

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115520.D
 Acq On : 12 Jul 2019 10:23
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 12:35:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 12:28:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	207217	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	835862	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	408410	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	757173	20.00	ng	0.00
76) Chrysene-d12	14.05	240	470966	20.00	ng	0.00
87) Perylene-d12	15.52	264	422964	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	987306	73.61	ng	0.00
7) Phenol-d6	6.52	99	1248734	73.21	ng	0.00
23) Nitrobenzene-d5	7.45	82	1134297	80.18	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	366054	81.06	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1929283	82.89	ng	0.00
79) Terphenyl-d14	13.00	244	1970047	85.65	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	244138	37.111	ng	100
3) Pyridine	3.46	79	653380	35.918	ng	100
4) n-Nitrosodimethylamine	3.42	42	241233	32.703	ng	100
6) Aniline	6.55	93	871140	36.191	ng	100
8) 2-Chlorophenol	6.67	128	571242	37.720	ng	100
9) Benzaldehyde	6.43	77	362347	33.355	ng	100
10) Phenol	6.53	94	731637	35.850	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	549195	36.275	ng	100
12) 1,3-Dichlorobenzene	6.83	146	639794	38.561	ng	100
13) 1,4-Dichlorobenzene	6.90	146	639463	38.477	ng	100
14) 1,2-Dichlorobenzene	7.06	146	589473	38.310	ng	100
15) Benzyl Alcohol	7.03	79	500217	36.546	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	735627	34.750	ng	100
17) 2-Methylphenol	7.14	107	484810	37.368	ng	100
18) Hexachloroethane	7.40	117	238084	38.456	ng	100
19) n-Nitroso-di-n-propylamine	7.30	70	401258	34.772	ng	100
20) 3+4-Methylphenols	7.29	107	566846	36.988	ng	100
22) Acetophenone	7.30	105	744176	37.155	ng	100
24) Nitrobenzene	7.47	77	607511	38.024	ng	100
25) Isophorone	7.71	82	1104625	36.023	ng	100
26) 2-Nitrophenol	7.79	139	316343	48.160	ng	100
27) 2,4-Dimethylphenol	7.82	122	474732	37.902	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	697884	36.908	ng	100
29) 2,4-Dichlorophenol	8.03	162	491099	39.366	ng	100
30) 1,2,4-Trichlorobenzene	8.11	180	557930	40.173	ng	100
31) Naphthalene	8.19	128	1618407	38.981	ng	100
32) Benzoic acid	7.95	122	327494	38.266	ng	100
33) 4-Chloroaniline	8.24	127	697707	37.665	ng	100
34) Hexachlorobutadiene	8.32	225	319896	40.616	ng	100
35) Caprolactam	8.62	113	147529	36.309	ng	100
36) 4-Chloro-3-methylphenol	8.72	107	499790	37.875	ng	100
37) 2-Methylnaphthalene	8.89	142	1052311	37.920	ng	100
38) 1-Methylnaphthalene	8.99	142	998199	37.700	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	485190	41.295	ng	100

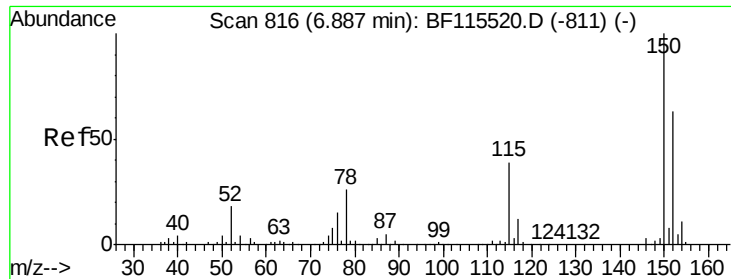
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115520.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 12:28:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	283177	41.583	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	351390	41.080	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	364795	41.128	ng	100
46) 1,1'-Biphenyl	9.35	154	1257693	39.172	ng	100
47) 2-Chloronaphthalene	9.37	162	1051805	39.637	ng	100
48) 2-Nitroaniline	9.46	65	316877	40.645	ng	100
49) Acenaphthylene	9.79	152	1546407	38.490	ng	100
50) Dimethylphthalate	9.65	163	1179691	38.484	ng	100
51) 2,6-Dinitrotoluene	9.70	165	273053	41.072	ng	100
52) Acenaphthene	9.96	154	992818	39.265	ng	100
53) 3-Nitroaniline	9.87	138	311960	40.401	ng	100
54) 2,4-Dinitrophenol	9.98	184	142770	61.372	ng	100
55) Dibenzofuran	10.13	168	1362715	38.259	ng	100
56) 4-Nitrophenol	10.03	139	238095	39.855	ng	100
57) 2,4-Dinitrotoluene	10.11	165	352549	41.727	ng	100
58) Fluorene	10.47	166	1006109	35.833	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	300374	39.202	ng	100
60) Diethylphthalate	10.35	149	1115106	36.957	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	522403	38.120	ng	100
62) 4-Nitroaniline	10.49	138	298227	39.348	ng	100
63) Azobenzene	10.63	77	1086414	34.930	ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	185283	56.327	ng	100
66) n-Nitrosodiphenylamine	10.59	169	929137	38.946	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	345304	40.643	ng	100
68) Hexachlorobenzene	11.03	284	387586	40.655	ng	100
69) Atrazine	11.11	200	289049	39.149	ng	100
70) Pentachlorophenol	11.22	266	244227	42.035	ng	100
71) Phenanthrene	11.44	178	1527719	38.364	ng	100
72) Anthracene	11.49	178	1541186	38.595	ng	100
73) Carbazole	11.64	167	1379529	37.763	ng	100
74) Di-n-butylphthalate	11.97	149	1655986	37.508	ng	100
75) Fluoranthene	12.63	202	1568377	37.406	ng	100
77) Benzidine	12.74	184	655765	35.706	ng	100
78) Pyrene	12.86	202	1566504	42.772	ng	100
80) Butylbenzylphthalate	13.47	149	670829	41.921	ng	100
81) Benzo(a)anthracene	14.04	228	1211237	40.138	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	448061	40.920	ng	100
83) Chrysene	14.08	228	1222636	39.433	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	835709	42.171	ng	100
85) Di-n-octyl phthalate	14.64	149	1323054	37.503	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	993290	37.016	ng	100
88) Benzo(b)fluoranthene	15.09	252	1010314	36.687	ng	100
89) Benzo(k)fluoranthene	15.12	252	986049	40.261	ng	100
90) Benzo(a)pyrene	15.46	252	915951	38.563	ng	100
91) Dibenzo(a,h)anthracene	17.02	278	809231	39.869	ng	100
92) Benzo(g,h,i)perylene	17.45	276	800282	41.657	ng	100

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

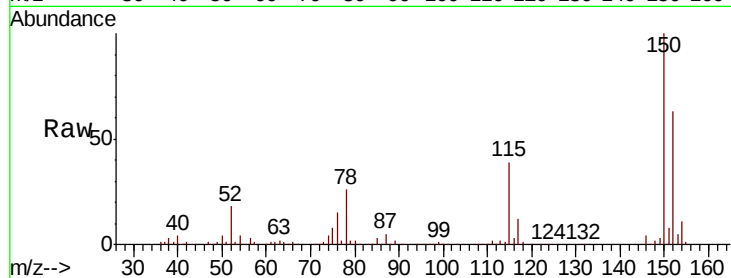


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.4	189.6
115	62.0	49.6	74.4

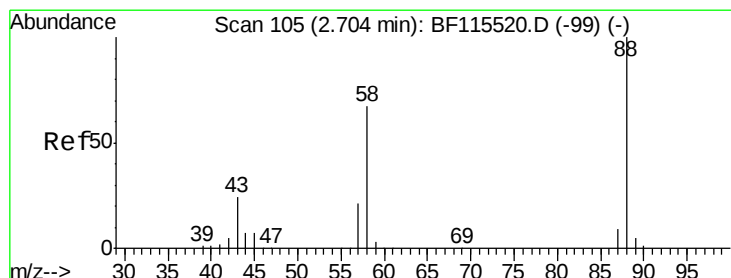
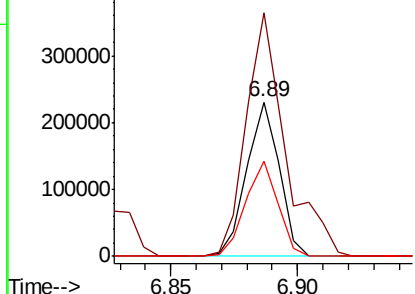
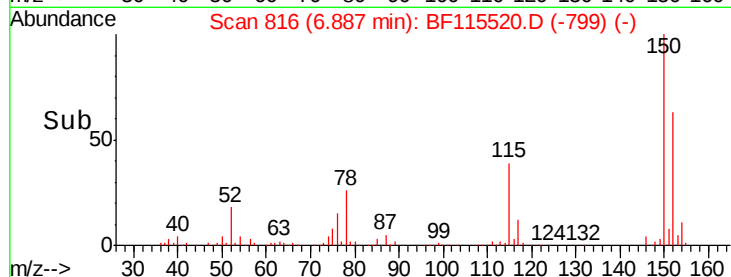


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

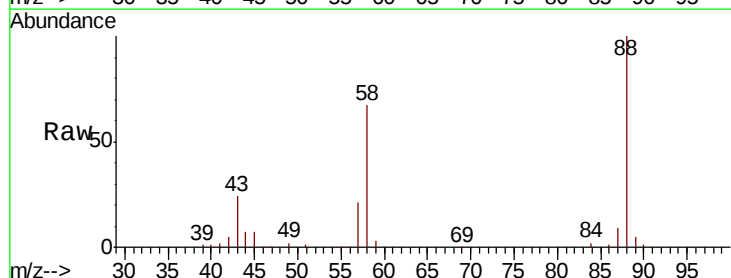
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.111 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	52.2	78.4
43	23.7	19.0	28.4

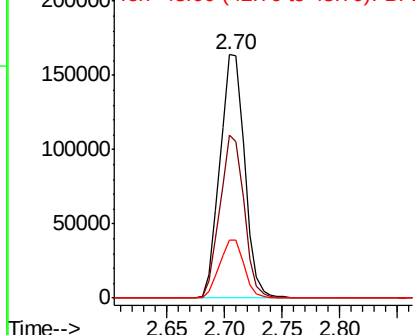
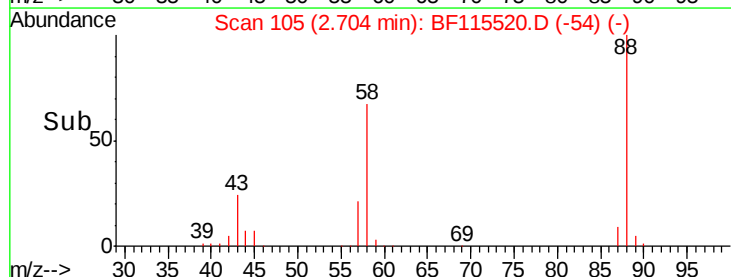


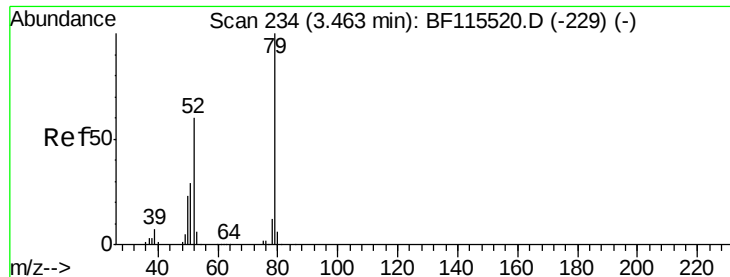
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



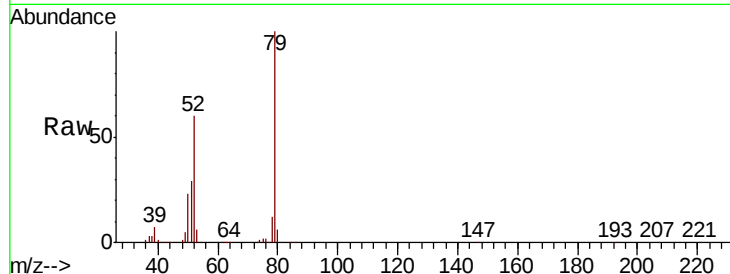


#3
Pvridine
Concen: 35.918 ng
RT: 3.46 min Scan# 234
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

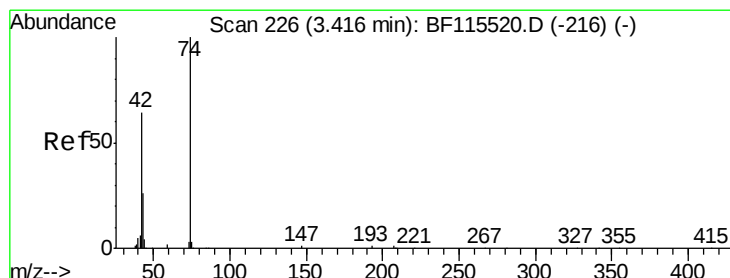
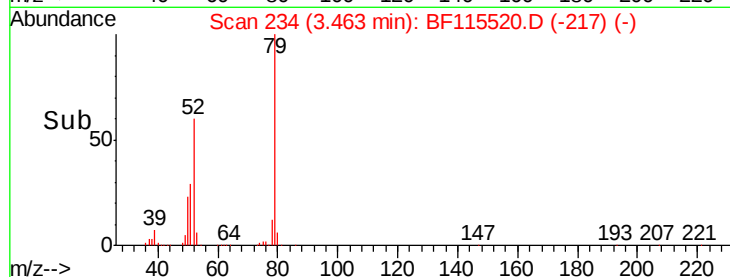
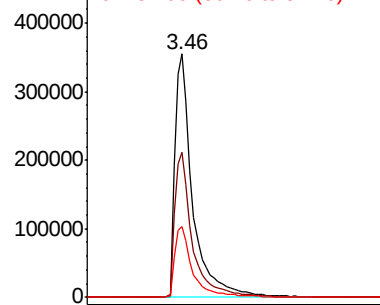
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 653380

Ion	Ratio	Lower	Upper
79	100		
52	59.5	47.6	71.4
51	29.2	23.4	35.0



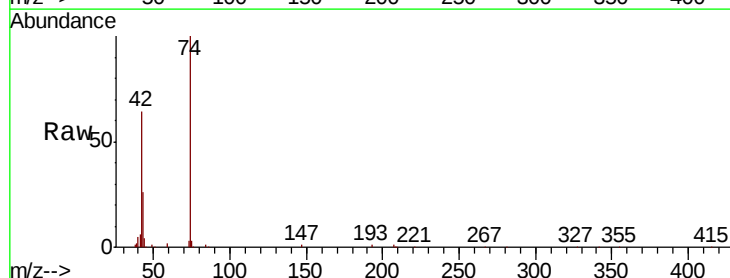
Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



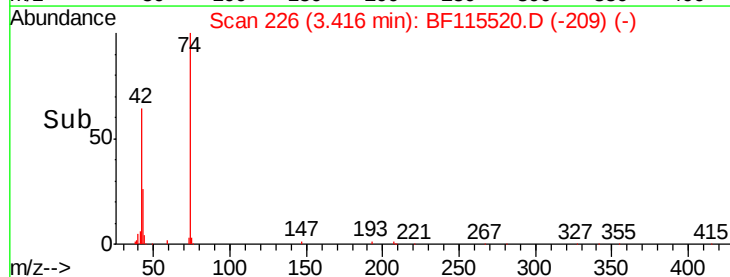
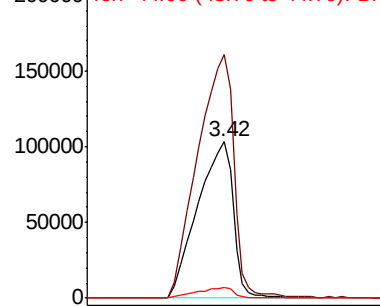
#4
n-Nitrosodimethylamine
Concen: 32.703 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

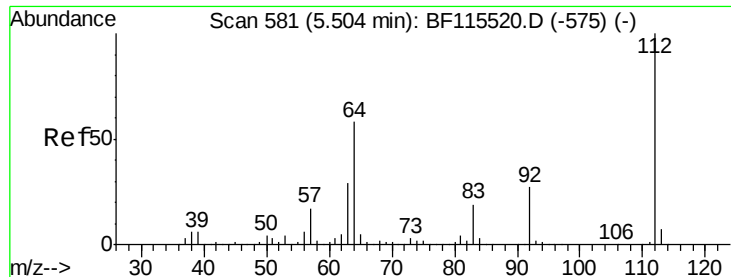
Tgt Ion: 42 Resp: 241233

Ion	Ratio	Lower	Upper
42	100		
74	156.0	124.8	187.2
44	7.0	5.6	8.4



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





#5

2-Fluorophenol

Concen: 73.614 ng

RT: 5.50 min Scan# 581

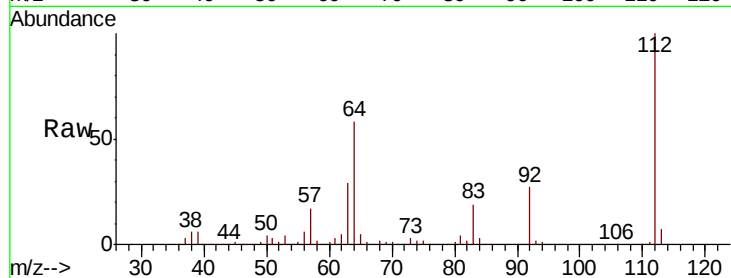
Delta R.T. 0.00 min

Lab File: BF115520.D

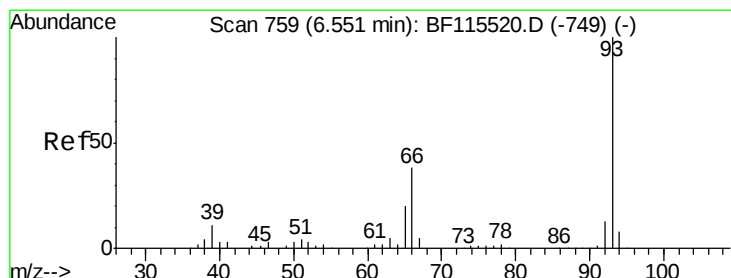
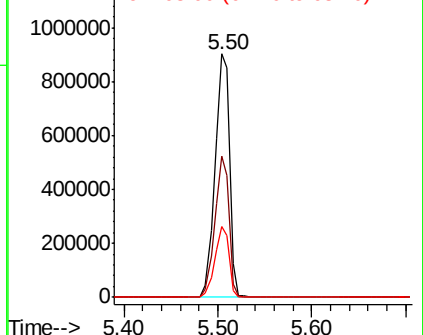
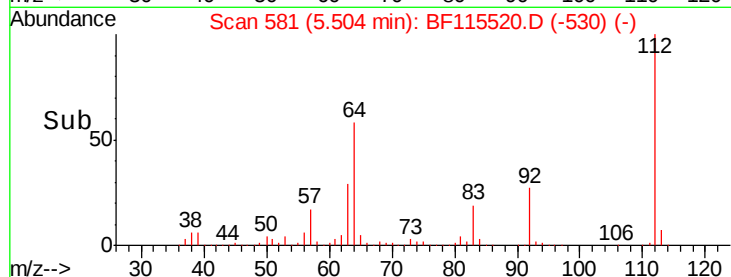
Acq: 12 Jul 2019 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	987306
Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.2	69.4
63	29.3	23.4	35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.191 ng

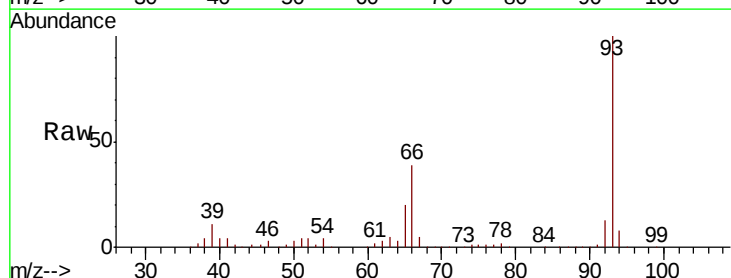
RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

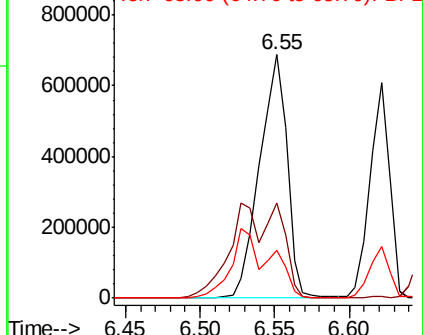
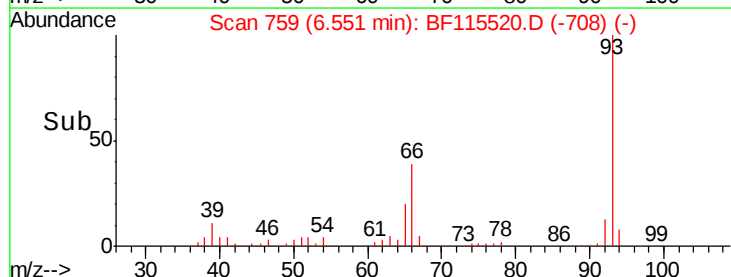
Lab File: BF115520.D

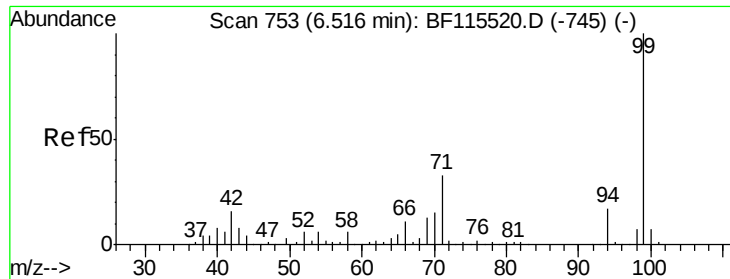
Acq: 12 Jul 2019 10:23

Tgt Ion:	93	Resp:	871140
Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.2	46.8
65	19.8	15.8	23.8



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: 73.209 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

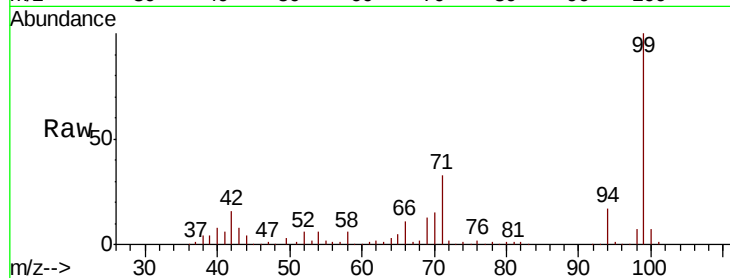
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1248734

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.6	18.8
71	33.2	26.6	39.8

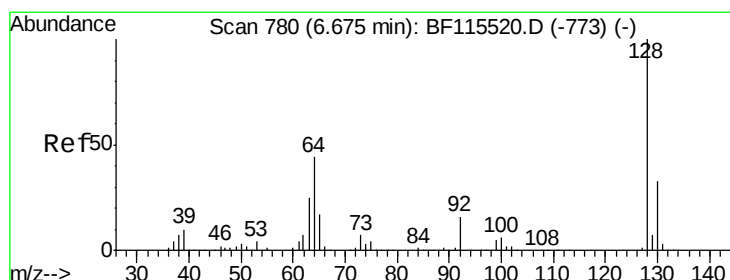
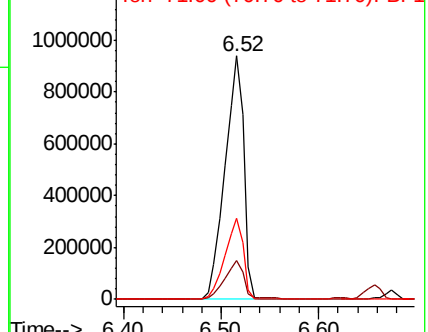
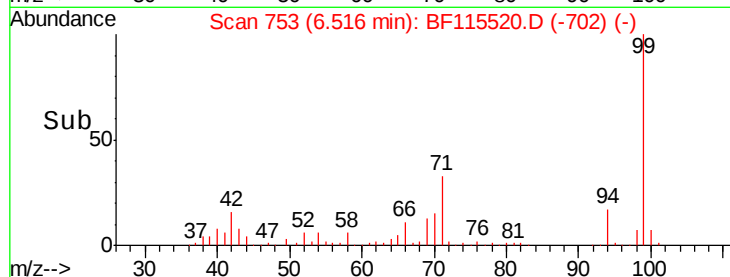


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.720 ng

RT: 6.67 min Scan# 780

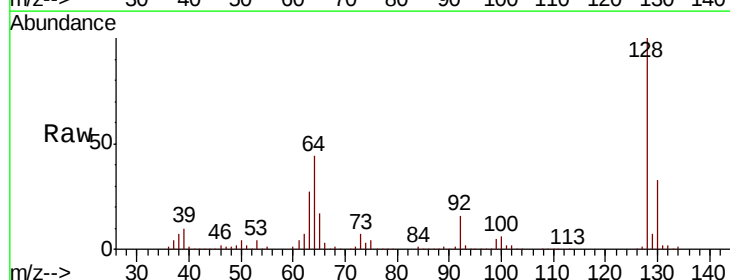
Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Tgt Ion: 128 Resp: 571242

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	43.9	23.9	63.9

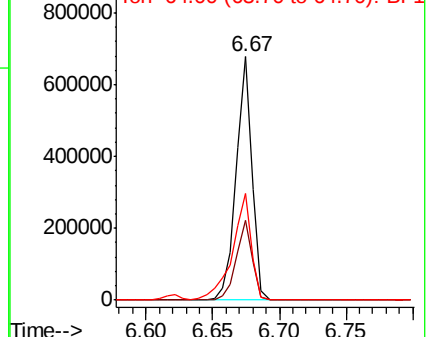
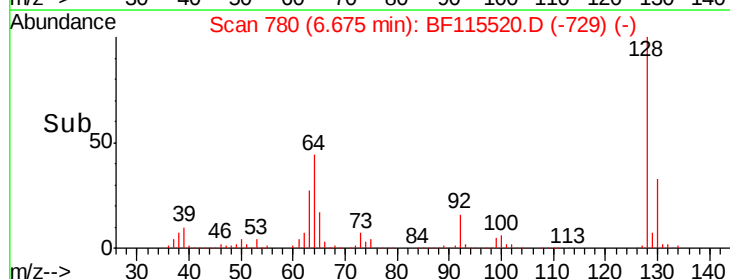


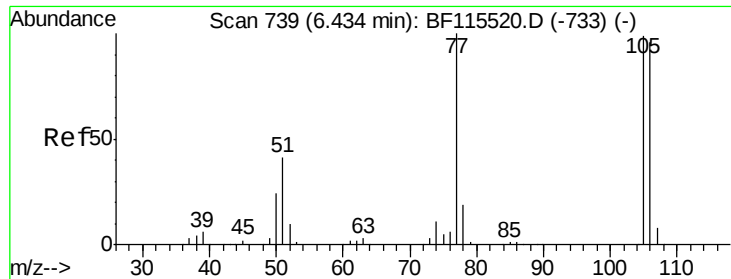
Abundance

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

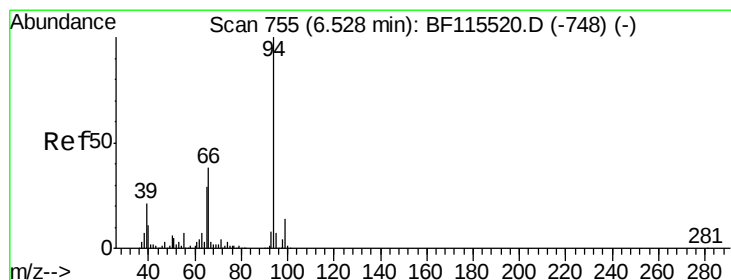
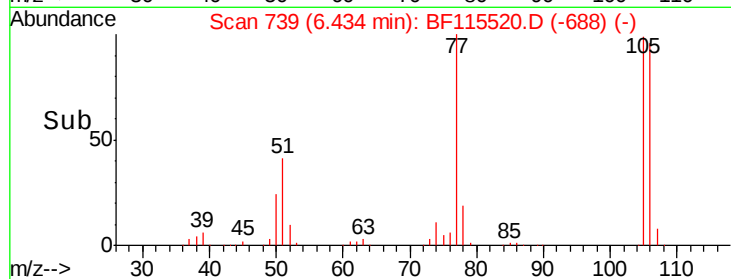
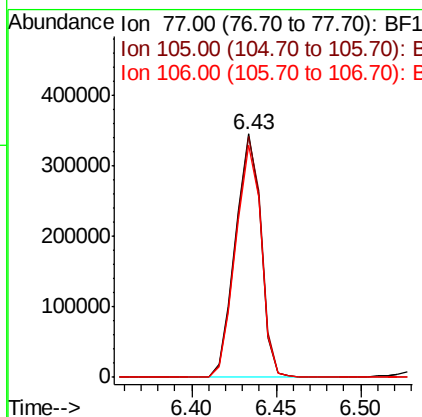
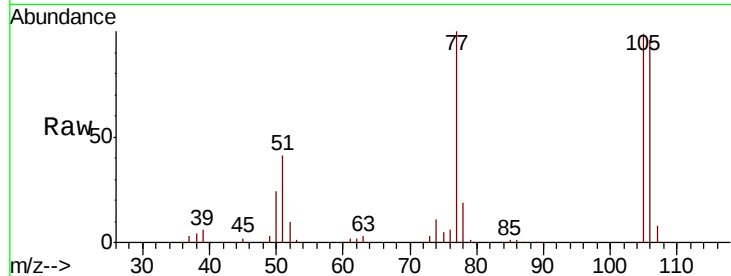




