

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115551.D
 Acq On : 15 Jul 2019 8:30
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:33:31 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	6.89	152	272652	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1133538	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	553726	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1050538	20.00	ng	0.00
76) Chrysene-d12	14.04	240	629271	20.00	ng	0.00
87) Perylene-d12	15.52	264	560884	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	1212278	72.73	ng	0.00
7) Phenol-d6	6.52	99	1595283	75.42	ng	0.00
23) Nitrobenzene-d5	7.45	82	1510524	77.48	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	504859	78.11	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2472179	78.14	ng	0.00
79) Terphenyl-d14	12.99	244	2595742	76.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	303236	36.470	ng	99
3) Pyridine	3.45	79	810059	35.909	ng	100
4) n-Nitrosodimethylamine	3.41	42	309871	37.864	ng	100
6) Aniline	6.56	93	1143306	38.843	ng	99
8) 2-Chlorophenol	6.67	128	740710	38.650	ng	99
9) Benzaldehyde	6.43	77	460275	34.824	ng	99
10) Phenol	6.53	94	916893	37.343	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	716561	38.332	ng	99
12) 1,3-Dichlorobenzene	6.83	146	808666	37.530	ng	98
13) 1,4-Dichlorobenzene	6.90	146	815953	37.954	ng	98
14) 1,2-Dichlorobenzene	7.06	146	746857	38.003	ng	96
15) Benzyl Alcohol	7.03	79	666105	39.700	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	957954	38.924	ng	98
17) 2-Methylphenol	7.14	107	647797	39.223	ng	100
18) Hexachloroethane	7.40	117	303431	38.026	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	537414	38.959	ng	99
20) 3+4-Methylphenols	7.29	107	716096	36.503	ng	94
22) Acetophenone	7.30	105	973419	38.012	ng	98
24) Nitrobenzene	7.47	77	827693	39.364	ng	96
25) Isophorone	7.72	82	1519458	38.952	ng	99
26) 2-Nitrophenol	7.79	139	431990	39.915	ng	94
27) 2,4-Dimethylphenol	7.82	122	623694	38.516	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	936838	39.147	ng	99
29) 2,4-Dichlorophenol	8.03	162	661083	39.254	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	738480	38.793	ng	100
31) Naphthalene	8.19	128	2068028	37.671	ng	99
32) Benzoic acid	7.97	122	487240	36.664	ng	99
33) 4-Chloroaniline	8.23	127	944230	38.830	ng	99
34) Hexachlorobutadiene	8.31	225	427619	39.171	ng	100
35) Caprolactam	8.63	113	188656	36.252	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	681751	39.026	ng	99
37) 2-Methylnaphthalene	8.89	142	1395716	38.355	ng	97
38) 1-Methylnaphthalene	8.98	142	1325800	38.357	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	644886	38.675	ng	98

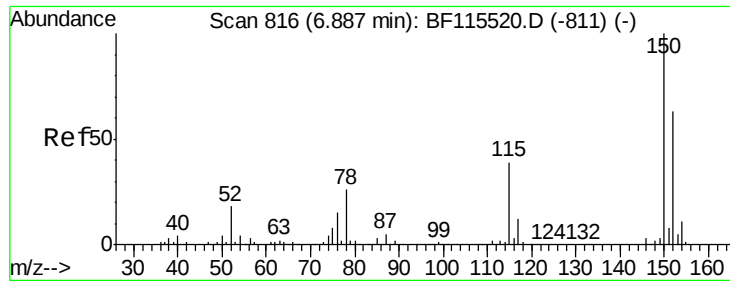
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115551.D
 Acq On : 15 Jul 2019 8:30
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:33:31 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	9.04	237	370541	38.956	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	482745	39.589	ng	97
44) 2,4,5-Trichlorophenol	9.20	196	501938	40.194	ng	97
46) 1,1'-Biphenyl	9.35	154	1643088	37.956	ng	99
47) 2-Chloronaphthalene	9.37	162	1397552	38.772	ng	99
48) 2-Nitroaniline	9.46	65	442707	39.681	ng	98
49) Acenaphthylene	9.79	152	2033572	38.075	ng	98
50) Dimethylphthalate	9.65	163	1632101	39.176	ng	100
51) 2,6-Dinitrotoluene	9.71	165	377236	39.845	ng	95
52) Acenaphthene	9.96	154	1325977	38.454	ng	99
53) 3-Nitroaniline	9.88	138	430623	39.802	ng	97
54) 2,4-Dinitrophenol	9.98	184	203846	41.936	ng	97
55) Dibenzofuran	10.13	168	1796384	36.684	ng	98
56) 4-Nitrophenol	10.03	139	322907	39.139	ng	98
57) 2,4-Dinitrotoluene	10.12	165	495509	40.398	ng	# 87
58) Fluorene	10.47	166	1321666	37.754	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	414679	39.723	ng	100
60) Diethylphthalate	10.35	149	1524620	39.059	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	695625	35.832	ng	95
62) 4-Nitroaniline	10.50	138	422941	40.754	ng	98
63) Azobenzene	10.63	77	1460817	38.583	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	259691	40.460	ng	98
66) n-Nitrosodiphenylamine	10.59	169	1237160	37.859	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	466867	38.889	ng	95
68) Hexachlorobenzene	11.03	284	532759	38.859	ng	97
69) Atrazine	11.11	200	389659	36.348	ng	99
70) Pentachlorophenol	11.22	266	337305	40.226	ng	100
71) Phenanthrene	11.44	178	2012128	37.366	ng	98
72) Anthracene	11.49	178	2042559	36.703	ng	99
73) Carbazole	11.64	167	1851663	37.942	ng	100
74) Di-n-butylphthalate	11.97	149	2219256	36.918	ng	98
75) Fluoranthene	12.62	202	2097948	36.868	ng	97
77) Benzidine	12.73	184	870200	39.036	ng	99
78) Pyrene	12.85	202	2104103	39.466	ng	99
80) Butylbenzylphthalate	13.46	149	902658	39.716	ng	98
81) Benzo(a)anthracene	14.04	228	1602319	38.651	ng	97
82) 3,3'-Dichlorobenzidine	14.00	252	591416	40.130	ng	# 98
83) Chrysene	14.07	228	1595345	38.334	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	1091220	38.762	ng	100
85) Di-n-octyl phthalate	14.64	149	1701671	37.990	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1405678	39.757	ng	99
88) Benzo(b)fluoranthene	15.09	252	1463129	40.512	ng	100
89) Benzo(k)fluoranthene	15.12	252	1181494	36.693	ng	98
90) Benzo(a)pyrene	15.46	252	1199592	38.645	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	1139884	41.828	ng	98
92) Benzo(g,h,i)perylene	17.45	276	1144759	42.120	ng	99

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

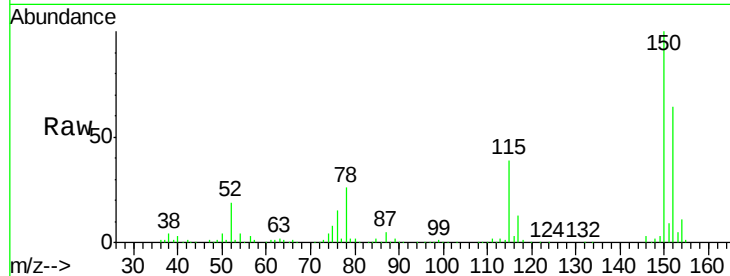


#1

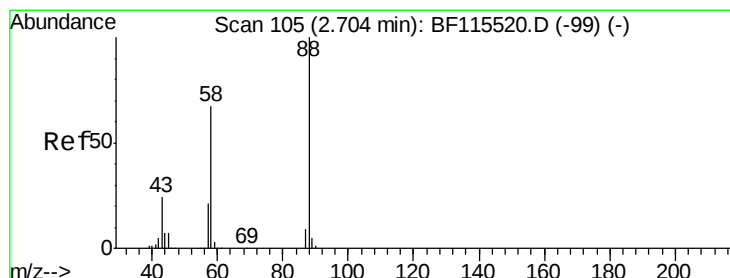
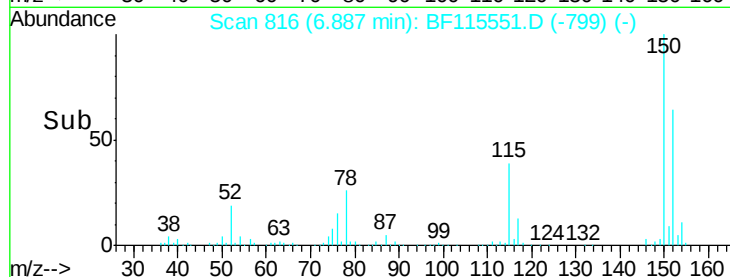
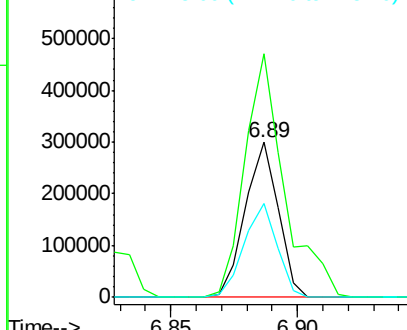
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 272652
Ion Ratio Lower Upper
152 100
150 157.4 129.7 194.5
115 61.0 48.2 72.4



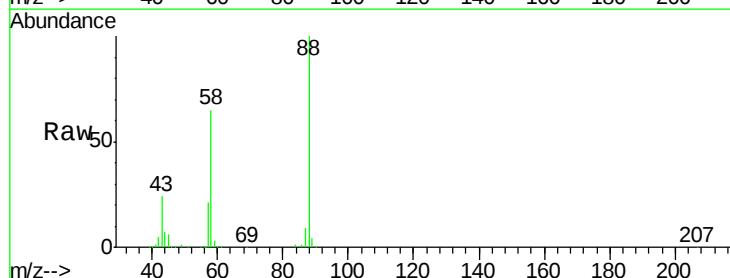
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



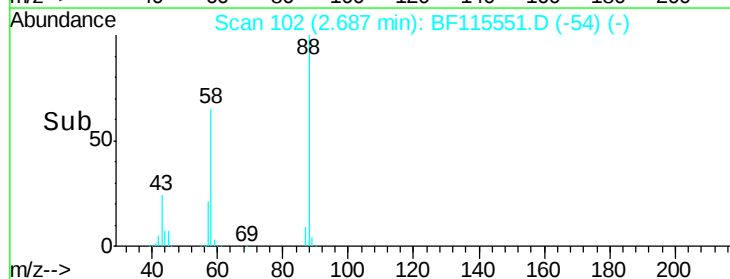
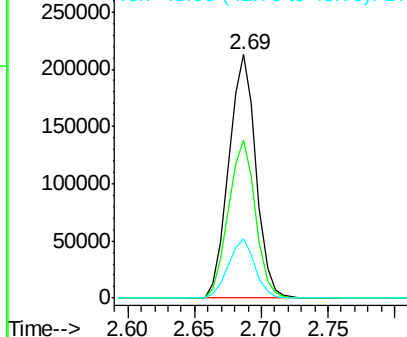
#2

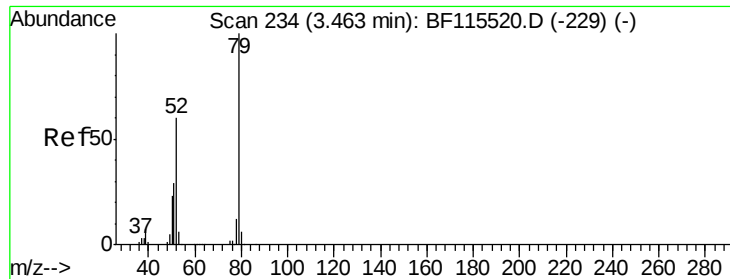
1,4-Dioxane
Concen: 36.470 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.02 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion: 88 Resp: 303236
Ion Ratio Lower Upper
88 100
58 64.6 52.6 79.0
43 23.7 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: 35.909 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.02 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

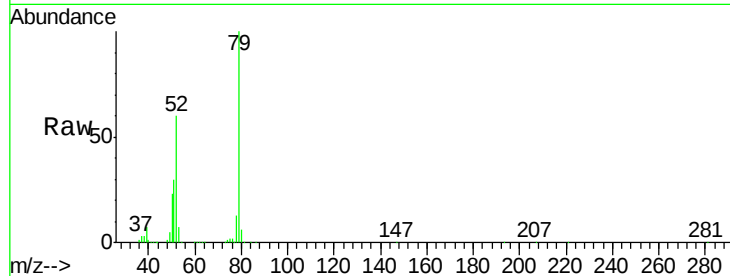
Tot Ion: 79 Resp: 810059

Ion Ratio Lower Upper

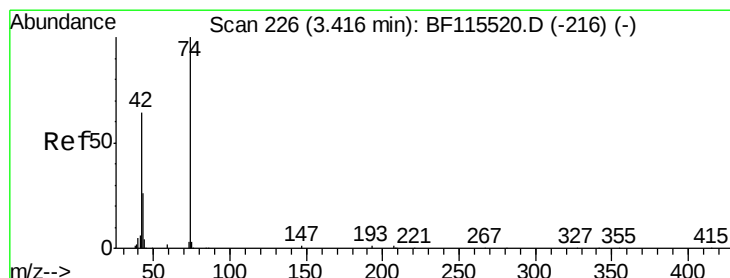
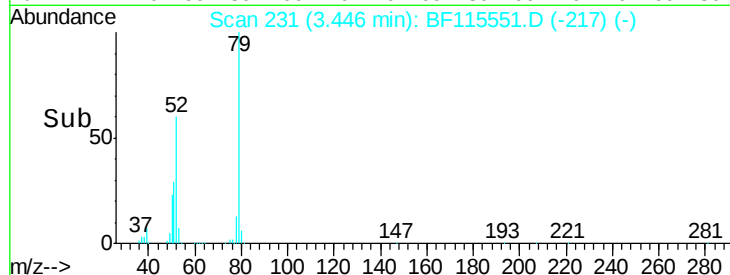
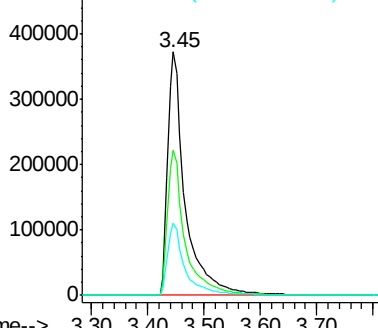
79 100

52 59.7 47.8 71.6

51 29.6 23.8 35.8



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



#4

n-Nitrosodimethylamine

Concen: 37.864 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

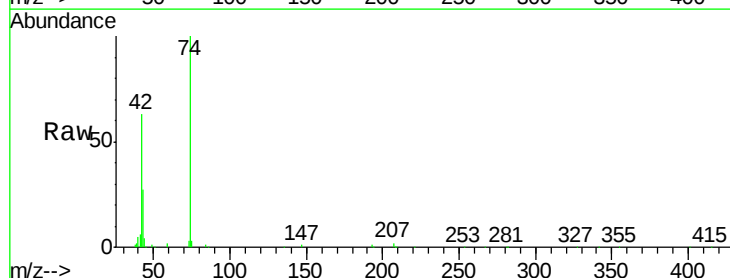
Tgt Ion: 42 Resp: 309871

Ion Ratio Lower Upper

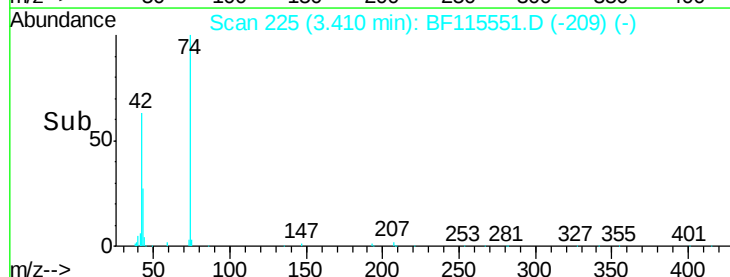
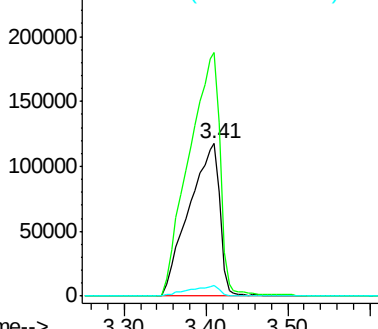
42 100

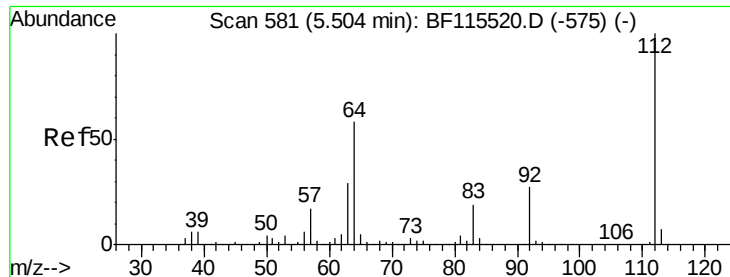
74 159.6 127.5 191.3

44 6.6 5.0 7.6



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





#5

2-Fluorophenol

Concen: 72.728 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampled :

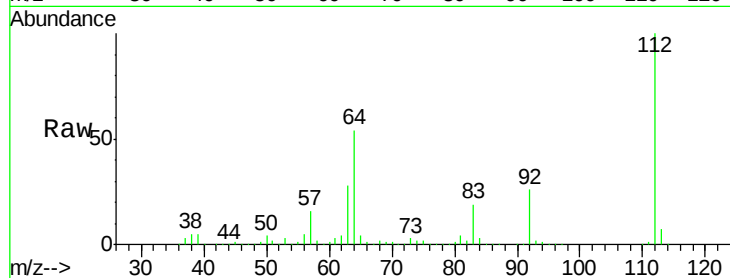
Tot Ion:112 Resp: 1212278

Ion Ratio Lower Upper

112 100

64 54.4 46.8 70.2

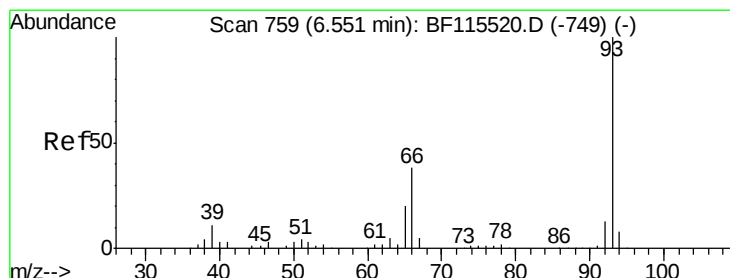
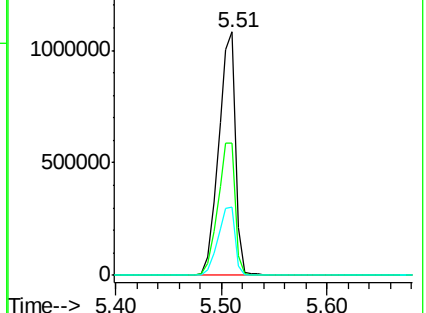
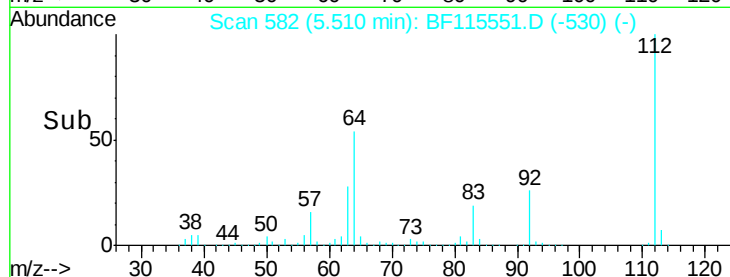
63 27.8 24.1 36.1



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: 38.843 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

