053 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
75	31.6	28.7	43.1

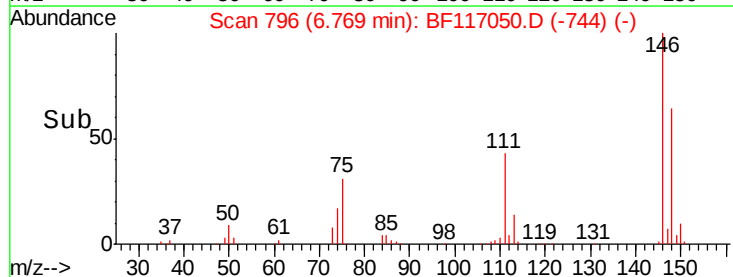
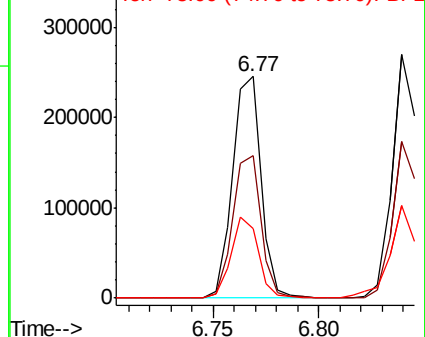


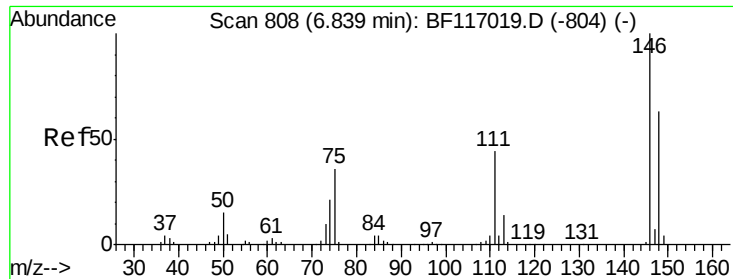
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

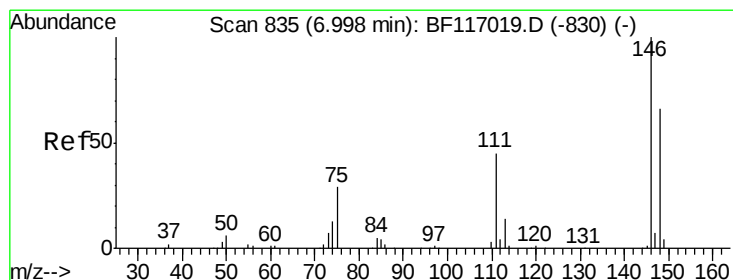
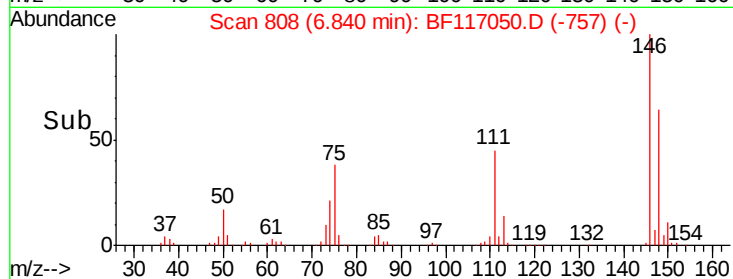
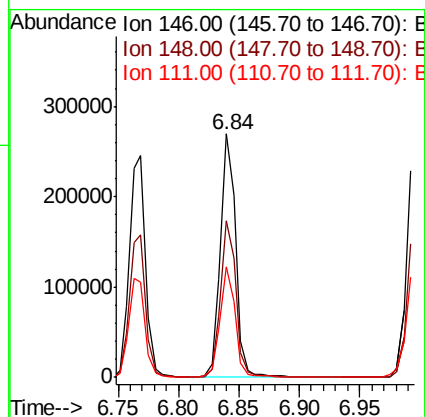
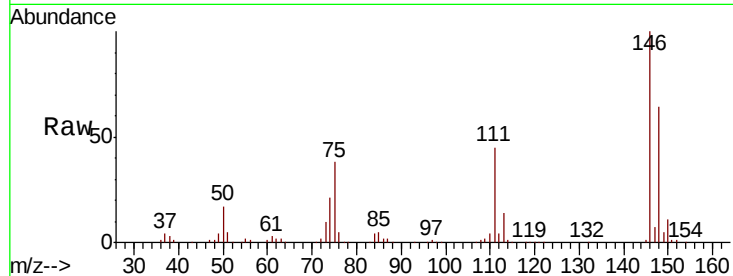




#13
 1,4-Dichlorobenzene
 Concen: 40.904 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

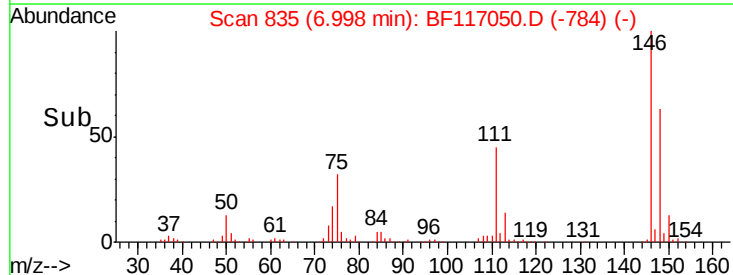
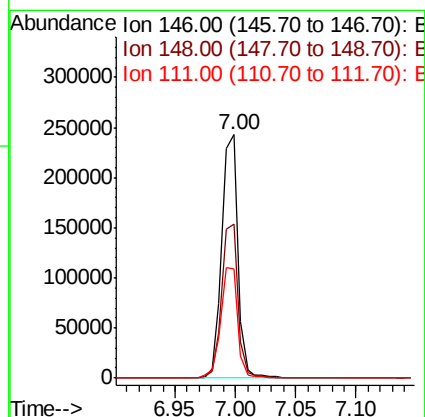
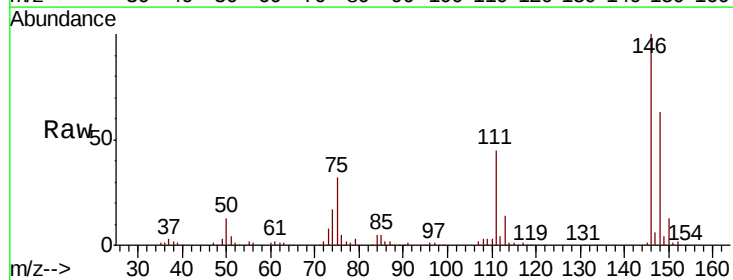
Instrument :
 BNA_F
 ClientSampleId :

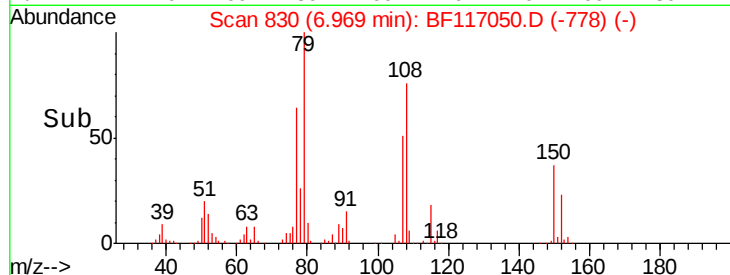
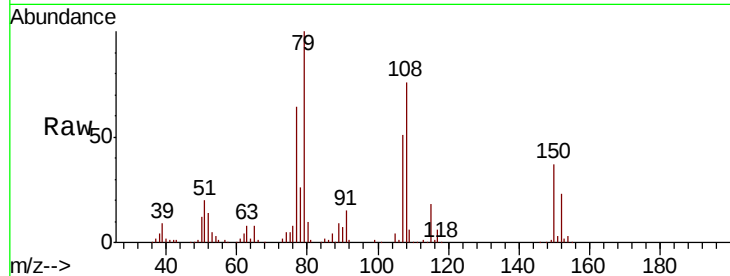
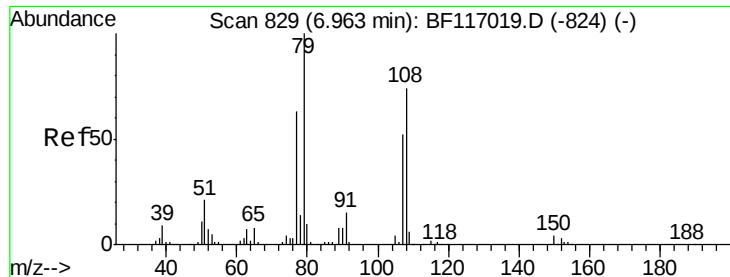
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	45.5	35.0	52.6



#14
 1,2-Dichlorobenzene
 Concen: 42.361 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	78.8
111	45.1	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.871 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

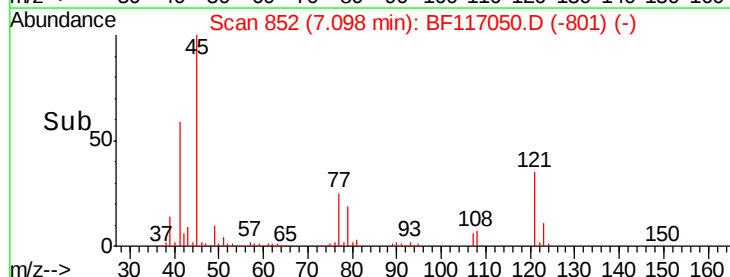
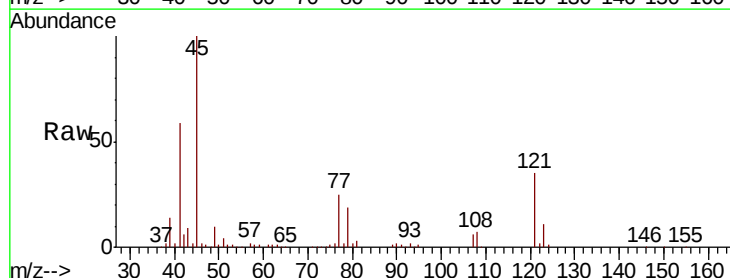
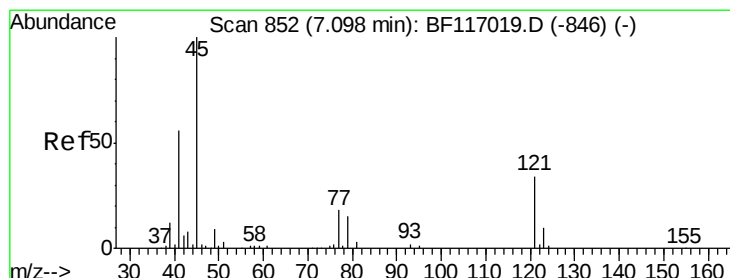
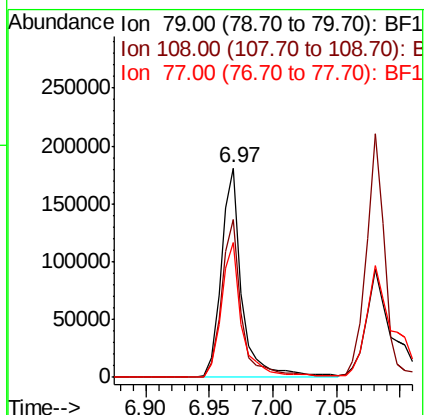
Tot Ion: 79 Resp: 204457

Ion Ratio Lower Upper

79 100

108 75.7 59.4 89.0

77 64.2 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.961 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

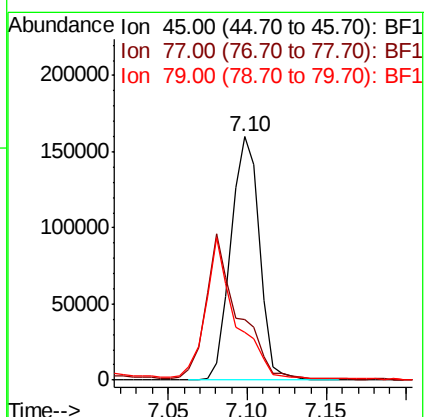
Tgt Ion: 45 Resp: 199587

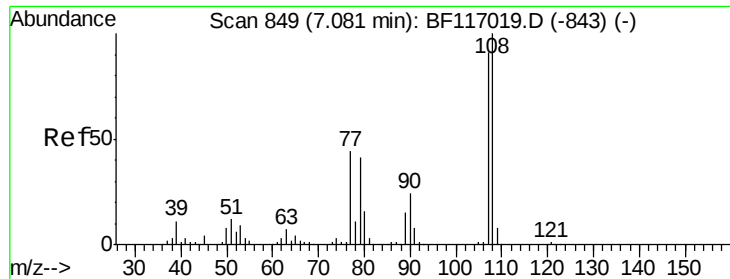
Ion Ratio Lower Upper

45 100

77 24.8 2.7 42.7

79 19.4 0.0 38.9

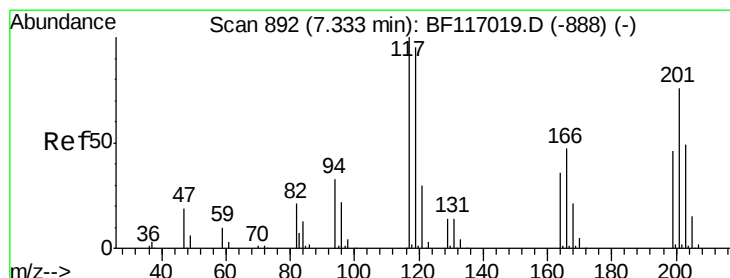
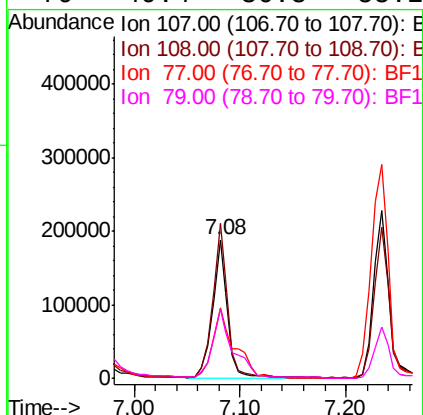
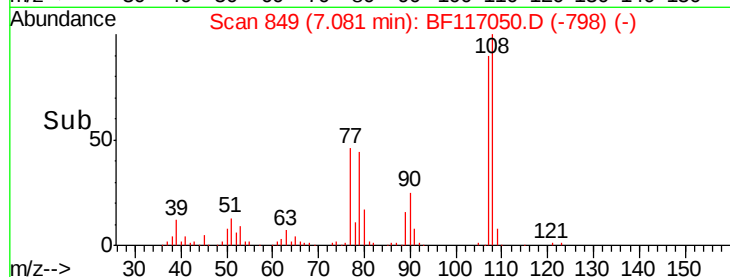
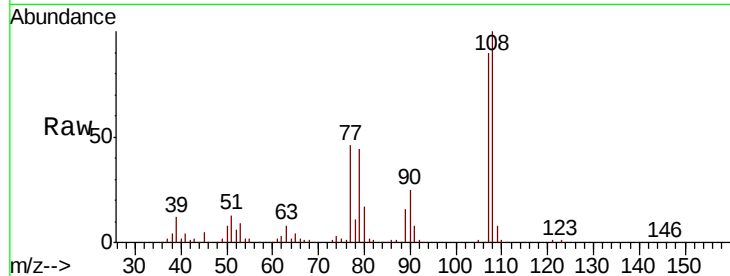




#17
2-Methylphenol
Concen: 45.159 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

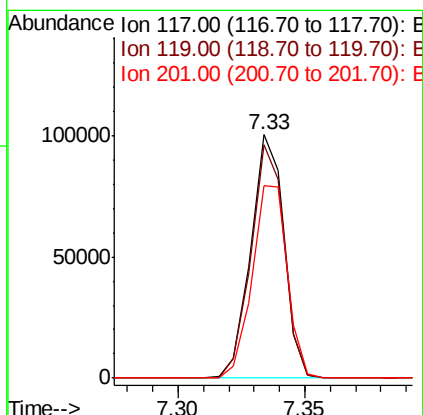
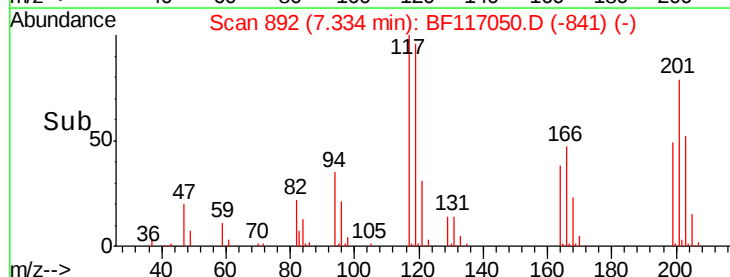
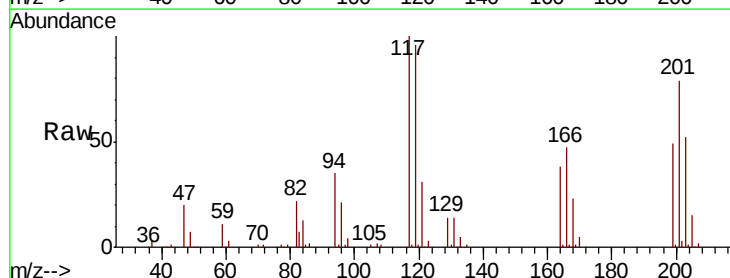
Instrument :
BNA_F
ClientSampled :

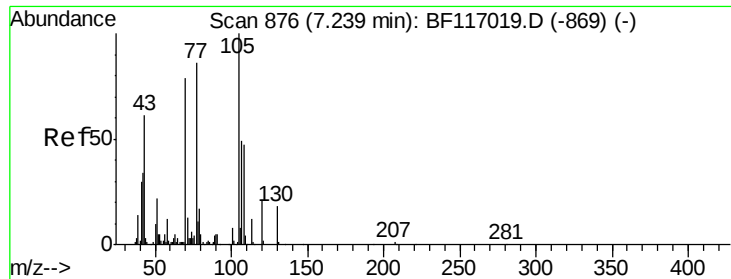
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	87.7	131.5
77	50.9	38.6	58.0
79	49.4	36.8	55.2



#18
Hexachloroethane
Concen: 41.984 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	78.9	60.9	91.3

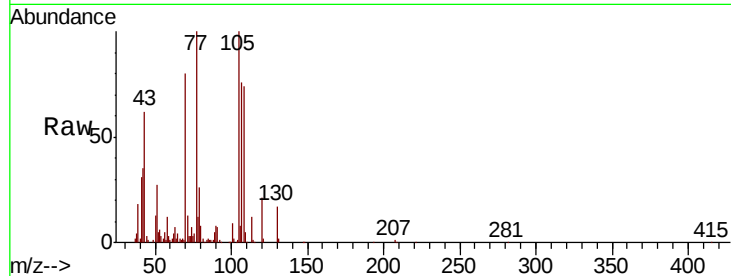




#19
n-Nitroso-di-n-propylamine
Concen: 44.681 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	161666
Ion	Ratio	Lower	Upper
70	100		
42	44.5	34.0	51.0
101	11.0	7.8	11.6
130	20.7	17.8	26.8



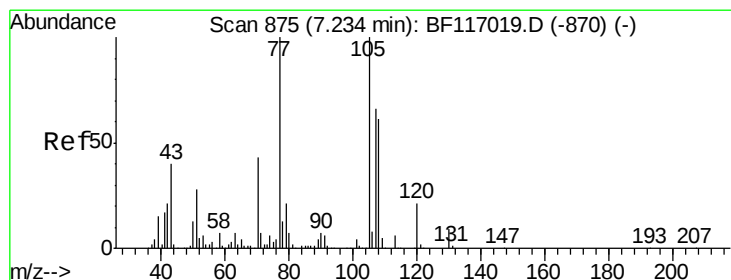
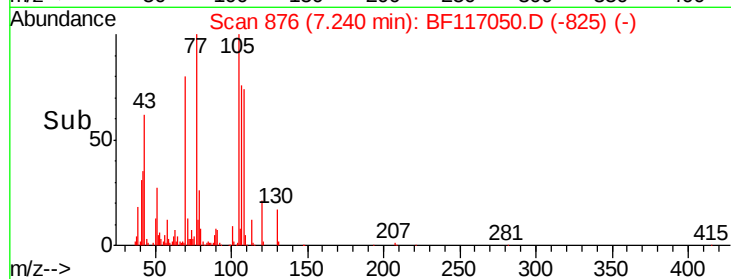
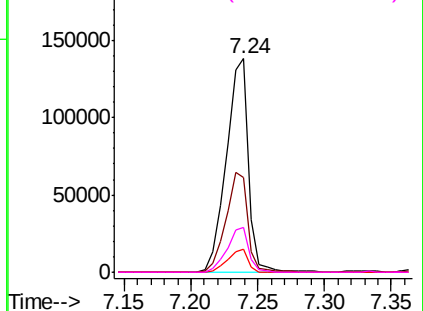
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.168 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion:	107	Resp:	233879
Ion	Ratio	Lower	Upper
107	100		
108	89.7	72.6	112.6
77	126.9	132.1	172.1#
79	30.2	12.1	52.1

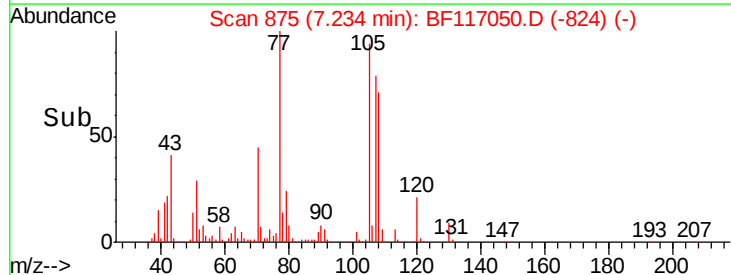
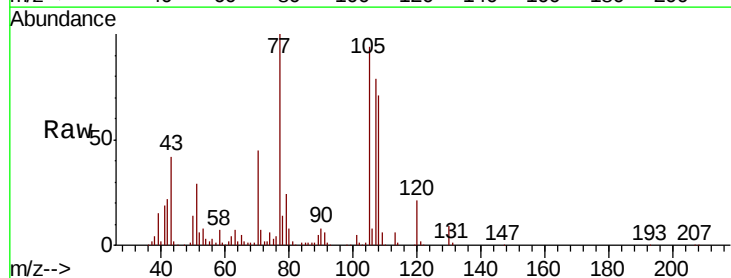
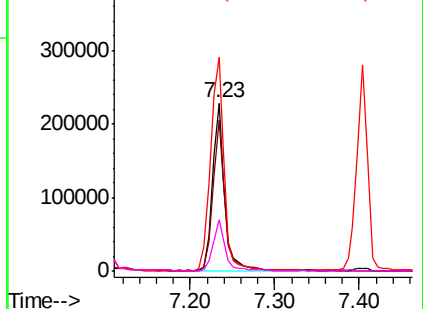
Abundance

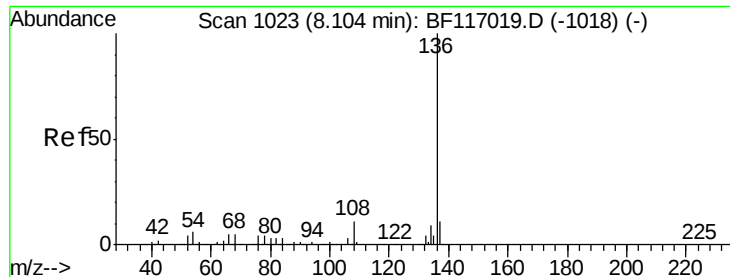
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

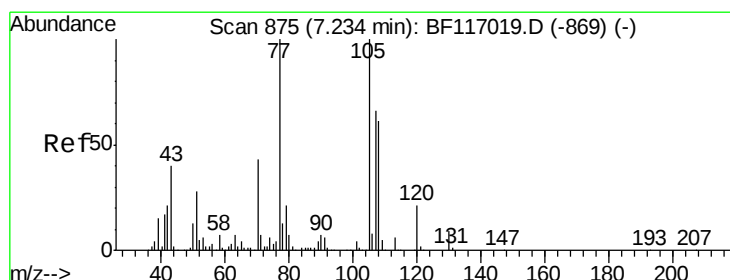
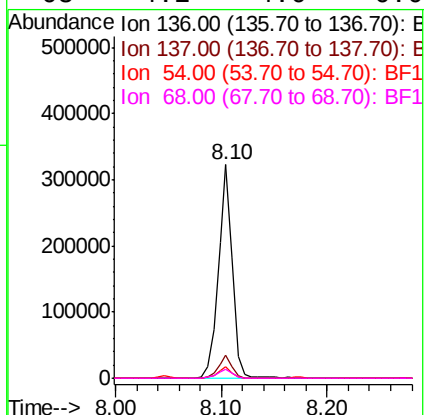
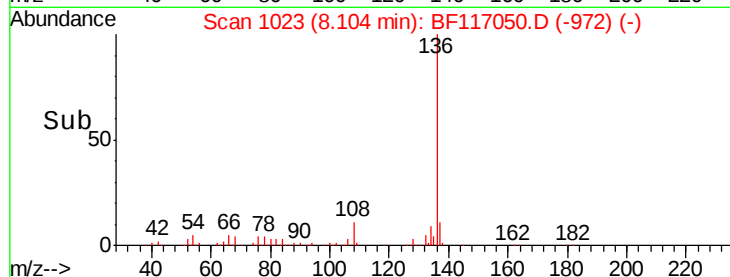
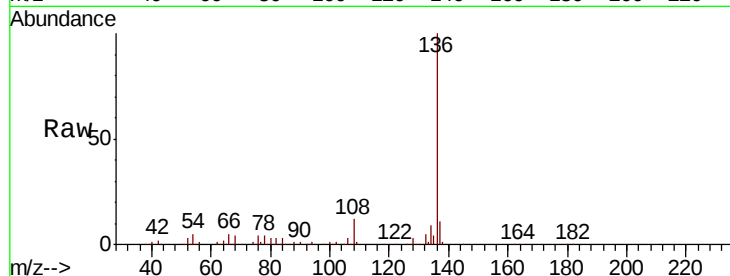




