

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117020.D
 Acq On : 13 Sep 2019 13:49
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 14:49:33 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 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	78428	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	315452	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	158943	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	258454	20.00	ng	0.00
76) Chrysene-d12	13.97	240	184194	20.00	ng	0.00
87) Perylene-d12	15.43	264	153328	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	495518	102.36	ng	0.00
7) Phenol-d6	6.46	99	638397	100.43	ng	0.00
23) Nitrobenzene-d5	7.39	82	602391	109.01	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	128656	121.08	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	987788	104.84	ng	0.00
79) Terphenyl-d14	12.92	244	948673	95.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	105163	47.058	ng	98
3) Pyridine	3.30	79	295988	45.744	ng	96
4) n-Nitrosodimethylamine	3.26	42	97694	43.968	ng	96
6) Aniline	6.49	93	413080	46.917	ng	97
8) 2-Chlorophenol	6.61	128	265740	50.285	ng	98
9) Benzaldehyde	6.37	77	159598	38.109	ng	99
10) Phenol	6.47	94	347820	49.413	ng	99
11) bis(2-Chloroethyl)ether	6.56	93	251371	45.863	ng	99
12) 1,3-Dichlorobenzene	6.77	146	300650	50.336	ng	98
13) 1,4-Dichlorobenzene	6.84	146	298443	50.189	ng	99
14) 1,2-Dichlorobenzene	7.00	146	286032	51.905	ng	98
15) Benzyl Alcohol	6.97	79	243731	47.234	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	253563	39.431	ng	98
17) 2-Methylphenol	7.08	107	222182	48.027	ng	96
18) Hexachloroethane	7.34	117	118146	51.139	ng	94
19) n-Nitroso-di-n-propylamine	7.24	70	188730	45.091	ng	94
20) 3+4-Methylphenols	7.23	107	274666	51.063	ng	91
22) Acetophenone	7.23	105	396468	52.204	ng	# 95
24) Nitrobenzene	7.41	77	298421	53.100	ng	97
25) Isophorone	7.65	82	516312	46.111	ng	99
26) 2-Nitrophenol	7.72	139	130730	62.568	ng	95
27) 2,4-Dimethylphenol	7.76	122	200889	47.607	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	320686	46.867	ng	99
29) 2,4-Dichlorophenol	7.97	162	211019	52.036	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	226720	51.545	ng	100
31) Naphthalene	8.13	128	751022	50.068	ng	99
32) Benzoic acid	7.90	122	149382	62.696	ng	98
33) 4-Chloroaniline	8.17	127	334063	48.925	ng	98
34) Hexachlorobutadiene	8.25	225	129406	53.958	ng	98
35) Caprolactam	8.55	113	70983	46.771	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	243580	52.261	ng	97
37) 2-Methylnaphthalene	8.82	142	502922	50.391	ng	98
38) 1-Methylnaphthalene	8.92	142	467431	49.614	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	201729	52.945	ng	99

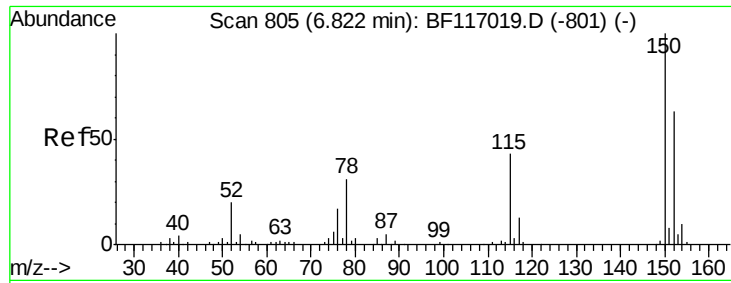
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117020.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 14:40:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	80404	36.543	ng	98
43) 2,4,6-Trichlorophenol	9.10	196	137210	52.534	ng	97
44) 2,4,5-Trichlorophenol	9.14	196	146789	54.134	ng	95
46) 1,1'-Biphenyl	9.28	154	612224	50.762	ng	99
47) 2-Chloronaphthalene	9.30	162	479292	50.174	ng	98
48) 2-Nitroaniline	9.40	65	160517	58.123	ng	91
49) Acenaphthylene	9.72	152	724704	50.187	ng	100
50) Dimethylphthalate	9.58	163	545839	49.742	ng	100
51) 2,6-Dinitrotoluene	9.64	165	116108	55.457	ng #	83
52) Acenaphthene	9.89	154	426871	48.112	ng	99
53) 3-Nitroaniline	9.81	138	148409	56.564	ng	99
54) 2,4-Dinitrophenol	9.92	184	43301	70.400	ng	94
55) Dibenzofuran	10.06	168	633473	50.647	ng	98
56) 4-Nitrophenol	9.97	139	98548	54.778	ng	95
57) 2,4-Dinitrotoluene	10.05	165	156227	61.026	ng	96
58) Fluorene	10.40	166	508817	53.390	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	108875	55.635	ng	91
60) Diethylphthalate	10.27	149	537469	48.896	ng	98
61) 4-Chlorophenyl-phenylether	10.39	204	219717	52.648	ng	96
62) 4-Nitroaniline	10.43	138	149087	58.551	ng	97
63) Azobenzene	10.56	77	550895	48.064	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	58408	66.916	ng	83
66) n-Nitrosodiphenylamine	10.52	169	434910	48.643	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	130734	49.793	ng	95
68) Hexachlorobenzene	10.96	284	144152	52.476	ng	97
69) Atrazine	11.04	200	114477	45.716	ng	96
70) Pentachlorophenol	11.15	266	69212	52.084	ng	98
71) Phenanthrene	11.36	178	732236	50.895	ng	100
72) Anthracene	11.42	178	735157	50.761	ng	98
73) Carbazole	11.57	167	708715	51.372	ng	100
74) Di-n-butylphthalate	11.89	149	826577	46.737	ng	99
75) Fluoranthene	12.55	202	748154	52.914	ng	99
77) Benzidine	12.66	184	244460	33.837	ng	98
78) Pyrene	12.78	202	753431	46.015	ng	99
80) Butylbenzylphthalate	13.39	149	355368	44.630	ng	98
81) Benzo(a)anthracene	13.96	228	601842	51.627	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	189285	48.047	ng	98
83) Chrysene	14.00	228	585621	48.760	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	452596	46.047	ng	98
85) Di-n-octyl phthalate	14.57	149	698580	43.431	ng	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	402492	41.723	ng	99
88) Benzo(b)fluoranthene	15.02	252	468129	50.499	ng	99
89) Benzo(k)fluoranthene	15.04	252	440279	52.091	ng	98
90) Benzo(a)pyrene	15.37	252	399368	49.519	ng	97
91) Dibenzo(a,h)anthracene	16.88	278	321187	45.498	ng	99
92) Benzo(g,h,i)perylene	17.30	276	320715	44.546	ng	100

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

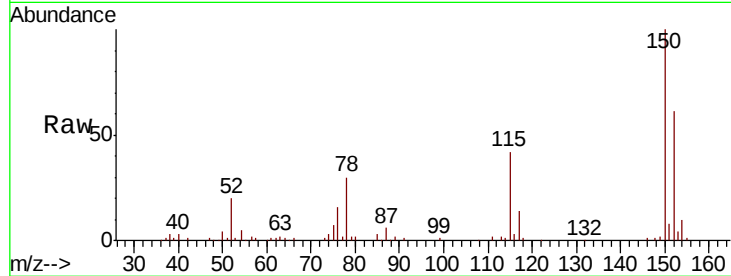


#1

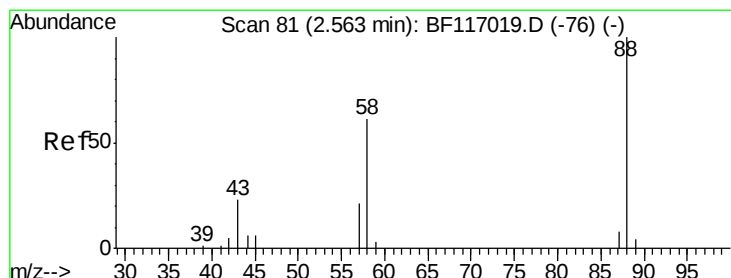
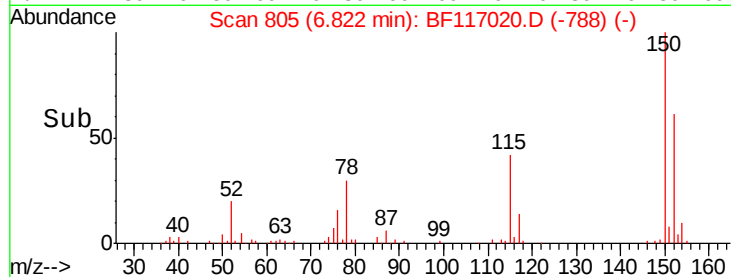
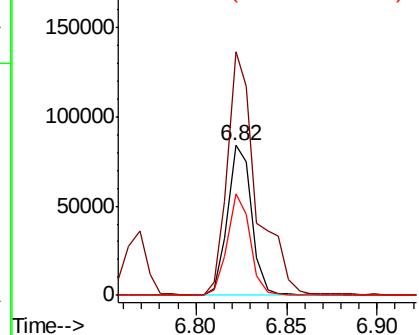
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78428
Ion Ratio Lower Upper
152 100
150 162.8 127.5 191.3
115 67.8 55.0 82.4



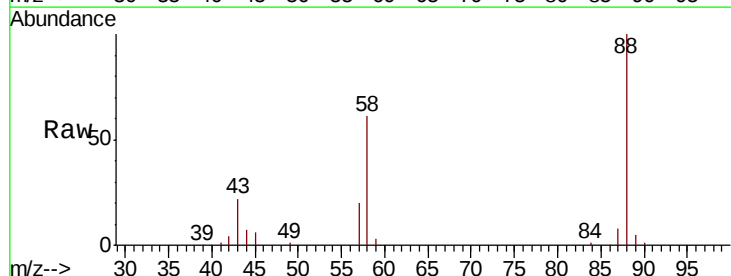
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



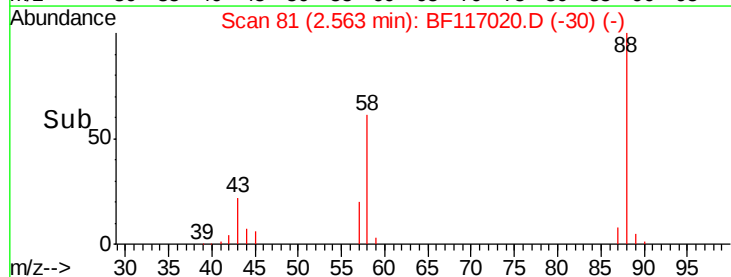
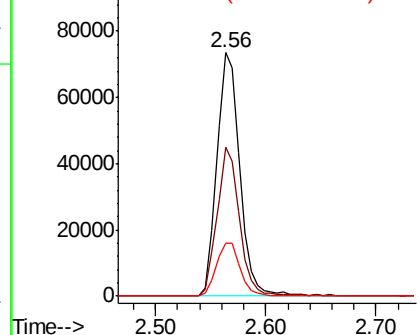
#2

1,4-Dioxane
Concen: 47.058 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion: 88 Resp: 105163
Ion Ratio Lower Upper
88 100
58 59.7 49.3 73.9
43 22.4 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: 45.744 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampleId :

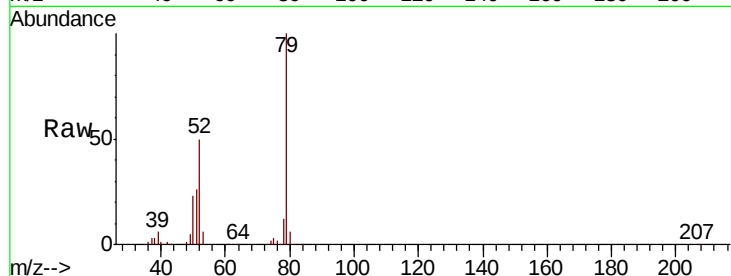
Tot Ion: 79 Resp: 295988

Ion Ratio Lower Upper

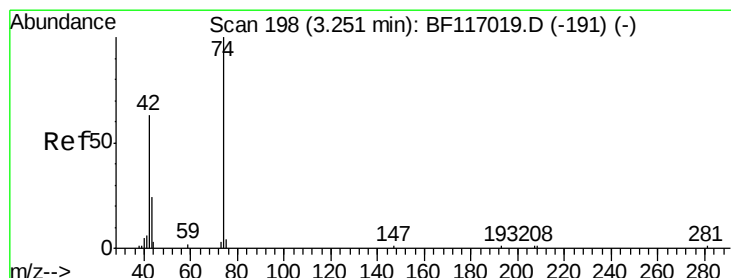
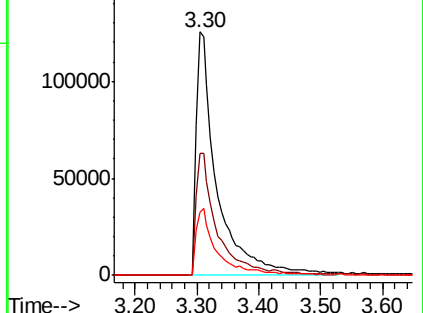
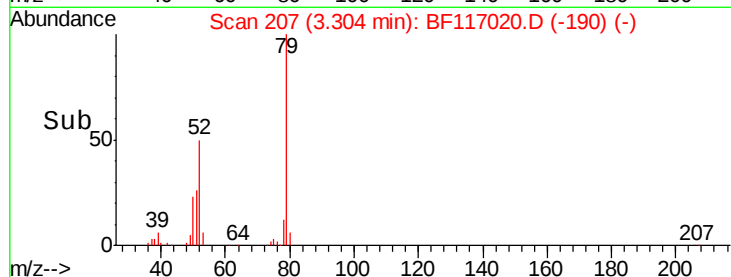
79 100

52 50.4 43.5 65.3

51 26.1 21.8 32.6



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



#4

n-Nitrosodimethylamine

Concen: 43.968 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

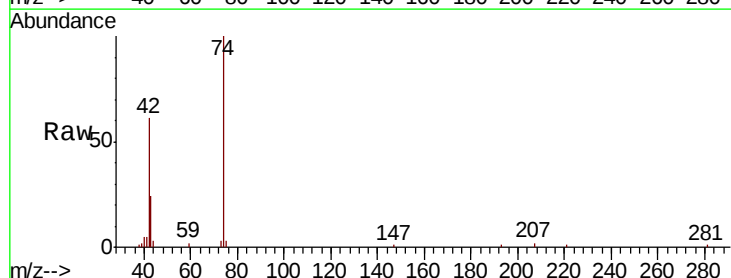
Tgt Ion: 42 Resp: 97694

Ion Ratio Lower Upper

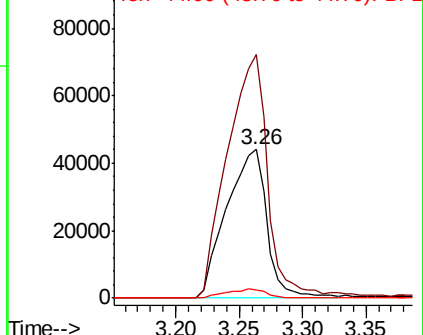
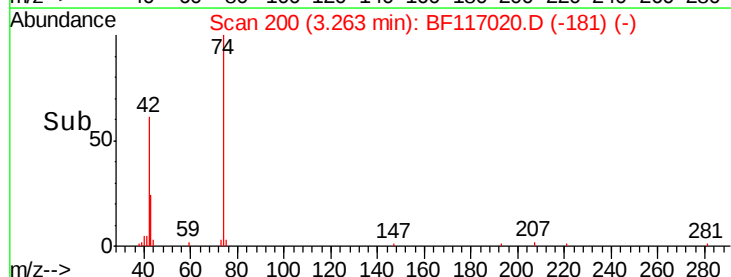
42 100

74 164.2 127.1 190.7

44 5.5 4.3 6.5



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





#5

2-Fluorophenol

Concen: 102.357 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampled :

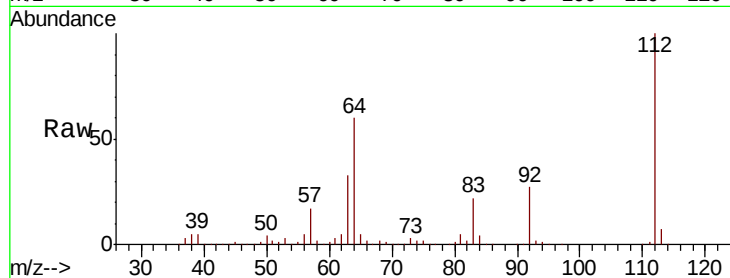
Tot Ion:112 Resp: 495518

Ion Ratio Lower Upper

112 100

64 59.8 45.7 68.5

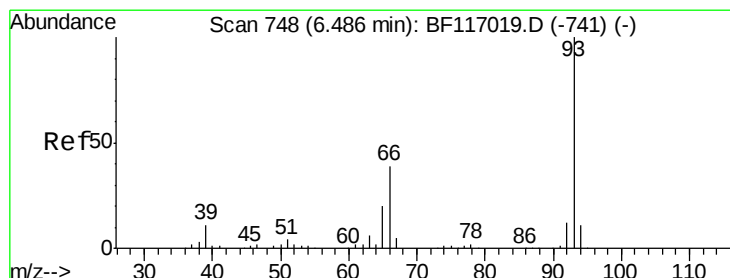
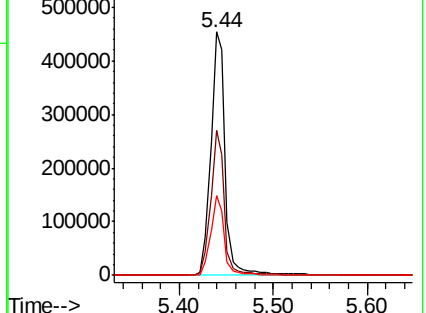
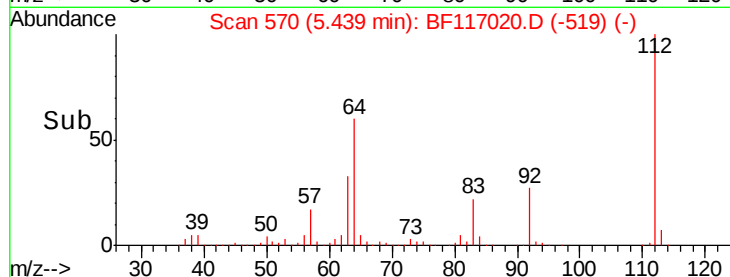
63 32.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 46.917 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

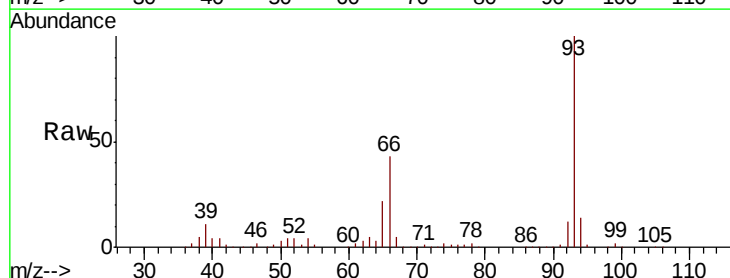
Tgt Ion: 93 Resp: 413080

Ion Ratio Lower Upper

93 100

66 42.7 32.6 49.0

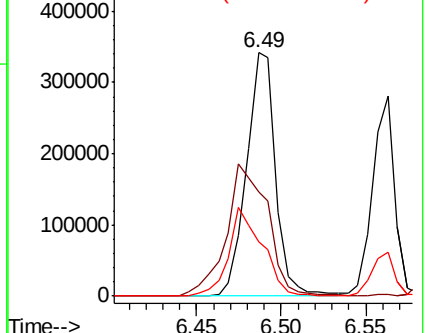
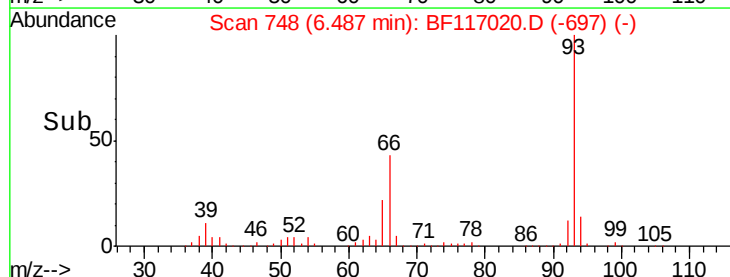
65 22.1 16.7 25.1

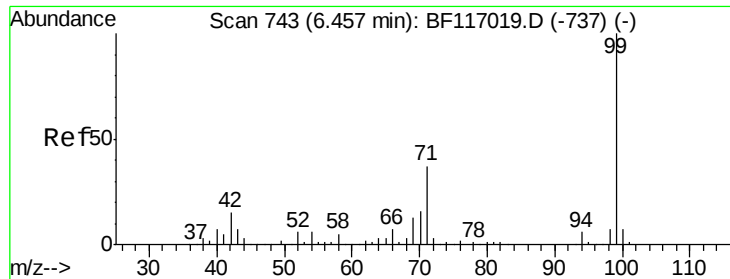


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 100.427 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

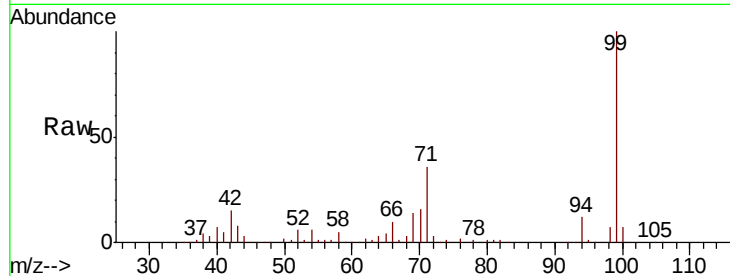
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 638397

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.2
71	36.4	29.8	44.8

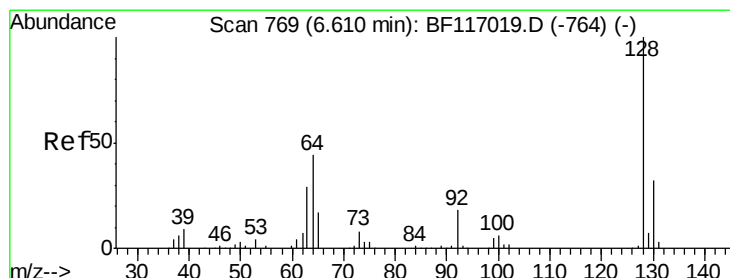
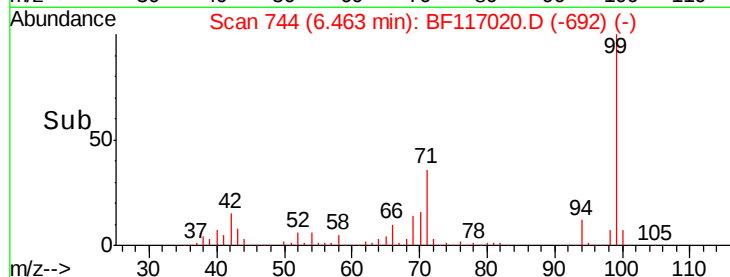
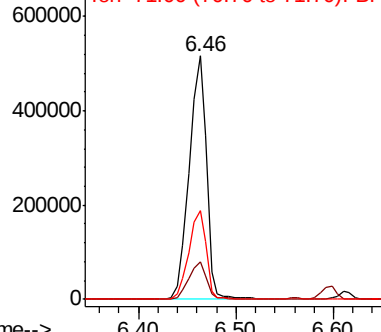


Abundance

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: 50.285 ng

RT: 6.61 min Scan# 769

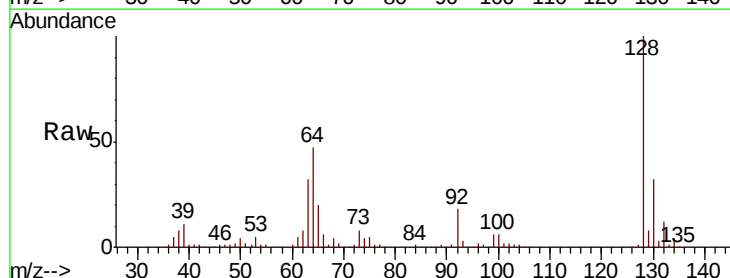
Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Tgt Ion: 128 Resp: 265740

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.8	51.8
64	47.1	25.0	65.0

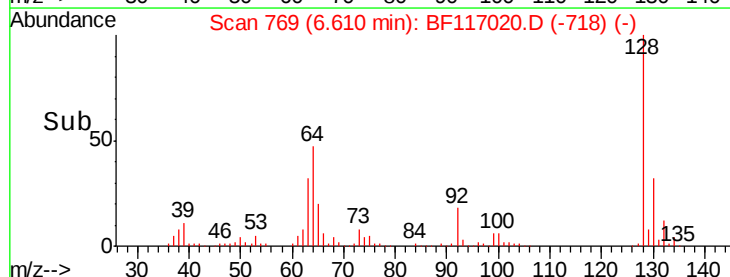
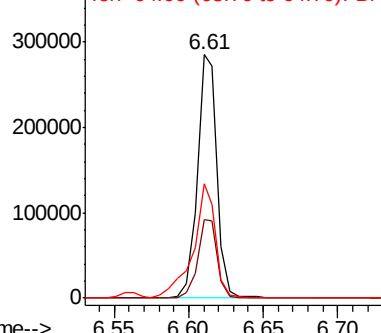


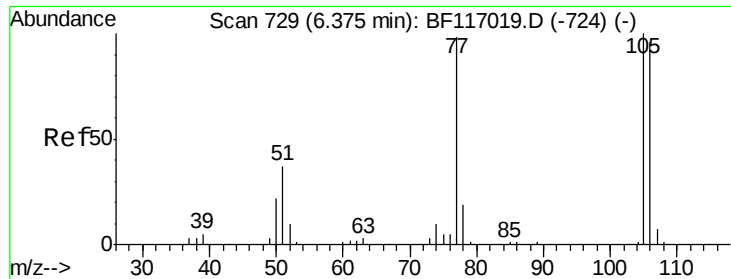
Abundance

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: 38.109 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampleId :

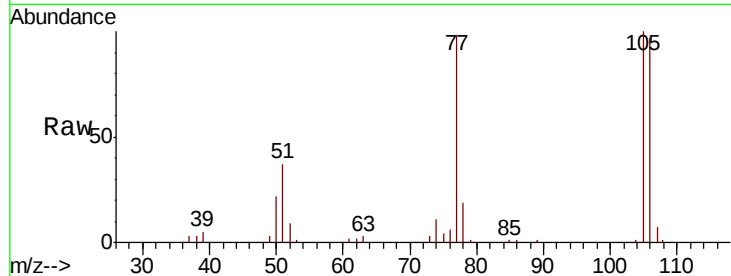
Tot Ion: 77 Resp: 159598

Ion Ratio Lower Upper

77 100

105 102.1 81.8 121.8

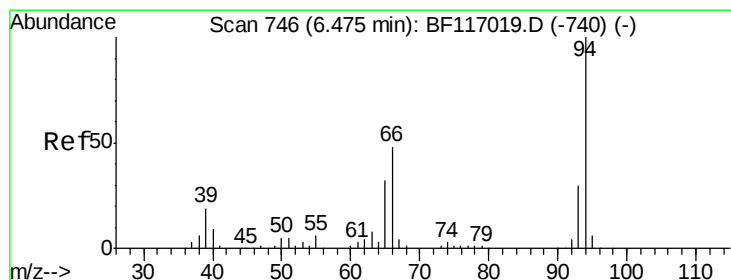
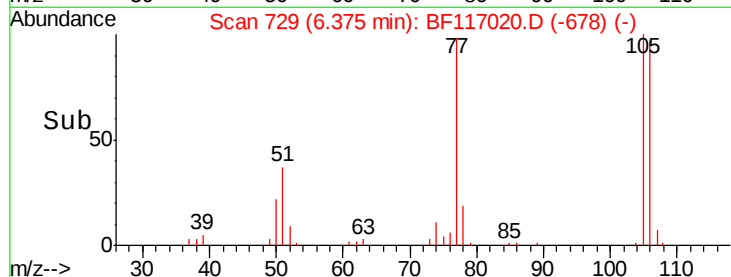
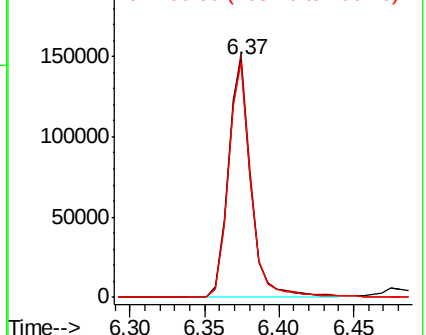
106 98.7 77.3 117.3



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: 49.413 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

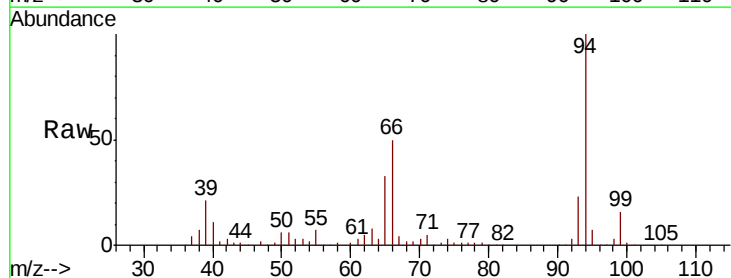
Tgt Ion: 94 Resp: 347820

Ion Ratio Lower Upper

94 100

65 33.1 12.5 52.5

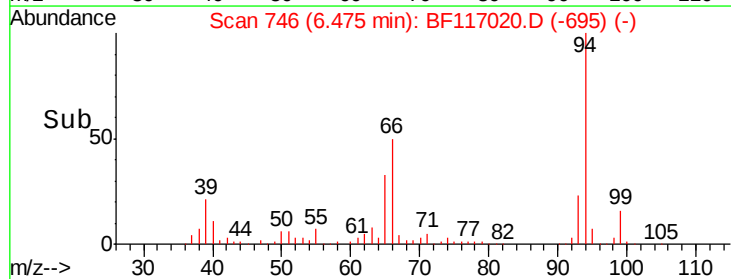
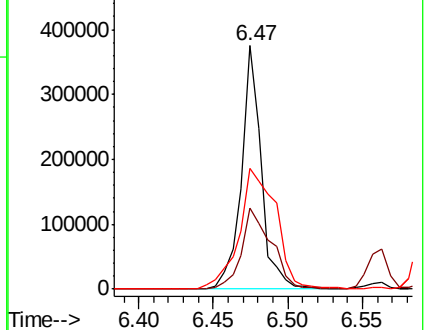
66 49.7 28.9 68.9