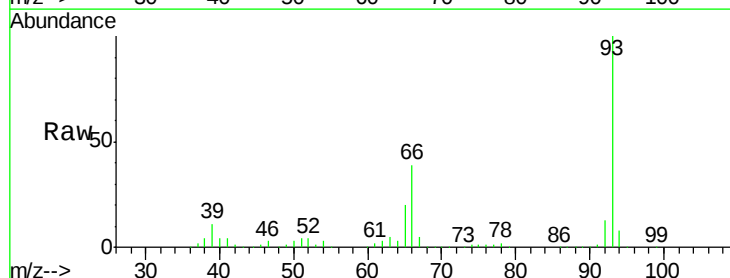
Tgt Ion: 93 Resp: 1143306

Ion Ratio Lower Upper

93 100

66 38.7 31.7 47.5

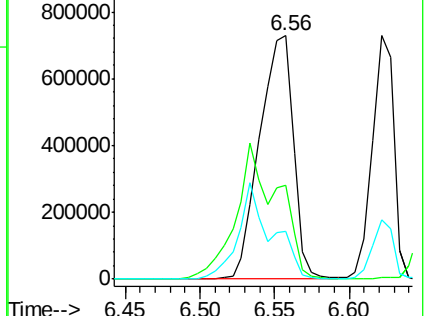
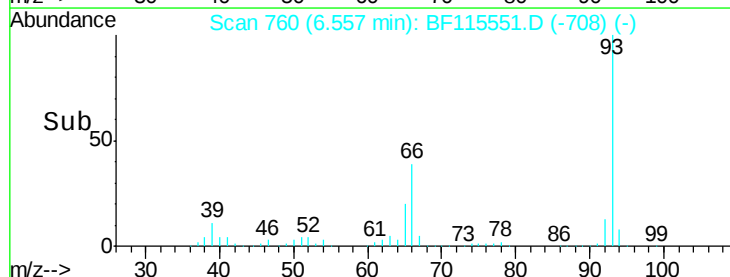
65 19.6 16.2 24.2

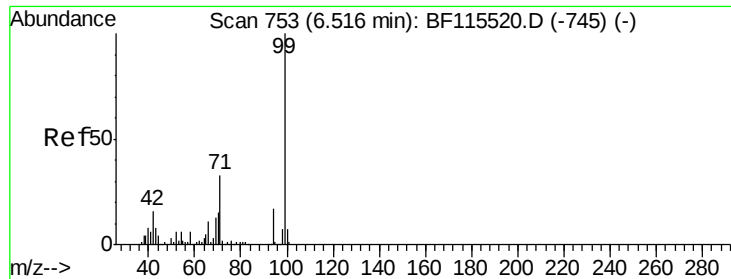


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.425 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampled :

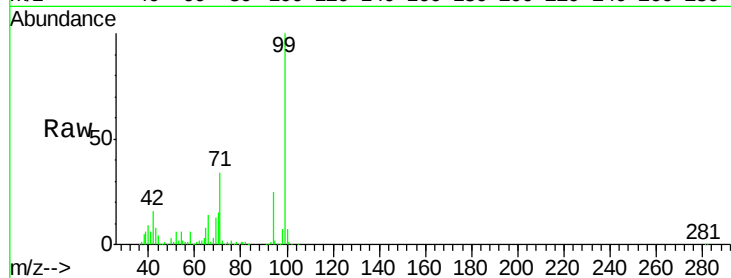
Tot Ion: 99 Resp: 1595283

Ion Ratio Lower Upper

99 100

42 16.2 13.6 20.4

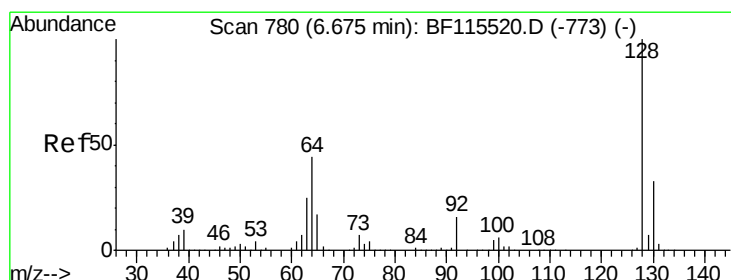
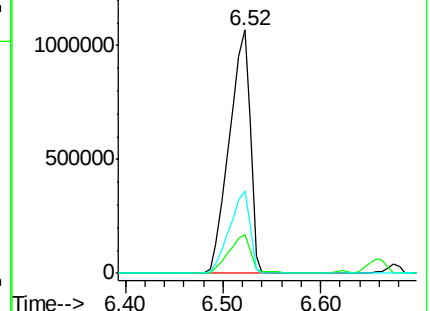
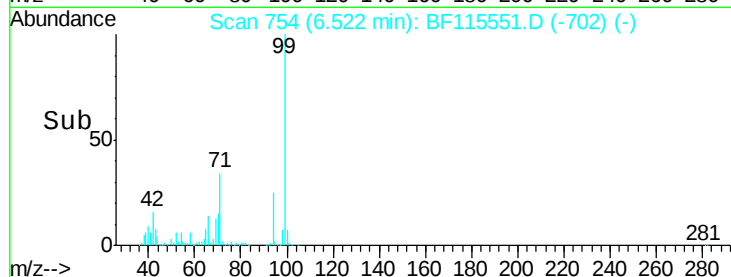
71 34.1 28.5 42.7



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: 38.650 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

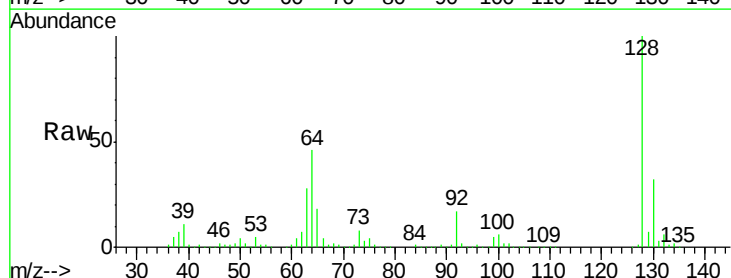
Tgt Ion: 128 Resp: 740710

Ion Ratio Lower Upper

128 100

130 32.2 12.8 52.8

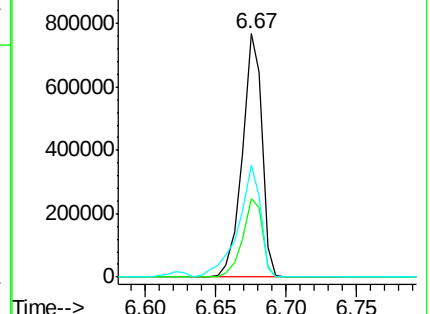
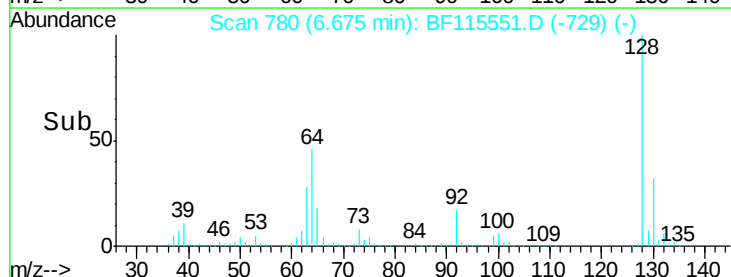
64 45.8 26.8 66.8

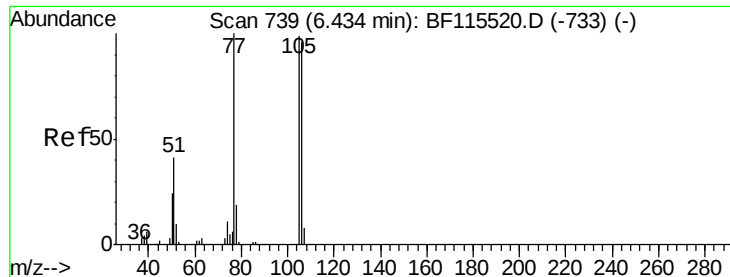


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.824 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

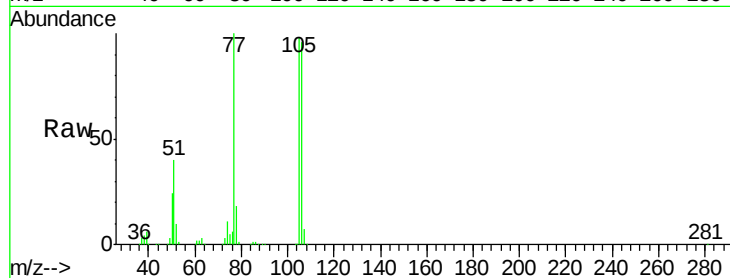
Tot Ion: 77 Resp: 460275

Ion Ratio Lower Upper

77 100

105 97.7 78.8 118.8

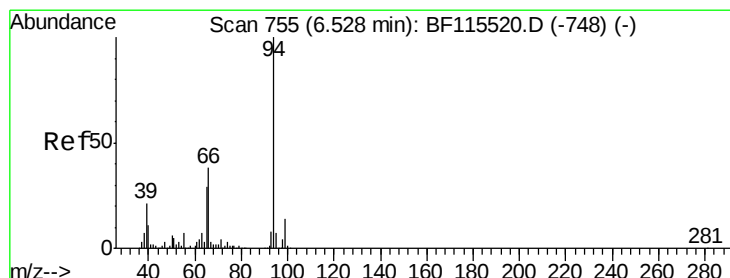
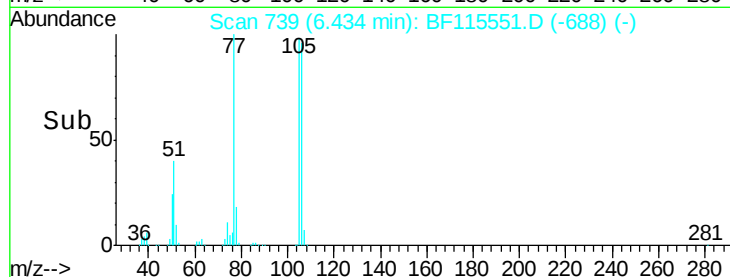
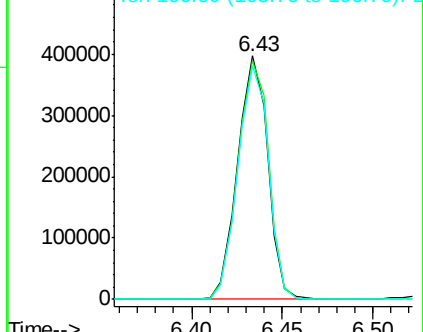
106 96.0 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.343 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

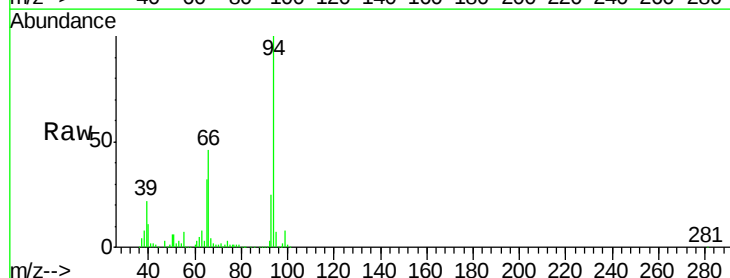
Tgt Ion: 94 Resp: 916893

Ion Ratio Lower Upper

94 100

65 32.3 14.5 54.5

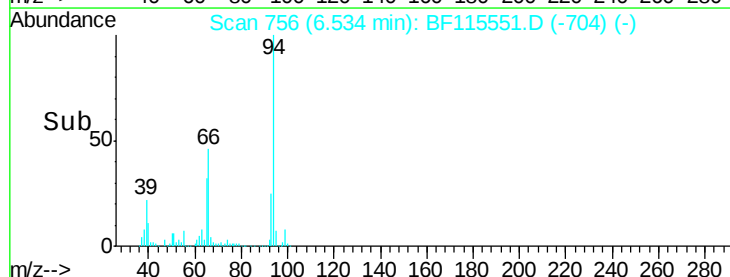
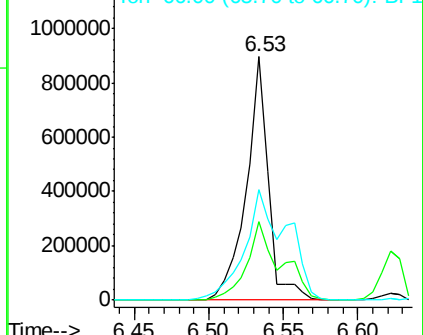
66 45.6 31.3 71.3

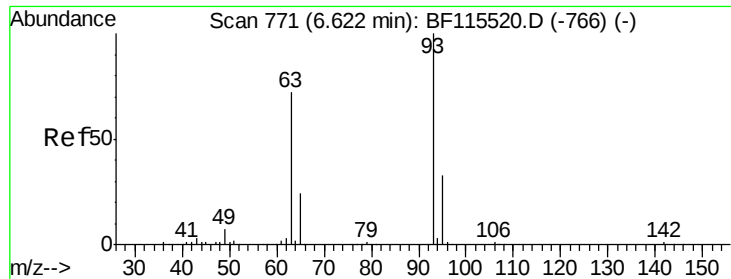


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

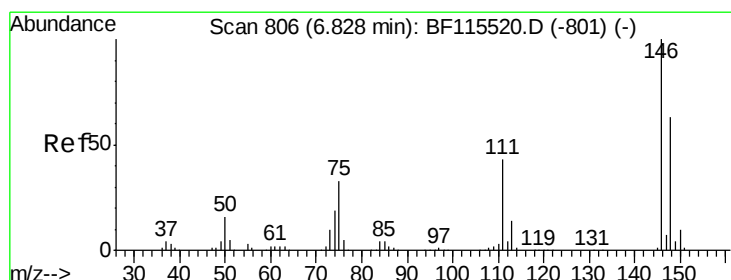
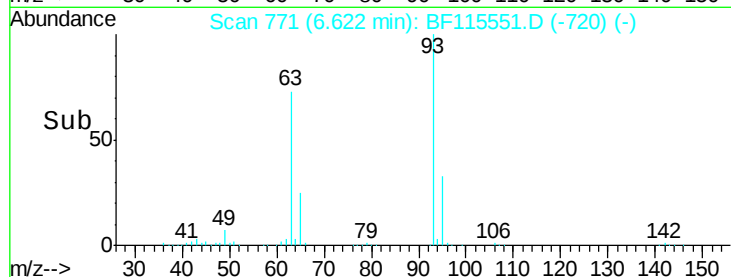
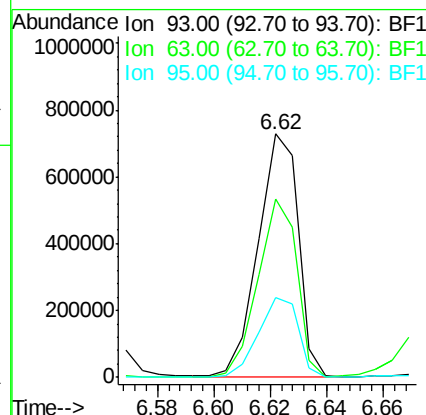
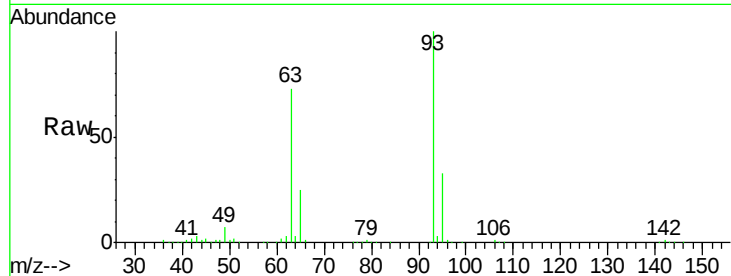




#11
bis(2-Chloroethyl)ether
Concen: 38.332 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

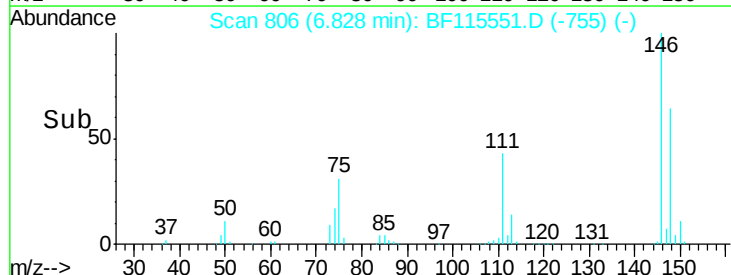
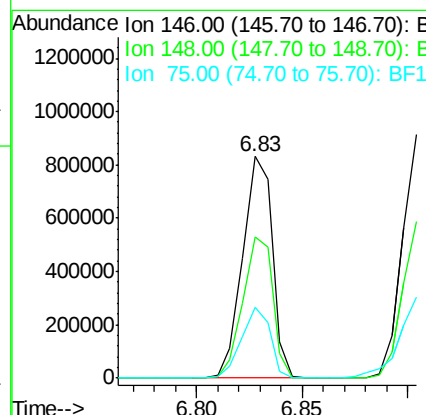
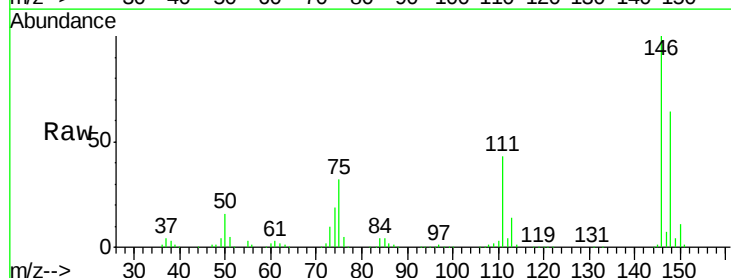
Instrument :
BNA_F
ClientSampleId :

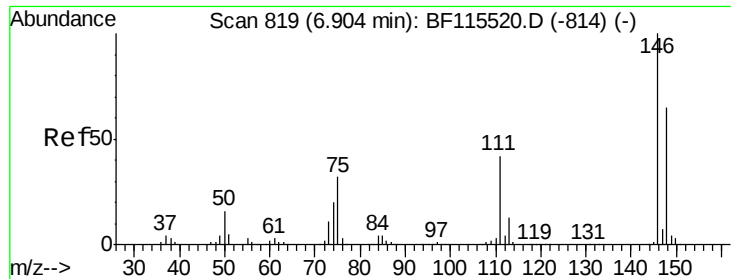
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.4	52.2	92.2
95	32.7	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 37.530 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.1	78.1
75	32.0	24.9	37.3

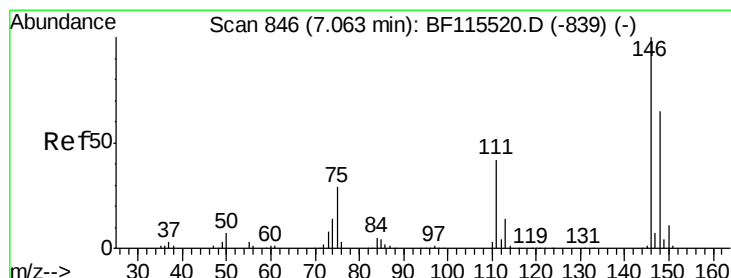
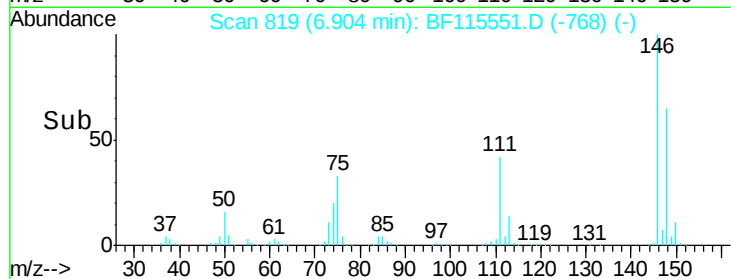
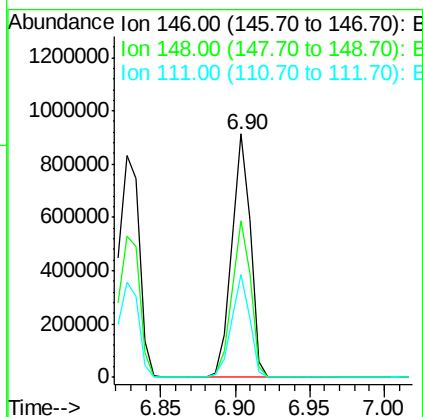
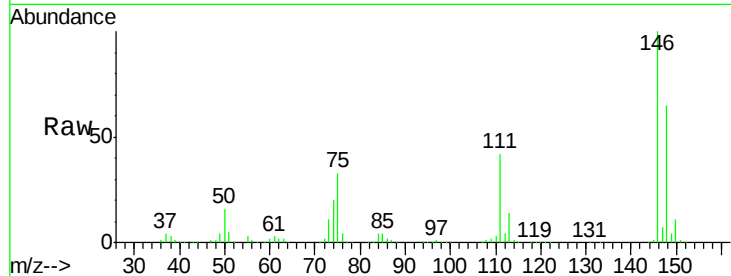




