

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117024.D
 Acq On : 13 Sep 2019 16:08
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091319

Quant Time: Sep 13 17:15:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79315	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	327426	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	165290	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	272828	20.00	ng	0.00
76) Chrysene-d12	13.97	240	201397	20.00	ng	0.00
87) Perylene-d12	15.42	264	205201	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	386952	76.17	ng	0.00
7) Phenol-d6	6.46	99	501736	76.42	ng	0.00
23) Nitrobenzene-d5	7.39	82	477394	76.61	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	106242	76.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	812731	76.88	ng	0.00
79) Terphenyl-d14	12.92	244	781367	72.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.56	88	81228	38.210	ng	99
3) Pyridine	3.30	79	219714	37.761	ng	95
4) n-Nitrosodimethylamine	3.25	42	75589	37.855	ng	92
6) Aniline	6.49	93	325693	38.529	ng	98
8) 2-Chlorophenol	6.61	128	208777	38.094	ng	99
9) Benzaldehyde	6.37	77	136677	42.177	ng	97
10) Phenol	6.47	94	276824	38.247	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	199204	37.447	ng	99
12) 1,3-Dichlorobenzene	6.76	146	234581	38.144	ng	99
13) 1,4-Dichlorobenzene	6.84	146	236889	37.745	ng	99
14) 1,2-Dichlorobenzene	6.99	146	227773	38.980	ng	96
15) Benzyl Alcohol	6.96	79	194352	38.602	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	199699	37.997	ng	99
17) 2-Methylphenol	7.08	107	173968	37.875	ng	96
18) Hexachloroethane	7.33	117	92082	38.138	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	149722	37.450	ng	93
20) 3+4-Methylphenols	7.23	107	218178	38.134	ng	99
22) Acetophenone	7.23	105	315218	37.892	ng	99
24) Nitrobenzene	7.40	77	238383	38.736	ng	98
25) Isophorone	7.65	82	411790	37.321	ng	100
26) 2-Nitrophenol	7.72	139	105372	39.863	ng	98
27) 2,4-Dimethylphenol	7.76	122	157642	37.607	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	256251	37.695	ng	99
29) 2,4-Dichlorophenol	7.96	162	169866	38.674	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	178137	37.540	ng	100
31) Naphthalene	8.13	128	598042	37.978	ng	99
32) Benzoic acid	7.89	122	114023	37.669	ng	96
33) 4-Chloroaniline	8.17	127	264949	37.935	ng	100
34) Hexachlorobutadiene	8.25	225	103132	38.307	ng	97
35) Caprolactam	8.55	113	54999	36.995	ng	87
36) 4-Chloro-3-methylphenol	8.66	107	195027	38.080	ng	99
37) 2-Methylnaphthalene	8.82	142	401120	37.827	ng	99
38) 1-Methylnaphthalene	8.92	142	373305	37.588	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	159495	37.368	ng	99

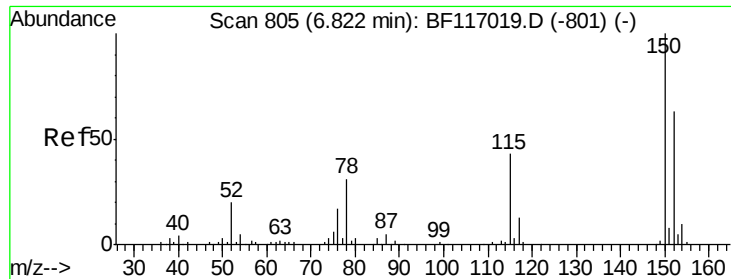
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	59979	36.520	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	110120	38.018	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	118527	38.300	ng	99
46) 1,1'-Biphenyl	9.28	154	488426	37.672	ng	98
47) 2-Chloronaphthalene	9.30	162	390743	38.187	ng	99
48) 2-Nitroaniline	9.40	65	126550	38.558	ng	97
49) Acenaphthylene	9.72	152	584928	38.159	ng	99
50) Dimethylphthalate	9.57	163	440654	37.652	ng	99
51) 2,6-Dinitrotoluene	9.64	165	91571	38.417	ng	94
52) Acenaphthene	9.89	154	343400	37.792	ng	99
53) 3-Nitroaniline	9.81	138	116273	38.663	ng	99
54) 2,4-Dinitrophenol	9.92	184	34162	38.555	ng	# 86
55) Dibenzofuran	10.06	168	511344	38.141	ng	99
56) 4-Nitrophenol	9.97	139	74833	38.393	ng	98
57) 2,4-Dinitrotoluene	10.05	165	126600	40.917	ng	95
58) Fluorene	10.40	166	409390	37.908	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	89513	37.798	ng	98
60) Diethylphthalate	10.27	149	432753	37.585	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	179341	38.382	ng	97
62) 4-Nitroaniline	10.42	138	120573	38.552	ng	97
63) Azobenzene	10.55	77	440825	37.486	ng	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	45061	37.938	ng	97
66) n-Nitrosodiphenylamine	10.51	169	348856	37.024	ng	97
67) 4-Bromophenyl-phenylether	10.88	248	105252	37.776	ng	98
68) Hexachlorobenzene	10.96	284	115150	37.785	ng	95
69) Atrazine	11.03	200	93688	38.417	ng	98
70) Pentachlorophenol	11.15	266	54519	38.165	ng	98
71) Phenanthrene	11.36	178	584967	37.748	ng	99
72) Anthracene	11.42	178	596297	37.691	ng	98
73) Carbazole	11.57	167	567828	37.812	ng	99
74) Di-n-butylphthalate	11.89	149	669245	37.457	ng	99
75) Fluoranthene	12.55	202	605323	38.016	ng	97
77) Benzidine	12.66	184	236126	36.397	ng	96
78) Pyrene	12.77	202	606479	35.889	ng	99
80) Butylbenzylphthalate	13.39	149	289397	36.243	ng	98
81) Benzo(a)anthracene	13.96	228	509047	37.832	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	161008	37.133	ng	98
83) Chrysene	14.00	228	498552	37.989	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	378771	36.790	ng	98
85) Di-n-octyl phthalate	14.56	149	631142	38.949	ng	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	378131	39.494	ng	99
88) Benzo(b)fluoranthene	15.00	252	454942	36.601	ng	100
89) Benzo(k)fluoranthene	15.03	252	433352	36.805	ng	98
90) Benzo(a)pyrene	15.36	252	408934	37.492	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	310703	35.758	ng	99
92) Benzo(g,h,i)perylene	17.29	276	301546	34.826	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: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

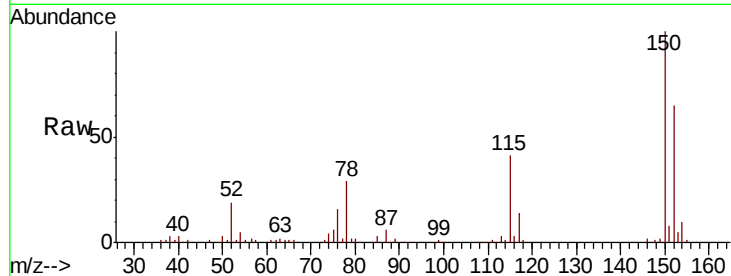
Tot Ion:152 Resp: 79315

Ion Ratio Lower Upper

152 100

150 154.9 127.5 191.3

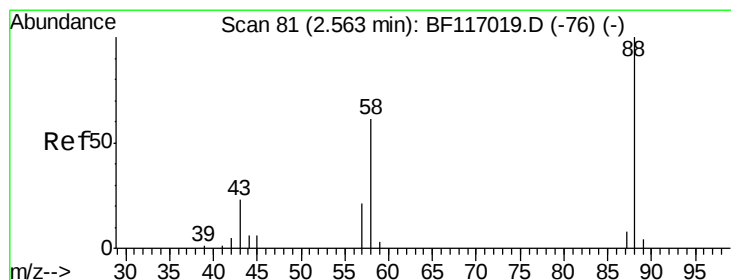
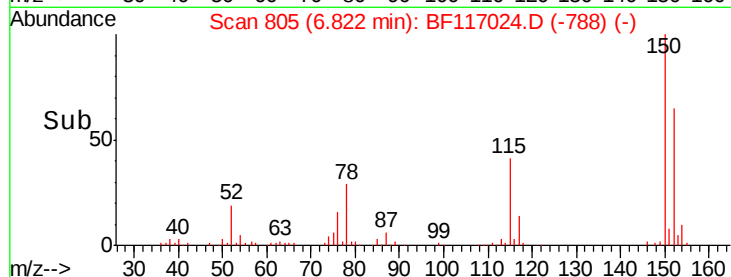
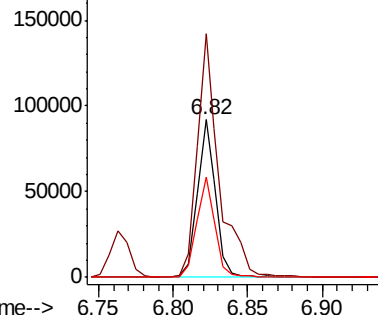
115 63.8 55.0 82.4



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: 38.210 ng

RT: 2.56 min Scan# 81

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

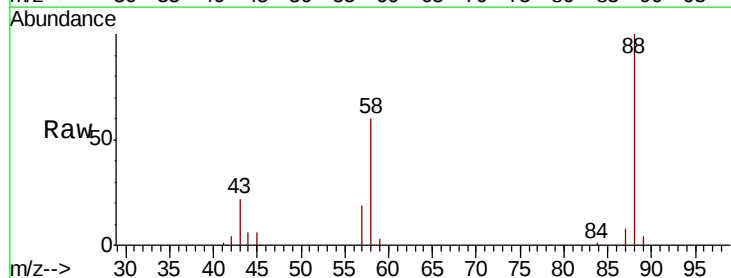
Tgt Ion: 88 Resp: 81228

Ion Ratio Lower Upper

88 100

58 60.8 49.3 73.9

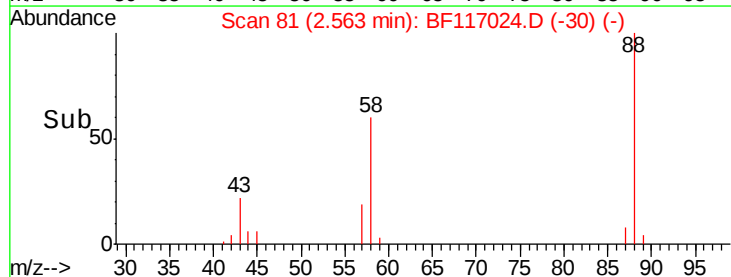
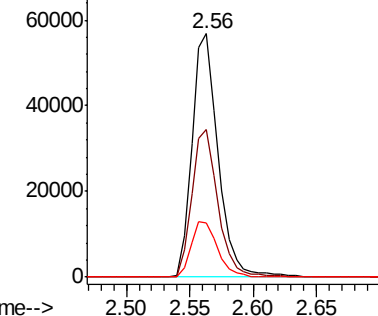
43 22.8 18.8 28.2



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: 37.761 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

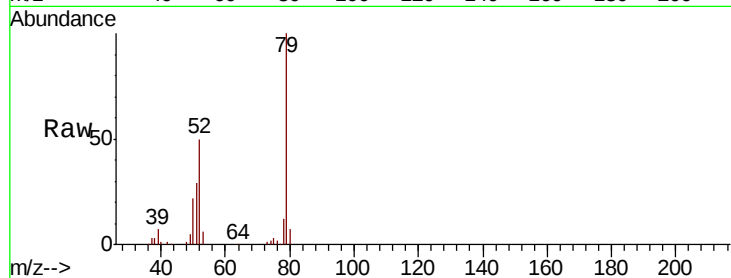
Tot Ion: 79 Resp: 219714

Ion Ratio Lower Upper

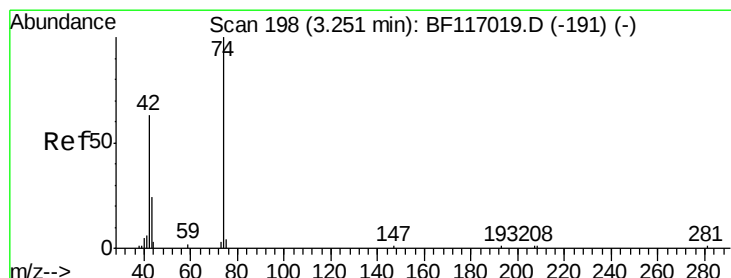
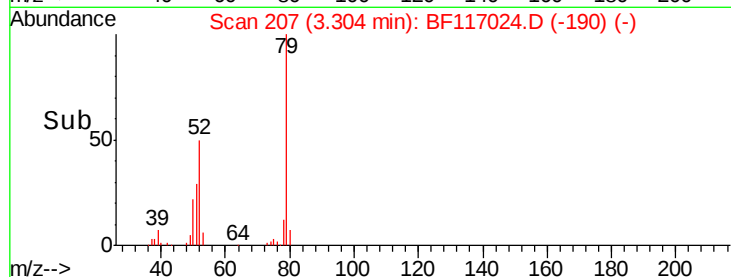
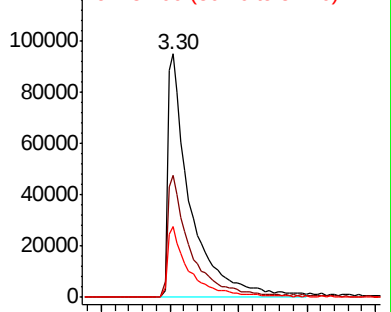
79 100

52 50.0 43.5 65.3

51 29.0 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: 37.855 ng

RT: 3.25 min Scan# 197

Delta R.T. -0.01 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

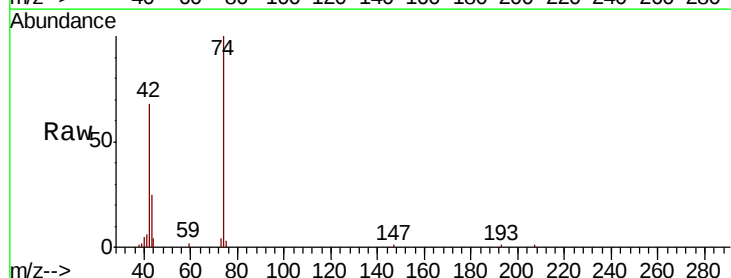
Tgt Ion: 42 Resp: 75589

Ion Ratio Lower Upper

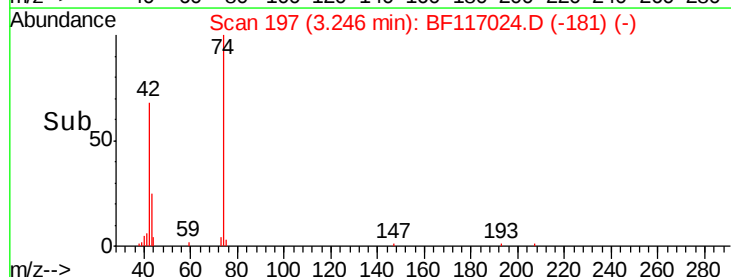
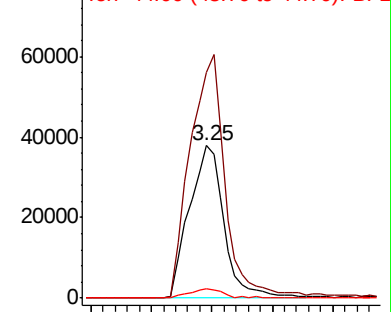
42 100

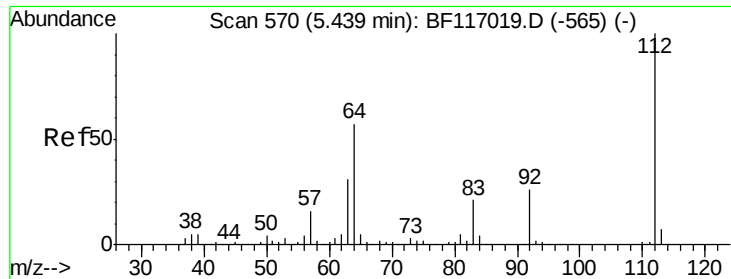
74 148.0 127.1 190.7

44 5.9 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: 76.168 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

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ClientSampleId :

ICVBF091319

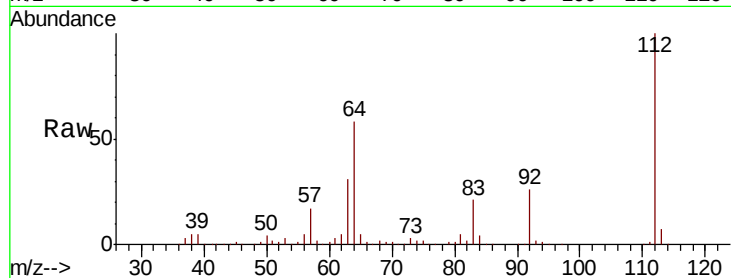
Tot Ion: 112 Resp: 386952

Ion Ratio Lower Upper

112 100

64 57.9 45.7 68.5

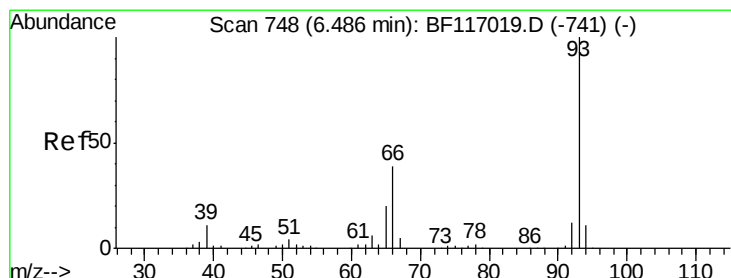
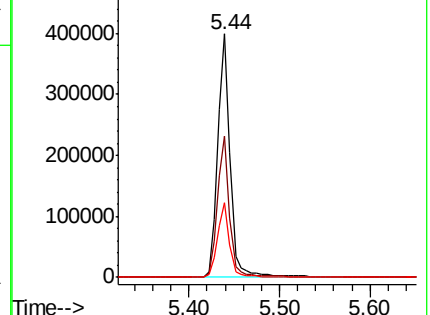
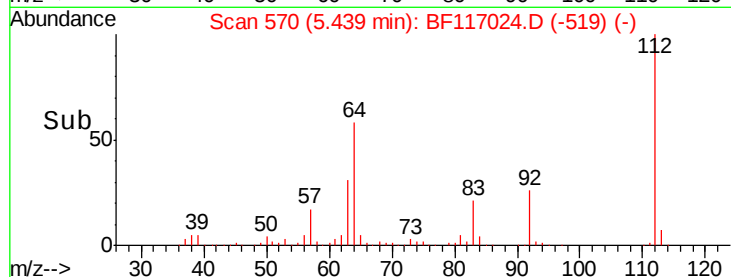
63 30.9 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.529 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

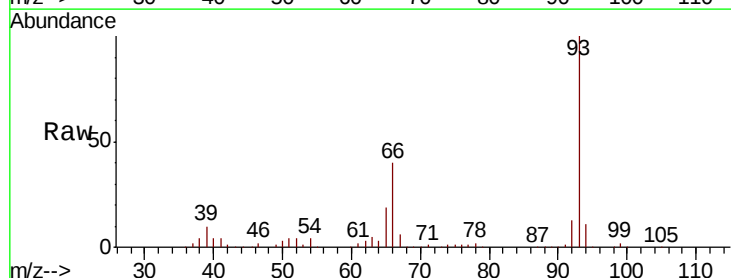
Tgt Ion: 93 Resp: 325693

Ion Ratio Lower Upper

93 100

66 39.8 32.6 49.0

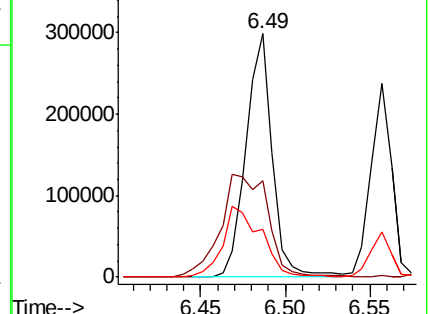
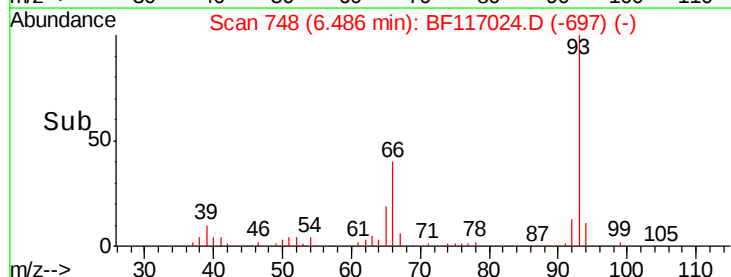
65 19.4 16.7 25.1

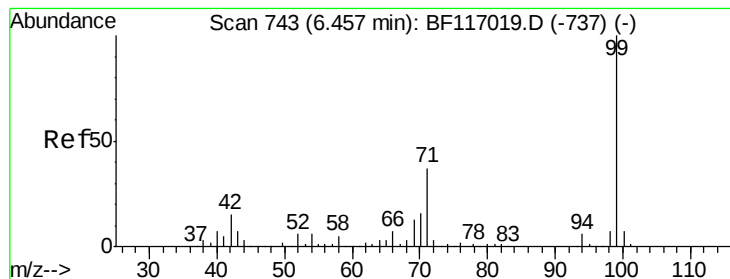


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.420 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117024.D

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ClientSampleId :

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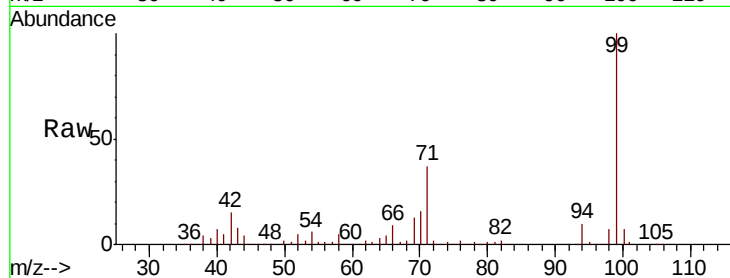
Tot Ion: 99 Resp: 501736

Ion Ratio Lower Upper

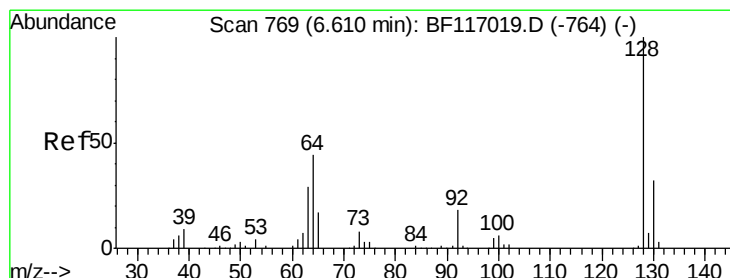
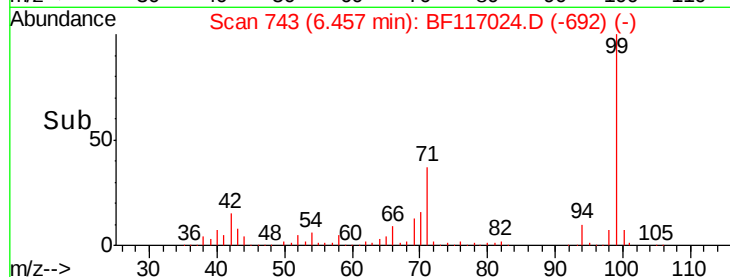
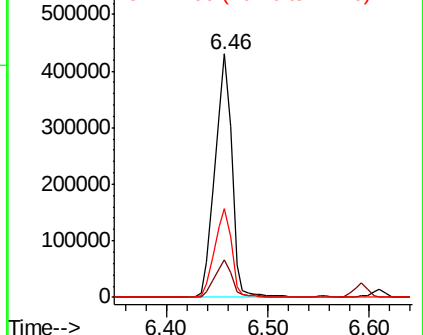
99 100

42 15.3 12.2 18.2

71 36.7 29.8 44.8



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



#8

2-Chlorophenol

Concen: 38.094 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

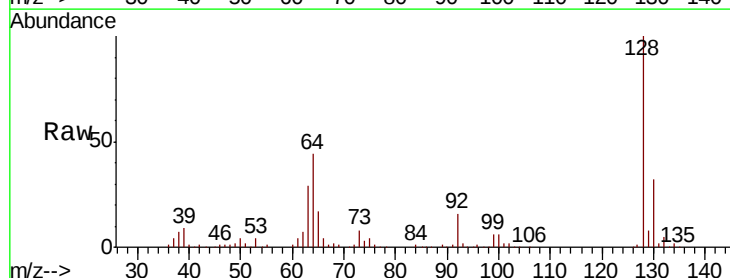
Tgt Ion: 128 Resp: 208777

Ion Ratio Lower Upper

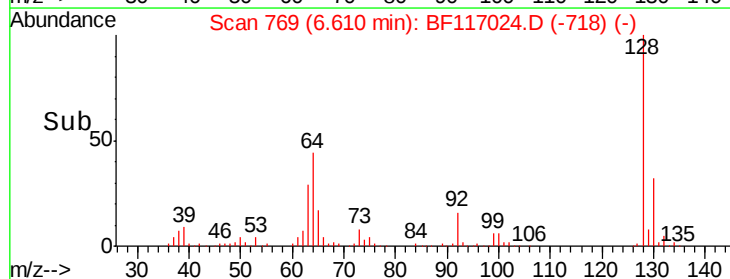
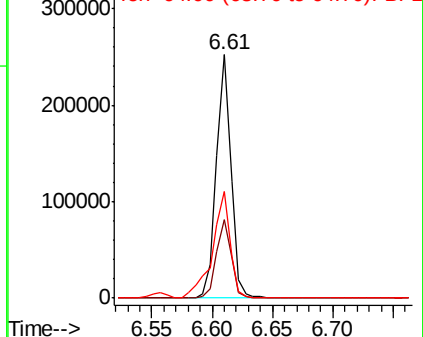
128 100

130 32.1 11.8 51.8

64 43.7 25.0 65.0



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





#9

Benzaldehyde

Concen: 42.177 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117024.D

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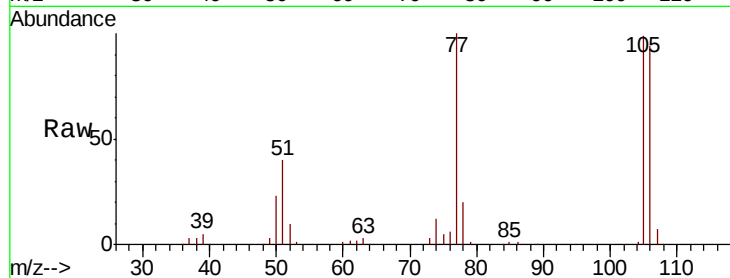
Tot Ion: 77 Resp: 136677

Ion Ratio Lower Upper

77 100

105 98.6 81.8 121.8

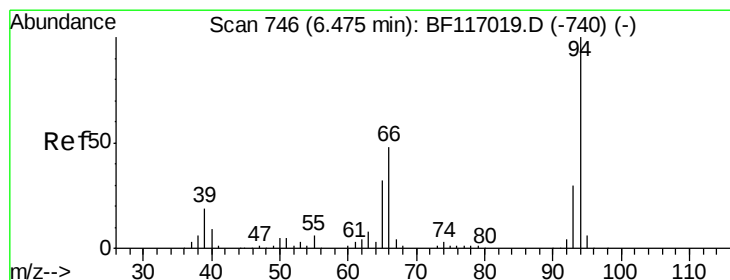
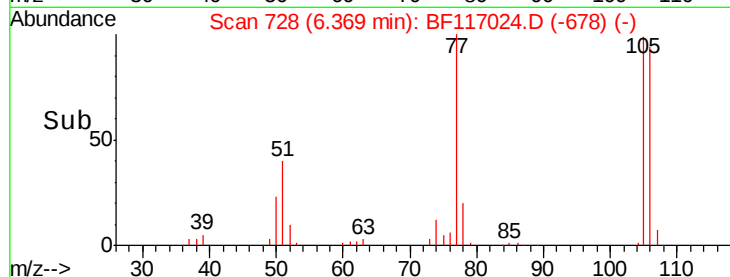
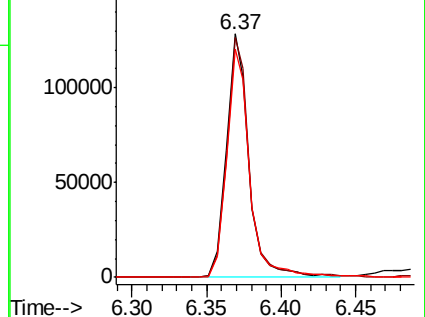
106 93.6 77.3 117.3



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: 38.247 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

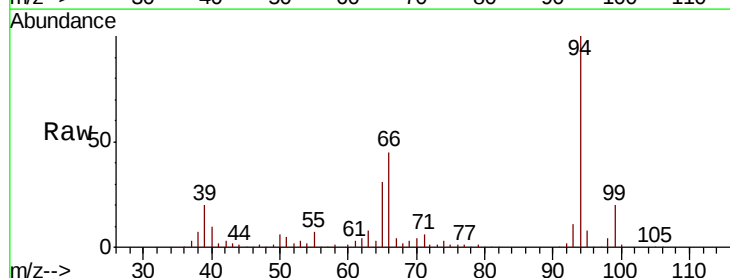
Tgt Ion: 94 Resp: 276824

Ion Ratio Lower Upper

94 100

65 30.9 12.5 52.5

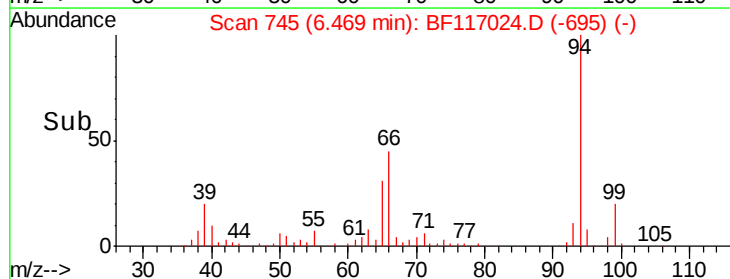
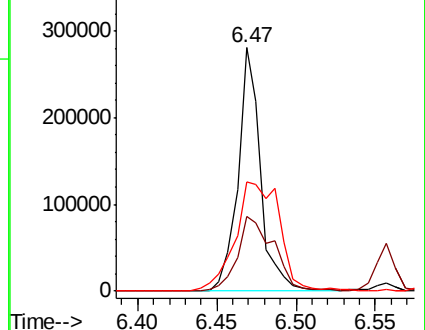
66 45.0 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