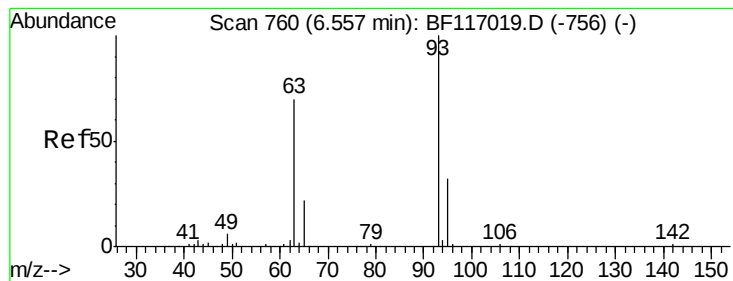


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

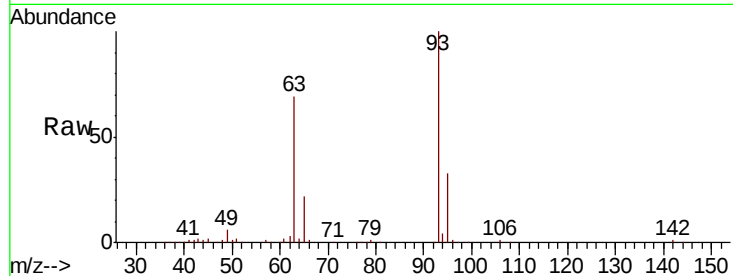




#11
bis(2-Chloroethyl)ether
Concen: 45.863 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.1	49.3	89.3
95	32.6	11.5	51.5

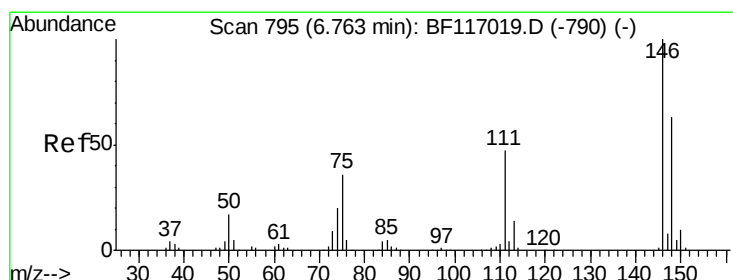
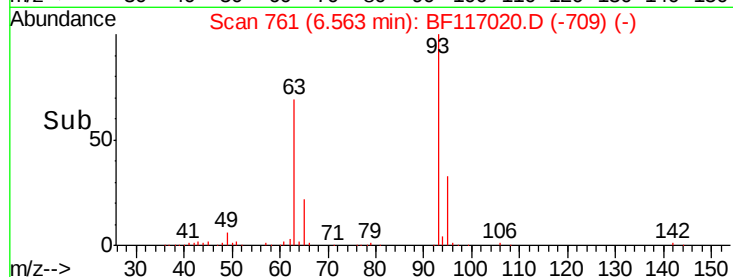
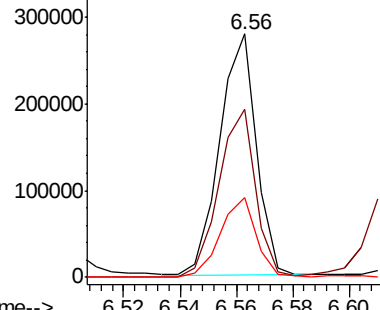


Abundance

Ion 93.00 (92.70 to 93.70): BF1

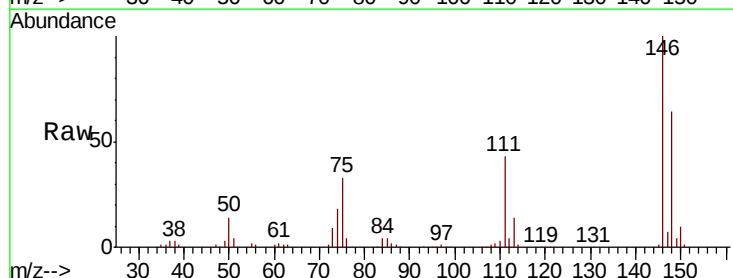
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 50.336 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
75	33.0	28.7	43.1

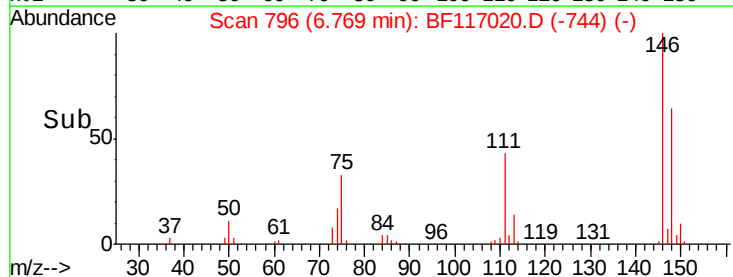
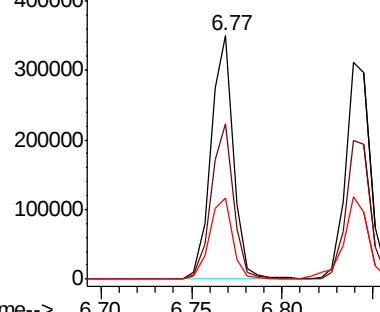


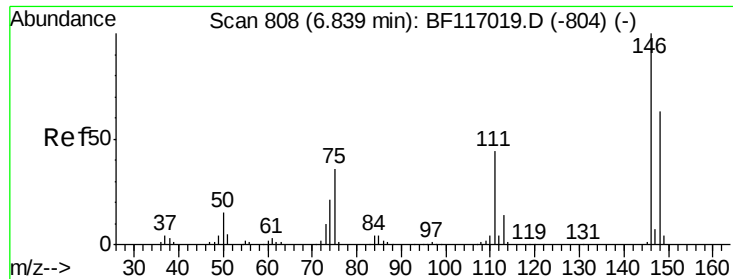
Abundance

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

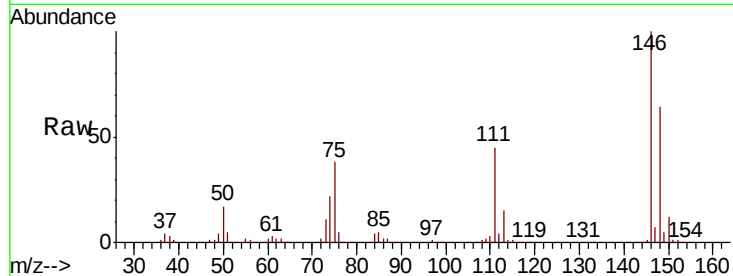




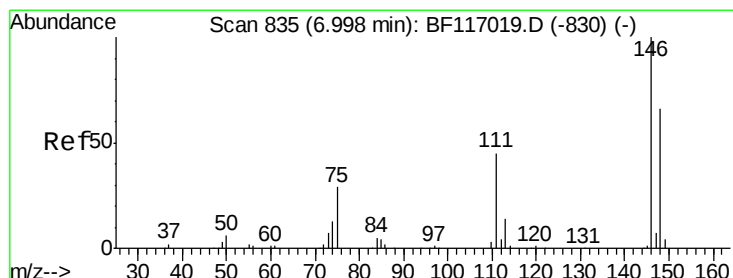
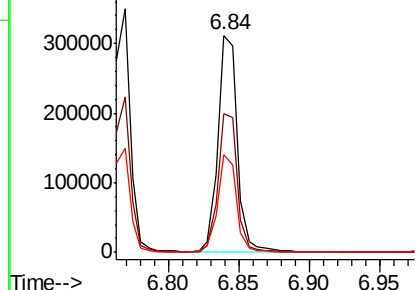
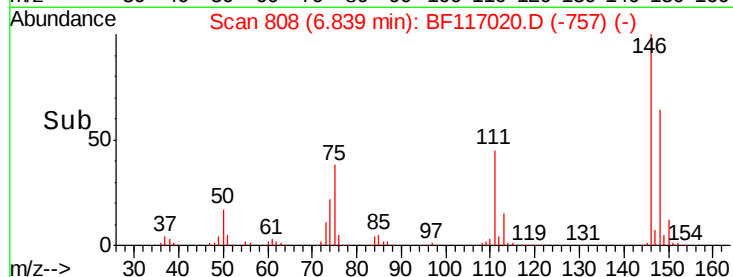
#13
 1,4-Dichlorobenzene
 Concen: 50.189 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 298443
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 76.0
 111 45.0 35.0 52.6

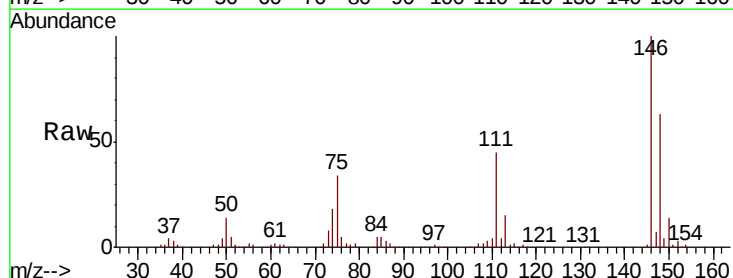


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

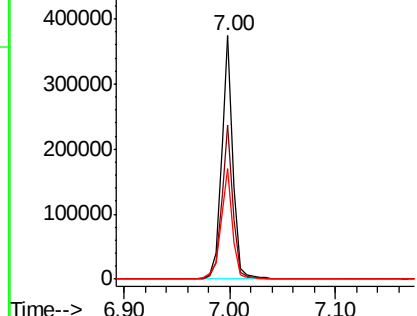
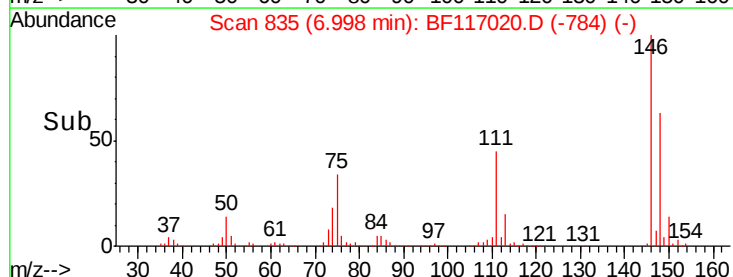


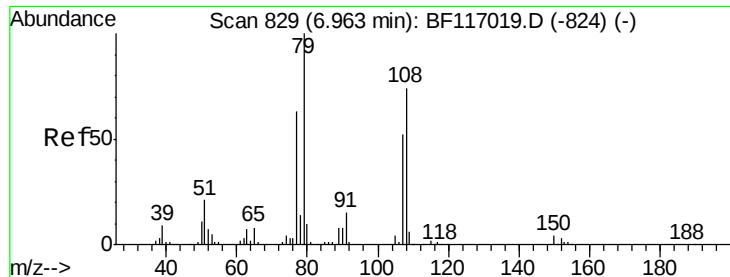
#14
 1,2-Dichlorobenzene
 Concen: 51.905 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion:146 Resp: 286032
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.6 78.8
 111 45.5 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 47.234 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampleId :

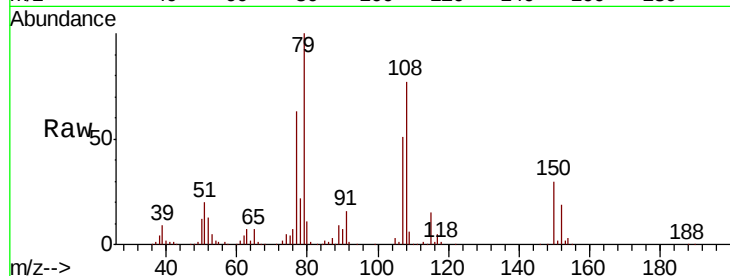
Tot Ion: 79 Resp: 243731

Ion Ratio Lower Upper

79 100

108 76.8 59.4 89.0

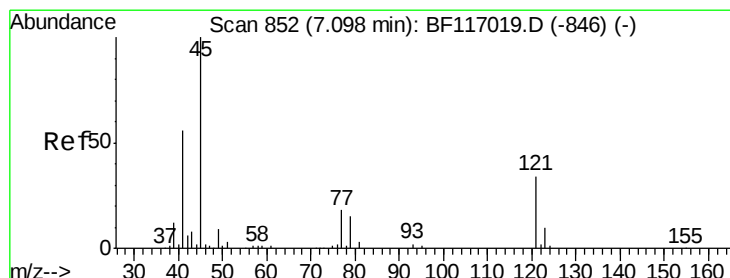
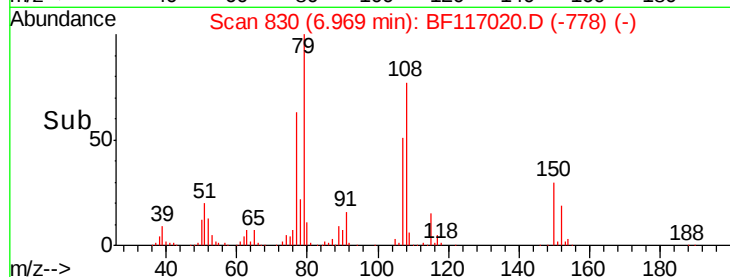
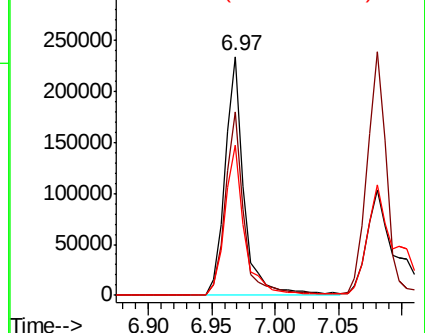
77 62.9 50.2 75.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.431 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

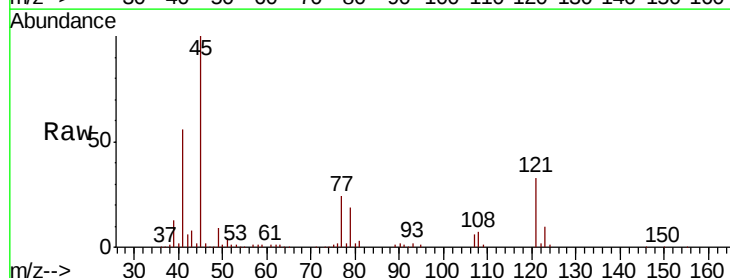
Tgt Ion: 45 Resp: 253563

Ion Ratio Lower Upper

45 100

77 24.3 2.7 42.7

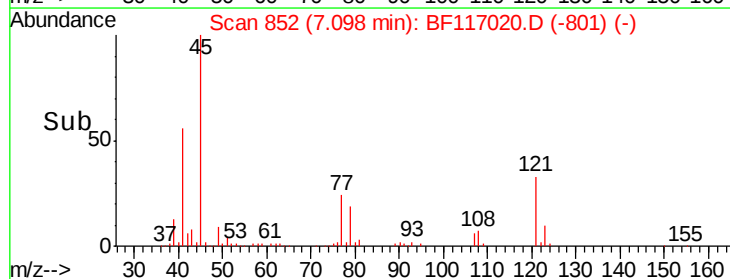
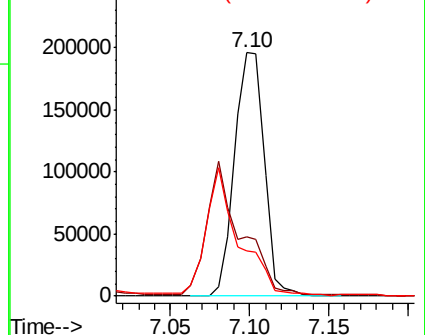
79 18.7 0.0 38.9

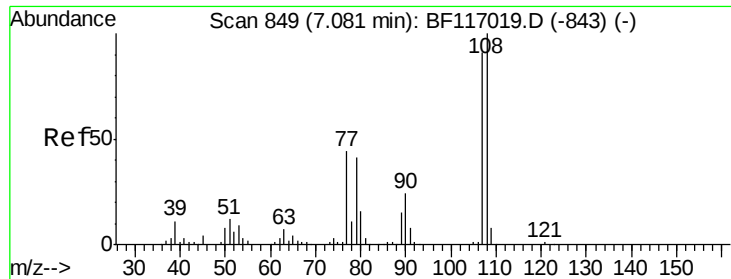


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

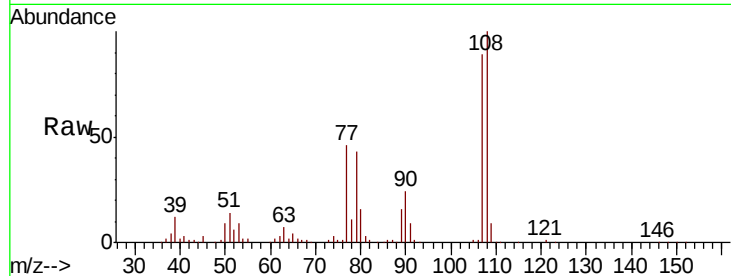




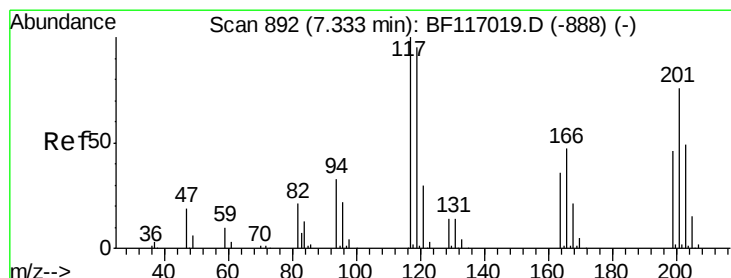
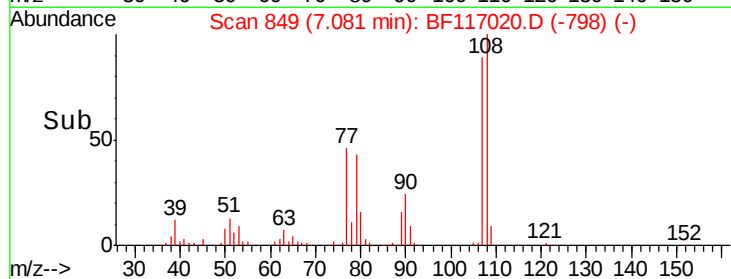
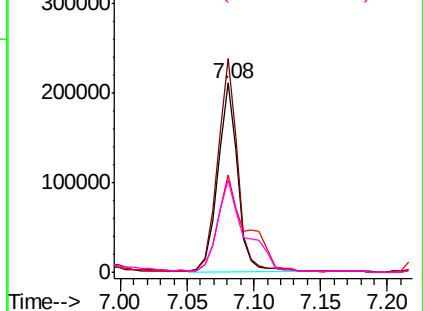
#17
2-Methylphenol
Concen: 48.027 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	222182
Ion	Ratio	Lower	Upper
107	100		
108	112.9	87.7	131.5
77	51.4	38.6	58.0
79	48.9	36.8	55.2

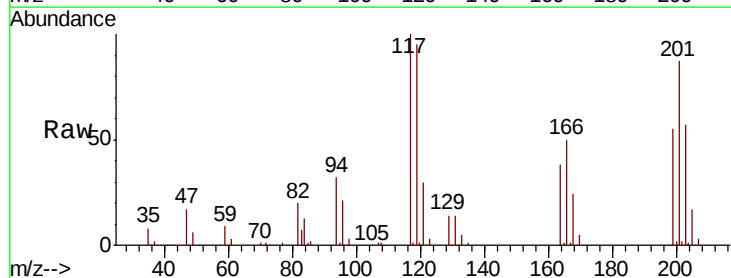


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

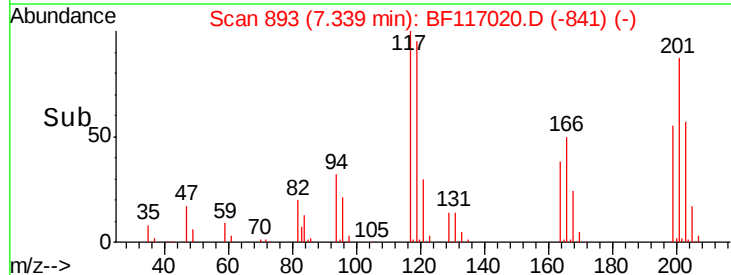
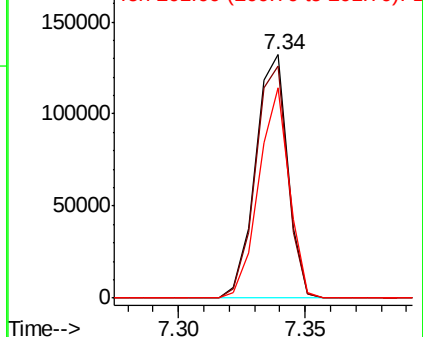


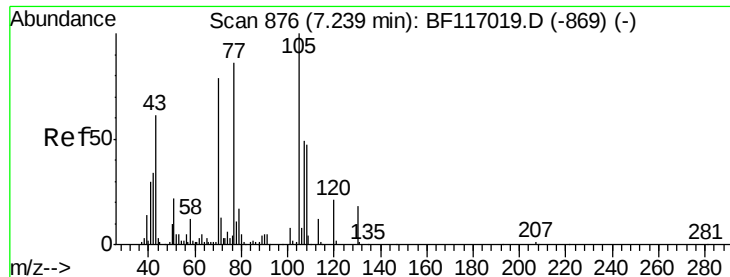
#18
Hexachloroethane
Concen: 51.139 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:	117	Resp:	118146
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	86.6	60.9	91.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

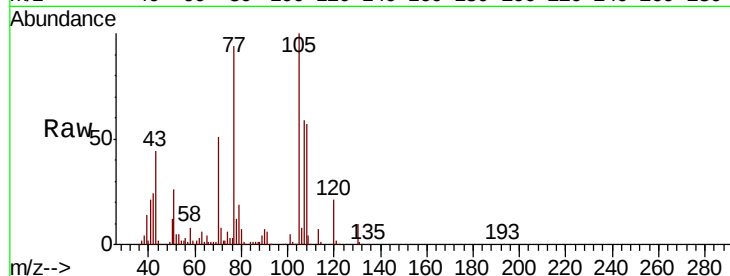




#19
n-Nitroso-di-n-propylamine
Concen: 45.091 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	188730
Ion	Ratio	Lower	Upper
70	100		
42	47.4	34.0	51.0
101	9.1	7.8	11.6
130	20.1	17.8	26.8



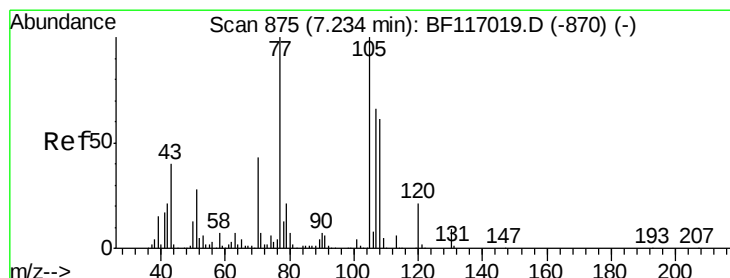
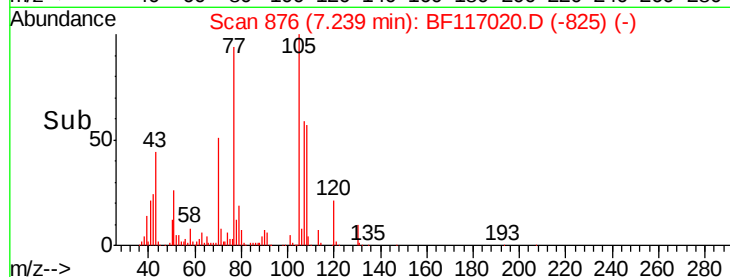
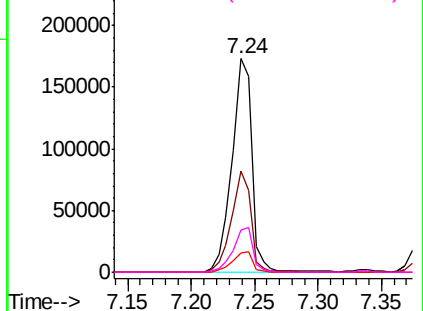
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

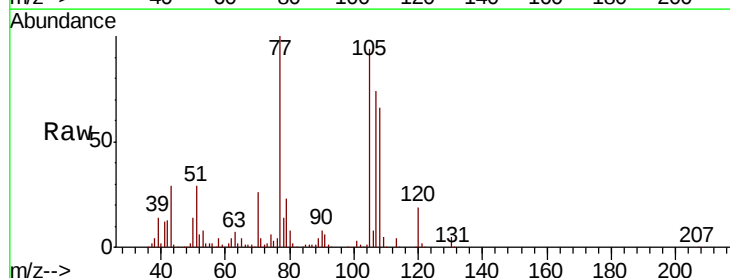
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 51.063 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:	107	Resp:	274666
Ion	Ratio	Lower	Upper
107	100		
108	89.2	72.6	112.6
77	135.1	132.1	172.1
79	30.7	12.1	52.1



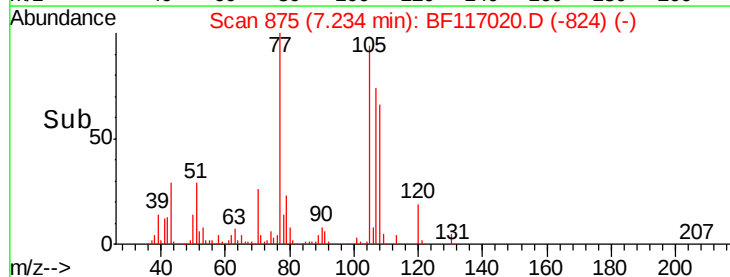
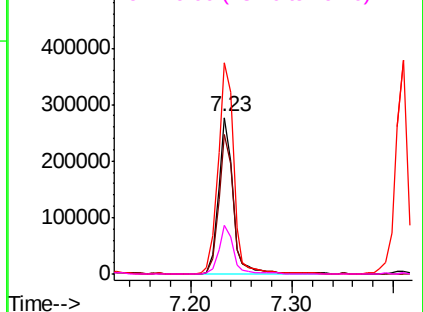
Abundance

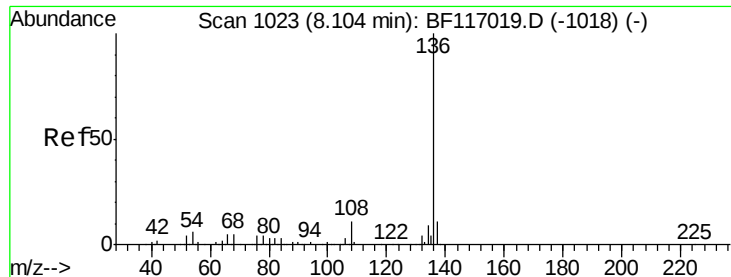
Ion 107.00 (106.70 to 107.70): BF1

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

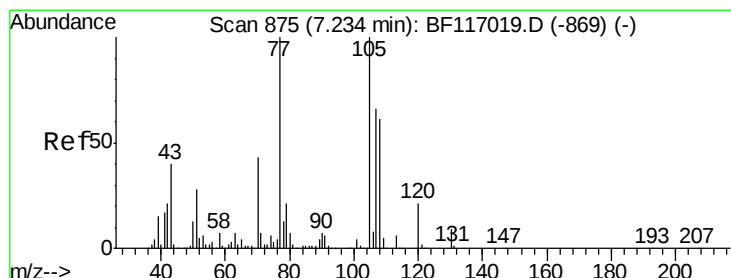
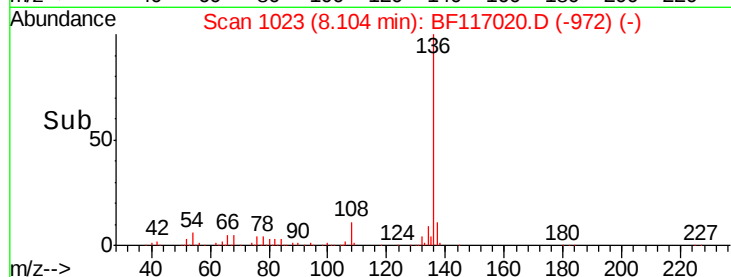
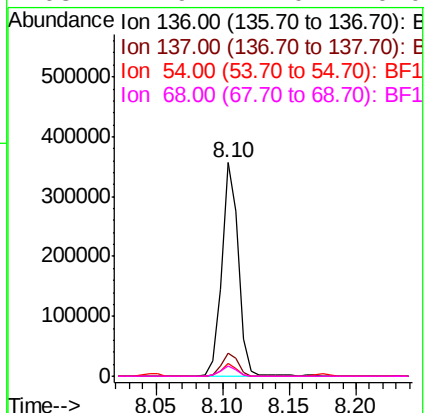
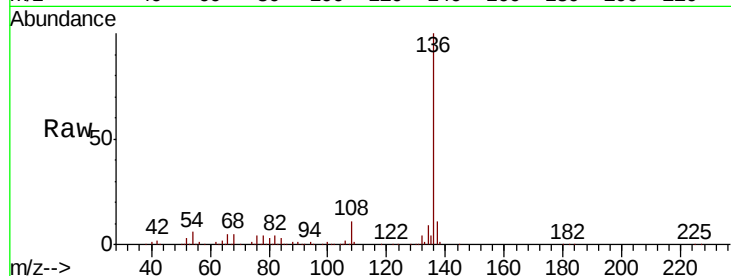