#13
 1,4-Dichlorobenzene
 Concen: 37.954 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

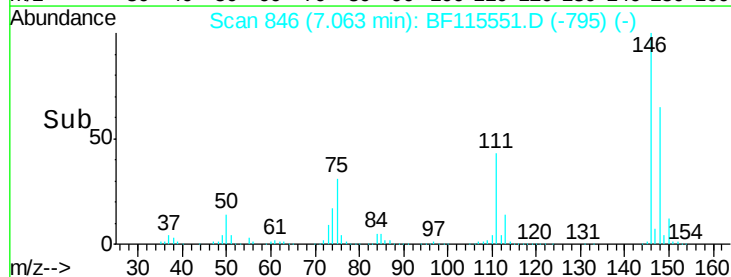
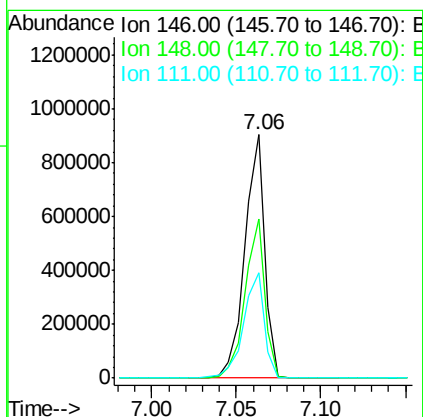
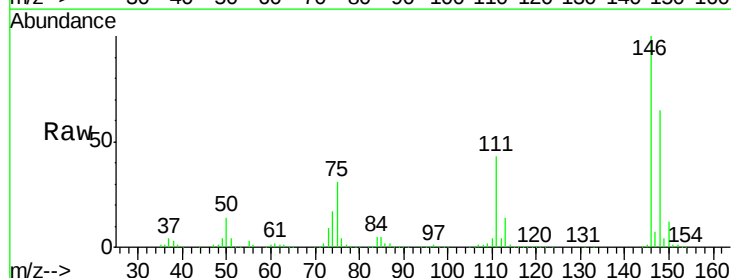
Instrument :
 BNA_F
 ClientSampleId :

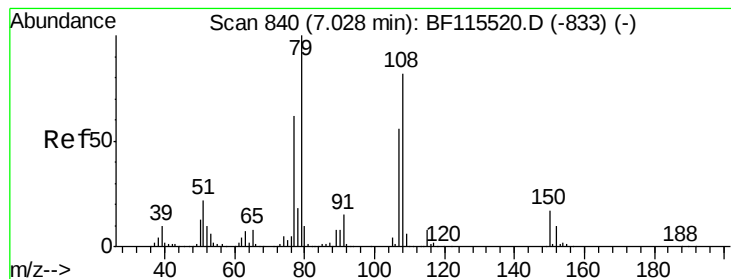
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
111	42.2	35.5	53.3



#14
 1,2-Dichlorobenzene
 Concen: 38.003 ng
 RT: 7.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.1	76.7
111	43.2	37.6	56.4





#15

Benzyl Alcohol

Concen: 39.700 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

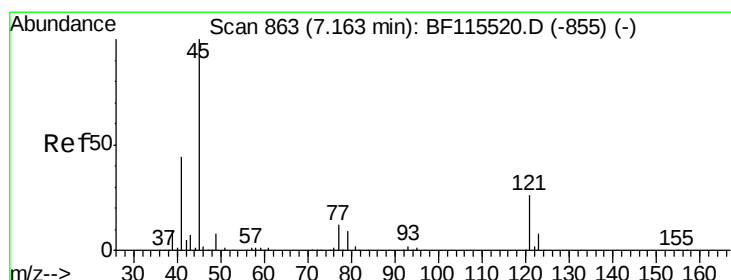
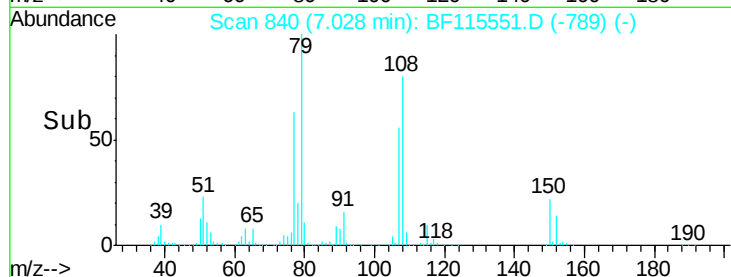
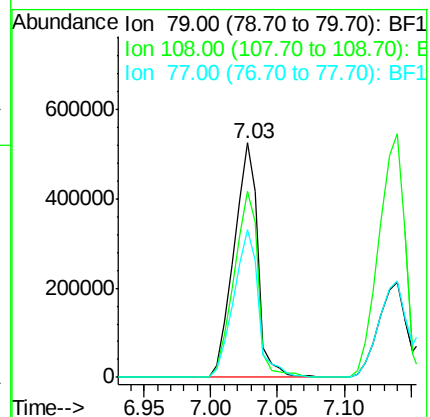
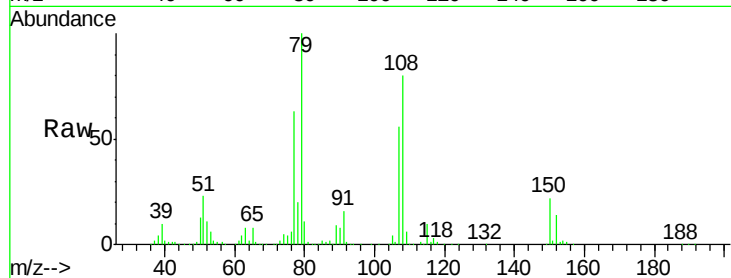
Tot Ion: 79 Resp: 666105

Ion Ratio Lower Upper

79 100

108 79.6 64.2 96.4

77 62.8 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.924 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

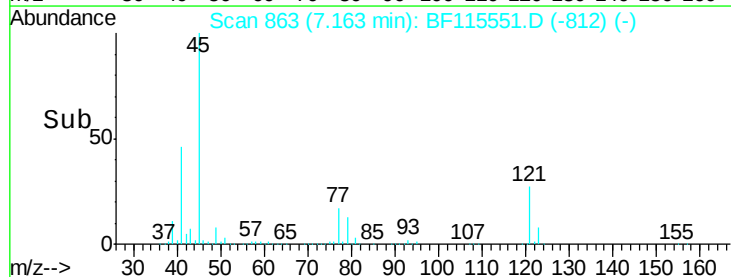
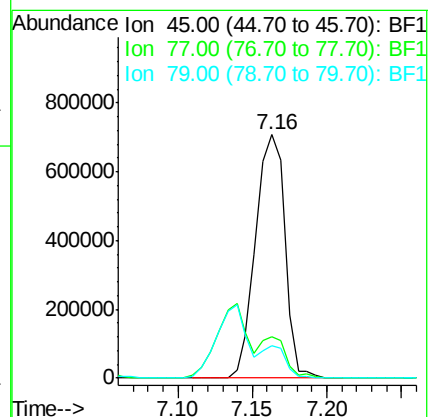
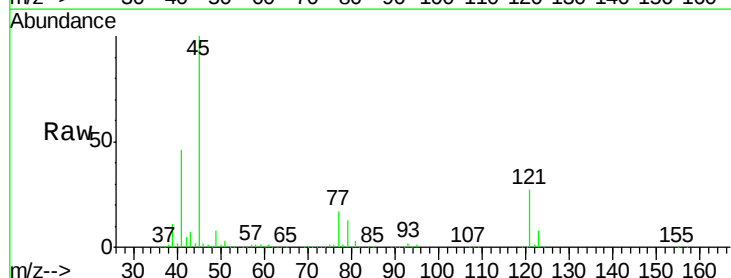
Tgt Ion: 45 Resp: 957954

Ion Ratio Lower Upper

45 100

77 16.9 0.0 38.1

79 13.2 0.0 34.1

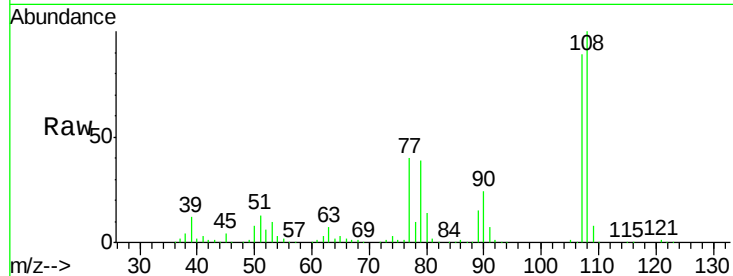




#17
2-Methylphenol
Concen: 39.223 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.4	134.2
77	44.5	35.7	53.5
79	43.9	35.0	52.4



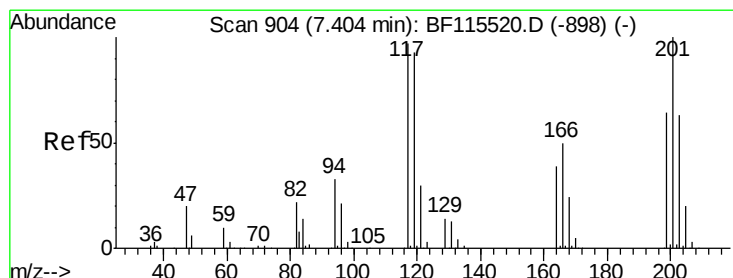
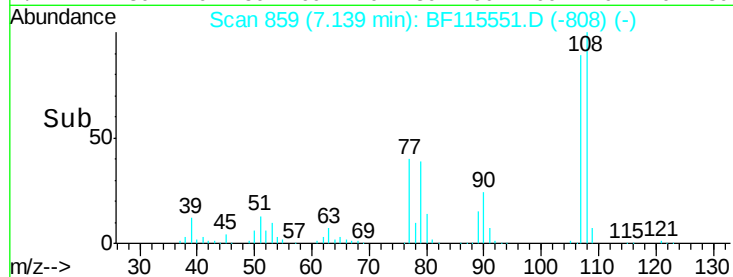
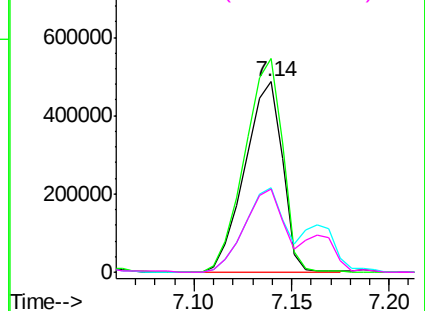
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

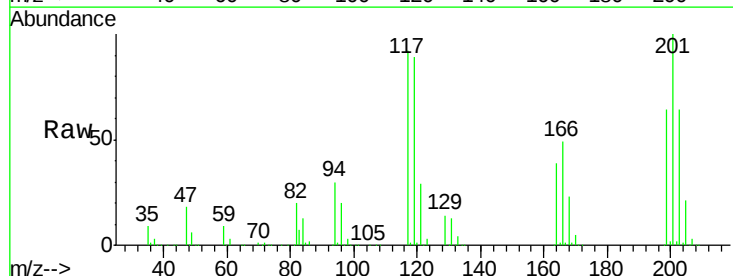
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.026 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.7	116.5
201	108.7	86.0	129.0

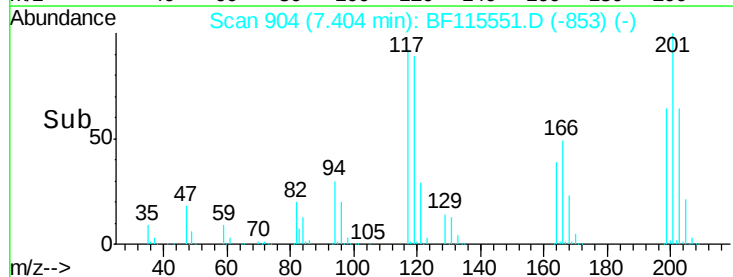
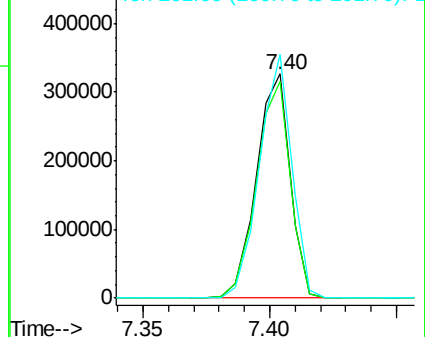


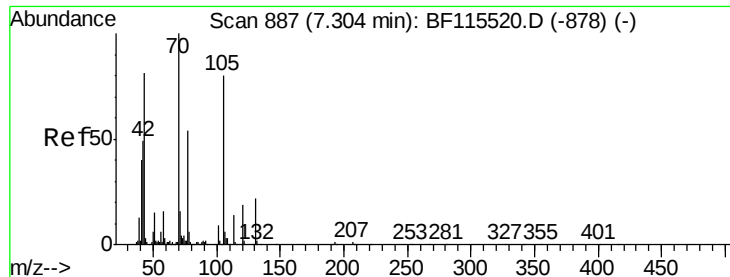
Abundance

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

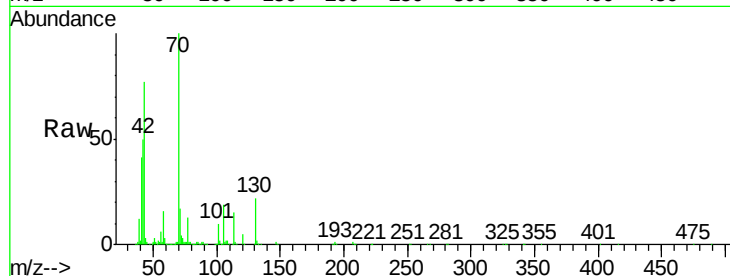




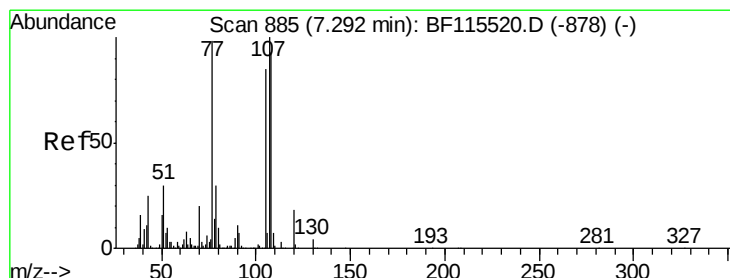
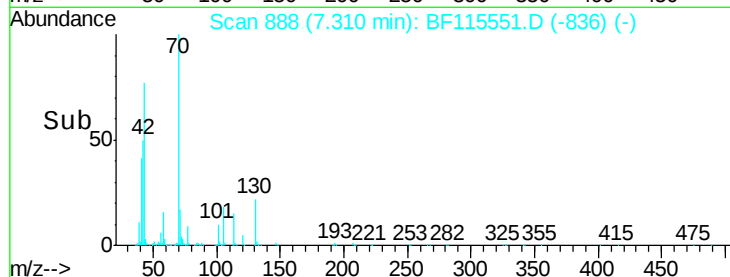
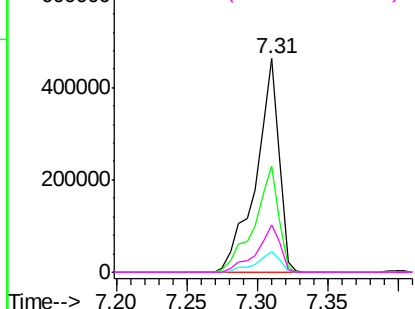
#19
n-Nitroso-di-n-propylamine
Concen: 38.959 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 537414
Ion Ratio Lower Upper
70 100
42 49.9 39.6 59.4
101 9.9 8.1 12.1
130 22.3 18.2 27.2



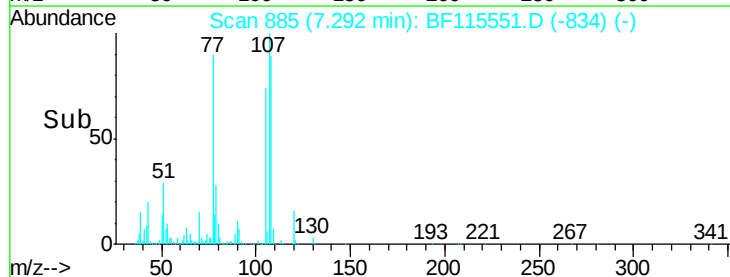
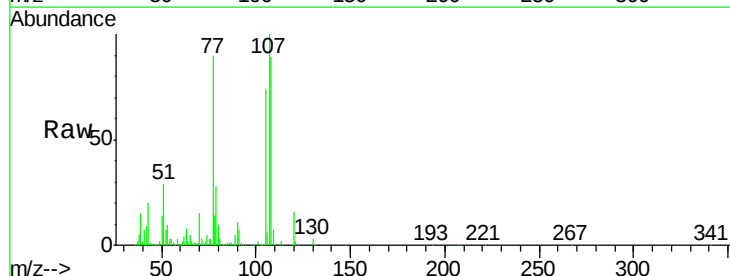
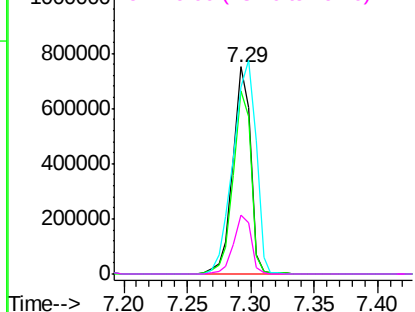
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 36.503 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion:107 Resp: 716096
Ion Ratio Lower Upper
107 100
108 88.6 72.9 112.9
77 90.2 77.6 117.6
79 28.2 10.5 50.5

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

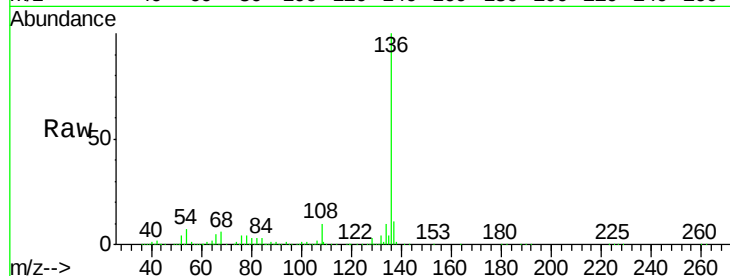




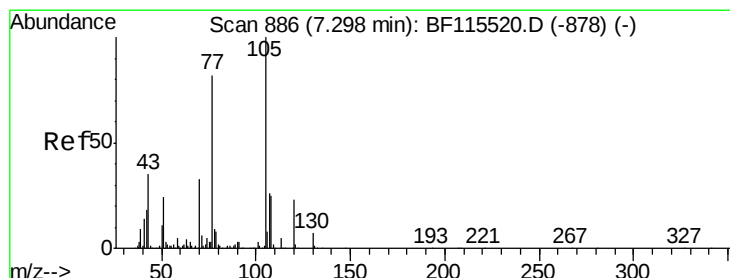
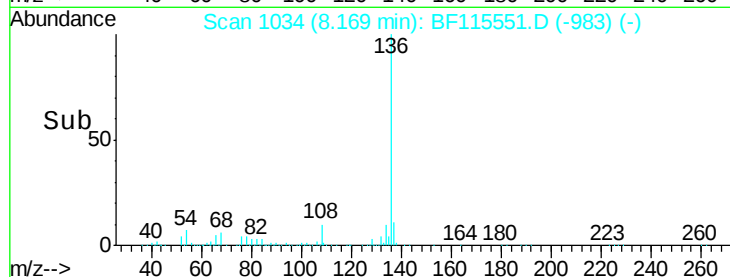
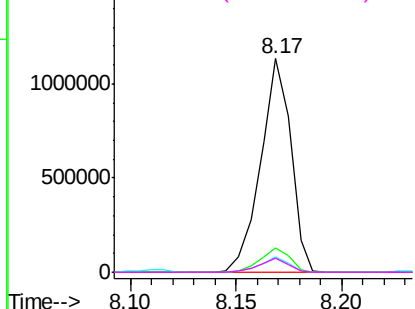
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1133538
Ion Ratio	Lower Upper
136 100	
137 11.4	9.0 13.4
54 7.0	5.6 8.4
68 6.4	5.0 7.6