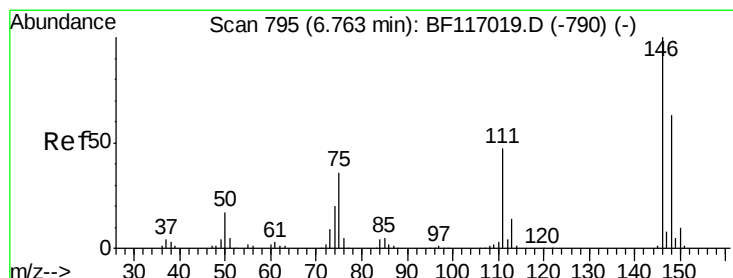
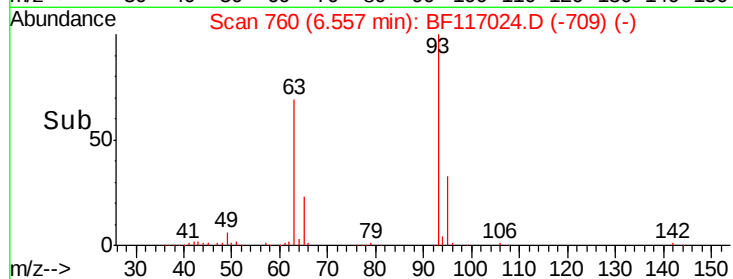
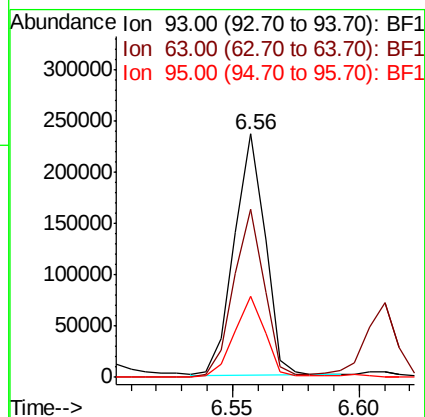
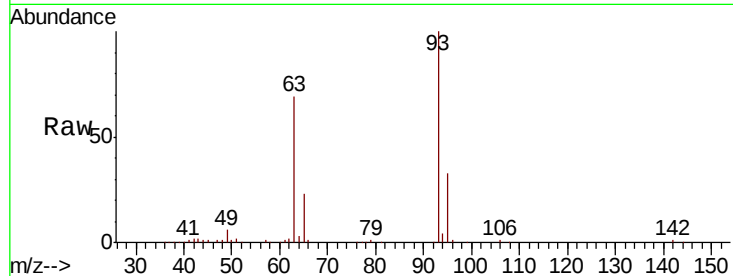




#11
bis(2-Chloroethyl)ether
Concen: 37.447 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

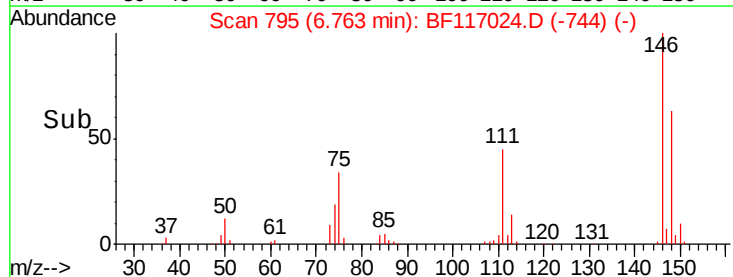
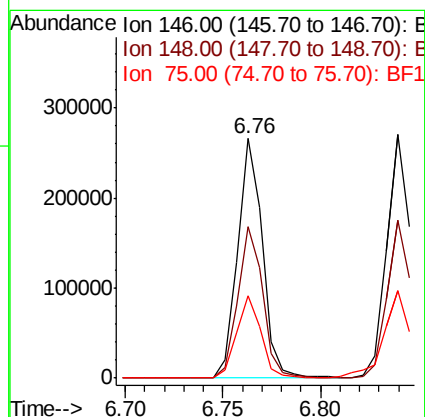
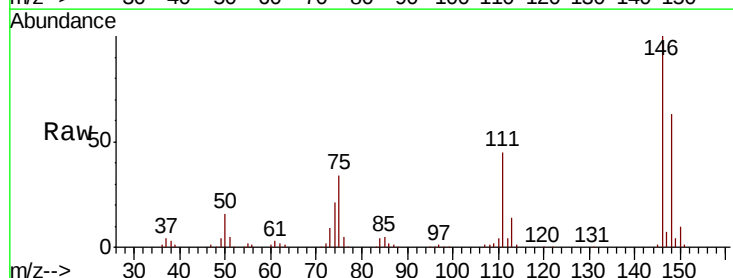
Instrument :
BNA_F
ClientSampleId :
ICVBF091319

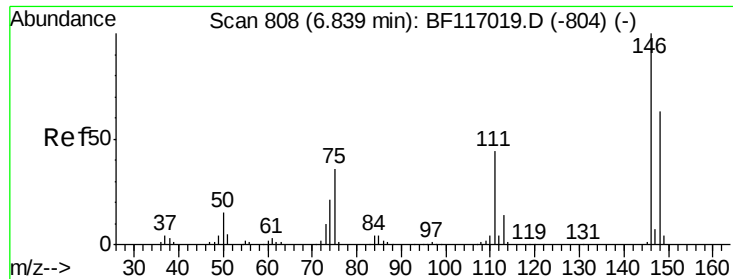
Tot Ion	93	Resp	199204
Ion Ratio	Lower	Upper	
93	100		
63	68.8	49.3	89.3
95	33.0	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 38.144 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion	146	Resp	234581
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.8	76.2
75	34.4	28.7	43.1

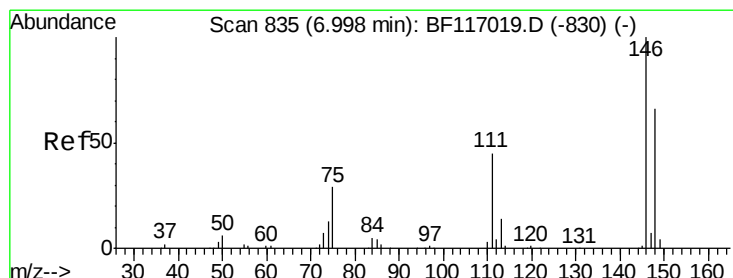
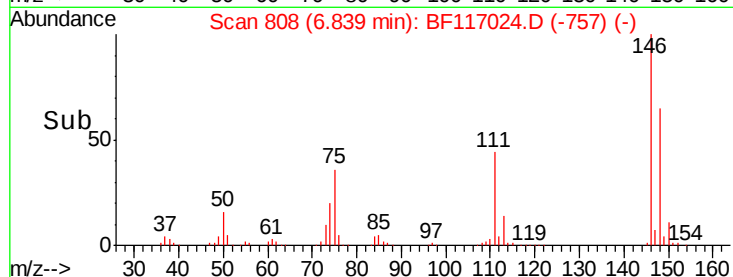
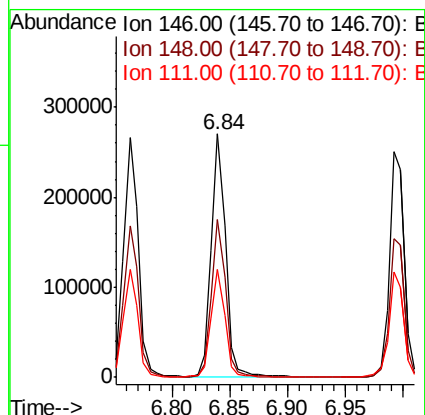
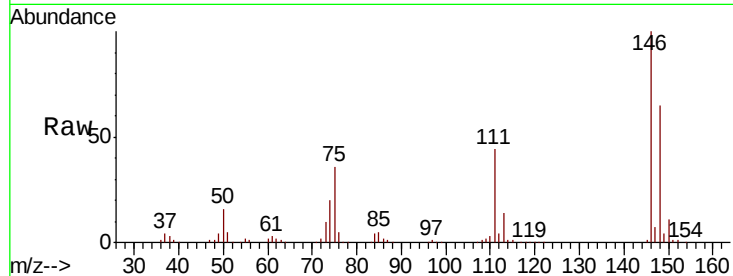




#13
 1,4-Dichlorobenzene
 Concen: 37.745 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

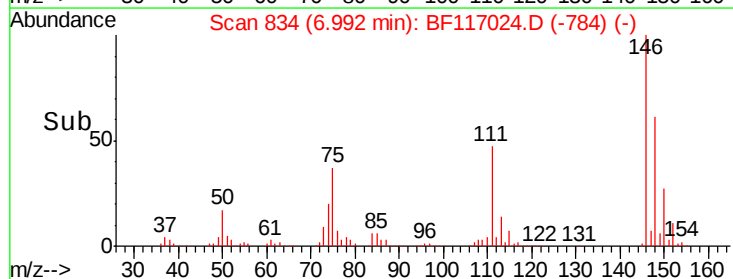
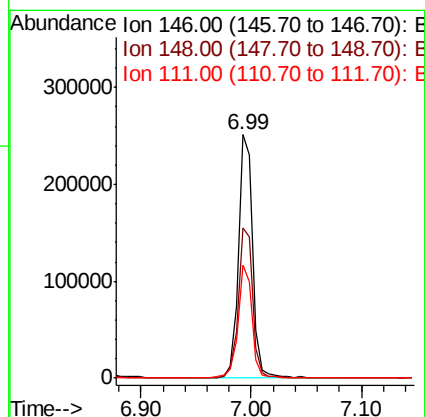
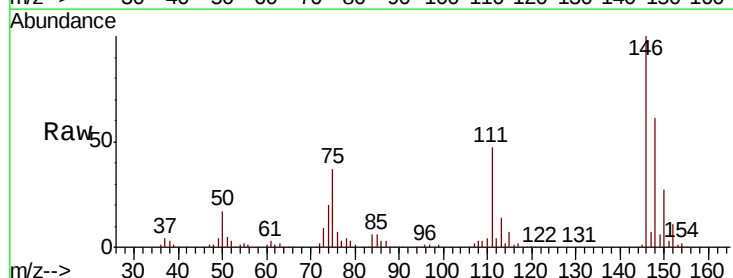
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091319

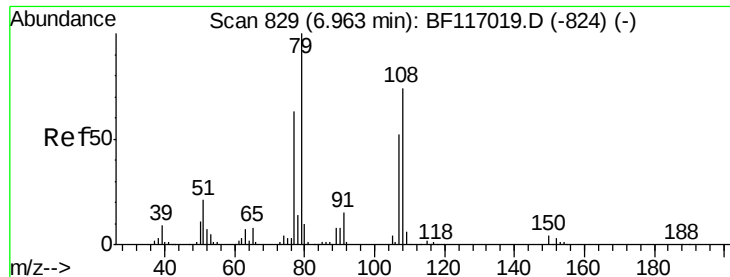
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	76.0
111	44.3	35.0	52.6



#14
 1,2-Dichlorobenzene
 Concen: 38.980 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.6	78.8
111	46.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 38.602 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

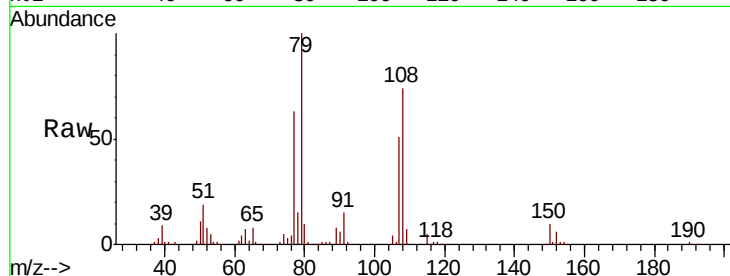
Tot Ion: 79 Resp: 194352

Ion Ratio Lower Upper

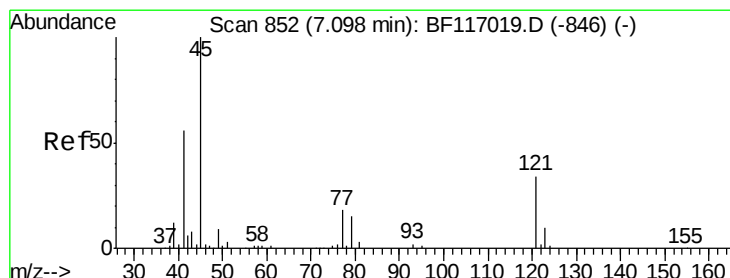
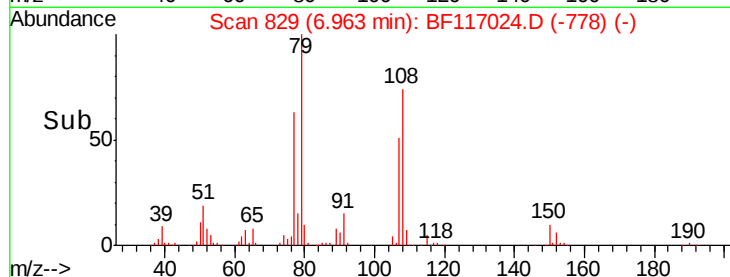
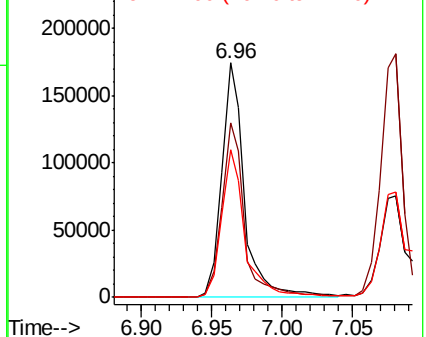
79 100

108 74.4 59.4 89.0

77 63.2 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: 37.997 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

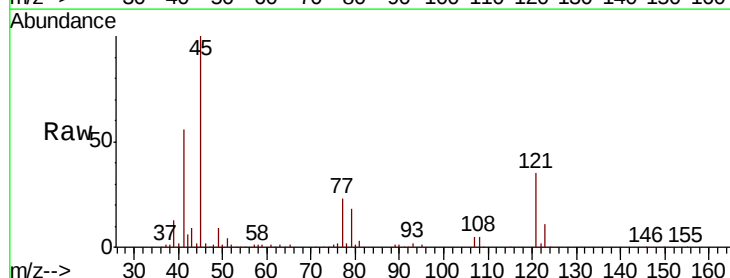
Tgt Ion: 45 Resp: 199699

Ion Ratio Lower Upper

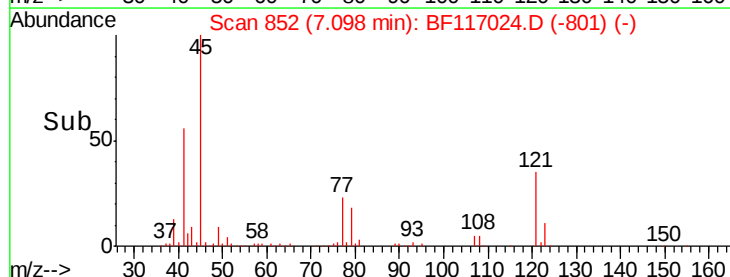
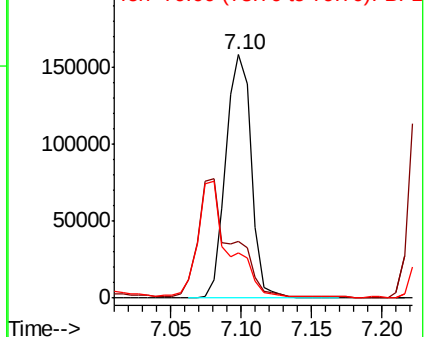
45 100

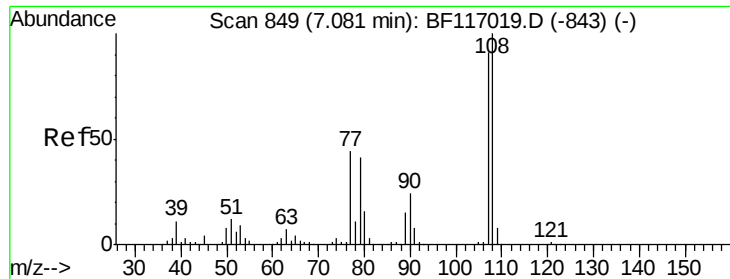
77 23.0 2.7 42.7

79 18.5 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

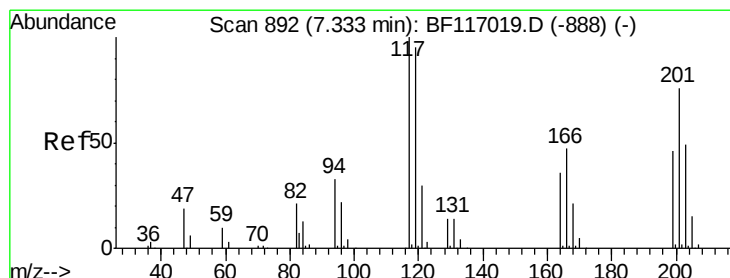
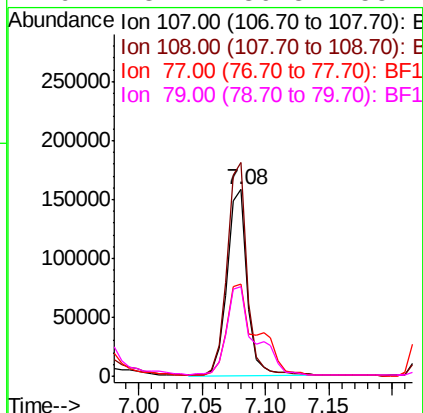
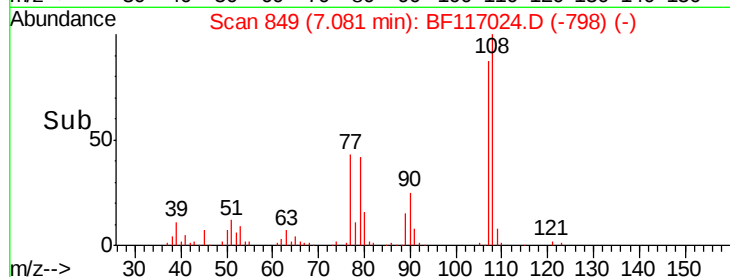
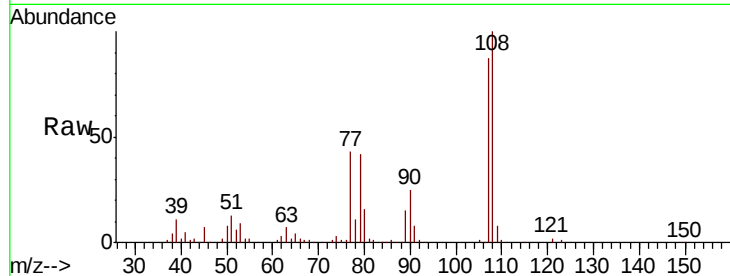




#17
2-Methylphenol
Concen: 37.875 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

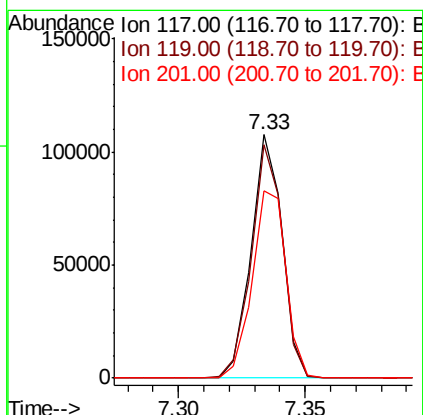
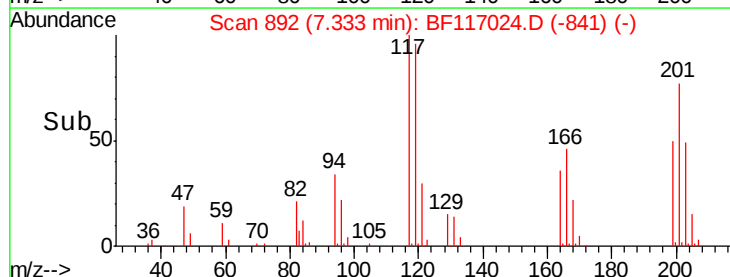
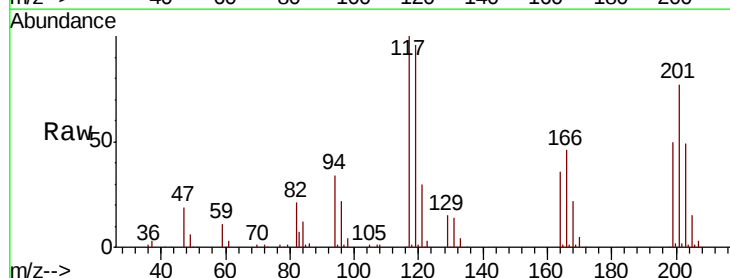
Instrument :
BNA_F
ClientSampleId :
ICVBF091319

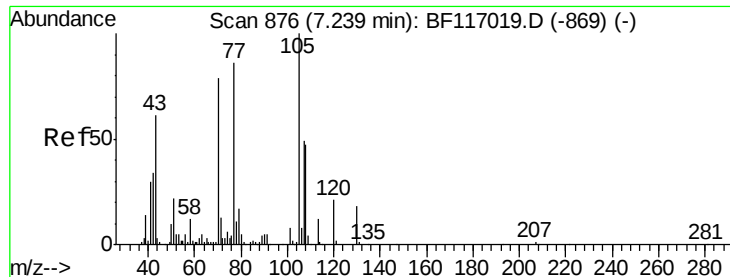
Tot Ion:	107	Resp:	173968
Ion	Ratio	Lower	Upper
107	100		
108	114.7	87.7	131.5
77	49.4	38.6	58.0
79	48.1	36.8	55.2



#18
Hexachloroethane
Concen: 38.138 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:	117	Resp:	92082
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.8
201	77.0	60.9	91.3

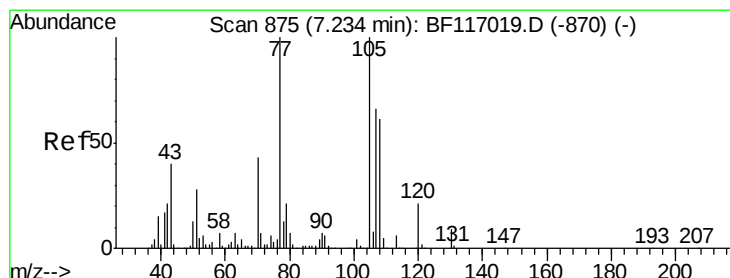
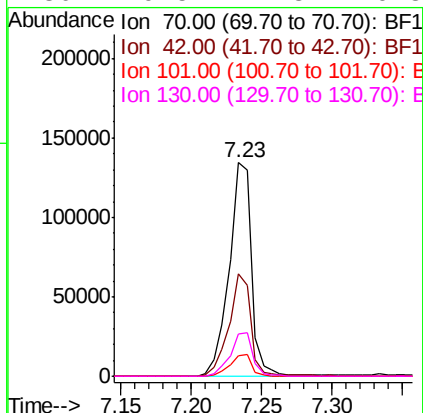
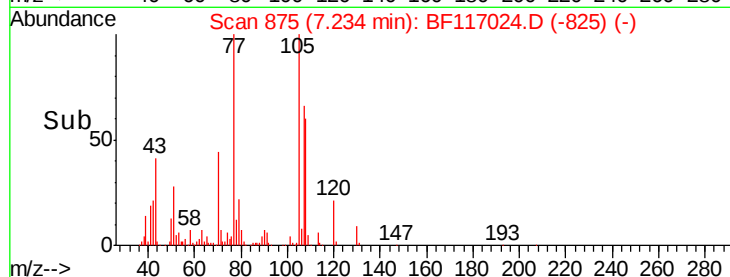
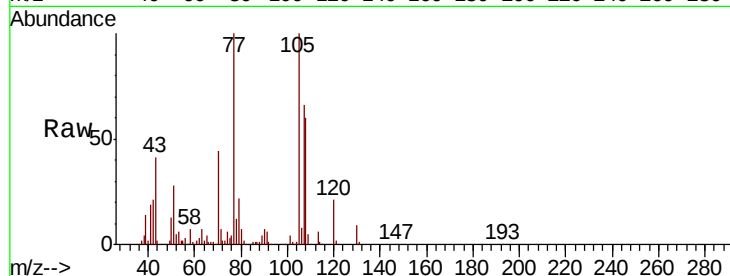




#19
n-Nitroso-di-n-propylamine
Concen: 37.450 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

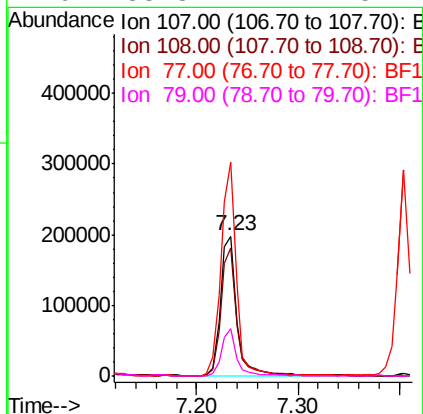
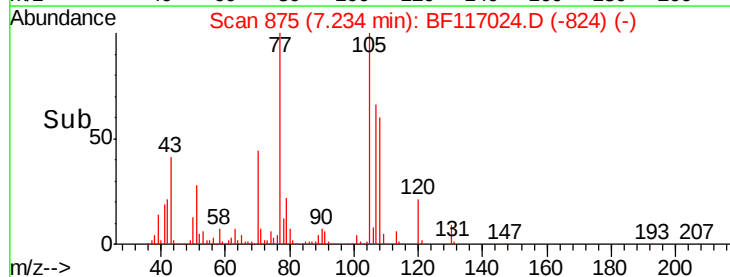
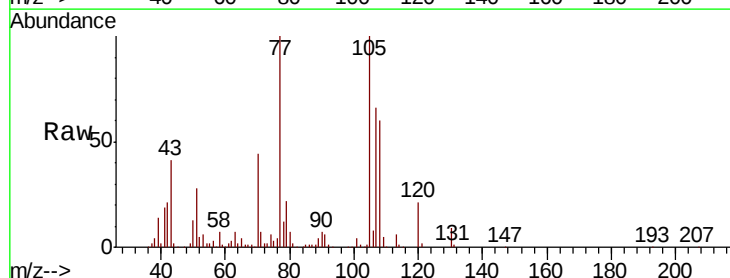
Instrument :
BNA_F
ClientSampleId :
ICVBF091319

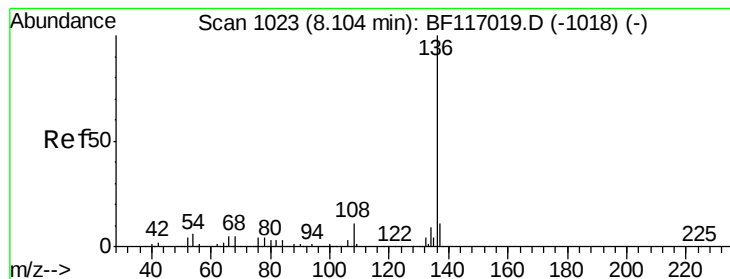
Tot Ion:	70	Resp:	149722
Ion	Ratio	Lower	Upper
70	100		
42	47.8	34.0	51.0
101	9.5	7.8	11.6
130	19.5	17.8	26.8



#20
3+4-Methylphenols
Concen: 38.134 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:	107	Resp:	218178
Ion	Ratio	Lower	Upper
107	100		
108	91.7	72.6	112.6
77	152.4	132.1	172.1
79	33.8	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

Tot Ion:136 Resp: 327426

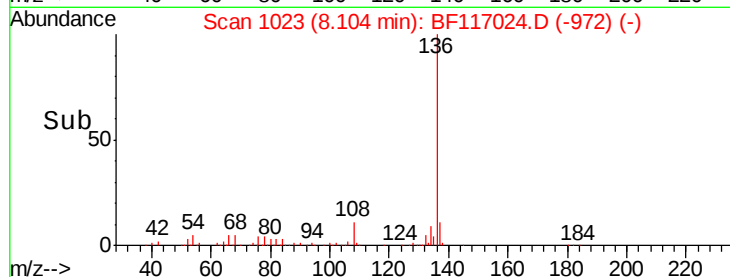
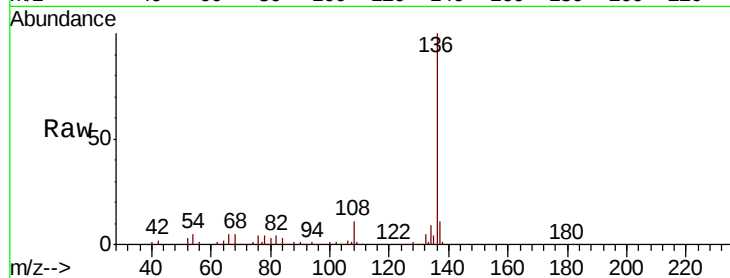
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.5 4.5 6.7