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

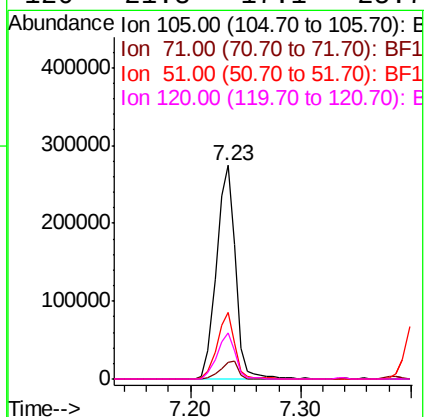
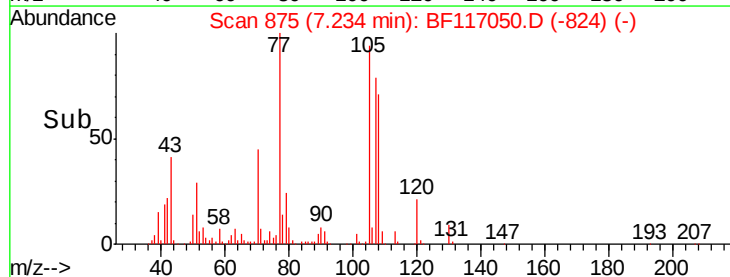
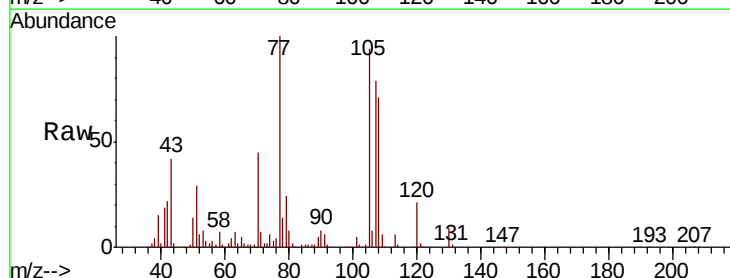
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	302185
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.4
54	5.5	4.5 6.7
68	4.2	4.0 6.0



#22
Acetophenone
Concen: 42.608 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion:105	Resp:	327130
Ion Ratio	Lower	Upper
105	100	
71	7.8	5.7 8.5
51	31.0	22.1 33.1
120	21.8	17.1 25.7

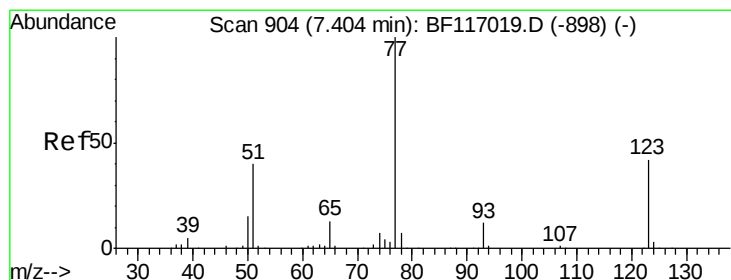
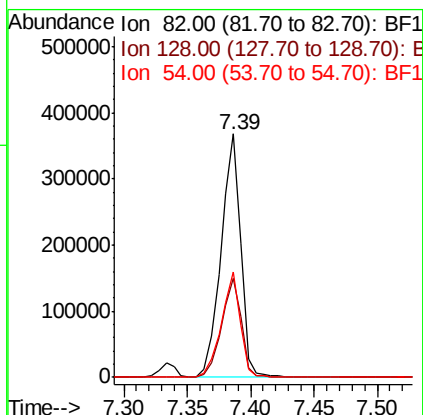
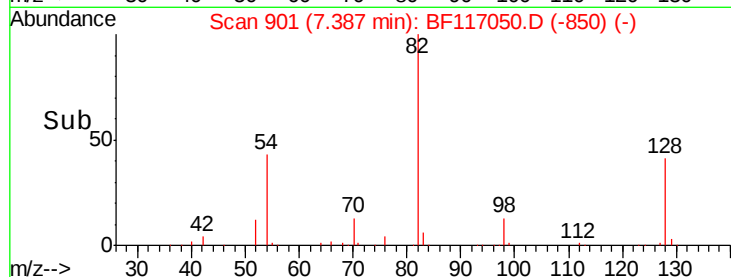
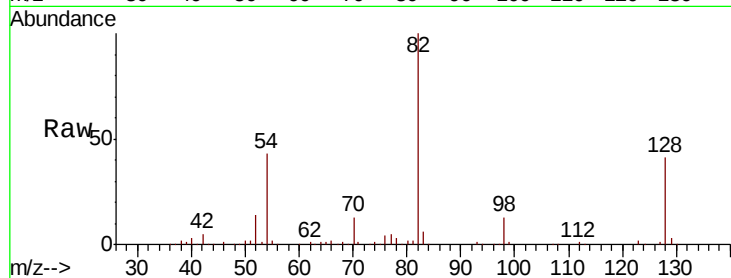




#23
Nitrobenzene-d5
Concen: 69.128 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

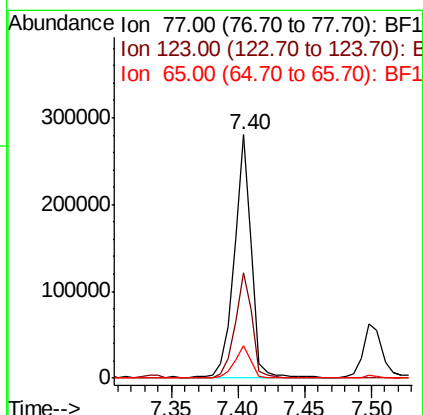
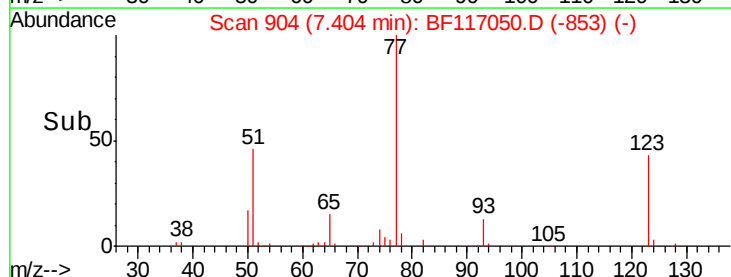
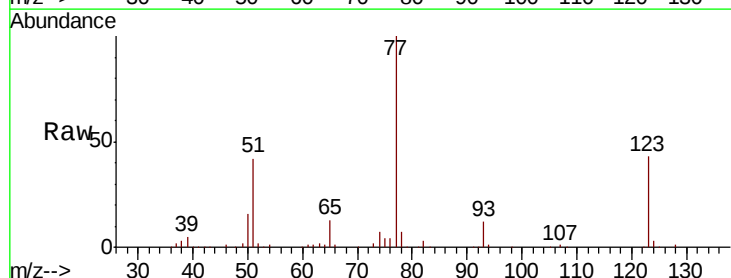
Instrument :
BNA_F
ClientSampleId :

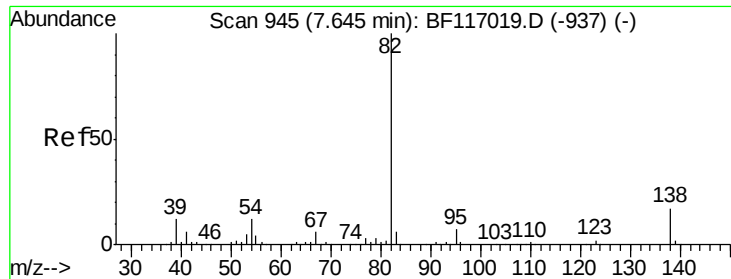
Tot Ion	82	Resp	397570
Ion Ratio	100	Lower	Upper
128	40.8	32.3	48.5
54	43.4	33.3	49.9



#24
Nitrobenzene
Concen: 43.566 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion	77	Resp	247436
Ion Ratio	100	Lower	Upper
123	43.2	33.5	50.3
65	13.2	10.5	15.7





#25

Isophorone

Concen: 44.324 ng

RT: 7.65 min Scan# 945

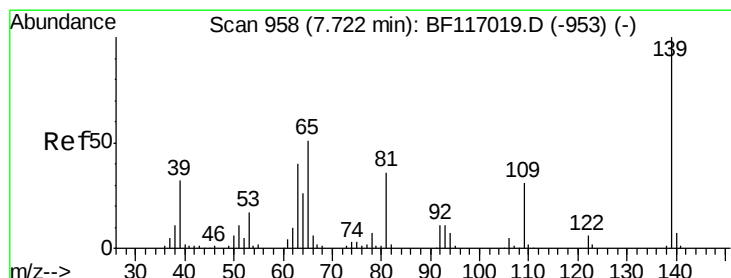
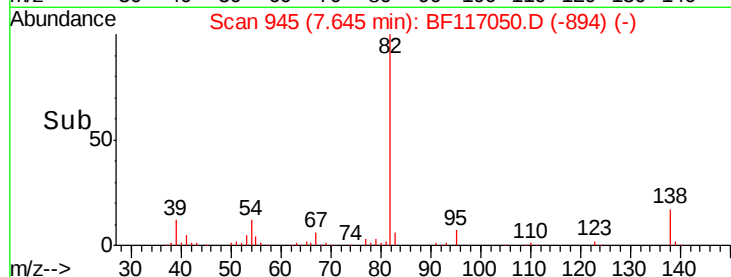
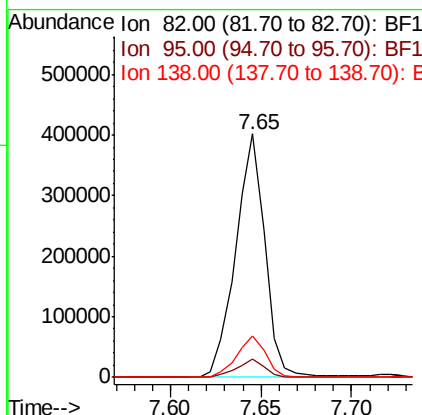
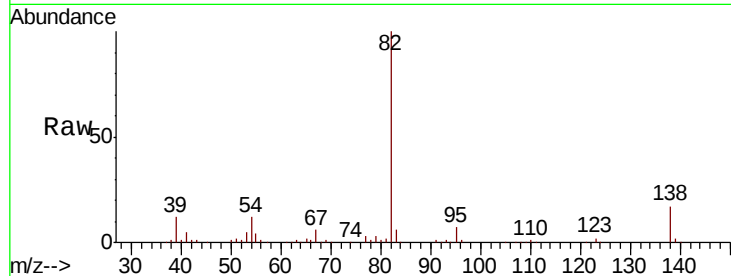
Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	82	Resp:	451353
Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.6
138	16.9	13.5	20.3



#26

2-Nitrophenol

Concen: 46.601 ng

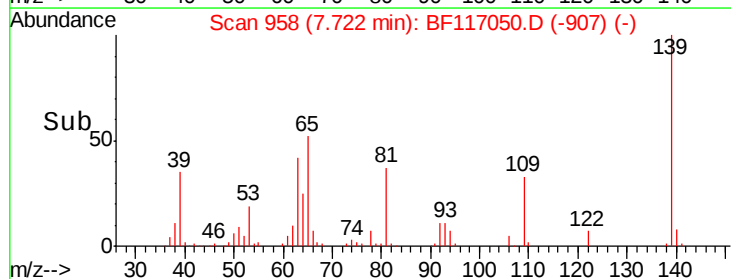
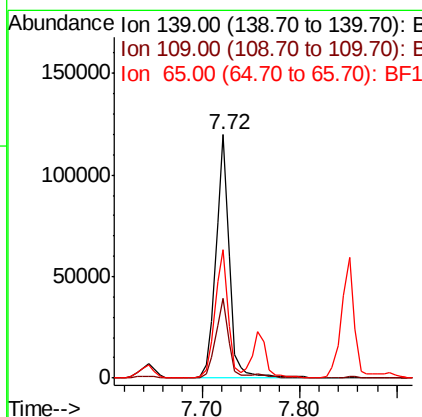
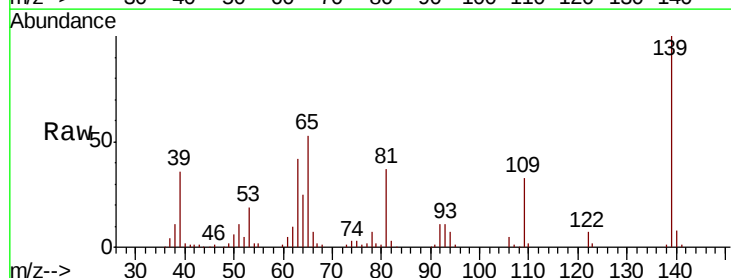
RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Tgt Ion:	139	Resp:	113686
Ion	Ratio	Lower	Upper
139	100		
109	33.0	24.6	36.8
65	52.8	40.9	61.3

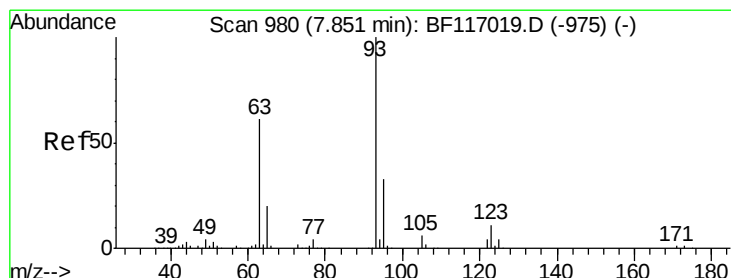
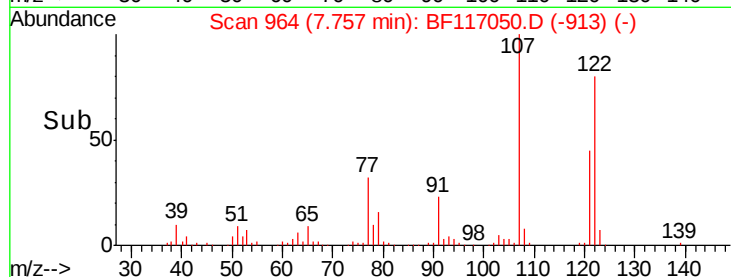
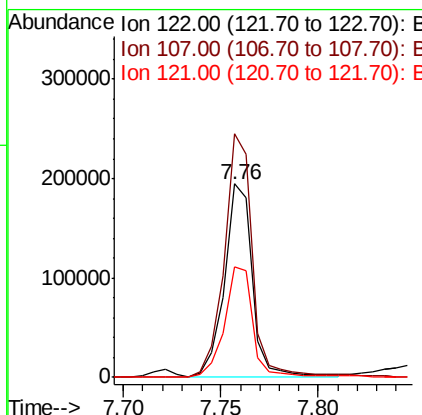
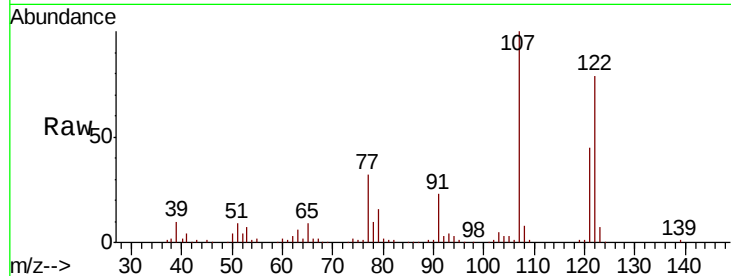




#27
 2,4-Dimethylphenol
 Concen: 50.107 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

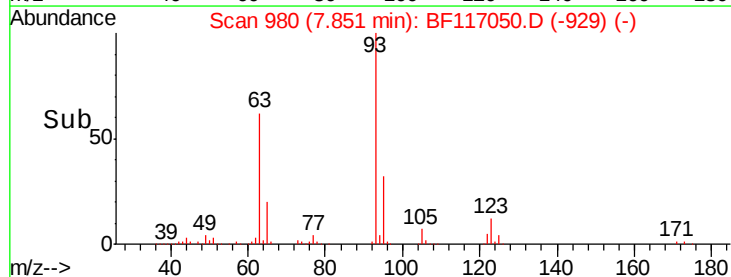
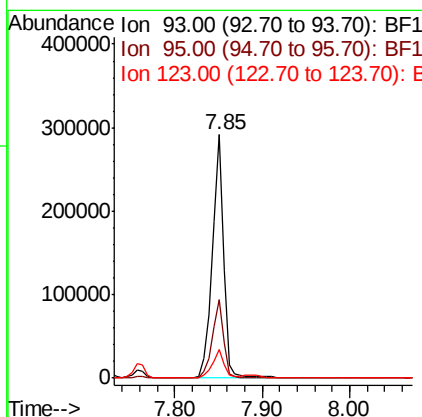
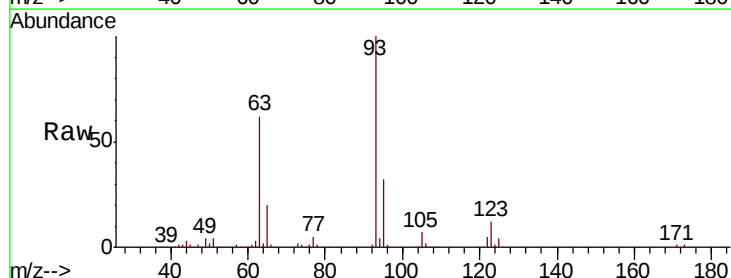
Instrument :
 BNA_F
 ClientSampleId :

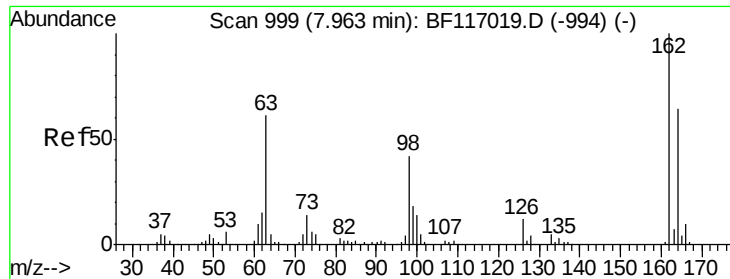
Tot Ion	Ratio	Lower	Upper
122	100		
107	125.8	98.9	148.3
121	57.0	45.3	67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.416 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.6	9.0	13.6

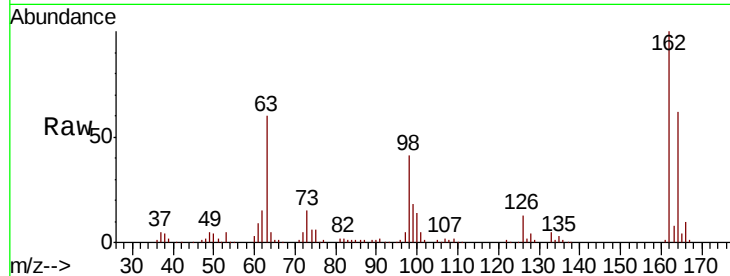




#29
 2,4-Dichlorophenol
 Concen: 44.383 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	43.8	83.8
98	41.2	22.1	62.1

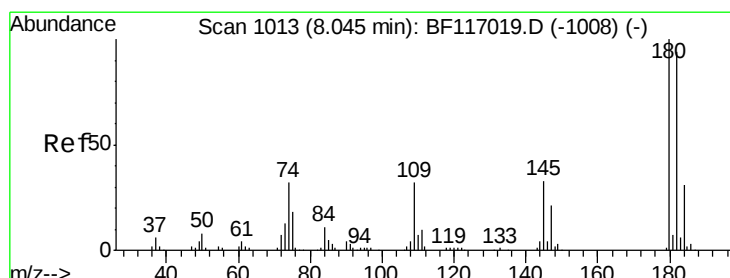
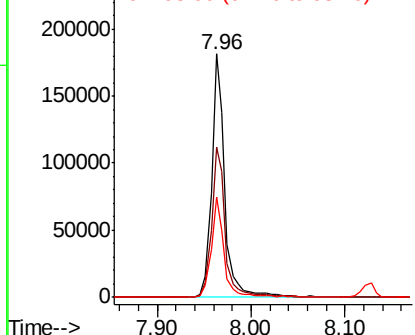
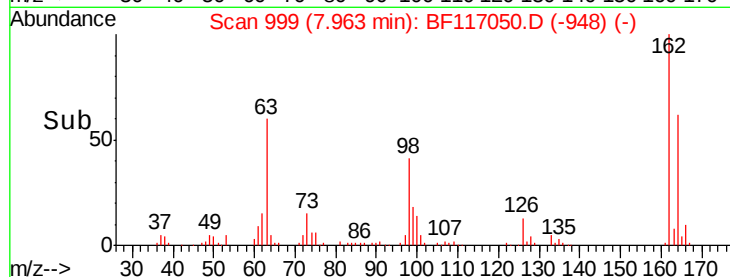


Abundance

Ion 162.00 (161.70 to 162.70): E

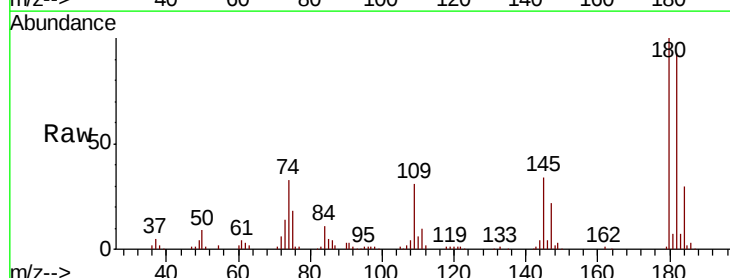
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.440 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.4	113.0
145	34.5	26.7	40.1

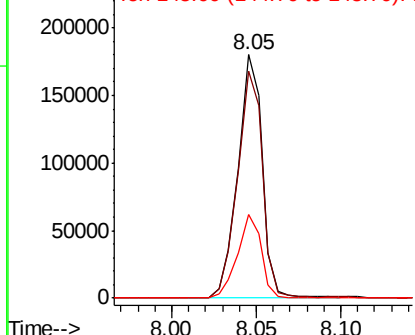
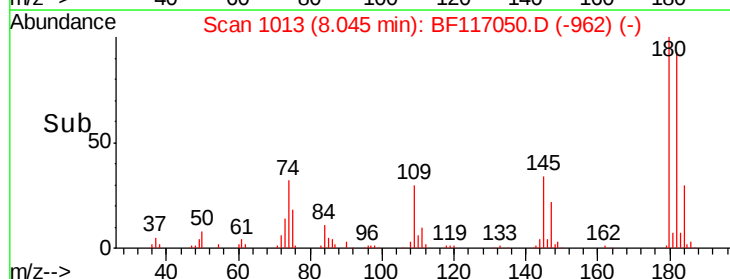


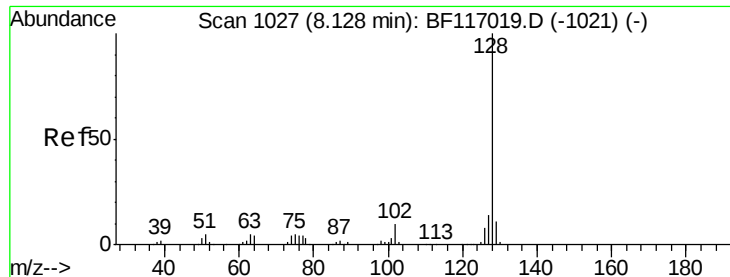
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

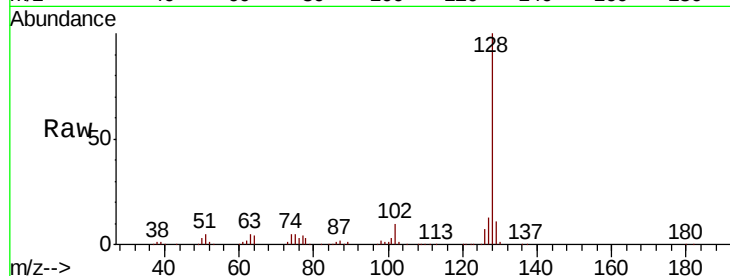




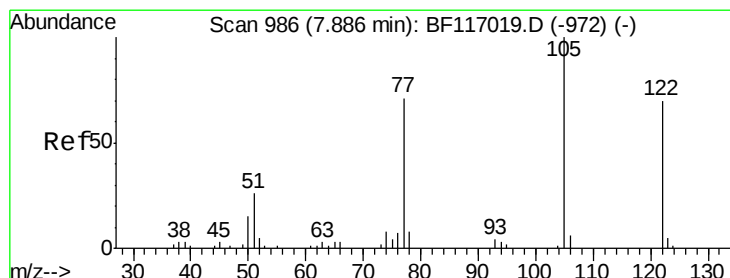
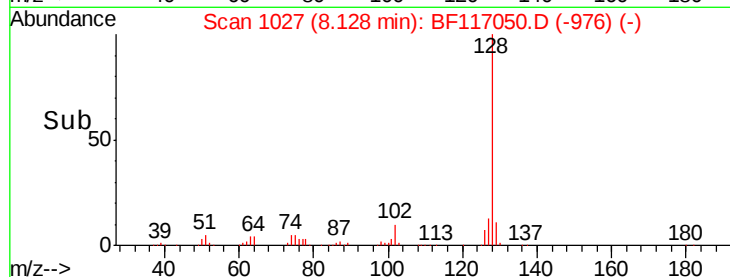
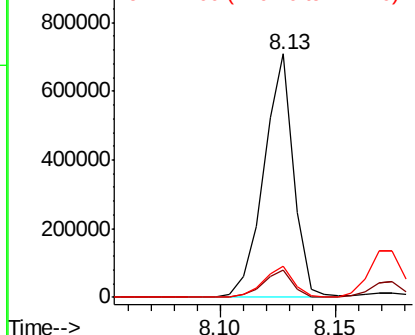
#31
Naphthalene
Concen: 43.654 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.0	10.8	16.2

