

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115078.D
 Acq On : 21 Jun 2019 14:38
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 16:39:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 16:30:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	198977	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	816147	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	399645	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	784869	20.00	ng	0.00
76) Chrysene-d12	13.75	240	581758	20.00	ng	0.00
87) Perylene-d12	15.11	264	675206	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	1067563	89.59	ng	0.00
7) Phenol-d6	6.25	99	1298213	90.31	ng	0.00
23) Nitrobenzene-d5	7.18	82	1096020	80.83	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	353603	82.62	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2007097	85.12	ng	0.00
79) Terphenyl-d14	12.71	244	2249942	72.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	249252	44.686	ng	100
3) Pyridine	2.85	79	698118	44.455	ng	100
4) n-Nitrosodimethylamine	2.80	42	272914	48.950	ng	100
6) Aniline	6.28	93	895975	46.543	ng	100
8) 2-Chlorophenol	6.40	128	603065	44.632	ng	100
9) Benzaldehyde	6.16	77	434341	52.559	ng	100
10) Phenol	6.27	94	757133	47.078	ng	100
11) bis(2-Chloroethyl)ether	6.36	93	554656	44.434	ng	100
12) 1,3-Dichlorobenzene	6.56	146	663633	42.049	ng	100
13) 1,4-Dichlorobenzene	6.64	146	671991	42.352	ng	100
14) 1,2-Dichlorobenzene	6.79	146	626218	41.921	ng	100
15) Benzyl Alcohol	6.77	79	481896	44.745	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.91	45	804722	48.167	ng	100
17) 2-Methylphenol	6.88	107	489463	43.429	ng	100
18) Hexachloroethane	7.14	117	240346	41.945	ng	100
19) n-Nitroso-di-n-propylamine	7.05	70	408196	46.739	ng	100
20) 3+4-Methylphenols	7.04	107	571159	42.581	ng	100
22) Acetophenone	7.03	105	769945	41.675	ng	100
24) Nitrobenzene	7.20	77	604728	43.835	ng	100
25) Isophorone	7.45	82	1103217	43.442	ng	100
26) 2-Nitrophenol	7.52	139	300642	39.098	ng	100
27) 2,4-Dimethylphenol	7.57	122	488503	44.038	ng	100
28) bis(2-Chloroethoxy)methane	7.66	93	712431	43.726	ng	100
29) 2,4-Dichlorophenol	7.76	162	506721	43.241	ng	100
30) 1,2,4-Trichlorobenzene	7.84	180	563839	41.641	ng	100
31) Naphthalene	7.92	128	1679740	43.499	ng	100
32) Benzoic acid	7.68	122	296982	37.002	ng	100
33) 4-Chloroaniline	7.97	127	759480	42.608	ng	100
34) Hexachlorobutadiene	8.05	225	308415	40.978	ng	100
35) Caprolactam	8.35	113	165302	42.352	ng	100
36) 4-Chloro-3-methylphenol	8.45	107	512058	43.360	ng	100
37) 2-Methylnaphthalene	8.61	142	1127550	43.779	ng	100
38) 1-Methylnaphthalene	8.71	142	1083832	44.524	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	478727	40.546	ng	100

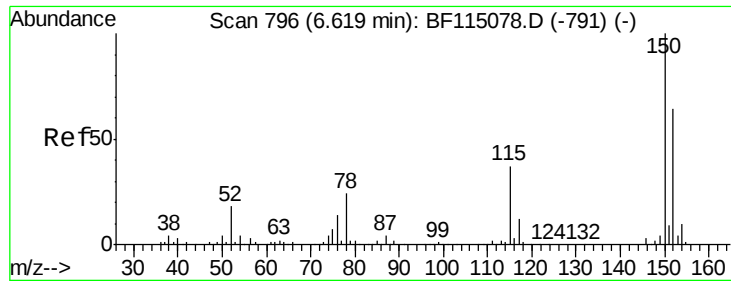
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	279279	48.002	ng	100
43) 2,4,6-Trichlorophenol	8.89	196	366586	41.569	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	367302	41.214	ng	100
46) 1,1'-Biphenyl	9.08	154	1316677	41.113	ng	100
47) 2-Chloronaphthalene	9.10	162	1095390	42.298	ng	100
48) 2-Nitroaniline	9.19	65	317378	41.463	ng	100
49) Acenaphthylene	9.51	152	1709390	42.931	ng	100
50) Dimethylphthalate	9.38	163	1240488	41.274	ng	100
51) 2,6-Dinitrotoluene	9.44	165	282393	41.421	ng	100
52) Acenaphthene	9.68	154	1068037	46.884	ng	100
53) 3-Nitroaniline	9.60	138	346390	41.469	ng	100
54) 2,4-Dinitrophenol	9.70	184	121423	36.719	ng	100
55) Dibenzofuran	9.85	168	1493640	43.504	ng	100
56) 4-Nitrophenol	9.75	139	282683	49.075	ng	100
57) 2,4-Dinitrotoluene	9.84	165	370249	42.668	ng	100
58) Fluorene	10.20	166	1046638	41.680	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.97	232	315572	43.836	ng	100
60) Diethylphthalate	10.08	149	1230006	42.801	ng	100
61) 4-Chlorophenyl-phenylether	10.20	204	501142	40.431	ng	100
62) 4-Nitroaniline	10.21	138	346796	41.293	ng	100
63) Azobenzene	10.35	77	1157301	46.033	ng	100
65) 4,6-Dinitro-2-methylphenol	10.24	198	162698	36.985	ng	100
66) n-Nitrosodiphenylamine	10.31	169	1025298	43.702	ng	100
67) 4-Bromophenyl-phenylether	10.68	248	354495	42.066	ng	100
68) Hexachlorobenzene	10.74	284	382548	41.232	ng	100
69) Atrazine	10.84	200	329385	43.545	ng	100
70) Pentachlorophenol	10.93	266	250032	49.624	ng	100
71) Phenanthrene	11.15	178	1704265	42.056	ng	100
72) Anthracene	11.20	178	1746284	42.715	ng	100
73) Carbazole	11.35	167	1599581	44.827	ng	100
74) Di-n-butylphthalate	11.71	149	1853700	41.207	ng	100
75) Fluoranthene	12.32	202	1775062	42.837	ng	100
77) Benzidine	12.45	184	1070022	45.473	ng	100
78) Pyrene	12.55	202	1825713	34.449	ng	100
80) Butylbenzylphthalate	13.19	149	805440	32.538	ng	100
81) Benzo(a)anthracene	13.74	228	1717809	39.459	ng	100
82) 3,3'-Dichlorobenzidine	13.71	252	635232	38.060	ng	100
83) Chrysene	13.77	228	1569900	36.264	ng	100
84) Bis(2-ethylhexyl)phthalate	13.76	149	1055685	36.084	ng	100
85) Di-n-octyl phthalate	14.37	149	1791008	35.550	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	1900327	49.973	ng	100
88) Benzo(b)fluoranthene	14.74	252	1792457	39.934	ng	100
89) Benzo(k)fluoranthene	14.77	252	1454807	36.926	ng	100
90) Benzo(a)pyrene	15.06	252	1587198	40.980	ng	100
91) Dibenzo(a,h)anthracene	16.42	278	1530661	45.890	ng	100
92) Benzo(g,h,i)perylene	16.78	276	1563928	45.975	ng	100

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

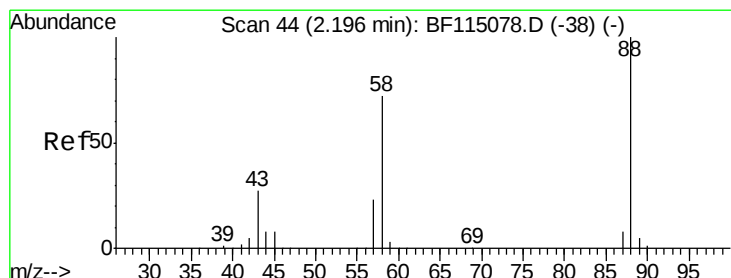
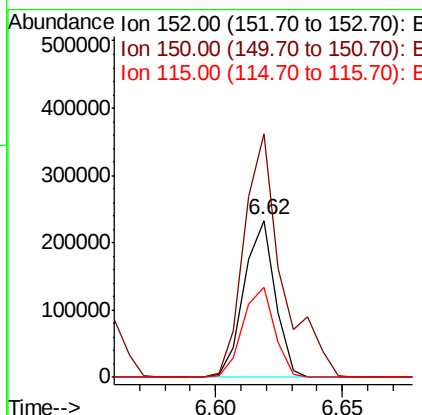
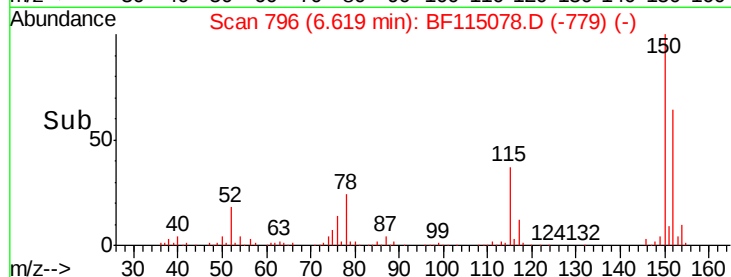
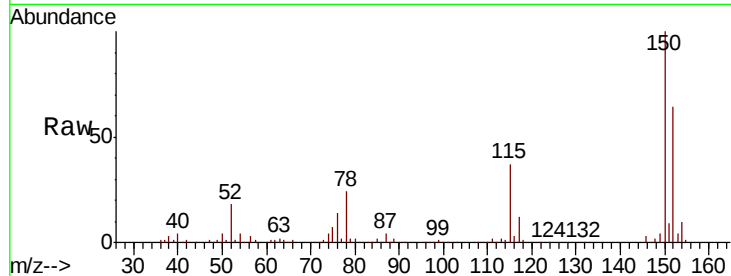


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampled :

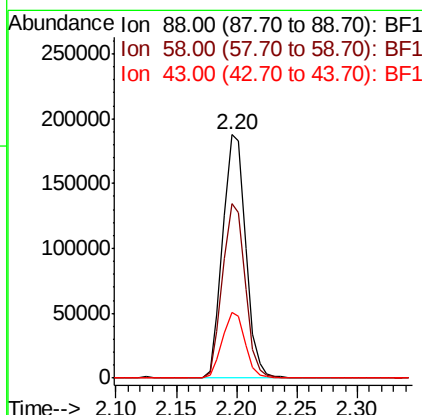
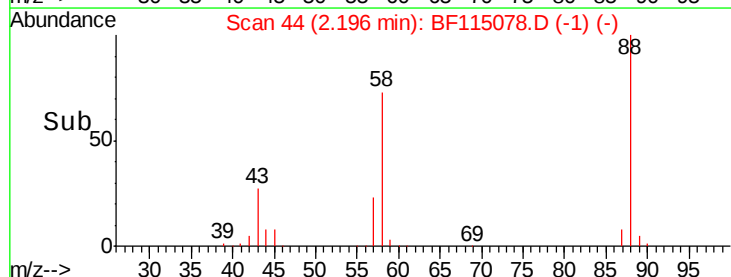
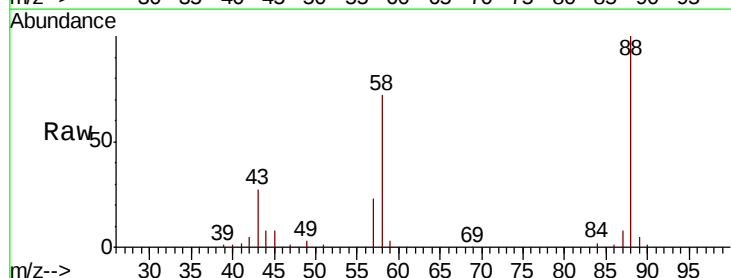
Tot Ion:152 Resp: 198977
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 57.6 46.1 69.1

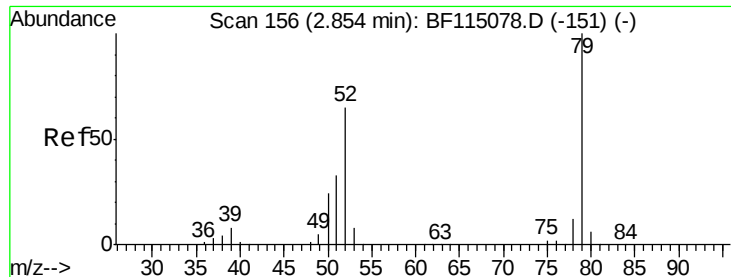


#2

1,4-Dioxane
Concen: 44.686 ng
RT: 2.20 min Scan# 44
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion: 88 Resp: 249252
Ion Ratio Lower Upper
88 100
58 70.1 56.1 84.1
43 26.6 21.3 31.9

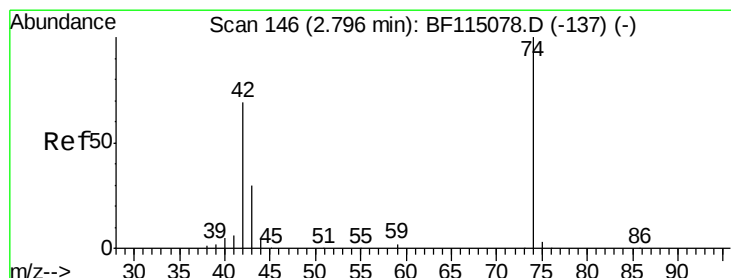
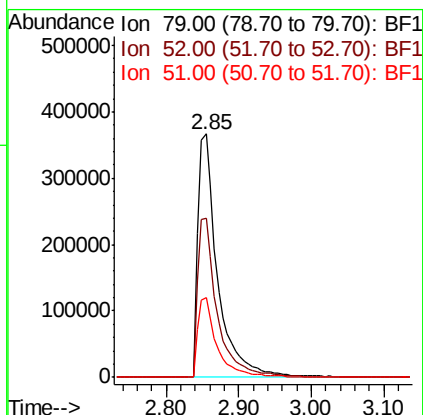
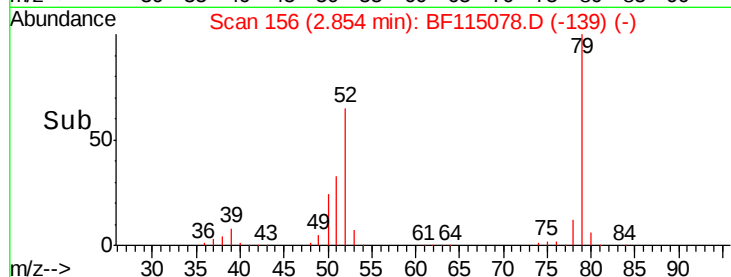
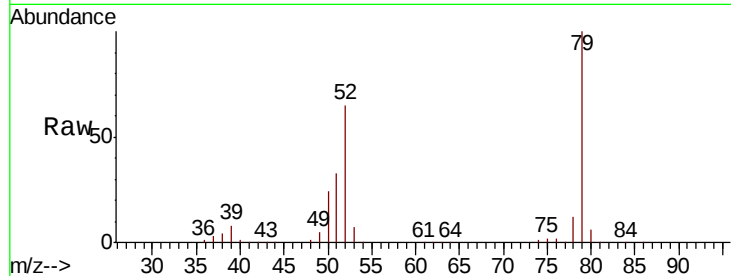




#3
 Pvridine
 Concen: 44.455 ng
 RT: 2.85 min Scan# 156
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

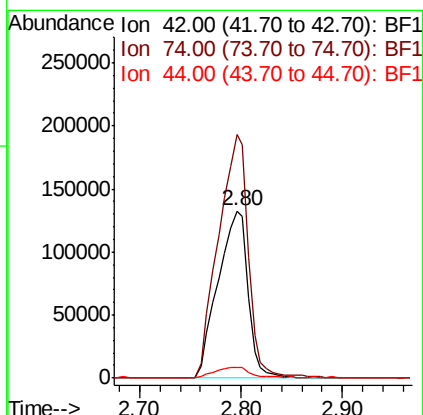
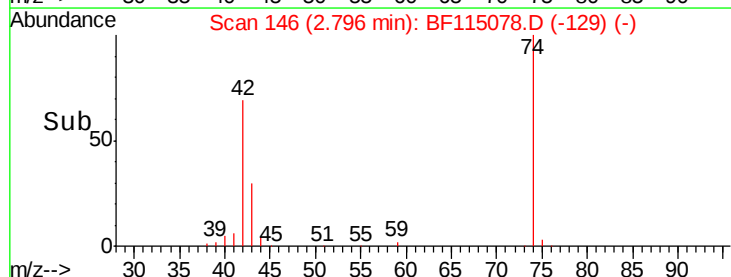
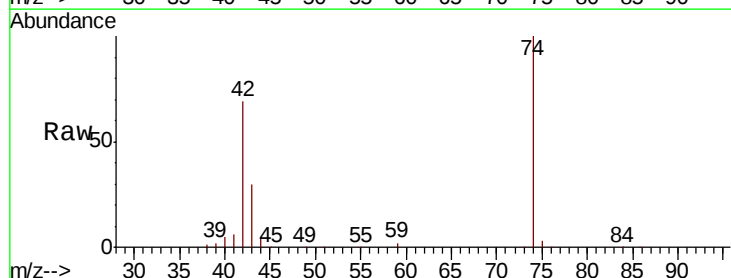
Instrument :
 BNA_F
 ClientSampleId :

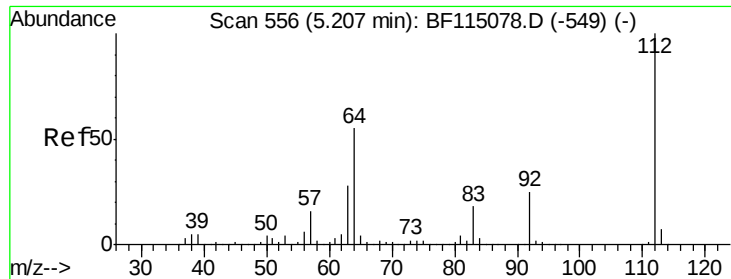
Tot Ion: 79 Resp: 698118
 Ion Ratio Lower Upper
 79 100
 52 65.4 52.3 78.5
 51 32.6 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 48.950 ng
 RT: 2.80 min Scan# 146
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Tgt Ion: 42 Resp: 272914
 Ion Ratio Lower Upper
 42 100
 74 145.8 116.6 175.0
 44 6.6 5.3 7.9





#5

2-Fluorophenol

Concen: 89.588 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampleId :

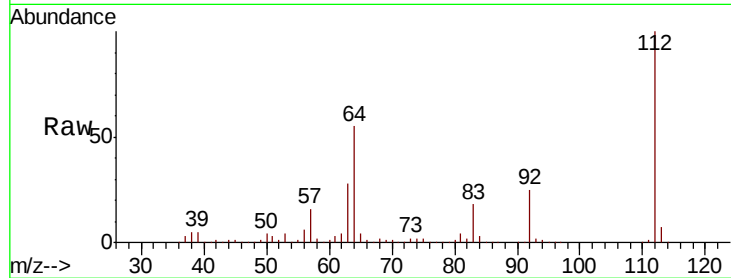
Tot Ion: 112 Resp: 1067563

Ion Ratio Lower Upper

112 100

64 54.7 43.8 65.6

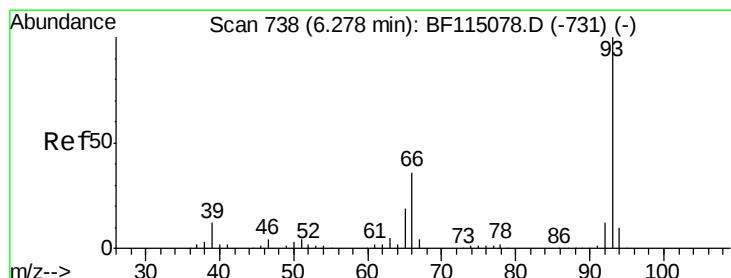
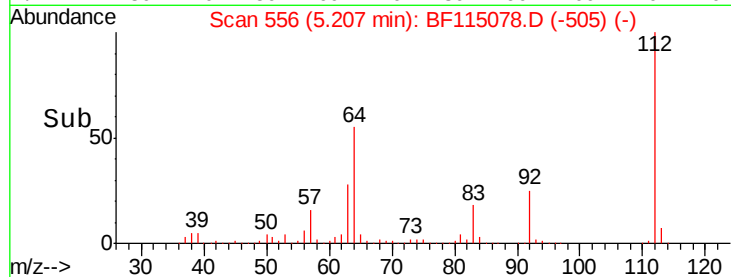
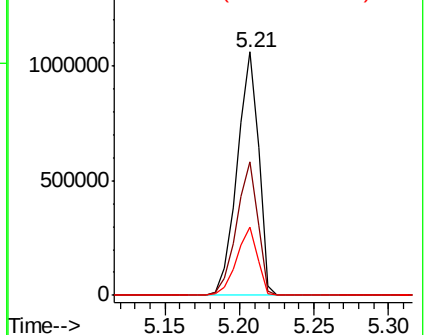
63 27.8 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 46.543 ng

RT: 6.28 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

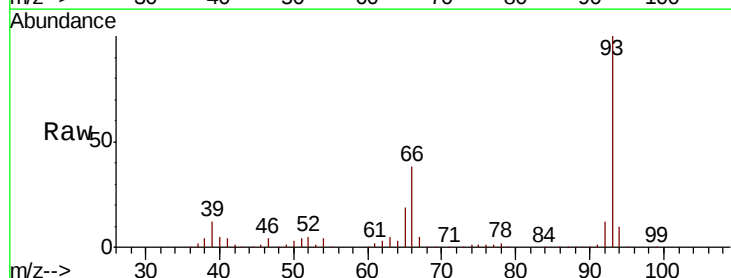
Tgt Ion: 93 Resp: 895975

Ion Ratio Lower Upper

93 100

66 37.5 30.0 45.0

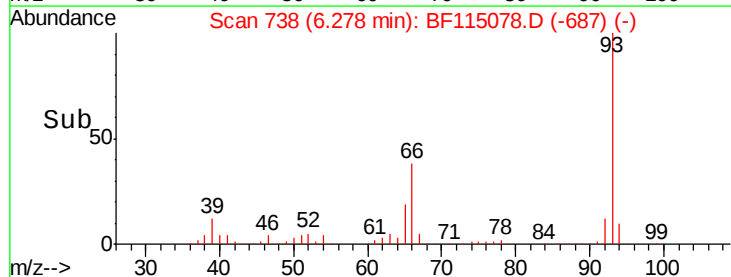
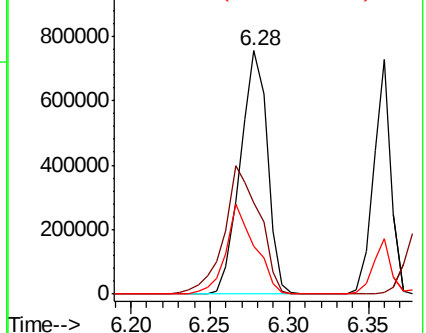
65 19.5 15.6 23.4



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: 90.314 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

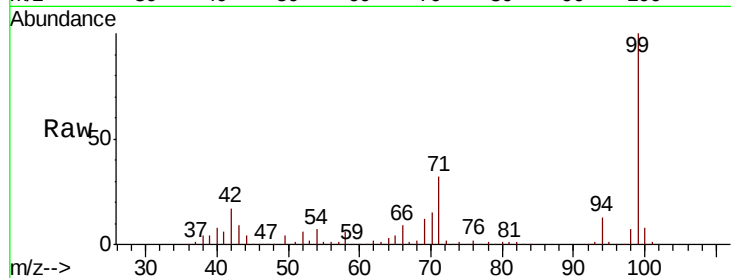
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1298213

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.6	20.4
71	31.9	25.5	38.3

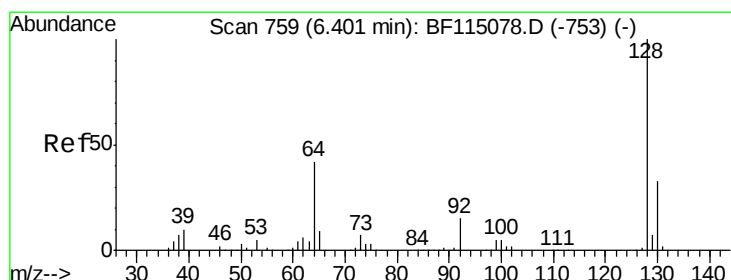
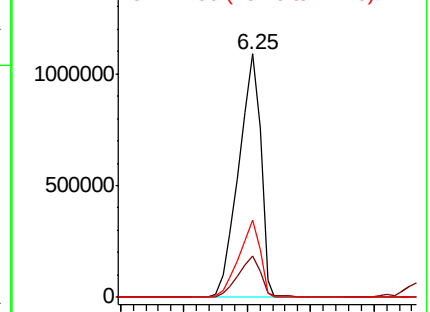
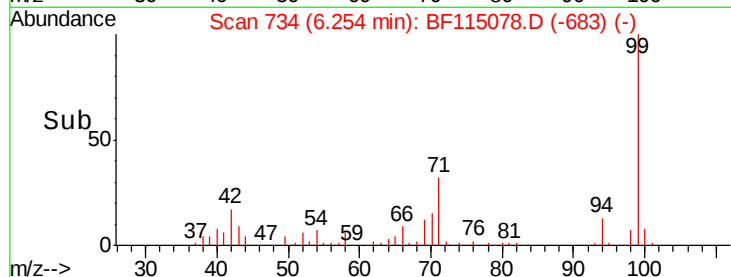


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.632 ng

RT: 6.40 min Scan# 759

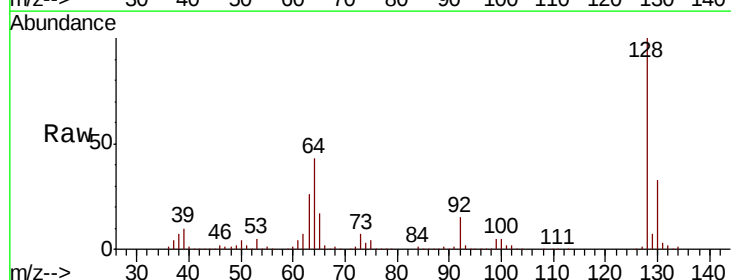
Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Tgt Ion: 128 Resp: 603065

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	42.9	22.9	62.9

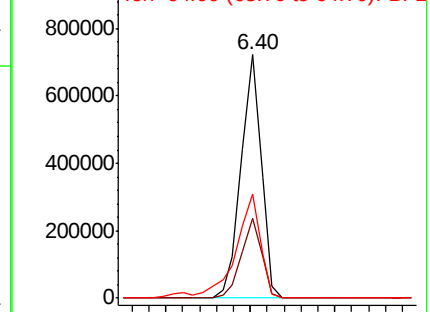
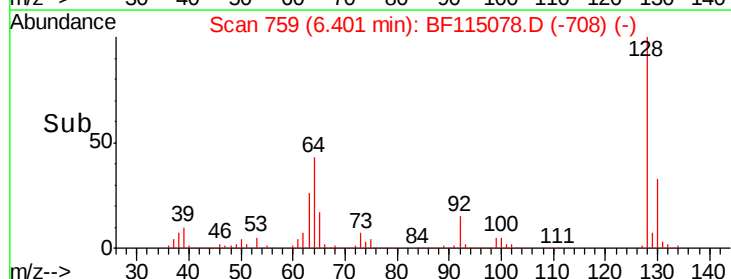


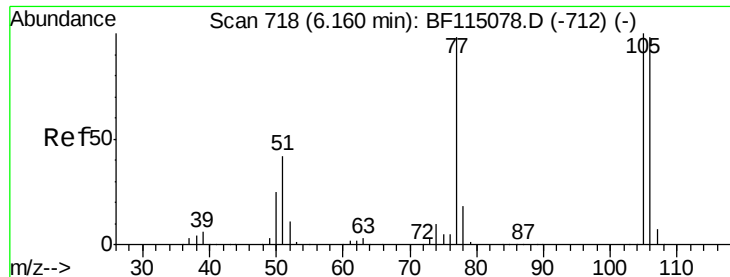
Abundance

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: 52.559 ng

RT: 6.16 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampleId :

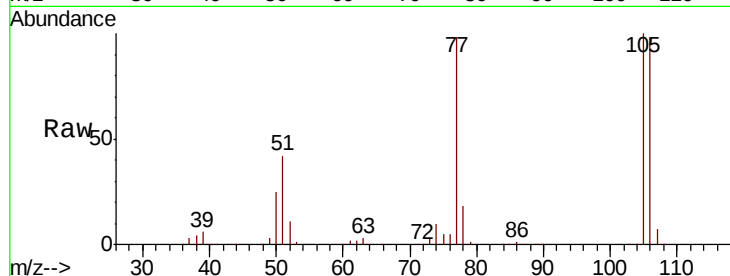
Tot Ion: 77 Resp: 434341

Ion Ratio Lower Upper

77 100

105 101.5 81.5 121.5

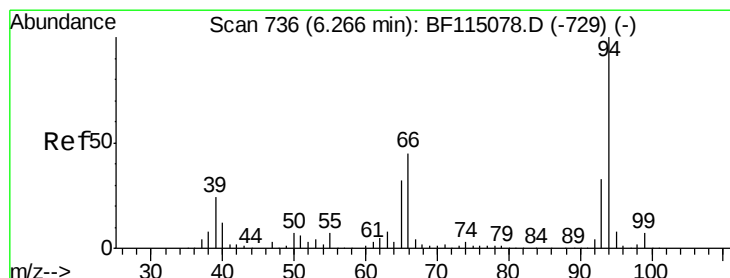
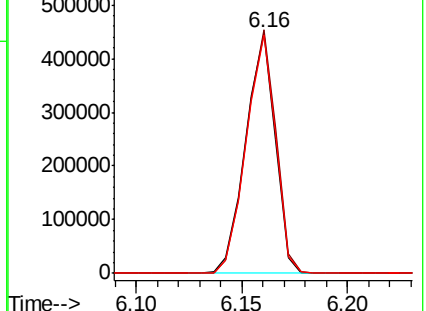
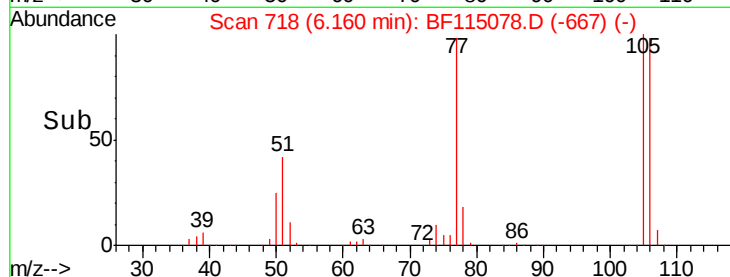
106 99.7 79.7 119.7



