

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115700.D
 Acq On : 22 Jul 2019 10:33
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:12:24 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 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	164096	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	700194	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	356612	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	683281	20.00	ng	0.00
76) Chrysene-d12	14.04	240	460382	20.00	ng	0.00
87) Perylene-d12	15.52	264	408483	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	796211	79.37	ng	0.00
7) Phenol-d6	6.51	99	1009927	79.34	ng	0.00
23) Nitrobenzene-d5	7.45	82	925401	76.85	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	312504	75.08	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1609862	79.01	ng	-0.01
79) Terphenyl-d14	12.99	244	1815007	72.74	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.66	88	191913	38.350	ng	98
3) Pyridine	3.42	79	524326	38.619	ng	98
4) n-Nitrosodimethylamine	3.36	42	192602	39.104	ng	91
6) Aniline	6.55	93	698125	39.409	ng	98
8) 2-Chlorophenol	6.67	128	455724	39.511	ng	98
9) Benzaldehyde	6.43	77	312541	39.290	ng	100
10) Phenol	6.53	94	594299	40.217	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	442344	39.317	ng	99
12) 1,3-Dichlorobenzene	6.82	146	506036	39.022	ng	98
13) 1,4-Dichlorobenzene	6.90	146	505545	39.072	ng	98
14) 1,2-Dichlorobenzene	7.05	146	472838	39.977	ng	98
15) Benzyl Alcohol	7.02	79	382728	37.901	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	606503	40.947	ng	99
17) 2-Methylphenol	7.13	107	389995	39.235	ng	98
18) Hexachloroethane	7.40	117	188000	39.146	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	320667	38.625	ng	96
20) 3+4-Methylphenols	7.29	107	457706	38.766	ng	# 88
22) Acetophenone	7.29	105	604114	38.191	ng	# 99
24) Nitrobenzene	7.46	77	509218	39.206	ng	97
25) Isophorone	7.70	82	909514	37.746	ng	99
26) 2-Nitrophenol	7.78	139	256245	38.330	ng	94
27) 2,4-Dimethylphenol	7.82	122	364871	36.477	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	576729	39.015	ng	99
29) 2,4-Dichlorophenol	8.02	162	402010	38.644	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	446486	37.970	ng	99
31) Naphthalene	8.19	128	1314974	38.778	ng	97
32) Benzoic acid	7.94	122	277486	33.803	ng	98
33) 4-Chloroaniline	8.23	127	583688	38.859	ng	98
34) Hexachlorobutadiene	8.30	225	260338	38.607	ng	100
35) Caprolactam	8.60	113	125546	39.055	ng	91
36) 4-Chloro-3-methylphenol	8.72	107	417067	38.650	ng	95
37) 2-Methylnaphthalene	8.87	142	870167	38.712	ng	98
38) 1-Methylnaphthalene	8.97	142	839710	39.329	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	402767	37.506	ng	98

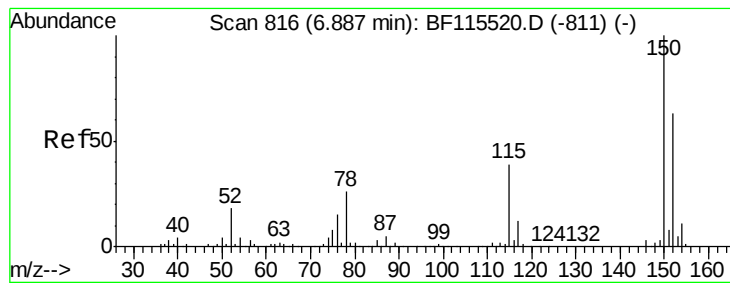
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
 Data File : BF115700.D
 Acq On : 22 Jul 2019 10:33
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 01:12:24 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 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	246888	40.303	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	277856	35.381	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	299526	37.243	ng	99
46) 1,1'-Biphenyl	9.34	154	1063779	38.156	ng	98
47) 2-Chloronaphthalene	9.37	162	879142	37.871	ng	96
48) 2-Nitroaniline	9.46	65	279548	38.907	ng	98
49) Acenaphthylene	9.78	152	1324062	38.493	ng	98
50) Dimethylphthalate	9.64	163	1029055	38.354	ng	99
51) 2,6-Dinitrotoluene	9.70	165	230003	37.722	ng	94
52) Acenaphthene	9.96	154	855508	38.523	ng	99
53) 3-Nitroaniline	9.87	138	266490	38.246	ng	98
54) 2,4-Dinitrophenol	9.97	184	110586	35.325	ng	92
55) Dibenzofuran	10.13	168	1173715	37.217	ng	99
56) 4-Nitrophenol	10.03	139	189645	35.692	ng	98
57) 2,4-Dinitrotoluene	10.10	165	305722	38.702	ng	98
58) Fluorene	10.47	166	892697	39.595	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	255930	38.067	ng	99
60) Diethylphthalate	10.33	149	975636	38.810	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	465360	37.221	ng	97
62) 4-Nitroaniline	10.48	138	265780	39.766	ng	94
63) Azobenzene	10.62	77	987390	40.494	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	144232	34.550	ng	93
66) n-Nitrosodiphenylamine	10.57	169	805784	37.911	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	296549	37.979	ng	97
68) Hexachlorobenzene	11.02	284	336509	37.738	ng	# 94
69) Atrazine	11.10	200	243003	34.851	ng	98
70) Pentachlorophenol	11.21	266	178404	32.711	ng	99
71) Phenanthrene	11.43	178	1340591	38.276	ng	98
72) Anthracene	11.48	178	1366185	37.744	ng	99
73) Carbazole	11.63	167	1234925	38.906	ng	99
74) Di-n-butylphthalate	11.96	149	1496941	38.287	ng	99
75) Fluoranthene	12.62	202	1412894	38.174	ng	100
77) Benzidine	12.73	184	640027	39.243	ng	99
78) Pyrene	12.85	202	1412383	36.210	ng	98
80) Butylbenzylphthalate	13.46	149	621236	37.361	ng	96
81) Benzo(a)anthracene	14.03	228	1190116	39.239	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	421906	39.130	ng	99
83) Chrysene	14.07	228	1144160	37.578	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	805009	39.085	ng	99
85) Di-n-octyl phthalate	14.63	149	1210197	36.929	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	868003	33.556	ng	99
88) Benzo(b)fluoranthene	15.09	252	994846	37.823	ng	98
89) Benzo(k)fluoranthene	15.12	252	913636	38.960	ng	98
90) Benzo(a)pyrene	15.46	252	846889	37.461	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	722178	36.388	ng	98
92) Benzo(g,h,i)perylene	17.45	276	674847	34.094	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampled :

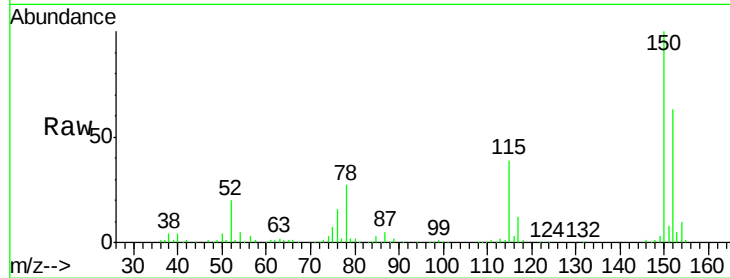
Tot Ion:152 Resp: 164096

Ion Ratio Lower Upper

152 100

150 158.2 129.7 194.5

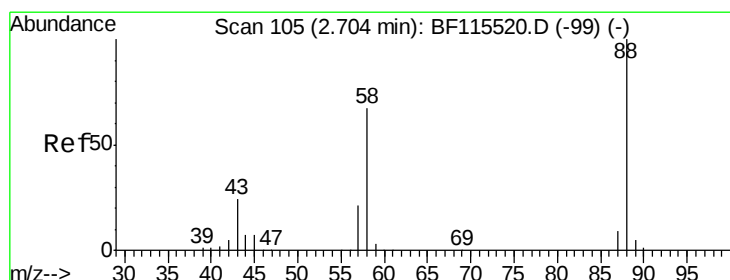
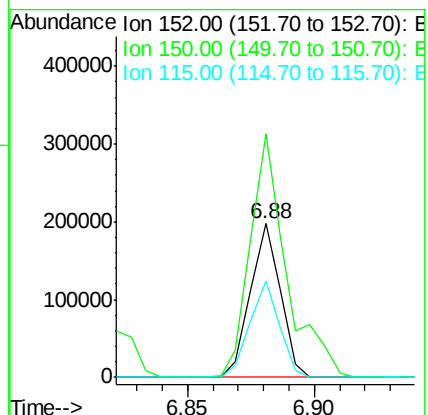
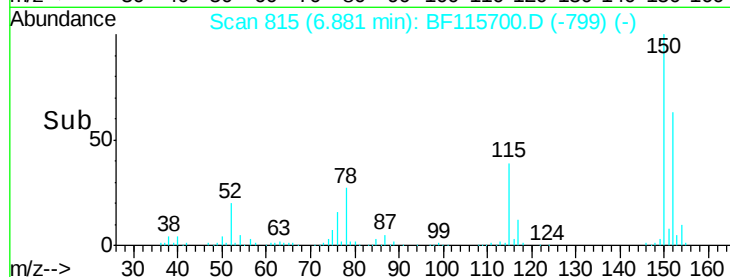
115 62.4 48.2 72.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.350 ng

RT: 2.66 min Scan# 97

Delta R.T. -0.05 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

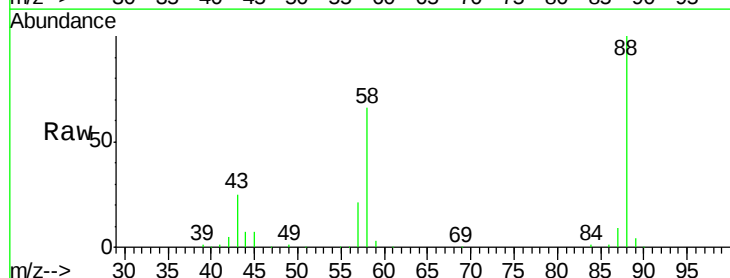
Tgt Ion: 88 Resp: 191913

Ion Ratio Lower Upper

88 100

58 67.1 52.6 79.0

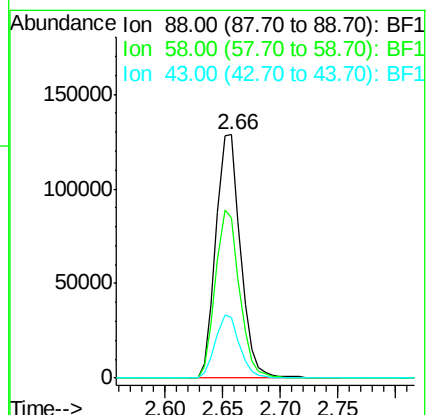
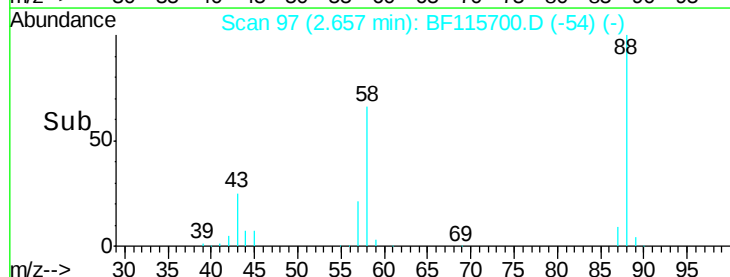
43 25.5 19.1 28.7

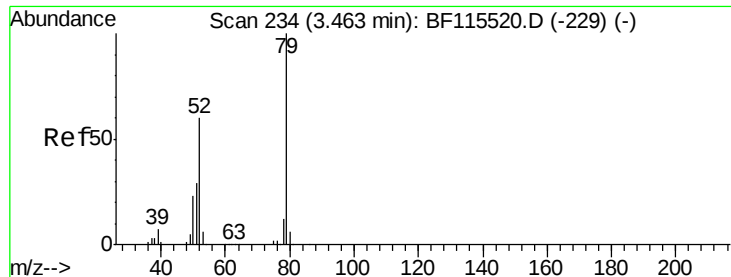


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

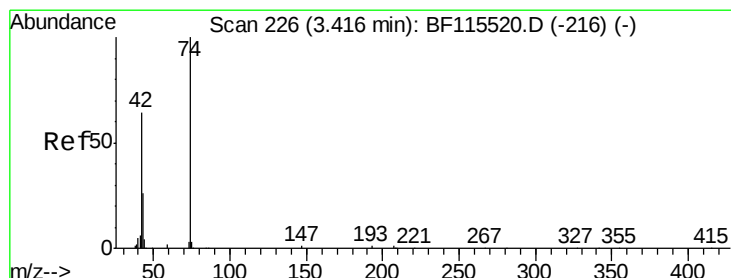
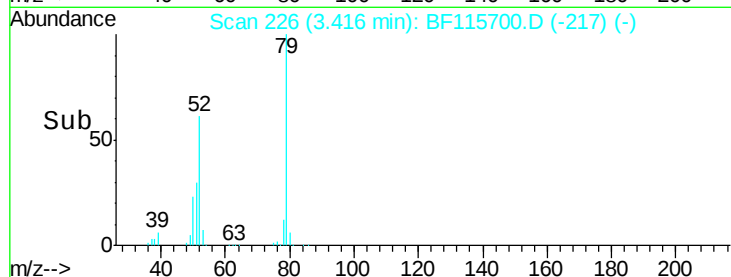
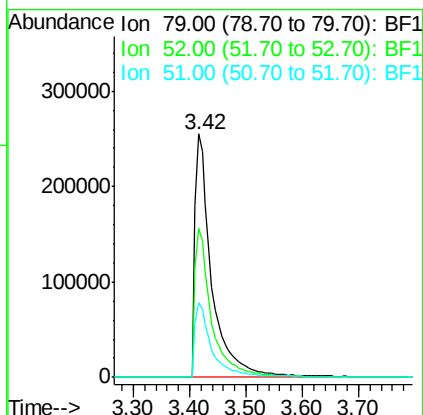
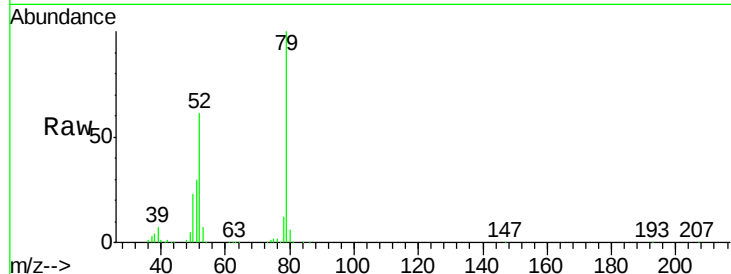




#3
 Pvridine
 Concen: 38.619 ng
 RT: 3.42 min Scan# 226
 Delta R.T. -0.05 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

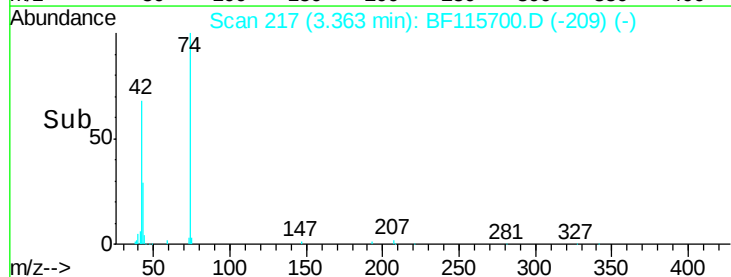
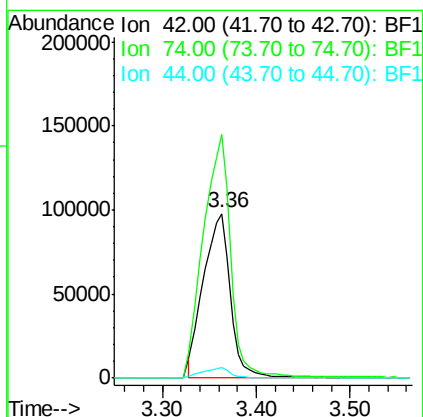
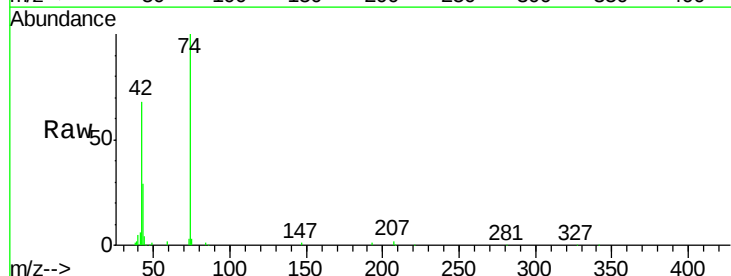
Instrument :
 BNA_F
 ClientSampleId :

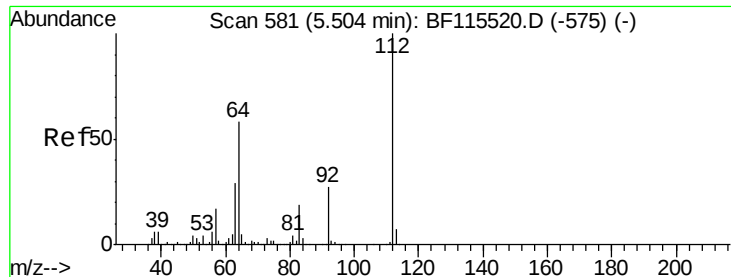
Tot Ion	Ratio	Lower	Upper
79	100		
52	61.2	47.8	71.6
51	30.4	23.8	35.8



#4
 n-Nitrosodimethylamine
 Concen: 39.104 ng
 RT: 3.36 min Scan# 217
 Delta R.T. -0.05 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.7	127.5	191.3
44	6.4	5.0	7.6





#5

2-Fluorophenol

Concen: 79.366 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

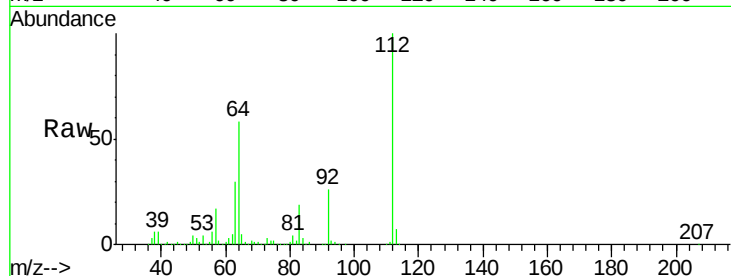
Tot Ion:112 Resp: 796211

Ion Ratio Lower Upper

112 100

64 57.8 46.8 70.2

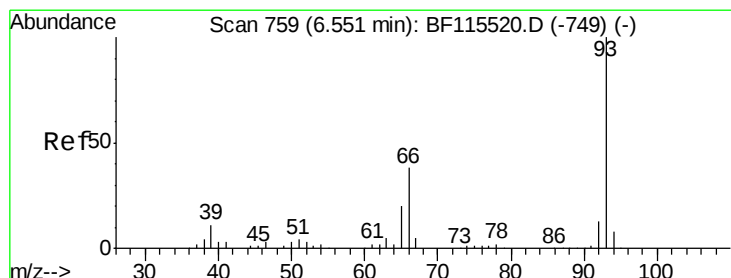
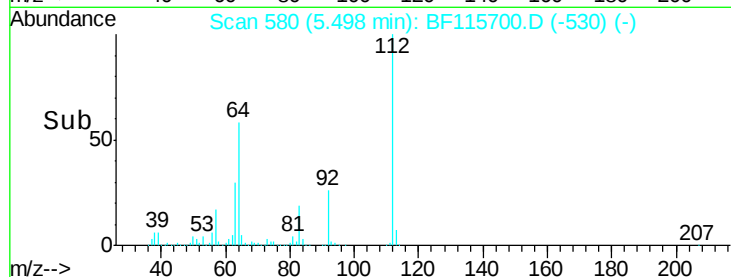
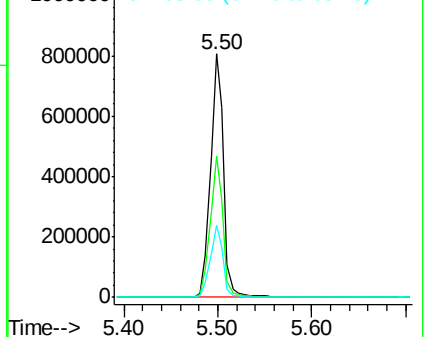
63 29.7 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.409 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

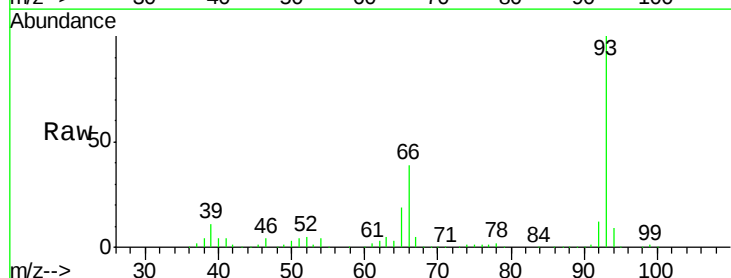
Tgt Ion: 93 Resp: 698125

Ion Ratio Lower Upper

93 100

66 38.5 31.7 47.5

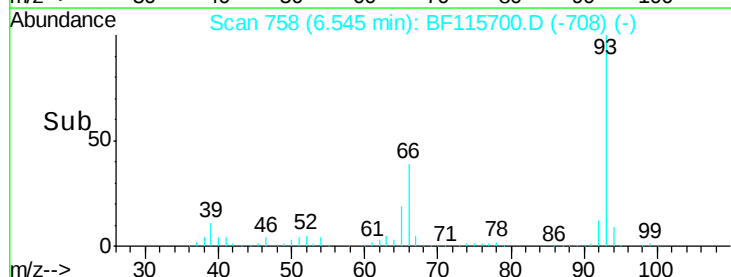
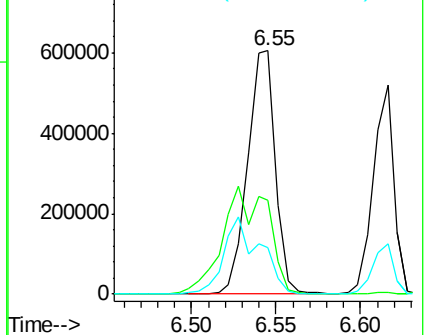
65 19.3 16.2 24.2

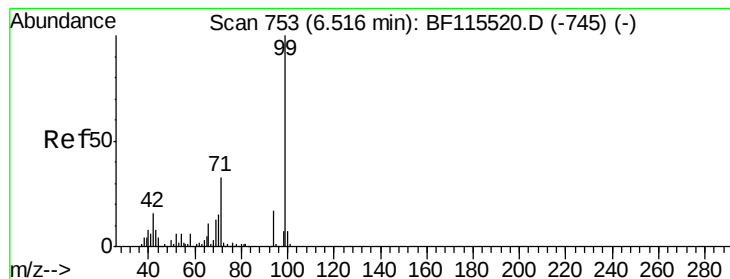


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.337 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

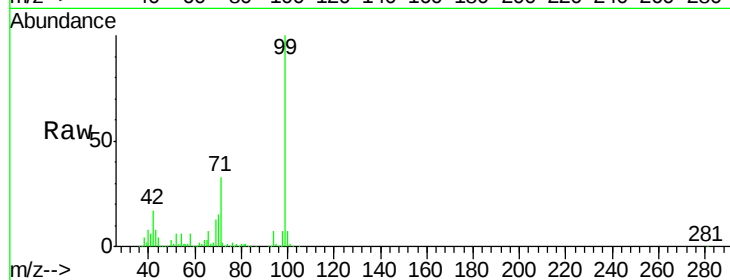
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1009927

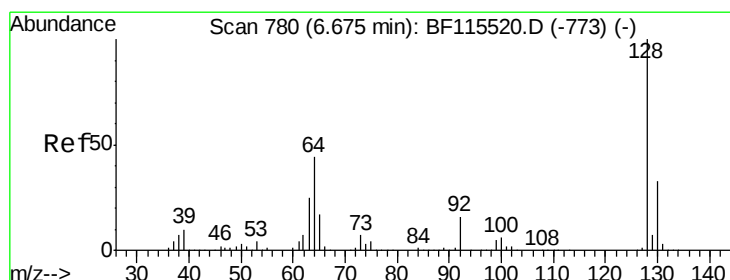
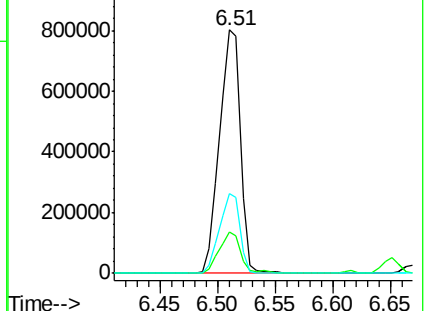
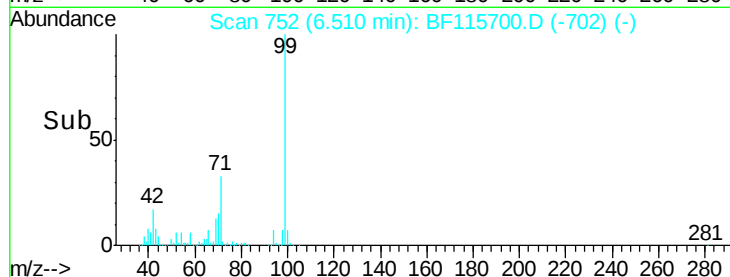
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	32.9	28.5	42.7



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: 39.511 ng

RT: 6.67 min Scan# 779

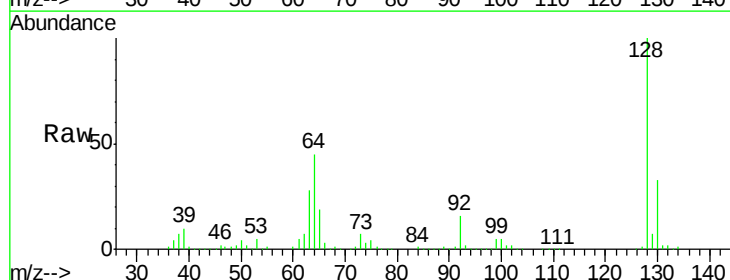
Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Tgt Ion: 128 Resp: 455724

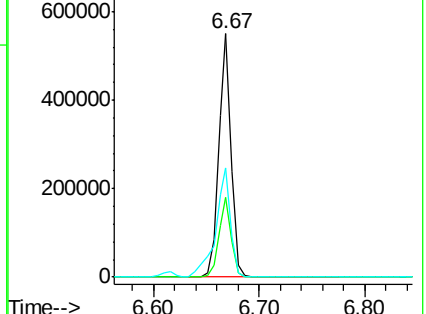
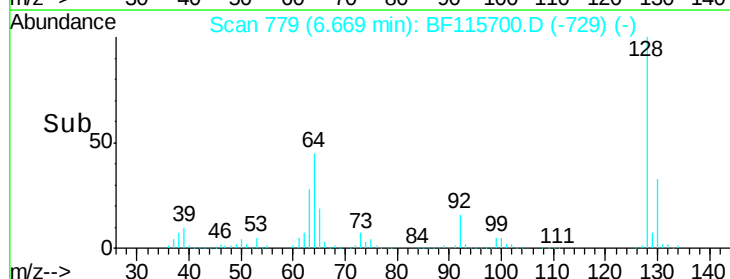
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.8	52.8
64	44.8	26.8	66.8

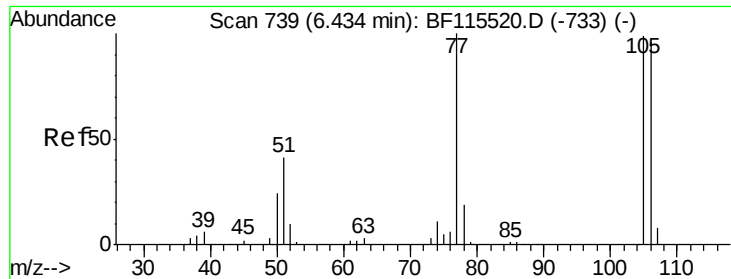


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.290 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

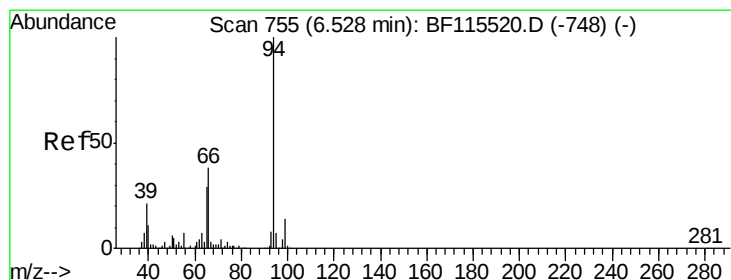
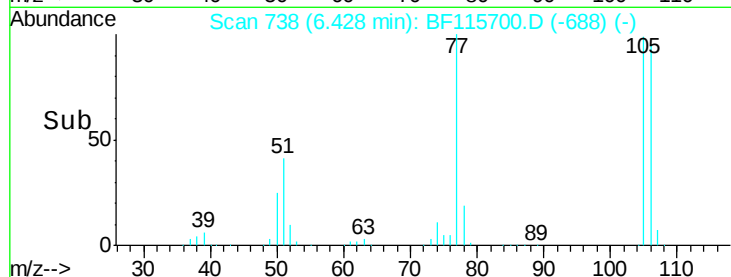
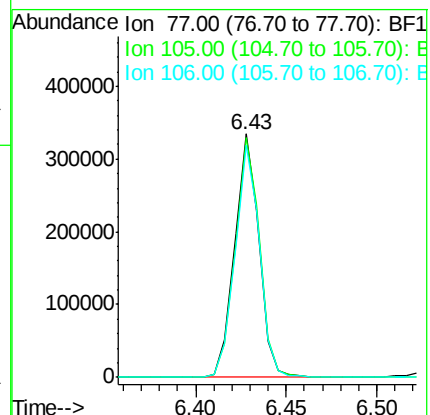
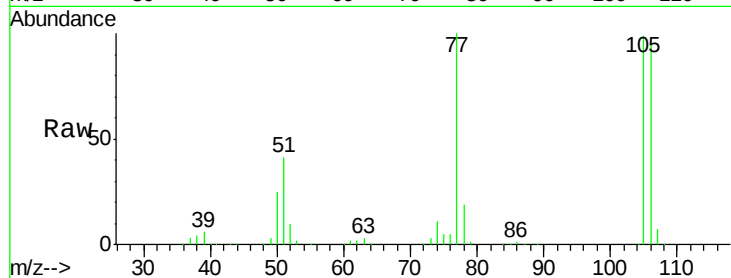
Tot Ion: 77 Resp: 312541