68 5.0 4.0 6.0

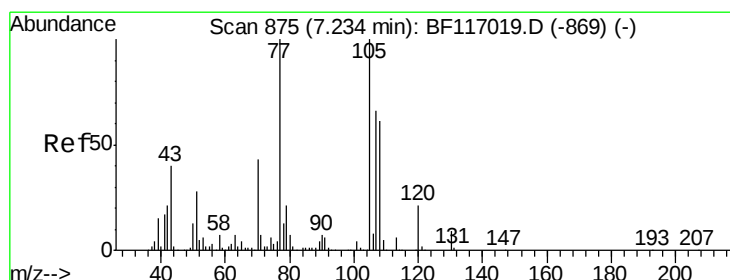
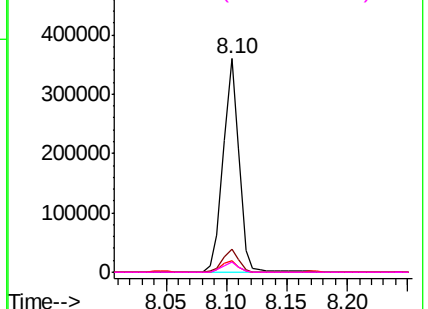


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.892 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Tgt Ion:105 Resp: 315218

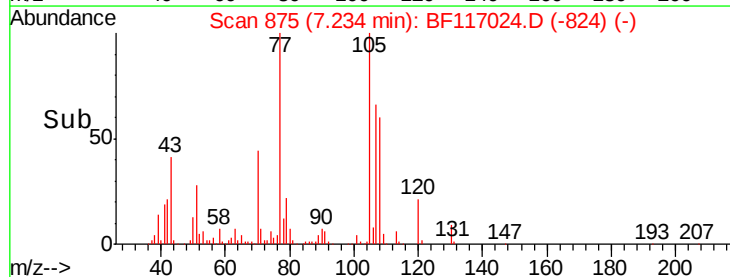
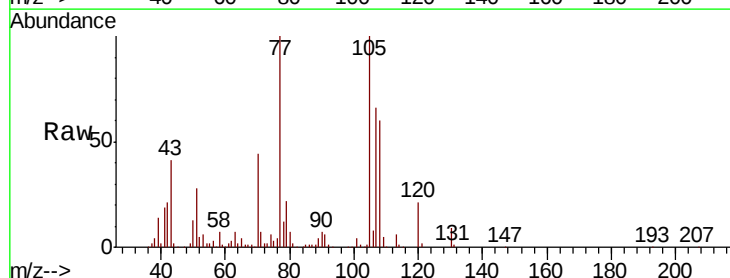
Ion Ratio Lower Upper

105 100

71 7.3 5.7 8.5

51 28.4 22.1 33.1

120 21.3 17.1 25.7

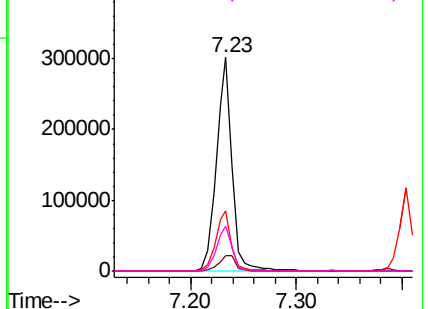


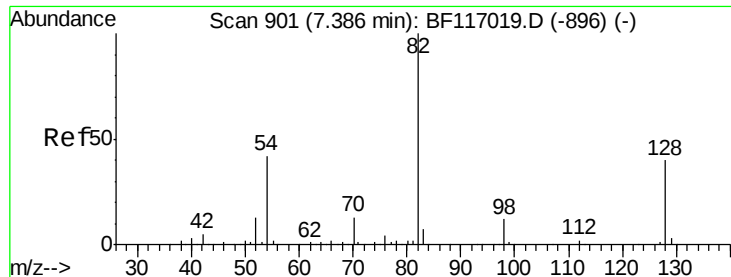
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

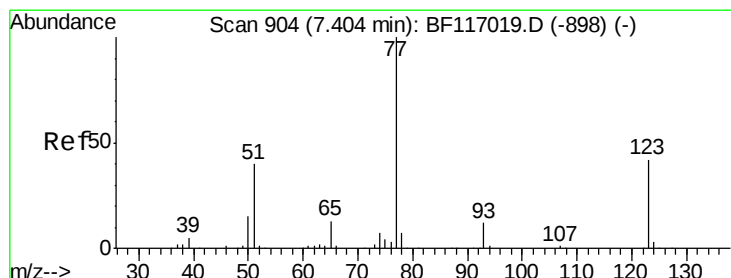
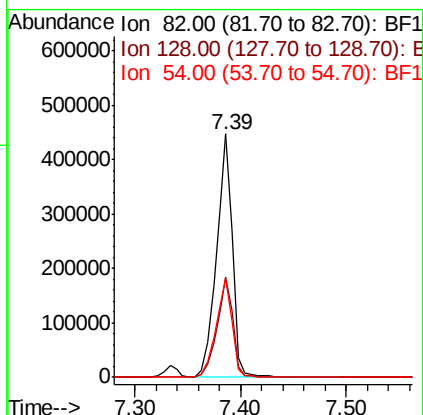
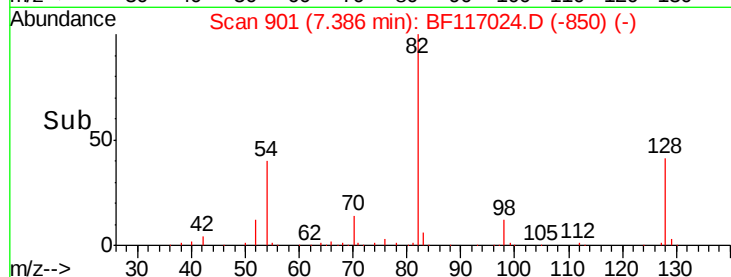
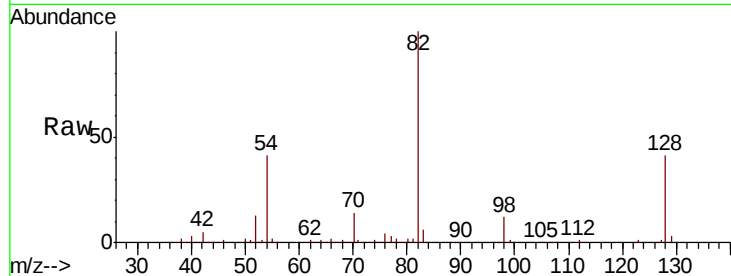




#23
Nitrobenzene-d5
Concen: 76.608 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

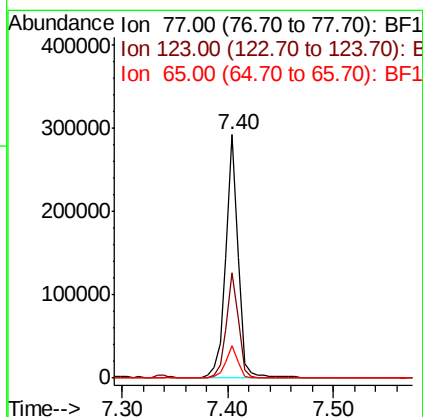
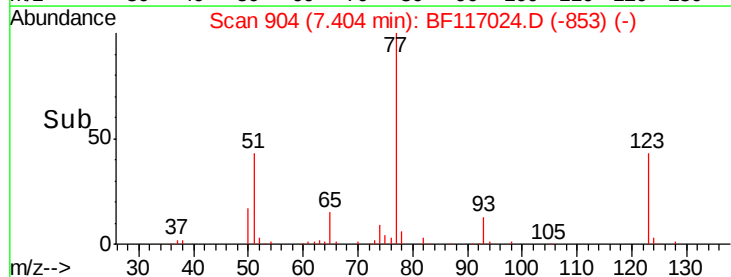
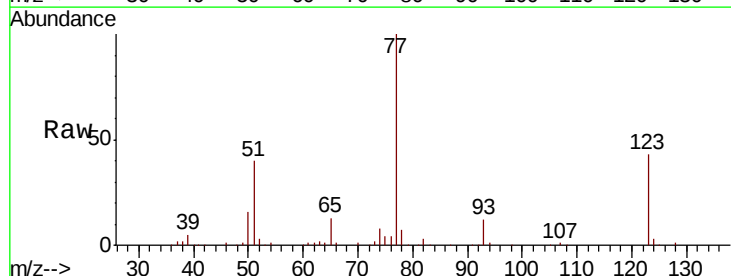
Instrument :
BNA_F
ClientSampleId :
ICVBF091319

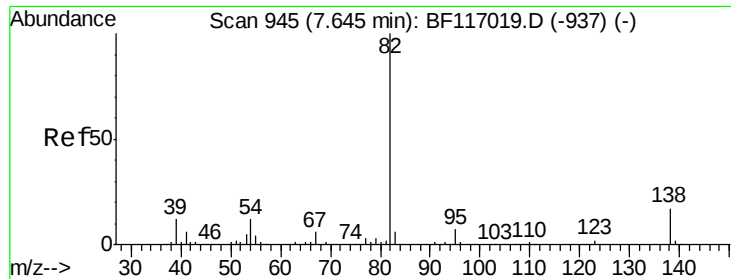
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.3	48.5
54	40.8	33.3	49.9



#24
Nitrobenzene
Concen: 38.736 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

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





#25

Isophorone

Concen: 37.321 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

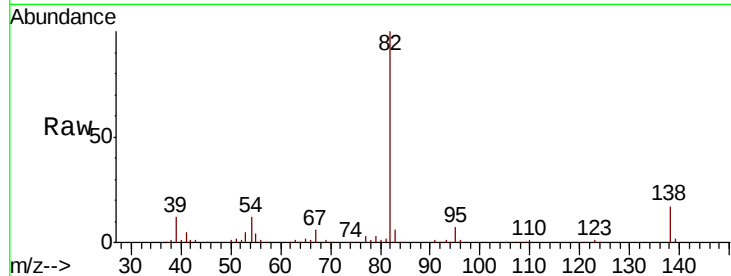
Tot Ion: 82 Resp: 411790

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

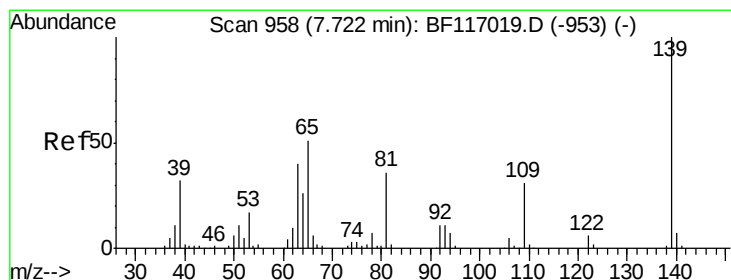
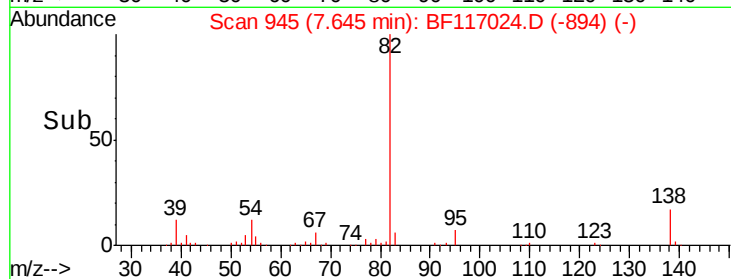
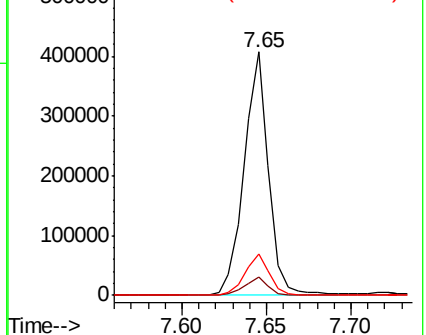
138 17.0 13.5 20.3



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: 39.863 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

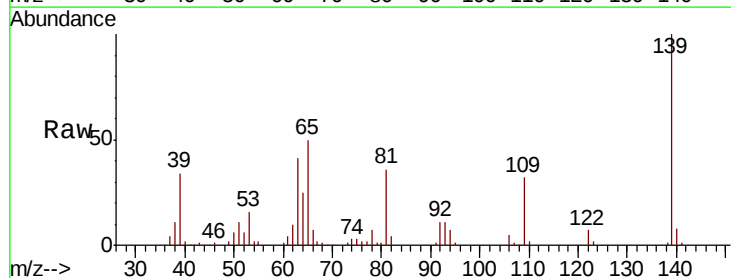
Tgt Ion: 139 Resp: 105372

Ion Ratio Lower Upper

139 100

109 31.9 24.6 36.8

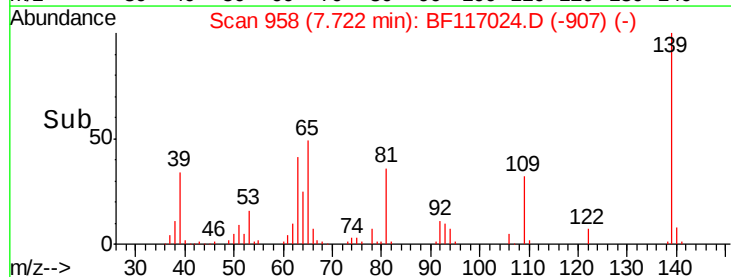
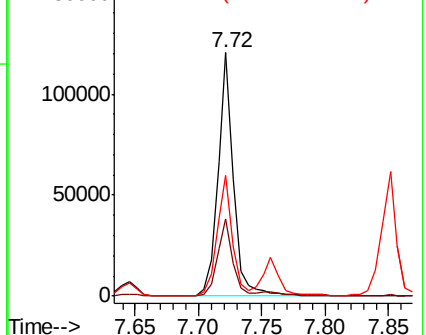
65 49.6 40.9 61.3

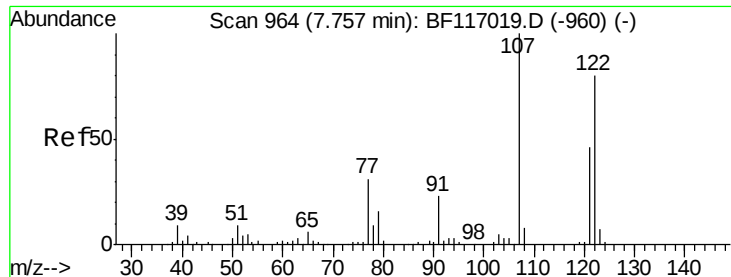


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

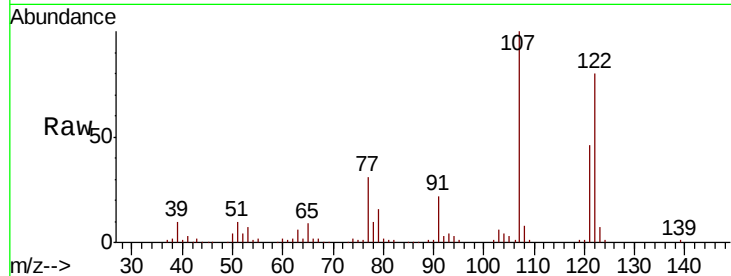




#27
2,4-Dimethylphenol
Concen: 37.607 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.1	98.9	148.3
121	57.3	45.3	67.9

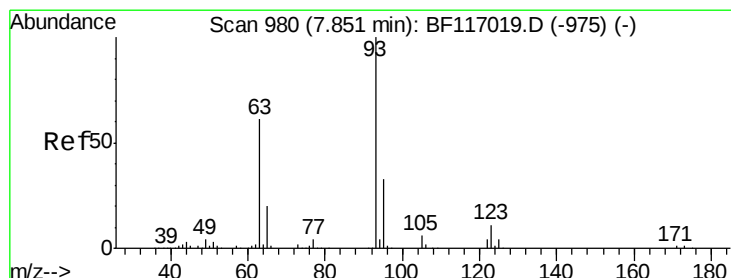
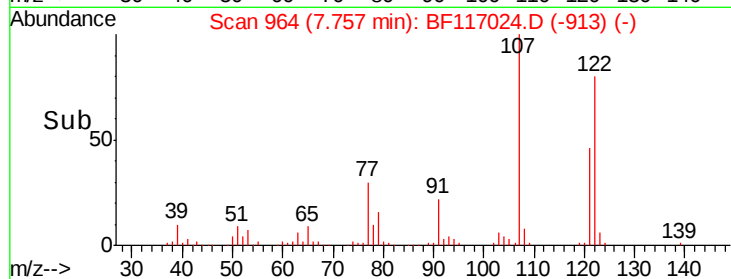
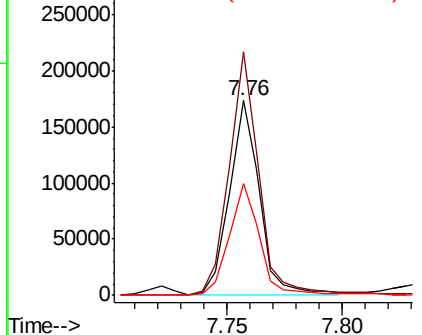


Abundance

Ion 122.00 (121.70 to 122.70): E

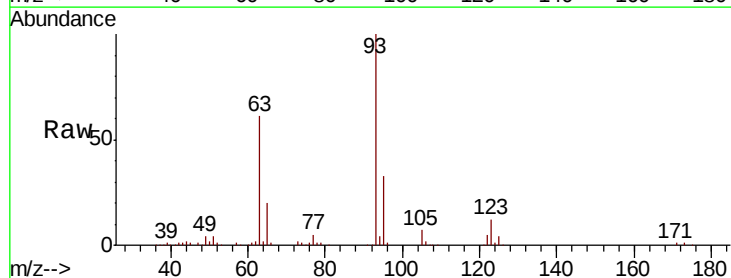
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 37.695 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	11.9	9.0	13.6

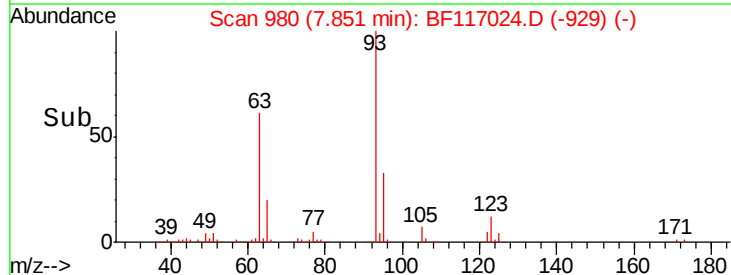
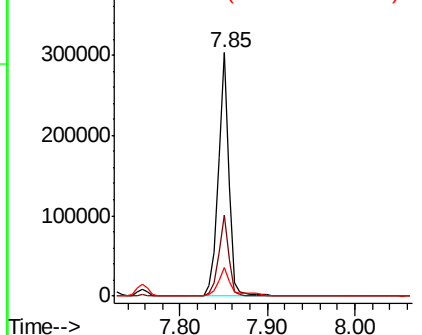


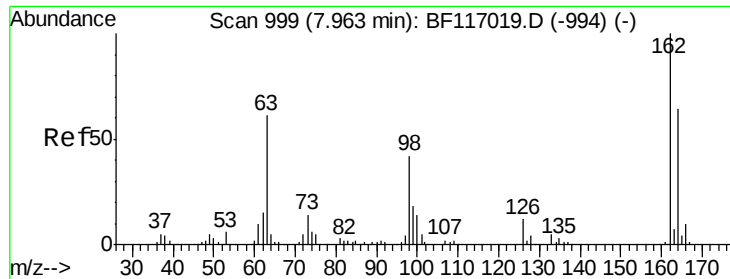
Abundance

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

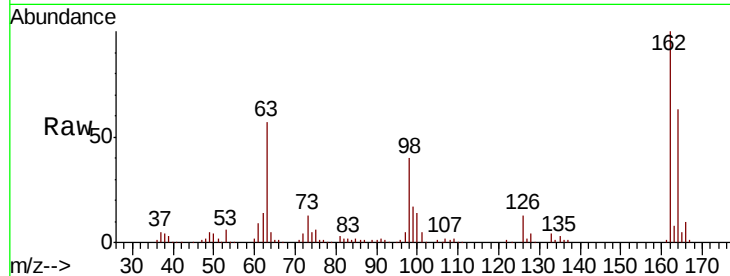




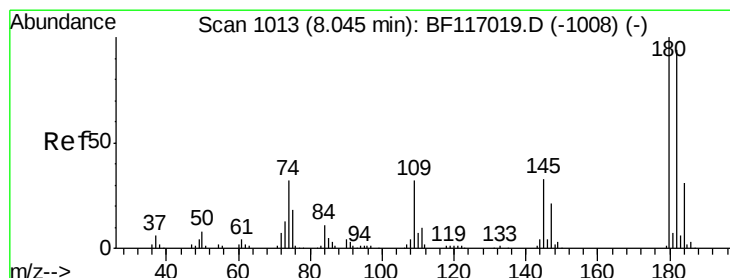
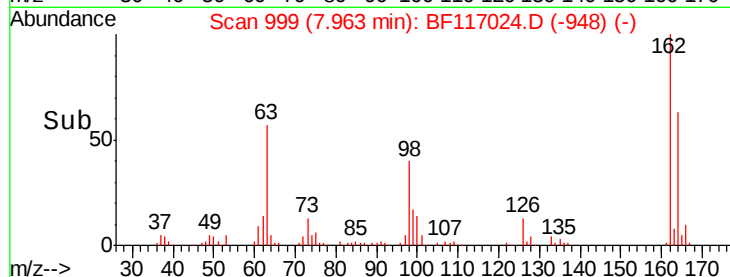
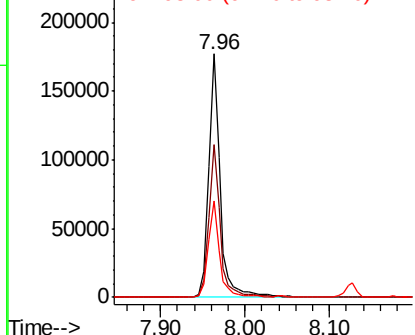
#29
 2,4-Dichlorophenol
 Concen: 38.674 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091319

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.8	83.8
98	39.6	22.1	62.1

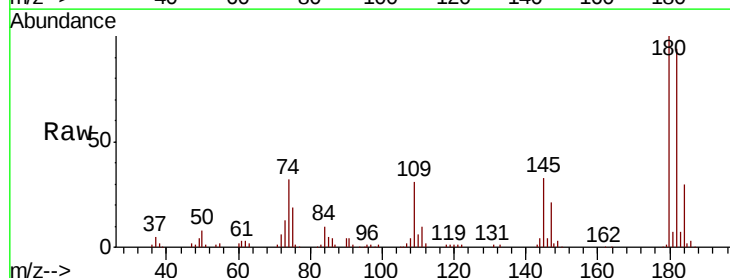


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

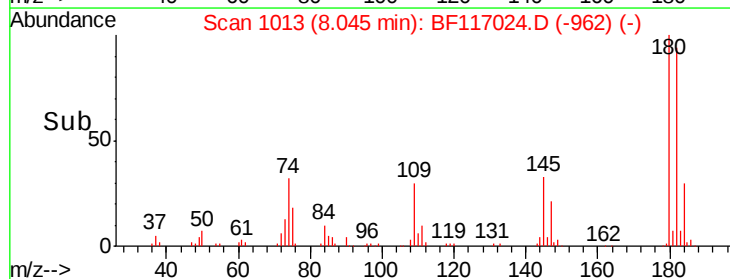
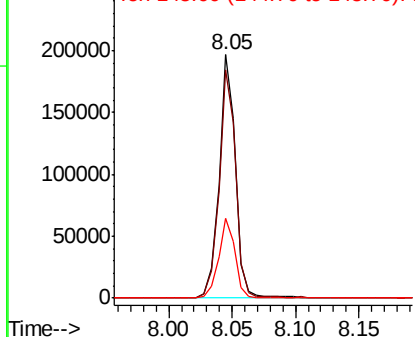


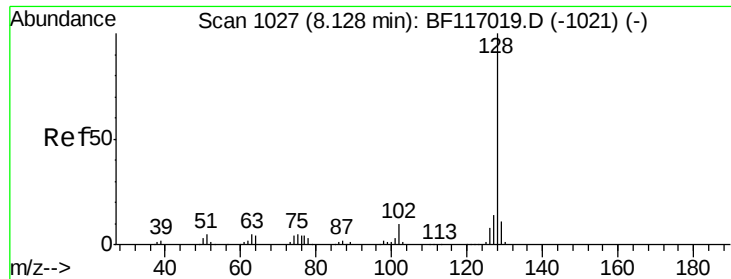
#30
 1,2,4-Trichlorobenzene
 Concen: 37.540 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.4	113.0
145	33.0	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

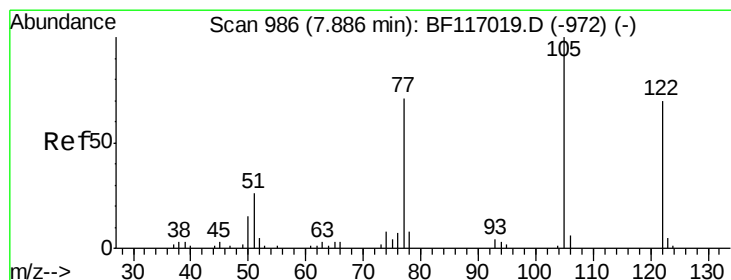
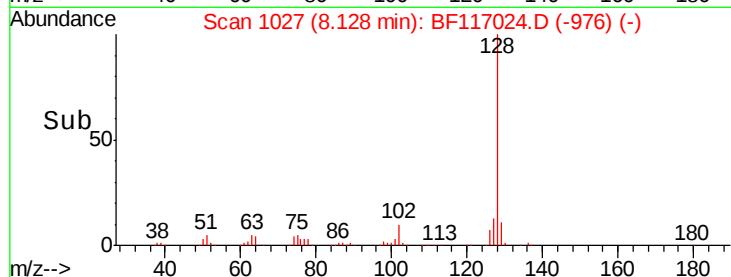
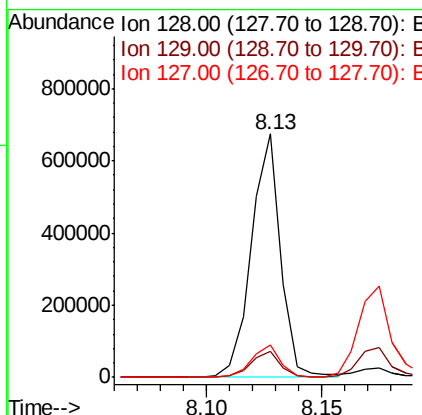
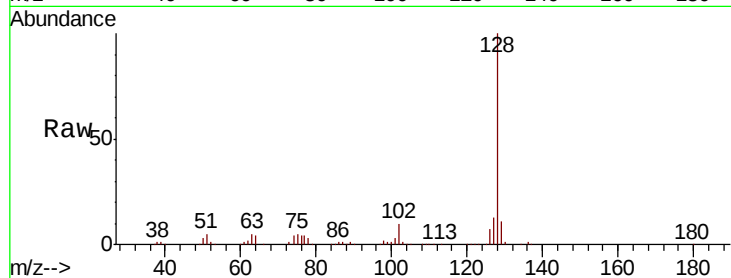




#31
Naphthalene
Concen: 37.978 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

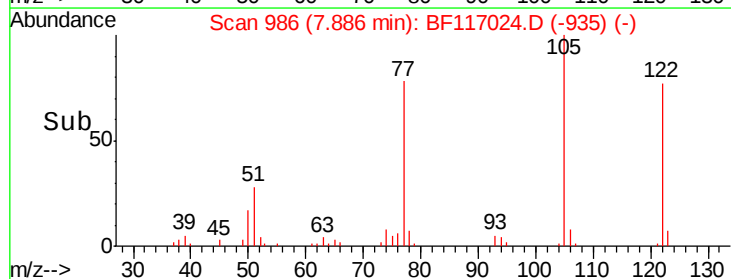
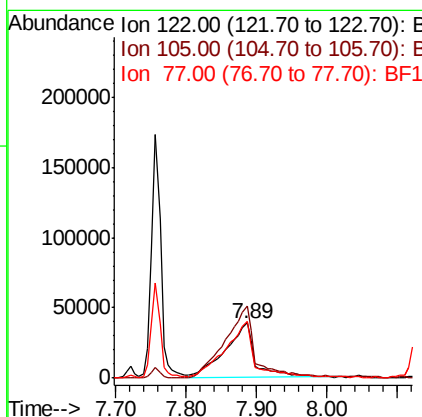
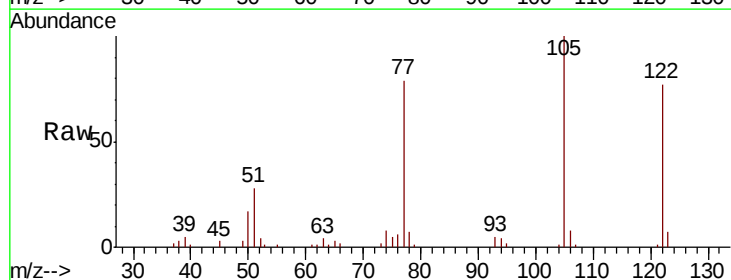
Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion:128 Resp: 598042
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 37.669 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:122 Resp: 114023
Ion Ratio Lower Upper
122 100
105 129.6 114.8 154.8
77 102.5 78.7 118.7