#9
Benzaldehyde
Concen: 33.355 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

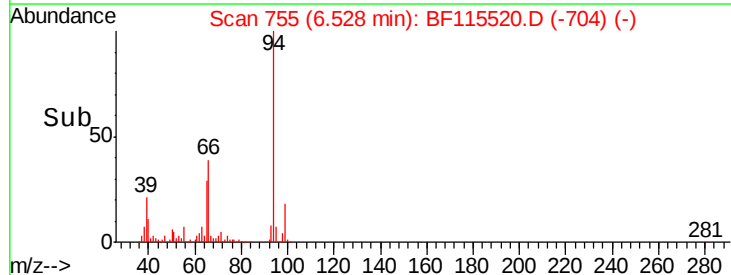
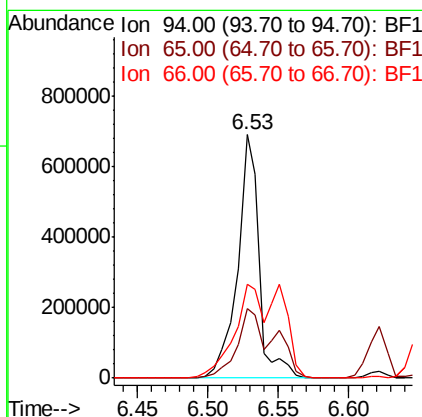
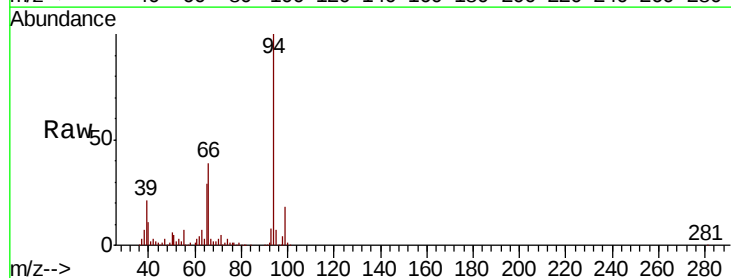
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.8	78.8	118.8
106	95.6	75.6	115.6



#10
Phenol
Concen: 35.850 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.6	48.6
66	38.7	18.7	58.7

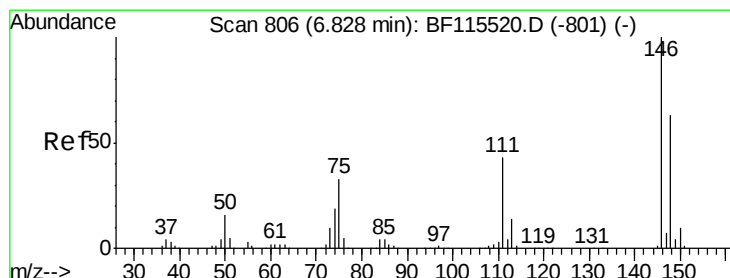
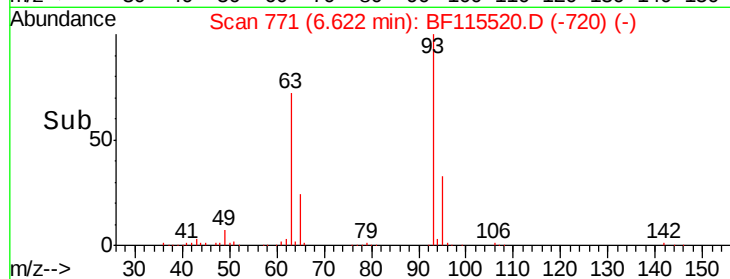
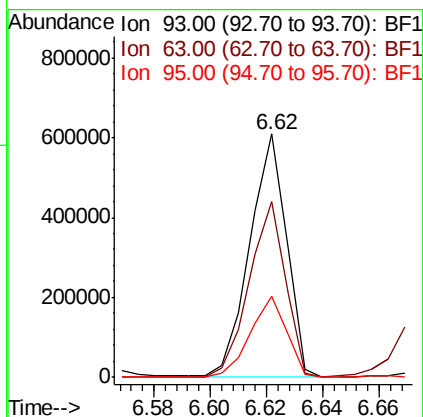
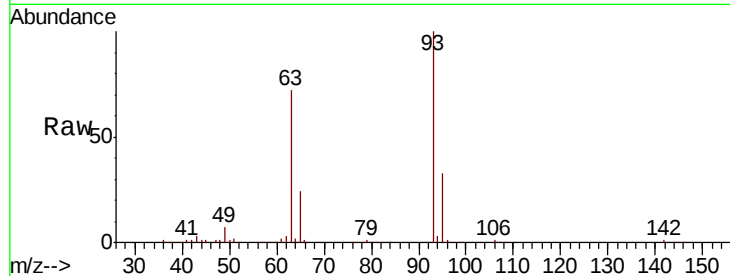




#11
 bis(2-Chloroethyl)ether
 Concen: 36.275 ng
 RT: 6.62 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

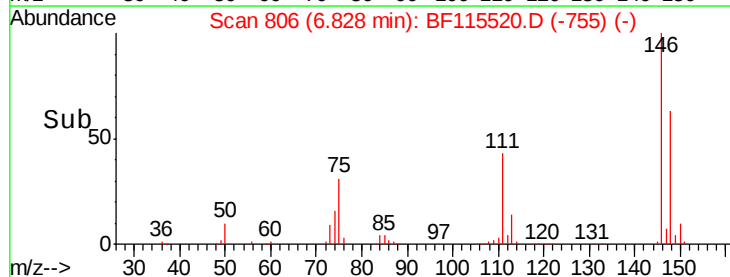
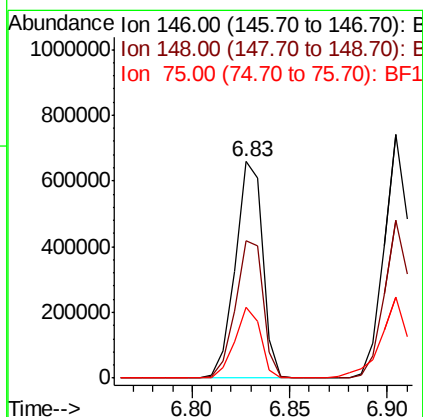
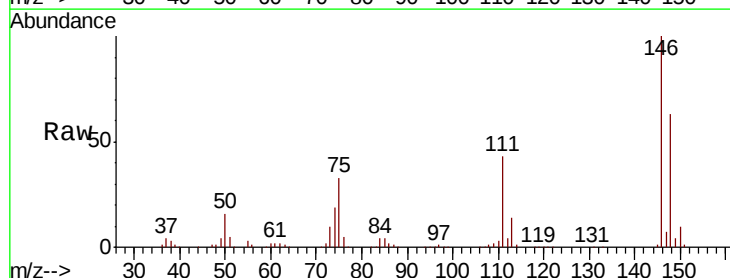
Instrument :
 BNA_F
 ClientSampleId :

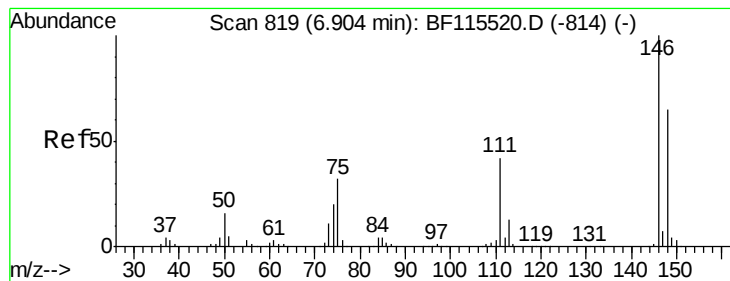
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.0	52.0	92.0
95	33.1	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 38.561 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
75	32.6	26.1	39.1





#13

1,4-Dichlorobenzene

Concen: 38.477 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :

BNA_F

ClientSampled :

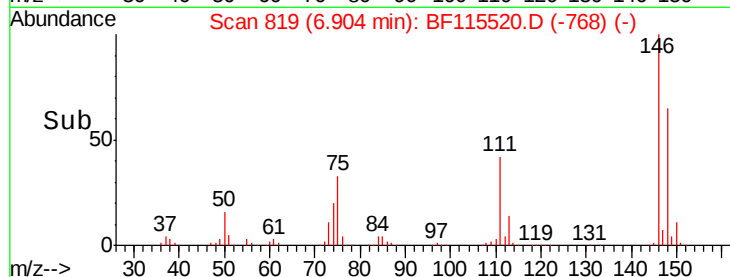
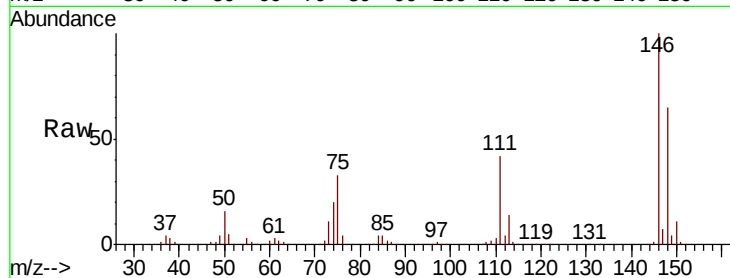
Tot Ion:146 Resp: 639463

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

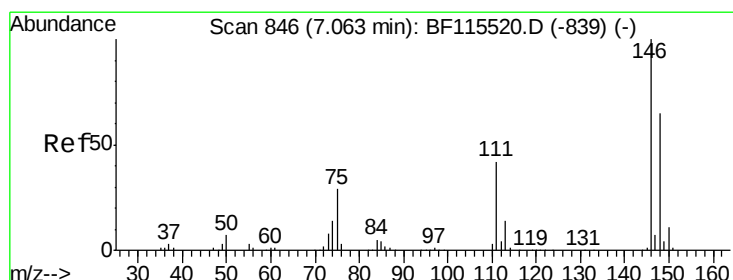
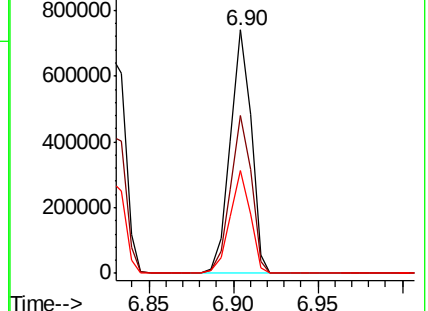
111 42.0 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.310 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

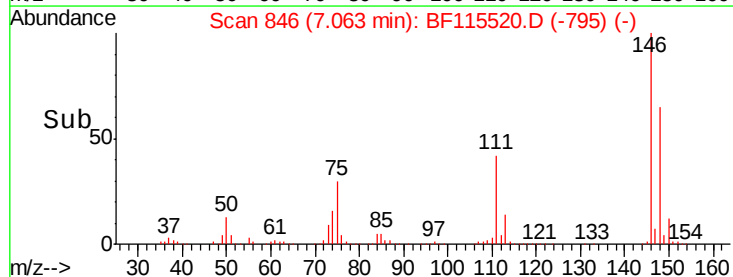
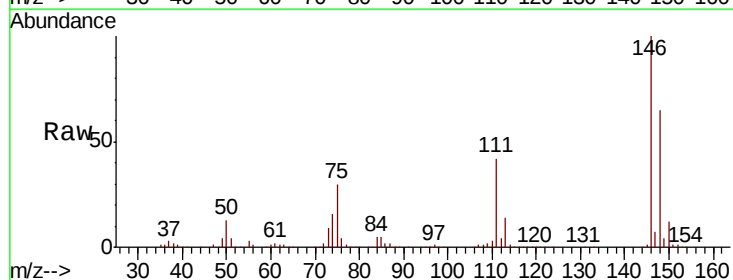
Tgt Ion:146 Resp: 589473

Ion Ratio Lower Upper

146 100

148 65.1 52.1 78.1

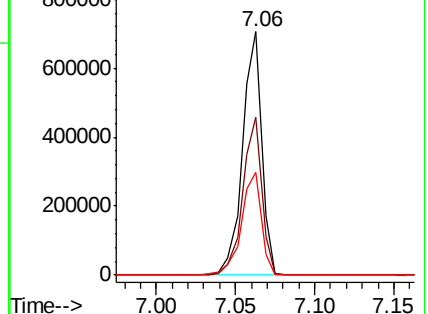
111 42.3 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.546 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :

BNA_F

ClientSampleId :

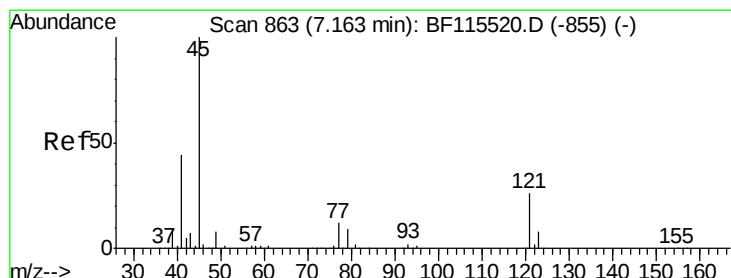
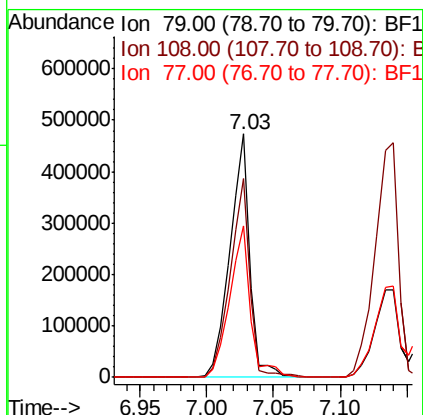
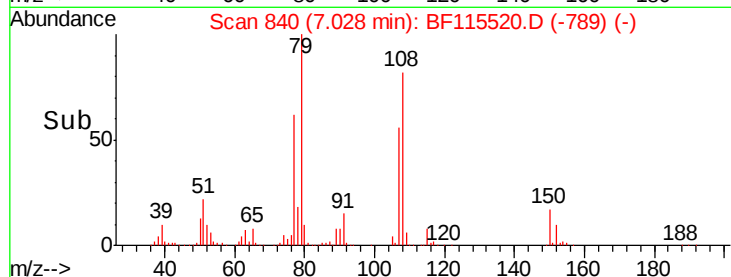
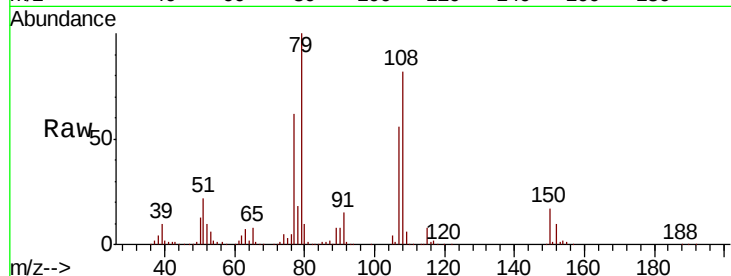
Tot Ion: 79 Resp: 500217

Ion	Ratio	Lower	Upper
79	100		
108	81.6	65.3	97.9
77	62.5	50.0	75.0

79 100

108 81.6 65.3 97.9

77 62.5 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.750 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

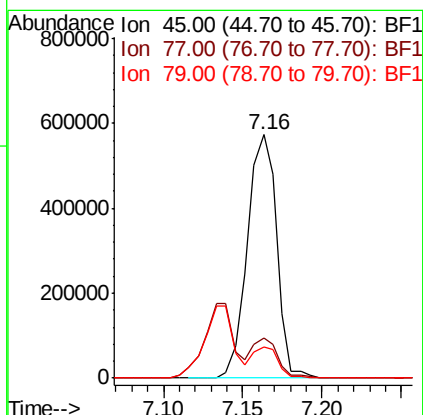
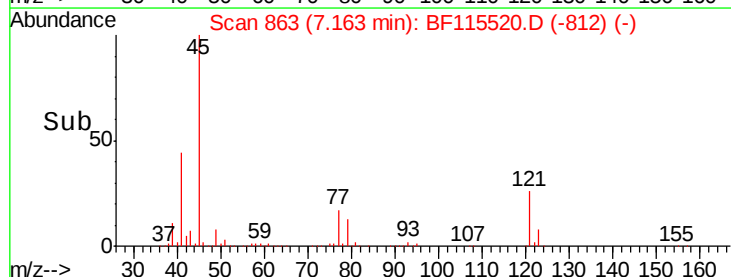
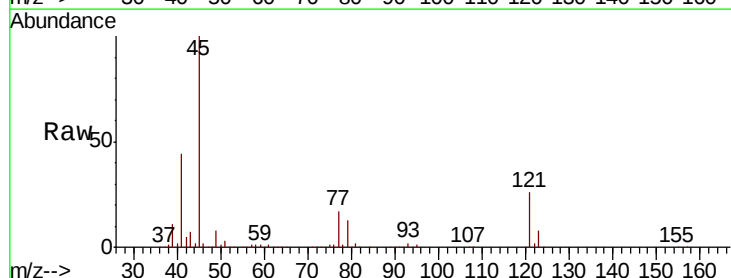
Tgt Ion: 45 Resp: 735627

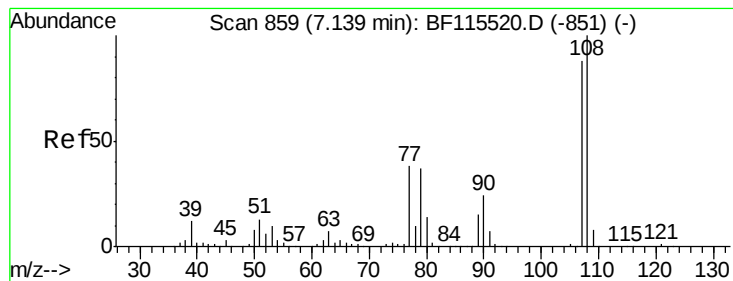
Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	36.7
79	12.8	0.0	32.8

45 100

77 16.7 0.0 36.7

79 12.8 0.0 32.8





#17

2-Methylphenol

Concen: 37.368 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 484810

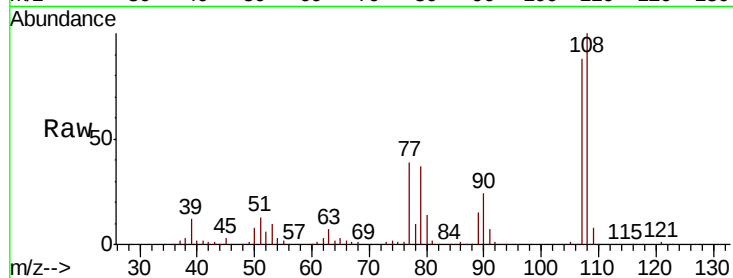
Ion Ratio Lower Upper

107 100

108 113.1 90.5 135.7

77 43.6 34.9 52.3

79 42.0 33.6 50.4

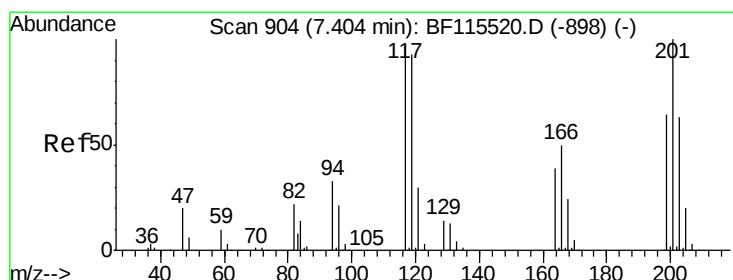
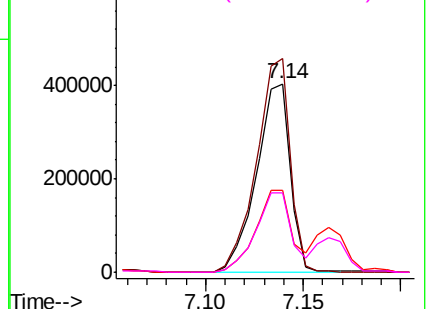
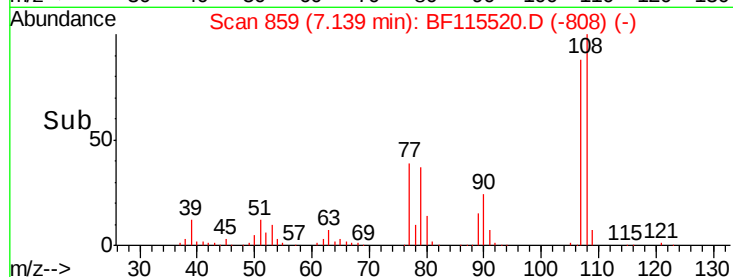


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.456 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

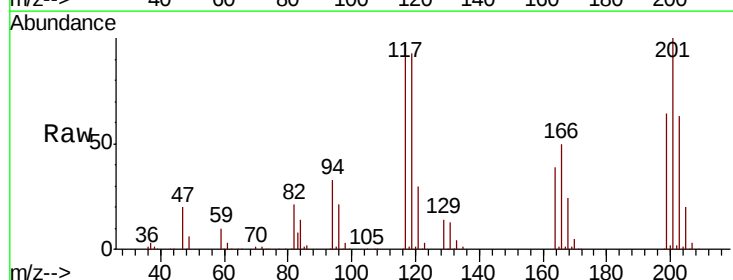
Tgt Ion:117 Resp: 238084

Ion Ratio Lower Upper

117 100

119 96.0 76.8 115.2

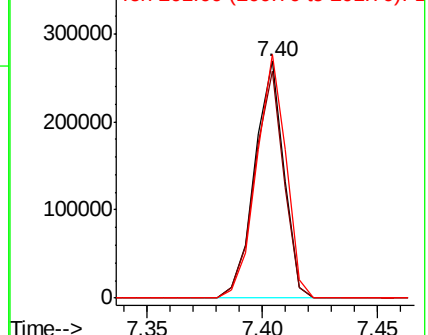
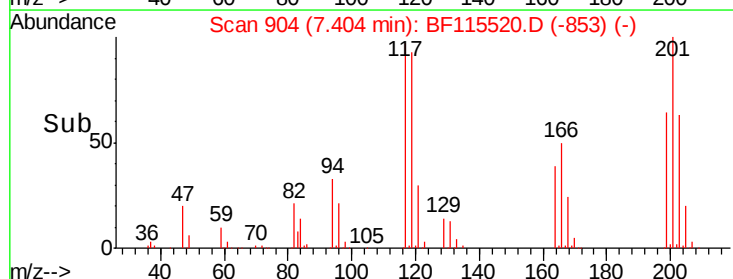
201 102.8 82.2 123.4

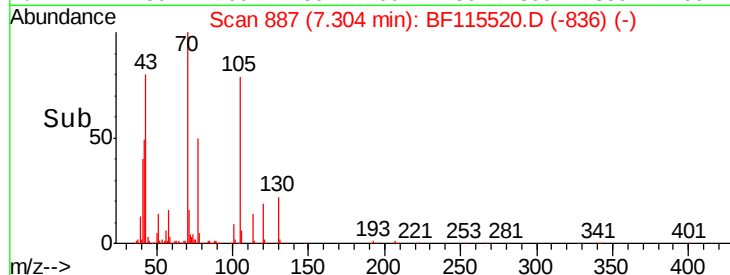
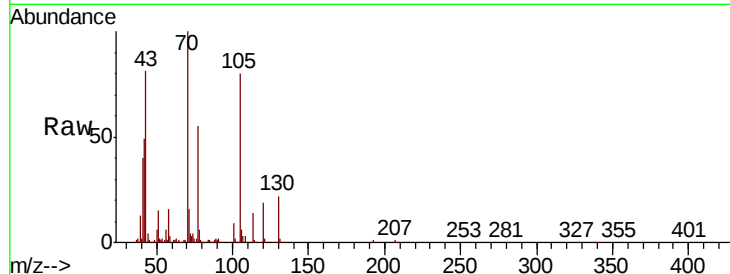
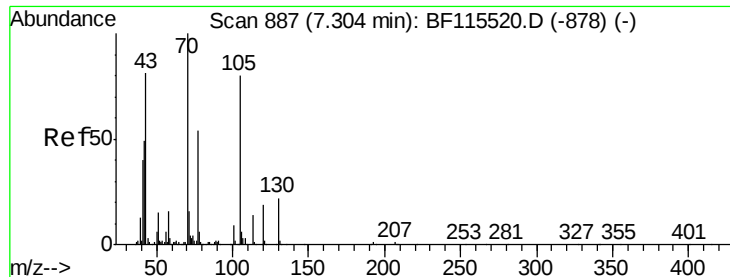


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

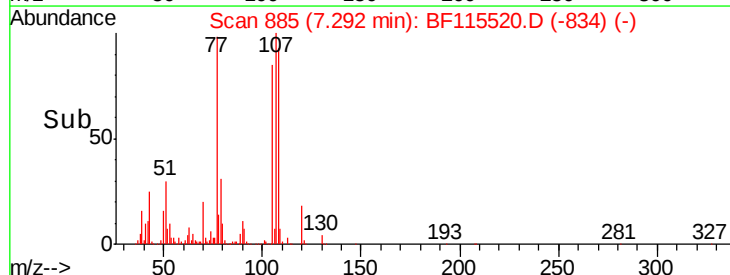
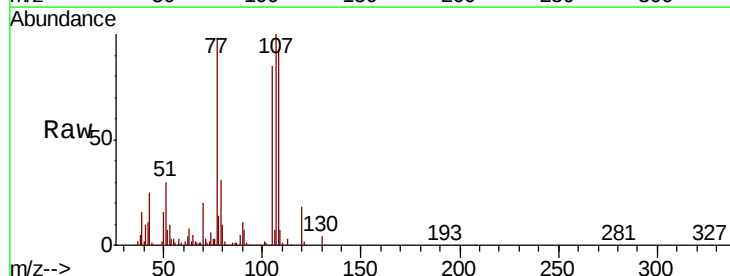
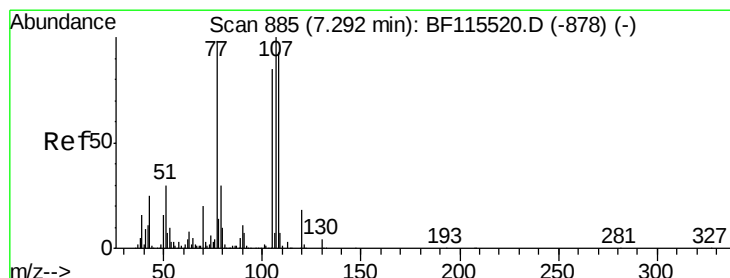
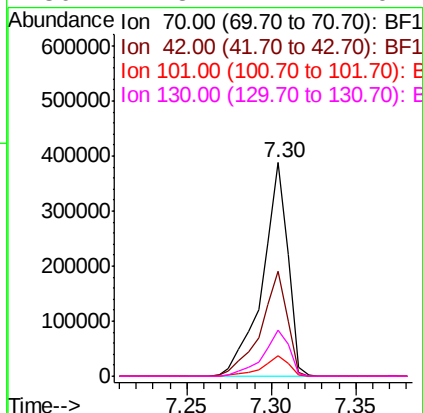




#19
n-Nitroso-di-n-propylamine
Concen: 34.772 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

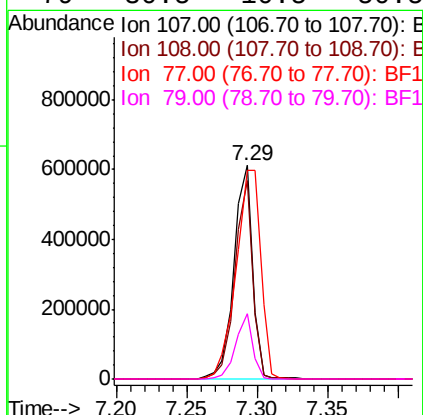
Instrument :
BNA_F
ClientSampleId :

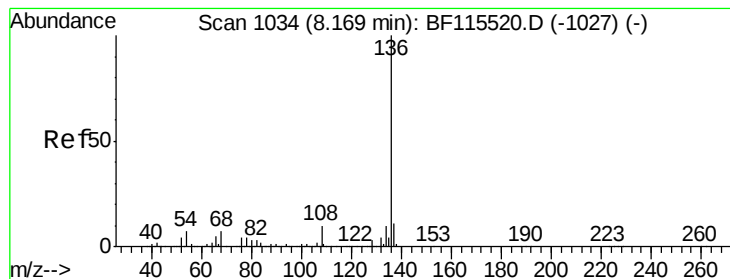
Tot Ion:	70	Resp:	401258
Ion	Ratio	Lower	Upper
70	100		
42	49.2	39.4	59.0
101	9.3	7.4	11.2
130	21.8	17.4	26.2



#20
3+4-Methylphenols
Concen: 36.988 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:	107	Resp:	566846
Ion	Ratio	Lower	Upper
107	100		
108	92.9	72.9	112.9
77	97.6	77.6	117.6
79	30.5	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 835862

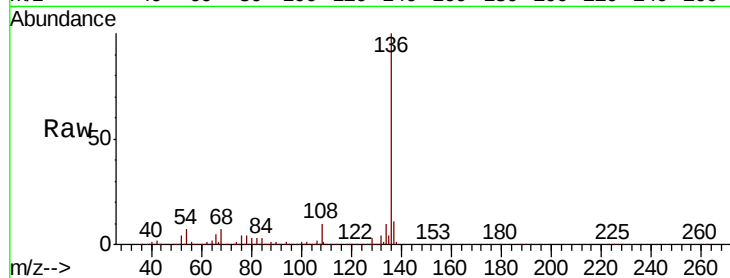
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.4 5.9 8.9