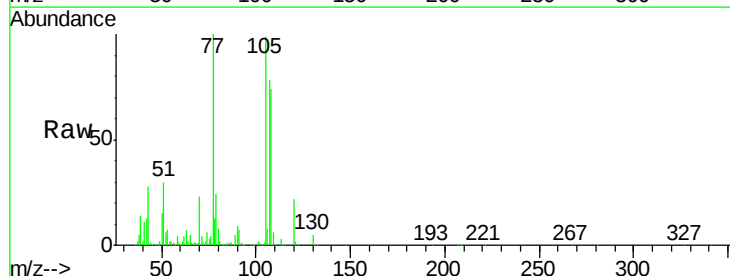


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

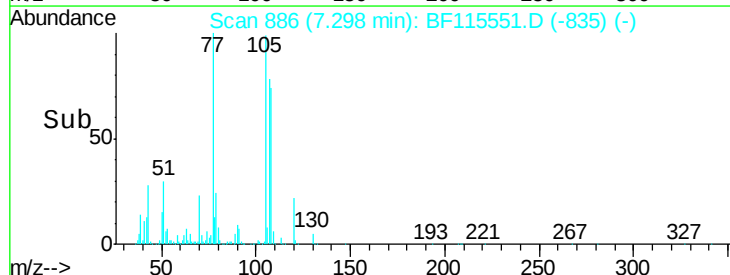
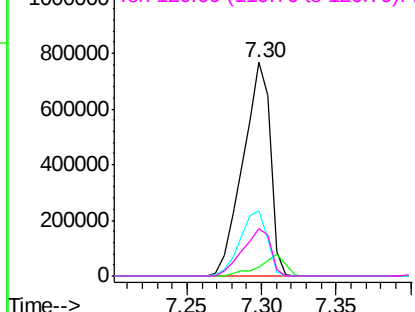


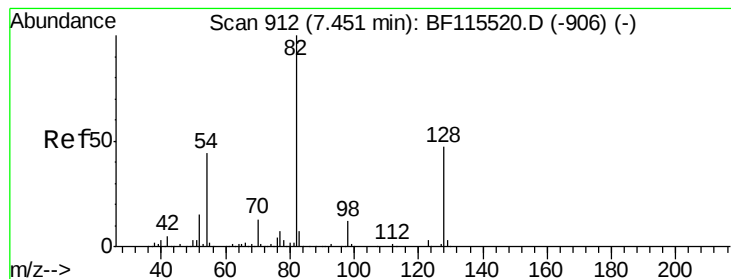
#22
Acetophenone
Concen: 38.012 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt	Ion:105	Resp:	973419
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.5	5.3
51	30.5	25.6	38.4
120	22.0	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: 77.485 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

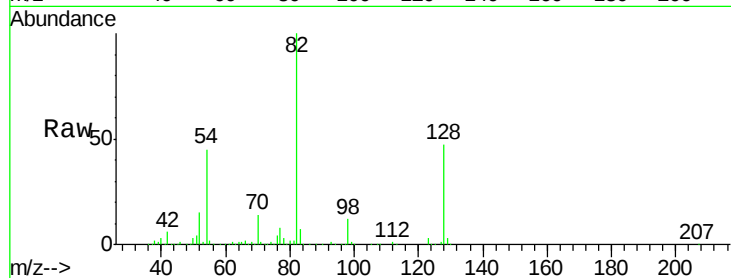
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1510524

Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.6	57.8
54	44.5	35.6	53.4

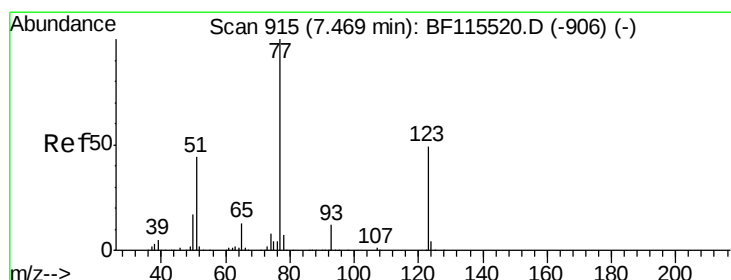
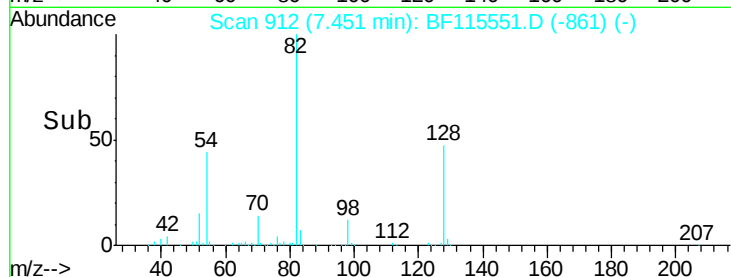
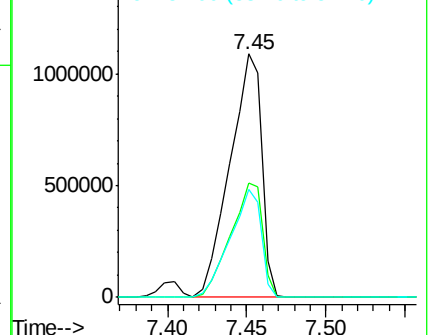


Abundance

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: 39.364 ng

RT: 7.47 min Scan# 915

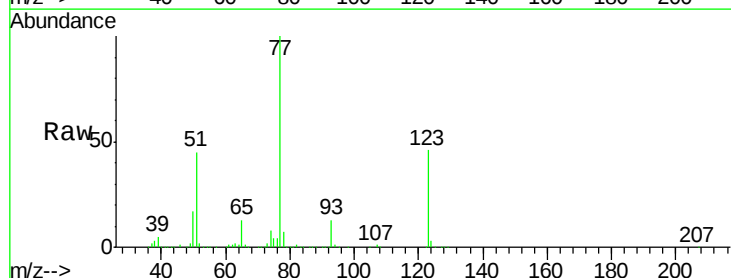
Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Tgt Ion: 77 Resp: 827693

Ion	Ratio	Lower	Upper
77	100		
123	46.3	40.0	60.0
65	13.4	11.0	16.4

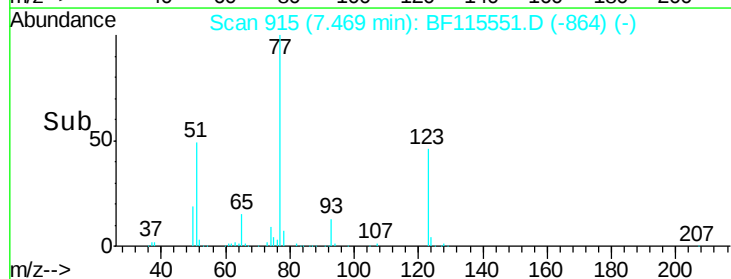
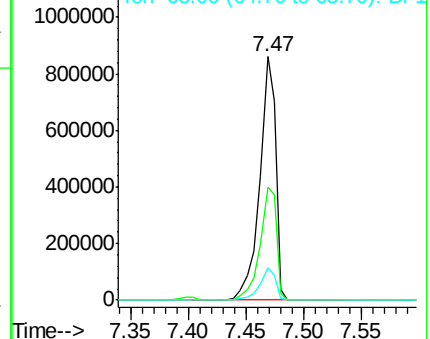


Abundance

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

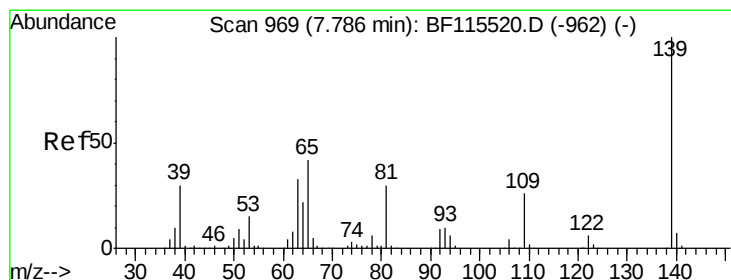
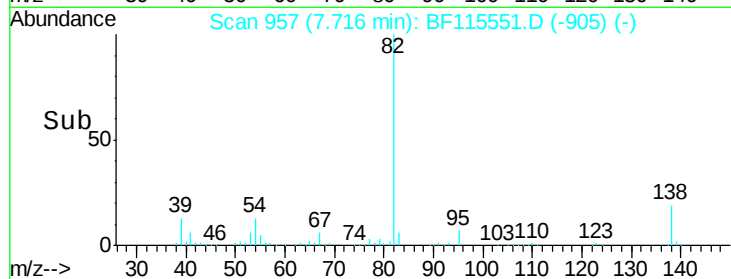
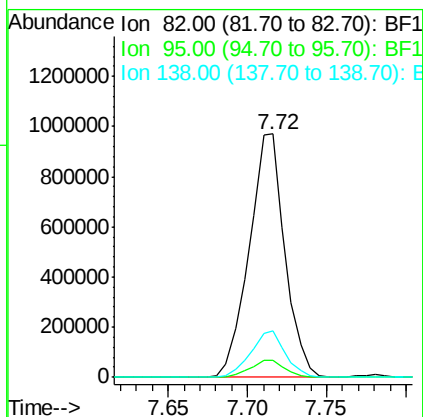
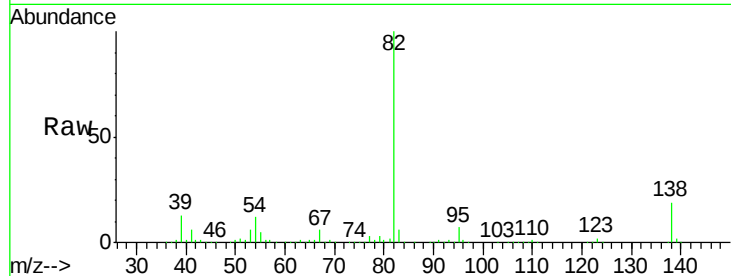




#25
Isophorone
Concen: 38.952 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.01 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

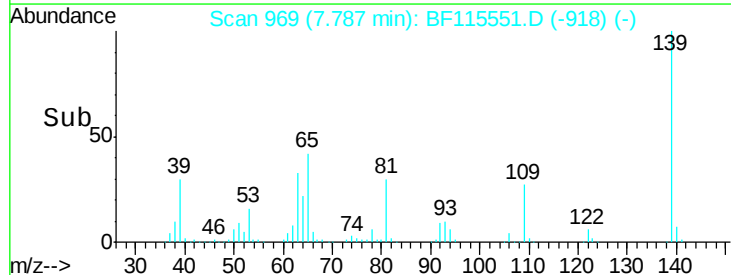
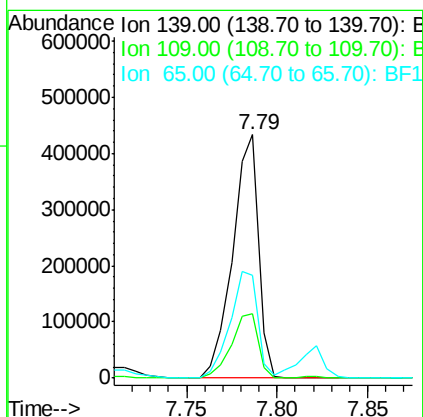
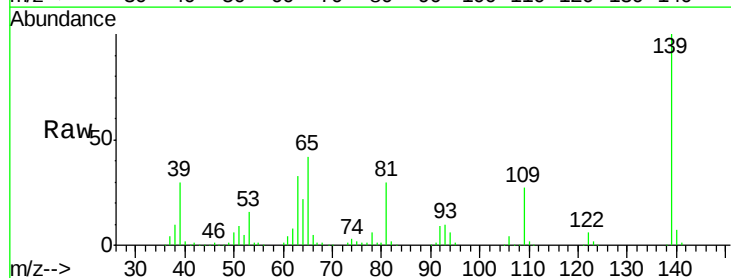
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1519458
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.9 14.9 22.3



#26
2-Nitrophenol
Concen: 39.915 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion: 139 Resp: 431990
Ion Ratio Lower Upper
139 100
109 26.6 23.3 34.9
65 42.5 37.9 56.9

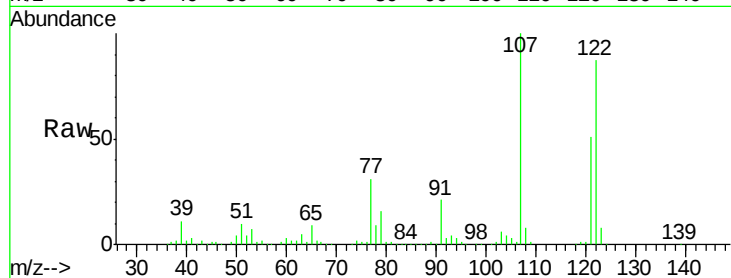




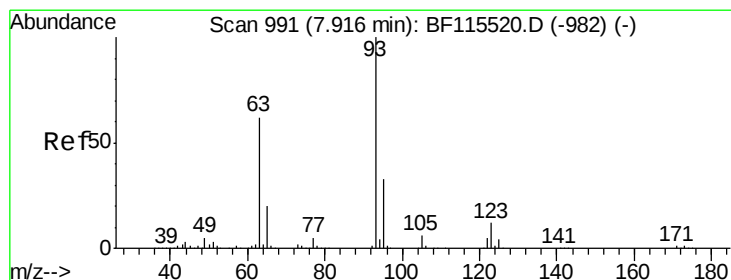
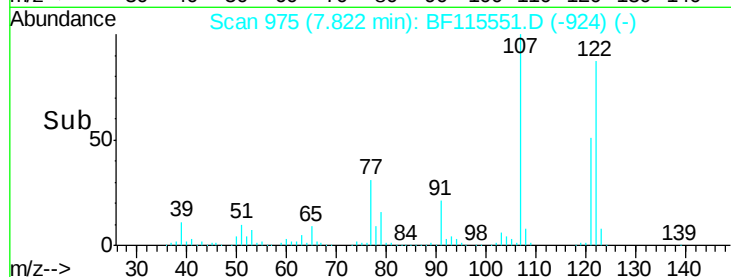
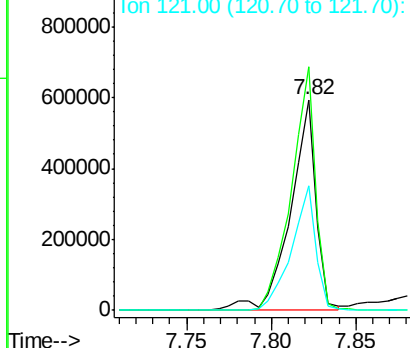
#27
2,4-Dimethylphenol
Concen: 38.516 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 623694
Ion Ratio Lower Upper
122 100
107 115.4 92.9 139.3
121 59.2 46.9 70.3

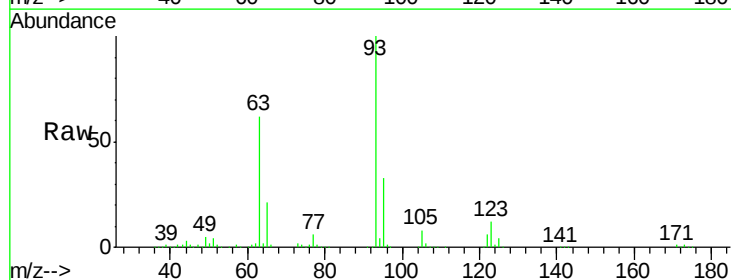


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

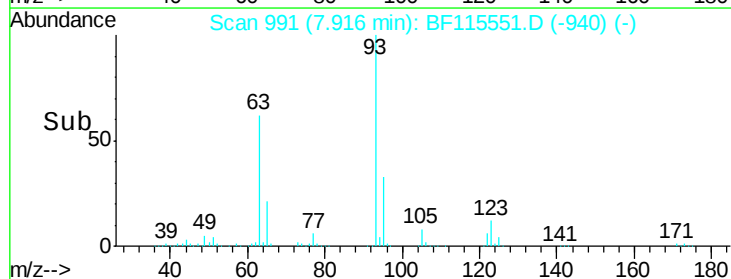
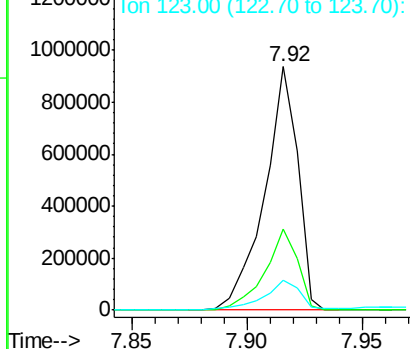


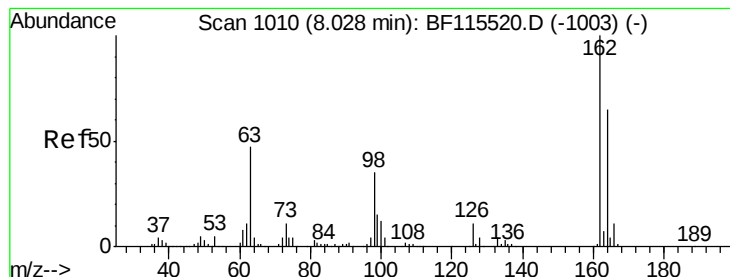
#28
bis(2-Chloroethoxy)methane
Concen: 39.147 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion: 93 Resp: 936838
Ion Ratio Lower Upper
93 100
95 33.2 27.0 40.4
123 12.3 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: 39.254 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

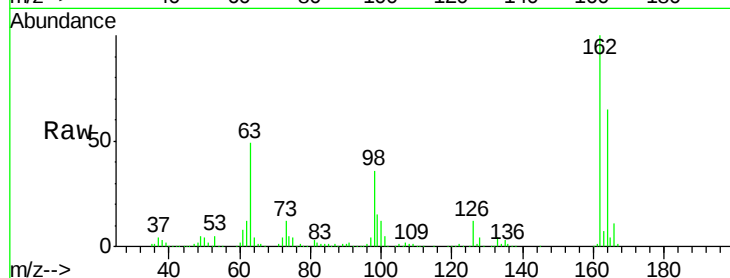
Tot Ion:162 Resp: 661083

Ion Ratio Lower Upper

162 100

164 65.4 44.9 84.9

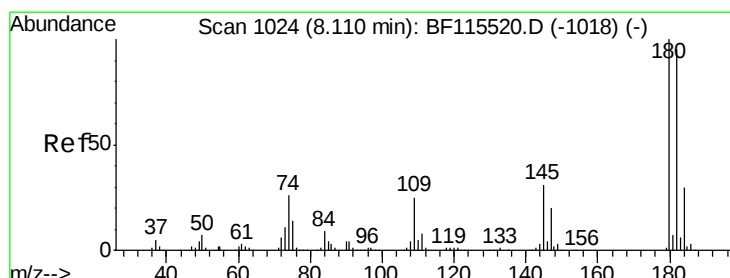
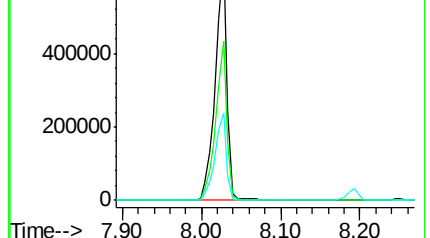
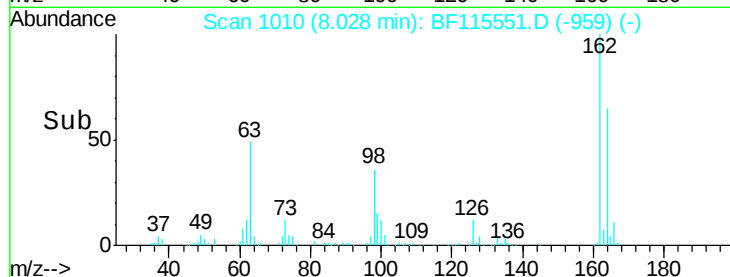
98 35.8 17.7 57.7