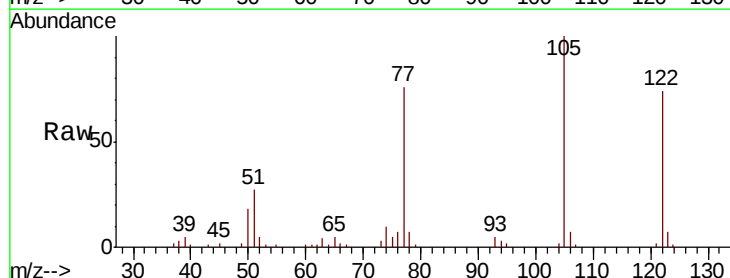


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

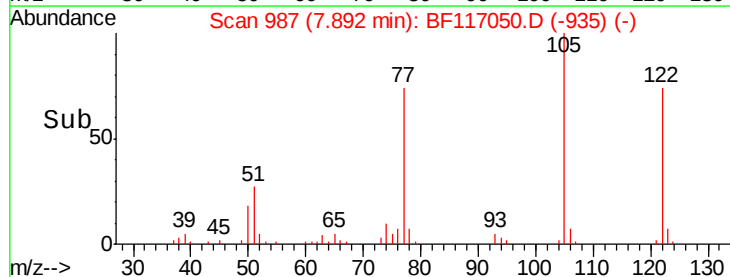
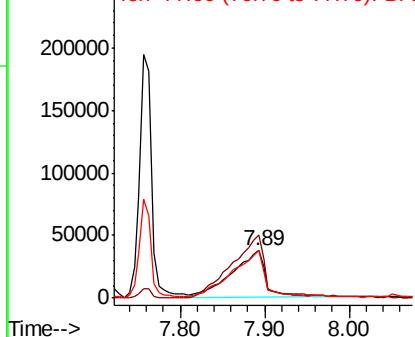


#32
Benzoic acid
Concen: 36.833 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.5	114.8	154.8
77	101.8	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

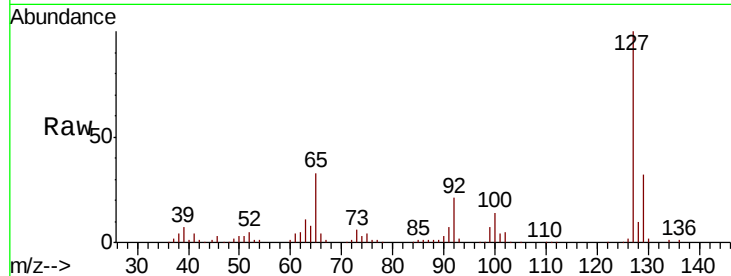




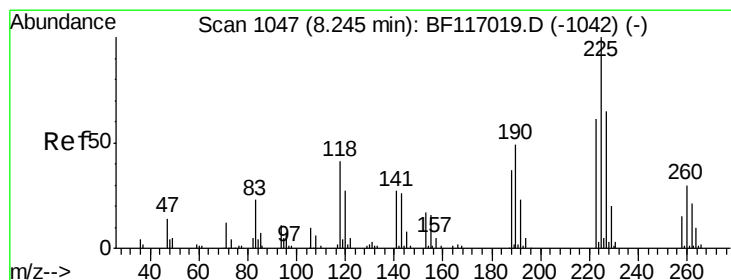
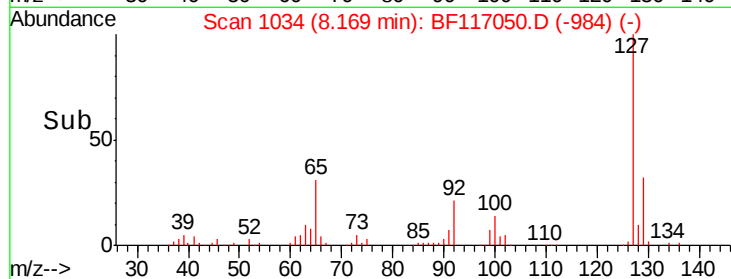
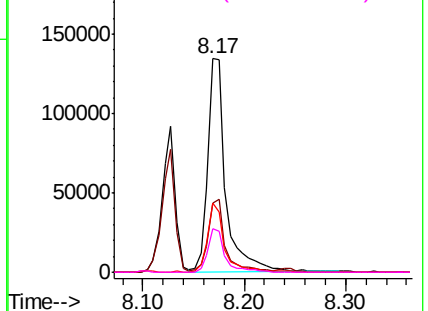
#33
4-Chloroaniline
Concen: 25.803 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	166326
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.2 39.2
65	32.6	23.5 35.3
92	20.7	15.9 23.9

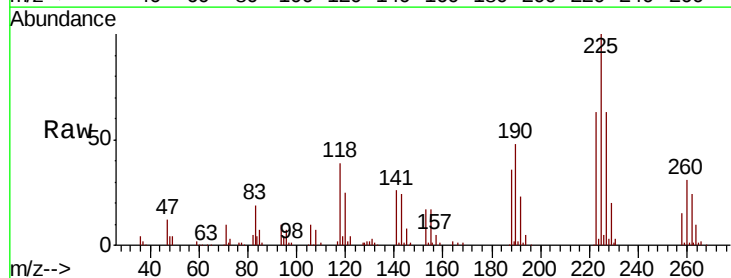


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

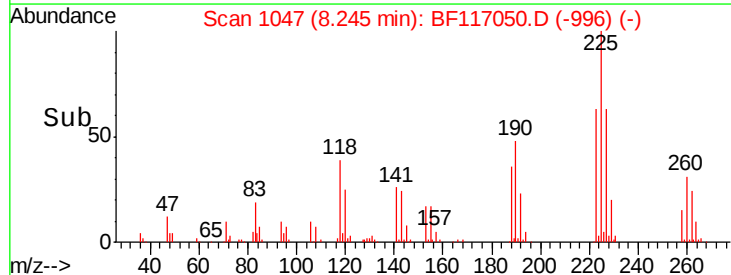
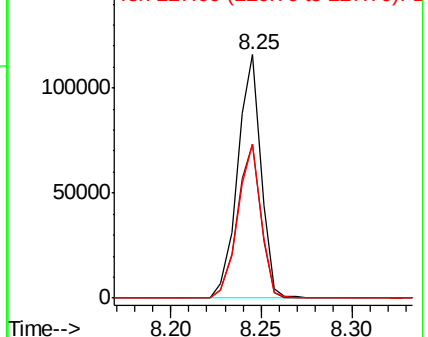


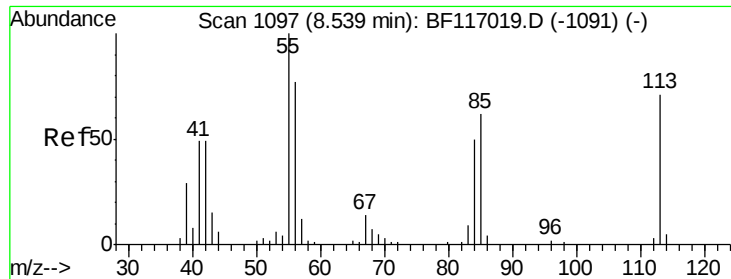
#34
Hexachlorobutadiene
Concen: 41.571 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion:225	Resp:	103292
Ion Ratio	Lower	Upper
225	100	
223	63.4	49.1 73.7
227	63.4	52.2 78.2



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

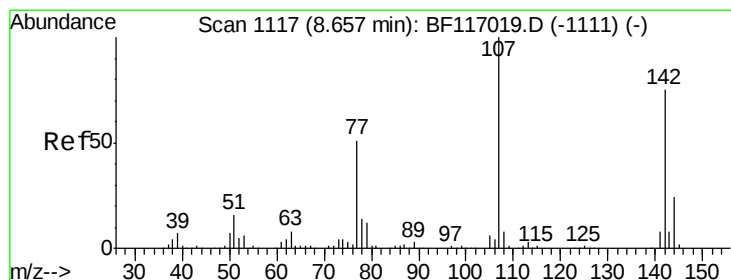
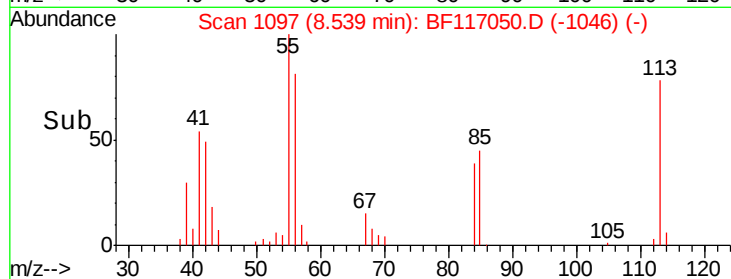
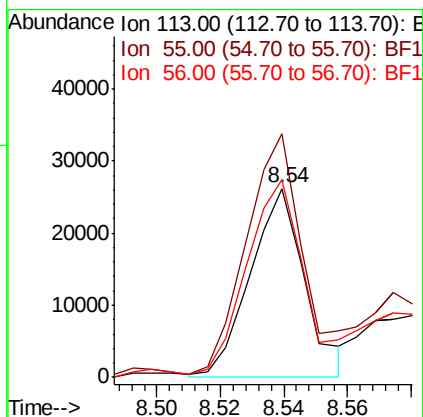
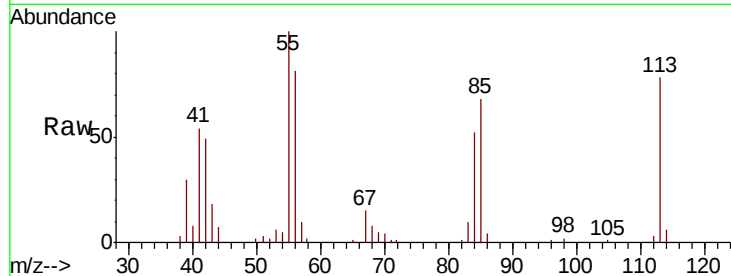




#35
Caprolactam
Concen: 22.747 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

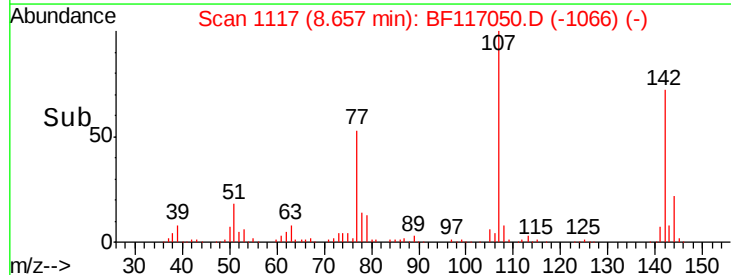
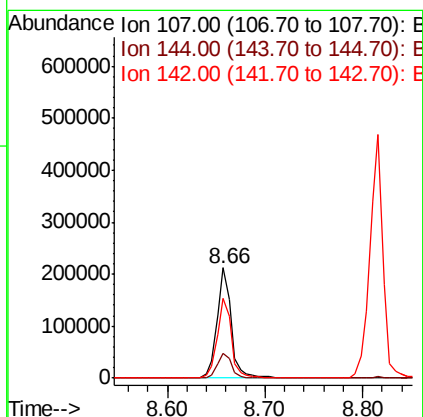
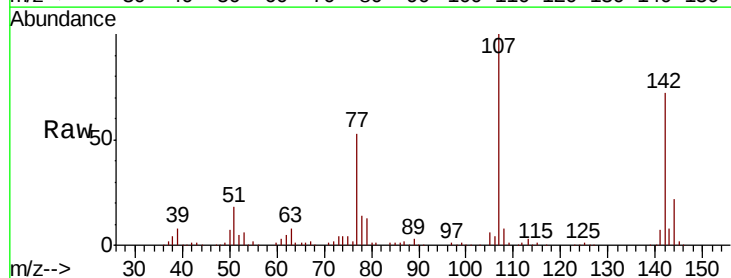
Instrument :
BNA_F
ClientSampleId :

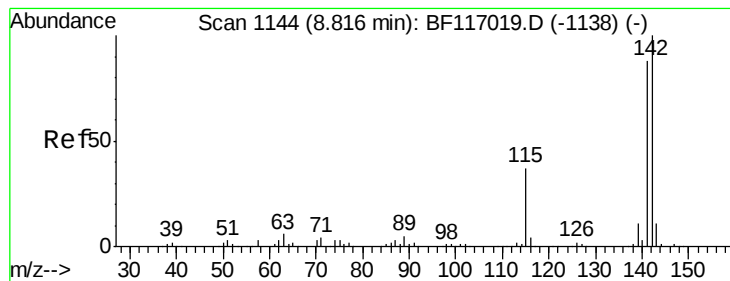
Tot Ion:113 Resp: 31210
Ion Ratio Lower Upper
113 100
55 128.9 120.6 160.6
56 104.6 88.8 128.8



#36
4-Chloro-3-methylphenol
Concen: 45.607 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion:107 Resp: 215566
Ion Ratio Lower Upper
107 100
144 22.4 19.2 28.8
142 72.3 59.6 89.4





#37

2-Methylnaphthalene

Concen: 44.370 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

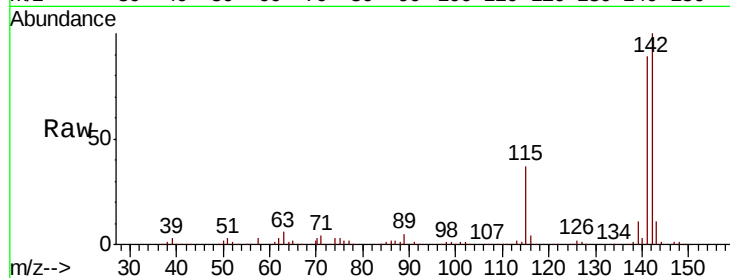
Tot Ion:142 Resp: 434230

Ion Ratio Lower Upper

142 100

141 88.7 70.7 106.1

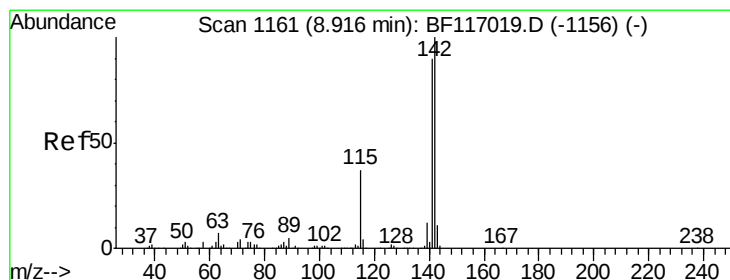
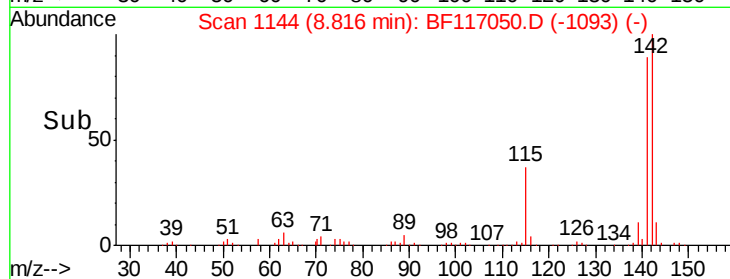
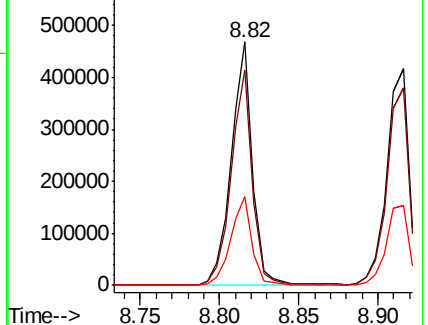
115 36.6 29.4 44.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.835 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

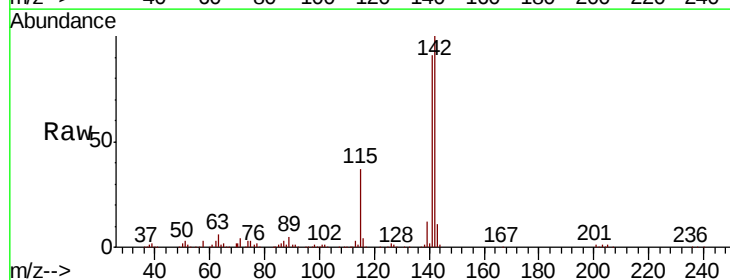
Tgt Ion:142 Resp: 401784

Ion Ratio Lower Upper

142 100

141 90.6 71.9 107.9

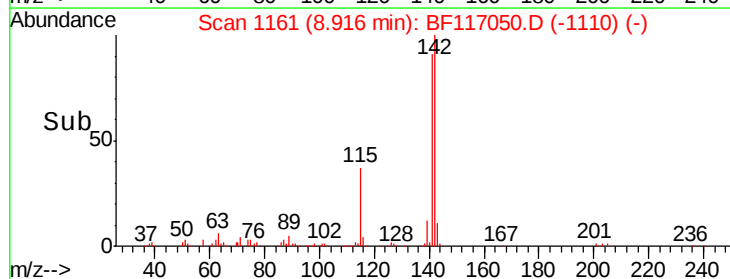
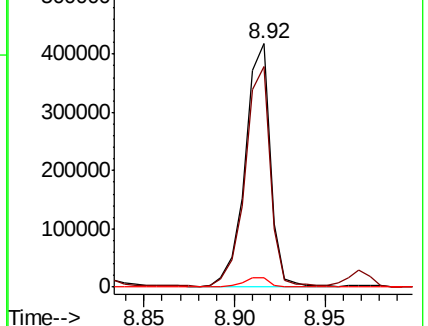
116 3.9 3.2 4.8

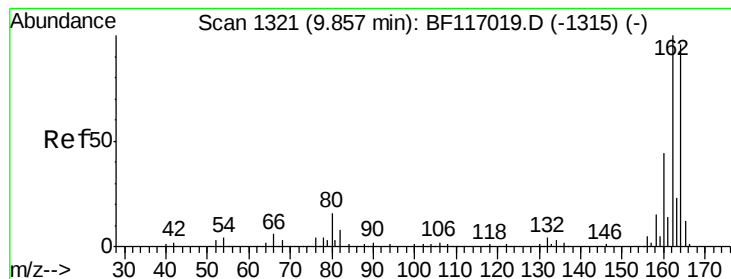


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

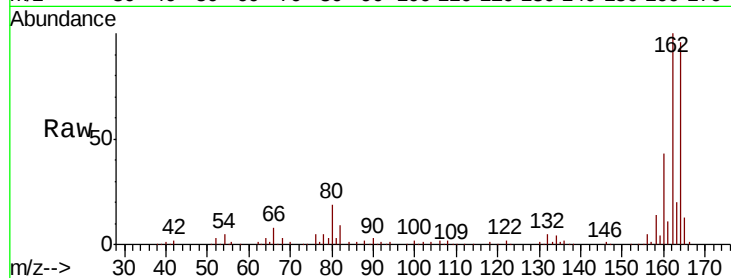
Tot Ion:164 Resp: 157191

Ion Ratio Lower Upper

164 100

162 104.3 83.4 125.2

160 44.9 36.4 54.6

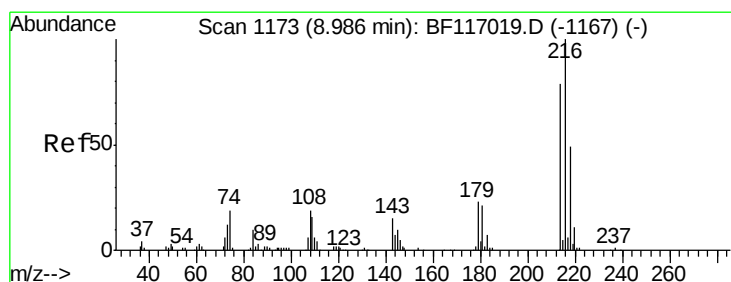
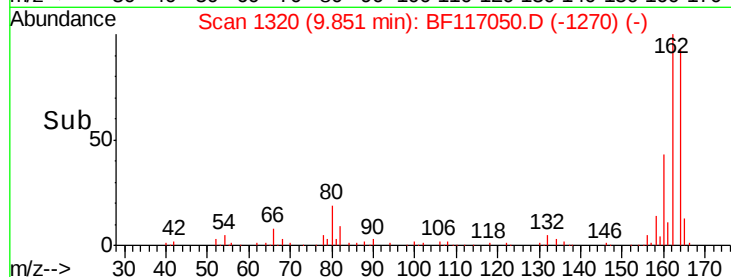
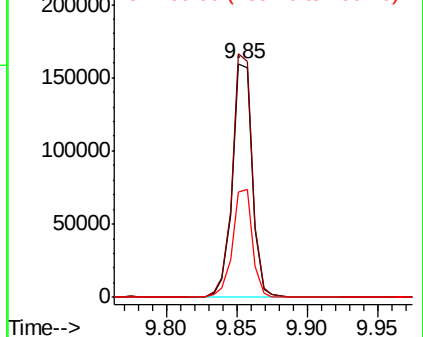


Abundance

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: 41.465 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Tgt Ion:216 Resp: 168312

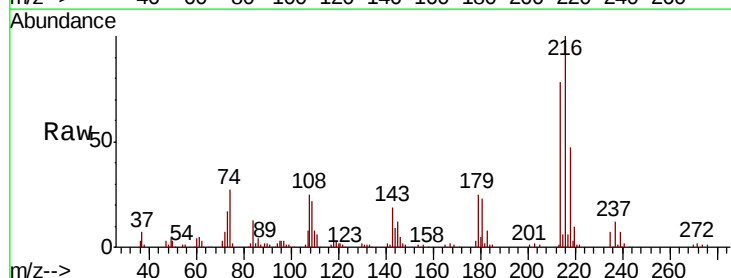
Ion Ratio Lower Upper

216 100

214 79.5 63.6 95.4

179 23.5 18.3 27.5

108 25.7 17.8 26.6



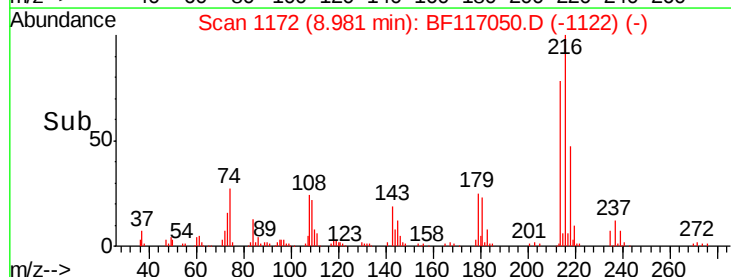
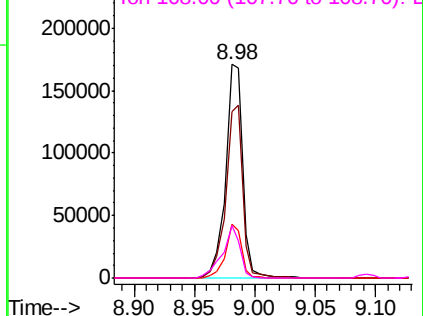
Abundance

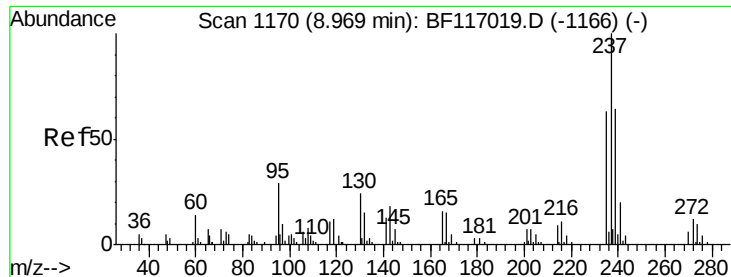
Ion 216.00 (215.70 to 216.70): E

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: 87.431 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

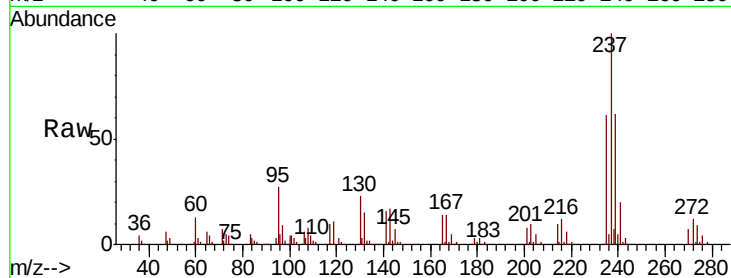
Tot Ion:237 Resp: 158321

Ion Ratio Lower Upper

237 100

235 61.5 43.2 83.2

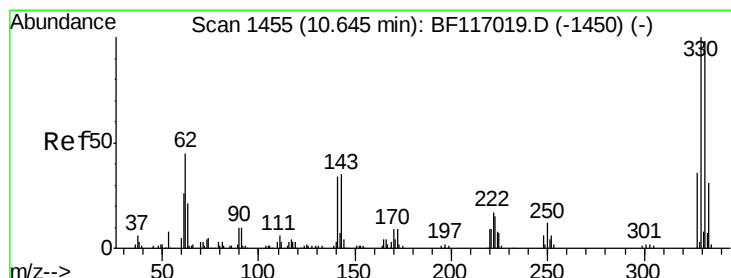
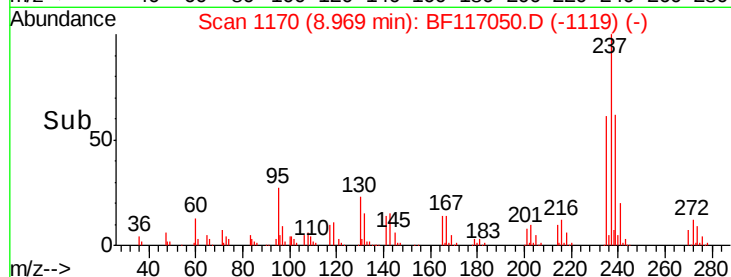
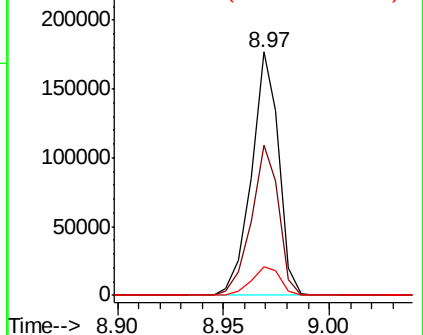
272 11.9 0.0 31.9