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

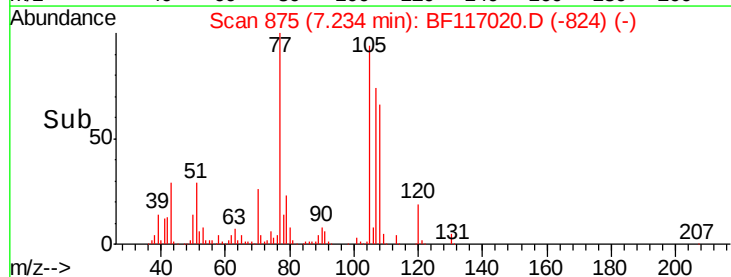
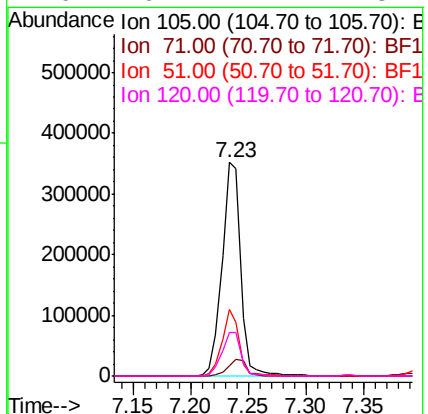
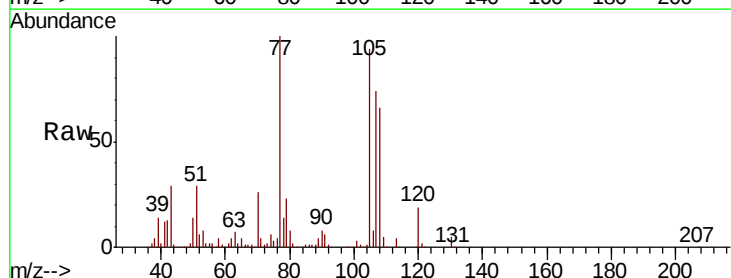
Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	315452
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.0 13.4
54	5.8	4.5 6.7
68	4.9	4.0 6.0



#22
Acetophenone
Concen: 52.204 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:105	Resp:	396468
Ion Ratio	Lower	Upper
105	100	
71	4.6	5.7 8.5#
51	31.3	22.1 33.1
120	20.4	17.1 25.7

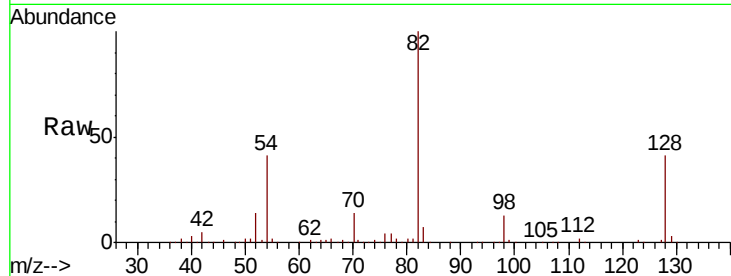




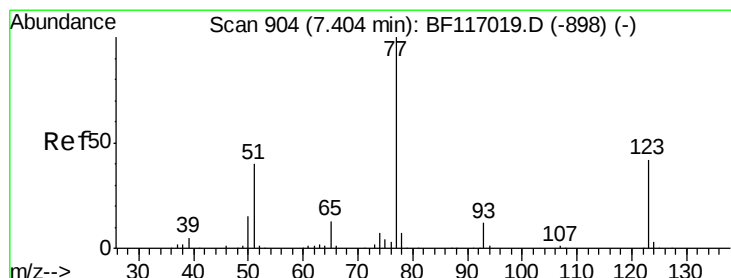
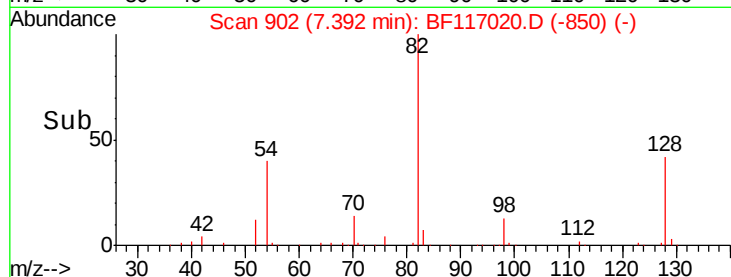
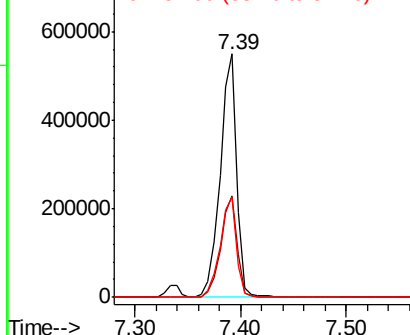
#23
Nitrobenzene-d5
Concen: 109.015 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	602391
Ion Ratio	100	Lower	Upper
128	41.5	32.3	48.5
54	41.0	33.3	49.9

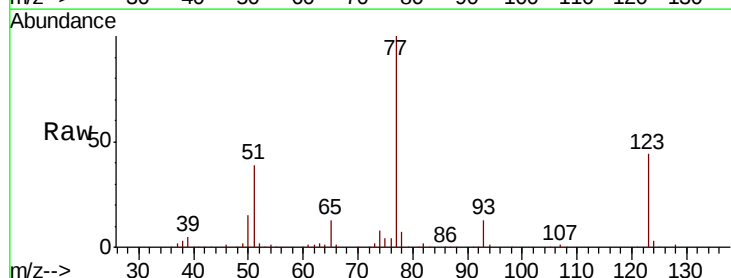


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

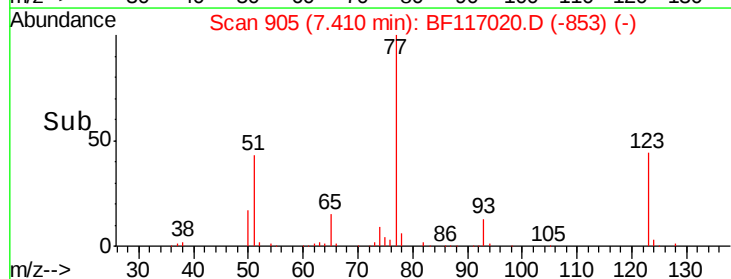
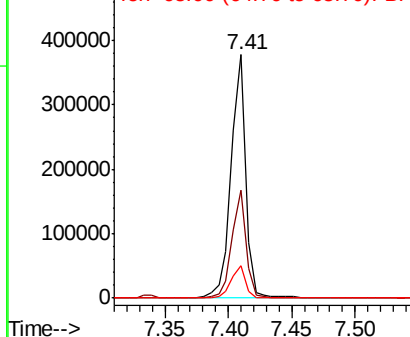


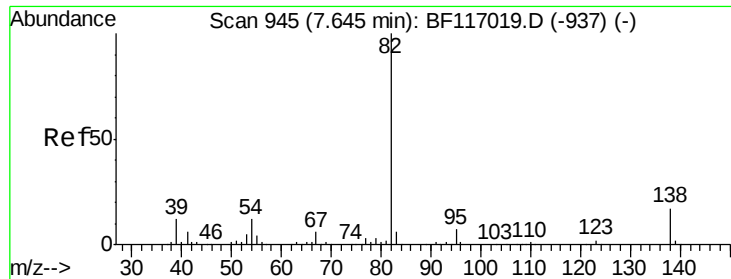
#24
Nitrobenzene
Concen: 53.100 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion	77	Resp	298421
Ion Ratio	100	Lower	Upper
123	44.2	33.5	50.3
65	13.4	10.5	15.7



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





#25

Isophorone

Concen: 46.111 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampleId :

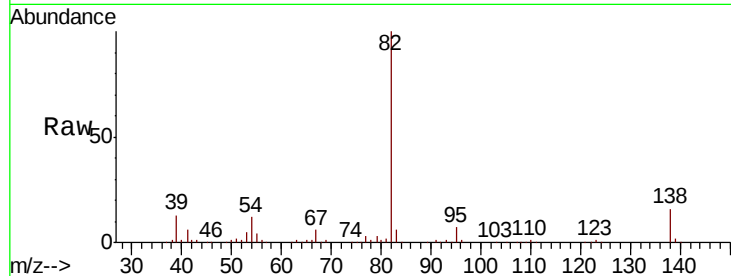
Tot Ion: 82 Resp: 516312

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

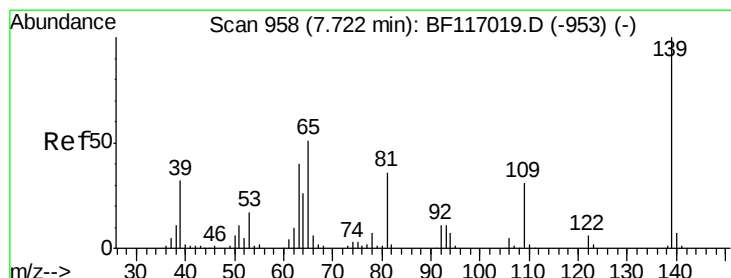
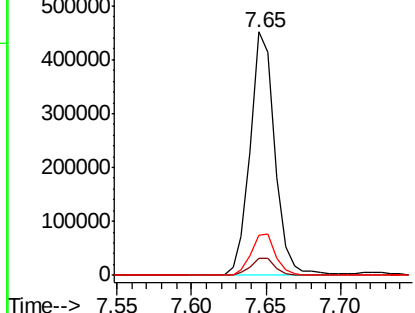
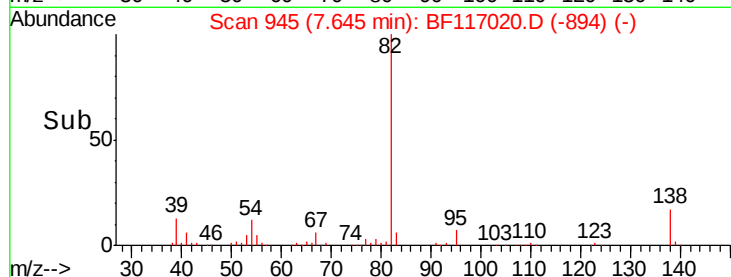
138 16.3 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 62.568 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

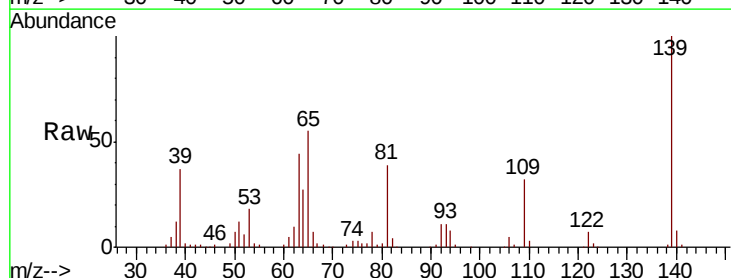
Tgt Ion: 139 Resp: 130730

Ion Ratio Lower Upper

139 100

109 31.9 24.6 36.8

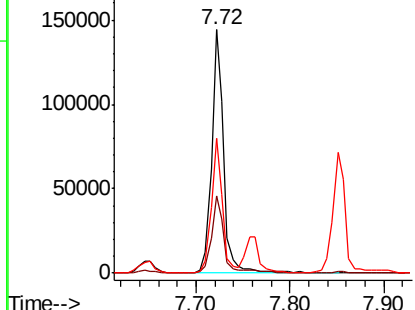
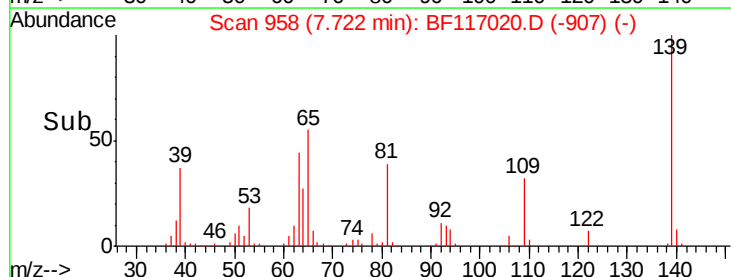
65 55.3 40.9 61.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

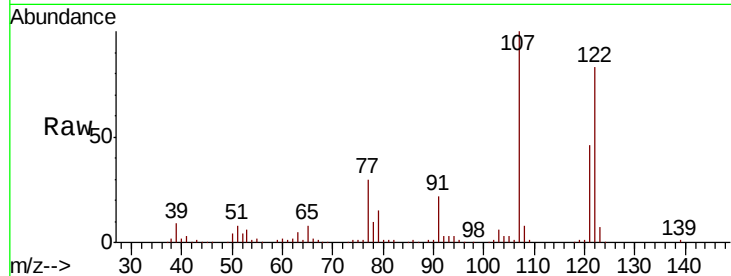




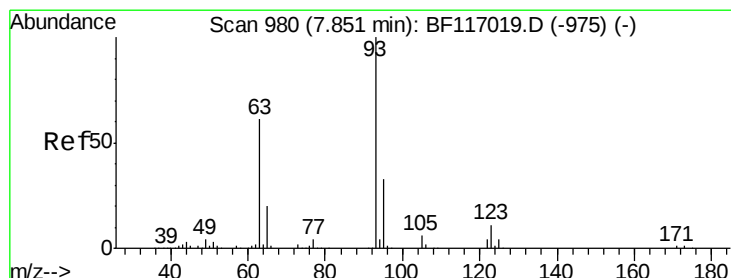
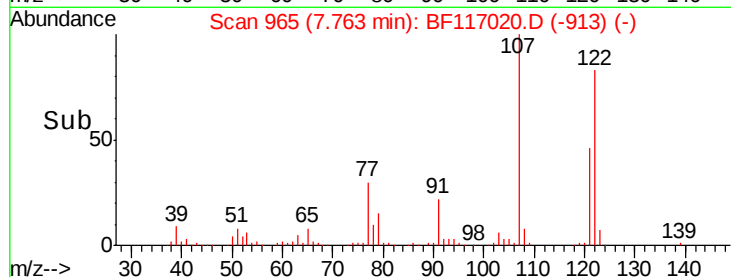
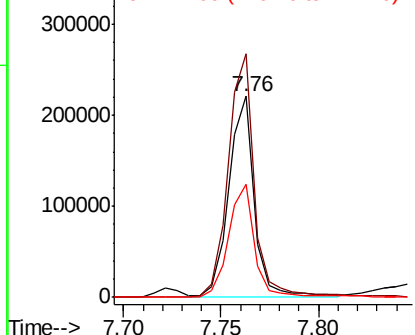
#27
 2,4-Dimethylphenol
 Concen: 47.607 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 200889
 Ion Ratio Lower Upper
 122 100
 107 121.2 98.9 148.3
 121 56.3 45.3 67.9

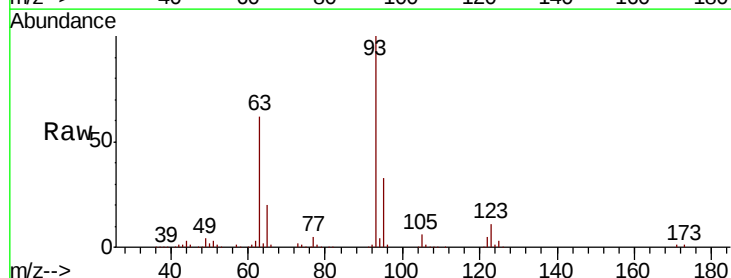


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

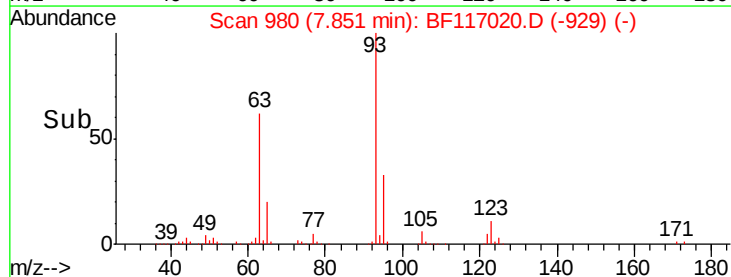
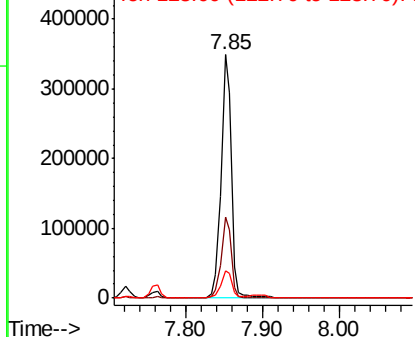


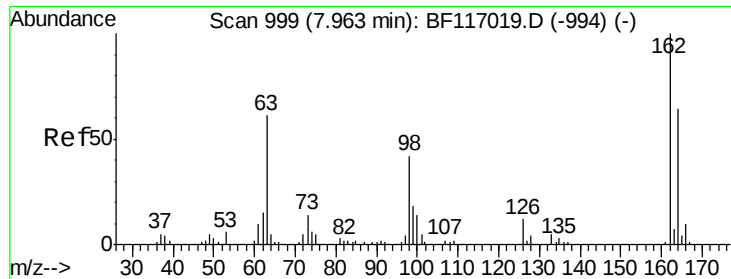
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.867 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion: 93 Resp: 320686
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.2 39.4
 123 11.3 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

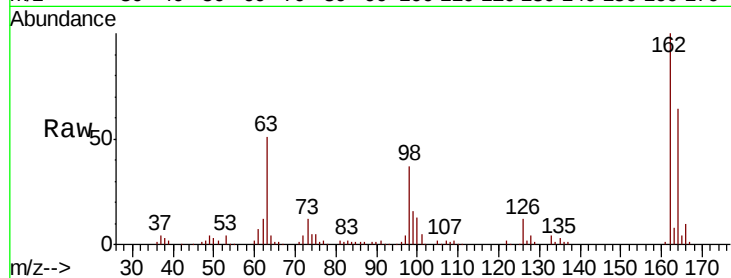




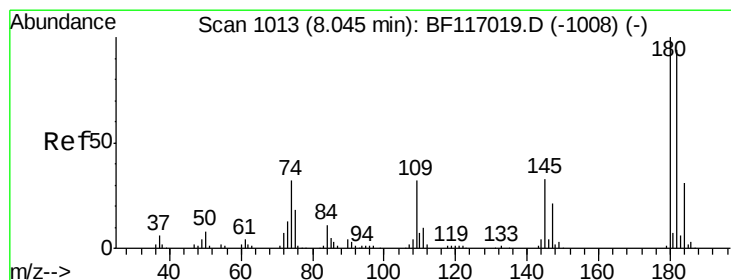
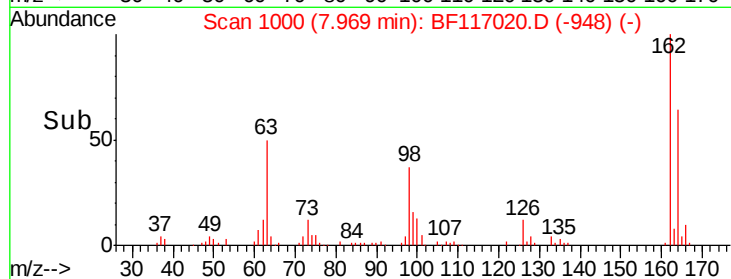
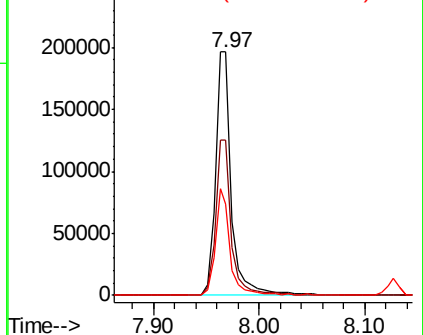
#29
 2,4-Dichlorophenol
 Concen: 52.036 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.8	83.8
98	37.3	22.1	62.1

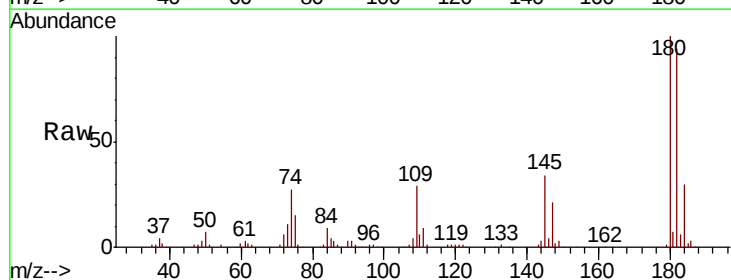


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

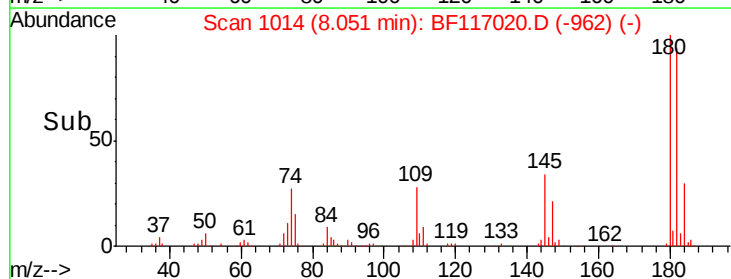
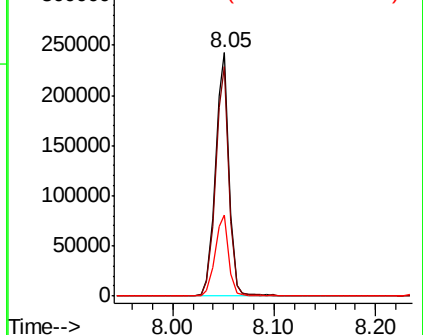


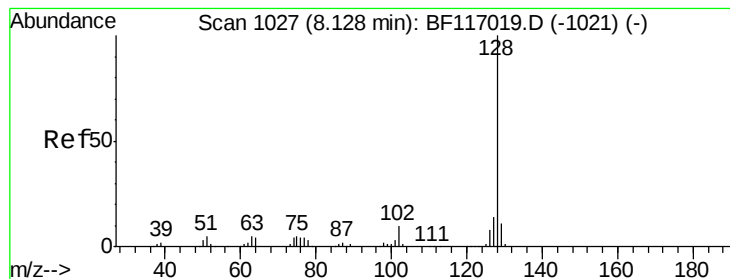
#30
 1,2,4-Trichlorobenzene
 Concen: 51.545 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.4	113.0
145	33.5	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: 50.068 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampleId :

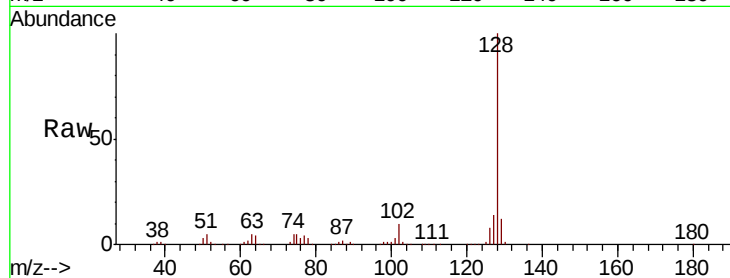
Tot Ion:128 Resp: 751022

Ion Ratio Lower Upper

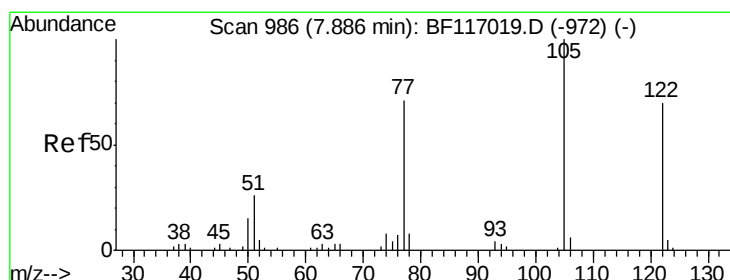
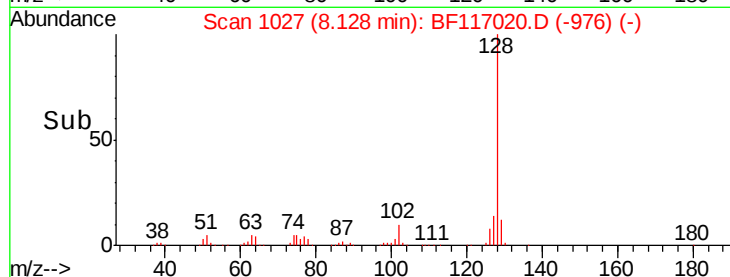
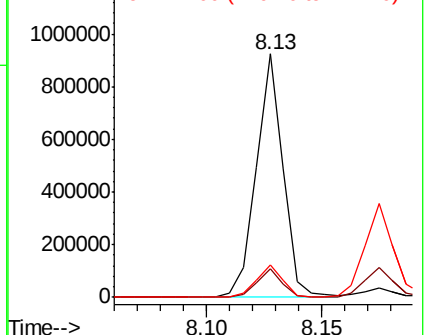
128 100

129 11.6 9.0 13.4

127 13.6 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: 62.696 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

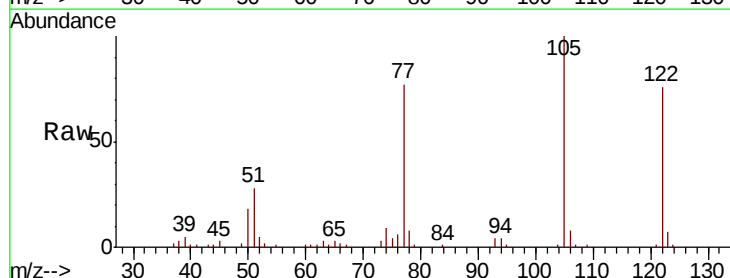
Tgt Ion:122 Resp: 149382

Ion Ratio Lower Upper

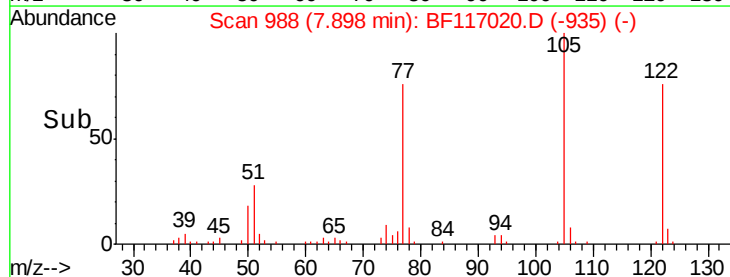
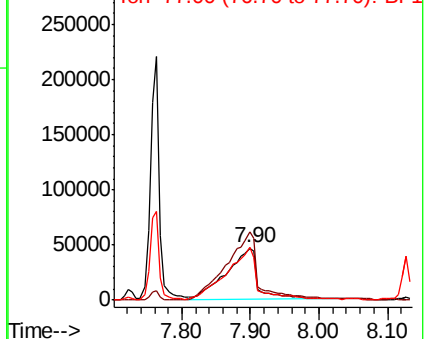
122 100

105 131.1 114.8 154.8

77 100.4 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

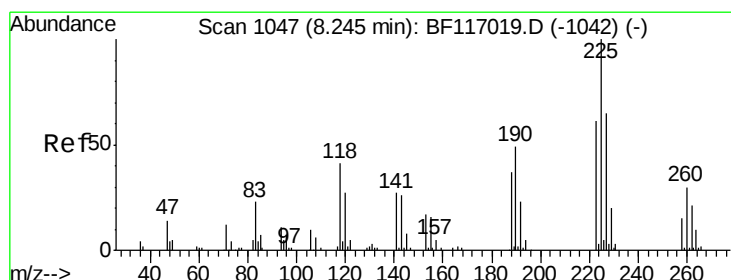
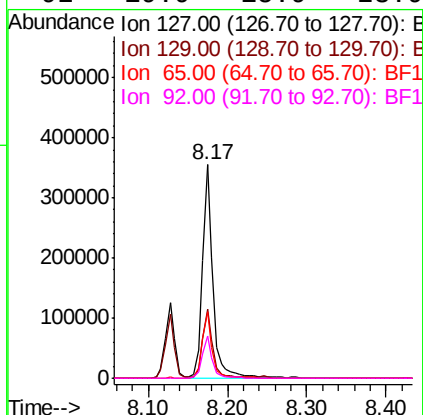
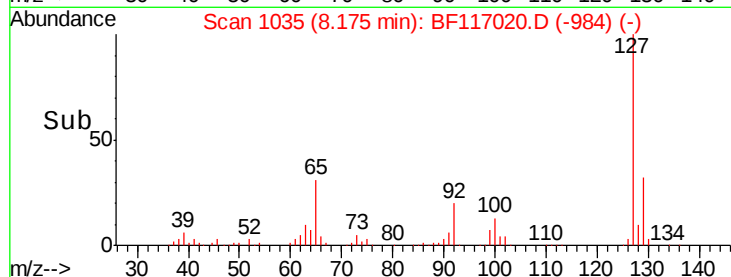
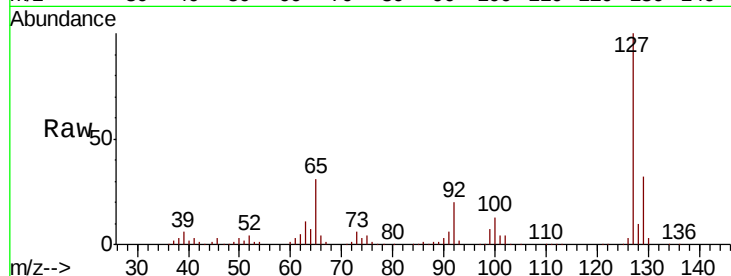