68 6.7 5.4 8.0

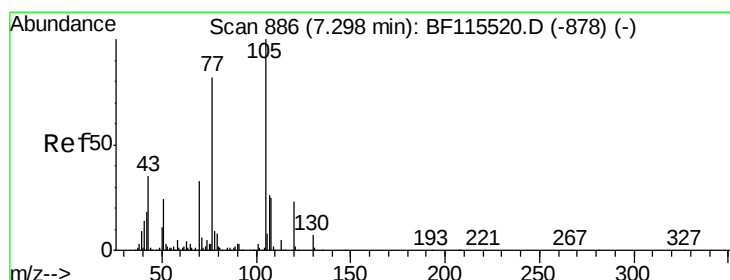
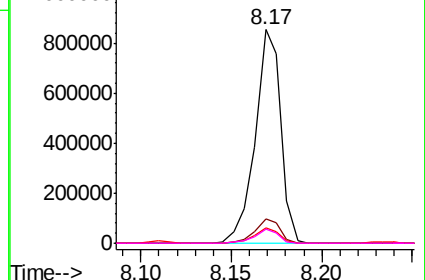
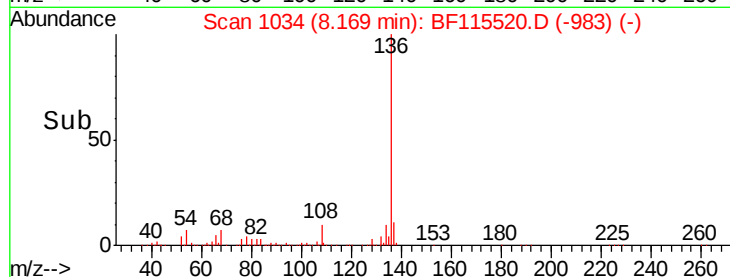


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.155 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Tgt Ion:105 Resp: 744176

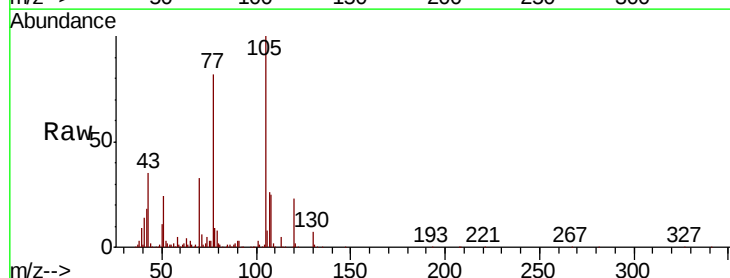
Ion Ratio Lower Upper

105 100

71 5.6 4.5 6.7

51 24.4 19.5 29.3

120 22.6 18.1 27.1

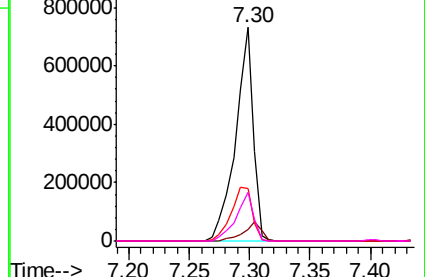
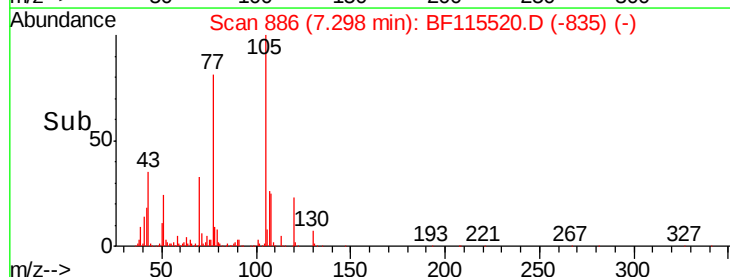


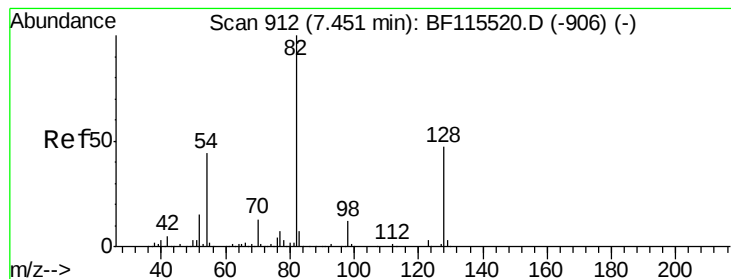
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.178 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

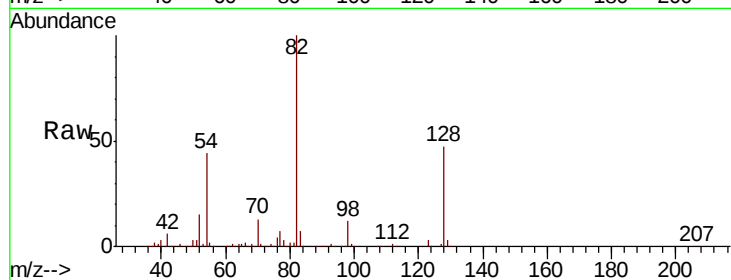
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1134297

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.8	56.8
54	43.8	35.0	52.6

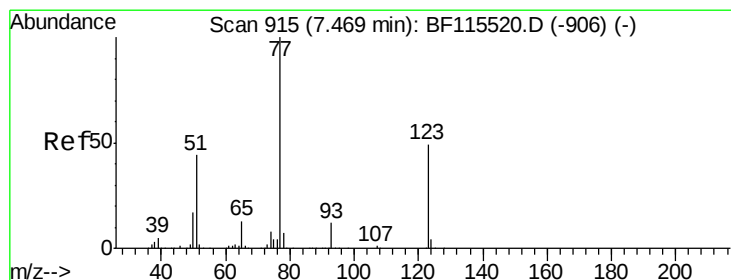
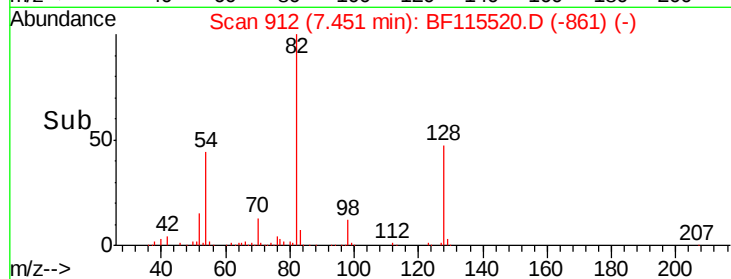
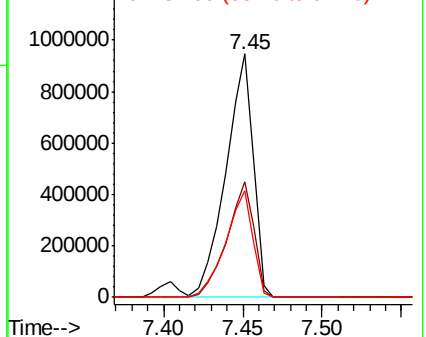


Abundance

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: 38.024 ng

RT: 7.47 min Scan# 915

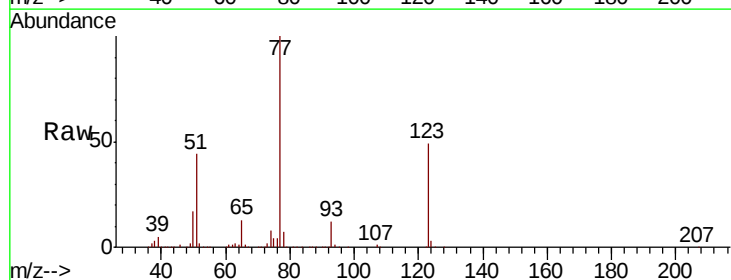
Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Tgt Ion: 77 Resp: 607511

Ion	Ratio	Lower	Upper
77	100		
123	49.0	39.2	58.8
65	13.0	10.4	15.6

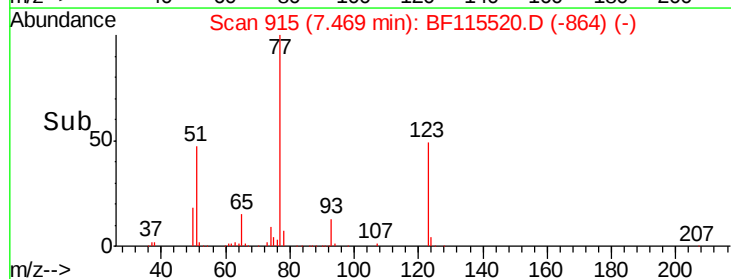
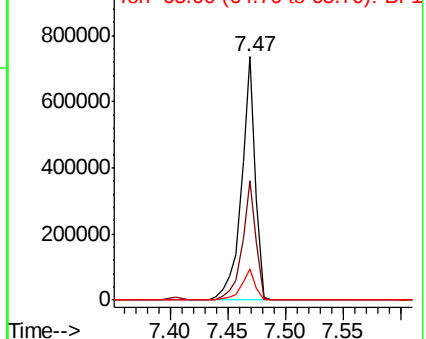


Abundance

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

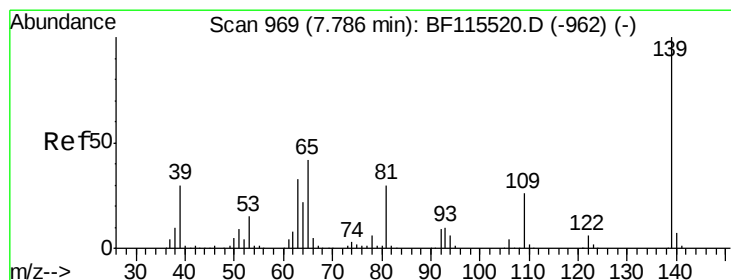
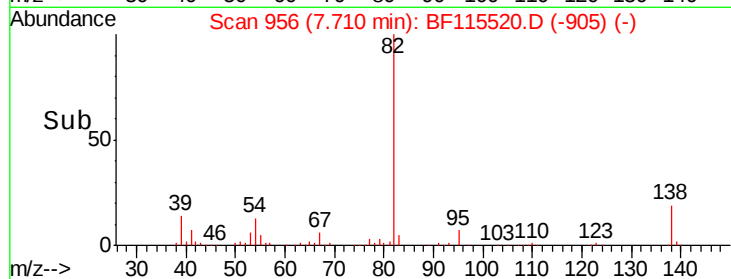
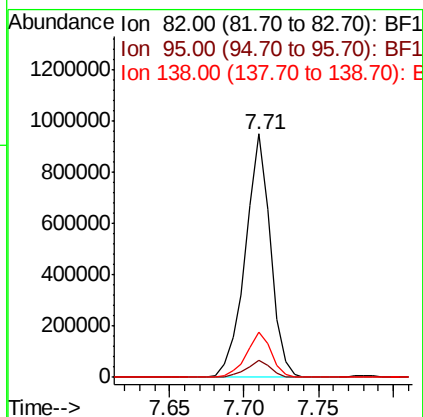
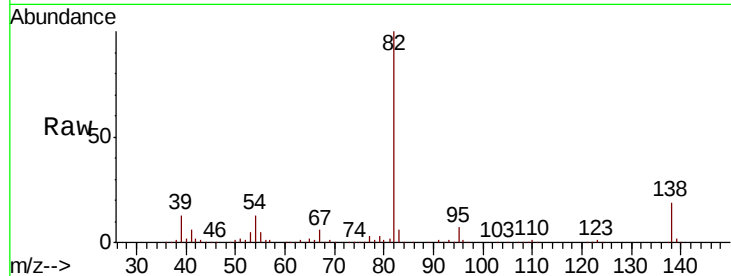




#25
Isophorone
Concen: 36.023 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

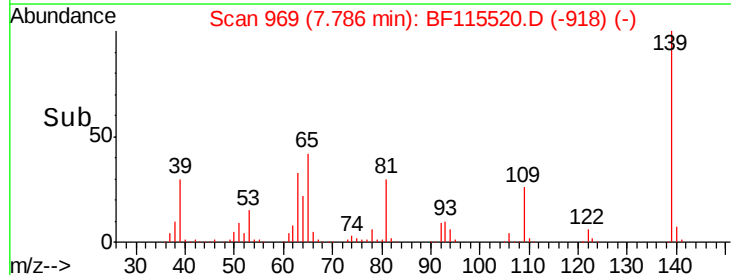
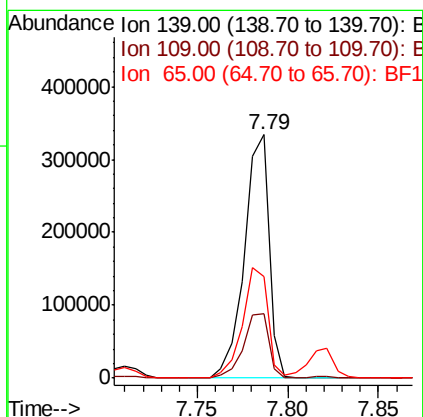
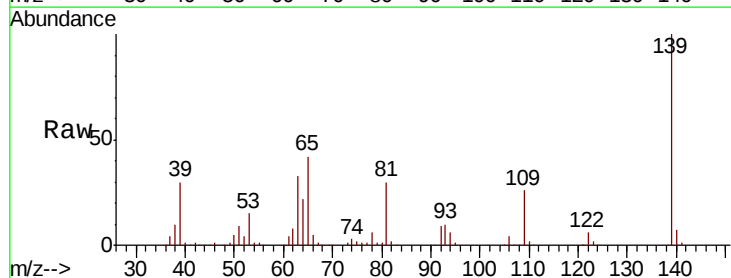
Instrument :
BNA_F
ClientSampleId :

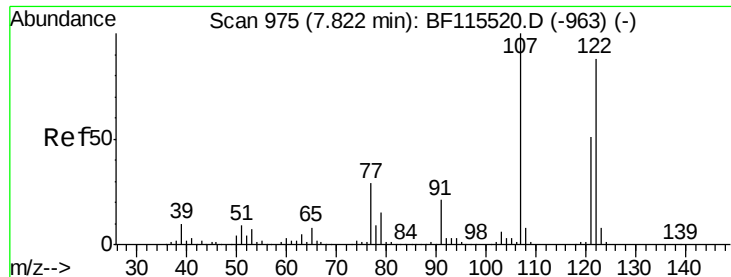
Tot Ion: 82 Resp: 1104625
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.7 15.0 22.4



#26
2-Nitrophenol
Concen: 48.160 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion: 139 Resp: 316343
Ion Ratio Lower Upper
139 100
109 26.2 21.0 31.4
65 41.6 33.3 49.9

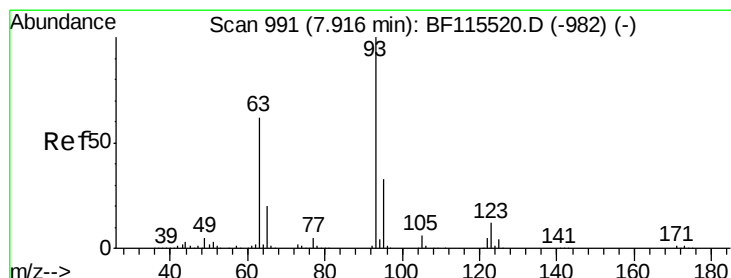
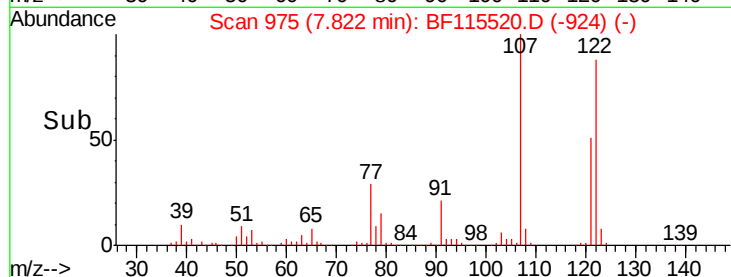
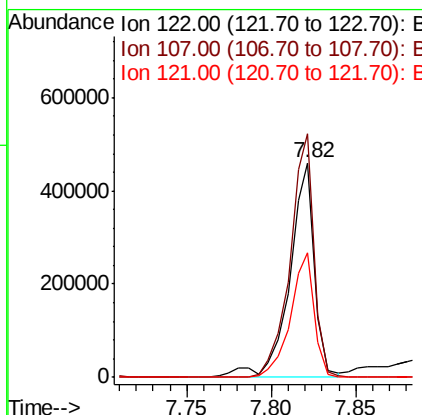
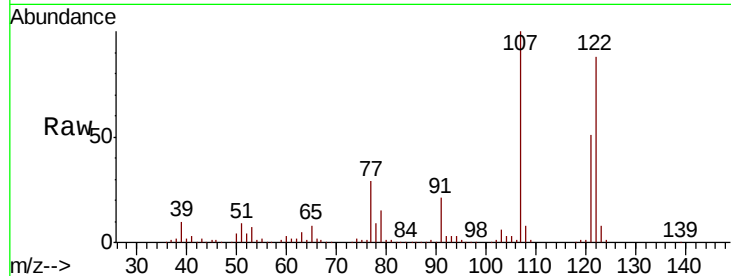




#27
 2,4-Dimethylphenol
 Concen: 37.902 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

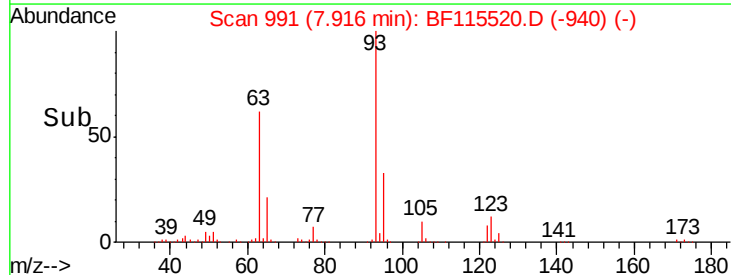
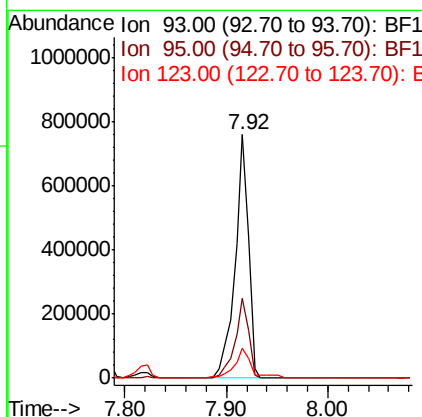
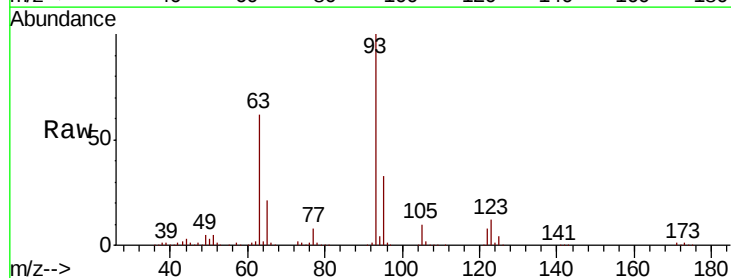
Instrument :
 BNA_F
 ClientSampleId :

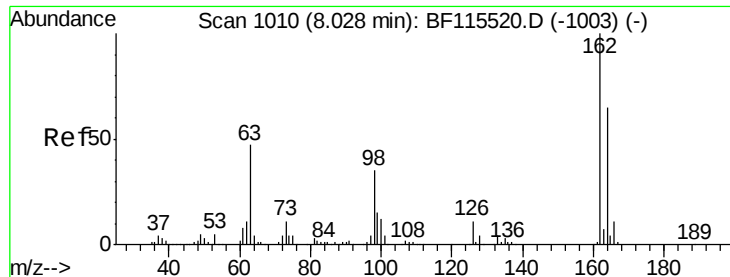
Tot Ion:122 Resp: 474732
 Ion Ratio Lower Upper
 122 100
 107 113.6 90.9 136.3
 121 58.4 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.908 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Tgt Ion: 93 Resp: 697884
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.4 39.6
 123 12.1 9.7 14.5

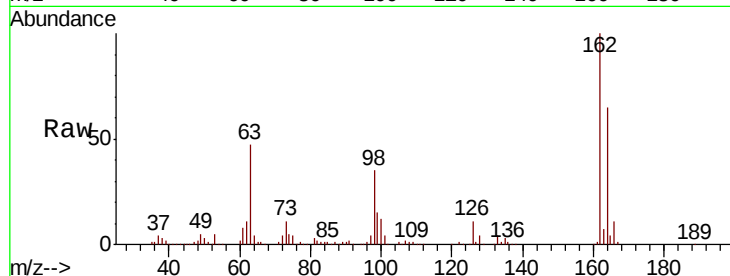




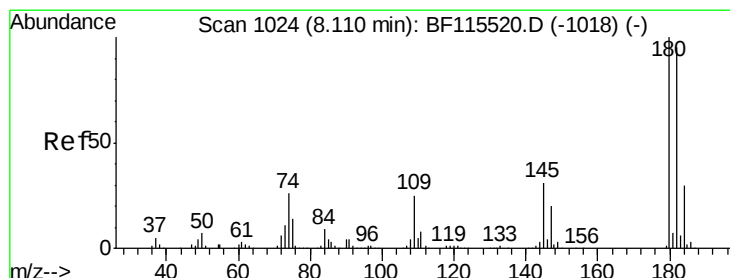
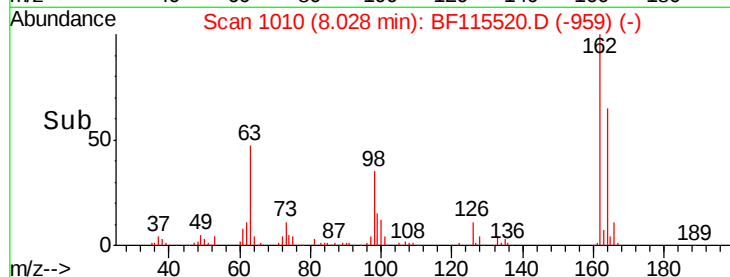
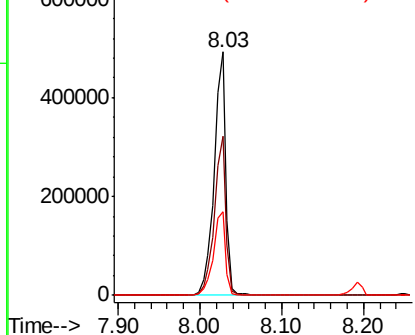
#29
 2,4-Dichlorophenol
 Concen: 39.366 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.4	85.4
98	34.5	14.5	54.5

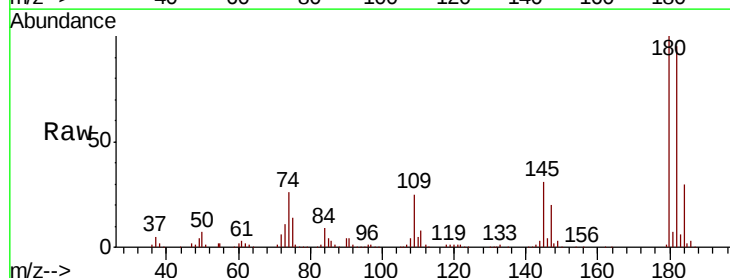


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

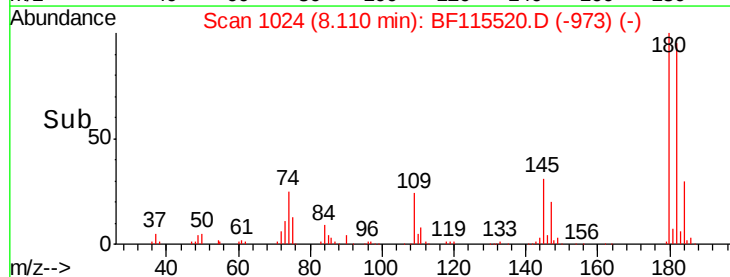
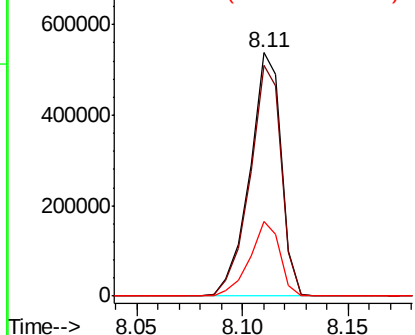


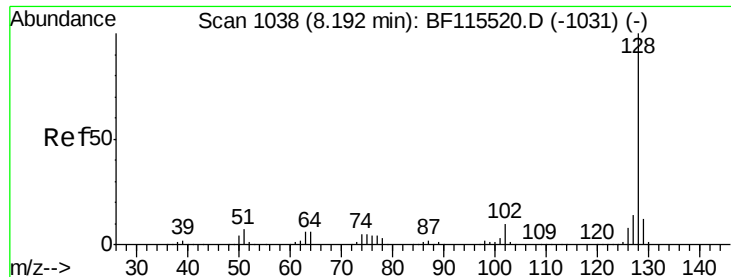
#30
 1,2,4-Trichlorobenzene
 Concen: 40.173 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	30.9	24.7	37.1



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

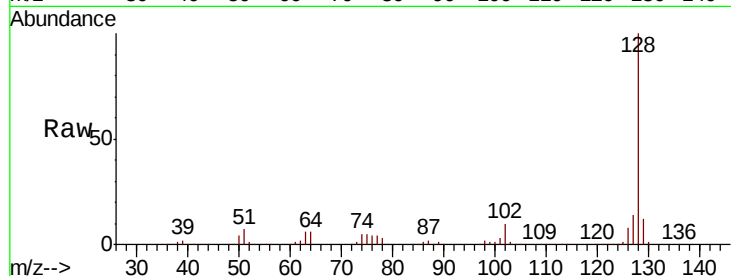




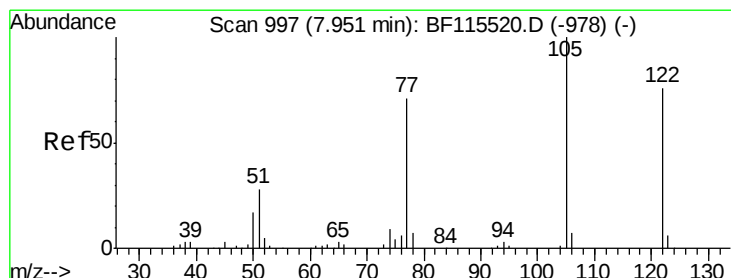
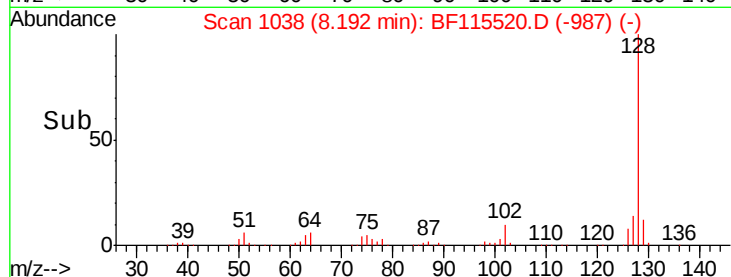
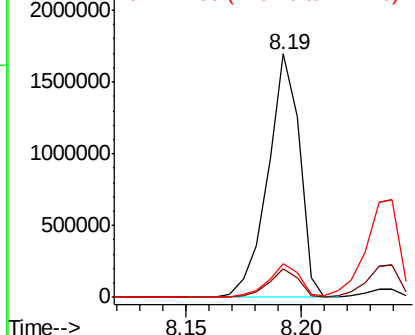
#31
Naphthalene
Concen: 38.981 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1618407
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 14.0 11.2 16.8

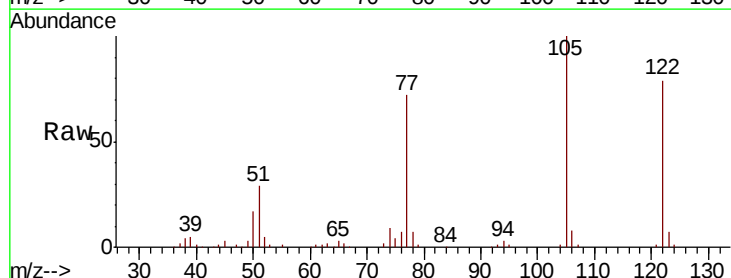


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

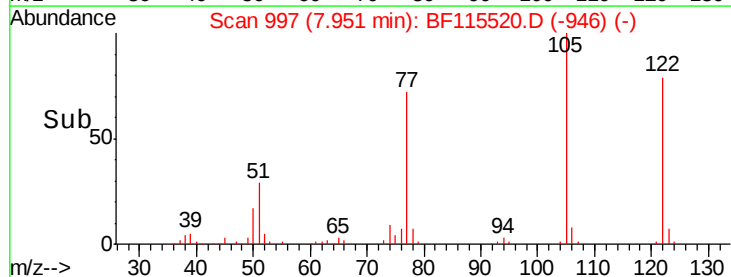
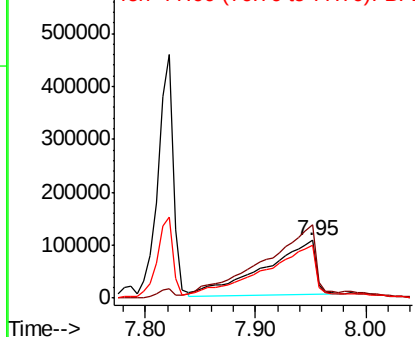


#32
Benzoic acid
Concen: 38.266 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:122 Resp: 327494
Ion Ratio Lower Upper
122 100
105 126.8 106.8 146.8
77 91.7 71.7 111.7



