

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 :

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

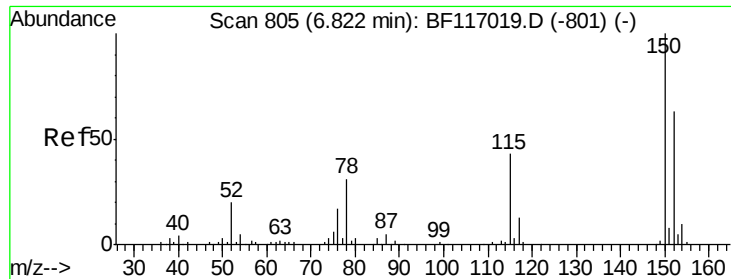
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117024.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	59979	36.520	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	110120	38.018	ng	99
44) 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

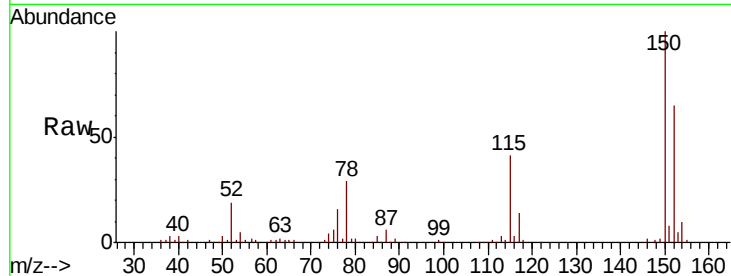


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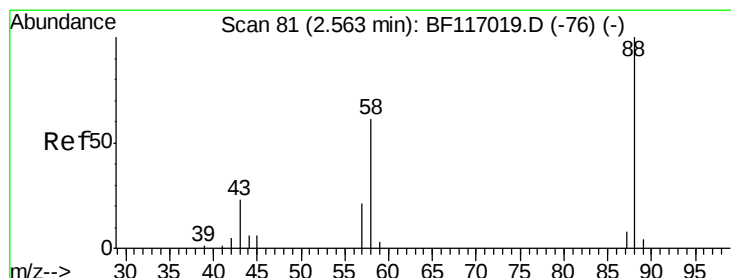
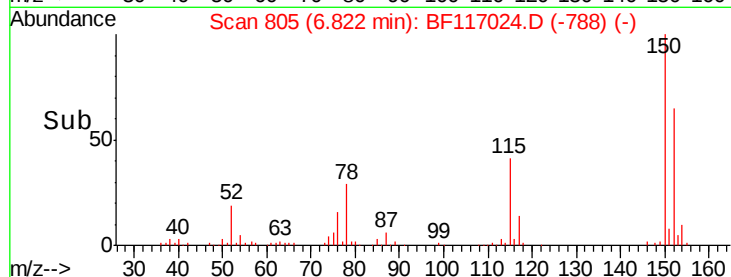
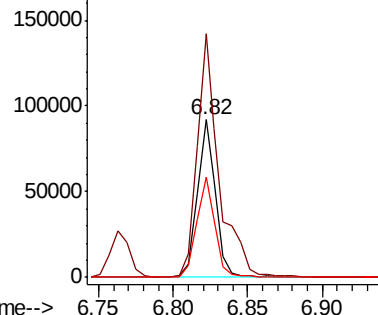
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :

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



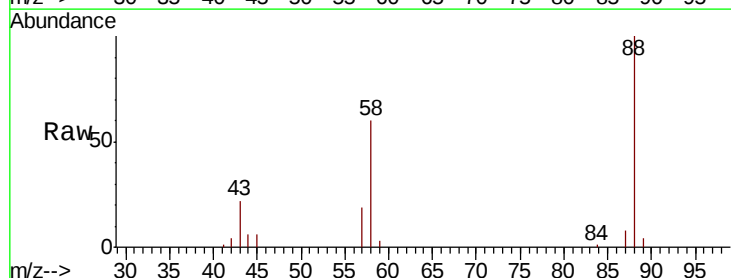
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



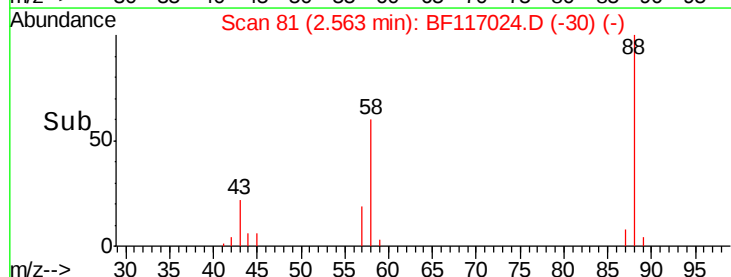
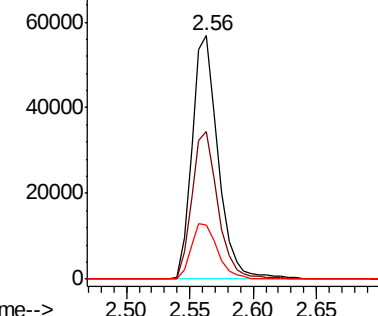
#2

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 :

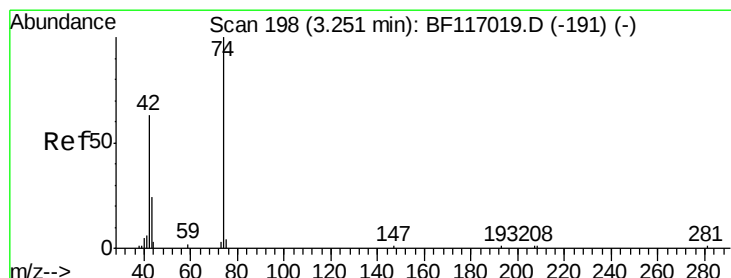
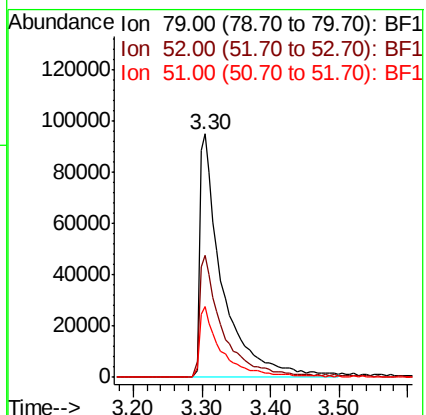
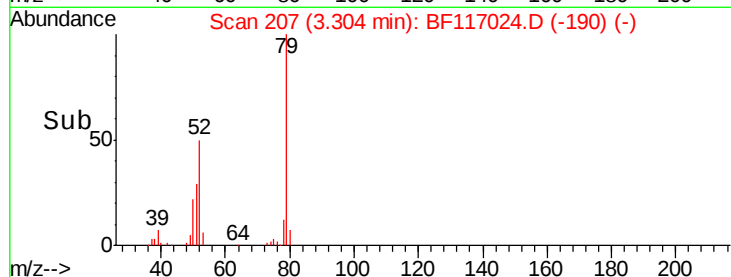
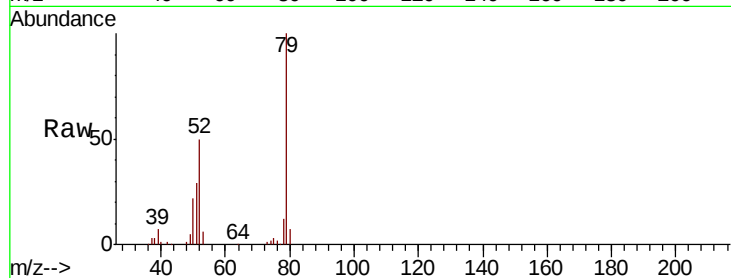
Tot Ion: 79 Resp: 219714

Ion Ratio Lower Upper

79 100

52 50.0 43.5 65.3

51 29.0 21.8 32.6



#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

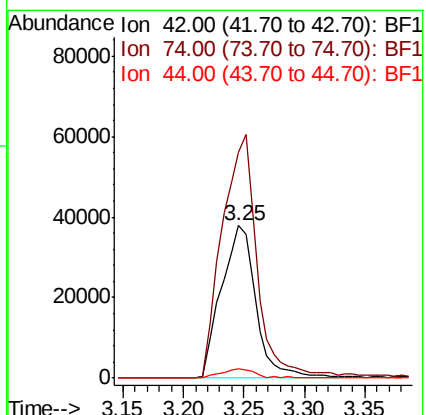
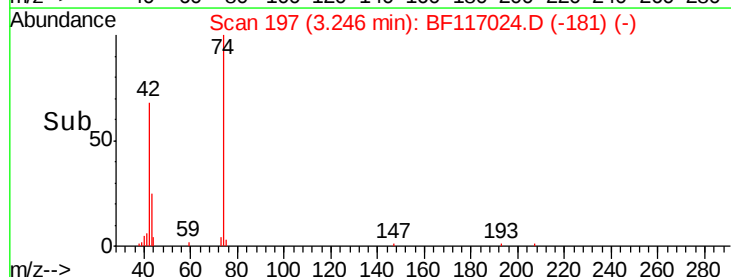
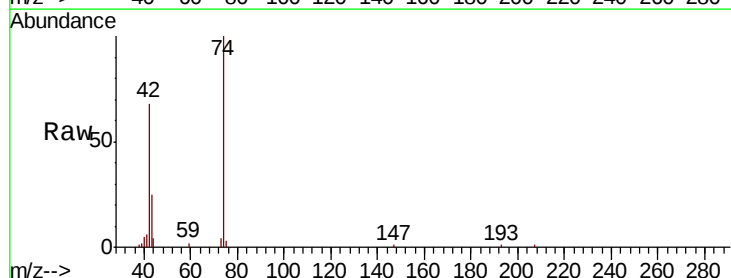
Tgt Ion: 42 Resp: 75589

Ion Ratio Lower Upper

42 100

74 148.0 127.1 190.7

44 5.9 4.3 6.5





#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 :

BNA_F

ClientSampled :

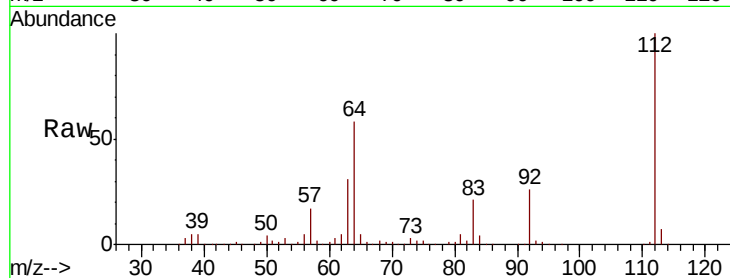
Tot Ion: 112 Resp: 386952

Ion Ratio Lower Upper

112 100

64 57.9 45.7 68.5

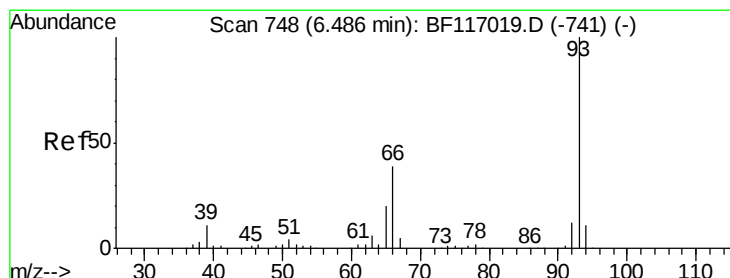
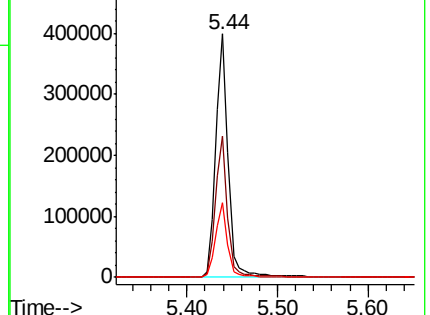
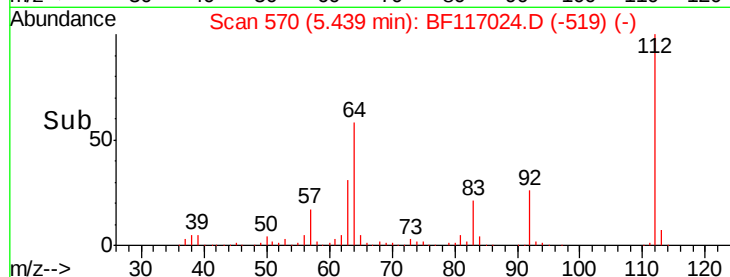
63 30.9 24.9 37.3



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

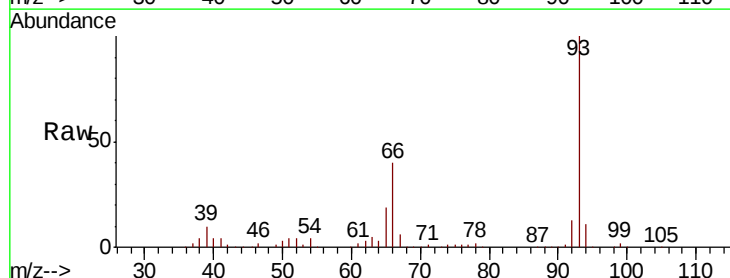
Tgt Ion: 93 Resp: 325693

Ion Ratio Lower Upper

93 100

66 39.8 32.6 49.0

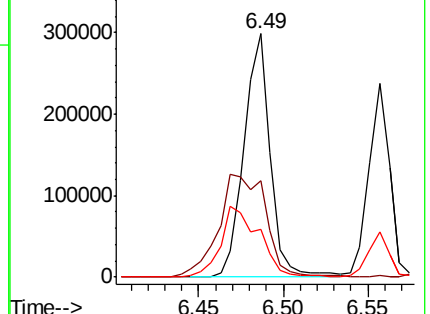
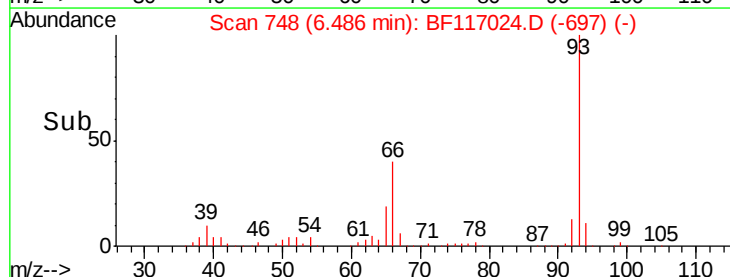
65 19.4 16.7 25.1

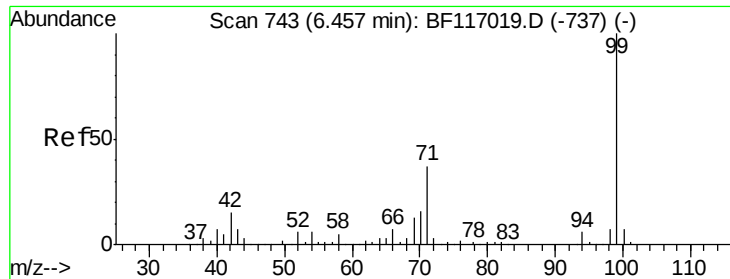


Abundance Ion 93.00 (92.70 to 93.70): BF1

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

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampled :

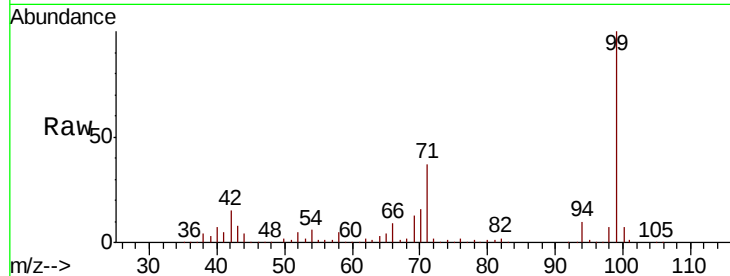
Tot Ion: 99 Resp: 501736

Ion Ratio Lower Upper

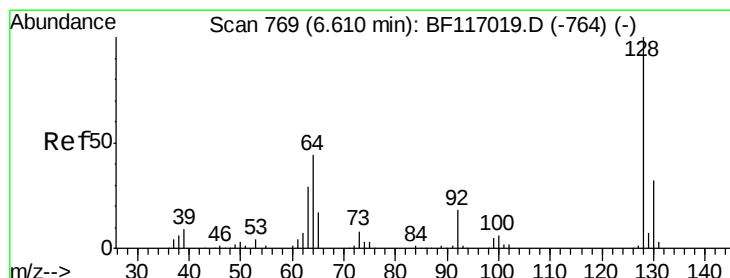
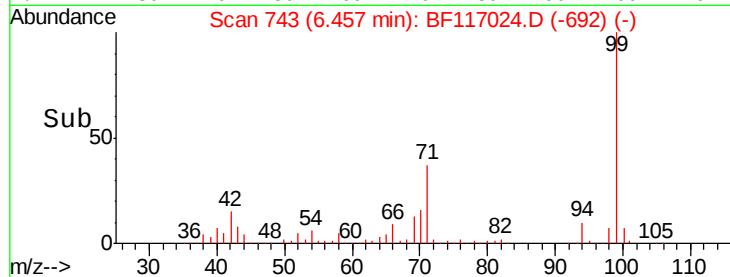
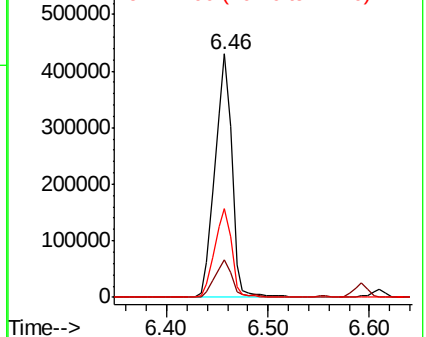
99 100

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

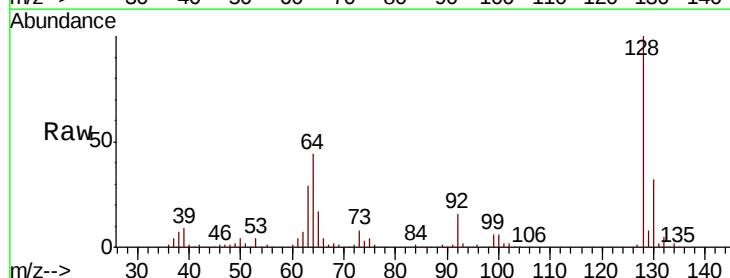
Tgt Ion: 128 Resp: 208777

Ion Ratio Lower Upper

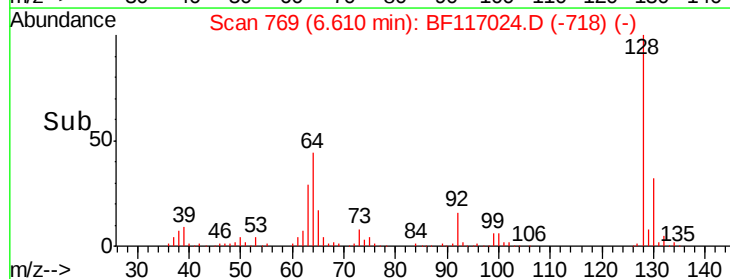
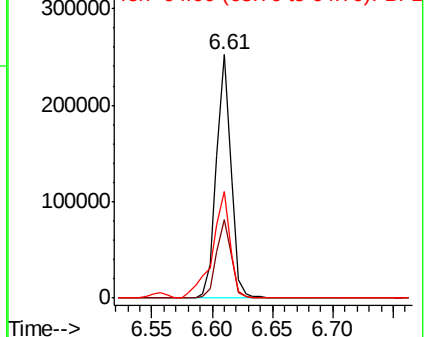
128 100

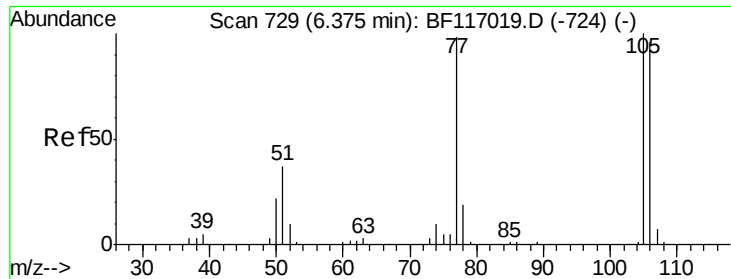
130 32.1 11.8 51.8

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

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

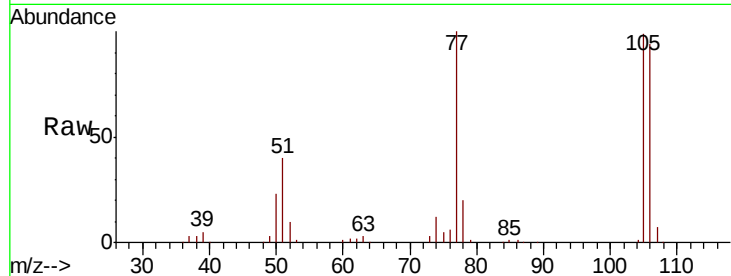
Tot Ion: 77 Resp: 136677

Ion Ratio Lower Upper

77 100

105 98.6 81.8 121.8

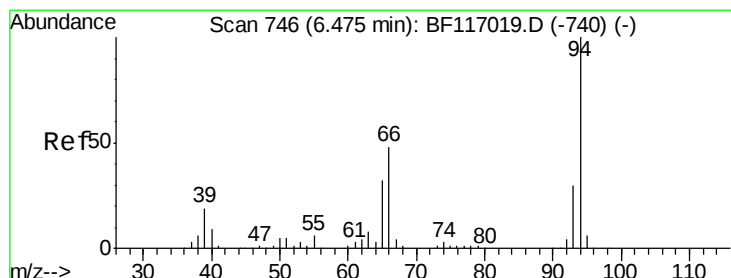
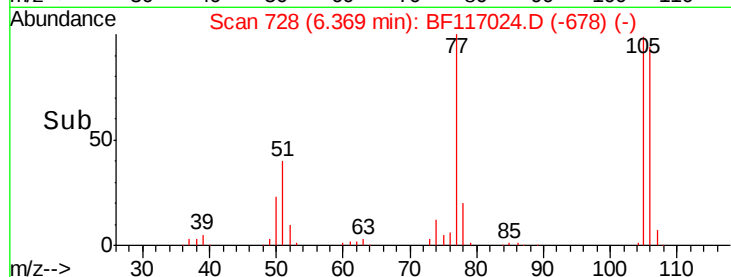
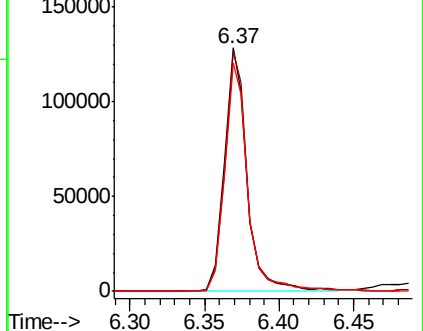
106 93.6 77.3 117.3



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

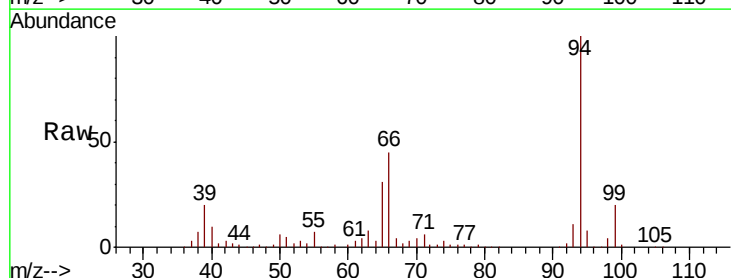
Tgt Ion: 94 Resp: 276824

Ion Ratio Lower Upper

94 100

65 30.9 12.5 52.5

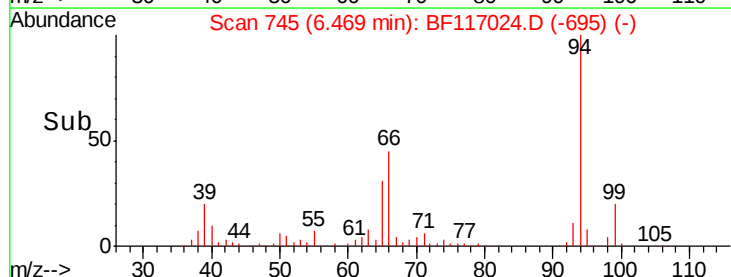
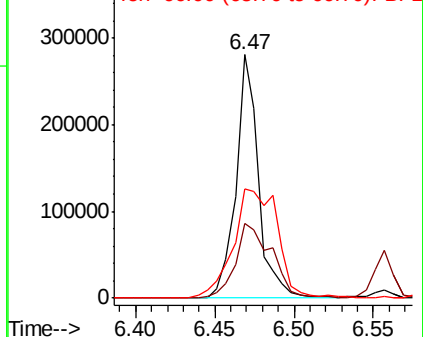
66 45.0 28.9 68.9



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

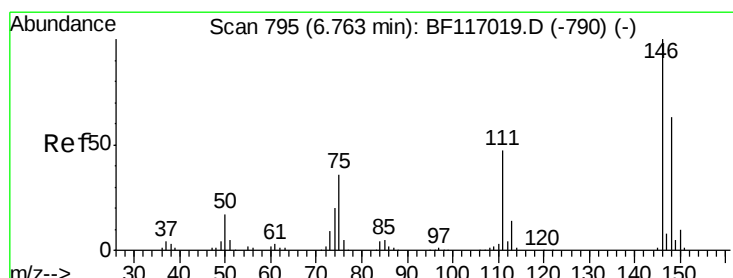
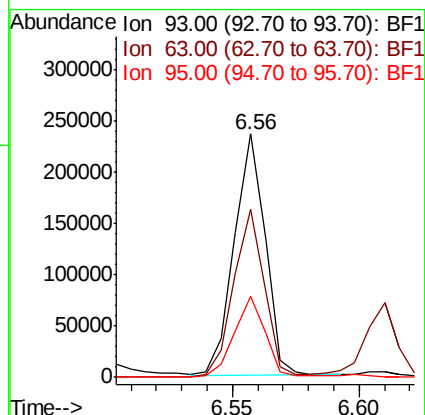
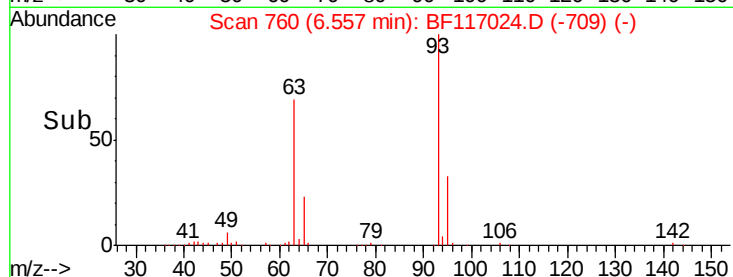
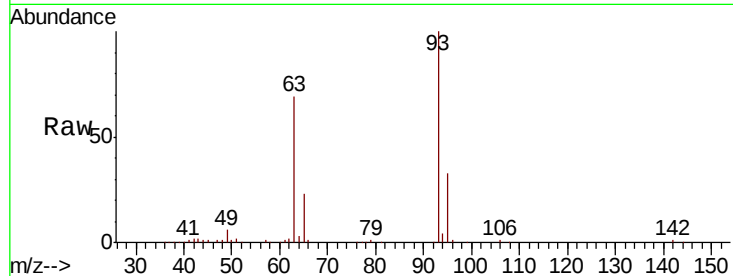




#11
bis(2-Chloroethyl)ether
Concen: 37.447 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

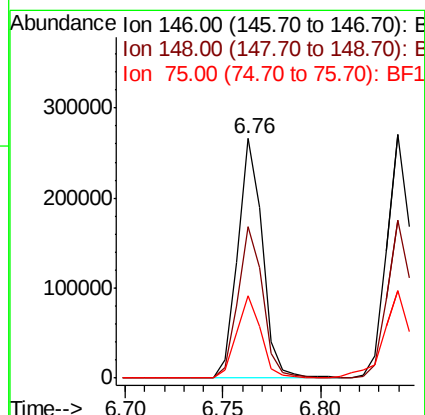
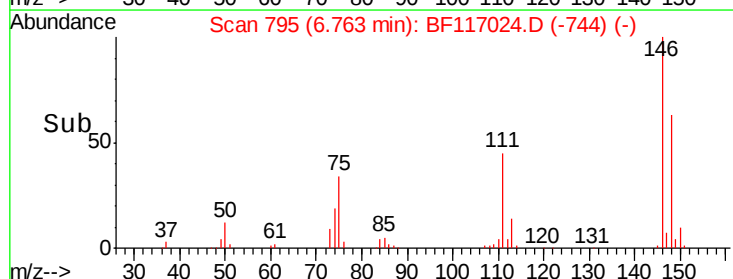
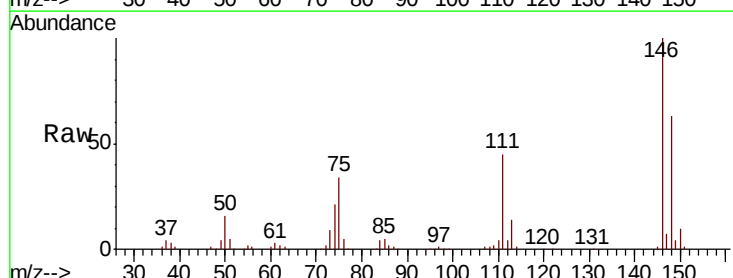
Instrument :
BNA_F
ClientSampleId :