Ion Ratio Lower Upper

77 100

105 98.6 78.8 118.8

106 95.1 75.6 115.6



#10

Phenol

Concen: 40.217 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

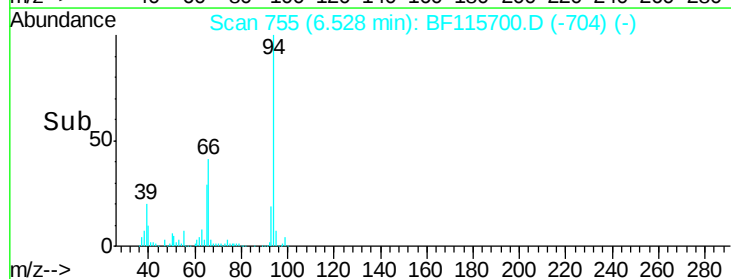
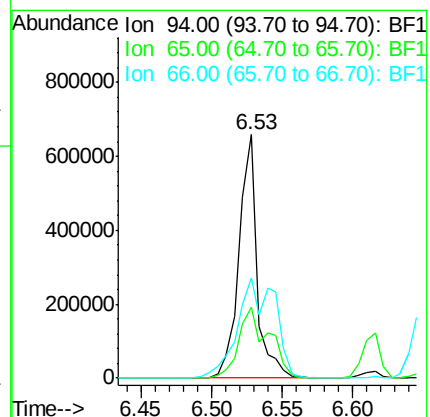
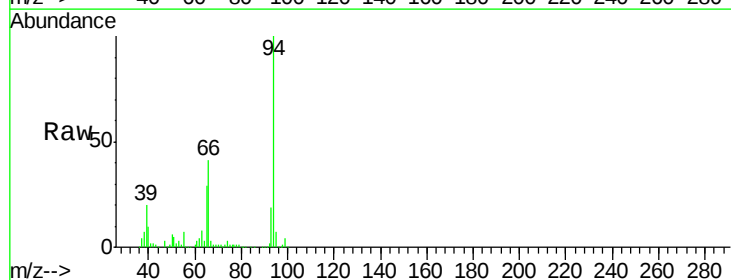
Tgt Ion: 94 Resp: 594299

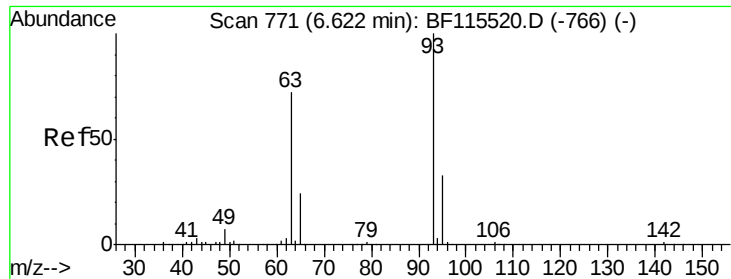
Ion Ratio Lower Upper

94 100

65 29.3 14.5 54.5

66 41.0 31.3 71.3

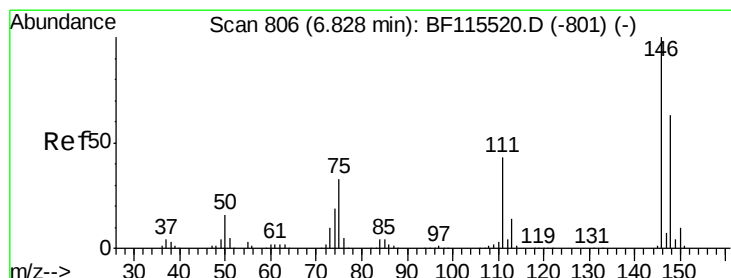
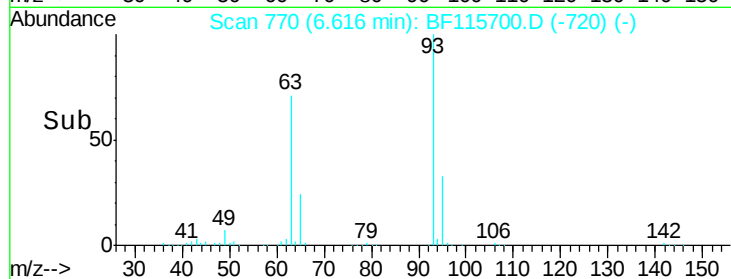
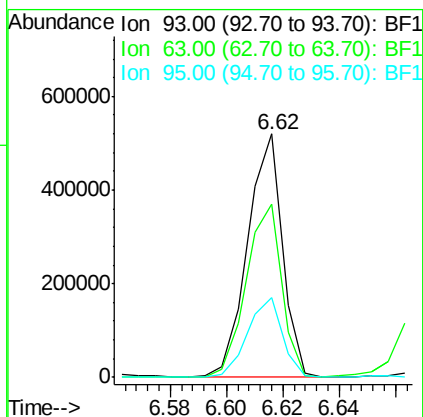
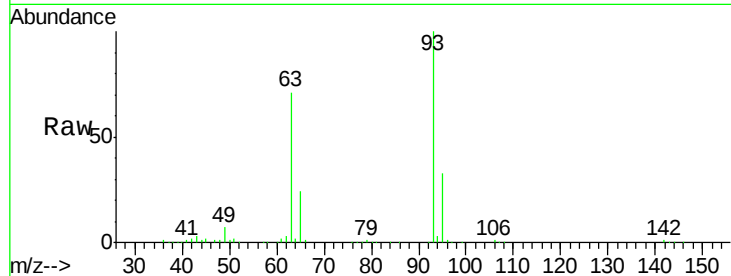




#11
bis(2-Chloroethyl)ether
Concen: 39.317 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

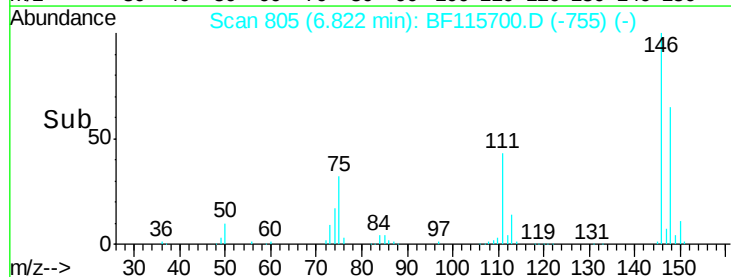
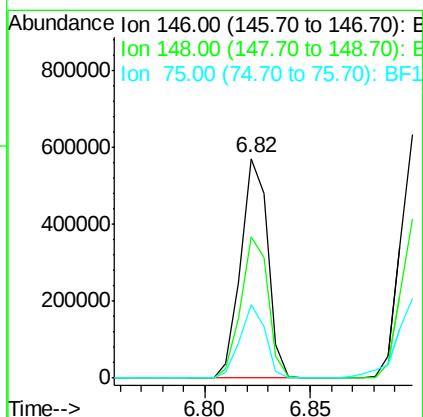
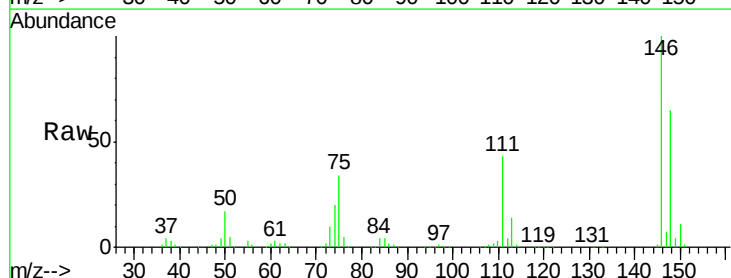
Instrument :
BNA_F
ClientSampleId :

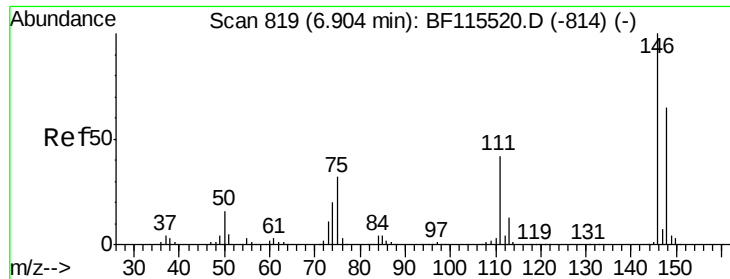
Tot Ion: 93 Resp: 442344
Ion Ratio Lower Upper
93 100
63 70.9 52.2 92.2
95 32.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.022 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion: 146 Resp: 506036
Ion Ratio Lower Upper
146 100
148 64.6 52.1 78.1
75 33.6 24.9 37.3

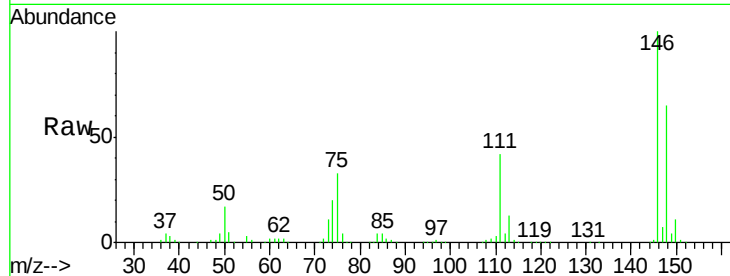




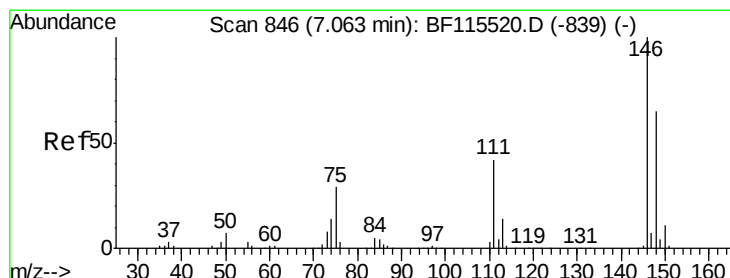
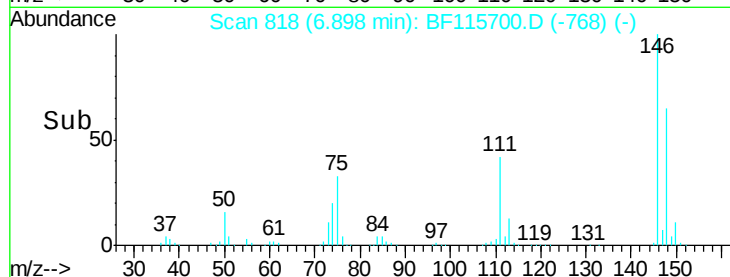
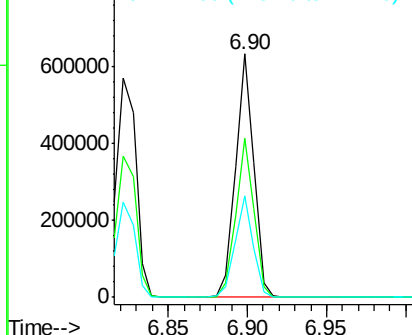
#13
 1,4-Dichlorobenzene
 Concen: 39.072 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 505545
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.8 77.6
 111 41.6 35.5 53.3

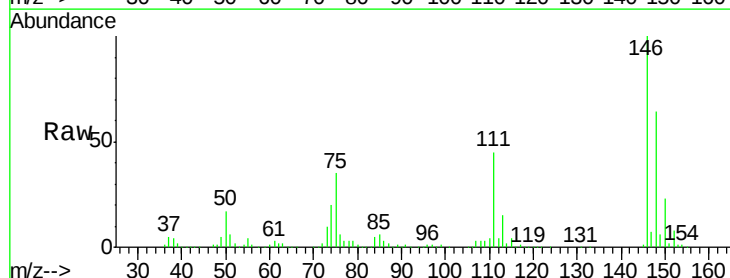


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

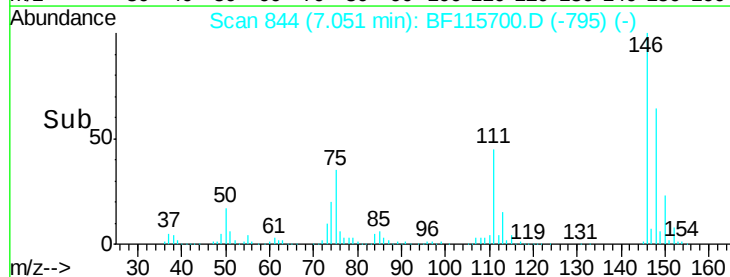
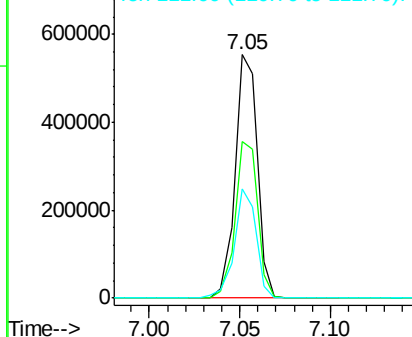


#14
 1,2-Dichlorobenzene
 Concen: 39.977 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Tgt Ion:146 Resp: 472838
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 44.9 37.6 56.4



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





#15

Benzyl Alcohol

Concen: 37.901 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampled :

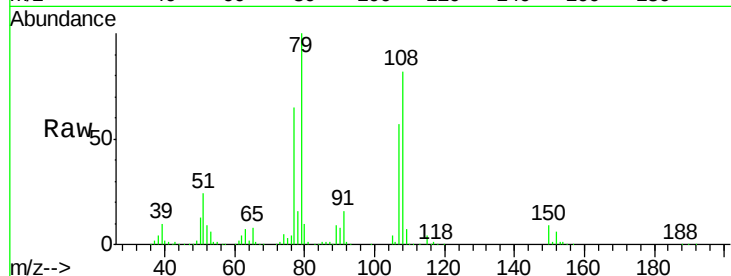
Tot Ion: 79 Resp: 382728

Ion Ratio Lower Upper

79 100

108 82.1 64.2 96.4

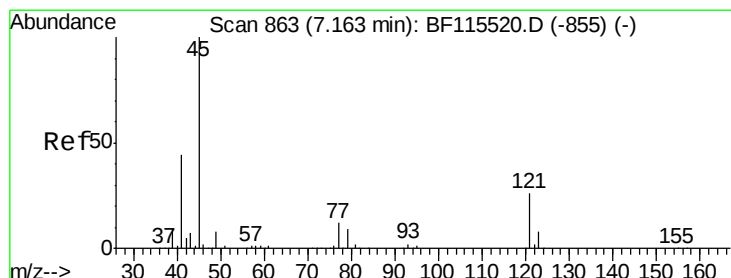
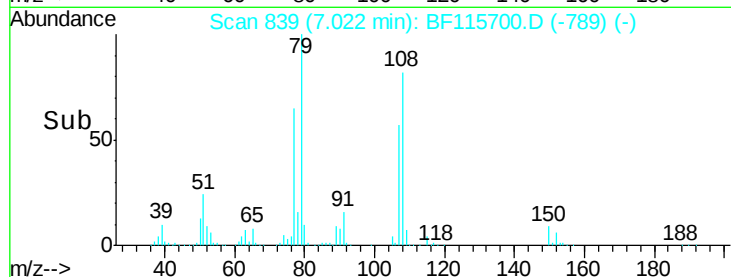
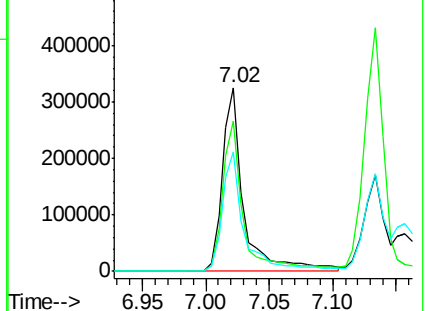
77 64.7 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.947 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

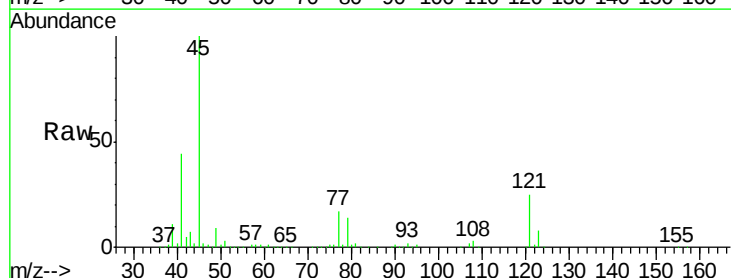
Tgt Ion: 45 Resp: 606503

Ion Ratio Lower Upper

45 100

77 17.4 0.0 38.1

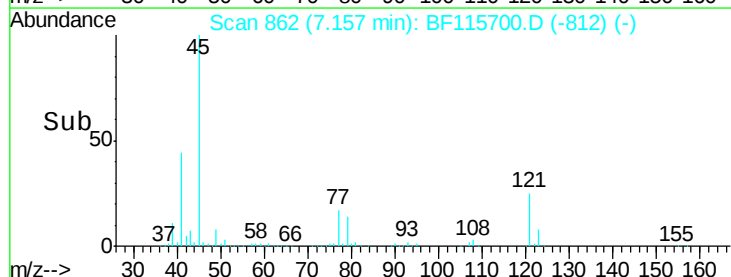
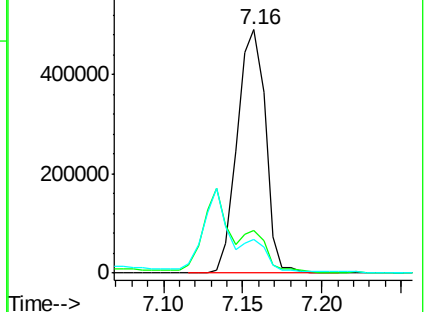
79 13.8 0.0 34.1



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

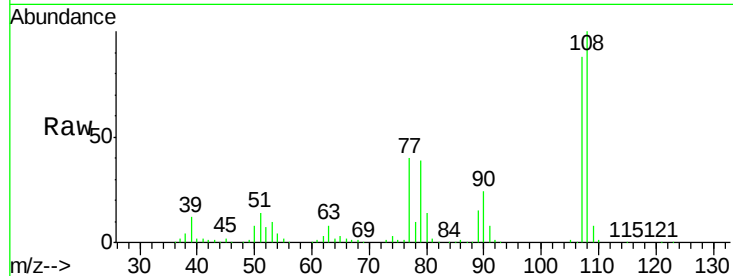




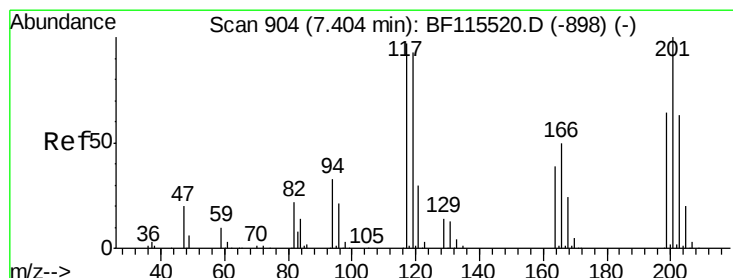
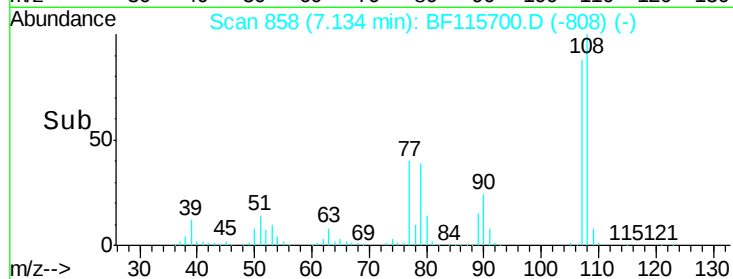
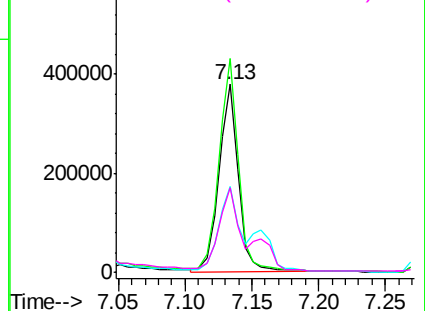
#17
2-Methylphenol
Concen: 39.235 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	389995
Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.4	134.2
77	45.4	35.7	53.5
79	44.8	35.0	52.4

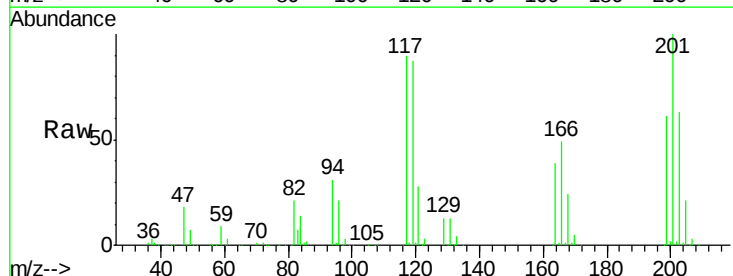


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

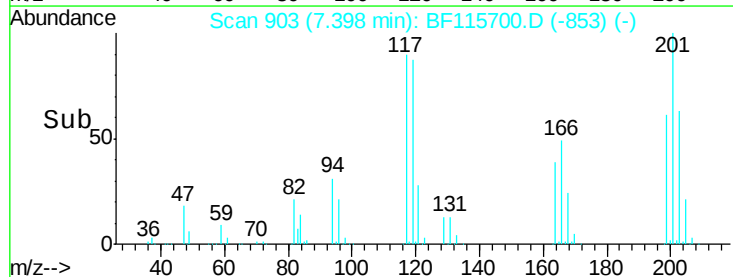
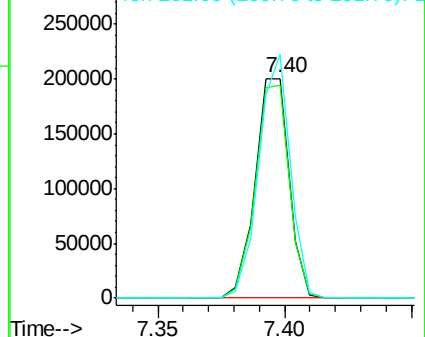


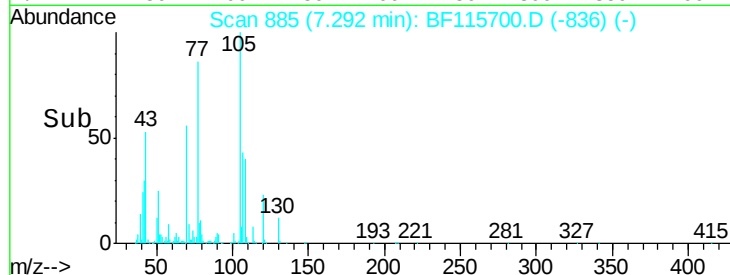
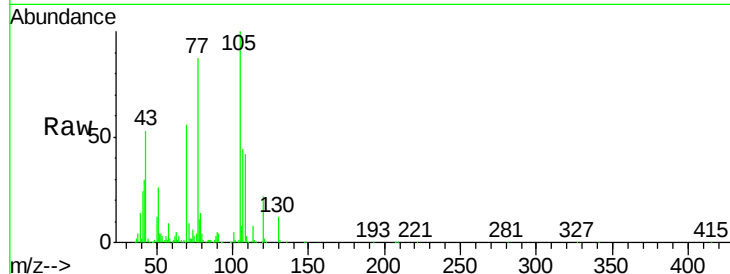
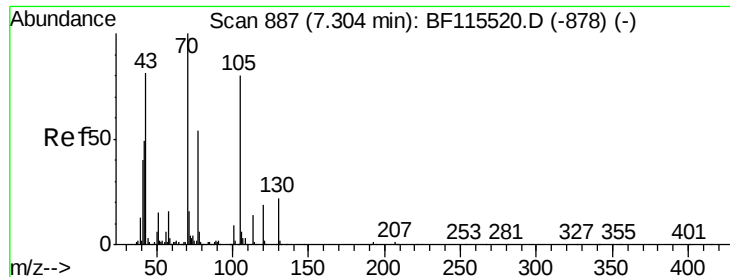
#18
Hexachloroethane
Concen: 39.146 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion:	117	Resp:	188000
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.7	116.5
201	110.7	86.0	129.0



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

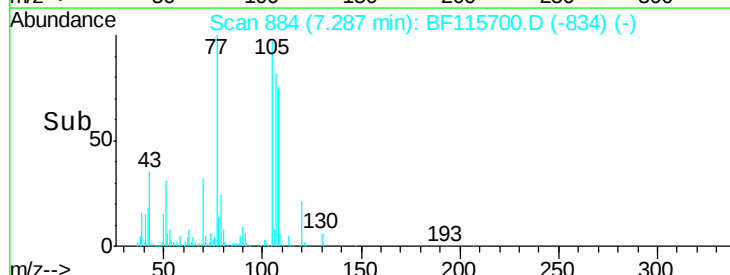
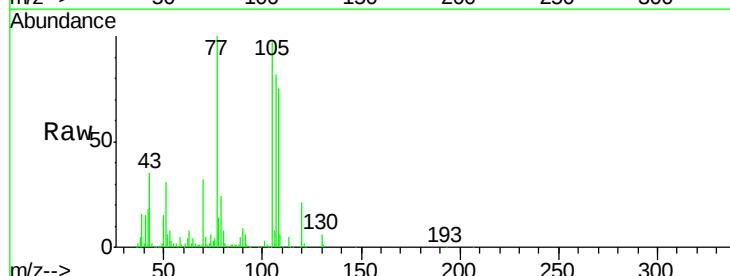
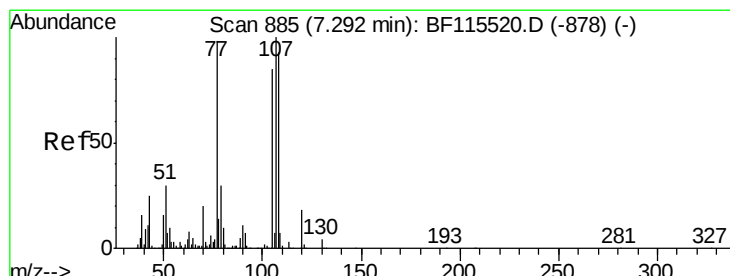
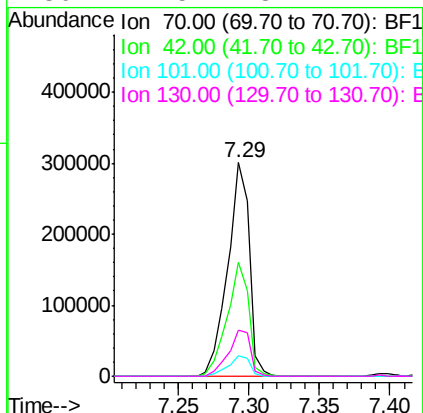




#19
n-Nitroso-di-n-propylamine
Concen: 38.625 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

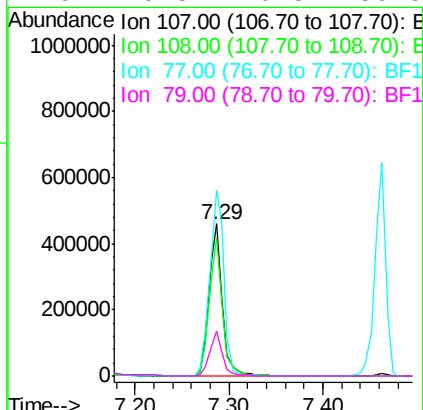
Instrument :
BNA_F
ClientSampleId :

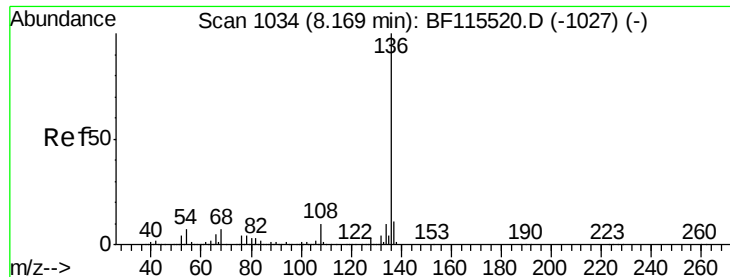
Tot Ion:	70	Resp:	320667
Ion	Ratio	Lower	Upper
70	100		
42	53.2	39.6	59.4
101	9.5	8.1	12.1
130	21.5	18.2	27.2