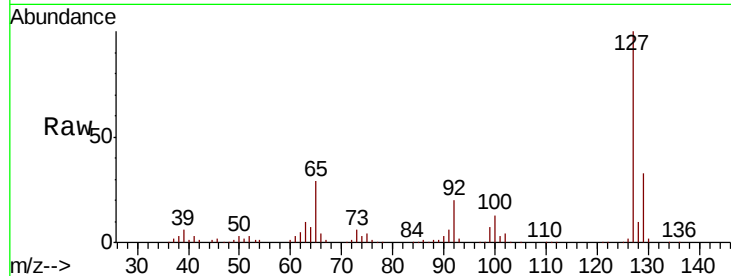




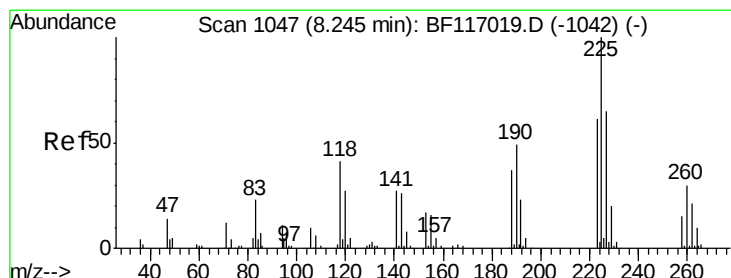
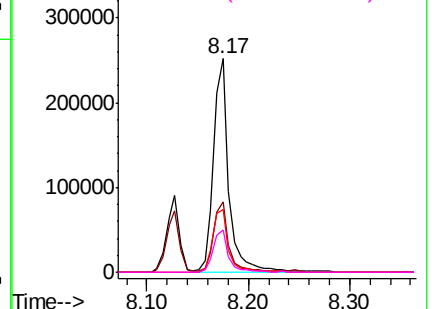
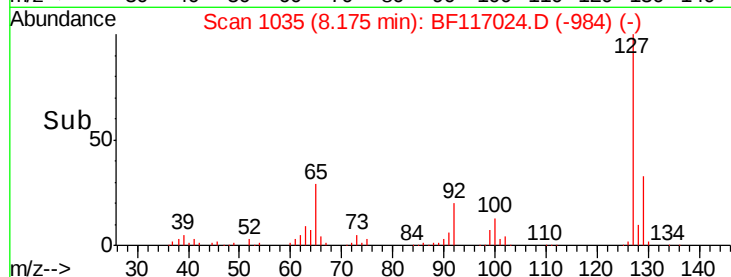
#33
4-Chloroaniline
Concen: 37.935 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion:	127	Resp:	264949
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.2
65	29.4	23.5	35.3
92	19.7	15.9	23.9

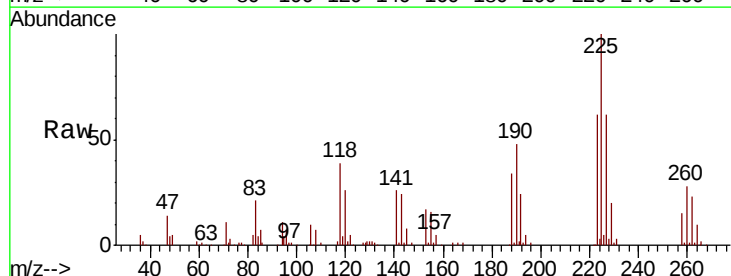


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

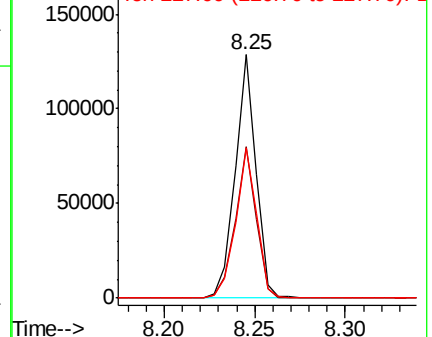
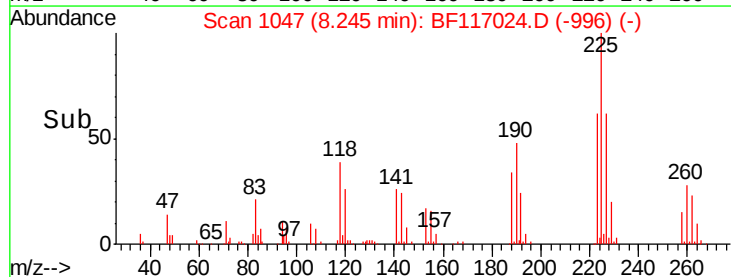


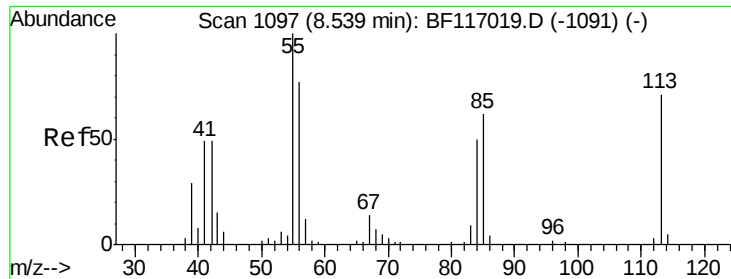
#34
Hexachlorobutadiene
Concen: 38.307 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:	225	Resp:	103132
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.1	73.7
227	61.6	52.2	78.2



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

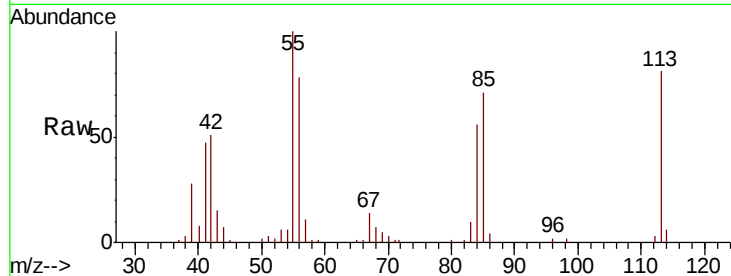




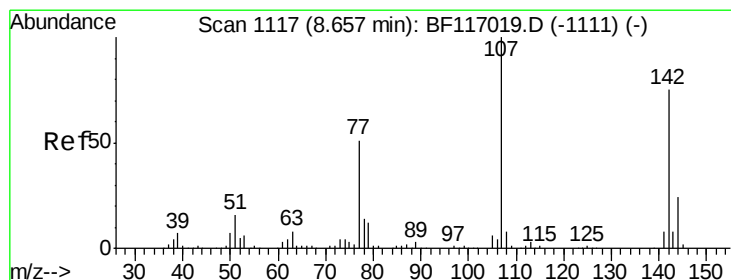
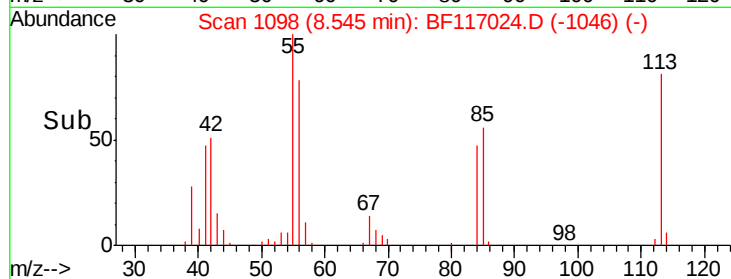
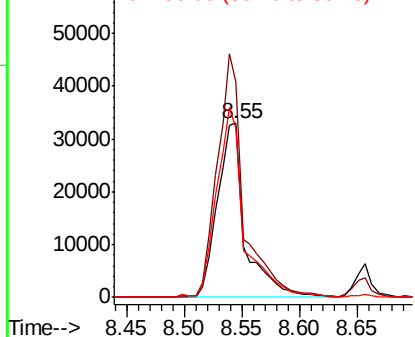
#35
Caprolactam
Concen: 36.995 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion:113 Resp: 54999
Ion Ratio Lower Upper
113 100
55 123.9 120.6 160.6
56 97.1 88.8 128.8

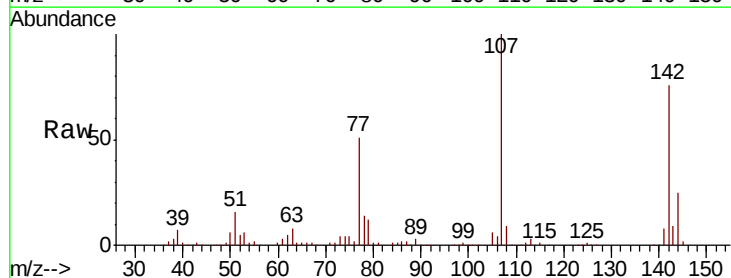


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

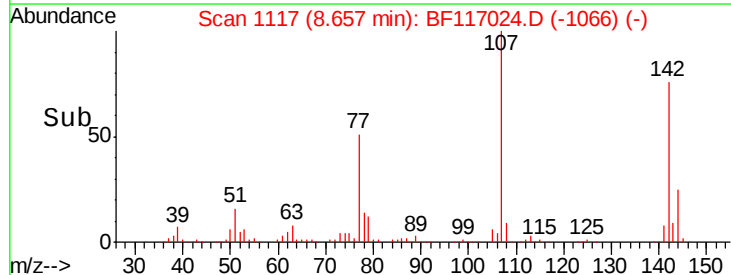
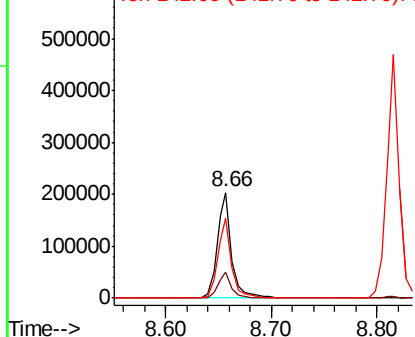


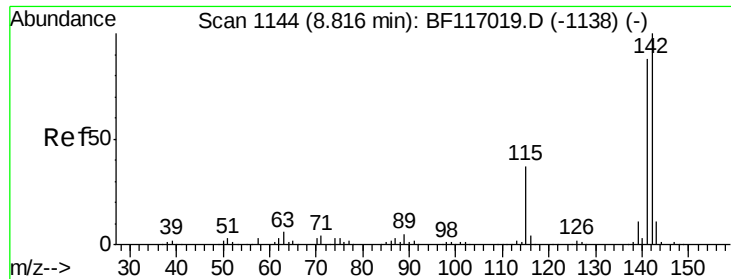
#36
4-Chloro-3-methylphenol
Concen: 38.080 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:107 Resp: 195027
Ion Ratio Lower Upper
107 100
144 24.5 19.2 28.8
142 75.8 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

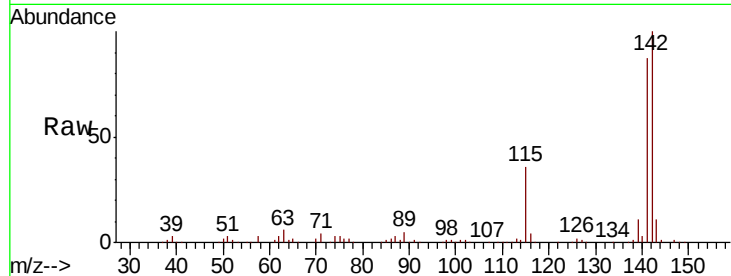




#37
2-Methylnaphthalene
Concen: 37.827 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.7	106.1
115	36.2	29.4	44.0

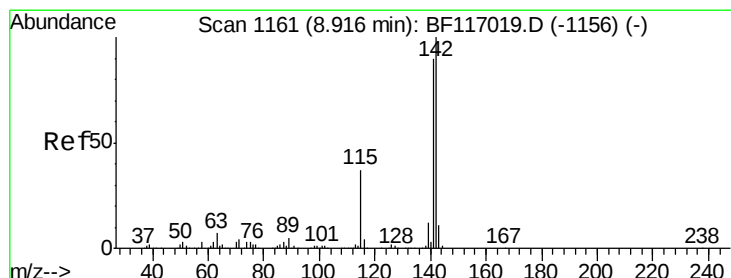
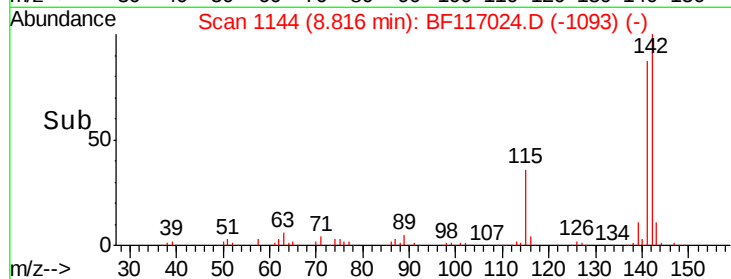
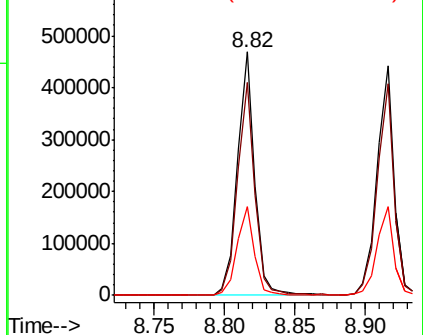


Abundance

Ion 142.00 (141.70 to 142.70): E

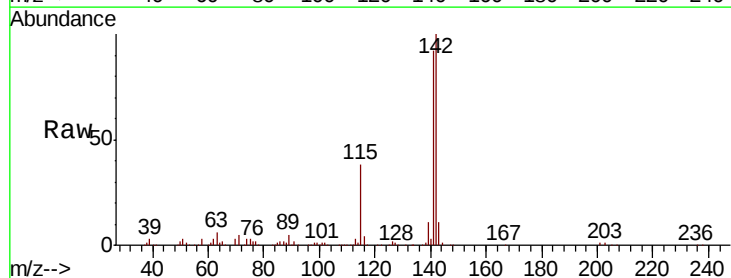
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.588 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9
116	3.8	3.2	4.8

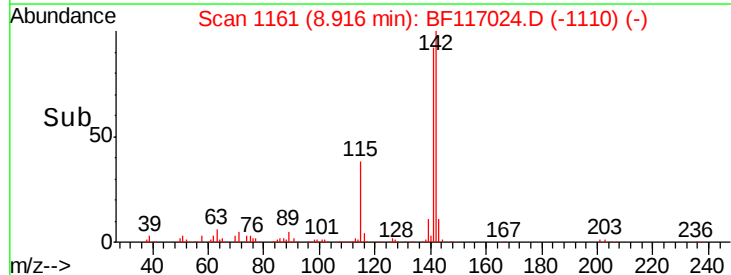
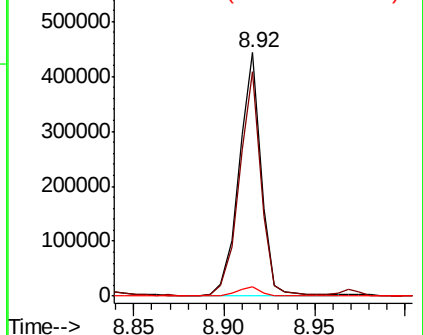


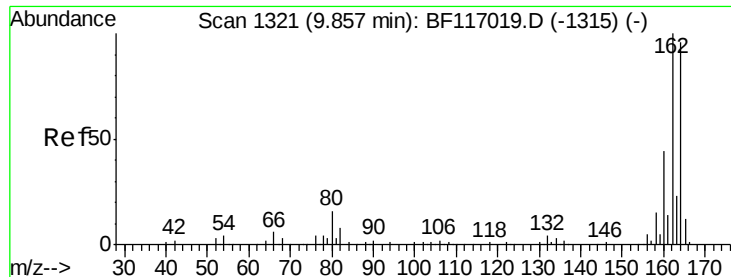
Abundance

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

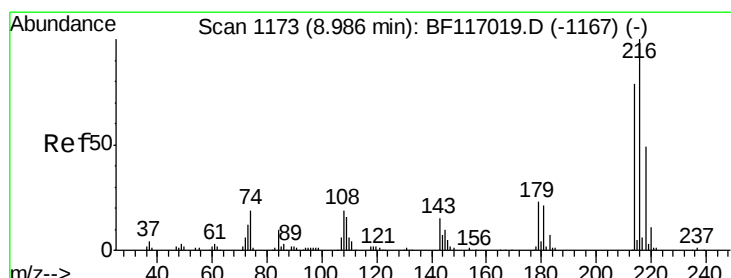
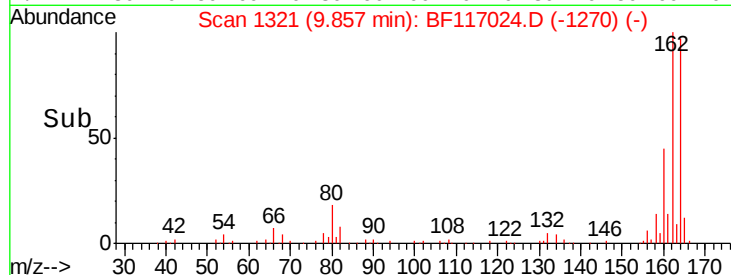
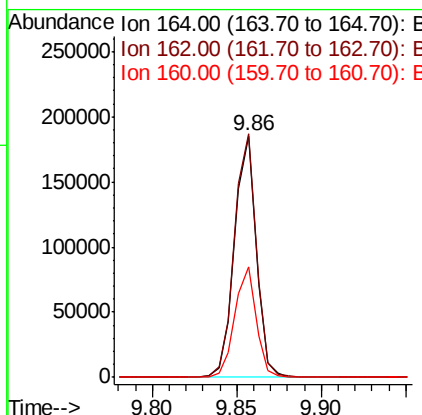
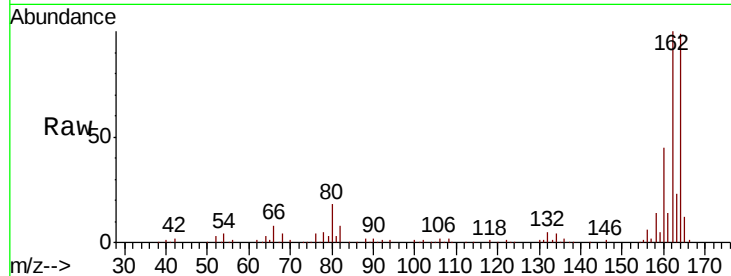




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

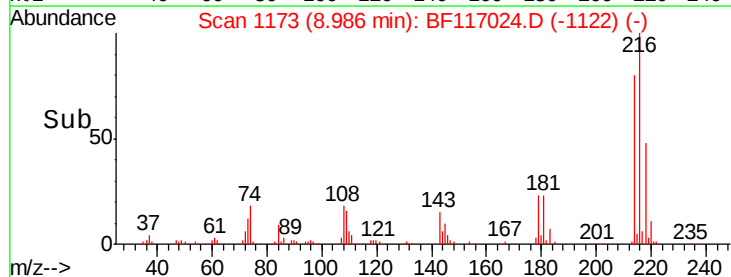
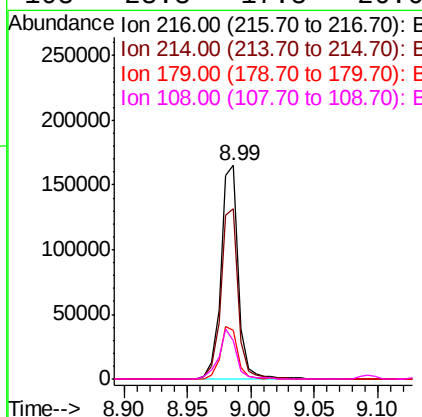
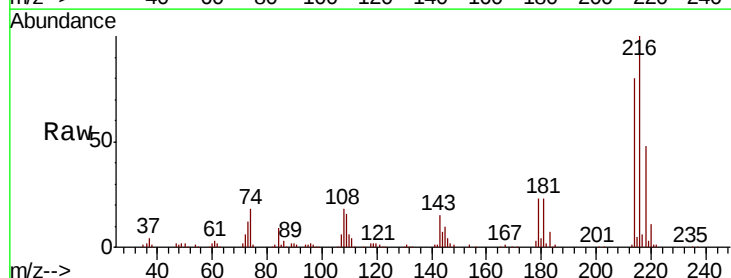
Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion:164 Resp: 165290
Ion Ratio Lower Upper
164 100
162 100.9 83.4 125.2
160 45.7 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.368 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:216 Resp: 159495
Ion Ratio Lower Upper
216 100
214 79.3 63.6 95.4
179 24.3 18.3 27.5
108 23.3 17.8 26.6

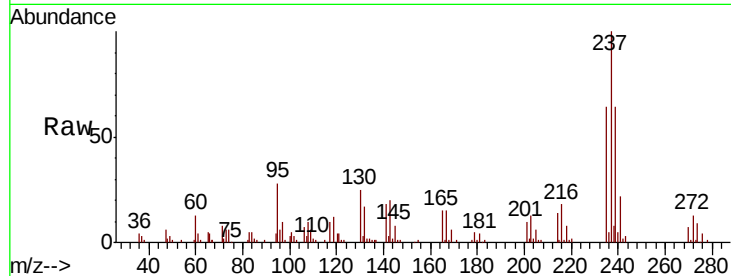




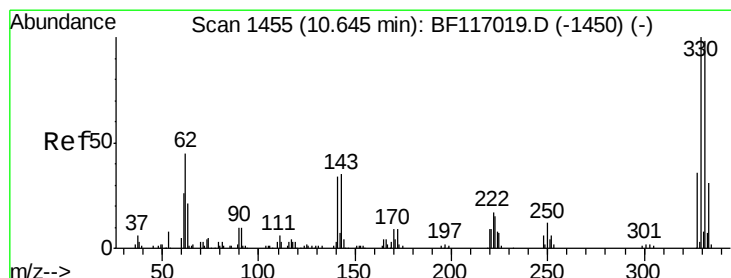
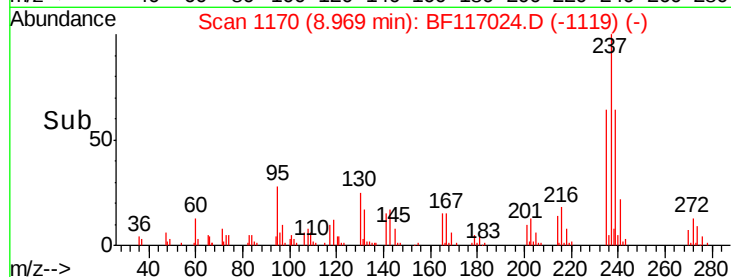
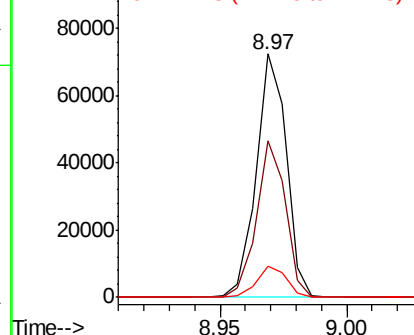
#41
Hexachlorocyclopentadiene
Concen: 36.520 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion:237 Resp: 59979
Ion Ratio Lower Upper
237 100
235 64.4 43.2 83.2
272 12.8 0.0 31.9

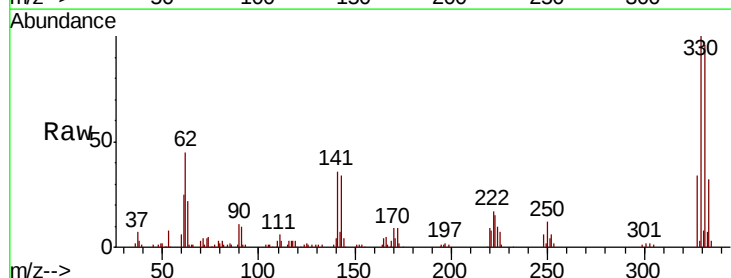


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

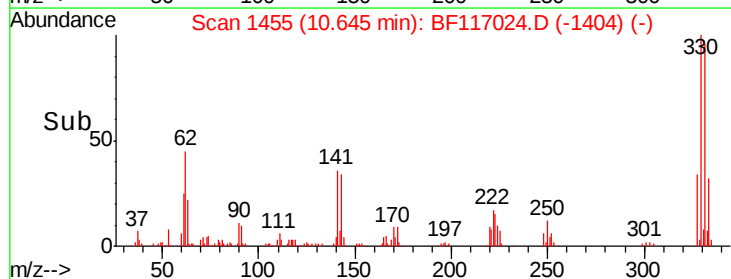
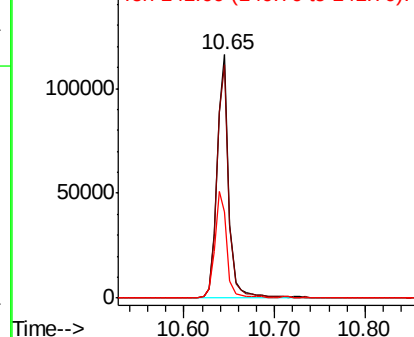


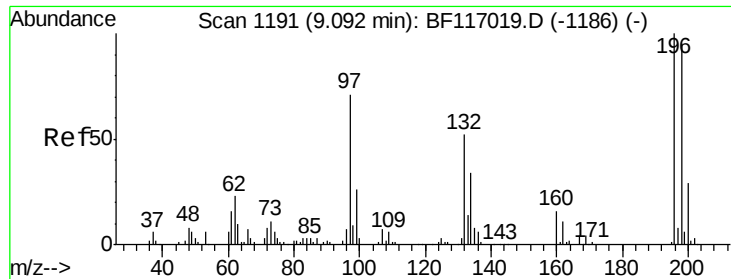
#42
2,4,6-Tribromophenol
Concen: 76.906 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:330 Resp: 106242
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 44.7 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

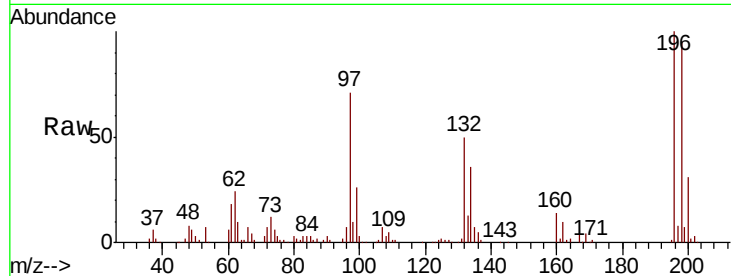




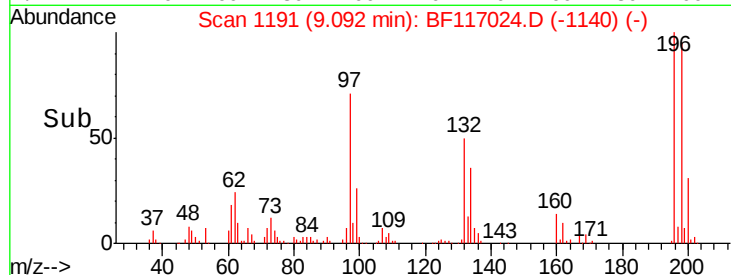
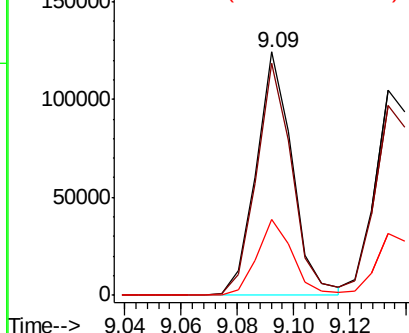
#43
 2,4,6-Trichlorophenol
 Concen: 38.018 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091319

Tot Ion:196 Resp: 110120
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.7 113.5
 200 31.0 23.3 34.9

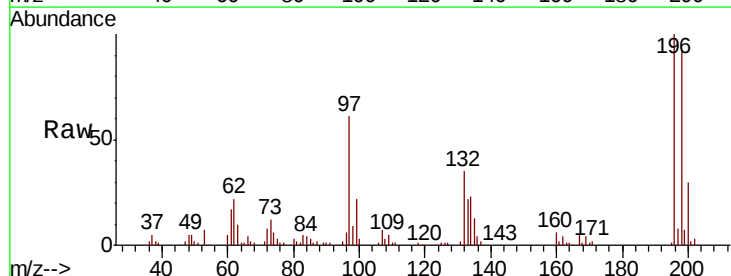


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

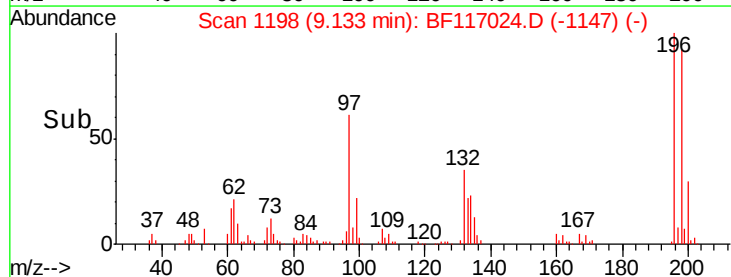
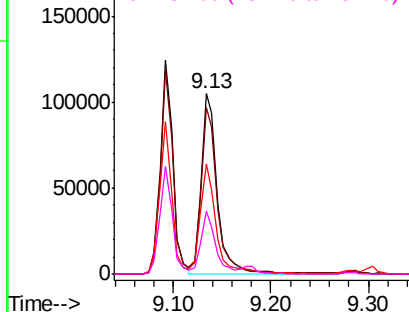


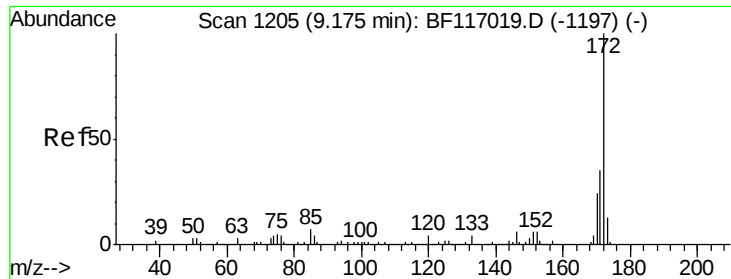
#44
 2,4,5-Trichlorophenol
 Concen: 38.300 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Tgt Ion:196 Resp: 118527
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.6 112.0
 97 61.1 49.5 74.3
 132 34.7 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