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

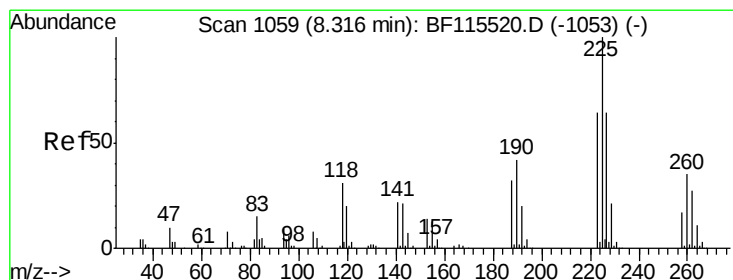
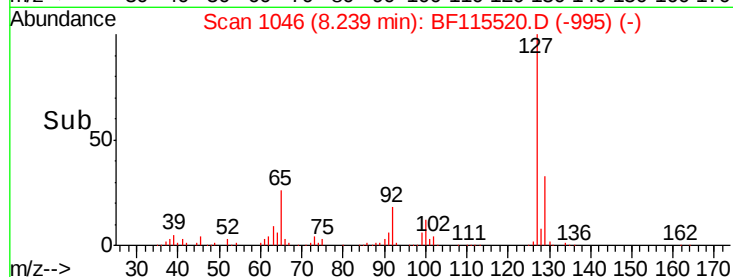
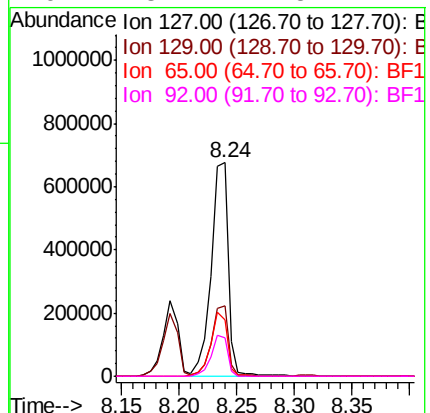
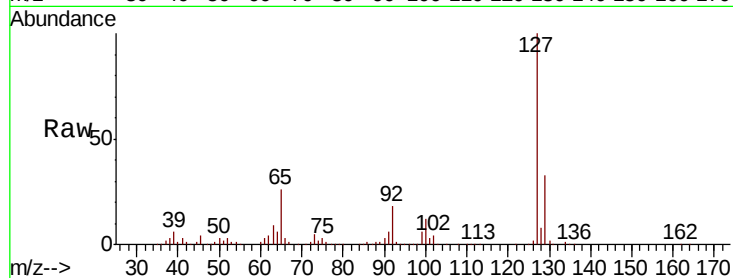




#33
4-Chloroaniline
Concen: 37.665 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

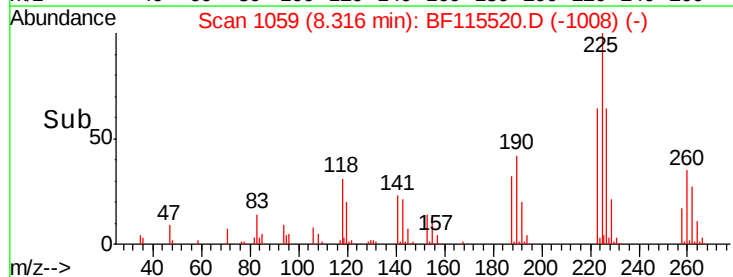
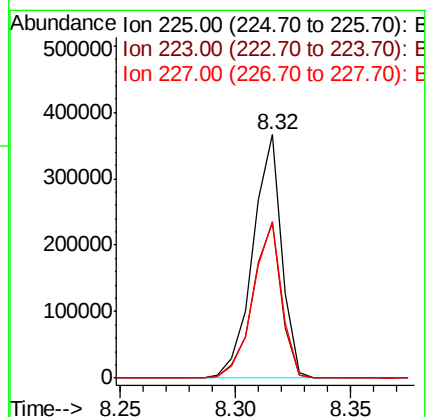
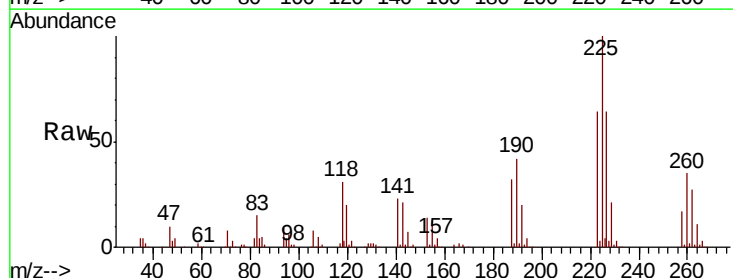
Instrument :
BNA_F
ClientSampled :

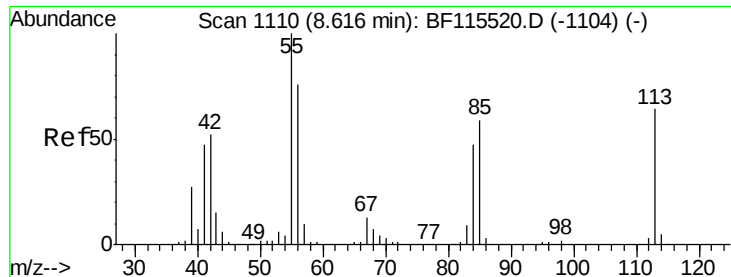
Tot Ion:	127	Resp:	697707
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	26.5	21.2	31.8
92	18.1	14.5	21.7



#34
Hexachlorobutadiene
Concen: 40.616 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:	225	Resp:	319896
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.9	76.3
227	64.1	51.3	76.9

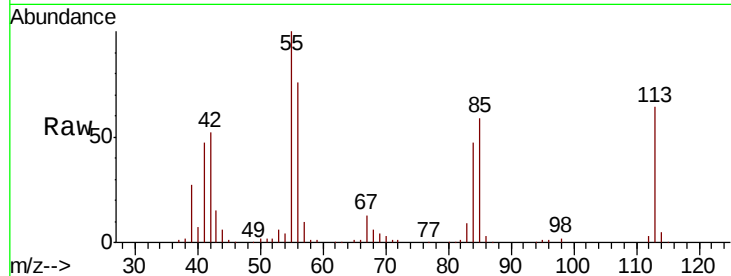




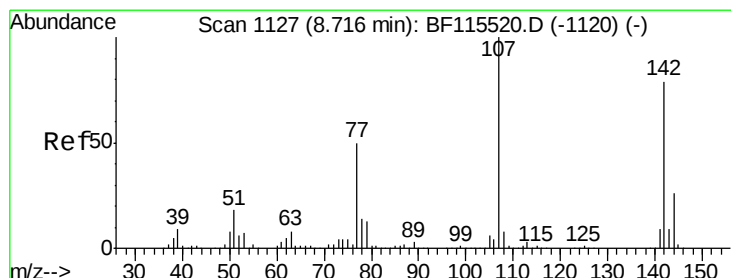
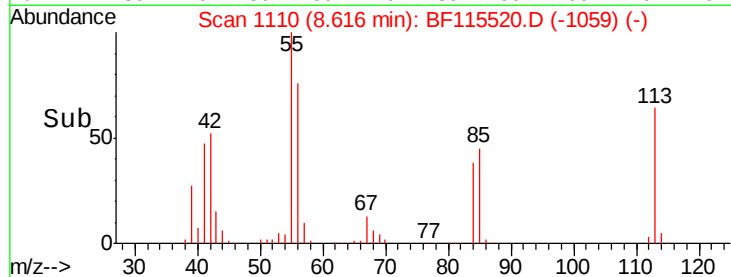
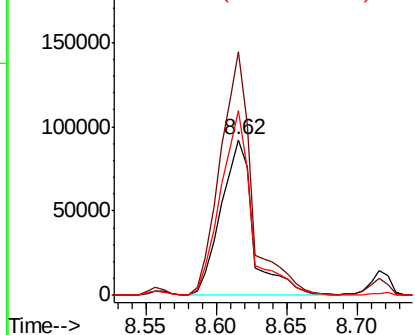
#35
Caprolactam
Concen: 36.309 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 147529
Ion Ratio Lower Upper
113 100
55 156.8 136.8 176.8
56 118.7 98.7 138.7

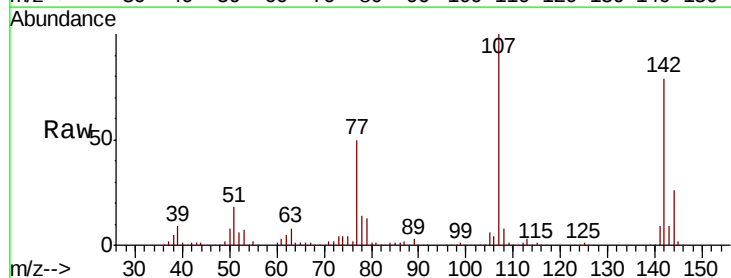


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

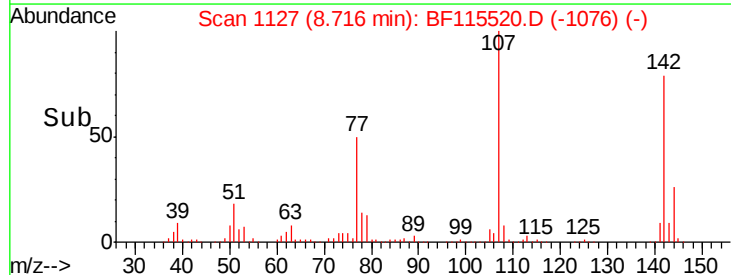
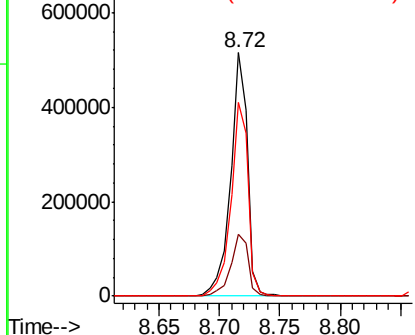


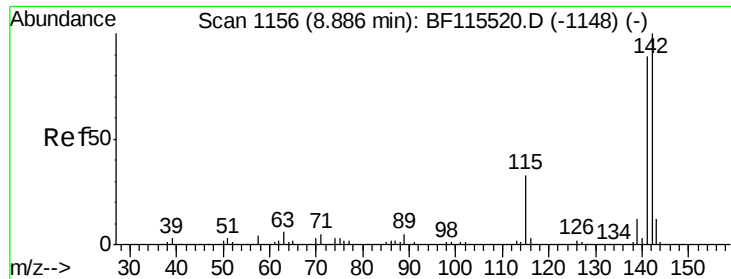
#36
4-Chloro-3-methylphenol
Concen: 37.875 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:107 Resp: 499790
Ion Ratio Lower Upper
107 100
144 25.5 20.4 30.6
142 79.4 63.5 95.3



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

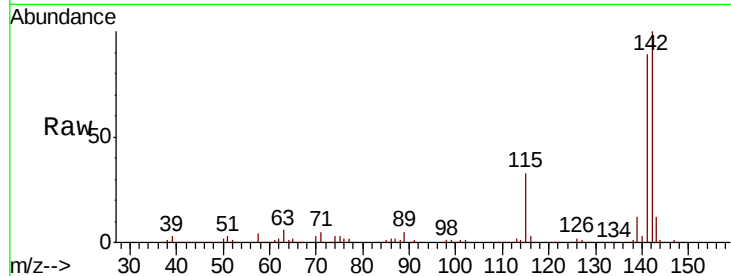




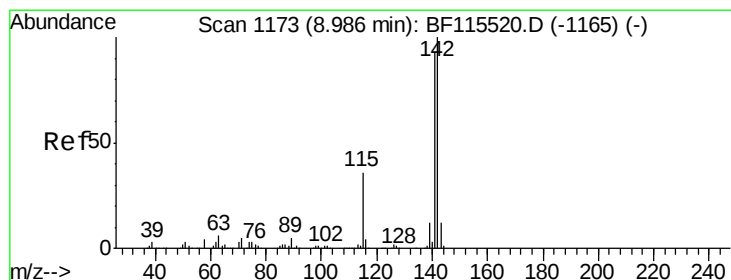
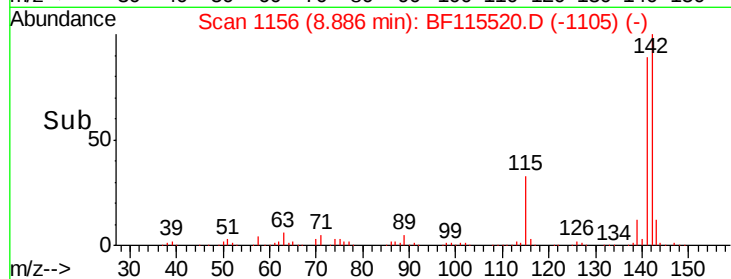
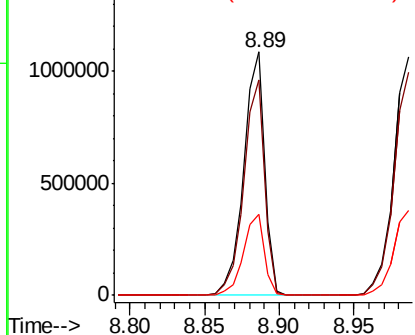
#37
2-Methylnaphthalene
Concen: 37.920 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1052311
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.4
115 33.2 26.6 39.8

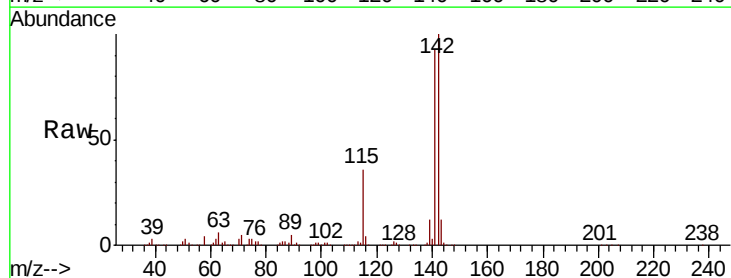


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

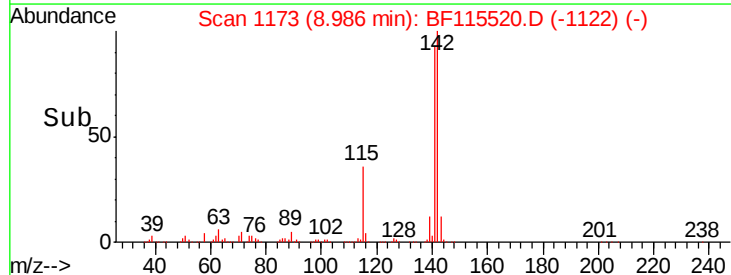
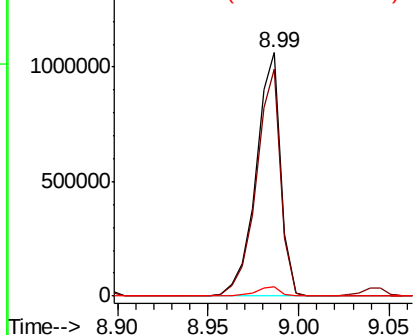


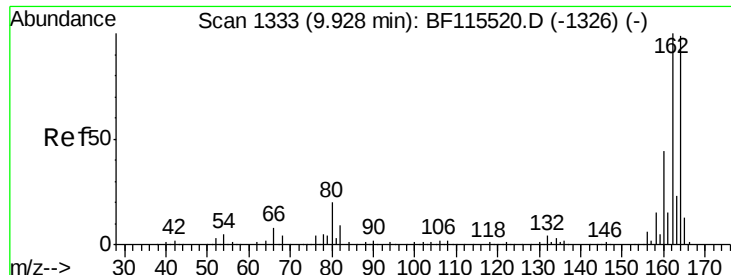
#38
1-Methylnaphthalene
Concen: 37.700 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:142 Resp: 998199
Ion Ratio Lower Upper
142 100
141 93.3 74.6 112.0
116 3.6 2.9 4.3



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

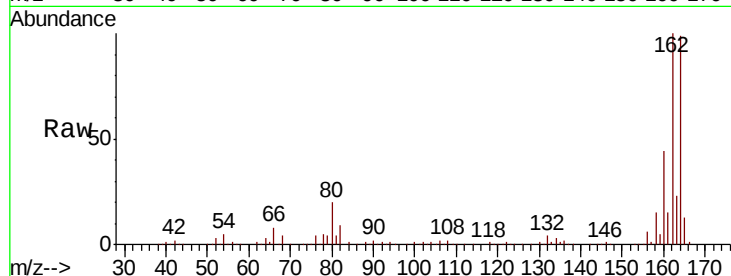




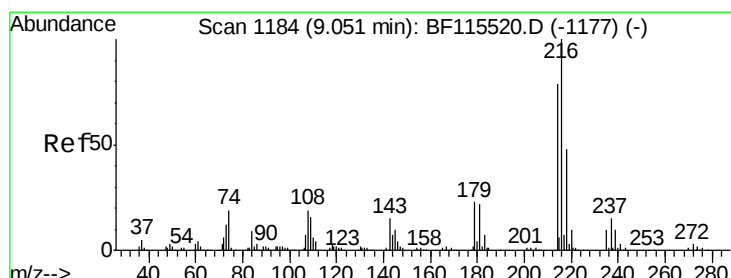
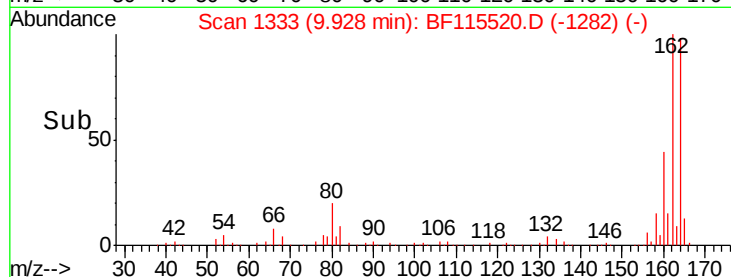
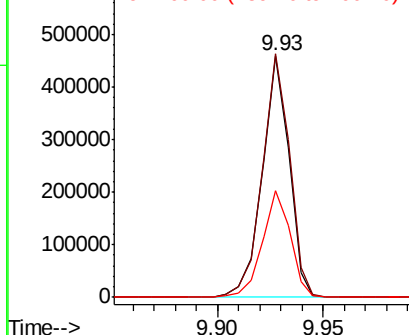
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 408410
Ion Ratio Lower Upper
164 100
162 100.9 80.7 121.1
160 44.3 35.4 53.2

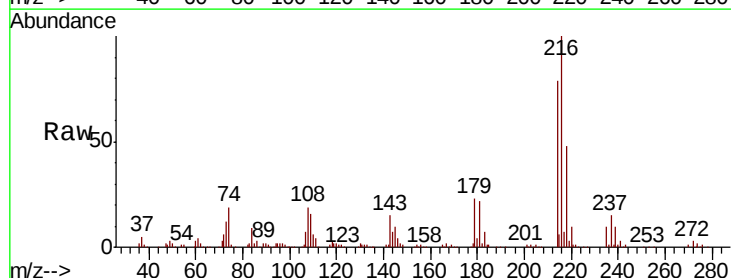


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

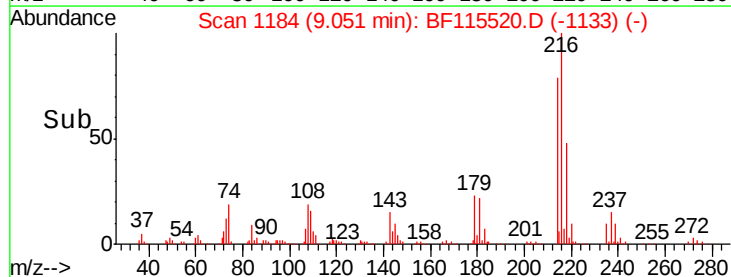
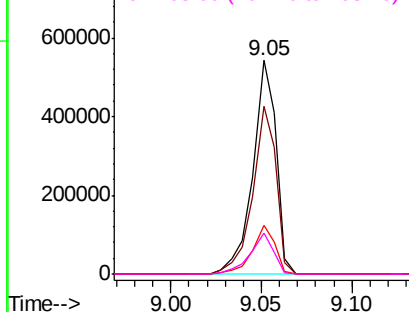


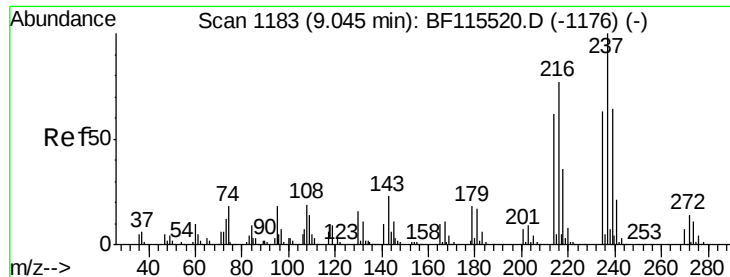
#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.295 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:216 Resp: 485190
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.6
179 21.9 17.5 26.3
108 19.3 15.4 23.2



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: 41.583 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :

BNA_F

ClientSampleId :

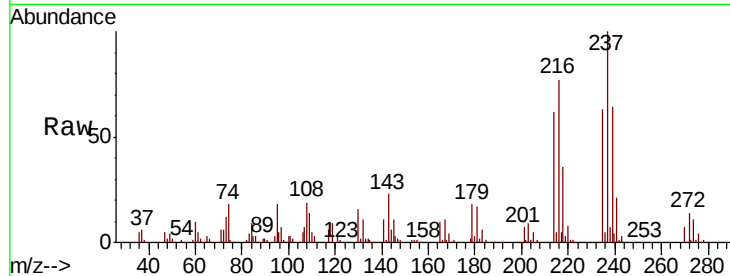
Tot Ion:237 Resp: 283177

Ion Ratio Lower Upper

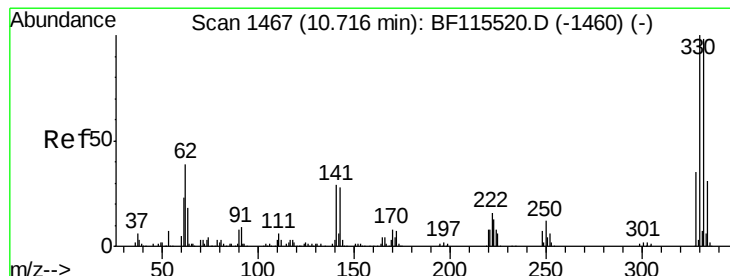
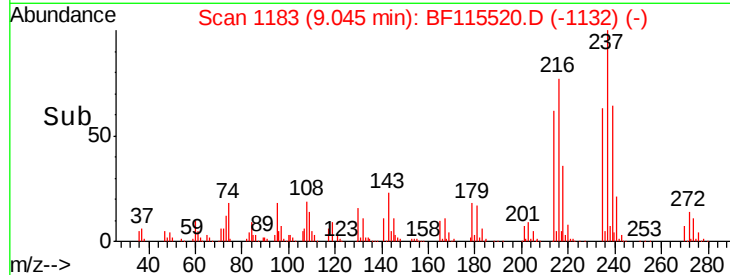
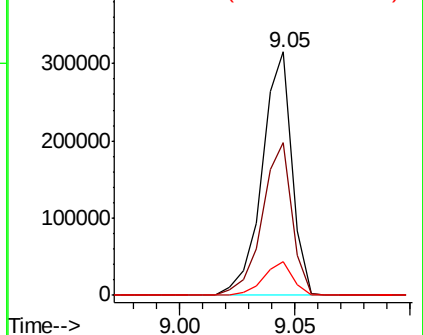
237 100

235 62.9 42.9 82.9

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: 81.063 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

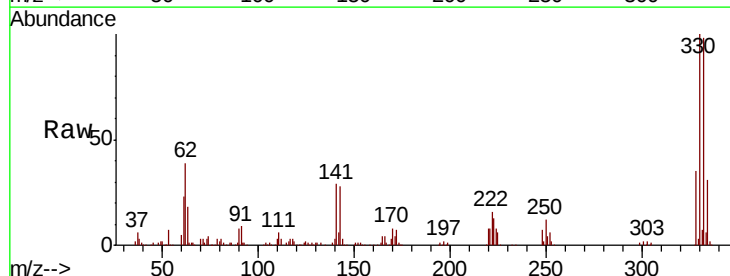
Tgt Ion:330 Resp: 366054

Ion Ratio Lower Upper

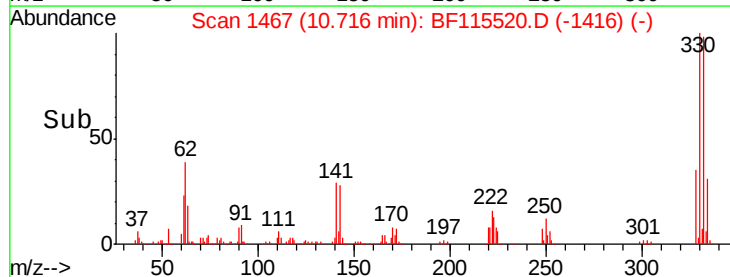
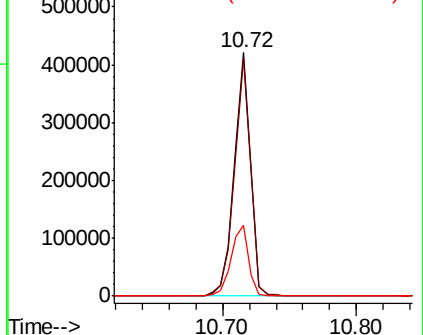
330 100

332 97.3 77.8 116.8

141 30.8 24.6 37.0



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

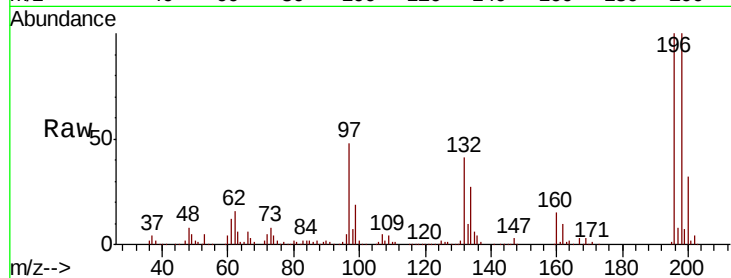




#43
 2,4,6-Trichlorophenol
 Concen: 41.080 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	351390
Ion Ratio	Lower	Upper	
196	100		
198	100.4	80.3	120.5
200	32.5	26.0	39.0

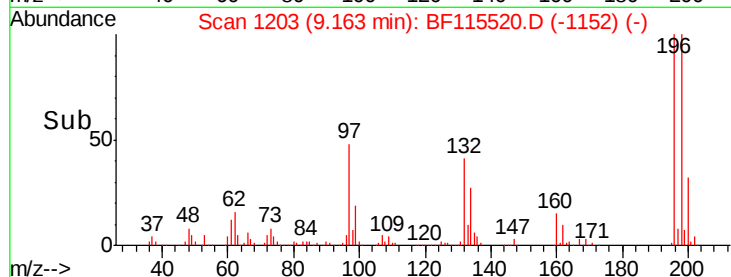
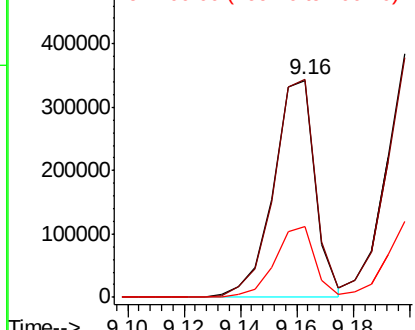


Abundance

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: 41.128 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Tgt Ion	196	Resp	364795
Ion Ratio	Lower	Upper	
196	100		
198	98.5	78.8	118.2
97	49.7	39.8	59.6
132	28.8	23.0	34.6

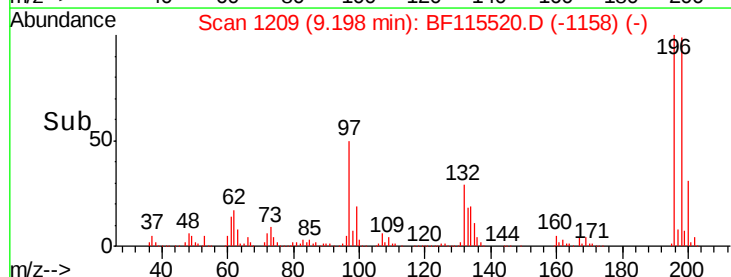
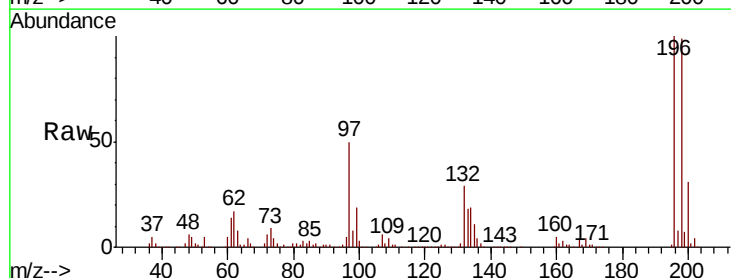
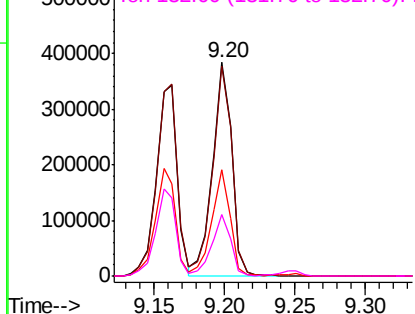
Abundance