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: 47.078 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

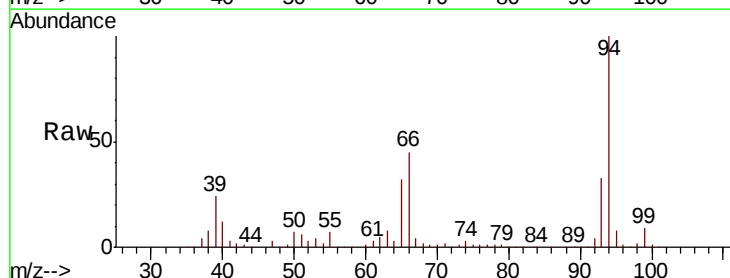
Tgt Ion: 94 Resp: 757133

Ion Ratio Lower Upper

94 100

65 31.9 11.9 51.9

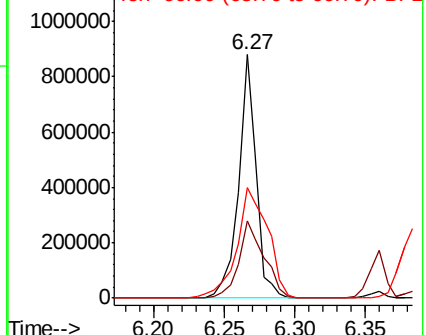
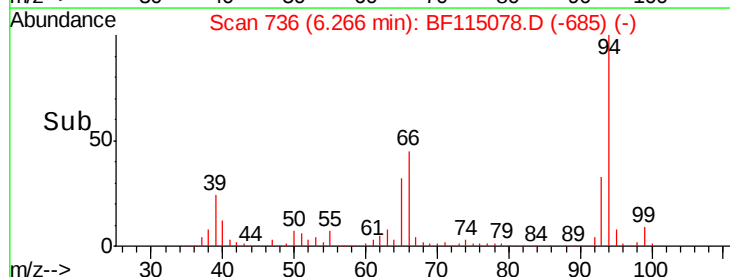
66 45.2 25.2 65.2



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

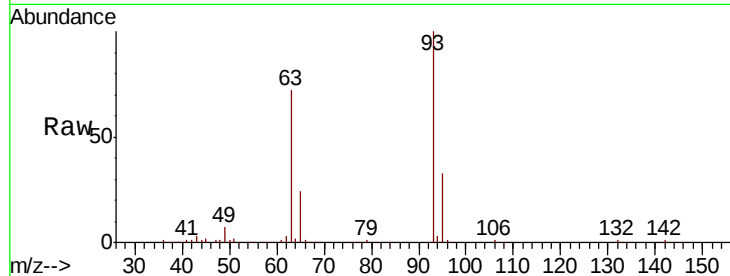




#11
bis(2-Chloroethyl)ether
Concen: 44.434 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.5	51.5	91.5
95	33.4	13.4	53.4

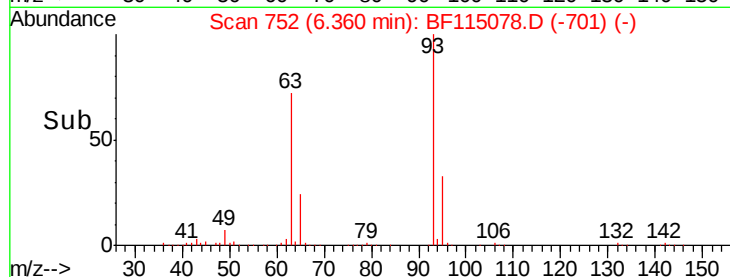
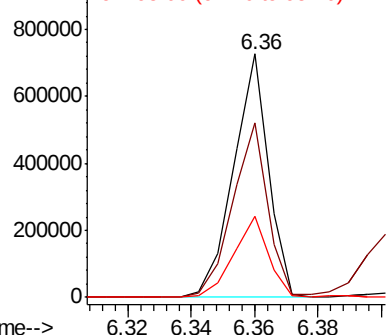


Abundance

Ion 93.00 (92.70 to 93.70): BF1

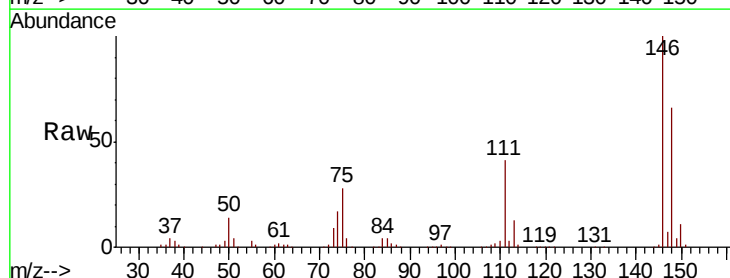
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 42.049 ng
RT: 6.56 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.6	78.8
75	28.3	22.6	34.0

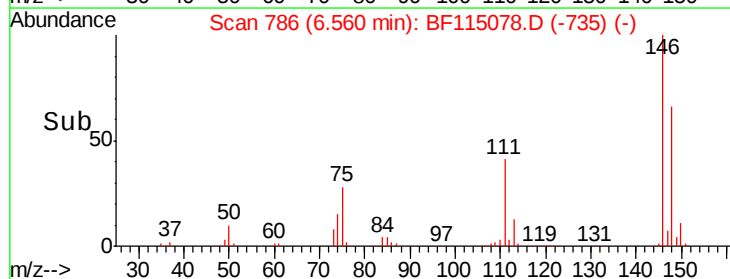
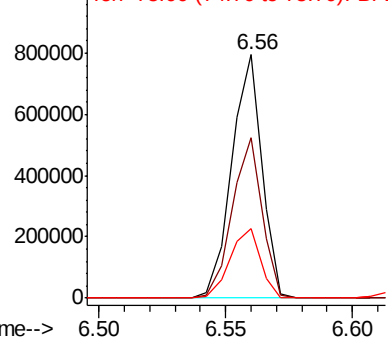


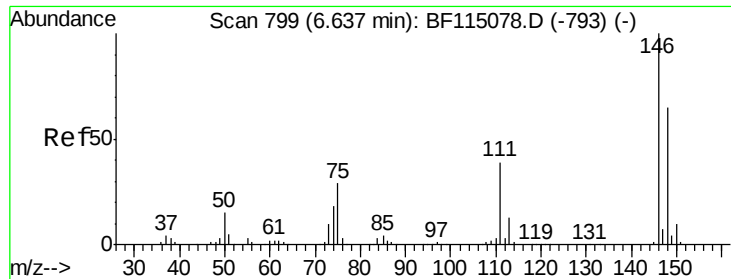
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

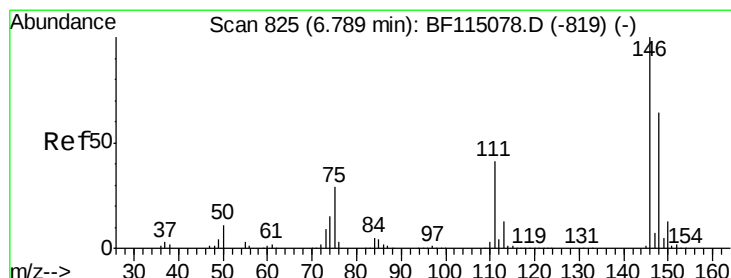
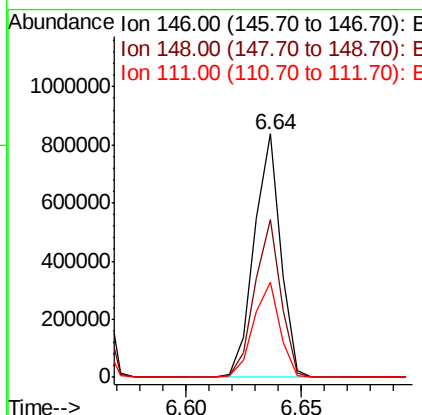
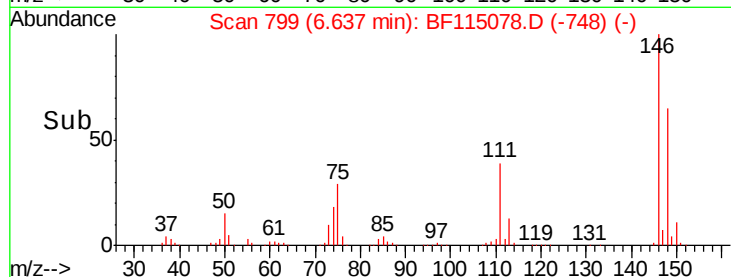
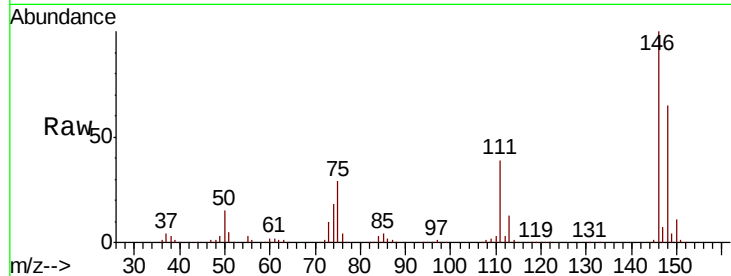




#13
 1,4-Dichlorobenzene
 Concen: 42.352 ng
 RT: 6.64 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

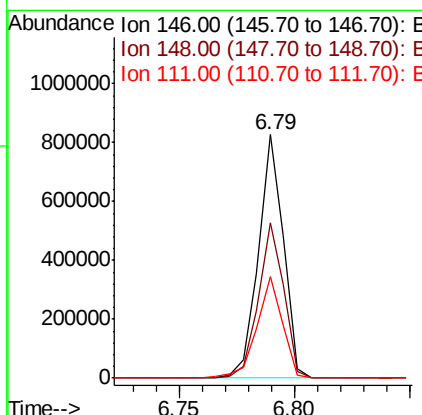
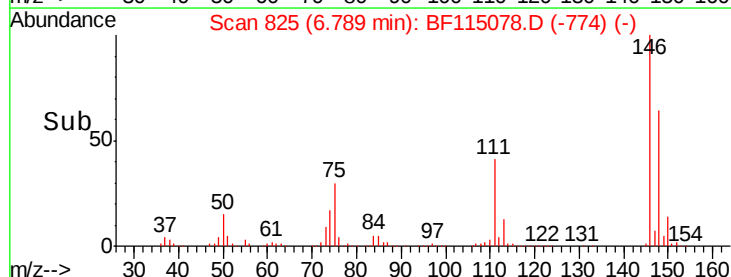
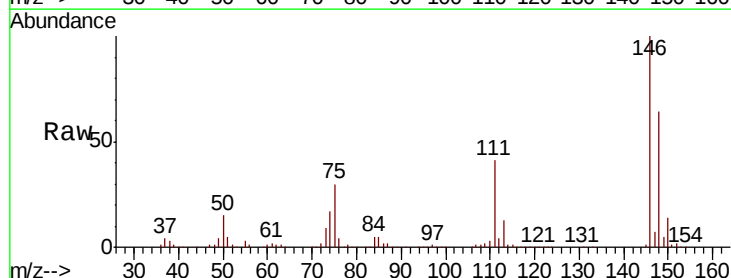
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 671991
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 39.2 31.4 47.0



#14
 1,2-Dichlorobenzene
 Concen: 41.921 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Tgt Ion:146 Resp: 626218
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 41.5 33.2 49.8

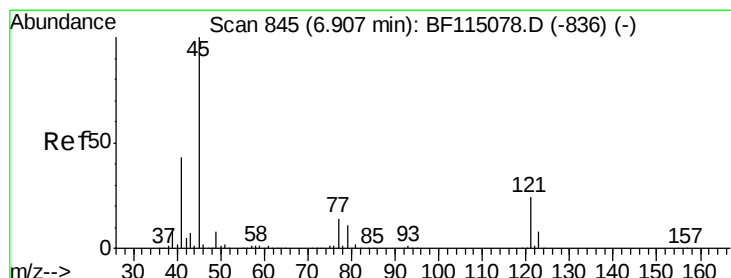
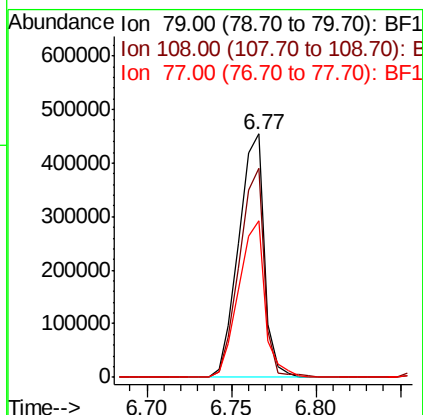
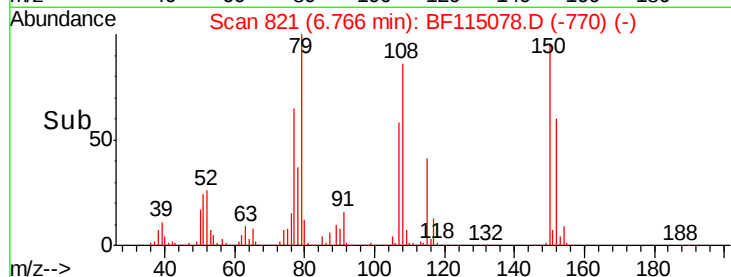
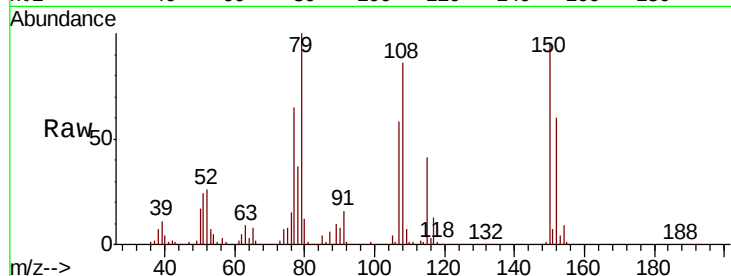




#15
Benzyl Alcohol
Concen: 44.745 ng
RT: 6.77 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

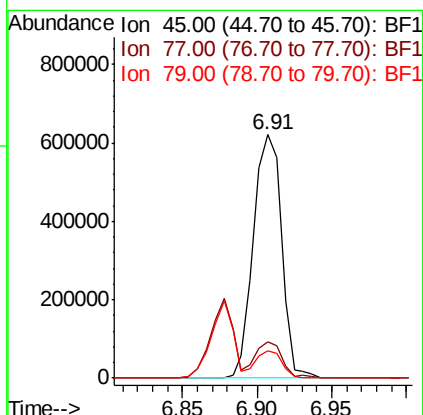
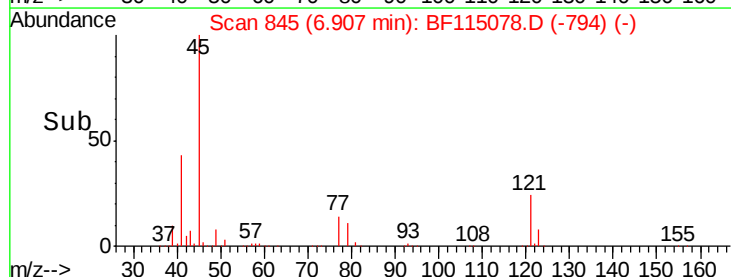
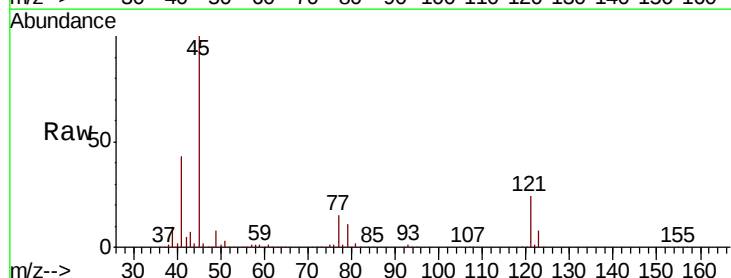
Instrument :
BNA_F
ClientSampleId :

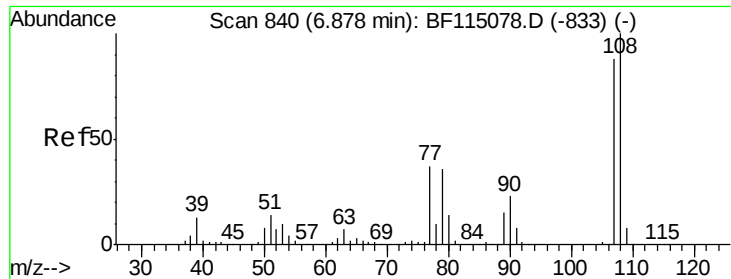
Tot Ion: 79 Resp: 481896
Ion Ratio Lower Upper
79 100
108 85.9 68.7 103.1
77 64.6 51.7 77.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 48.167 ng
RT: 6.91 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion: 45 Resp: 804722
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.6
79 11.2 0.0 31.2

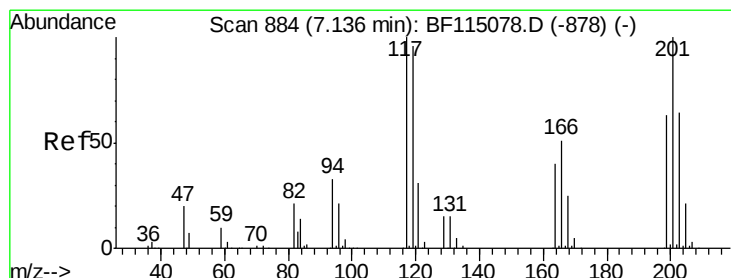
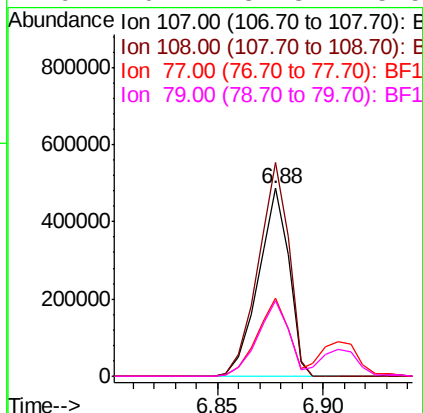
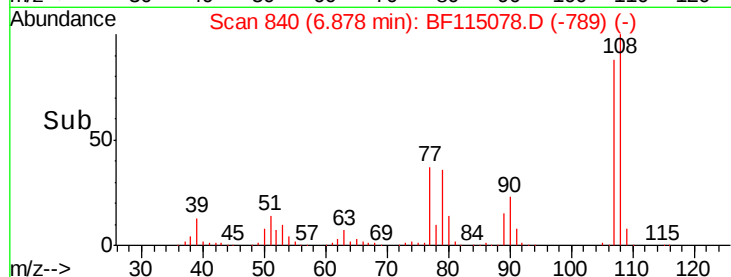
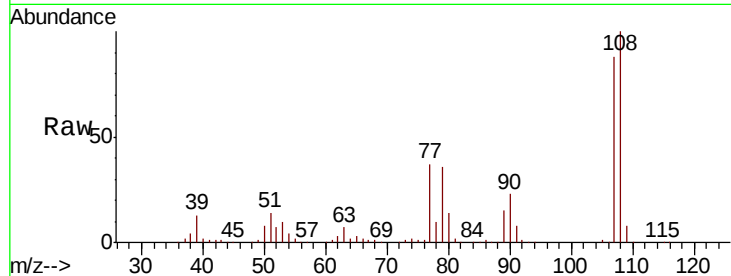




#17
2-Methylphenol
Concen: 43.429 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

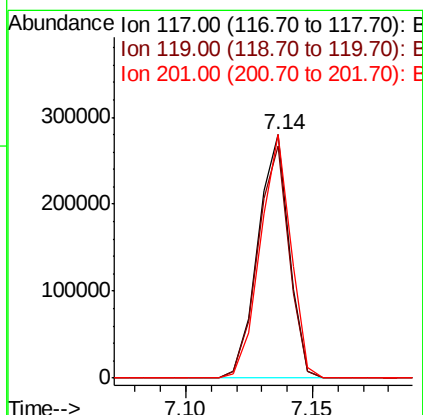
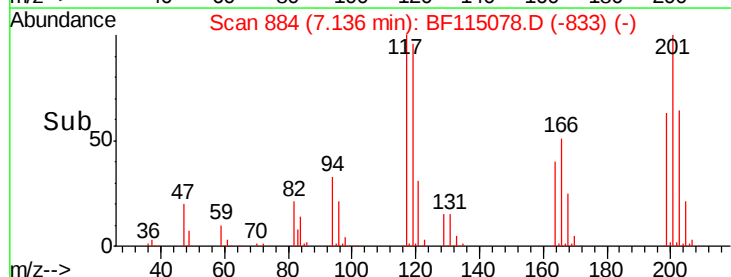
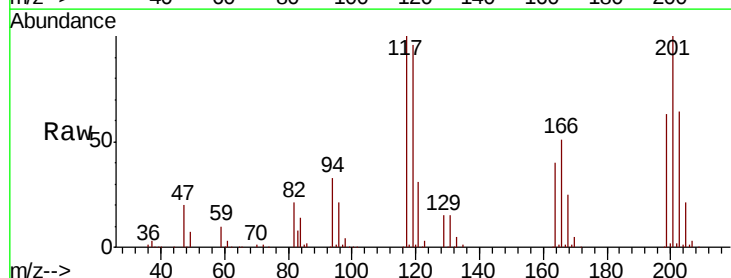
Instrument :
BNA_F
ClientSampleId :

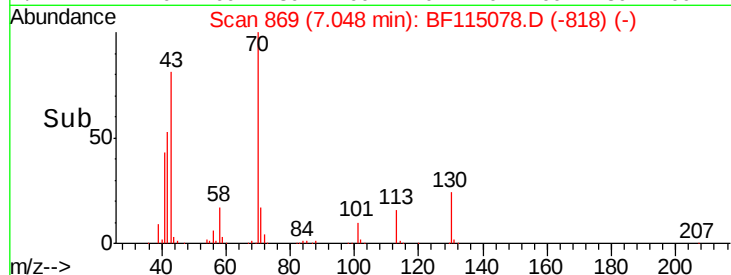
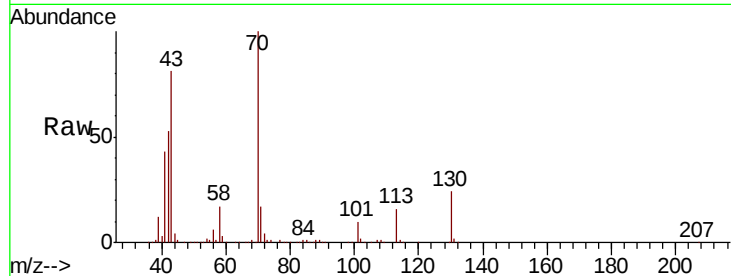
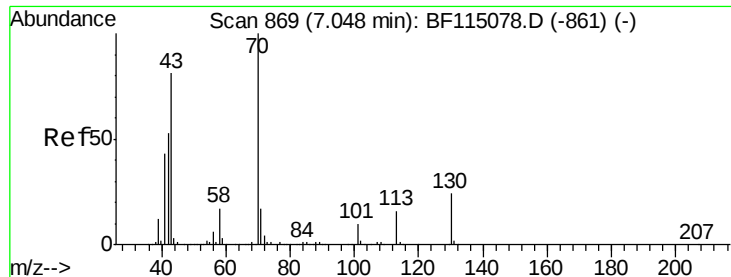
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	41.8	33.4	50.2
79	40.4	32.3	48.5



#18
Hexachloroethane
Concen: 41.945 ng
RT: 7.14 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
201	100.2	80.2	120.2

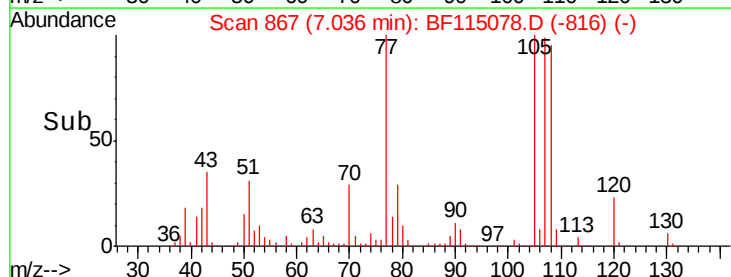
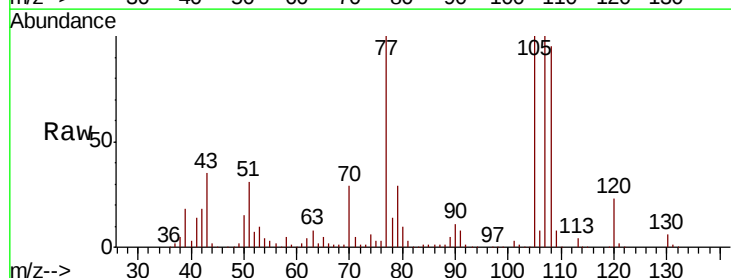
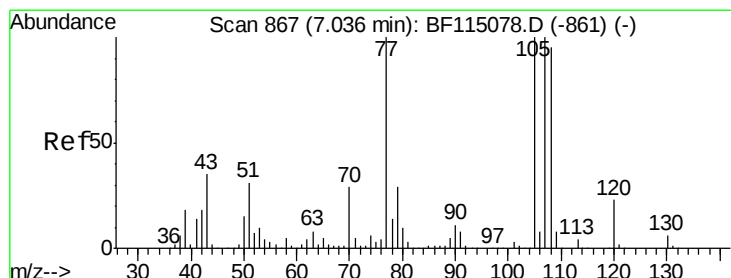
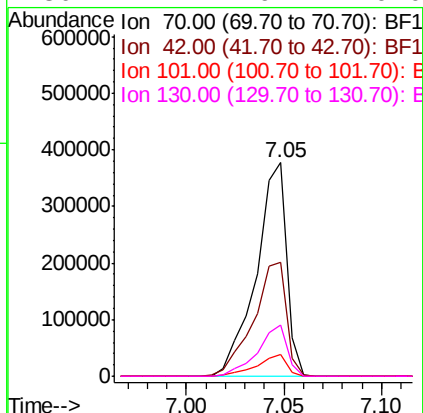




#19
n-Nitroso-di-n-propylamine
Concen: 46.739 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

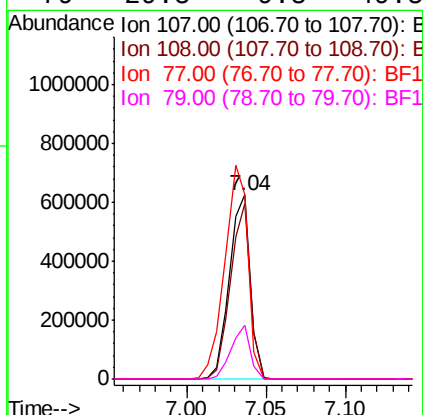
Instrument :
BNA_F
ClientSampleId :

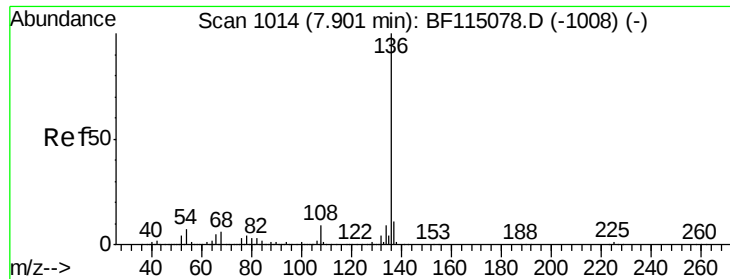
Tot Ion:	70	Resp:	408196
Ion	Ratio	Lower	Upper
70	100		
42	53.2	42.6	63.8
101	10.0	8.0	12.0
130	24.2	19.4	29.0



#20
3+4-Methylphenols
Concen: 42.581 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion:	107	Resp:	571159
Ion	Ratio	Lower	Upper
107	100		
108	95.5	75.5	115.5
77	100.2	80.2	120.2
79	29.5	9.5	49.5

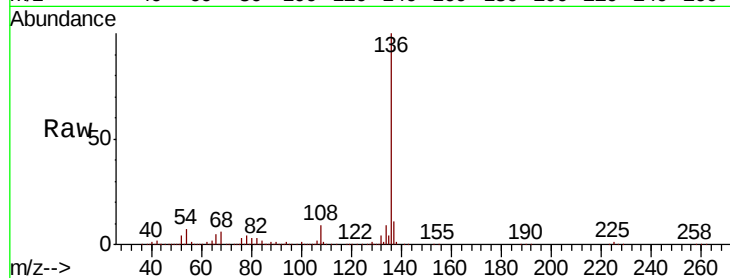




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	816147
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 7.0	5.6	8.4
68 6.0	4.8	7.2