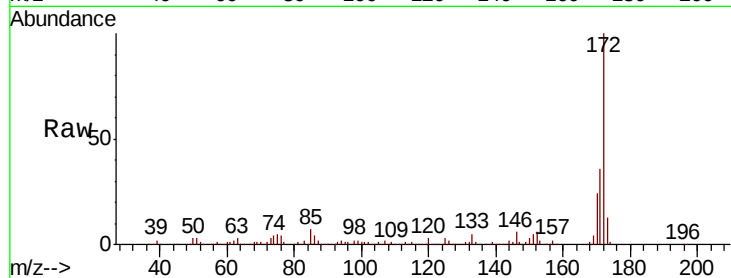




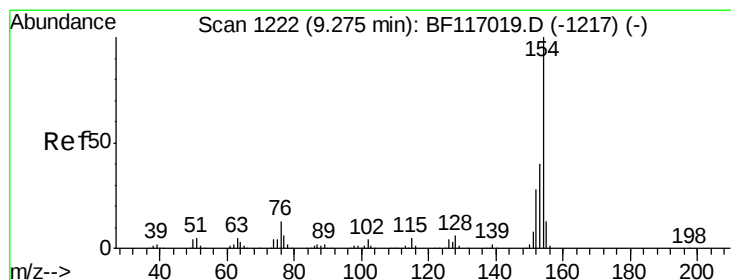
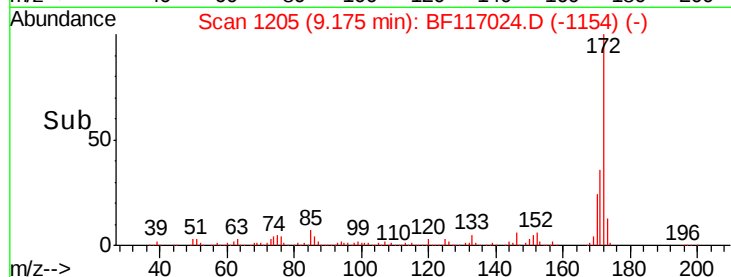
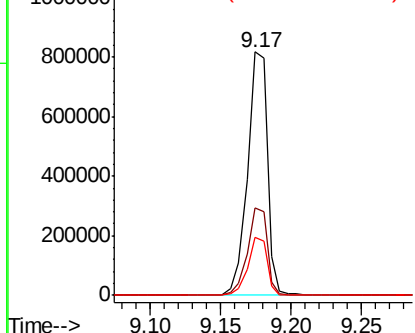
#45
2-Fluorobiphenyl
Concen: 76.881 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion:172 Resp: 812731
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.7 18.9 28.3

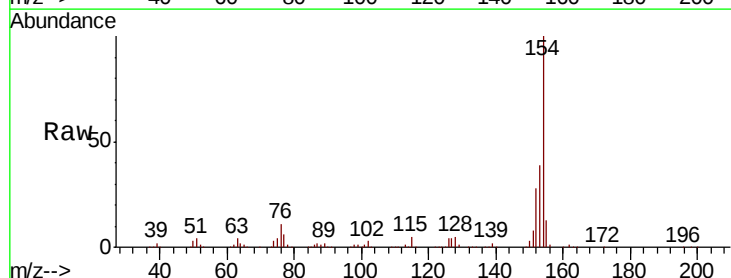


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

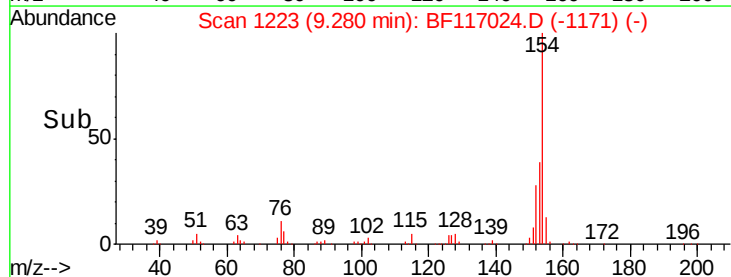
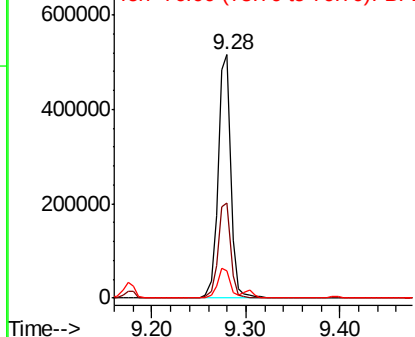


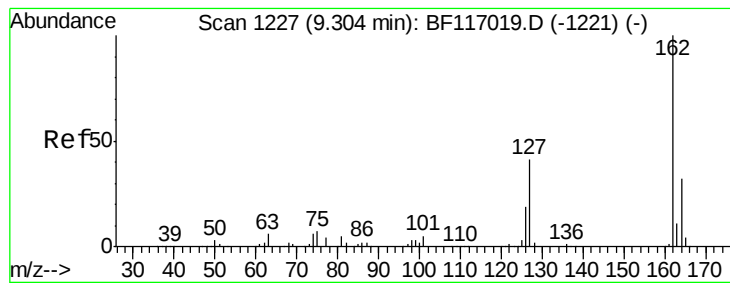
#46
1,1'-Biphenyl
Concen: 37.672 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:154 Resp: 488426
Ion Ratio Lower Upper
154 100
153 39.3 20.0 60.0
76 11.1 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: 38.187 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

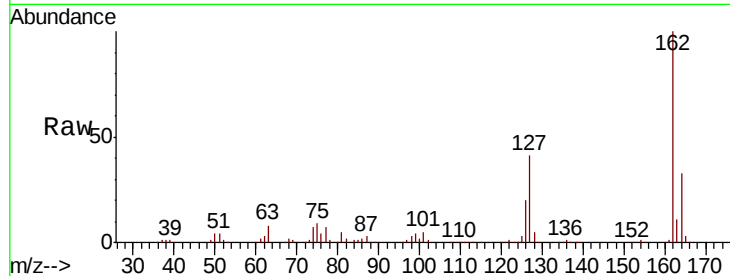
Tot Ion:162 Resp: 390743

Ion Ratio Lower Upper

162 100

127 41.4 34.1 51.1

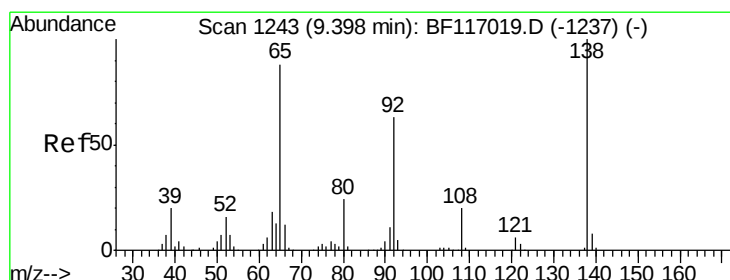
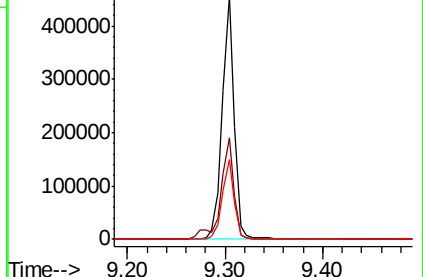
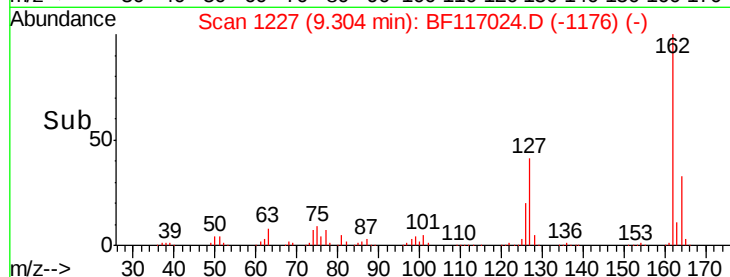
164 32.7 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.558 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

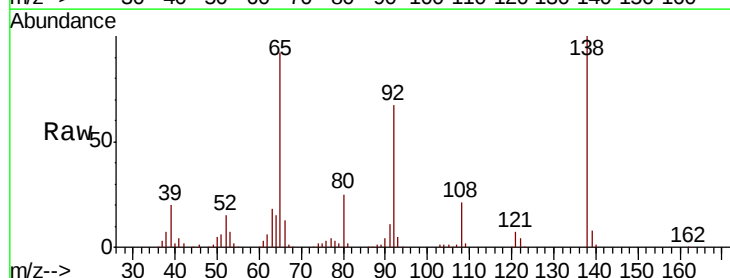
Tgt Ion: 65 Resp: 126550

Ion Ratio Lower Upper

65 100

92 72.9 57.5 86.3

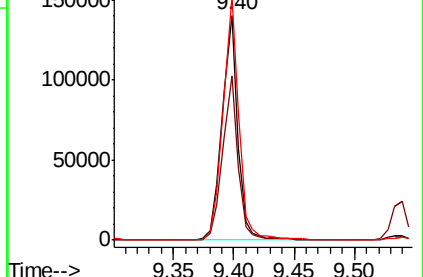
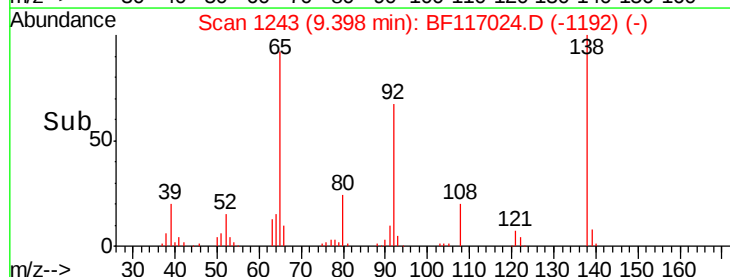
138 108.3 90.6 136.0



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.159 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

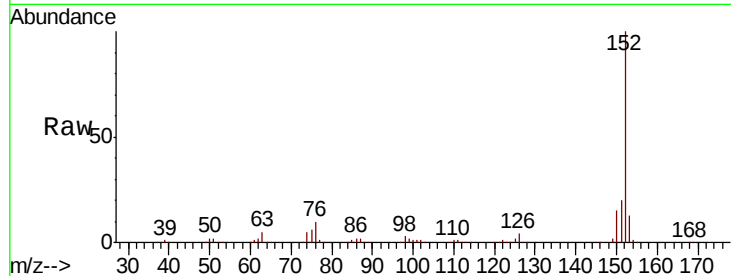
Tot Ion:152 Resp: 584928

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

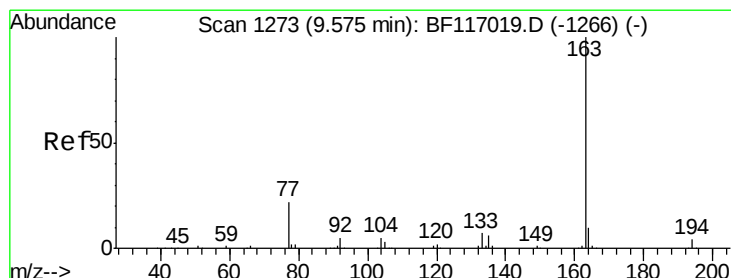
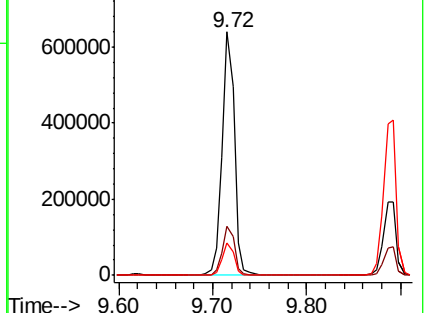
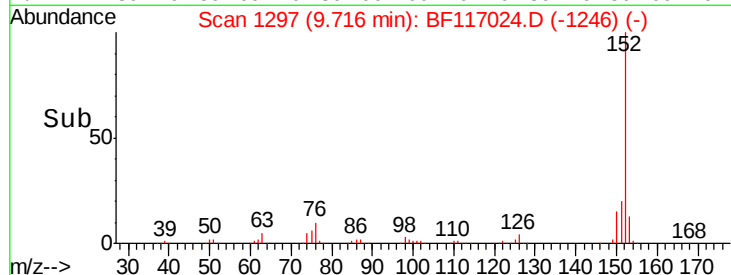
153 13.4 10.2 15.4



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: 37.652 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

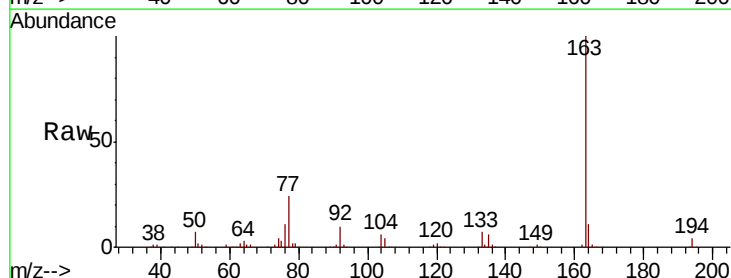
Tgt Ion:163 Resp: 440654

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

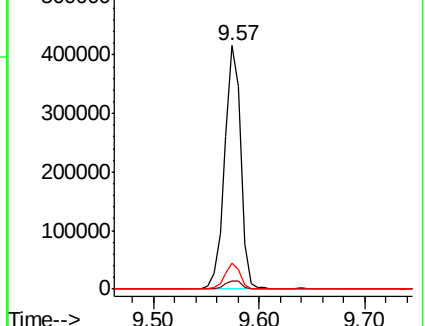
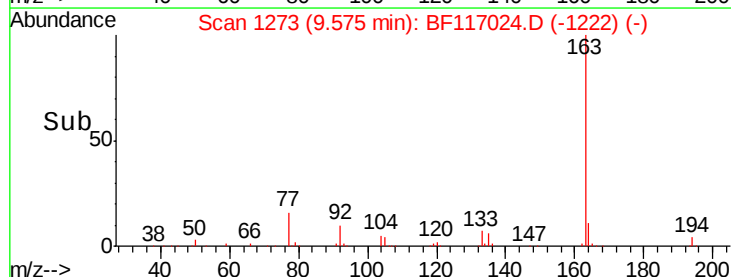
164 10.6 8.2 12.4

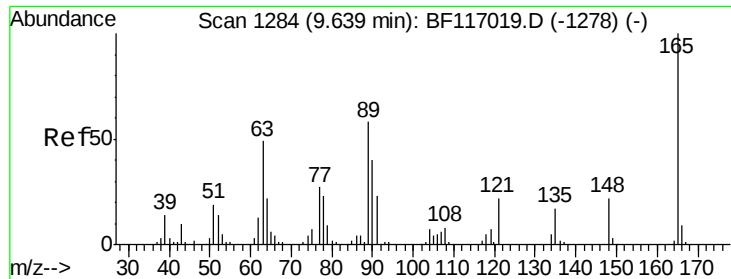


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

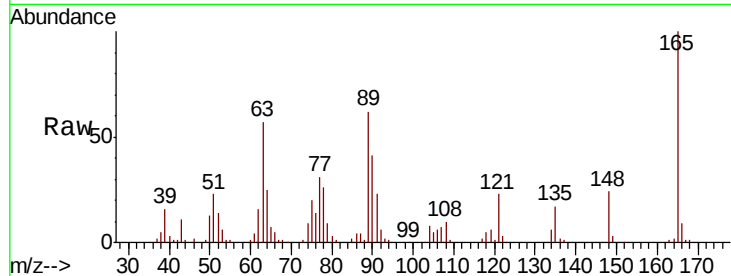




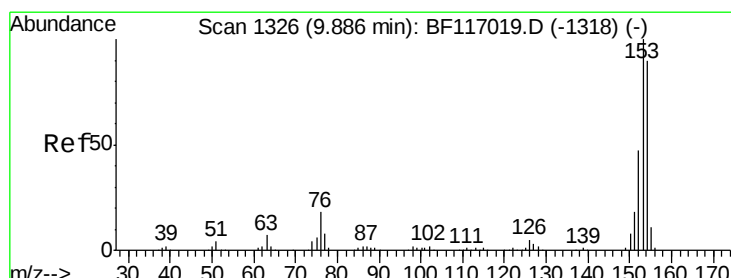
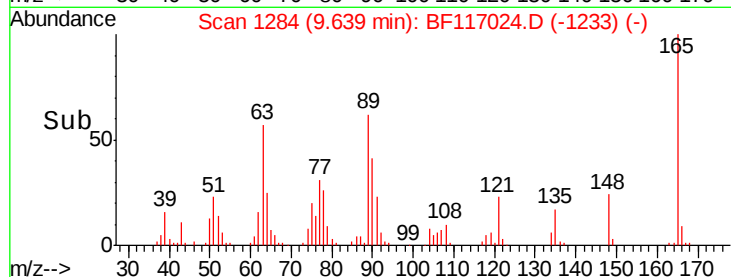
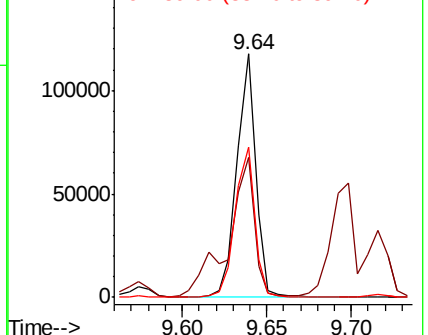
#51
2,6-Dinitrotoluene
Concen: 38.417 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion:165 Resp: 91571
Ion Ratio Lower Upper
165 100
63 57.3 41.8 62.8
89 61.8 46.5 69.7

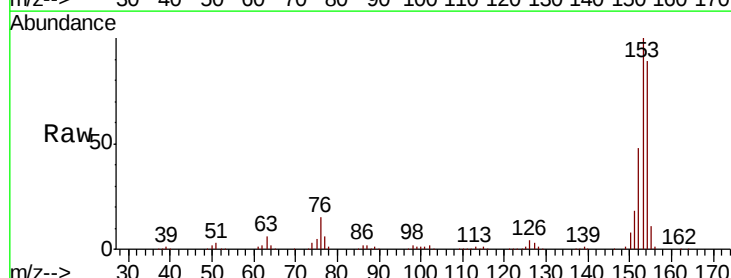


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

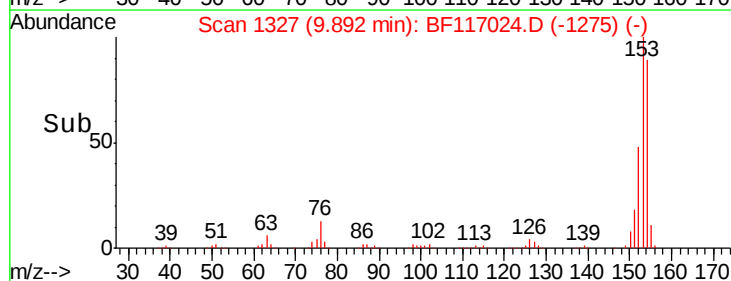
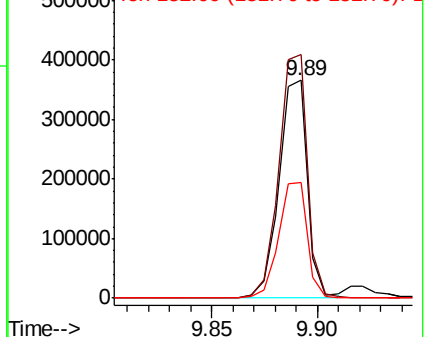


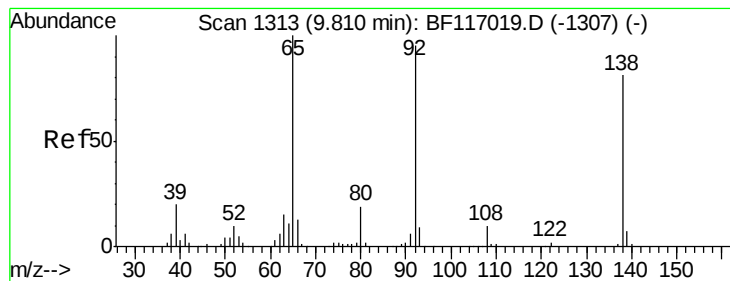
#52
Acenaphthene
Concen: 37.792 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:154 Resp: 343400
Ion Ratio Lower Upper
154 100
153 111.9 89.0 133.6
152 53.3 41.9 62.9



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





#53

3-Nitroaniline

Concen: 38.663 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

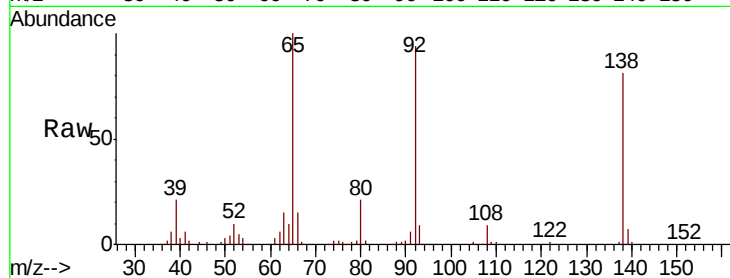
Tot Ion:138 Resp: 116273

Ion Ratio Lower Upper

138 100

108 11.7 9.5 14.3

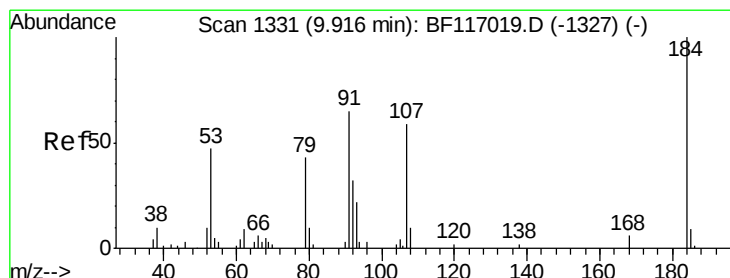
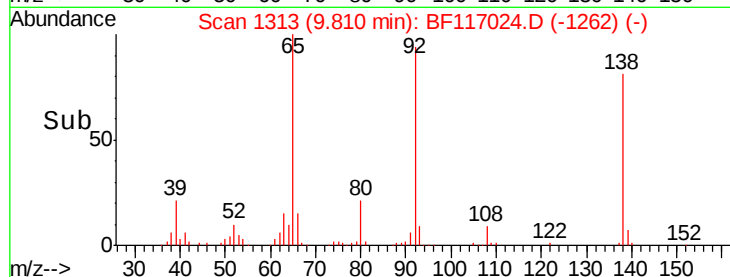
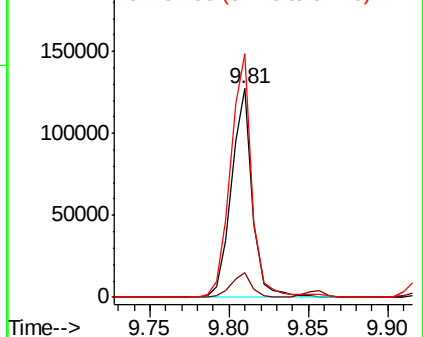
92 116.8 94.1 141.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 38.555 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

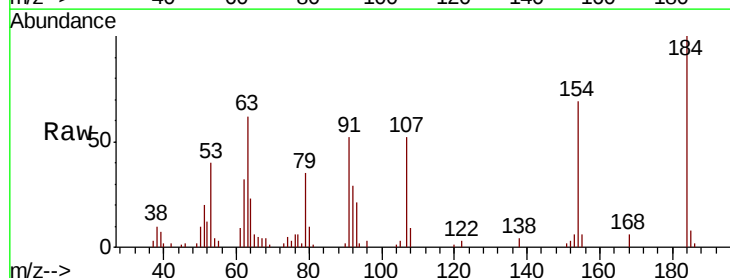
Tgt Ion:184 Resp: 34162

Ion Ratio Lower Upper

184 100

63 61.6 63.8 95.6#

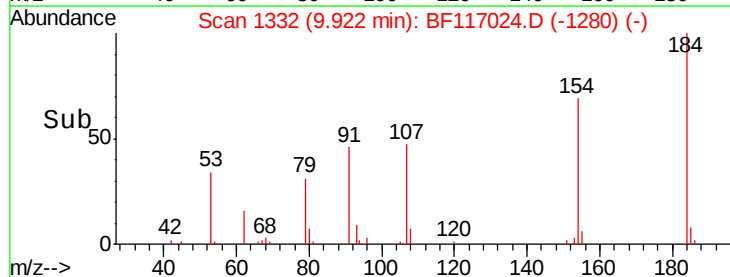
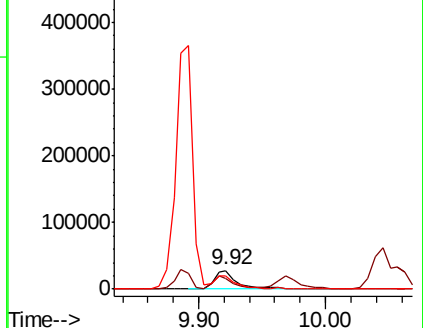
154 69.3 60.4 90.6

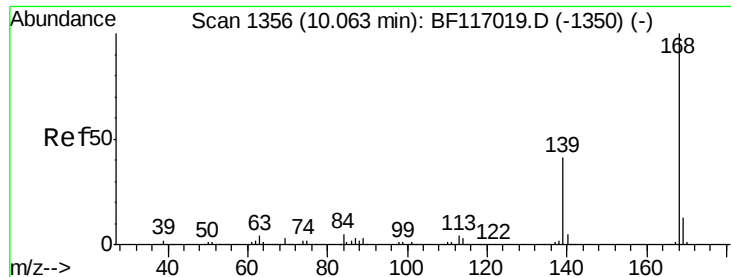


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

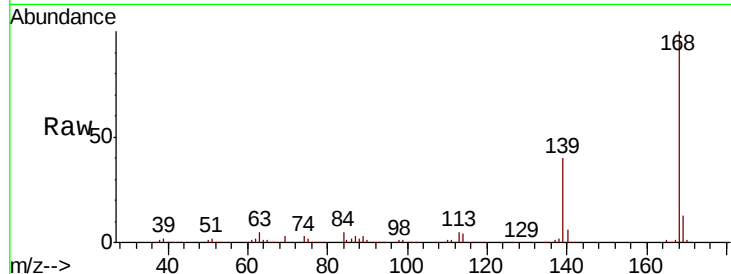




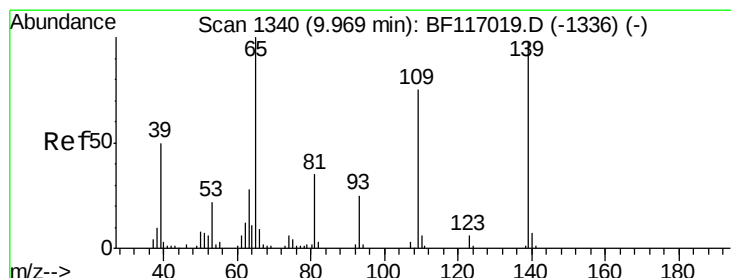
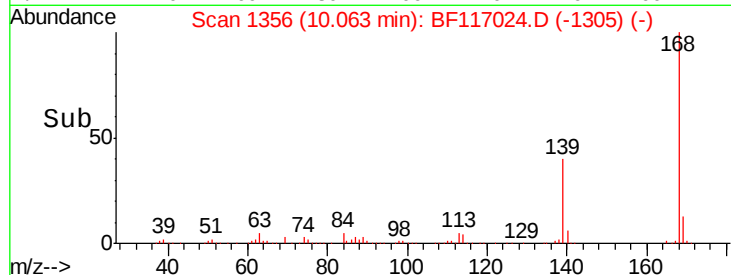
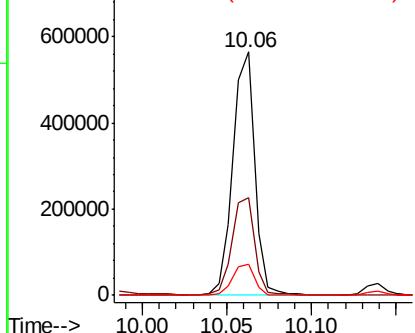
#55
Dibenzenofuran
Concen: 38.141 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion:168 Resp: 511344
Ion Ratio Lower Upper
168 100
139 40.4 32.8 49.2
169 12.9 10.5 15.7

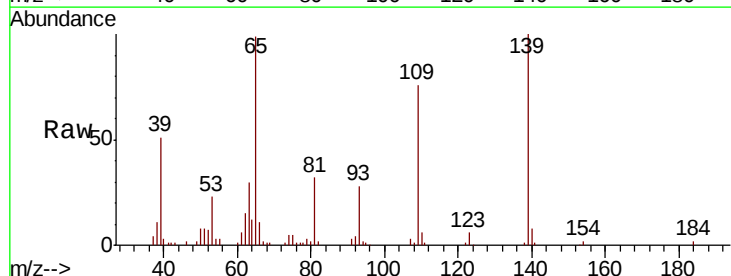


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

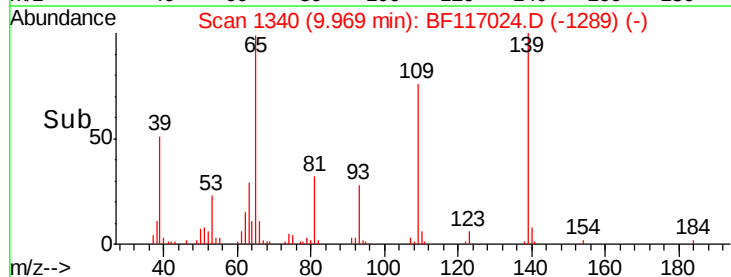
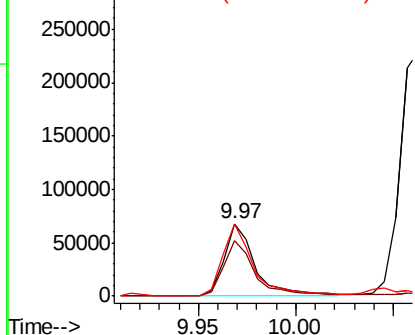