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: 115.438 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

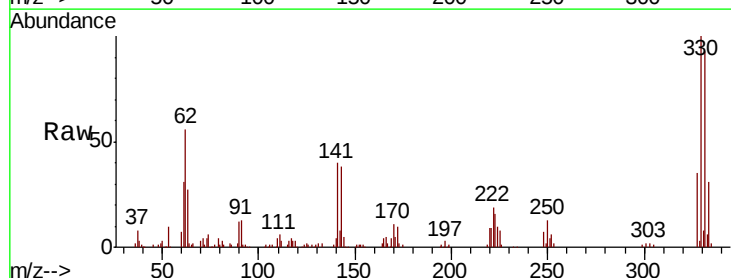
Tgt Ion:330 Resp: 151658

Ion Ratio Lower Upper

330 100

332 94.5 78.0 117.0

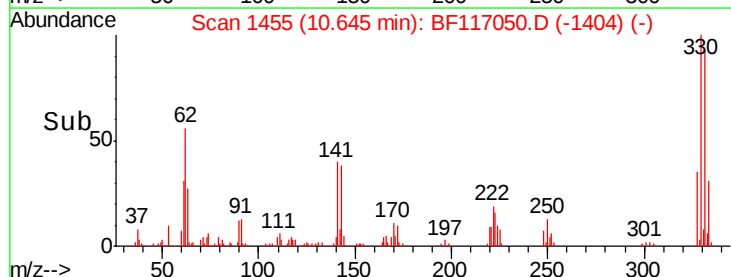
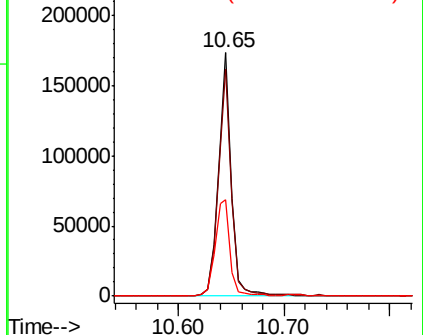
141 45.2 35.8 53.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

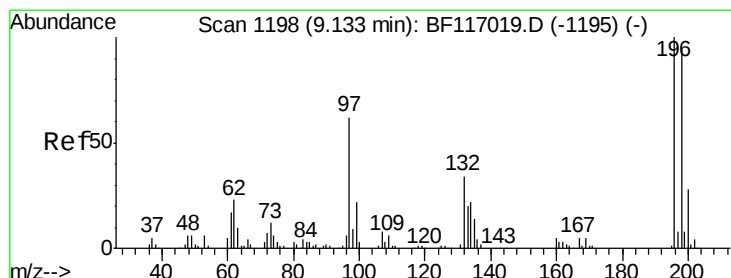
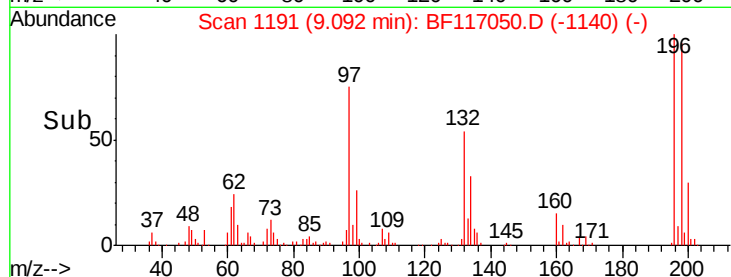
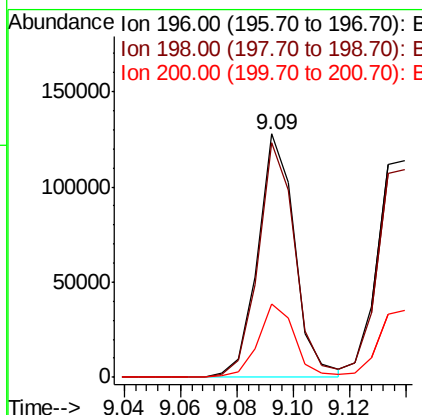
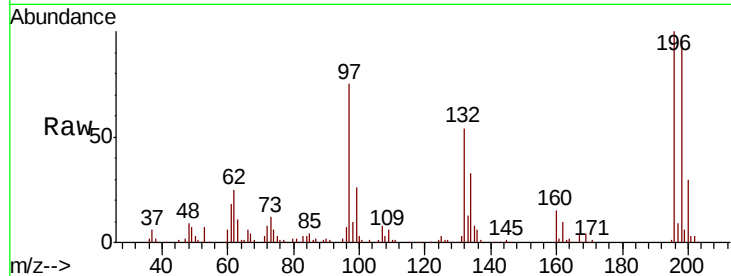




#43
 2,4,6-Trichlorophenol
 Concen: 42.260 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

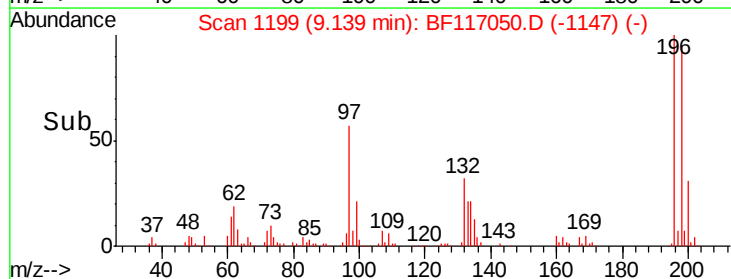
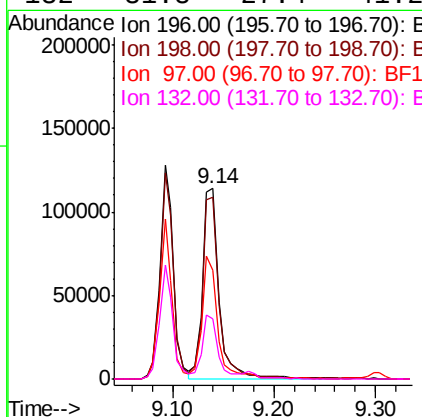
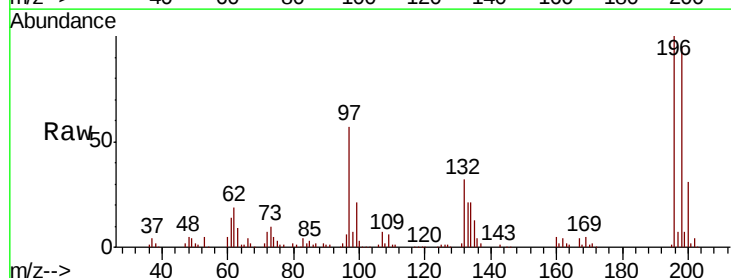
Instrument :
 BNA_F
 ClientSampleId :

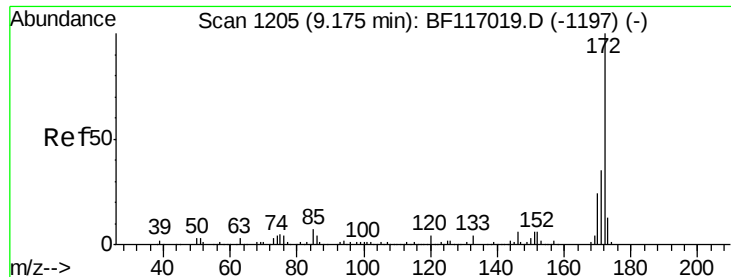
Tot Ion:196 Resp: 116411
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 30.3 23.3 34.9



#44
 2,4,5-Trichlorophenol
 Concen: 43.896 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Tgt Ion:196 Resp: 129190
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.6 112.0
 97 57.3 49.5 74.3
 132 31.8 27.4 41.2

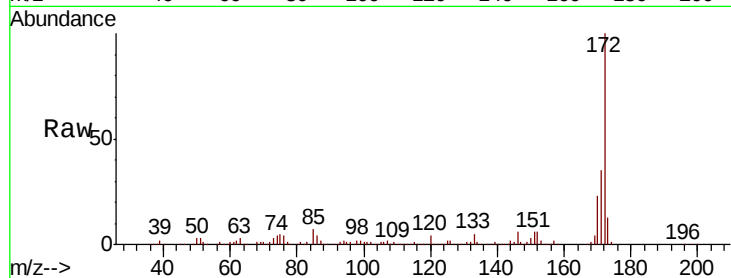




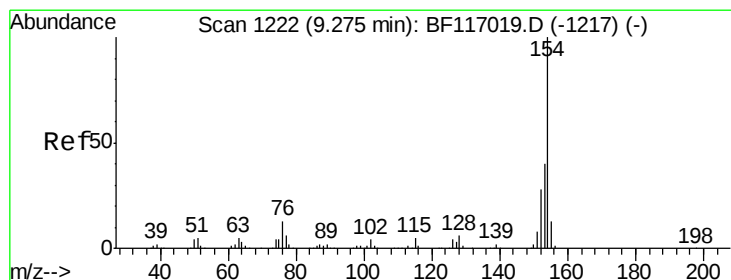
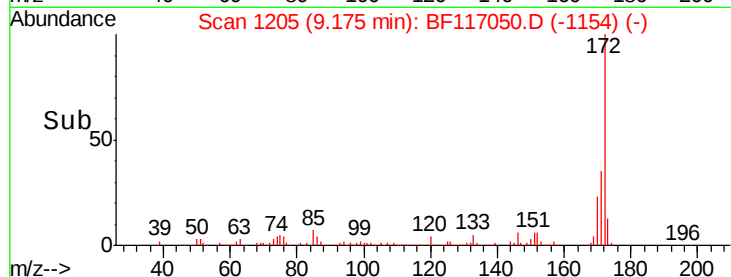
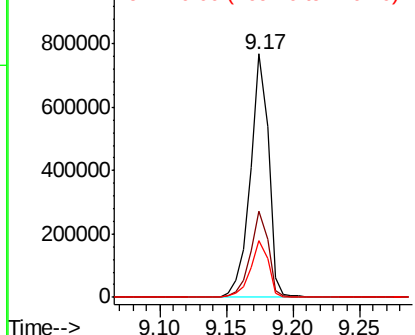
#45
2-Fluorobiphenyl
Concen: 71.118 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 714970
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.5 18.9 28.3

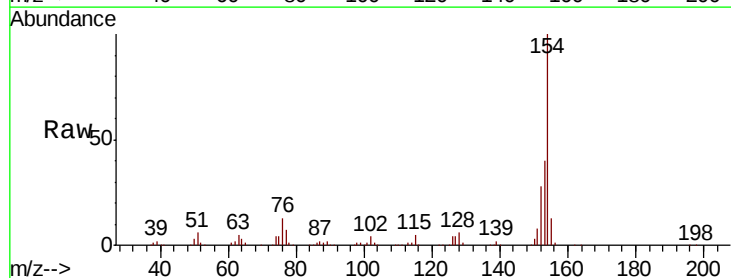


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

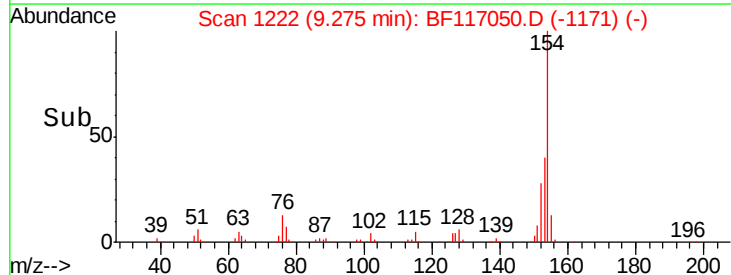
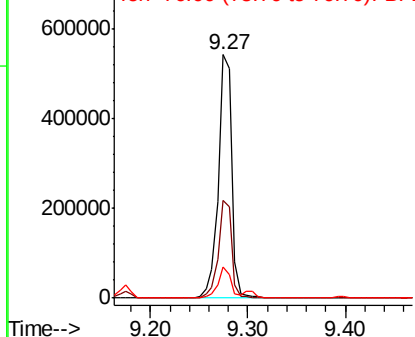


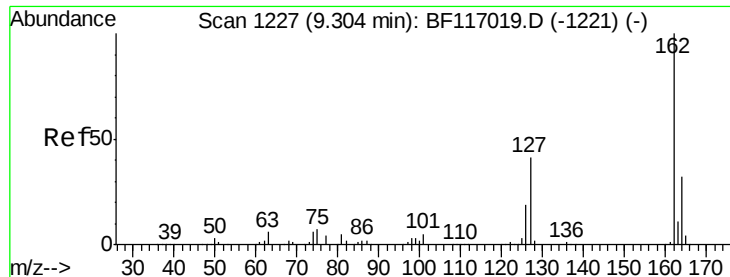
#46
1,1'-Biphenyl
Concen: 42.109 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion:154 Resp: 519209
Ion Ratio Lower Upper
154 100
153 40.4 20.0 60.0
76 12.9 0.0 32.7



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

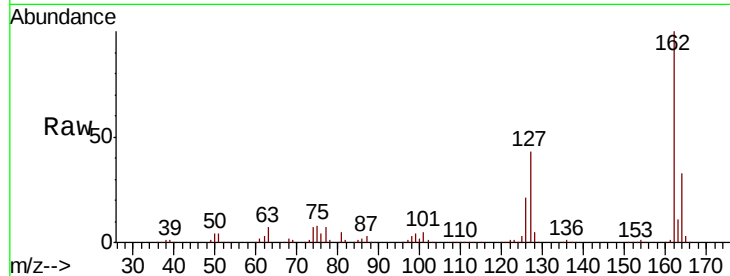




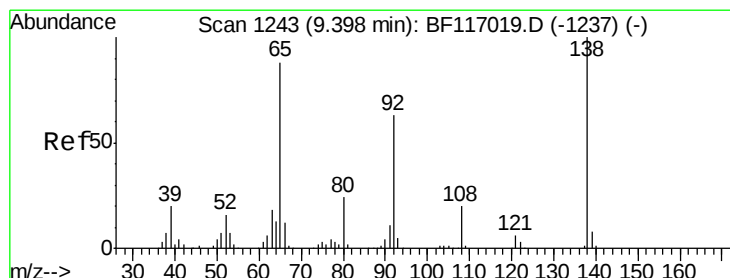
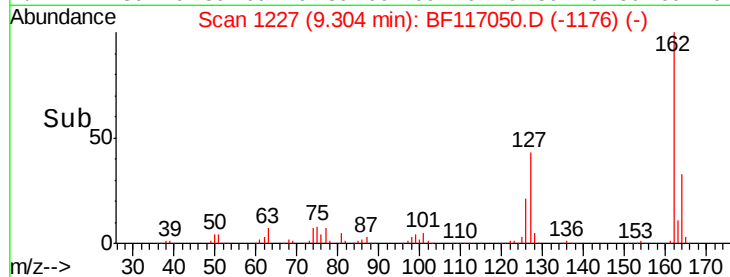
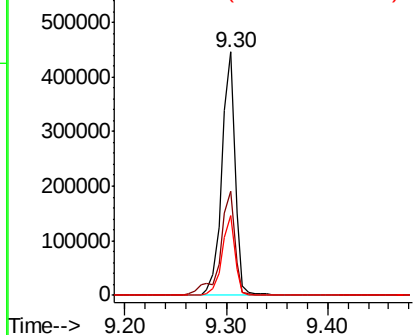
#47
 2-Chloronaphthalene
 Concen: 41.722 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	34.1	51.1
164	33.0	25.9	38.9

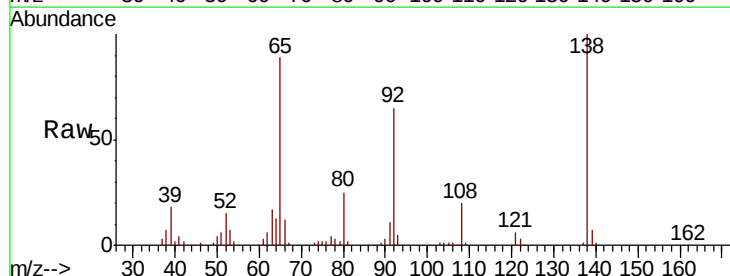


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

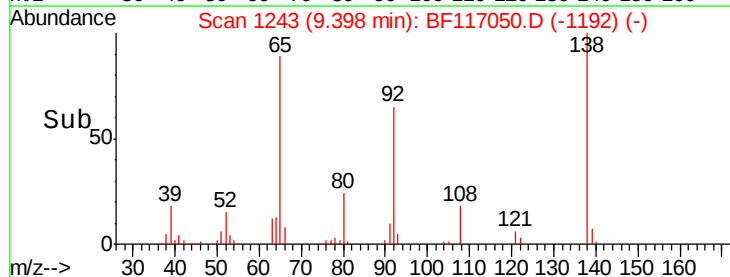
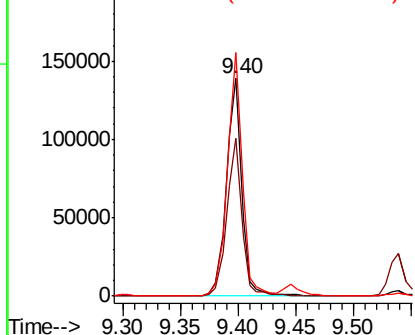


#48
 2-Nitroaniline
 Concen: 41.236 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	57.5	86.3
138	111.9	90.6	136.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.788 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

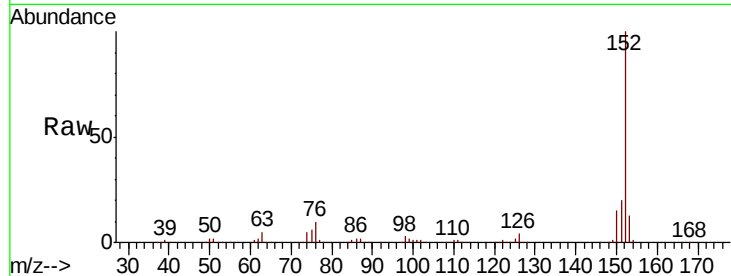
Tot Ion:152 Resp: 638330

Ion Ratio Lower Upper

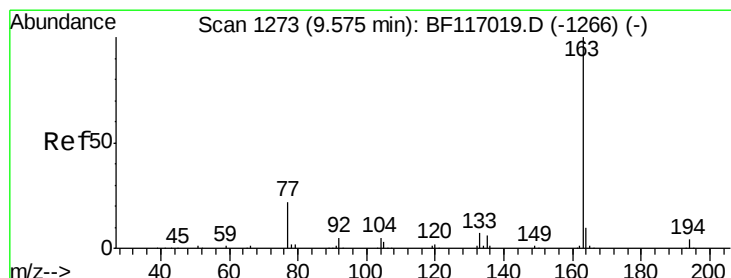
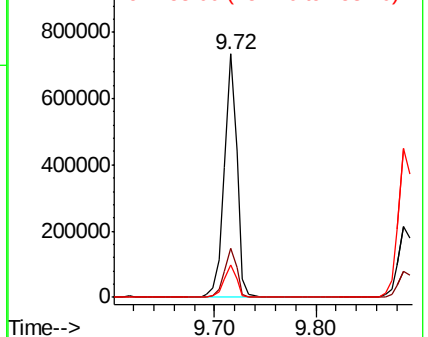
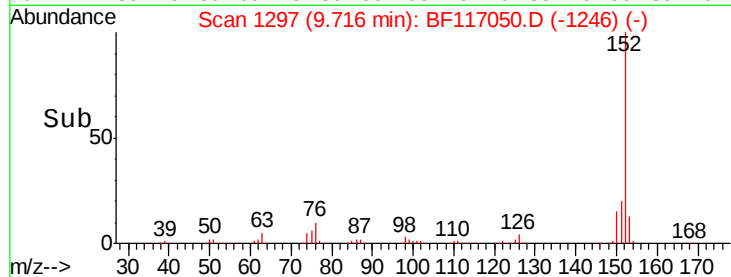
152 100

151 20.3 16.2 24.2

153 13.2 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: 42.182 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

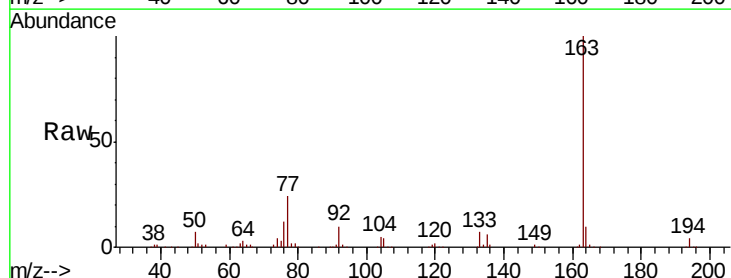
Tgt Ion:163 Resp: 469480

Ion Ratio Lower Upper

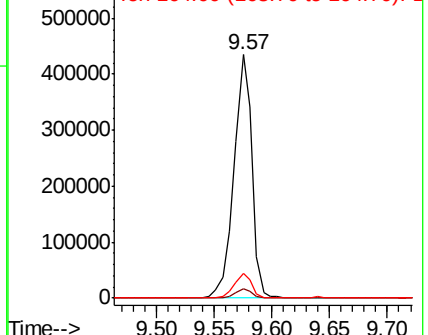
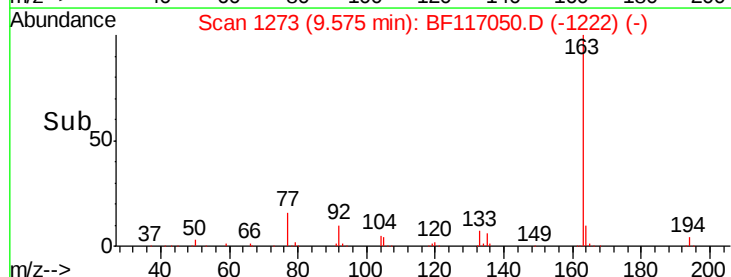
163 100

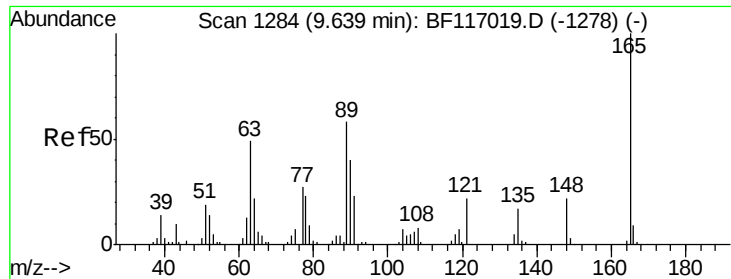
194 3.7 2.9 4.3

164 10.4 8.2 12.4



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

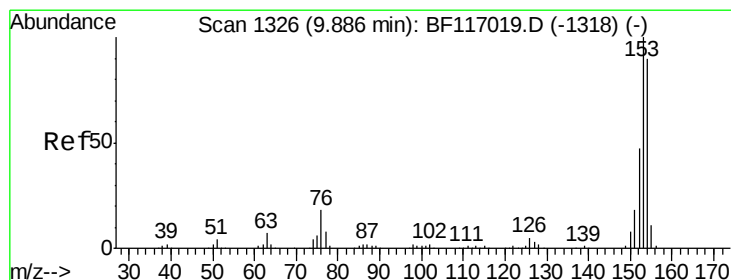
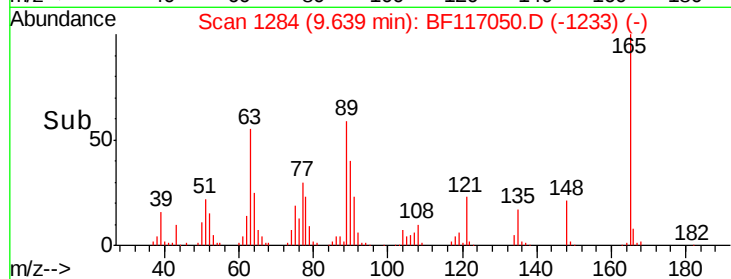
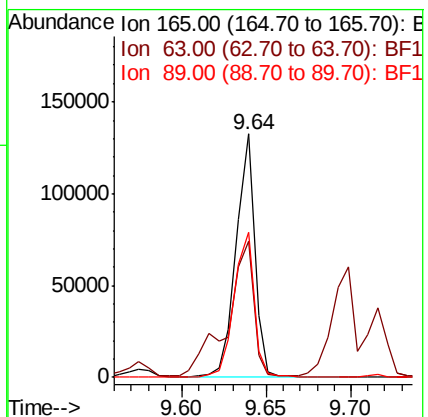
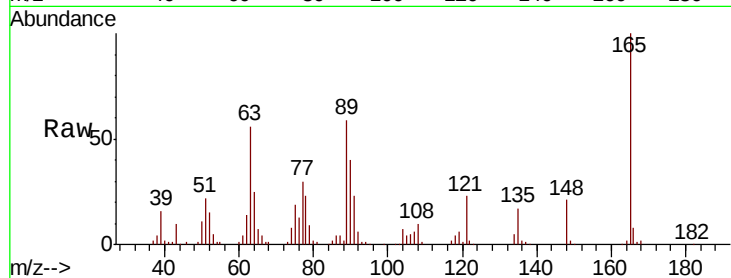