#33
4-Chloroaniline
Concen: 48.925 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

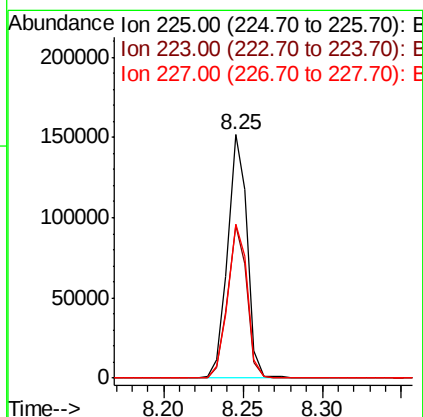
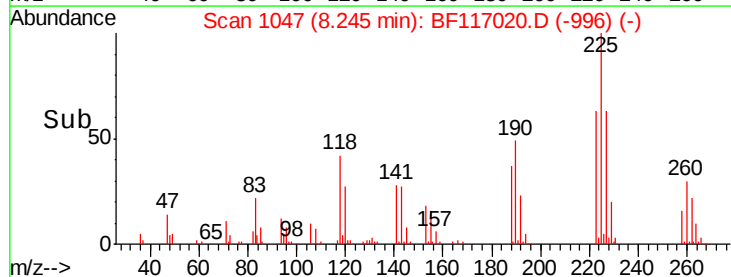
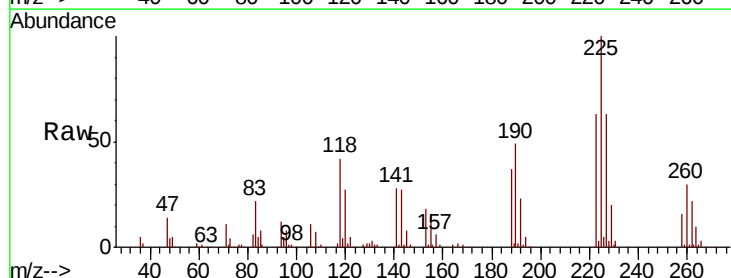
Instrument :
BNA_F
ClientSampled :

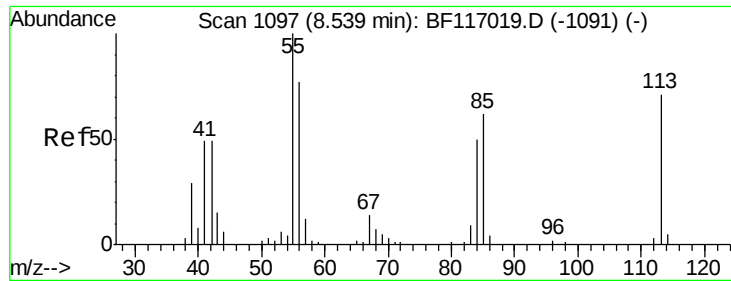
Tot Ion:127	Resp:	334063
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.2 39.2
65	31.4	23.5 35.3
92	19.9	15.9 23.9



#34
Hexachlorobutadiene
Concen: 53.958 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:225	Resp:	129406
Ion Ratio	Lower	Upper
225	100	
223	62.7	49.1 73.7
227	63.1	52.2 78.2

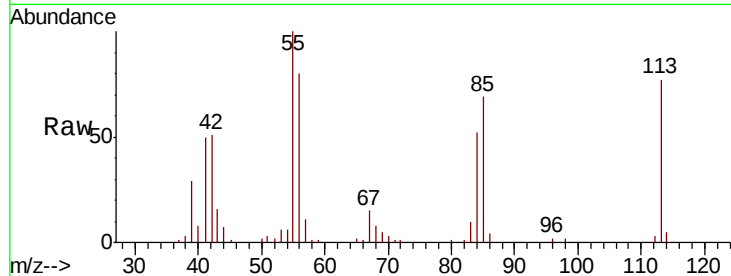




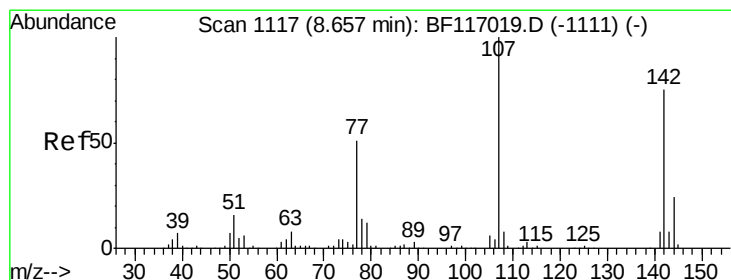
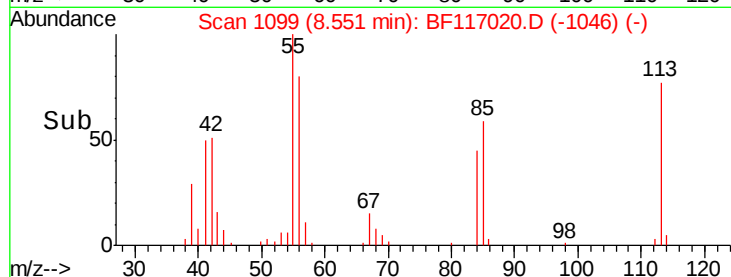
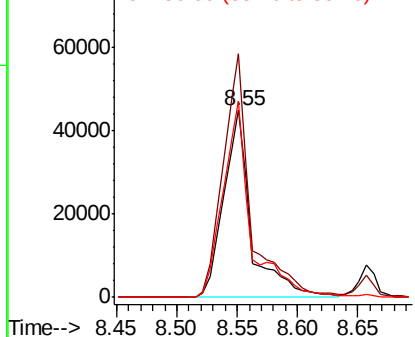
#35
 Caprolactam
 Concen: 46.771 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 70983
 Ion Ratio Lower Upper
 113 100
 55 130.4 120.6 160.6
 56 104.7 88.8 128.8

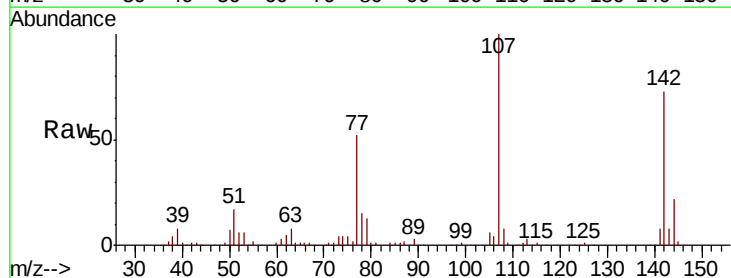


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

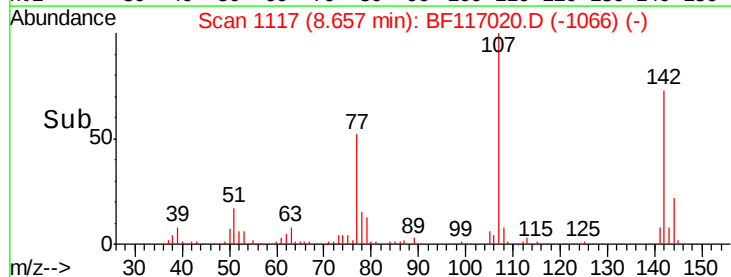
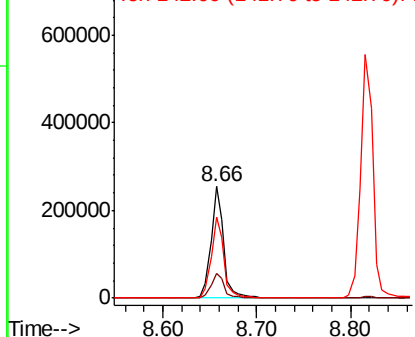


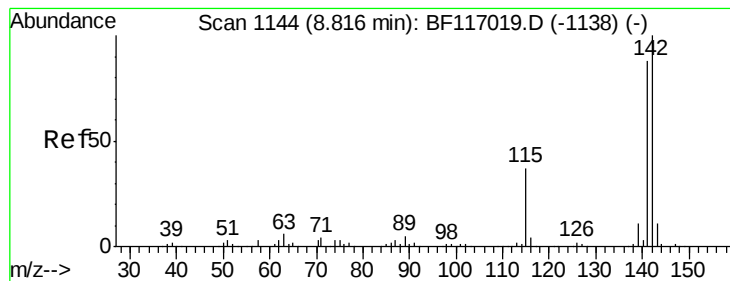
#36
 4-Chloro-3-methylphenol
 Concen: 52.261 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion:107 Resp: 243580
 Ion Ratio Lower Upper
 107 100
 144 21.9 19.2 28.8
 142 72.7 59.6 89.4



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





#37

2-Methylnaphthalene

Concen: 50.391 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampleId :

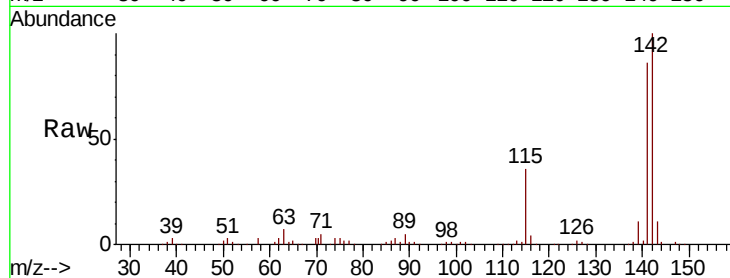
Tot Ion:142 Resp: 502922

Ion Ratio Lower Upper

142 100

141 86.4 70.7 106.1

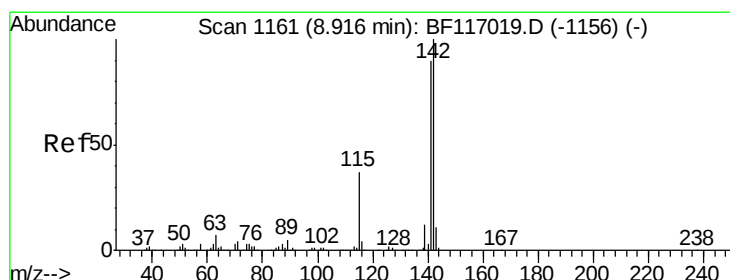
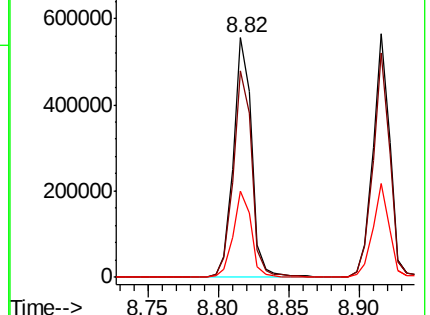
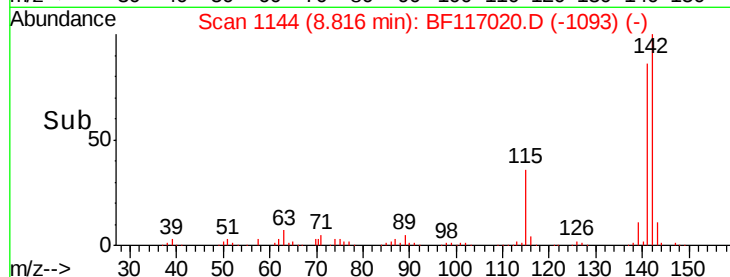
115 36.2 29.4 44.0



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: 49.614 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

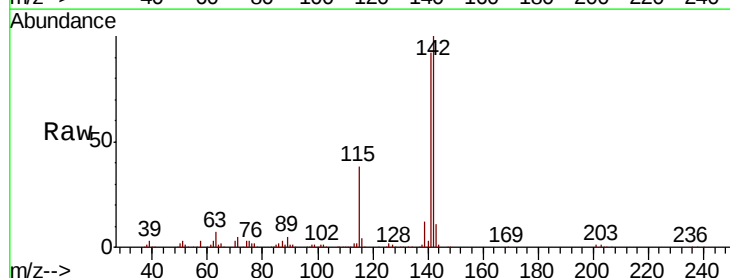
Tgt Ion:142 Resp: 467431

Ion Ratio Lower Upper

142 100

141 92.0 71.9 107.9

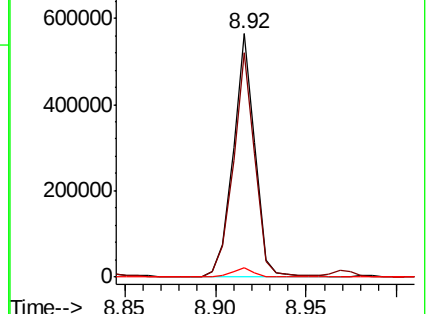
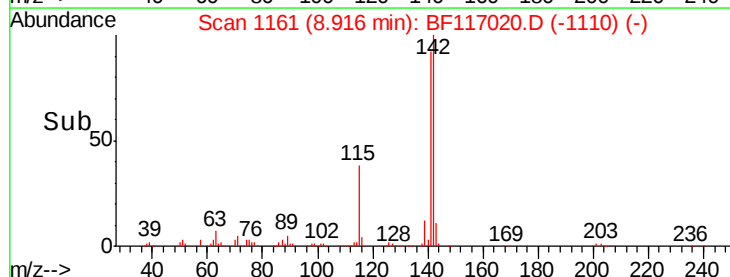
116 4.0 3.2 4.8

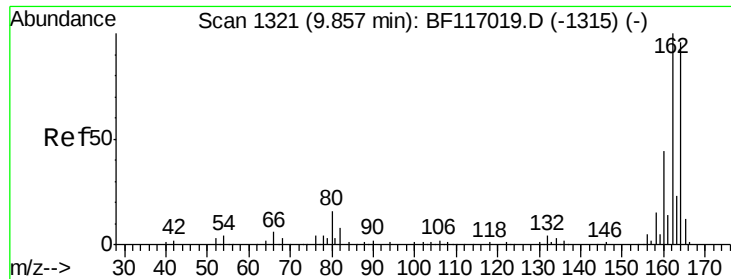


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

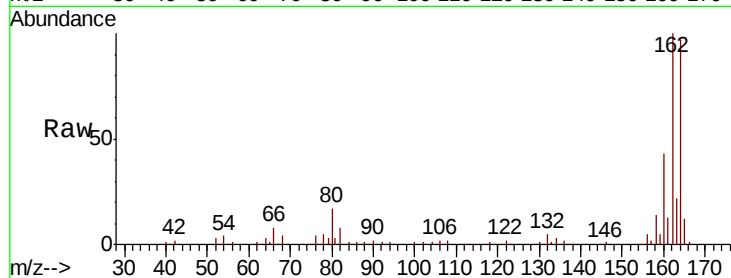




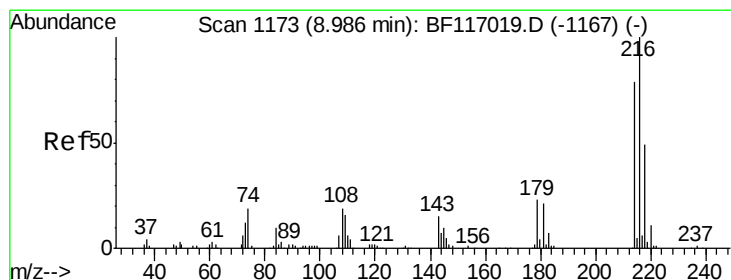
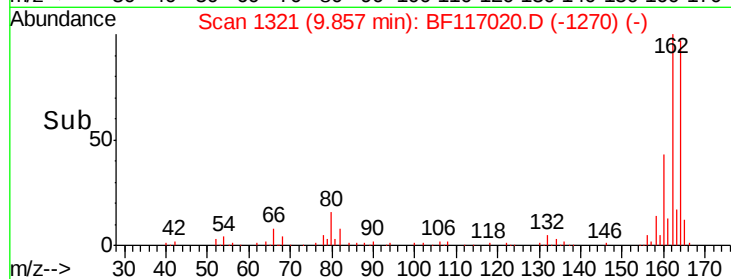
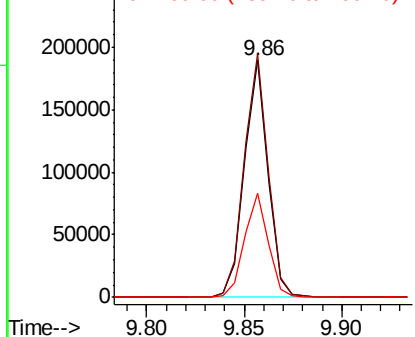
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 158943
Ion Ratio Lower Upper
164 100
162 102.8 83.4 125.2
160 44.0 36.4 54.6

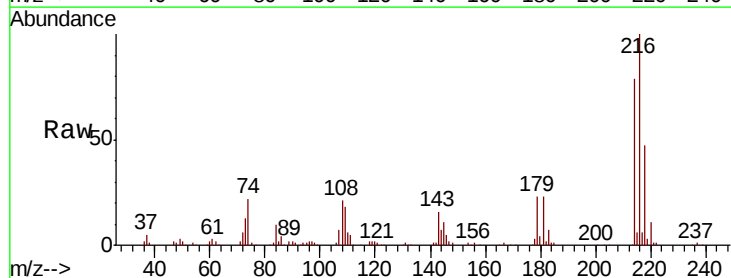


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

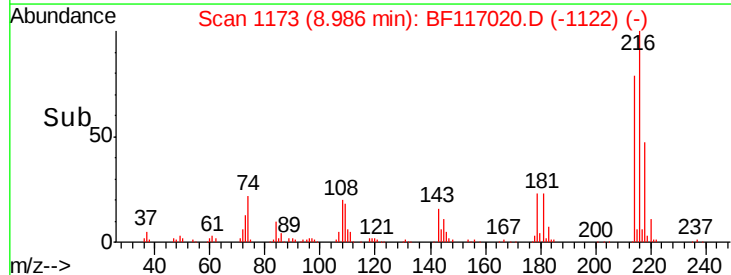
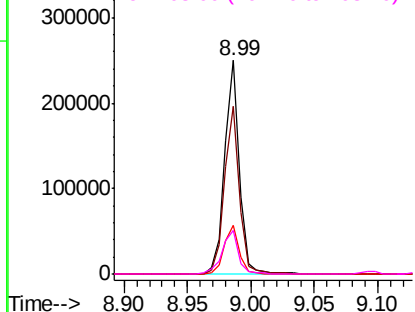


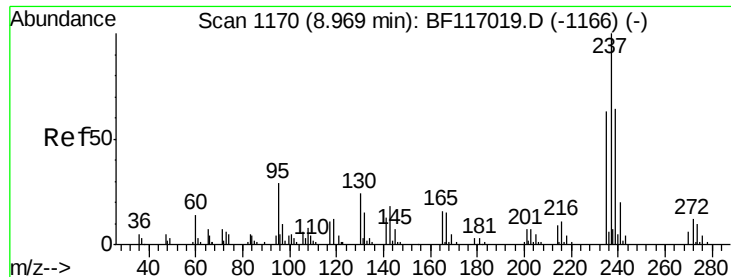
#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.945 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:216 Resp: 201729
Ion Ratio Lower Upper
216 100
214 79.8 63.6 95.4
179 23.6 18.3 27.5
108 23.3 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: 36.543 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.01 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampleId :

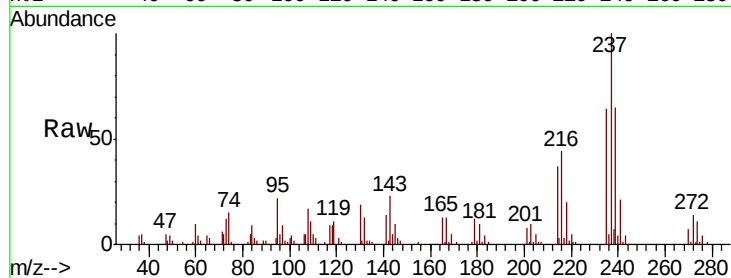
Tot Ion:237 Resp: 80404

Ion Ratio Lower Upper

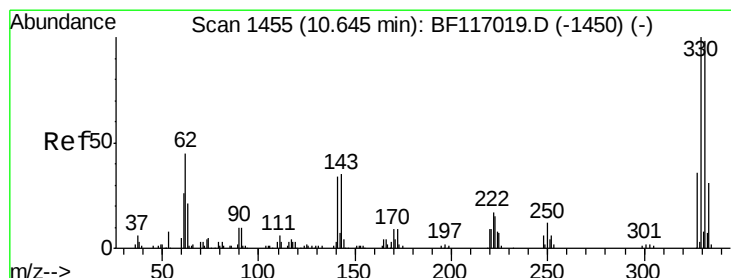
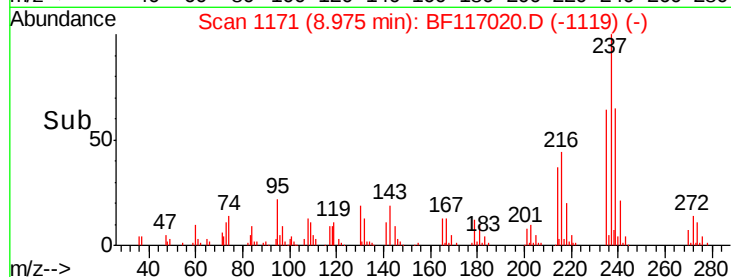
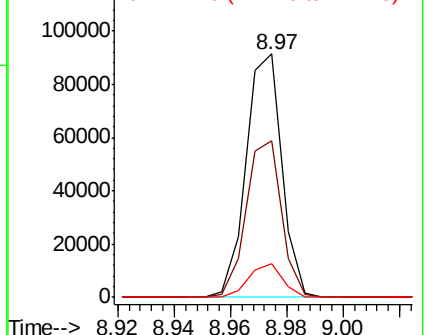
237 100

235 64.3 43.2 83.2

272 13.9 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: 121.080 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

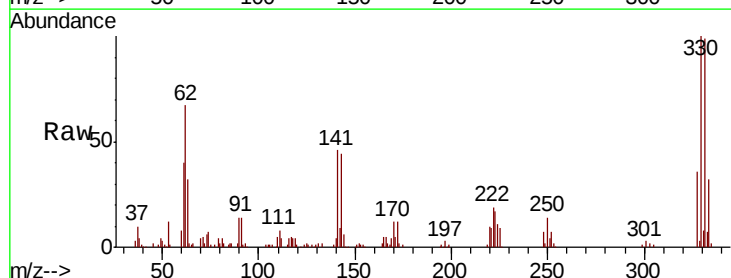
Tgt Ion:330 Resp: 128656

Ion Ratio Lower Upper

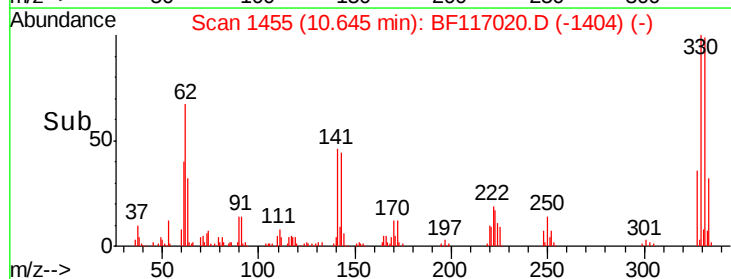
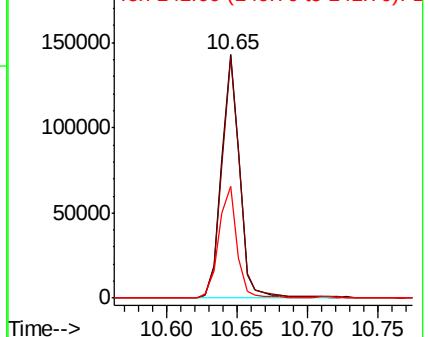
330 100

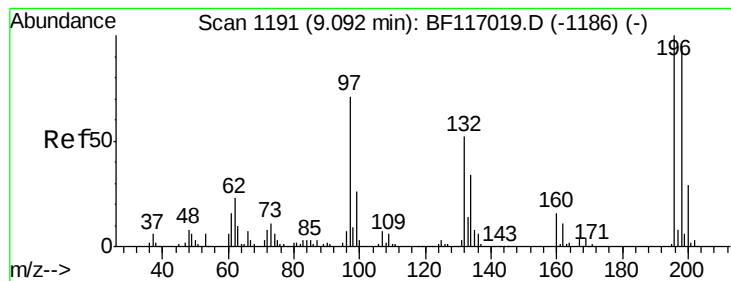
332 98.8 78.0 117.0

141 46.0 35.8 53.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 52.534 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampled :

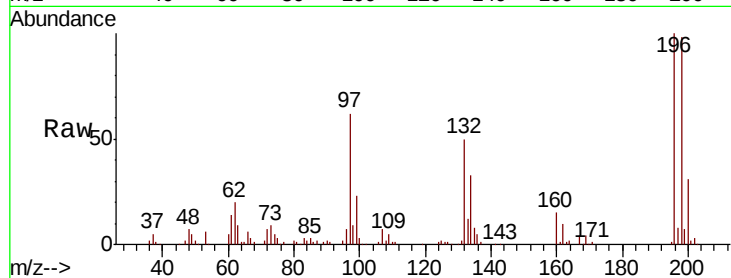
Tot Ion:196 Resp: 137210

Ion Ratio Lower Upper

196 100

198 97.6 75.7 113.5

200 30.6 23.3 34.9

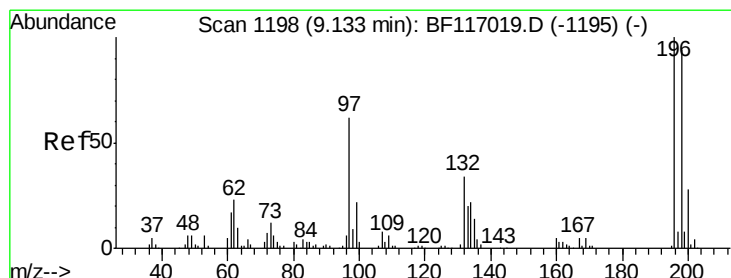
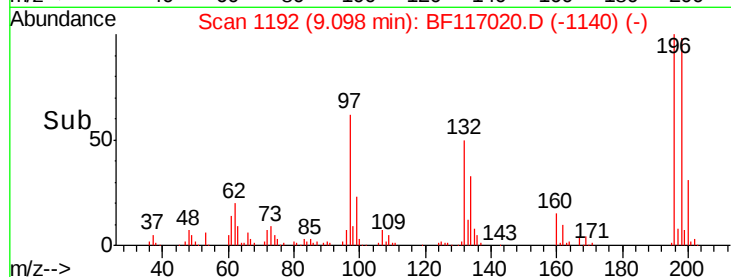
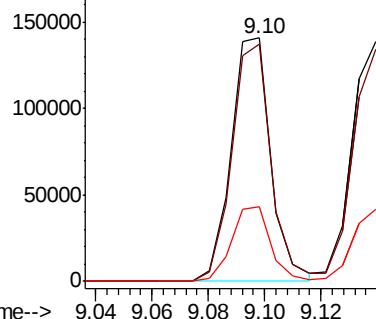


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 54.134 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Tgt Ion:196 Resp: 146789

Ion Ratio Lower Upper

196 100

198 96.6 74.6 112.0

97 56.6 49.5 74.3

132 31.6 27.4 41.2

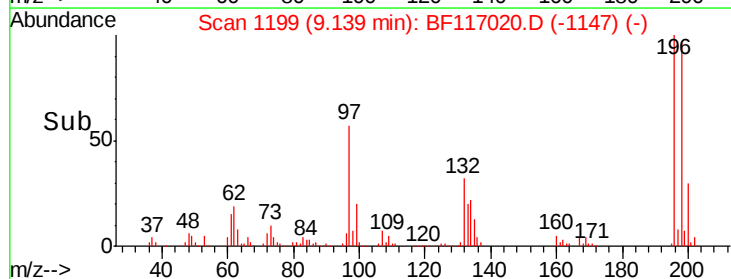
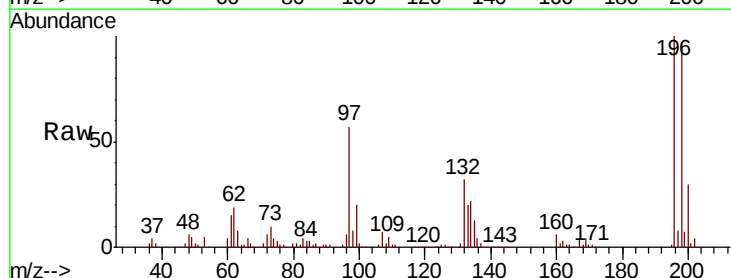
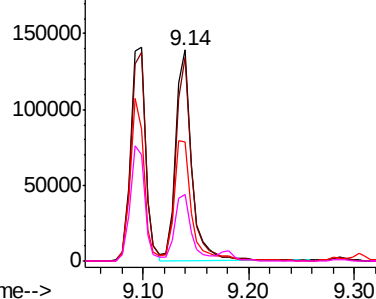
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