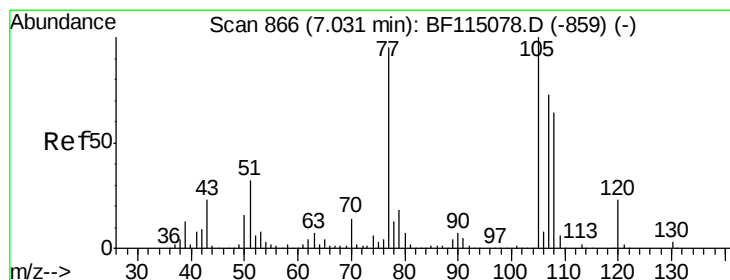
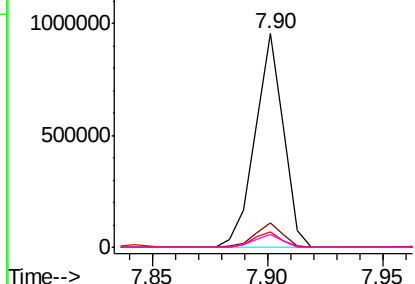
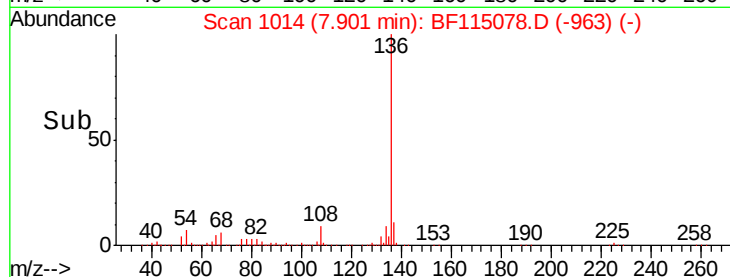
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

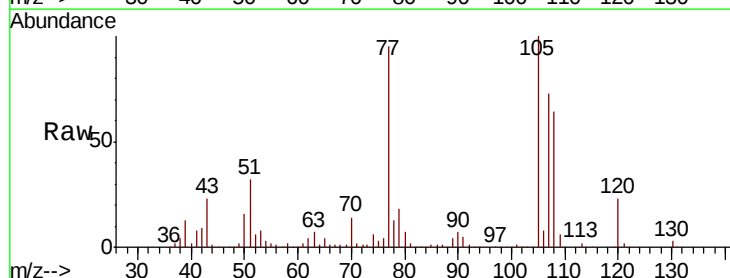
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.675 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt	Ion:105	Resp:	769945
Ion	Ratio	Lower	Upper
105	100		
71	2.4	1.9	2.9
51	32.3	25.8	38.8
120	23.1	18.5	27.7



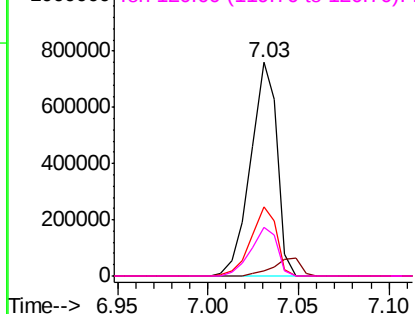
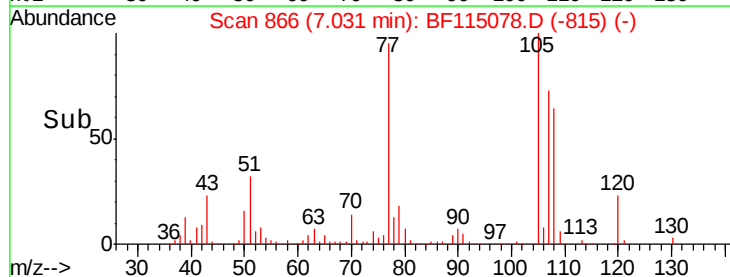
Abundance

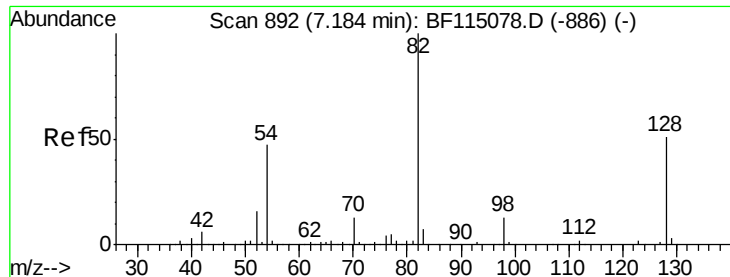
Ion 105.00 (104.70 to 105.70): E

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

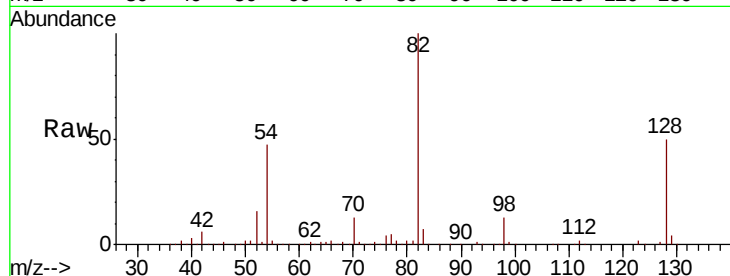




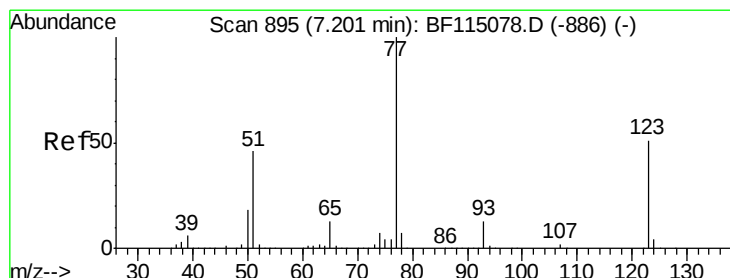
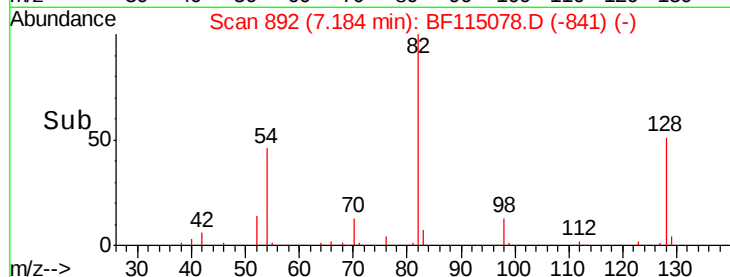
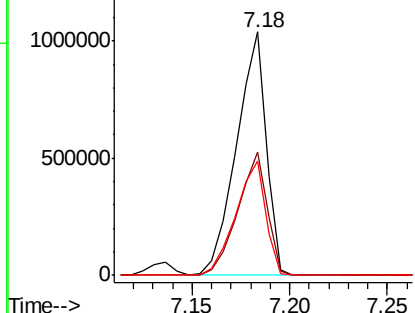
#23
Nitrobenzene-d5
Concen: 80.833 ng
RT: 7.18 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1096020
Ion Ratio Lower Upper
82 100
128 50.5 40.4 60.6
54 46.9 37.5 56.3

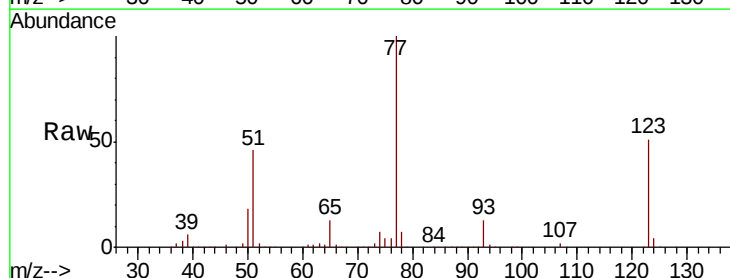


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

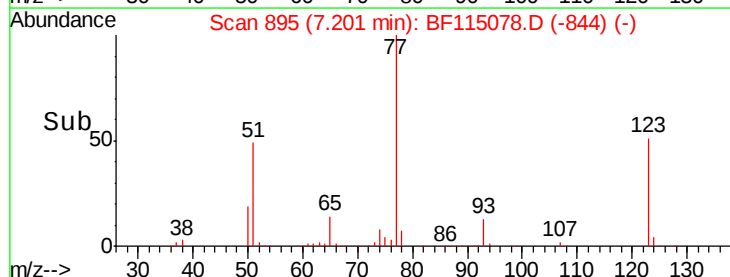
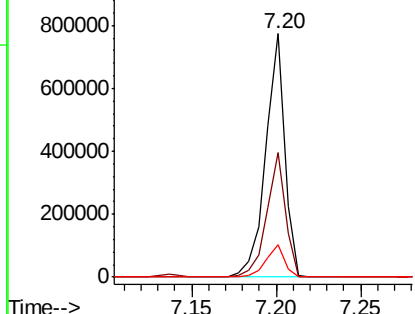


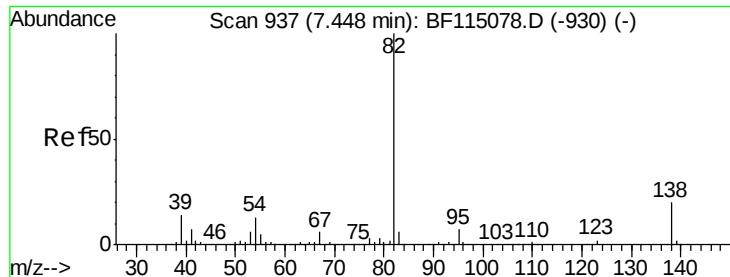
#24
Nitrobenzene
Concen: 43.835 ng
RT: 7.20 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion: 77 Resp: 604728
Ion Ratio Lower Upper
77 100
123 51.3 41.0 61.6
65 13.1 10.5 15.7



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





#25

Isophorone

Concen: 43.442 ng

RT: 7.45 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampled :

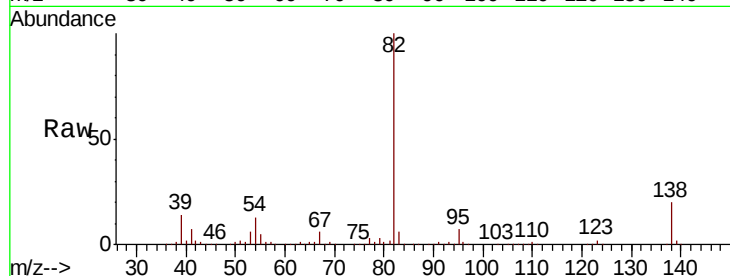
Tot Ion: 82 Resp: 1103217

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

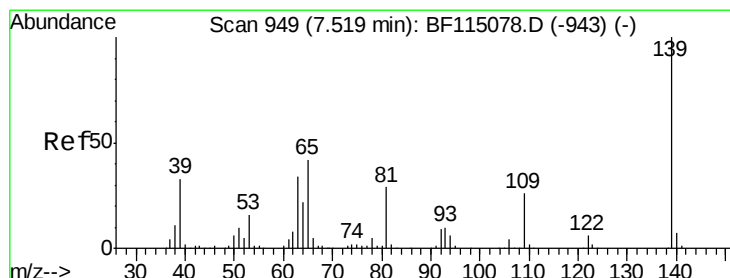
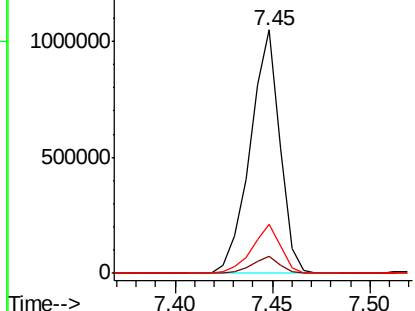
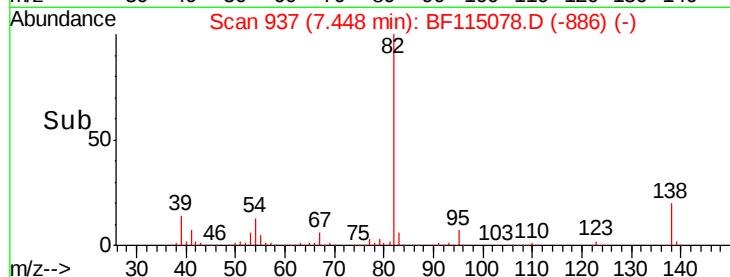
138 19.9 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.098 ng

RT: 7.52 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

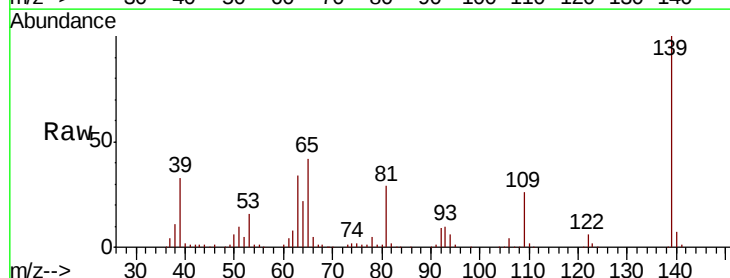
Tgt Ion: 139 Resp: 300642

Ion Ratio Lower Upper

139 100

109 25.5 20.4 30.6

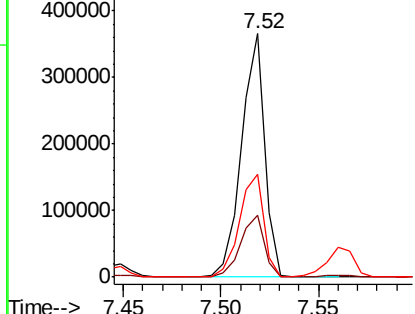
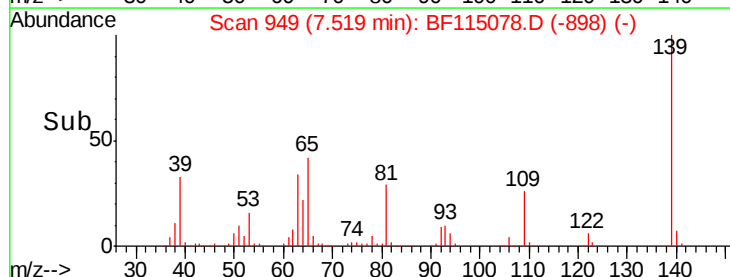
65 42.0 33.6 50.4

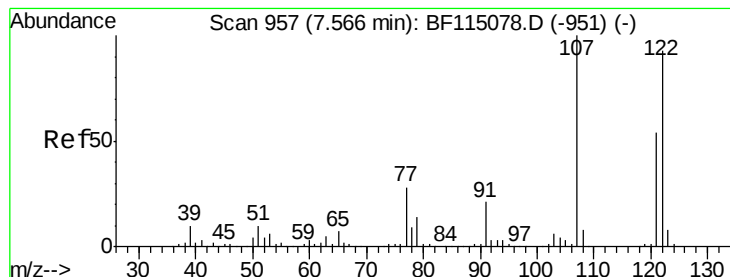


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.038 ng

RT: 7.57 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampleId :

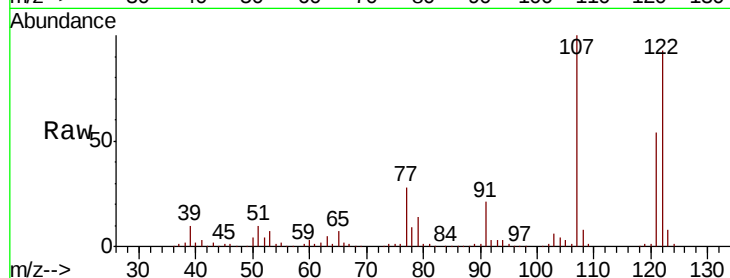
Tot Ion:122 Resp: 488503

Ion Ratio Lower Upper

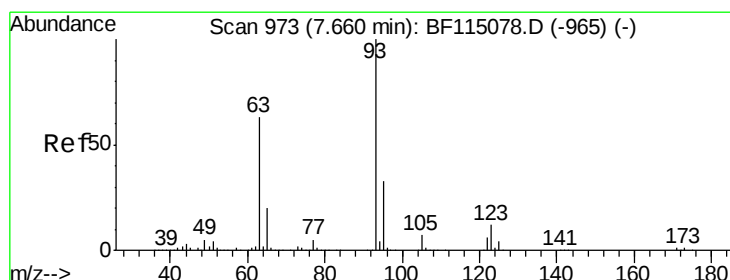
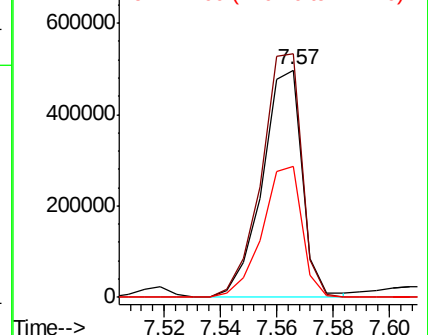
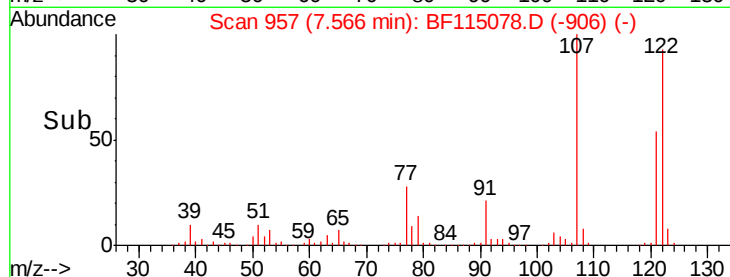
122 100

107 107.2 85.8 128.6

121 57.9 46.3 69.5



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: 43.726 ng

RT: 7.66 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

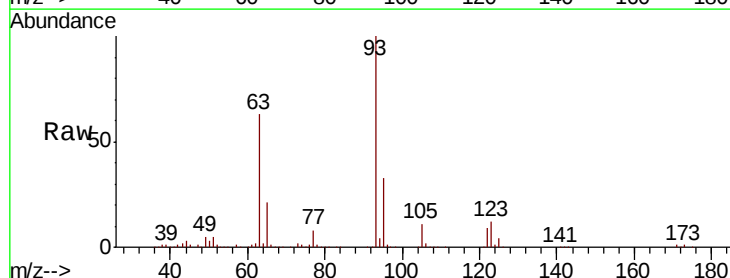
Tgt Ion: 93 Resp: 712431

Ion Ratio Lower Upper

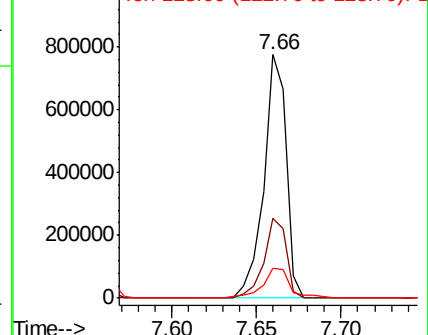
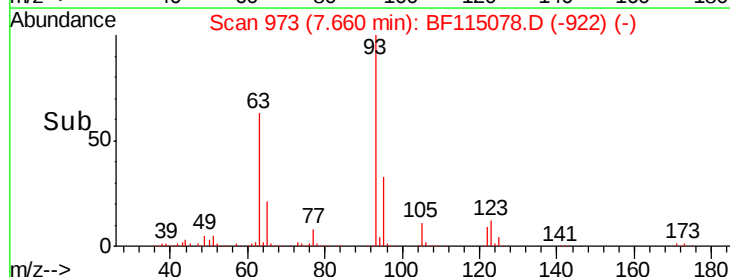
93 100

95 32.8 26.2 39.4

123 12.1 9.7 14.5



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

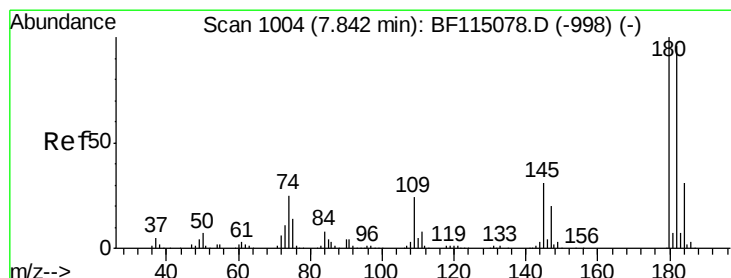
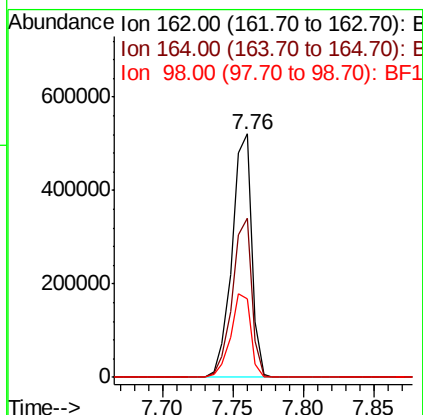
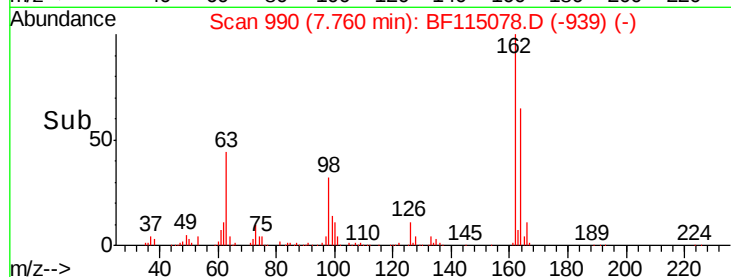
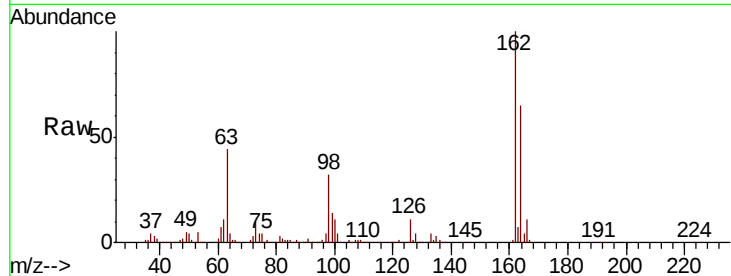




#29
 2,4-Dichlorophenol
 Concen: 43.241 ng
 RT: 7.76 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

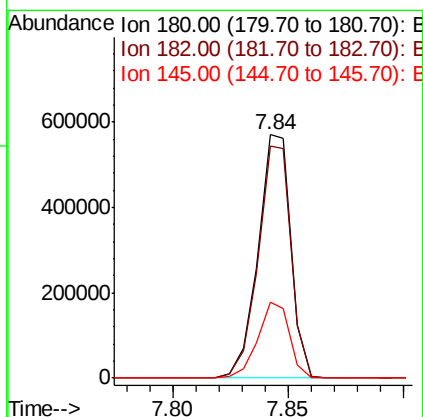
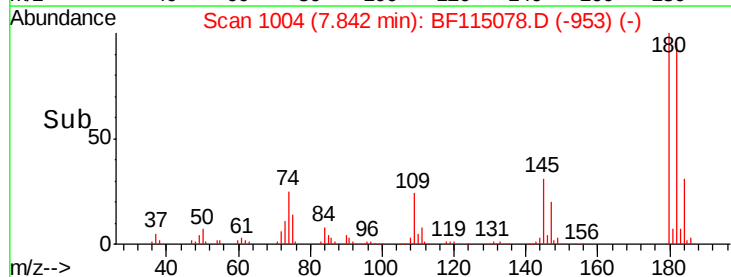
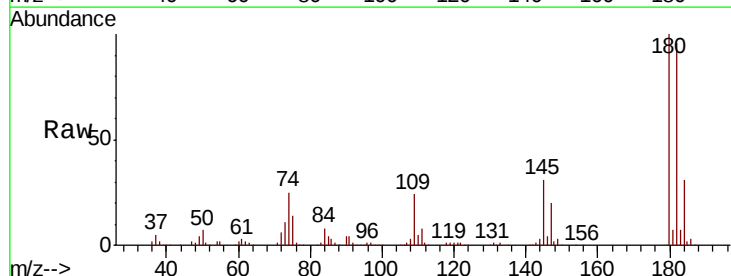
Instrument :
 BNA_F
 ClientSampleId :

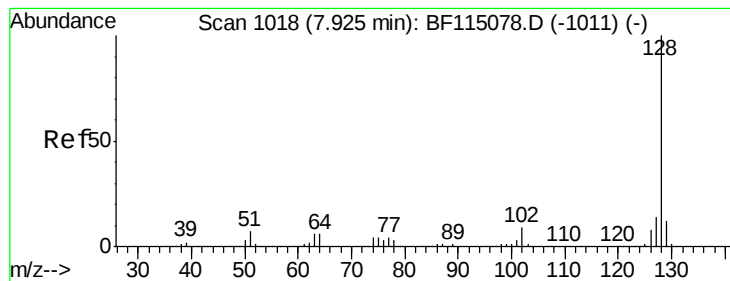
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.3	85.3
98	32.5	12.5	52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.641 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	31.0	24.8	37.2





#31

Naphthalene

Concen: 43.499 ng

RT: 7.92 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampled :

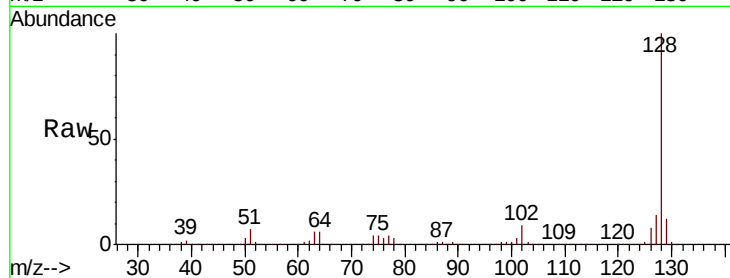
Tot Ion:128 Resp: 1679740

Ion Ratio Lower Upper

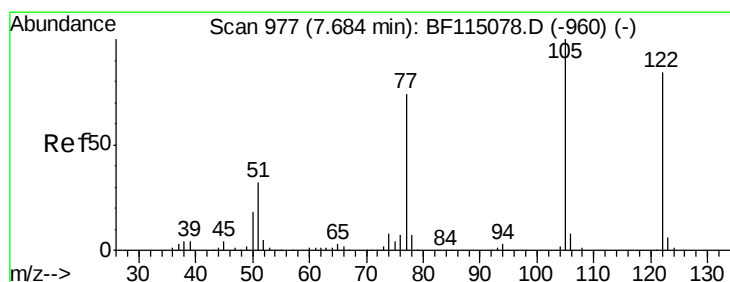
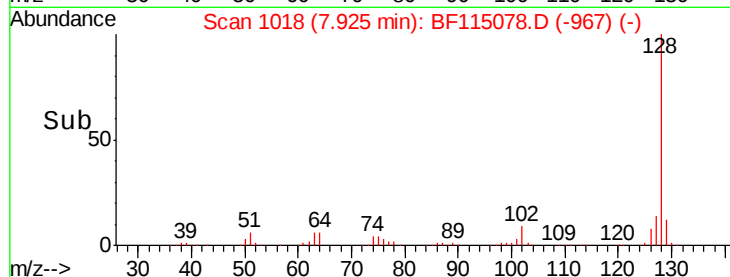
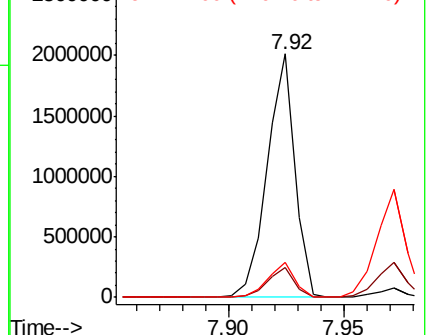
128 100

129 12.0 9.6 14.4

127 14.2 11.4 17.0



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



#32

Benzoic acid

Concen: 37.002 ng

RT: 7.68 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

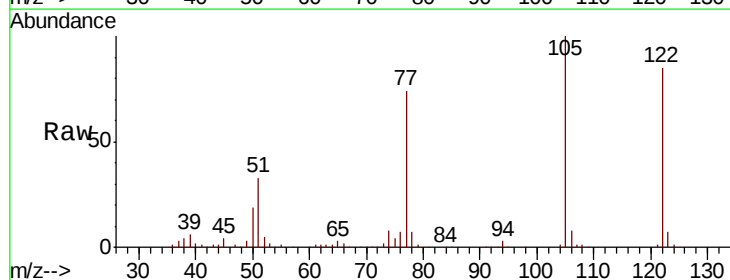
Tgt Ion:122 Resp: 296982

Ion Ratio Lower Upper

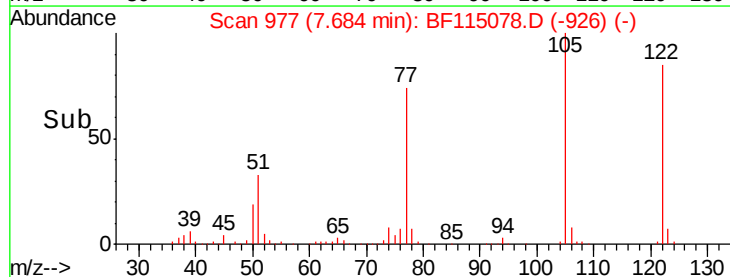
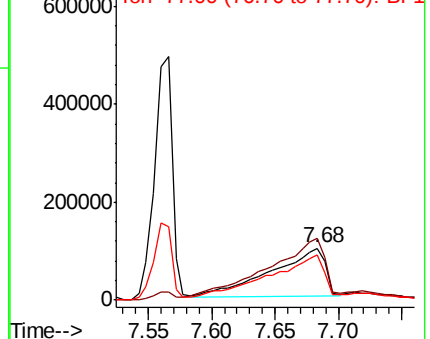
122 100