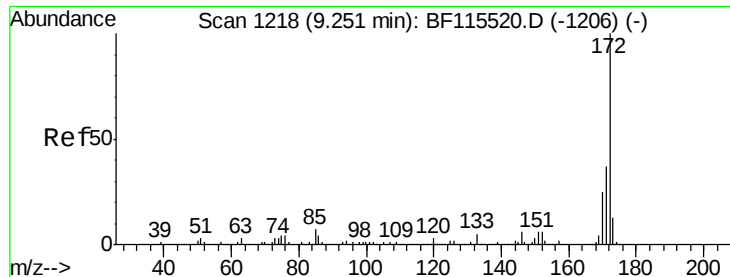
Ion 196.00 (195.70 to 196.70): E

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

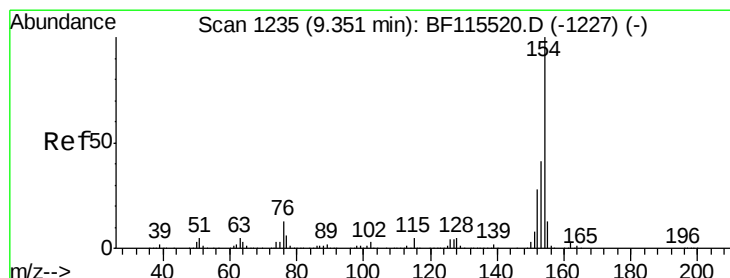
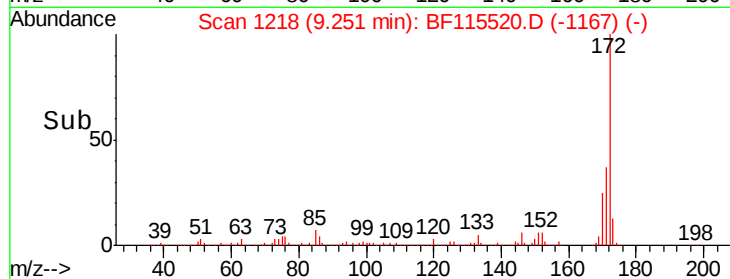
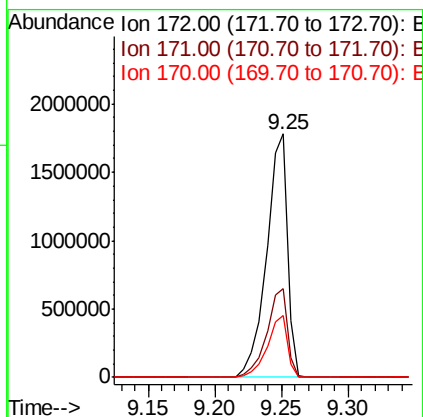
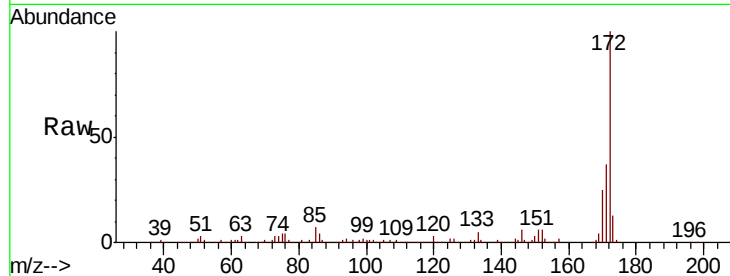




#45
2-Fluorobiphenyl
Concen: 82.892 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

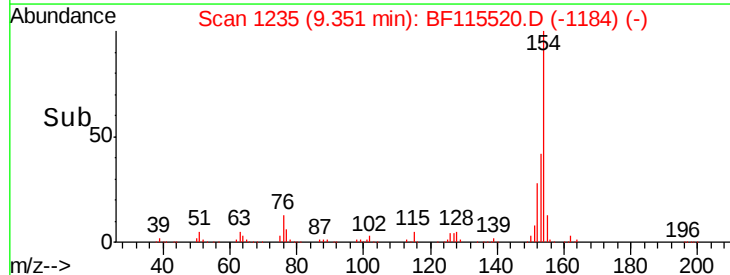
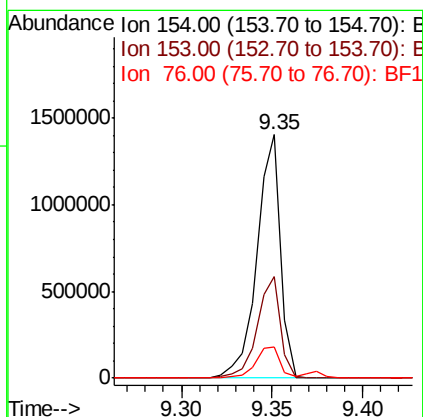
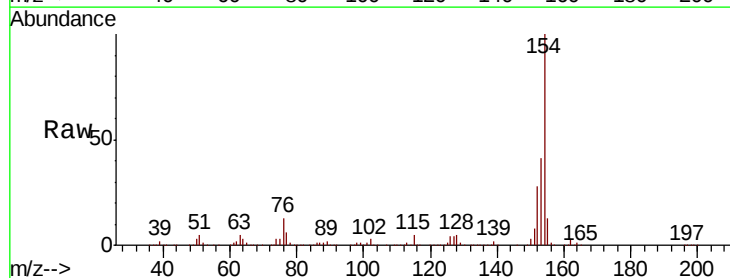
Instrument :
BNA_F
ClientSampleId :

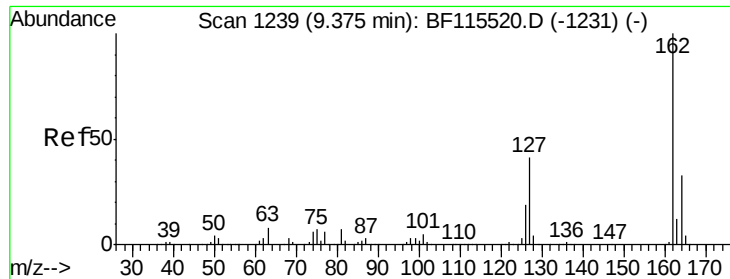
Tot Ion:172 Resp: 1929283
Ion Ratio Lower Upper
172 100
171 36.6 29.3 43.9
170 25.3 20.2 30.4



#46
1,1'-Biphenyl
Concen: 39.172 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:154 Resp: 1257693
Ion Ratio Lower Upper
154 100
153 41.5 21.5 61.5
76 12.9 0.0 32.9

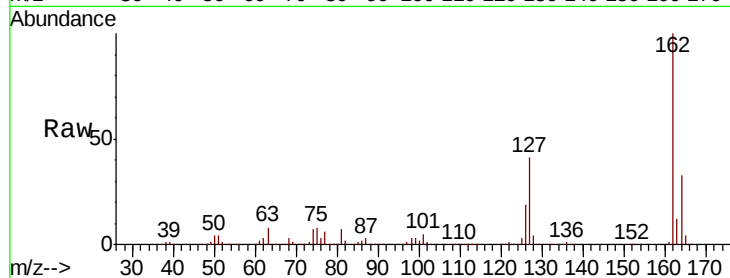




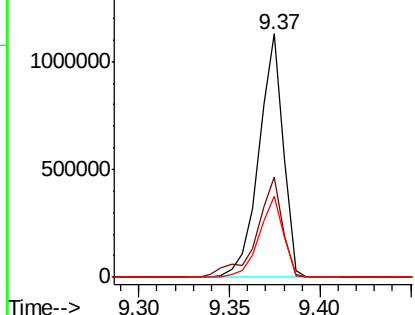
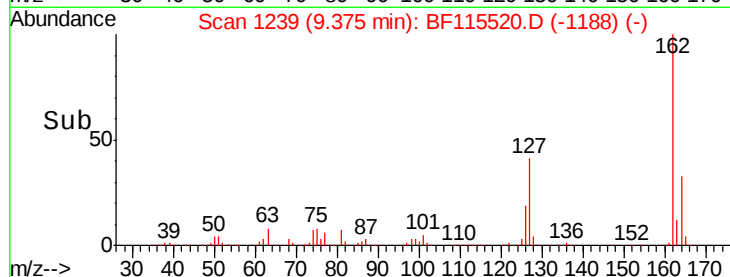
#47
2-Chloronaphthalene
Concen: 39.637 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 1051805
Ion Ratio Lower Upper
162 100
127 41.2 33.0 49.4
164 33.4 26.7 40.1

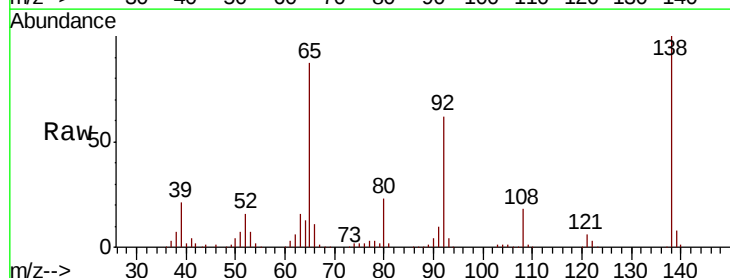


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

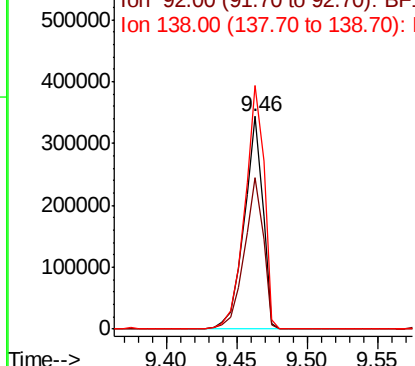
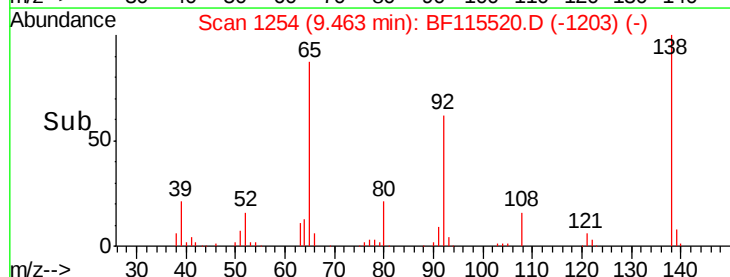


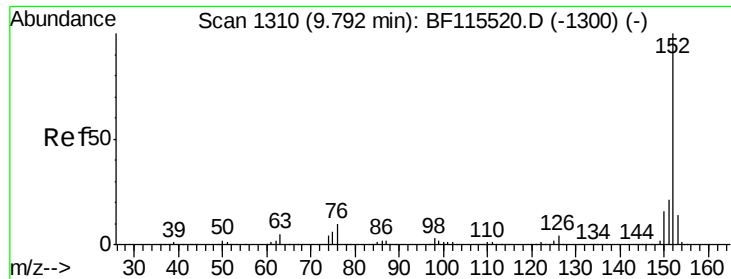
#48
2-Nitroaniline
Concen: 40.645 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion: 65 Resp: 316877
Ion Ratio Lower Upper
65 100
92 71.0 56.8 85.2
138 114.5 91.6 137.4



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





#49

Acenaphthylene

Concen: 38.490 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

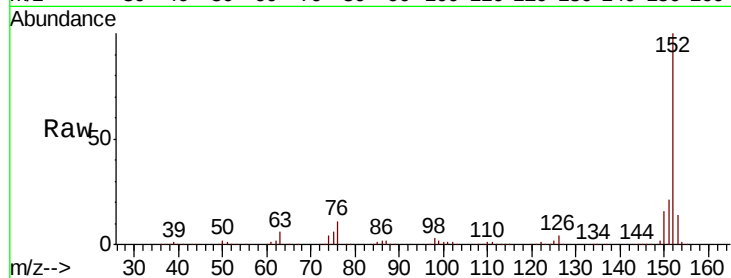
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1546407

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.1	25.7
153	14.2	11.4	17.0

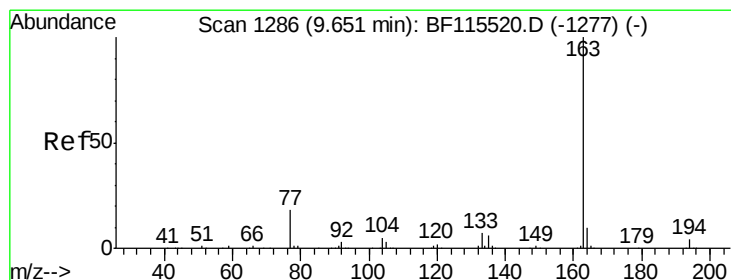
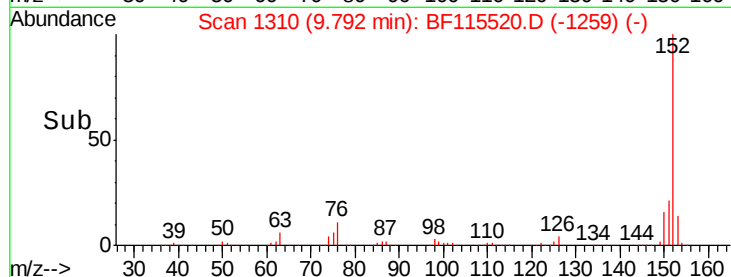
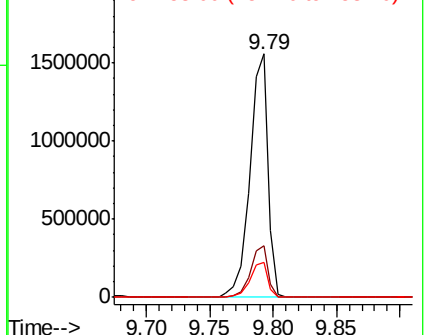


Abundance

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: 38.484 ng

RT: 9.65 min Scan# 1286

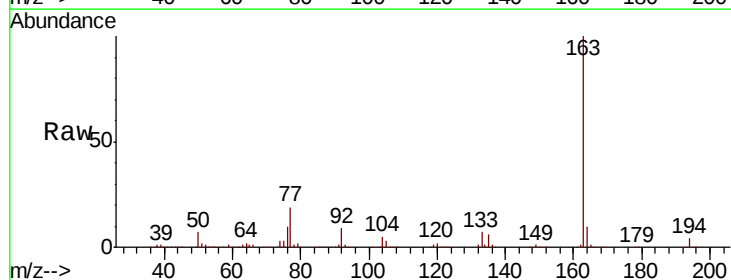
Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Tgt Ion:163 Resp: 1179691

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.5	8.4	12.6

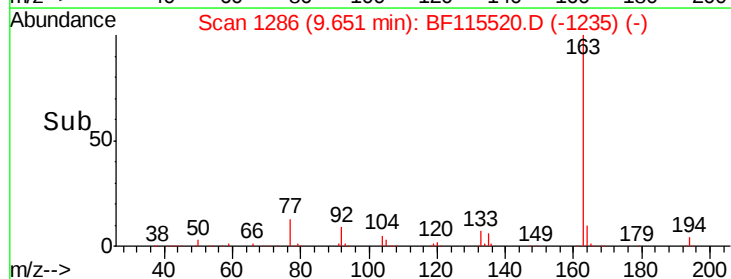
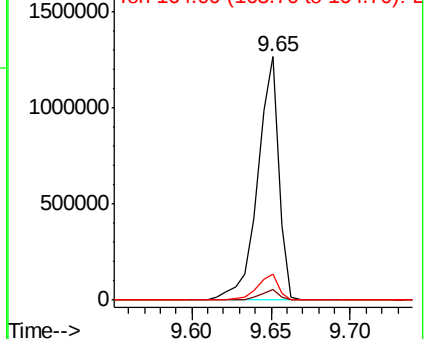


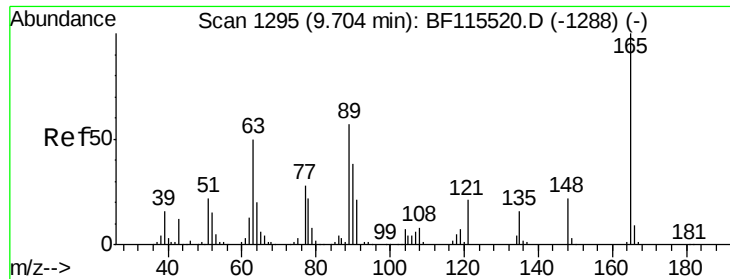
Abundance

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: 41.072 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :
BNA_F
ClientSampled :

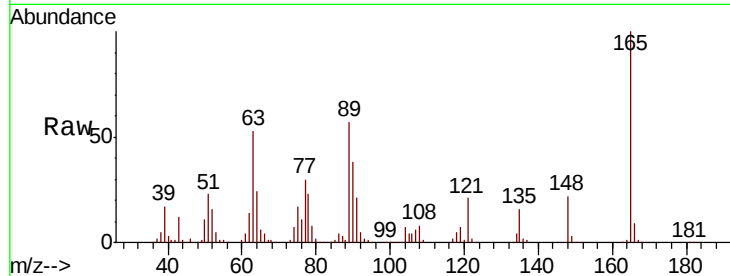
Tot Ion:165 Resp: 273053

Ion Ratio Lower Upper

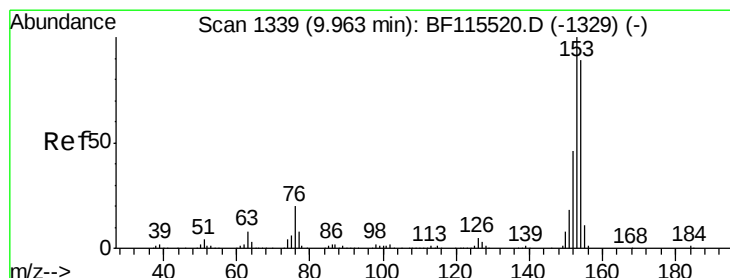
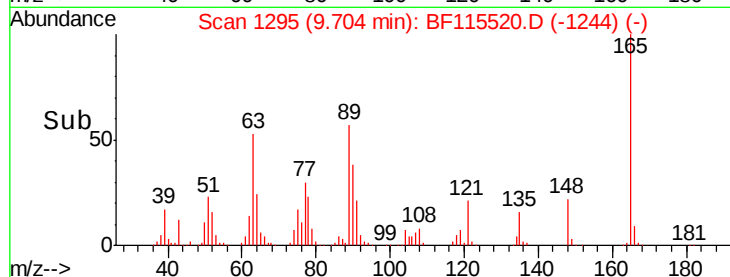
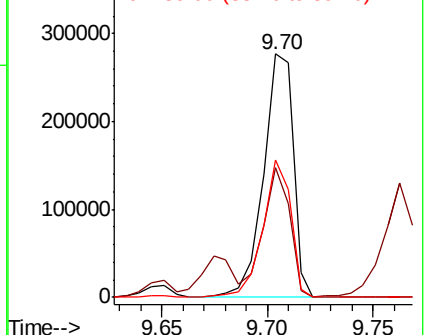
165 100

63 53.2 42.6 63.8

89 56.5 45.2 67.8



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: 39.265 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

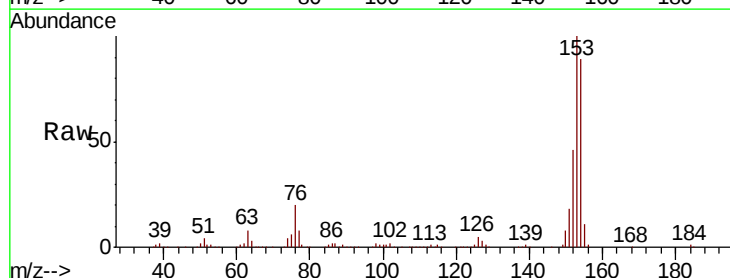
Tgt Ion:154 Resp: 992818

Ion Ratio Lower Upper

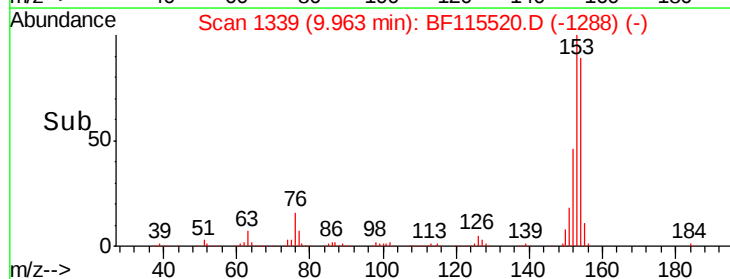
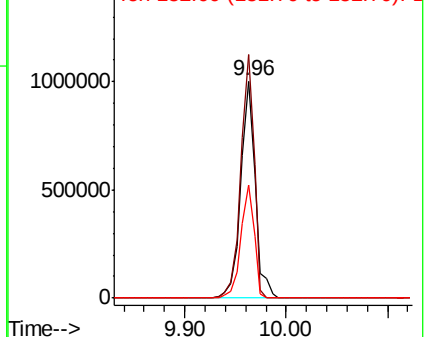
154 100

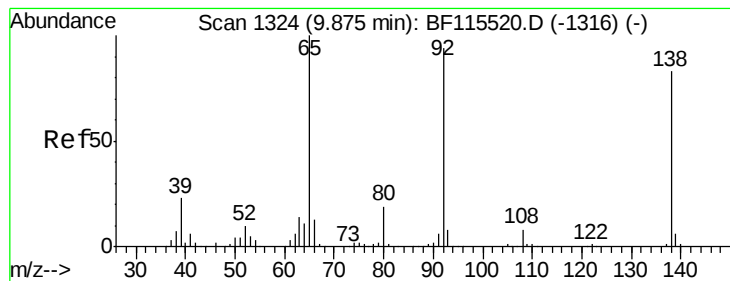
153 112.3 89.8 134.8

152 52.1 41.7 62.5



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: 40.401 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :

BNA_F

ClientSampled :

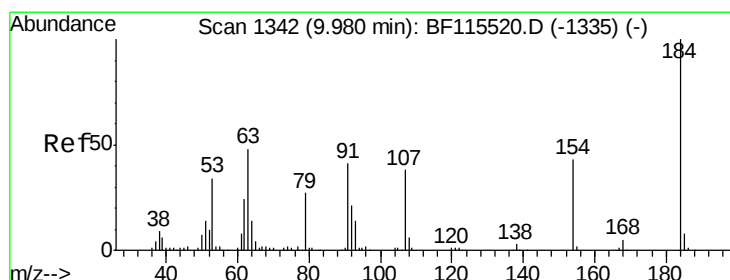
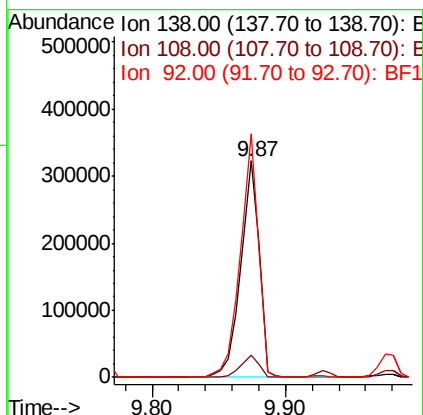
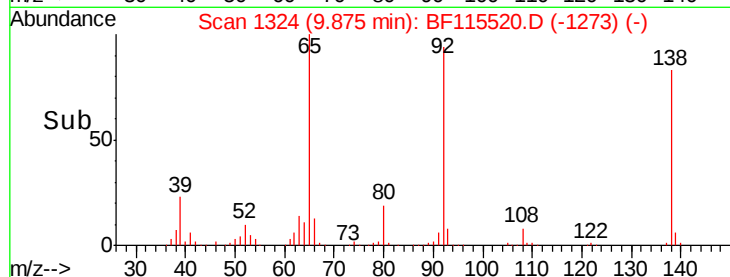
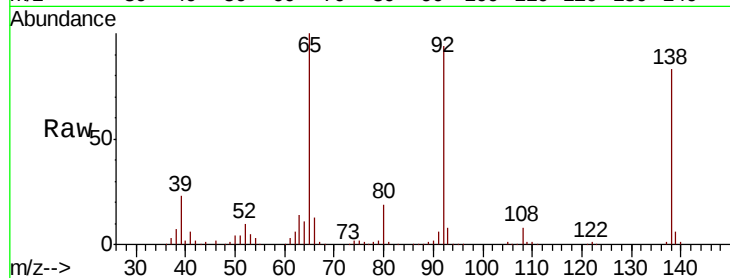
Tot Ion:138 Resp: 311960

Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

92 112.5 90.0 135.0



#54

2,4-Dinitrophenol

Concen: 61.372 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

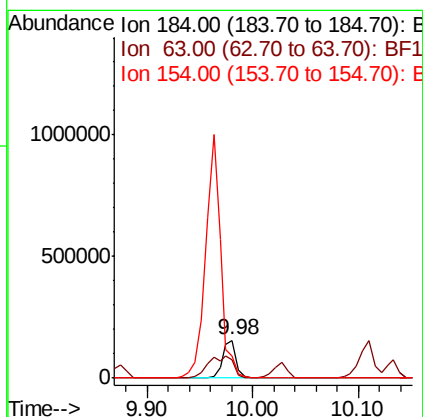
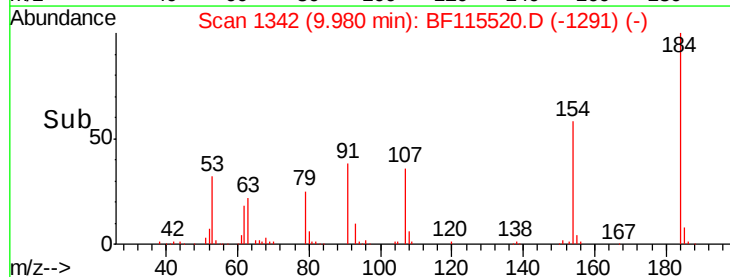
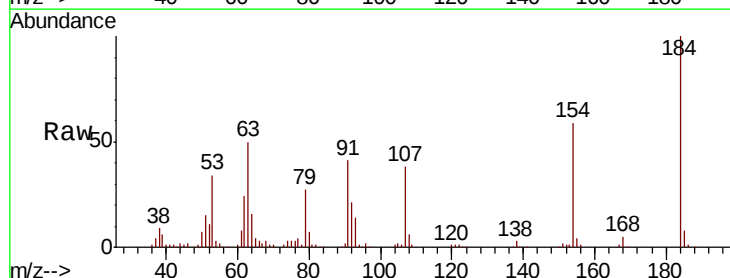
Tgt Ion:184 Resp: 142770

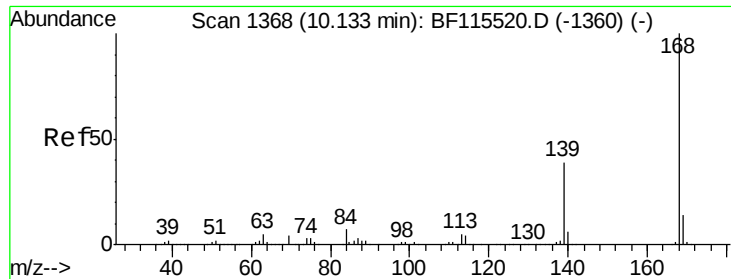
Ion Ratio Lower Upper

184 100

63 49.7 39.8 59.6

154 58.5 46.8 70.2

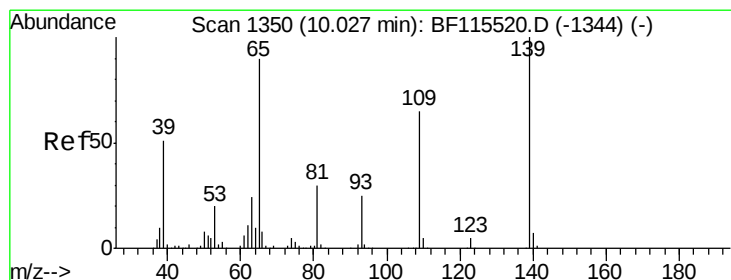
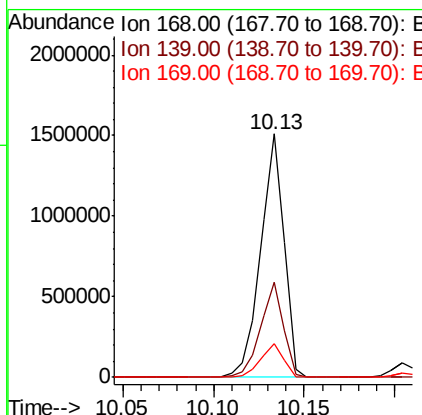
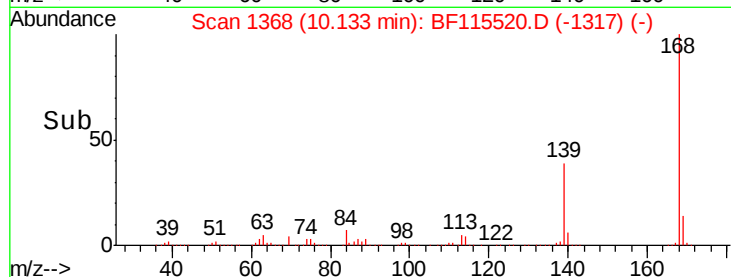
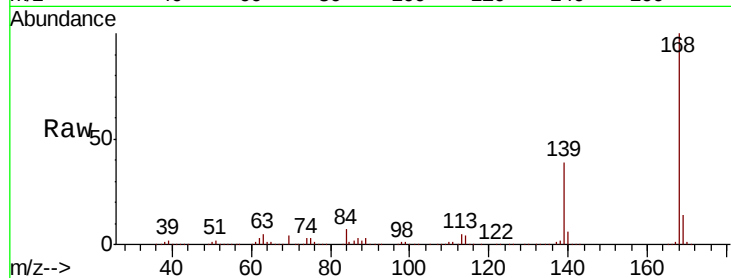




#55
Dibenzenofuran
Concen: 38.259 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