#51
2,6-Dinitrotoluene
Concen: 45.504 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

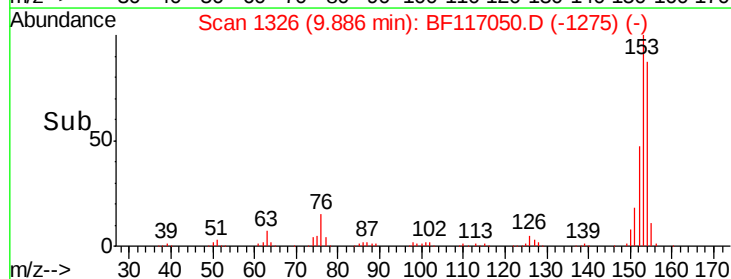
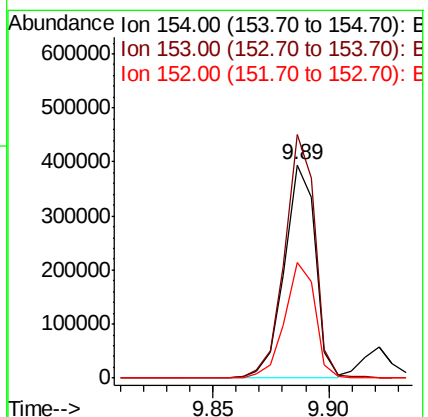
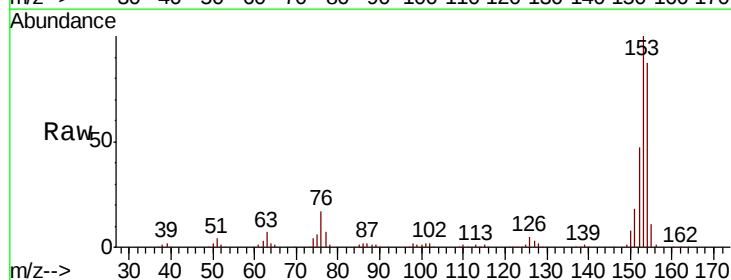
Instrument :
BNA_F
ClientSampleId :

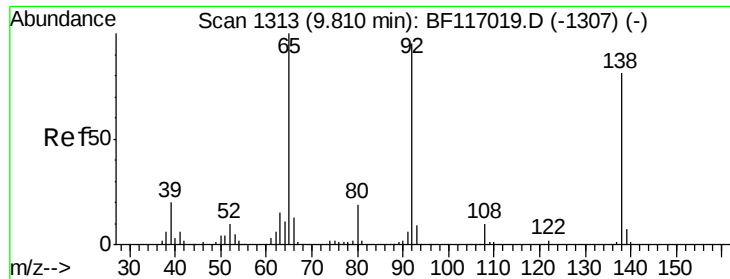
Tot Ion:165 Resp: 103149
Ion Ratio Lower Upper
165 100
63 55.7 41.8 62.8
89 59.4 46.5 69.7



#52
Acenaphthene
Concen: 42.397 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion:154 Resp: 366373
Ion Ratio Lower Upper
154 100
153 114.4 89.0 133.6
152 54.1 41.9 62.9

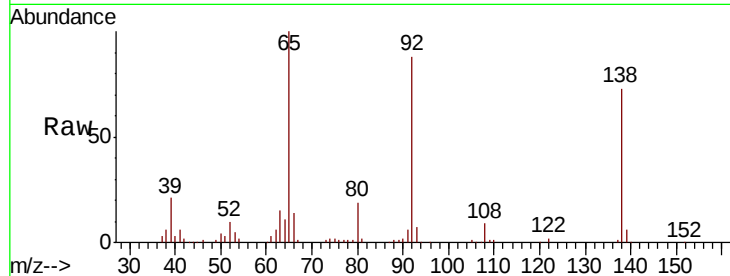




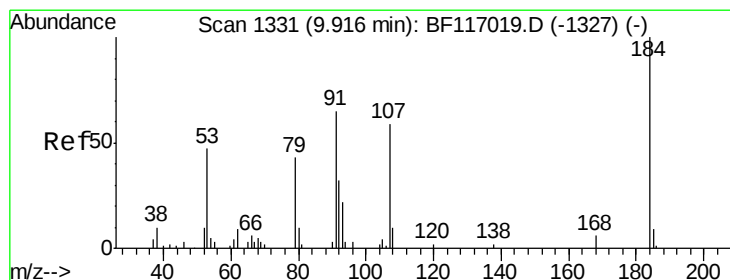
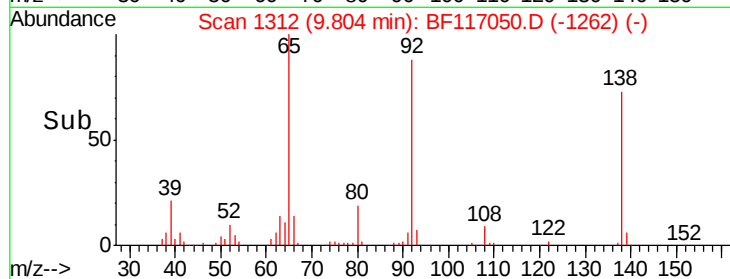
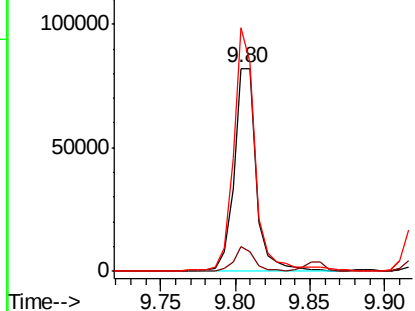
#53
3-Nitroaniline
Concen: 30.075 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 86014
Ion Ratio Lower Upper
138 100
108 12.4 9.5 14.3
92 119.9 94.1 141.1

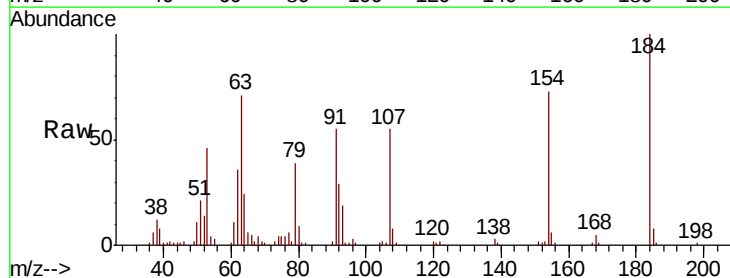


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

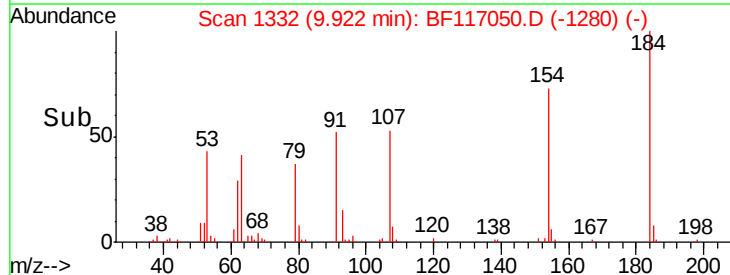
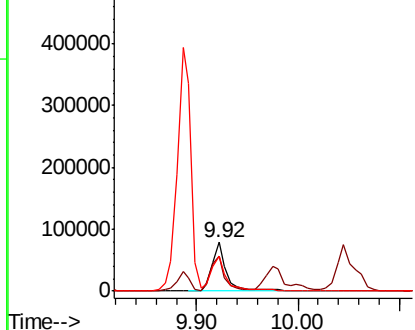


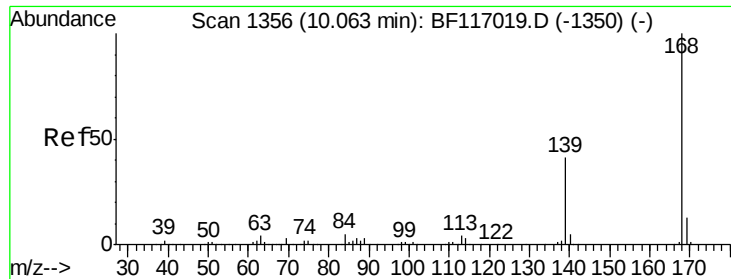
#54
2,4-Dinitrophenol
Concen: 80.599 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion:184 Resp: 78965
Ion Ratio Lower Upper
184 100
63 71.5 63.8 95.6
154 73.1 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

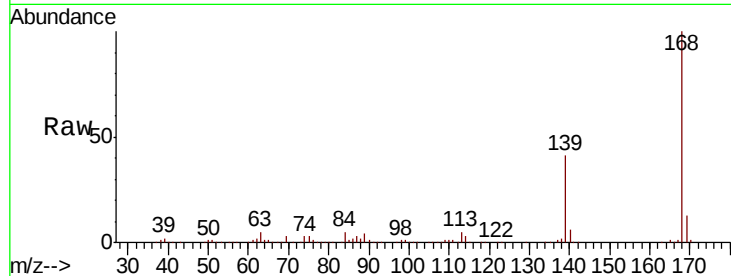




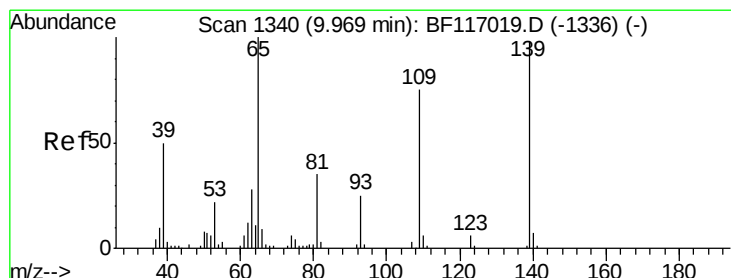
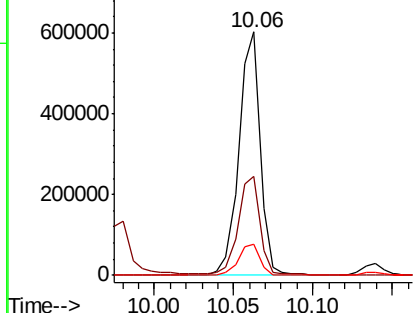
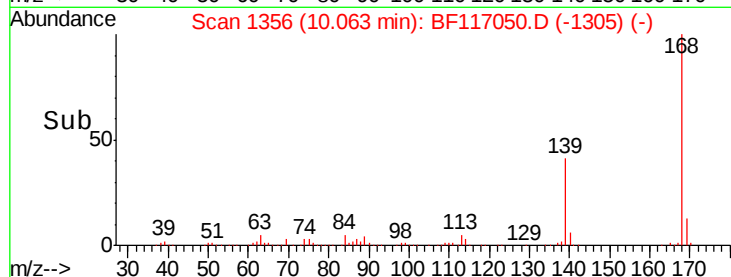
#55
Dibenzenofuran
Concen: 44.053 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	32.8	49.2
169	12.8	10.5	15.7

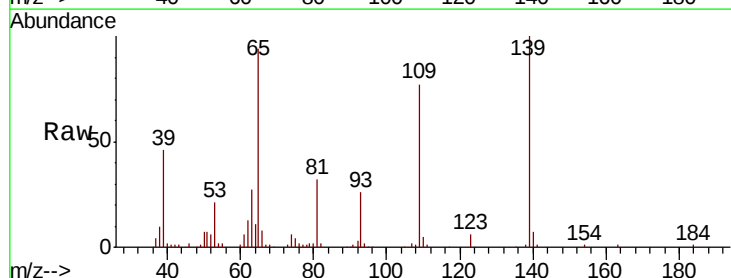


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

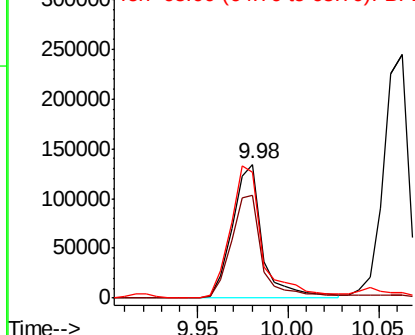
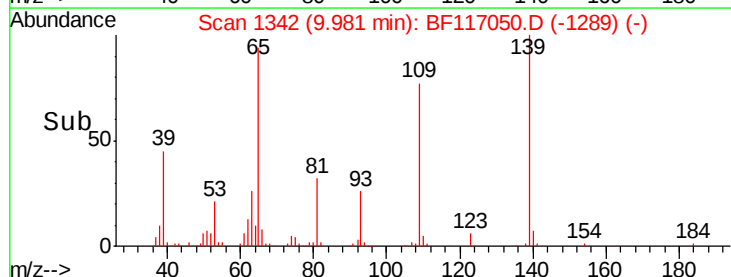


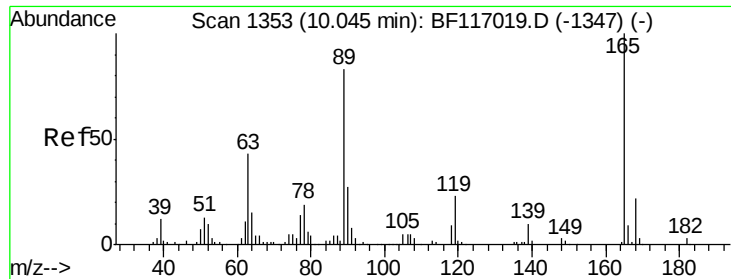
#56
4-Nitrophenol
Concen: 83.663 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.0	56.4	96.4
65	94.2	82.5	122.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

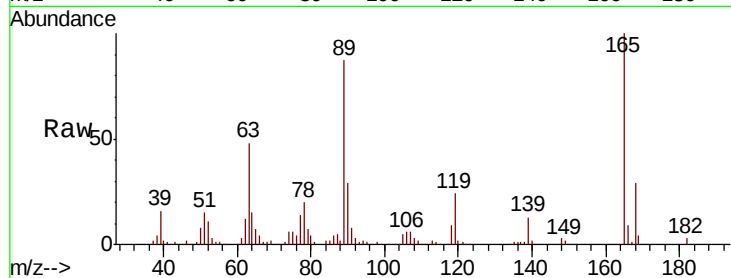




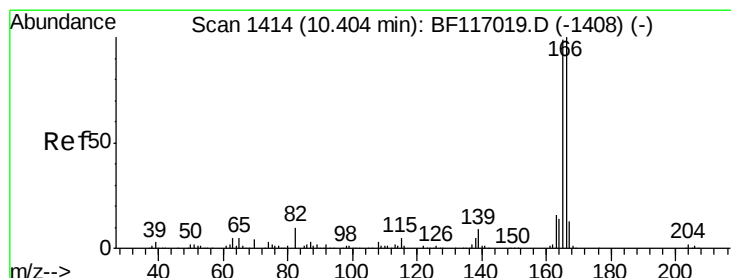
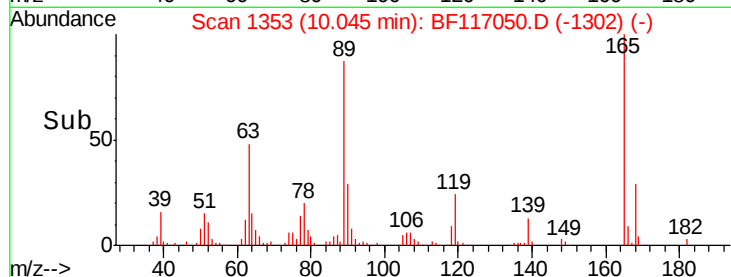
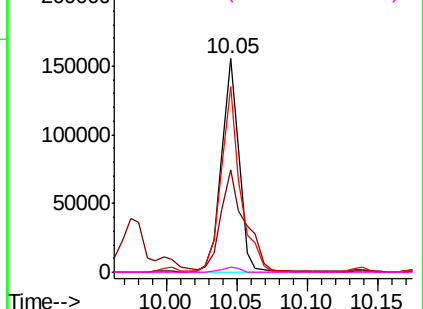
#57
 2,4-Dinitrotoluene
 Concen: 46.134 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 135747
 Ion Ratio Lower Upper
 165 100
 63 48.0 35.0 52.4
 89 86.7 66.1 99.1
 182 2.7 2.0 3.0

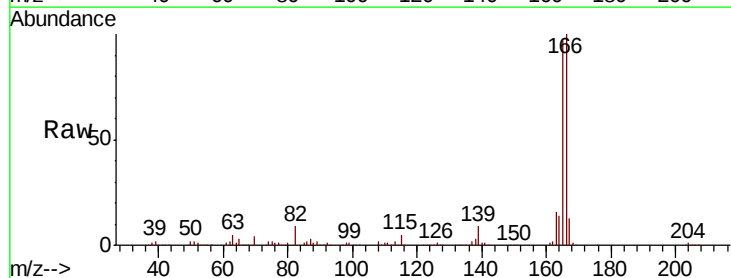


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

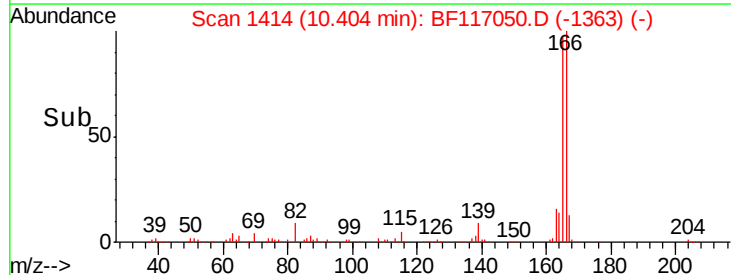
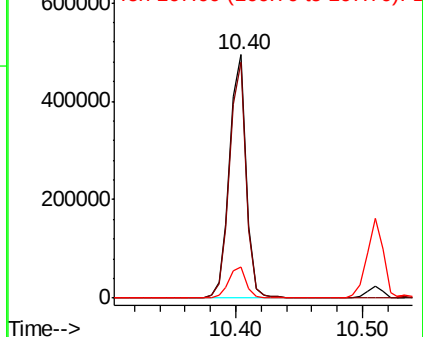


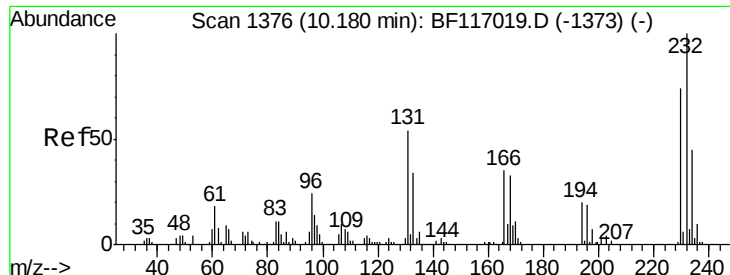
#58
 Fluorene
 Concen: 43.859 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Tgt Ion:166 Resp: 450449
 Ion Ratio Lower Upper
 166 100
 165 96.7 78.9 118.3
 167 12.9 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

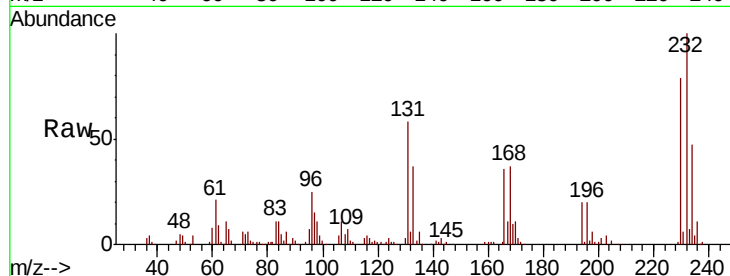




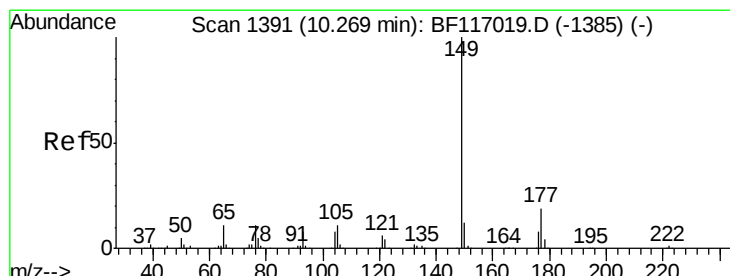
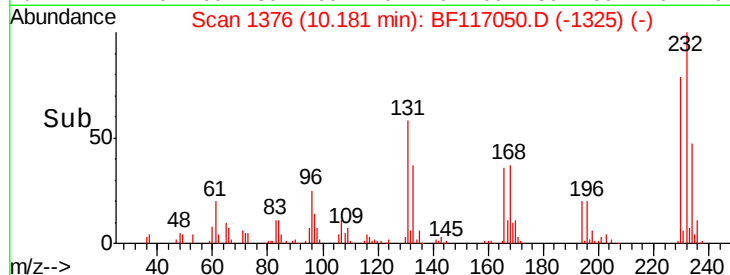
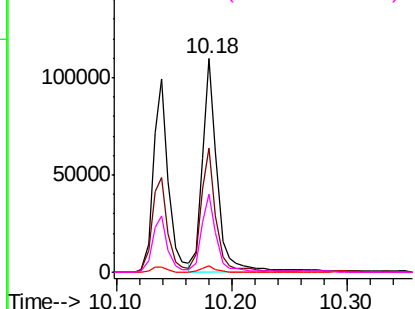
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.212 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	59.1	45.3	67.9
130	2.7	1.8	2.8
166	35.4	29.4	44.2

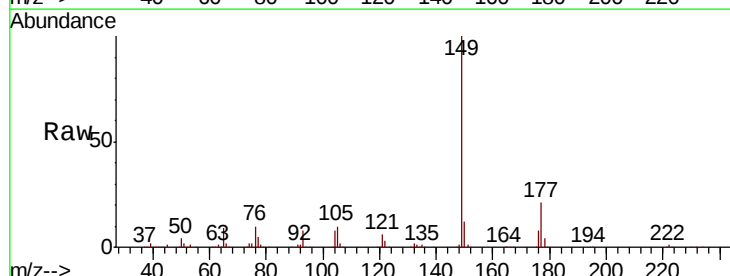


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

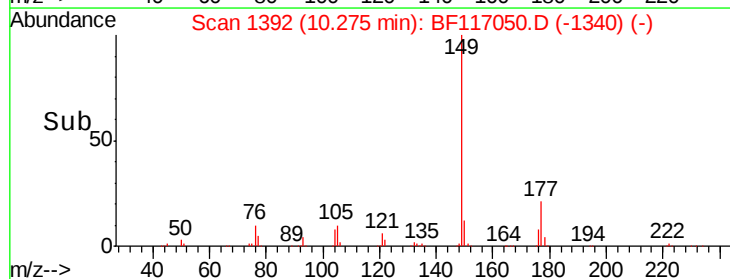
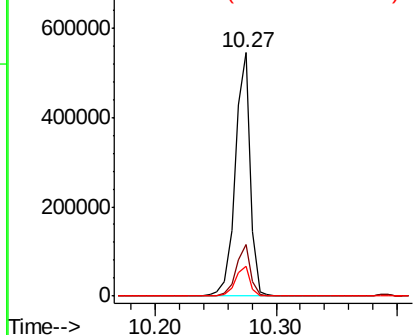


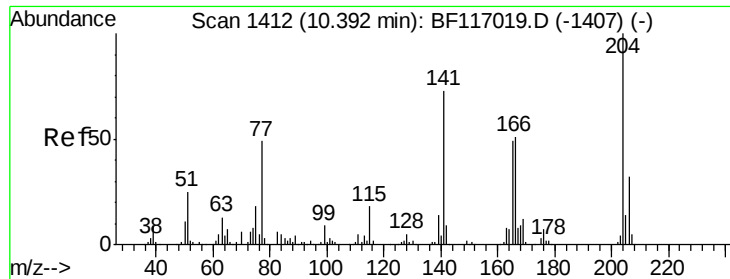
#60
 Diethylphthalate
 Concen: 43.027 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	15.2	22.8
150	12.4	9.9	14.9



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

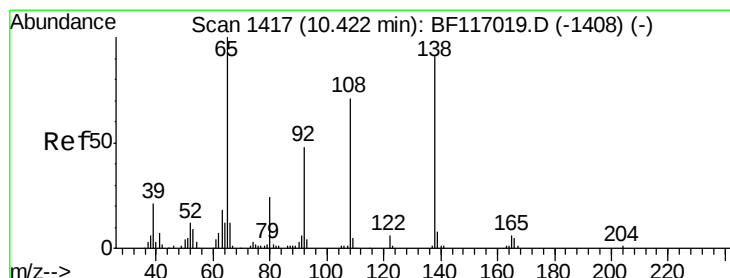
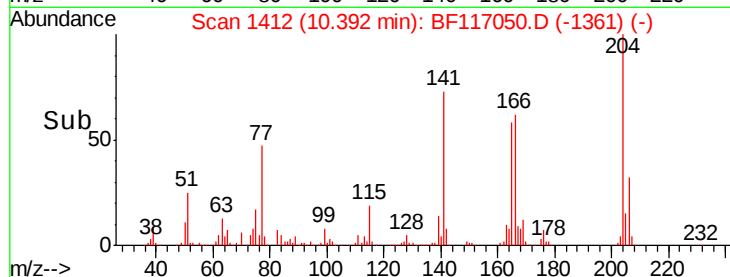
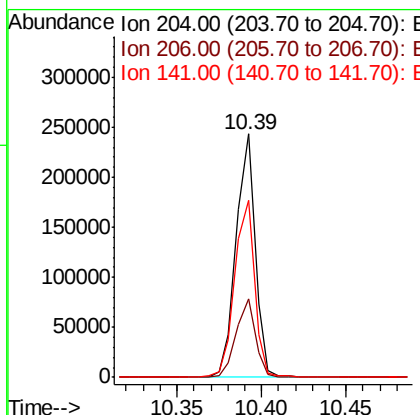
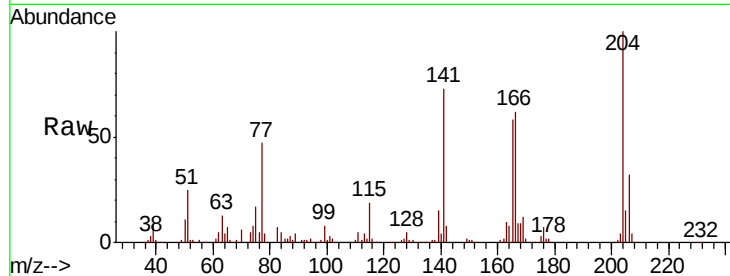