105 118.2 98.2 138.2

77 87.0 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

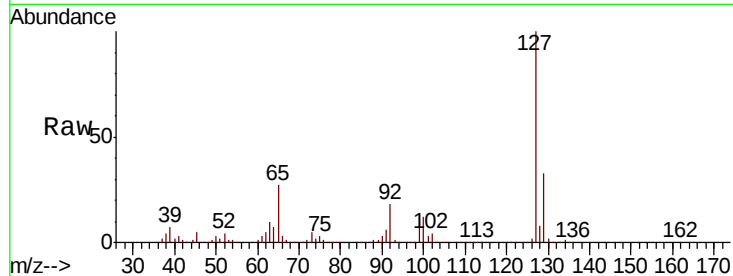




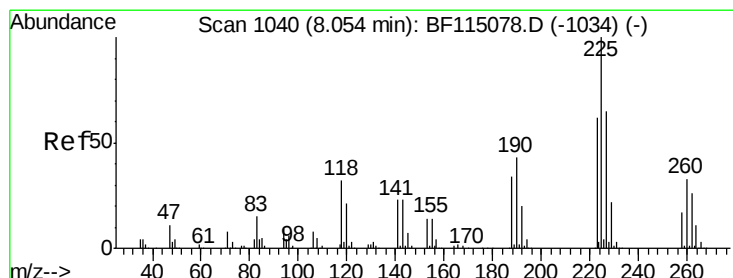
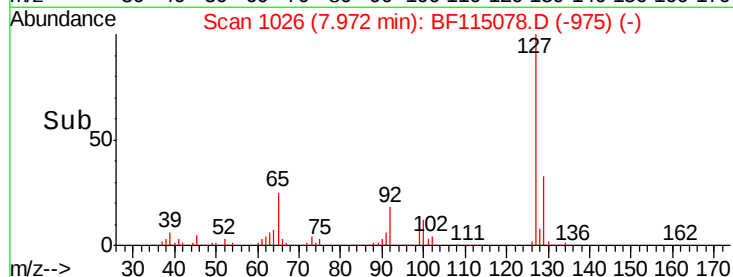
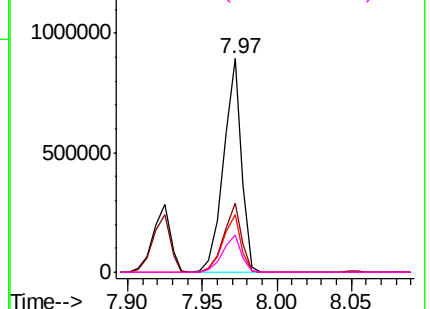
#33
4-Chloroaniline
Concen: 42.608 ng
RT: 7.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	759480
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	26.8	21.4	32.2
92	17.6	14.1	21.1

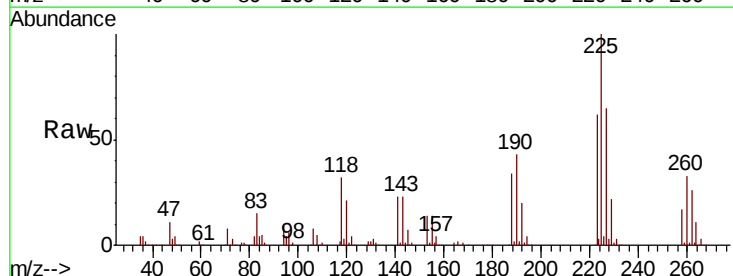


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

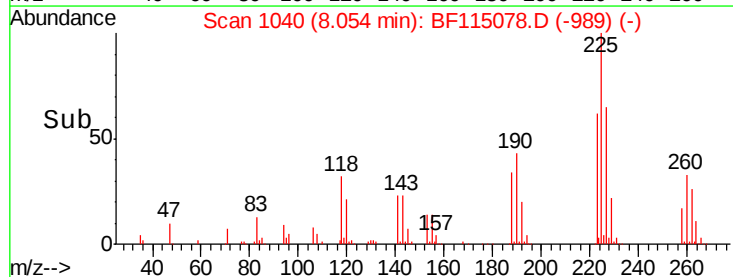
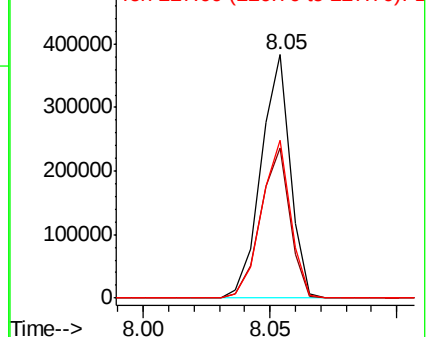


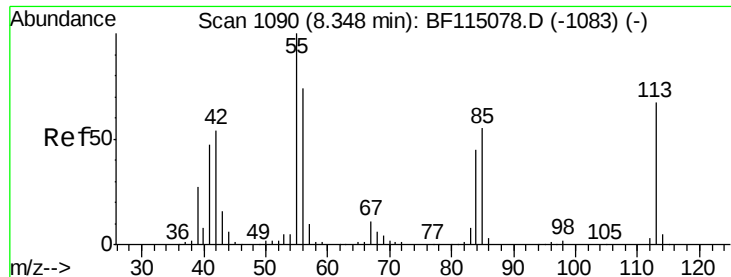
#34
Hexachlorobutadiene
Concen: 40.978 ng
RT: 8.05 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion:	225	Resp:	308415
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.4	74.2
227	64.8	51.8	77.8



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

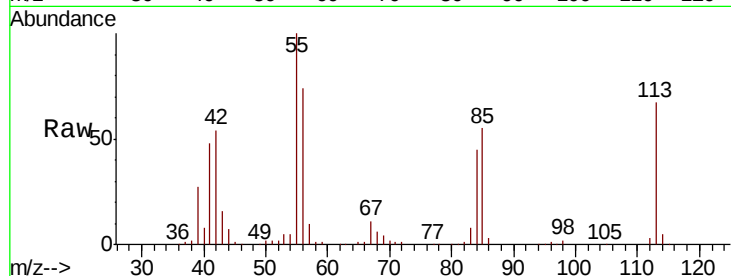




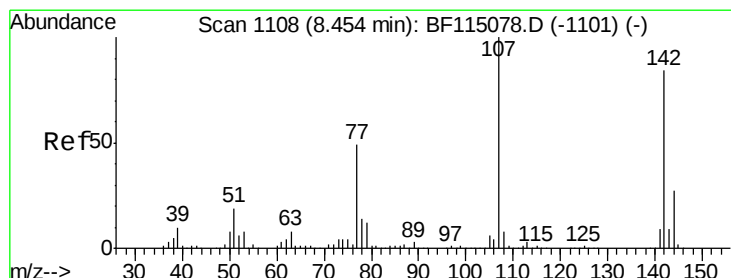
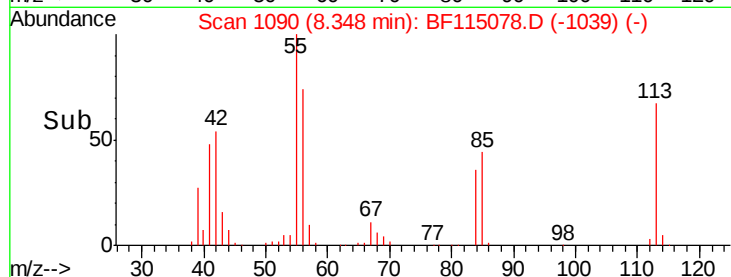
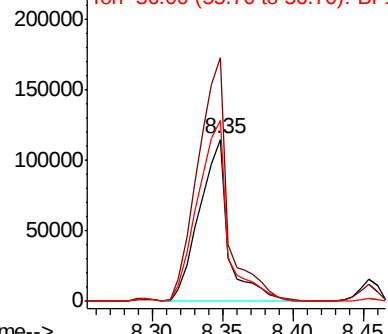
#35
 Caprolactam
 Concen: 42.352 ng
 RT: 8.35 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 165302
 Ion Ratio Lower Upper
 113 100
 55 150.2 130.2 170.2
 56 111.6 91.6 131.6

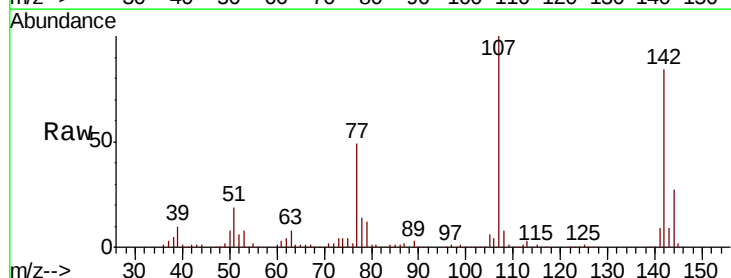


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

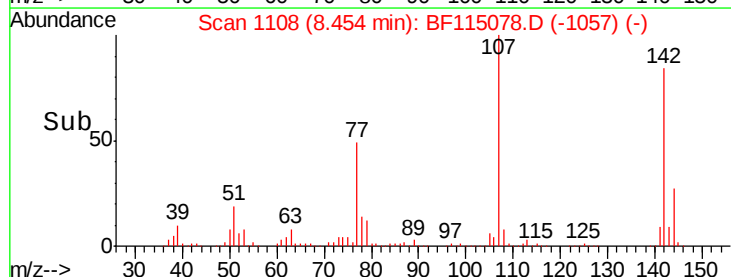
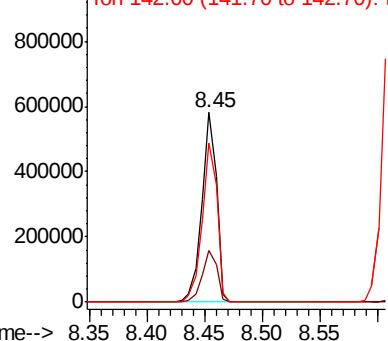


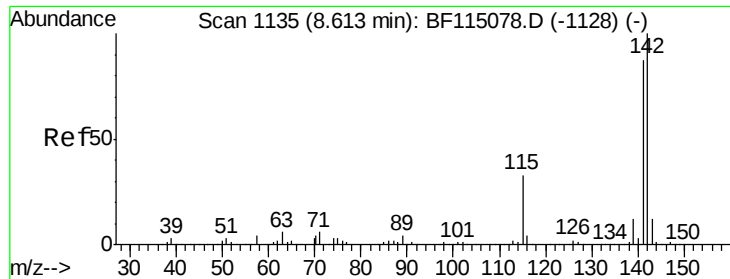
#36
 4-Chloro-3-methylphenol
 Concen: 43.360 ng
 RT: 8.45 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Tgt Ion:107 Resp: 512058
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.7 32.5
 142 83.7 67.0 100.4



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

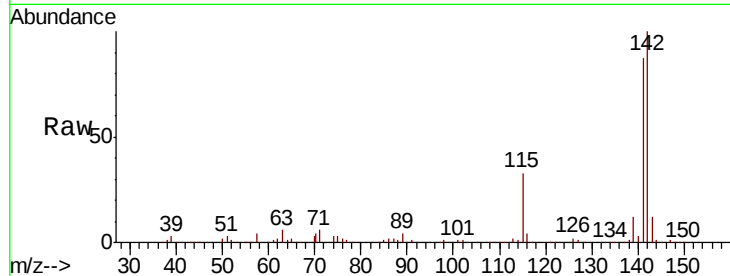




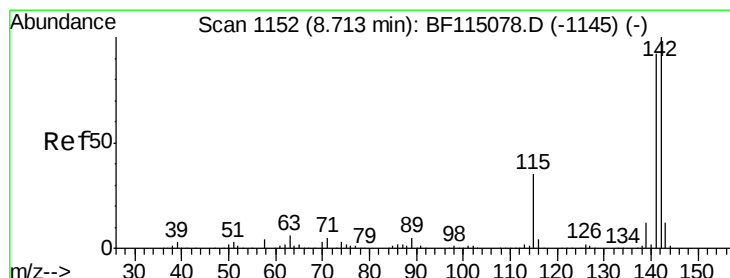
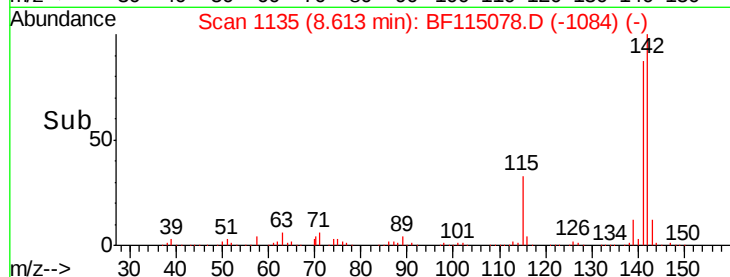
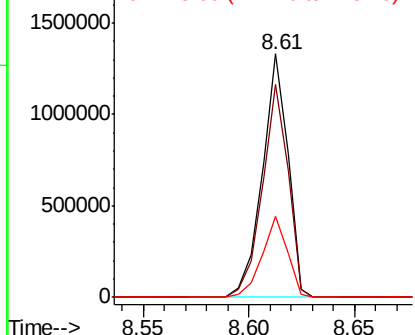
#37
2-Methylnaphthalene
Concen: 43.779 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1127550
Ion Ratio Lower Upper
142 100
141 87.2 69.8 104.6
115 33.4 26.7 40.1

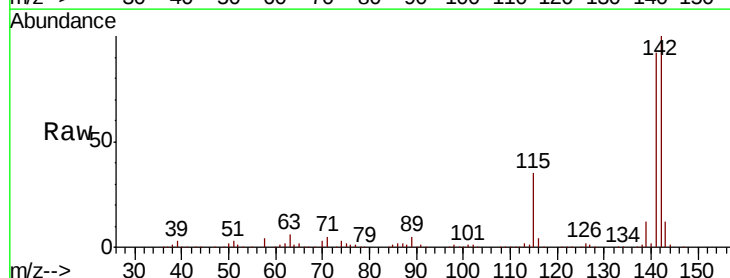


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

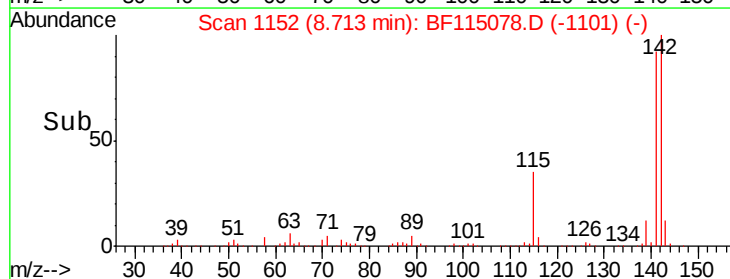
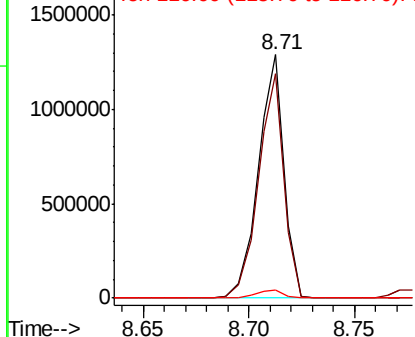


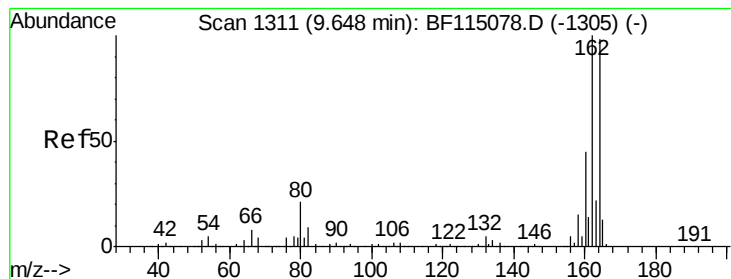
#38
1-Methylnaphthalene
Concen: 44.524 ng
RT: 8.71 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion:142 Resp: 1083832
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.8
116 3.5 2.8 4.2



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: 9.65 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampleId :

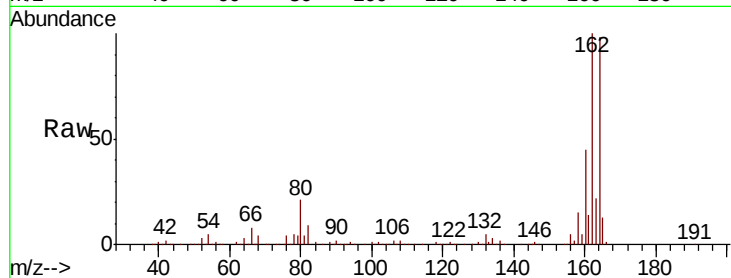
Tot Ion:164 Resp: 399645

Ion Ratio Lower Upper

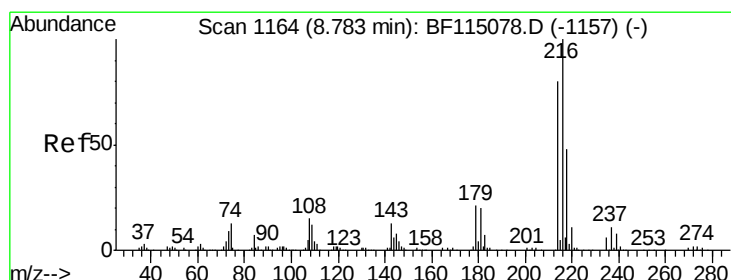
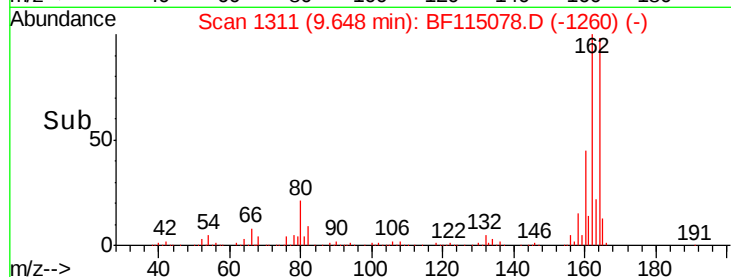
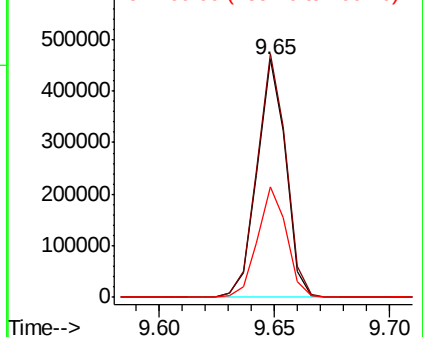
164 100

162 102.1 81.7 122.5

160 46.2 37.0 55.4



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: 40.546 ng

RT: 8.78 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Tgt Ion:216 Resp: 478727

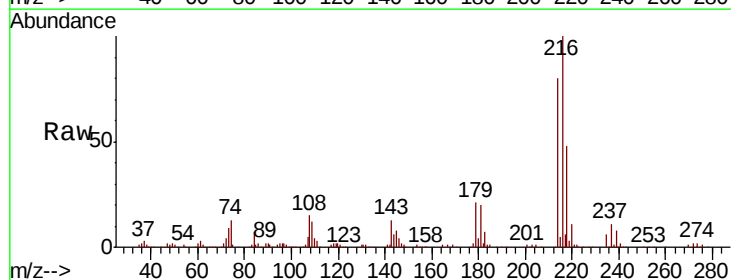
Ion Ratio Lower Upper

216 100

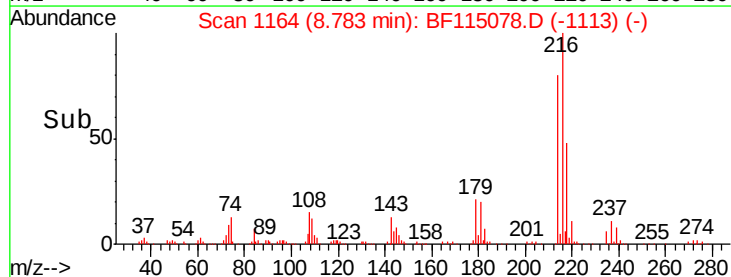
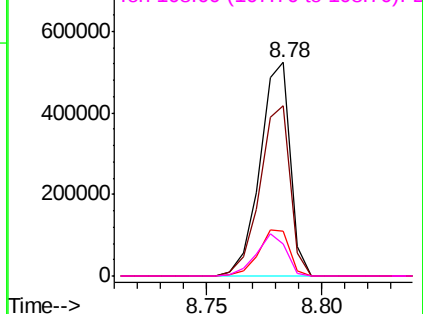
214 79.7 63.8 95.6

179 22.0 17.6 26.4

108 19.6 15.7 23.5



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: 48.002 ng

RT: 8.78 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampleId :

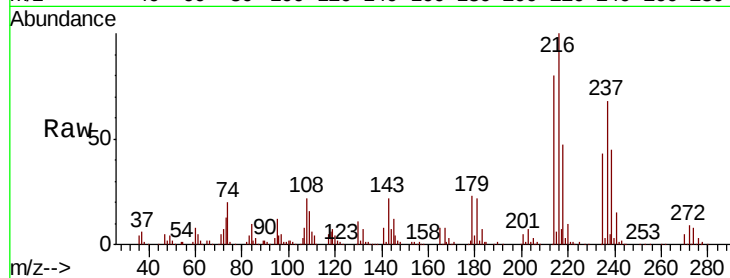
Tot Ion:237 Resp: 279279

Ion Ratio Lower Upper

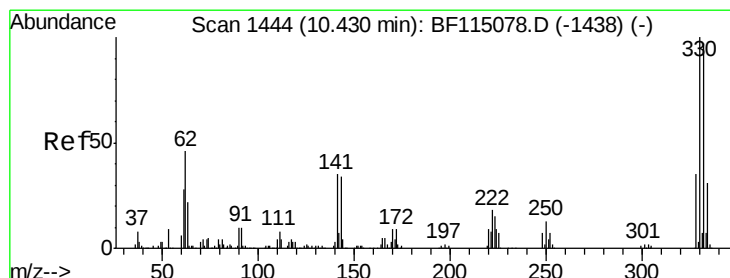
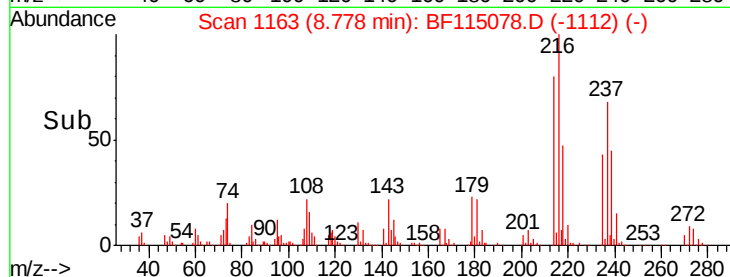
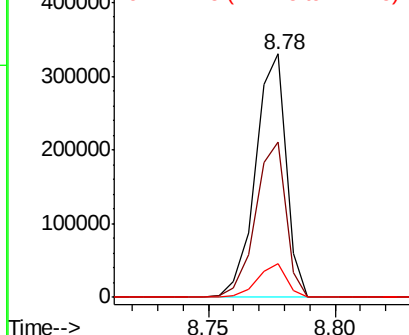
237 100

235 63.9 43.9 83.9

272 13.8 0.0 33.8



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: 82.624 ng

RT: 10.43 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

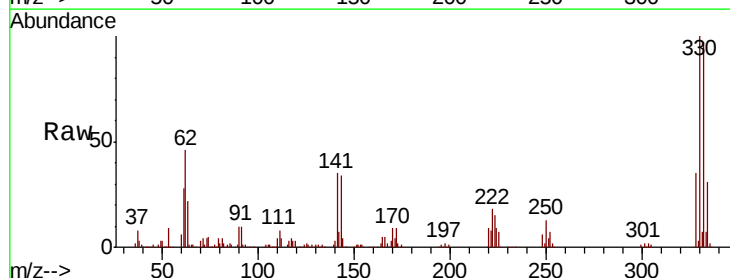
Tgt Ion:330 Resp: 353603

Ion Ratio Lower Upper

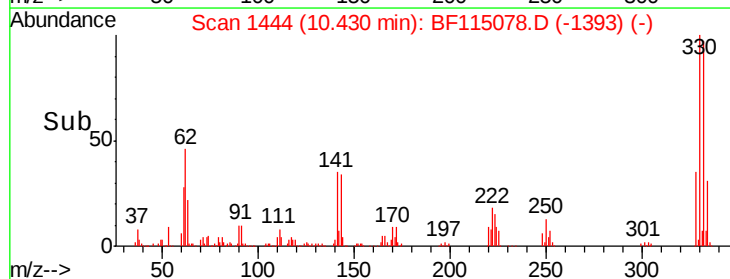
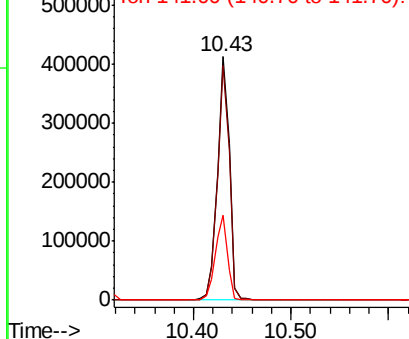
330 100

332 96.6 77.3 115.9

141 35.2 28.2 42.2



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

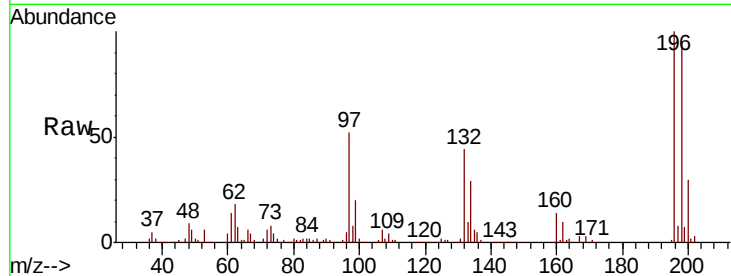




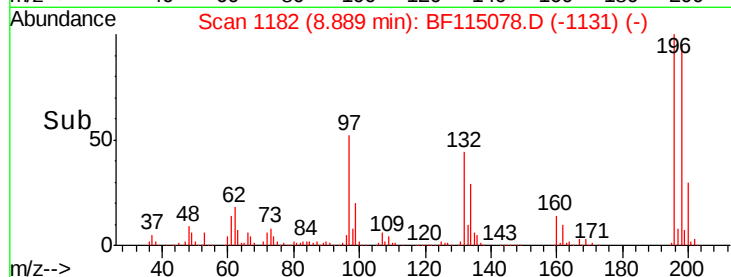
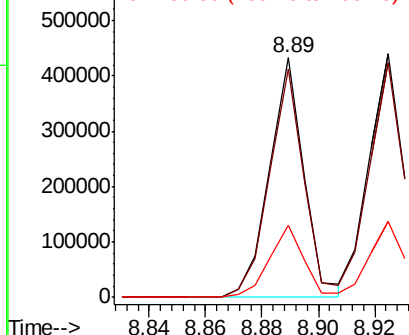
#43
 2,4,6-Trichlorophenol
 Concen: 41.569 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 366586
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 200 30.3 24.2 36.4

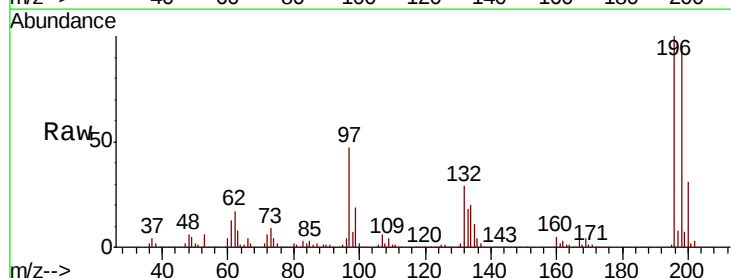


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

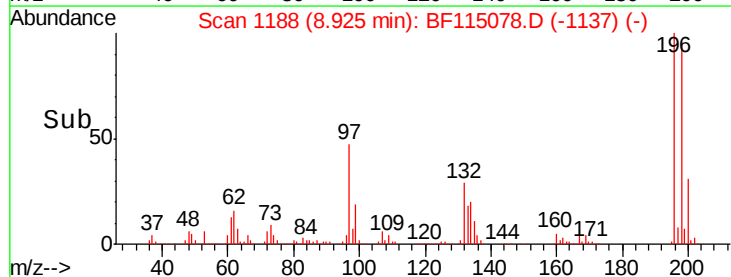
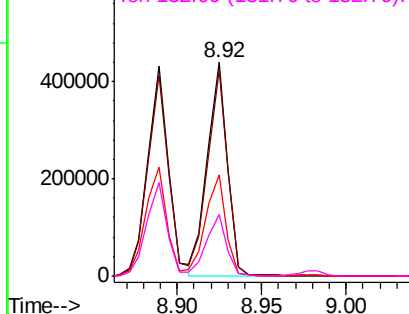


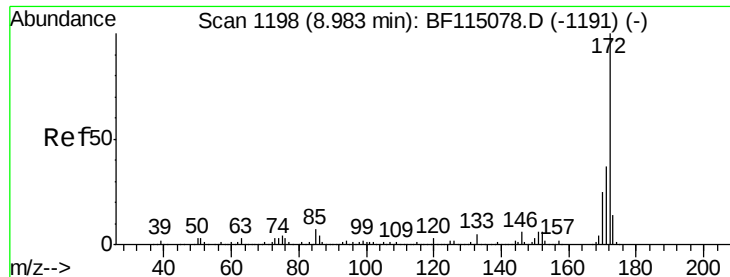
#44
 2,4,5-Trichlorophenol
 Concen: 41.214 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Tgt Ion:196 Resp: 367302
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.1 115.7
 97 47.1 37.7 56.5
 132 28.9 23.1 34.7