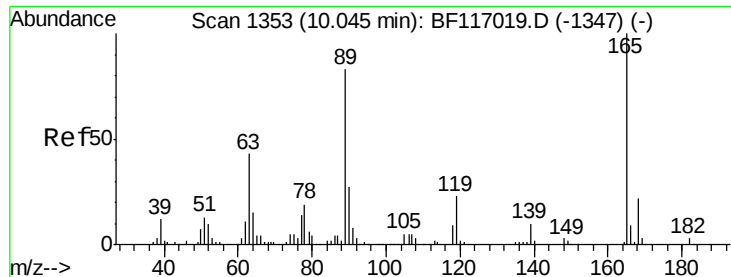
#56
4-Nitrophenol
Concen: 38.393 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:139 Resp: 74833
Ion Ratio Lower Upper
139 100
109 75.8 56.4 96.4
65 99.3 82.5 122.5



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

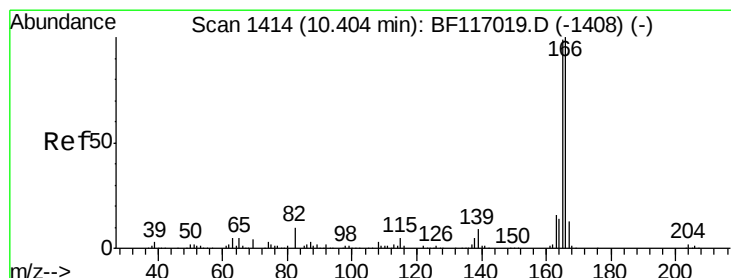
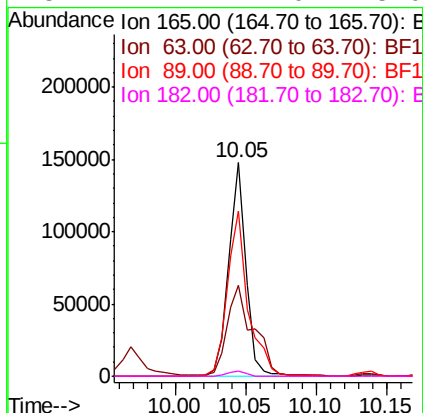
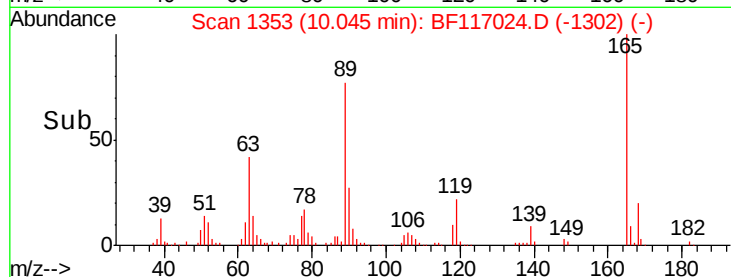
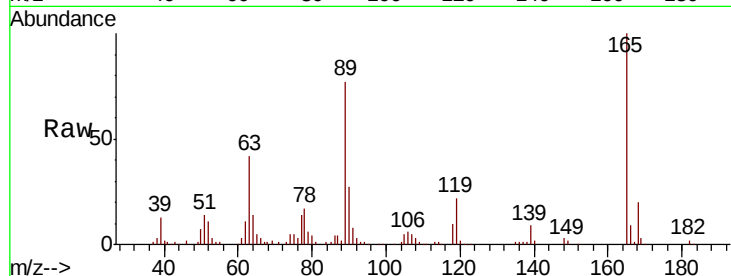




#57
2,4-Dinitrotoluene
Concen: 40.917 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

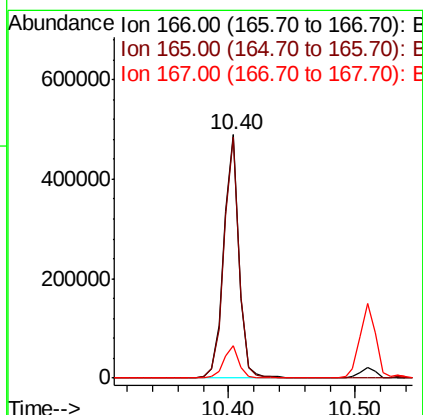
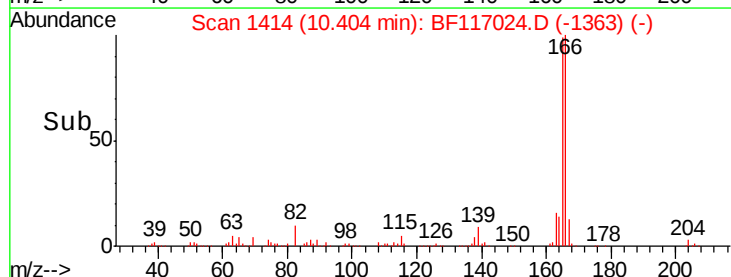
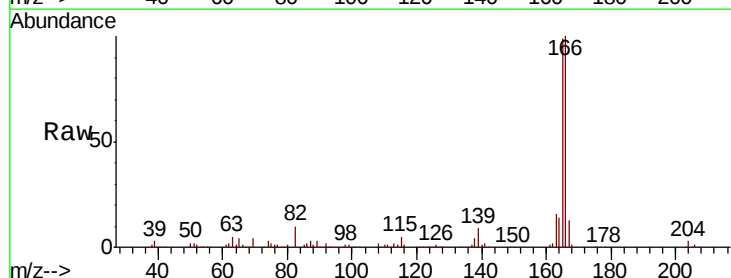
Instrument :
BNA_F
ClientSampleId :
ICVBF091319

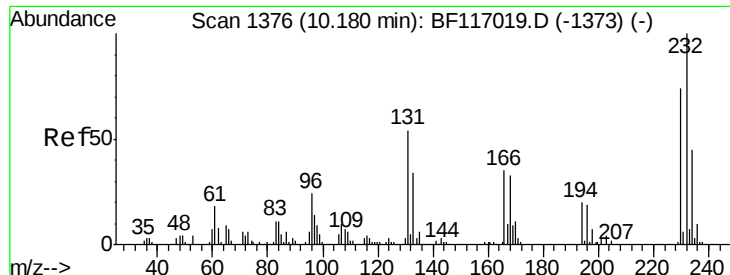
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	35.0	52.4
89	77.1	66.1	99.1
182	2.2	2.0	3.0



#58
Fluorene
Concen: 37.908 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.9	118.3
167	13.3	10.6	15.8

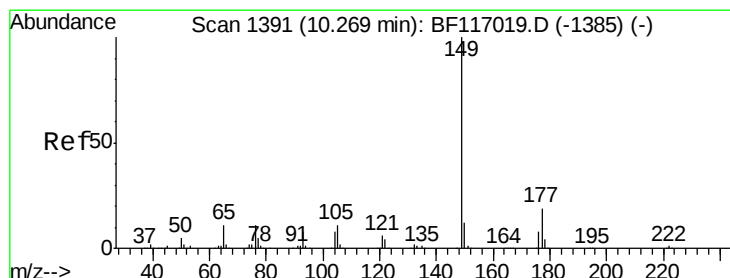
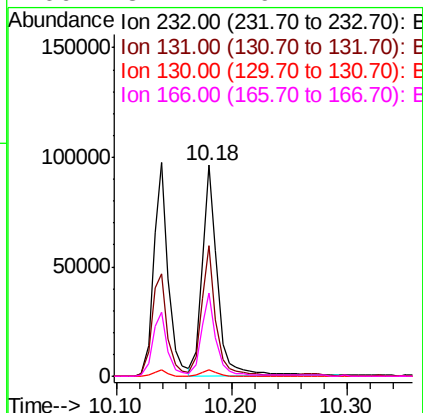
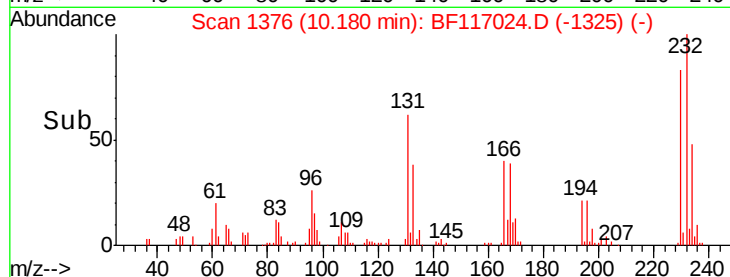
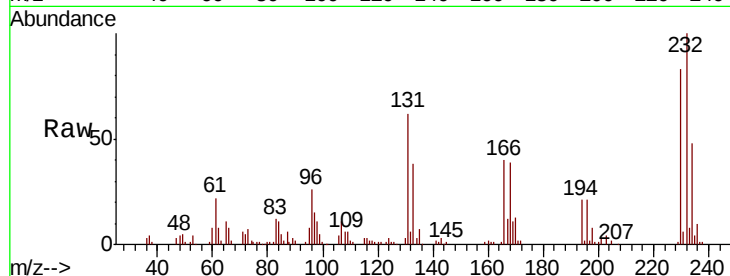




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.798 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

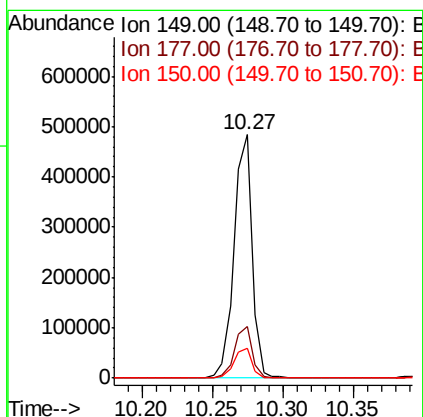
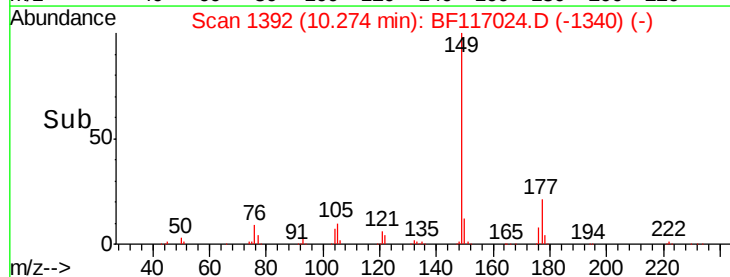
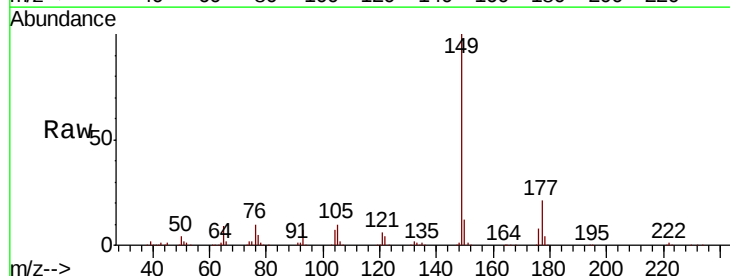
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091319

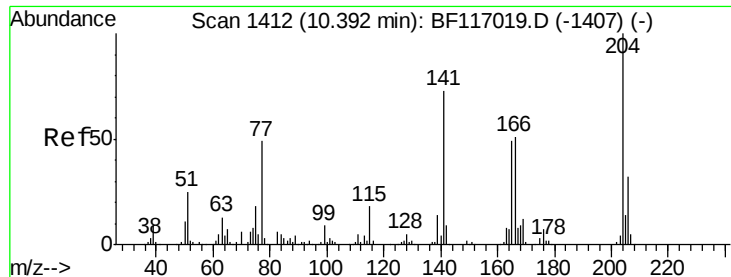
Tot Ion:	232	Resp:	89513
Ion	Ratio	Lower	Upper
232	100		
131	59.3	45.3	67.9
130	2.7	1.8	2.8
166	37.2	29.4	44.2



#60
 Diethylphthalate
 Concen: 37.585 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Tgt Ion:	149	Resp:	432753
Ion	Ratio	Lower	Upper
149	100		
177	21.0	15.2	22.8
150	12.3	9.9	14.9

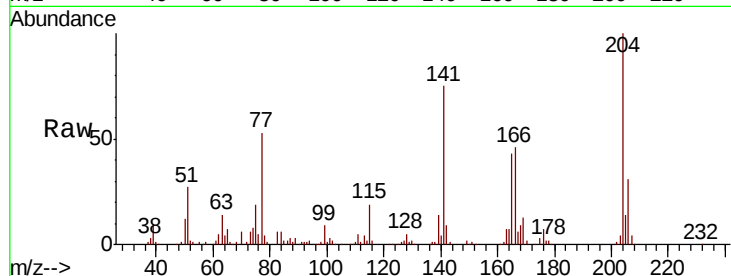




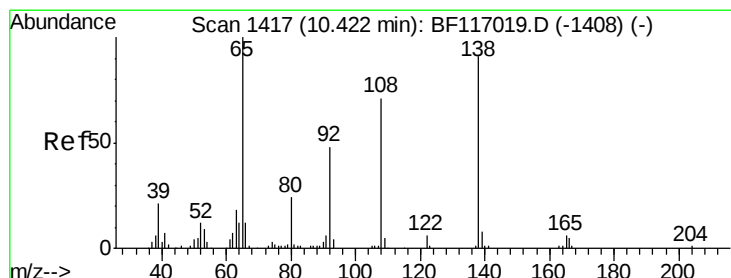
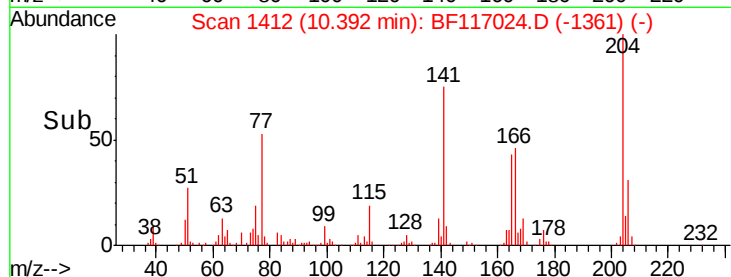
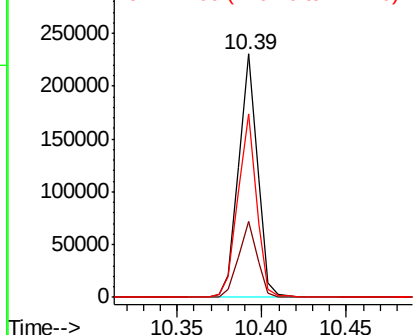
#61
4-Chlorophenyl-phenylether
Concen: 38.382 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion:204 Resp: 179341
Ion Ratio Lower Upper
204 100
206 31.4 26.0 39.0
141 75.2 58.2 87.2

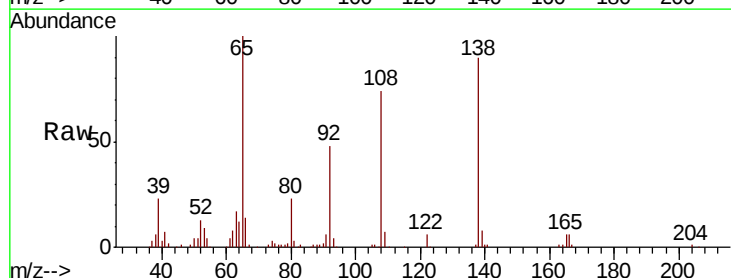


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

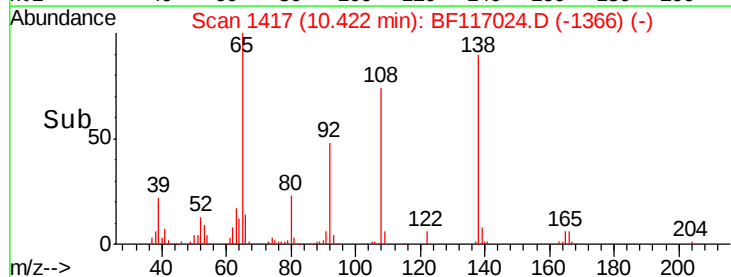
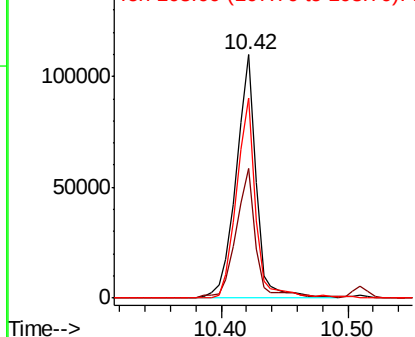


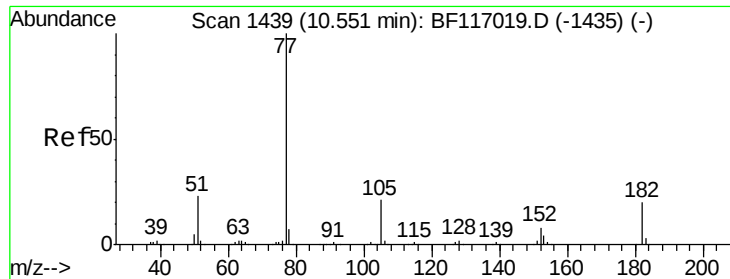
#62
4-Nitroaniline
Concen: 38.552 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:138 Resp: 120573
Ion Ratio Lower Upper
138 100
92 53.1 32.9 72.9
108 82.2 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: 37.486 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

Tot Ion: 77 Resp: 440825

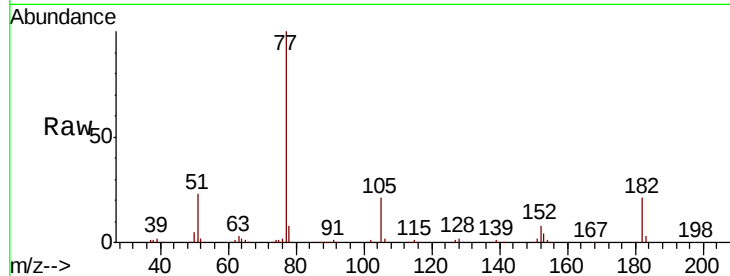
Ion Ratio Lower Upper

77 100

182 20.6 0.4 40.4

105 21.4 0.9 40.9

51 23.5 2.8 42.8

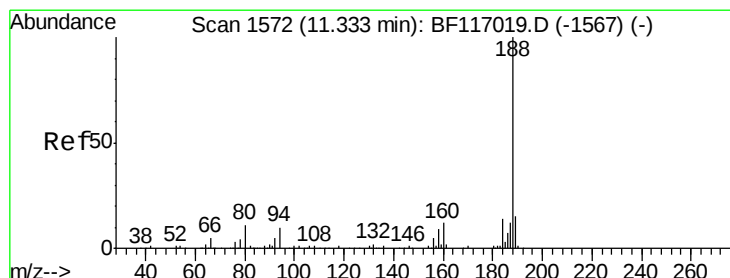
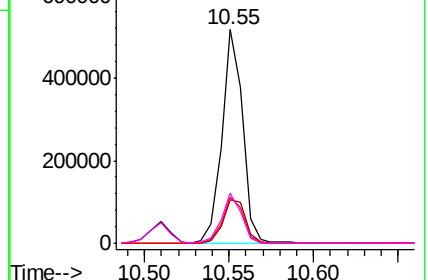
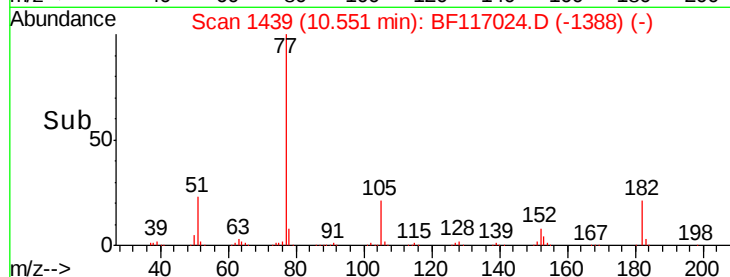


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

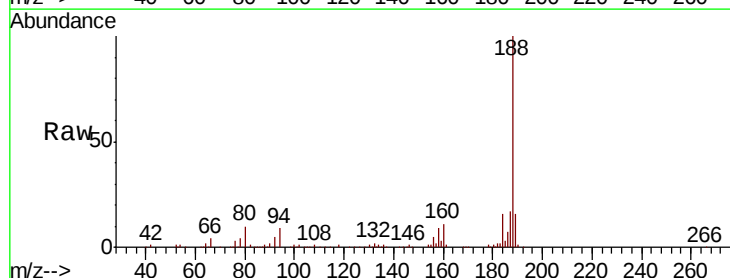
Tgt Ion: 188 Resp: 272828

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

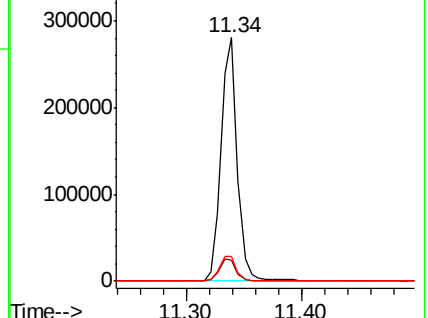
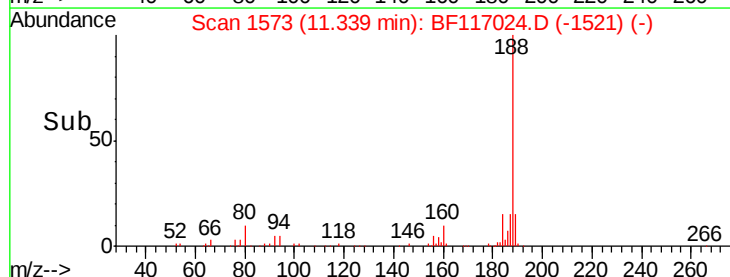
80 10.0 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 37.938 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

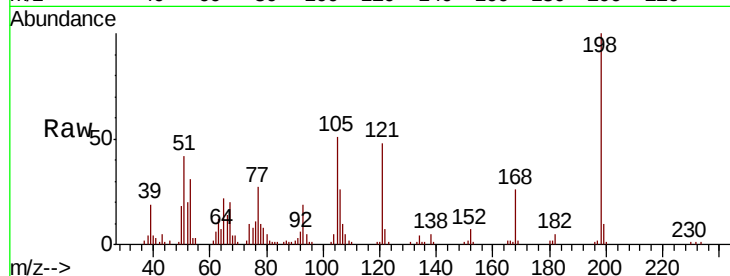
Tot Ion:198 Resp: 45061

Ion Ratio Lower Upper

198 100

51 42.4 18.7 58.7

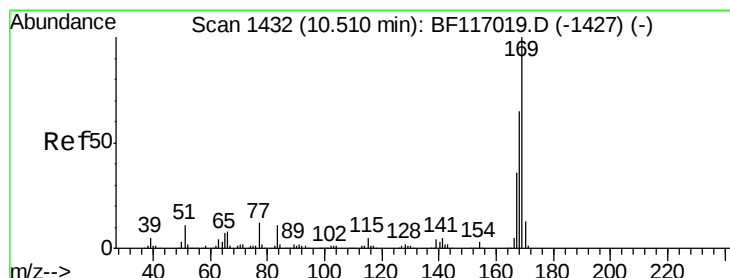
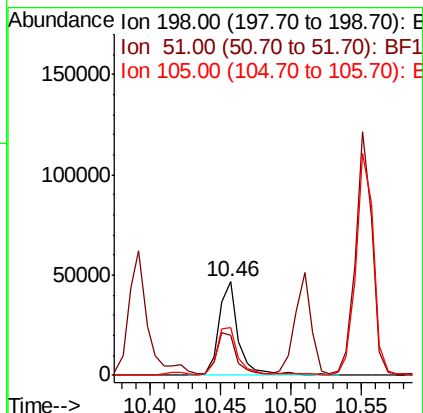
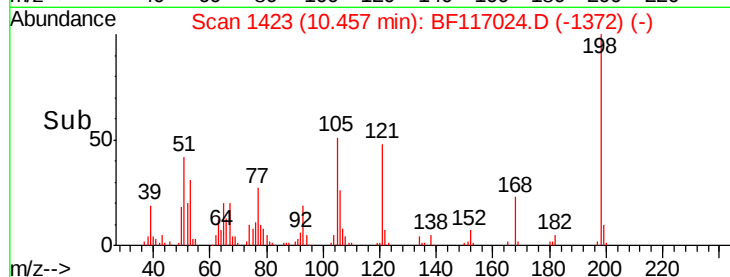
105 50.5 30.2 70.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.024 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

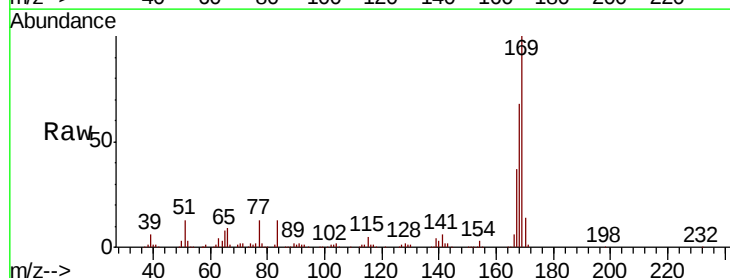
Tgt Ion:169 Resp: 348856

Ion Ratio Lower Upper

169 100

168 67.9 52.2 78.2

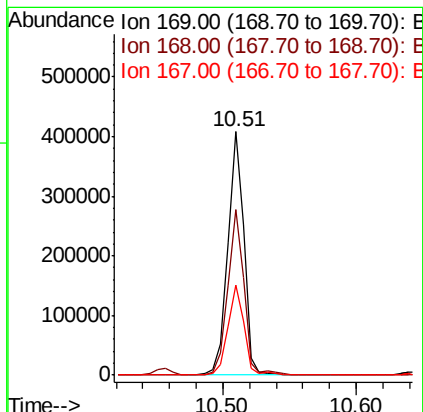
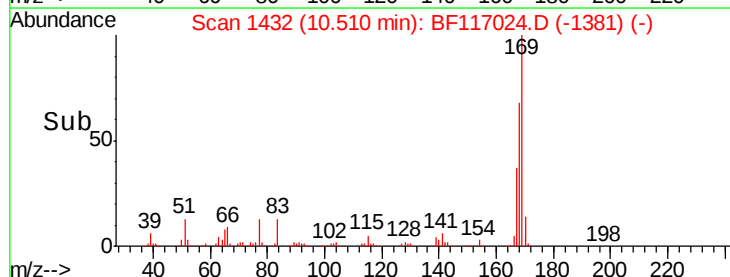
167 36.9 28.8 43.2



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

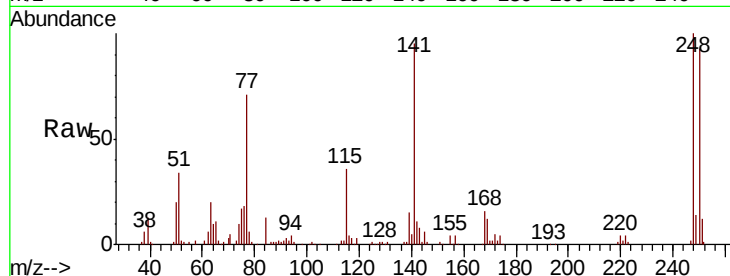




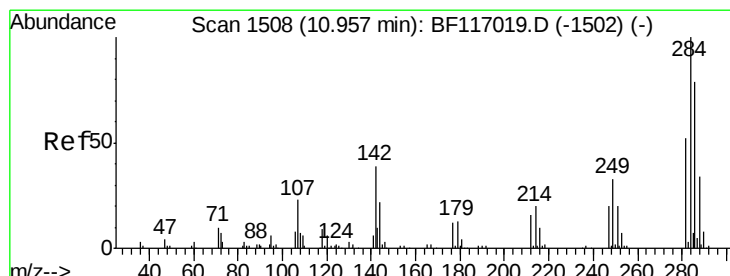
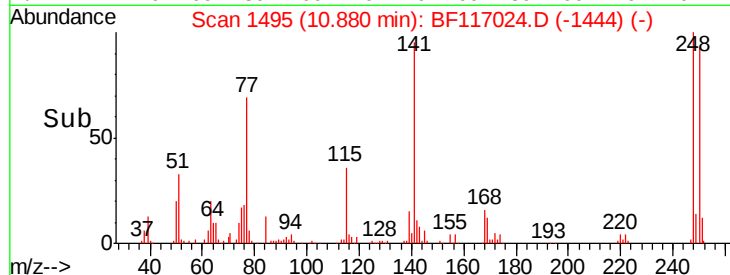
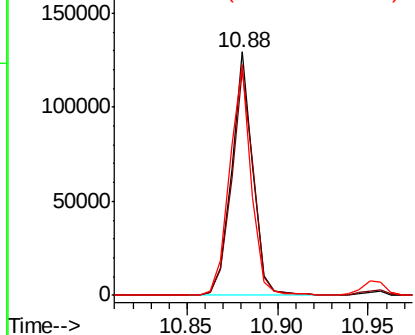
#67
 4-Bromophenyl-phenylether
 Concen: 37.776 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091319

Tot Ion:	248	Resp:	105252
Ion	Ratio	Lower	Upper
248	100		
250	92.8	76.2	114.4
141	94.9	75.0	112.4

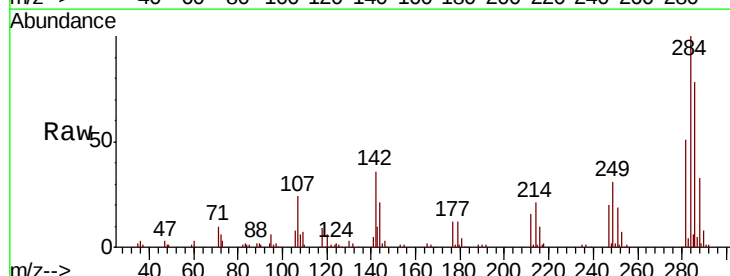


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

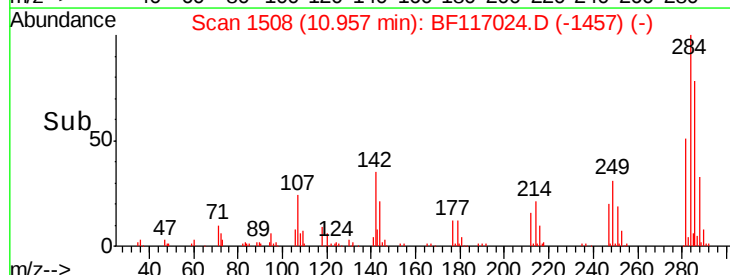
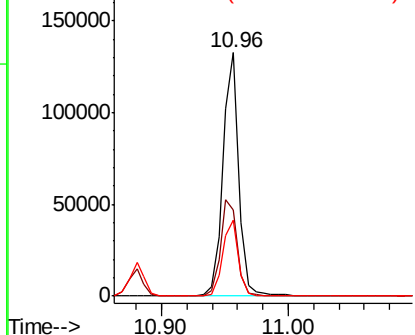