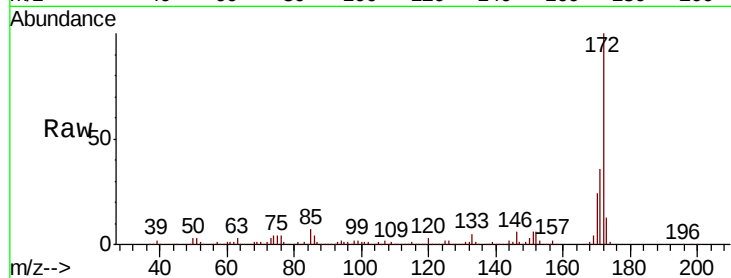




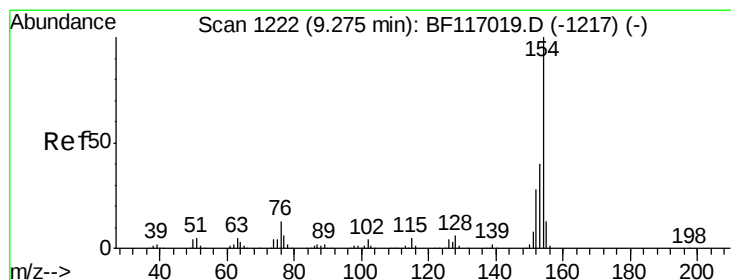
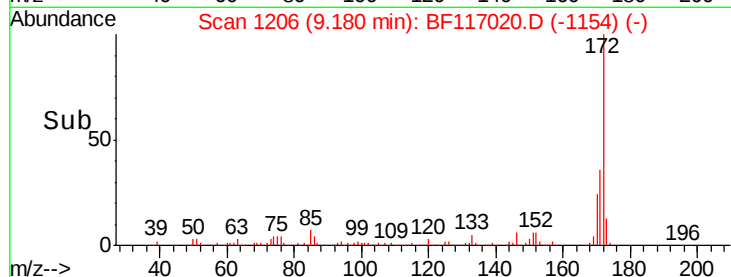
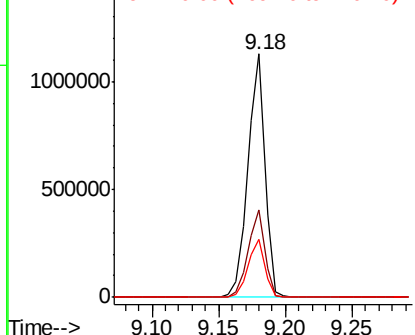
#45
 2-Fluorobiphenyl
 Concen: 104.836 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 987788
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.2
 170 23.7 18.9 28.3

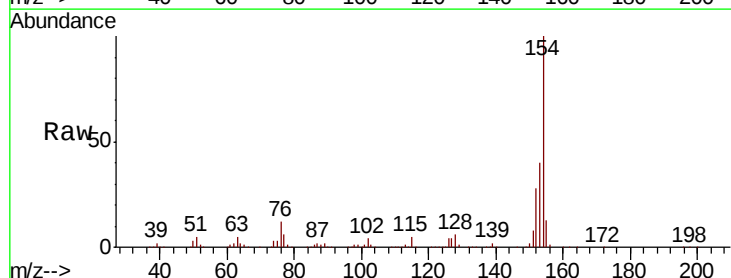


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

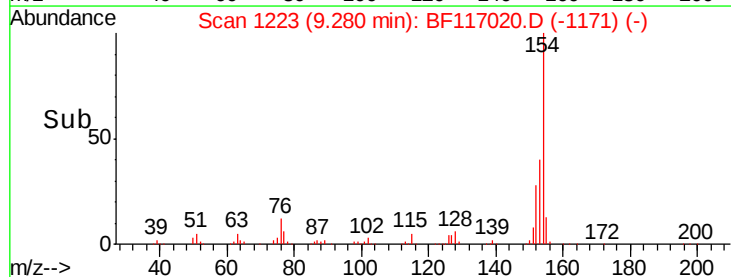
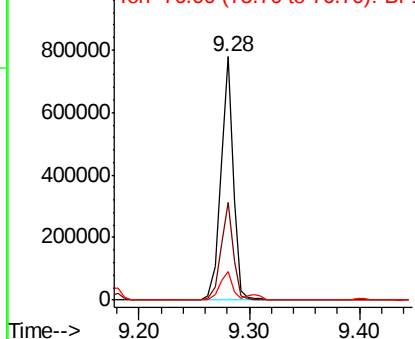


#46
 1,1'-Biphenyl
 Concen: 50.762 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion:154 Resp: 612224
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.0 60.0
 76 11.7 0.0 32.7



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

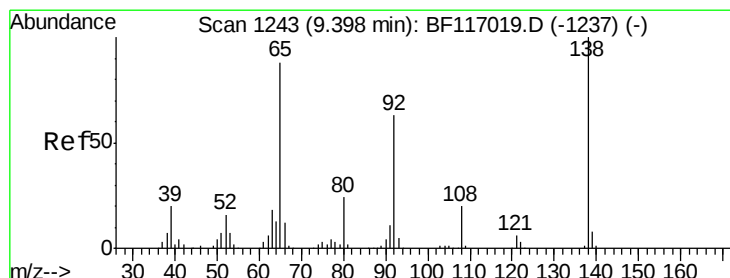
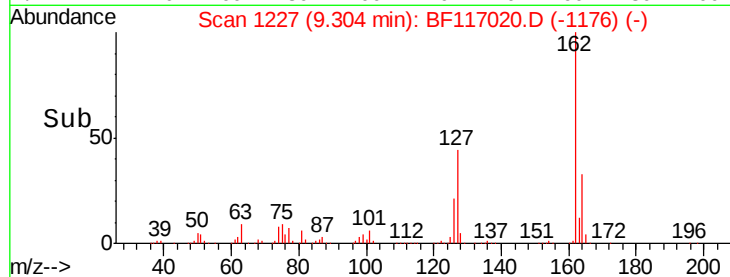
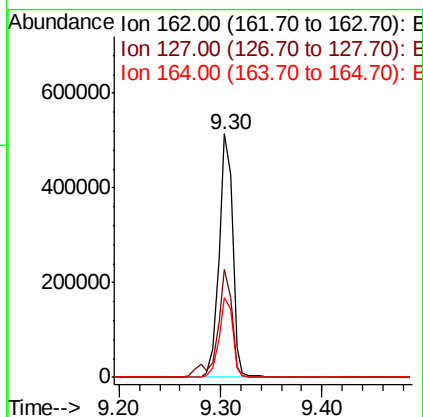
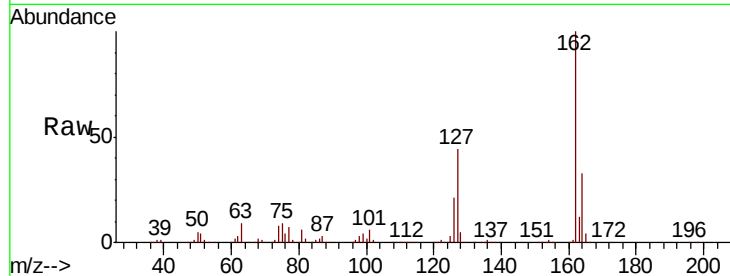




#47
 2-Chloronaphthalene
 Concen: 50.174 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

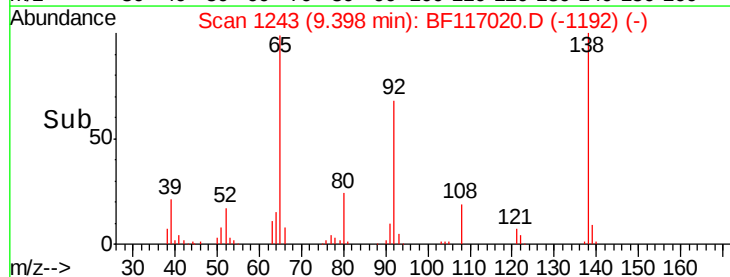
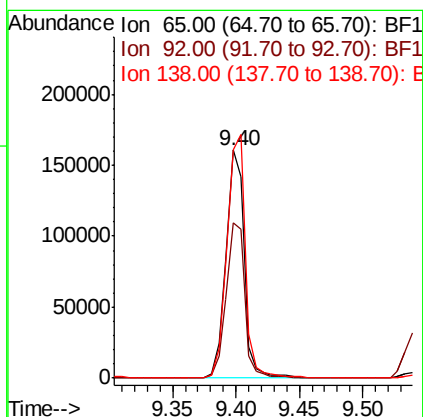
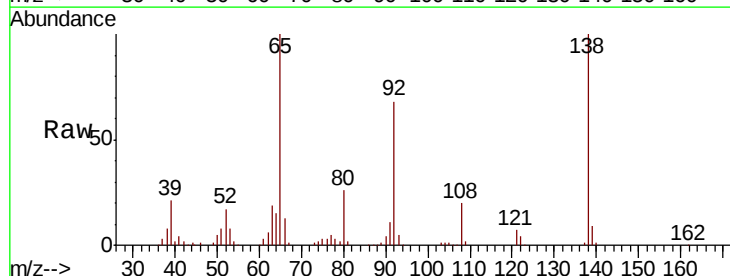
Instrument :
 BNA_F
 ClientSampleId :

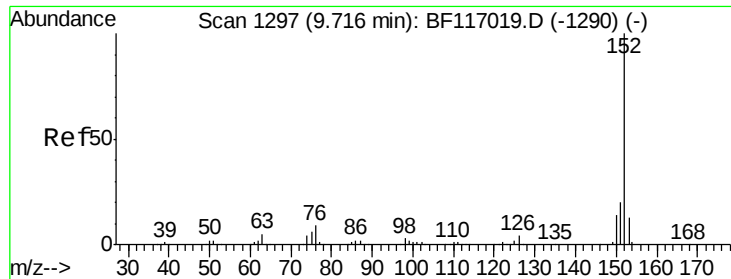
Tot Ion	Ratio	Lower	Upper
162	100		
127	44.4	34.1	51.1
164	32.7	25.9	38.9



#48
 2-Nitroaniline
 Concen: 58.123 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	57.5	86.3
138	99.9	90.6	136.0





#49

Acenaphthylene

Concen: 50.187 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampled :

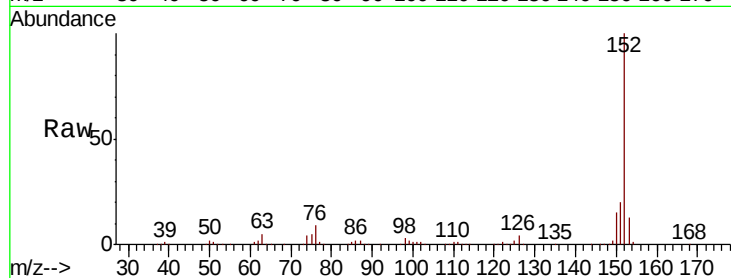
Tot Ion:152 Resp: 724704

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

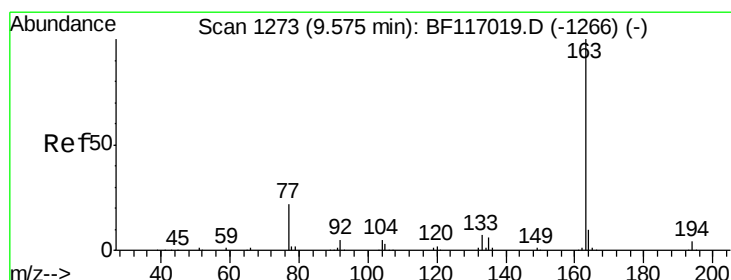
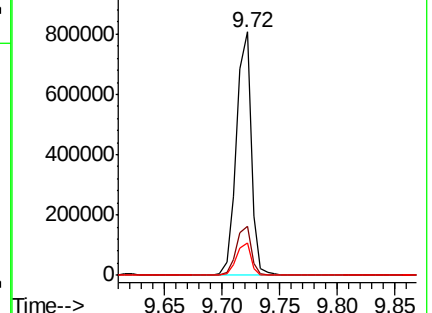
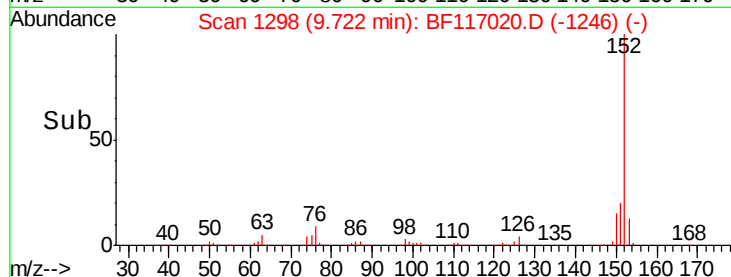
153 13.1 10.2 15.4



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: 49.742 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

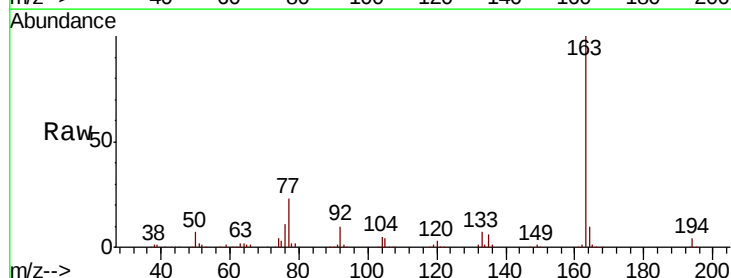
Tgt Ion:163 Resp: 545839

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

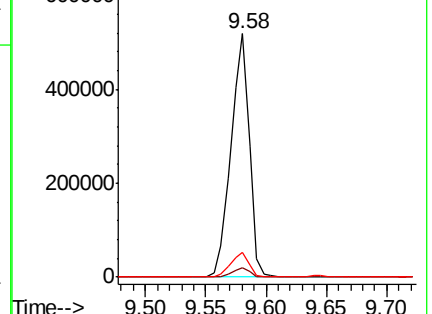
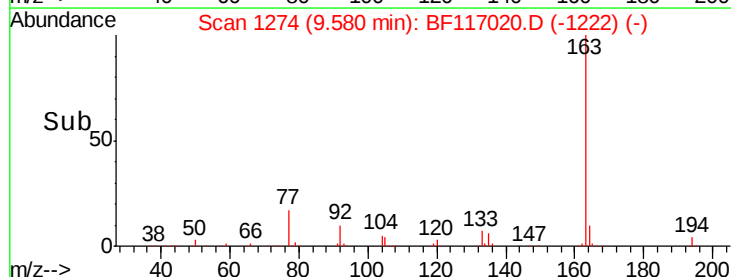
164 10.4 8.2 12.4

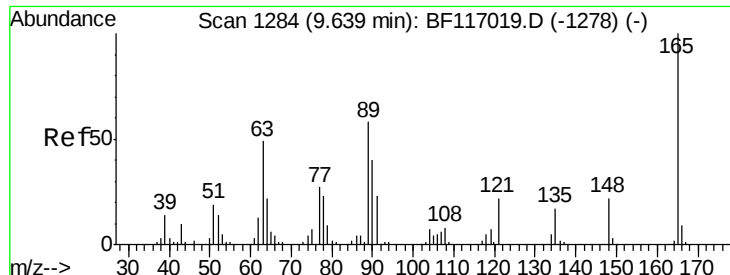


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

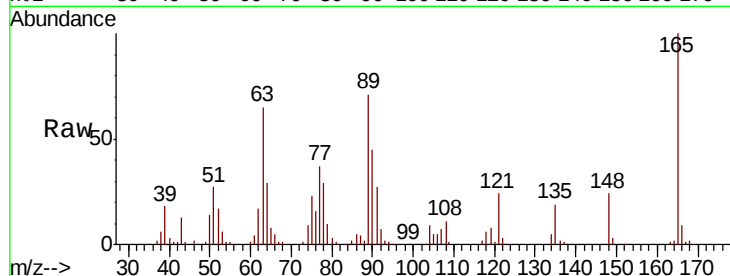




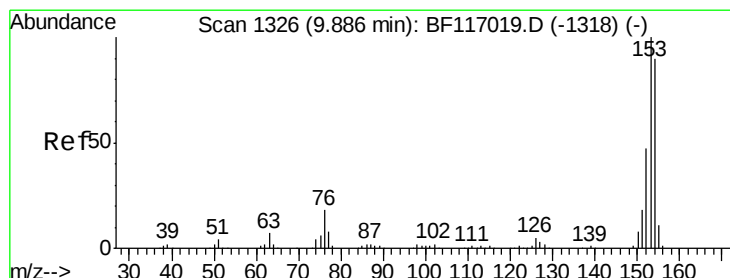
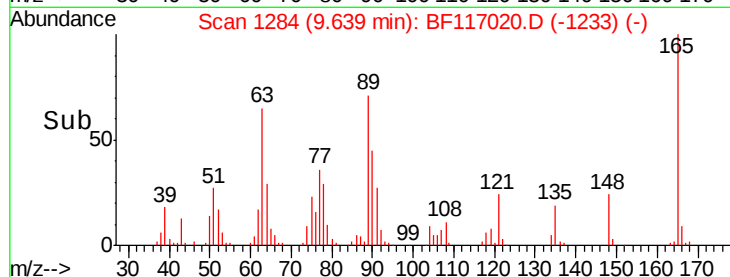
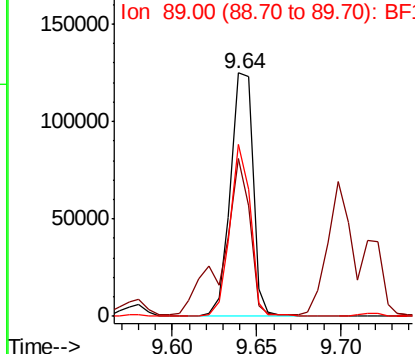
#51
2,6-Dinitrotoluene
Concen: 55.457 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 116108
Ion Ratio Lower Upper
165 100
63 64.8 41.8 62.8#
89 70.6 46.5 69.7#

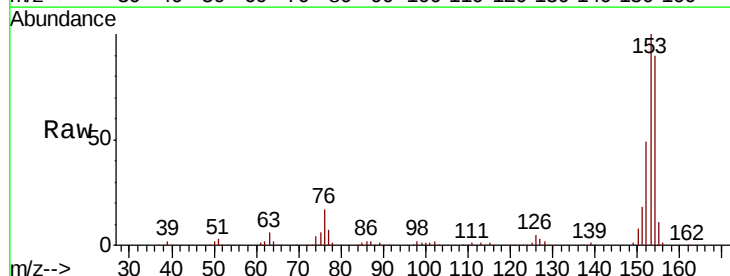


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

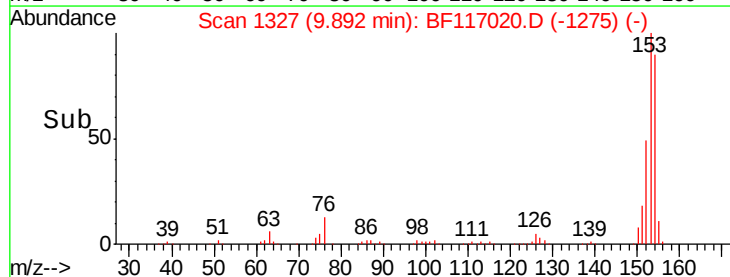
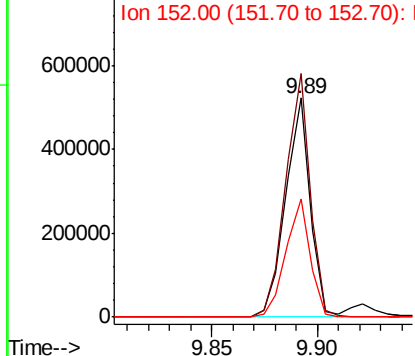


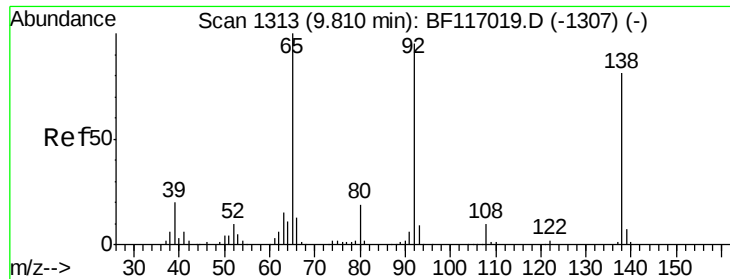
#52
Acenaphthene
Concen: 48.112 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:154 Resp: 426871
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.6
152 54.0 41.9 62.9



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

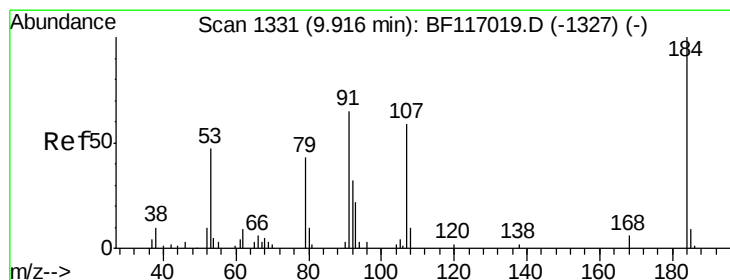
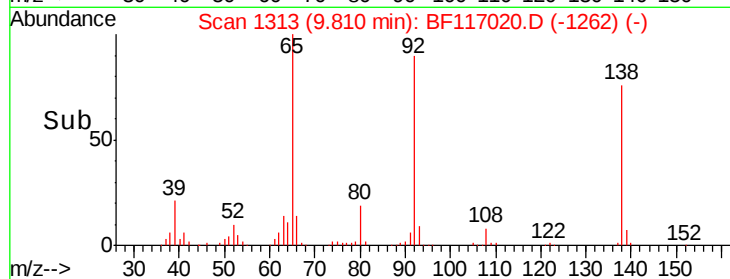
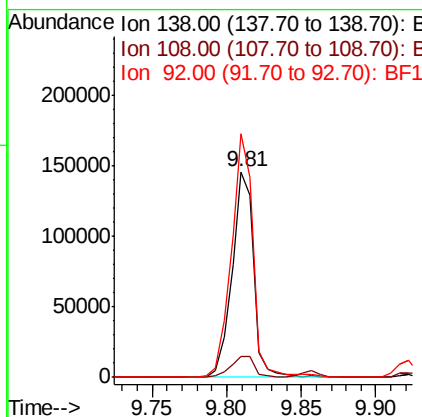
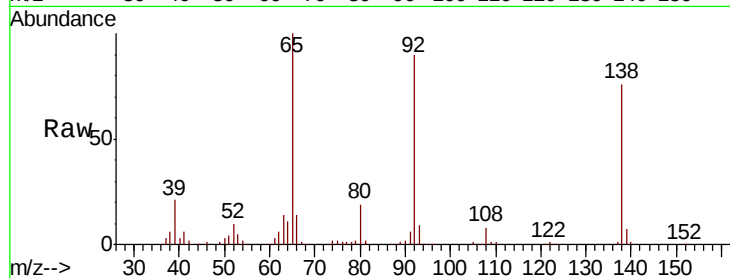




#53
 3-Nitroaniline
 Concen: 56.564 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

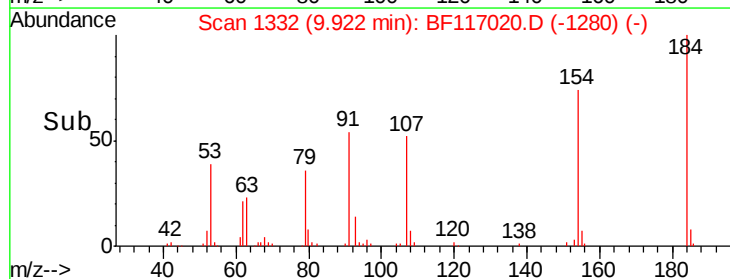
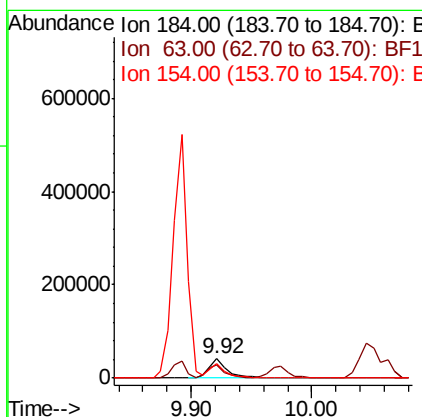
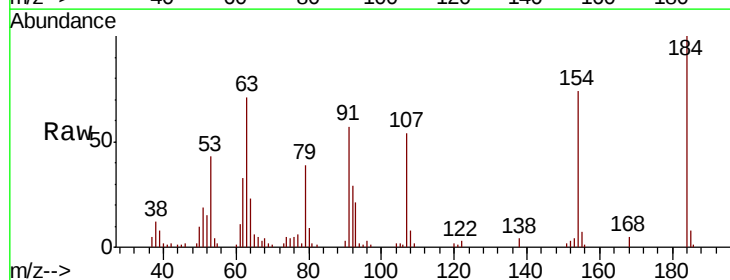
Instrument :
 BNA_F
 ClientSampleId :

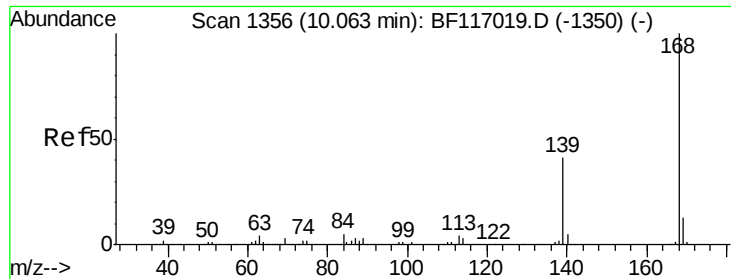
Tot Ion:138 Resp: 148409
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.5 14.3
 92 118.5 94.1 141.1



#54
 2,4-Dinitrophenol
 Concen: 70.400 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion:184 Resp: 43301
 Ion Ratio Lower Upper
 184 100
 63 70.6 63.8 95.6
 154 74.1 60.4 90.6

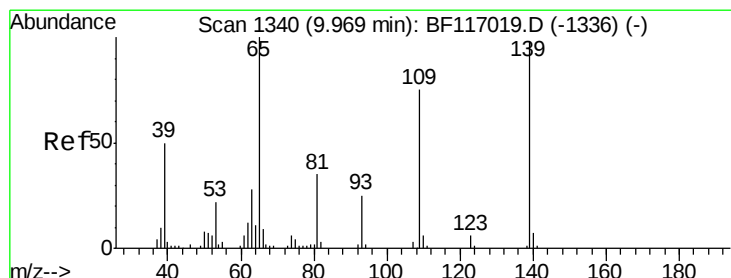
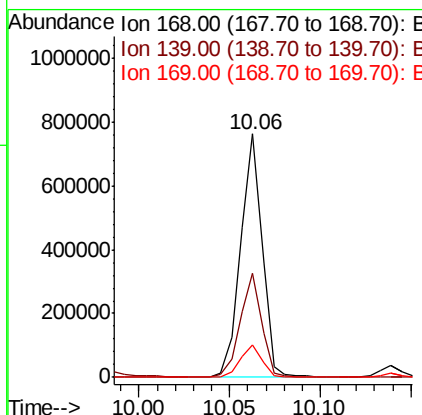
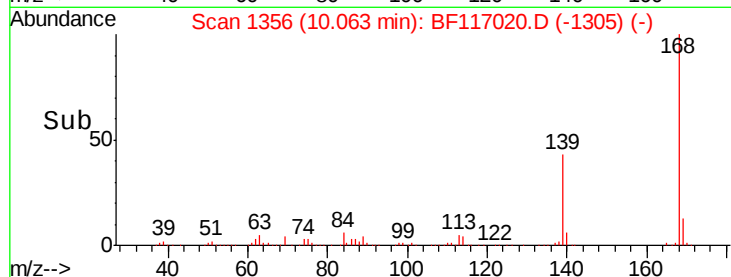
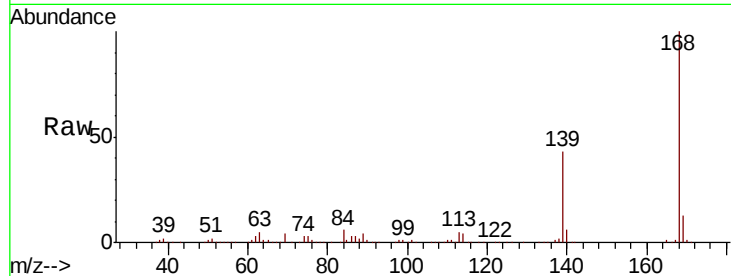




#55
Dibenzenofuran
Concen: 50.647 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

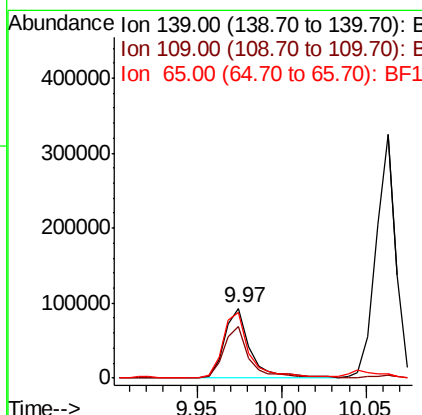
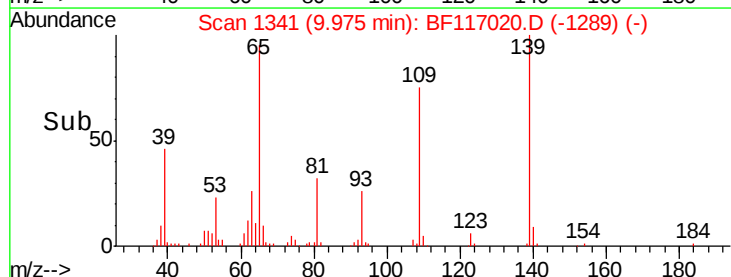
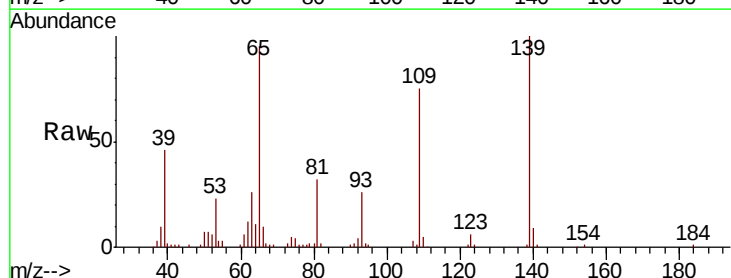
Instrument :
BNA_F
ClientSampleId :