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

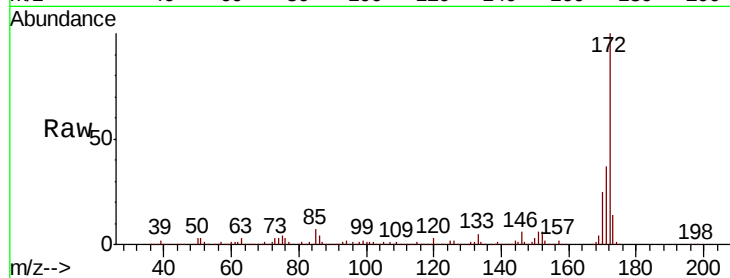




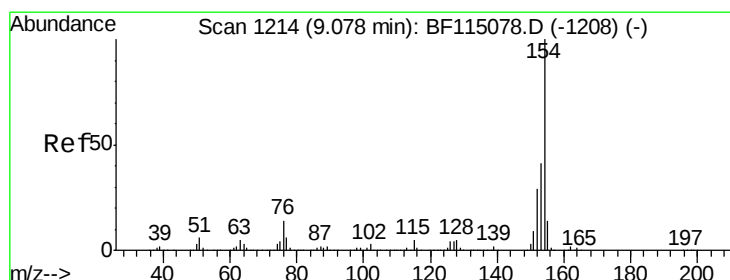
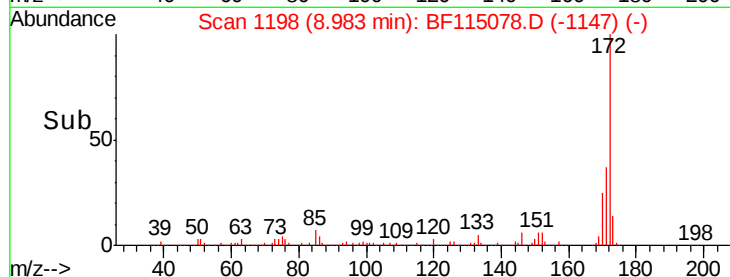
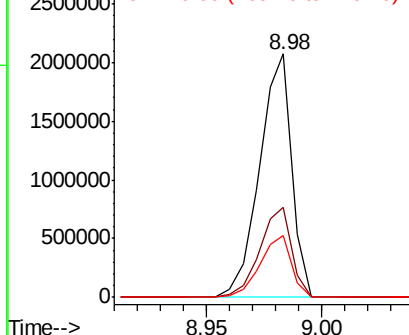
#45
2-Fluorobiphenyl
Concen: 85.118 ng
RT: 8.98 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2007097
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.4 20.3 30.5

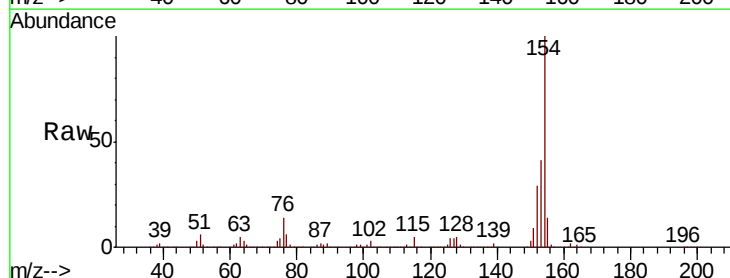


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

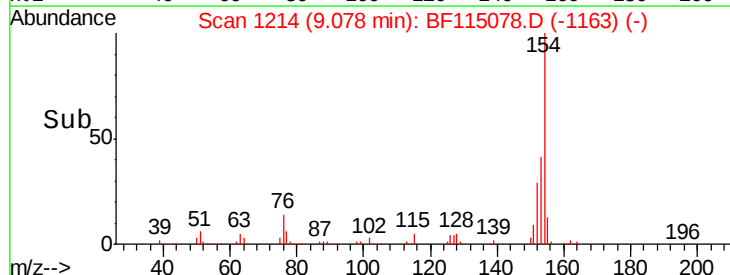
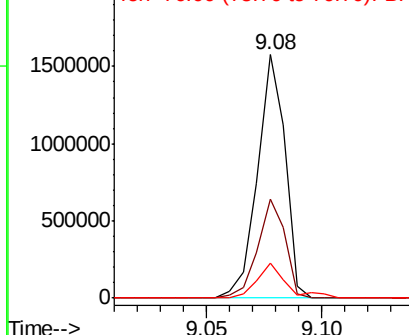


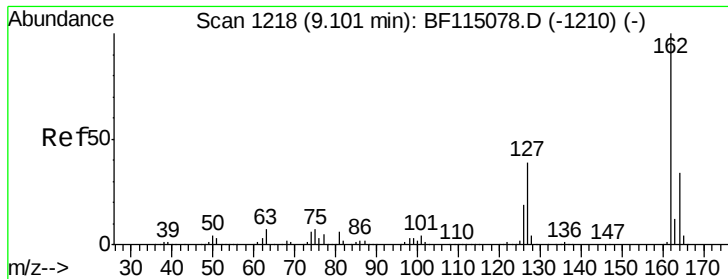
#46
1,1'-Biphenyl
Concen: 41.113 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion:154 Resp: 1316677
Ion Ratio Lower Upper
154 100
153 40.9 20.9 60.9
76 14.1 0.0 34.1



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

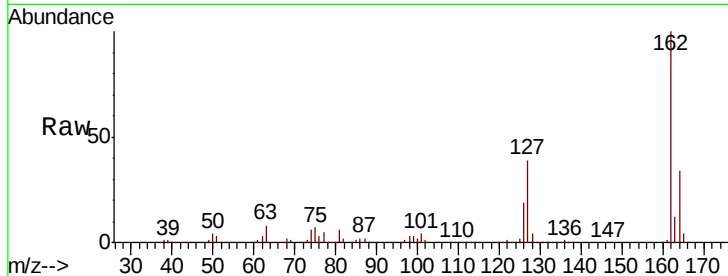




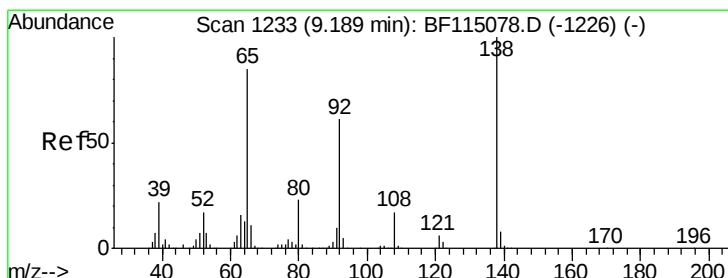
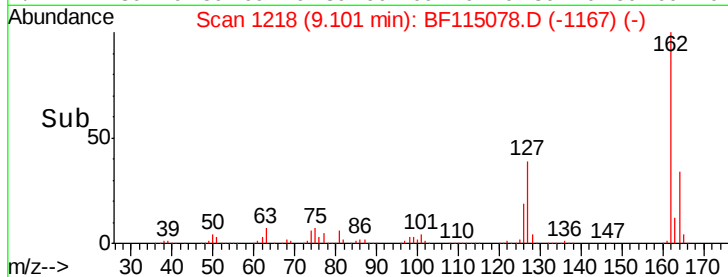
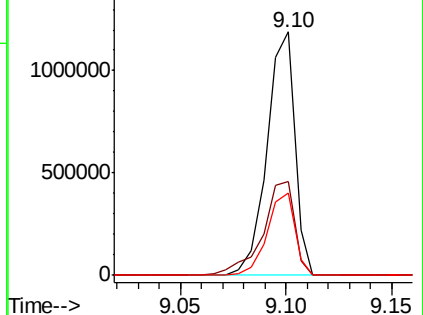
#47
2-Chloronaphthalene
Concen: 42.298 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1095390
Ion Ratio Lower Upper
162 100
127 38.5 30.8 46.2
164 33.7 27.0 40.4

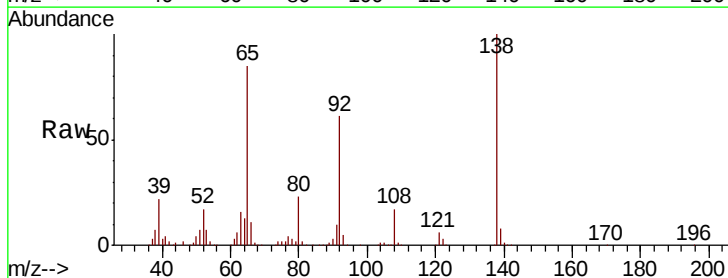


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

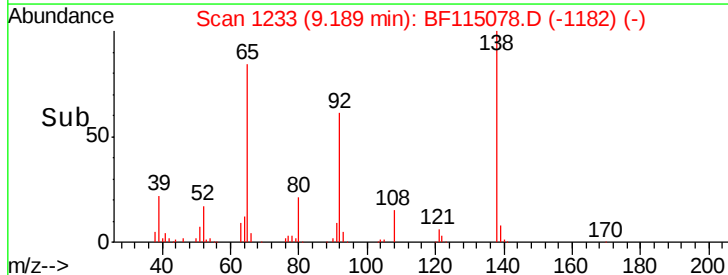
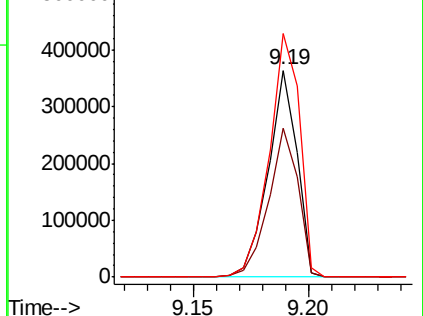


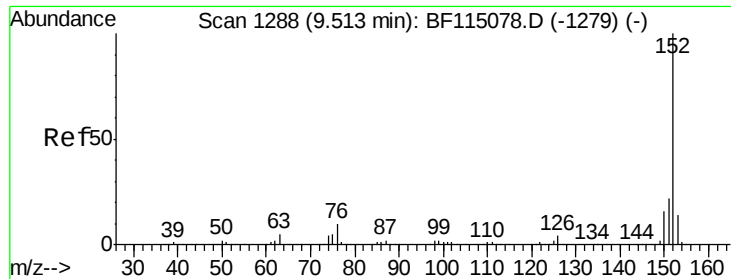
#48
2-Nitroaniline
Concen: 41.463 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion: 65 Resp: 317378
Ion Ratio Lower Upper
65 100
92 71.8 57.4 86.2
138 117.6 94.1 141.1



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: 42.931 ng

RT: 9.51 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampled :

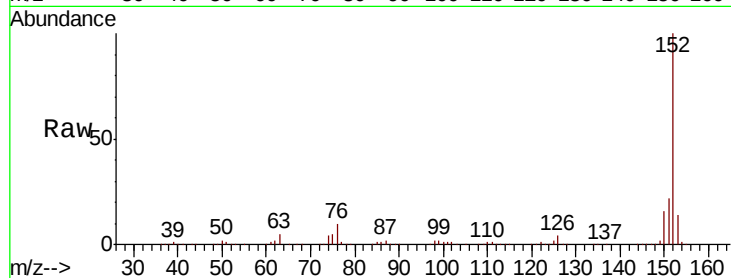
Tot Ion:152 Resp: 1709390

Ion Ratio Lower Upper

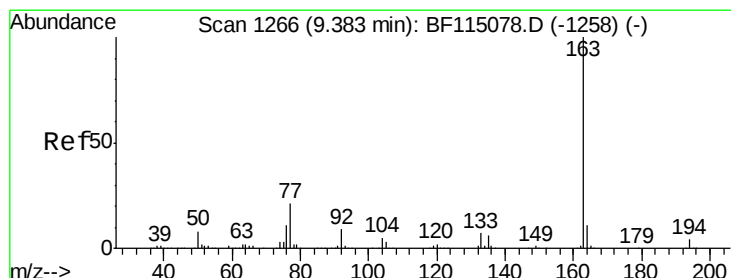
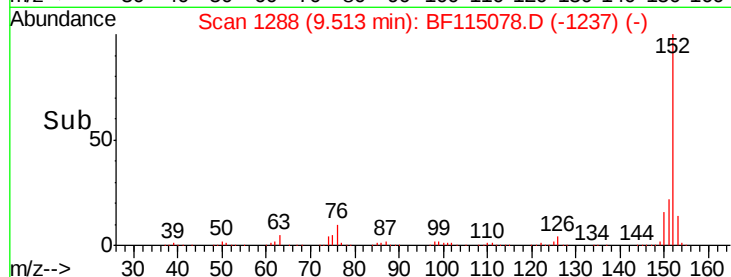
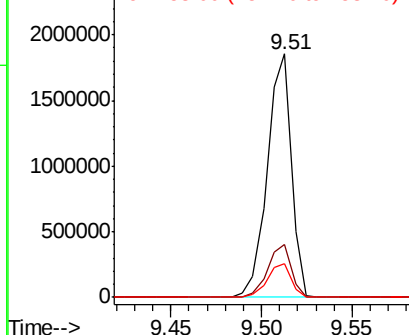
152 100

151 21.5 17.2 25.8

153 13.8 11.0 16.6



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: 41.274 ng

RT: 9.38 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

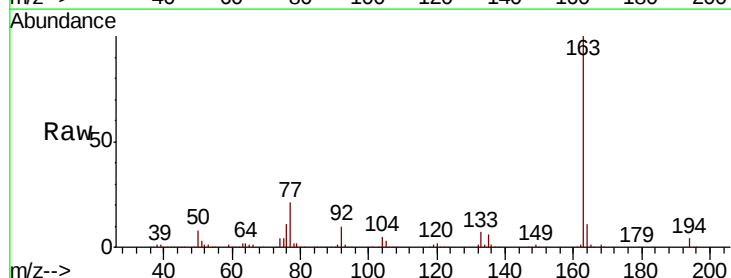
Tgt Ion:163 Resp: 1240488

Ion Ratio Lower Upper

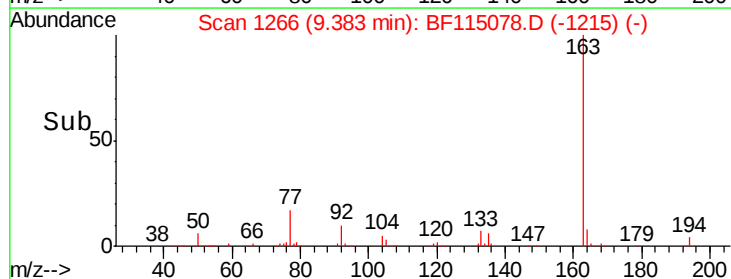
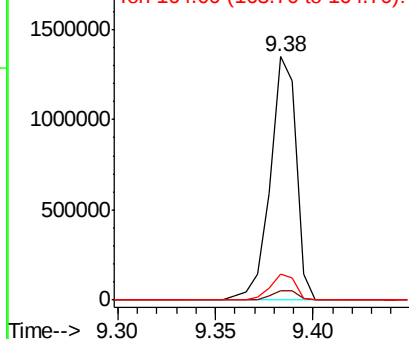
163 100

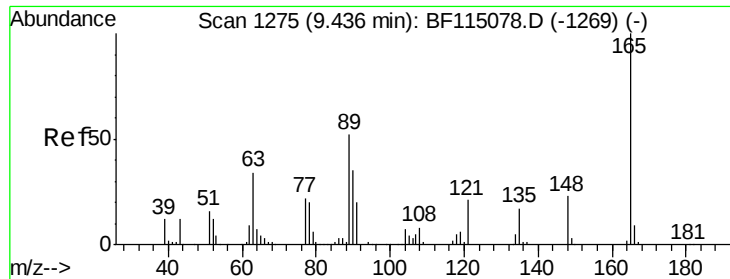
194 4.0 3.2 4.8

164 10.8 8.6 13.0



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: 41.421 ng

RT: 9.44 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampled :

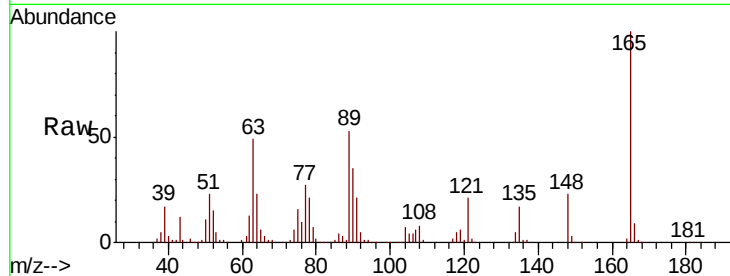
Tot Ion:165 Resp: 282393

Ion Ratio Lower Upper

165 100

63 49.3 39.4 59.2

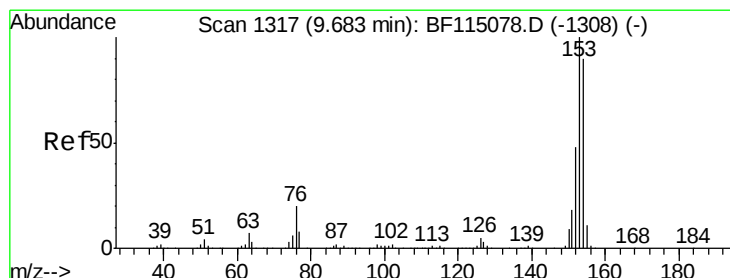
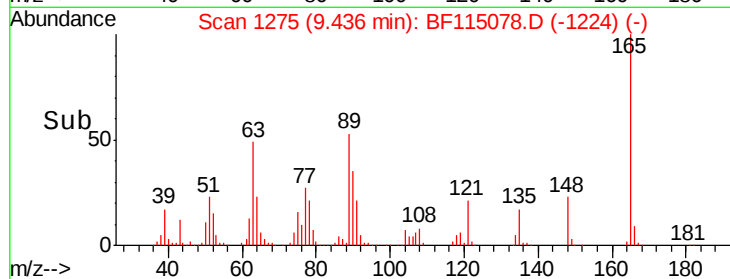
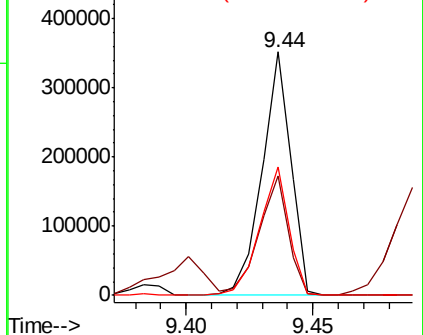
89 52.5 42.0 63.0



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



#52

Acenaphthene

Concen: 46.884 ng

RT: 9.68 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

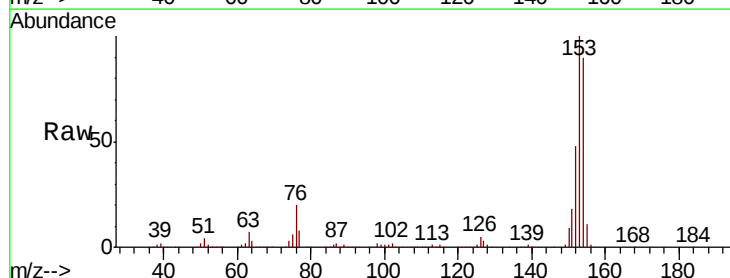
Tgt Ion:154 Resp: 1068037

Ion Ratio Lower Upper

154 100

153 110.9 88.7 133.1

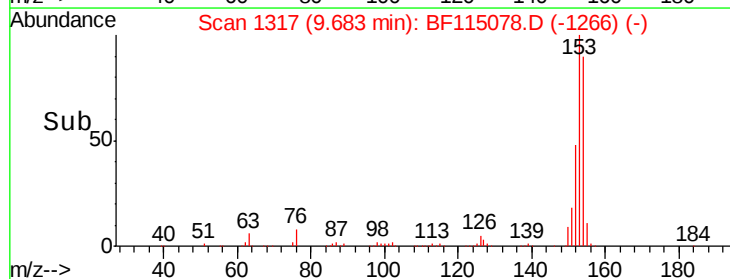
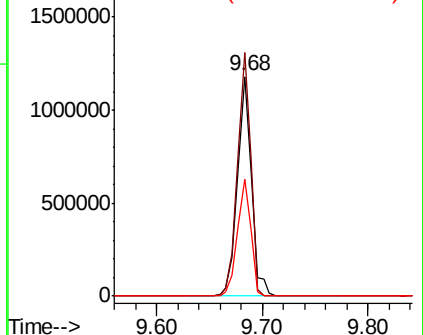
152 53.3 42.6 64.0

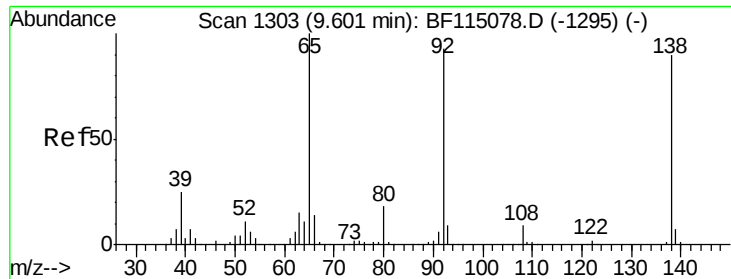


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

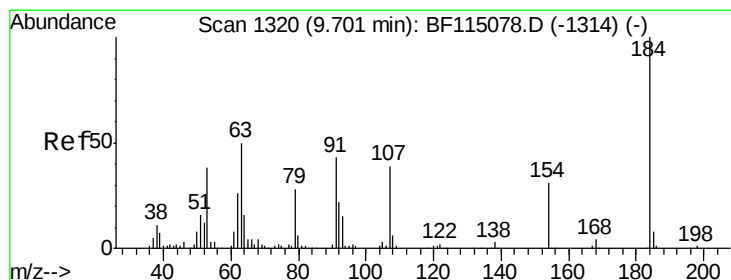
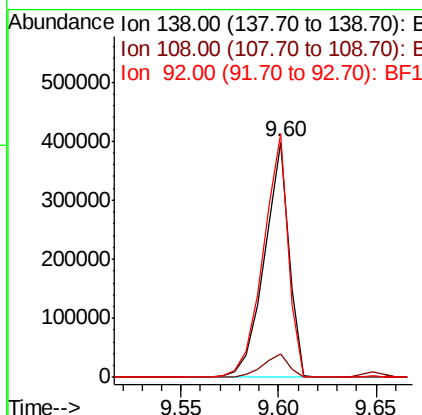
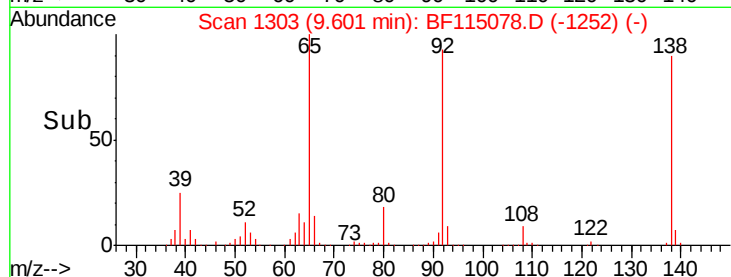
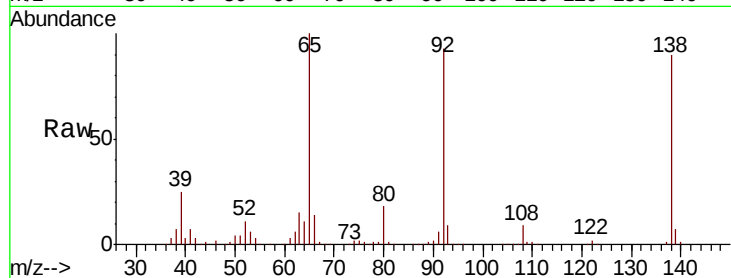




#53
3-Nitroaniline
Concen: 41.469 ng
RT: 9.60 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

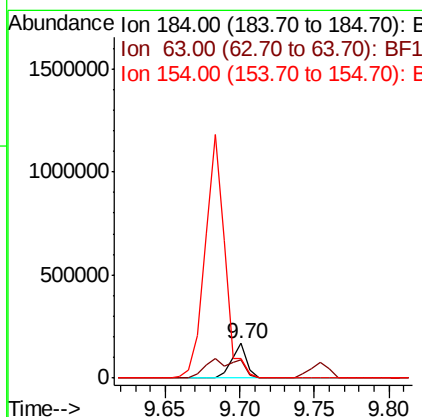
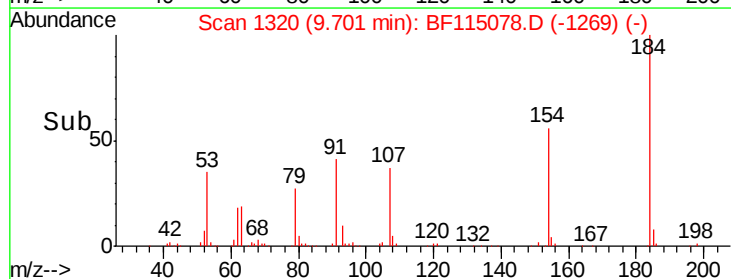
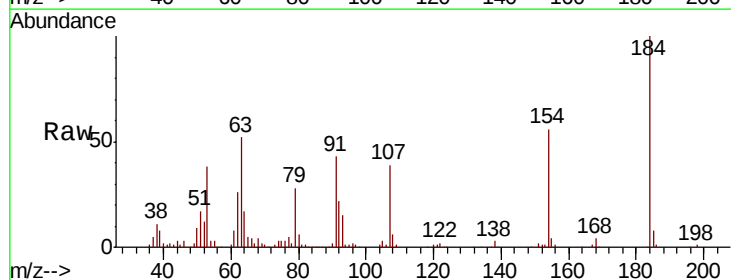
Instrument :
BNA_F
ClientSampled :

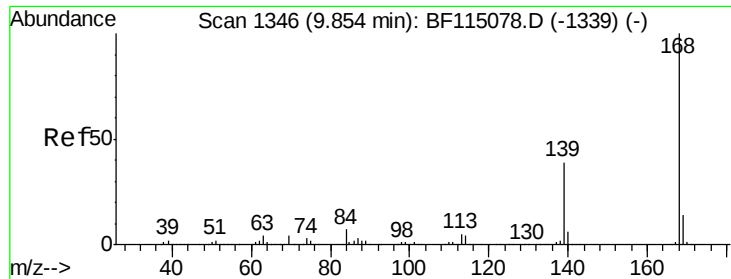
Tot Ion:138 Resp: 346390
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 103.6 82.9 124.3



#54
2,4-Dinitrophenol
Concen: 36.719 ng
RT: 9.70 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion:184 Resp: 121423
Ion Ratio Lower Upper
184 100
63 52.4 41.9 62.9
154 55.9 44.7 67.1

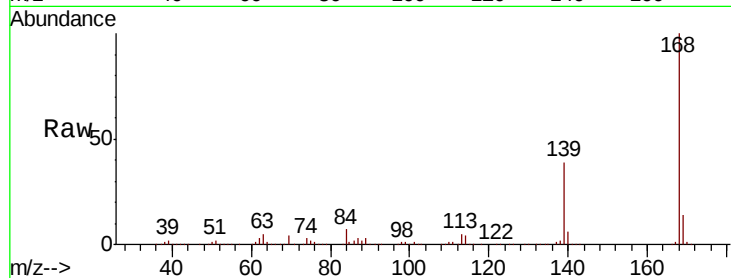




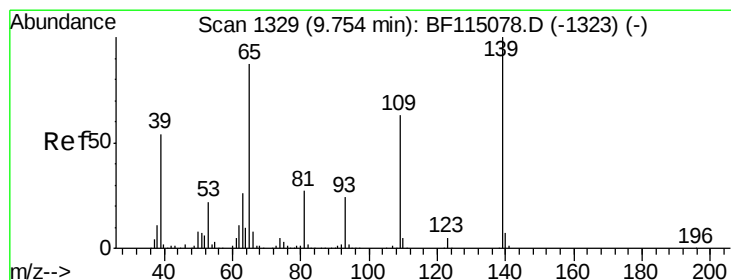
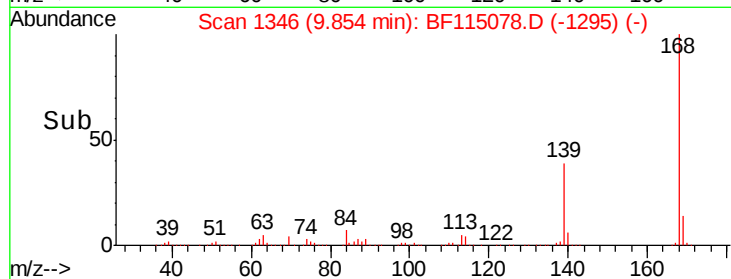
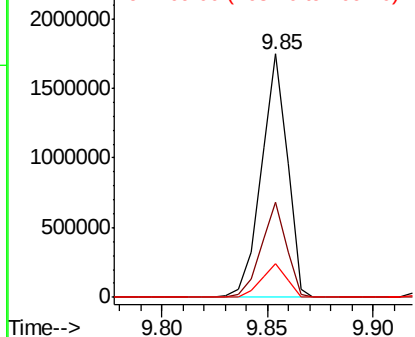
#55
Dibenzofuran
Concen: 43.504 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1493640
Ion Ratio Lower Upper
168 100
139 38.9 31.1 46.7
169 14.1 11.3 16.9

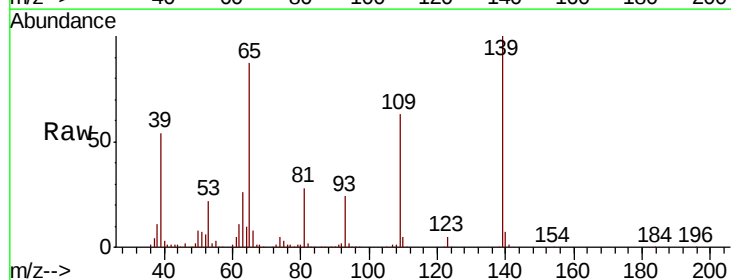


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

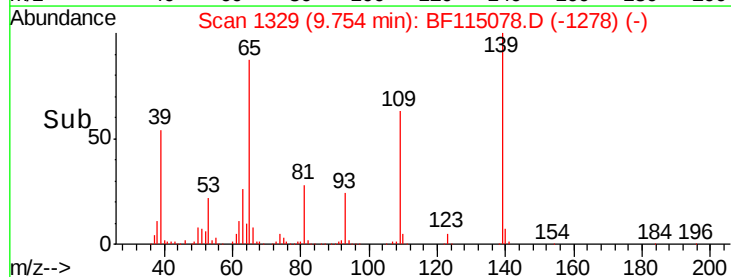
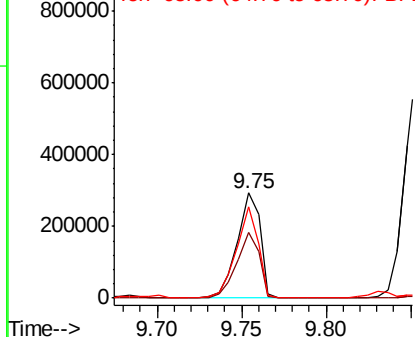