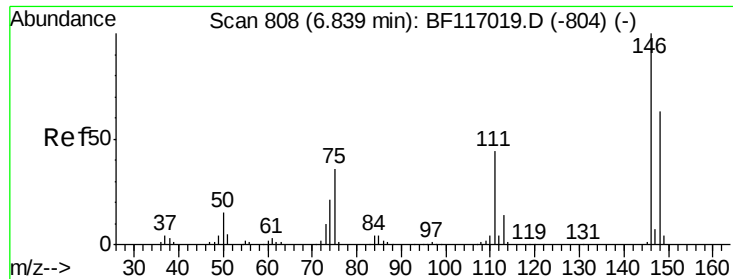
Tot Ion: 93 Resp: 199204
Ion Ratio Lower Upper
93 100
63 68.8 49.3 89.3
95 33.0 11.5 51.5



#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

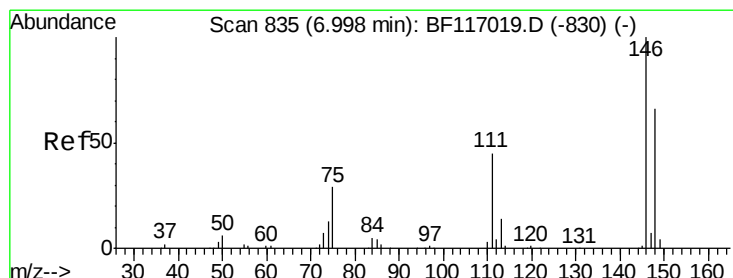
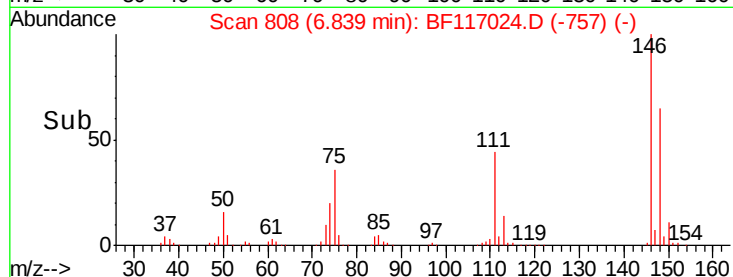
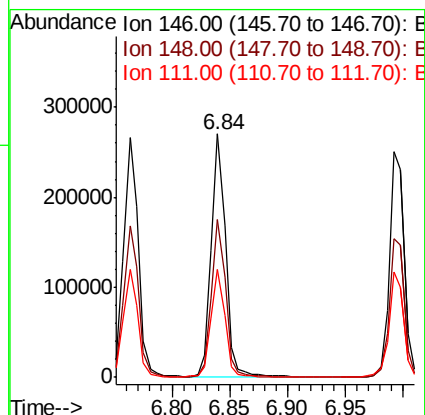
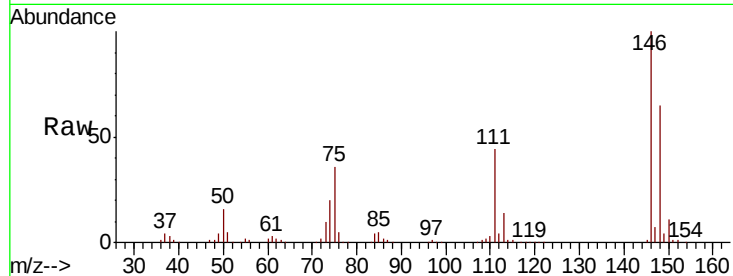




#13
 1,4-Dichlorobenzene
 Concen: 37.745 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

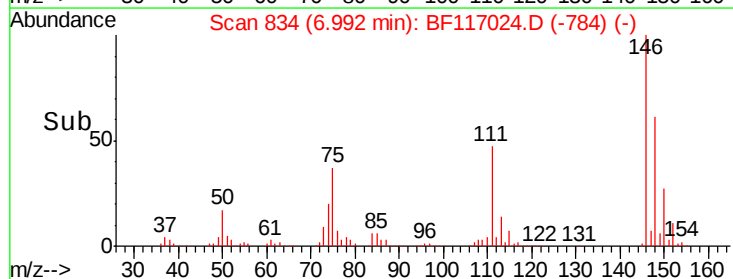
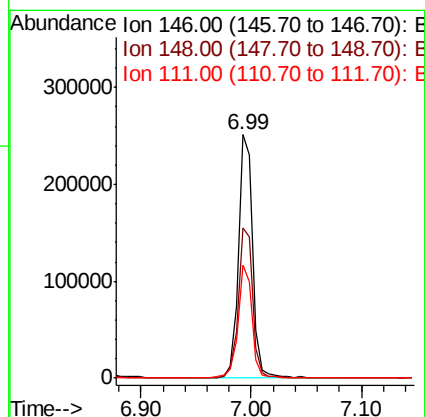
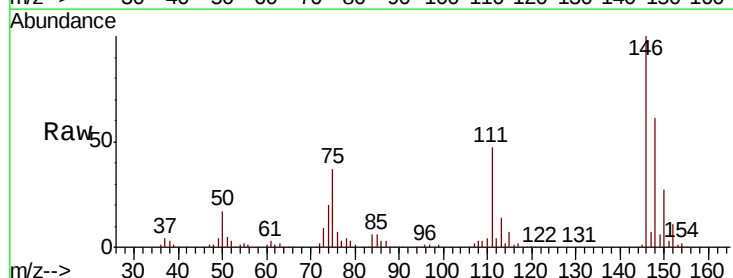
Instrument :
 BNA_F
 ClientSampleId :

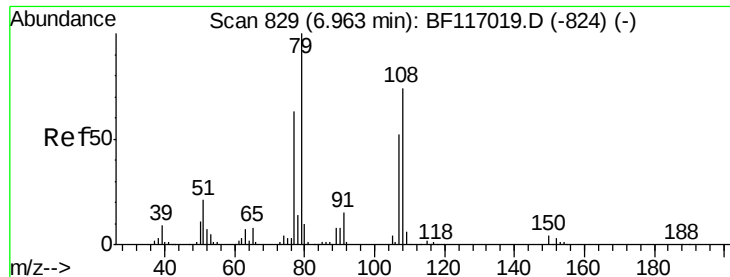
Tot Ion:146 Resp: 236889
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 76.0
 111 44.3 35.0 52.6



#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:146 Resp: 227773
 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

ClientSampled :

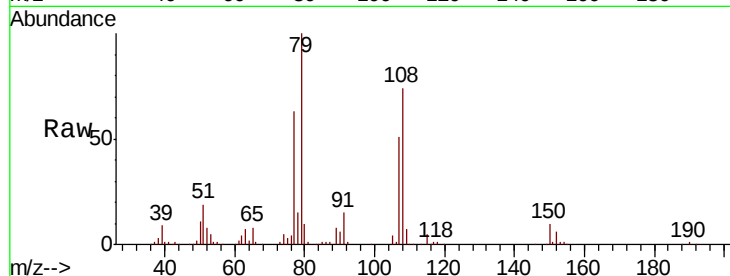
Tot Ion: 79 Resp: 194352

Ion Ratio Lower Upper

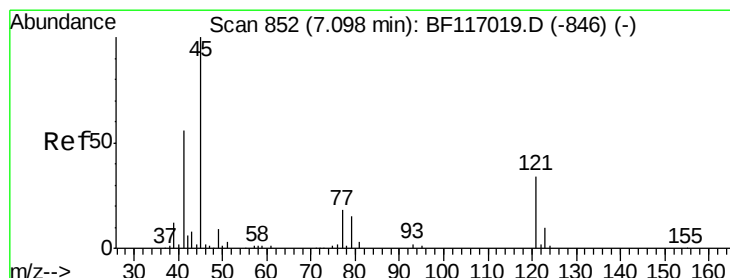
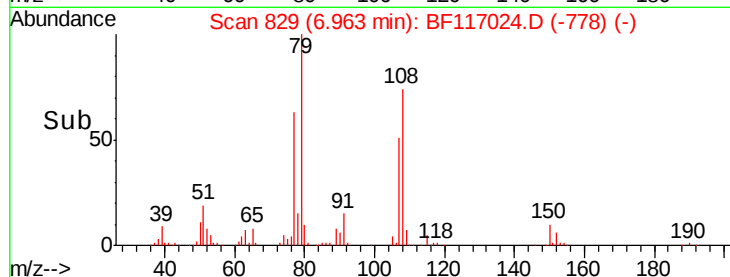
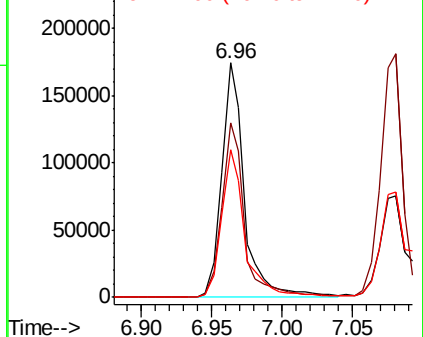
79 100

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

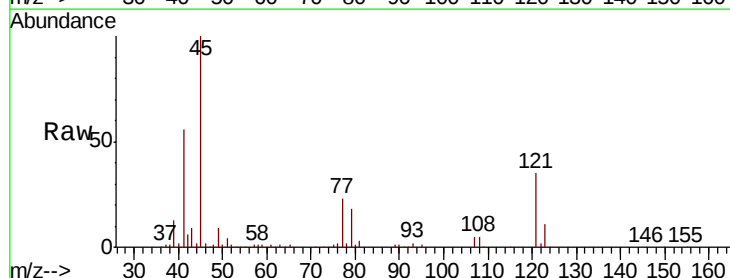
Tgt Ion: 45 Resp: 199699

Ion Ratio Lower Upper

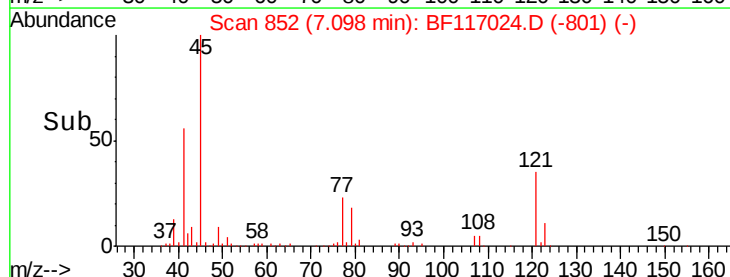
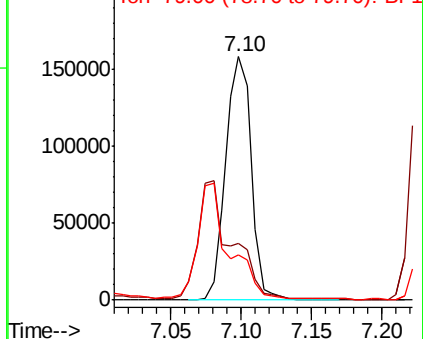
45 100

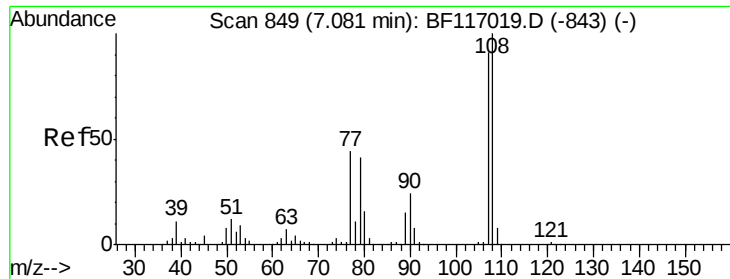
77 23.0 2.7 42.7

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

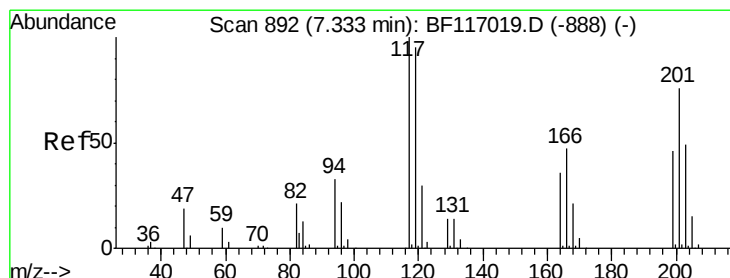
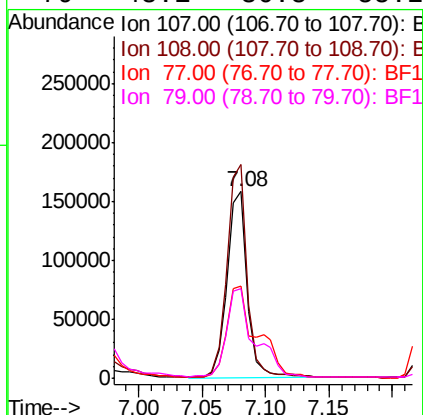
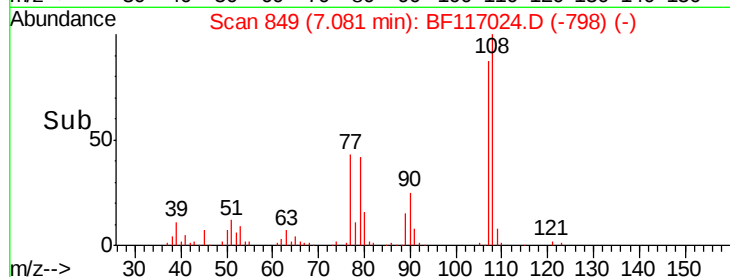
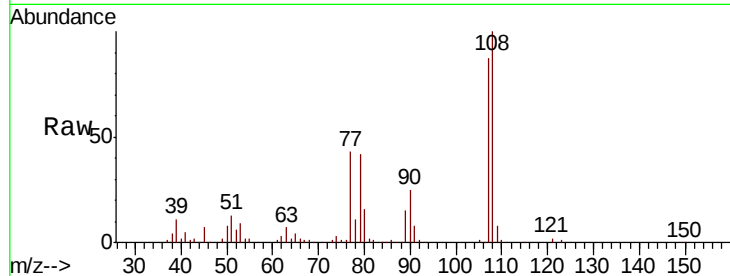




#17
2-Methylphenol
Concen: 37.875 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

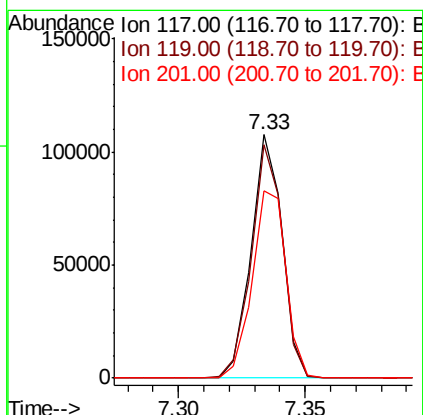
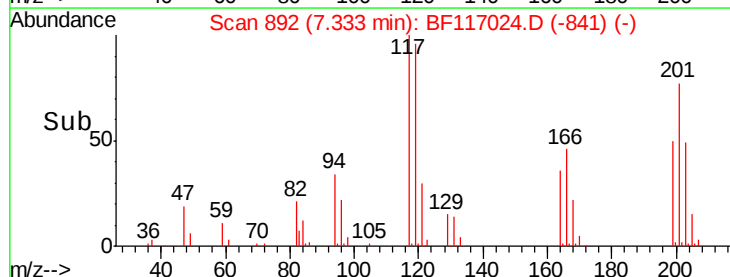
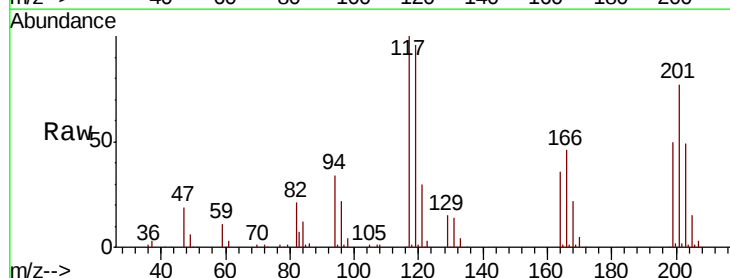
Instrument :
BNA_F
ClientSampleId :

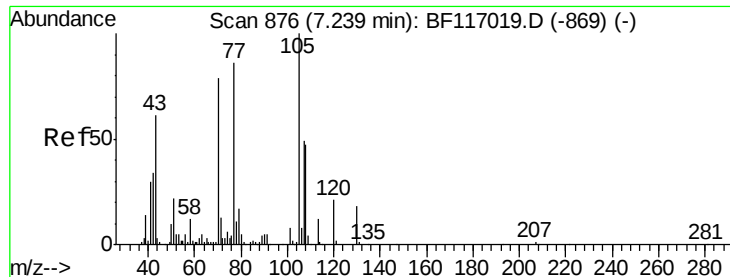
Tot Ion:107 Resp: 173968
Ion Ratio Lower Upper
107 100
108 114.7 87.7 131.5
77 49.4 38.6 58.0
79 48.1 36.8 55.2



#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 :

Tot Ion: 70 Resp: 149722

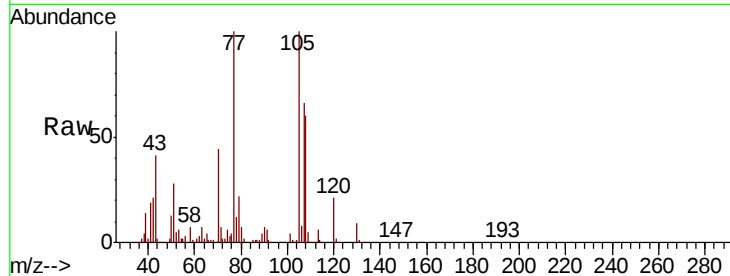
Ion Ratio Lower Upper

70 100

42 47.8 34.0 51.0

101 9.5 7.8 11.6

130 19.5 17.8 26.8

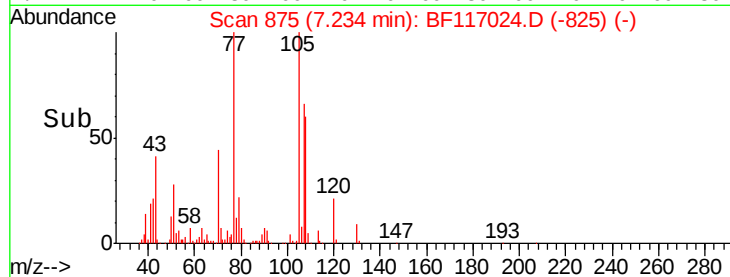
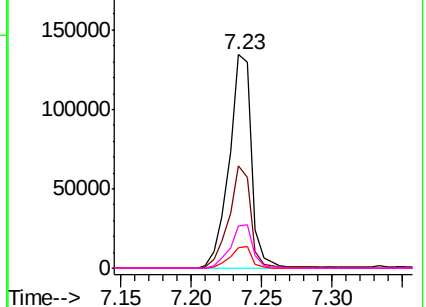


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 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

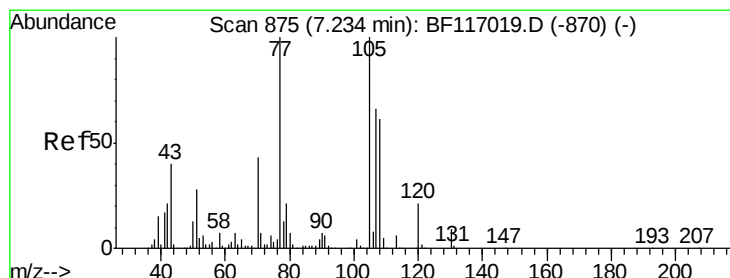
Ion Ratio Lower Upper

107 100

108 91.7 72.6 112.6

77 152.4 132.1 172.1

79 33.8 12.1 52.1

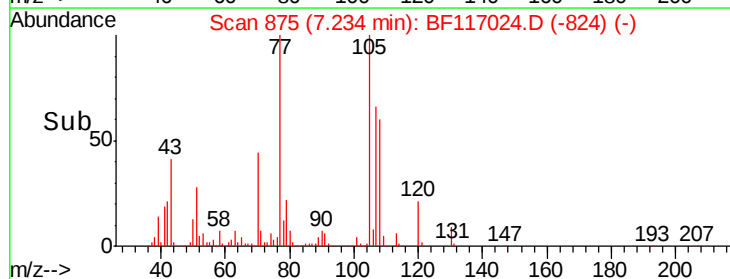
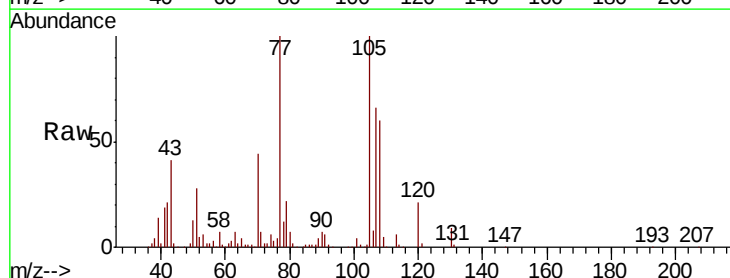
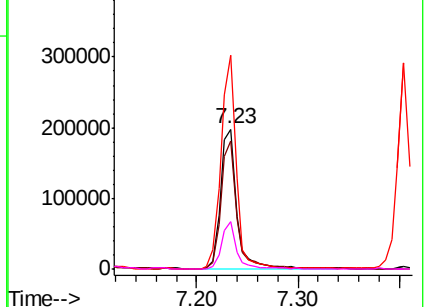


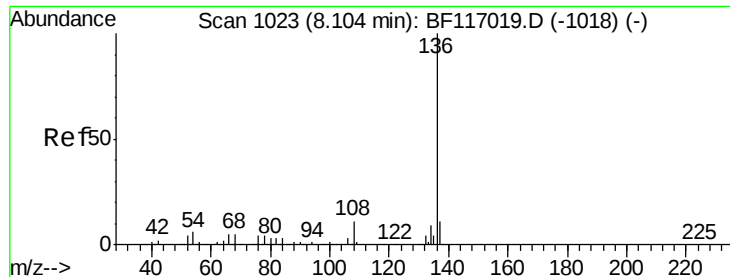
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 327426

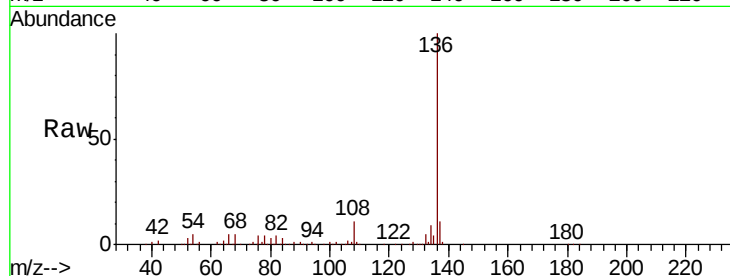
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.5 4.5 6.7

68 5.0 4.0 6.0

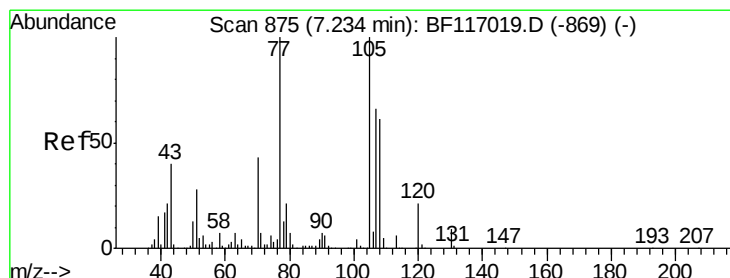
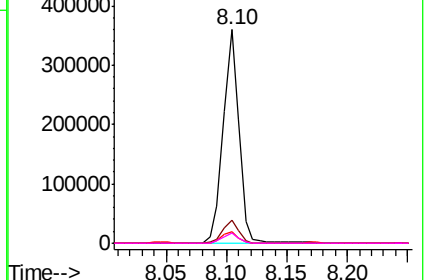
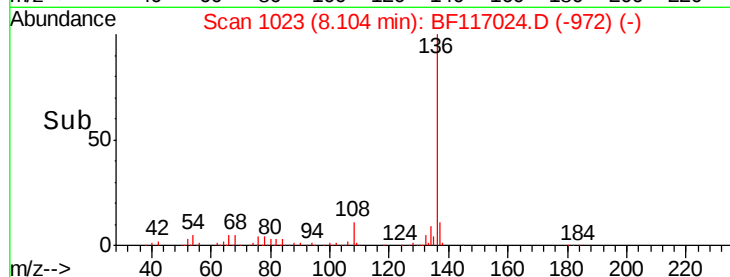


Abundance Ion 136.00 (135.70 to 136.70): E

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

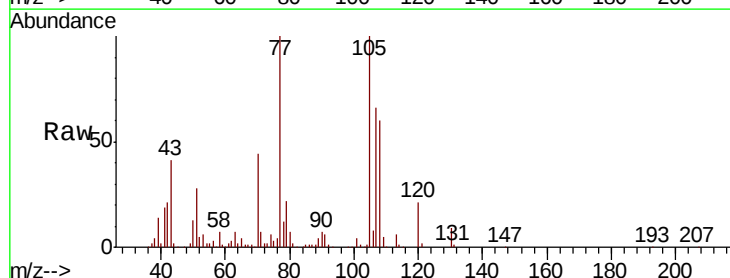
Ion Ratio Lower Upper

105 100

71 7.3 5.7 8.5

51 28.4 22.1 33.1

120 21.3 17.1 25.7

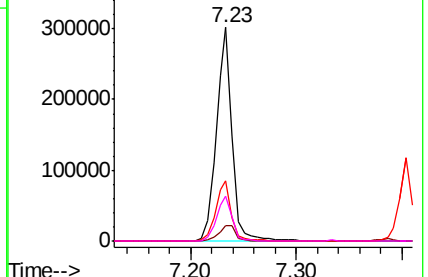
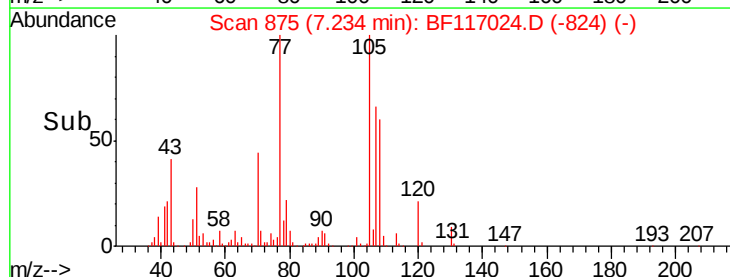


Abundance Ion 105.00 (104.70 to 105.70): E

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

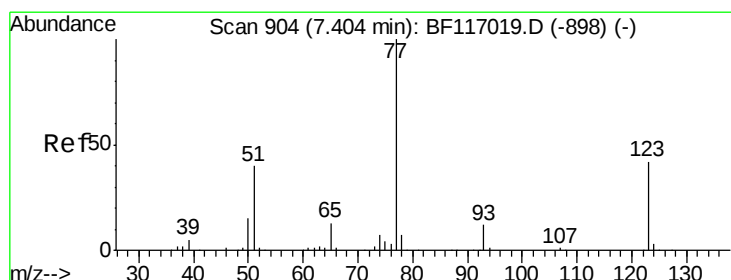
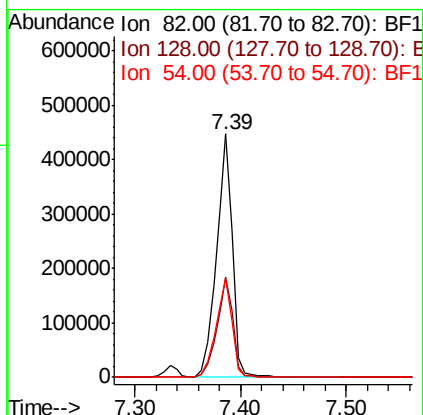
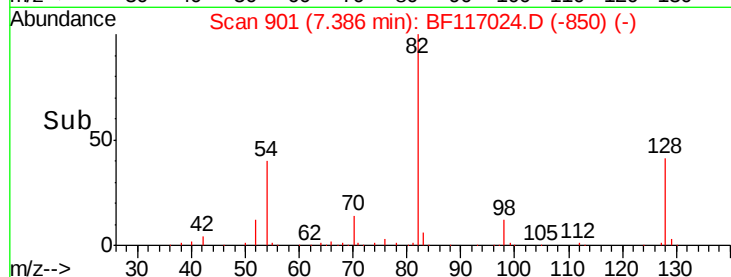
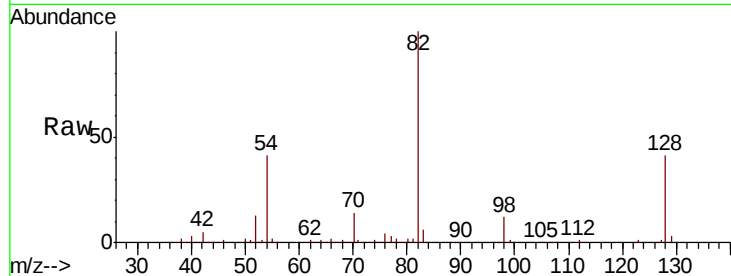