#61
 4-Chlorophenyl-phenylether
 Concen: 43.357 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

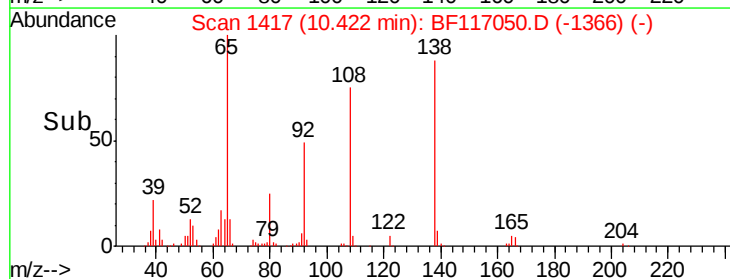
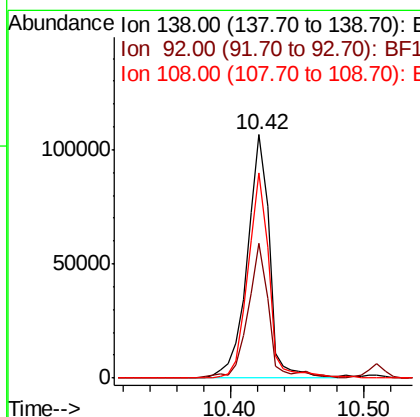
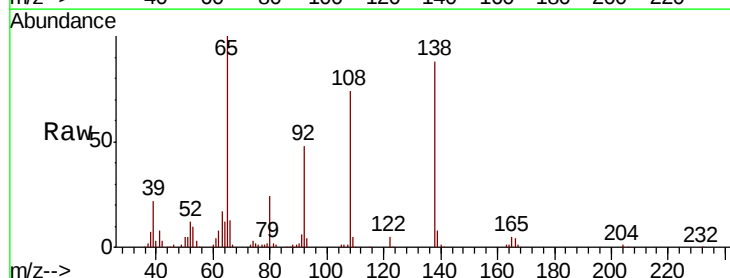
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.0	39.0
141	72.6	58.2	87.2



#62
 4-Nitroaniline
 Concen: 40.972 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	32.9	72.9
108	84.5	58.3	98.3

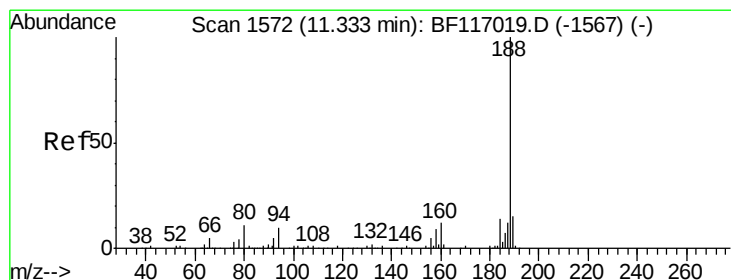
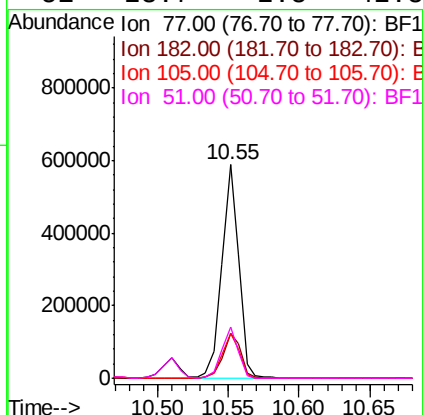
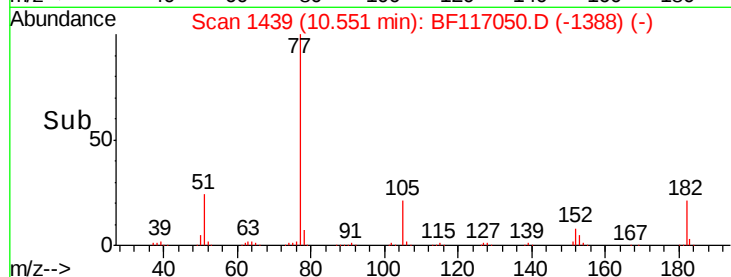
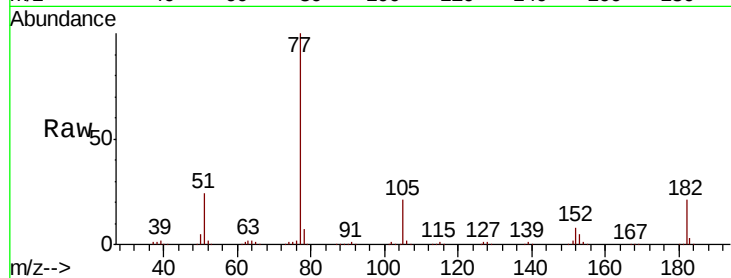




#63
Azobenzene
Concen: 43.668 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

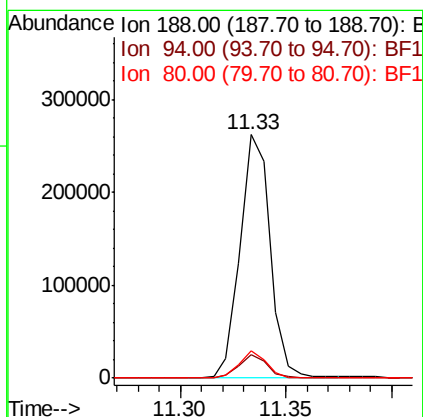
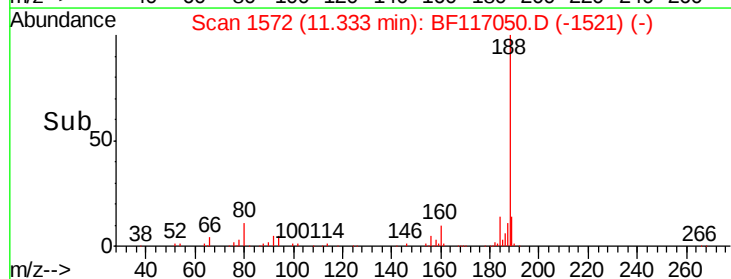
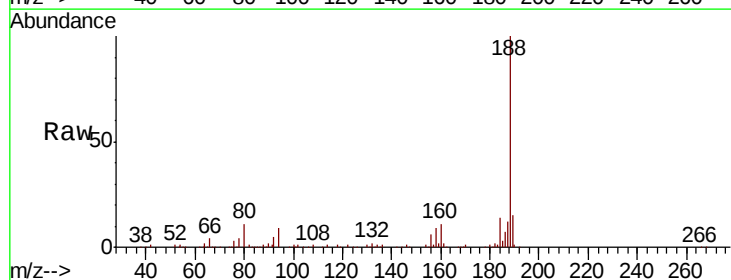
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	488358
Ion	Ratio	Lower	Upper
77	100		
182	21.1	0.4	40.4
105	21.0	0.9	40.9
51	23.7	2.8	42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion:	188	Resp:	259078
Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.2
80	11.4	9.0	13.6

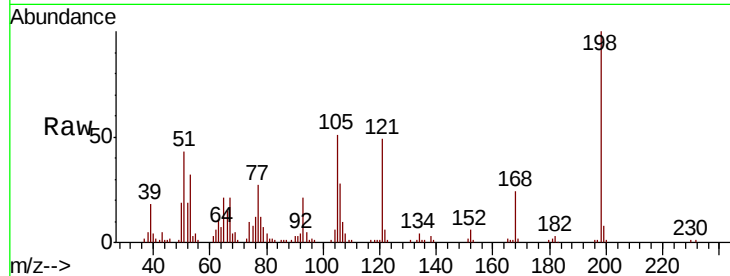




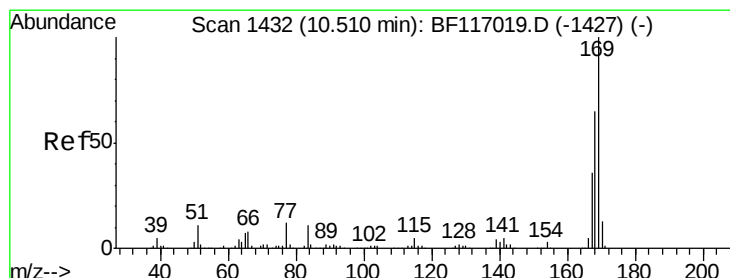
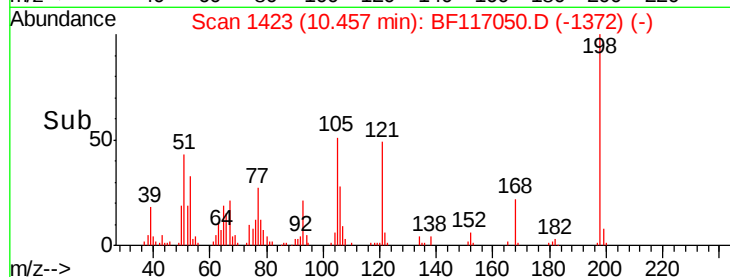
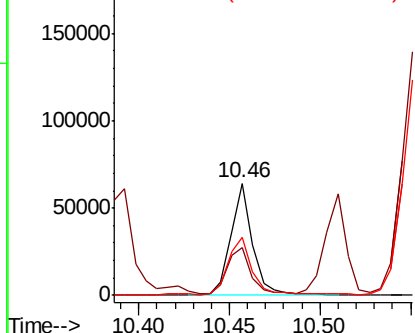
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.600 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 54732
 Ion Ratio Lower Upper
 198 100
 51 42.8 18.7 58.7
 105 51.1 30.2 70.2

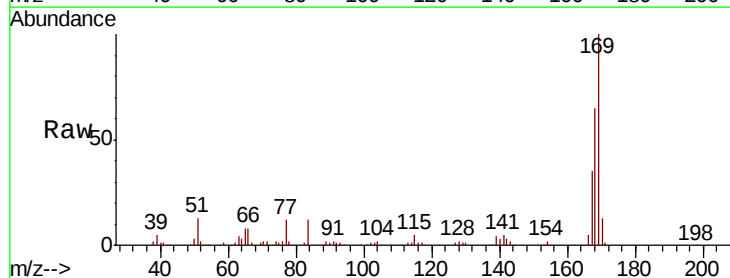


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

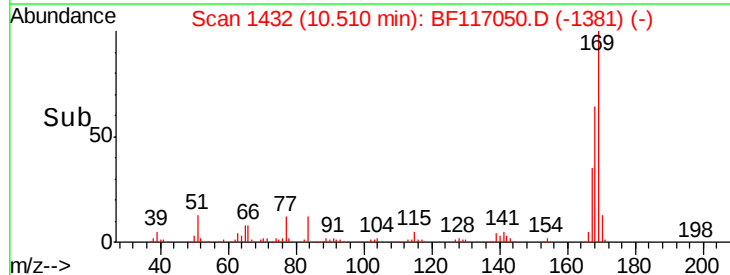
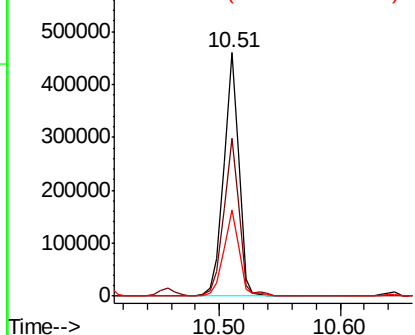


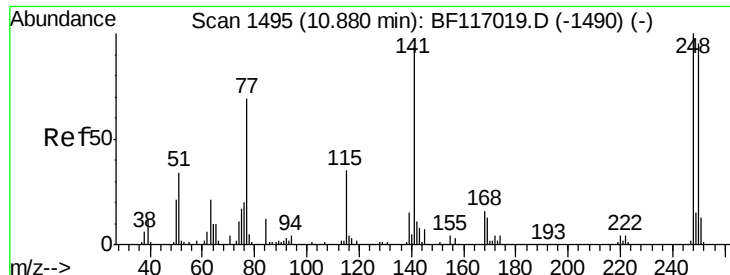
#66
 n-Nitrosodiphenylamine
 Concen: 44.277 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Tgt Ion:169 Resp: 396168
 Ion Ratio Lower Upper
 169 100
 168 64.7 52.2 78.2
 167 35.4 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

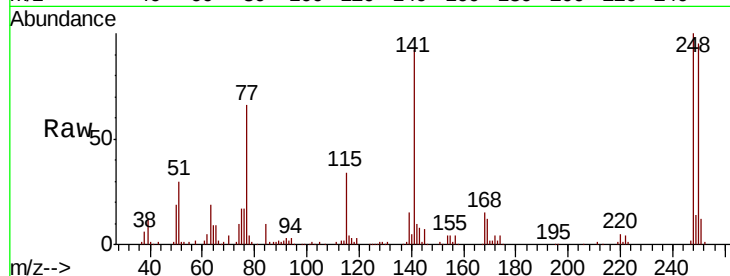




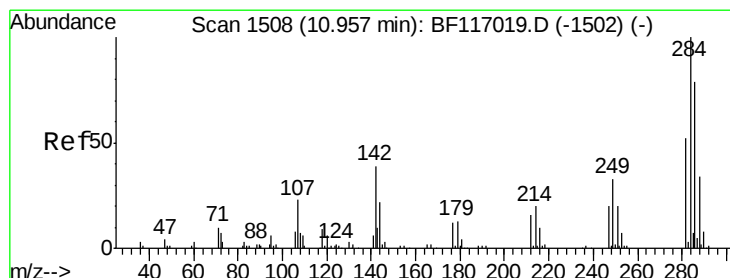
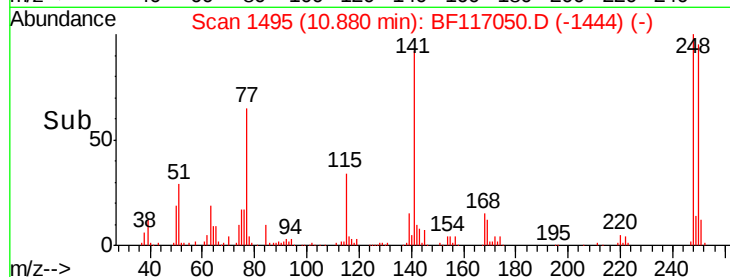
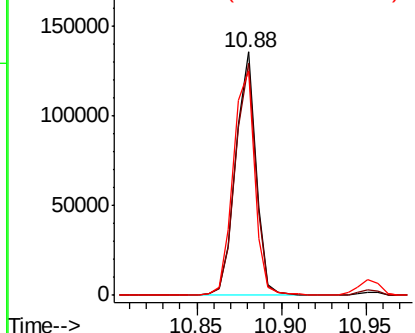
#67
4-Bromophenyl-phenylether
Concen: 42.862 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 113404
Ion Ratio Lower Upper
248 100
250 95.4 76.2 114.4
141 92.1 75.0 112.4

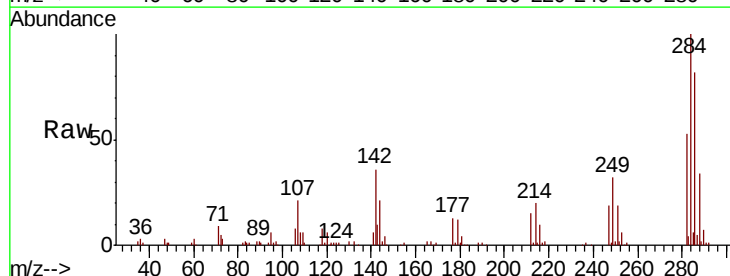


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

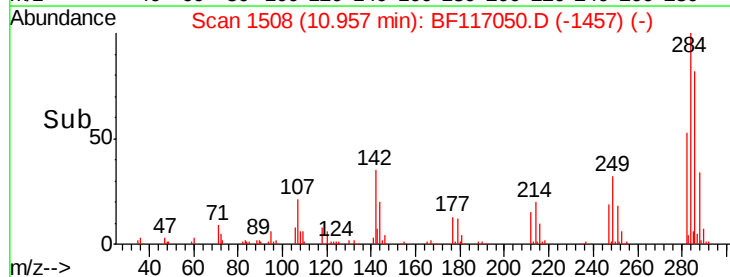
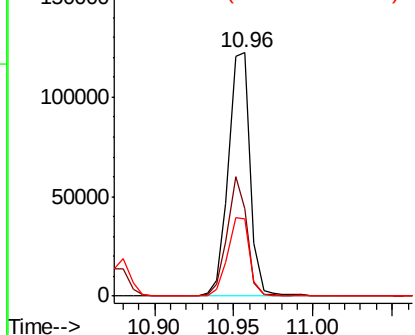


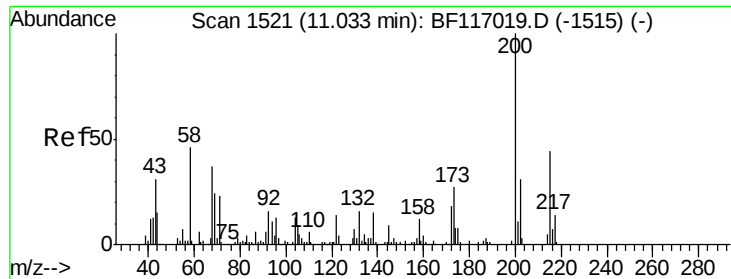
#68
Hexachlorobenzene
Concen: 40.646 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion:284 Resp: 117624
Ion Ratio Lower Upper
284 100
142 35.9 31.4 47.2
249 31.6 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: 52.592 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

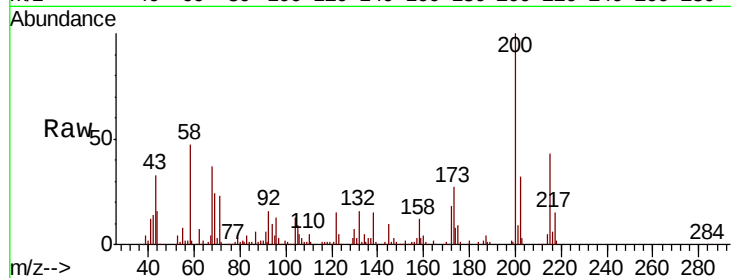
Tot Ion:200 Resp: 111893

Ion Ratio Lower Upper

200 100

173 27.2 6.9 46.9

215 43.0 23.8 63.8

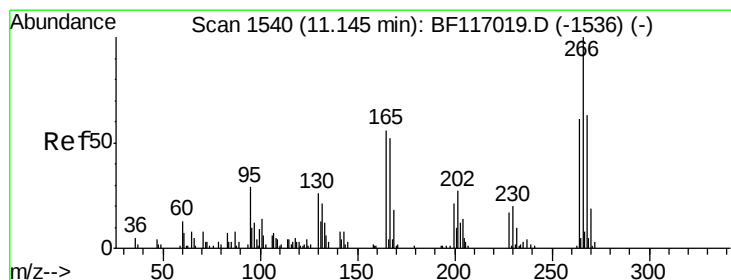
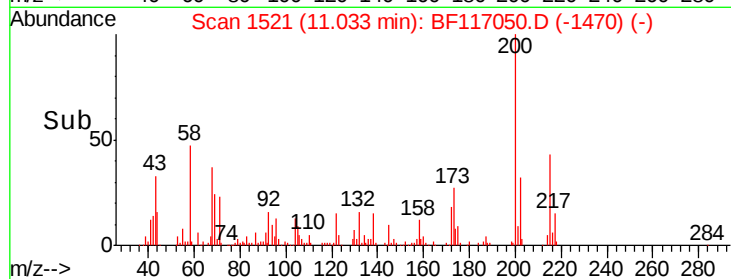
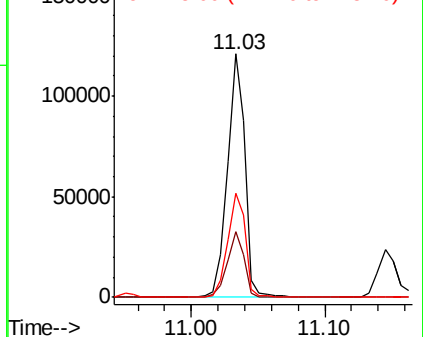


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 91.994 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

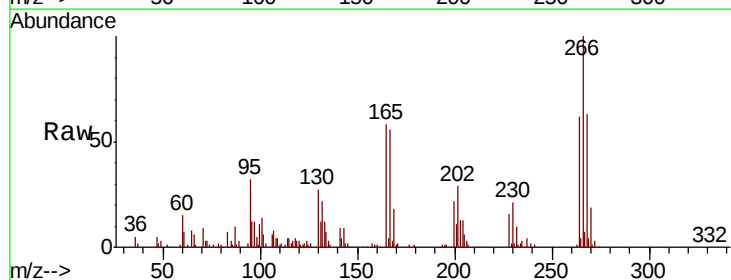
Tgt Ion:266 Resp: 124789

Ion Ratio Lower Upper

266 100

268 62.9 50.5 75.7

264 62.4 48.8 73.2

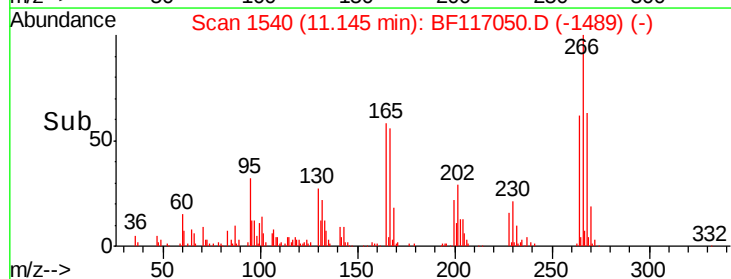
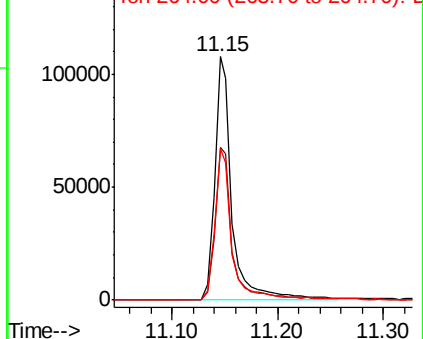


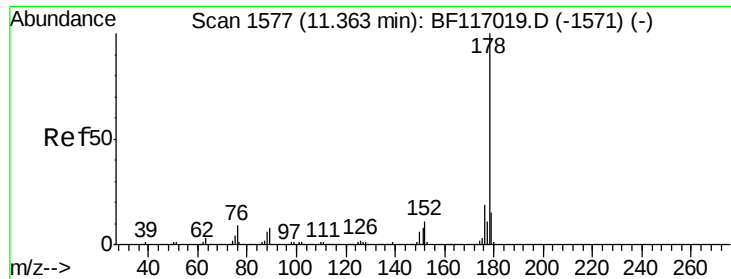
Abundance

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: 42.675 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampled :

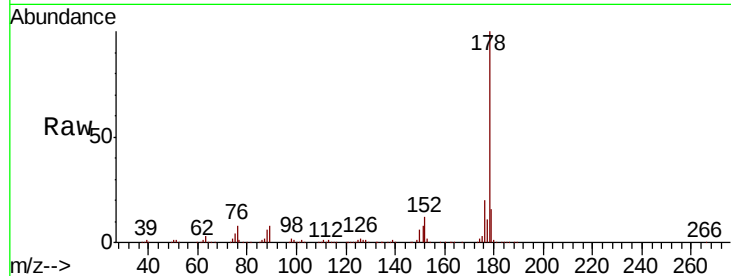
Tot Ion:178 Resp: 627987

Ion Ratio Lower Upper

178 100

176 20.3 15.4 23.2

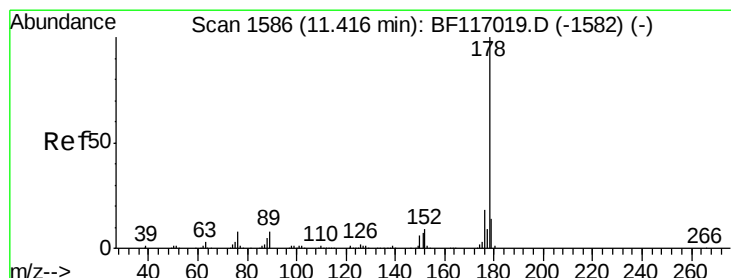
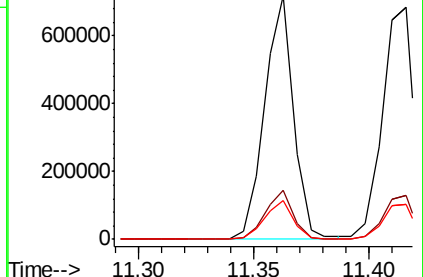
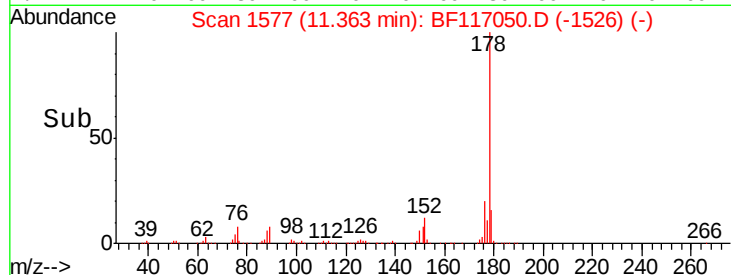
179 15.8 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.861 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