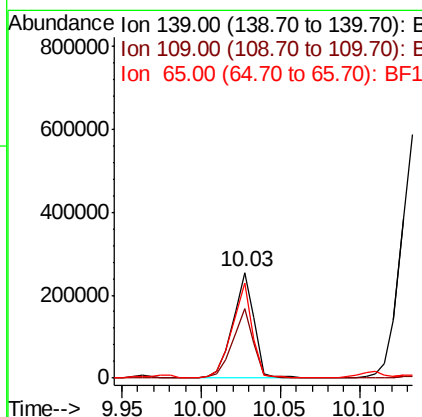
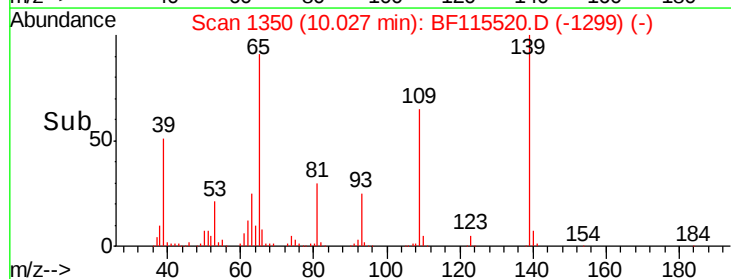
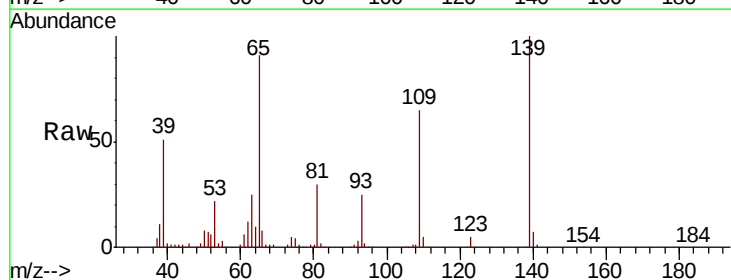
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1362715
Ion Ratio Lower Upper
168 100
139 38.9 31.1 46.7
169 13.9 11.1 16.7



#56
4-Nitrophenol
Concen: 39.855 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:139 Resp: 238095
Ion Ratio Lower Upper
139 100
109 65.5 45.5 85.5
65 90.7 70.7 110.7

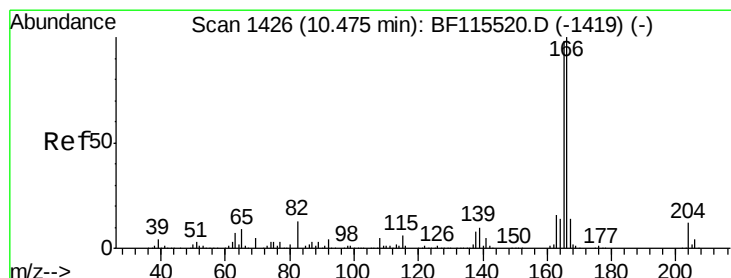
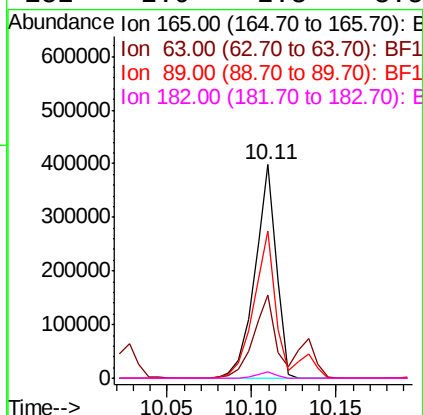
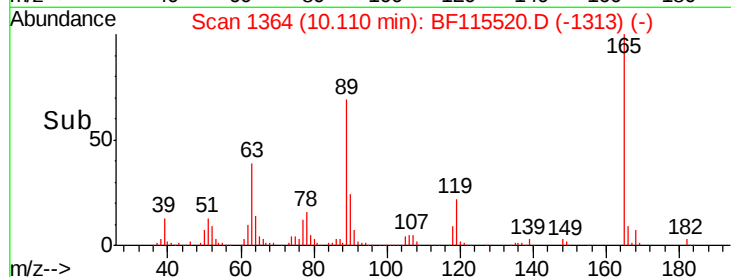
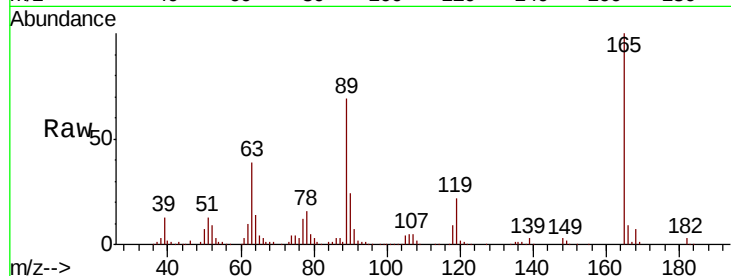




#57
2,4-Dinitrotoluene
Concen: 41.727 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

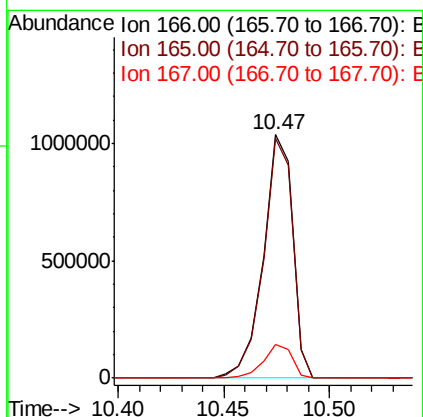
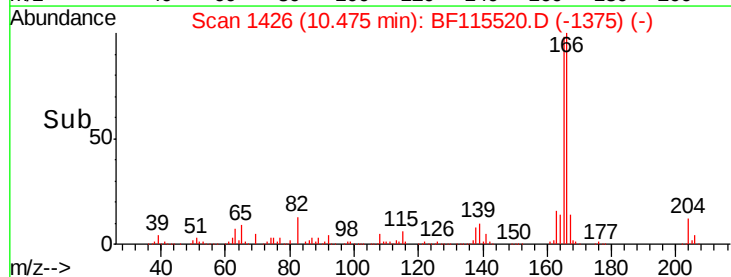
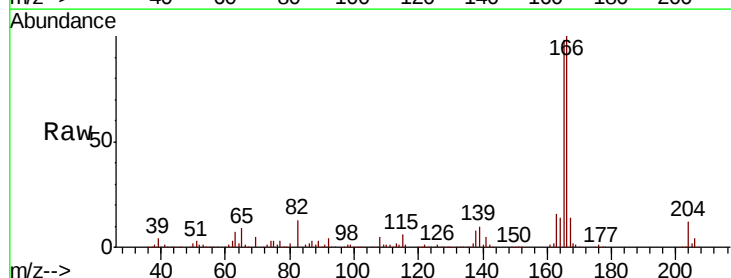
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.7	31.0	46.4
89	69.1	55.3	82.9
182	2.9	2.3	3.5



#58
Fluorene
Concen: 35.833 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	14.0	11.2	16.8

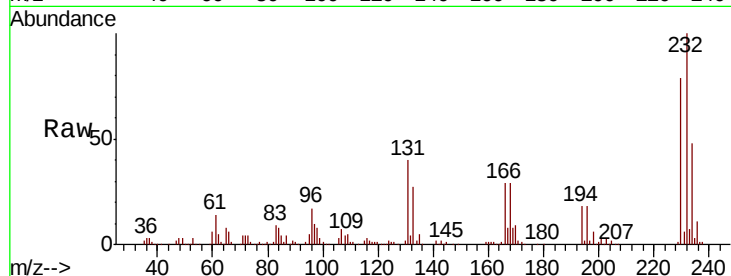




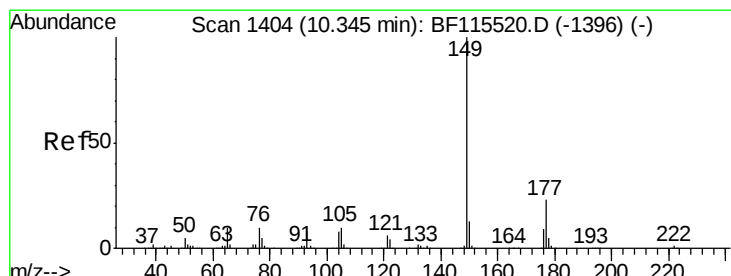
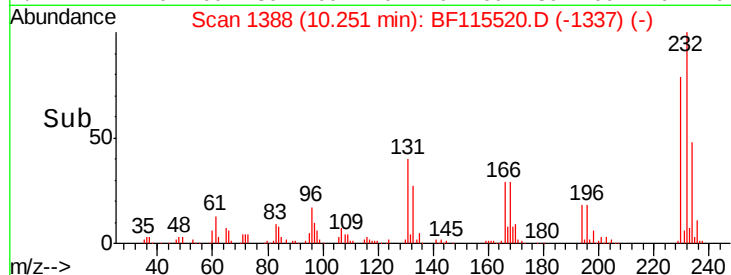
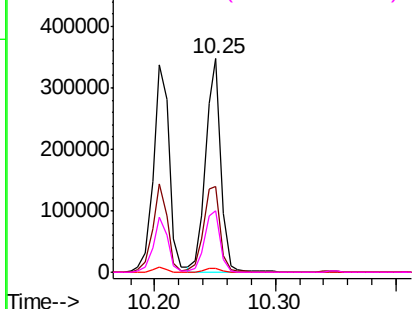
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.202 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 300374
Ion Ratio Lower Upper
232 100
131 44.5 35.6 53.4
130 2.1 1.7 2.5
166 30.6 24.5 36.7

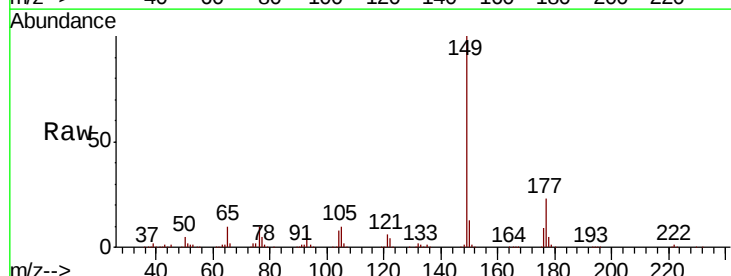


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

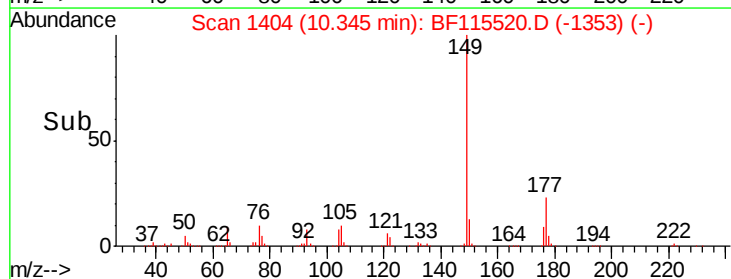
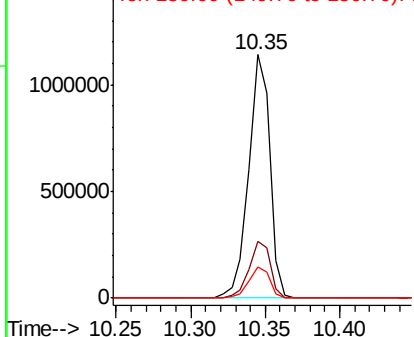


#60
Diethylphthalate
Concen: 36.957 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:149 Resp: 1115106
Ion Ratio Lower Upper
149 100
177 23.4 18.7 28.1
150 12.9 10.3 15.5



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

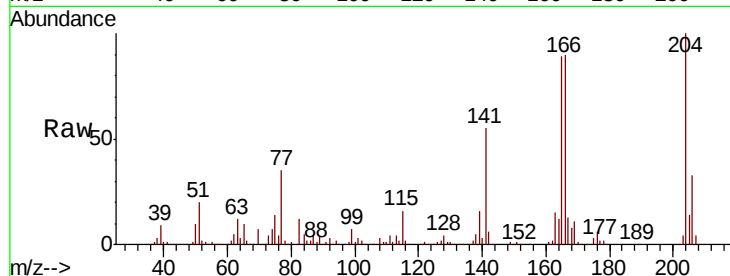




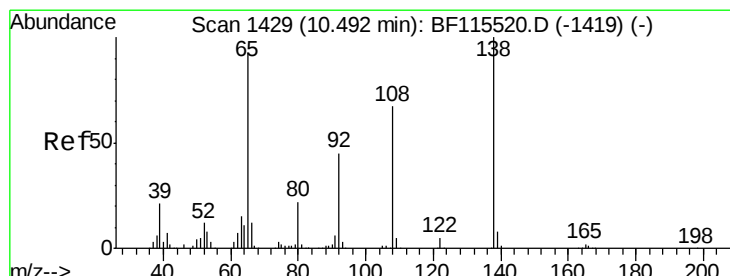
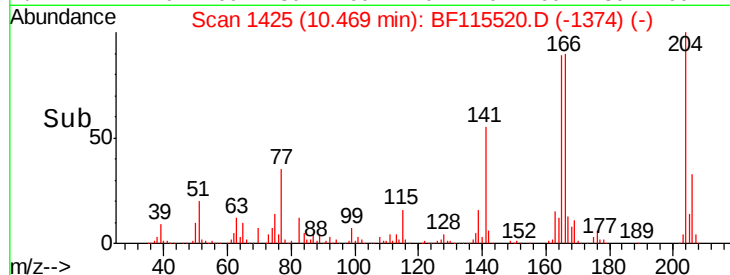
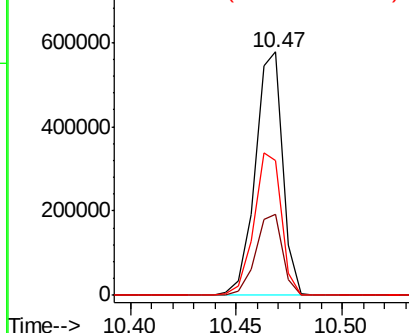
#61
 4-Chlorophenyl-phenylether
 Concen: 38.120 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	55.2	44.2	66.2

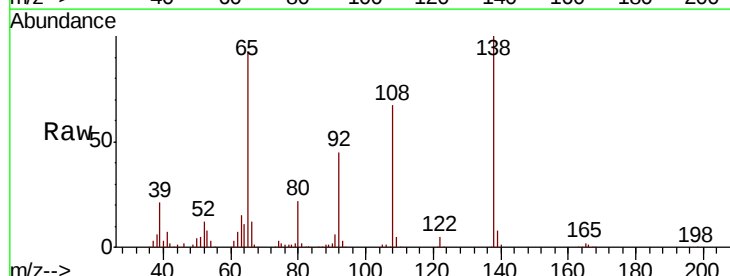


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

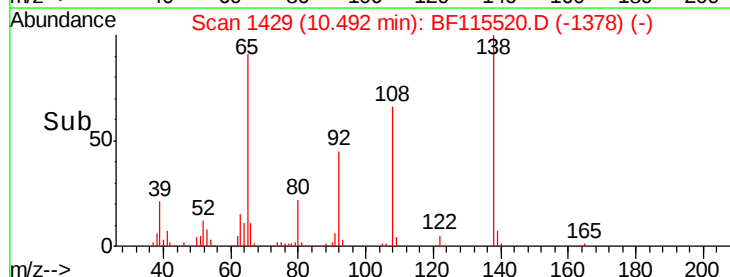
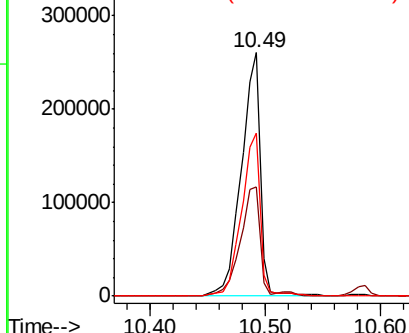


#62
 4-Nitroaniline
 Concen: 39.348 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	25.1	65.1
108	66.7	46.7	86.7



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: 34.930 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1086414

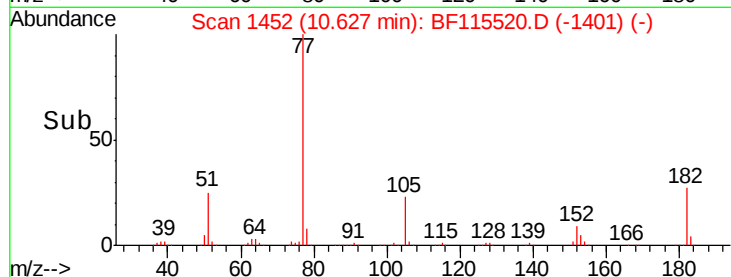
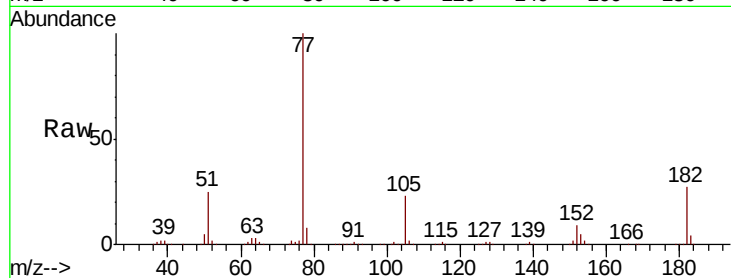
Ion	Ratio	Lower	Upper
77	100		
182	26.6	6.6	46.6
105	23.2	3.2	43.2
51	25.4	5.4	45.4

77 100

182 26.6 6.6 46.6

105 23.2 3.2 43.2

51 25.4 5.4 45.4

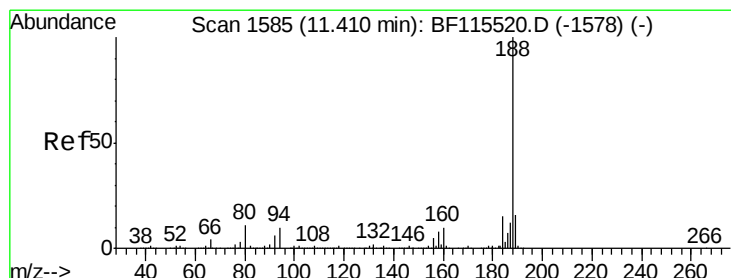
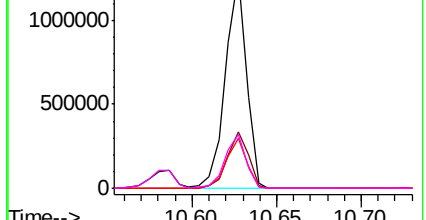


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

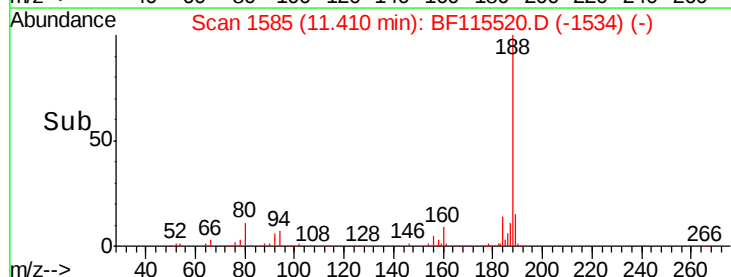
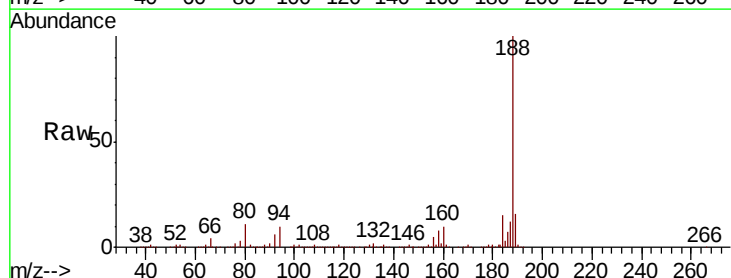
Tgt Ion: 188 Resp: 757173

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.3	12.5
80	11.2	9.0	13.4

188 100

94 10.4 8.3 12.5

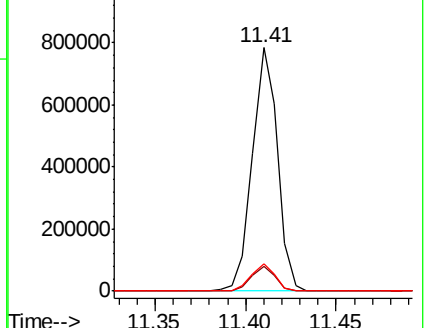
80 11.2 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

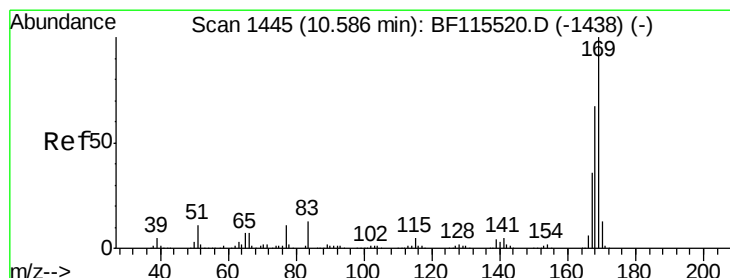
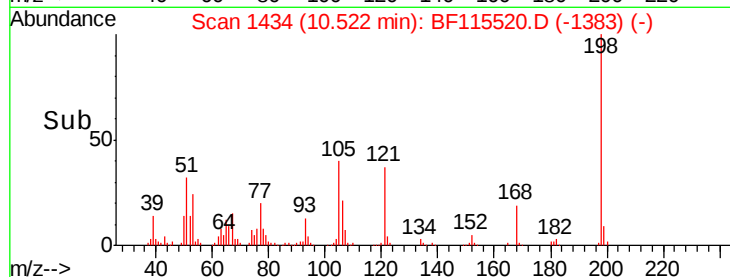
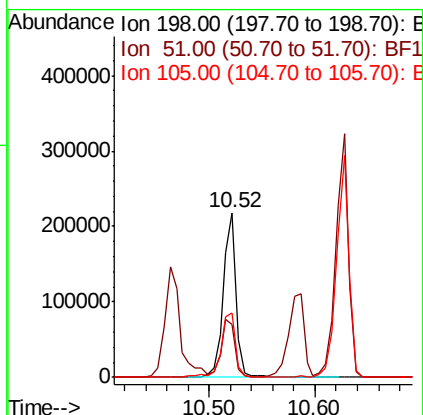
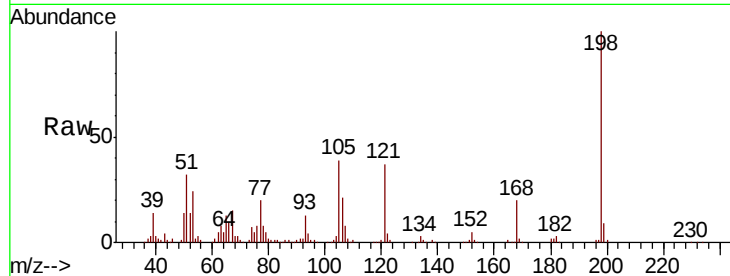




#65
4,6-Dinitro-2-methylphenol
Concen: 56.327 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

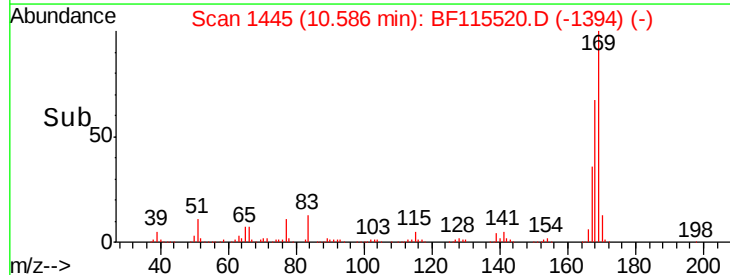
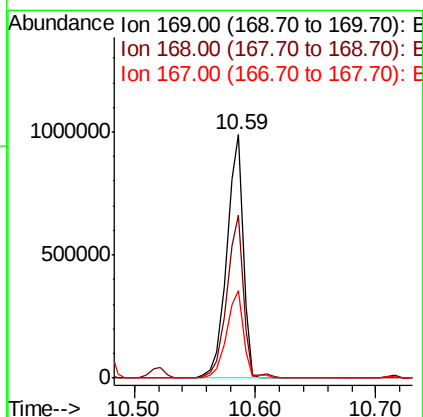
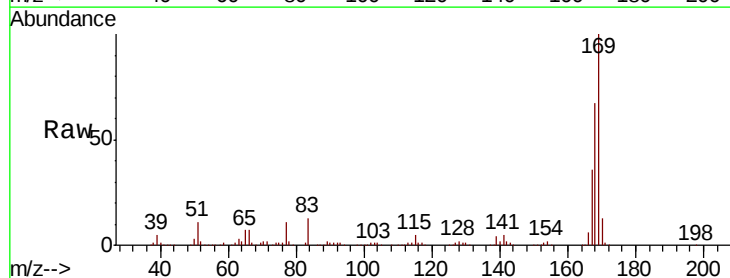
Instrument :
BNA_F
ClientSampleId :

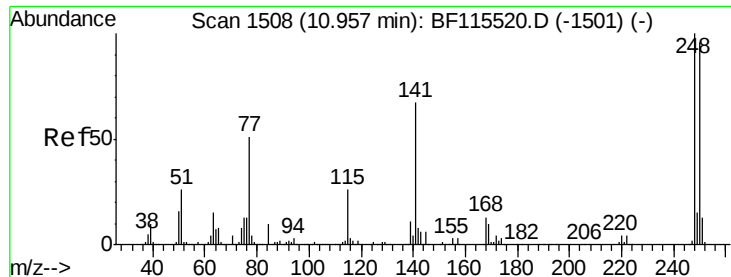
Tot Ion:198 Resp: 185283
Ion Ratio Lower Upper
198 100
51 32.0 12.0 52.0
105 39.5 19.5 59.5



#66
n-Nitrosodiphenylamine
Concen: 38.946 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:169 Resp: 929137
Ion Ratio Lower Upper
169 100
168 66.9 53.5 80.3
167 36.1 28.9 43.3

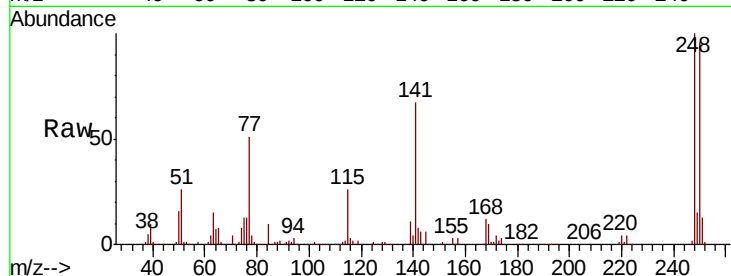




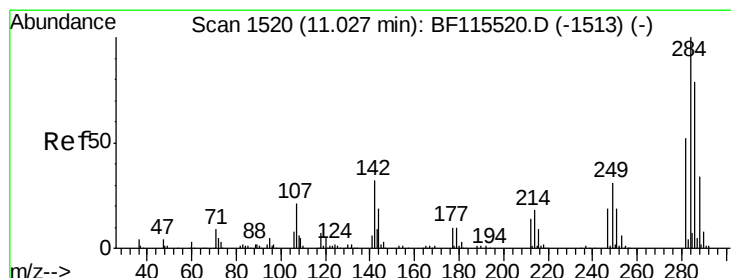
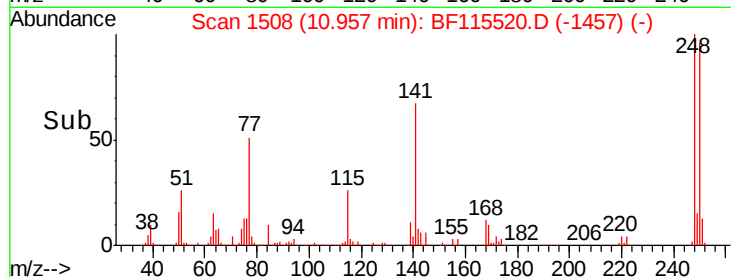
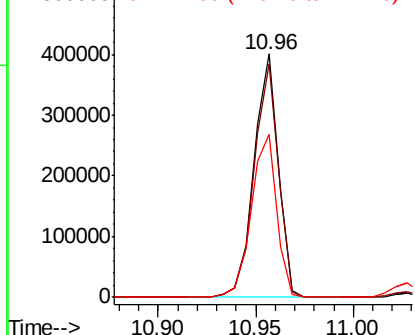
#67
 4-Bromophenyl-phenylether
 Concen: 40.643 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 345304
 Ion Ratio Lower Upper
 248 100
 250 95.8 76.6 115.0
 141 67.1 53.7 80.5

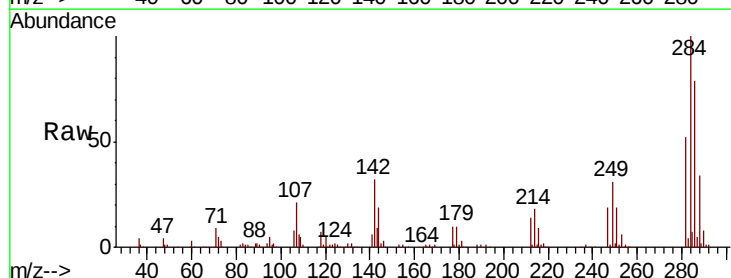


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

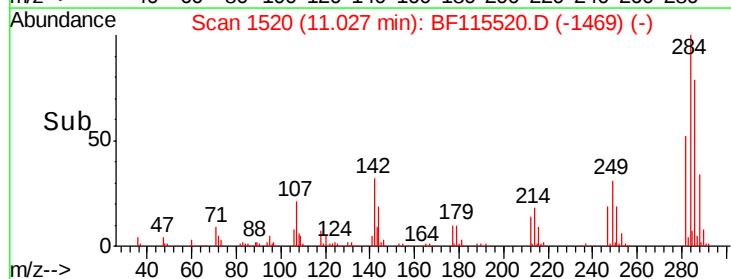
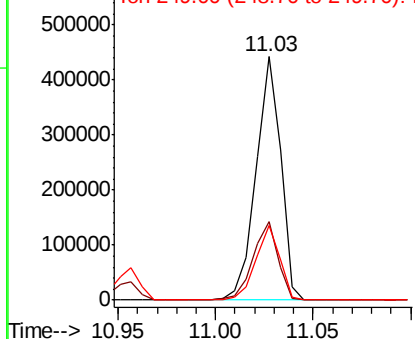