#23
 Nitrobenzene-d5
 Concen: 76.608 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

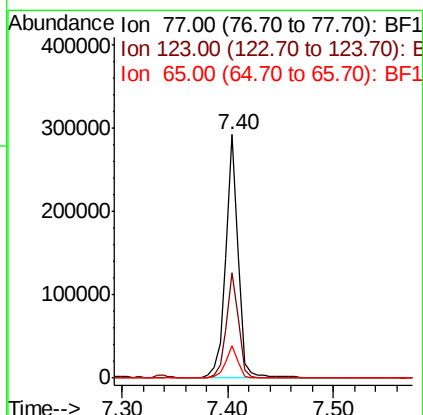
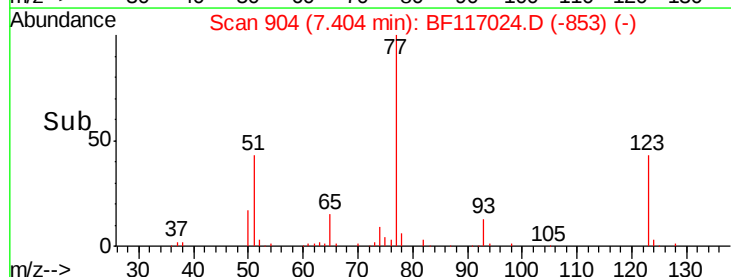
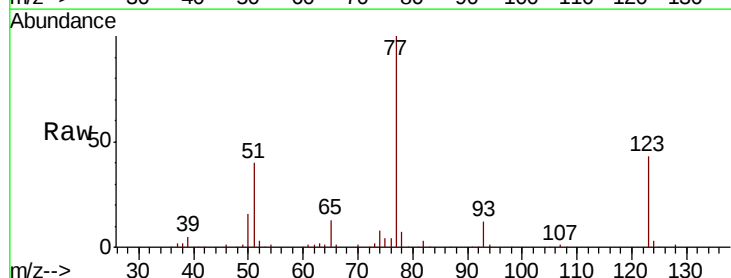
Instrument :
 BNA_F
 ClientSampled :

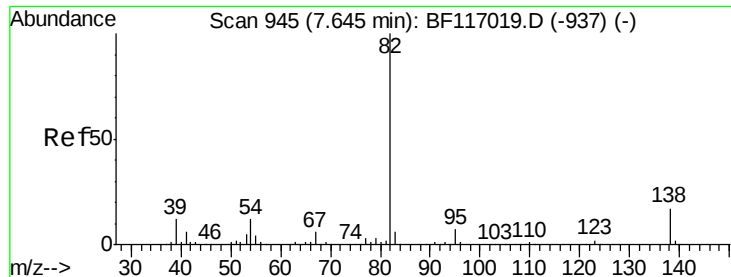
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.3	48.5
54	40.8	33.3	49.9



#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
ClientSampled :

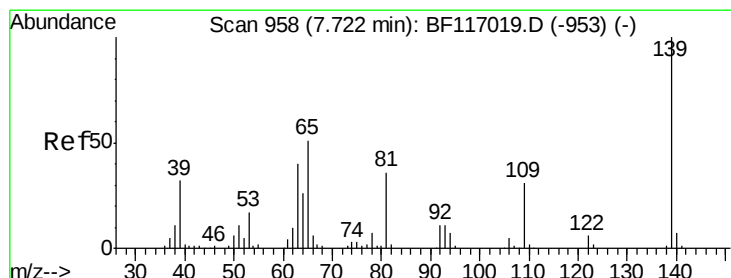
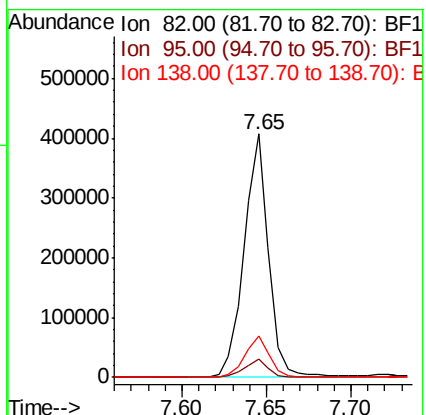
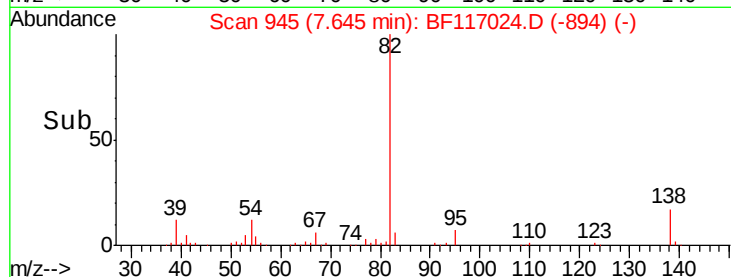
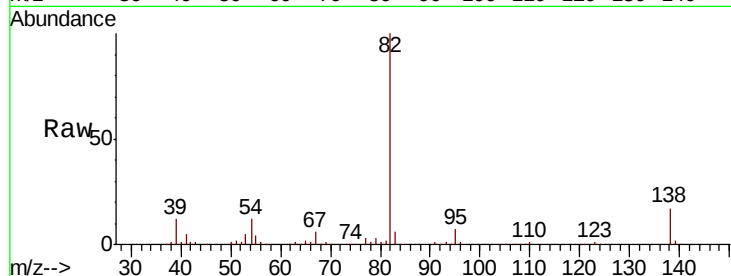
Tot Ion: 82 Resp: 411790

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 17.0 13.5 20.3



#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

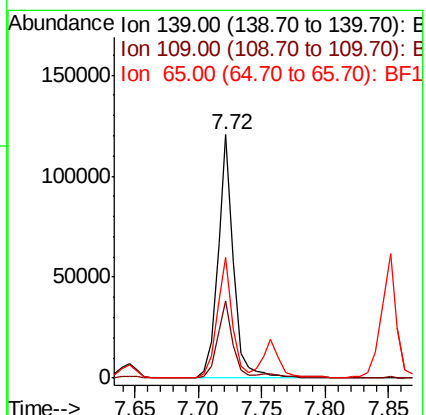
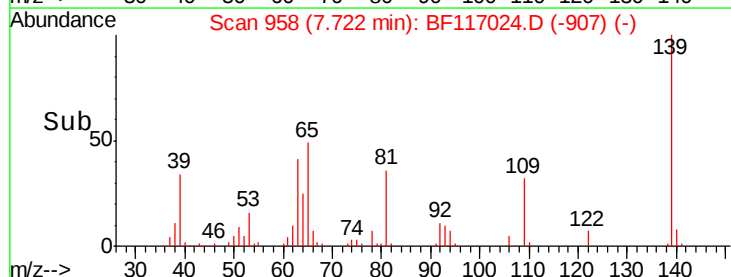
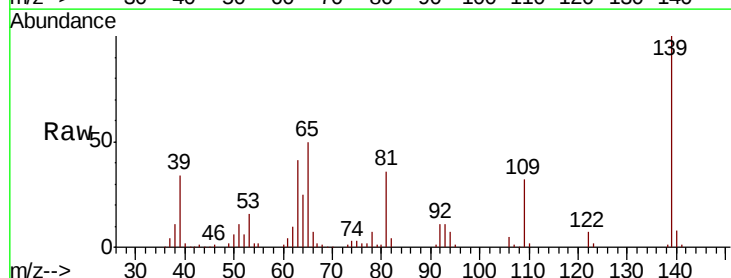
Tgt Ion: 139 Resp: 105372

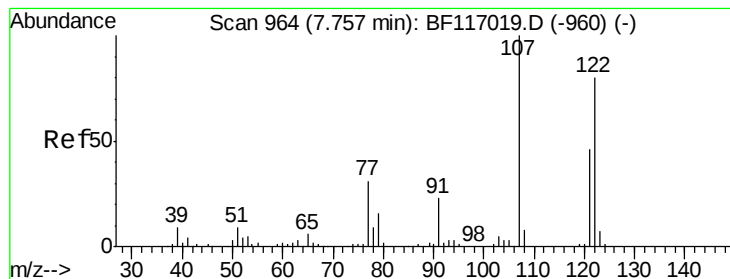
Ion Ratio Lower Upper

139 100

109 31.9 24.6 36.8

65 49.6 40.9 61.3





#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 :

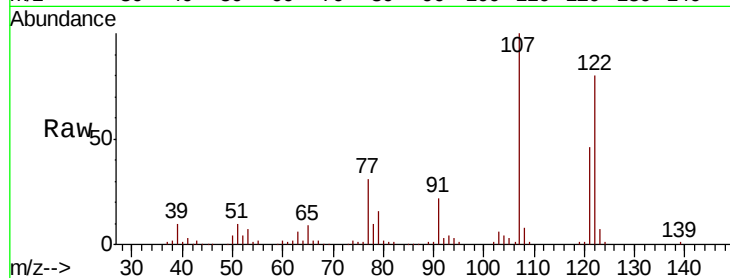
Tot Ion:122 Resp: 157642

Ion Ratio Lower Upper

122 100

107 125.1 98.9 148.3

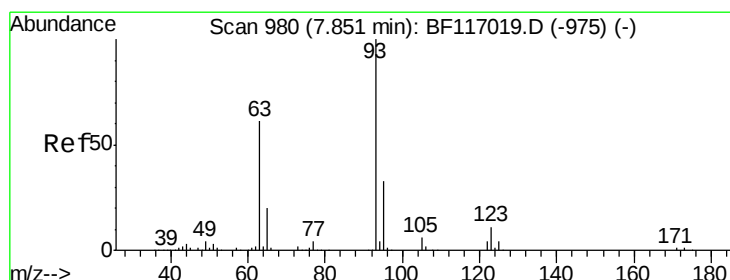
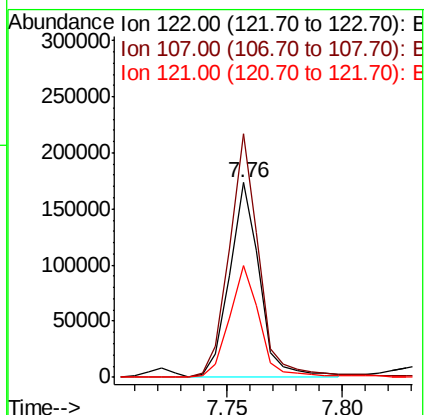
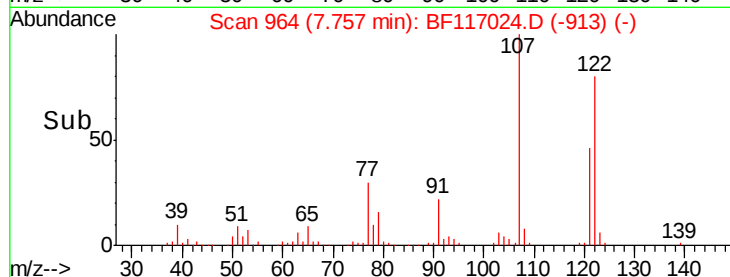
121 57.3 45.3 67.9



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

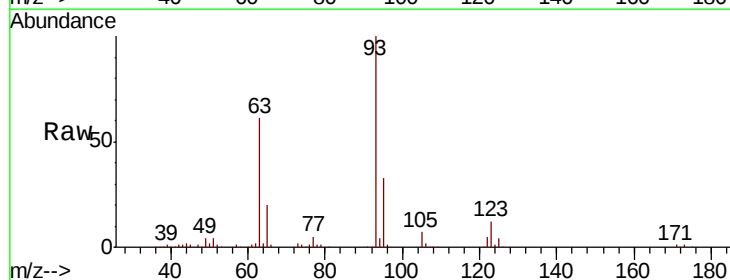
Tgt Ion: 93 Resp: 256251

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

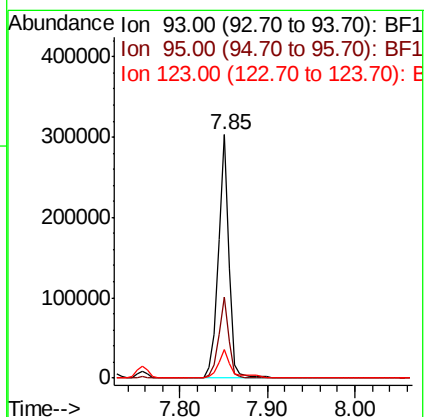
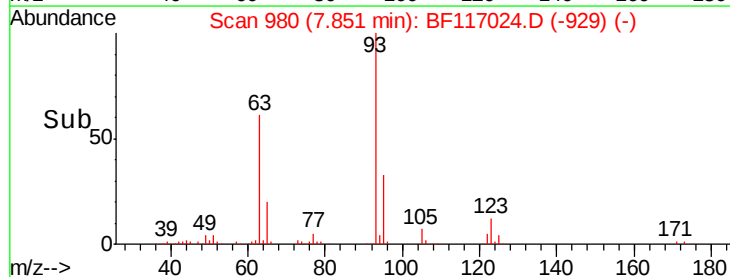
123 11.9 9.0 13.6

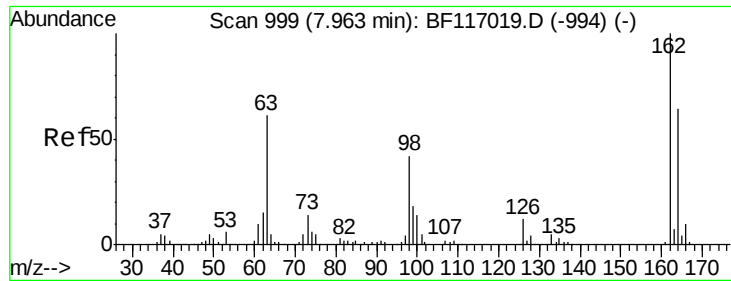


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

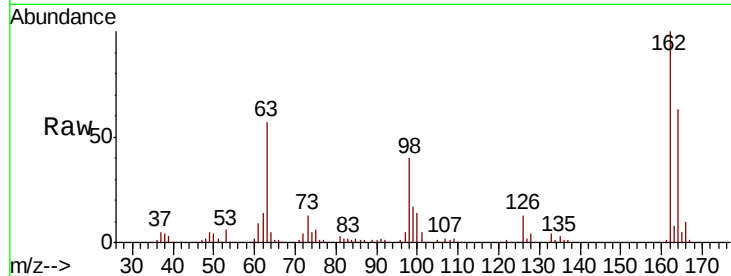




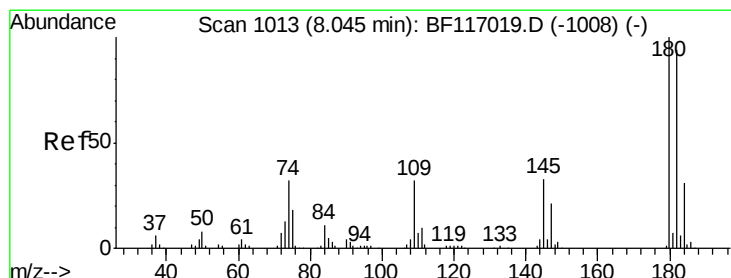
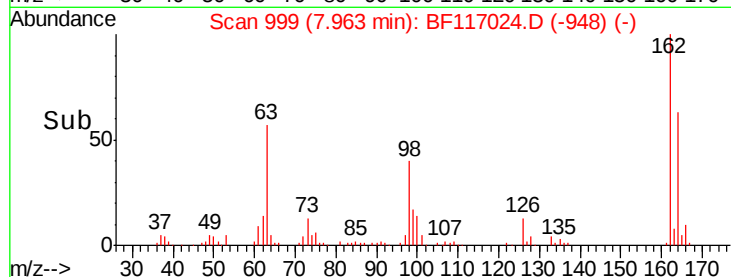
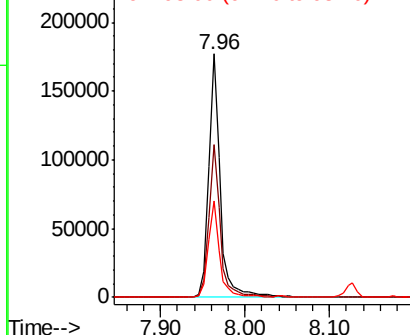
#29
2,4-Dichlorophenol
Concen: 38.674 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :

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

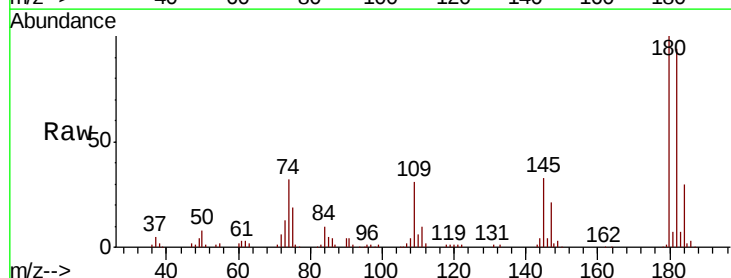


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

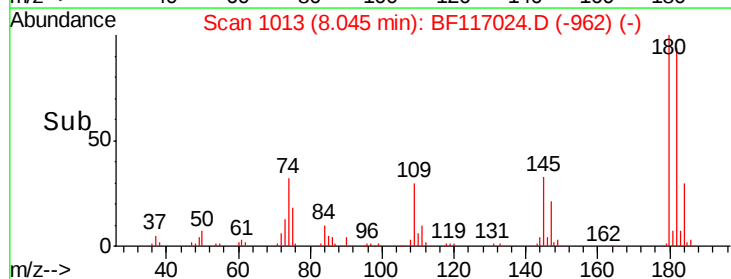
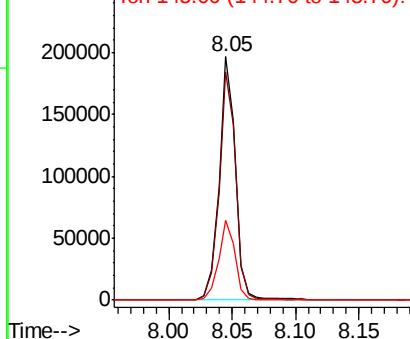


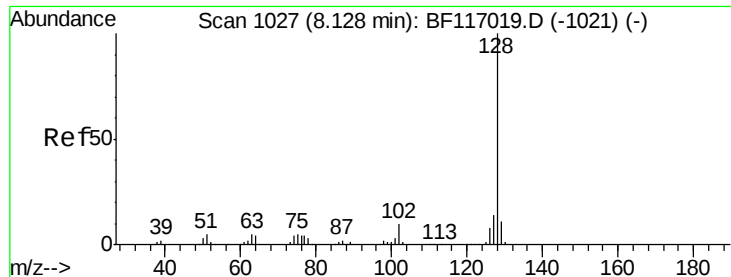
#30
1,2,4-Trichlorobenzene
Concen: 37.540 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

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

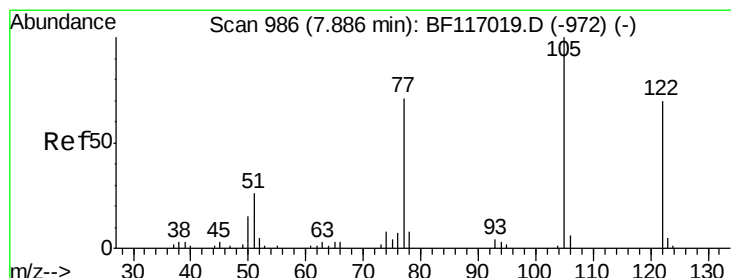
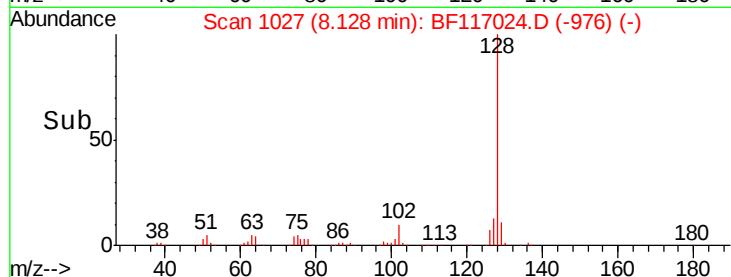
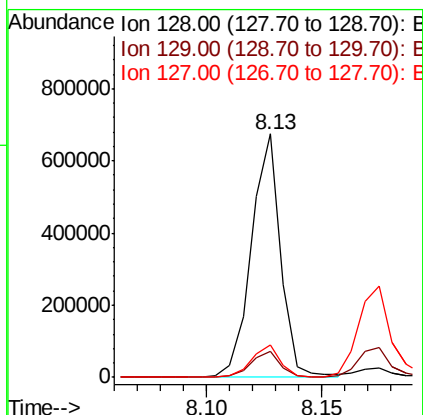
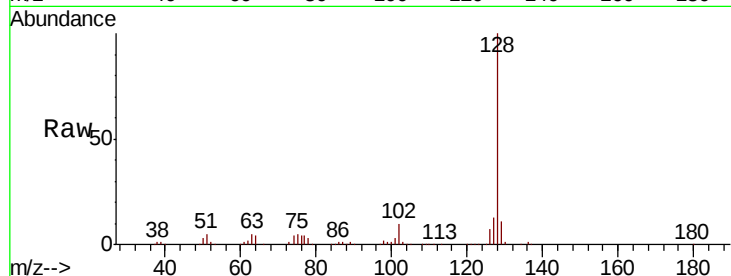




#31
Naphthalene
Concen: 37.978 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

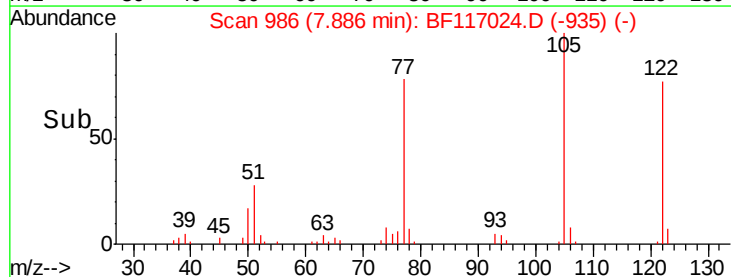
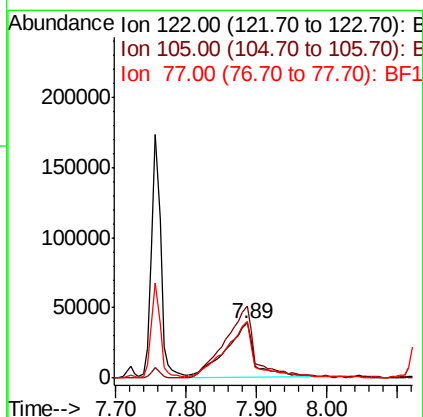
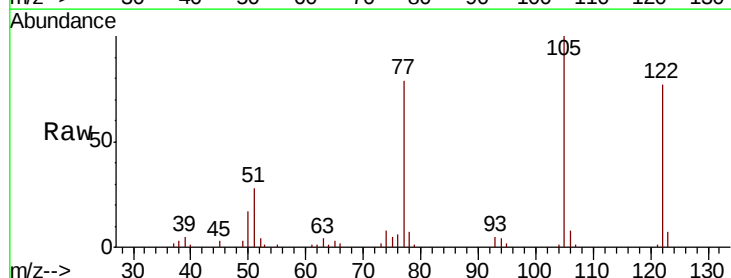
Instrument :
BNA_F
ClientSampleId :

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

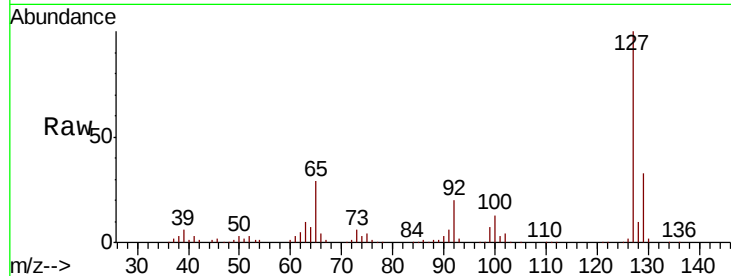




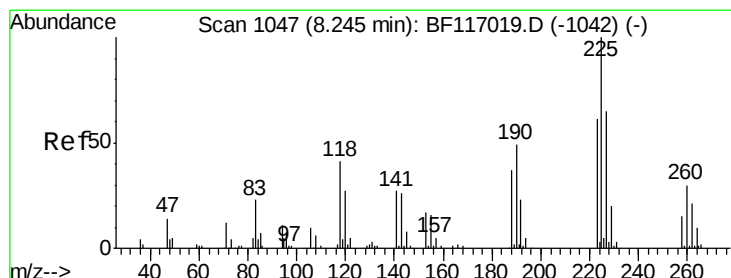
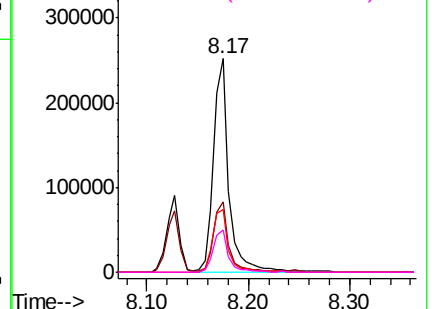
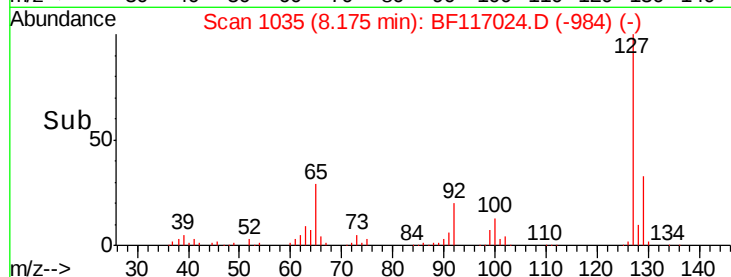
#33
4-Chloroaniline
Concen: 37.935 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :

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

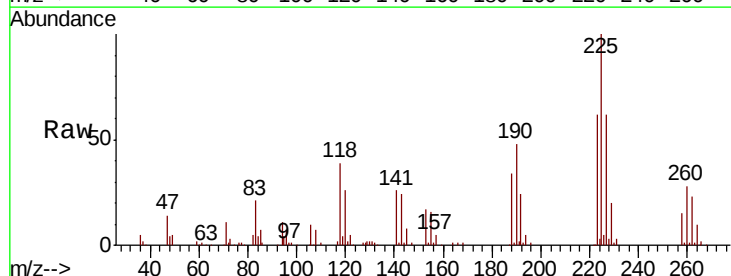


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

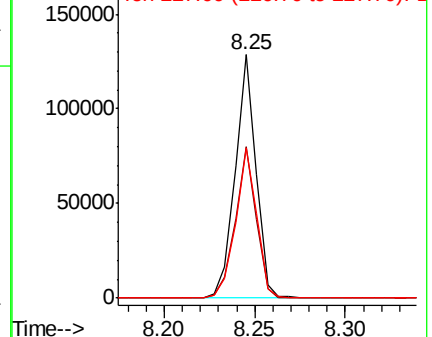
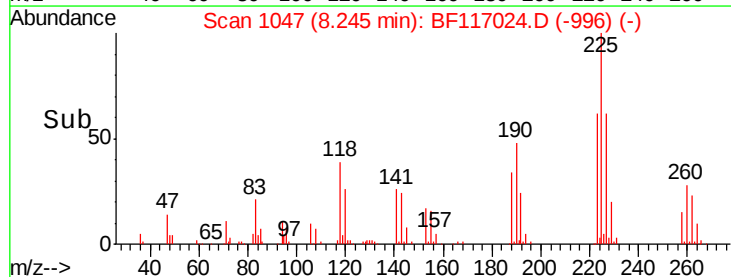