#20
3+4-Methylphenols
Concen: 38.766 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion:	107	Resp:	457706
Ion	Ratio	Lower	Upper
107	100		
108	91.2	72.9	112.9
77	122.3	77.6	117.6#
79	29.5	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 700194

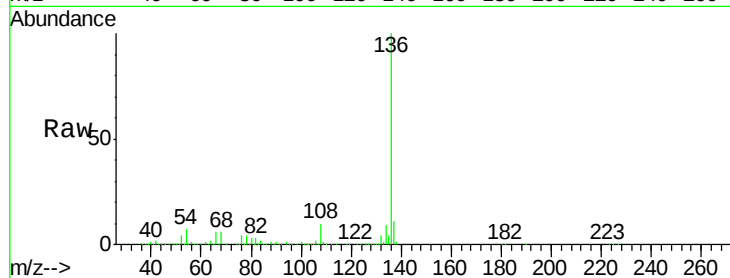
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.4 5.6 8.4

68 6.3 5.0 7.6

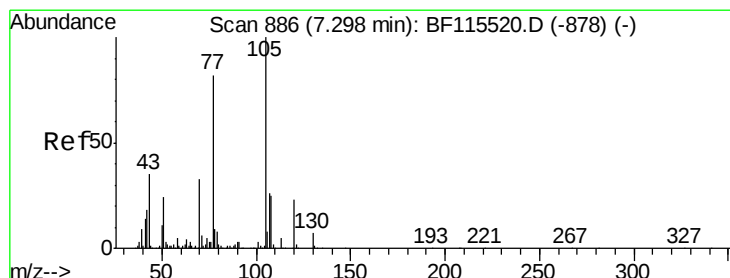
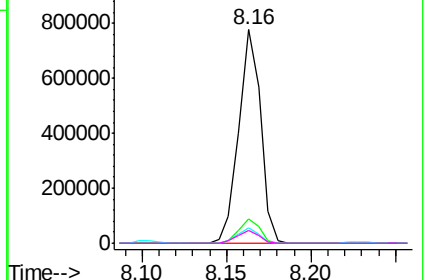
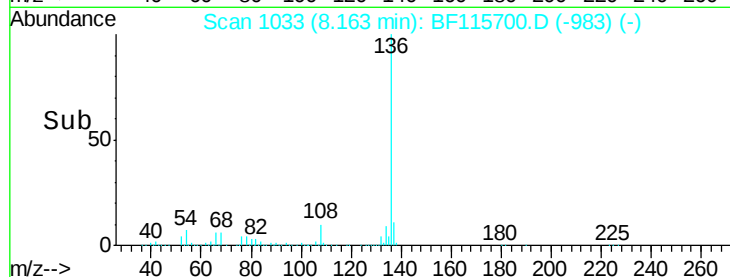


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.191 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Tgt Ion:105 Resp: 604114

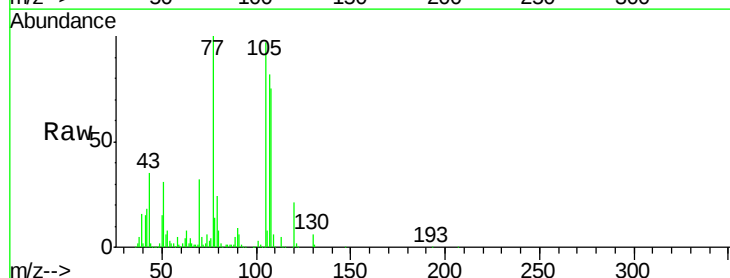
Ion Ratio Lower Upper

105 100

71 5.6 3.5 5.3#

51 32.4 25.6 38.4

120 21.9 17.9 26.9

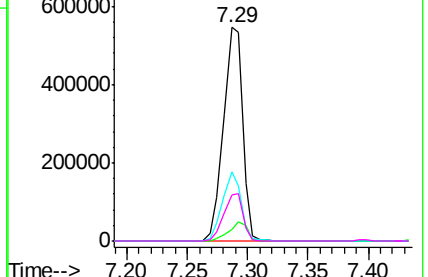
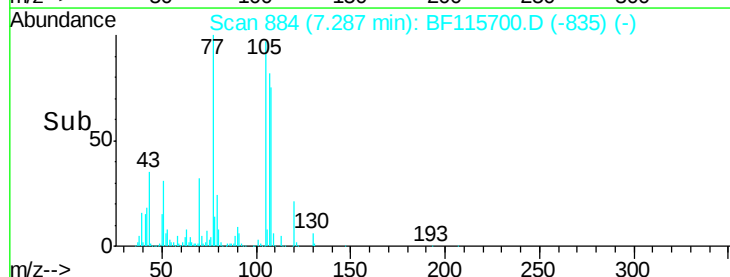


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

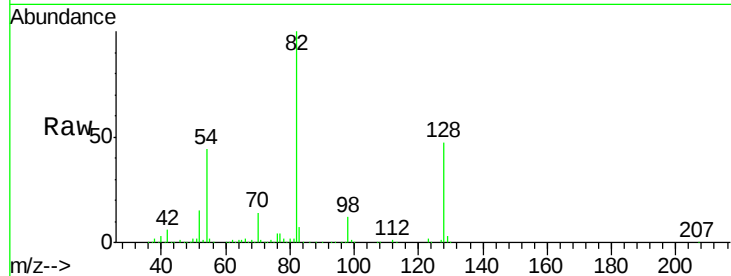




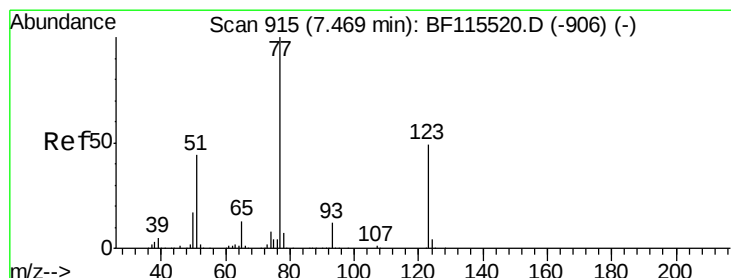
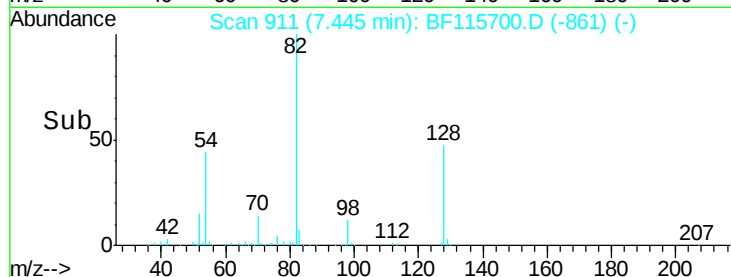
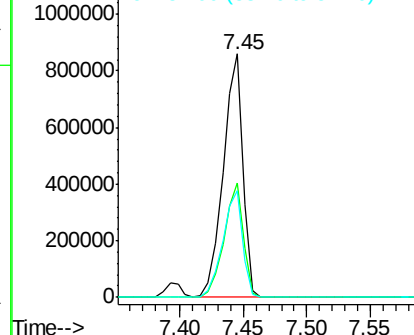
#23
 Nitrobenzene-d5
 Concen: 76.849 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	925401
Ion Ratio	100		
Lower			
Upper			
128	47.1	38.6	57.8
54	43.7	35.6	53.4

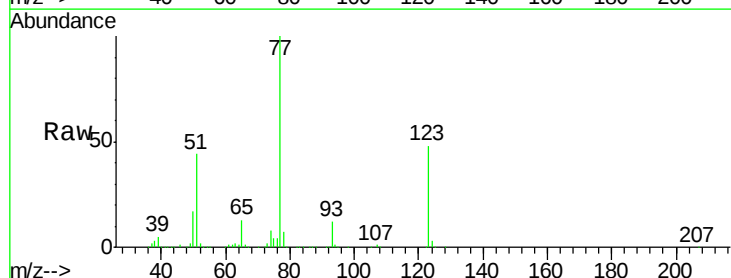


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

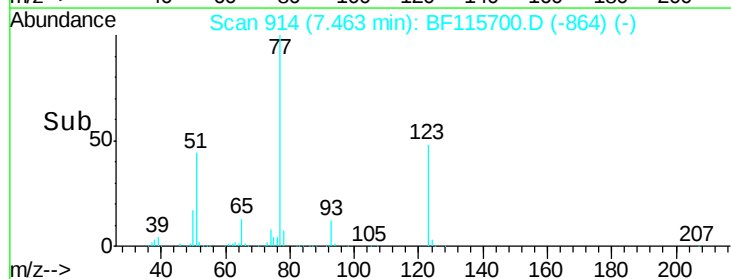
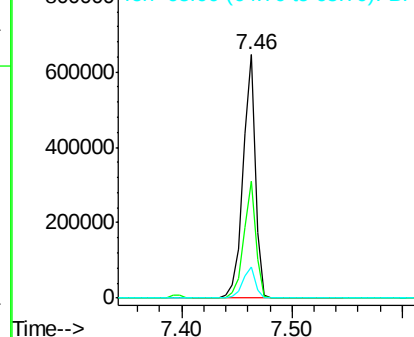


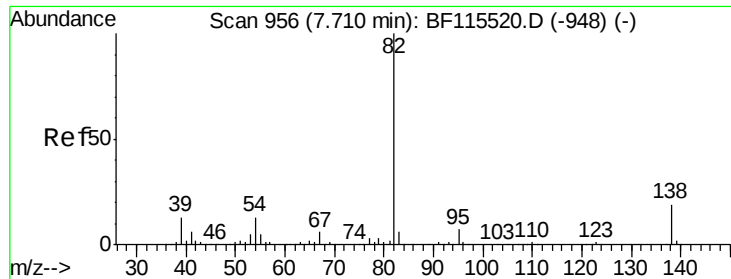
#24
 Nitrobenzene
 Concen: 39.206 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Tgt Ion	77	Resp	509218
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
123	47.8	40.0	60.0
65	13.0	11.0	16.4



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

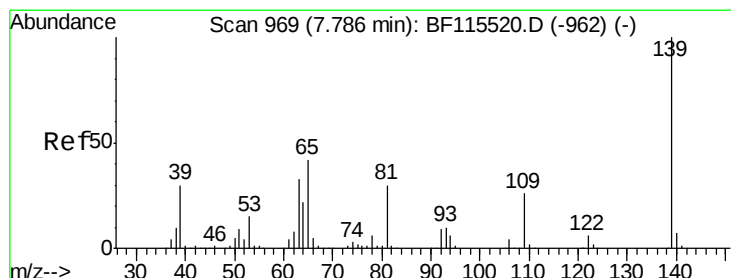
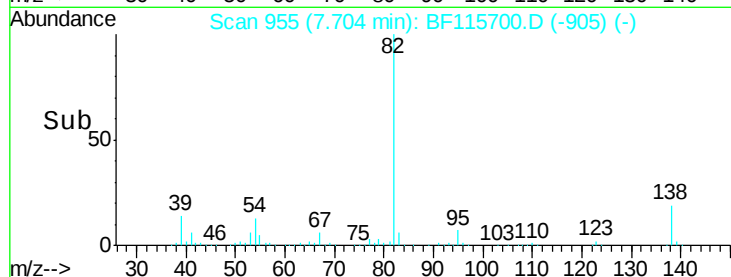
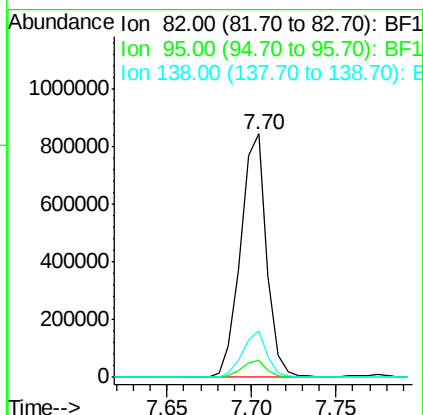
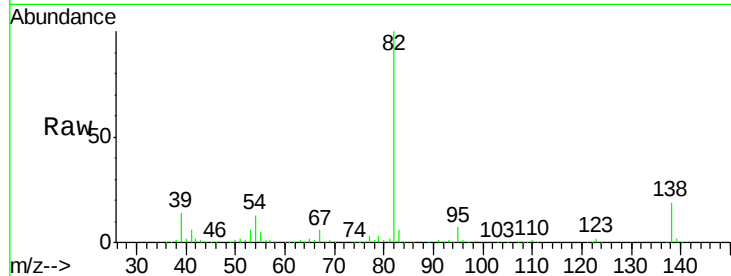




#25
Isophorone
Concen: 37.746 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

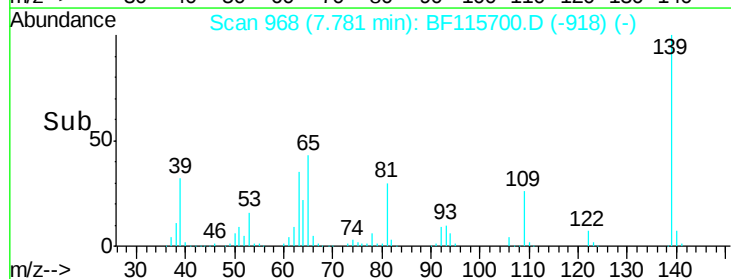
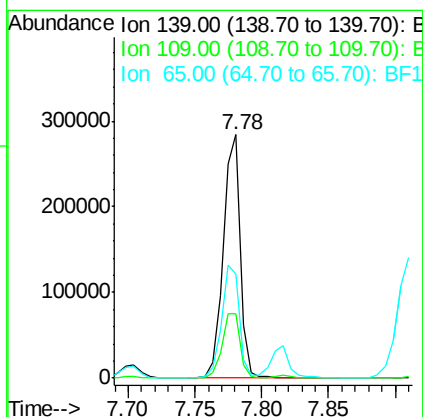
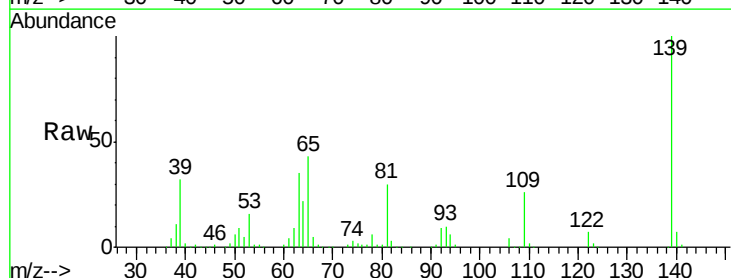
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 909514
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 19.1 14.9 22.3



#26
2-Nitrophenol
Concen: 38.330 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion: 139 Resp: 256245
Ion Ratio Lower Upper
139 100
109 26.5 23.3 34.9
65 42.5 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 36.477 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

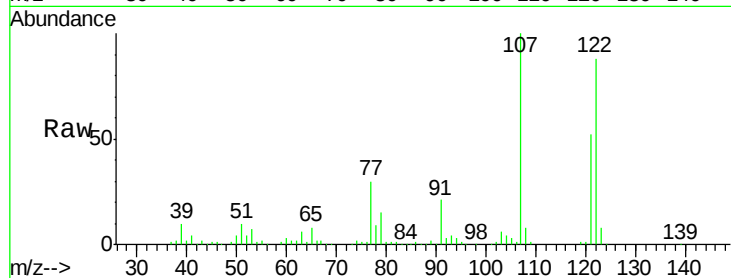
Tot Ion:122 Resp: 364871

Ion Ratio Lower Upper

122 100

107 113.2 92.9 139.3

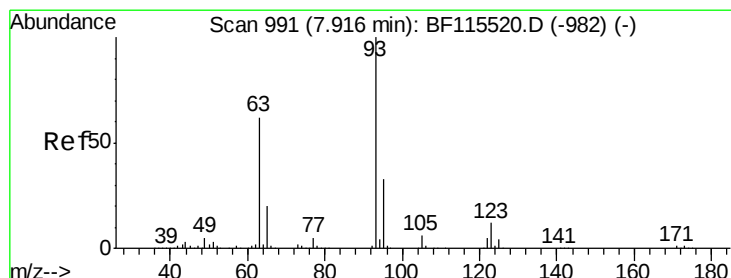
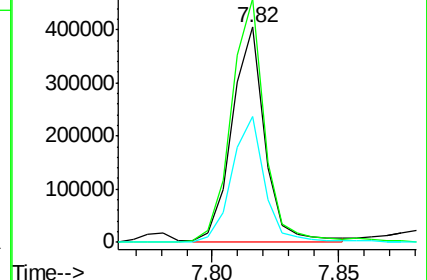
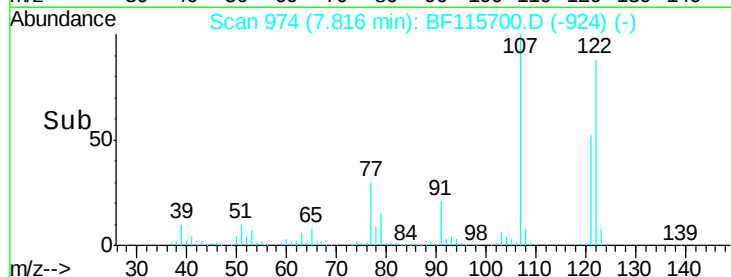
121 58.3 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.015 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

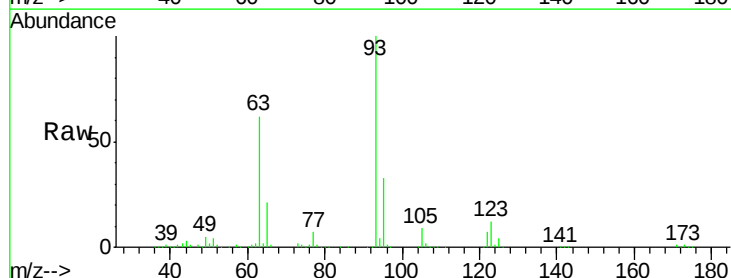
Tgt Ion: 93 Resp: 576729

Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

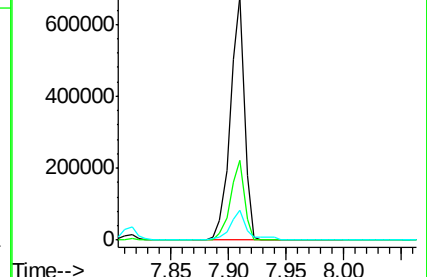
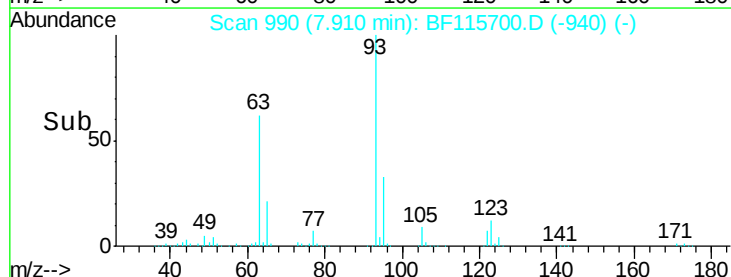
123 12.0 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.644 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

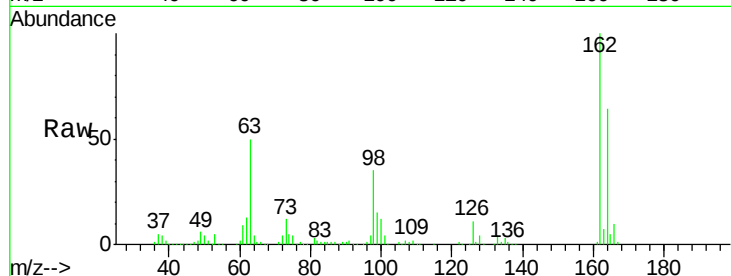
Tot Ion:162 Resp: 402010

Ion Ratio Lower Upper

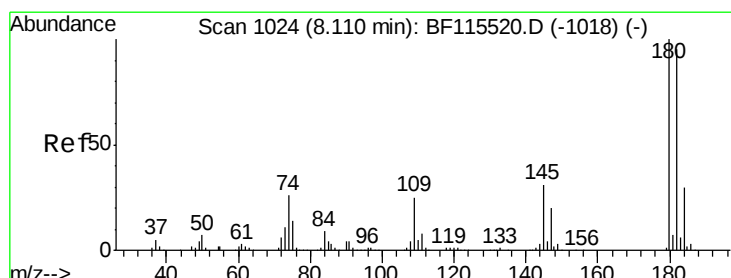
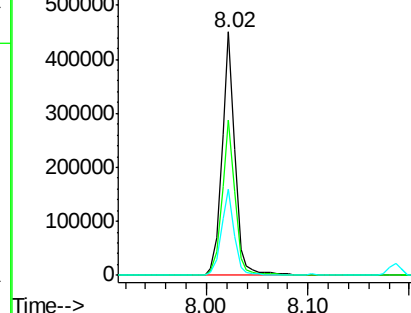
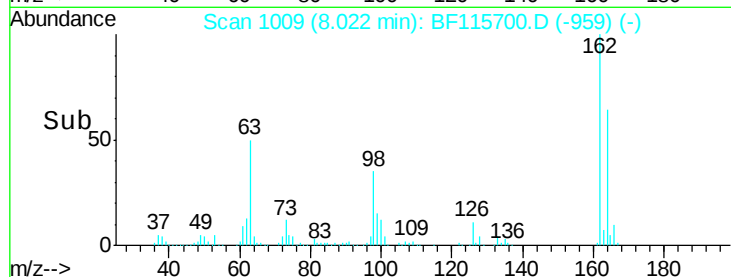
162 100

164 64.0 44.9 84.9

98 35.3 17.7 57.7



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



#30

1,2,4-Trichlorobenzene

Concen: 37.970 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

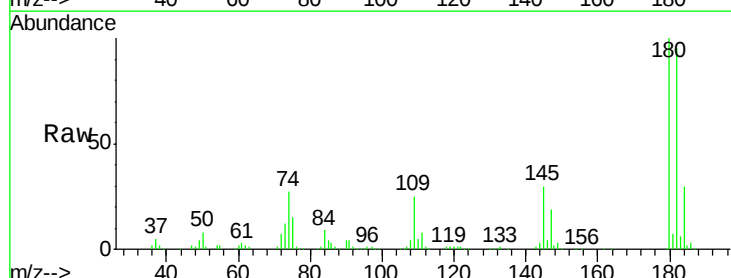
Tgt Ion:180 Resp: 446486

Ion Ratio Lower Upper

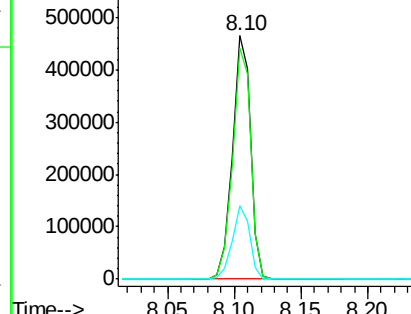
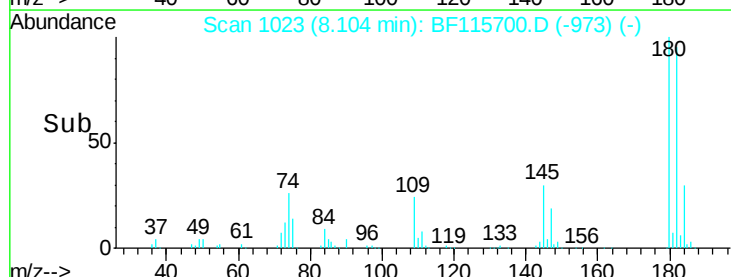
180 100

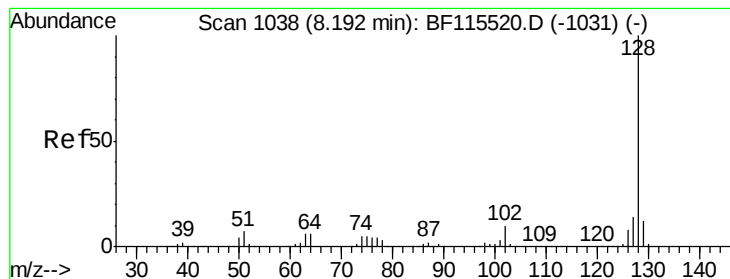
182 94.9 75.0 112.6

145 30.3 25.1 37.7



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: 38.778 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

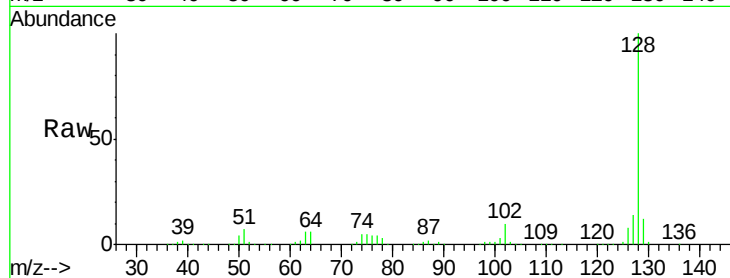
Tot Ion:128 Resp: 1314974

Ion Ratio Lower Upper

128 100

129 11.6 9.9 14.9

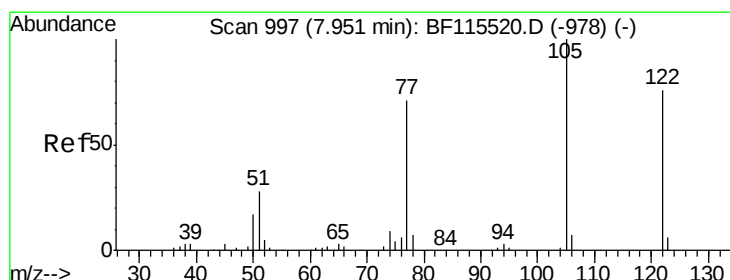
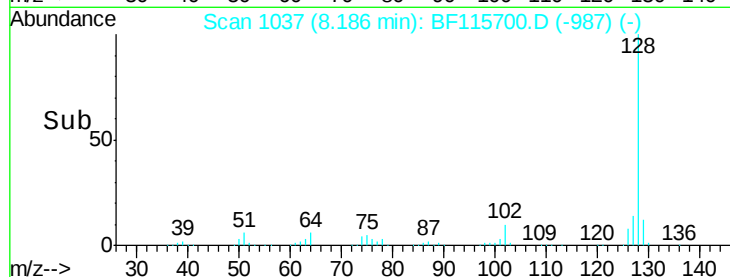
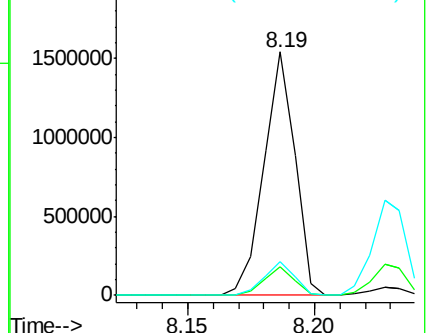
127 13.8 12.1 18.1



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: 33.803 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

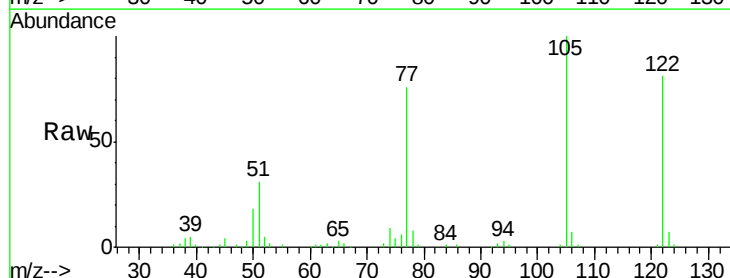
Tgt Ion:122 Resp: 277486

Ion Ratio Lower Upper

122 100

105 123.0 102.5 142.5

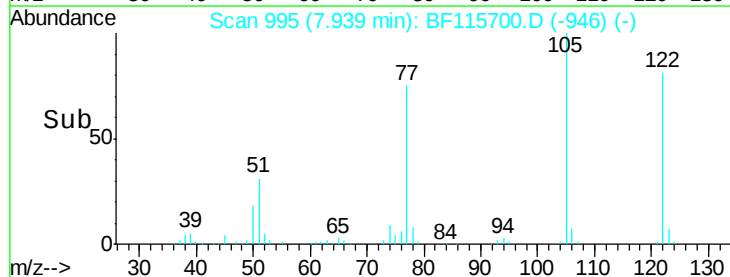
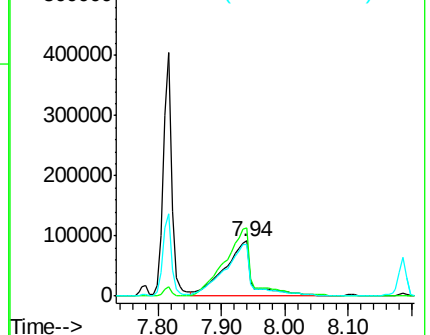
77 93.0 70.2 110.2