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: 38.793 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

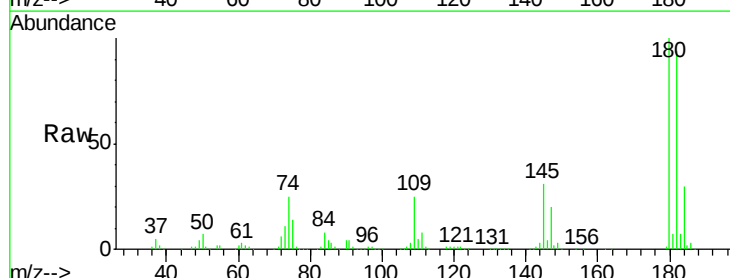
Tgt Ion:180 Resp: 738480

Ion Ratio Lower Upper

180 100

182 94.2 75.0 112.6

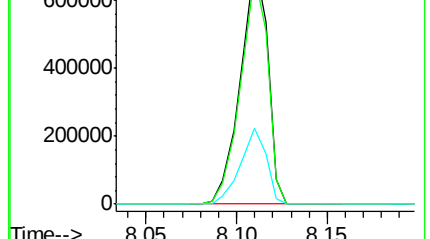
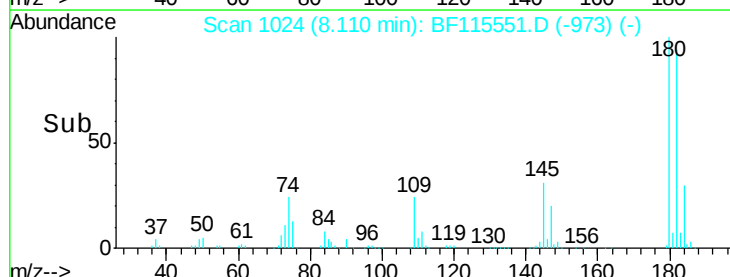
145 31.4 25.1 37.7

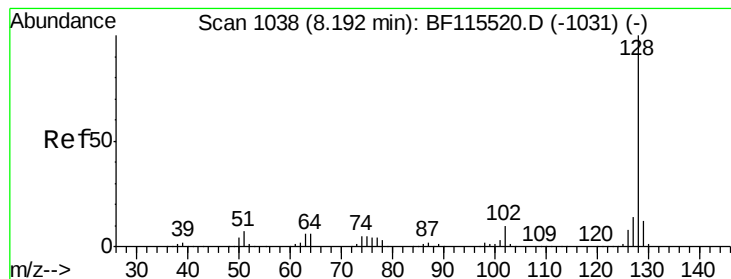


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.671 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

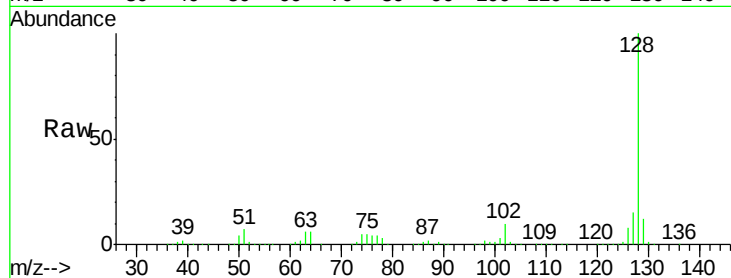
Tot Ion:128 Resp: 2068028

Ion Ratio Lower Upper

128 100

129 12.2 9.9 14.9

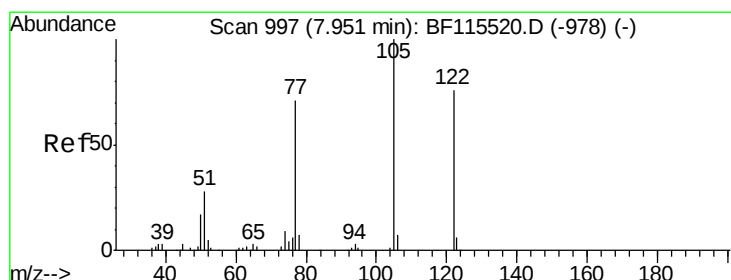
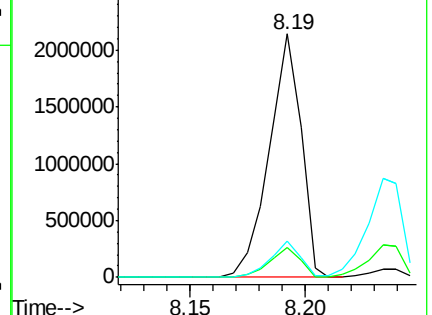
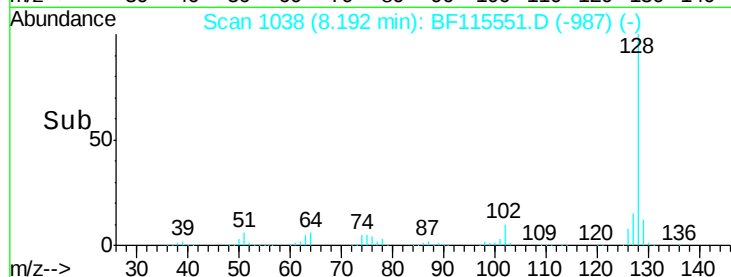
127 14.8 12.1 18.1



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: 36.664 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.02 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

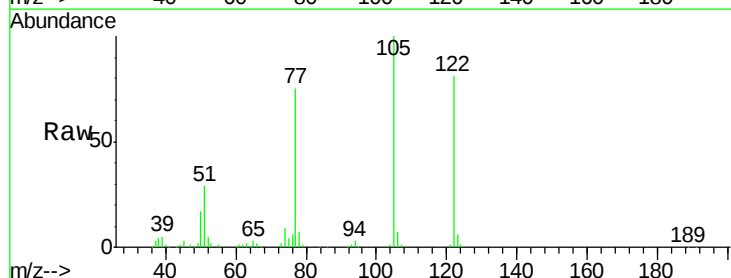
Tgt Ion:122 Resp: 487240

Ion Ratio Lower Upper

122 100

105 123.3 102.5 142.5

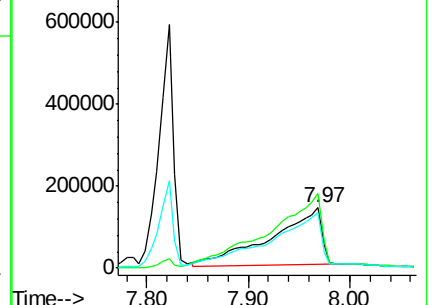
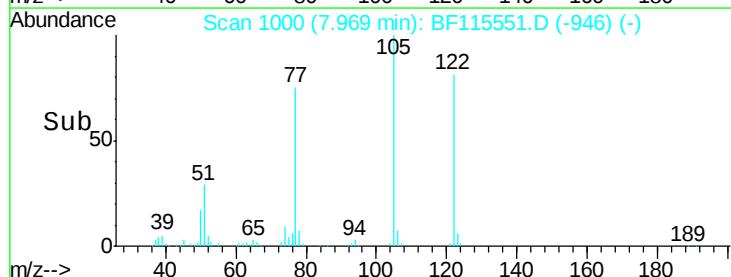
77 91.9 70.2 110.2

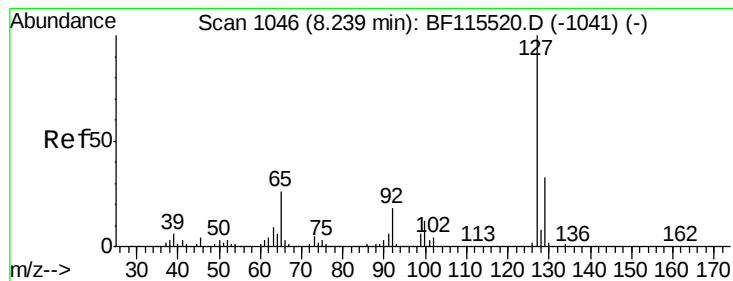


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 38.830 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 944230

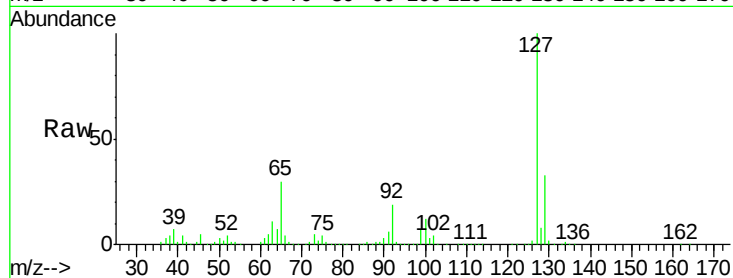
Ion Ratio Lower Upper

127 100

129 32.5 26.6 39.8

65 30.1 23.7 35.5

92 19.4 15.8 23.8

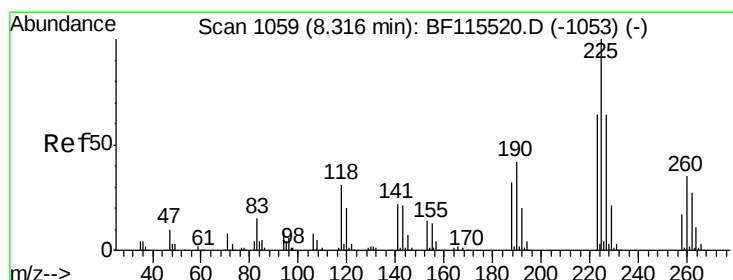
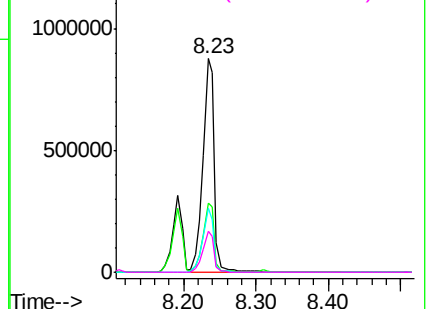
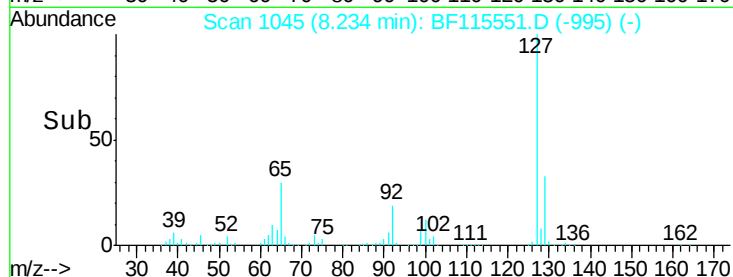


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.171 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

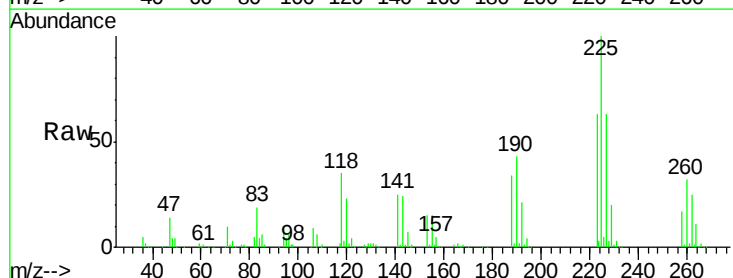
Tgt Ion:225 Resp: 427619

Ion Ratio Lower Upper

225 100

223 63.2 50.9 76.3

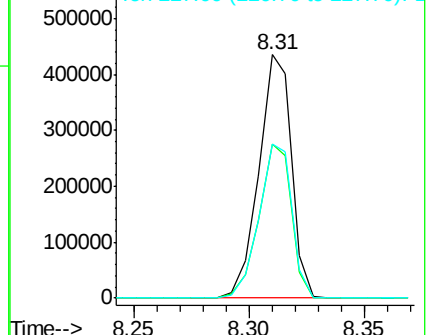
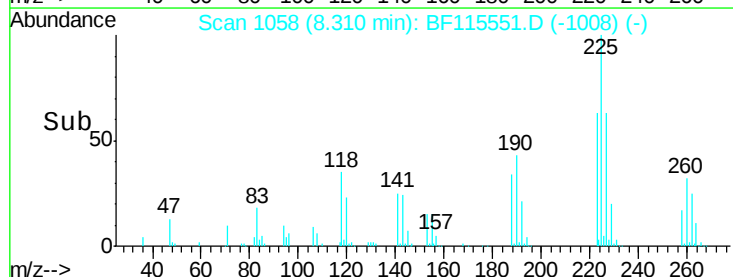
227 63.5 50.7 76.1

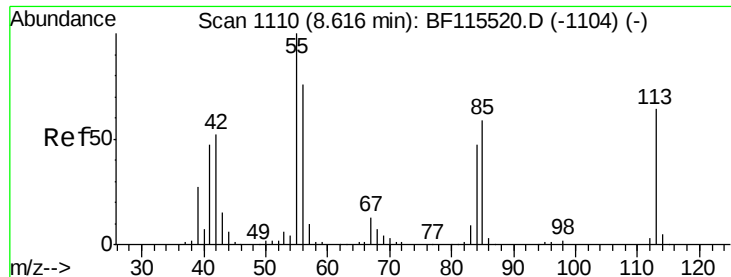


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

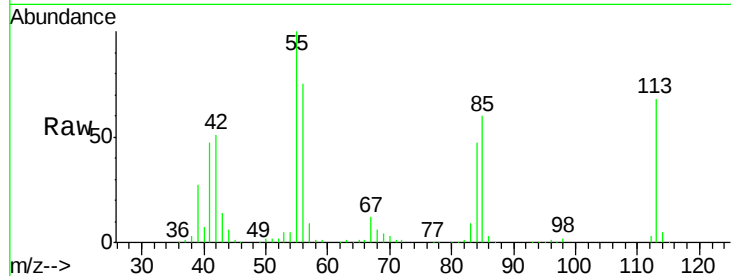




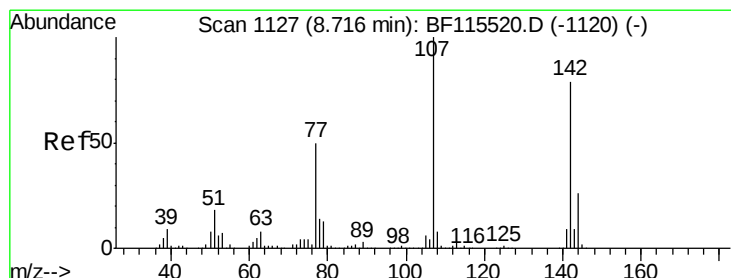
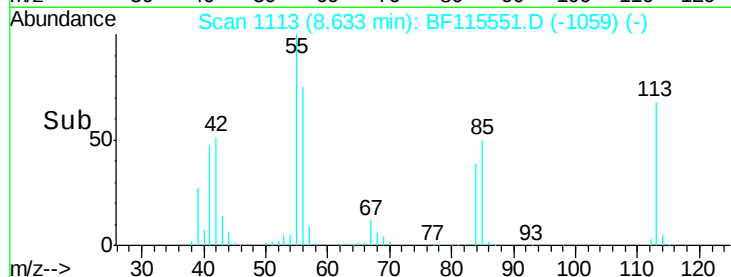
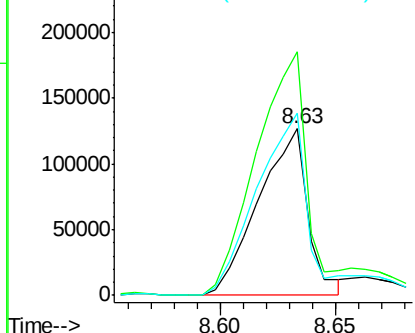
#35
 Caprolactam
 Concen: 36.252 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 188656
 Ion Ratio Lower Upper
 113 100
 55 146.2 126.9 166.9
 56 109.0 90.3 130.3

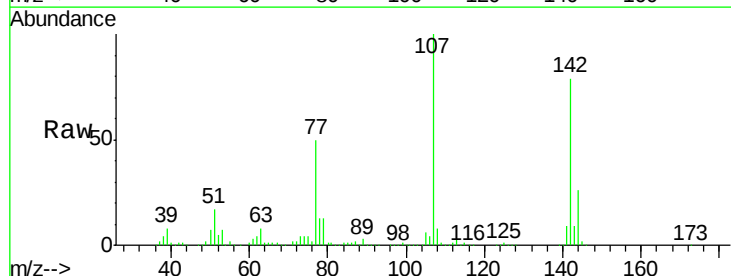


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

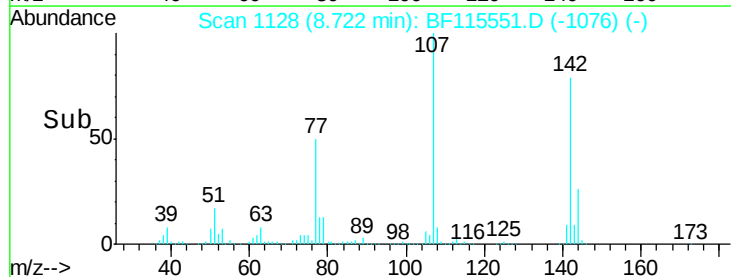
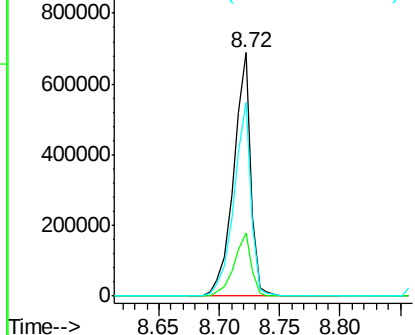


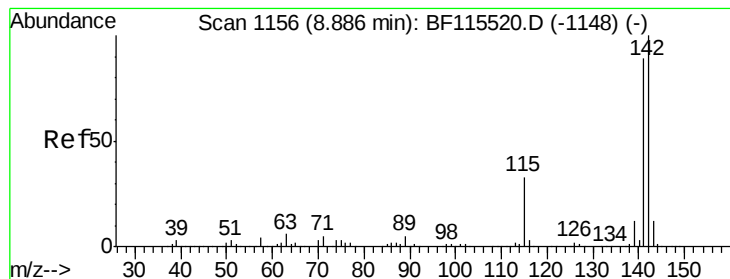
#36
 4-Chloro-3-methylphenol
 Concen: 39.026 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Tgt Ion:107 Resp: 681751
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.6 30.8
 142 79.4 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: 38.355 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

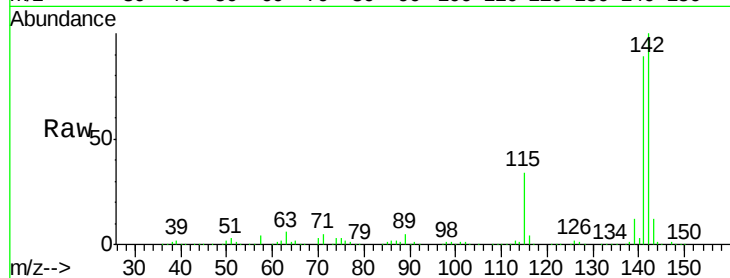
Tot Ion:142 Resp: 1395716

Ion Ratio Lower Upper

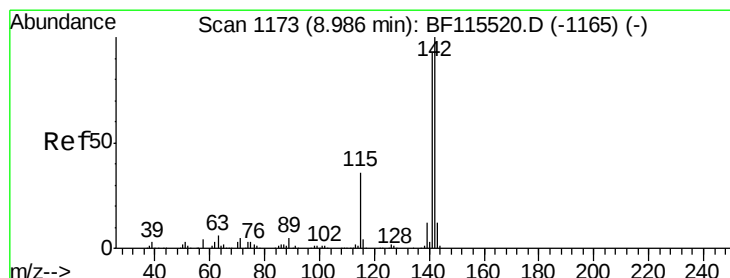
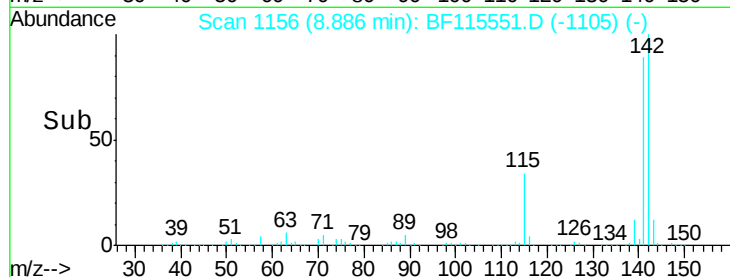
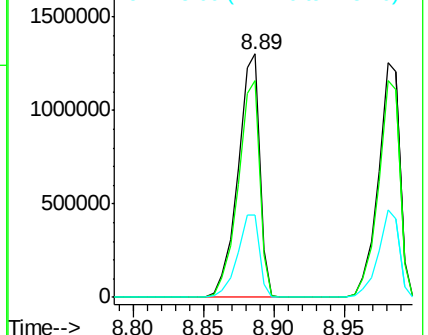
142 100