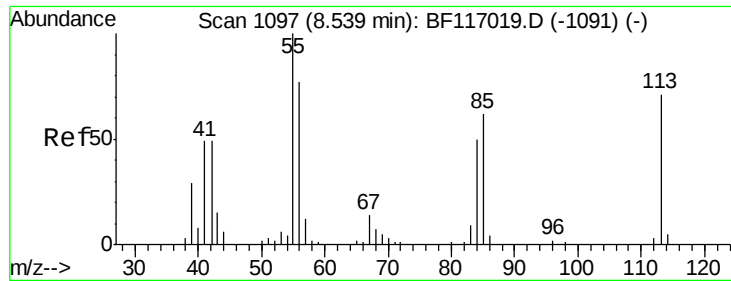
#34
Hexachlorobutadiene
Concen: 38.307 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

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

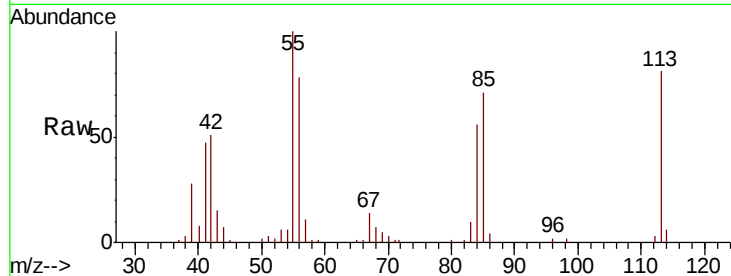




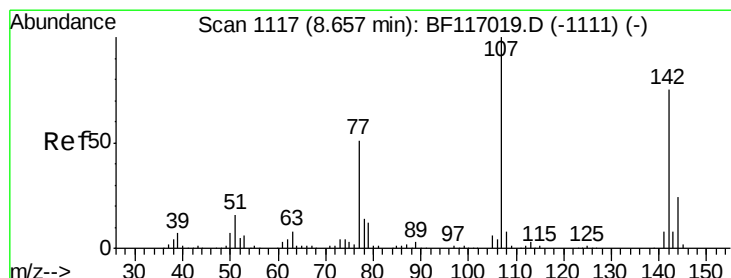
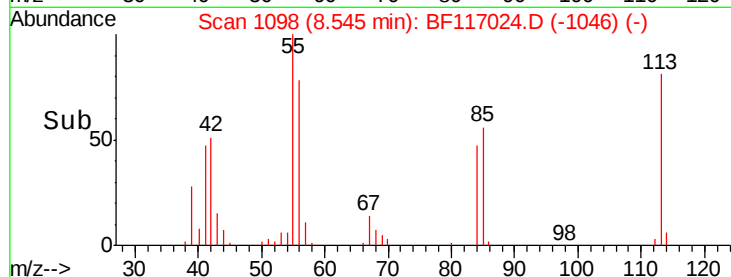
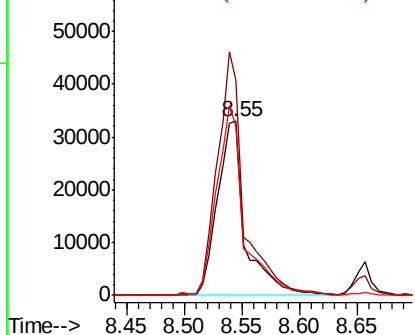
#35
 Caprolactam
 Concen: 36.995 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

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

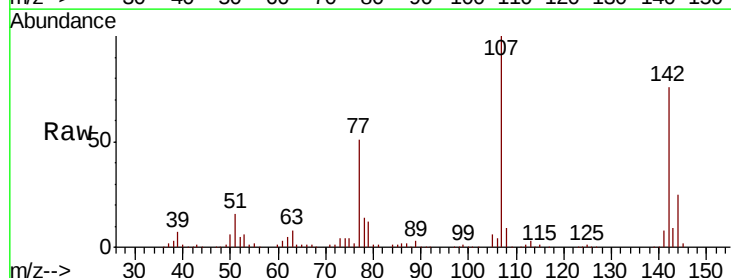


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

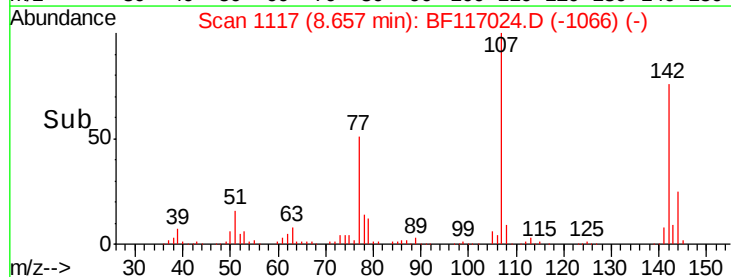
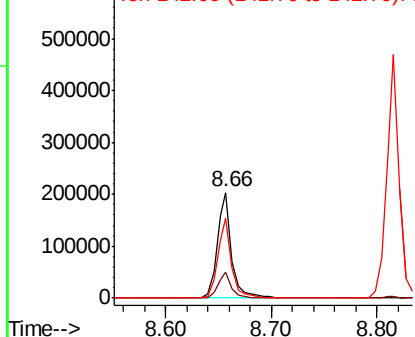


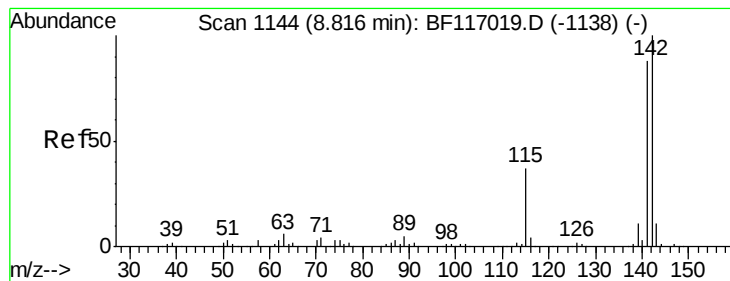
#36
 4-Chloro-3-methylphenol
 Concen: 38.080 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

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 :

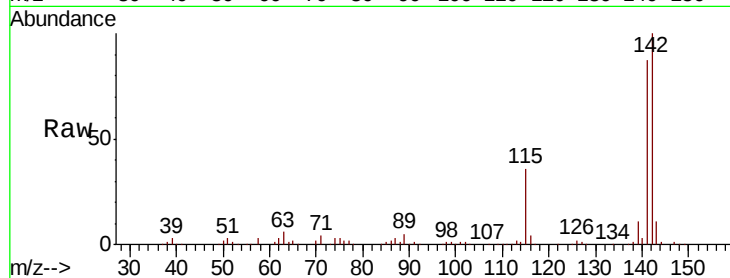
Tot Ion:142 Resp: 401120

Ion Ratio Lower Upper

142 100

141 87.3 70.7 106.1

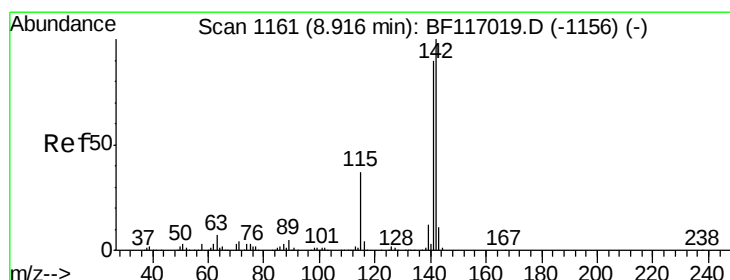
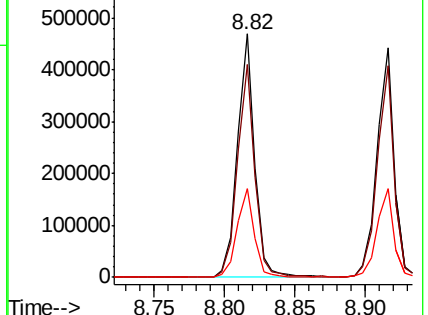
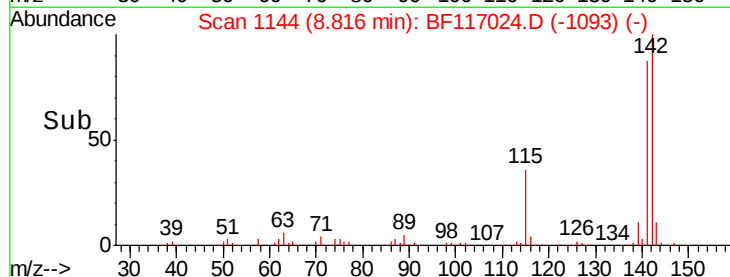
115 36.2 29.4 44.0



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

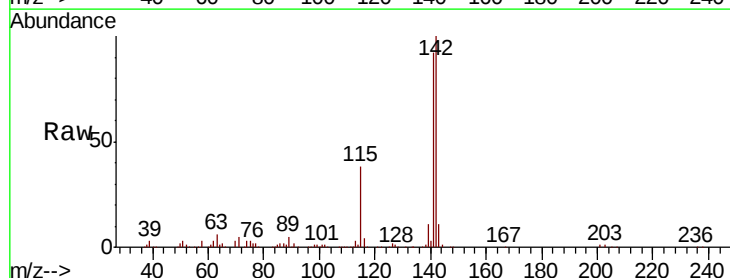
Tgt Ion:142 Resp: 373305

Ion Ratio Lower Upper

142 100

141 91.9 71.9 107.9

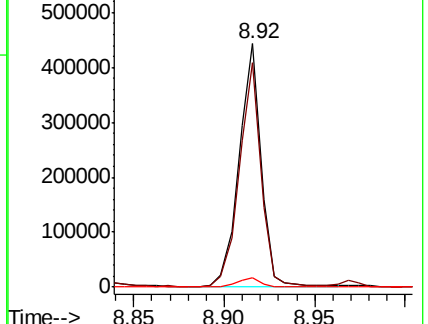
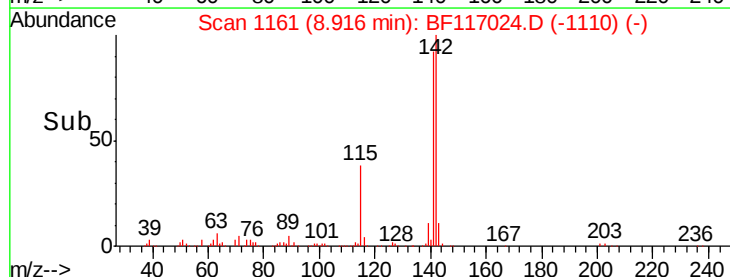
116 3.8 3.2 4.8

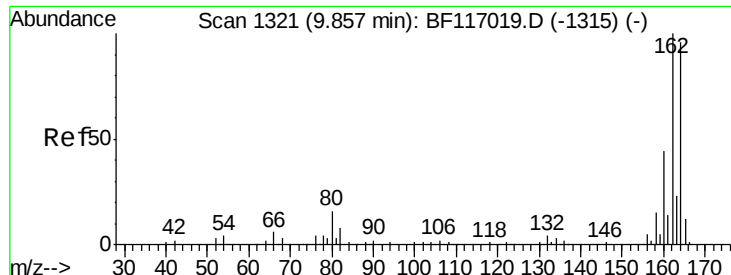


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

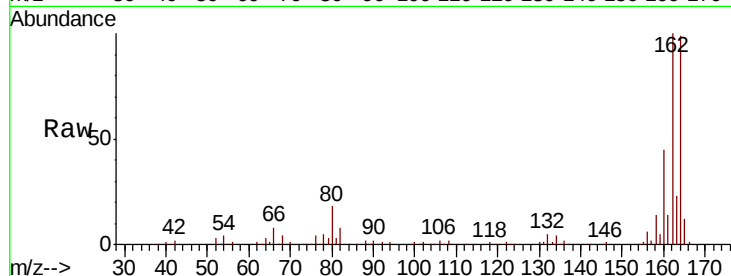




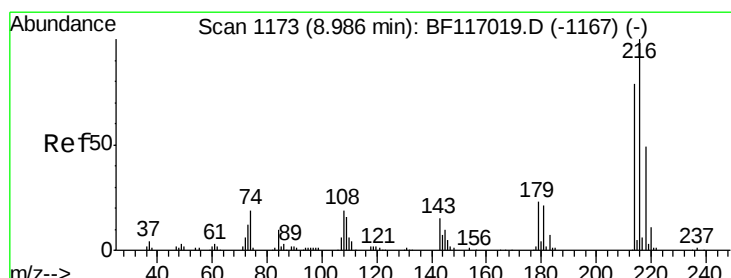
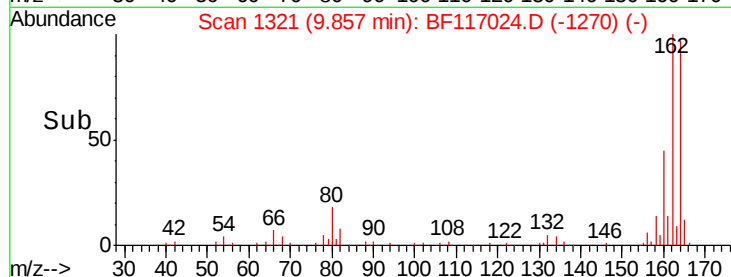
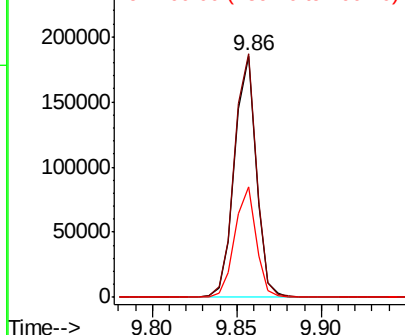
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :

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

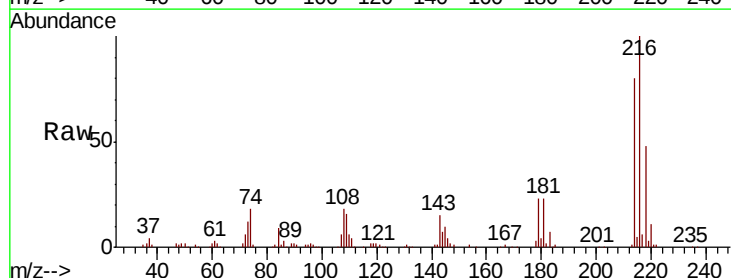


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

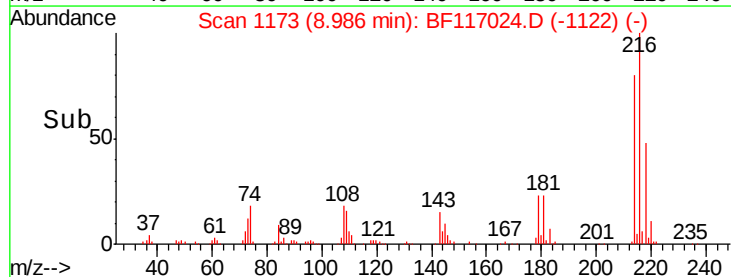
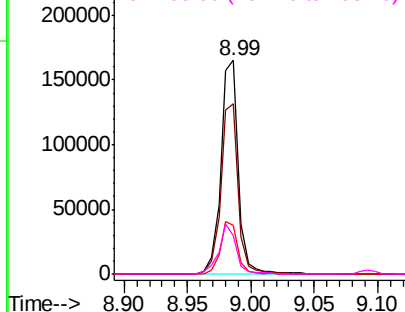


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.368 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

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



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 36.520 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

ClientSampled :

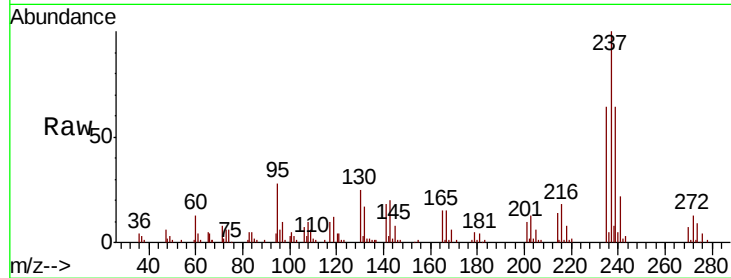
Tot Ion:237 Resp: 59979

Ion Ratio Lower Upper

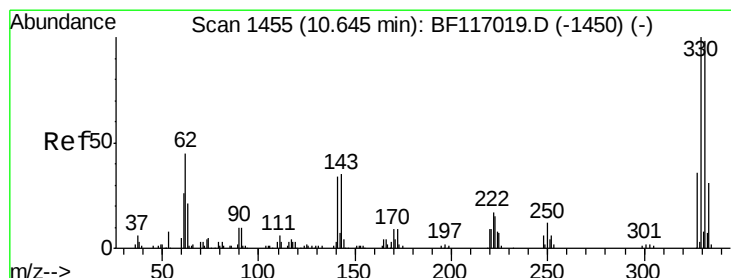
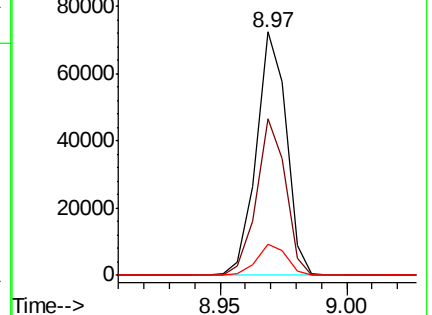
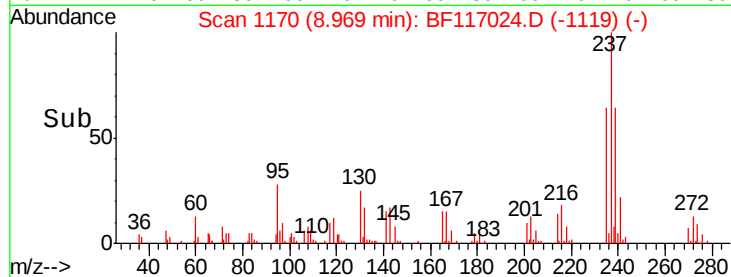
237 100

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

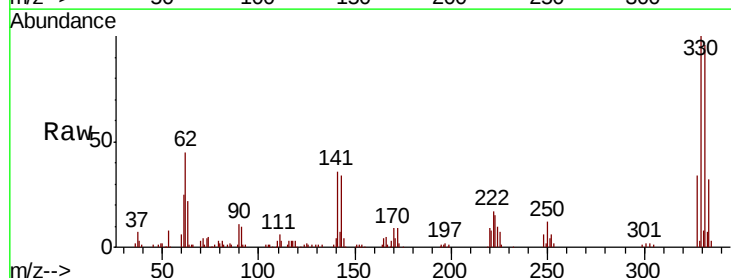
Tgt Ion:330 Resp: 106242

Ion Ratio Lower Upper

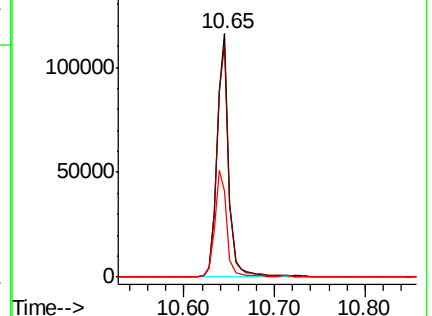
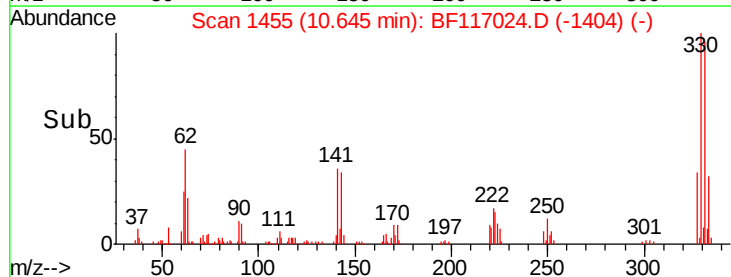
330 100

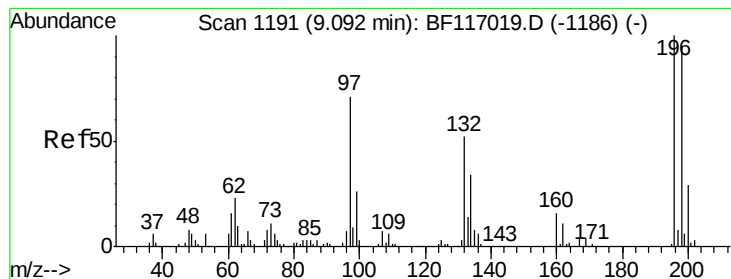
332 96.7 78.0 117.0

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

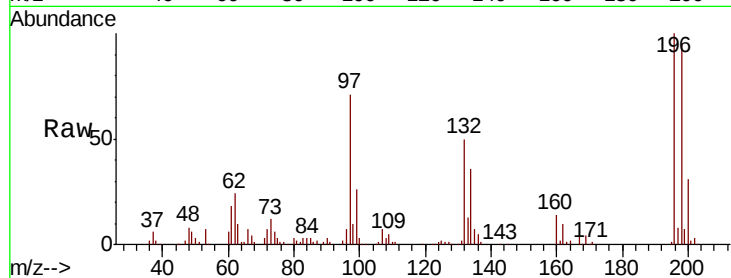




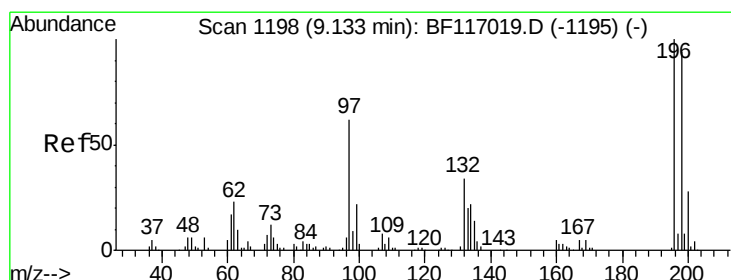
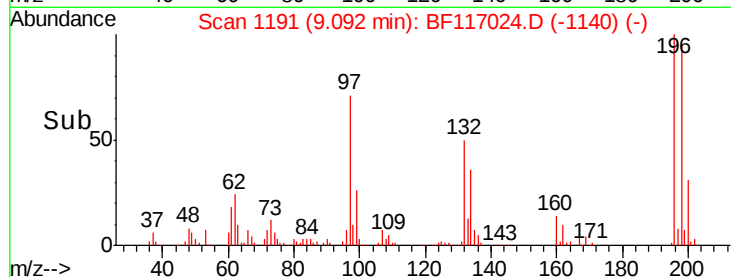
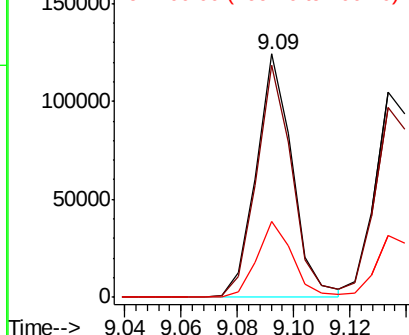
#43
2,4,6-Trichlorophenol
Concen: 38.018 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :

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

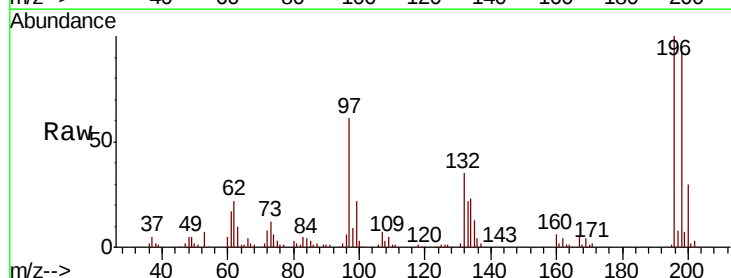


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

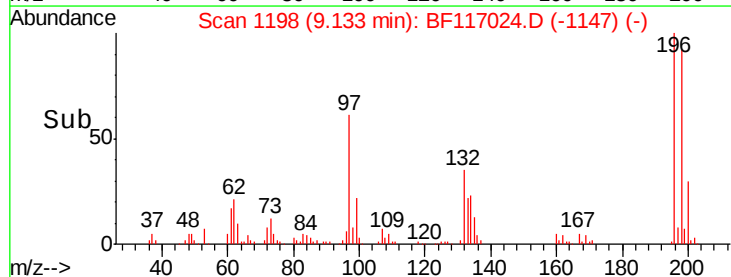
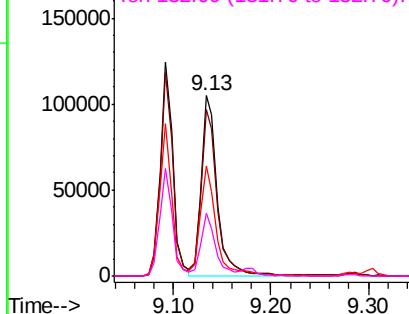


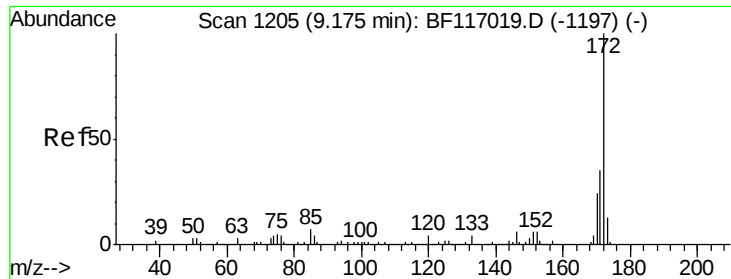
#44
2,4,5-Trichlorophenol
Concen: 38.300 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

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

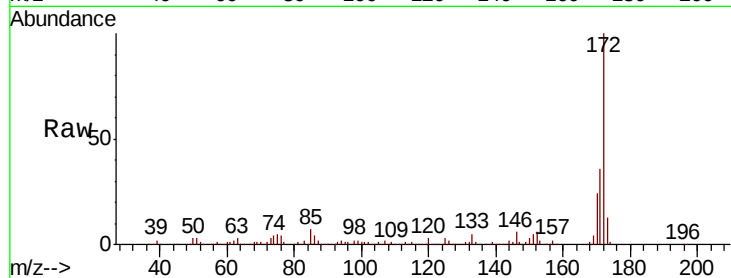




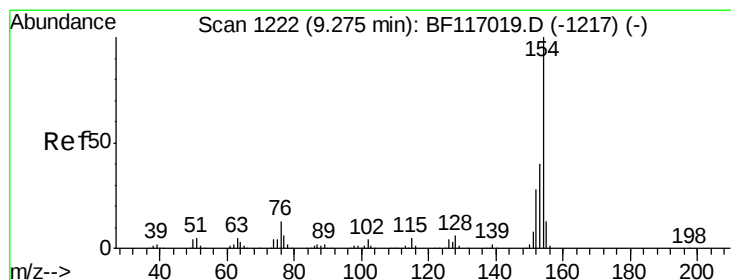
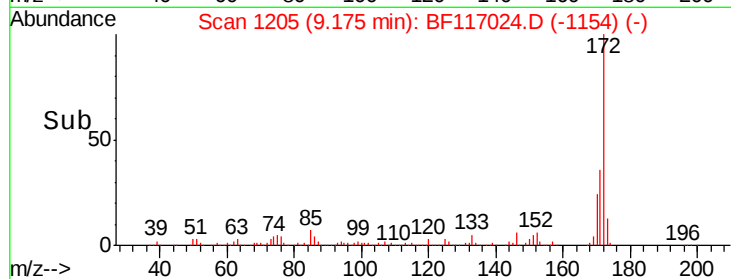
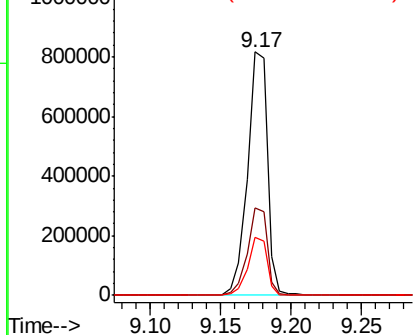
#45
 2-Fluorobiphenyl
 Concen: 76.881 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

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

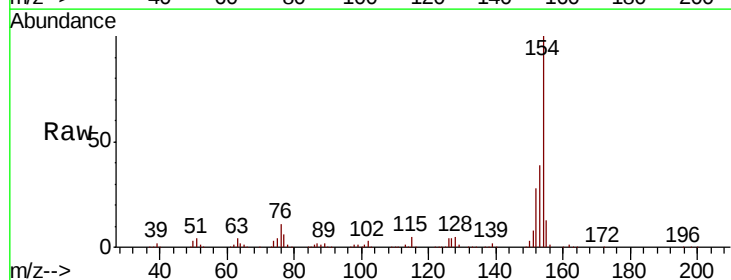


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

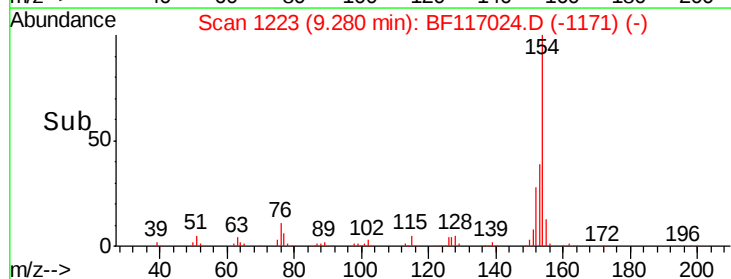
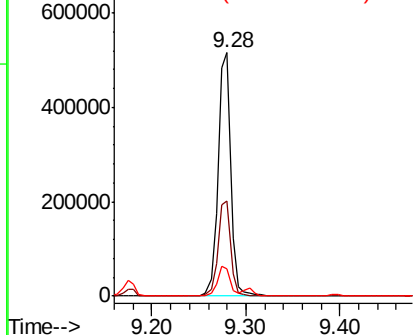