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

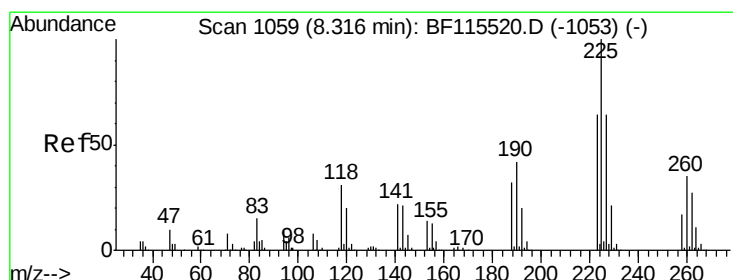
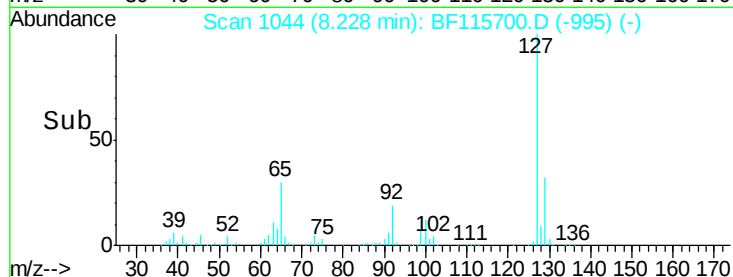
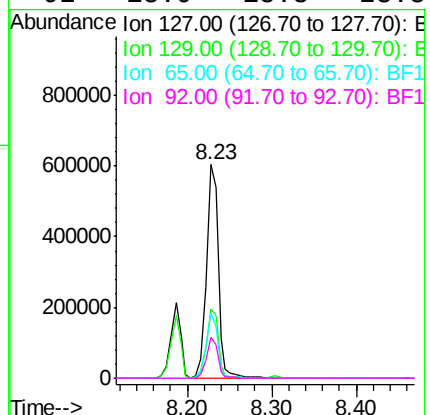
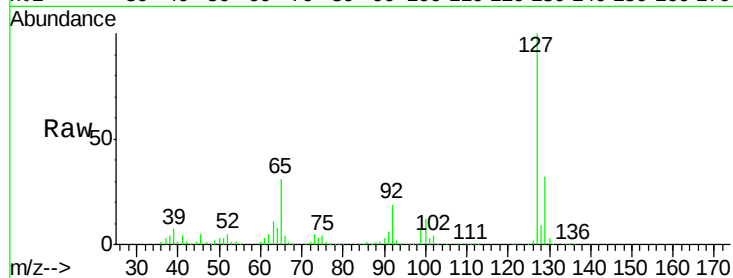




#33
4-Chloroaniline
Concen: 38.859 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

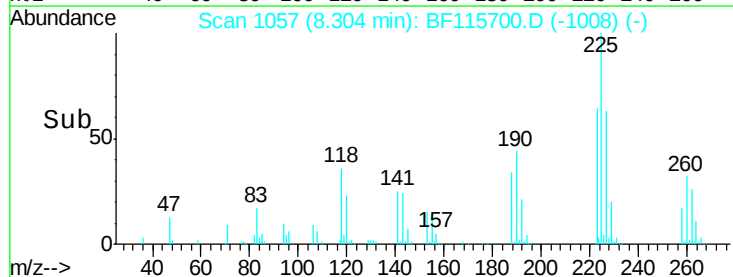
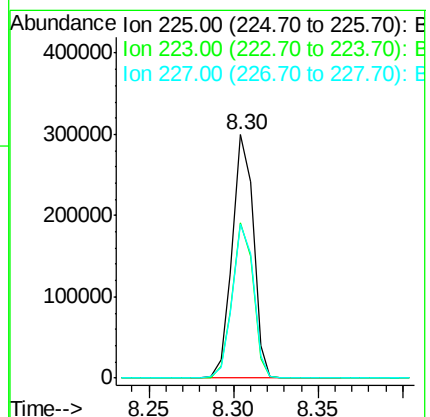
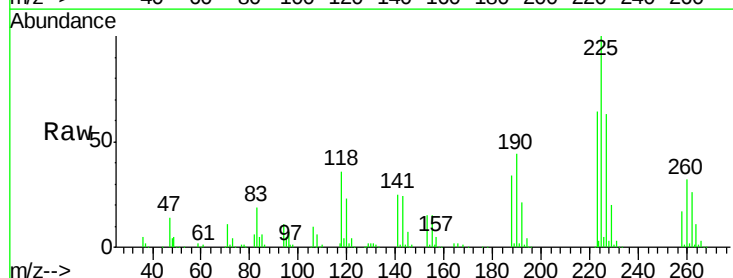
Instrument :
BNA_F
ClientSampleId :

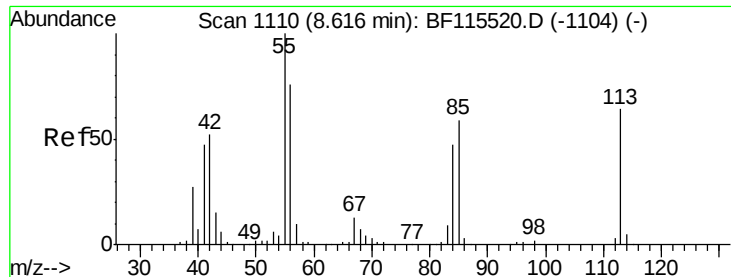
Tot Ion:	127	Resp:	583688
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	30.8	23.7	35.5
92	18.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.607 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion:	225	Resp:	260338
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.9	76.3
227	63.3	50.7	76.1

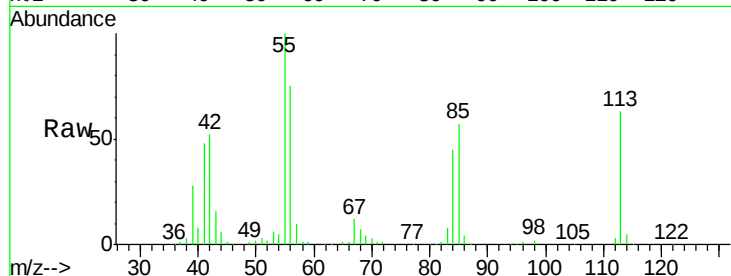




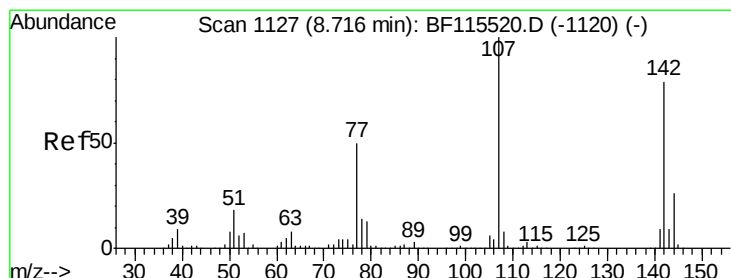
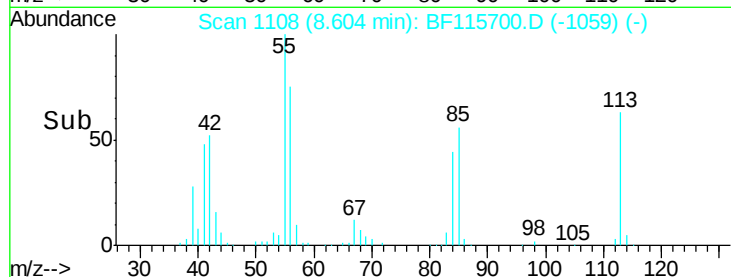
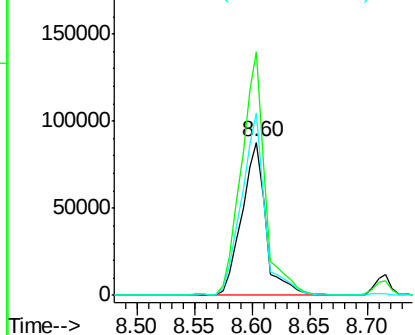
#35
Caprolactam
Concen: 39.055 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 125546
Ion Ratio Lower Upper
113 100
55 158.9 126.9 166.9
56 118.9 90.3 130.3

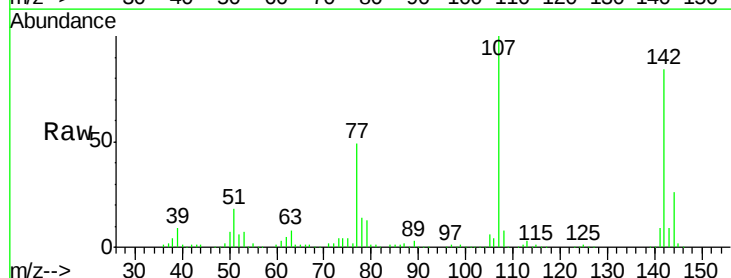


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

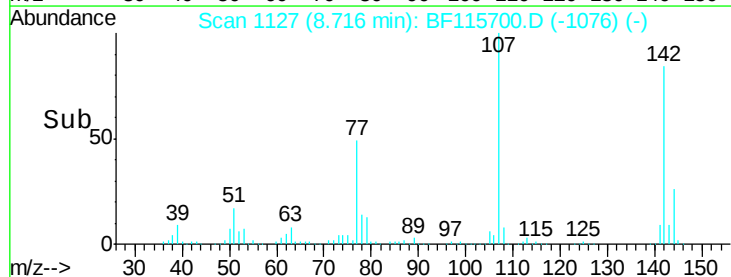
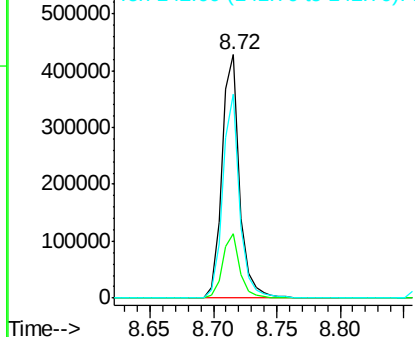


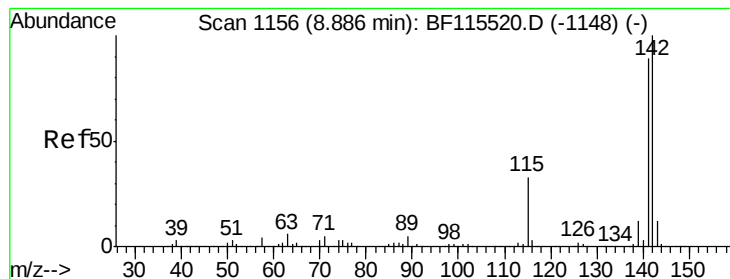
#36
4-Chloro-3-methylphenol
Concen: 38.650 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion:107 Resp: 417067
Ion Ratio Lower Upper
107 100
144 26.4 20.6 30.8
142 84.0 63.1 94.7



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: 38.712 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

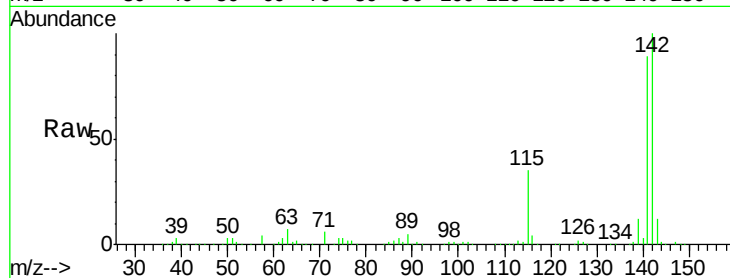
Tot Ion:142 Resp: 870167

Ion Ratio Lower Upper

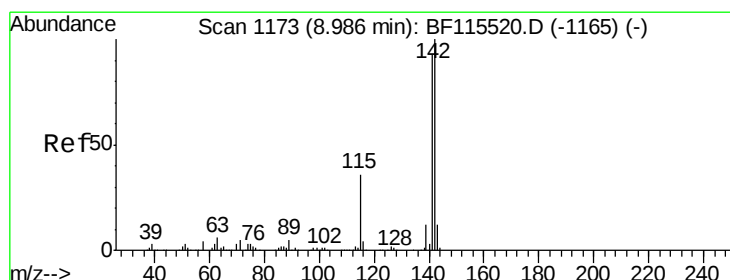
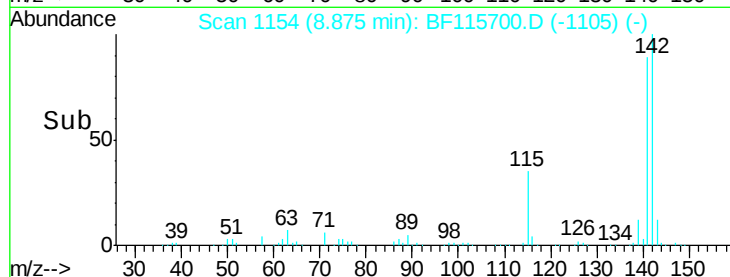
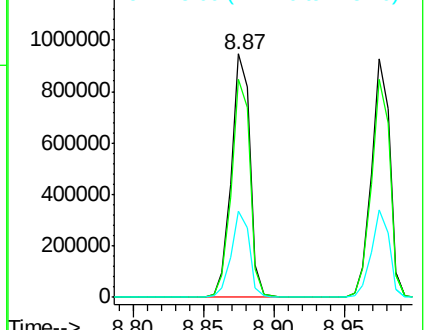
142 100

141 89.3 72.0 108.0

115 35.3 29.9 44.9



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: 39.329 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

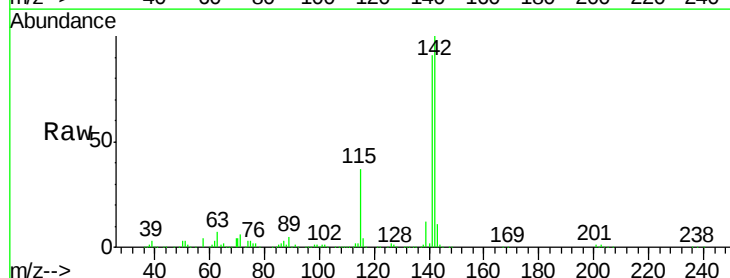
Tgt Ion:142 Resp: 839710

Ion Ratio Lower Upper

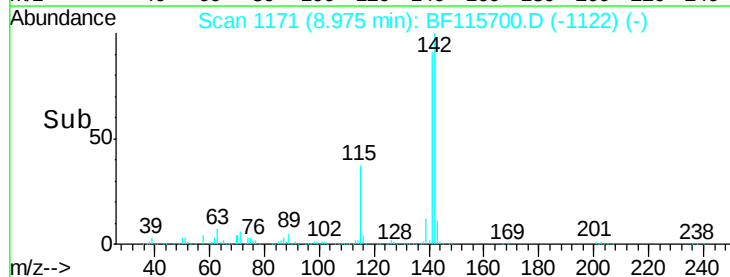
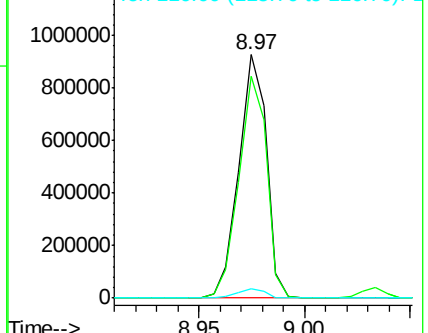
142 100

141 91.4 75.3 112.9

116 3.8 3.3 4.9



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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

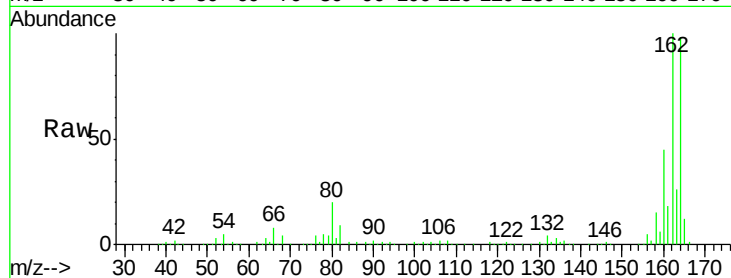
Tot Ion:164 Resp: 356612

Ion Ratio Lower Upper

164 100

162 102.4 82.9 124.3

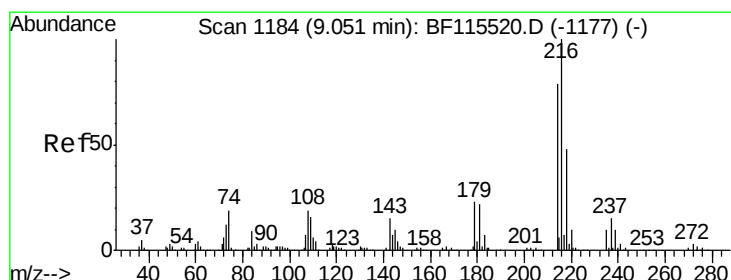
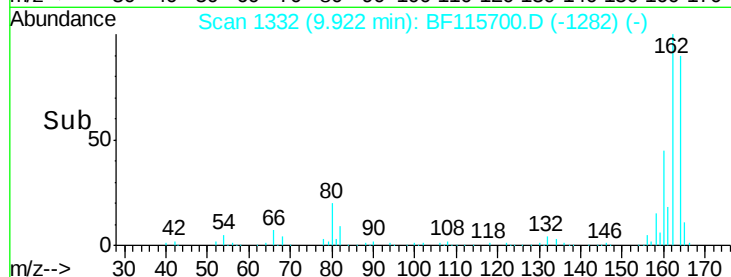
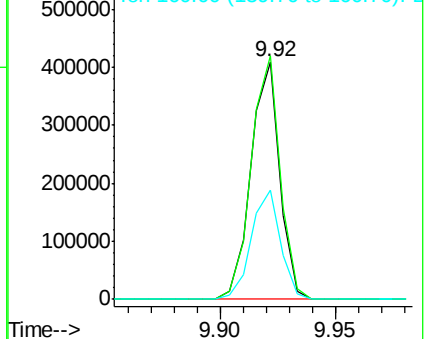
160 46.0 36.8 55.2



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: 37.506 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Tgt Ion:216 Resp: 402767

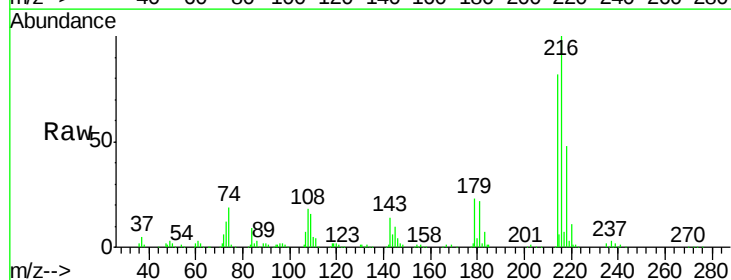
Ion Ratio Lower Upper

216 100

214 80.0 65.1 97.7

179 22.3 18.3 27.5

108 20.3 15.7 23.5

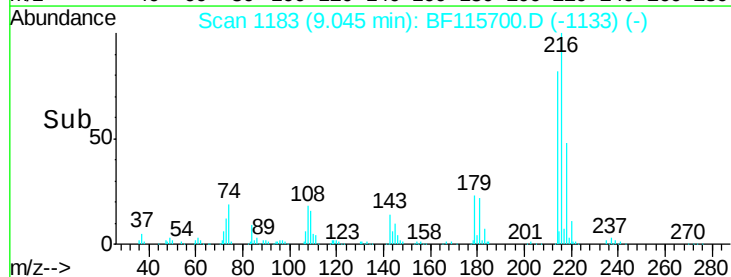
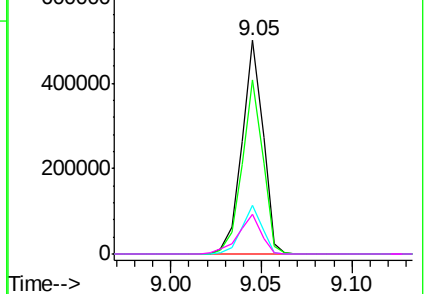


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.303 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

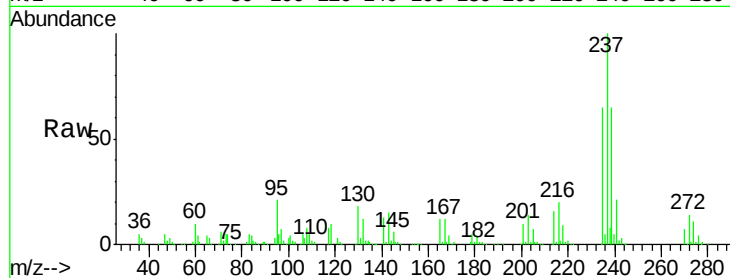
Tot Ion:237 Resp: 246888

Ion Ratio Lower Upper

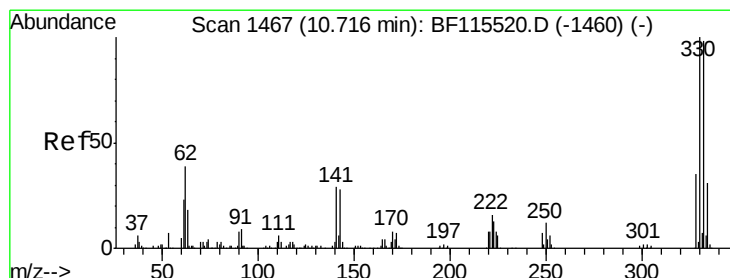
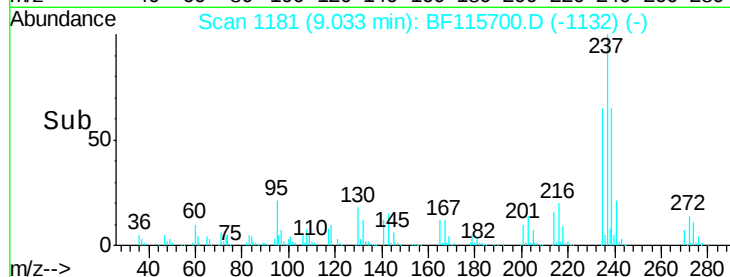
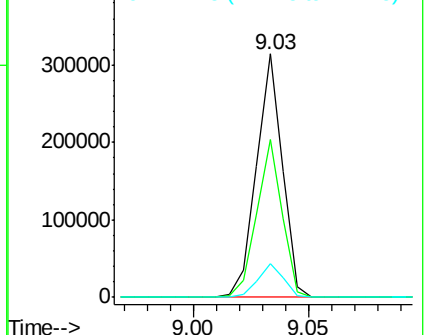
237 100

235 64.9 43.6 83.6

272 13.7 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 75.076 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

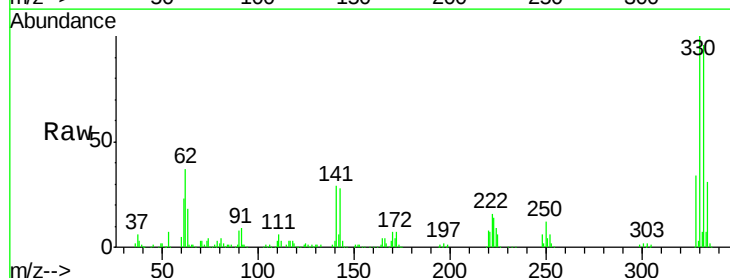
Tgt Ion:330 Resp: 312504

Ion Ratio Lower Upper

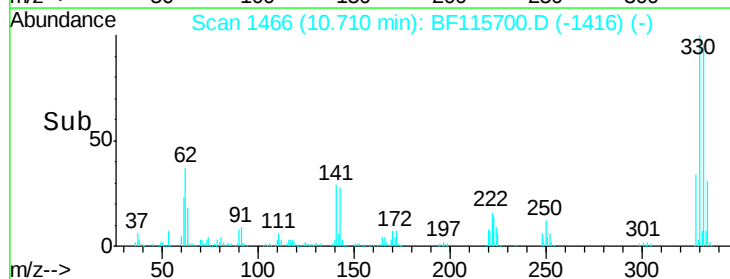
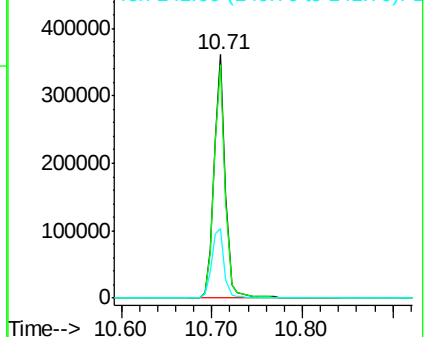
330 100

332 96.5 77.4 116.2

141 32.1 22.4 33.6



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

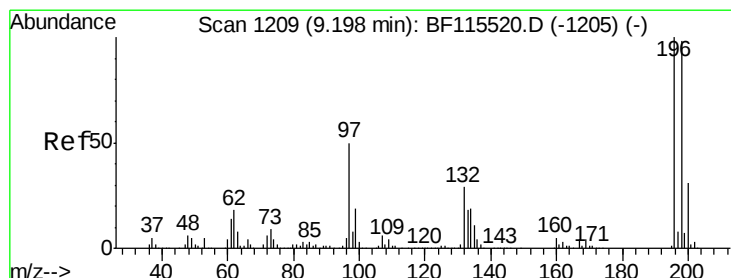
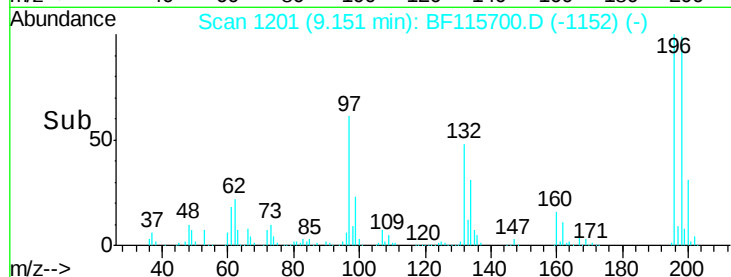
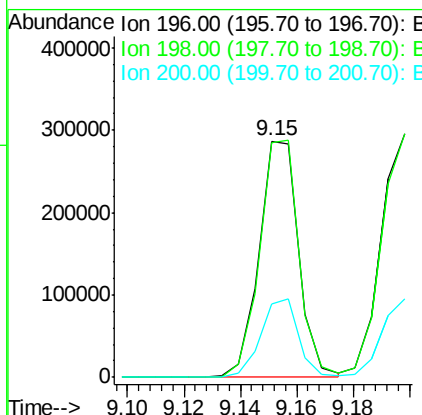
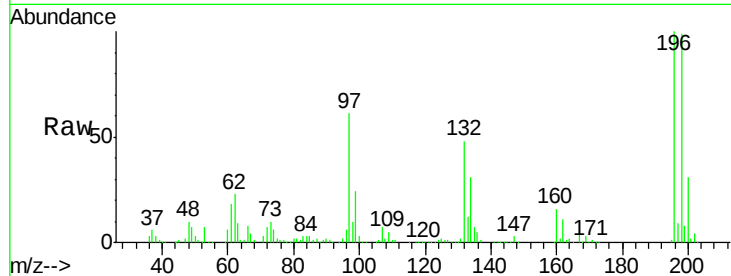




#43
 2,4,6-Trichlorophenol
 Concen: 35.381 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

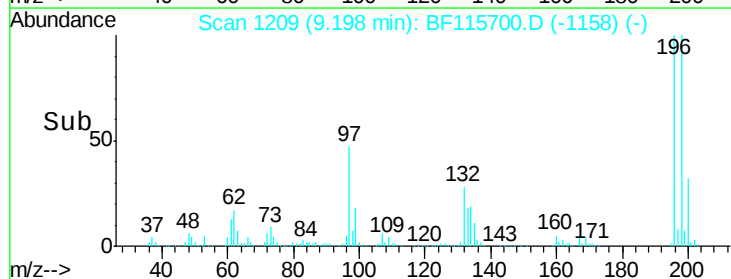
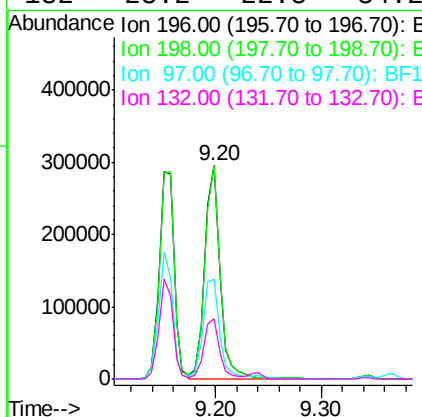
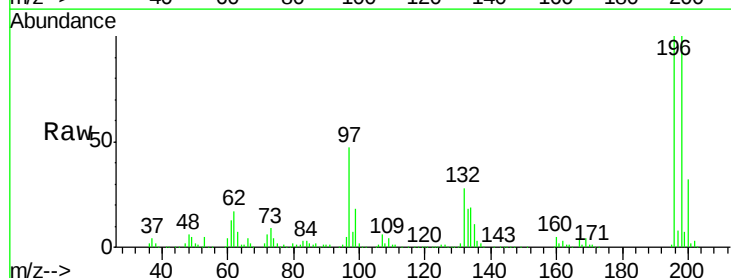
Instrument :
 BNA_F
 ClientSampled :

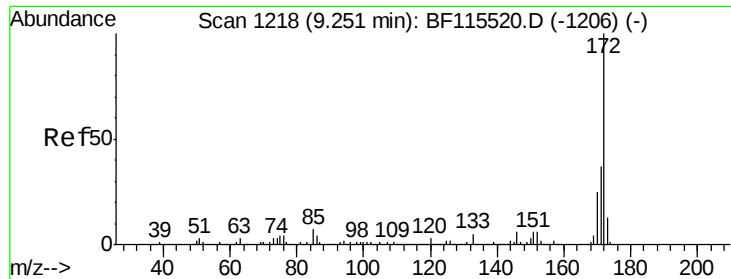
Tot Ion	196	Resp	277856
Ion	Ratio	Lower	Upper
196	100		
198	99.4	80.6	121.0
200	31.3	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.243 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Tgt Ion	196	Resp	299526
Ion	Ratio	Lower	Upper
196	100		
198	99.8	79.6	119.4
97	46.7	37.8	56.6
132	28.2	22.8	34.2