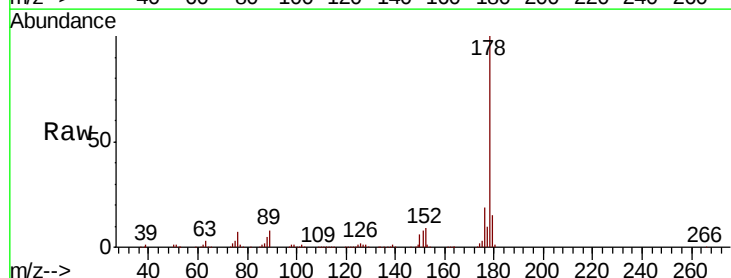
Tgt Ion:178 Resp: 658950

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

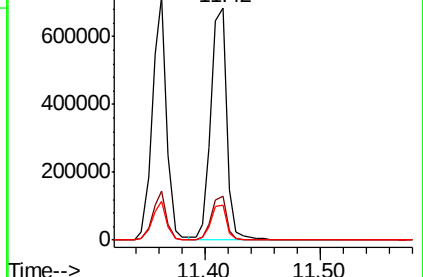
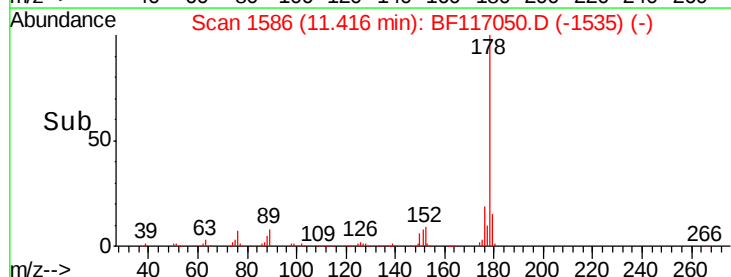
179 15.0 11.6 17.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

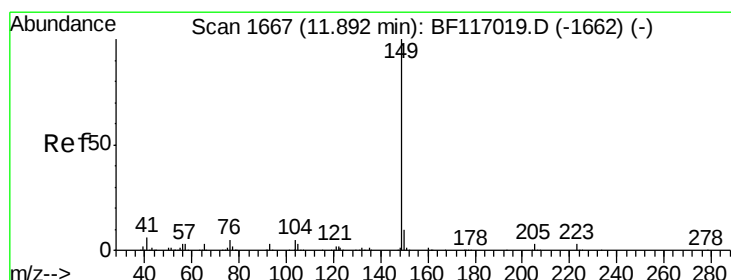
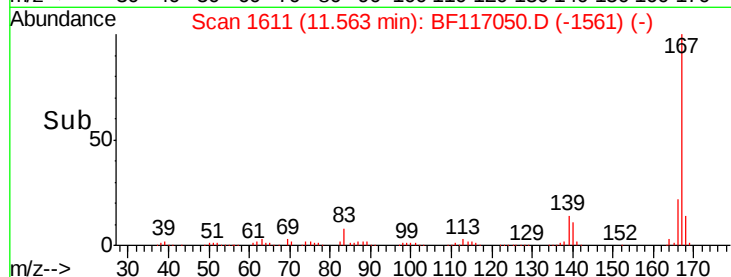
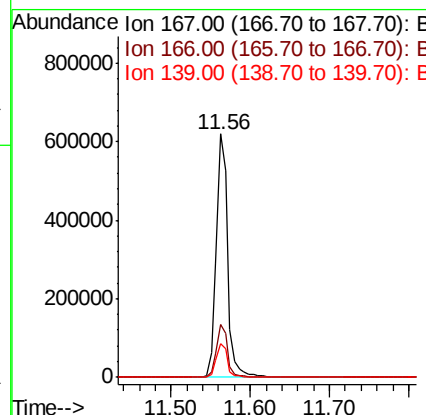
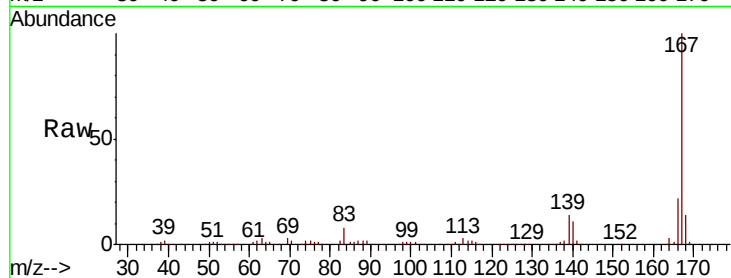




#73
 Carbazole
 Concen: 43.088 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

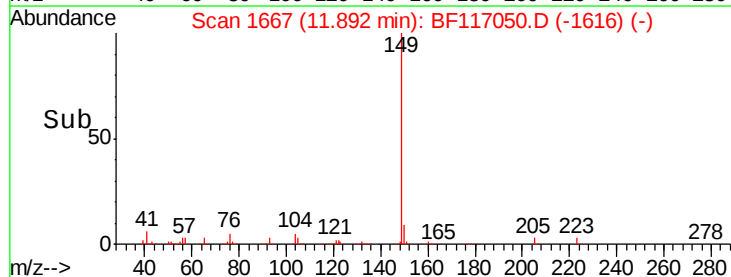
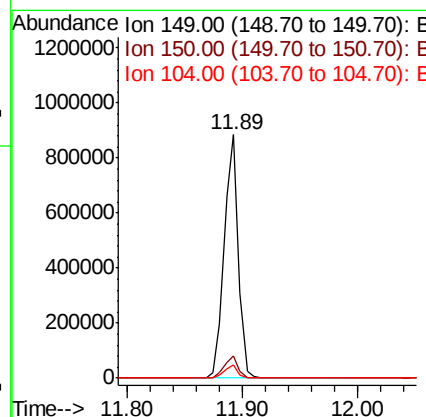
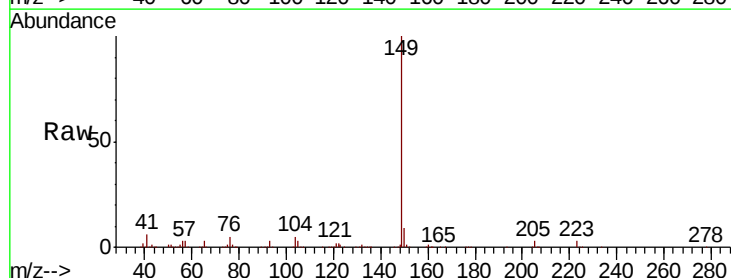
Instrument :
 BNA_F
 ClientSampleId :

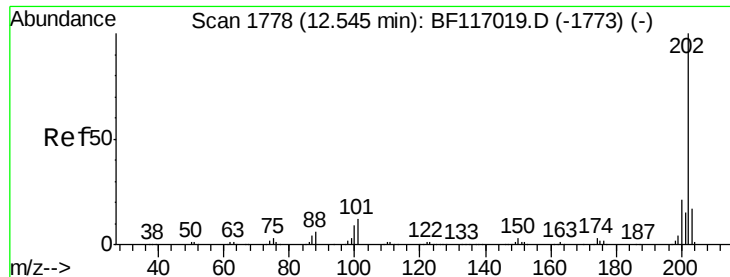
Tot Ion:167 Resp: 614448
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.914 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117050.D
 Acq: 16 Sep 2019 9:28

Tgt Ion:149 Resp: 745071
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.3 4.2 6.4





#75

Fluoranthene

Concen: 42.639 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

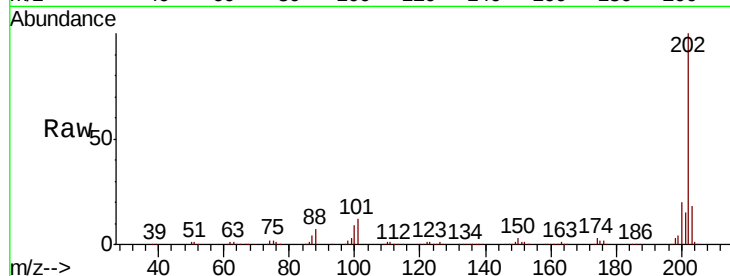
Tot Ion:202 Resp: 644706

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.3

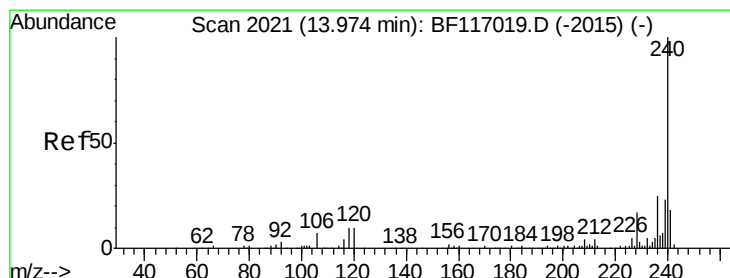
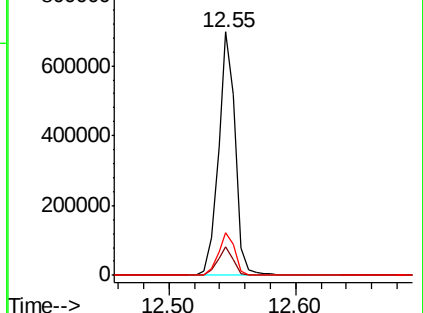
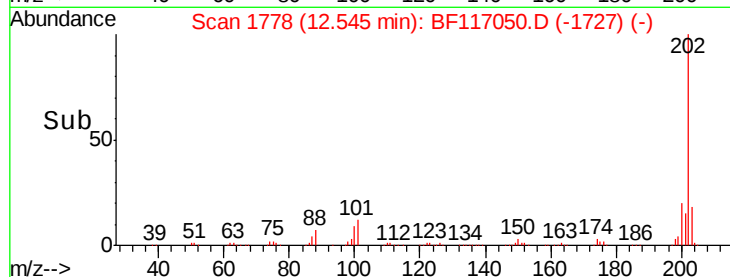
203 17.6 0.0 37.1



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

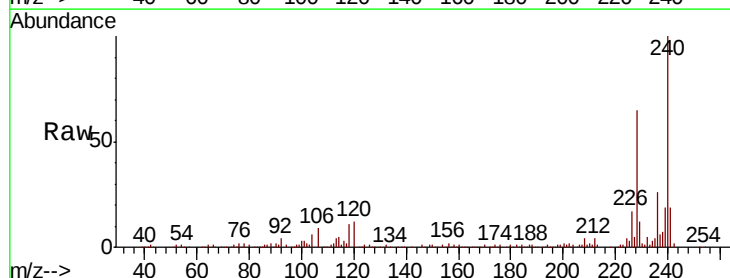
Tgt Ion:240 Resp: 170399

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

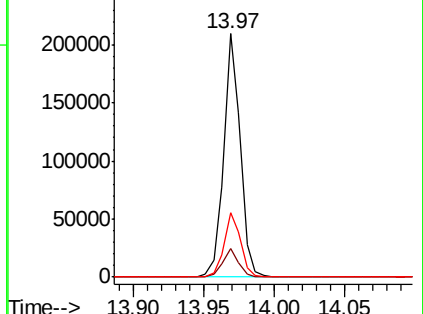
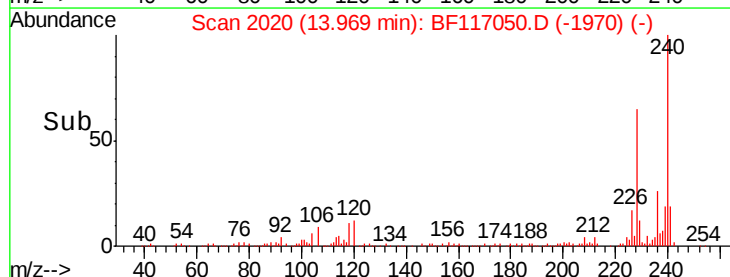
236 26.2 20.3 30.5

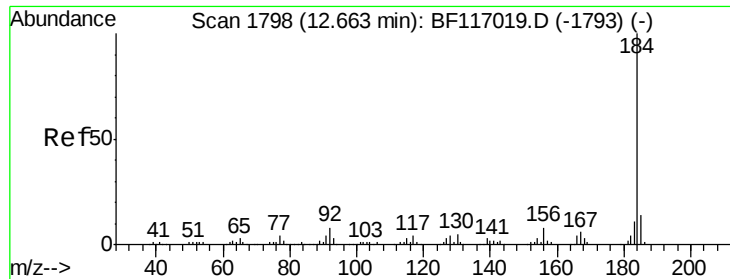


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

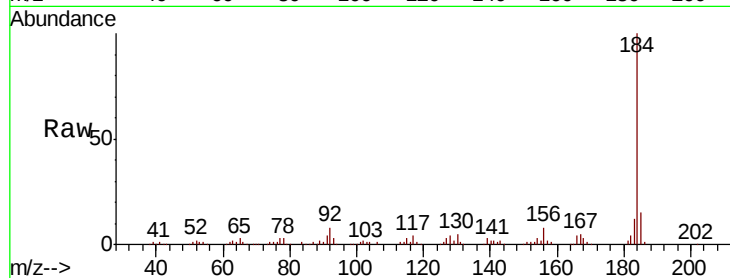




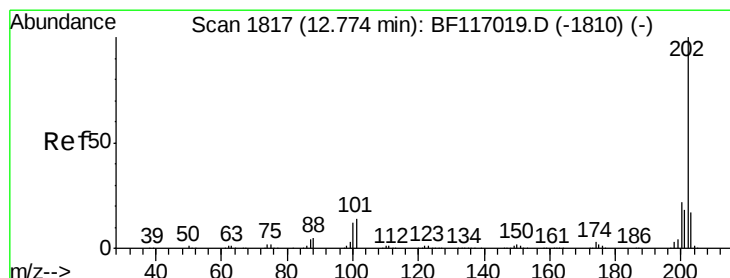
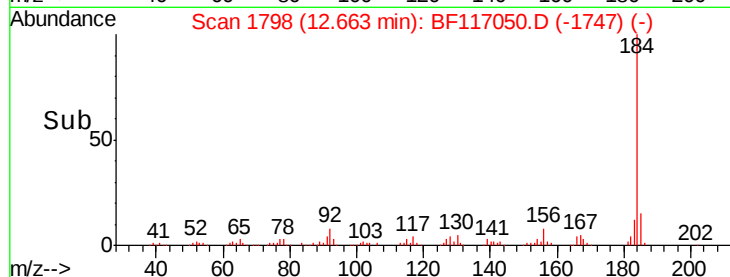
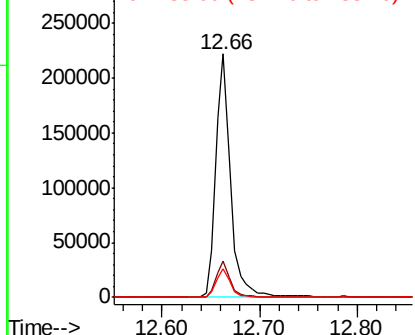
#77
Benzidine
Concen: 42.772 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.6	17.4
183	11.5	9.0	13.4

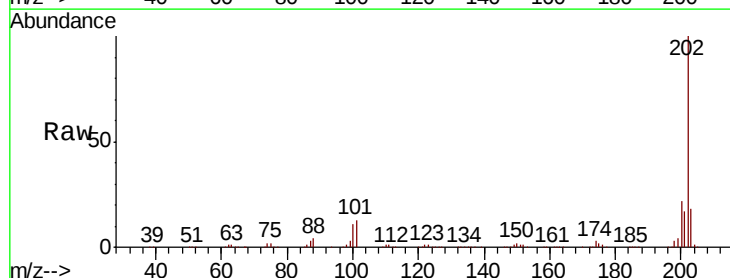


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

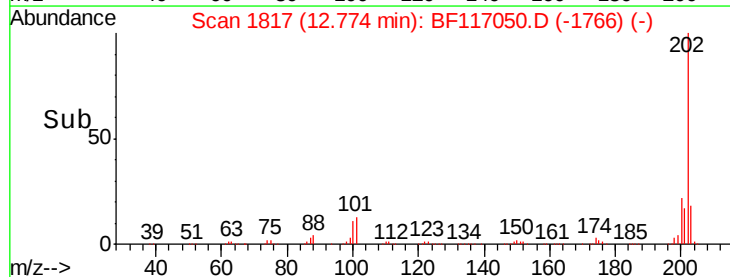
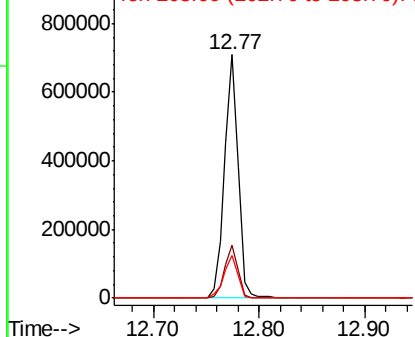


#78
Pyrene
Concen: 45.034 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.7	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.293 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

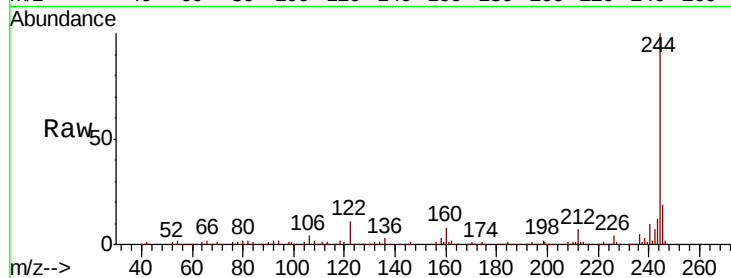
Tot Ion:244 Resp: 686376

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

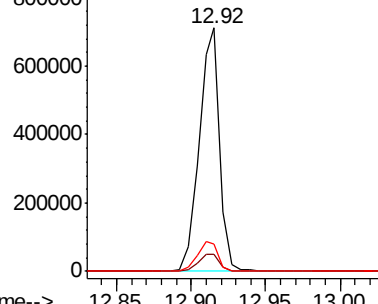
122 11.2 11.3 16.9#



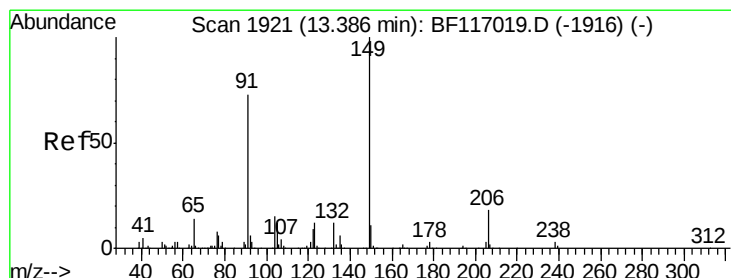
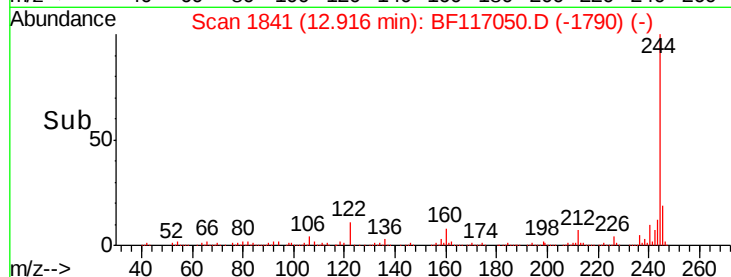
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 44.075 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

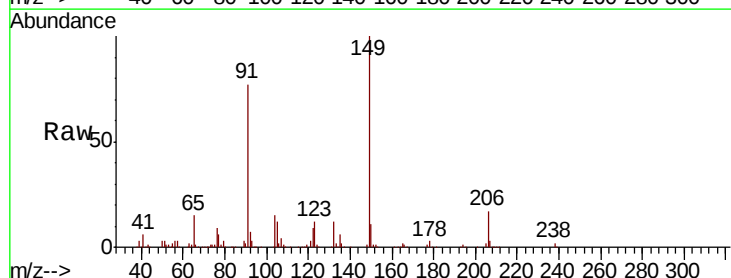
Tgt Ion:149 Resp: 297765

Ion Ratio Lower Upper

149 100

91 76.6 58.8 88.2

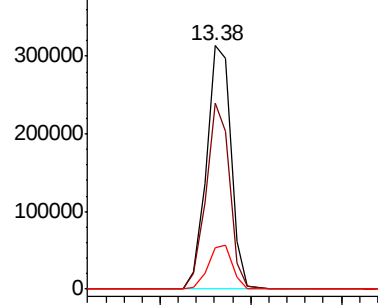
206 16.8 14.1 21.1



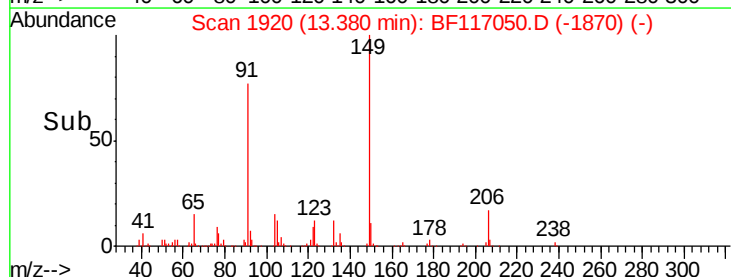
Abundance Ion 149.00 (148.70 to 149.70): E

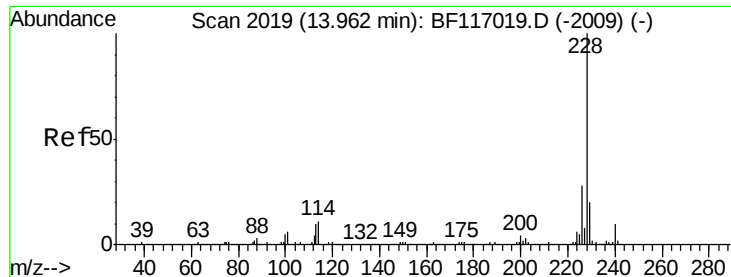
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 42.634 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

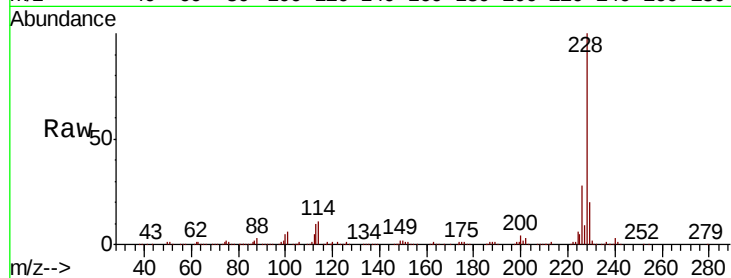
Tot Ion:228 Resp: 485373

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

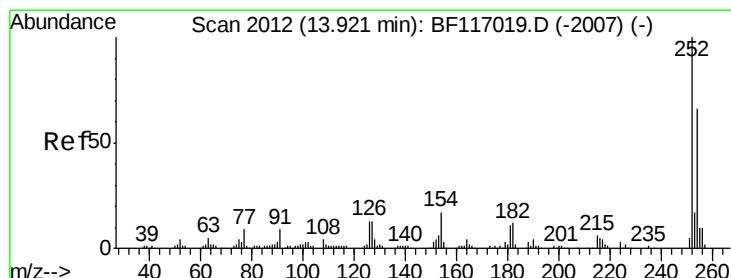
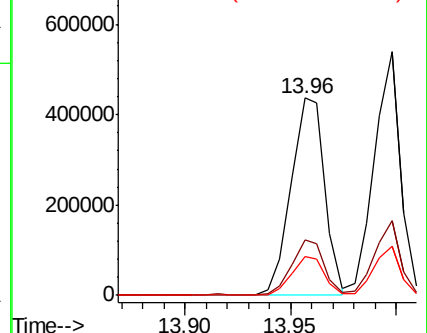
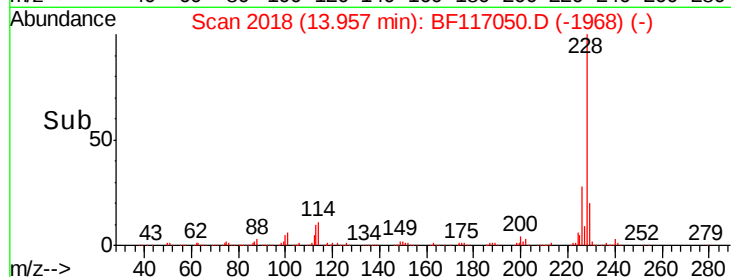
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.350 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