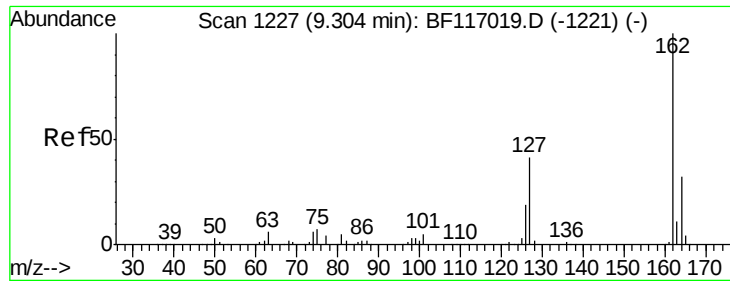
#46
 1,1'-Biphenyl
 Concen: 37.672 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

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

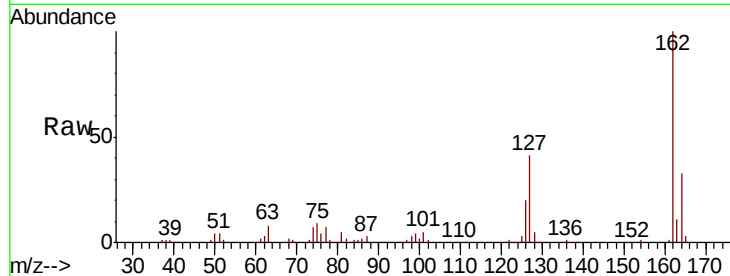




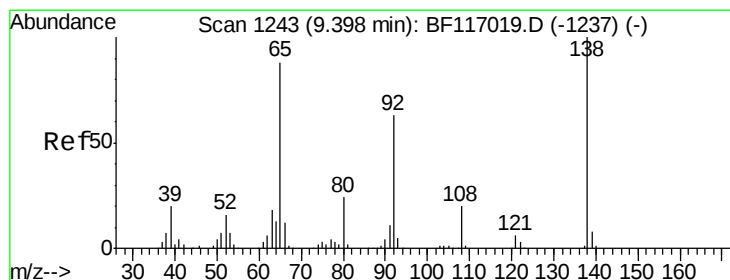
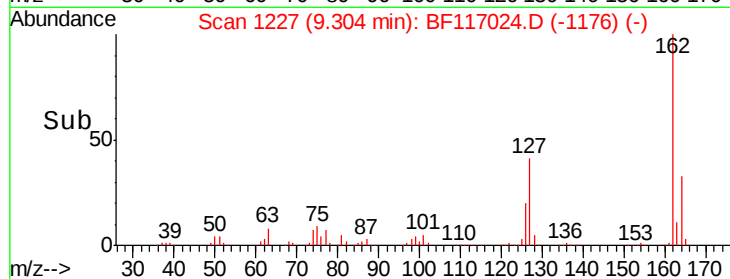
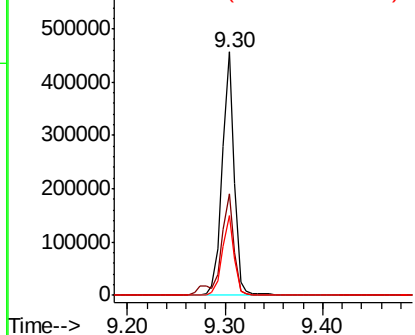
#47
 2-Chloronaphthalene
 Concen: 38.187 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

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

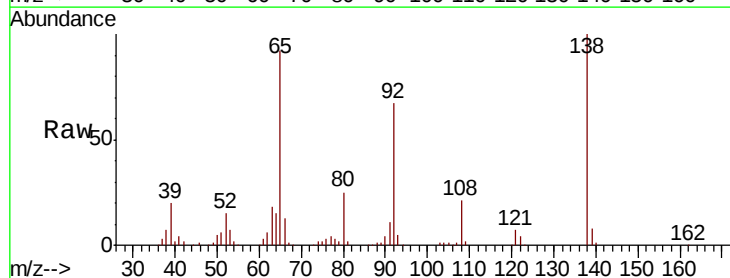


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

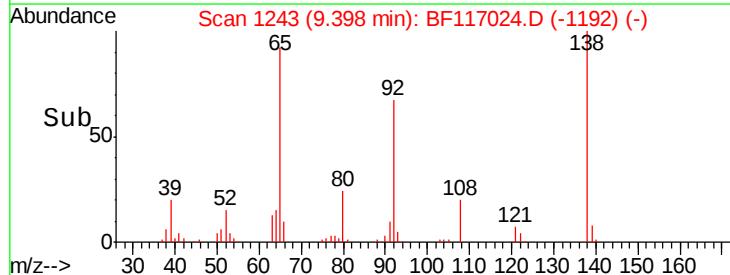
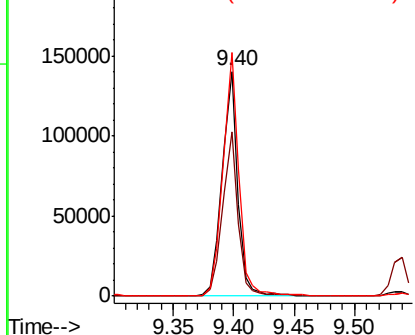


#48
 2-Nitroaniline
 Concen: 38.558 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

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 :

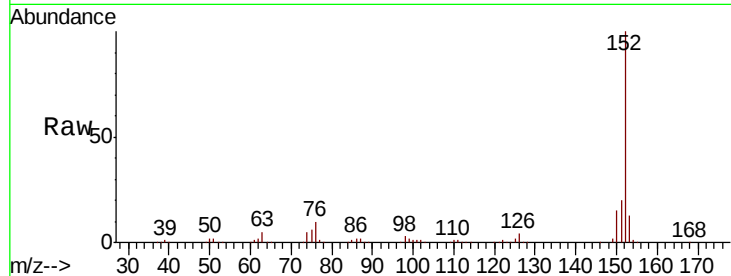
Tot Ion:152 Resp: 584928

Ion Ratio Lower Upper

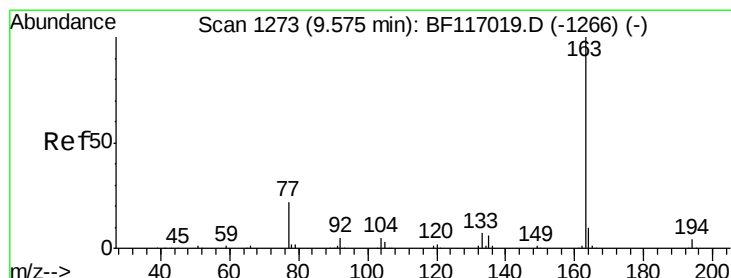
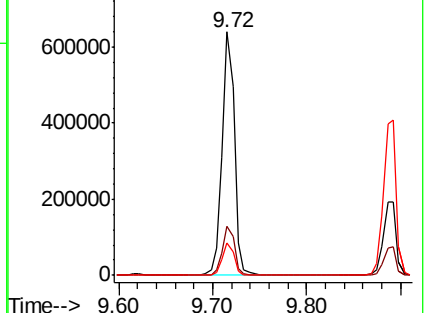
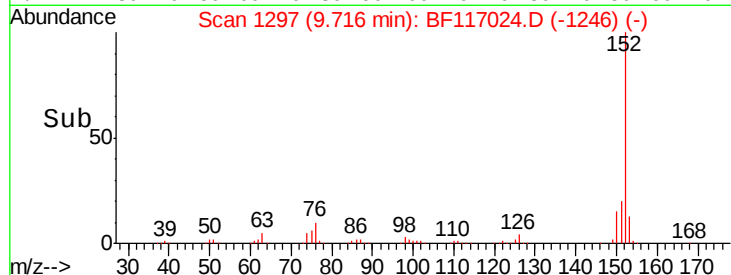
152 100

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

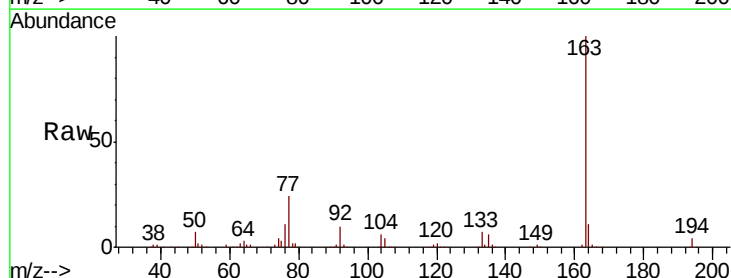
Tgt Ion:163 Resp: 440654

Ion Ratio Lower Upper

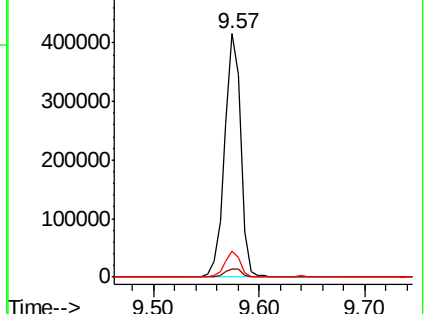
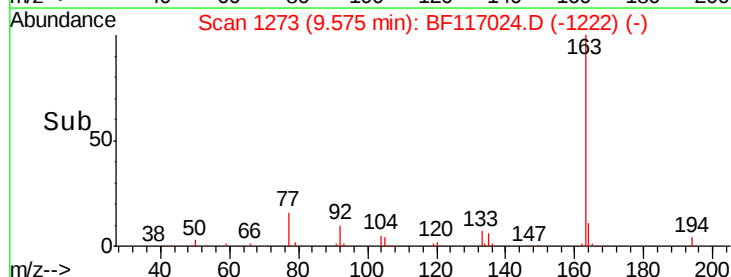
163 100

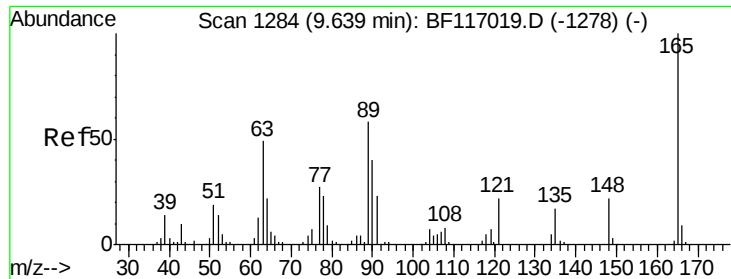
194 3.5 2.9 4.3

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

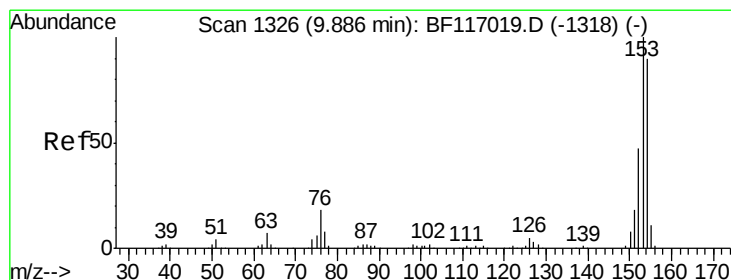
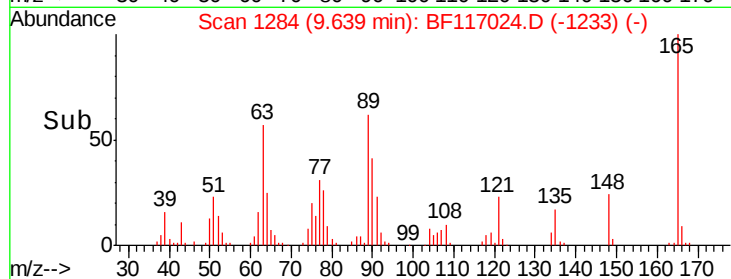
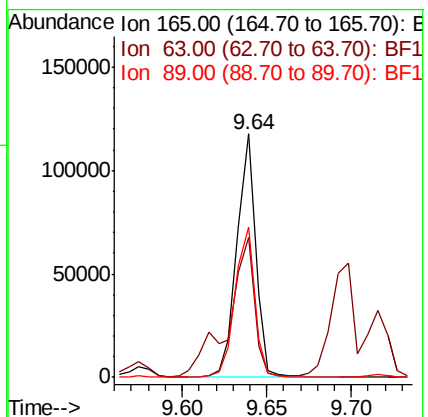
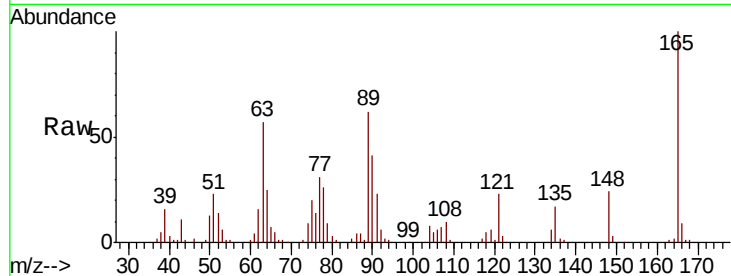




#51
 2,6-Dinitrotoluene
 Concen: 38.417 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

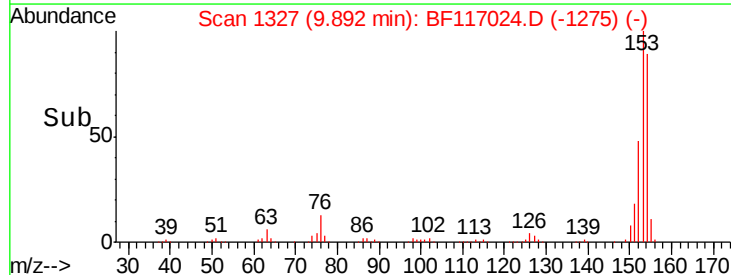
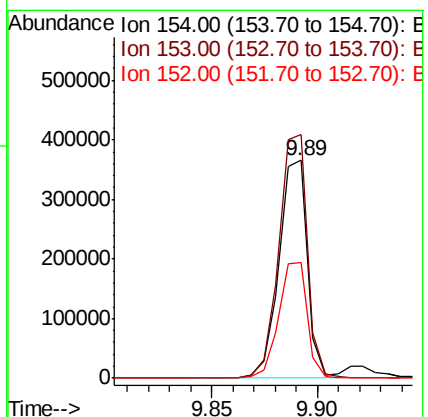
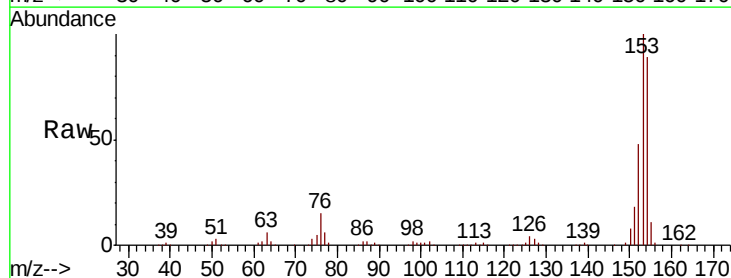
Instrument :
 BNA_F
 ClientSampleId :

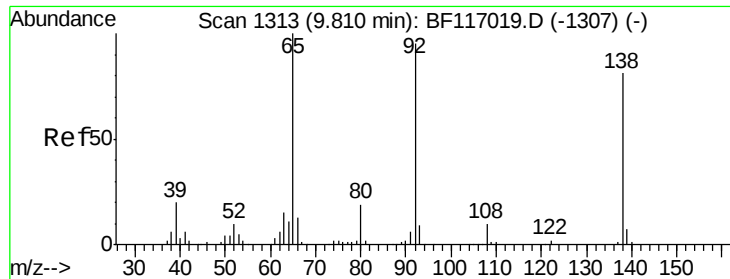
Tot Ion:165 Resp: 91571
 Ion Ratio Lower Upper
 165 100
 63 57.3 41.8 62.8
 89 61.8 46.5 69.7



#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

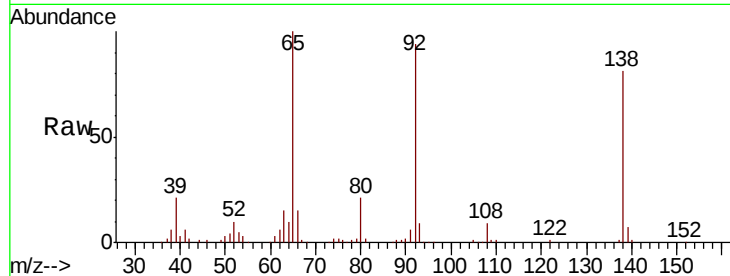




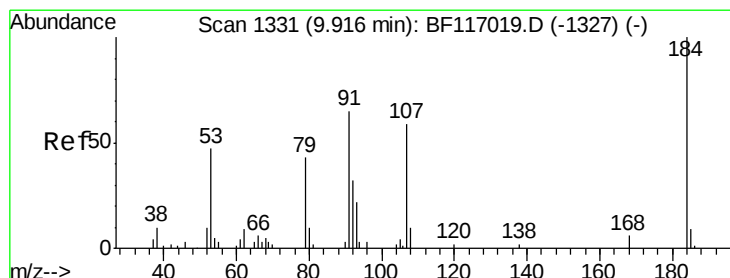
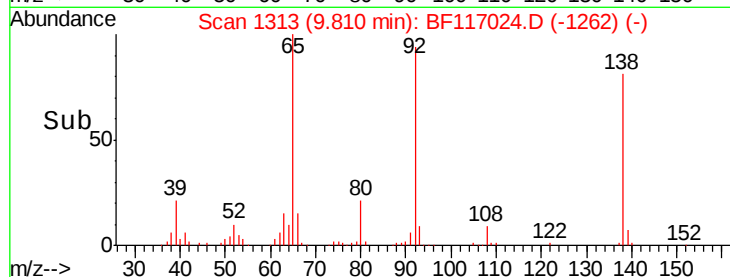
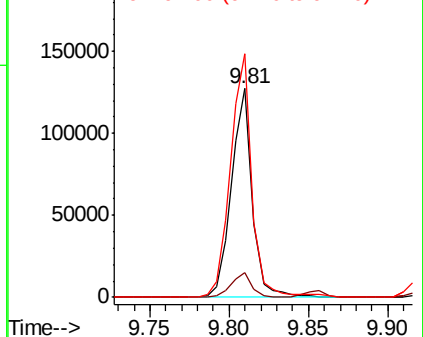
#53
3-Nitroaniline
Concen: 38.663 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :

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

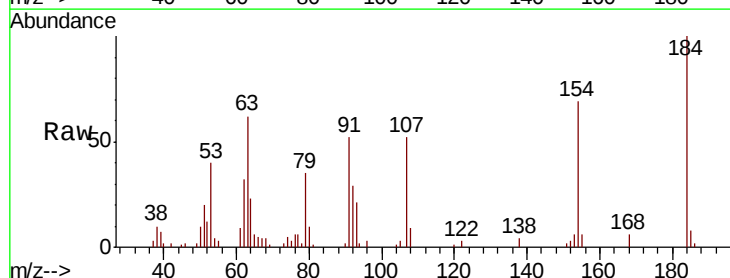


Abundance Ion 138.00 (137.70 to 138.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

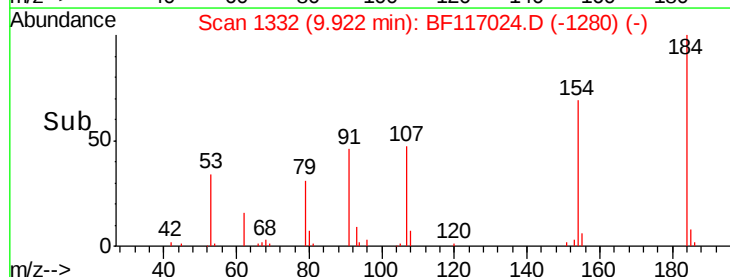
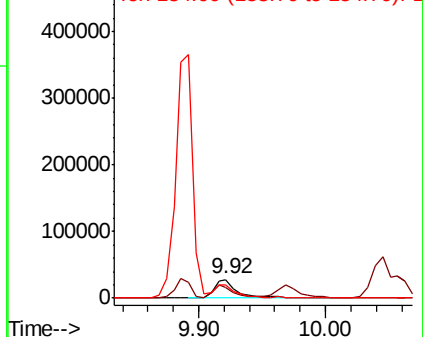


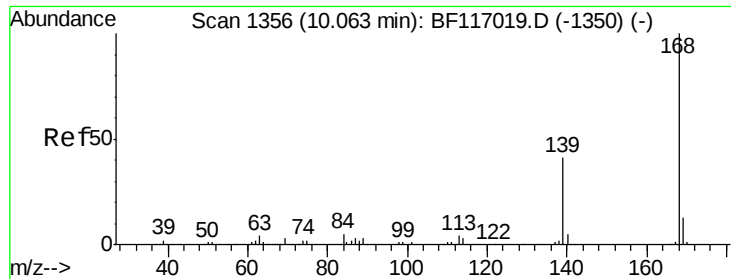
#54
2,4-Dinitrophenol
Concen: 38.555 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

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
500000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

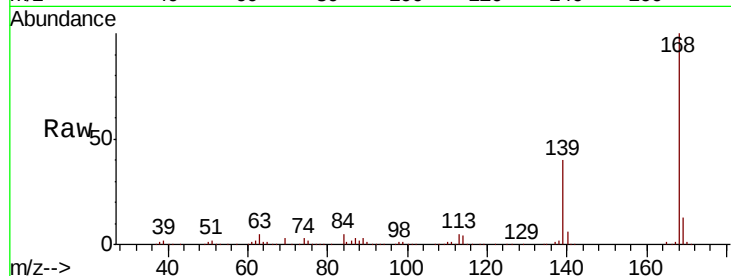




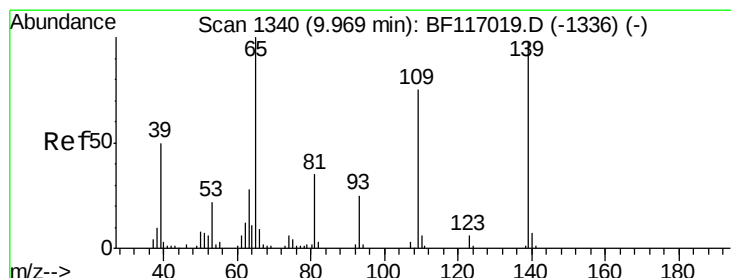
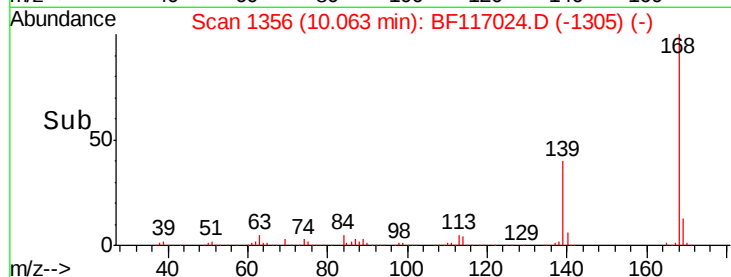
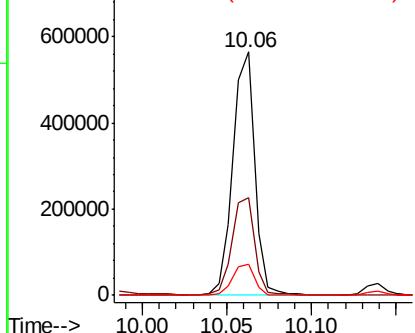
#55
Dibenzenofuran
Concen: 38.141 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :

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

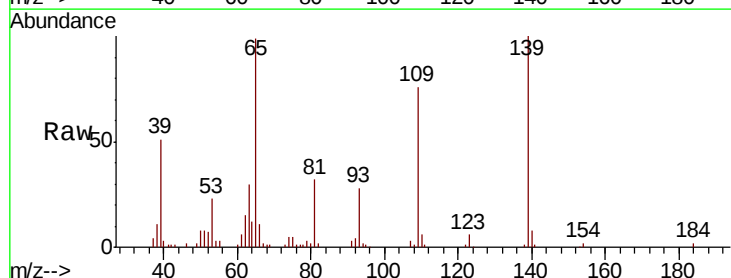


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

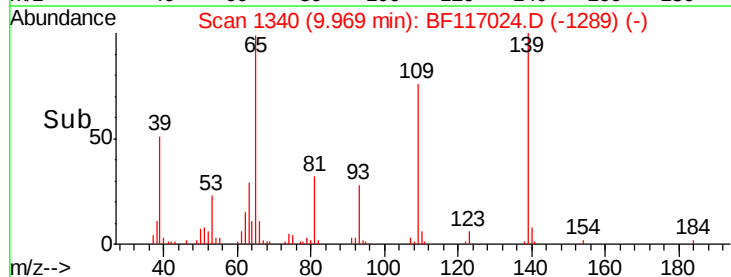
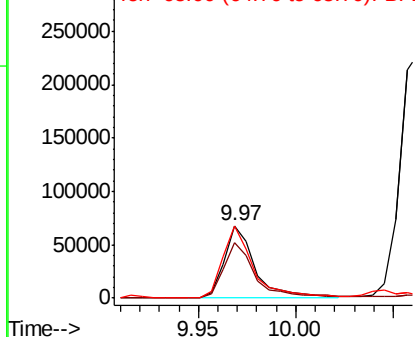


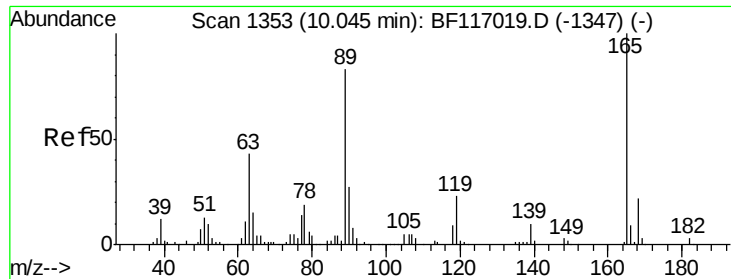
#56
4-Nitrophenol
Concen: 38.393 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

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

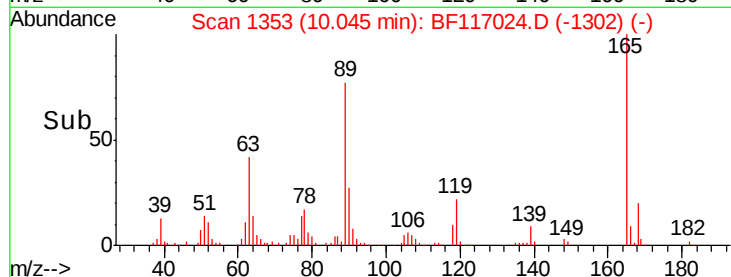
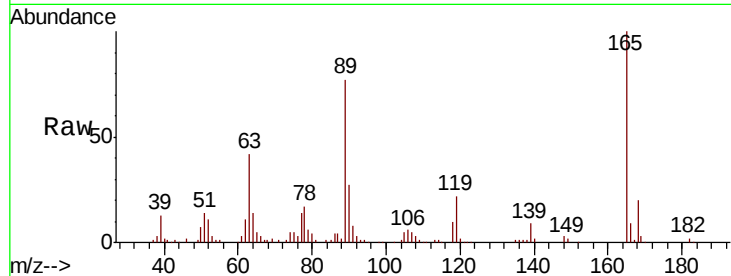
Acq: 13 Sep 2019 16:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165	Resp:	126600
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

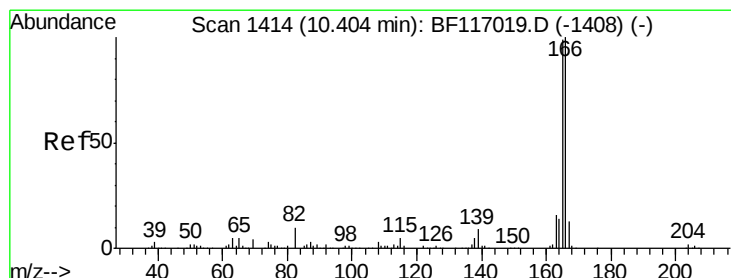
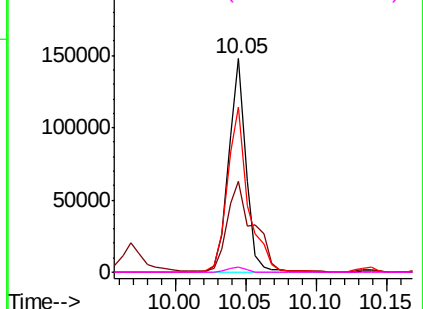