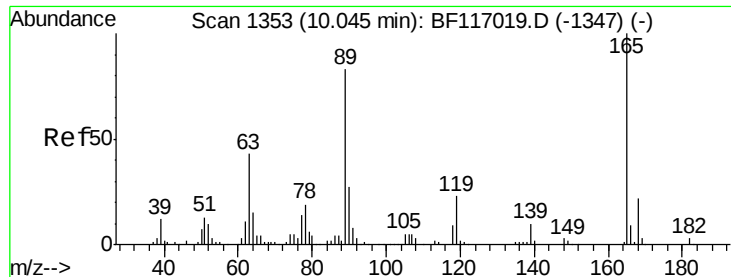
Tot Ion:168 Resp: 633473
Ion Ratio Lower Upper
168 100
139 42.6 32.8 49.2
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 54.778 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:139 Resp: 98548
Ion Ratio Lower Upper
139 100
109 74.5 56.4 96.4
65 94.6 82.5 122.5

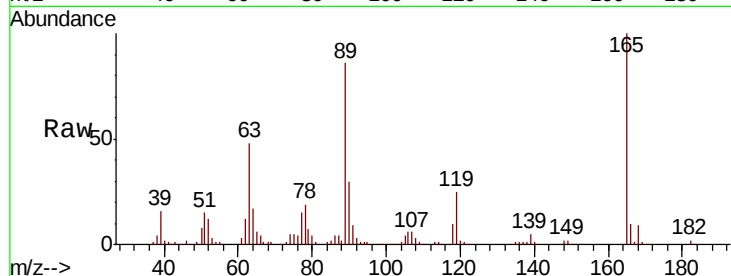




#57
2,4-Dinitrotoluene
Concen: 61.026 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	35.0	52.4
89	85.6	66.1	99.1
182	2.3	2.0	3.0



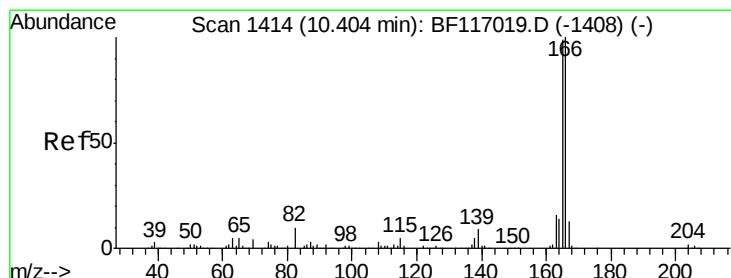
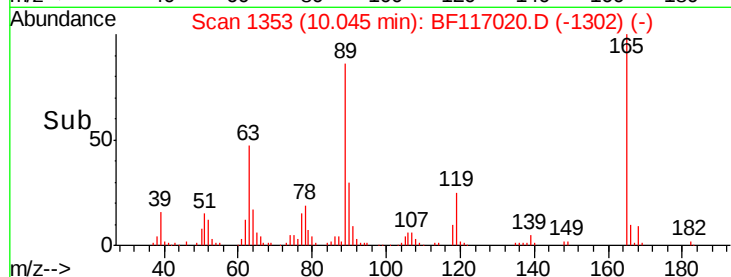
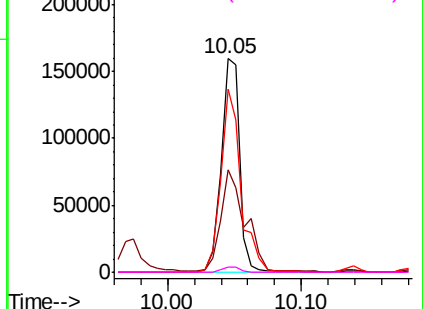
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

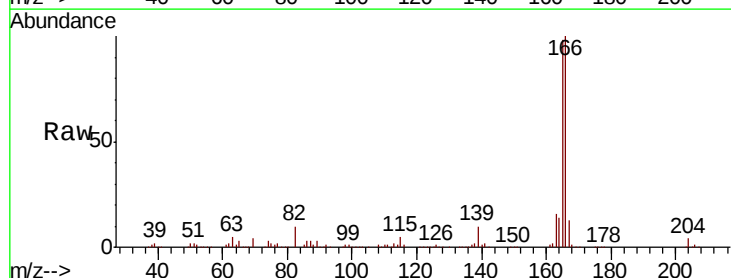
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 53.390 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.9	118.3
167	13.4	10.6	15.8

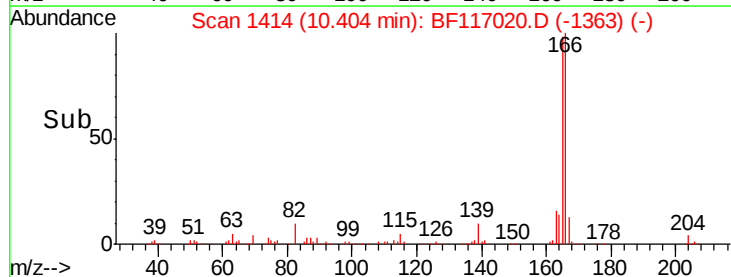
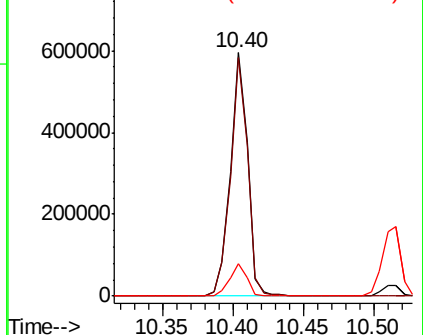


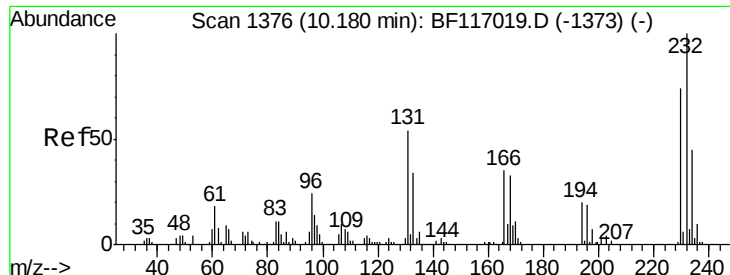
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

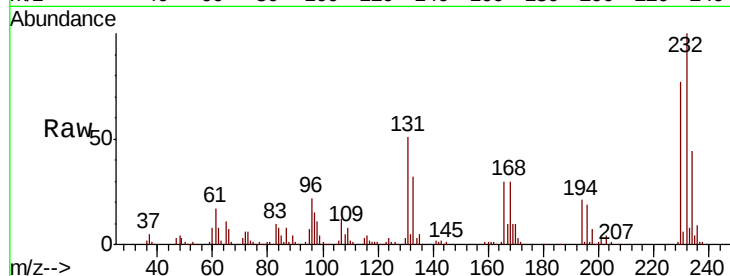




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.635 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.7	45.3	67.9
130	2.6	1.8	2.8
166	29.7	29.4	44.2



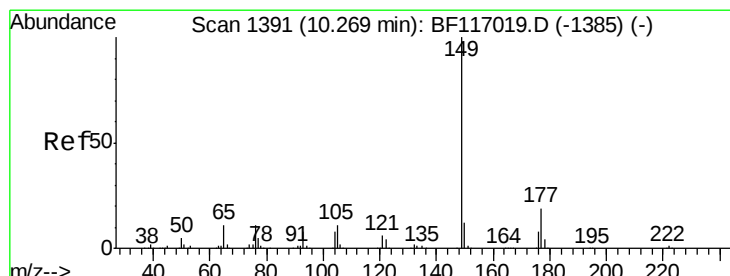
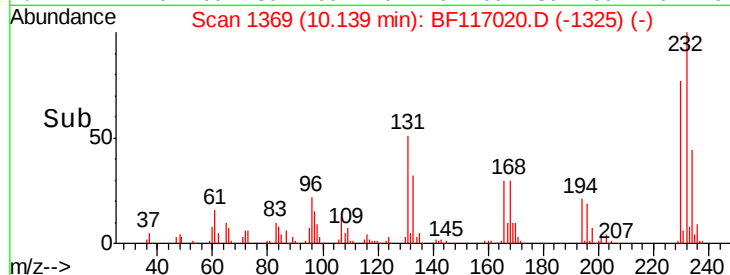
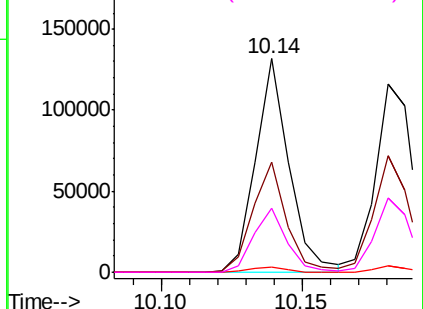
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

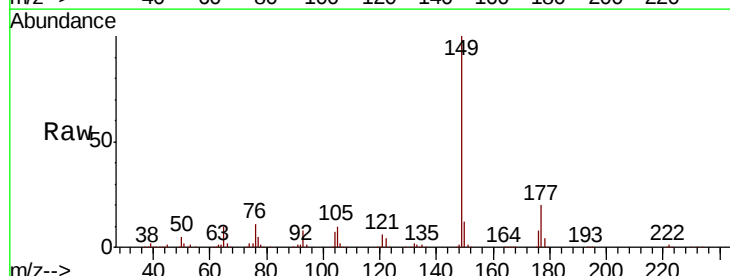
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 48.896 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	15.2	22.8
150	12.2	9.9	14.9

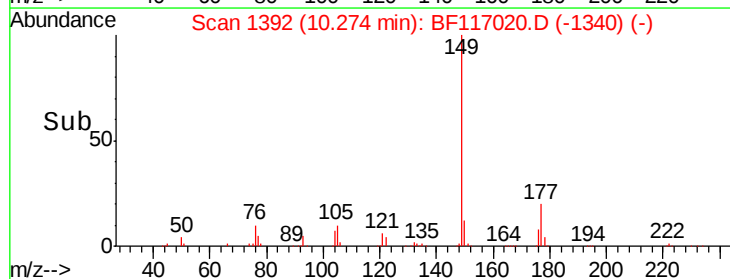
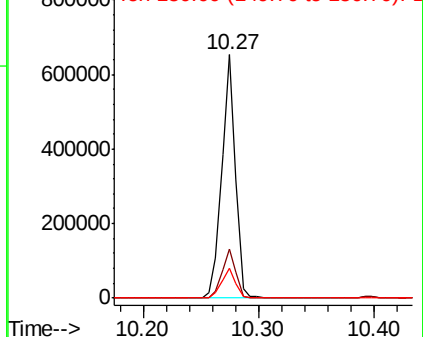


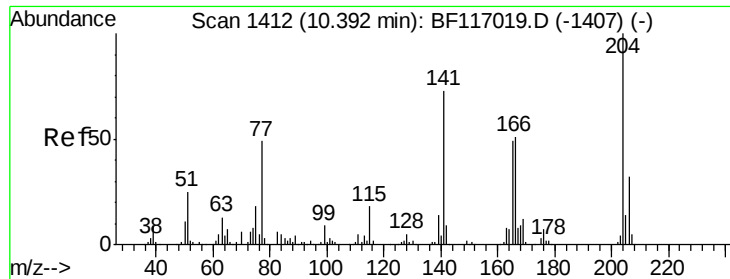
Abundance

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

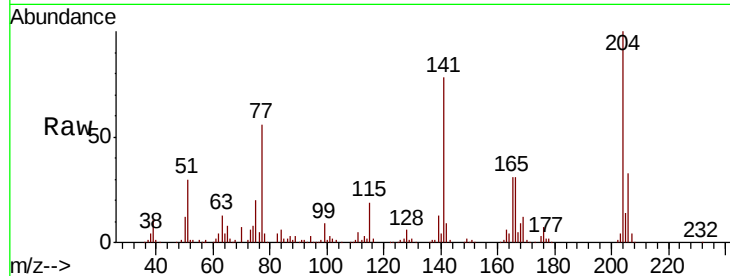




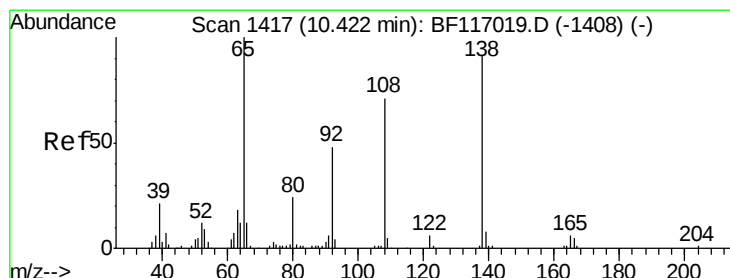
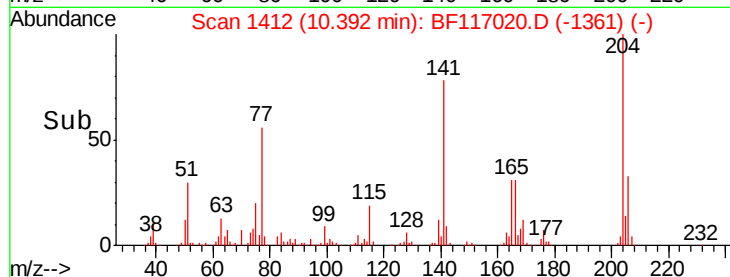
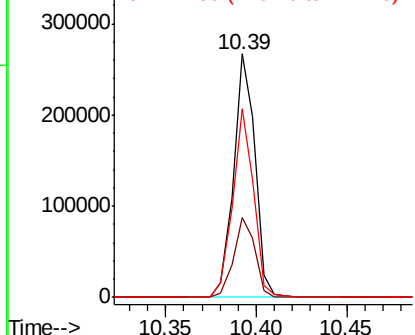
#61
4-Chlorophenyl-phenylether
Concen: 52.648 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 219717
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 77.5 58.2 87.2

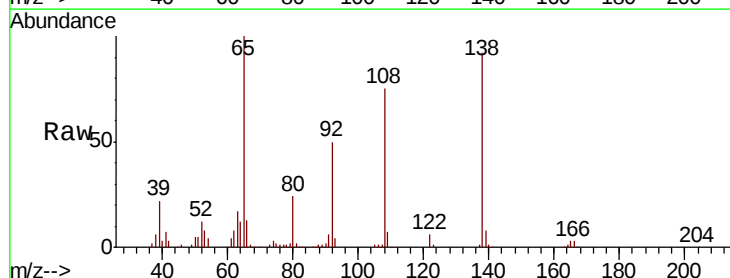


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

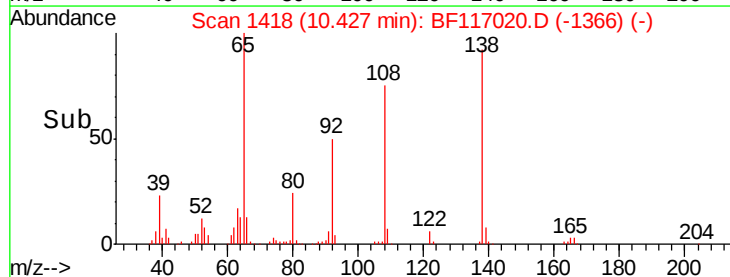
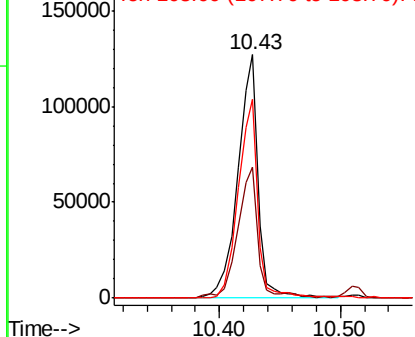


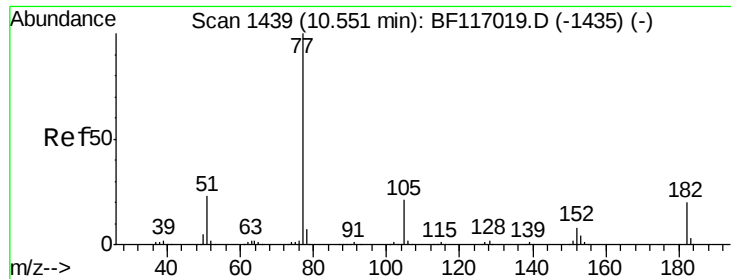
#62
4-Nitroaniline
Concen: 58.551 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:138 Resp: 149087
Ion Ratio Lower Upper
138 100
92 54.0 32.9 72.9
108 81.4 58.3 98.3



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

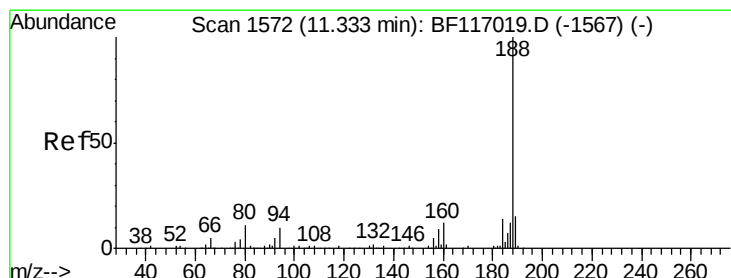
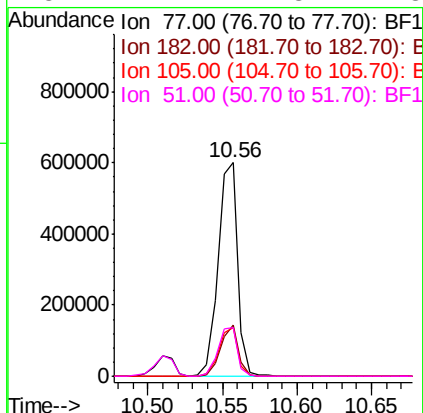
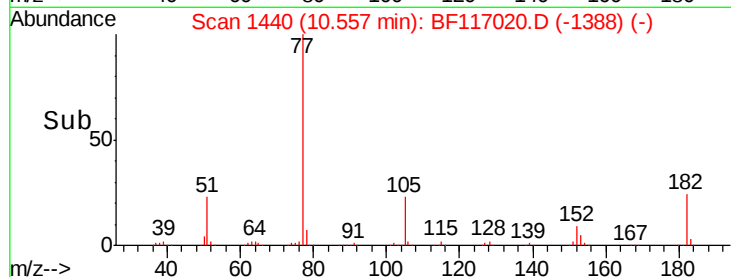
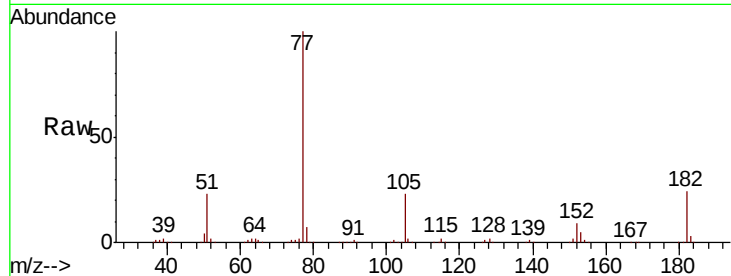




#63
Azobenzene
Concen: 48.064 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

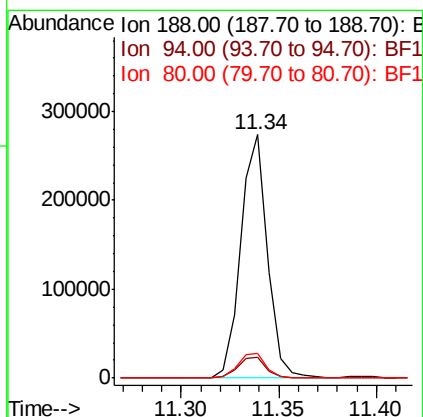
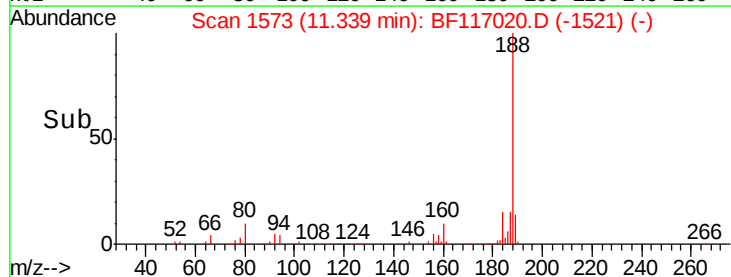
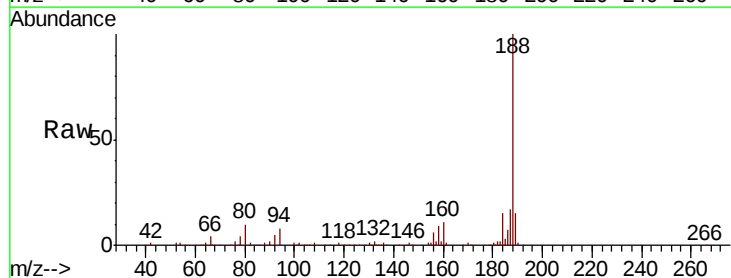
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 550895
Ion Ratio Lower Upper
77 100
182 24.1 0.4 40.4
105 22.7 0.9 40.9
51 22.7 2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion: 188 Resp: 258454
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 10.4 9.0 13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 66.916 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampled :

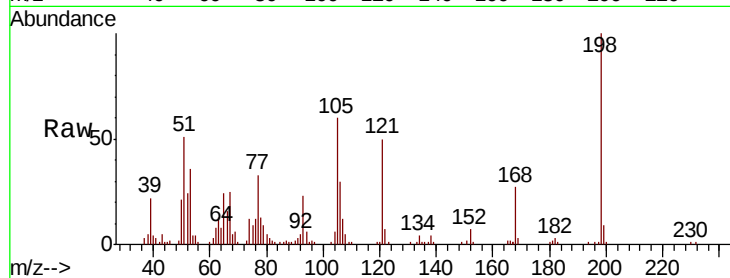
Tot Ion:198 Resp: 58408

Ion Ratio Lower Upper

198 100

51 50.8 18.7 58.7

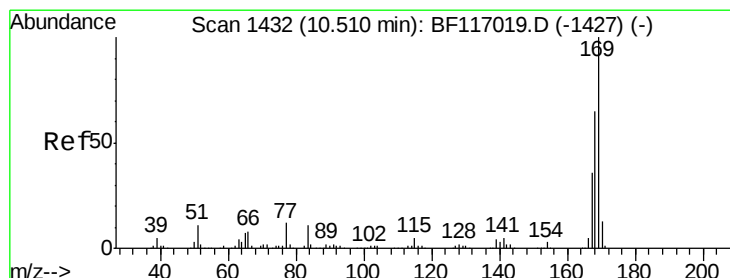
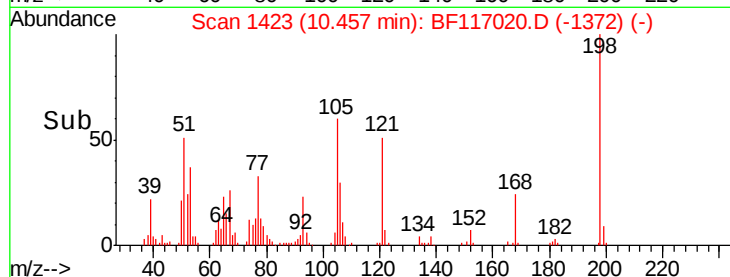
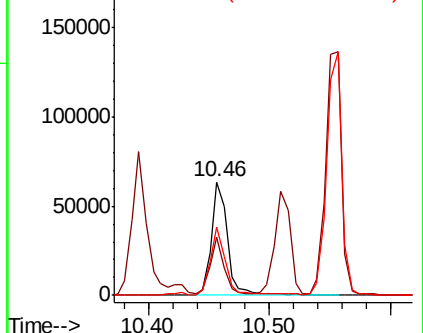
105 59.9 30.2 70.2



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: 48.643 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

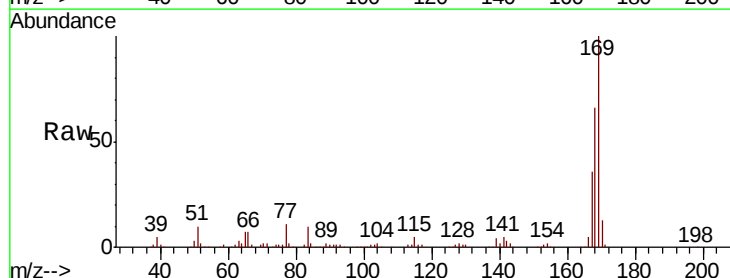
Tgt Ion:169 Resp: 434910

Ion Ratio Lower Upper

169 100

168 66.1 52.2 78.2

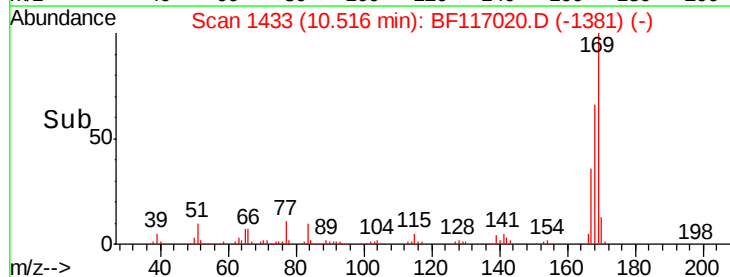
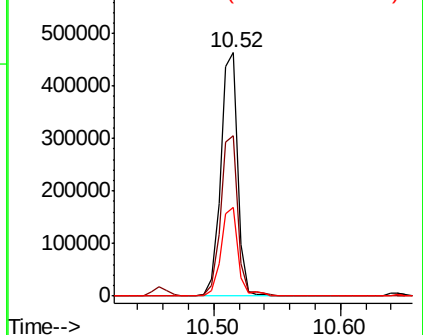
167 36.4 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

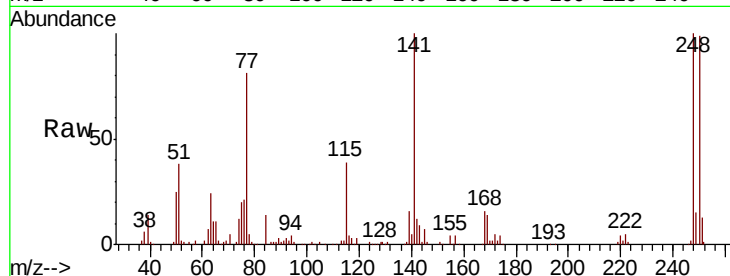




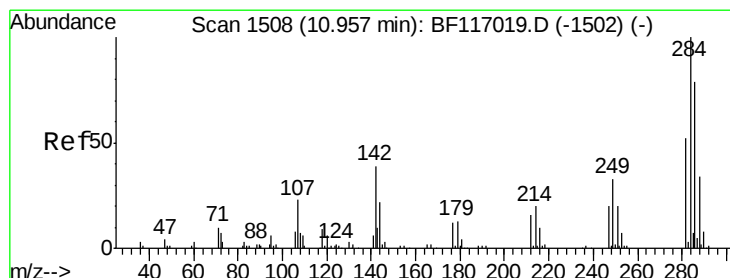
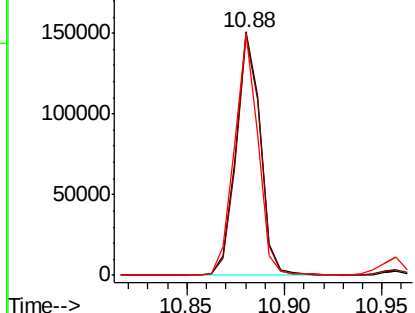
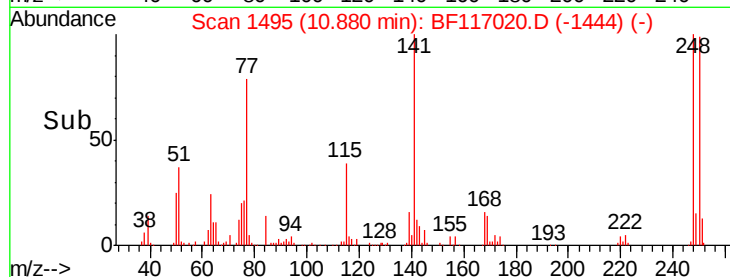
#67
4-Bromophenyl-phenylether
Concen: 49.793 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 130734
Ion Ratio Lower Upper
248 100
250 98.6 76.2 114.4
141 99.6 75.0 112.4

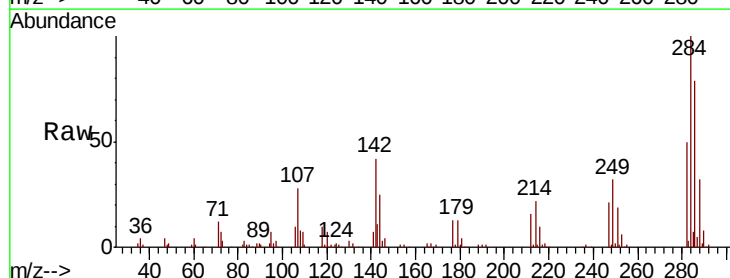


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

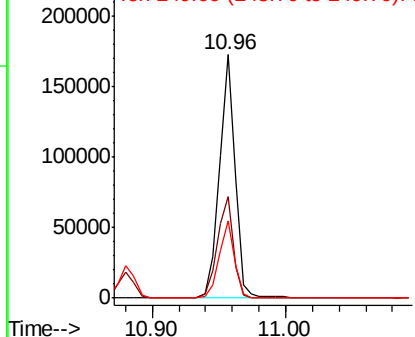
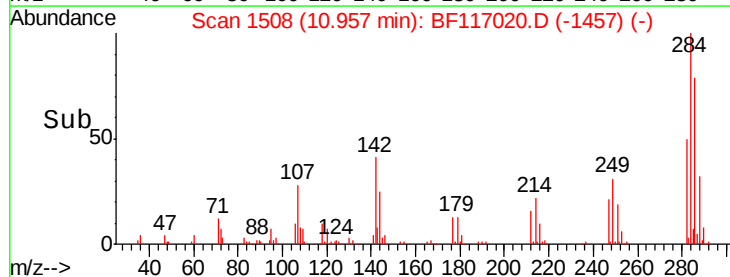