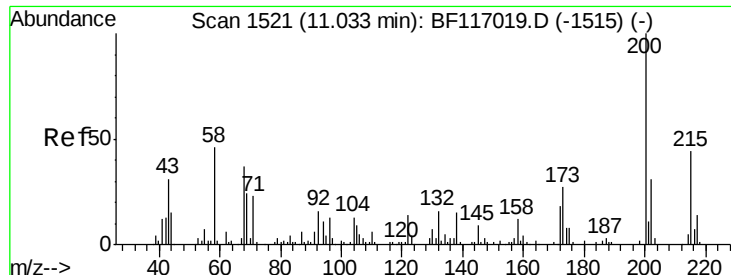
#68
 Hexachlorobenzene
 Concen: 37.785 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Tgt Ion:	284	Resp:	115150
Ion	Ratio	Lower	Upper
284	100		
142	35.5	31.4	47.2
249	31.0	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

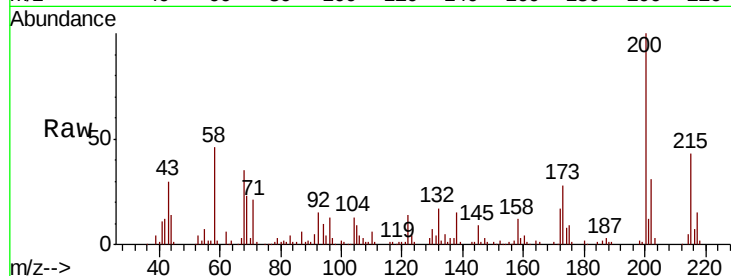




#69
Atrazine
Concen: 38.417 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.9	46.9
215	42.8	23.8	63.8

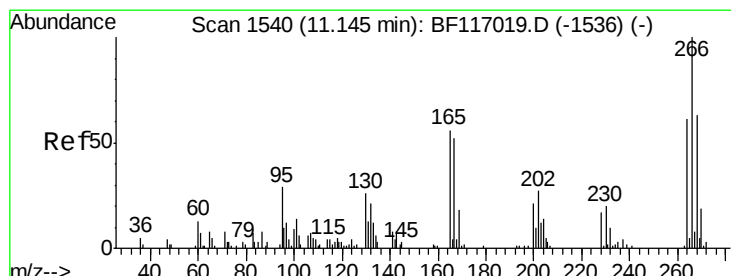
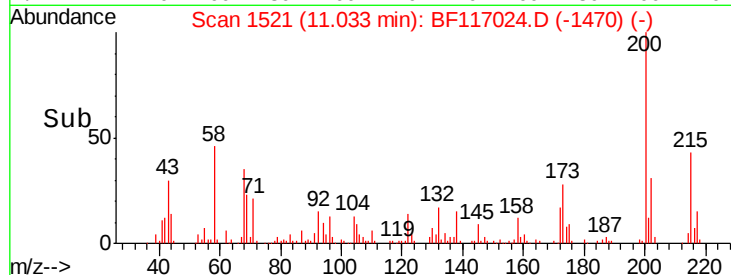
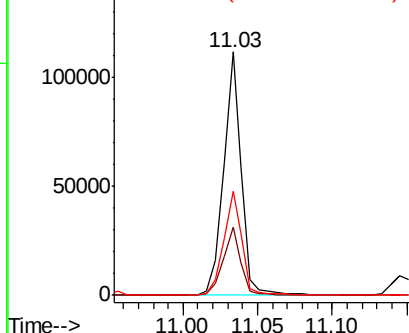


Abundance

Ion 200.00 (199.70 to 200.70): E

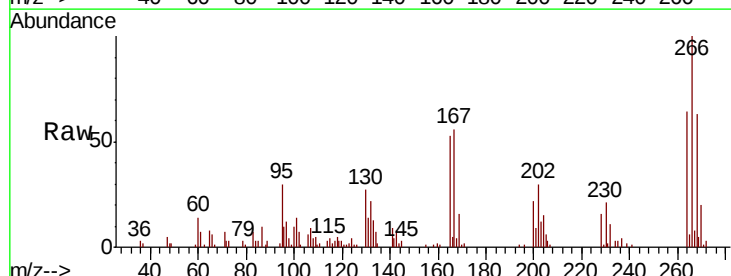
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 38.165 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.5	75.7
264	64.3	48.8	73.2

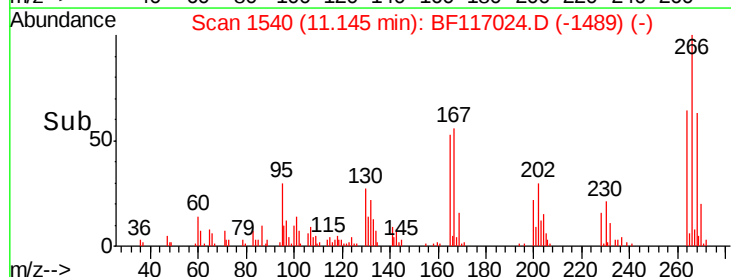
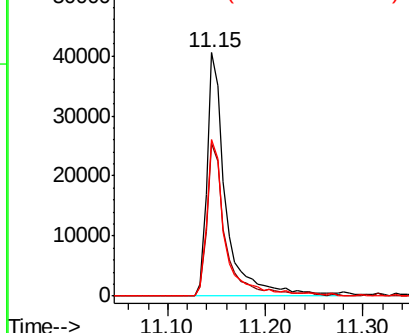


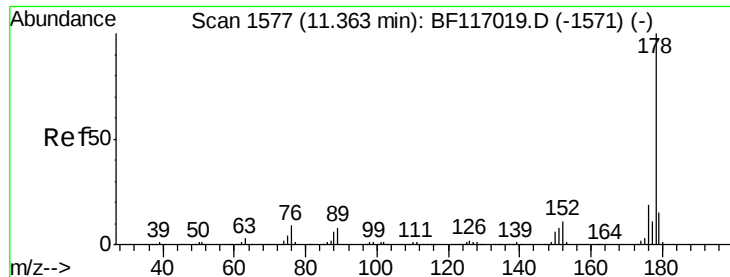
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

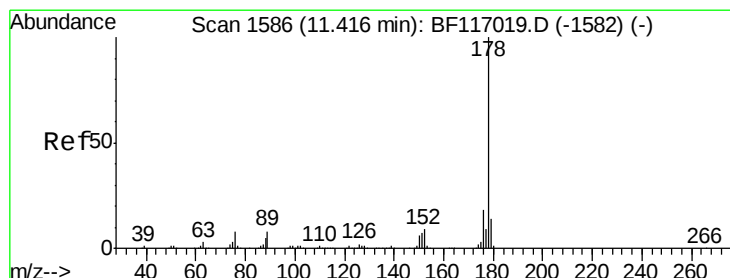
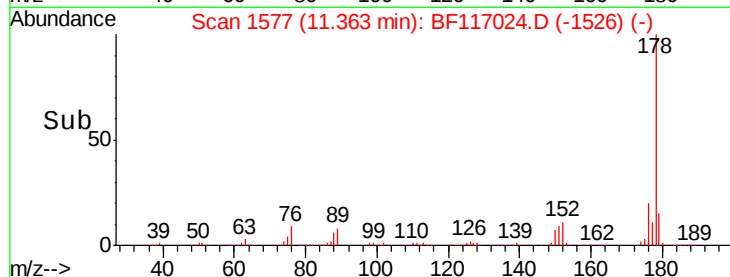
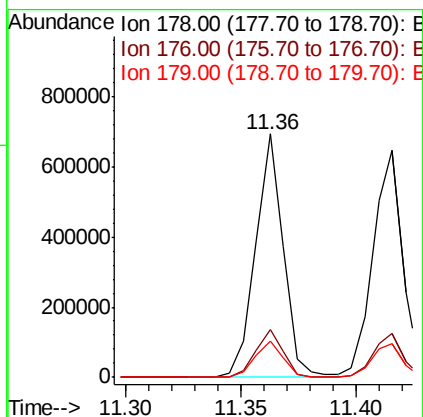
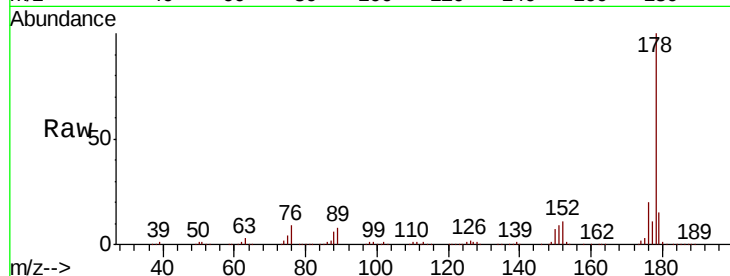




#71
Phenanthrene
Concen: 37.748 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

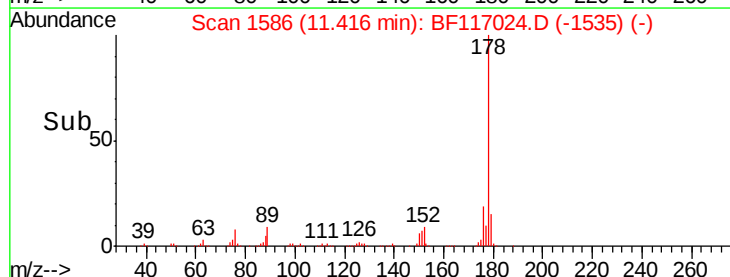
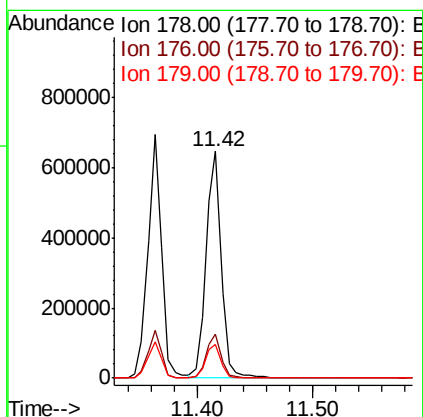
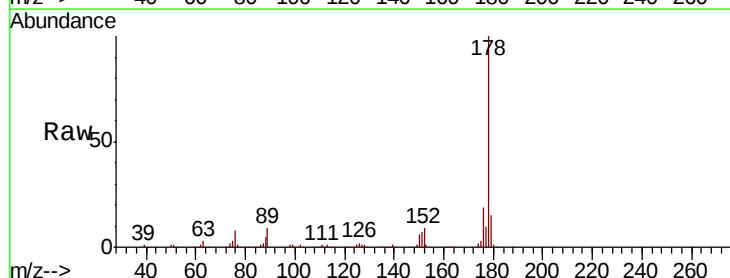
Instrument :
BNA_F
ClientSampleId :
ICVBF091319

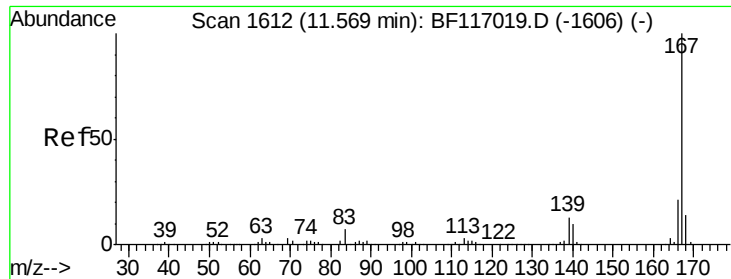
Tot Ion:178 Resp: 584967
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.0 12.4 18.6



#72
Anthracene
Concen: 37.691 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:178 Resp: 596297
Ion Ratio Lower Upper
178 100
176 19.2 14.6 21.8
179 14.9 11.6 17.4

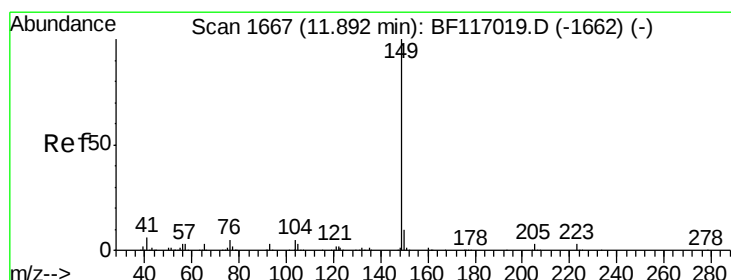
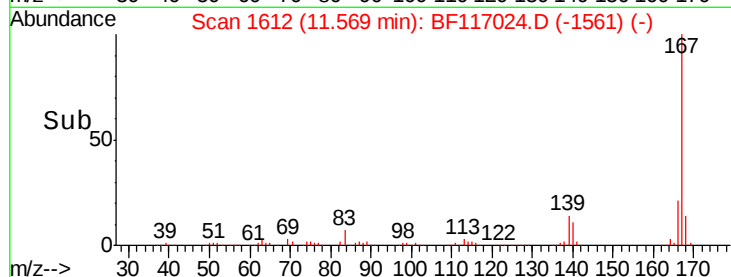
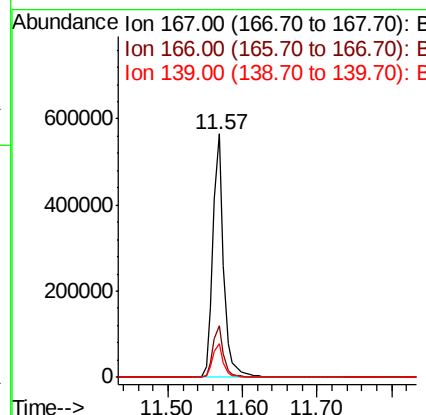
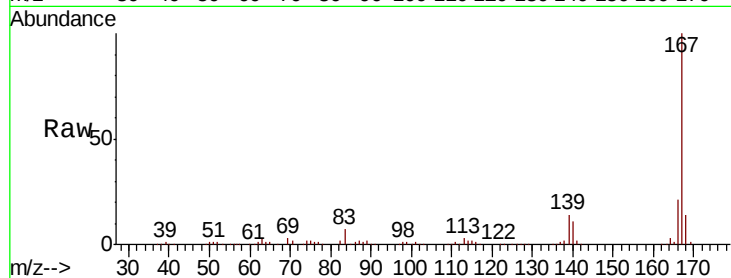




#73
 Carbazole
 Concen: 37.812 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

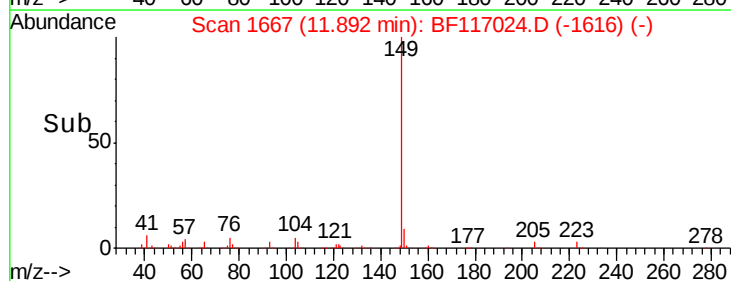
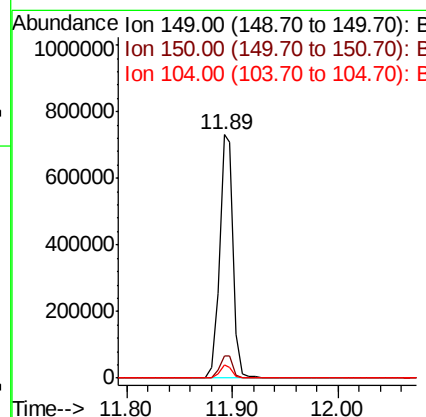
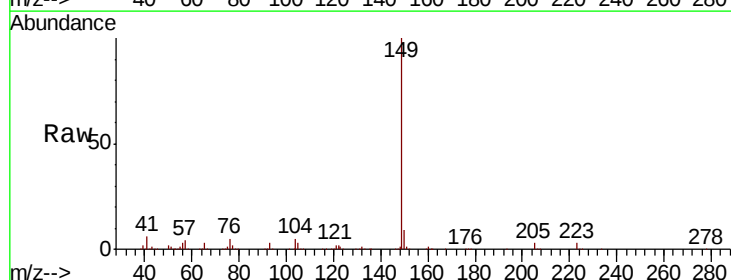
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091319

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.7	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 37.457 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	5.4	4.2	6.4





#75

Fluoranthene

Concen: 38.016 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

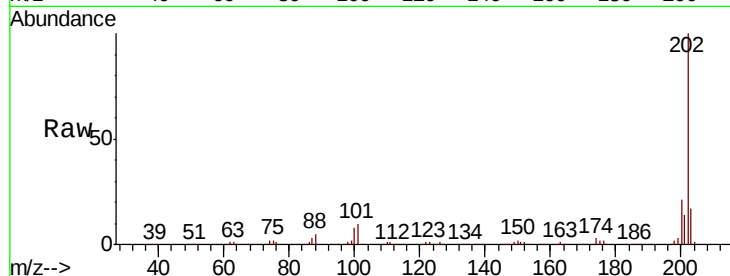
Tot Ion:202 Resp: 605323

Ion Ratio Lower Upper

202 100

101 9.9 0.0 32.3

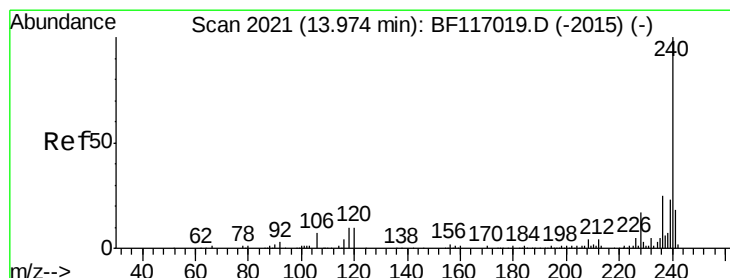
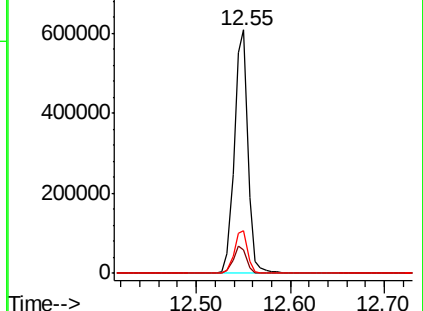
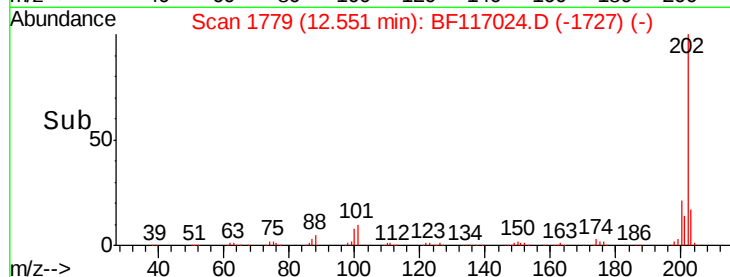
203 17.3 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

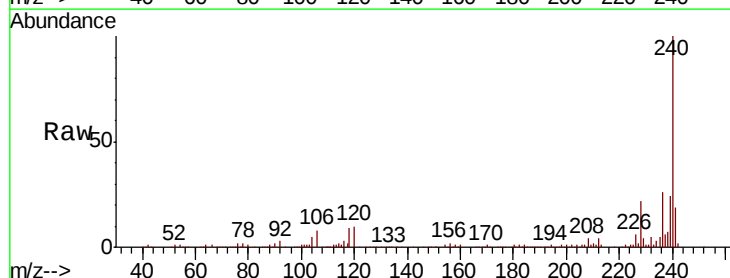
Tgt Ion:240 Resp: 201397

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

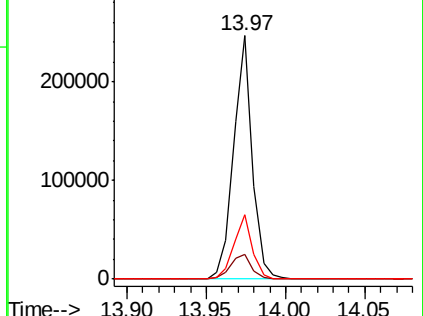
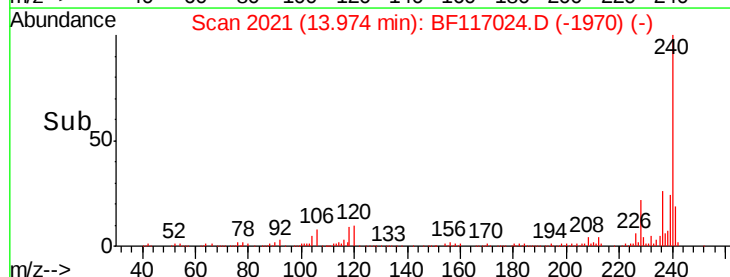
236 26.4 20.3 30.5

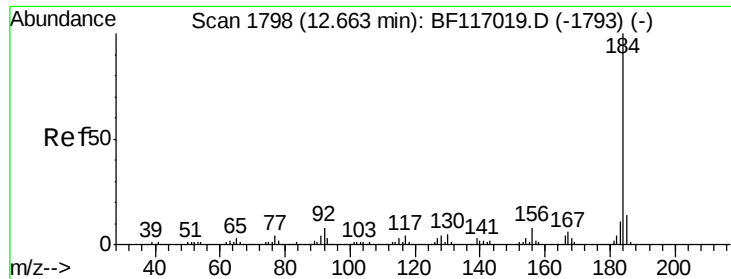


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.397 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

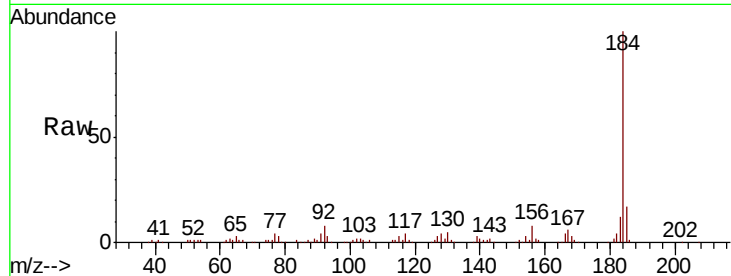
Tot Ion:184 Resp: 236126

Ion Ratio Lower Upper

184 100

185 16.6 11.6 17.4

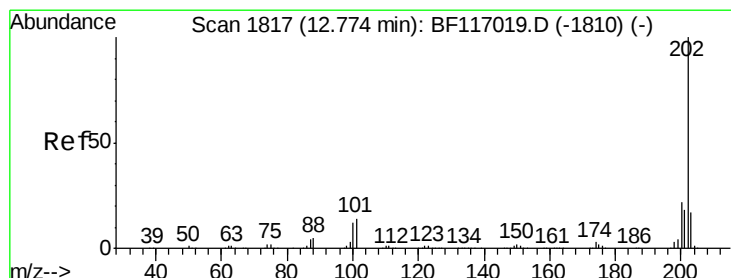
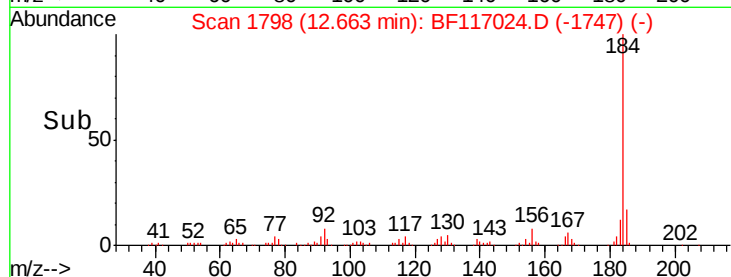
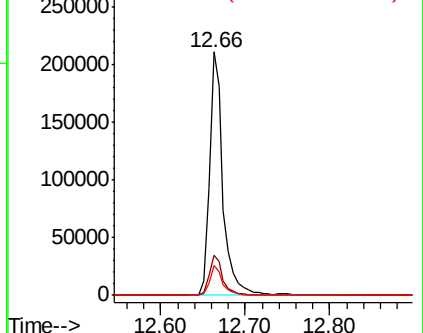
183 12.1 9.0 13.4



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: 35.889 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

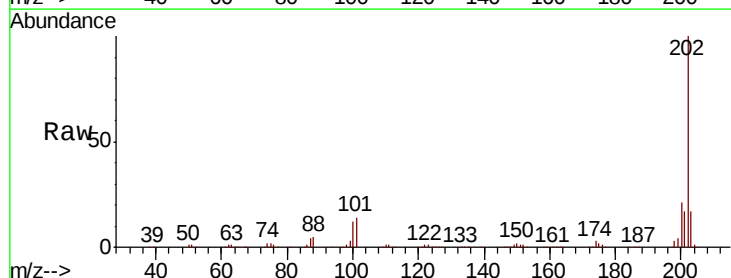
Tgt Ion:202 Resp: 606479

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

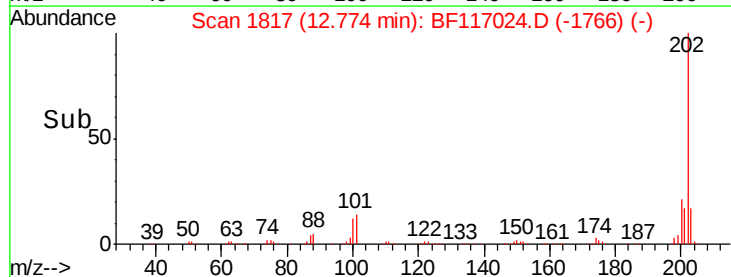
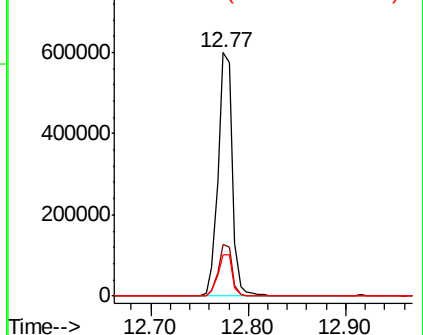
203 17.1 14.0 21.0

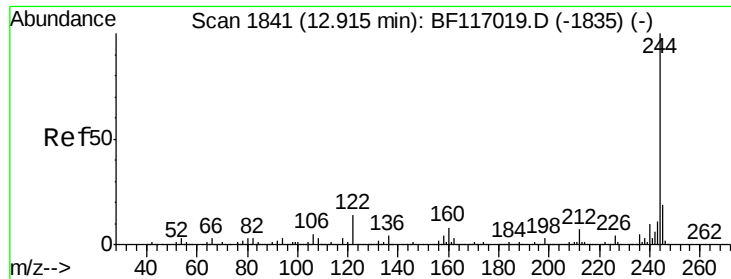


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

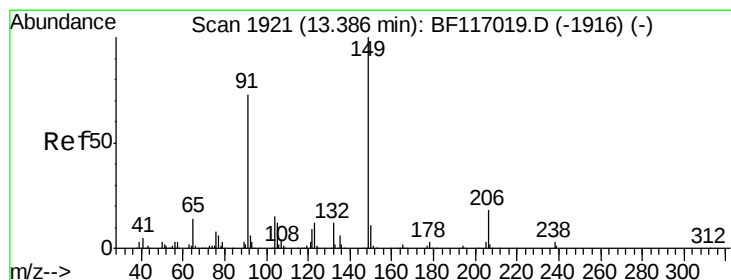
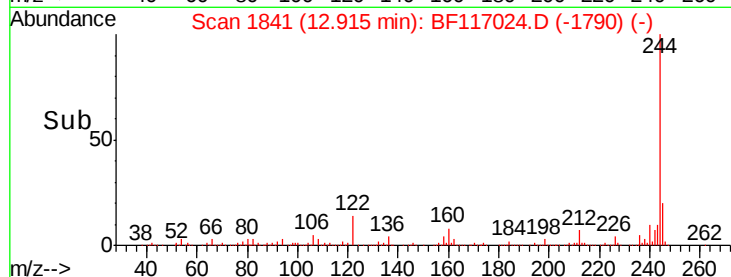
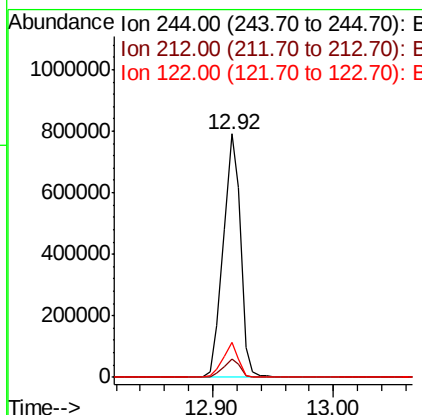
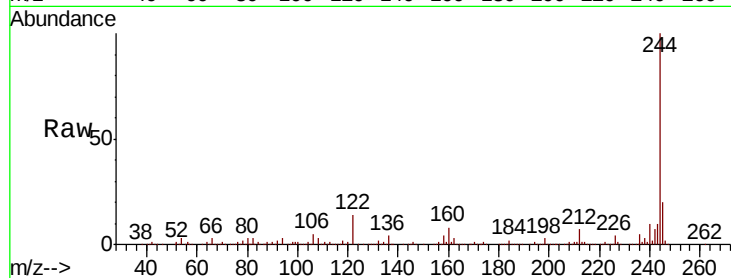




#79
 Terphenyl-d14
 Concen: 72.521 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