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.908 ng

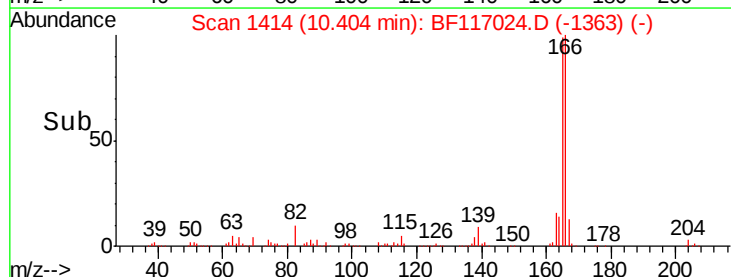
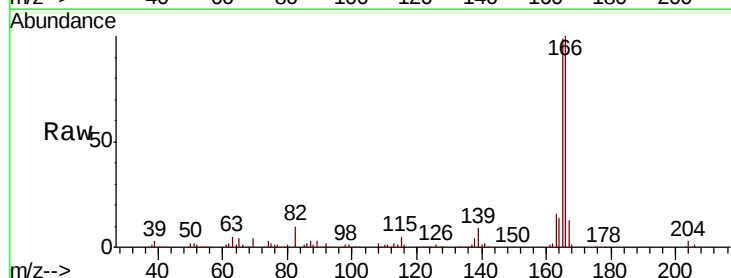
RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF117024.D

Acq: 13 Sep 2019 16:08

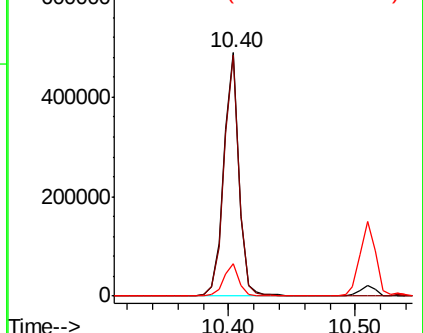
Tgt Ion:166	Resp:	409390
Ion Ratio	Lower	Upper
166	100	
165	98.9	78.9 118.3
167	13.3	10.6 15.8

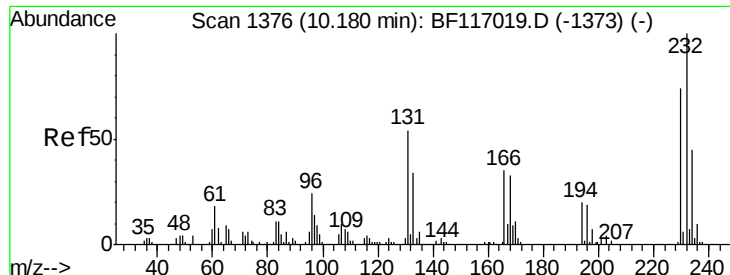


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

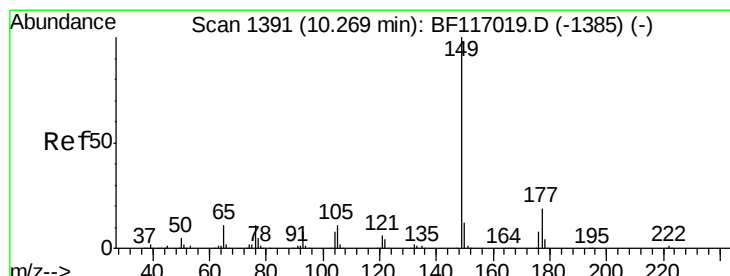
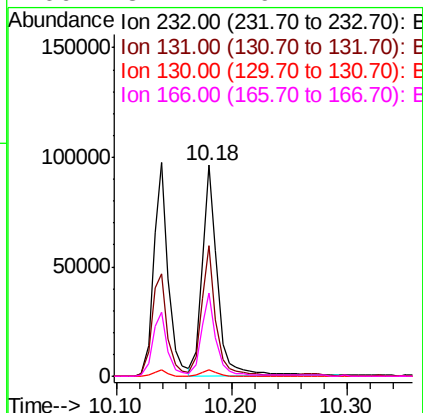
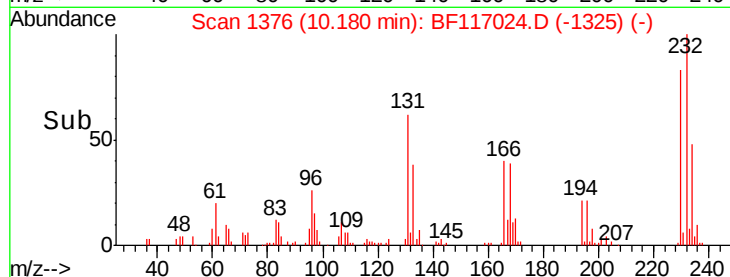
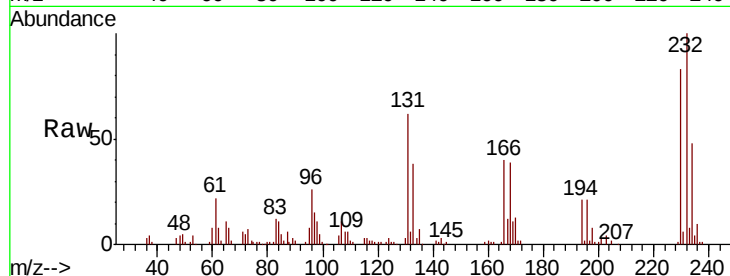




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.798 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

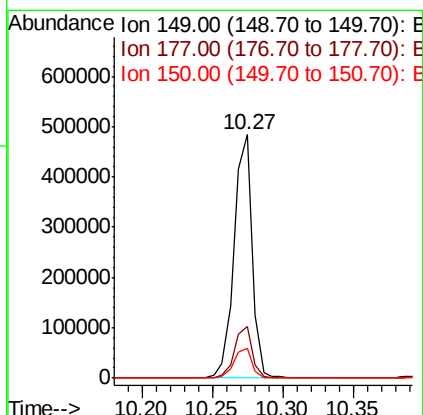
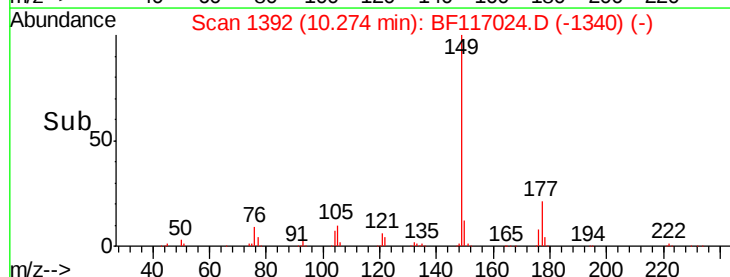
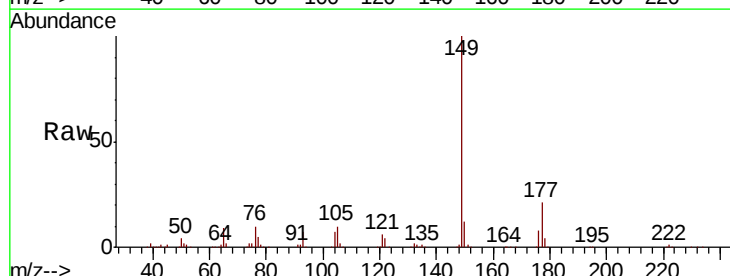
Instrument :
 BNA_F
 ClientSampled :

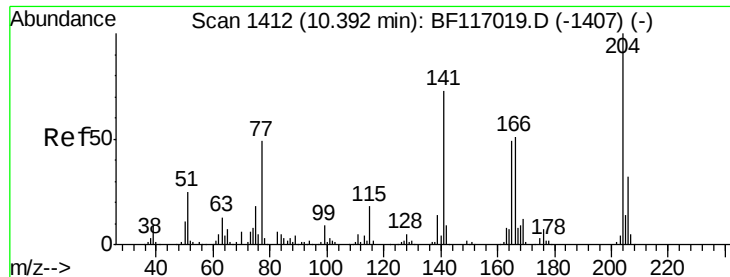
Tot Ion:	232	Resp:	89513
Ion	Ratio	Lower	Upper
232	100		
131	59.3	45.3	67.9
130	2.7	1.8	2.8
166	37.2	29.4	44.2



#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

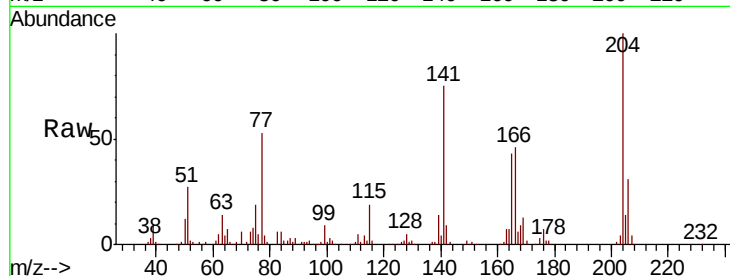




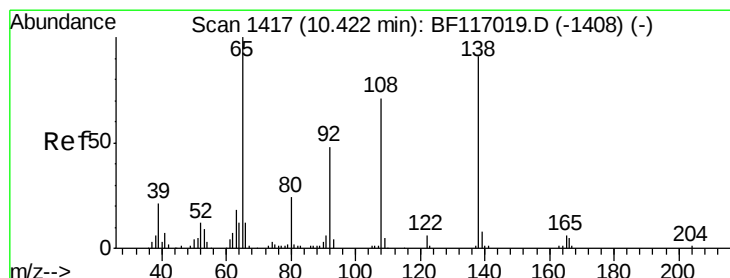
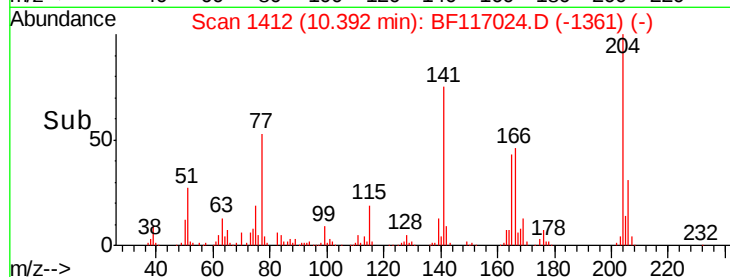
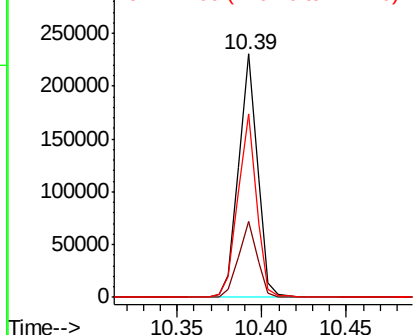
#61
4-Chlorophenyl-phenylether
Concen: 38.382 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampled :

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

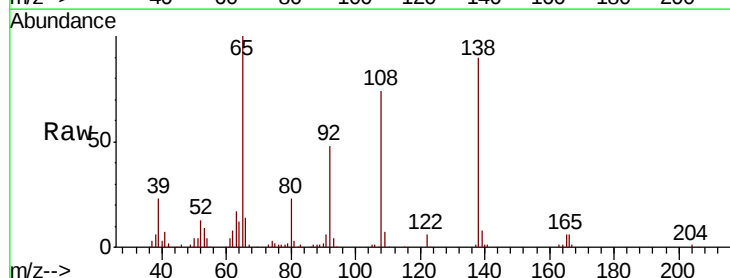


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

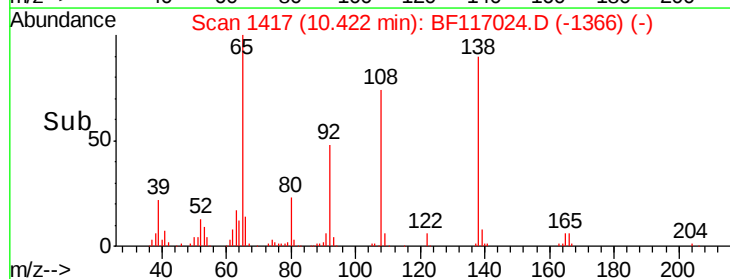
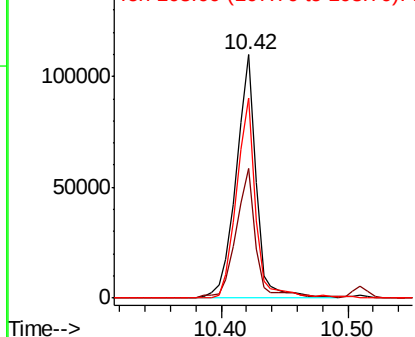


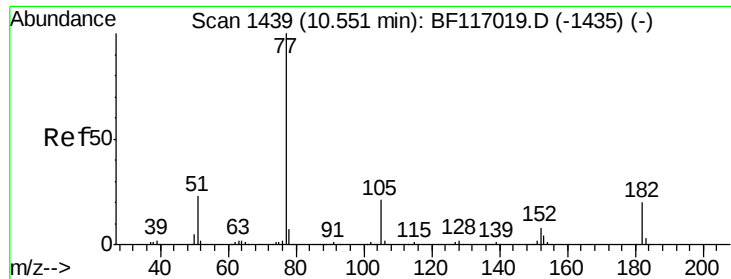
#62
4-Nitroaniline
Concen: 38.552 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

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 :

Tot Ion: 77 Resp: 440825

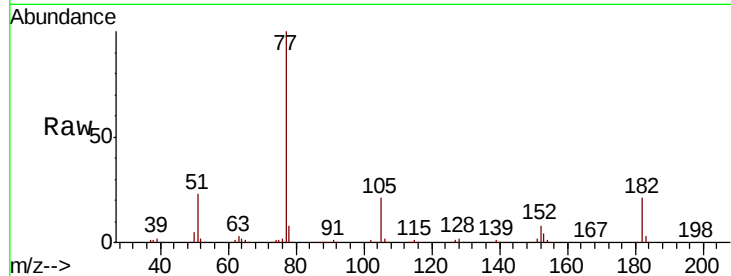
Ion Ratio Lower Upper

77 100

182 20.6 0.4 40.4

105 21.4 0.9 40.9

51 23.5 2.8 42.8

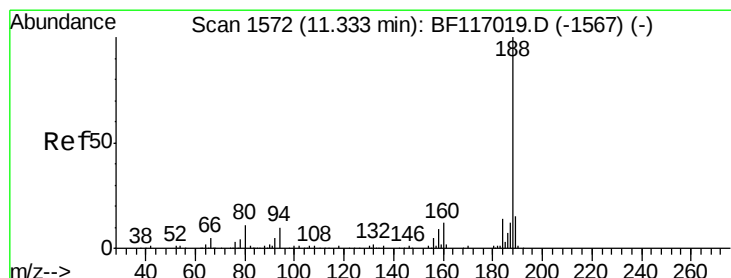
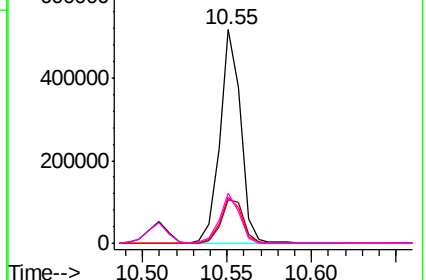
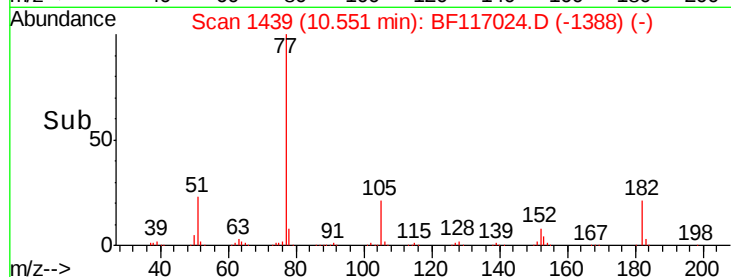


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

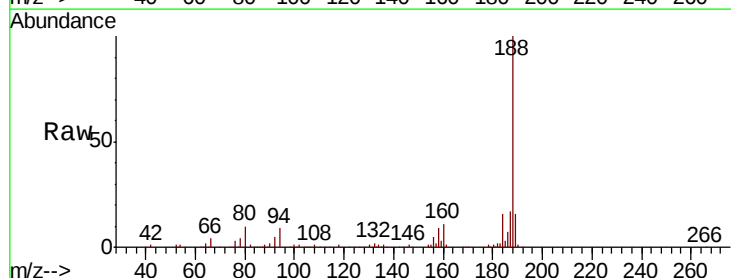
Tgt Ion: 188 Resp: 272828

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

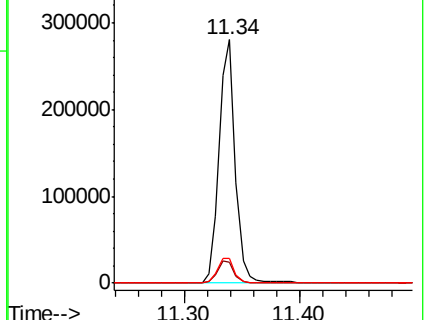
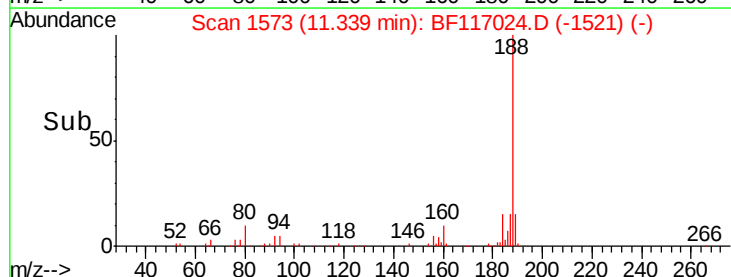
80 10.0 9.0 13.6



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

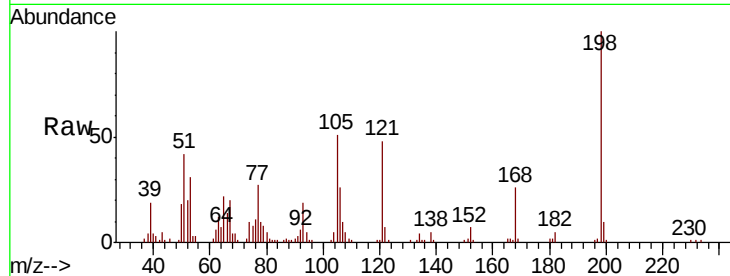




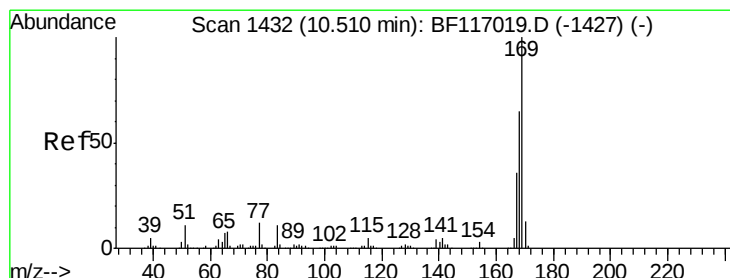
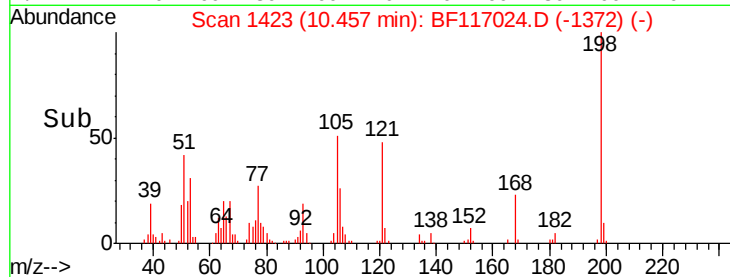
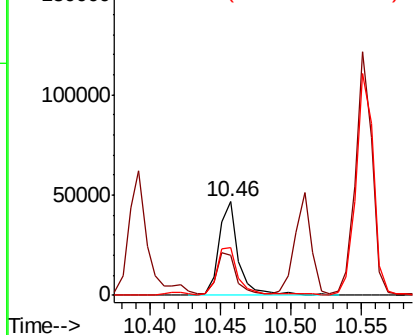
#65
4,6-Dinitro-2-methylphenol
Concen: 37.938 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :

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

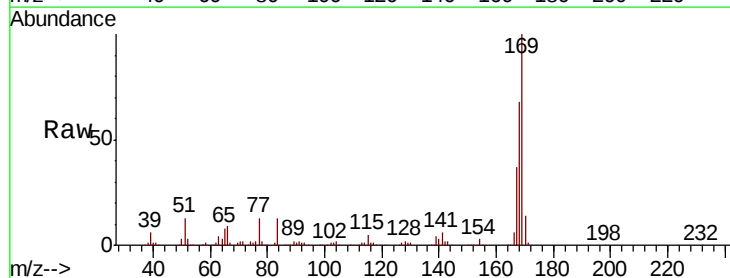


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

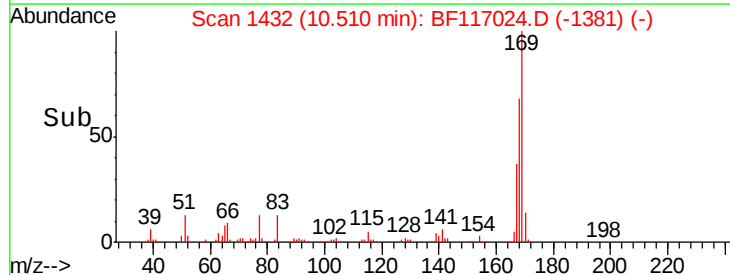
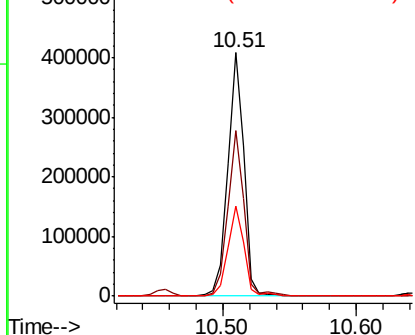


#66
n-Nitrosodiphenylamine
Concen: 37.024 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

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

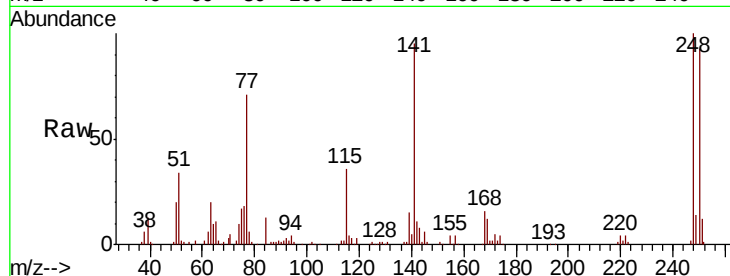




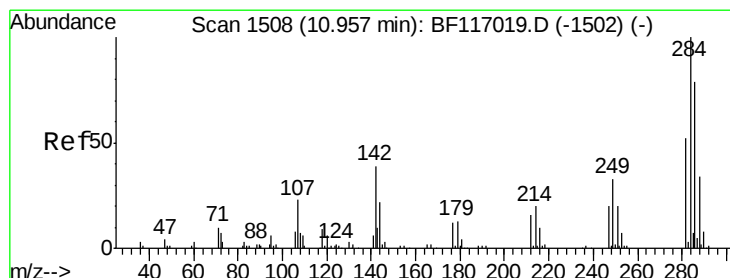
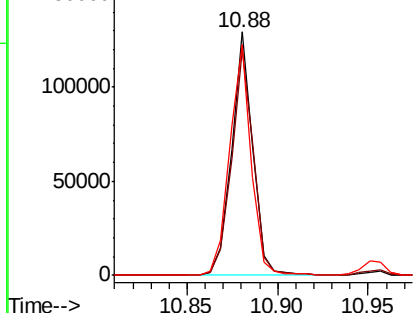
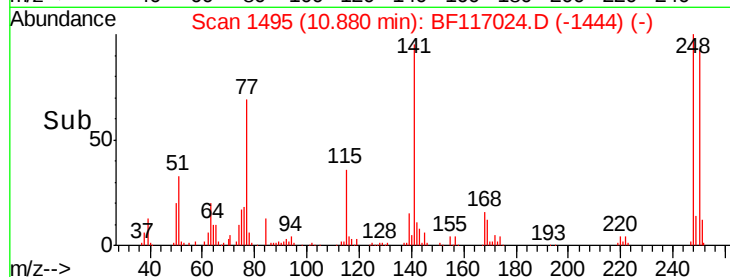
#67
4-Bromophenyl-phenylether
Concen: 37.776 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampleId :

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

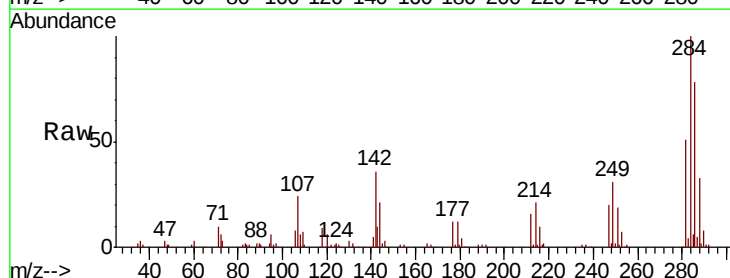


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

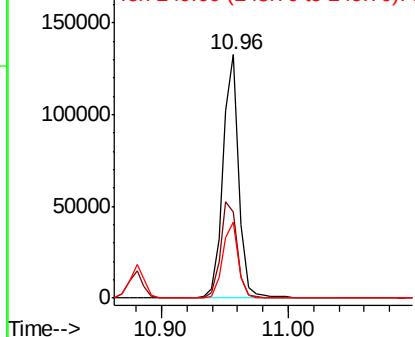
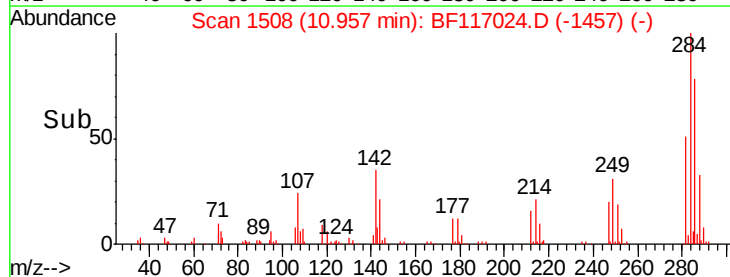


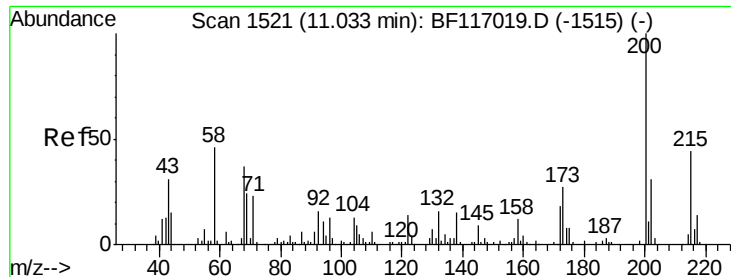
#68
Hexachlorobenzene
Concen: 37.785 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

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

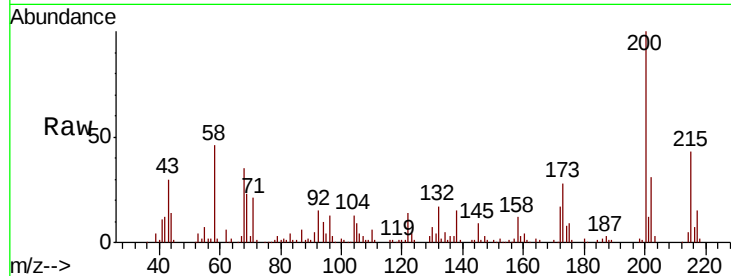




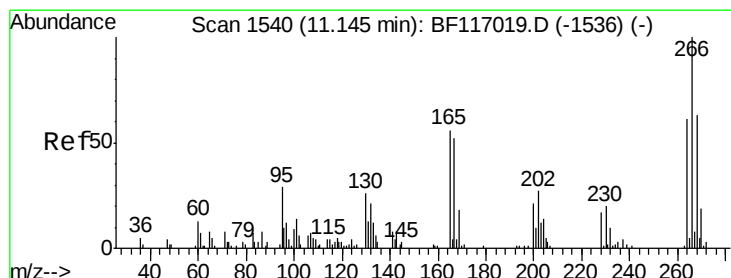
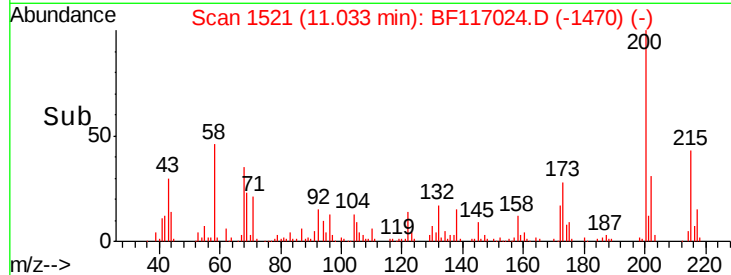
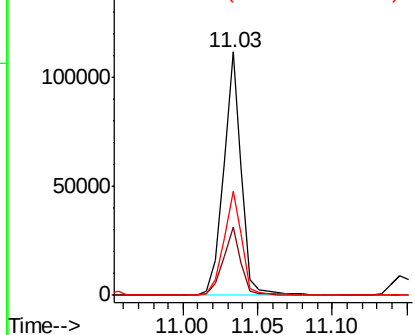
#69
 Atrazine
 Concen: 38.417 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:200 Resp: 93688
 Ion Ratio Lower Upper
 200 100
 173 28.1 6.9 46.9
 215 42.8 23.8 63.8