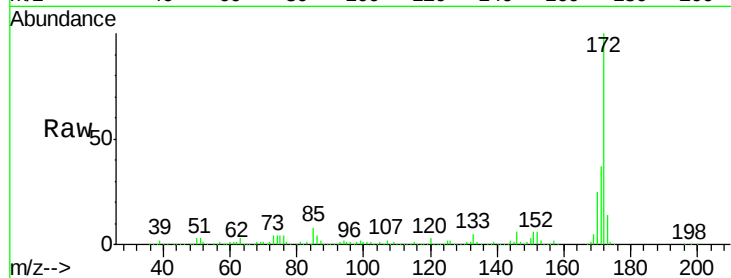




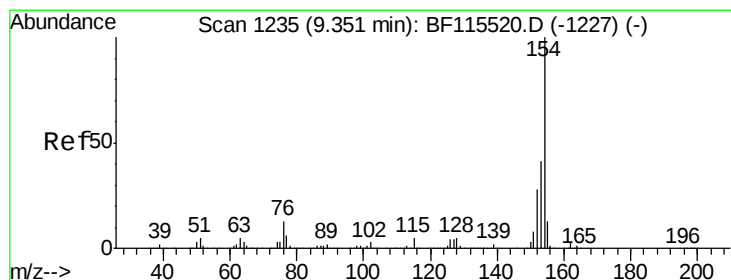
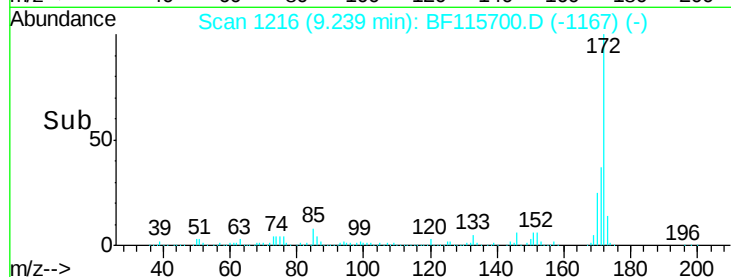
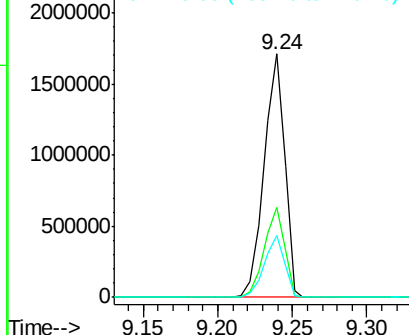
#45
2-Fluorobiphenyl
Concen: 79.013 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1609862
Ion Ratio Lower Upper
172 100
171 37.0 30.6 46.0
170 25.4 20.5 30.7

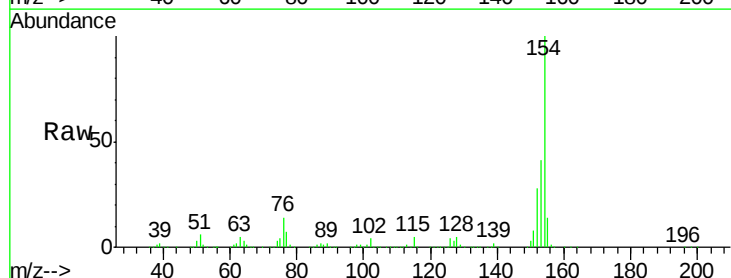


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

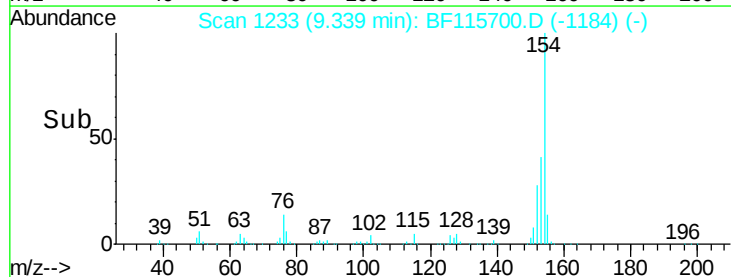
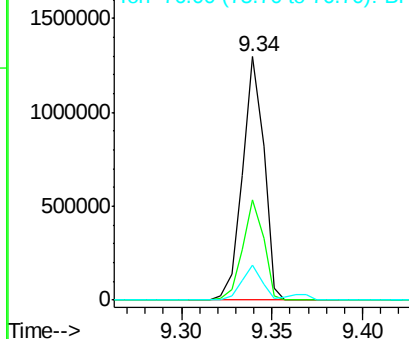


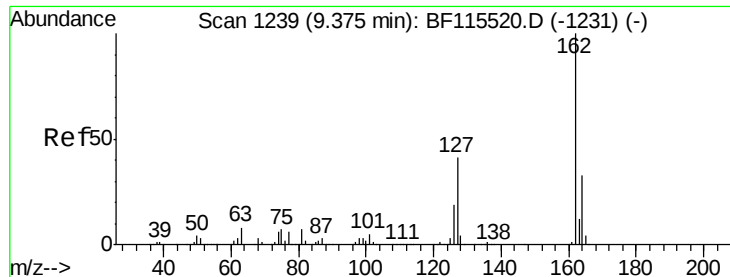
#46
1,1'-Biphenyl
Concen: 38.156 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion:154 Resp: 1063779
Ion Ratio Lower Upper
154 100
153 41.2 22.6 62.6
76 14.3 0.0 33.4



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

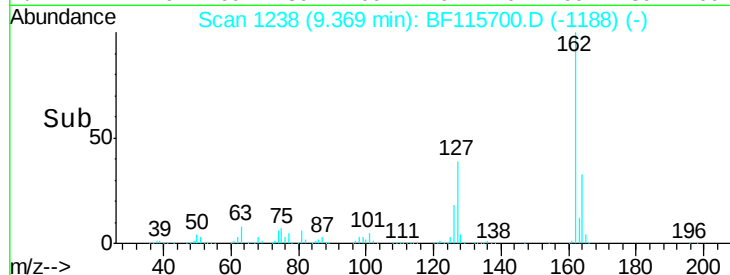
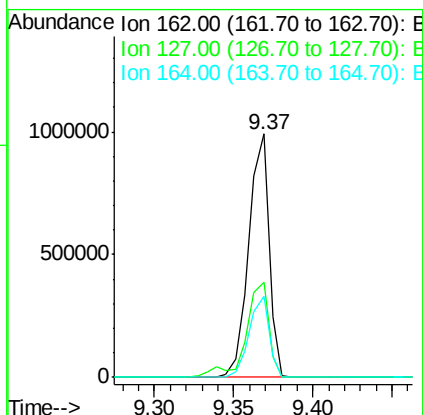
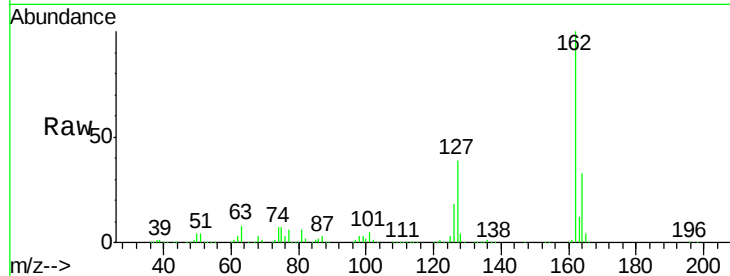




#47
 2-Chloronaphthalene
 Concen: 37.871 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

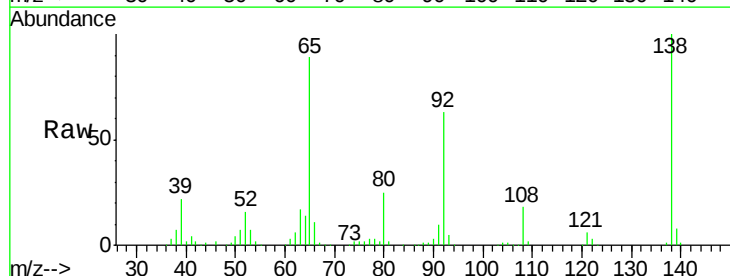
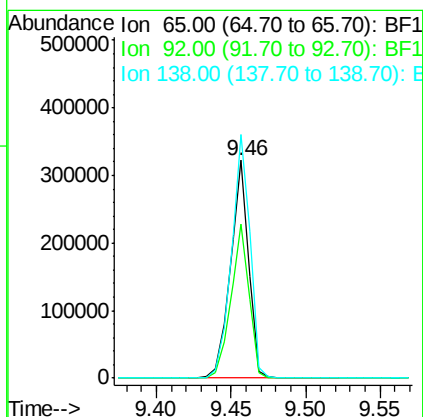
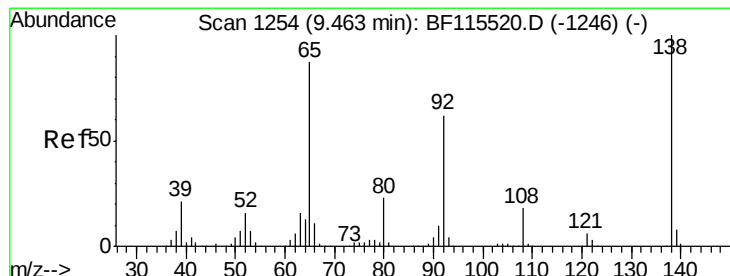
Instrument :
 BNA_F
 ClientSampleId :

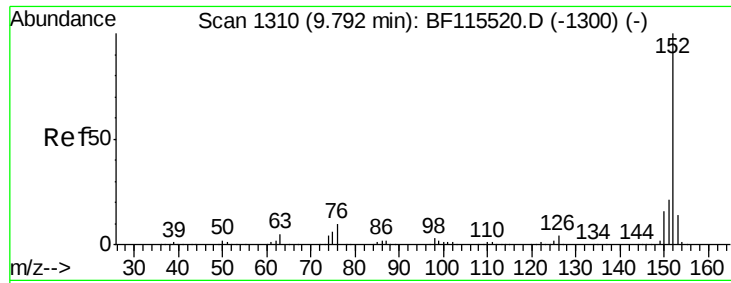
Tot Ion:162 Resp: 879142
 Ion Ratio Lower Upper
 162 100
 127 39.3 34.1 51.1
 164 33.5 27.4 41.2



#48
 2-Nitroaniline
 Concen: 38.907 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Tgt Ion: 65 Resp: 279548
 Ion Ratio Lower Upper
 65 100
 92 70.7 57.8 86.6
 138 111.9 91.2 136.8





#49

Acenaphthylene

Concen: 38.493 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

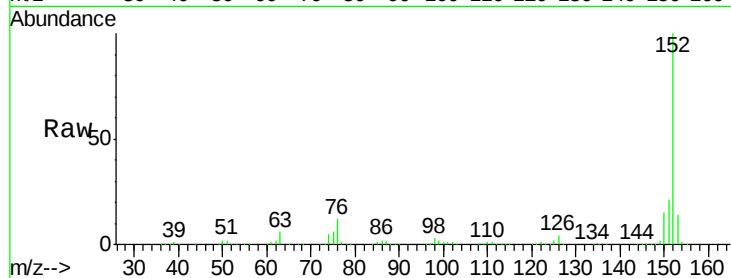
Tot Ion:152 Resp: 1324062

Ion Ratio Lower Upper

152 100

151 21.0 17.7 26.5

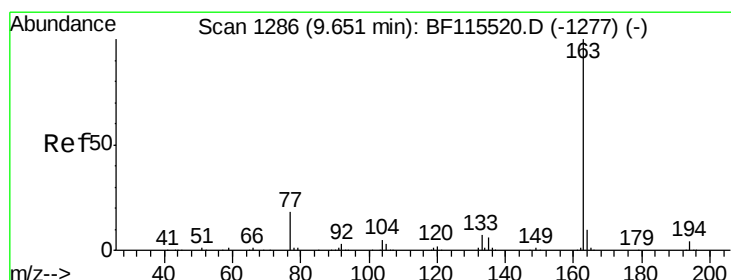
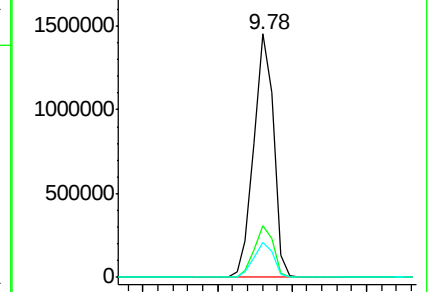
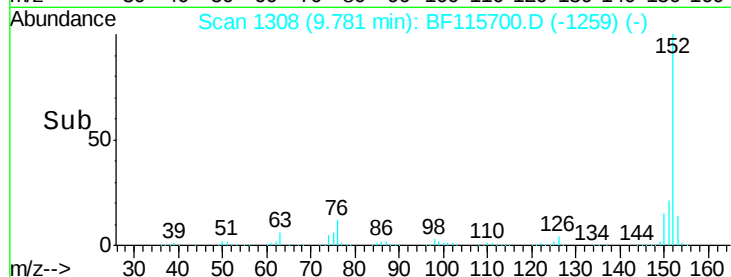
153 14.4 12.0 18.0



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: 38.354 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

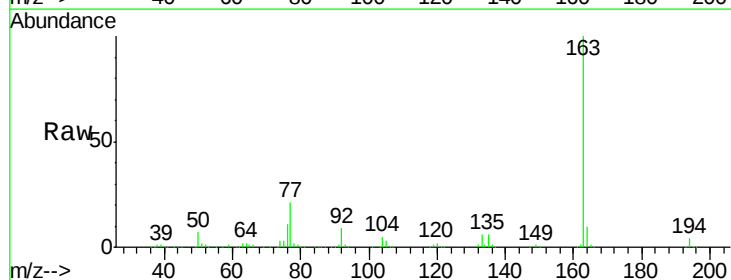
Tgt Ion:163 Resp: 1029055

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

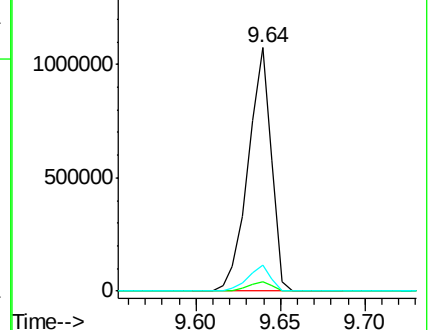
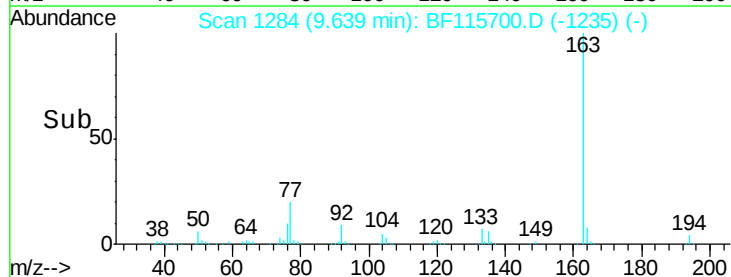
164 10.5 8.7 13.1

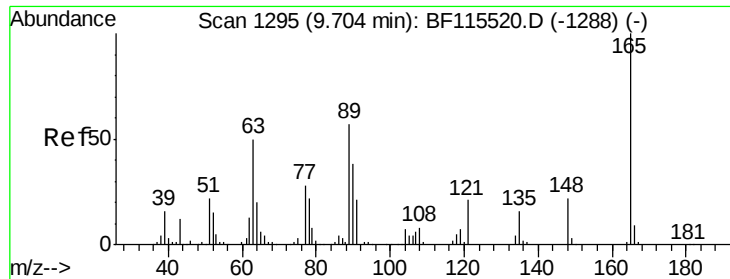


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.722 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampled :

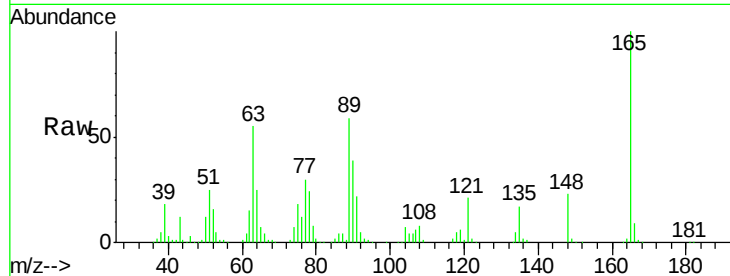
Tot Ion:165 Resp: 230003

Ion Ratio Lower Upper

165 100

63 55.1 40.6 61.0

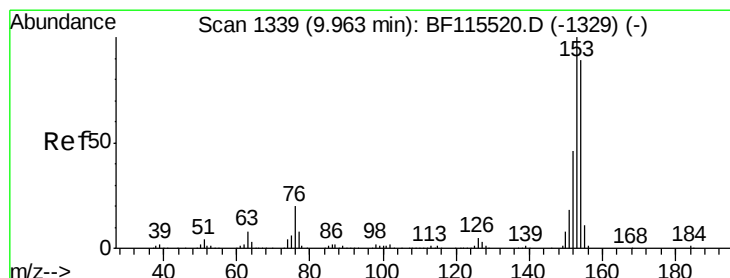
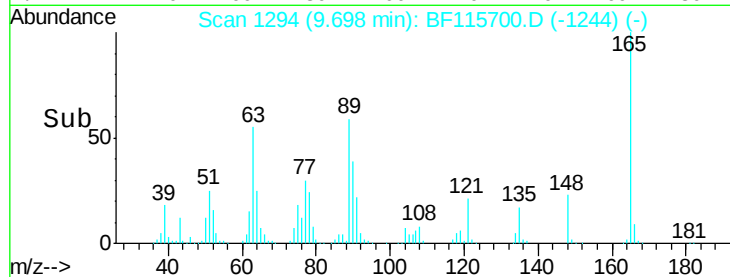
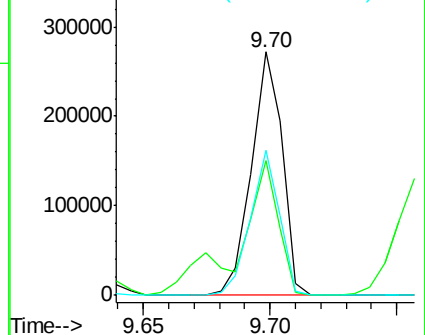
89 59.5 43.9 65.9



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: 38.523 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

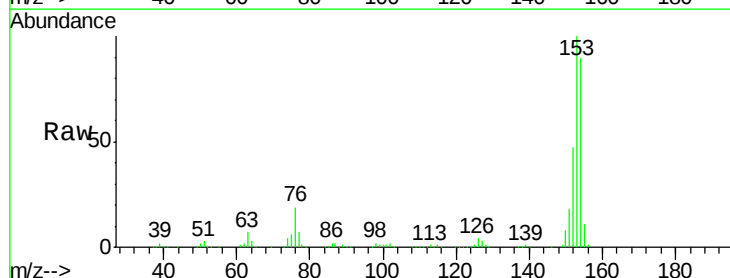
Tgt Ion:154 Resp: 855508

Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

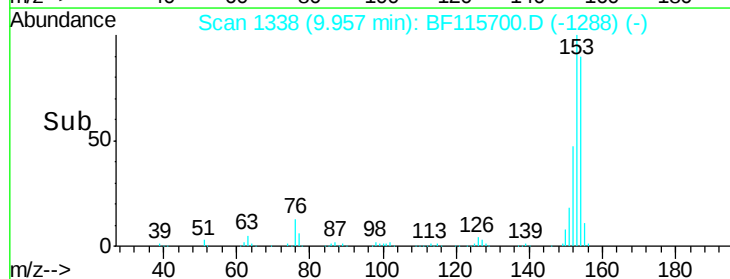
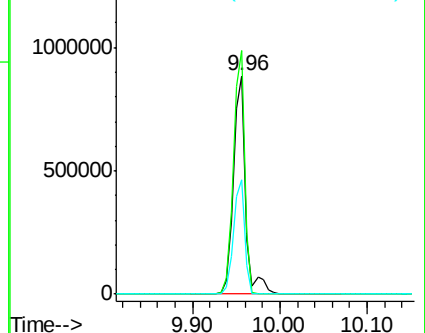
152 52.6 42.3 63.5

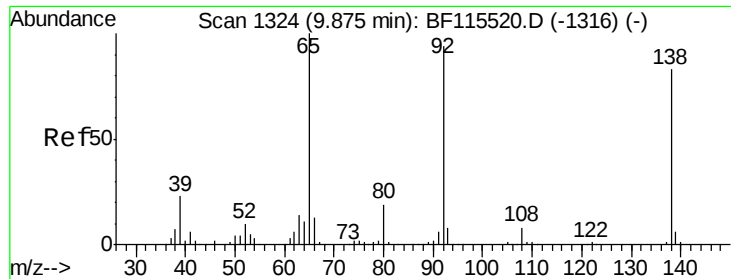


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

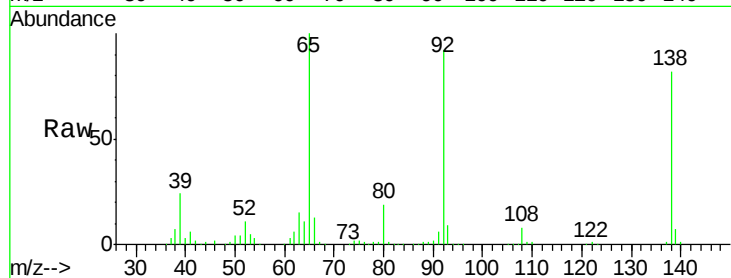




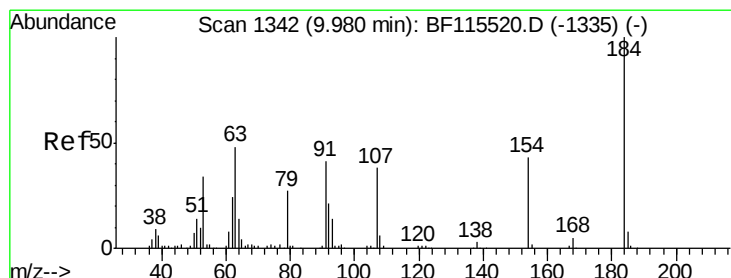
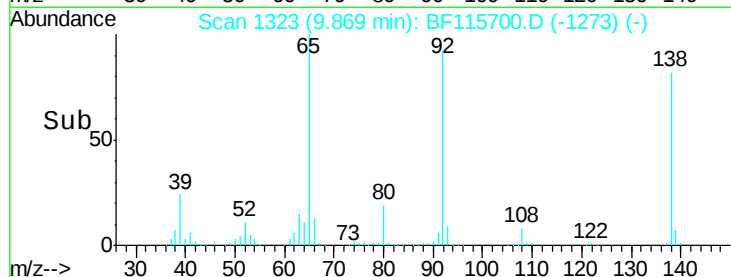
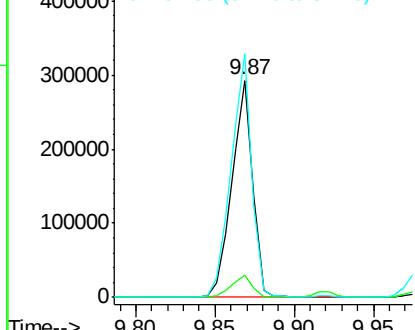
#53
 3-Nitroaniline
 Concen: 38.246 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 266490
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.4 12.6
 92 112.1 88.0 132.0

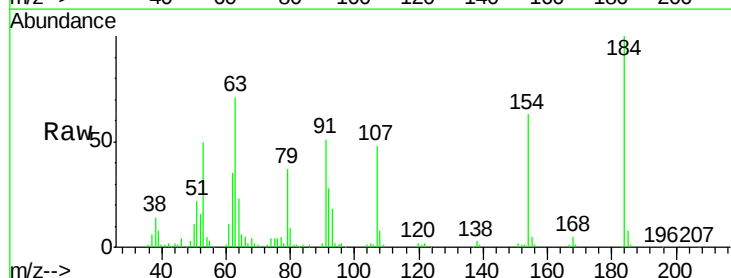


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

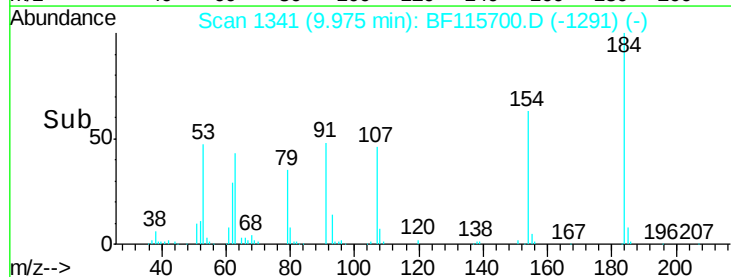
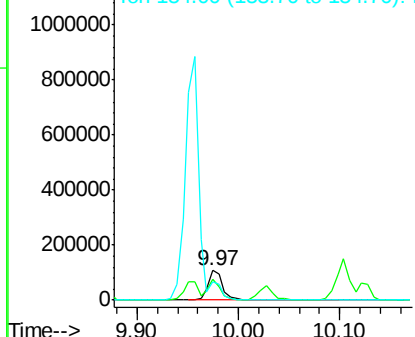


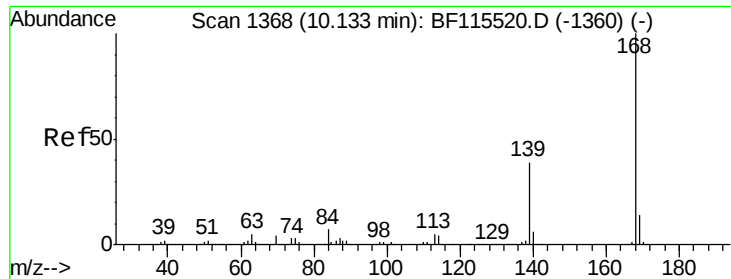
#54
 2,4-Dinitrophenol
 Concen: 35.325 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Tgt Ion:184 Resp: 110586
 Ion Ratio Lower Upper
 184 100
 63 70.8 48.7 73.1
 154 63.4 48.6 73.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

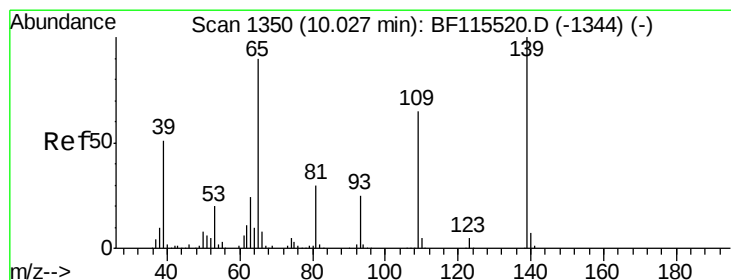
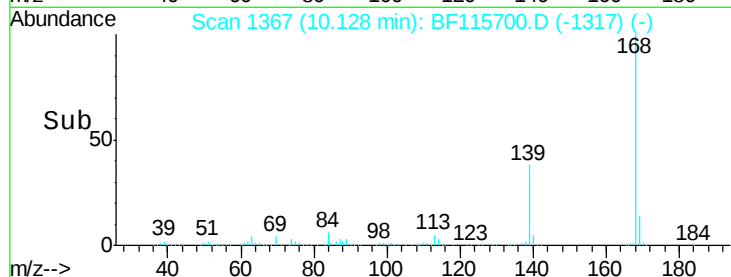
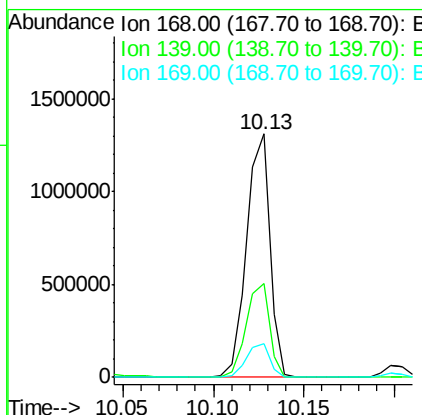
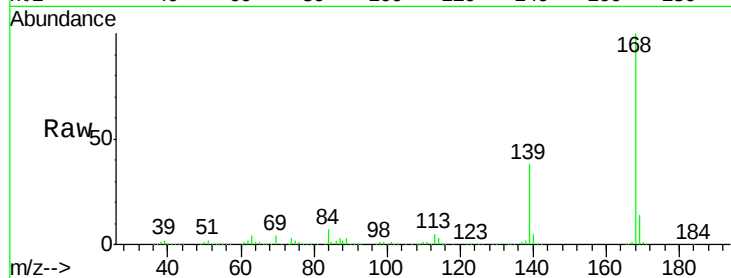




#55
Dibenzenofuran
Concen: 37.217 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