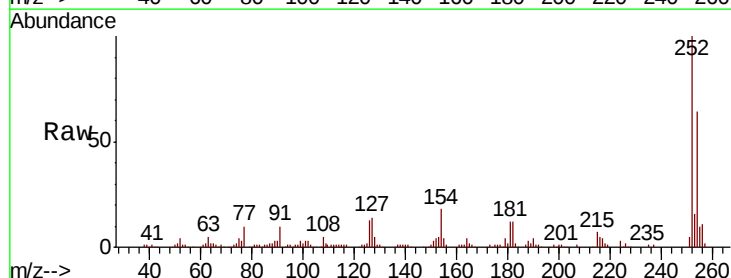
Tgt Ion:252 Resp: 129685

Ion Ratio Lower Upper

252 100

254 64.2 52.6 79.0

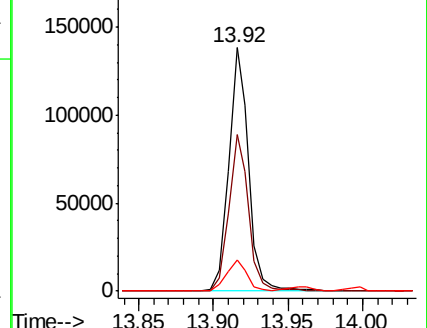
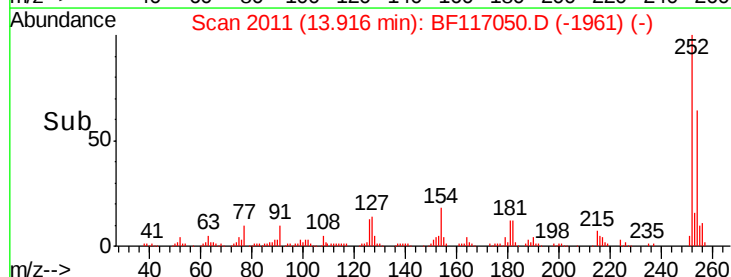
126 13.0 10.4 15.6

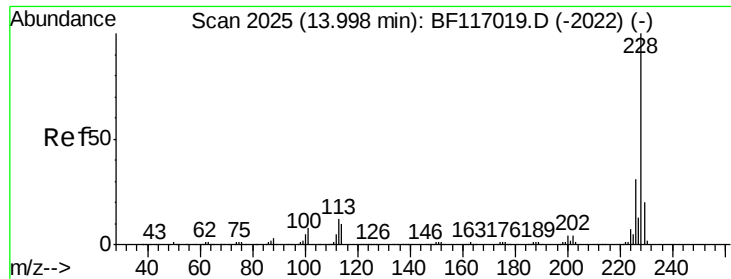


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.629 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Instrument :

BNA_F

ClientSampleId :

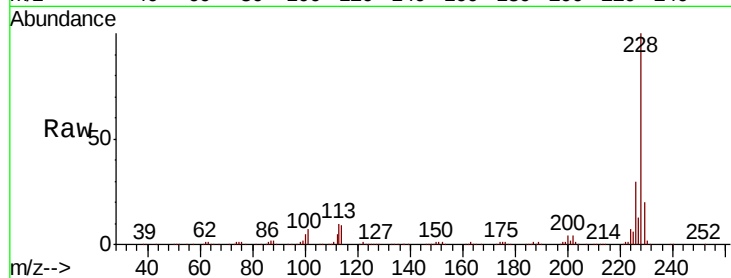
Tot Ion:228 Resp: 473335

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

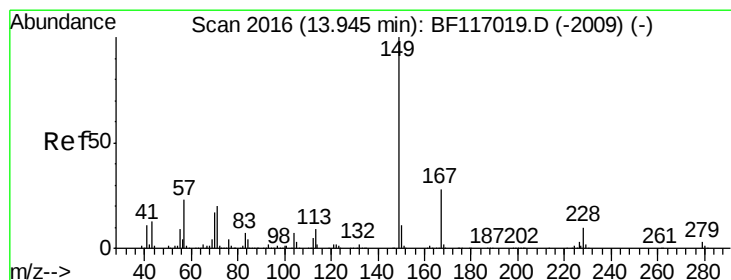
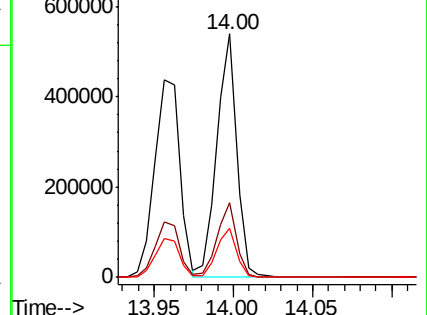
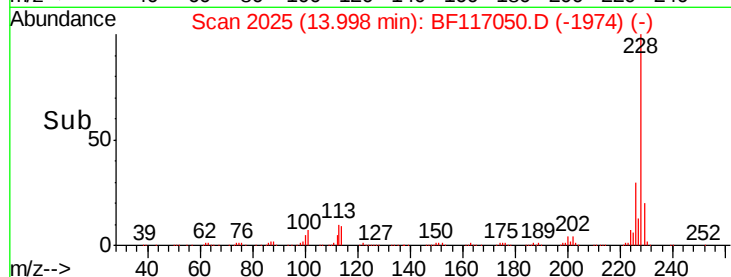
229 20.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.088 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

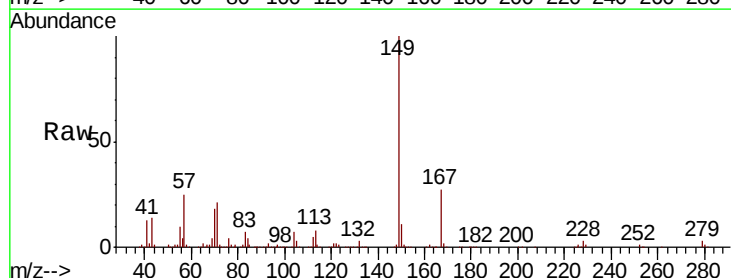
Tgt Ion:149 Resp: 392754

Ion Ratio Lower Upper

149 100

167 27.3 22.2 33.2

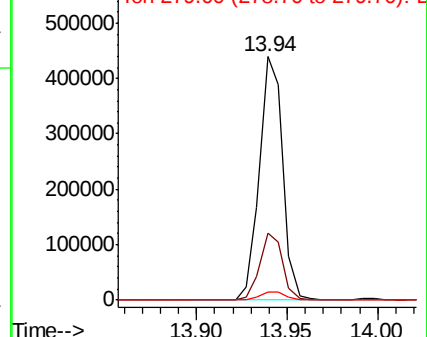
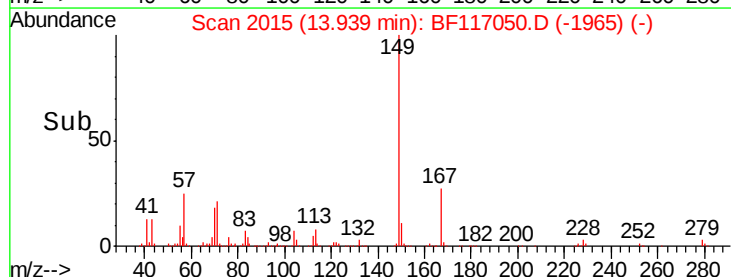
279 3.2 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

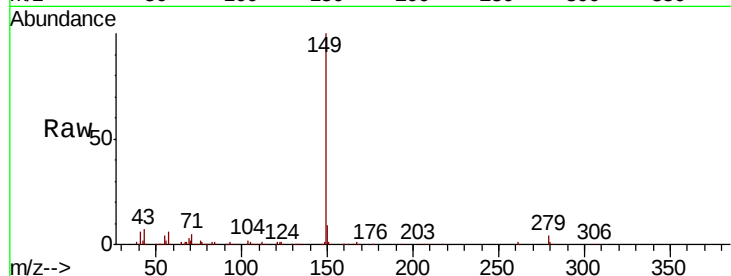




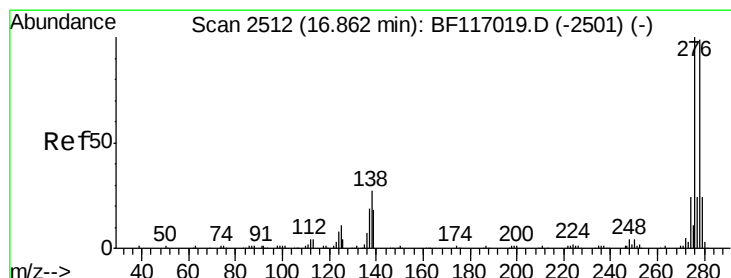
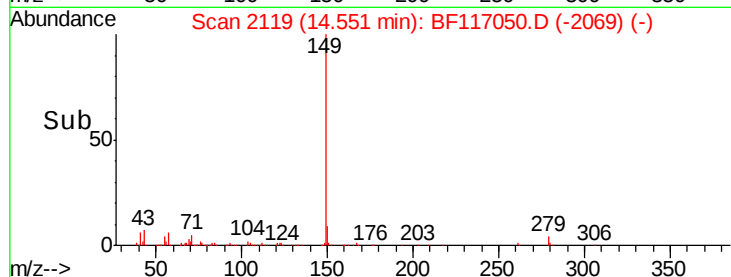
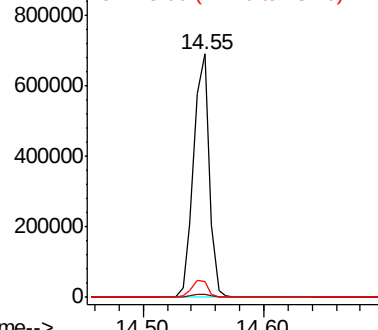
#85
Di-n-octyl phthalate
Concen: 44.952 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.3	6.2	9.4

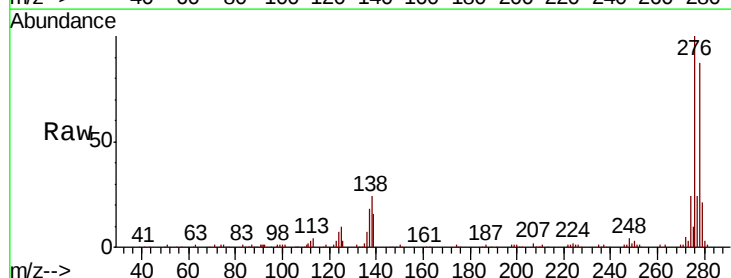


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

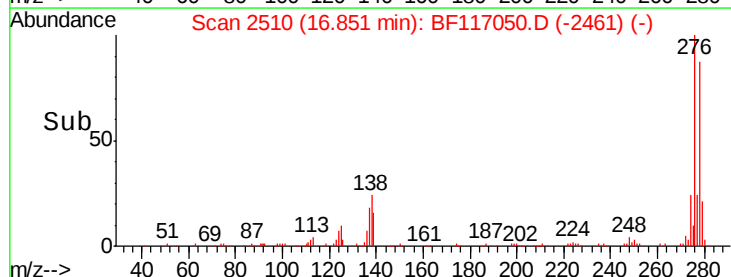
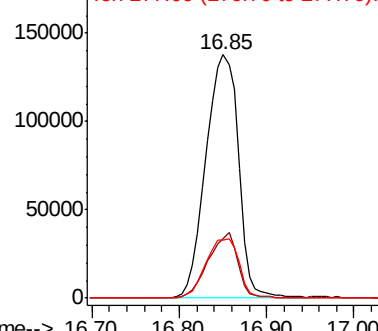


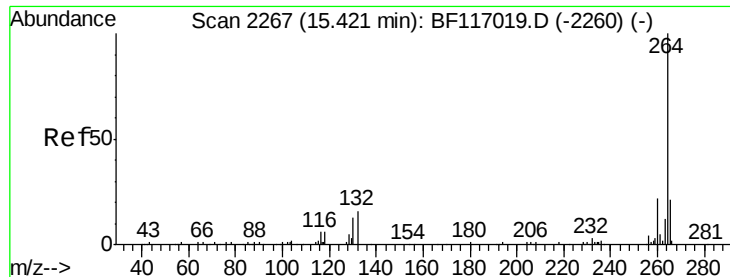
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.078 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.7	31.1
277	24.9	19.8	29.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

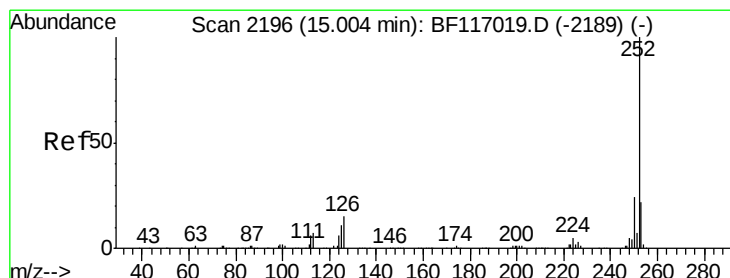
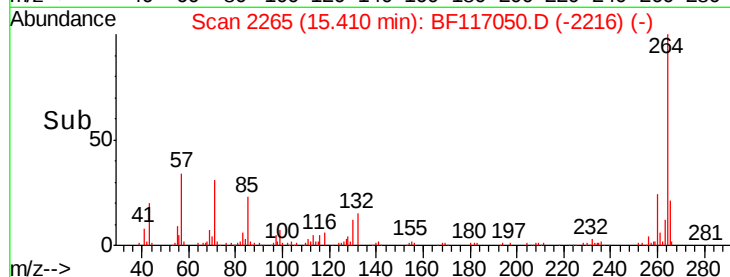
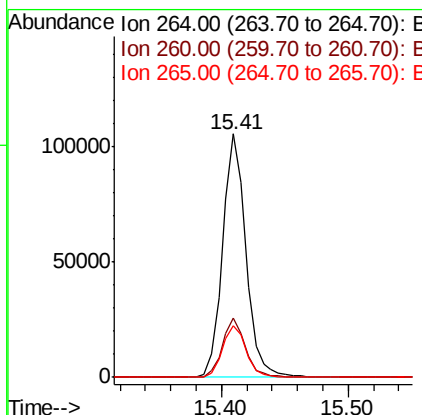
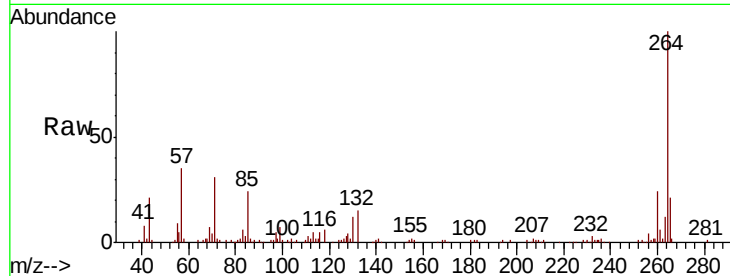




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

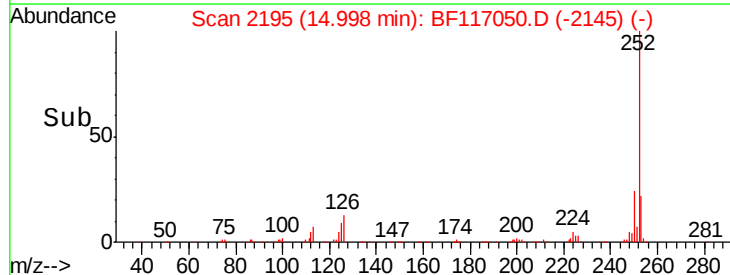
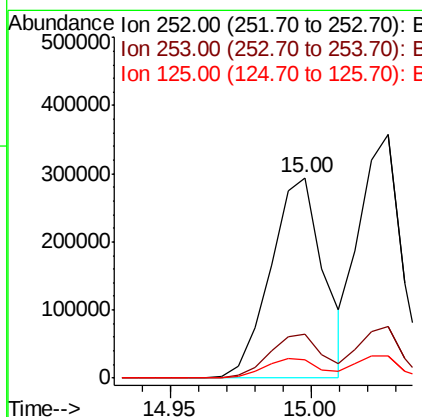
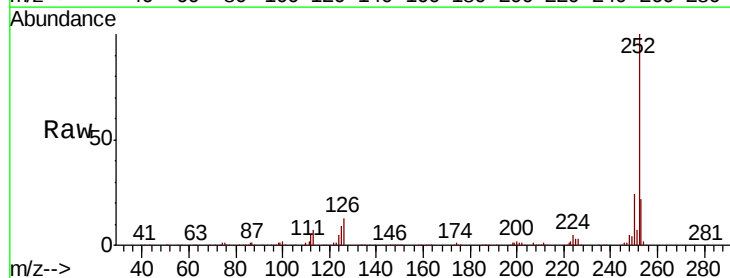
Instrument :
BNA_F
ClientSampled :

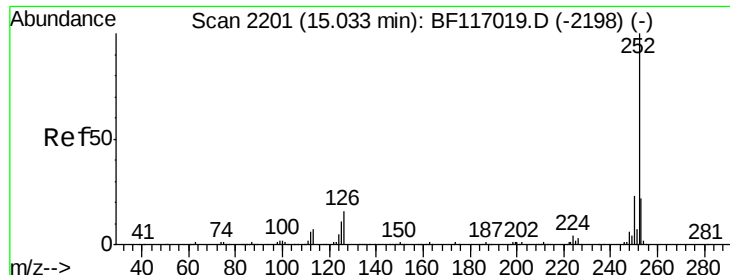
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.6	26.4
265	21.0	16.6	24.8



#88
Benzo(b)fluoranthene
Concen: 47.257 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	9.3	8.6	12.8

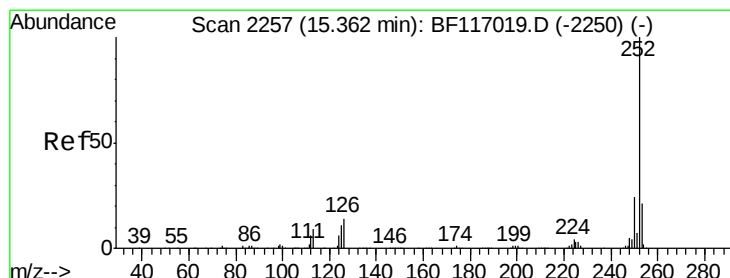
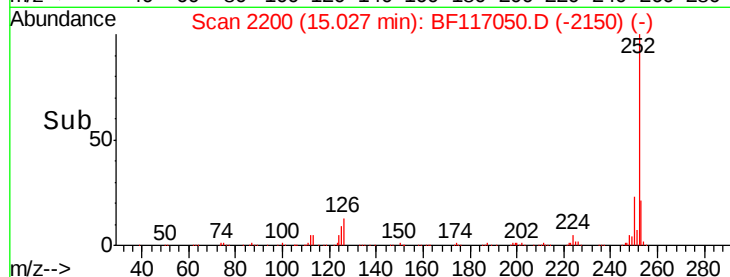
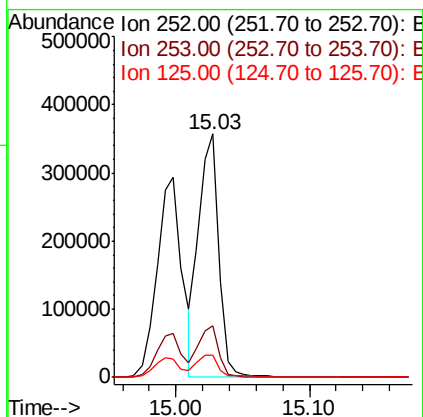
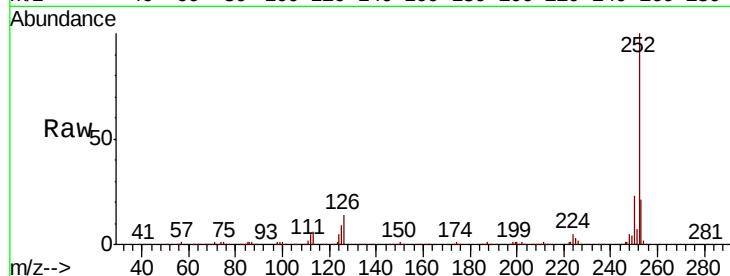




#89
Benzo(k)fluoranthene
Concen: 47.956 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

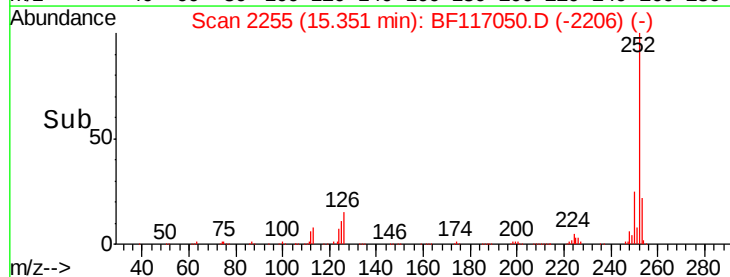
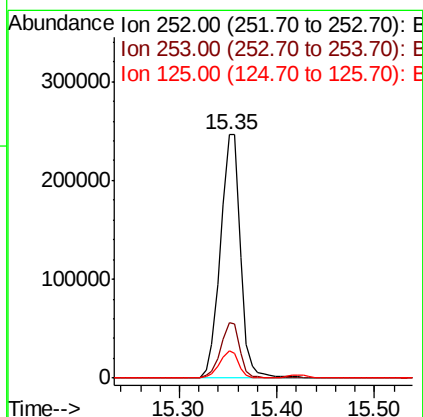
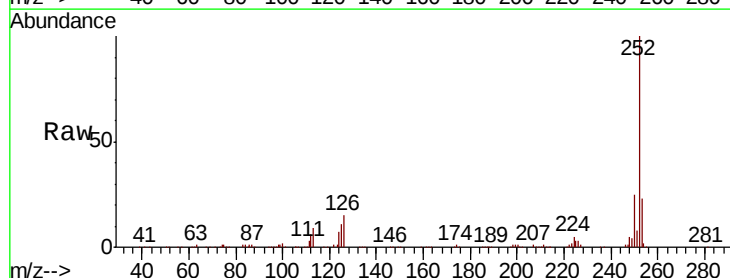
Instrument :
BNA_F
ClientSampleId :

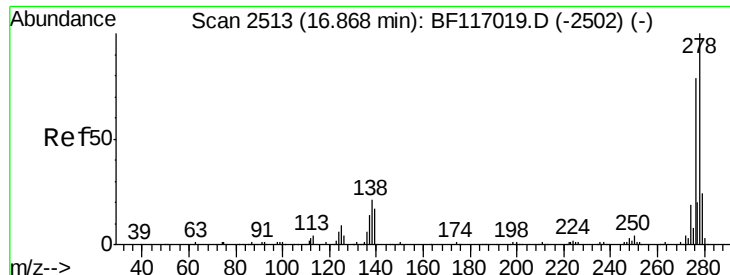
Tot Ion:252 Resp: 369631
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 9.0 8.8 13.2



#90
Benzo(a)pyrene
Concen: 49.140 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF117050.D
Acq: 16 Sep 2019 9:28

Tgt Ion:252 Resp: 350869
Ion Ratio Lower Upper
252 100
253 22.5 16.6 25.0
125 11.3 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 51.896 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

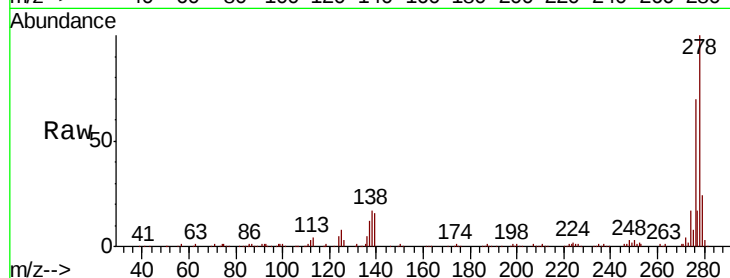
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 295185

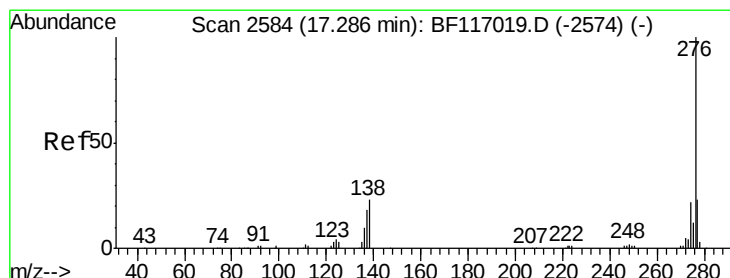
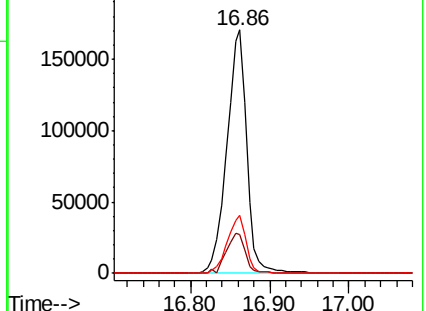
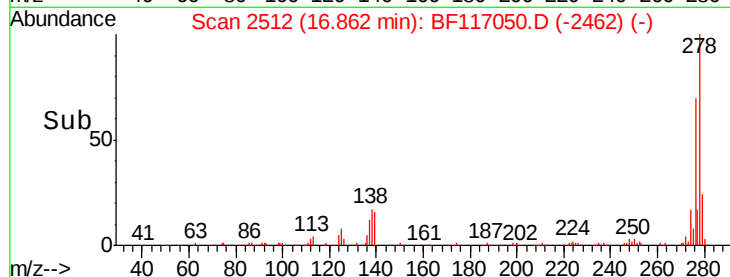
Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.5	20.3
279	23.9	18.8	28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.642 ng

RT: 17.28 min Scan# 2583

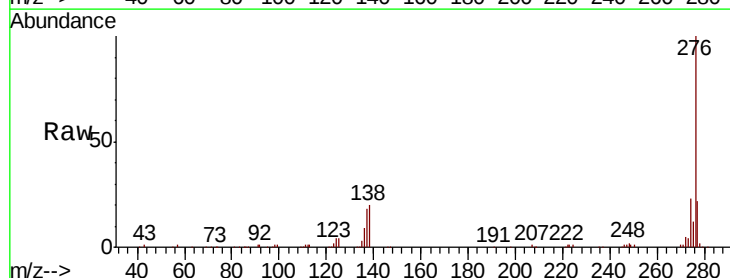
Delta R.T. -0.01 min

Lab File: BF117050.D

Acq: 16 Sep 2019 9:28

Tgt Ion:276 Resp: 292710

Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.6	27.8
138	19.6	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