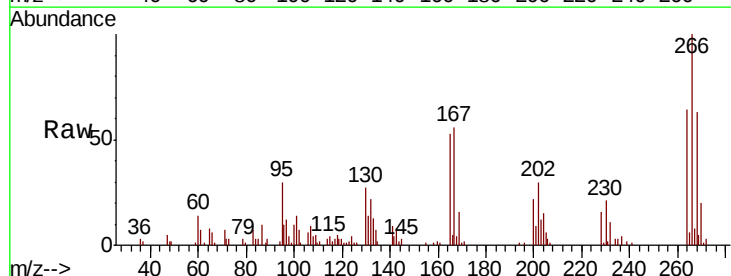


Abundance Ion 200.00 (199.70 to 200.70): E
 150000 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

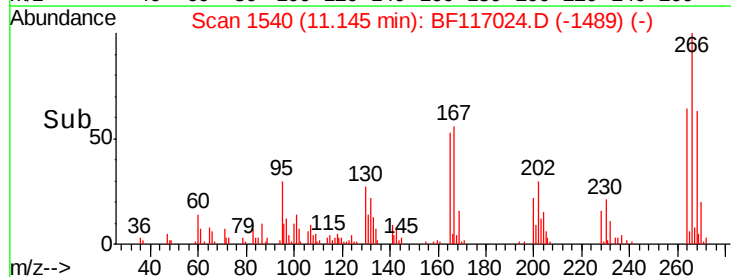
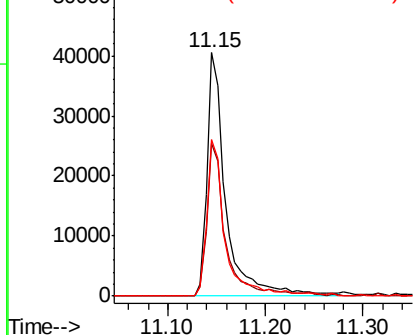


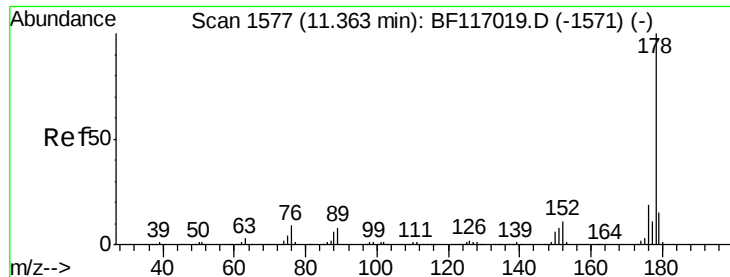
#70
 Pentachlorophenol
 Concen: 38.165 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Tgt Ion:266 Resp: 54519
 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
 50000 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

ClientSampled :

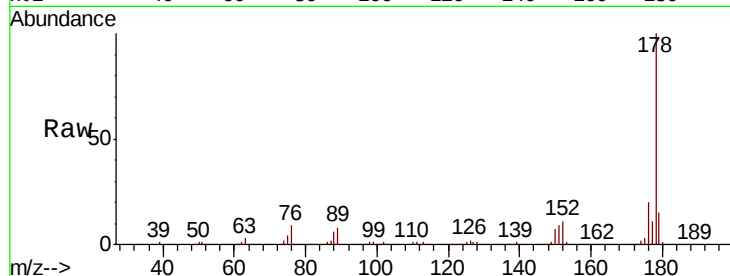
Tot Ion:178 Resp: 584967

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

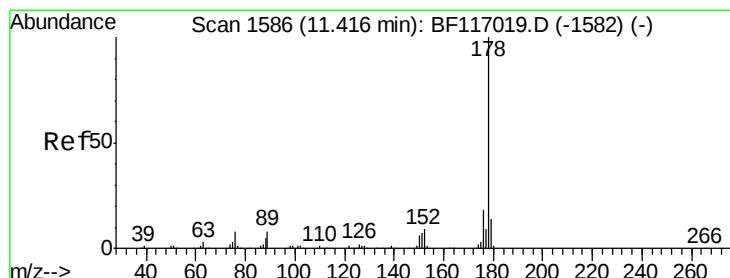
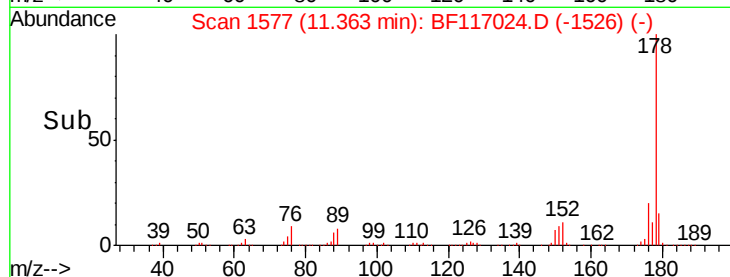
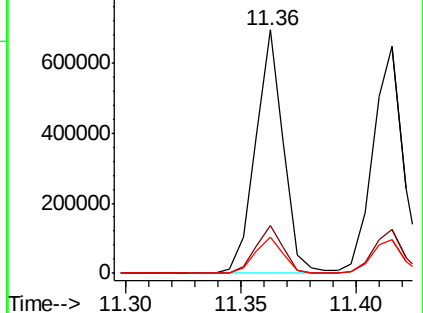
179 15.0 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 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

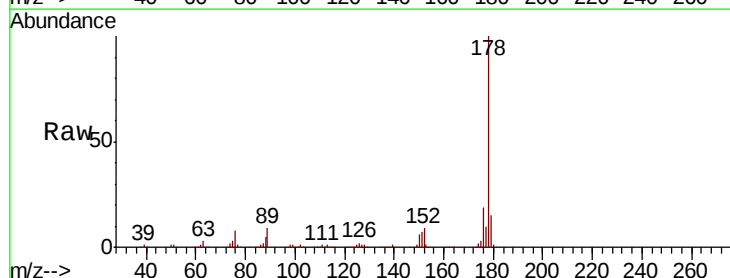
Tgt Ion:178 Resp: 596297

Ion Ratio Lower Upper

178 100

176 19.2 14.6 21.8

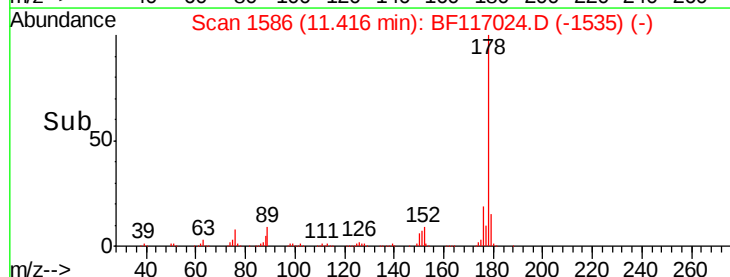
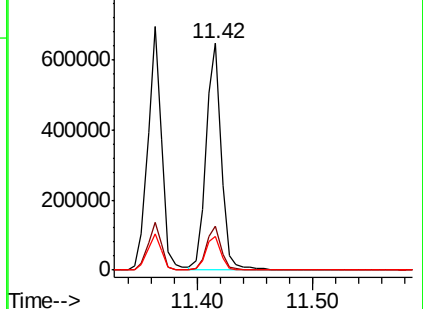
179 14.9 11.6 17.4

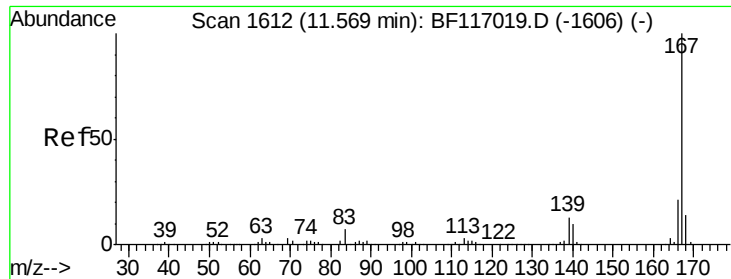


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

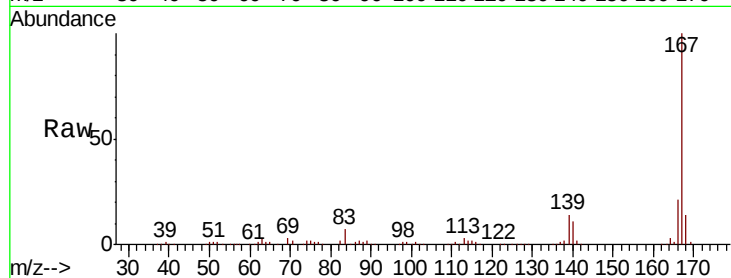




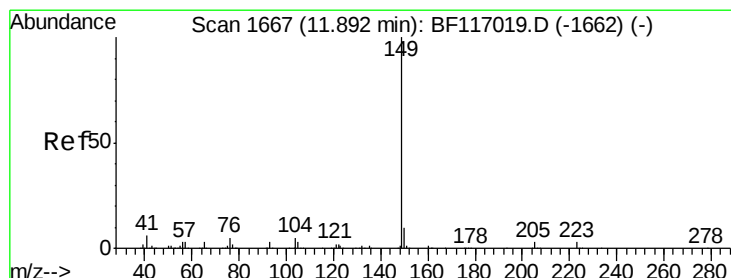
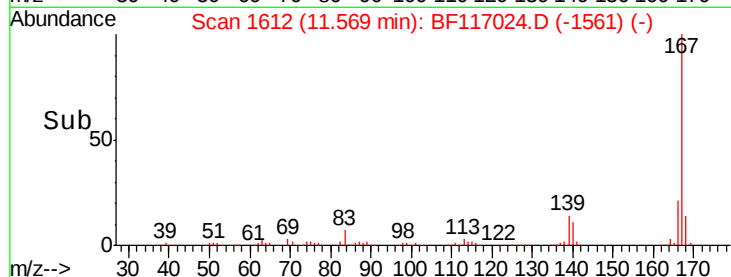
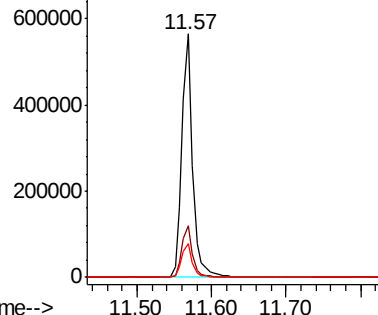
#73
 Carbazole
 Concen: 37.812 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

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

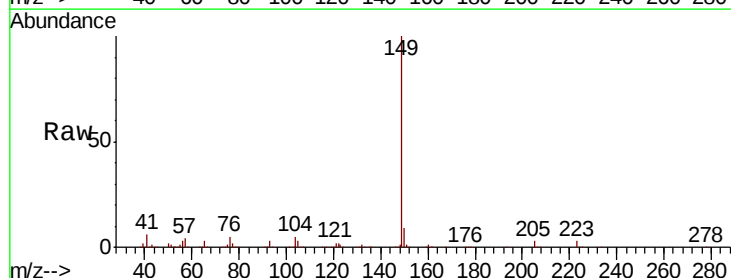


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

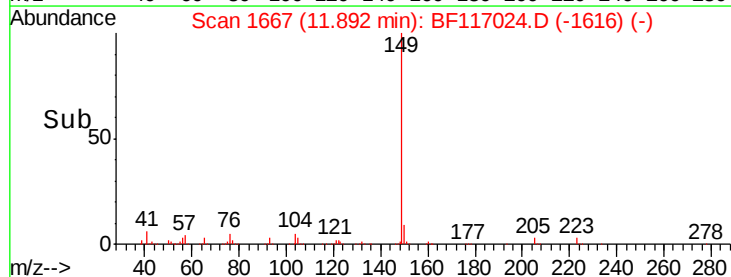
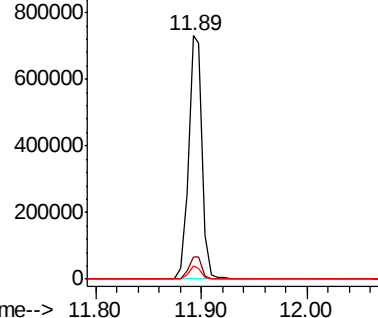


#74
 Di-n-butylphthalate
 Concen: 37.457 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

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



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

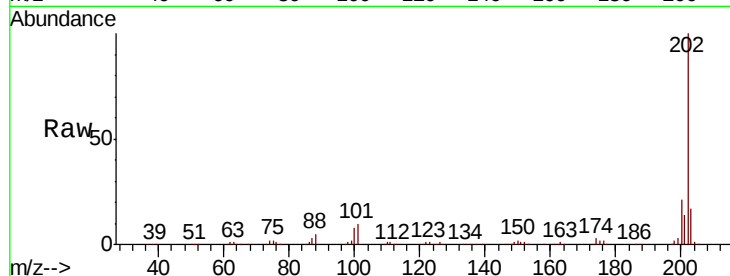




#75
 Fluoranthene
 Concen: 38.016 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.3
203	17.3	0.0	37.1

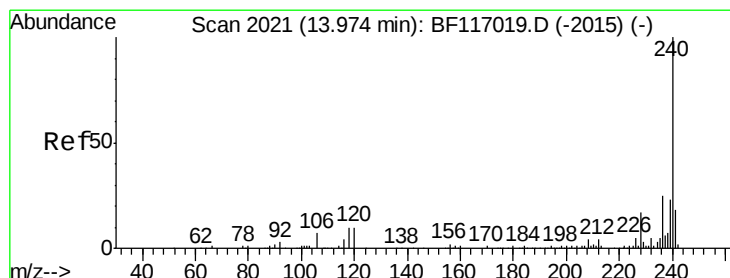
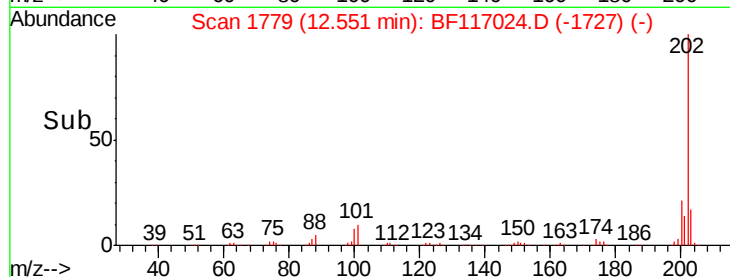
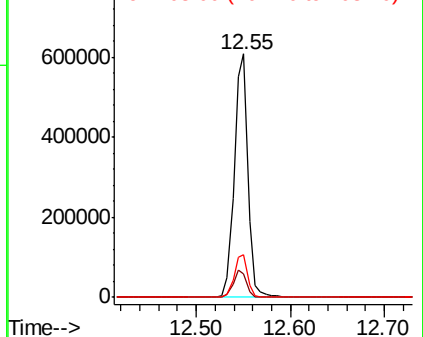


Abundance

Ion 202.00 (201.70 to 202.70): E

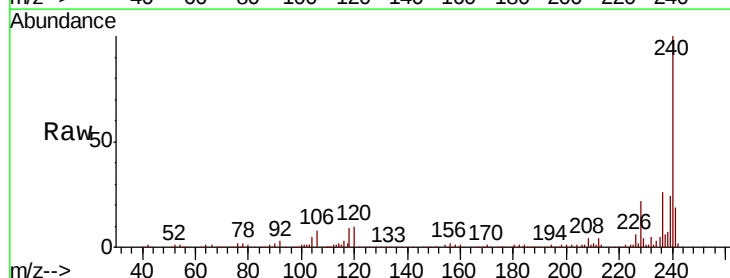
Ion 101.00 (100.70 to 101.70): E

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	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	26.4	20.3	30.5

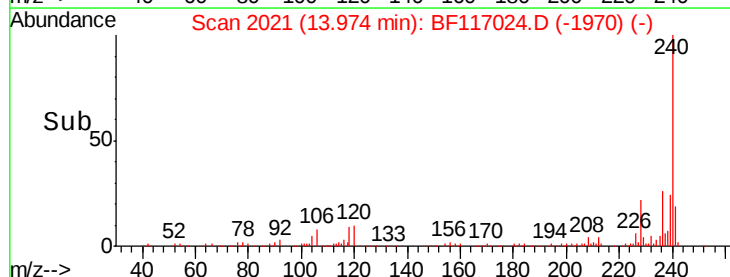
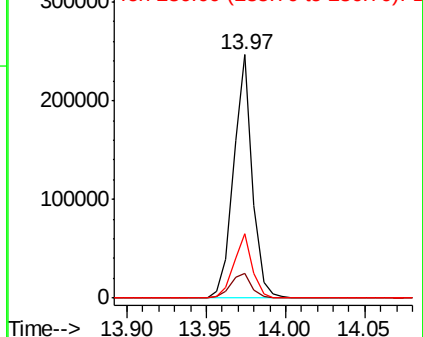


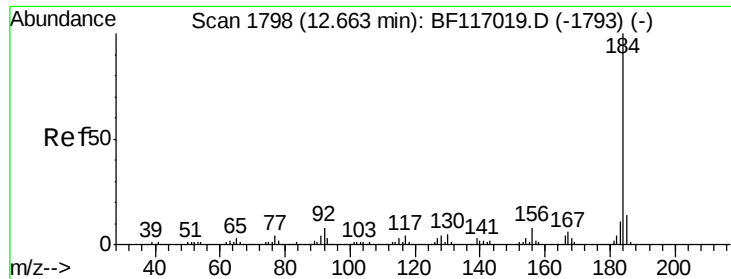
Abundance

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 :

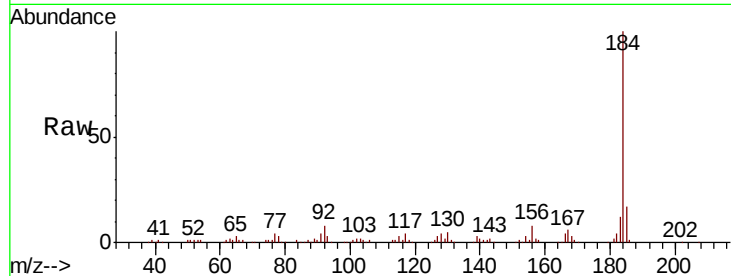
Tot Ion:184 Resp: 236126

Ion Ratio Lower Upper

184 100

185 16.6 11.6 17.4

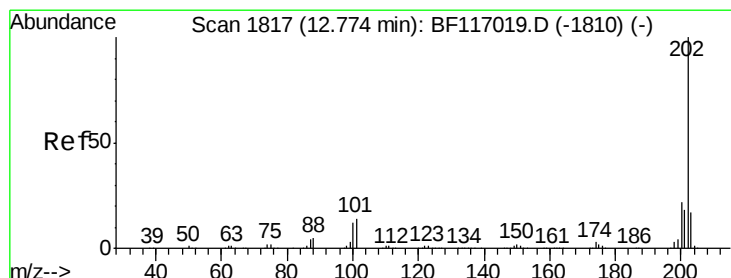
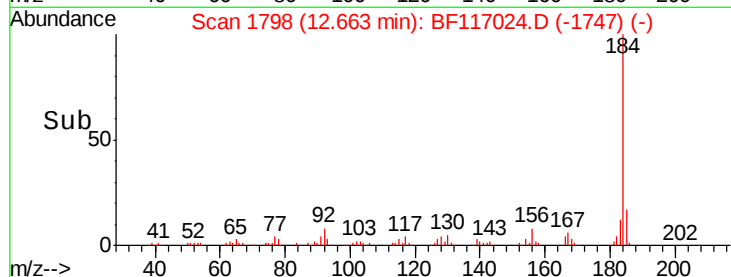
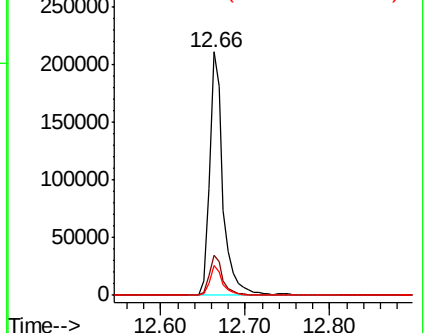
183 12.1 9.0 13.4



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

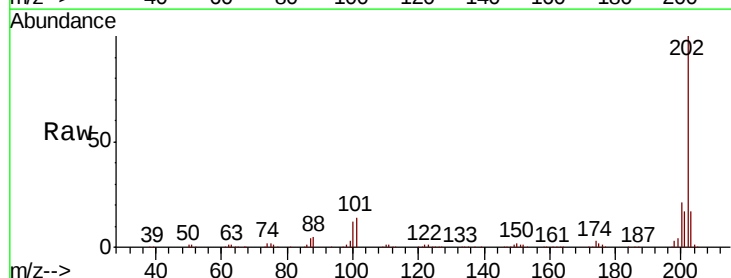
Tgt Ion:202 Resp: 606479

Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

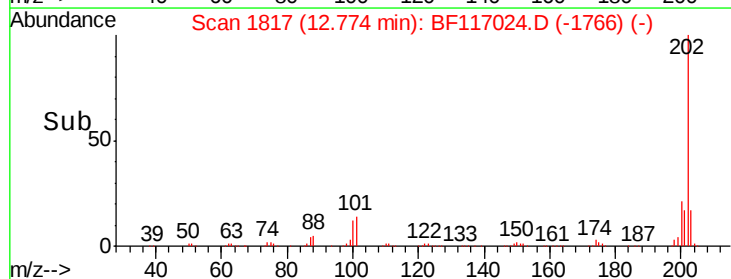
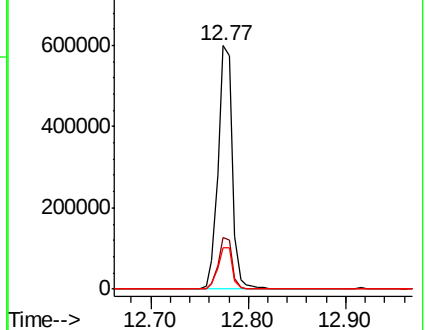
203 17.1 14.0 21.0

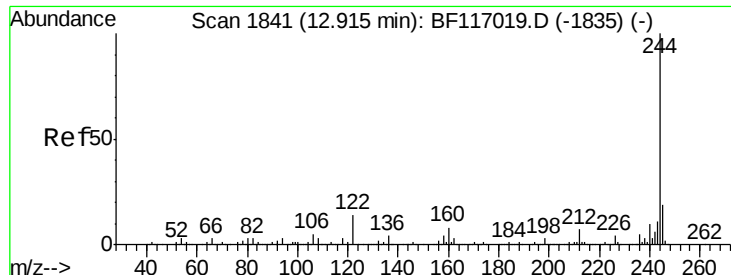


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

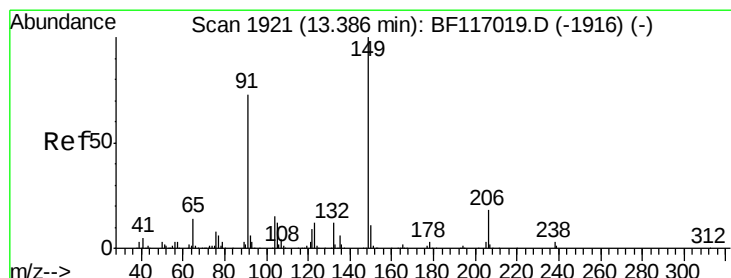
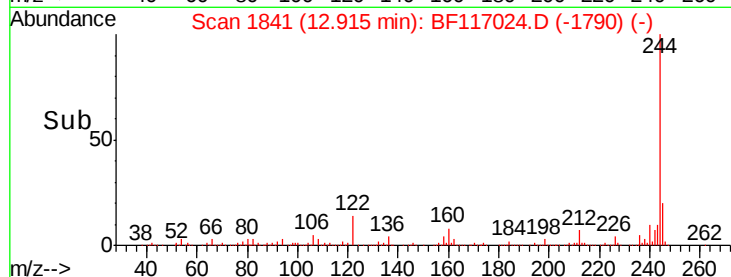
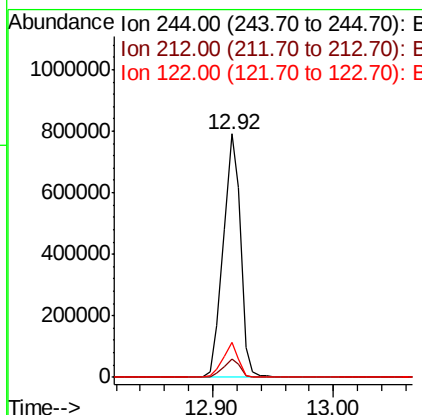
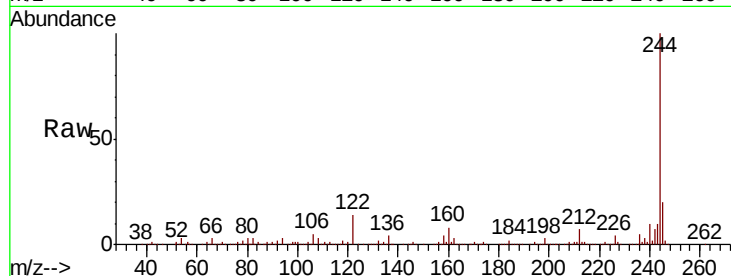




#79
 Terphenyl-d14
 Concen: 72.521 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117024.D
 Acq: 13 Sep 2019 16:08

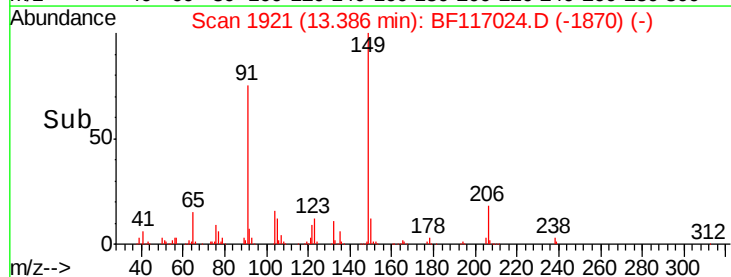
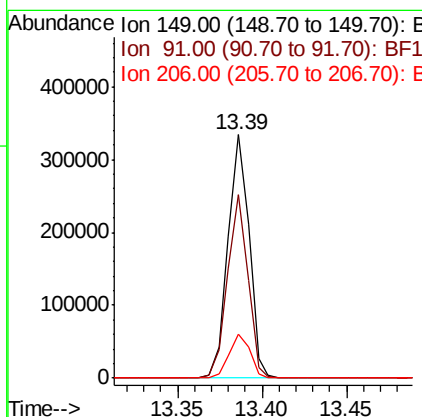
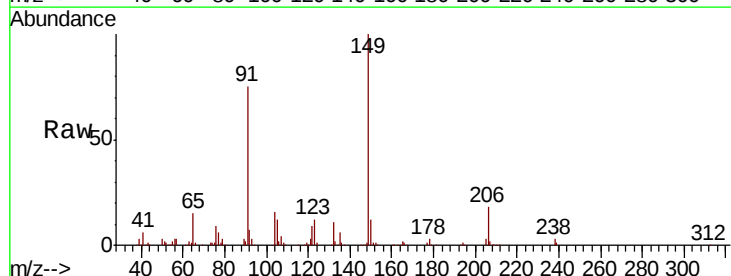
Instrument :
 BNA_F
 ClientSampleId :

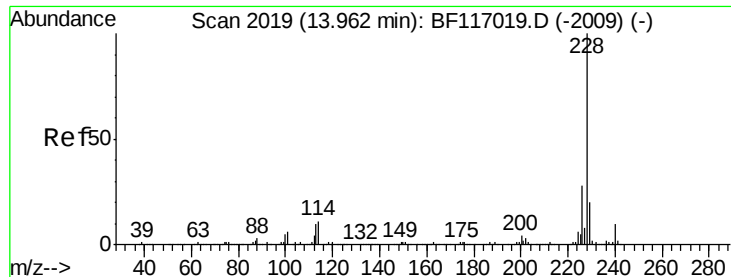
Tot Ion:244 Resp: 781367
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 14.4 11.3 16.9