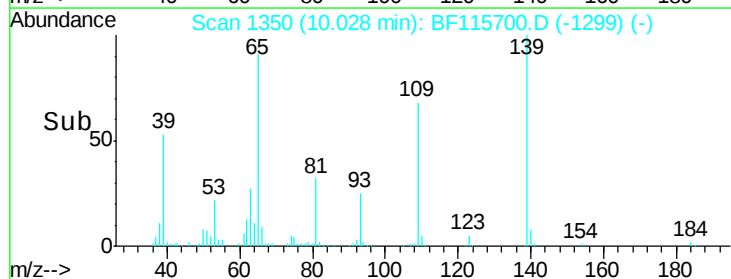
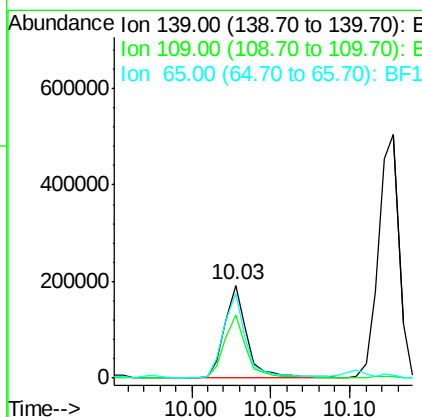
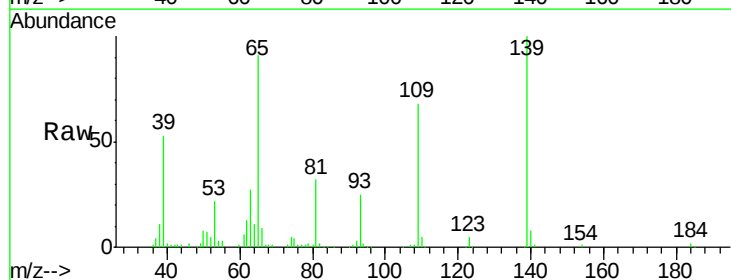
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1173715
Ion Ratio Lower Upper
168 100
139 38.5 31.1 46.7
169 13.8 11.1 16.7



#56
4-Nitrophenol
Concen: 35.692 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion:139 Resp: 189645
Ion Ratio Lower Upper
139 100
109 68.4 46.4 86.4
65 91.1 68.9 108.9

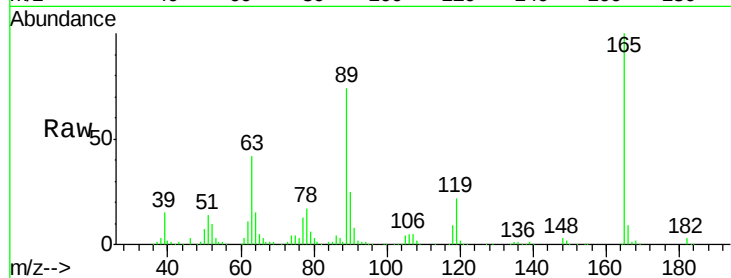




#57
2,4-Dinitrotoluene
Concen: 38.702 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.4	34.9	52.3
89	74.3	57.5	86.3
182	2.7	2.2	3.4

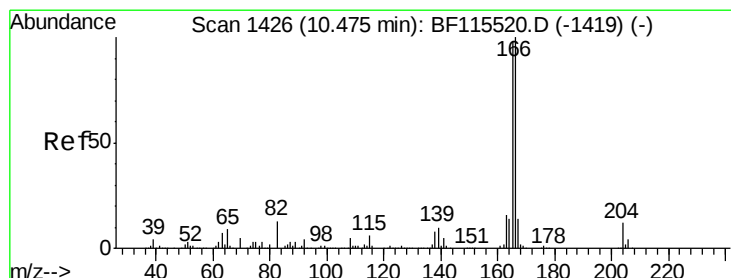
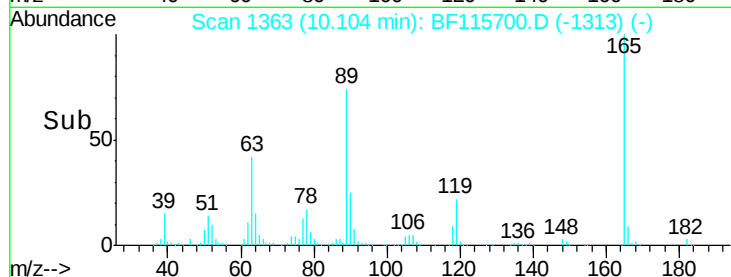
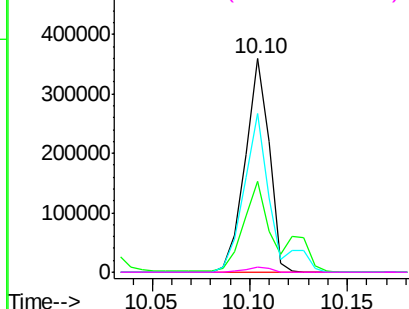


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

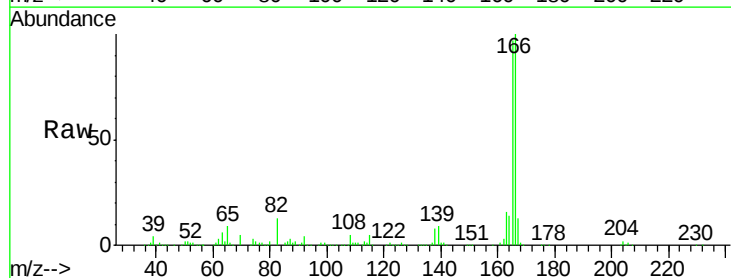
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.595 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

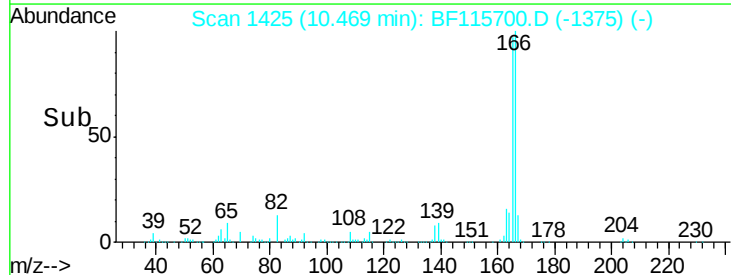
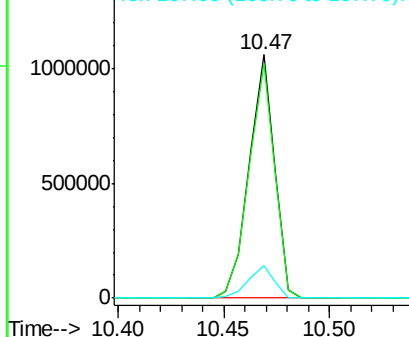
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.8	119.6
167	13.5	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

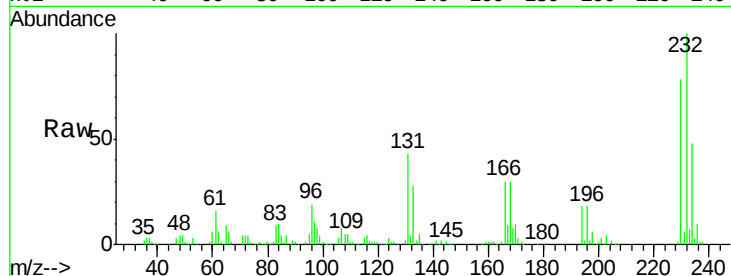




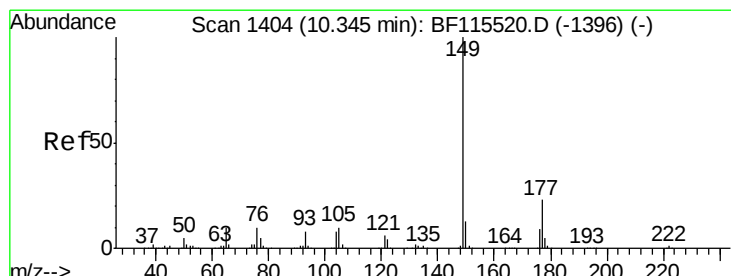
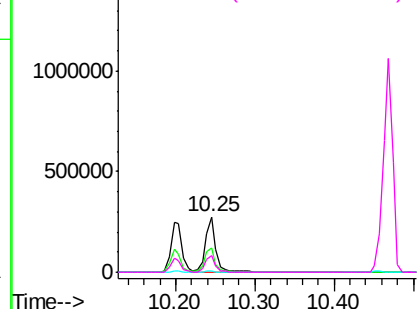
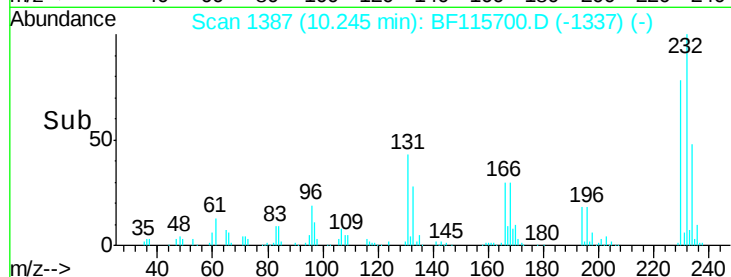
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.067 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	255930
Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.9	53.9
130	2.2	1.8	2.6
166	29.7	24.8	37.2

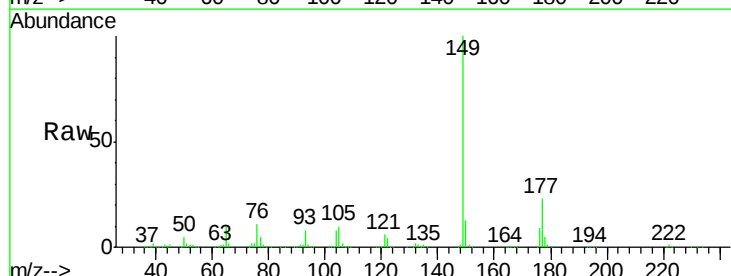


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

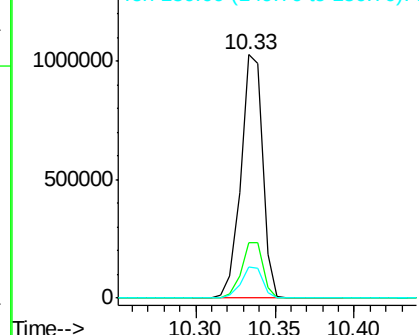
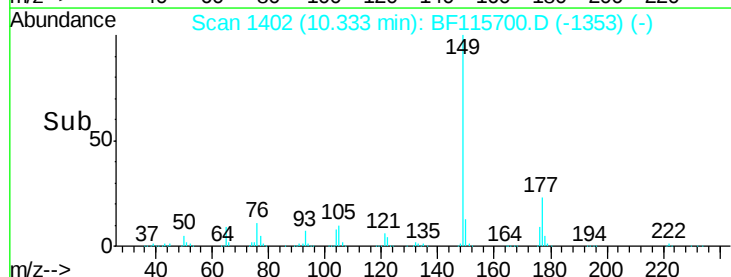


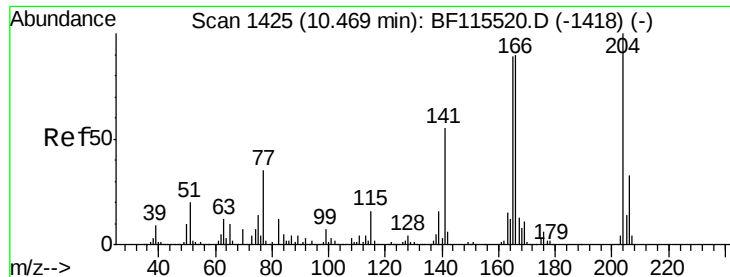
#60
 Diethylphthalate
 Concen: 38.810 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Tgt Ion:	149	Resp:	975636
Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.5	29.3
150	13.0	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

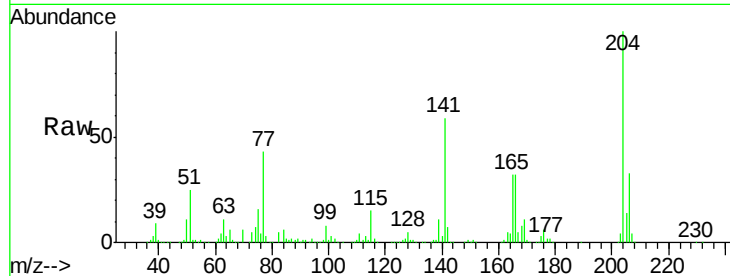




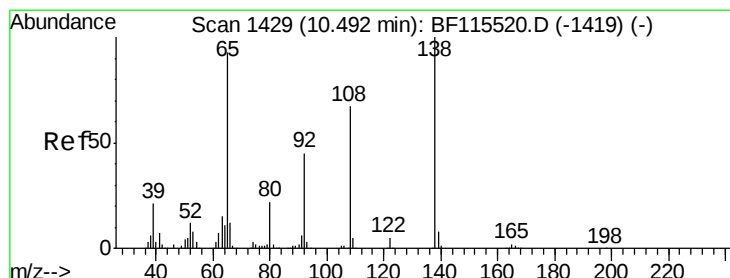
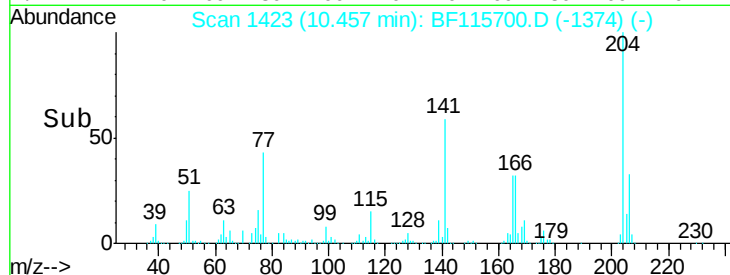
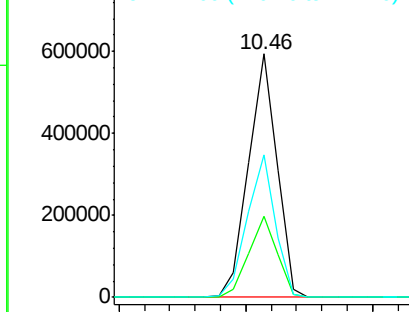
#61
 4-Chlorophenyl-phenylether
 Concen: 37.221 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 465360
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.7 40.1
 141 58.6 44.2 66.2

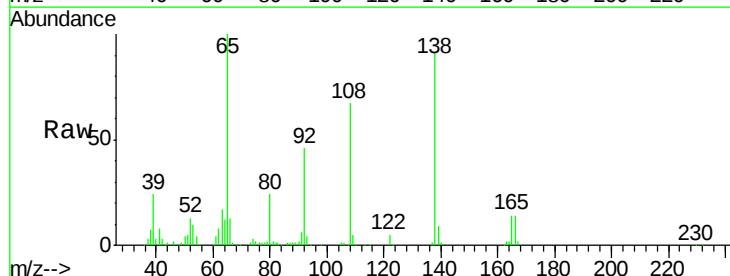


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

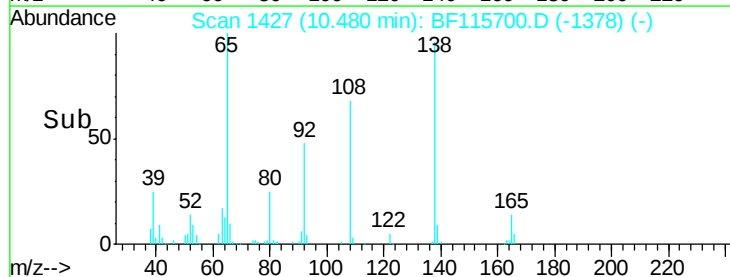
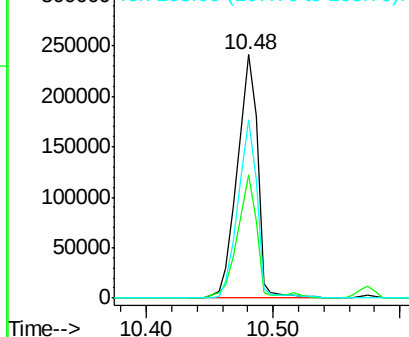


#62
 4-Nitroaniline
 Concen: 39.766 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Tgt Ion:138 Resp: 265780
 Ion Ratio Lower Upper
 138 100
 92 50.6 27.1 67.1
 108 73.1 48.0 88.0



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: 40.494 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 987390

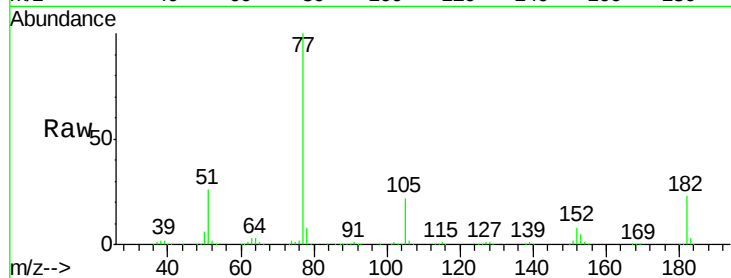
Ion Ratio Lower Upper

77 100

182 23.3 6.9 46.9

105 21.9 3.9 43.9

51 26.2 7.3 47.3

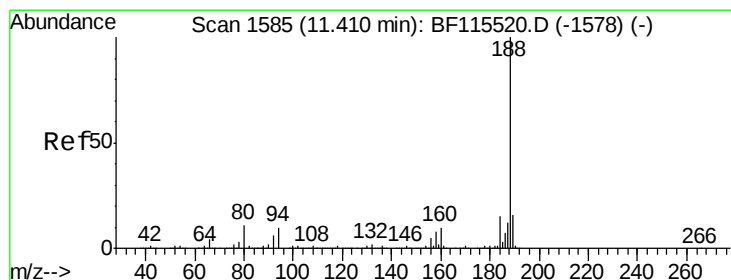
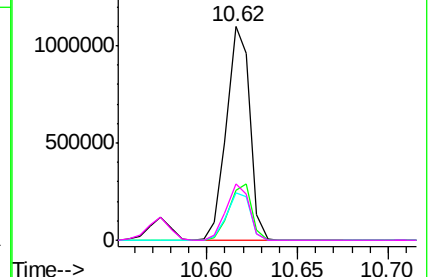
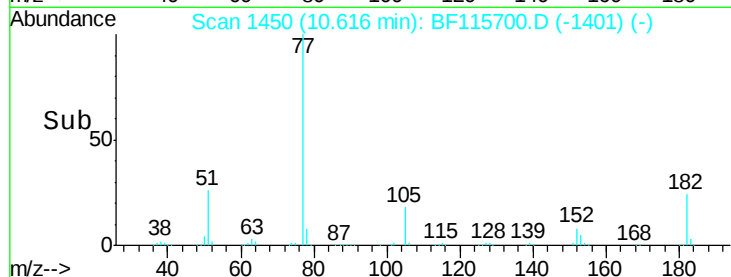


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

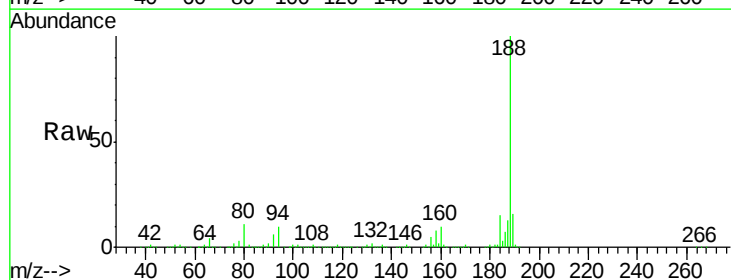
Tgt Ion: 188 Resp: 683281

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

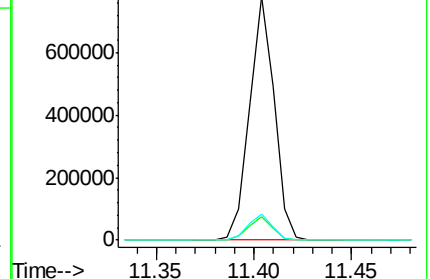
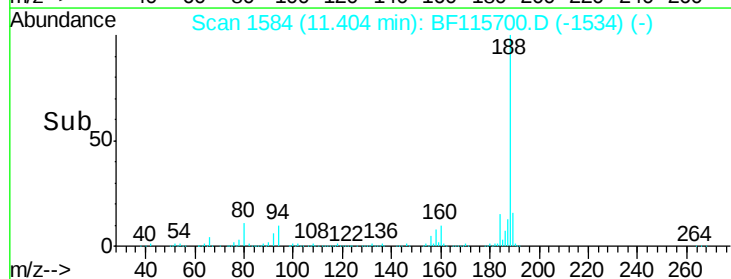
80 10.8 8.6 13.0



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: 34.550 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

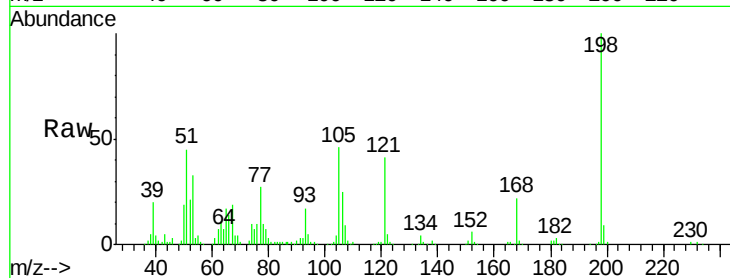
Tot Ion:198 Resp: 144232

Ion Ratio Lower Upper

198 100

51 45.1 19.1 59.1

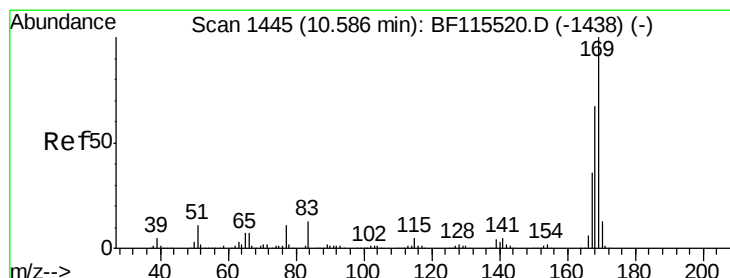
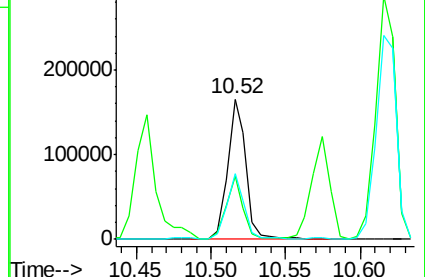
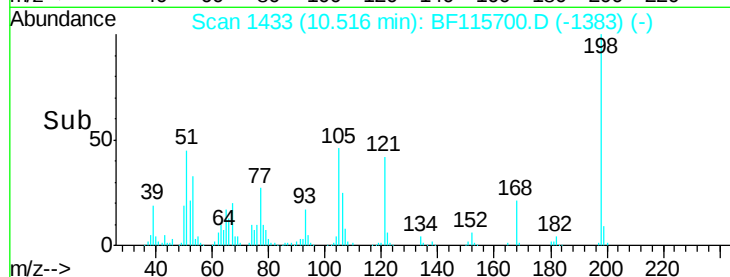
105 46.3 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.911 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

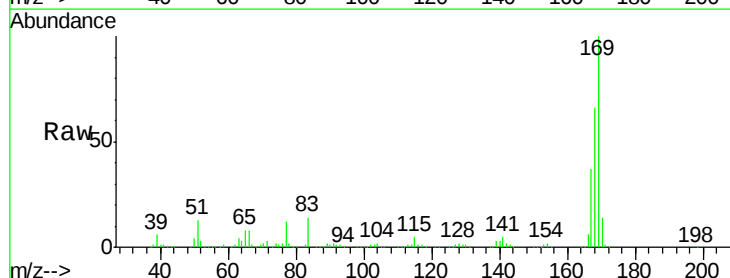
Tgt Ion:169 Resp: 805784

Ion Ratio Lower Upper

169 100

168 66.4 54.3 81.5

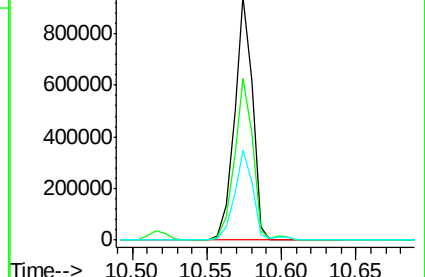
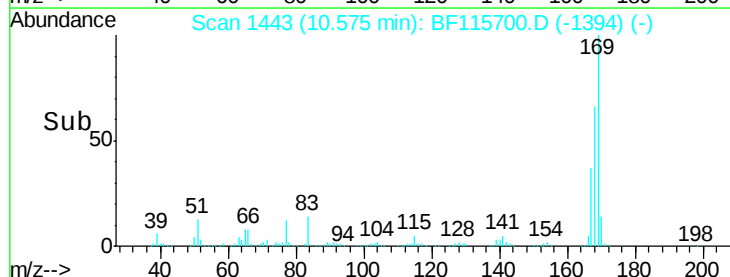
167 36.7 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

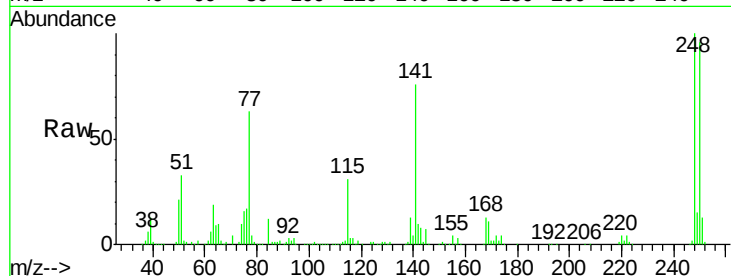




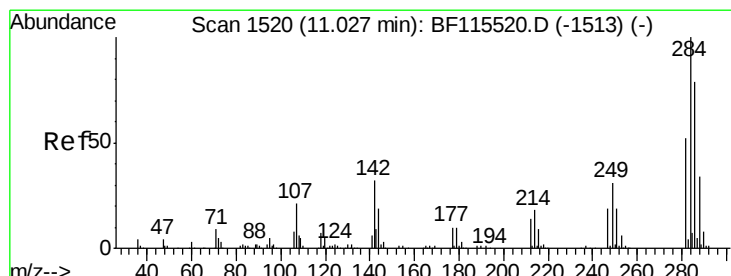
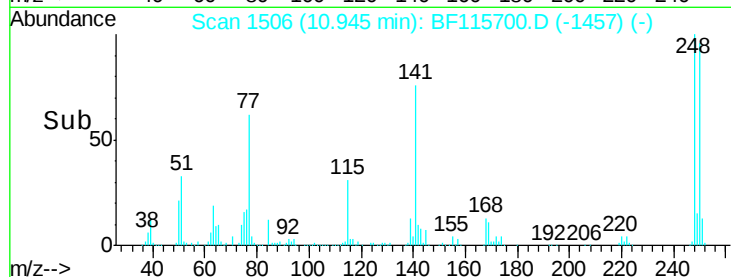
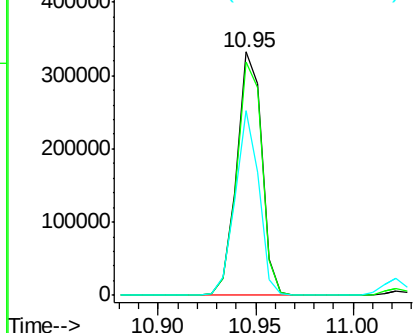
#67
4-Bromophenyl-phenylether
Concen: 37.979 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 296549
Ion Ratio Lower Upper
248 100
250 96.1 78.0 117.0
141 75.8 57.7 86.5

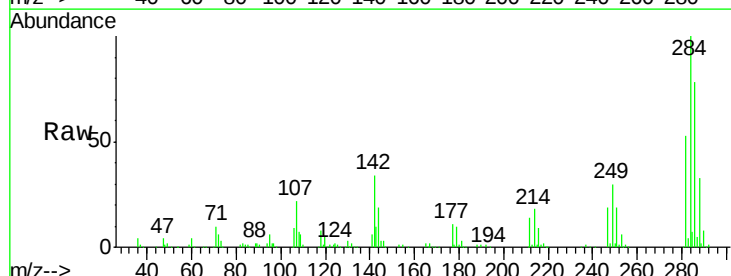


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

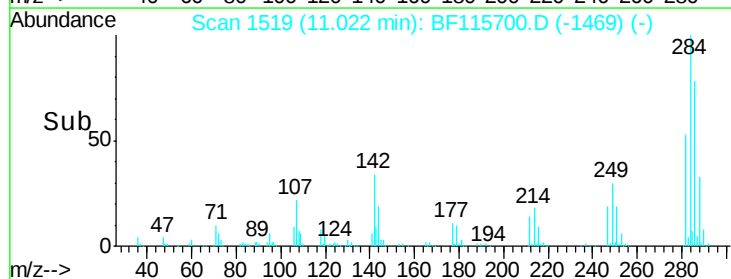
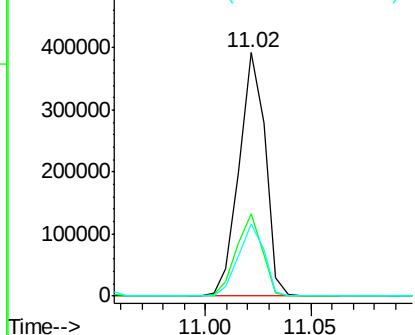


#68
Hexachlorobenzene
Concen: 37.738 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion:284 Resp: 336509
Ion Ratio Lower Upper
284 100
142 33.9 22.2 33.2#
249 29.8 23.4 35.2