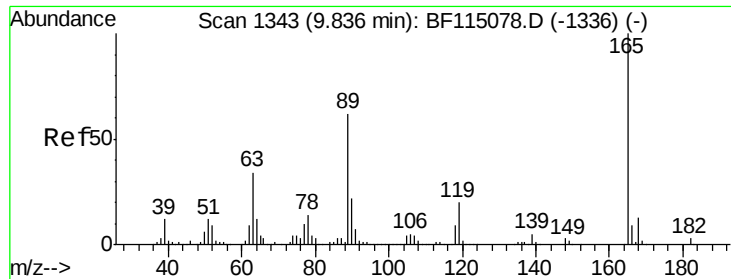
#56
4-Nitrophenol
Concen: 49.075 ng
RT: 9.75 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion:139 Resp: 282683
Ion Ratio Lower Upper
139 100
109 63.0 43.0 83.0
65 87.0 67.0 107.0



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

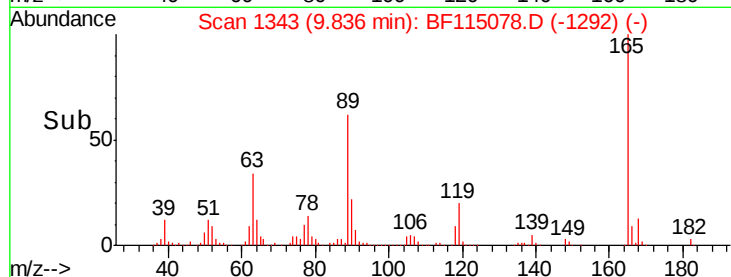
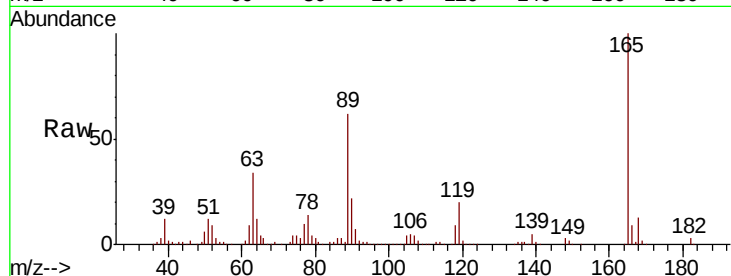




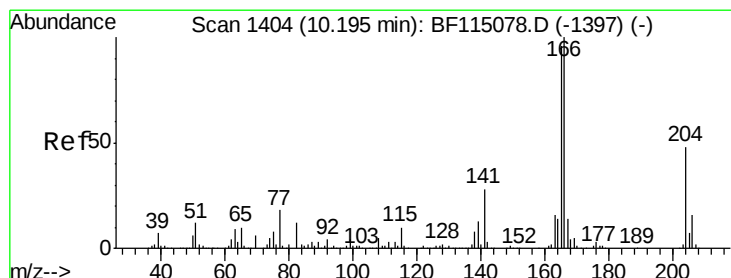
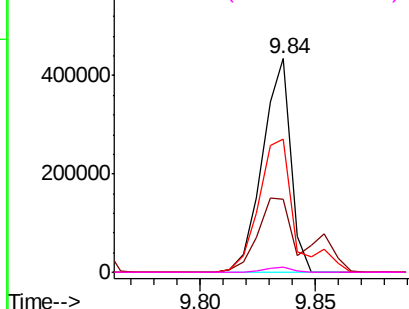
#57
2,4-Dinitrotoluene
Concen: 42.668 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.4	27.5	41.3
89	62.4	49.9	74.9
182	2.6	2.1	3.1

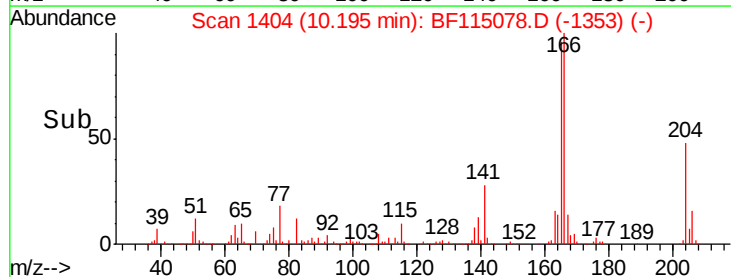
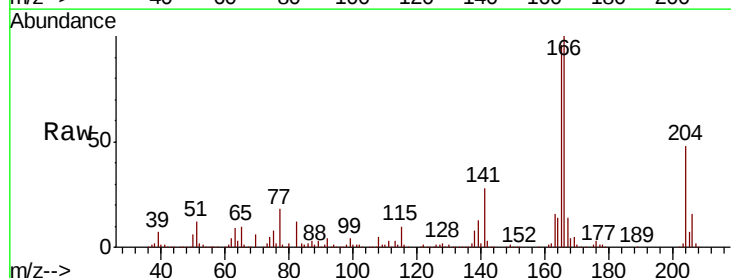


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

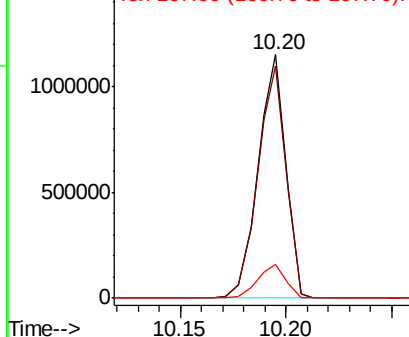


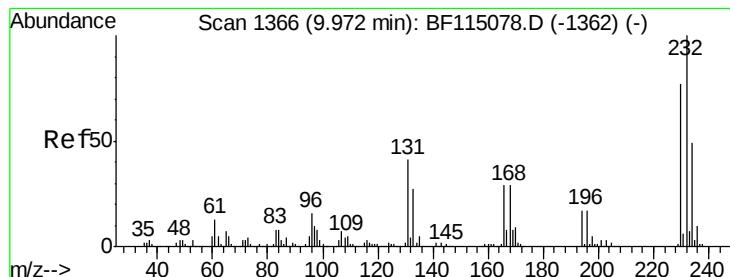
#58
Fluorene
Concen: 41.680 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.5	114.7
167	13.7	11.0	16.4



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: 43.836 ng

RT: 9.97 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 315572

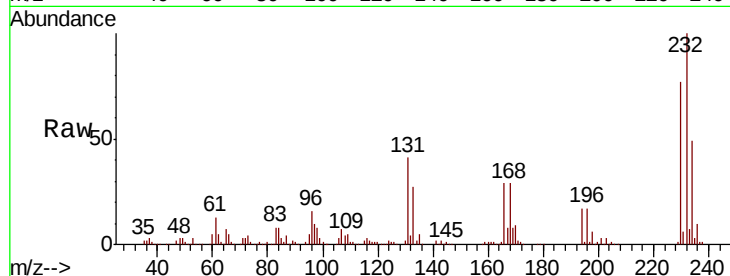
Ion Ratio Lower Upper

232 100

131 46.7 37.4 56.0

130 2.2 1.8 2.6

166 30.7 24.6 36.8

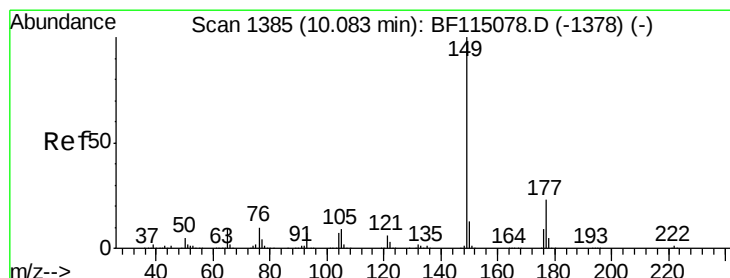
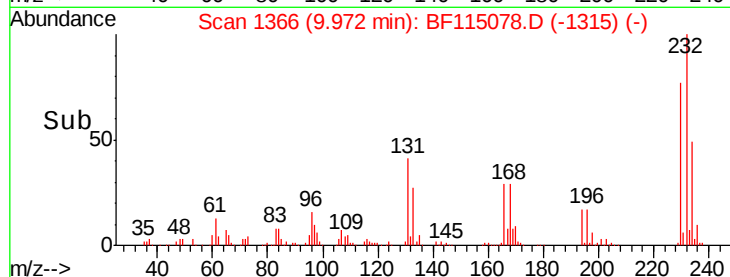
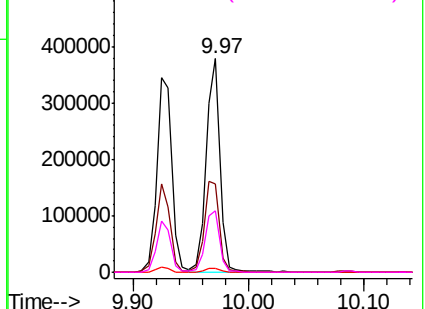


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.801 ng

RT: 10.08 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

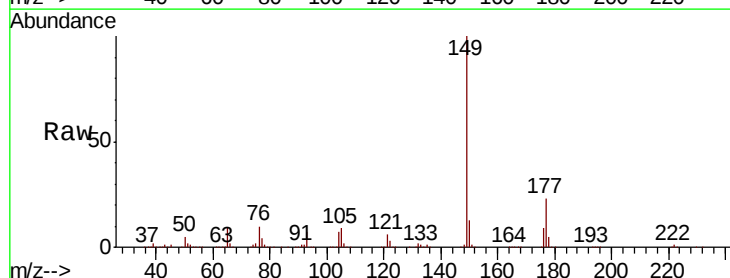
Tgt Ion:149 Resp: 1230006

Ion Ratio Lower Upper

149 100

177 23.4 18.7 28.1

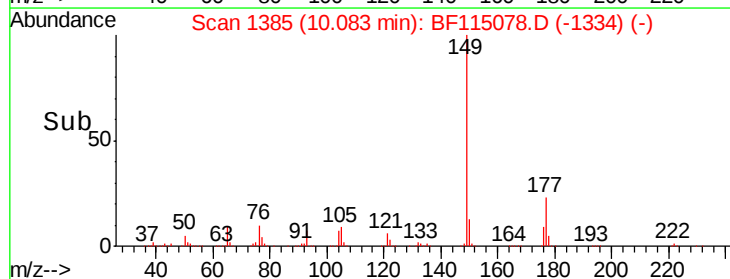
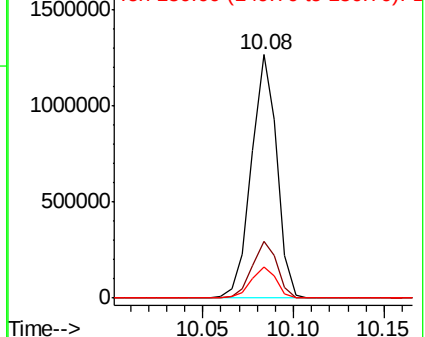
150 13.0 10.4 15.6

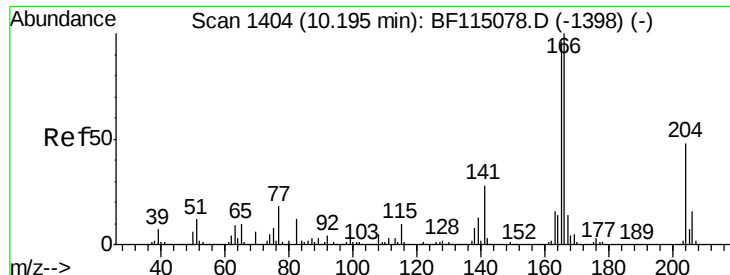


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

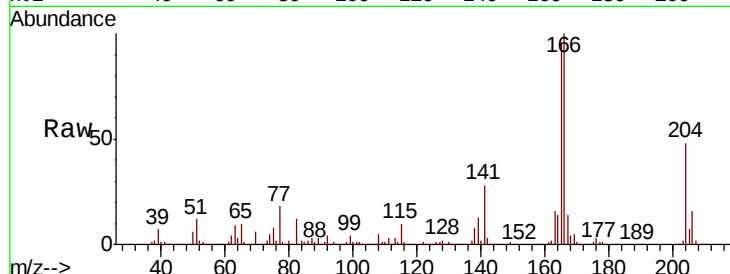




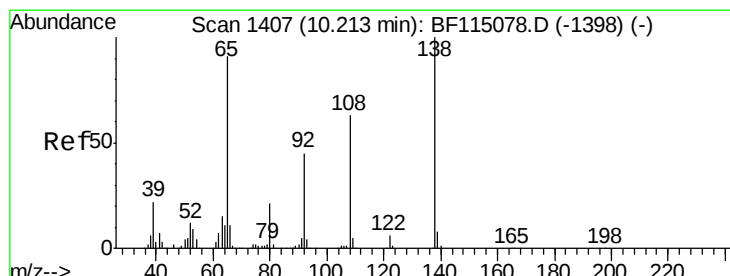
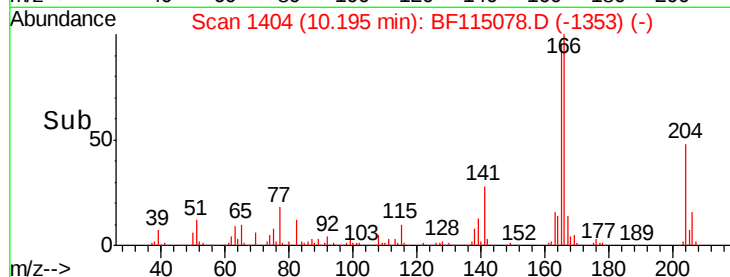
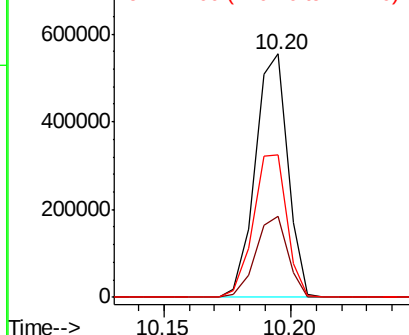
#61
4-Chlorophenyl-phenylether
Concen: 40.431 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 501142
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 58.4 46.7 70.1

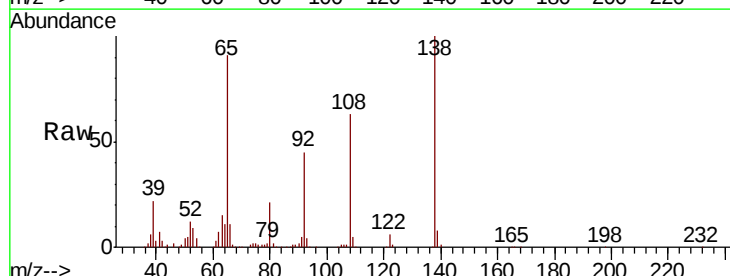


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

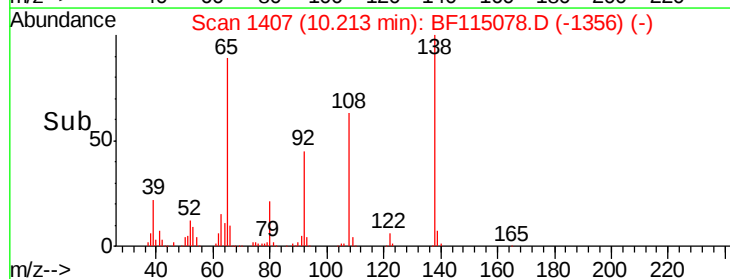
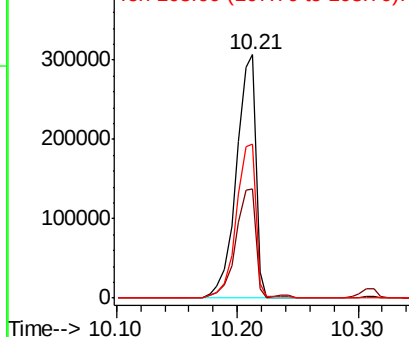


#62
4-Nitroaniline
Concen: 41.293 ng
RT: 10.21 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion:138 Resp: 346796
Ion Ratio Lower Upper
138 100
92 44.8 24.8 64.8
108 63.3 43.3 83.3



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

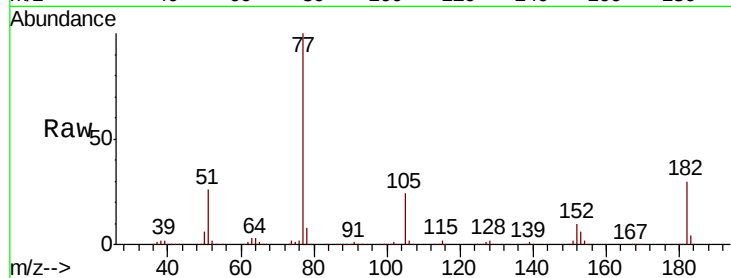




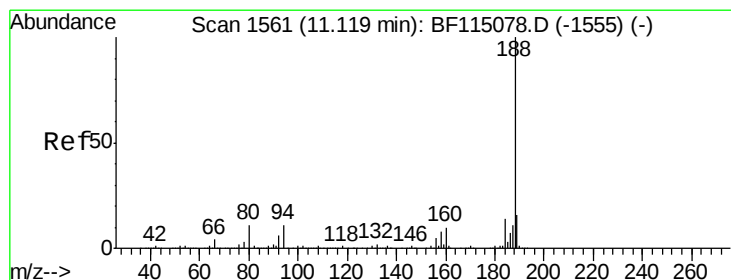
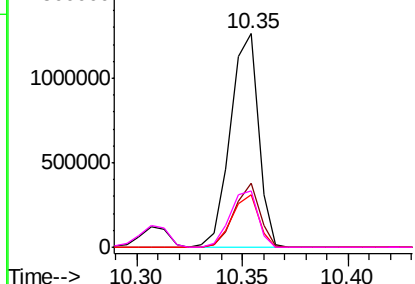
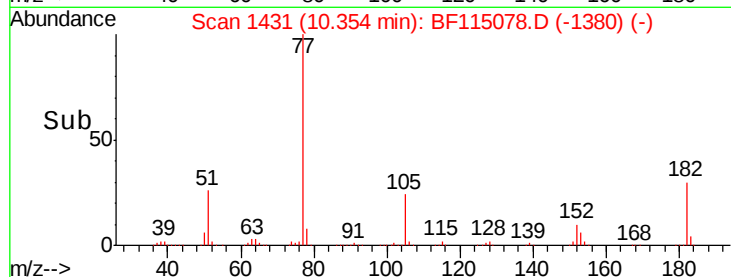
#63
Azobenzene
Concen: 46.033 ng
RT: 10.35 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1157301
Ion Ratio Lower Upper
77 100
182 30.1 10.1 50.1
105 24.5 4.5 44.5
51 26.4 6.4 46.4

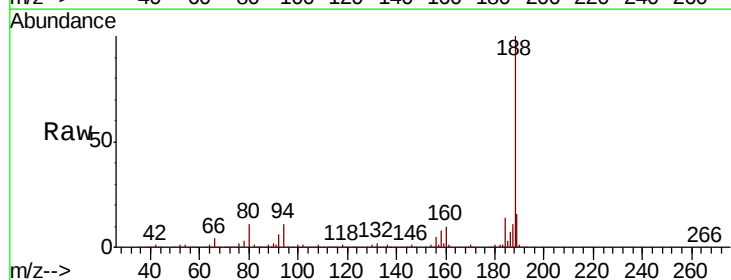


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

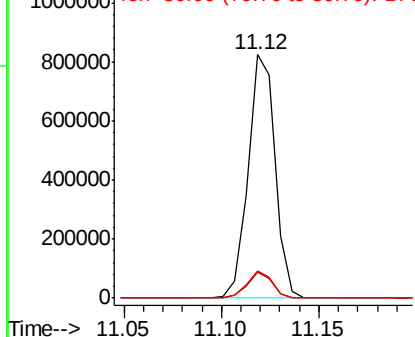
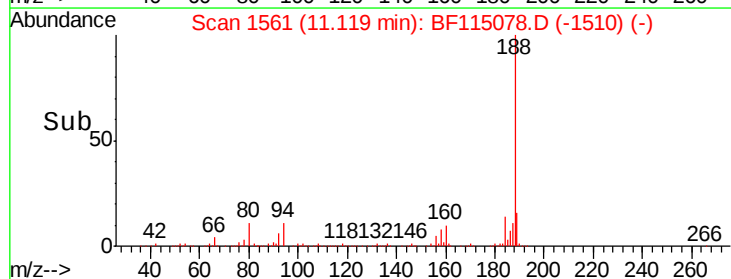


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion: 188 Resp: 784869
Ion Ratio Lower Upper
188 100
94 10.7 8.6 12.8
80 11.0 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

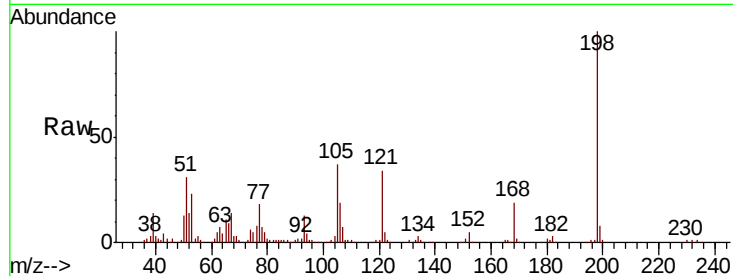




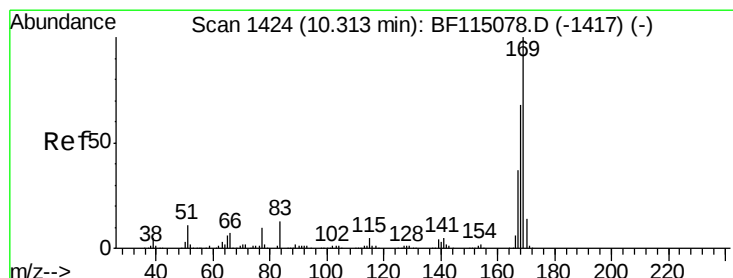
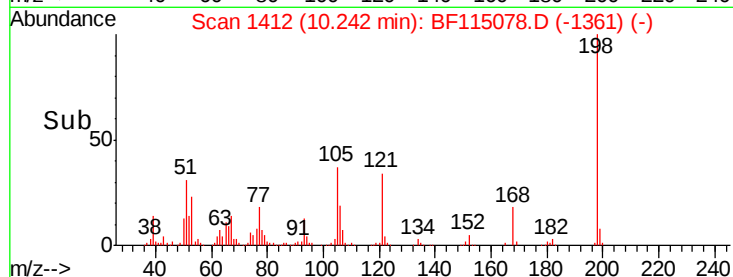
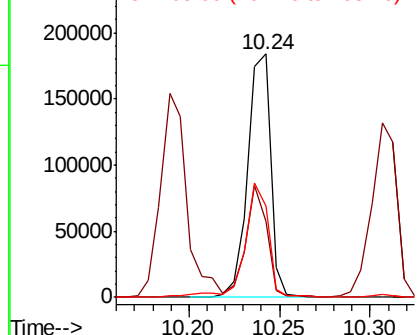
#65
4,6-Dinitro-2-methylphenol
Concen: 36.985 ng
RT: 10.24 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 162698
Ion Ratio Lower Upper
198 100
51 31.0 11.0 51.0
105 37.3 17.3 57.3

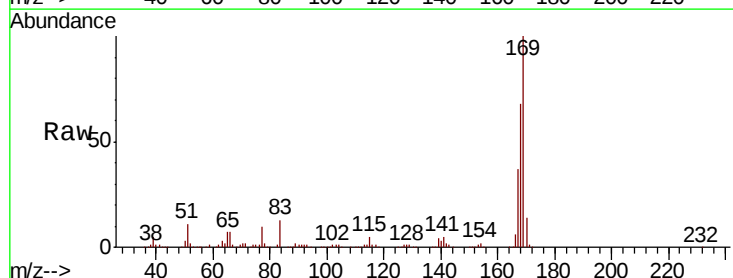


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

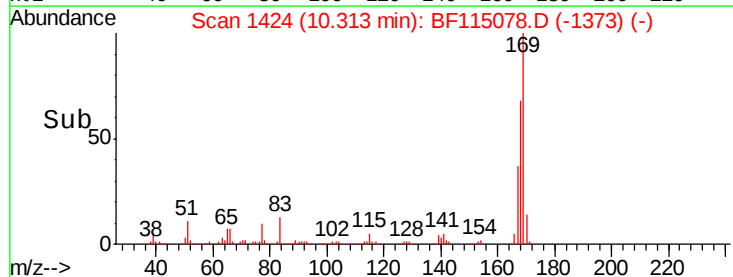
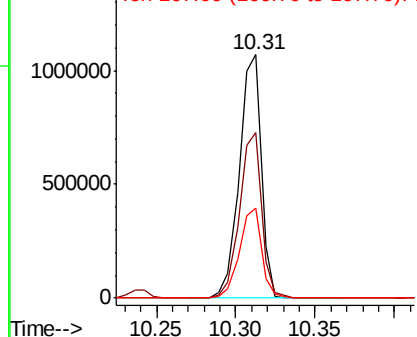


#66
n-Nitrosodiphenylamine
Concen: 43.702 ng
RT: 10.31 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion:169 Resp: 1025298
Ion Ratio Lower Upper
169 100
168 67.8 54.2 81.4
167 36.7 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

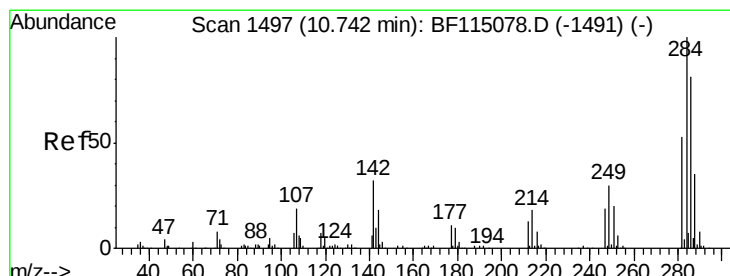
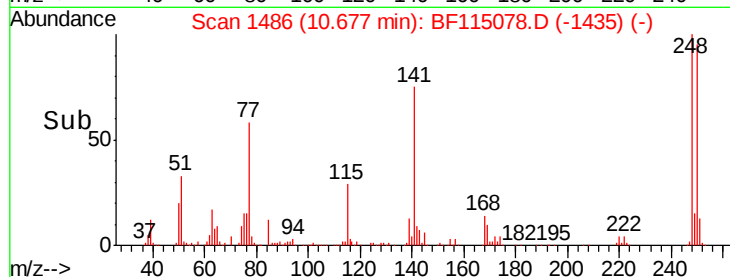
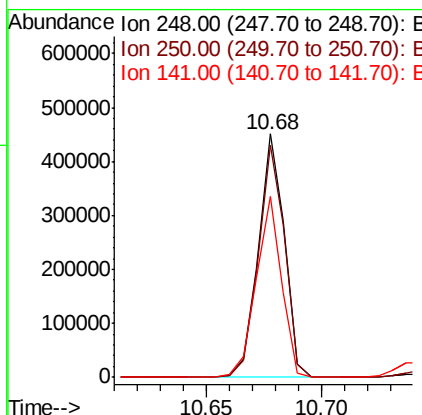
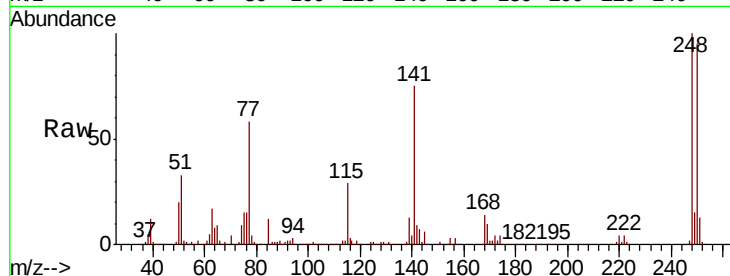




#67
 4-Bromophenyl-phenylether
 Concen: 42.066 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

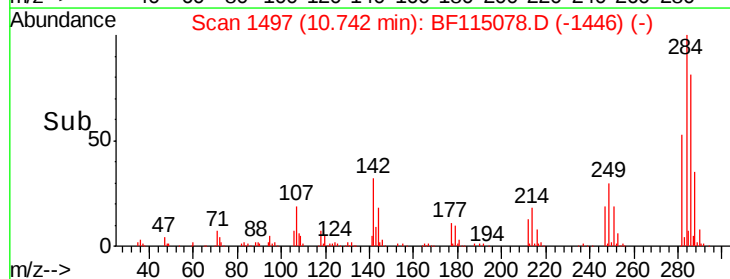
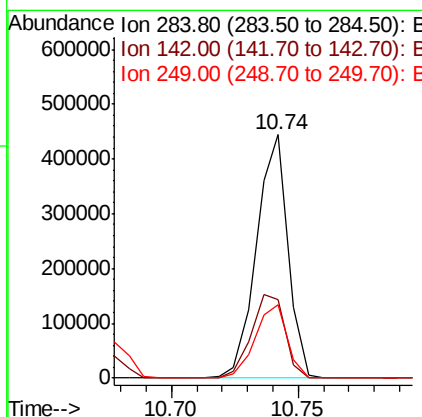
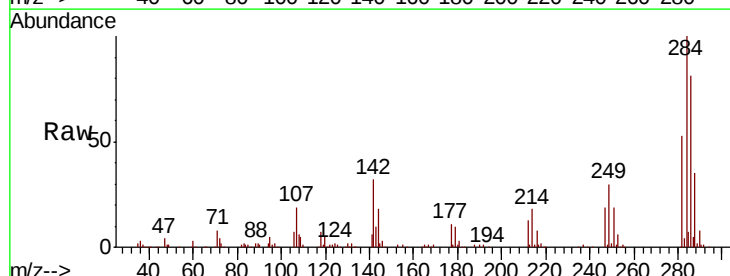
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 354495
 Ion Ratio Lower Upper
 248 100
 250 95.2 76.2 114.2
 141 74.5 59.6 89.4