141 88.9 72.0 108.0

115 33.9 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: 38.357 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

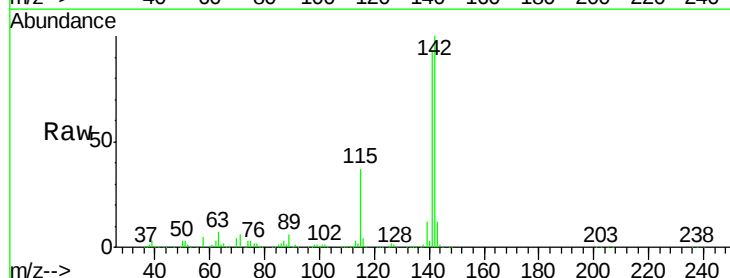
Tgt Ion:142 Resp: 1325800

Ion Ratio Lower Upper

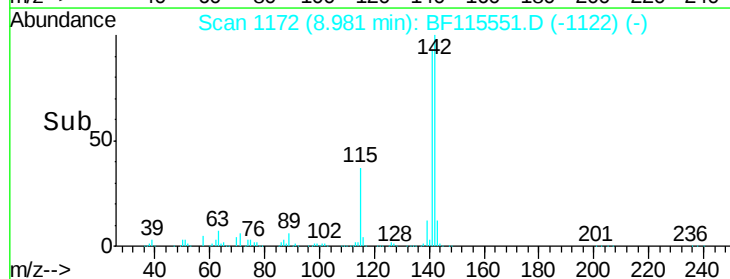
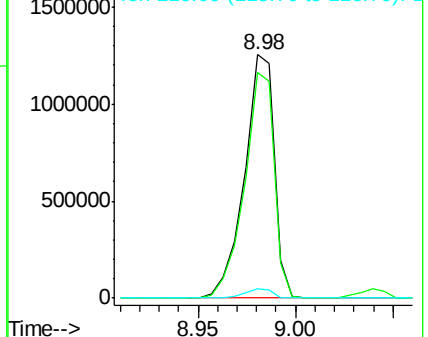
142 100

141 92.8 75.3 112.9

116 4.0 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

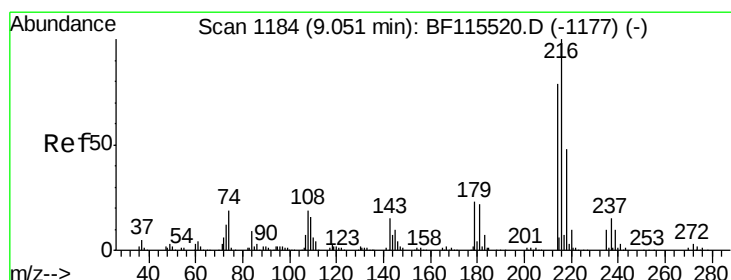
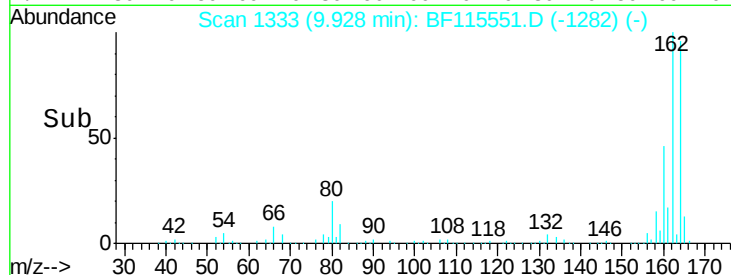
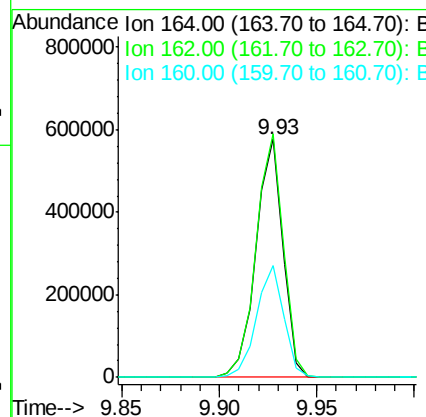
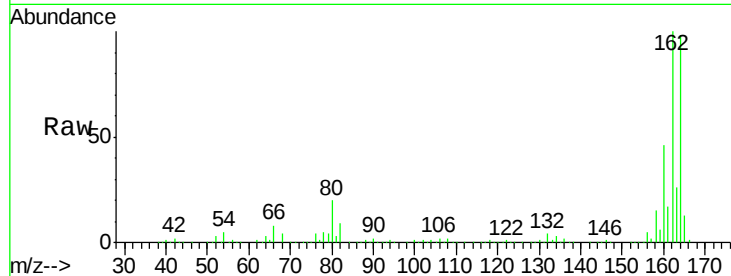




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

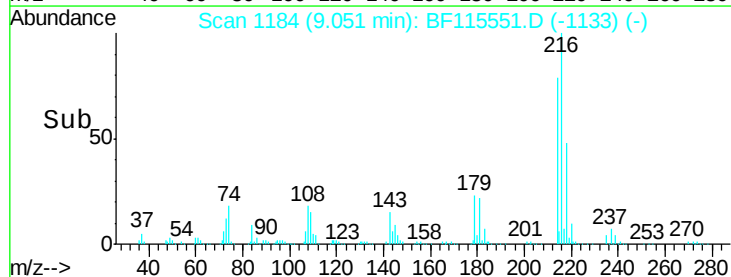
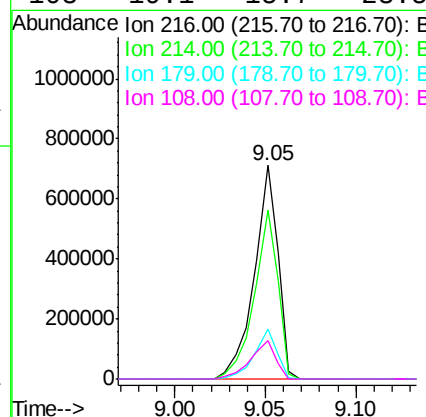
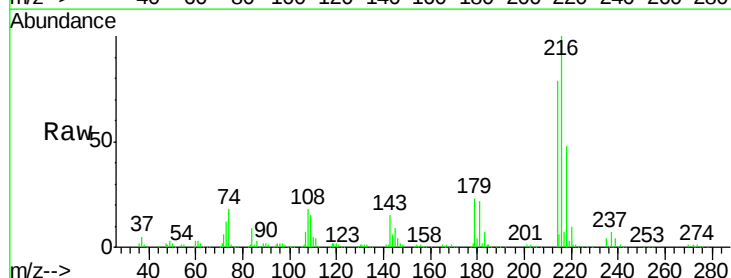
Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 553726
Ion Ratio Lower Upper
164 100
162 102.3 82.9 124.3
160 46.9 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.675 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion:216 Resp: 644886
Ion Ratio Lower Upper
216 100
214 79.1 65.1 97.7
179 22.4 18.3 27.5
108 19.1 15.7 23.5





#41

Hexachlorocyclopentadiene

Concen: 38.956 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

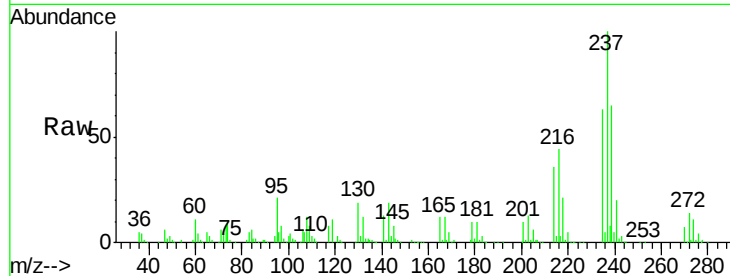
Tot Ion:237 Resp: 370541

Ion Ratio Lower Upper

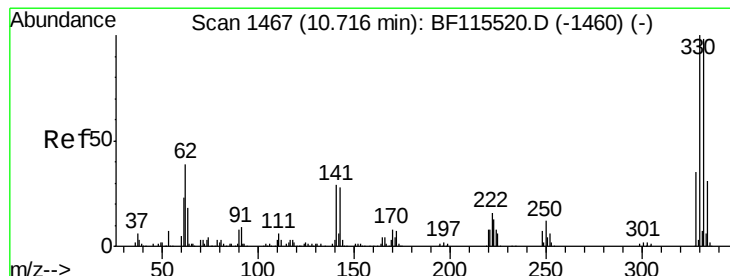
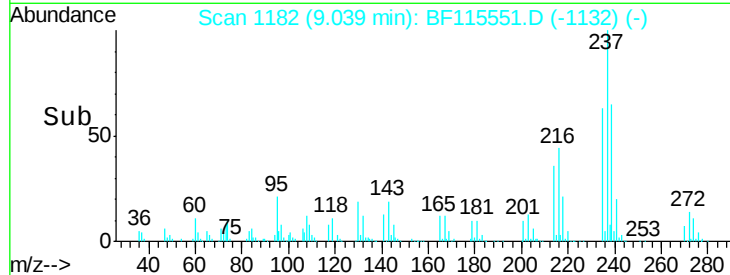
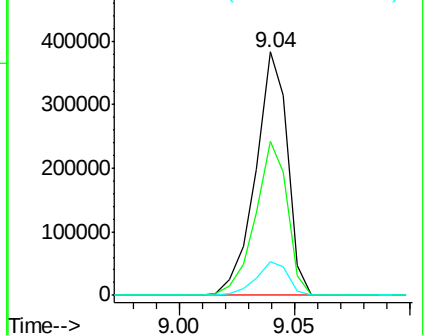
237 100

235 63.1 43.6 83.6

272 13.6 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: 78.111 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

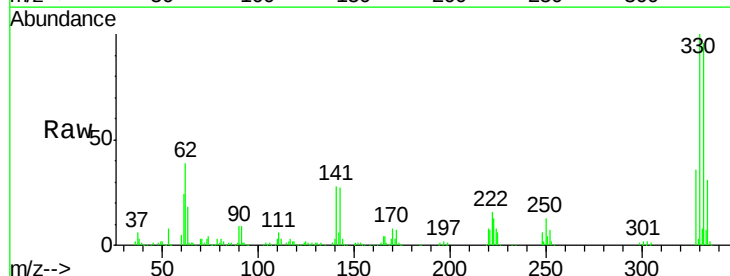
Tgt Ion:330 Resp: 504859

Ion Ratio Lower Upper

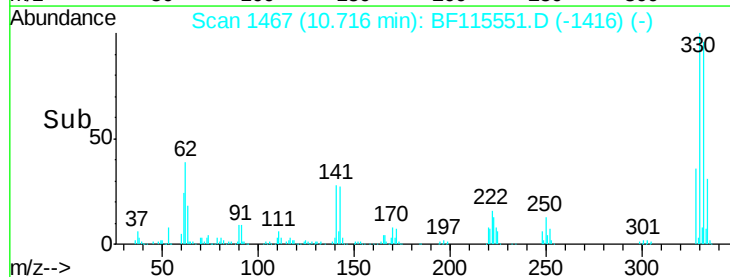
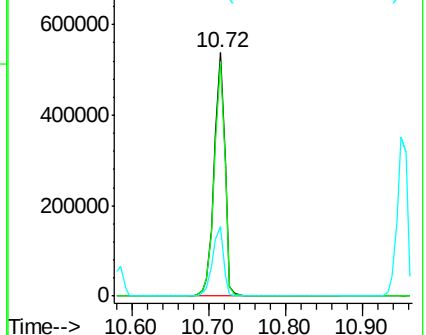
330 100

332 96.1 77.4 116.2

141 29.5 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

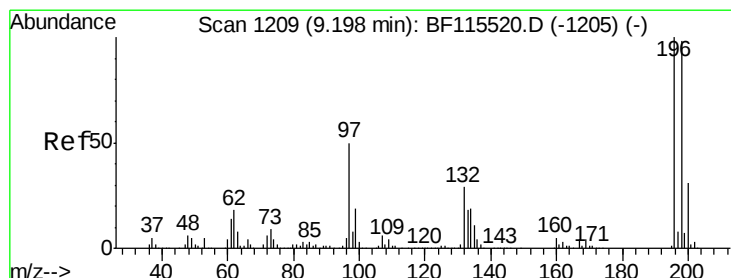
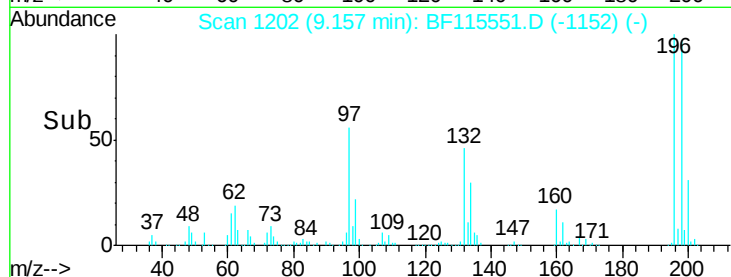
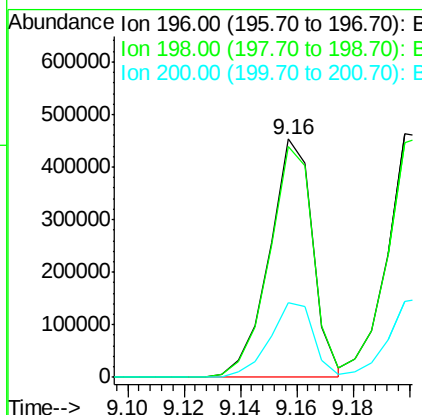
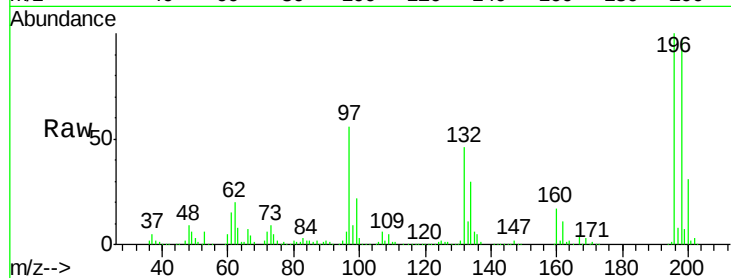




#43
 2,4,6-Trichlorophenol
 Concen: 39.589 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

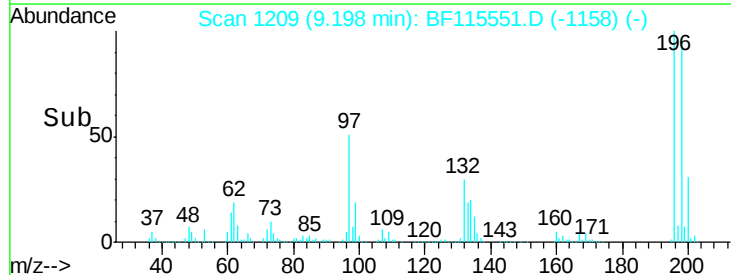
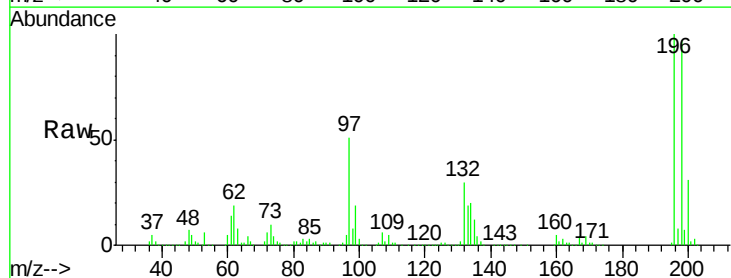
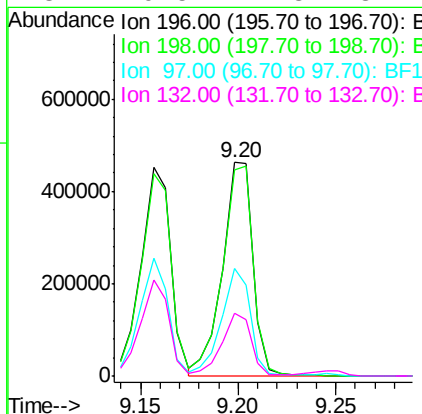
Instrument :
 BNA_F
 ClientSampleId :

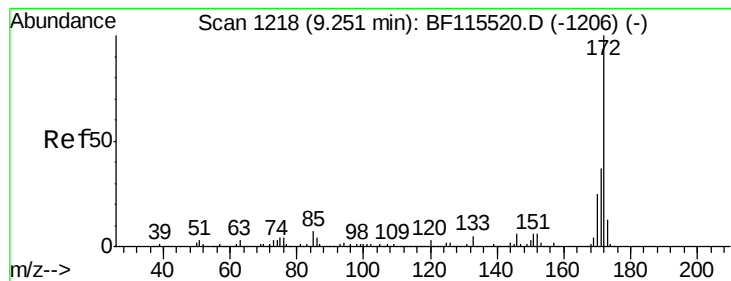
Tot Ion	196	Resp	482745
Ion	Ratio	Lower	Upper
196	100		
198	96.9	80.6	121.0
200	31.2	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.194 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Tgt Ion	196	Resp	501938
Ion	Ratio	Lower	Upper
196	100		
198	96.6	79.6	119.4
97	50.6	37.8	56.6
132	29.5	22.8	34.2





#45

2-Fluorobiphenyl

Concen: 78.144 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

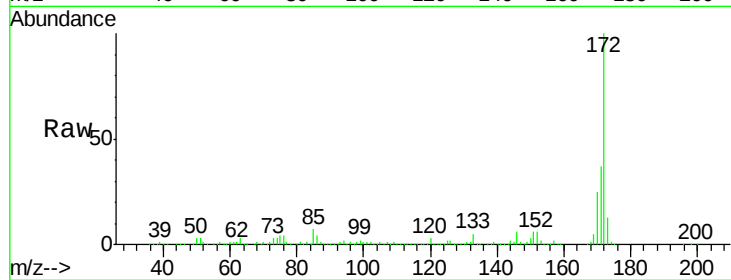
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 2472179

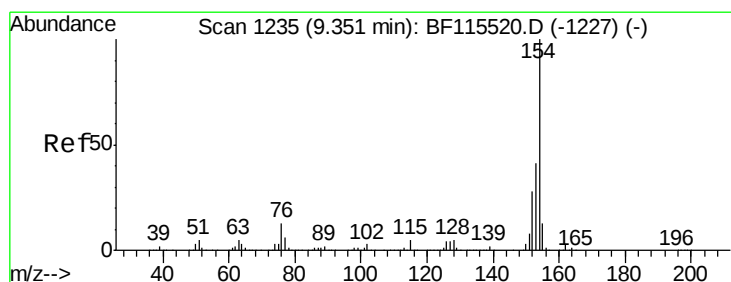
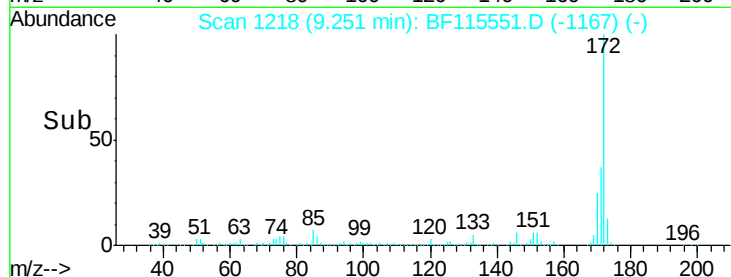
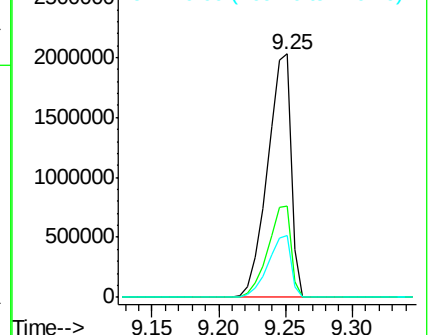
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.6	46.0
170	25.2	20.5	30.7