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

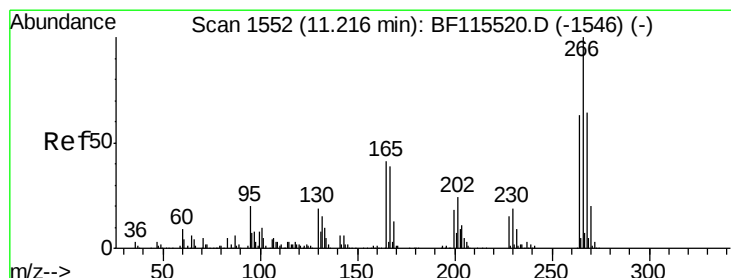
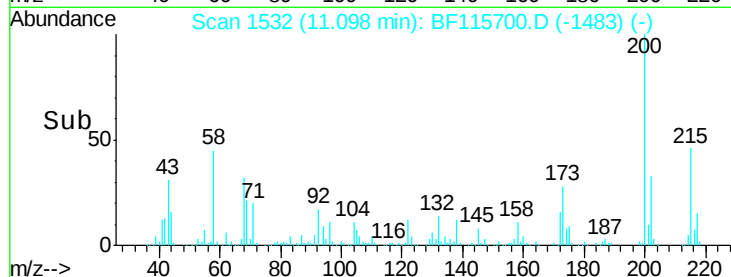
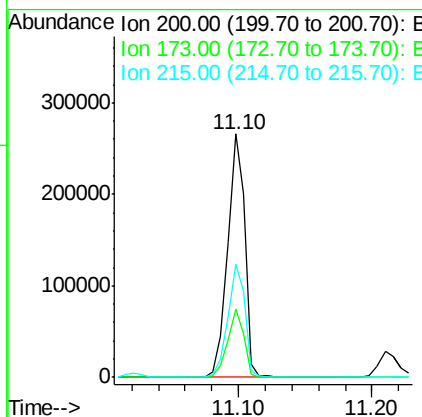
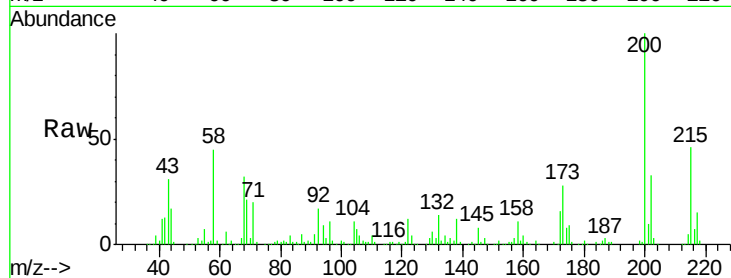




#69
 Atrazine
 Concen: 34.851 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

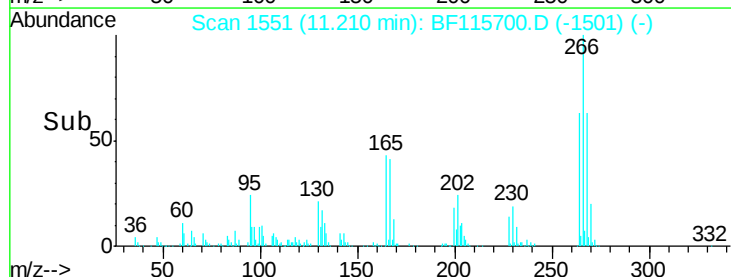
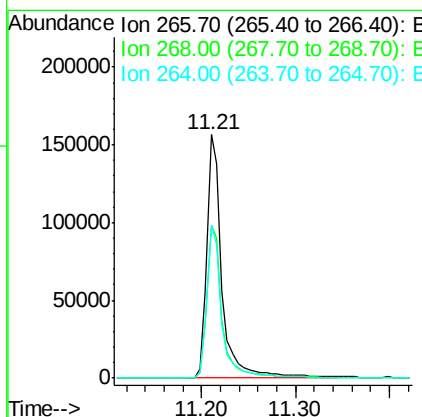
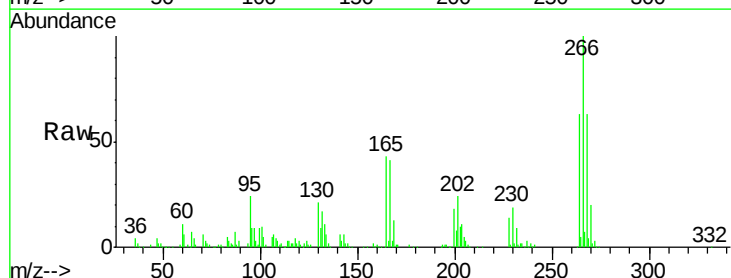
Instrument :
 BNA_F
 ClientSampleId :

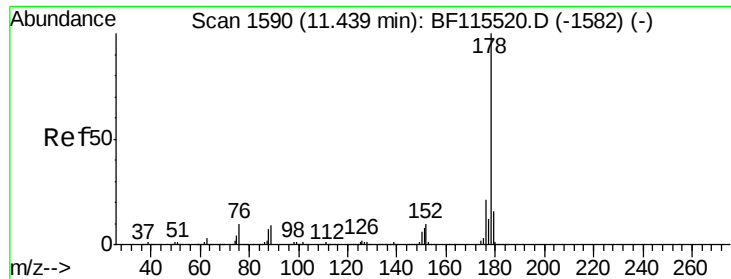
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	6.9	46.9
215	46.4	27.9	67.9



#70
 Pentachlorophenol
 Concen: 32.711 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.6	77.4
264	62.7	50.6	76.0

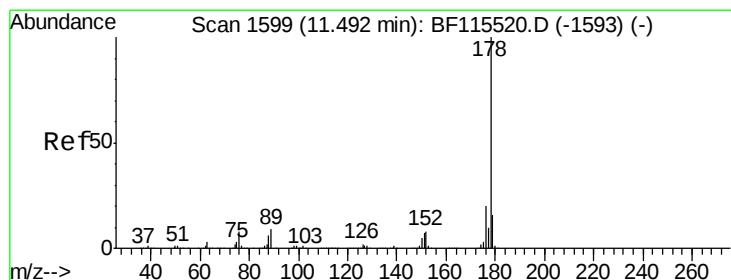
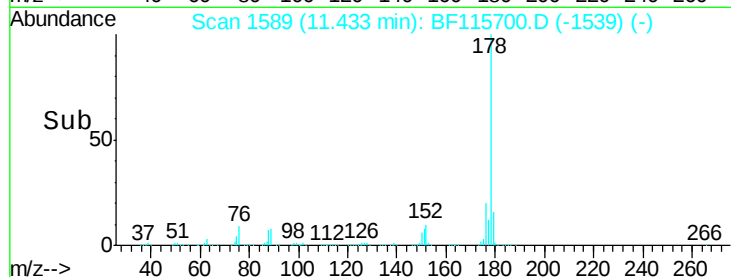
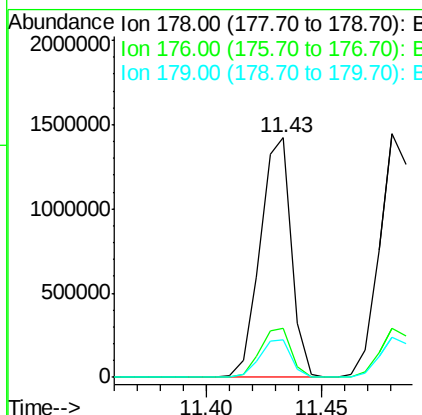
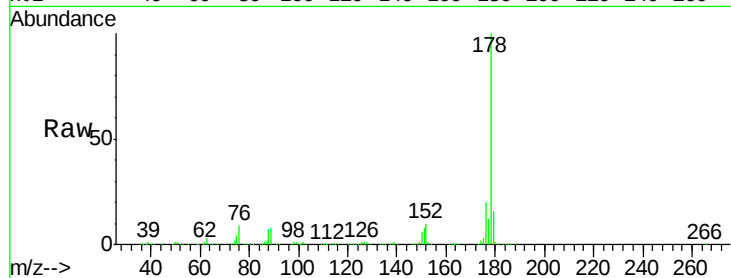




#71
Phenanthrene
Concen: 38.276 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

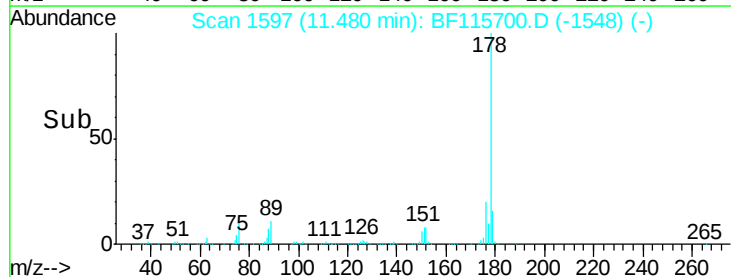
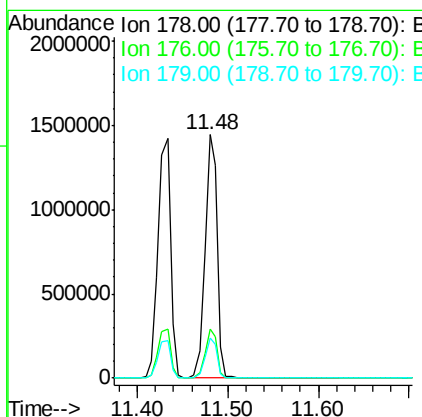
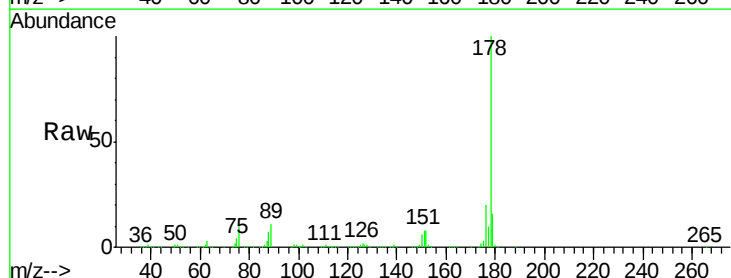
Instrument :
BNA_F
ClientSampleId :

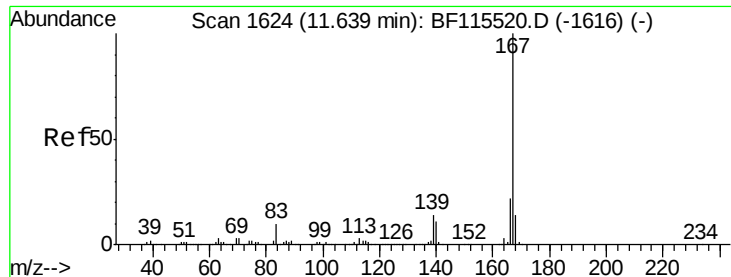
Tot Ion:178 Resp: 1340591
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 15.8 13.5 20.3



#72
Anthracene
Concen: 37.744 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion:178 Resp: 1366185
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.5 12.7 19.1





#73

Carbazole

Concen: 38.906 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

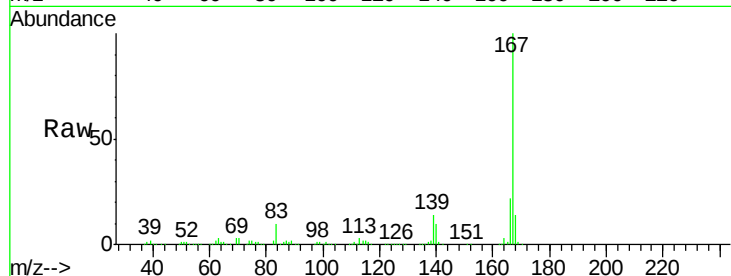
Tot Ion:167 Resp: 1234925

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

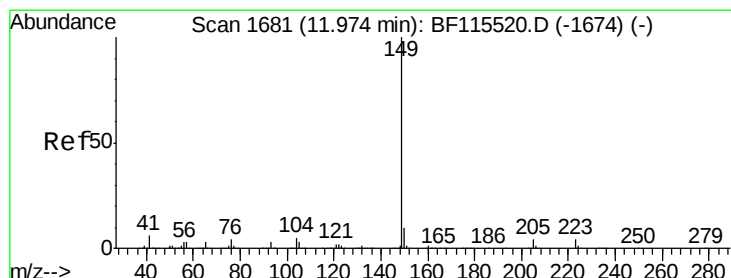
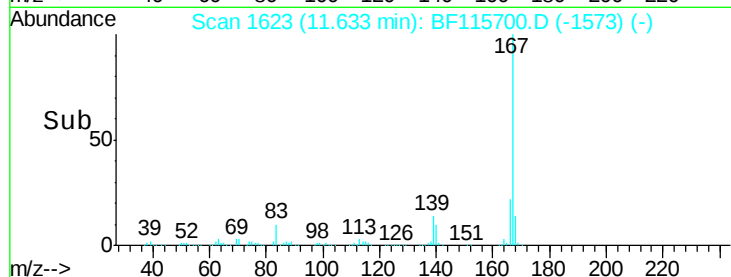
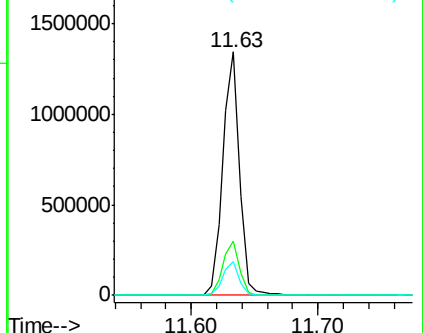
139 13.7 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.287 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

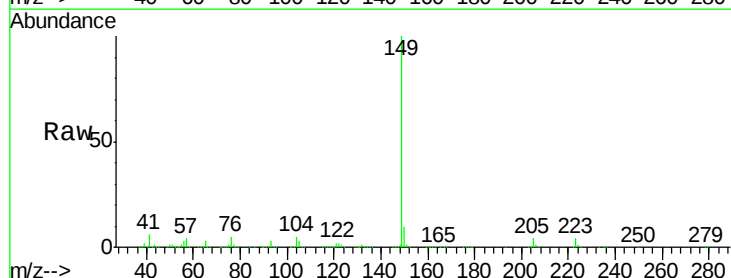
Tgt Ion:149 Resp: 1496941

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

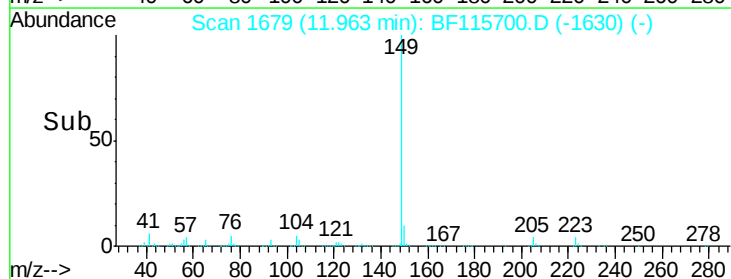
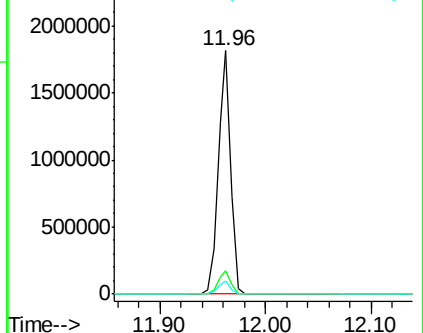
104 5.2 3.8 5.8

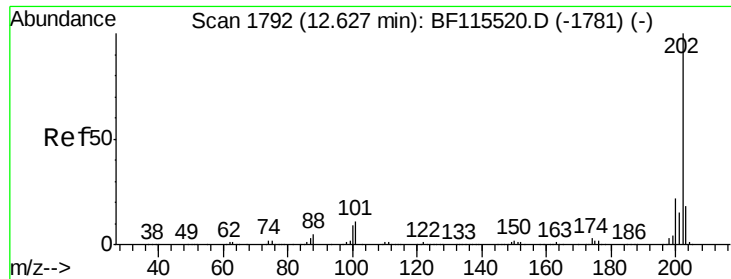


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.174 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

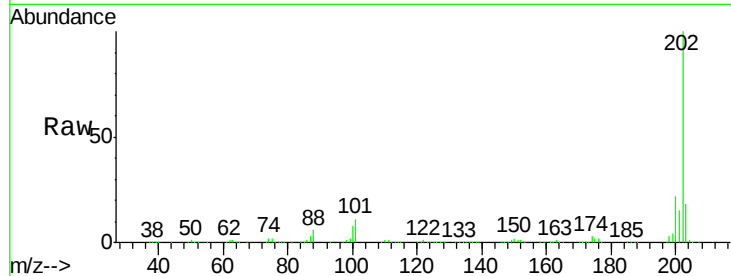
Tot Ion:202 Resp: 1412894

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.4

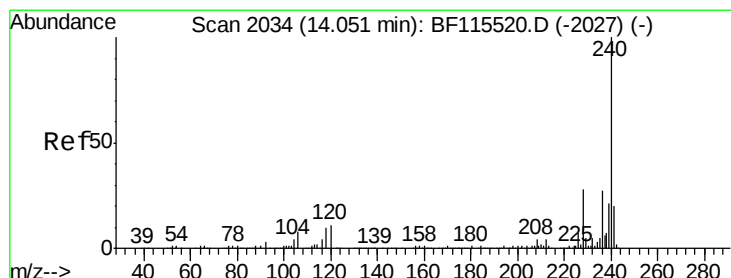
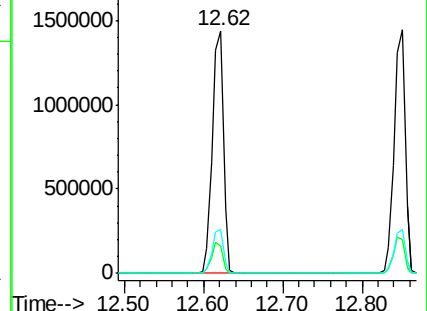
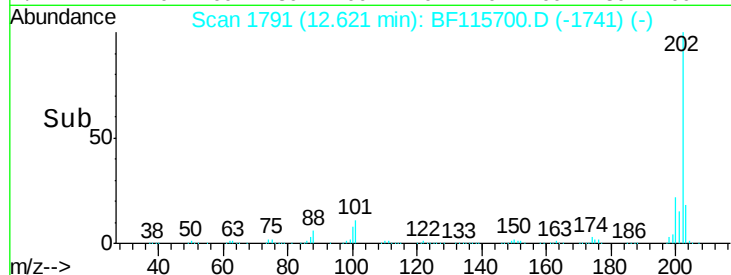
203 18.0 0.0 38.1



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

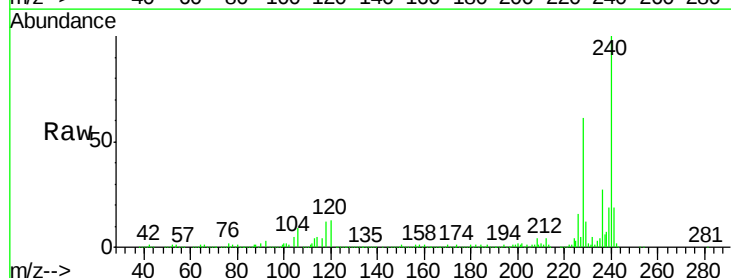
Tgt Ion:240 Resp: 460382

Ion Ratio Lower Upper

240 100

120 13.1 8.6 13.0#

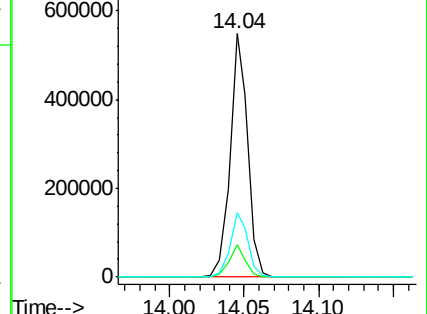
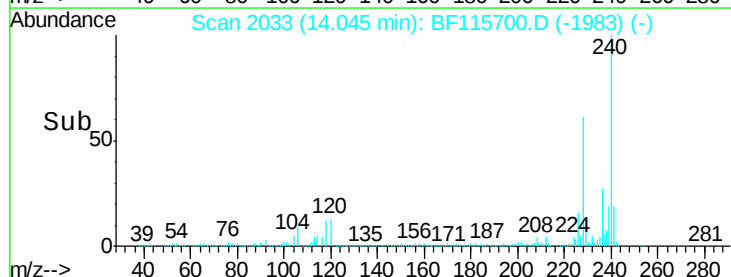
236 26.6 21.3 31.9



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: 39.243 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

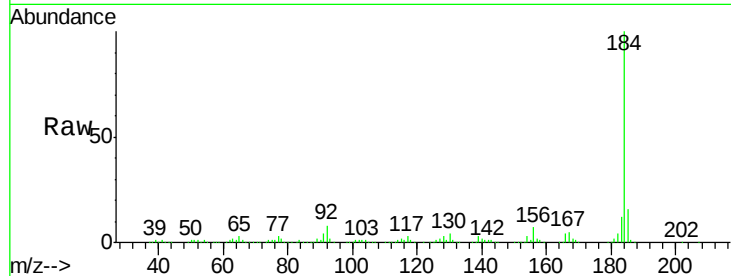
Tot Ion:184 Resp: 640027

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.0	18.0
183	11.7	9.3	13.9

184 100

185 15.6 12.0 18.0

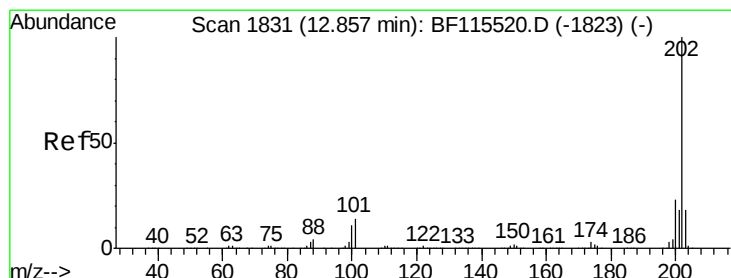
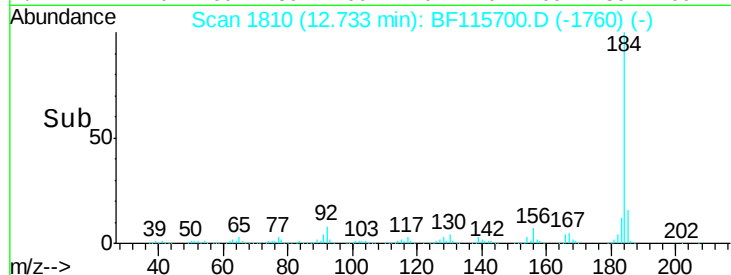
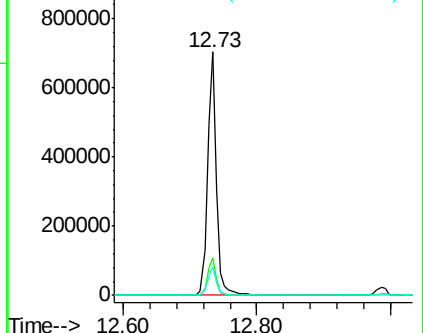
183 11.7 9.3 13.9



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: 36.210 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

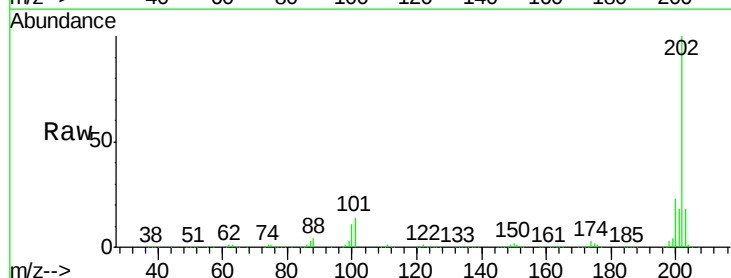
Tgt Ion:202 Resp: 1412383

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.7	28.1
203	18.3	15.2	22.8

202 100

200 22.5 18.7 28.1

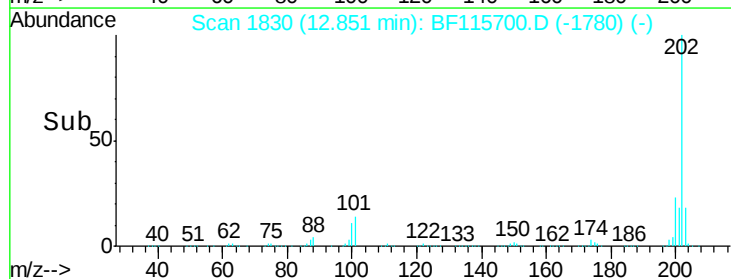
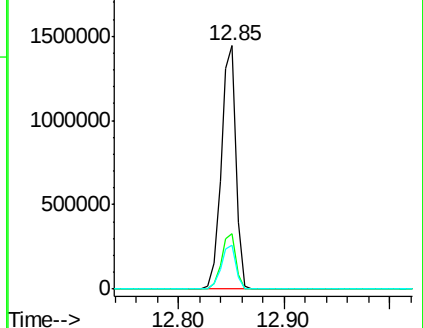
203 18.3 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.744 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

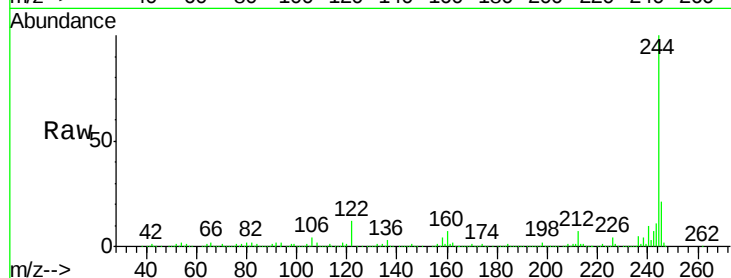
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1815007

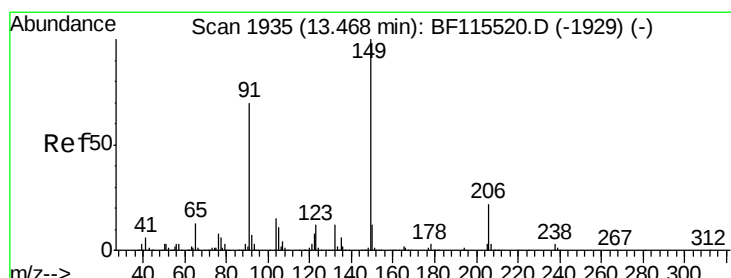
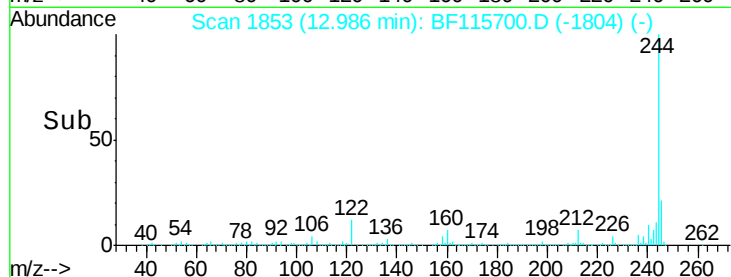
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.2	8.6	12.8



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: 37.361 ng

RT: 13.46 min Scan# 1933

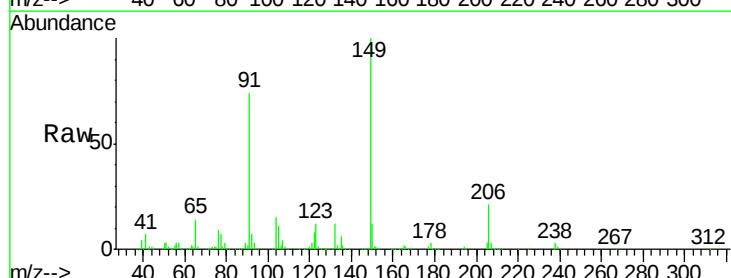
Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Tgt Ion:149 Resp: 621236

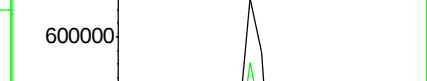
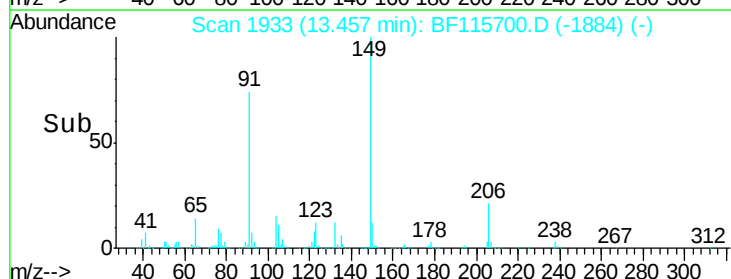
Ion	Ratio	Lower	Upper
149	100		
91	73.6	55.8	83.8
206	20.8	18.2	27.2

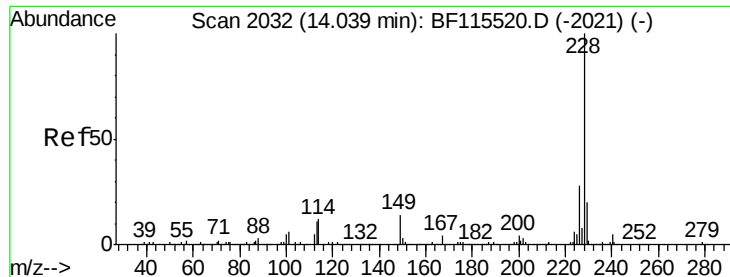


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.239 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

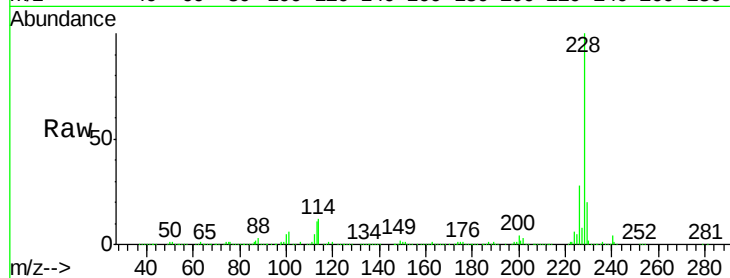
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1190116