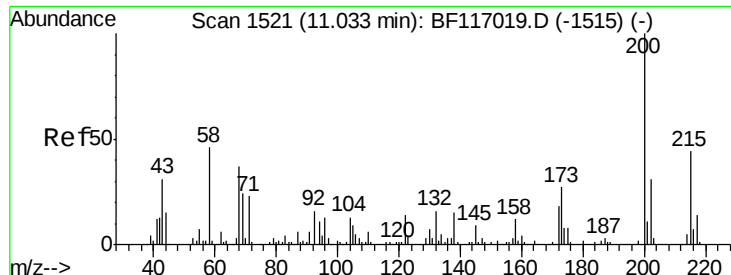
#68
Hexachlorobenzene
Concen: 52.476 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:284 Resp: 144152
Ion Ratio Lower Upper
284 100
142 41.6 31.4 47.2
249 31.5 26.5 39.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

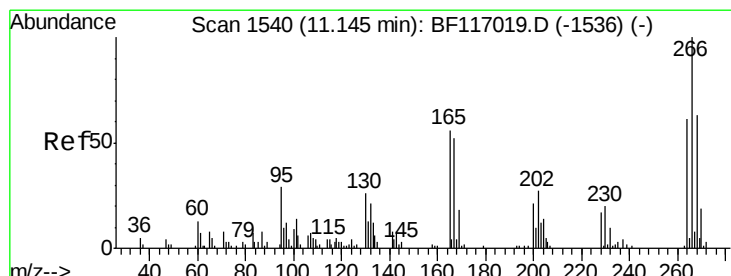
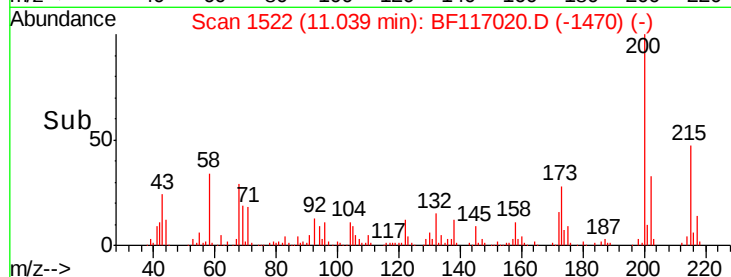
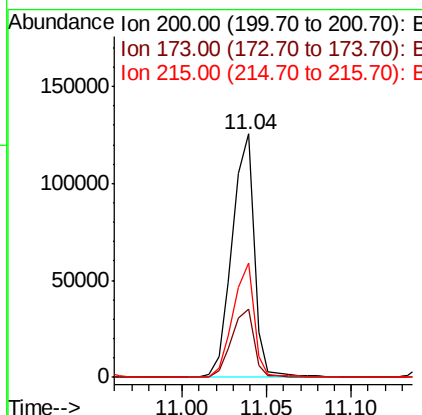
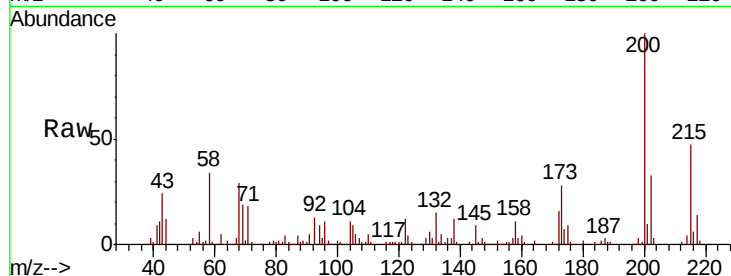




#69
 Atrazine
 Concen: 45.716 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

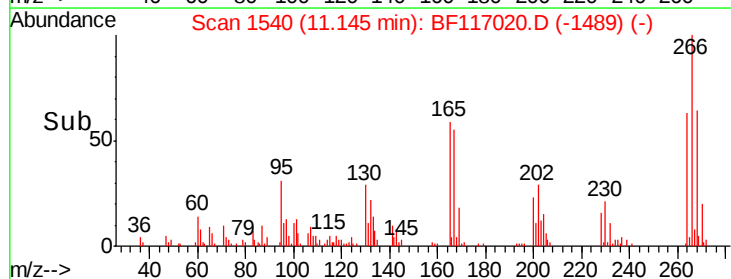
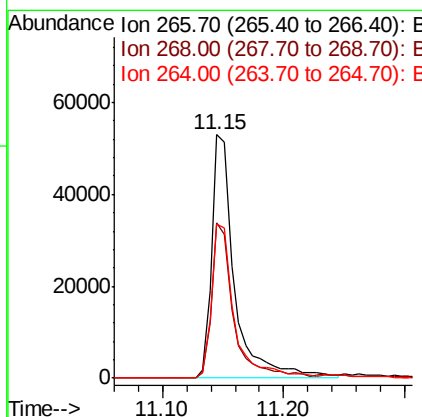
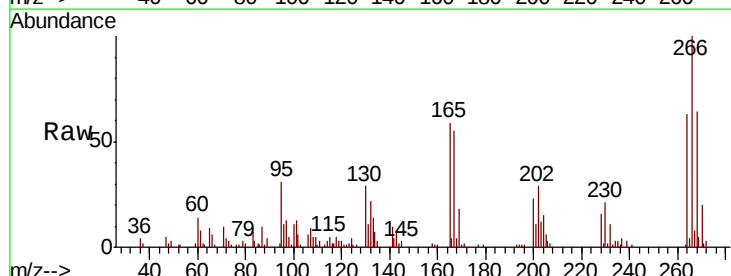
Instrument :
 BNA_F
 ClientSampleId :

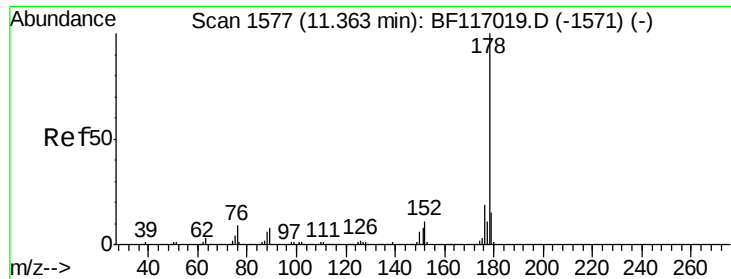
Tot Ion:200 Resp: 114477
 Ion Ratio Lower Upper
 200 100
 173 27.8 6.9 46.9
 215 47.2 23.8 63.8



#70
 Pentachlorophenol
 Concen: 52.084 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion:266 Resp: 69212
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.5 75.7
 264 63.3 48.8 73.2





#71

Phenanthrene

Concen: 50.895 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampled :

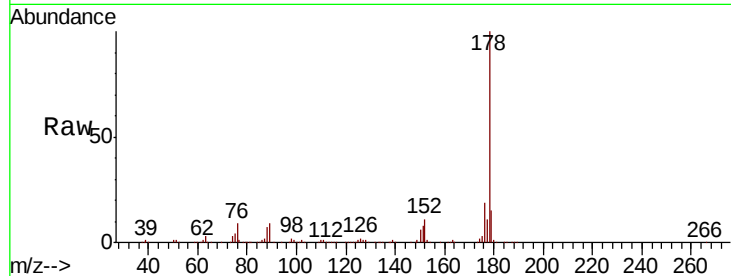
Tot Ion:178 Resp: 732236

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.4	18.6

178 100

176 19.3 15.4 23.2

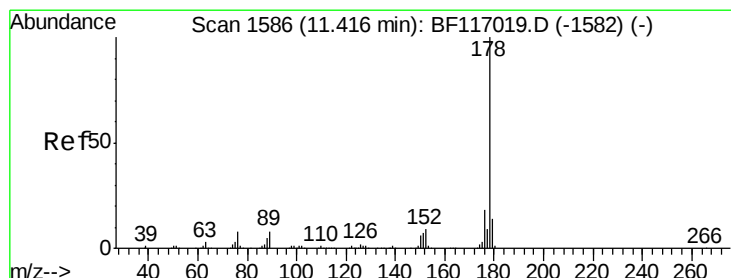
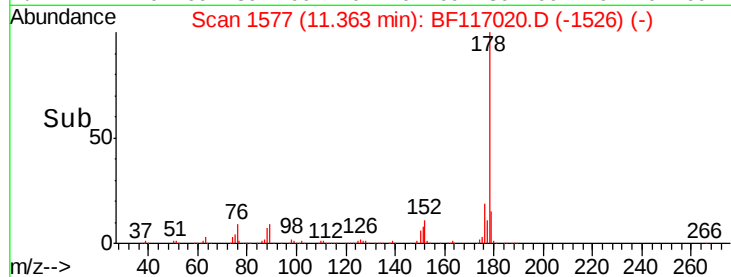
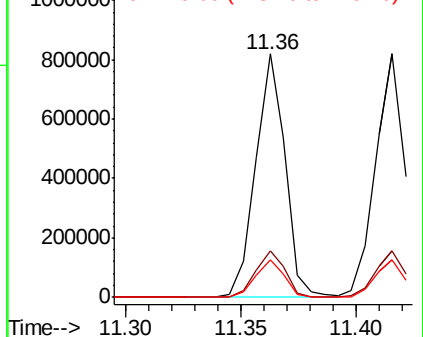
179 15.2 12.4 18.6



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: 50.761 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

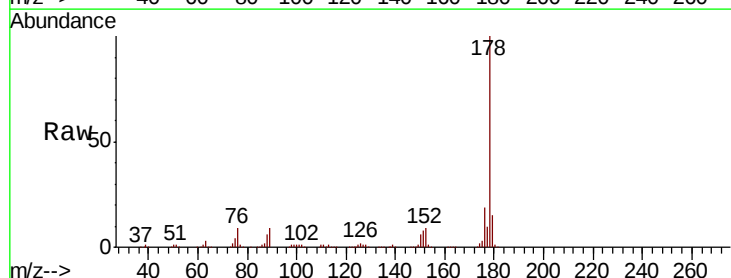
Tgt Ion:178 Resp: 735157

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	15.4	11.6	17.4

178 100

176 19.1 14.6 21.8

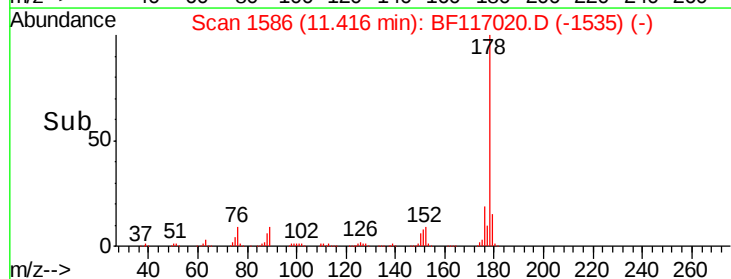
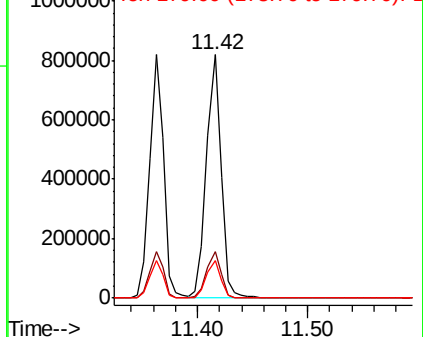
179 15.4 11.6 17.4



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

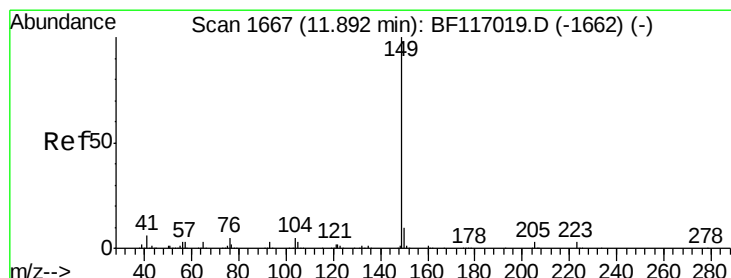
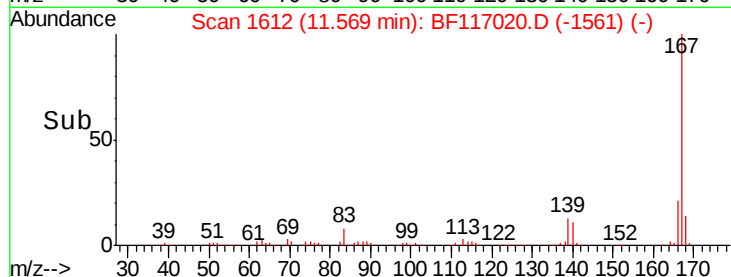
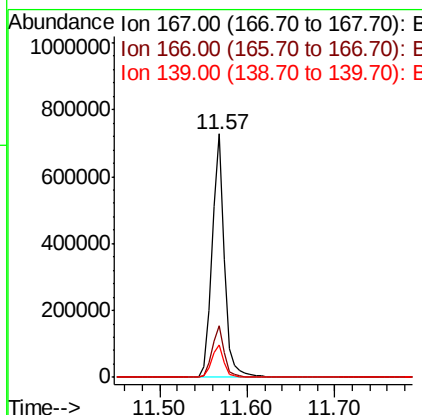
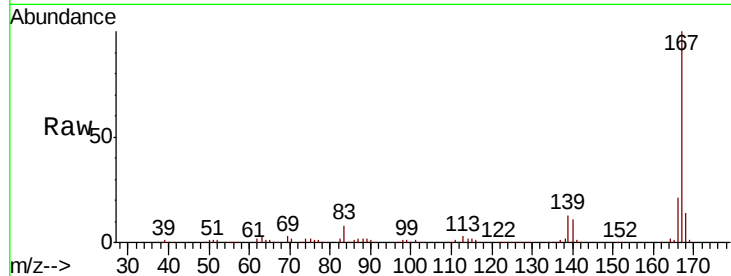




#73
 Carbazole
 Concen: 51.372 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

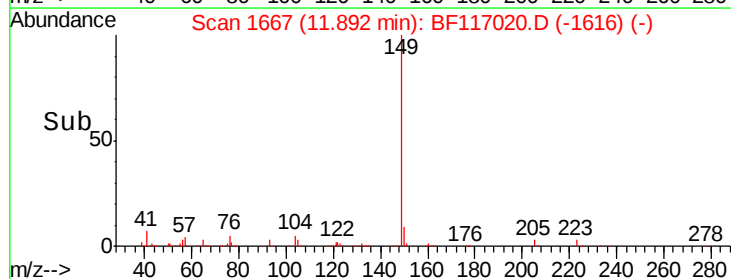
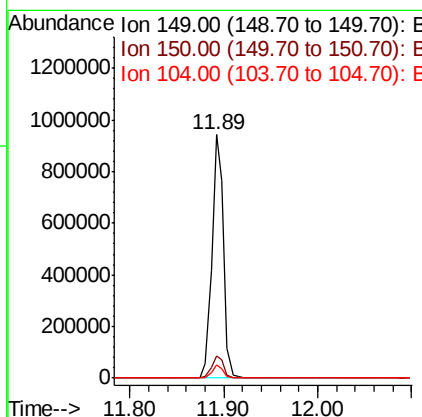
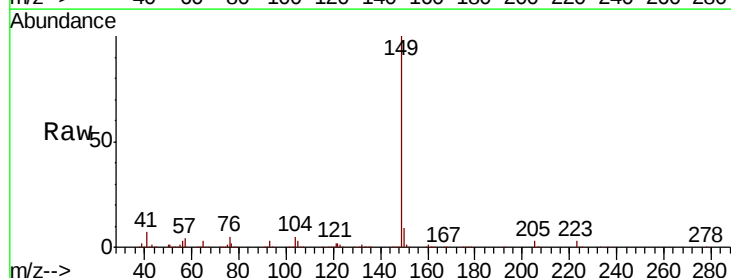
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.4	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 46.737 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.5	4.2	6.4

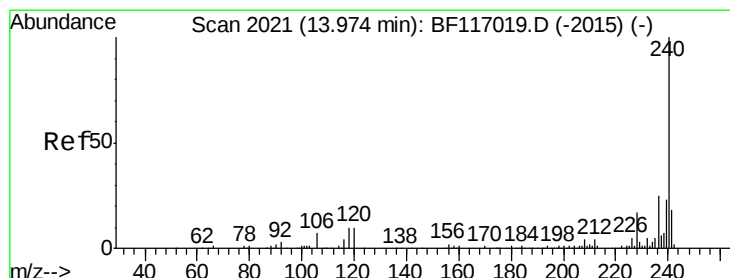
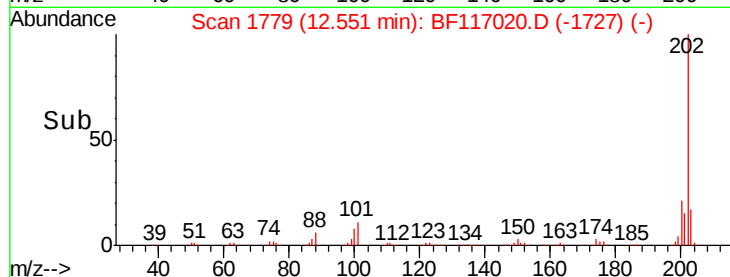
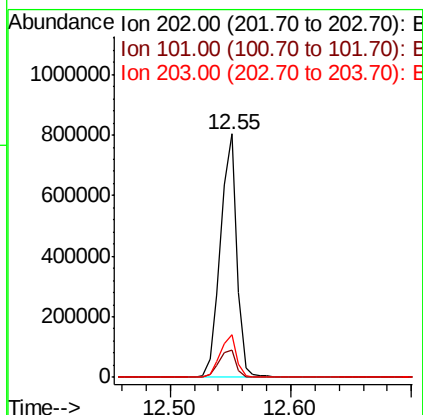
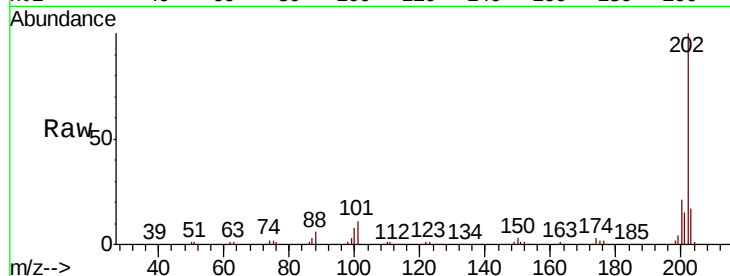




#75
 Fluoranthene
 Concen: 52.914 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

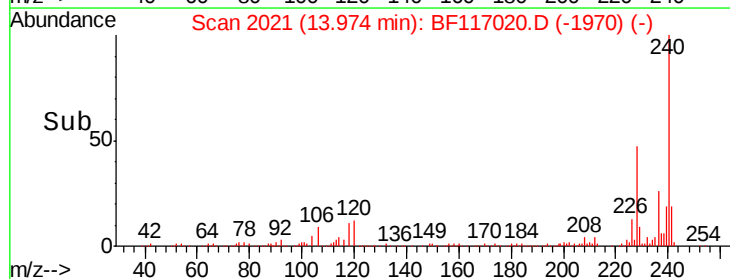
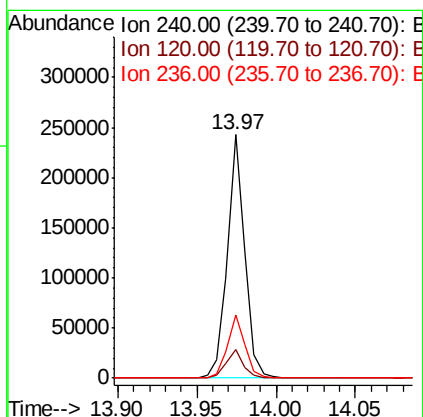
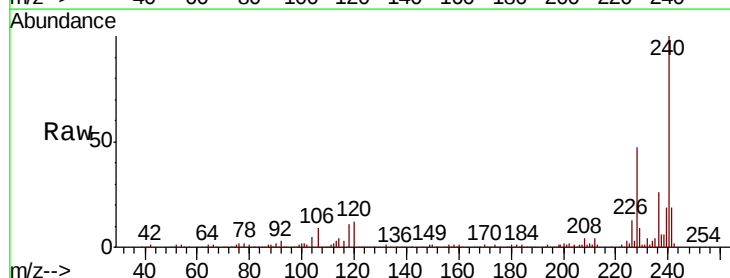
Instrument :
 BNA_F
 ClientSampleId :

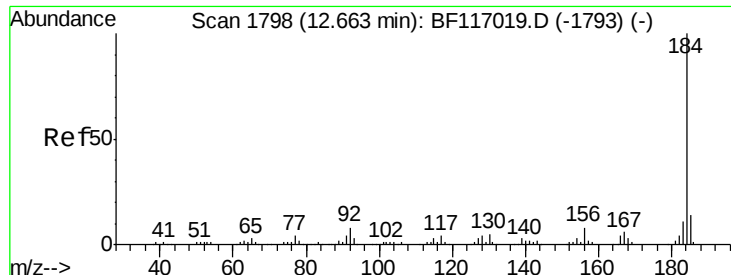
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.3
203	17.3	0.0	37.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	25.9	20.3	30.5

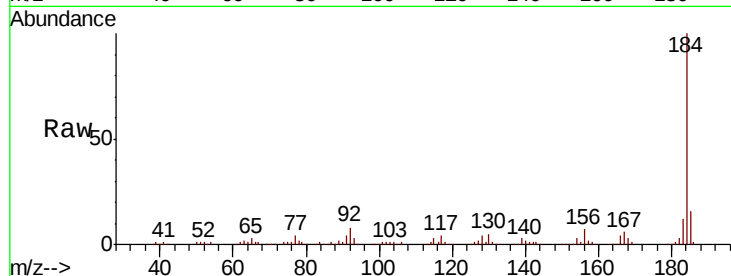




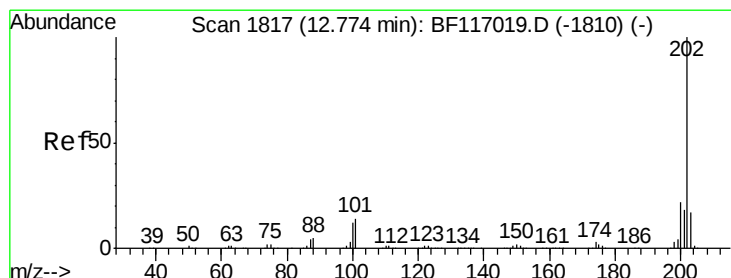
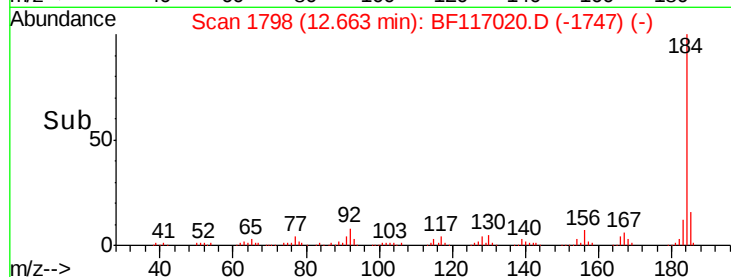
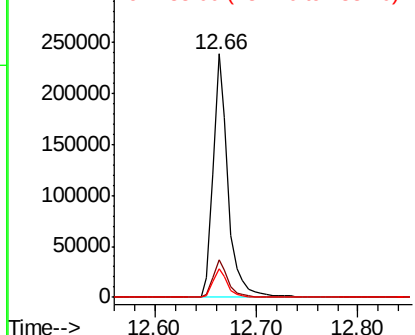
#77
Benzidine
Concen: 33.837 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 244460
Ion Ratio Lower Upper
184 100
185 15.7 11.6 17.4
183 11.7 9.0 13.4

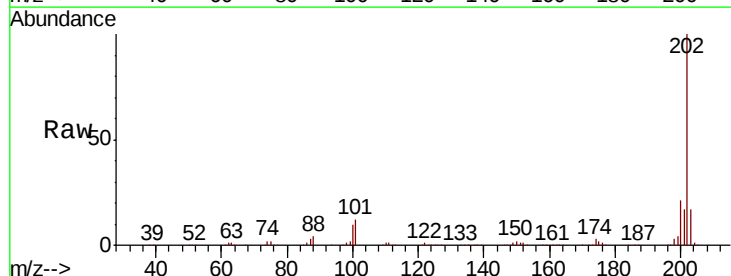


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

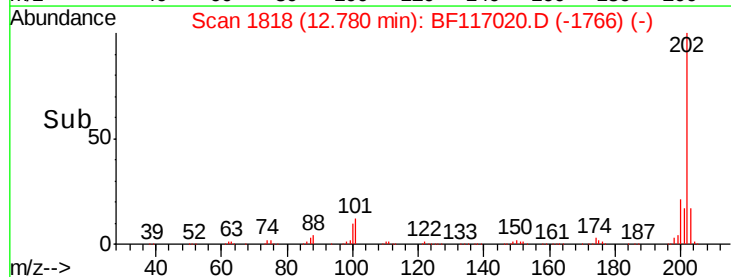
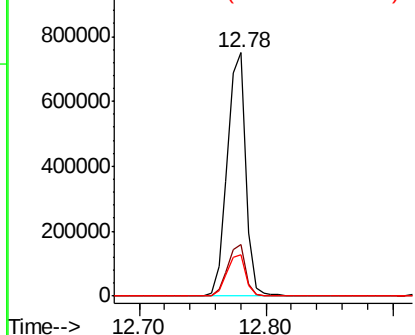


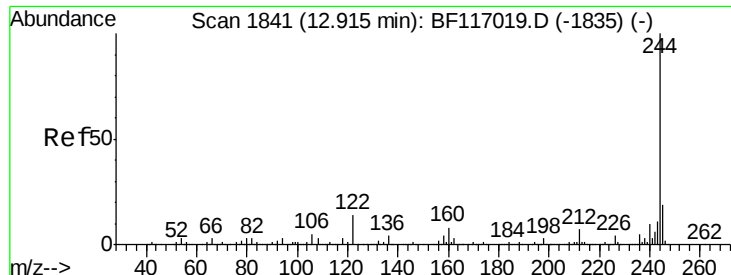
#78
Pyrene
Concen: 46.015 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:202 Resp: 753431
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.0 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: 95.279 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Instrument :

BNA_F

ClientSampleId :

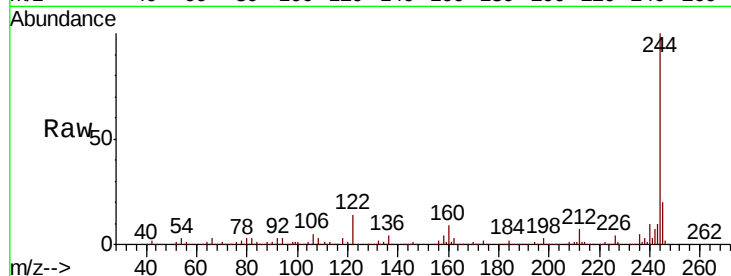
Tot Ion:244 Resp: 948673

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

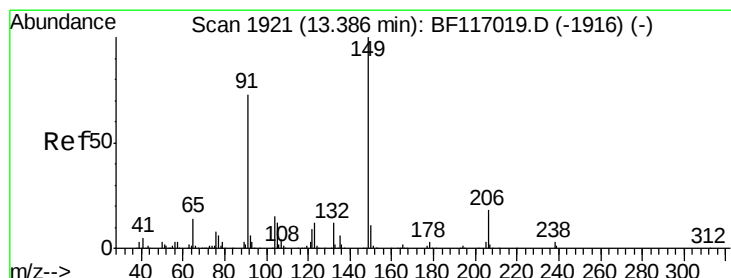
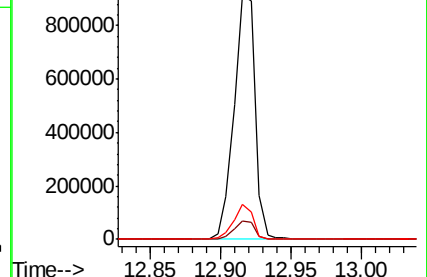
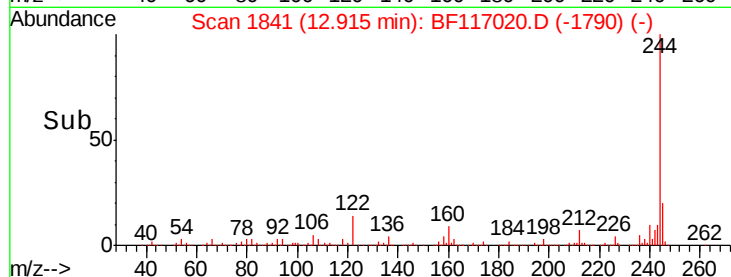
122 14.5 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.630 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

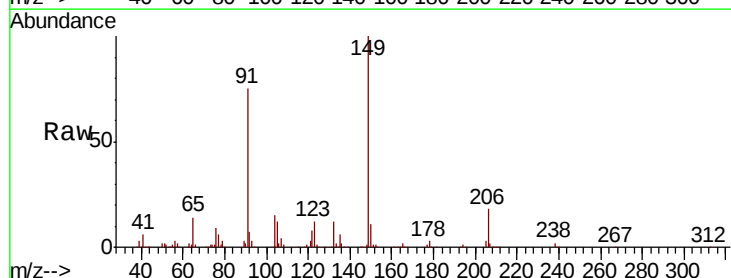
Tgt Ion:149 Resp: 355368

Ion Ratio Lower Upper

149 100

91 75.5 58.8 88.2

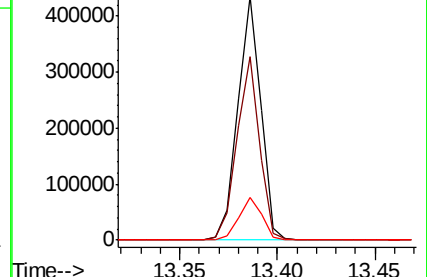
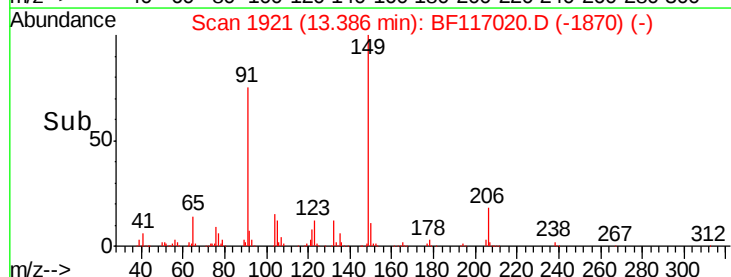
206 17.7 14.1 21.1