#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:149 Resp: 289397
 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 :

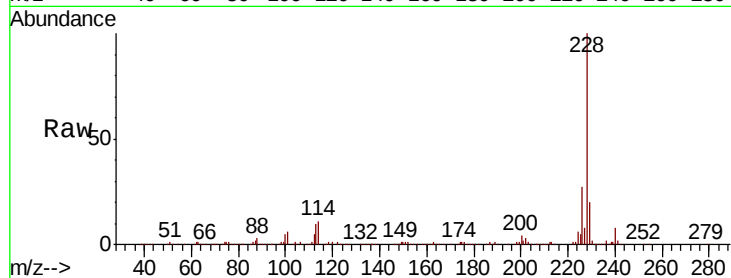
Tot Ion:228 Resp: 509047

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

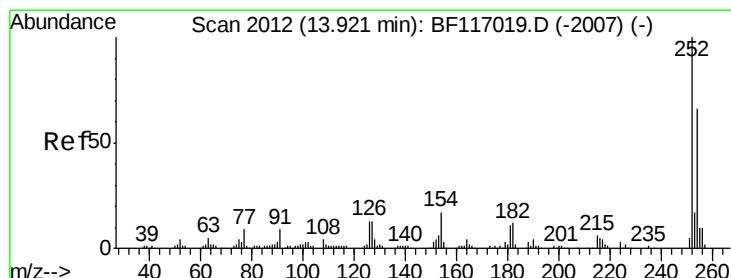
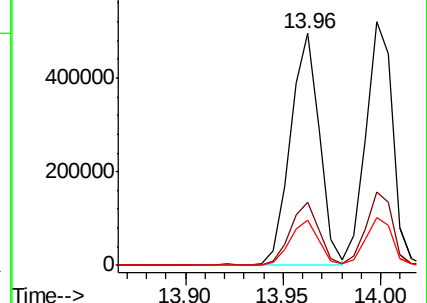
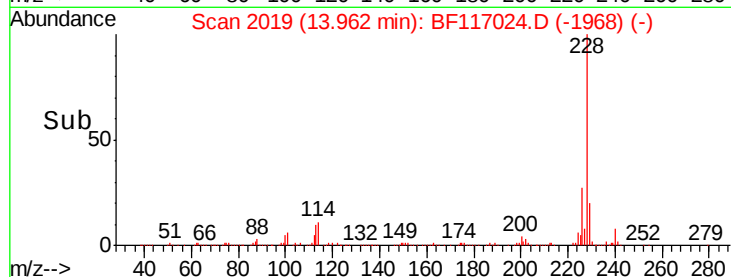
229 19.7 15.9 23.9



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

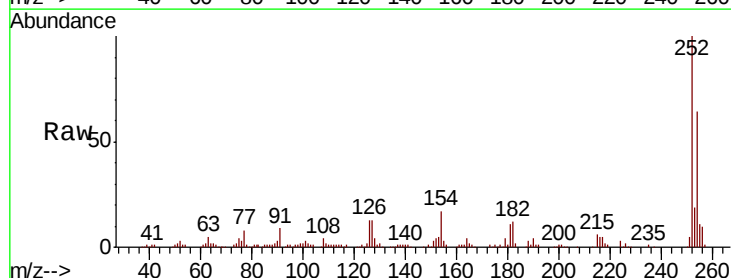
Tgt Ion:252 Resp: 161008

Ion Ratio Lower Upper

252 100

254 64.0 52.6 79.0

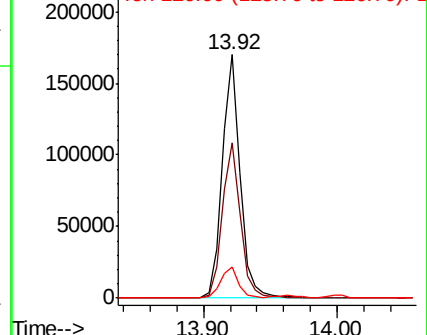
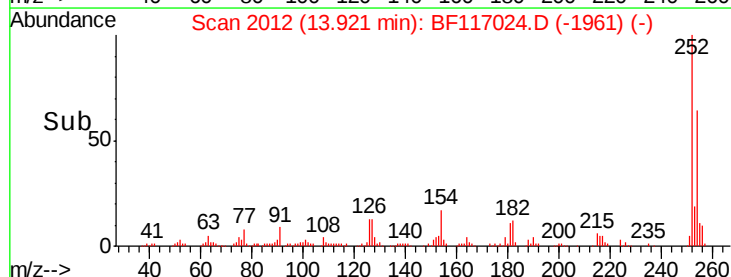
126 12.9 10.4 15.6

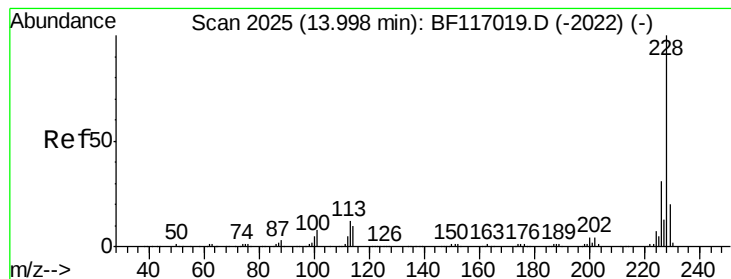


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

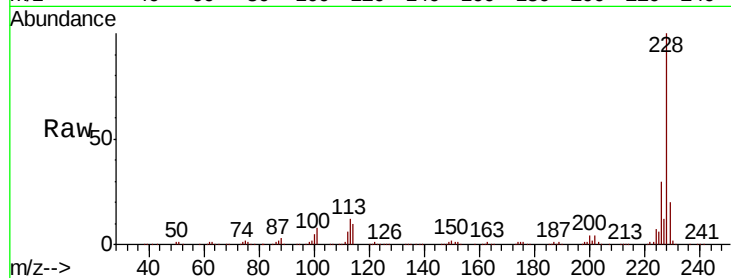
Tot Ion:228 Resp: 498552

Ion Ratio Lower Upper

228 100

226 30.3 24.8 37.2

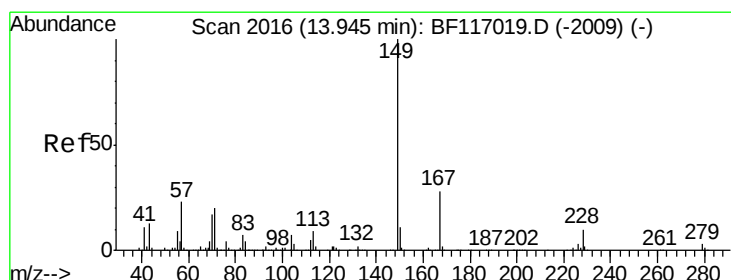
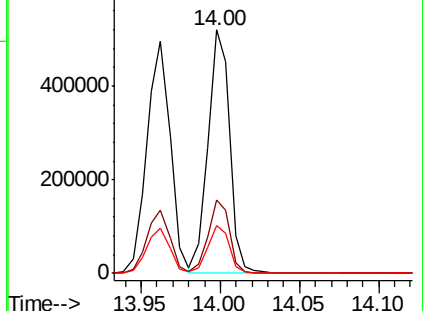
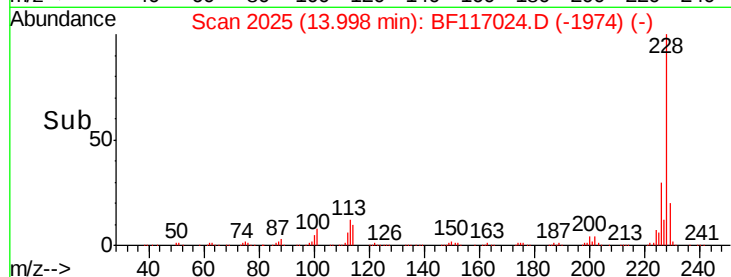
229 19.8 15.8 23.8



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

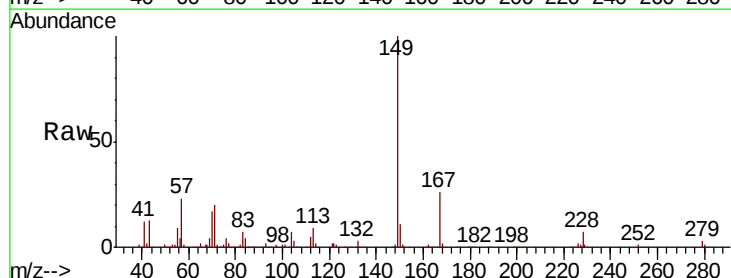
Tgt Ion:149 Resp: 378771

Ion Ratio Lower Upper

149 100

167 26.3 22.2 33.2

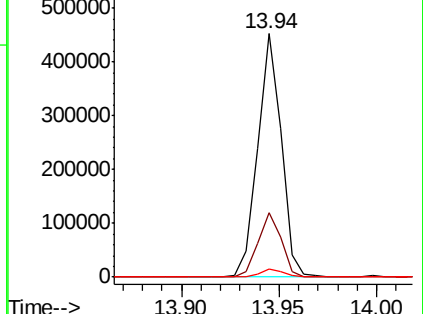
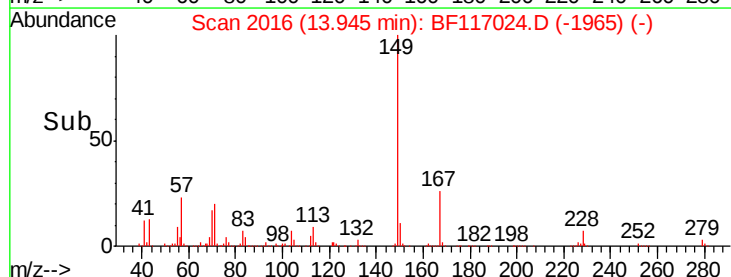
279 3.1 2.8 4.2

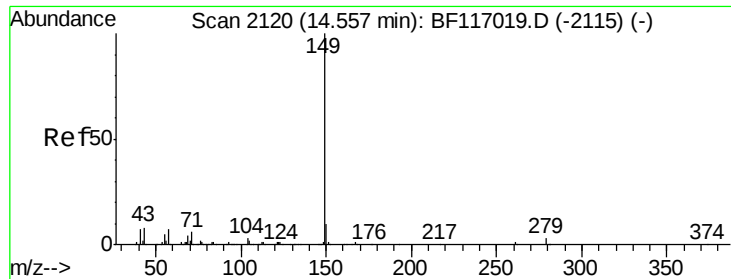


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

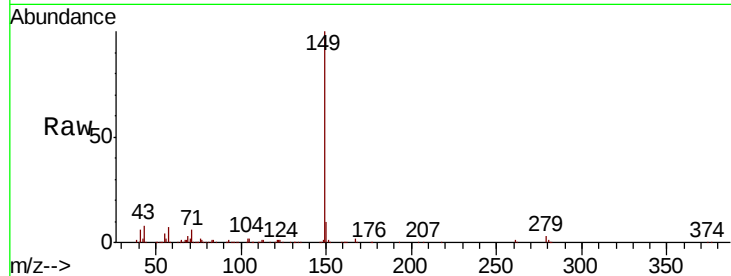




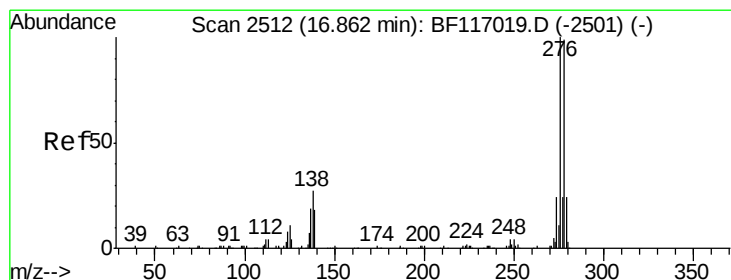
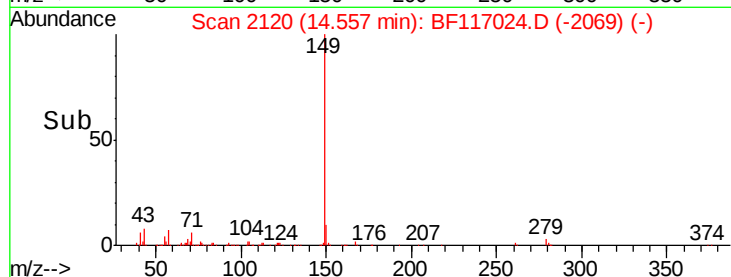
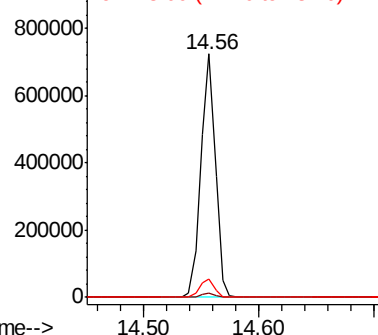
#85
Di-n-octyl phthalate
Concen: 38.949 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

Instrument :
BNA_F
ClientSampled :

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

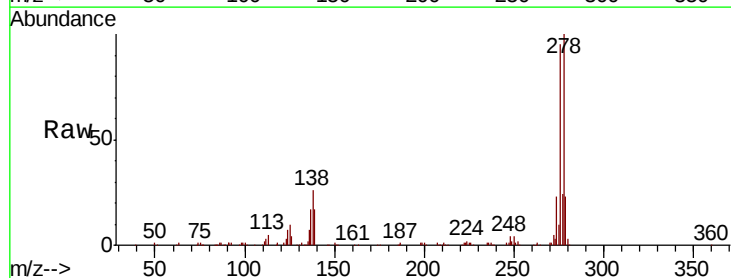


Abundance Ion 149.00 (148.70 to 149.70): E
1000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

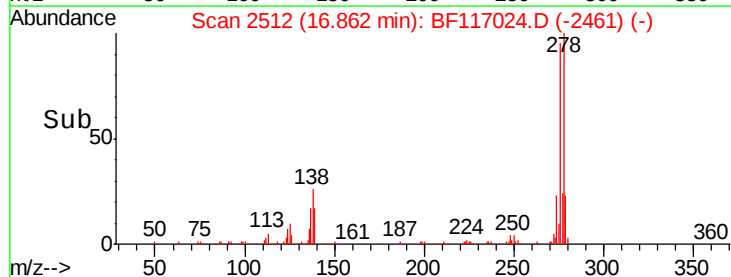
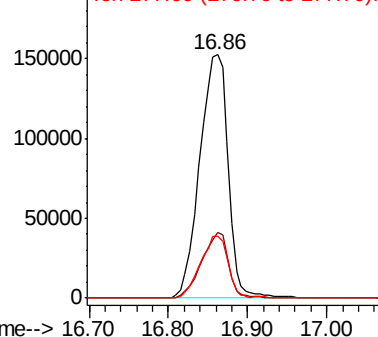


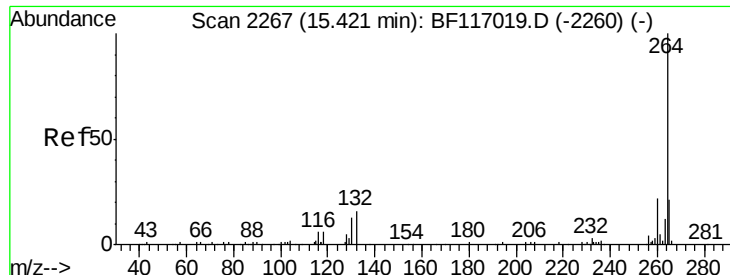
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.494 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

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
200000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

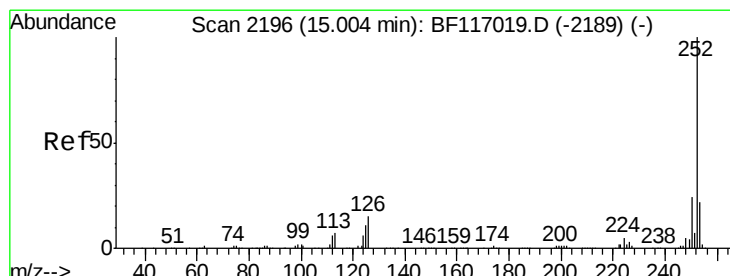
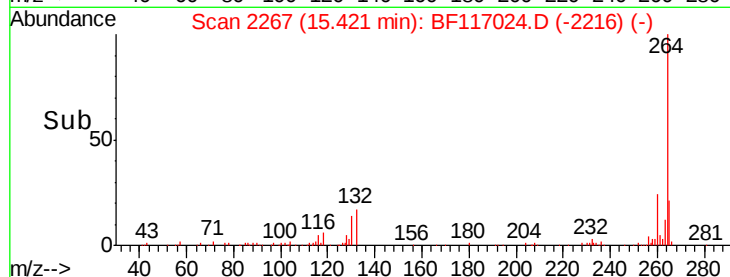
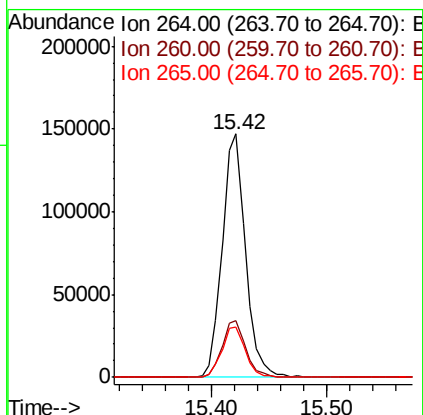
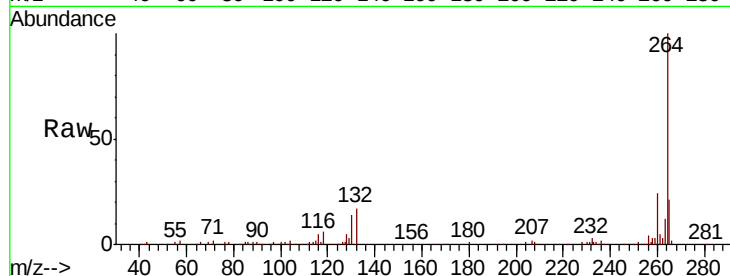




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

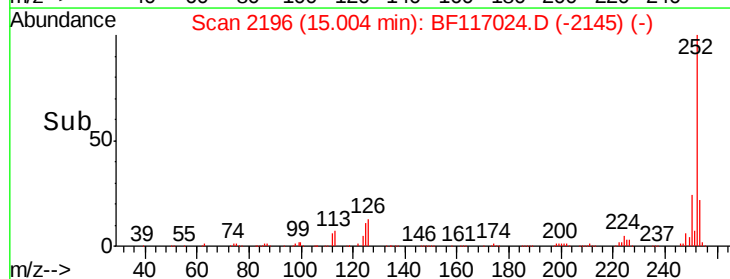
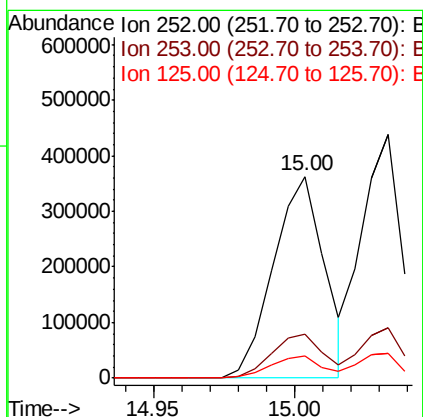
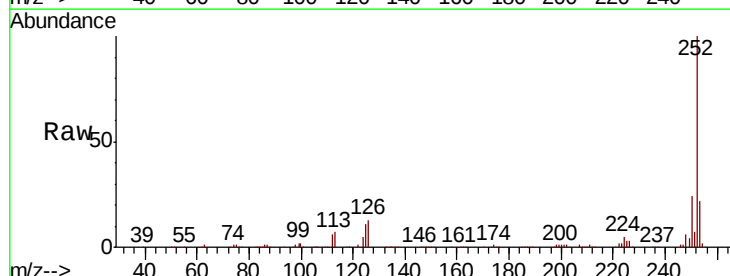
Instrument :
BNA_F
ClientSampleId :

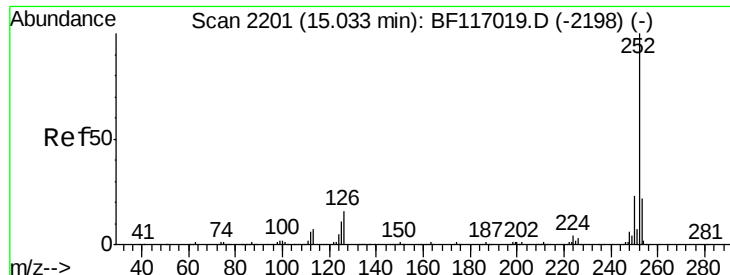
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.6	26.4
265	20.6	16.6	24.8



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

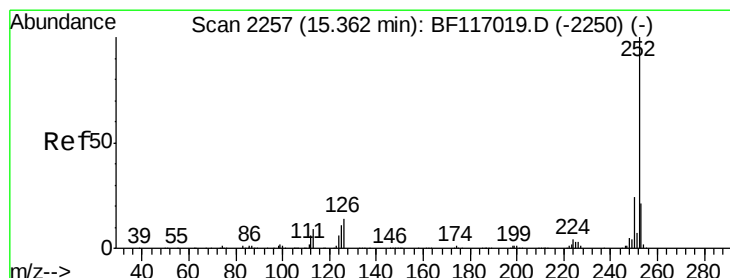
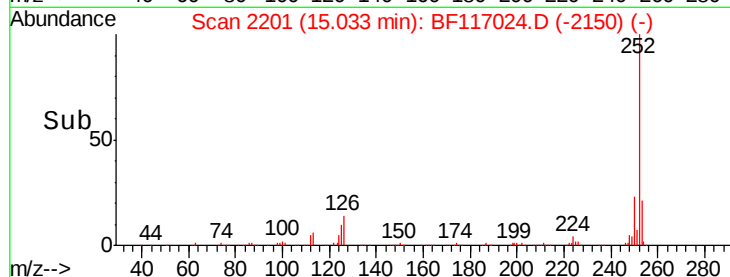
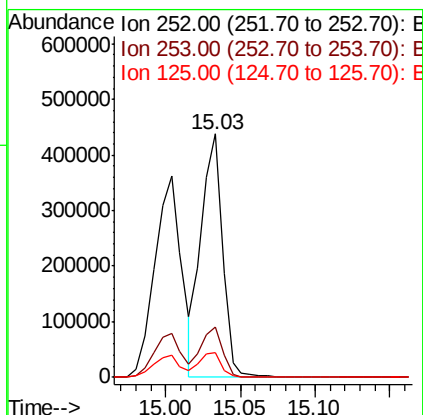
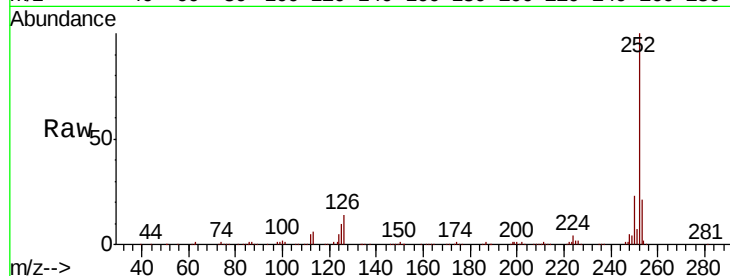




#89
Benzo(k)fluoranthene
Concen: 36.805 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117024.D
Acq: 13 Sep 2019 16:08

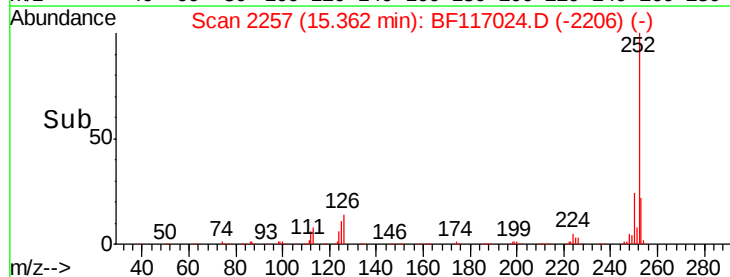
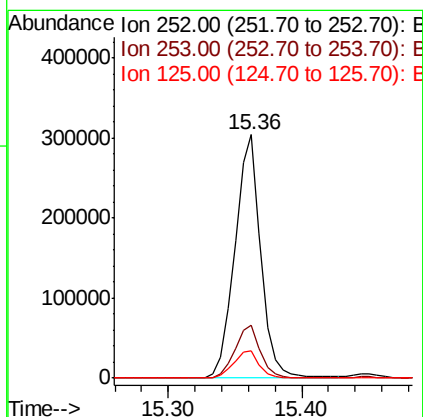
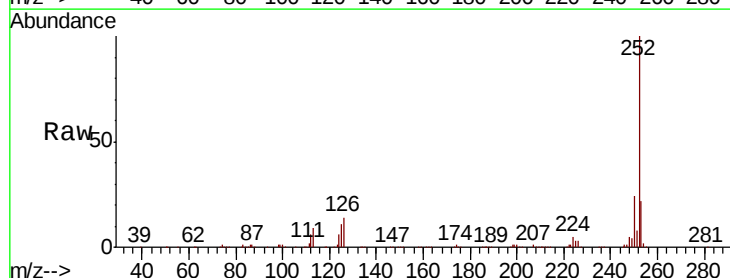
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 433352
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:252 Resp: 408934
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

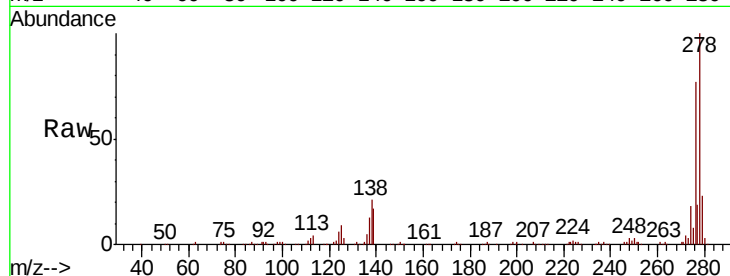
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 310703

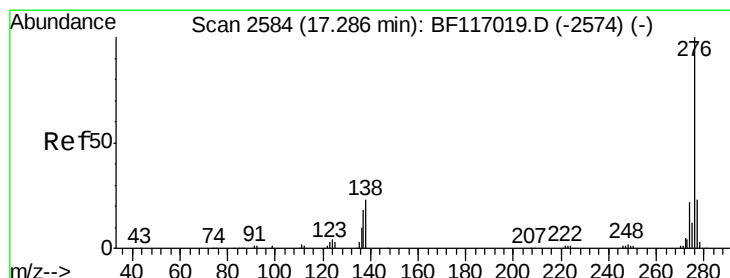
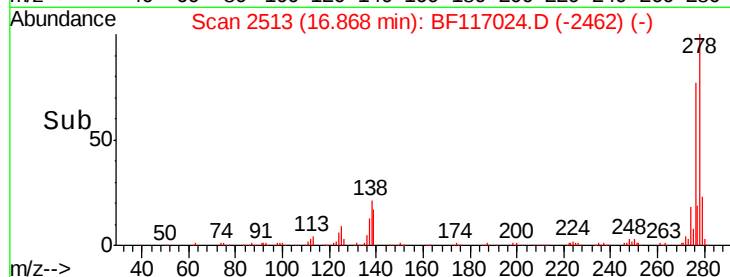
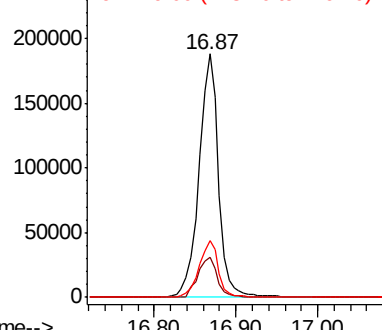
Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.5	20.3
279	23.2	18.8	28.2



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

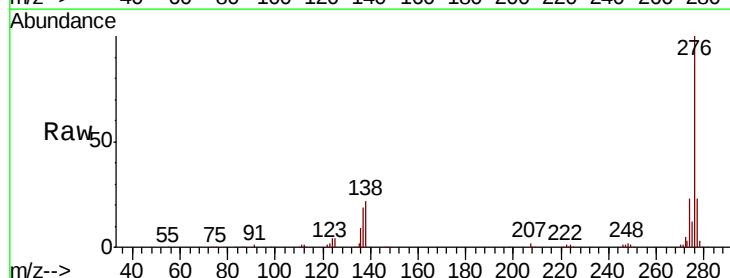
Delta R.T. 0.00 min

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