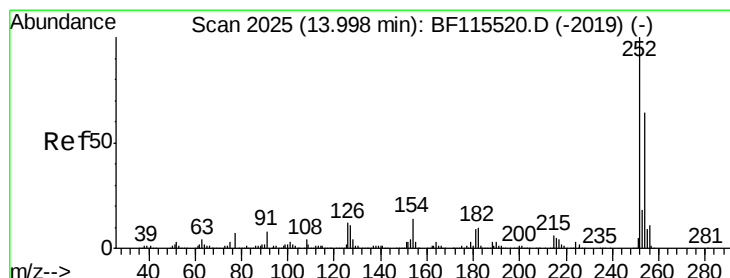
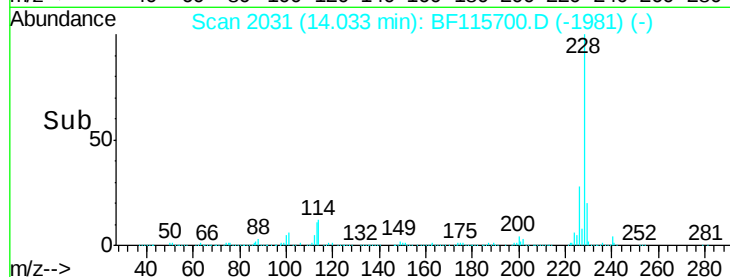
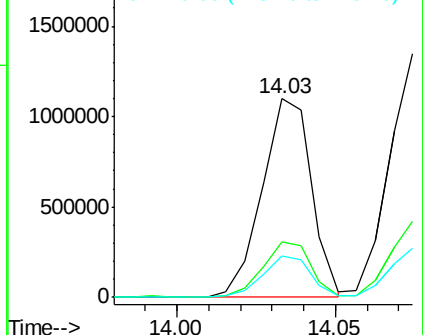
Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.0
229	20.5	17.2	25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.130 ng

RT: 13.99 min Scan# 2024

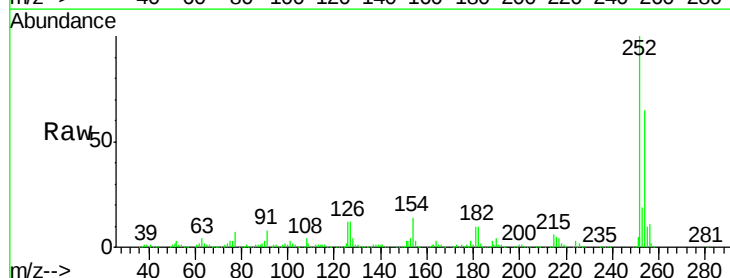
Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Tgt Ion:252 Resp: 421906

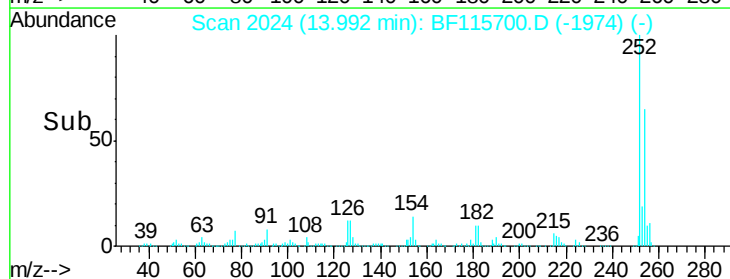
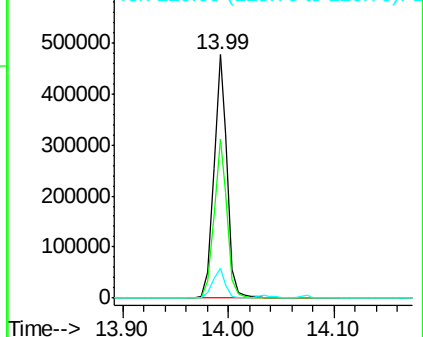
Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.9	79.3
126	12.2	9.9	14.9

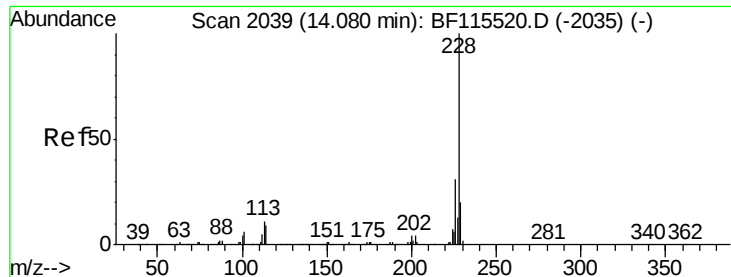


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.578 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

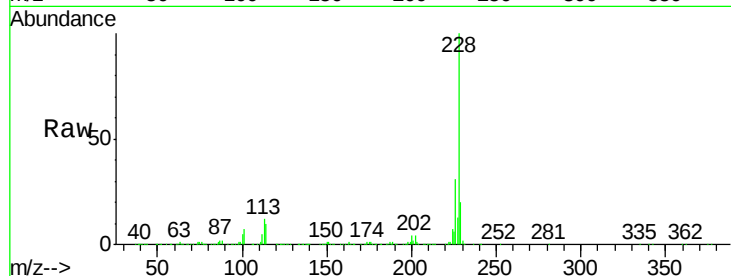
Tot Ion:228 Resp: 1144160

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

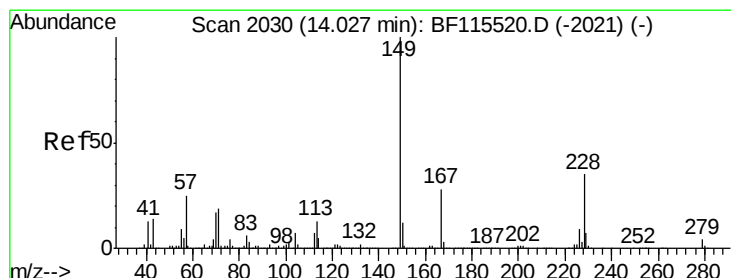
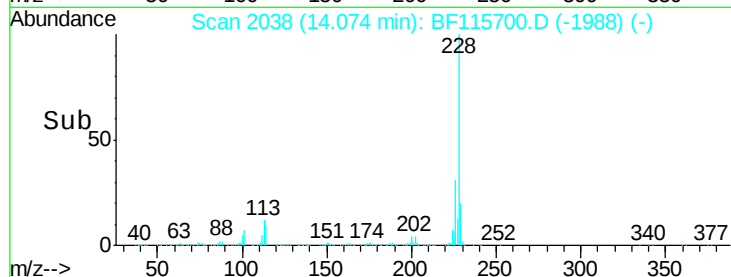
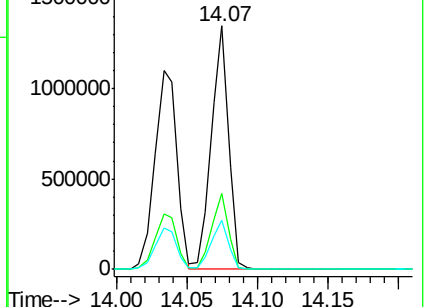
229 20.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.085 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

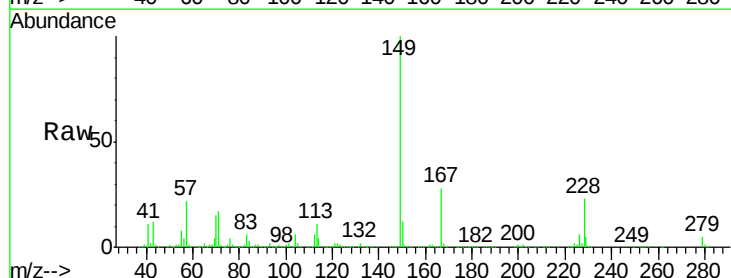
Tgt Ion:149 Resp: 805009

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

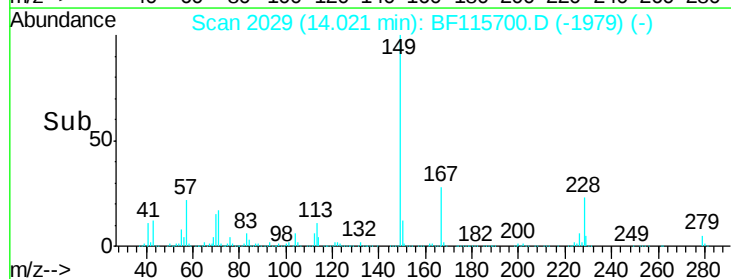
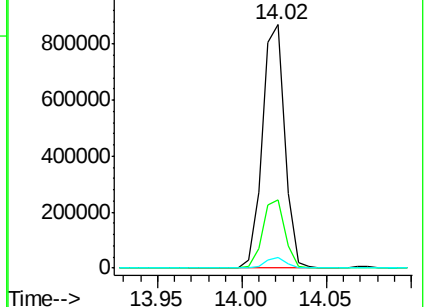
279 4.6 4.2 6.2

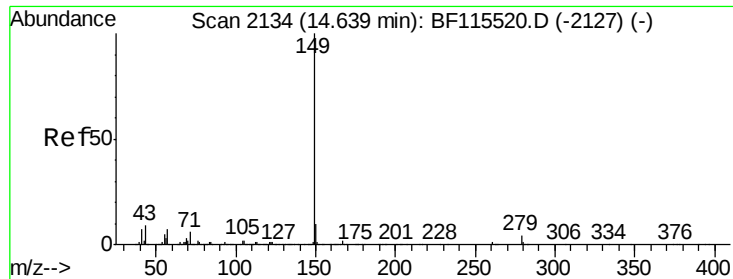


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

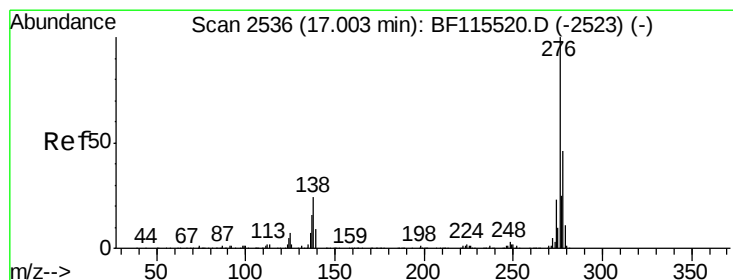
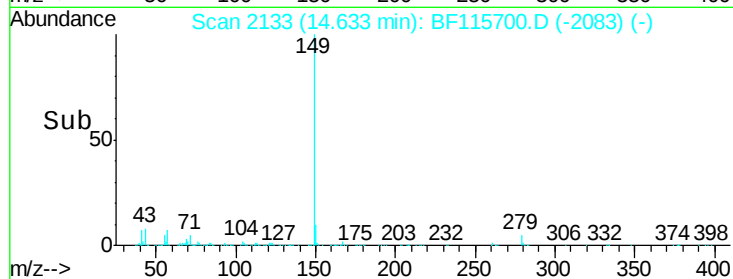
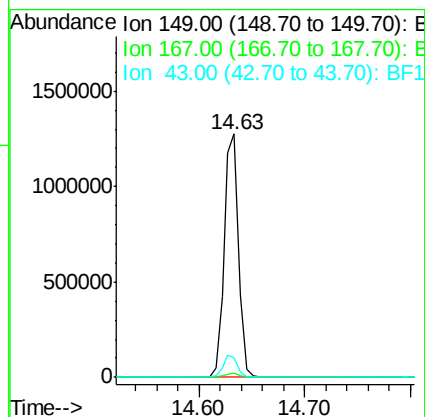
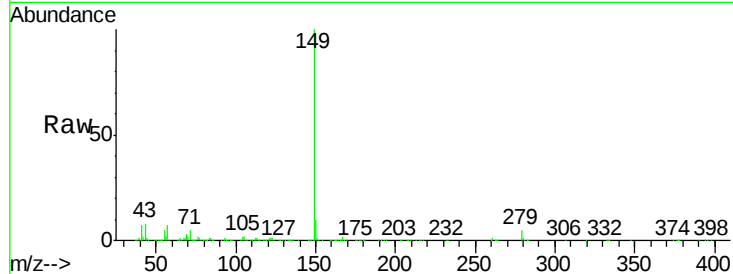




#85
Di-n-octyl phthalate
Concen: 36.929 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

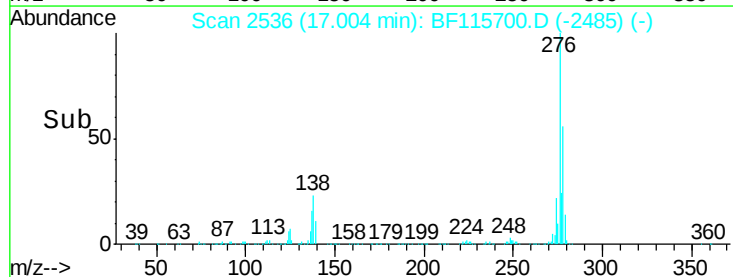
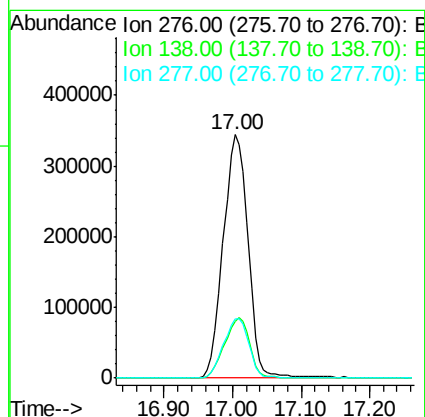
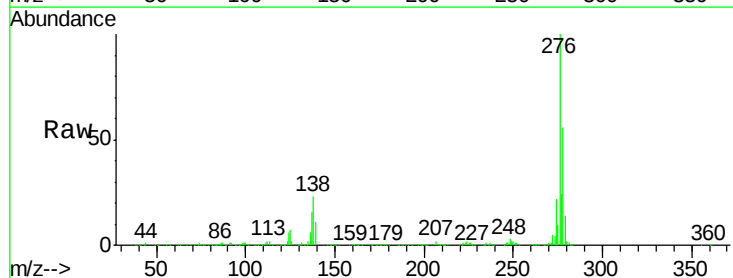
Instrument :
BNA_F
ClientSampleId :

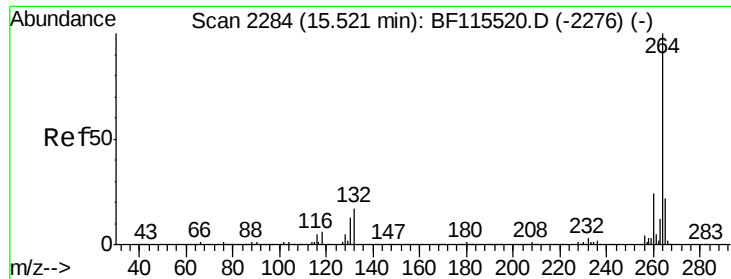
Tot Ion:149 Resp: 1210197
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.1 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.556 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion:276 Resp: 868003
Ion Ratio Lower Upper
276 100
138 25.0 20.2 30.2
277 25.1 20.4 30.6

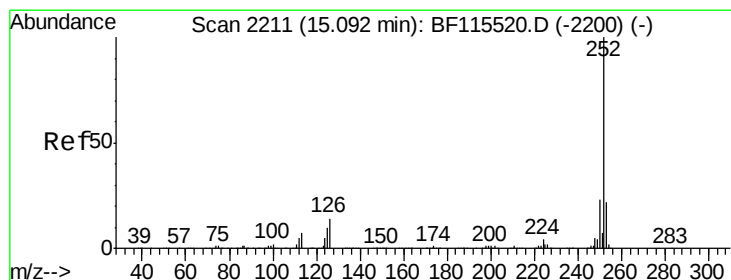
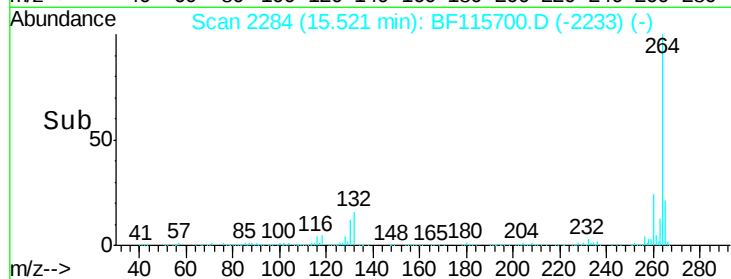
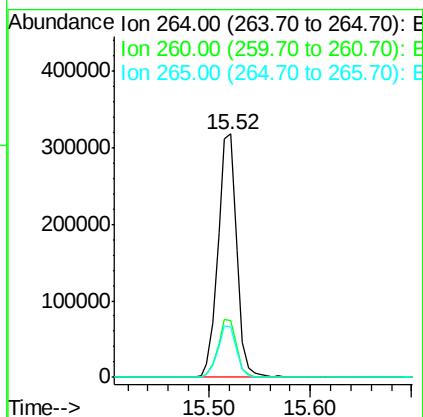
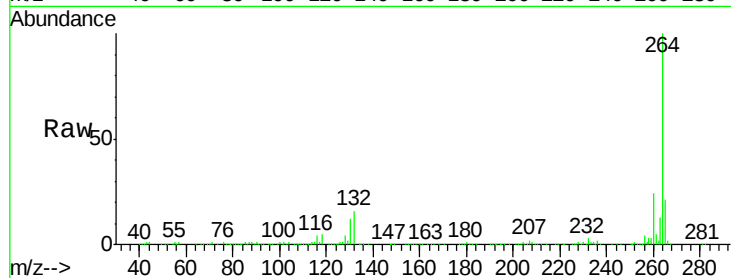




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

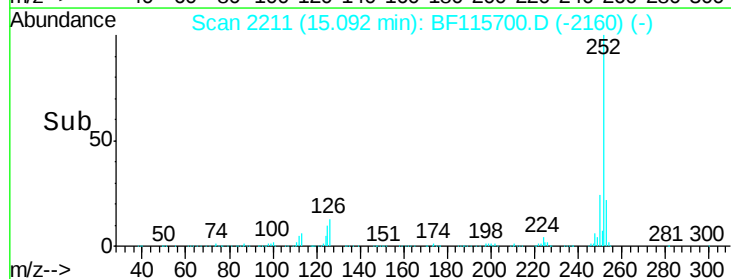
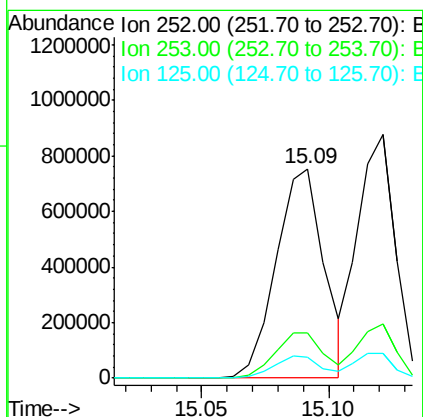
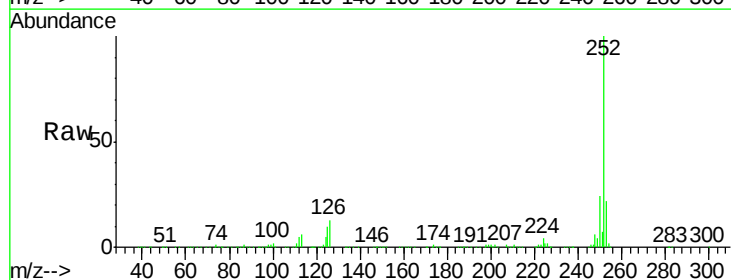
Instrument :
 BNA_F
 ClientSampleId :

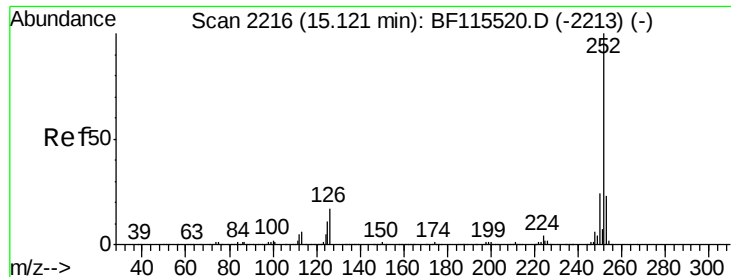
Tot Ion:264 Resp: 408483
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.8
 265 20.8 17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 37.823 ng
 RT: 15.09 min Scan# 2211
 Delta R.T. 0.00 min
 Lab File: BF115700.D
 Acq: 22 Jul 2019 10:33

Tgt Ion:252 Resp: 994846
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.1 27.1
 125 10.0 9.0 13.4

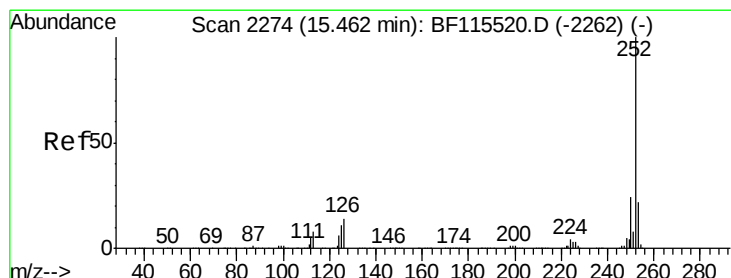
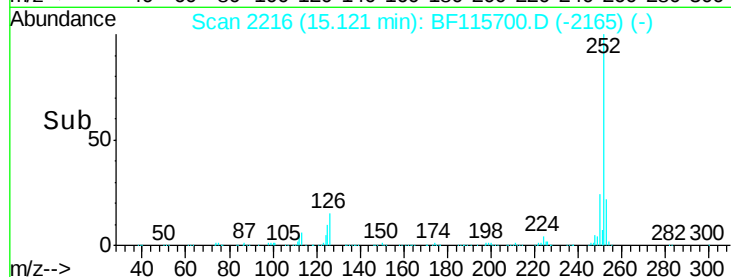
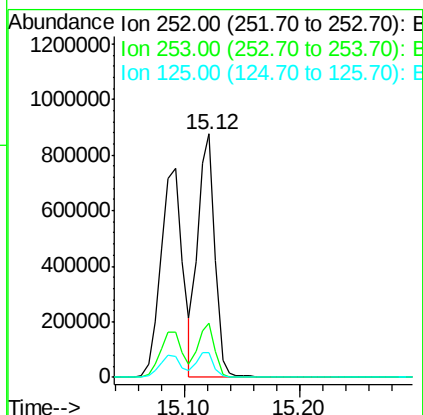
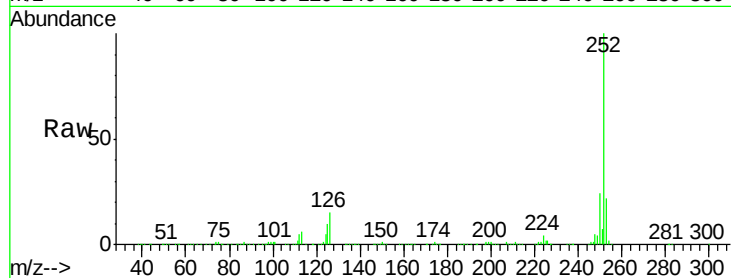




#89
Benzo(k)fluoranthene
Concen: 38.960 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

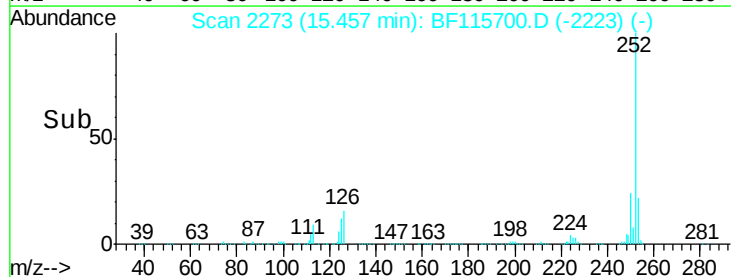
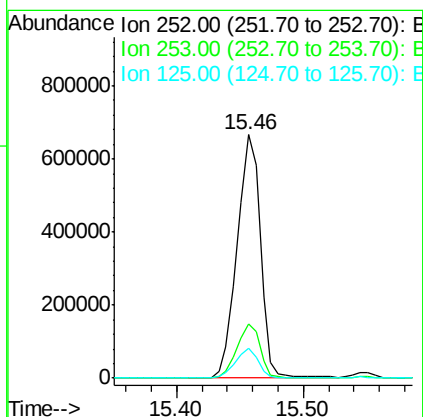
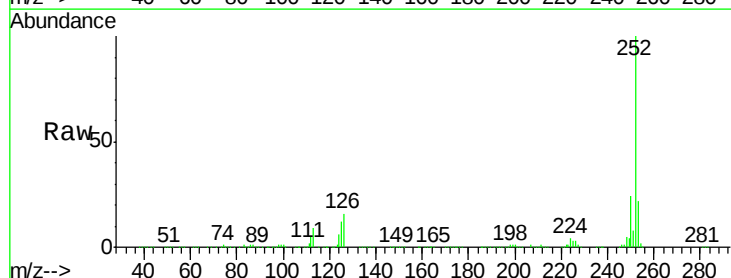
Instrument :
BNA_F
ClientSampled :

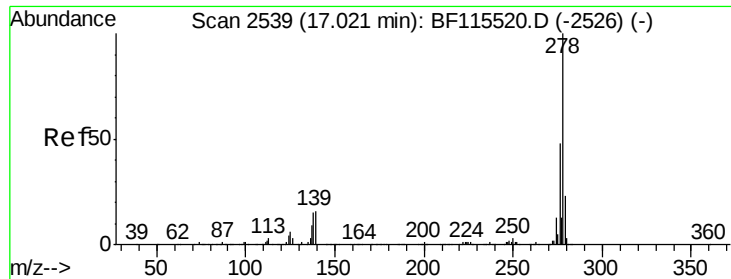
Tot Ion:252 Resp: 913636
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 10.1 9.0 13.6



#90
Benzo(a)pyrene
Concen: 37.461 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115700.D
Acq: 22 Jul 2019 10:33

Tgt Ion:252 Resp: 846889
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.0 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 36.388 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

Instrument :

BNA_F

ClientSampleId :

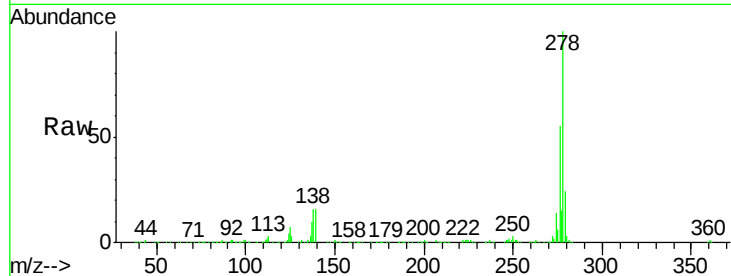
Tot Ion:278 Resp: 722178

Ion Ratio Lower Upper

278 100

139 15.6 13.1 19.7

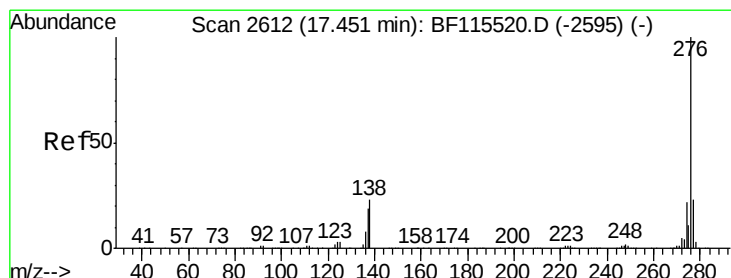
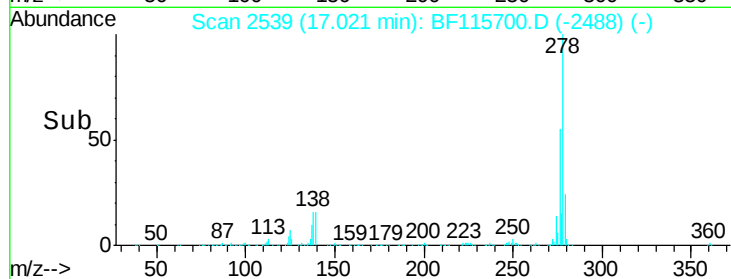
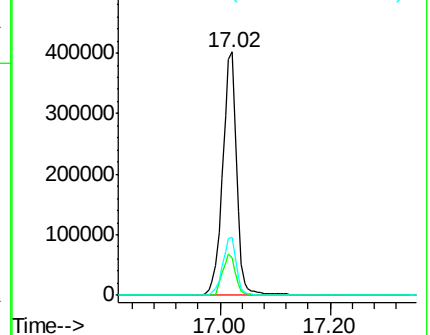
279 23.7 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 34.094 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.00 min

Lab File: BF115700.D

Acq: 22 Jul 2019 10:33

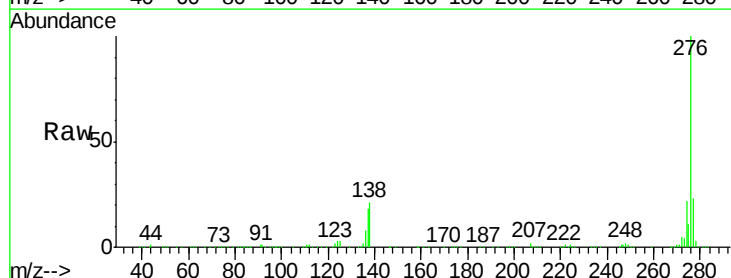
Tgt Ion:276 Resp: 674847

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 21.3 17.2 25.8



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