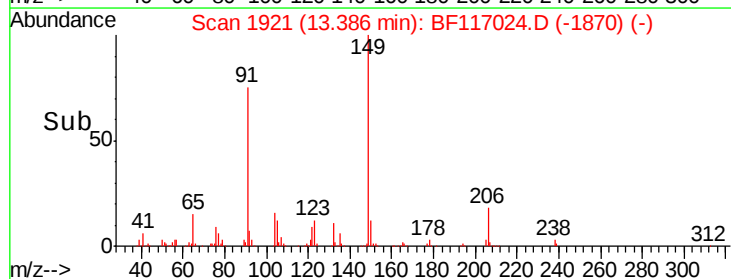
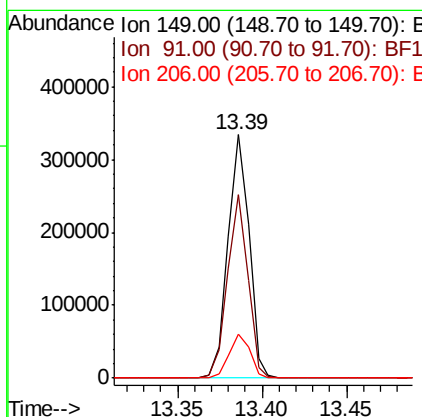
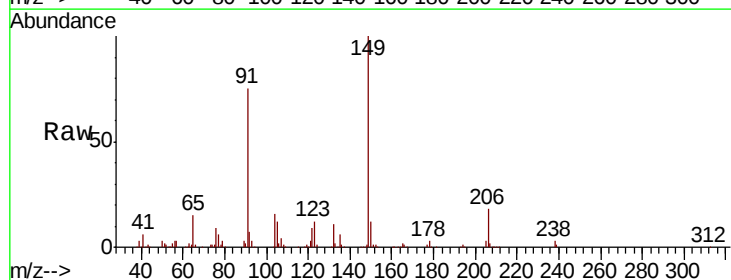
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF091319

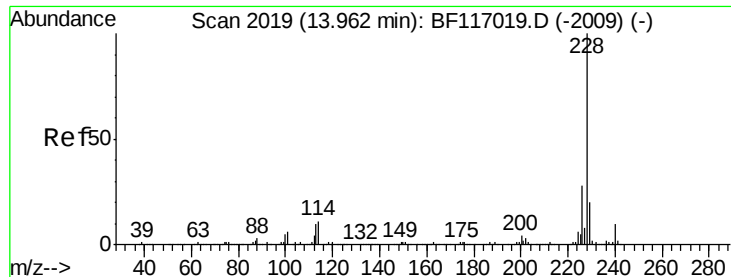
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	14.4	11.3	16.9



#80
 Butylbenzylphthalate
 Concen: 36.243 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.4	58.8	88.2
206	18.0	14.1	21.1





#81

Benzo(a)anthracene

Concen: 37.832 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

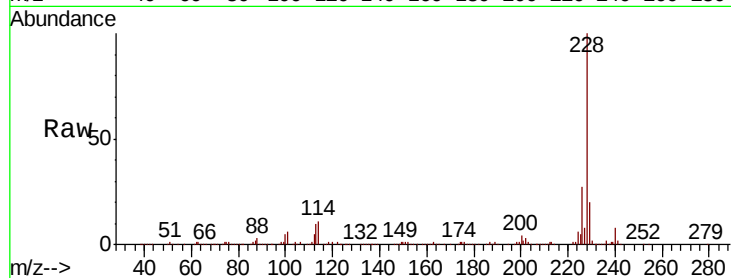
Tot Ion:228 Resp: 509047

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

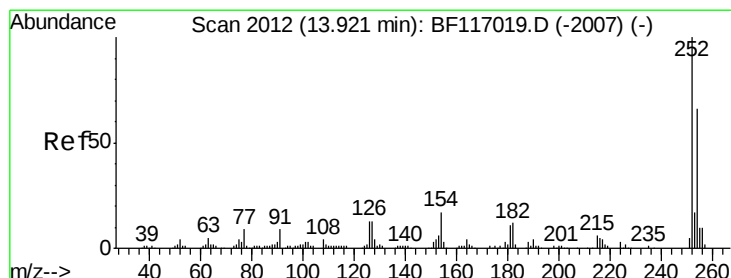
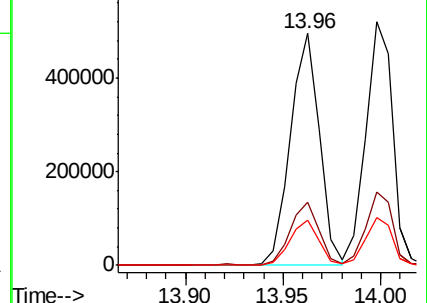
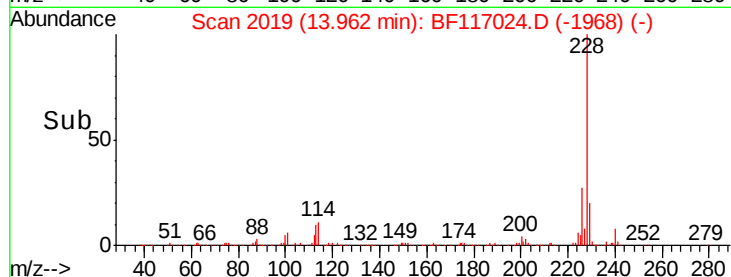
229 19.7 15.9 23.9



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: 37.133 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

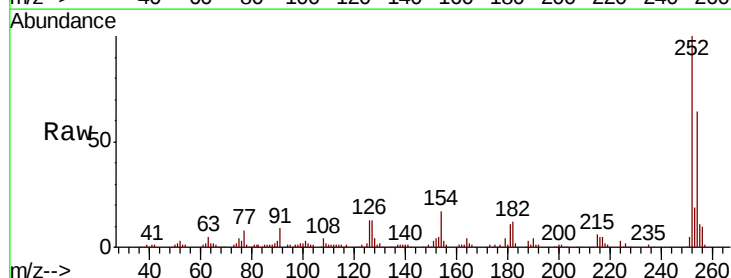
Tgt Ion:252 Resp: 161008

Ion Ratio Lower Upper

252 100

254 64.0 52.6 79.0

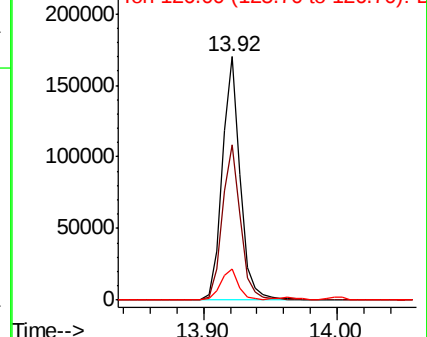
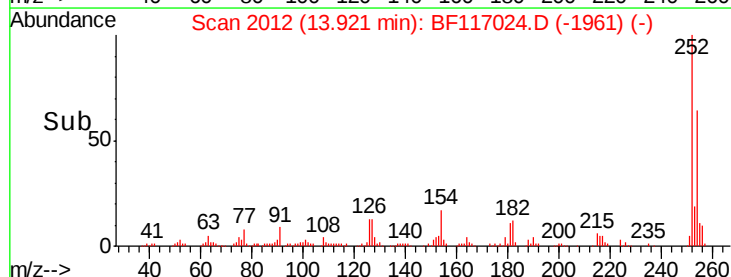
126 12.9 10.4 15.6

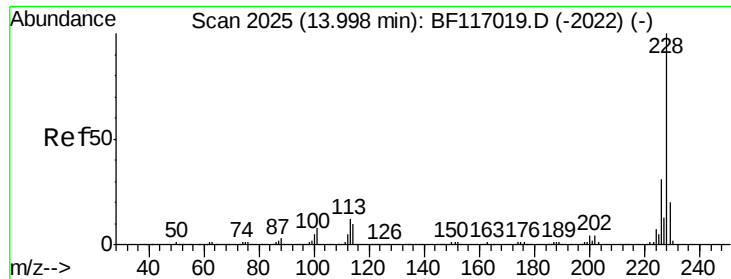


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.989 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

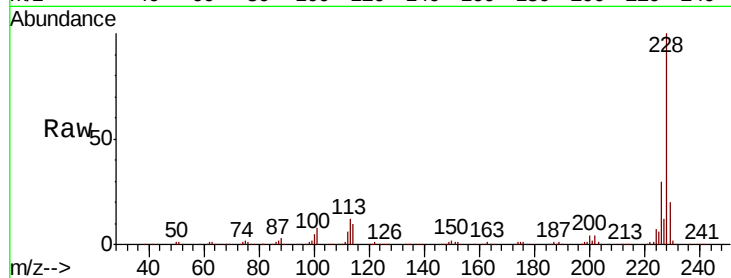
Tot Ion:228 Resp: 498552

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

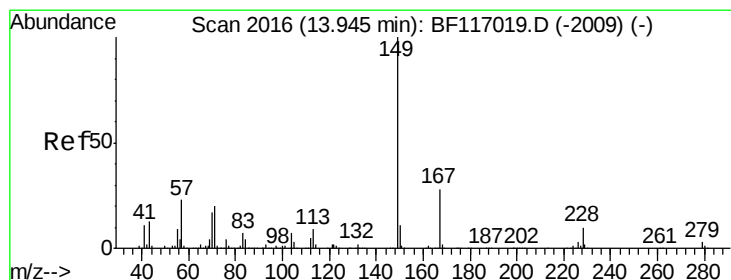
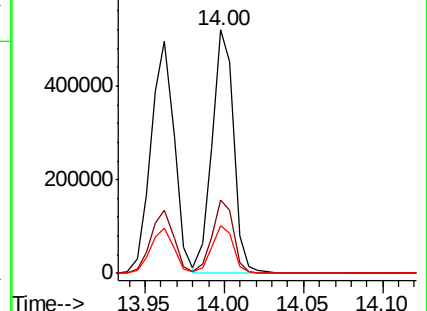
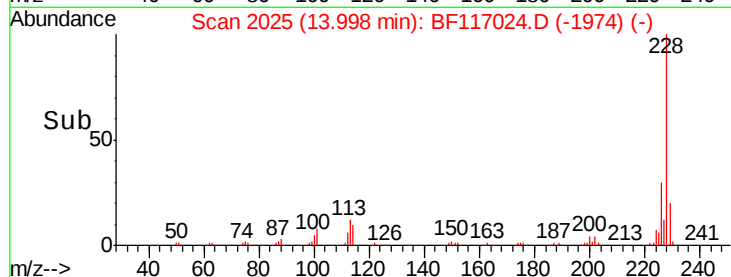
229 19.8 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.790 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

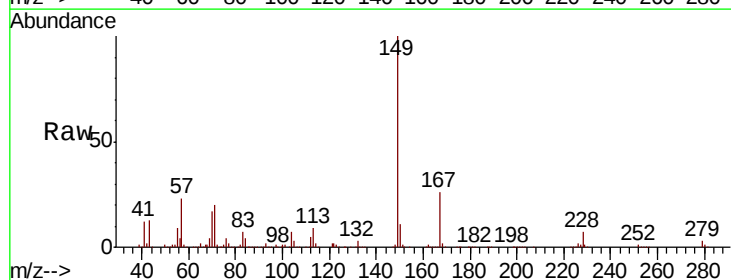
Tgt Ion:149 Resp: 378771

Ion Ratio Lower Upper

149 100

167 26.3 22.2 33.2

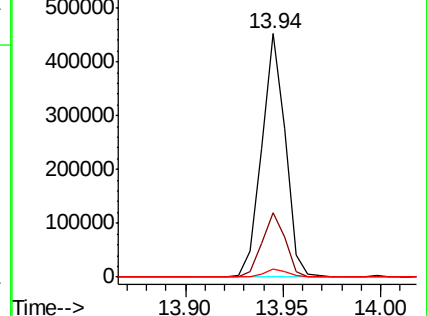
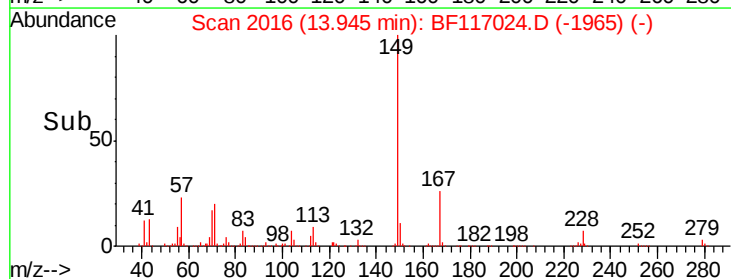
279 3.1 2.8 4.2

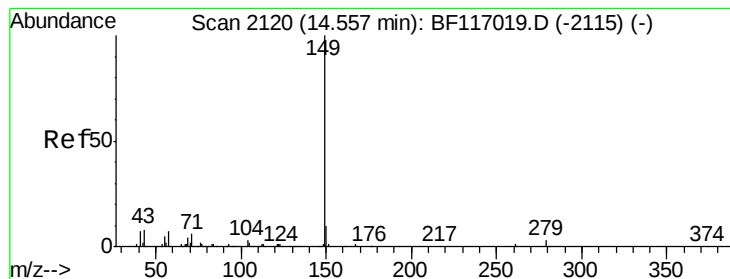


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.949 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

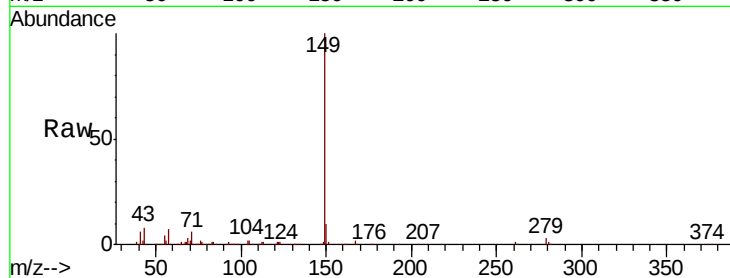
Tot Ion:149 Resp: 631142

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

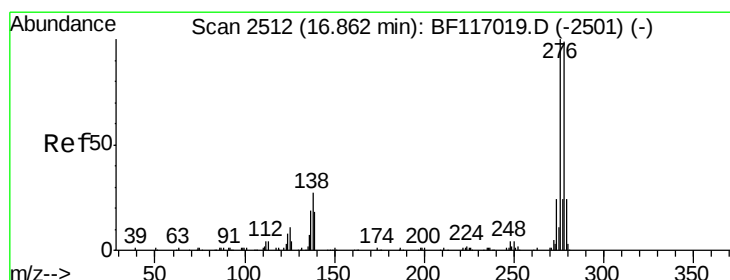
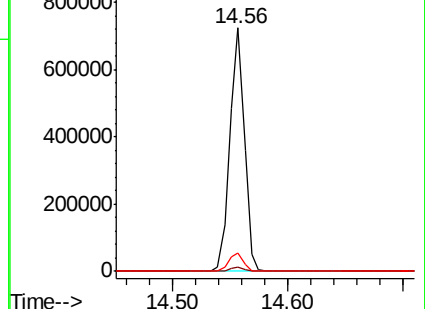
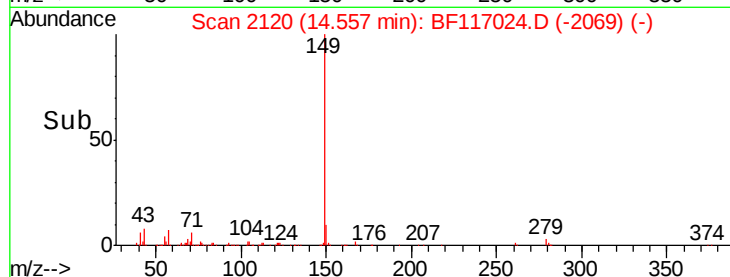
43 7.7 6.2 9.4



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: 39.494 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

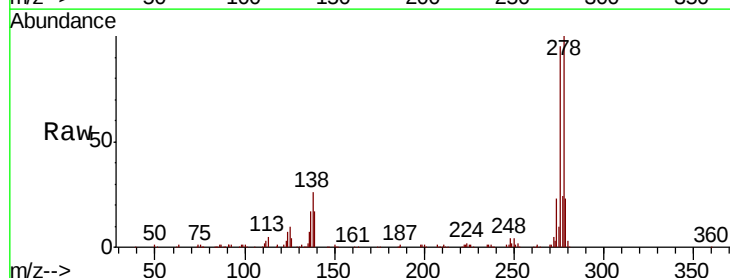
Tgt Ion:276 Resp: 378131

Ion Ratio Lower Upper

276 100

138 25.4 20.7 31.1

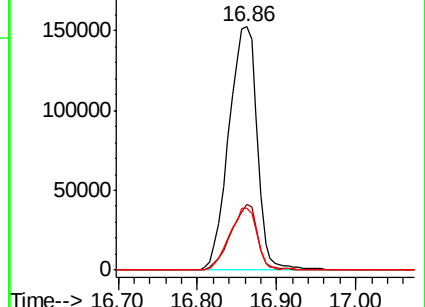
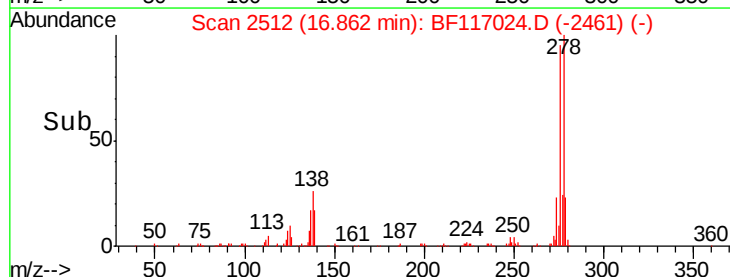
277 25.0 19.8 29.8



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



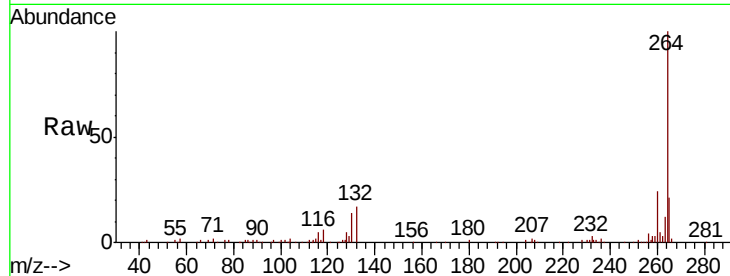


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

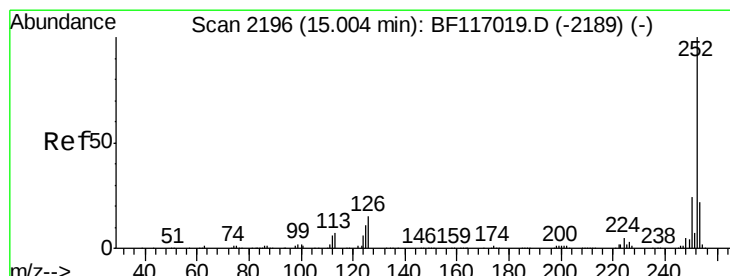
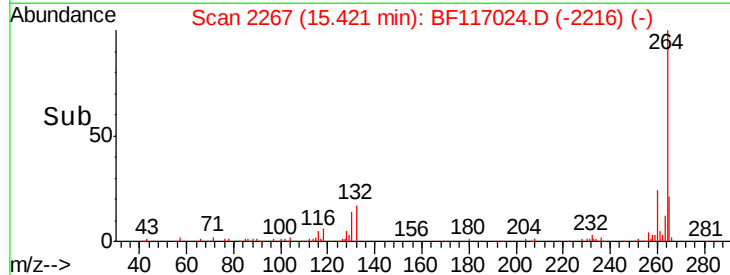
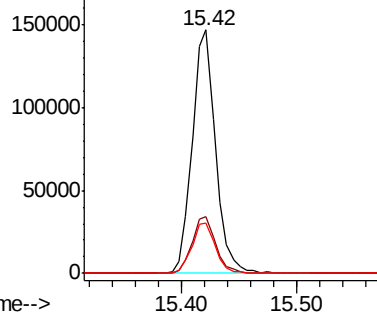
Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion:264 Resp: 205201

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.6	26.4
265	20.6	16.6	24.8



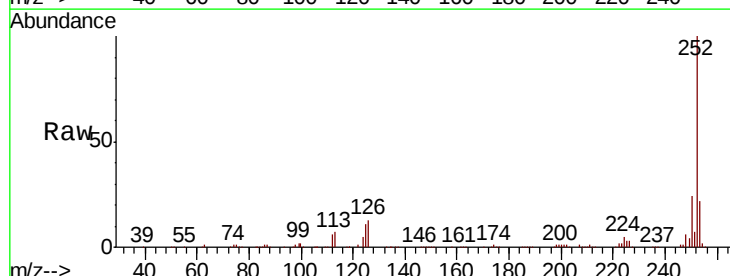
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



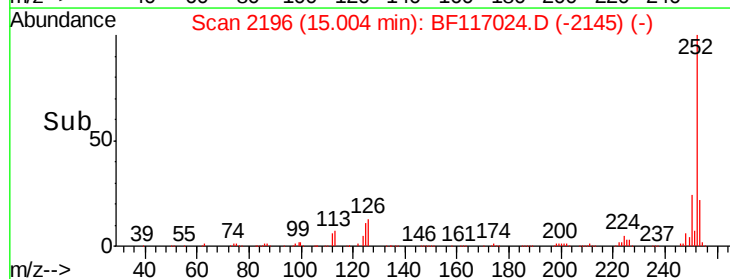
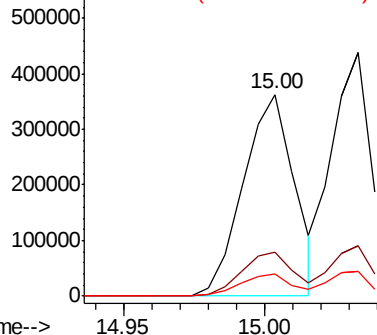
#88
Benzo(b)fluoranthene
Concen: 36.601 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion:252 Resp: 454942

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.7	8.6	12.8



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

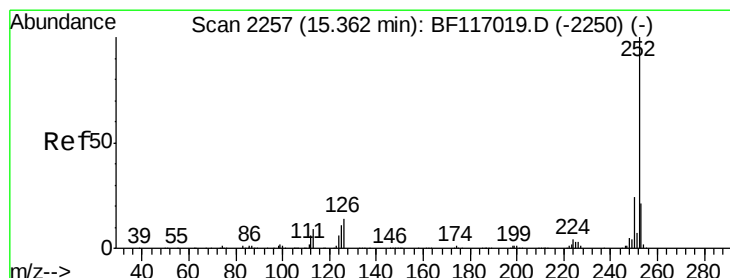
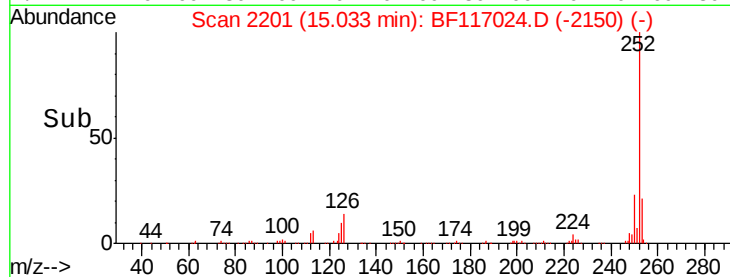
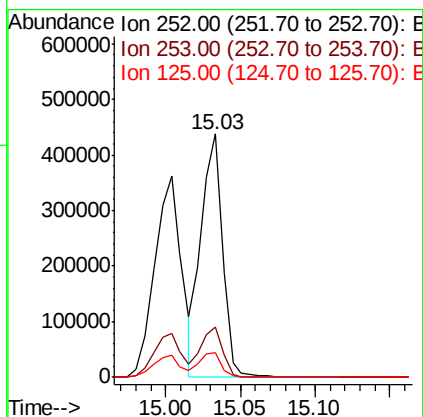
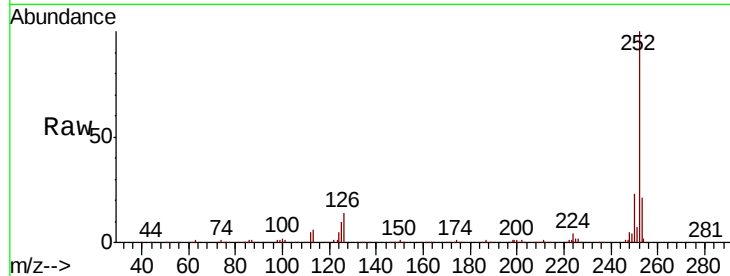




#89
Benzo(k)fluoranthene
Concen: 36.805 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

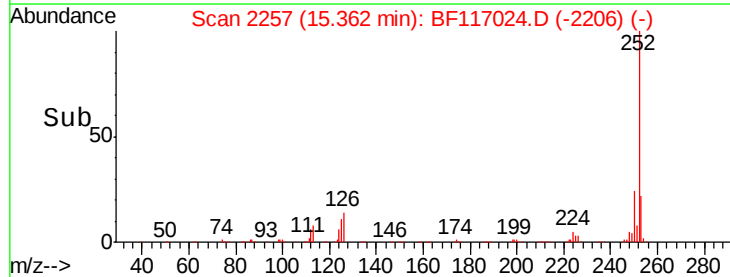
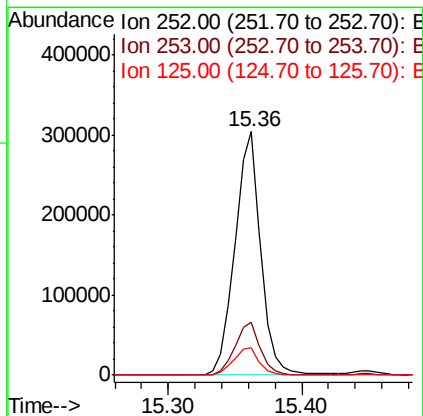
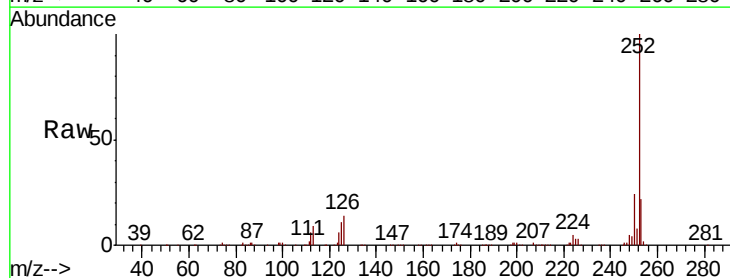
Instrument :
BNA_F
ClientSampleId :
ICVBF091319

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.4	26.2
125	9.9	8.8	13.2



#90
Benzo(a)pyrene
Concen: 37.492 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.6	25.0
125	11.3	8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 35.758 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF091319

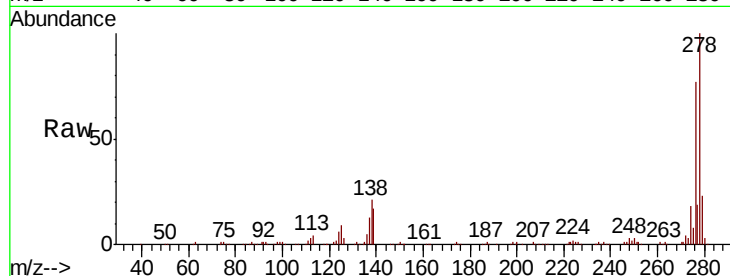
Tot Ion:278 Resp: 310703

Ion Ratio Lower Upper

278 100

139 16.7 13.5 20.3

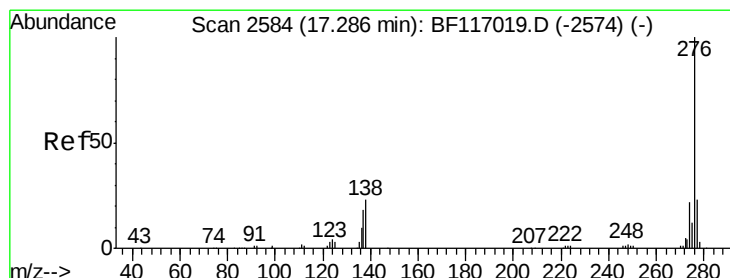
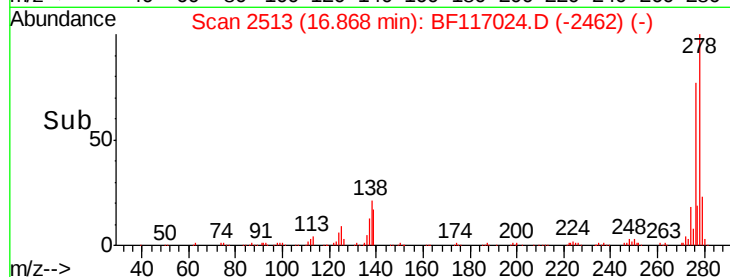
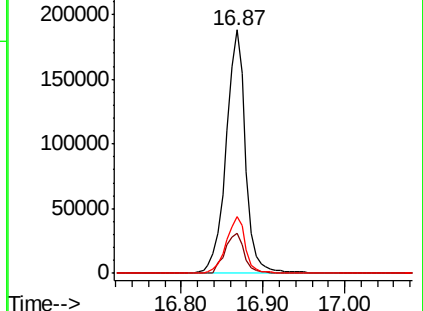
279 23.2 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.826 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

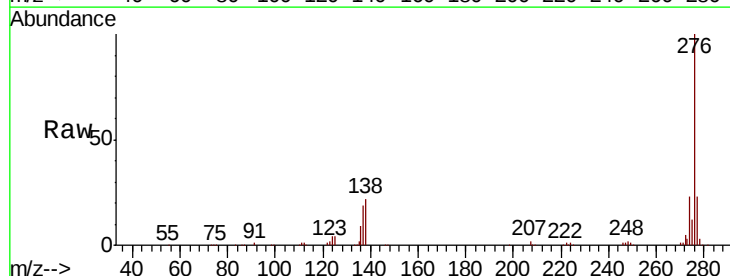
Tgt Ion:276 Resp: 301546

Ion Ratio Lower Upper

276 100

277 23.0 18.6 27.8

138 22.3 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