#68
 Hexachlorobenzene
 Concen: 40.655 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Tgt Ion:284 Resp: 387586
 Ion Ratio Lower Upper
 284 100
 142 32.3 25.8 38.8
 249 30.5 24.4 36.6



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





#69

Atrazine

Concen: 39.149 ng

RT: 11.11 min Scan# 1534

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :

BNA_F

ClientSampleId :

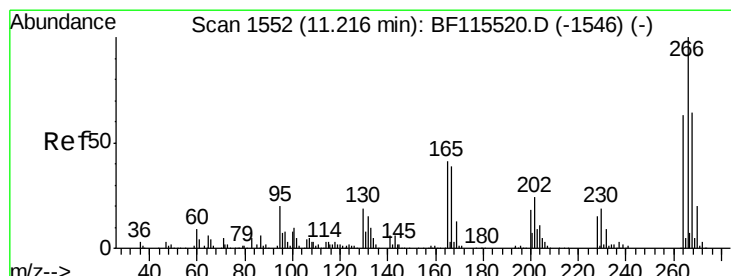
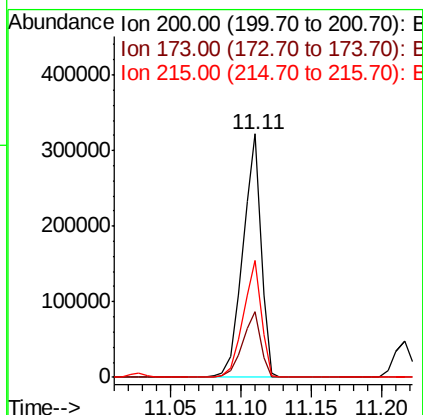
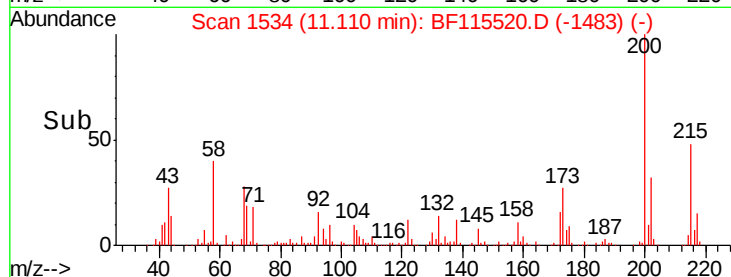
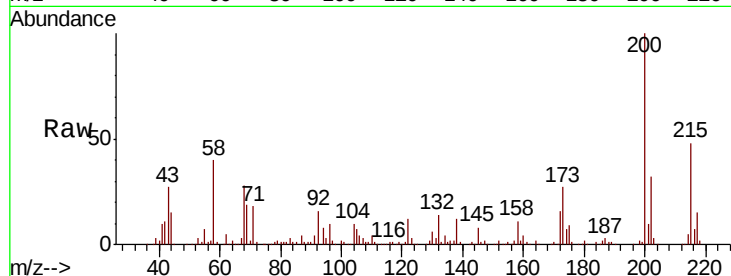
Tot Ion:200 Resp: 289049

Ion Ratio Lower Upper

200 100

173 26.9 6.9 46.9

215 47.9 27.9 67.9



#70

Pentachlorophenol

Concen: 42.035 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

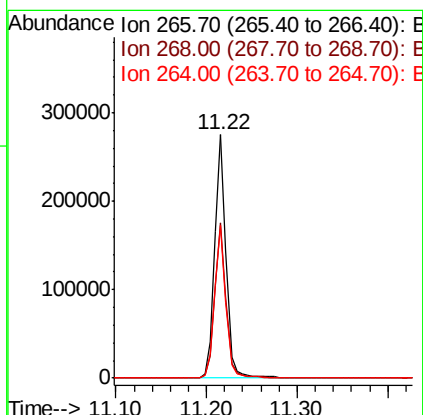
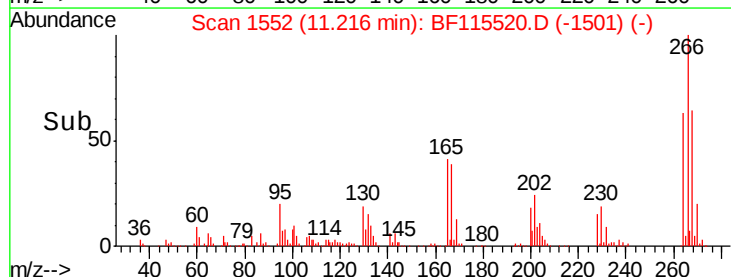
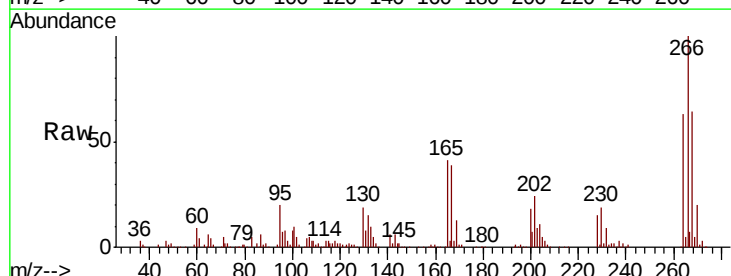
Tgt Ion:266 Resp: 244227

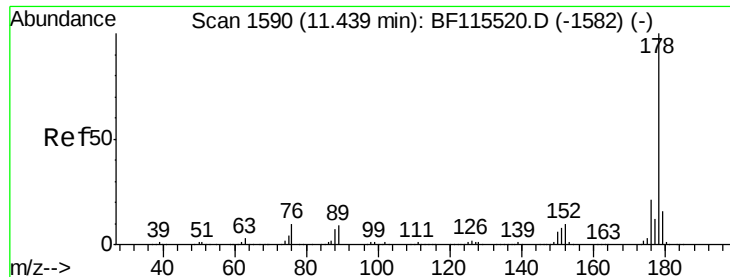
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.7 50.2 75.2

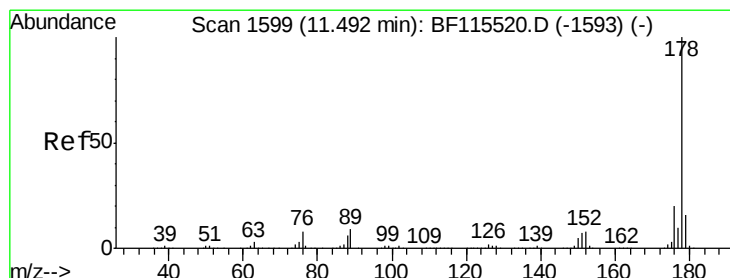
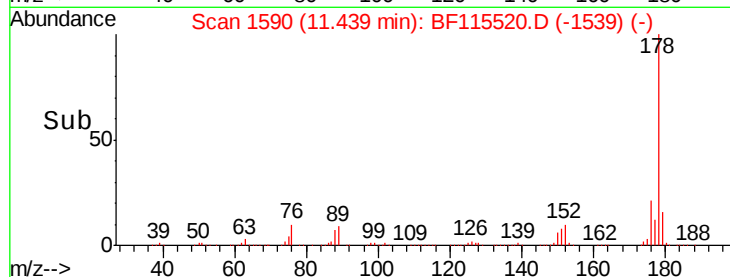
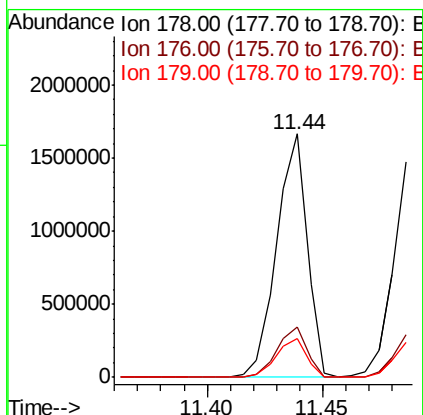
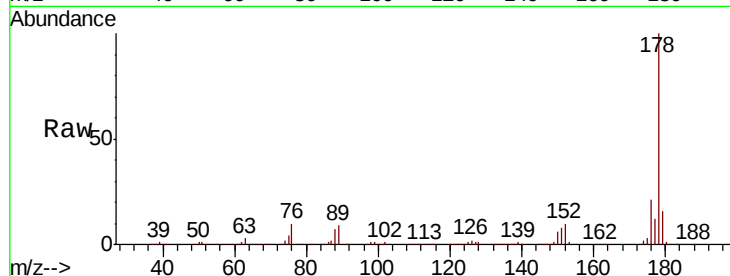




#71
Phenanthrene
Concen: 38.364 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

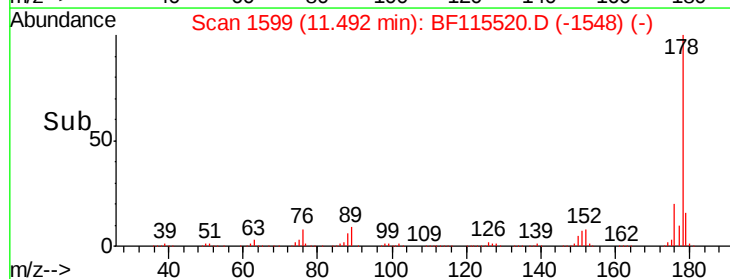
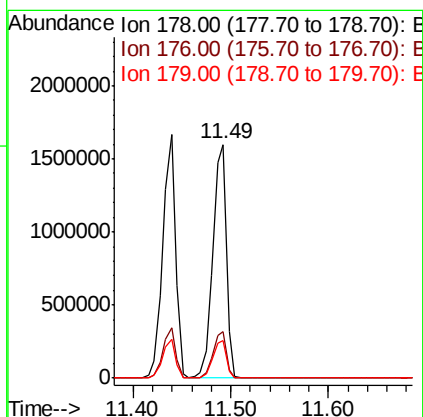
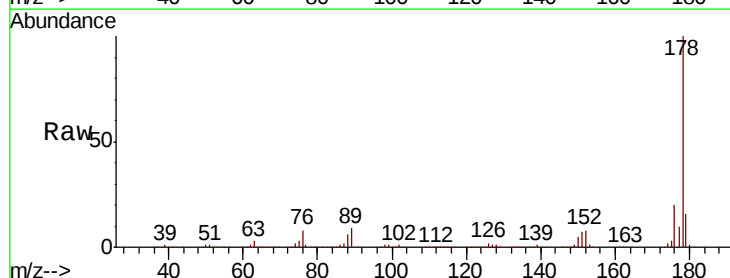
Instrument :
BNA_F
ClientSampleId :

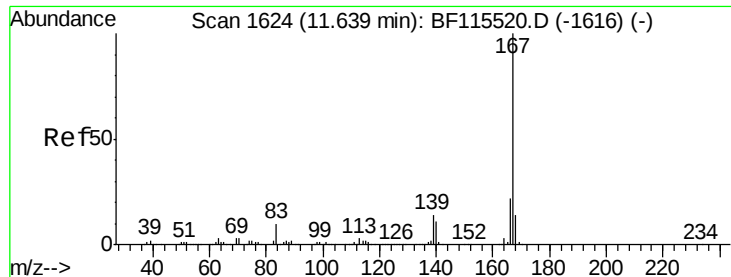
Tot Ion:178 Resp: 1527719
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 16.0 12.8 19.2



#72
Anthracene
Concen: 38.595 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:178 Resp: 1541186
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.9 12.7 19.1

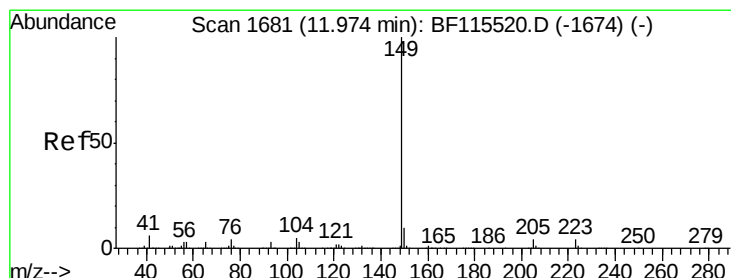
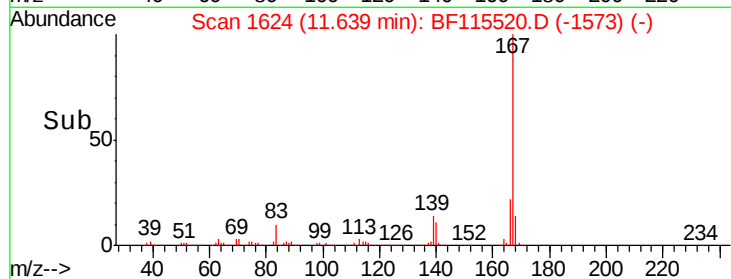
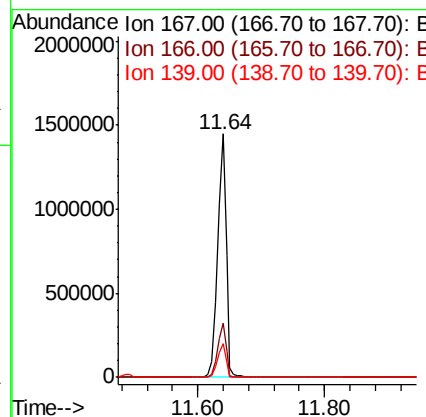
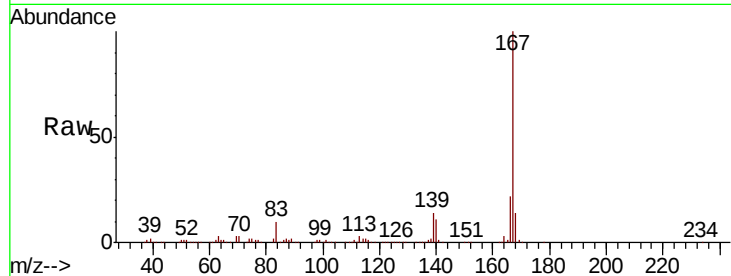




#73
 Carbazole
 Concen: 37.763 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

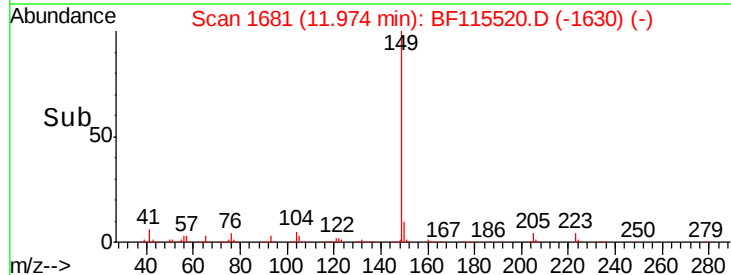
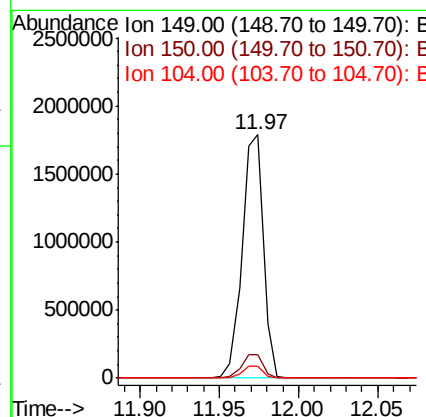
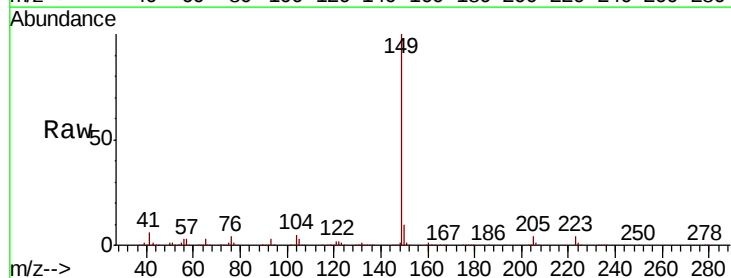
Instrument :
 BNA_F
 ClientSampleId :

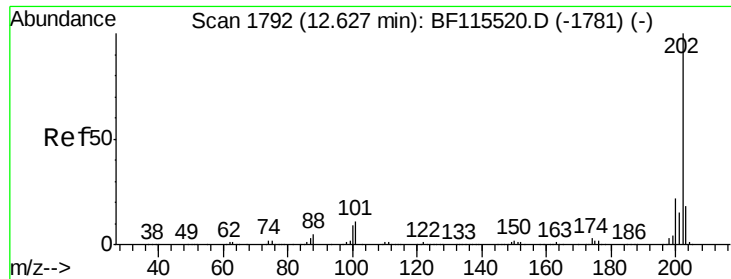
Tot Ion:167 Resp: 1379529
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.9 26.9
 139 13.8 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 37.508 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Tgt Ion:149 Resp: 1655986
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.8 3.8 5.8



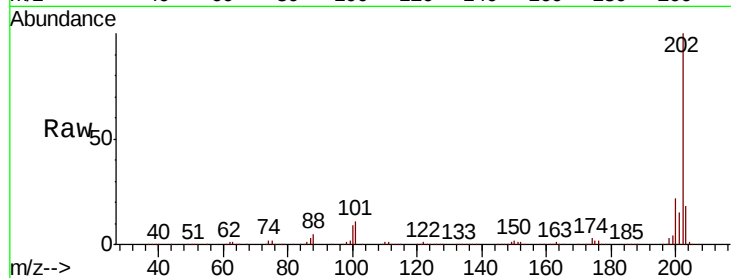


#75
 Fluoranthene
 Concen: 37.406 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

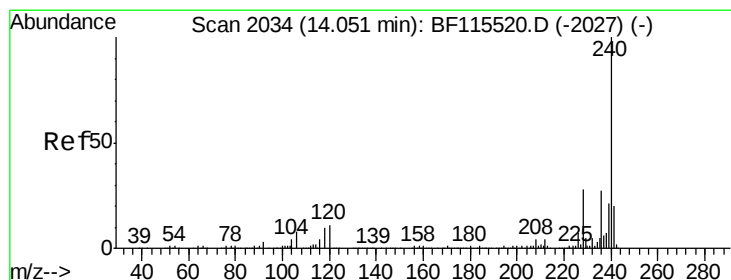
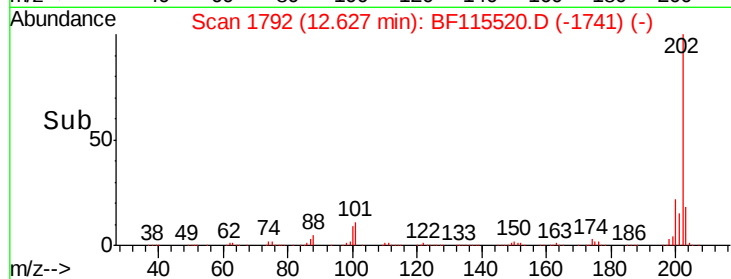
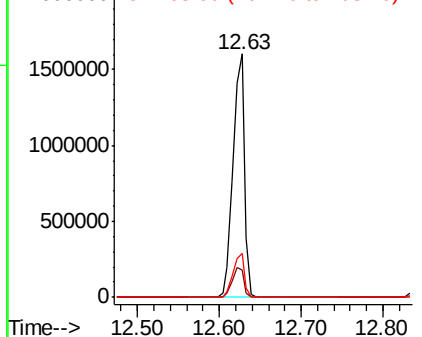
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1568377

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.4
203	18.1	0.0	38.1



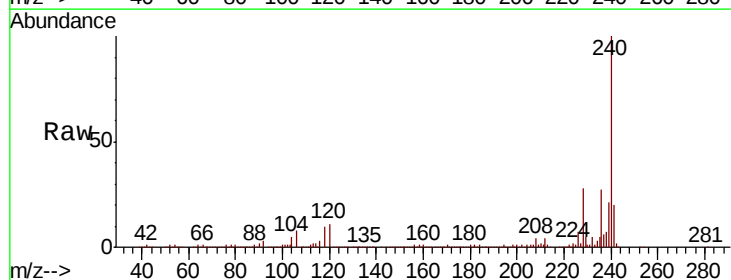
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



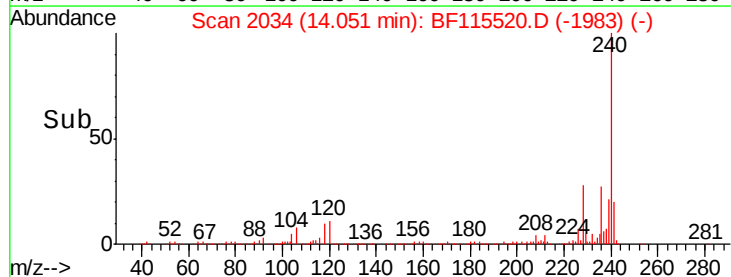
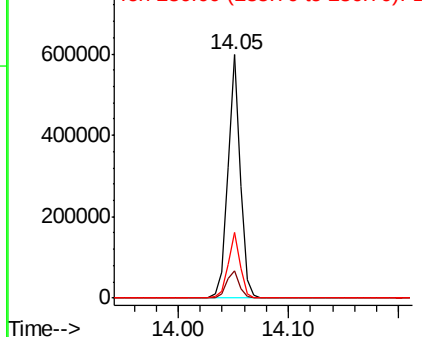
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Tgt Ion:240 Resp: 470966

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	26.8	21.4	32.2



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





#77

Benzidine

Concen: 35.706 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :

BNA_F

ClientSampleId :

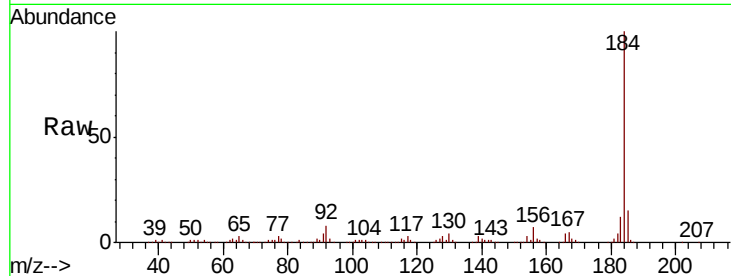
Tot Ion:184 Resp: 655765

Ion Ratio Lower Upper

184 100

185 15.0 12.0 18.0

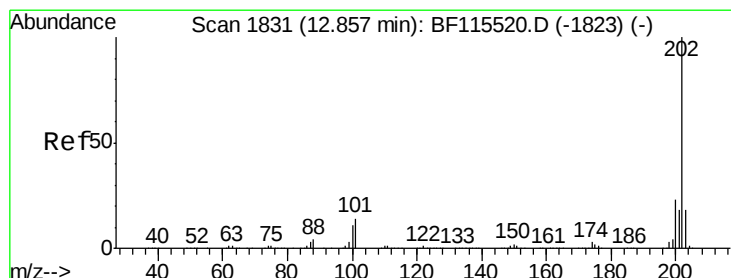
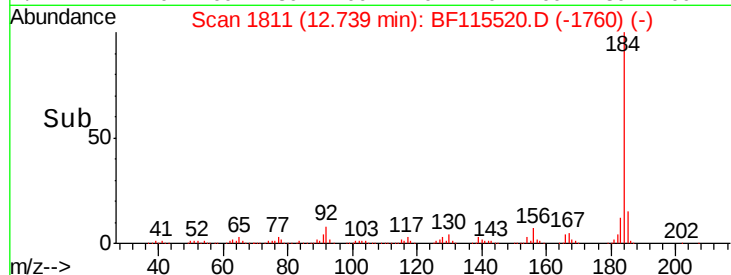
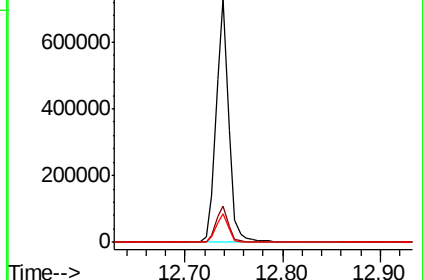
183 11.6 9.3 13.9



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: 42.772 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

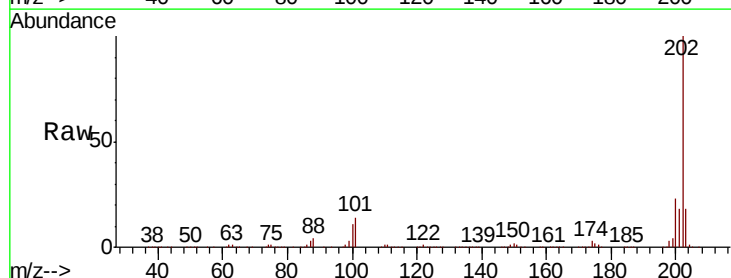
Tgt Ion:202 Resp: 1566504

Ion Ratio Lower Upper

202 100

200 22.5 18.0 27.0

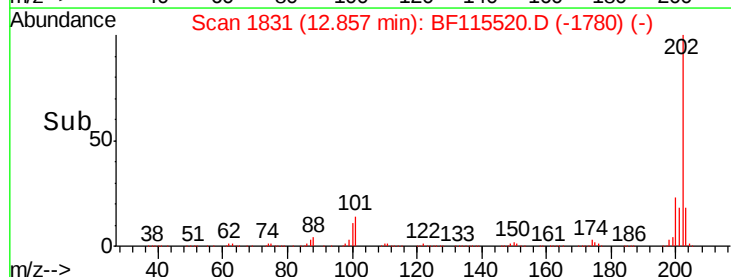
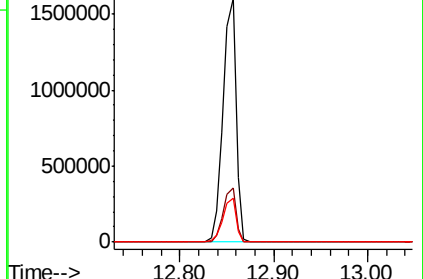
203 18.2 14.6 21.8



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: 85.647 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :

BNA_F

ClientSampleId :

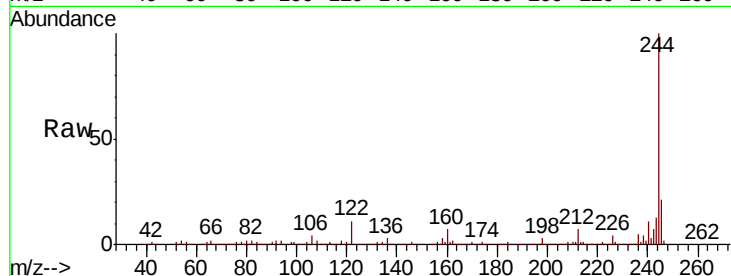
Tot Ion:244 Resp: 1970047

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

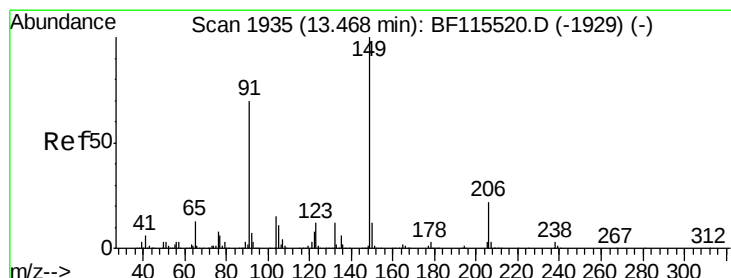
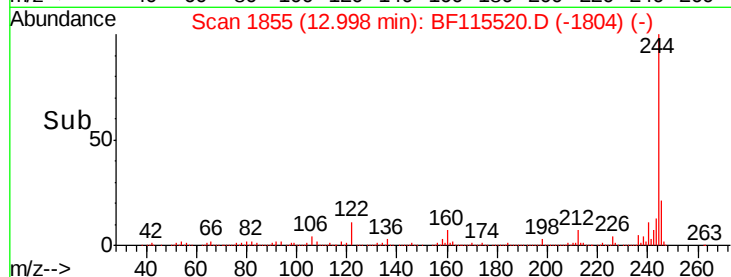
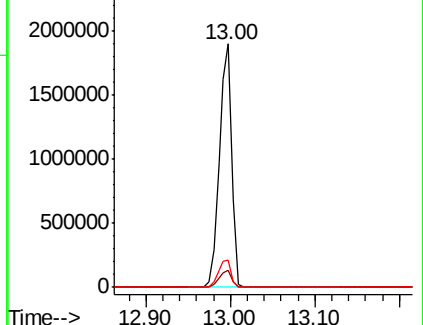
122 11.2 9.0 13.4