#68
 Hexachlorobenzene
 Concen: 41.232 ng
 RT: 10.74 min Scan# 1497
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Tgt Ion:284 Resp: 382548
 Ion Ratio Lower Upper
 284 100
 142 32.3 25.8 38.8
 249 30.3 24.2 36.4

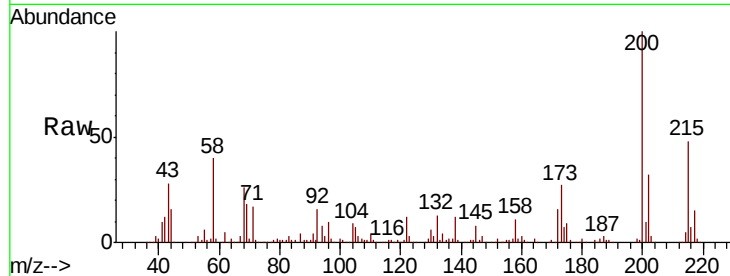




#69
 Atrazine
 Concen: 43.545 ng
 RT: 10.84 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	47.8	27.8	67.8

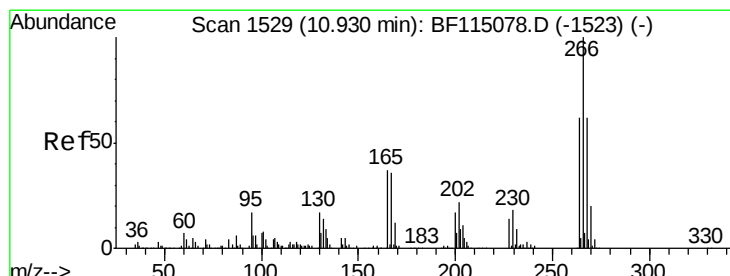
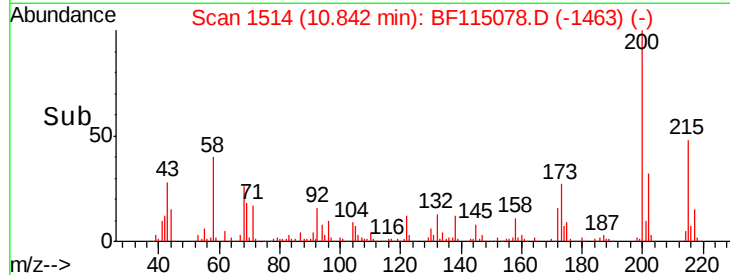
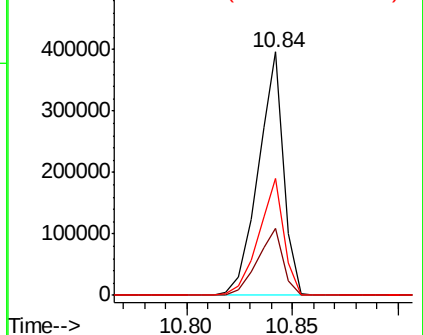


Abundance

Ion 200.00 (199.70 to 200.70): E

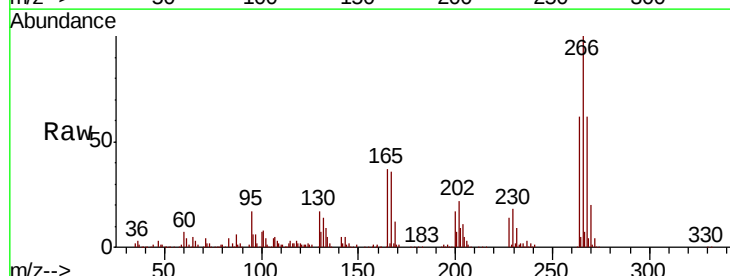
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 49.624 ng
 RT: 10.93 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	49.5	74.3
264	61.6	49.3	73.9

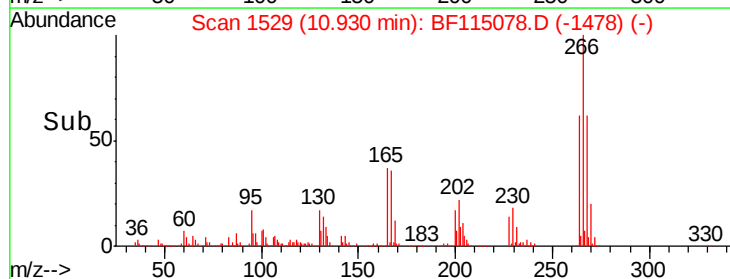
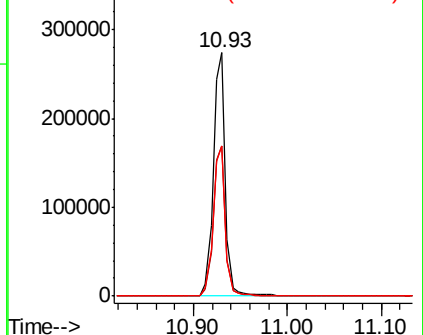


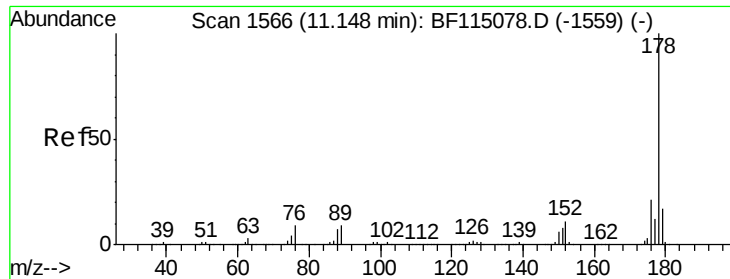
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

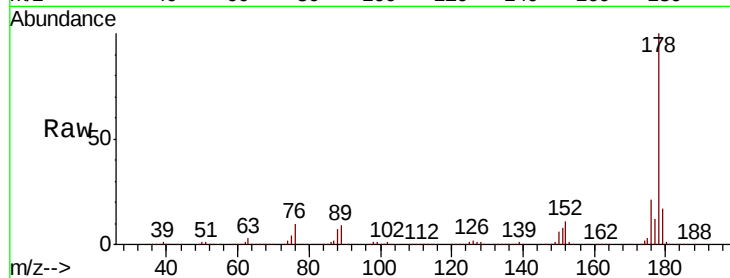




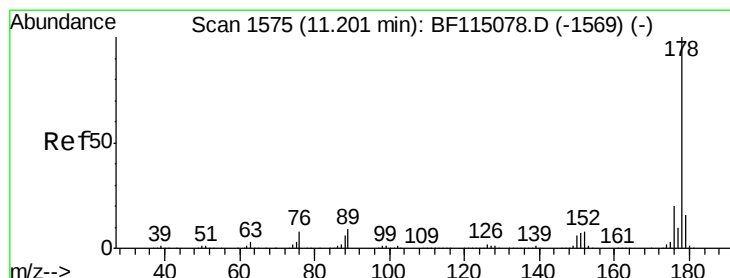
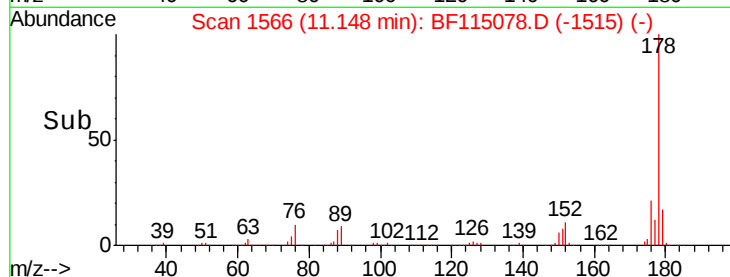
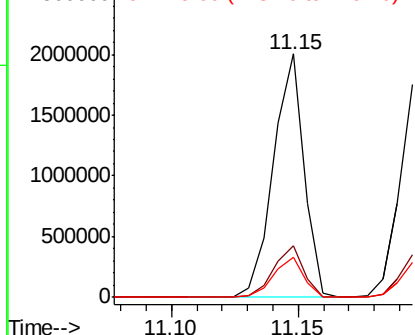
#71
 Phenanthrene
 Concen: 42.056 ng
 RT: 11.15 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1704265
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.9 25.3
 179 16.5 13.2 19.8

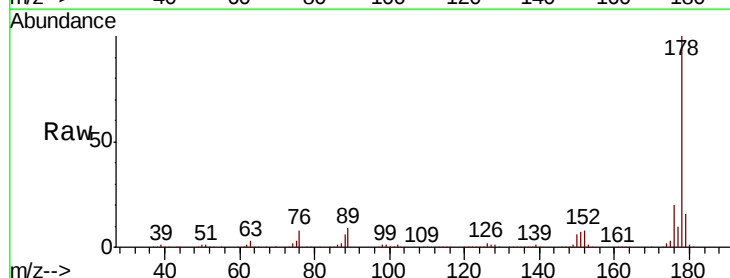


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

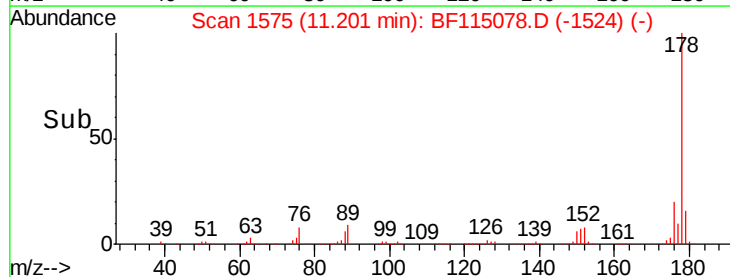
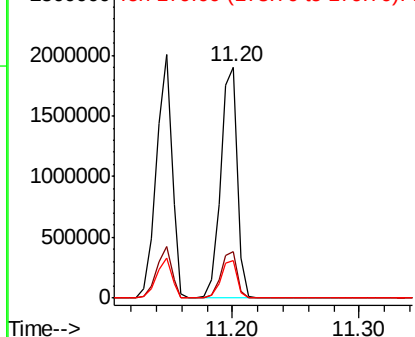


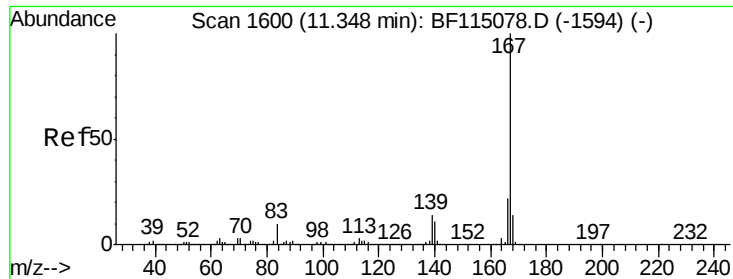
#72
 Anthracene
 Concen: 42.715 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Tgt Ion:178 Resp: 1746284
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.1 24.1
 179 16.1 12.9 19.3



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

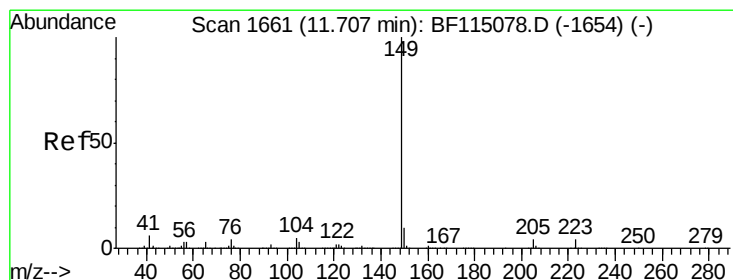
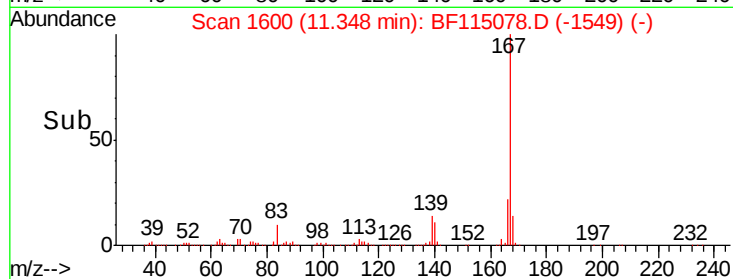
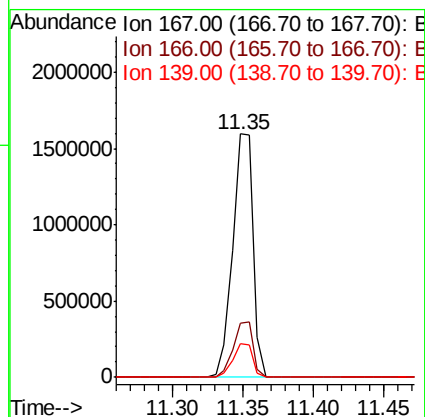
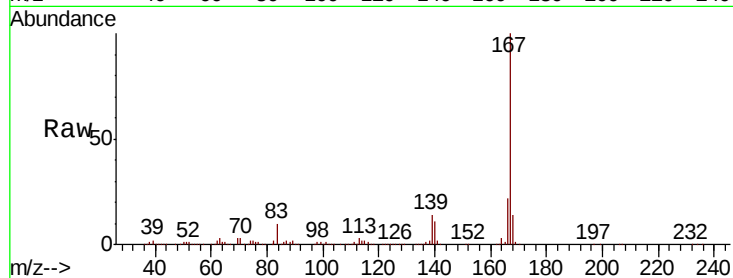




#73
 Carbazole
 Concen: 44.827 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

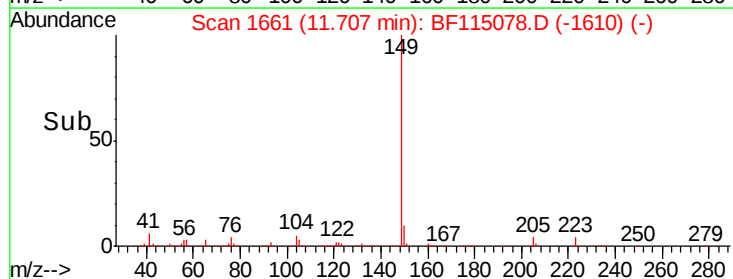
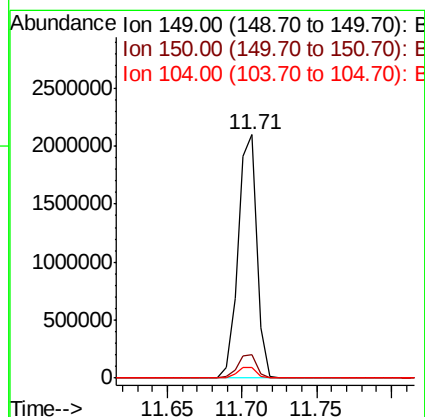
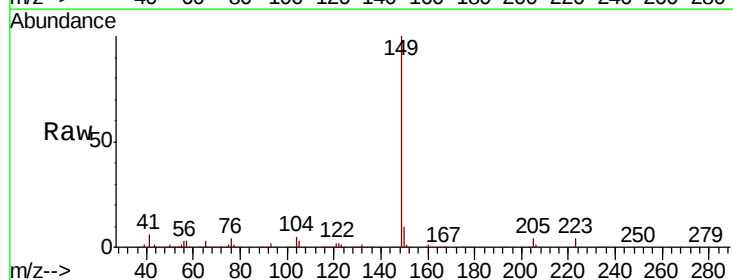
Instrument :
 BNA_F
 ClientSampleId :

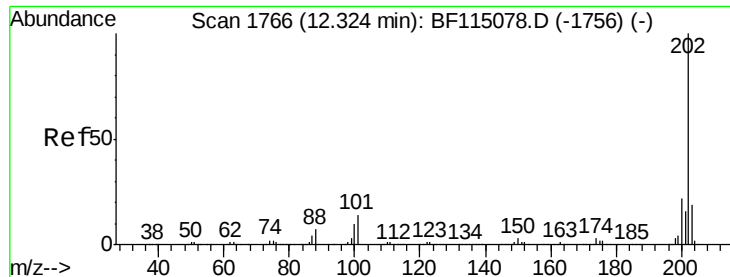
Tot Ion:167 Resp: 1599581
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 13.9 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.207 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Tgt Ion:149 Resp: 1853700
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.6 3.7 5.5

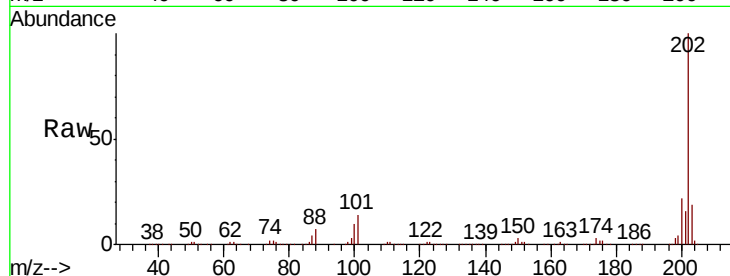




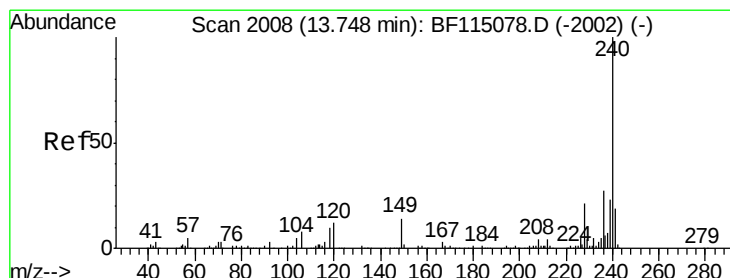
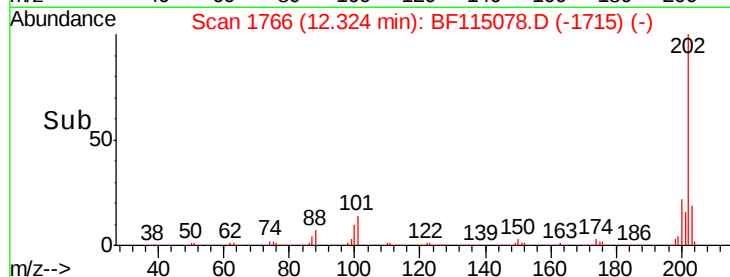
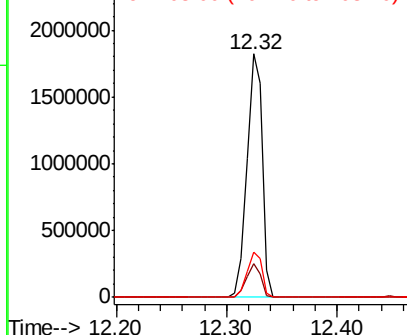
#75
 Fluoranthene
 Concen: 42.837 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1775062
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 34.0
 203 18.8 0.0 38.8

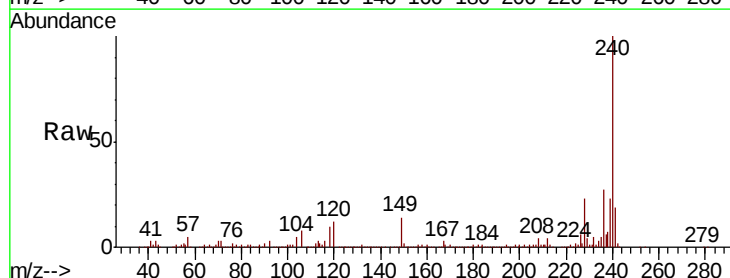


Abundance Ion 202.00 (201.70 to 202.70): E
 2500000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

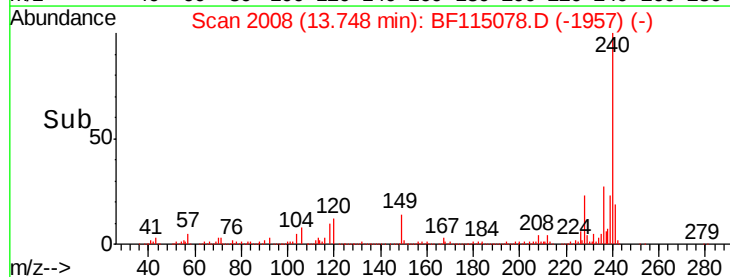
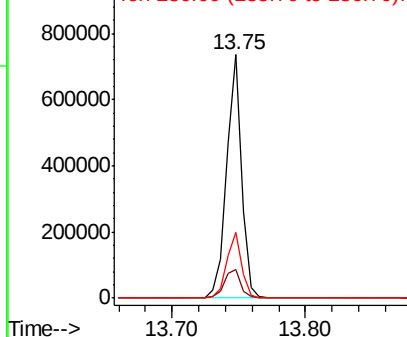


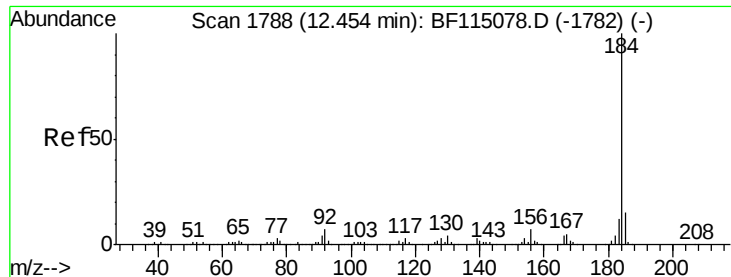
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Tgt Ion:240 Resp: 581758
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.4 14.2
 236 27.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
 1000000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.473 ng

RT: 12.45 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampleId :

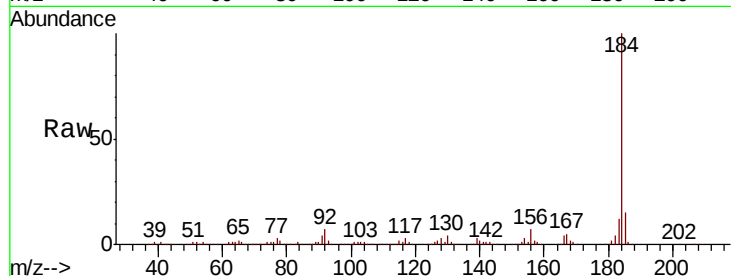
Tot Ion:184 Resp: 1070022

Ion Ratio Lower Upper

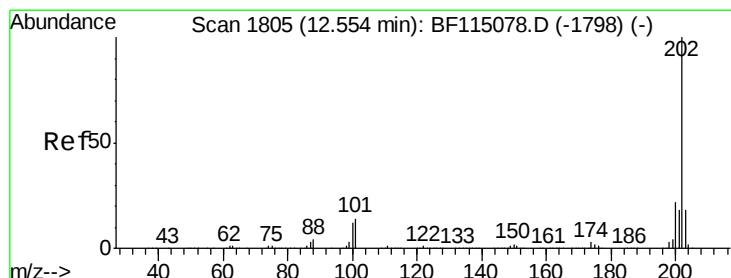
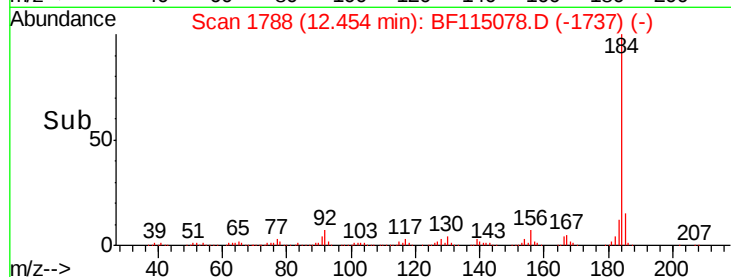
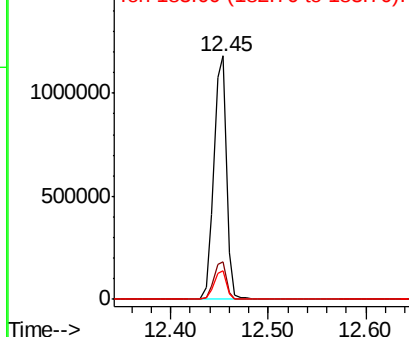
184 100

185 15.2 12.2 18.2

183 12.0 9.6 14.4



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: 34.449 ng

RT: 12.55 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

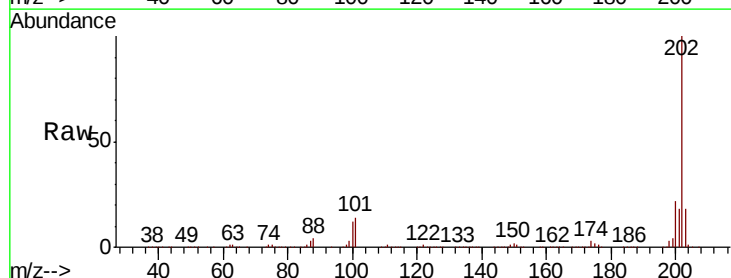
Tgt Ion:202 Resp: 1825713

Ion Ratio Lower Upper

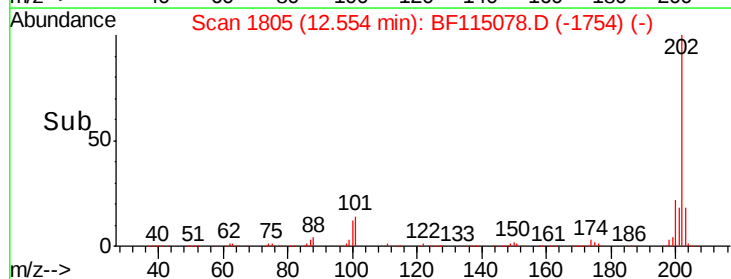
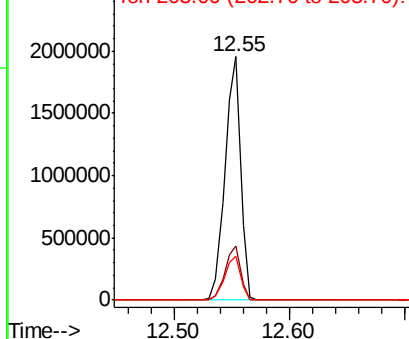
202 100

200 22.4 17.9 26.9

203 18.2 14.6 21.8



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: 72.742 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampled :

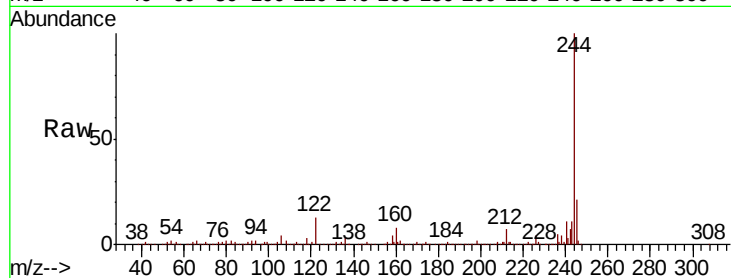
Tot Ion:244 Resp: 2249942

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

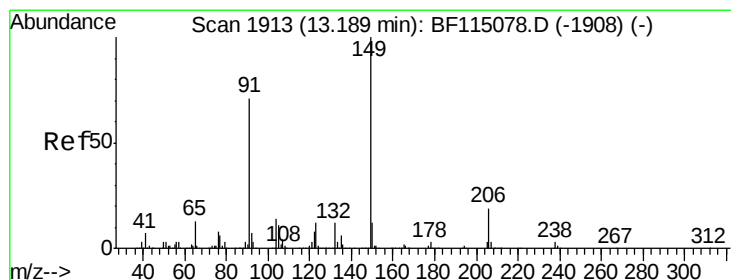
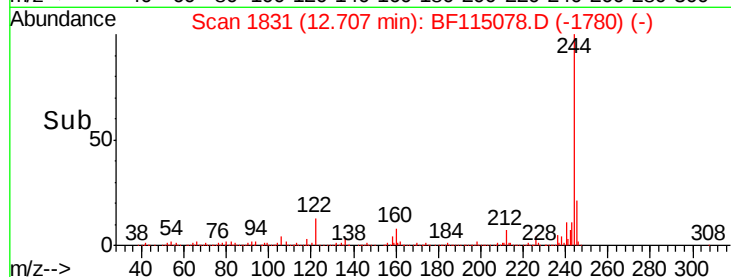
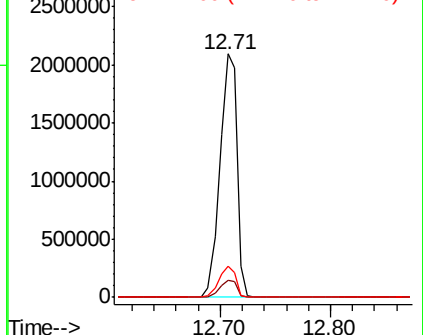
122 13.0 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.538 ng

RT: 13.19 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

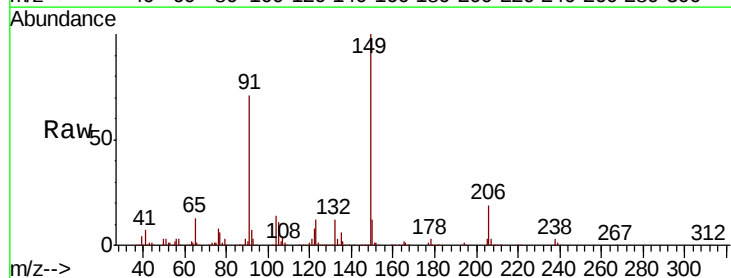
Tgt Ion:149 Resp: 805440

Ion Ratio Lower Upper

149 100

91 70.6 56.5 84.7

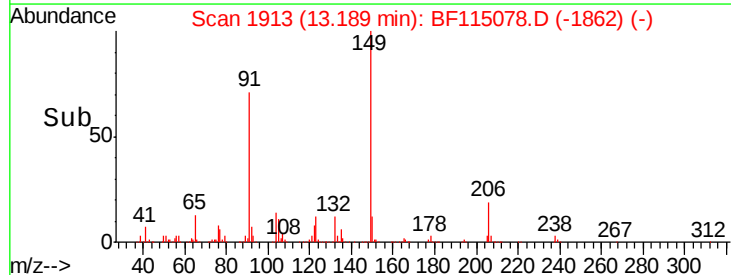
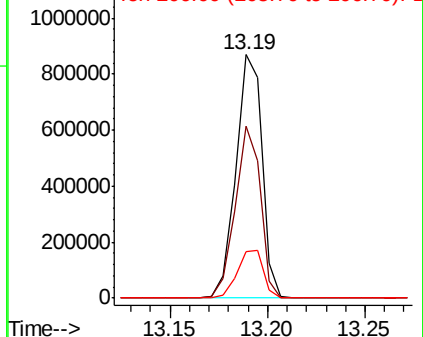
206 19.1 15.3 22.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.459 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