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: 37.956 ng

RT: 9.35 min Scan# 1235

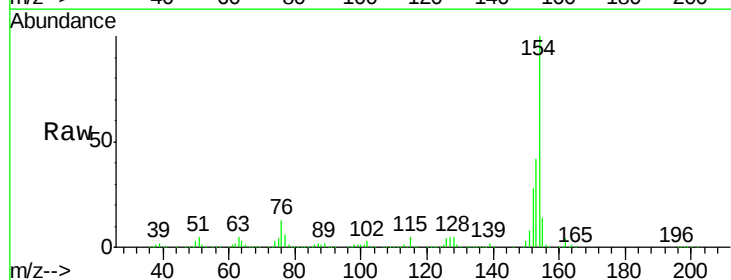
Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Tgt Ion:154 Resp: 1643088

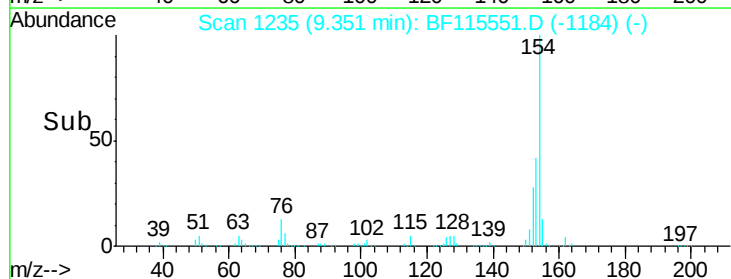
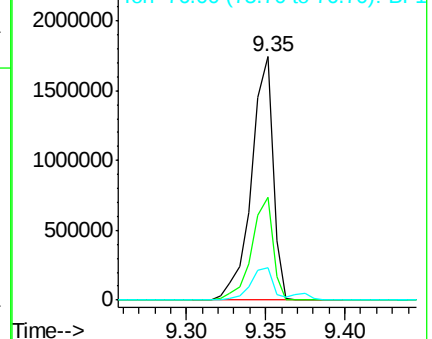
Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.6	62.6
76	13.1	0.0	33.4

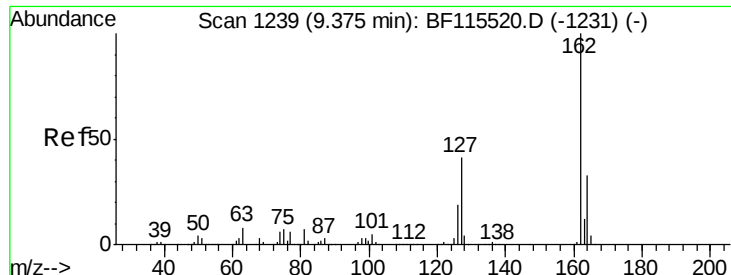


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

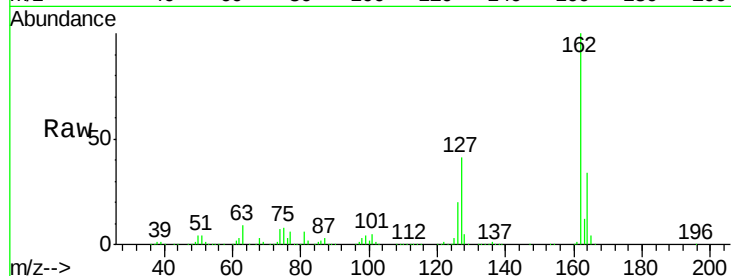




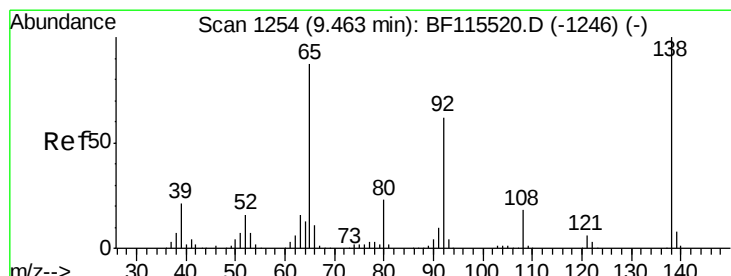
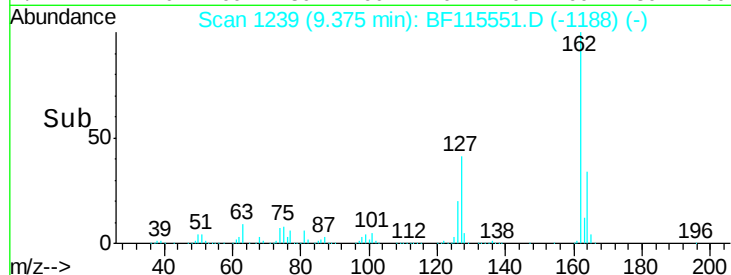
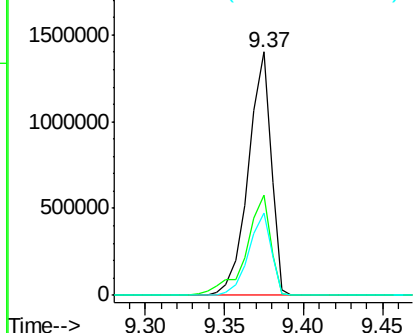
#47
 2-Chloronaphthalene
 Concen: 38.772 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1397552
 Ion Ratio Lower Upper
 162 100
 127 41.2 34.1 51.1
 164 34.1 27.4 41.2

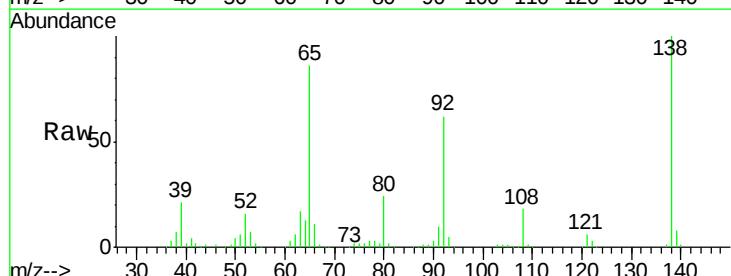


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

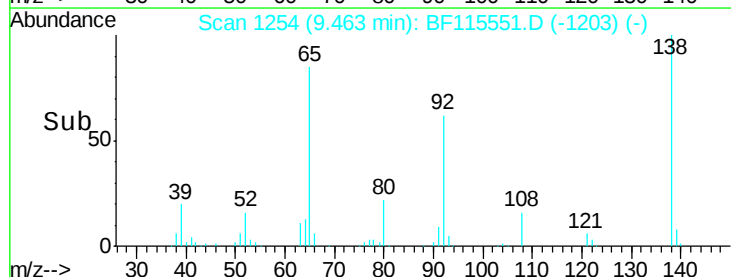
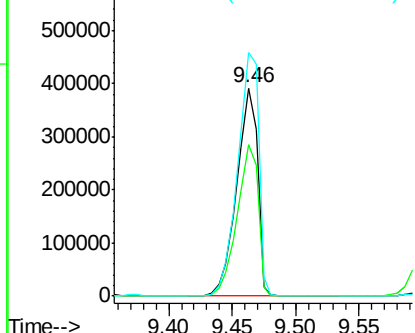


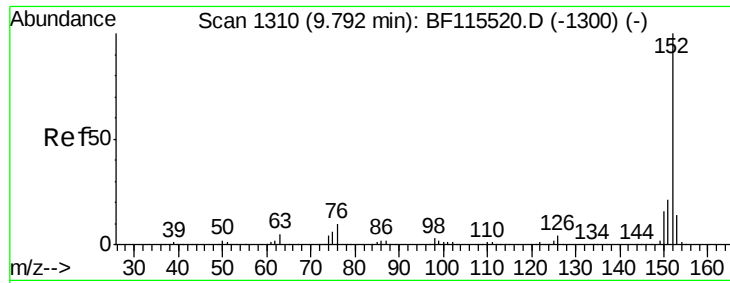
#48
 2-Nitroaniline
 Concen: 39.681 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Tgt Ion: 65 Resp: 442707
 Ion Ratio Lower Upper
 65 100
 92 72.8 57.8 86.6
 138 116.9 91.2 136.8



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





#49

Acenaphthylene

Concen: 38.075 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampled :

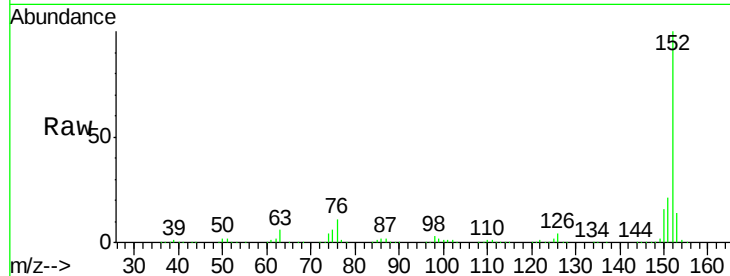
Tot Ion:152 Resp: 2033572

Ion Ratio Lower Upper

152 100

151 21.4 17.7 26.5

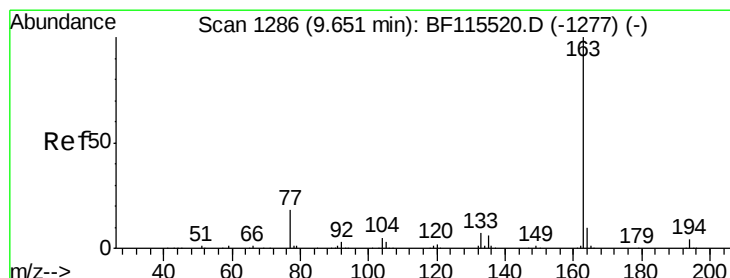
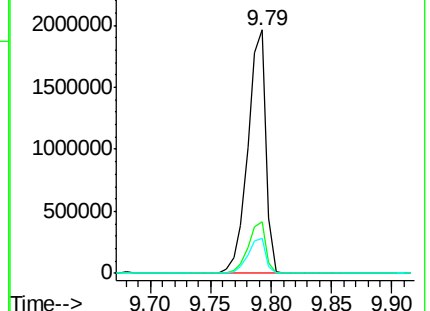
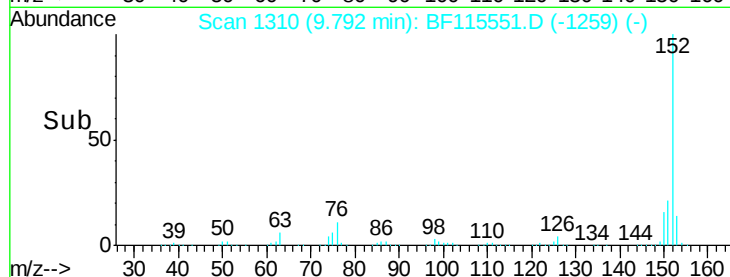
153 14.3 12.0 18.0



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: 39.176 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

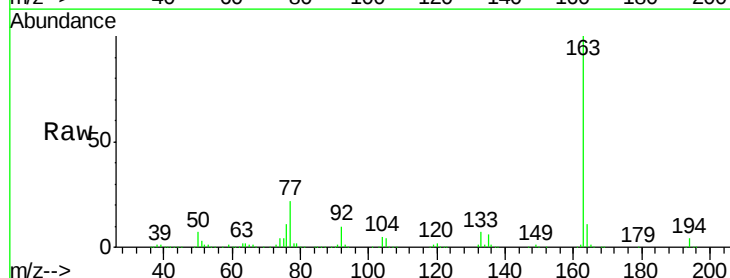
Tgt Ion:163 Resp: 1632101

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

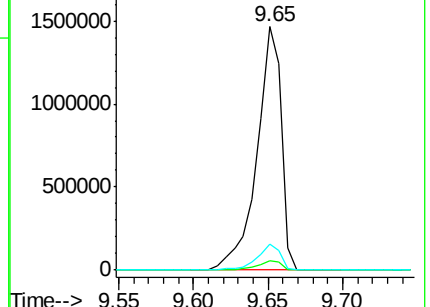
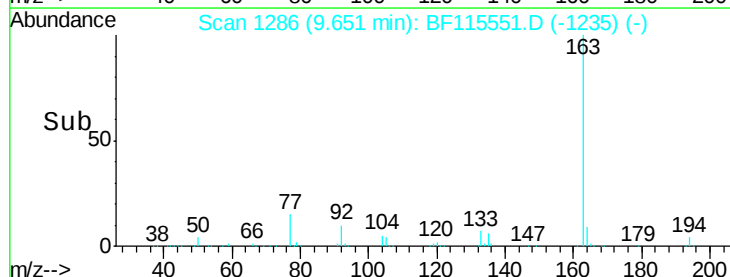
164 10.7 8.7 13.1

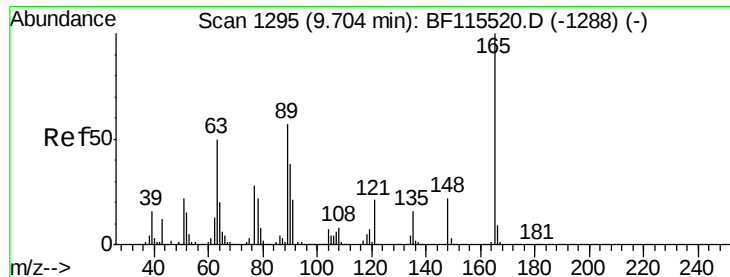


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

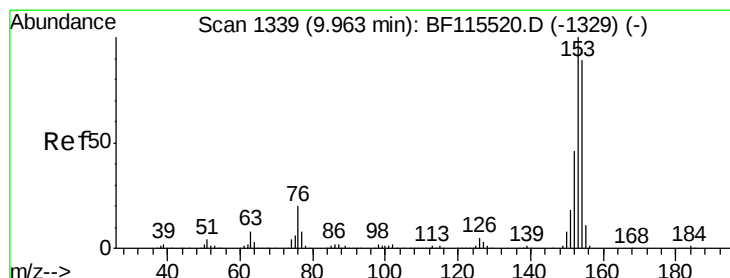
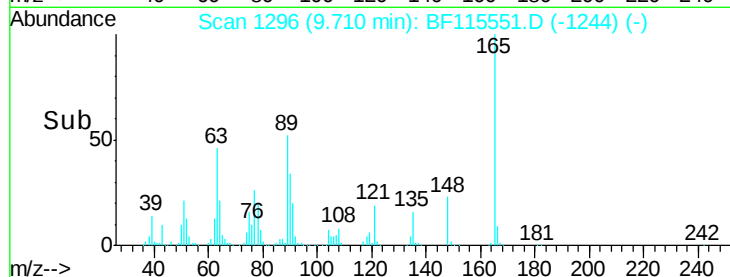
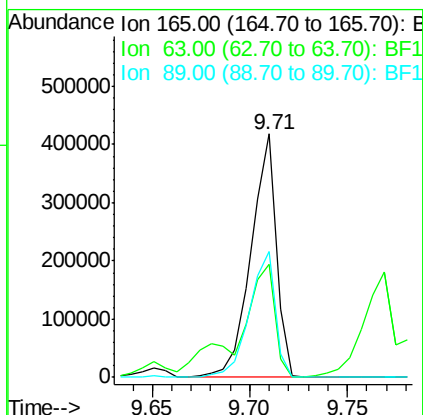
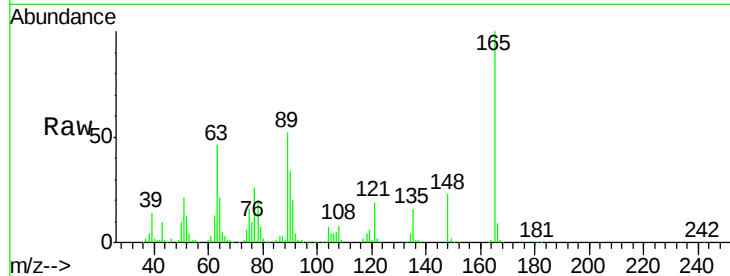




#51
 2,6-Dinitrotoluene
 Concen: 39.845 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.01 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

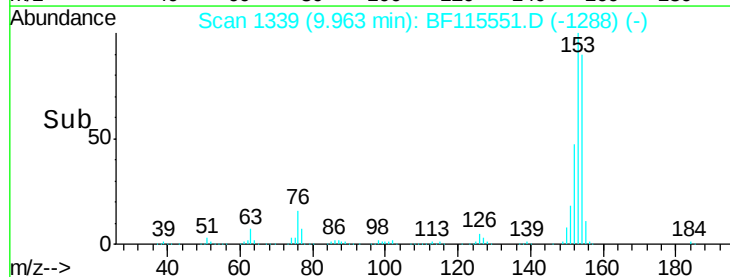
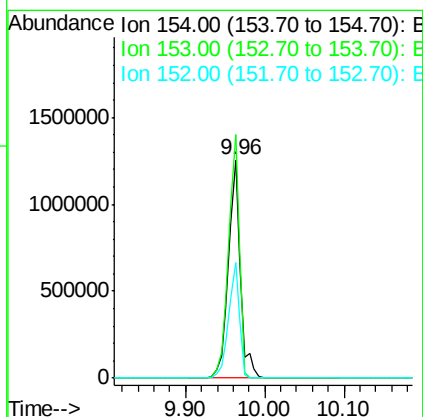
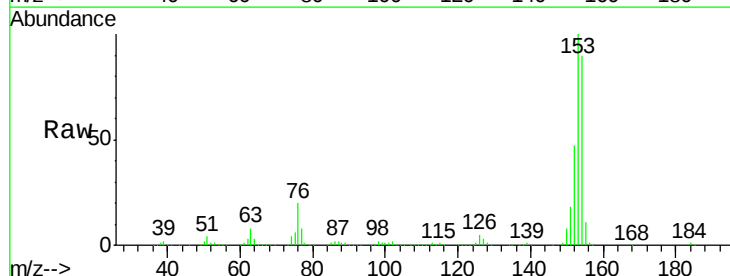
Instrument :
 BNA_F
 ClientSampleId :

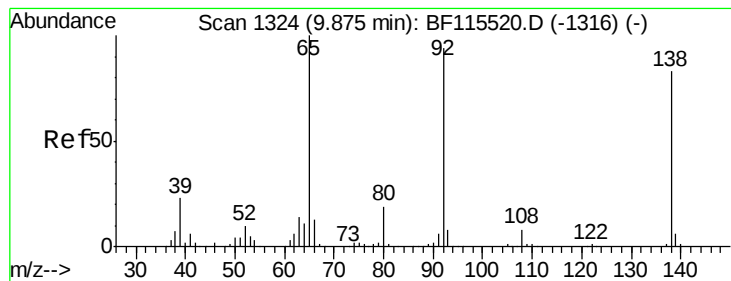
Tot Ion:165 Resp: 377236
 Ion Ratio Lower Upper
 165 100
 63 46.4 40.6 61.0
 89 51.8 43.9 65.9



#52
 Acenaphthene
 Concen: 38.454 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Tgt Ion:154 Resp: 1325977
 Ion Ratio Lower Upper
 154 100
 153 111.5 88.6 133.0
 152 52.7 42.3 63.5