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: 41.921 ng

RT: 13.47 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

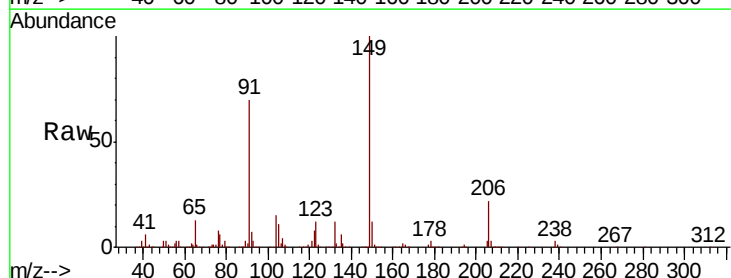
Tgt Ion:149 Resp: 670829

Ion Ratio Lower Upper

149 100

91 70.1 56.1 84.1

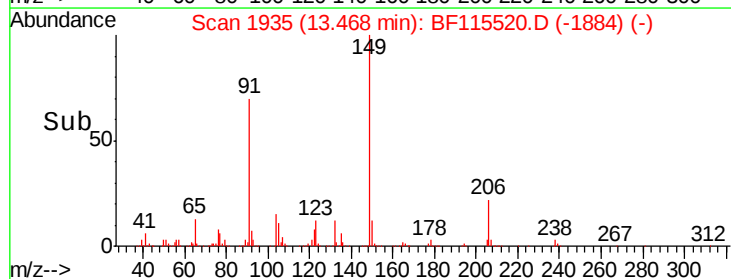
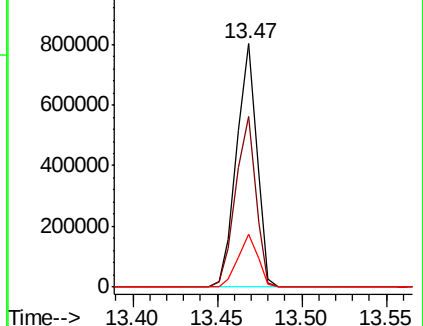
206 21.8 17.4 26.2



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: 40.138 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

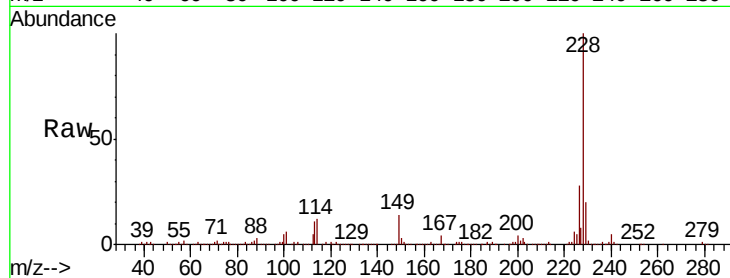
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1211237

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	20.1	16.1	24.1

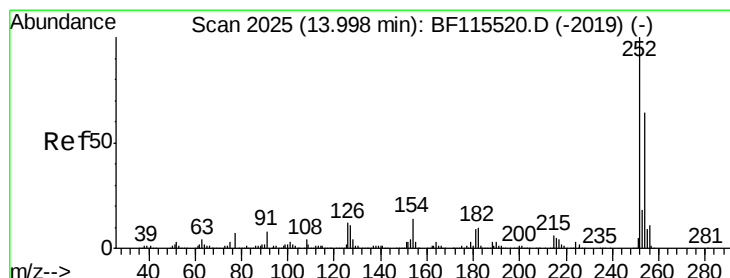
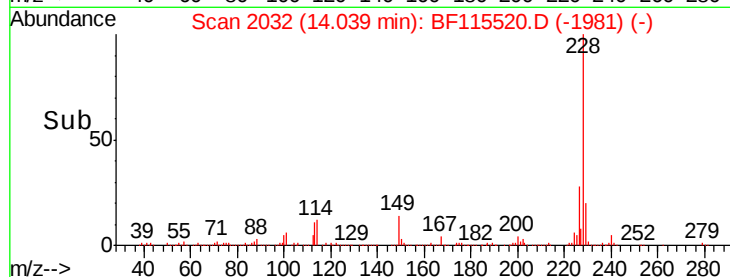
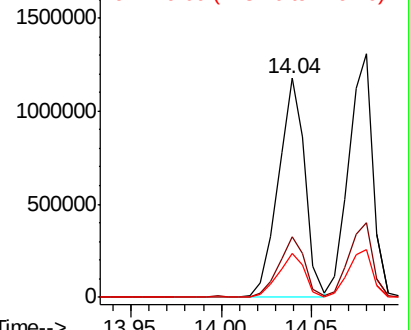


Abundance

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: 40.920 ng

RT: 14.00 min Scan# 2025

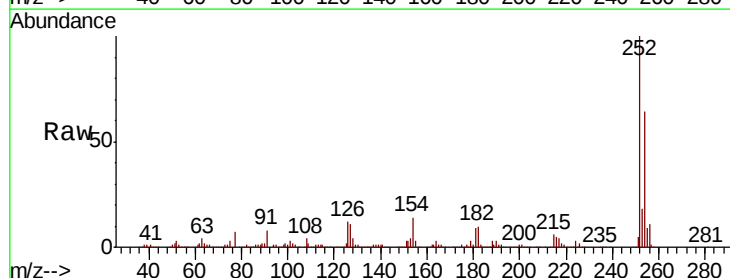
Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Tgt Ion:252 Resp: 448061

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.1	76.7
126	11.8	9.4	14.2

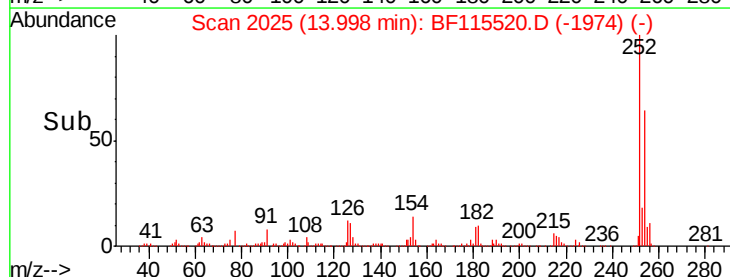
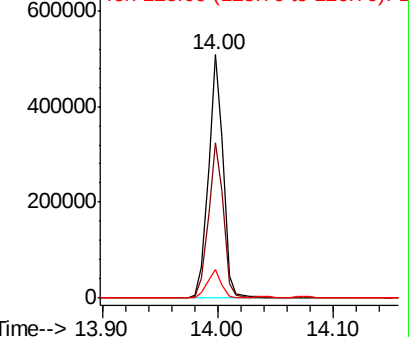


Abundance

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

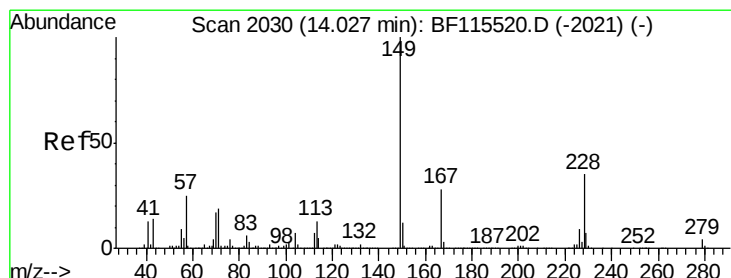
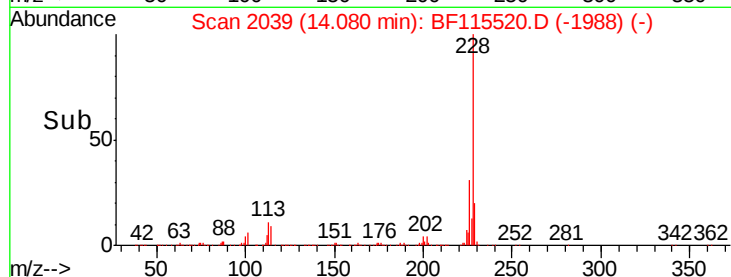
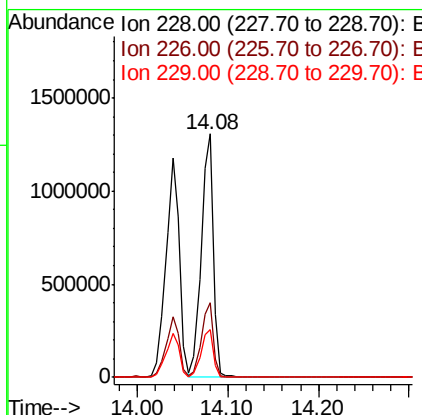
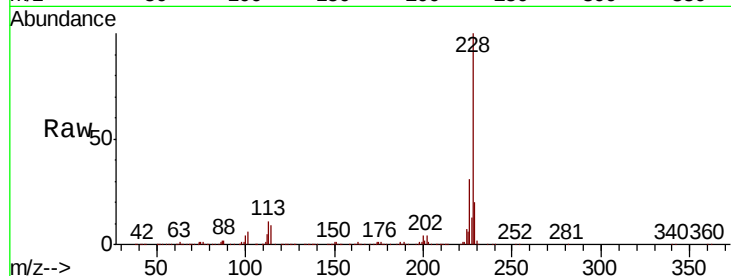




#83
 Chrvsene
 Concen: 39.433 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

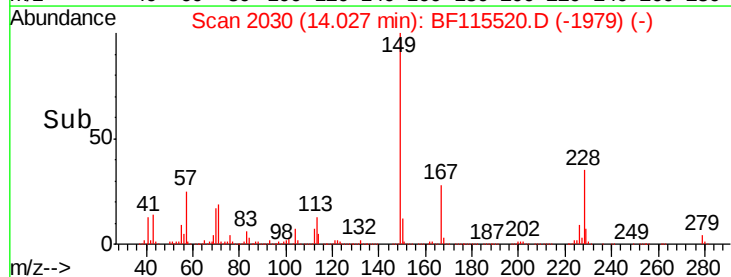
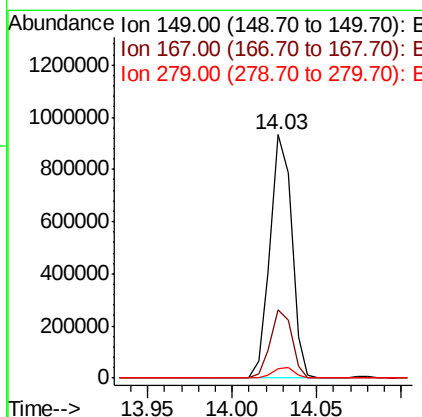
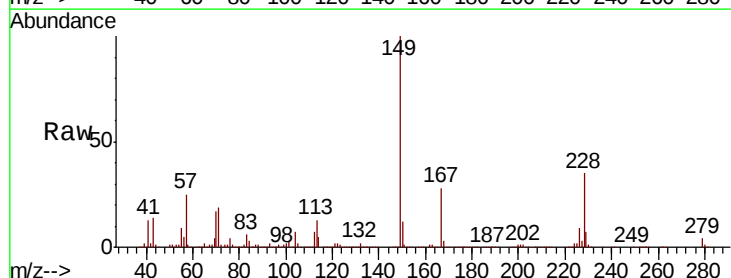
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1222636
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 36.8
 229 19.6 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.171 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115520.D
 Acq: 12 Jul 2019 10:23

Tgt Ion:149 Resp: 835709
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.2 33.4
 279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 37.503 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Instrument :

BNA_F

ClientSampleId :

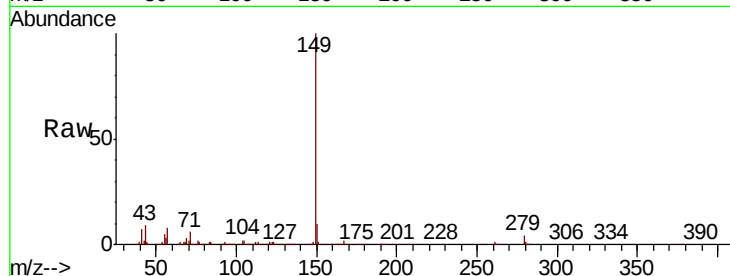
Tot Ion:149 Resp: 1323054

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

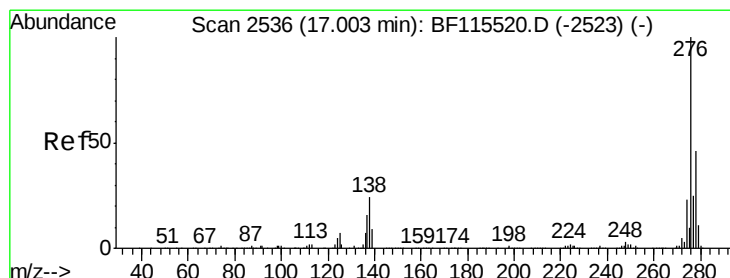
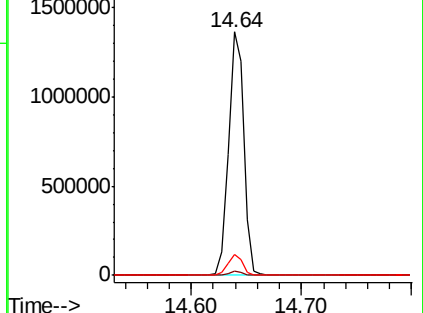
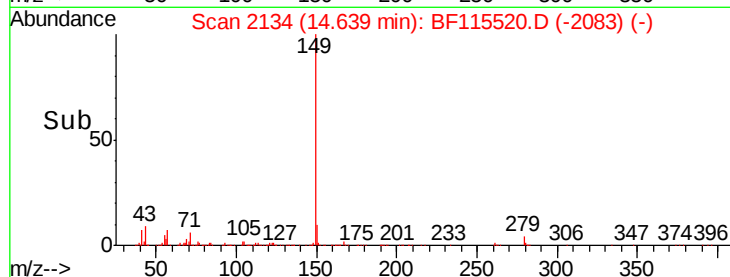
43 8.5 6.8 10.2



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: 37.016 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

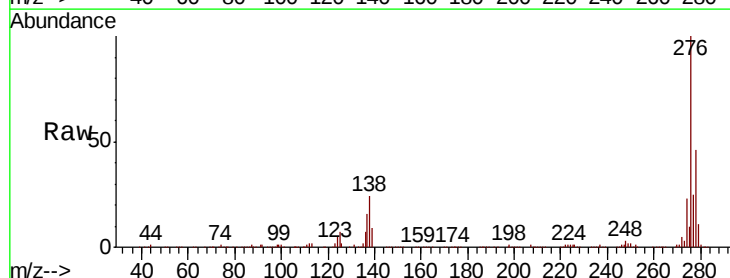
Tgt Ion:276 Resp: 993290

Ion Ratio Lower Upper

276 100

138 25.0 20.0 30.0

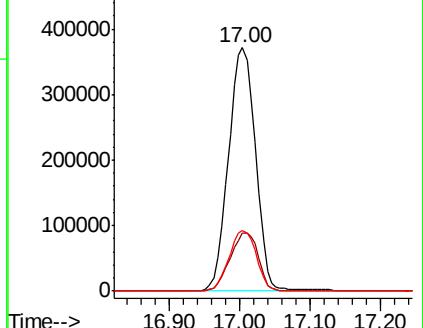
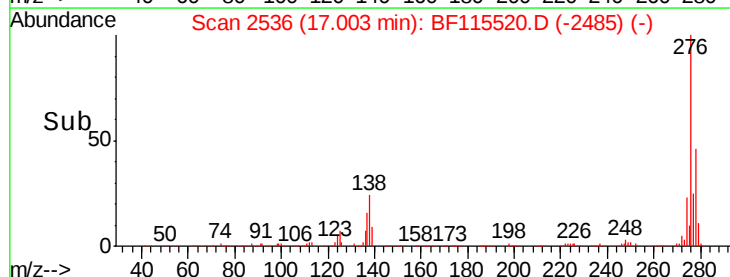
277 25.1 20.1 30.1

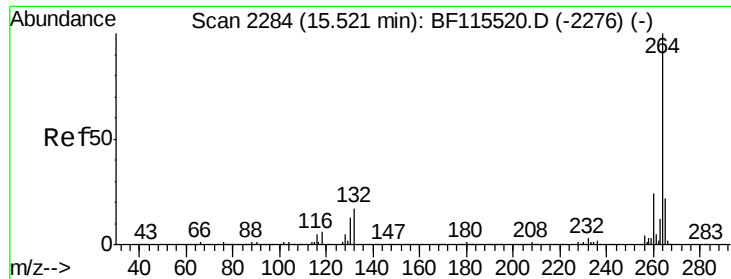


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



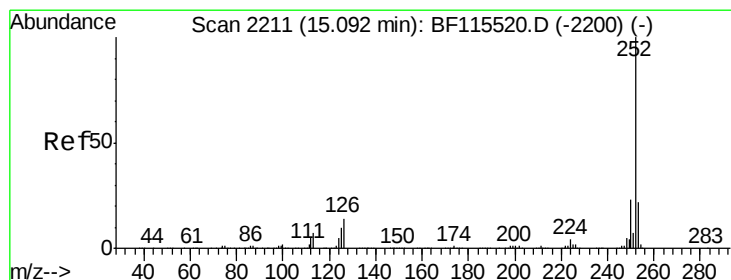
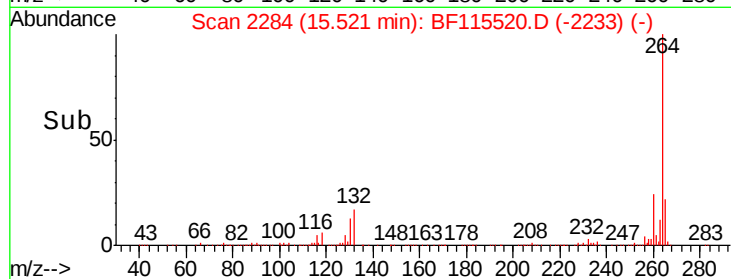
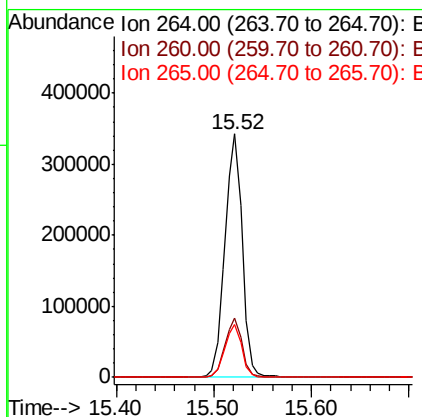
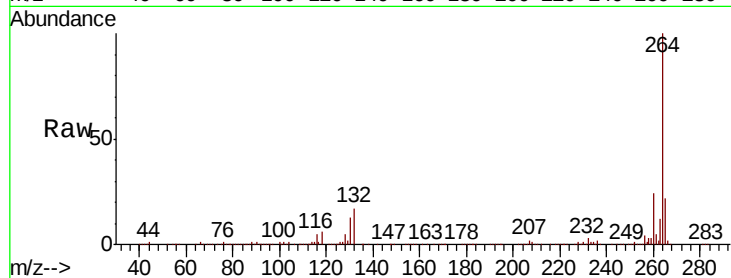


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 422964

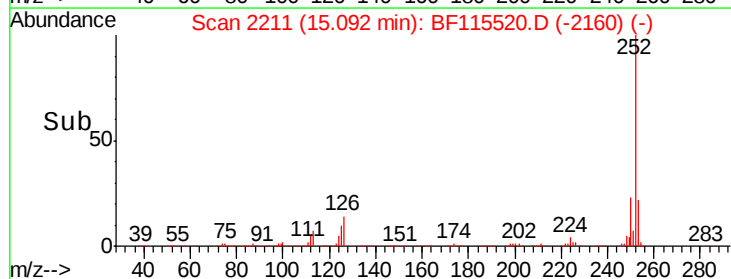
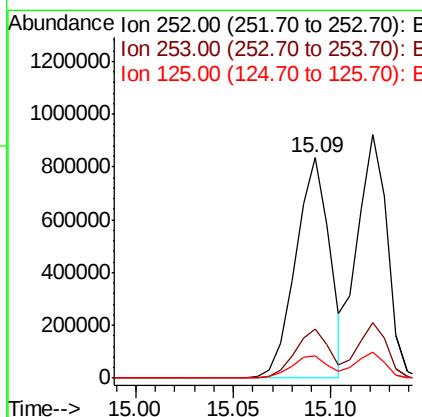
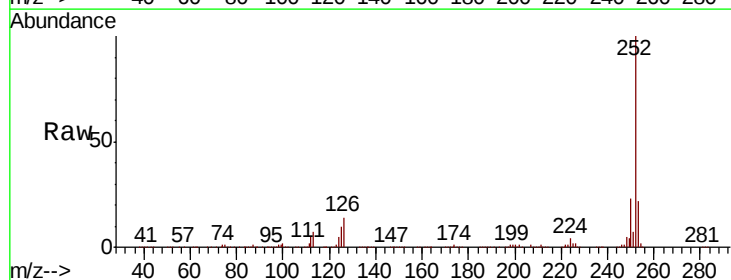
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.5	17.2	25.8

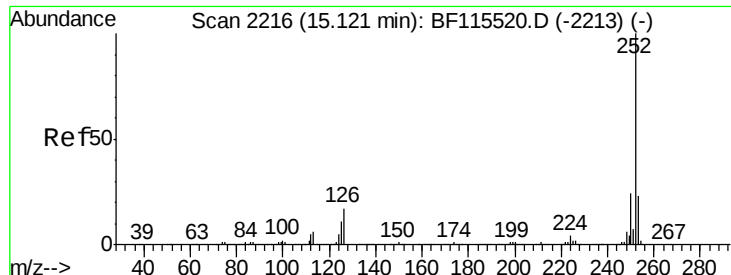


#88
Benzo(b)fluoranthene
Concen: 36.687 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:252 Resp: 1010314

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.4	8.3	12.5

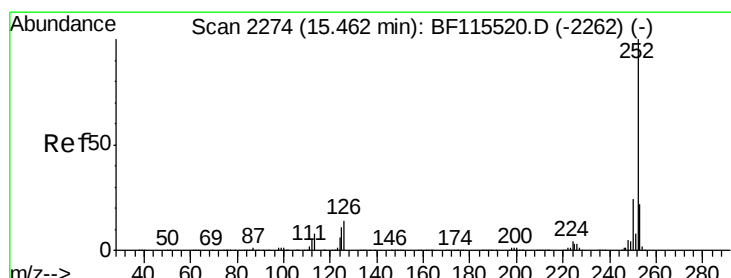
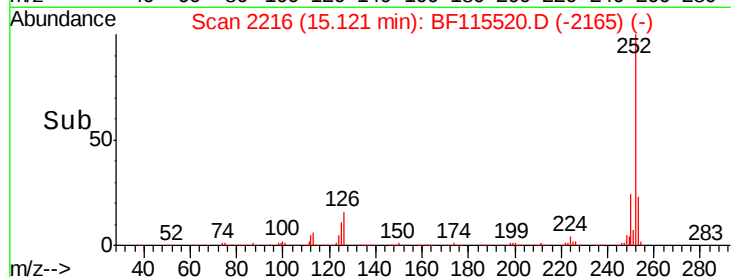
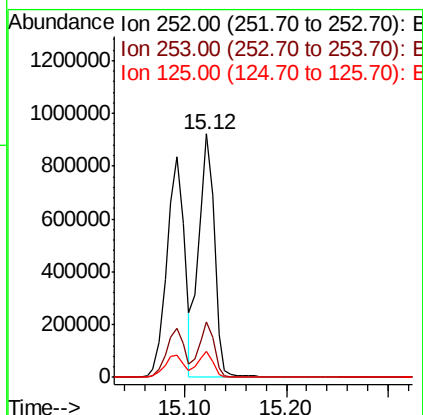
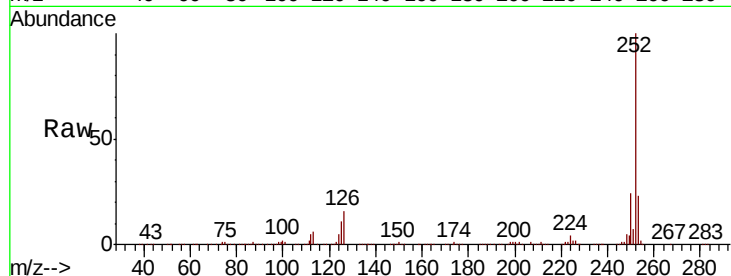




#89
Benzo(k)fluoranthene
Concen: 40.261 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

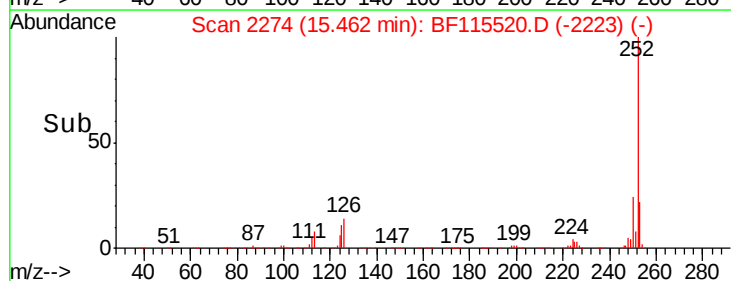
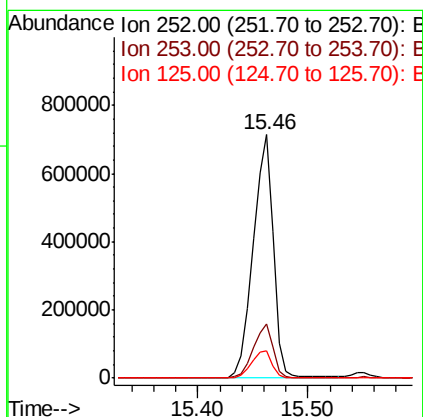
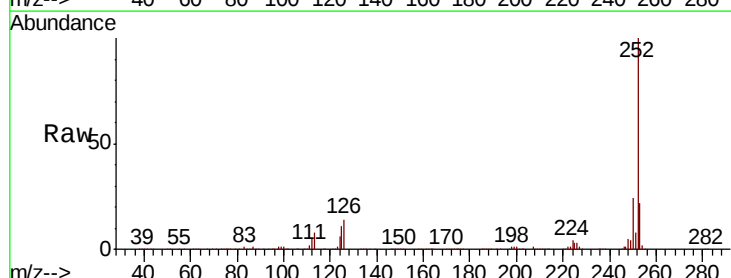
Instrument :
BNA_F
ClientSampleId :

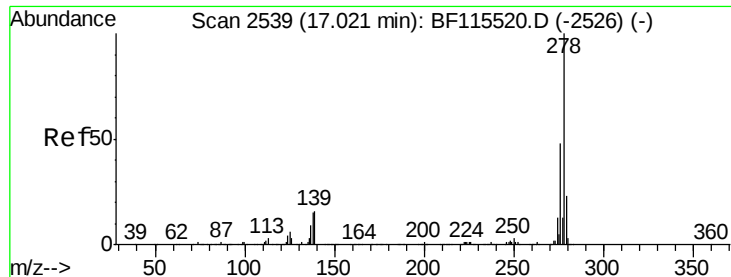
Tot Ion:252 Resp: 986049
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.9 8.7 13.1



#90
Benzo(a)pyrene
Concen: 38.563 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115520.D
Acq: 12 Jul 2019 10:23

Tgt Ion:252 Resp: 915951
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.1 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 39.869 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

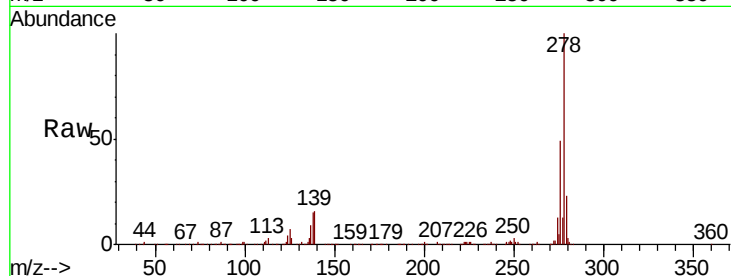
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 809231

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	23.5	18.8	28.2

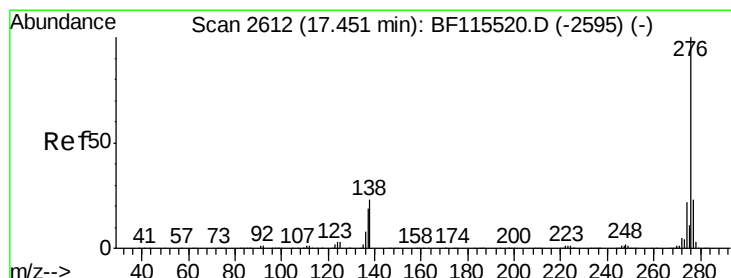
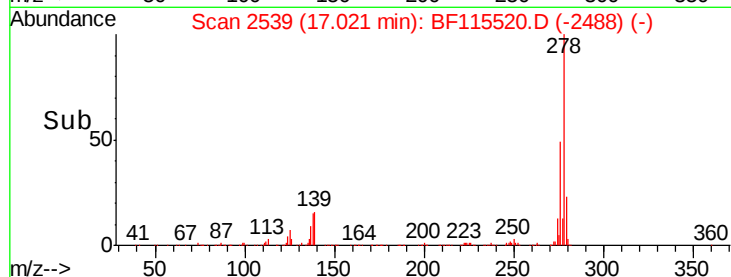
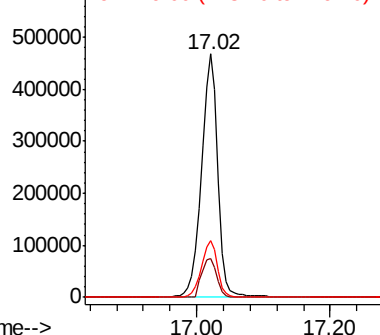


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.657 ng

RT: 17.45 min Scan# 2612

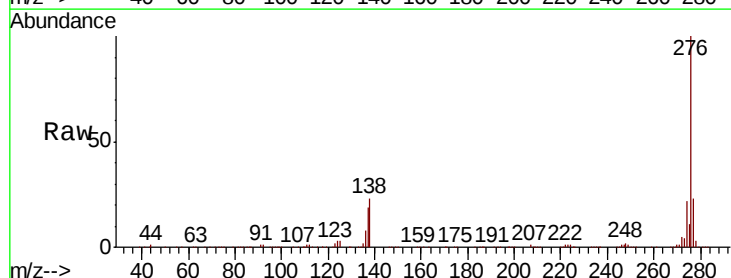
Delta R.T. 0.00 min

Lab File: BF115520.D

Acq: 12 Jul 2019 10:23

Tgt Ion:276 Resp: 800282

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.5	27.7
138	22.5	18.0	27.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