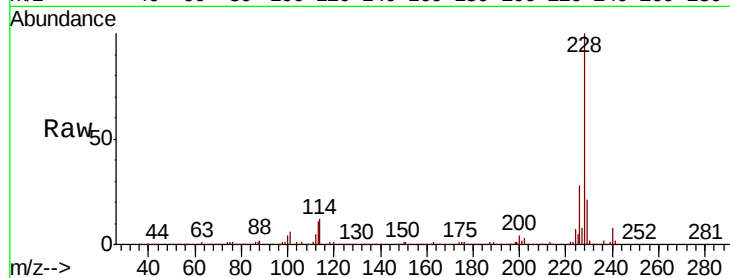
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1717809

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.7	16.6	24.8

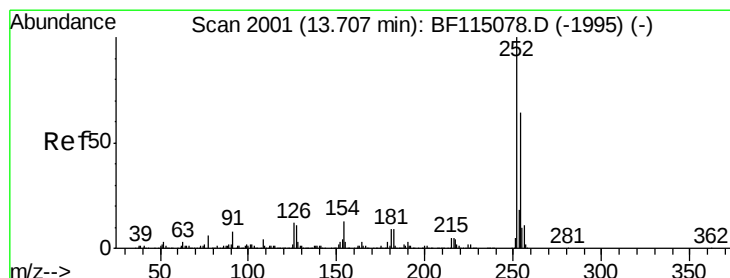
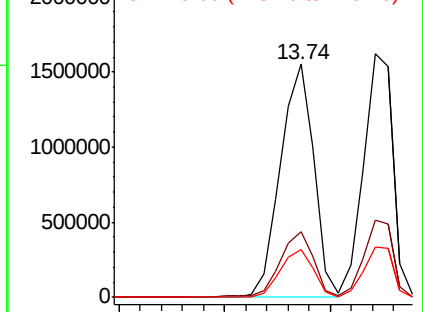
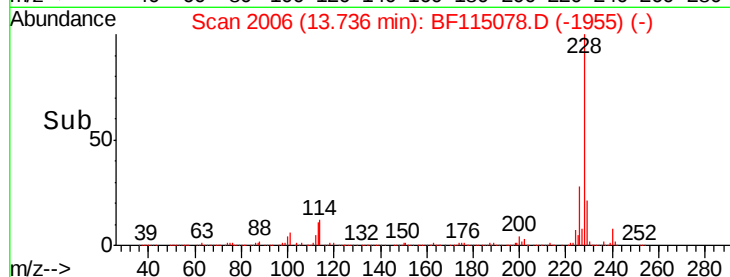


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 38.060 ng

RT: 13.71 min Scan# 2001

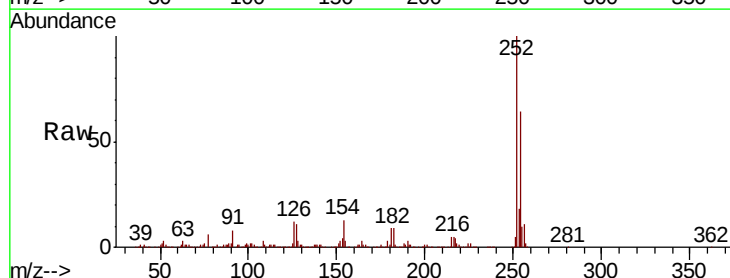
Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Tgt Ion:252 Resp: 635232

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.1	76.7
126	11.7	9.4	14.0

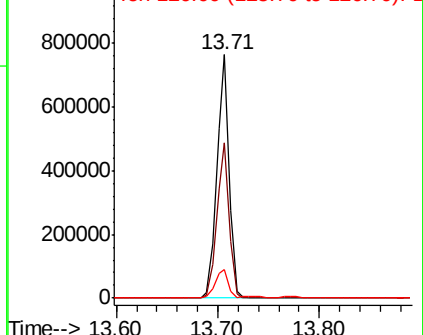
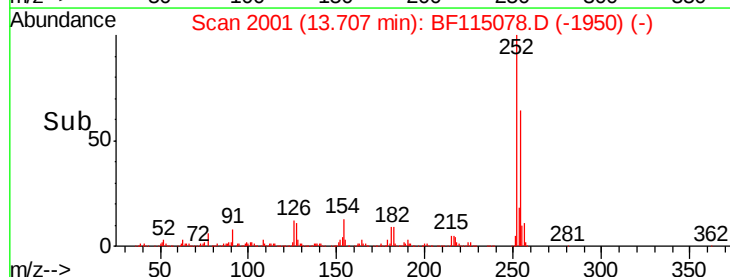


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

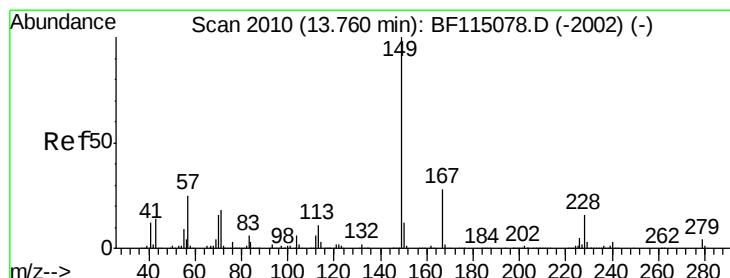
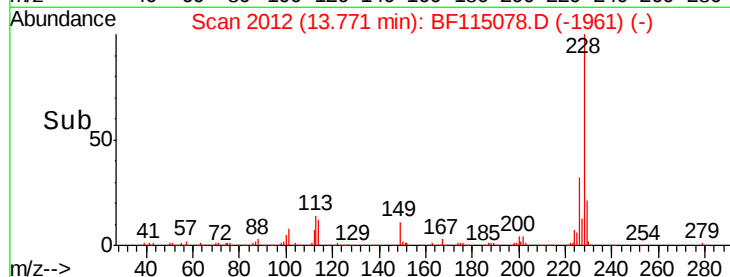
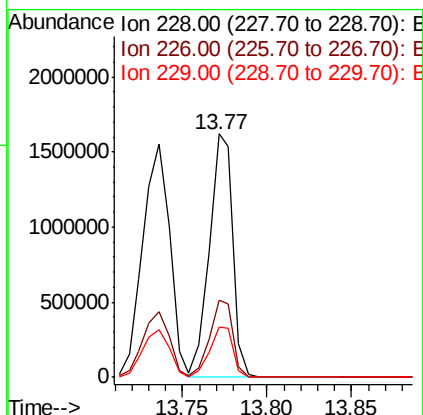
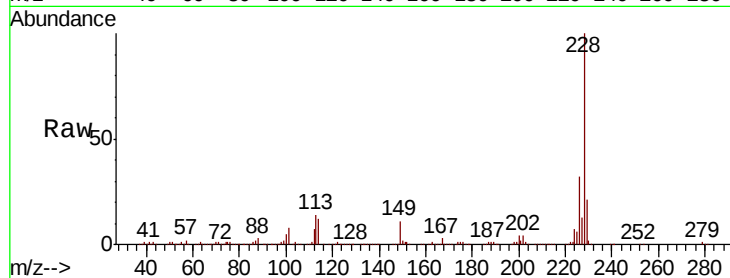




#83
 Chrvsene
 Concen: 36.264 ng
 RT: 13.77 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

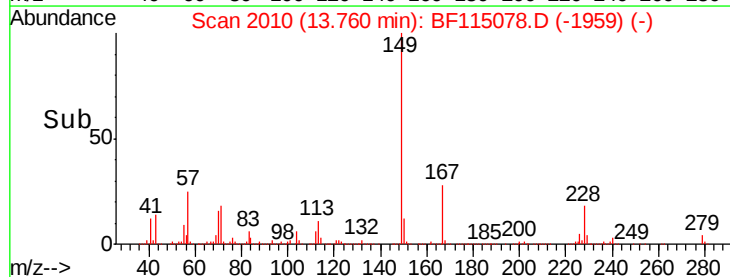
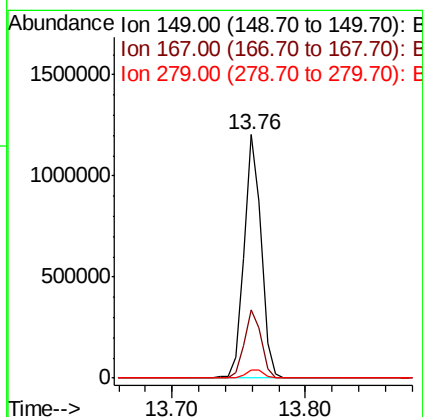
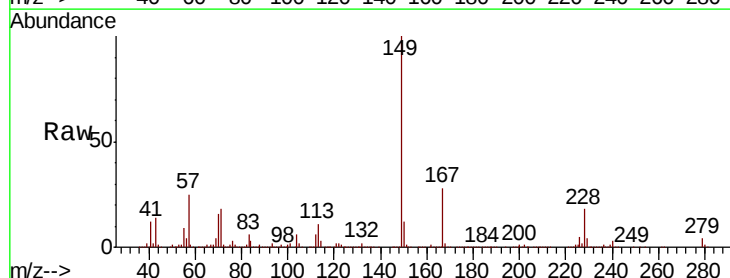
Instrument :
 BNA_F
 ClientSampleId :

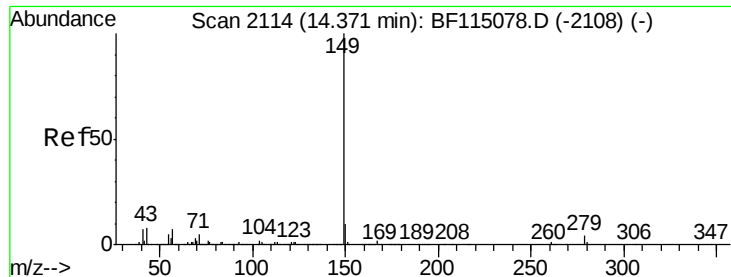
Tot Ion:228 Resp: 1569900
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.4 38.0
 229 20.6 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.084 ng
 RT: 13.76 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF115078.D
 Acq: 21 Jun 2019 14:38

Tgt Ion:149 Resp: 1055685
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.2 33.4
 279 3.6 2.9 4.3

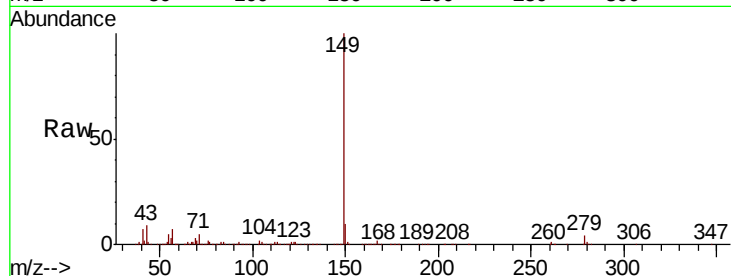




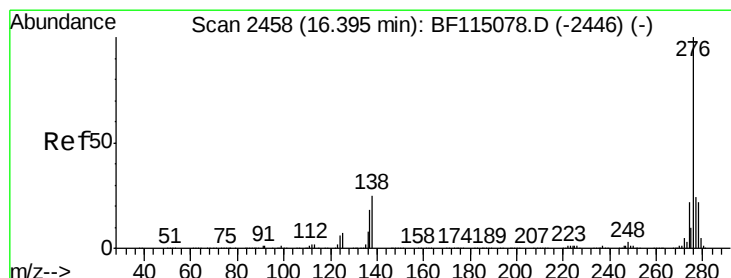
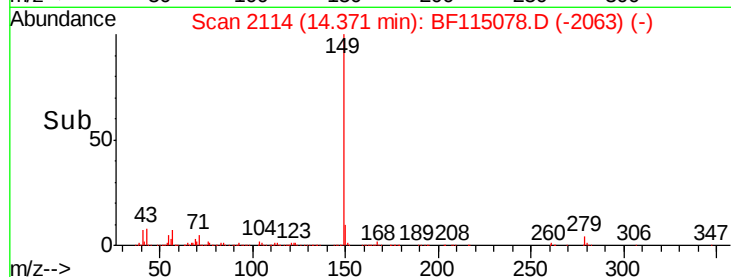
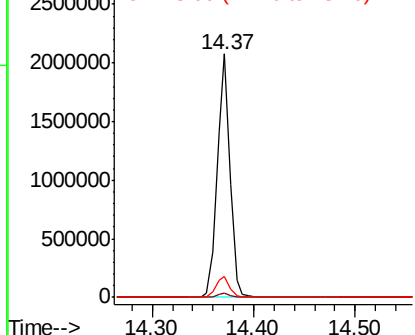
#85
Di-n-octyl phthalate
Concen: 35.550 ng
RT: 14.37 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1791008
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.8 7.0 10.6

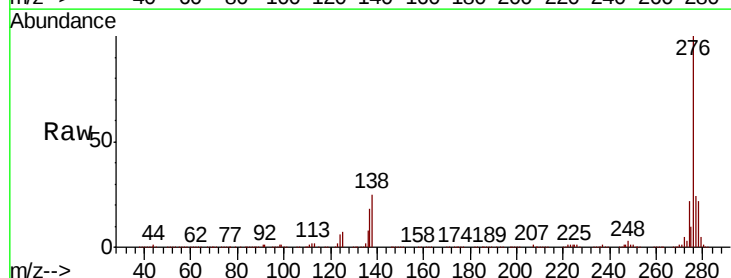


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

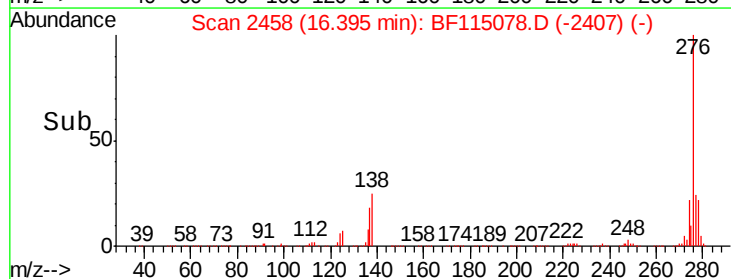
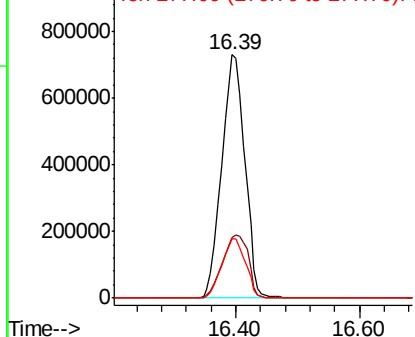


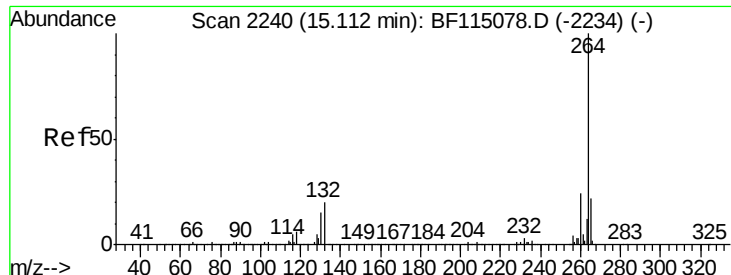
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.973 ng
RT: 16.39 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion:276 Resp: 1900327
Ion Ratio Lower Upper
276 100
138 29.0 23.2 34.8
277 25.1 20.1 30.1



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampleId :

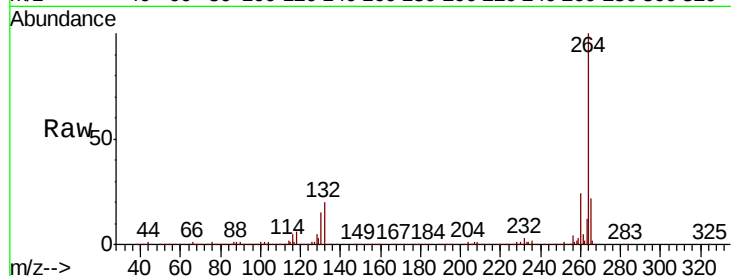
Tot Ion:264 Resp: 675206

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

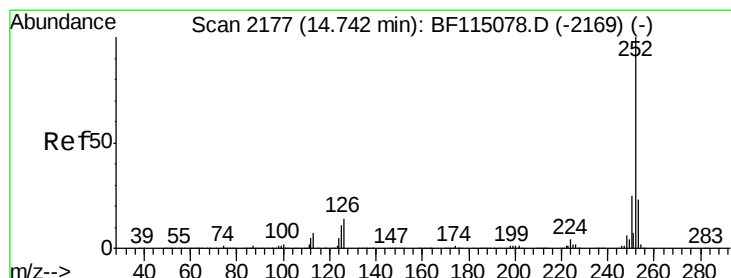
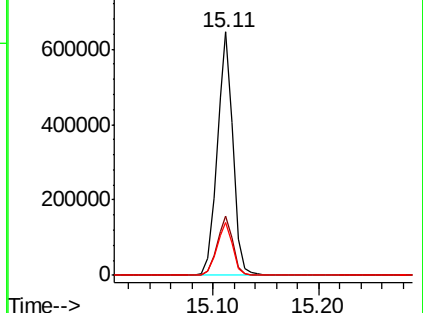
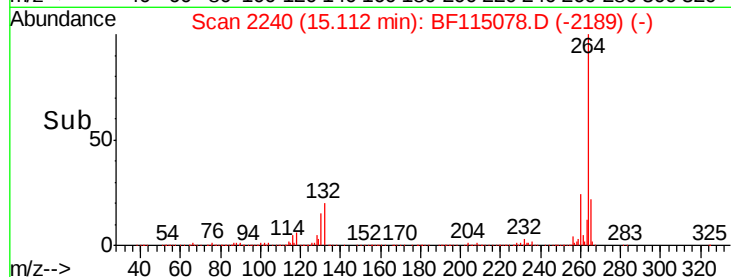
265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.934 ng

RT: 14.74 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

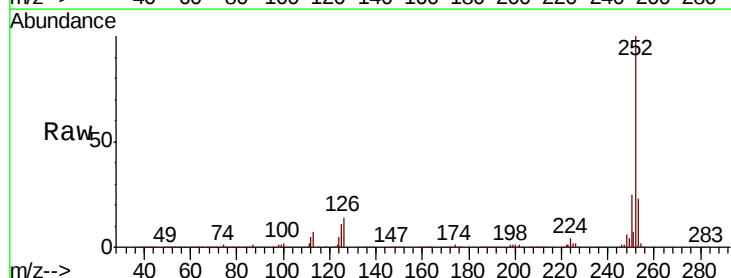
Tgt Ion:252 Resp: 1792457

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

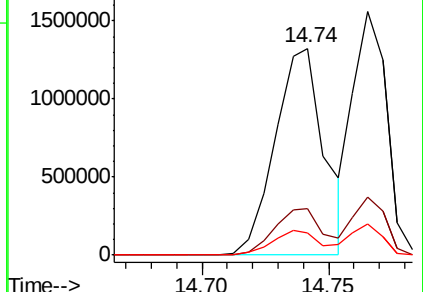
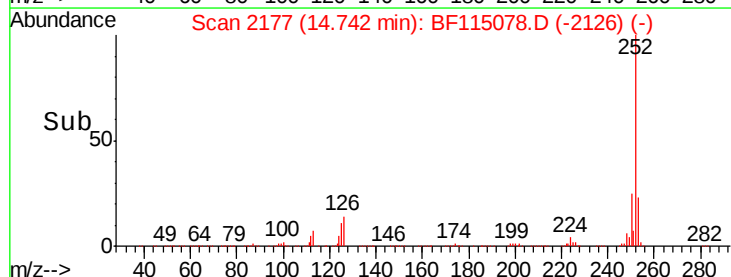
125 10.9 8.7 13.1

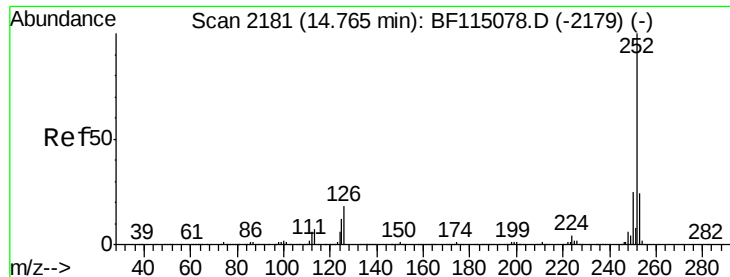


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

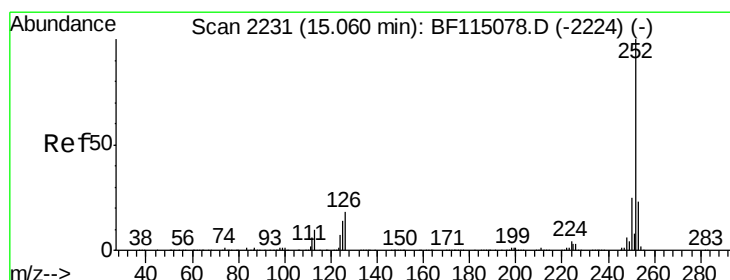
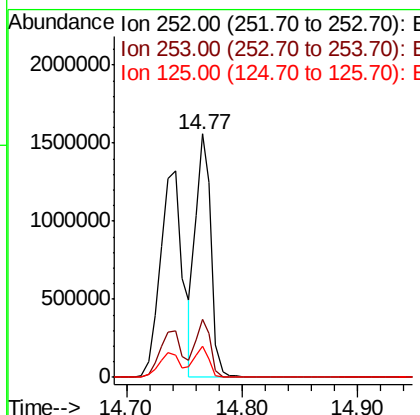
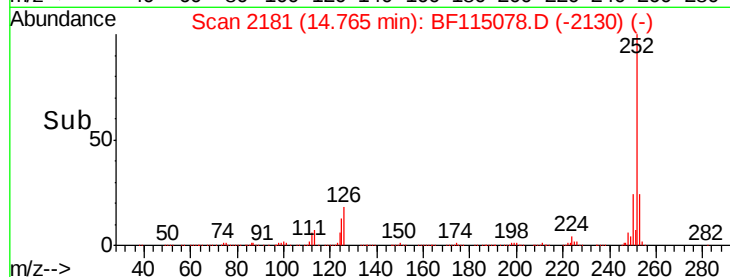
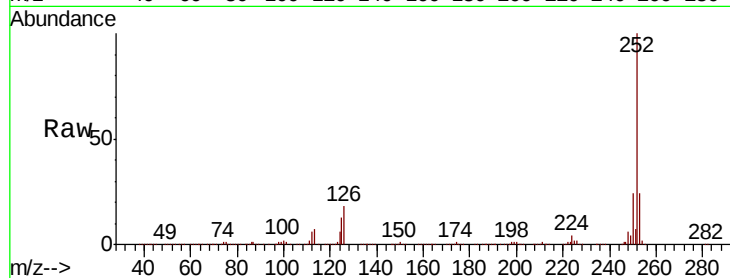




#89
Benzo(k)fluoranthene
Concen: 36.926 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

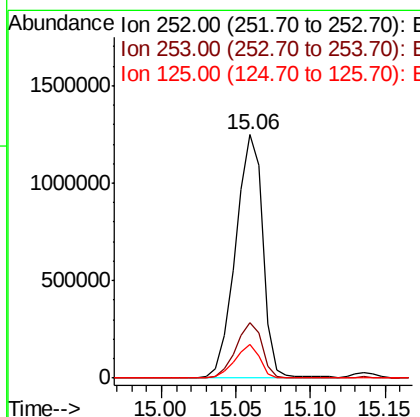
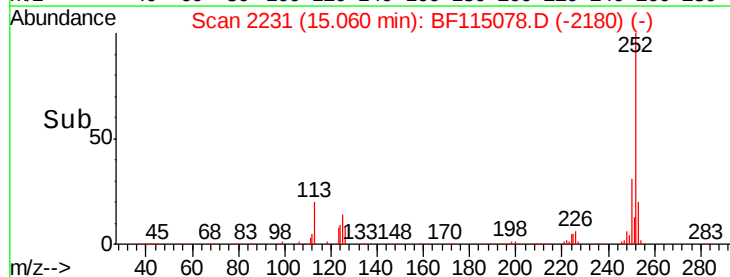
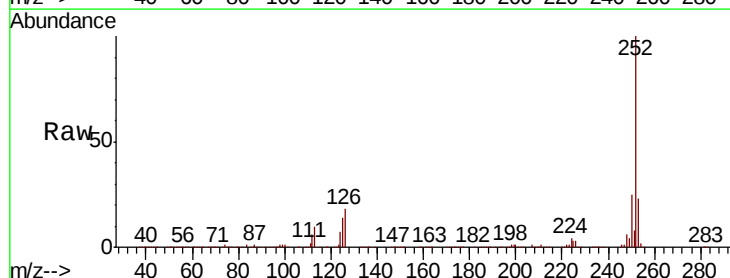
Instrument :
BNA_F
ClientSampleId :

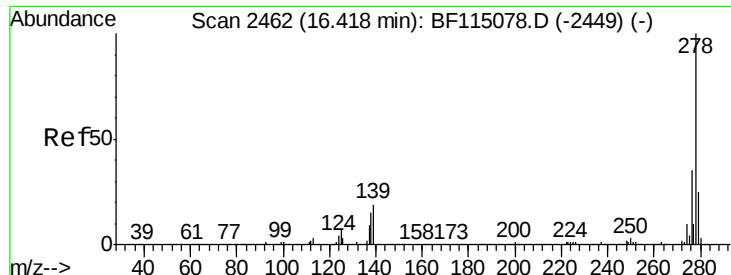
Tot Ion:252 Resp: 1454807
Ion Ratio Lower Upper
252 100
253 23.6 18.9 28.3
125 12.7 10.2 15.2



#90
Benzo(a)pyrene
Concen: 40.980 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115078.D
Acq: 21 Jun 2019 14:38

Tgt Ion:252 Resp: 1587198
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 13.6 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 45.890 ng

RT: 16.42 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

Instrument :

BNA_F

ClientSampleId :

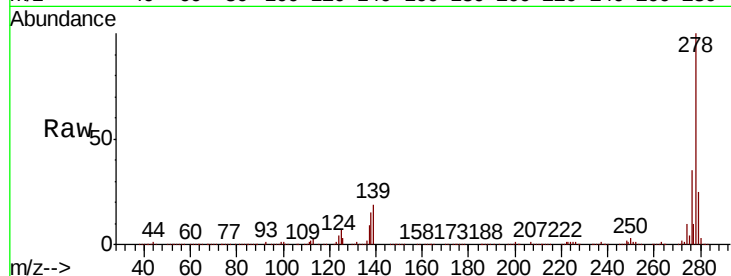
Tot Ion:278 Resp: 1530661

Ion Ratio Lower Upper

278 100

139 19.3 15.4 23.2

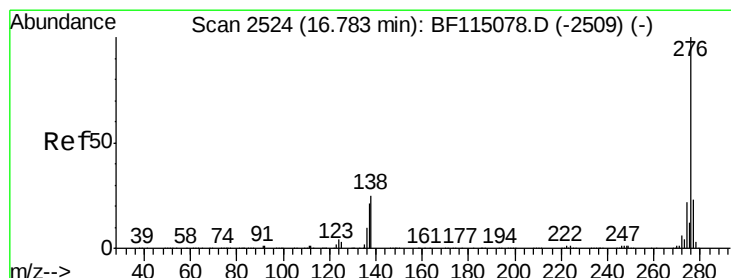
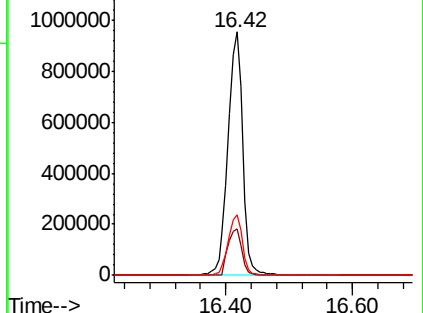
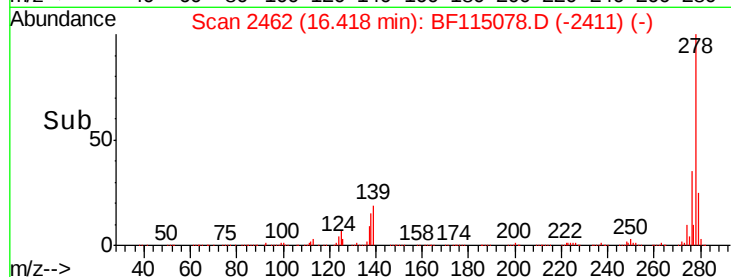
279 24.9 19.9 29.9



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: 45.975 ng

RT: 16.78 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BF115078.D

Acq: 21 Jun 2019 14:38

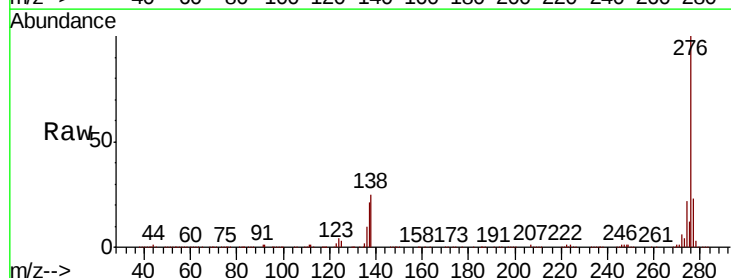
Tgt Ion:276 Resp: 1563928

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 24.7 19.8 29.6



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