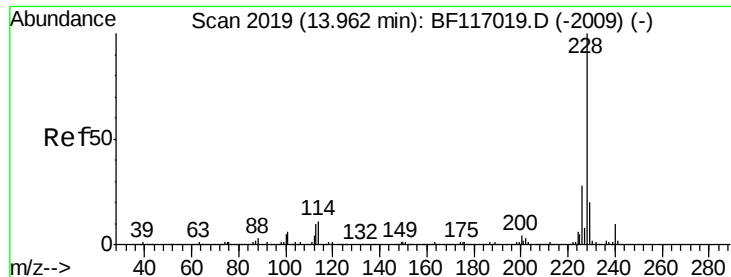


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.627 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

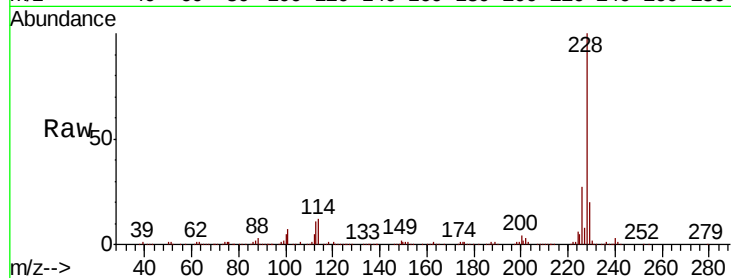
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 601842

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.3	33.5
229	19.8	15.9	23.9

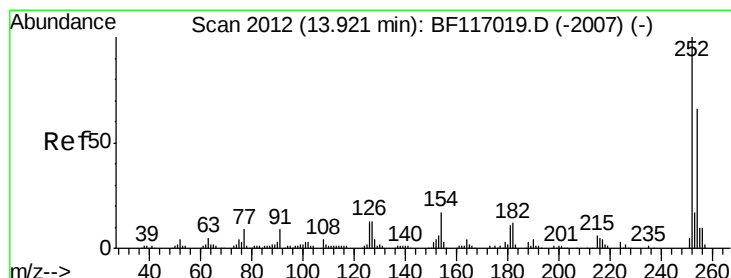
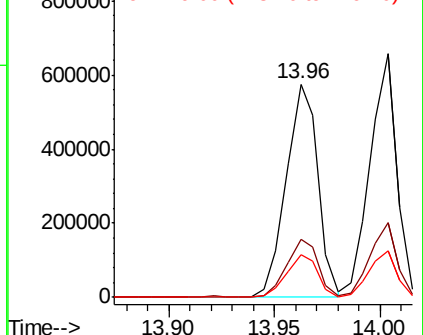
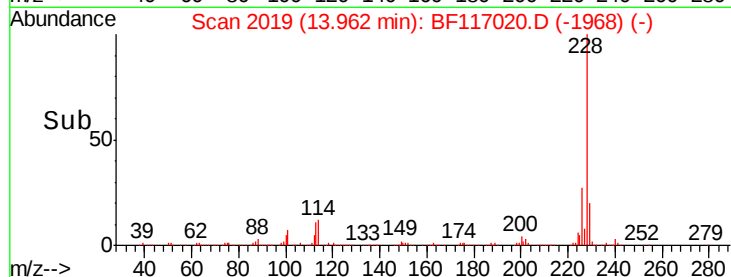


Abundance

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: 48.047 ng

RT: 13.92 min Scan# 2012

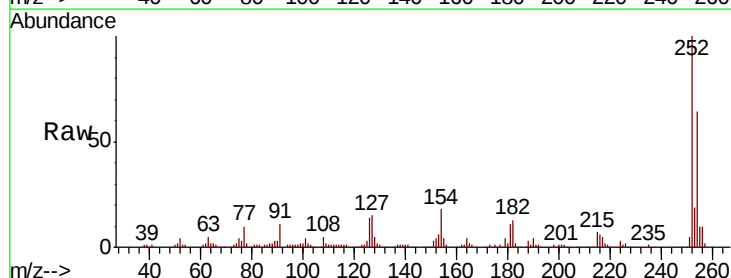
Delta R.T. 0.00 min

Lab File: BF117020.D

Acq: 13 Sep 2019 13:49

Tgt Ion:252 Resp: 189285

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.6	79.0
126	14.2	10.4	15.6

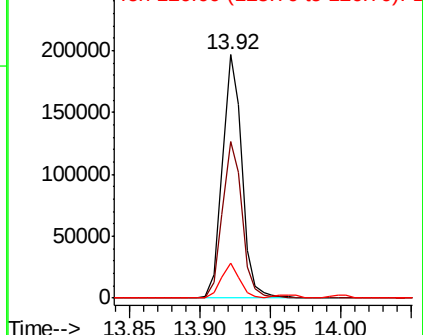
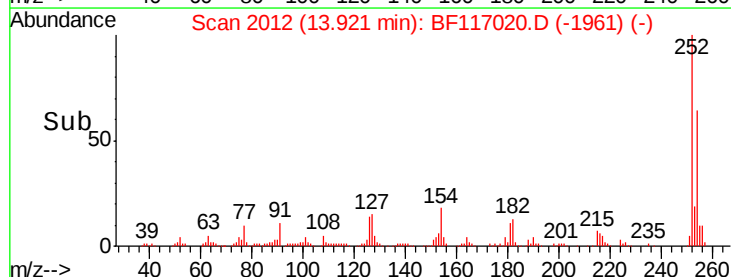


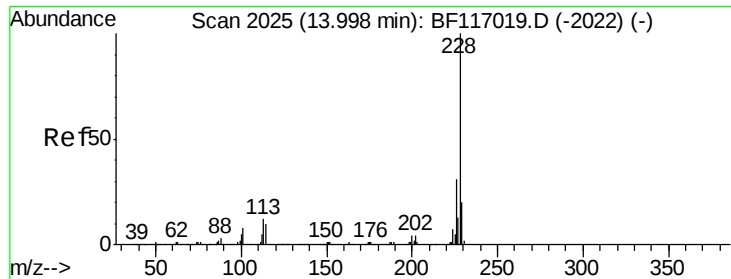
Abundance

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

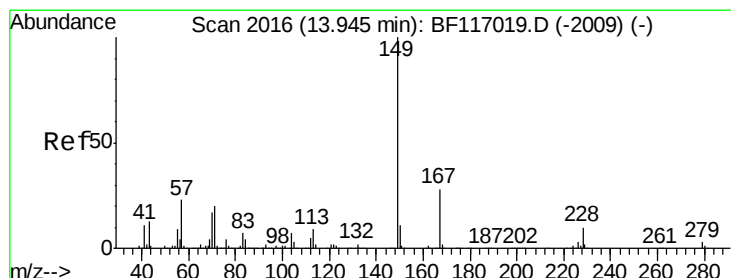
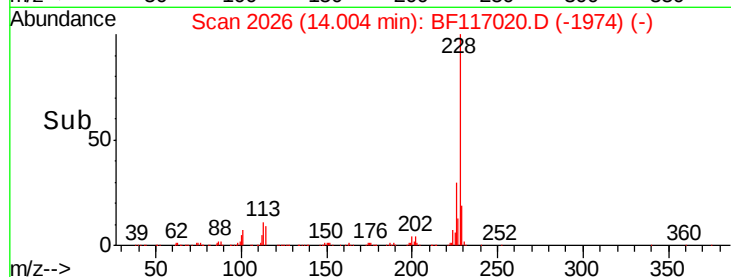
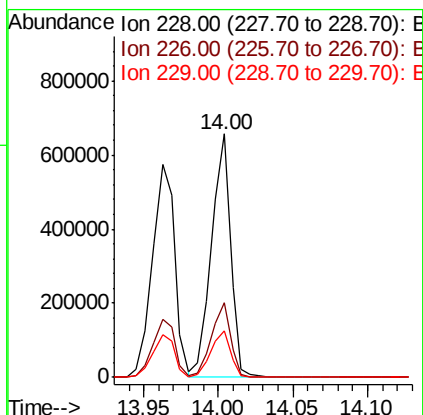
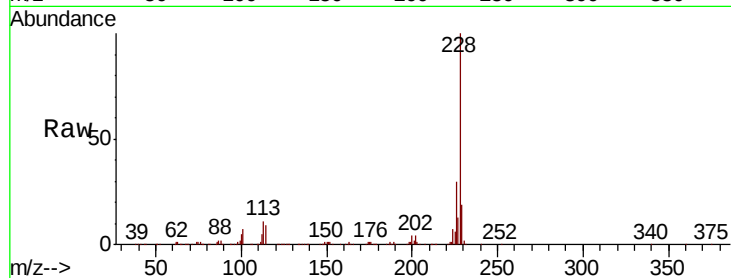




#83
 Chrvsene
 Concen: 48.760 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

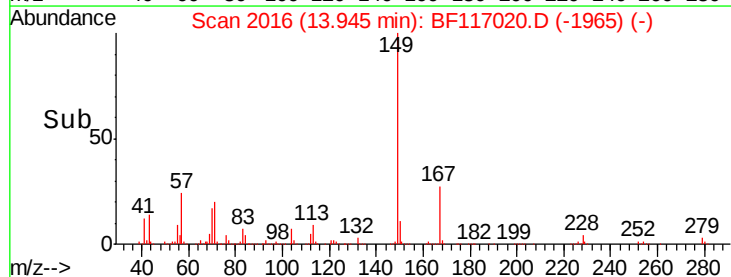
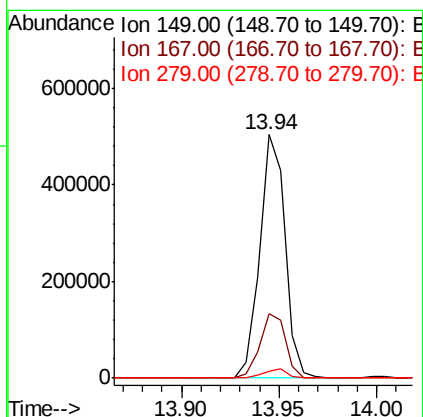
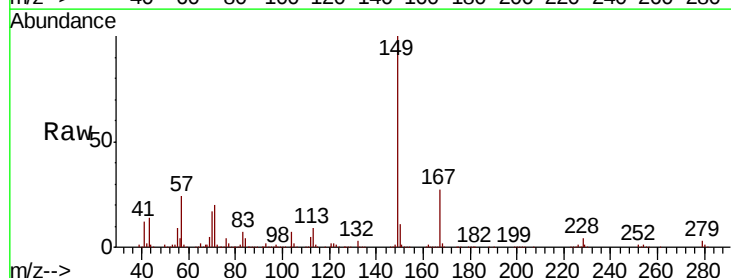
Instrument :
 BNA_F
 ClientSampleId :

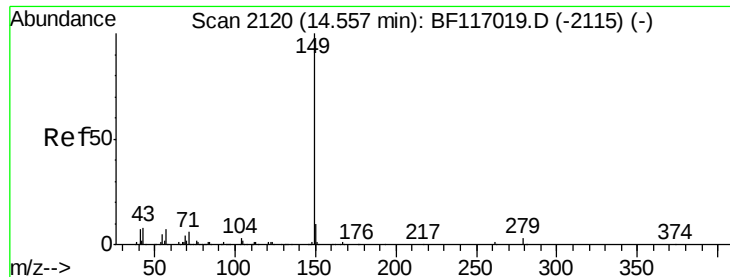
Tot Ion:228 Resp: 585621
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.8 37.2
 229 19.3 15.8 23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.047 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF117020.D
 Acq: 13 Sep 2019 13:49

Tgt Ion:149 Resp: 452596
 Ion Ratio Lower Upper
 149 100
 167 26.5 22.2 33.2
 279 2.9 2.8 4.2

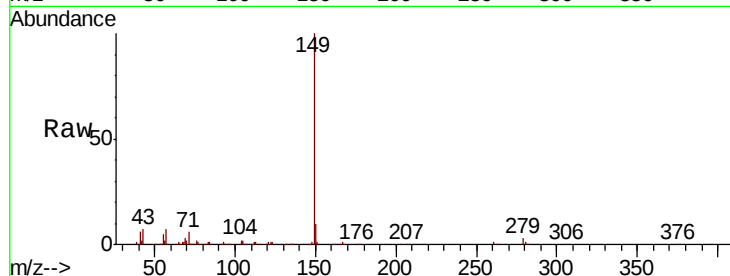




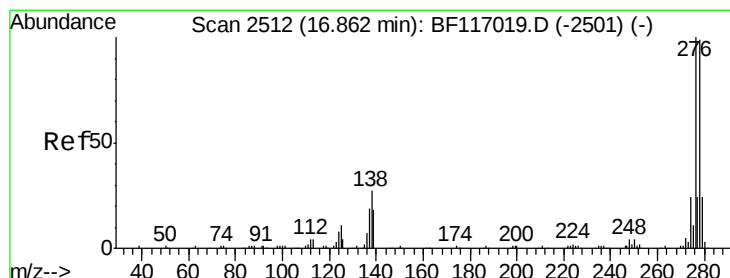
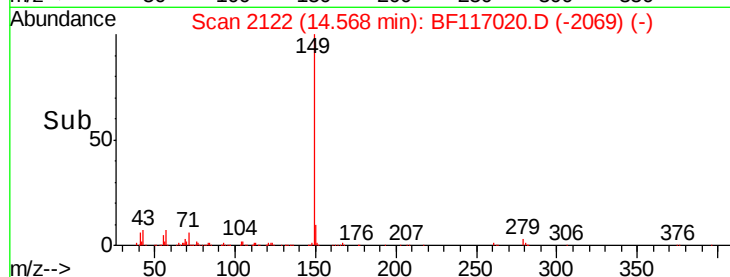
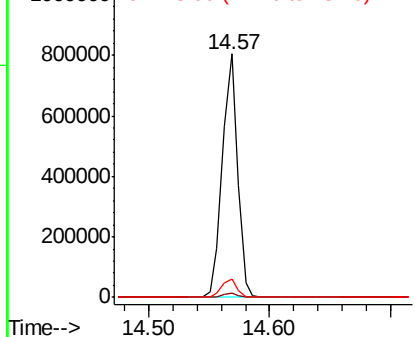
#85
Di-n-octyl phthalate
Concen: 43.431 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampled :

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

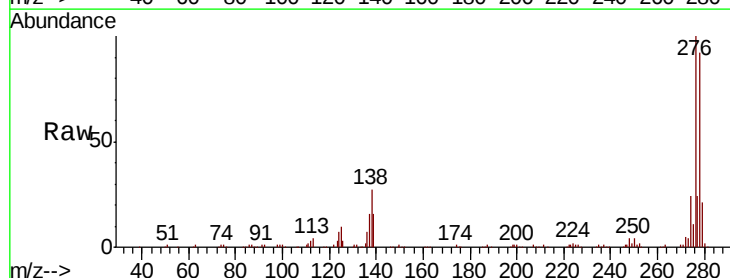


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

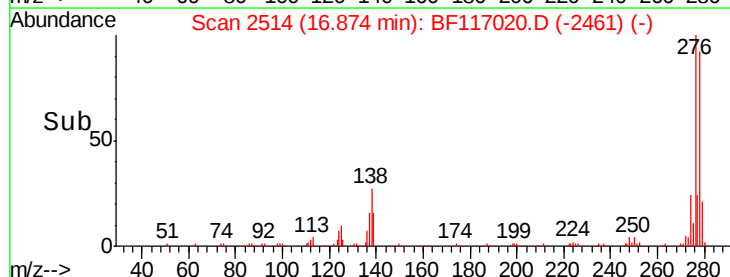
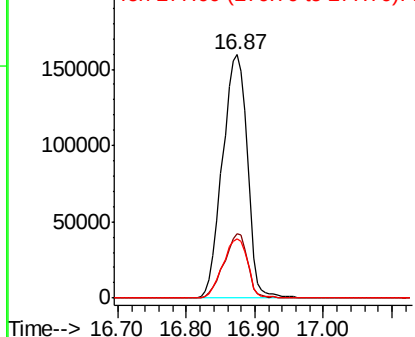


#86
Indeno(1,2,3-cd)pyrene
Concen: 41.723 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.7	31.1
277	24.3	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

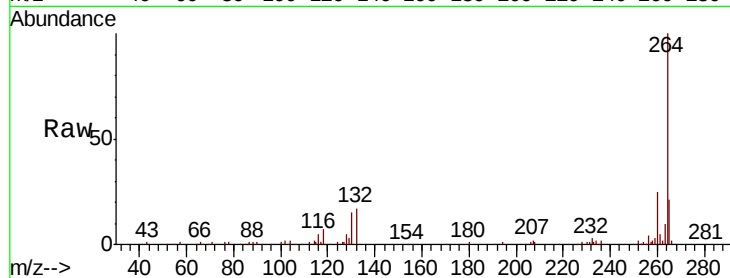




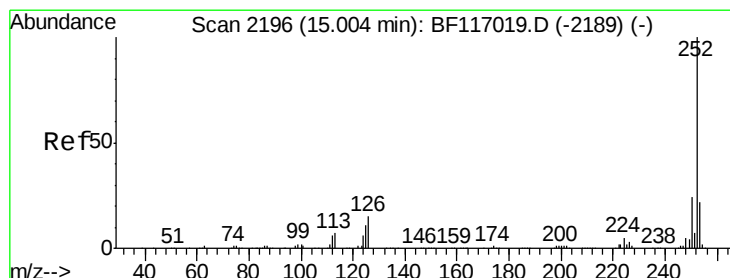
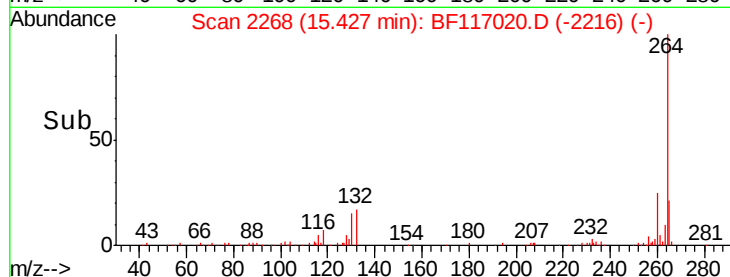
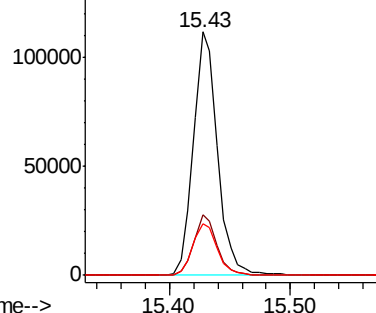
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 153328
Ion Ratio Lower Upper
264 100
260 24.7 17.6 26.4
265 21.2 16.6 24.8

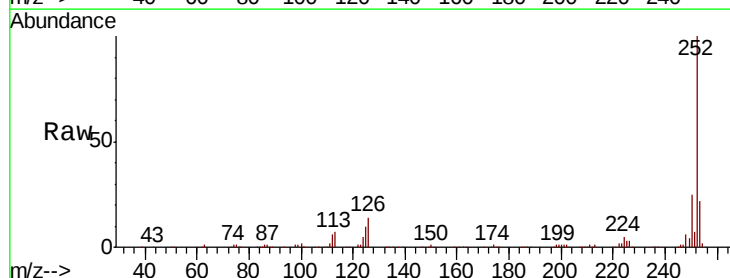


Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

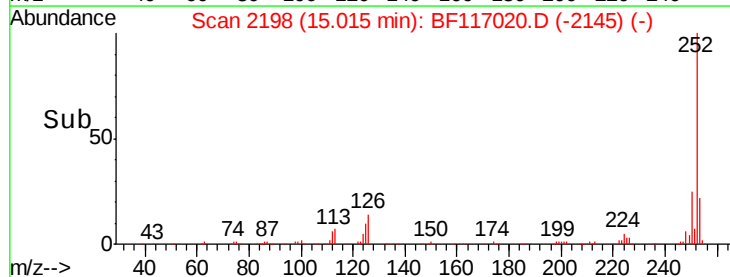
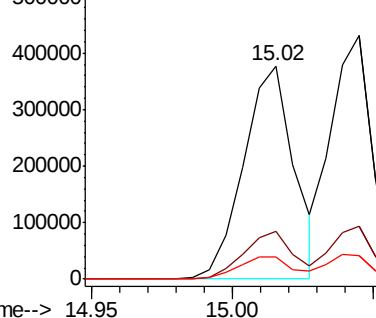


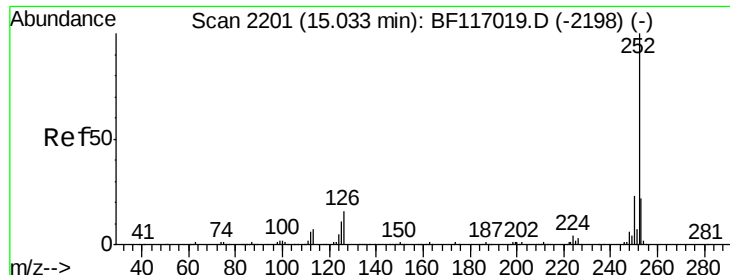
#88
Benzo(b)fluoranthene
Concen: 50.499 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:252 Resp: 468129
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.4 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

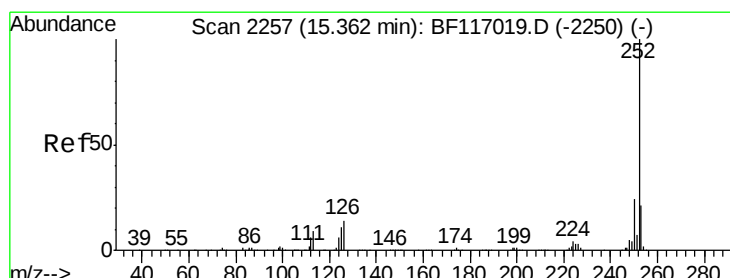
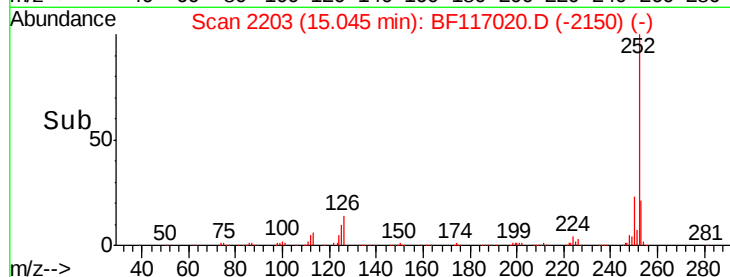
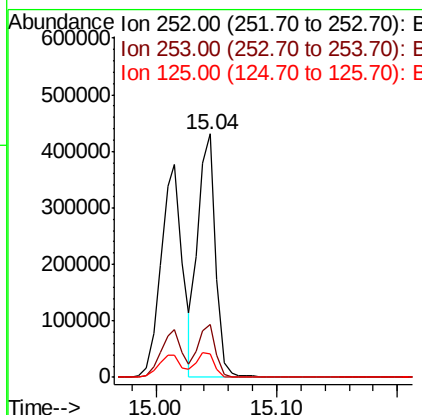
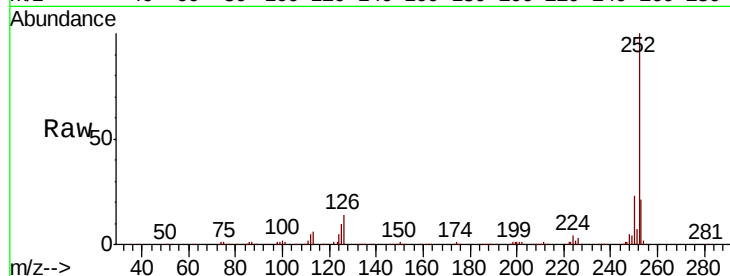




#89
Benzo(k)fluoranthene
Concen: 52.091 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

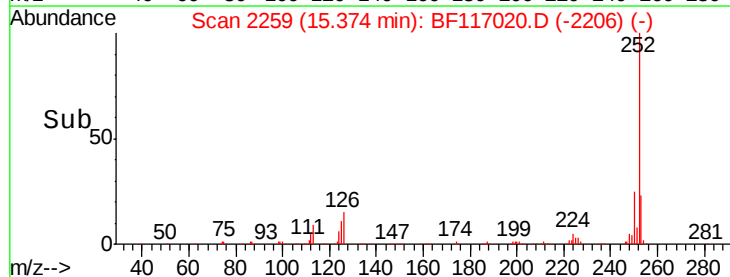
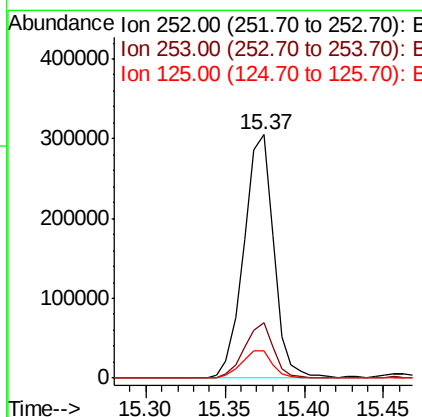
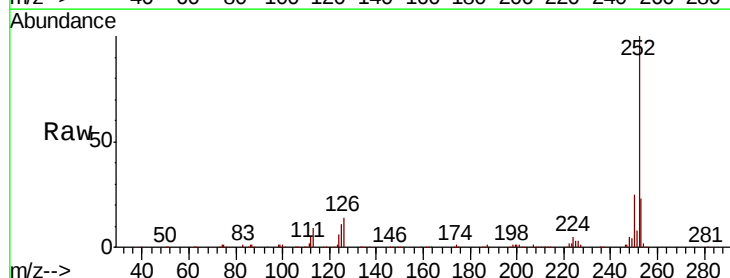
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 440279
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 9.6 8.8 13.2



#90
Benzo(a)pyrene
Concen: 49.519 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion:252 Resp: 399368
Ion Ratio Lower Upper
252 100
253 22.5 16.6 25.0
125 11.4 8.9 13.3

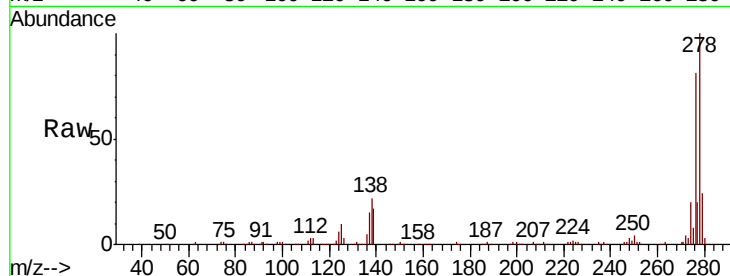




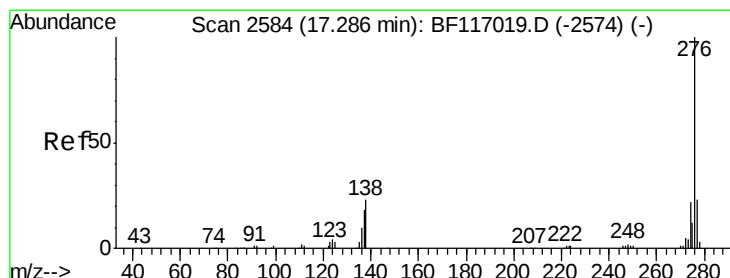
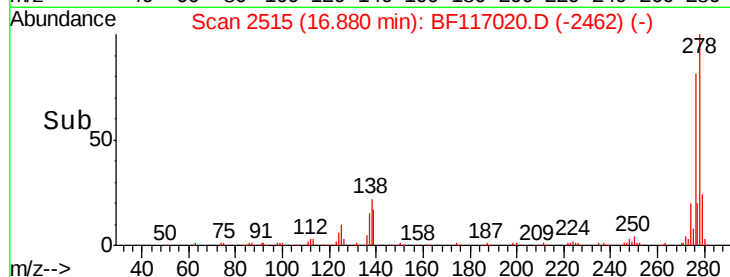
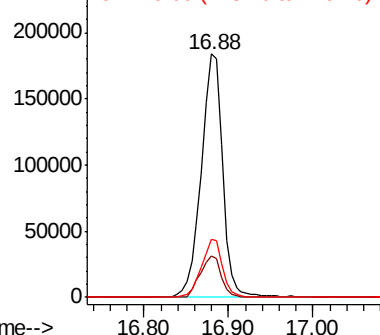
#91
Dibenzo(a,h)anthracene
Concen: 45.498 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.5	20.3
279	23.7	18.8	28.2

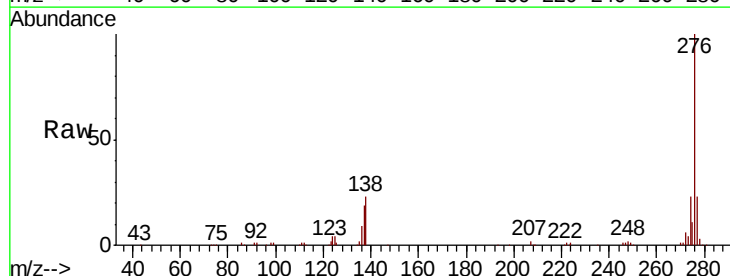


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.546 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.02 min
Lab File: BF117020.D
Acq: 13 Sep 2019 13:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	27.8
138	22.6	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