#53

3-Nitroaniline

Concen: 39.802 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

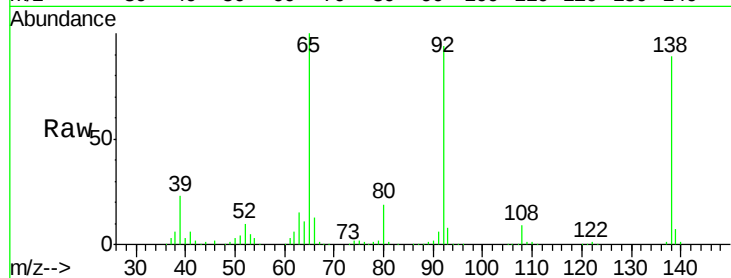
Tot Ion:138 Resp: 430623

Ion Ratio Lower Upper

138 100

108 10.4 8.4 12.6

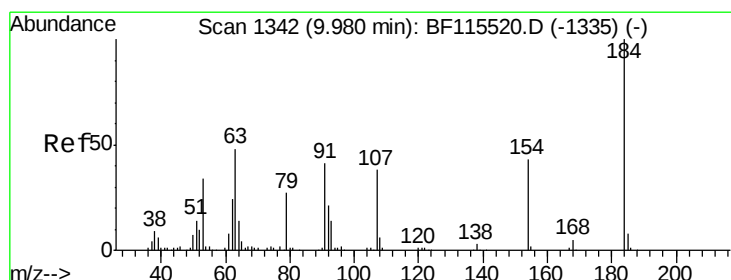
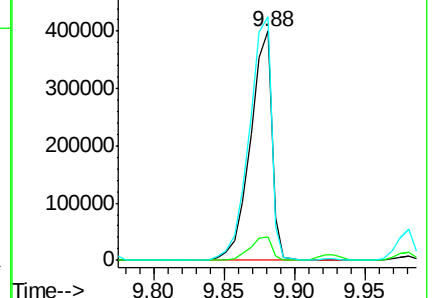
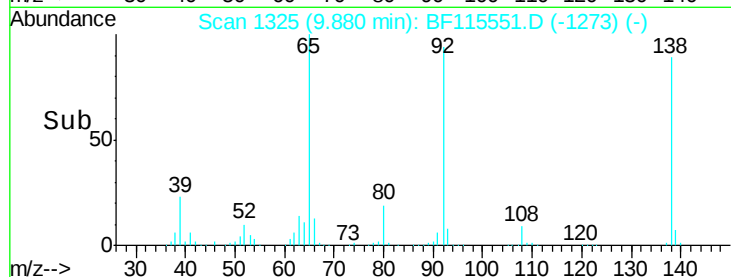
92 106.1 88.0 132.0



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: 41.936 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

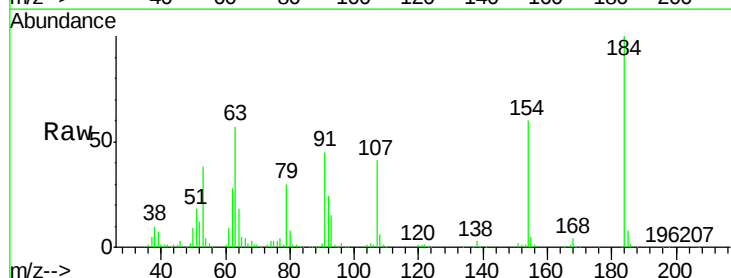
Tgt Ion:184 Resp: 203846

Ion Ratio Lower Upper

184 100

63 56.9 48.7 73.1

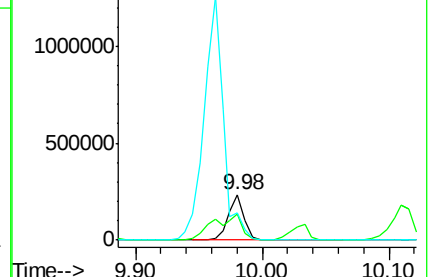
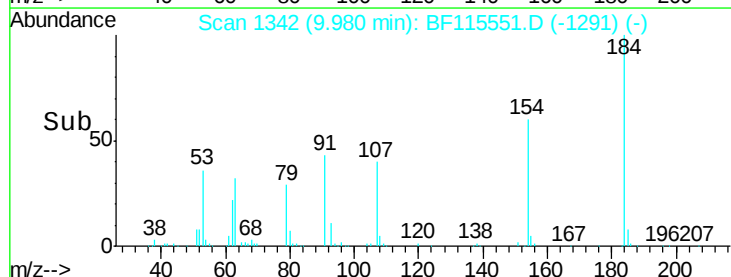
154 60.4 48.6 73.0



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

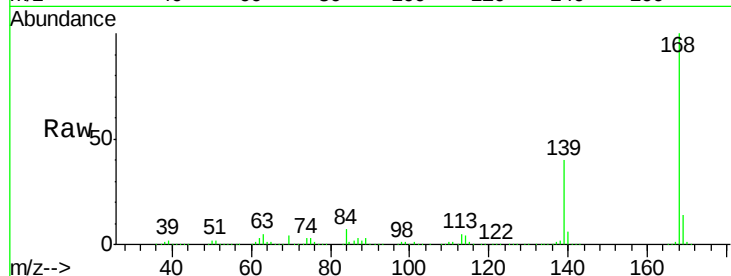




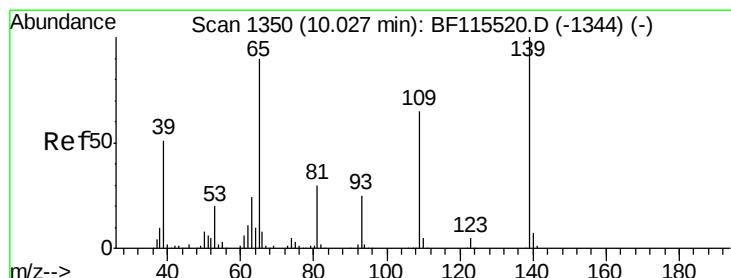
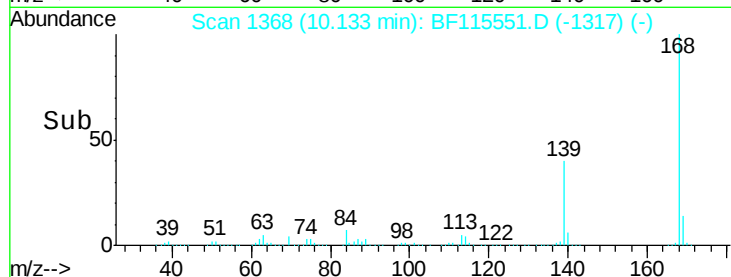
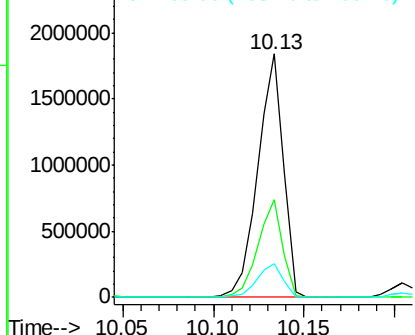
#55
Dibenzofuran
Concen: 36.684 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1796384
Ion Ratio Lower Upper
168 100
139 40.1 31.1 46.7
169 14.1 11.1 16.7

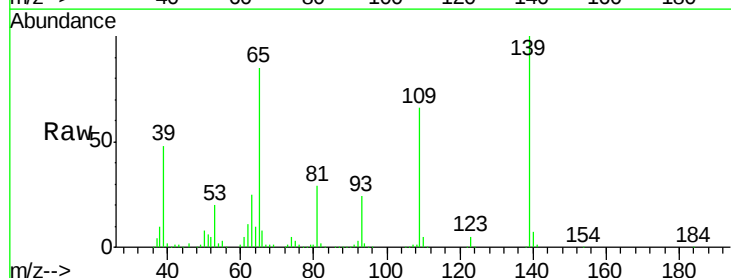


Abundance Ion 168.00 (167.70 to 168.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

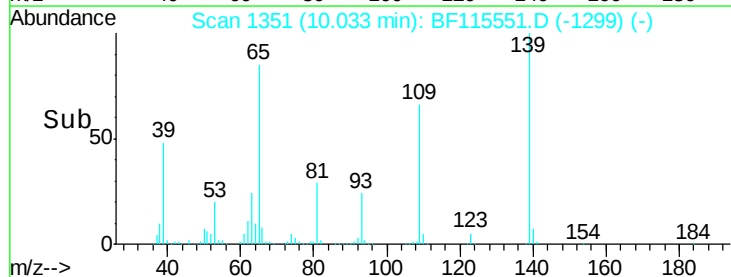
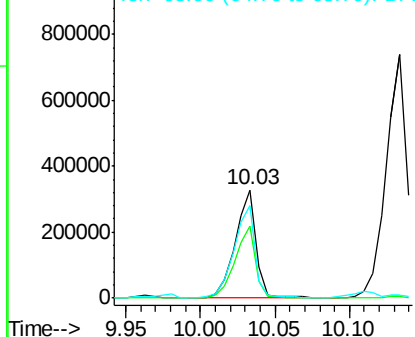


#56
4-Nitrophenol
Concen: 39.139 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion:139 Resp: 322907
Ion Ratio Lower Upper
139 100
109 66.0 46.4 86.4
65 85.2 68.9 108.9



Abundance Ion 139.00 (138.70 to 139.70): E
1000000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

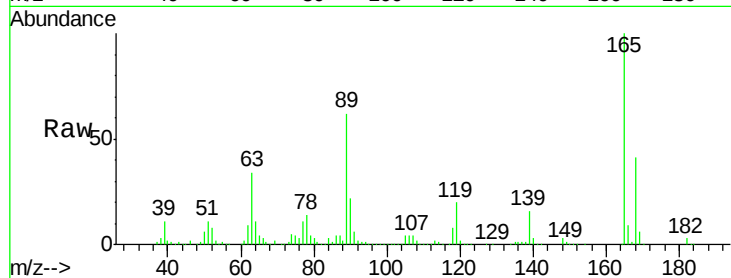




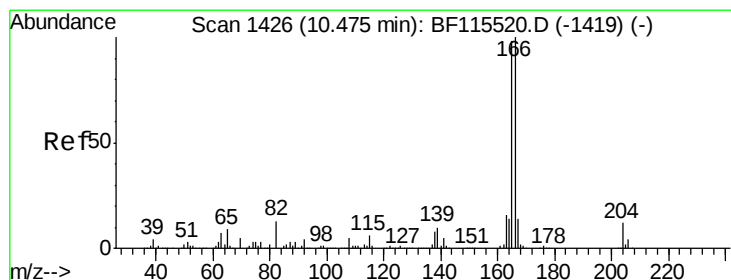
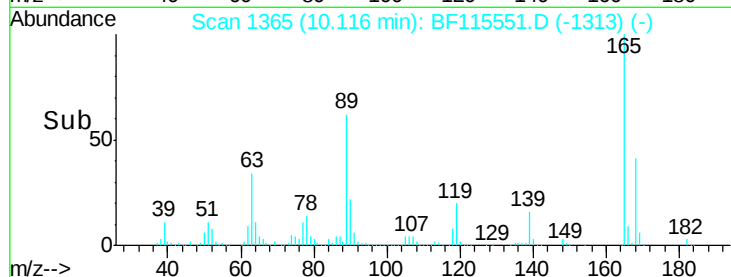
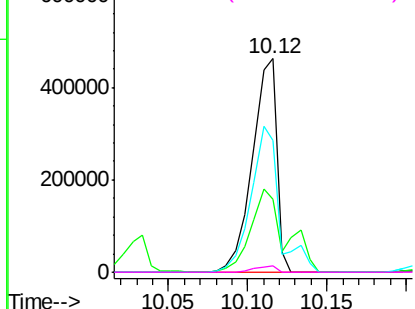
#57
2,4-Dinitrotoluene
Concen: 40.398 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 495509
Ion Ratio Lower Upper
165 100
63 34.1 34.9 52.3#
89 61.7 57.5 86.3
182 2.8 2.2 3.4

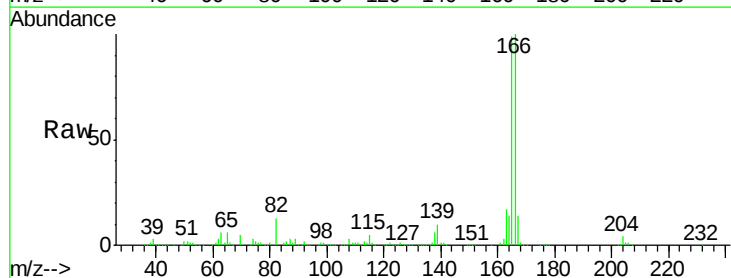


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

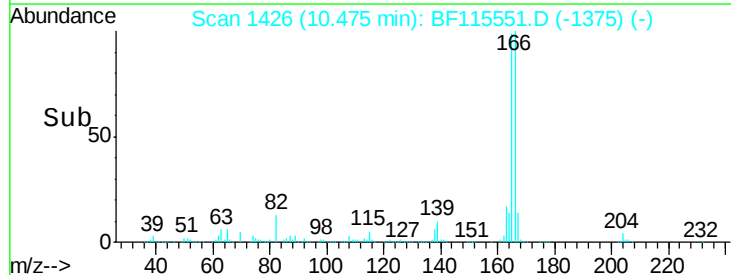
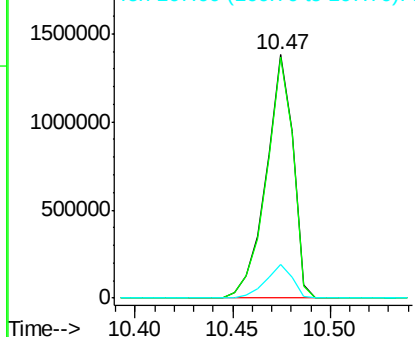


#58
Fluorene
Concen: 37.754 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion:166 Resp: 1321666
Ion Ratio Lower Upper
166 100
165 98.8 79.8 119.6
167 13.7 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

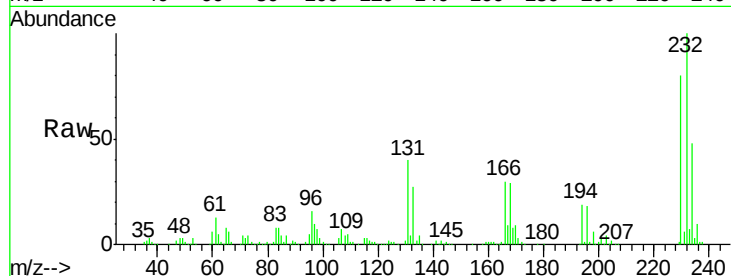




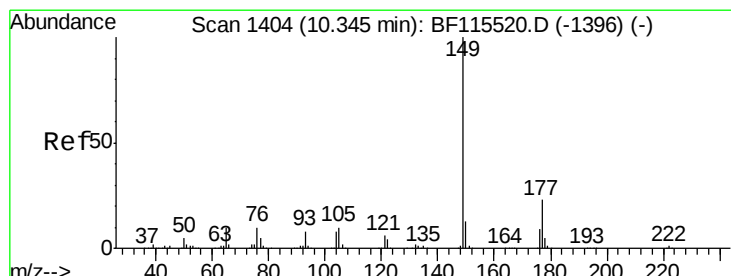
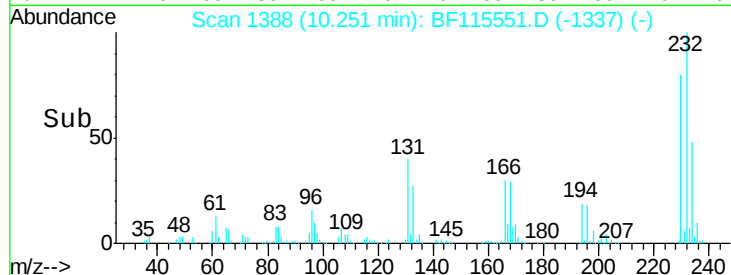
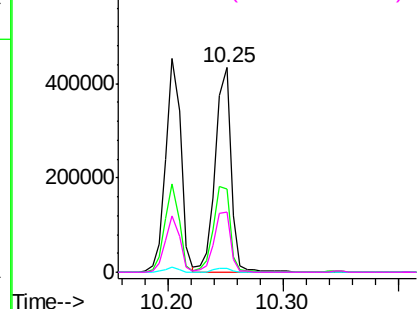
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.723 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 414679
Ion Ratio Lower Upper
232 100
131 44.5 35.9 53.9
130 2.3 1.8 2.6
166 30.9 24.8 37.2

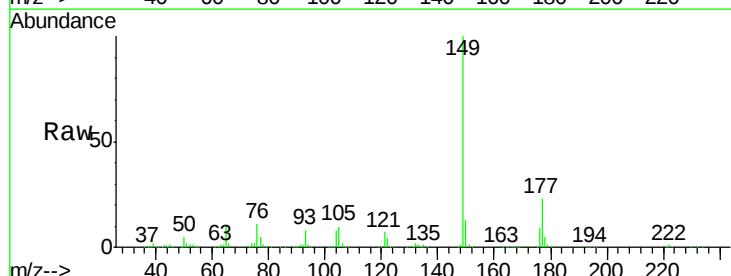


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

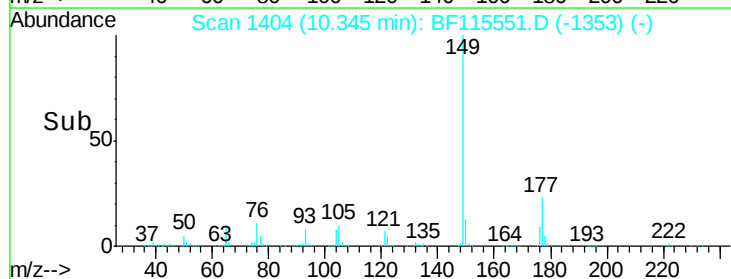
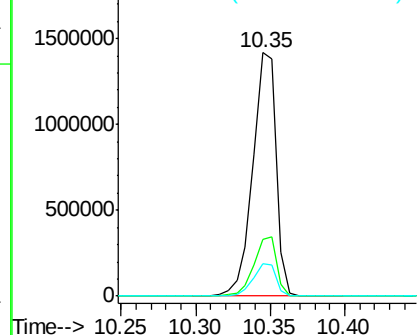


#60
Diethylphthalate
Concen: 39.059 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion:149 Resp: 1524620
Ion Ratio Lower Upper
149 100
177 23.4 19.5 29.3
150 13.4 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

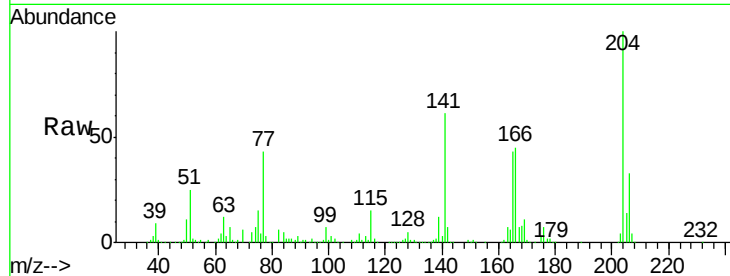




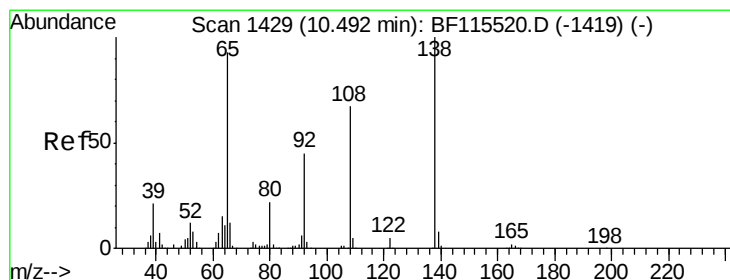
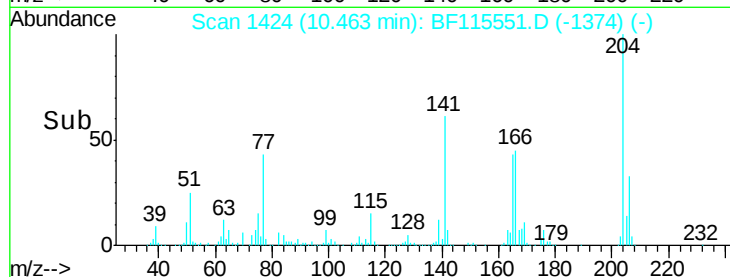
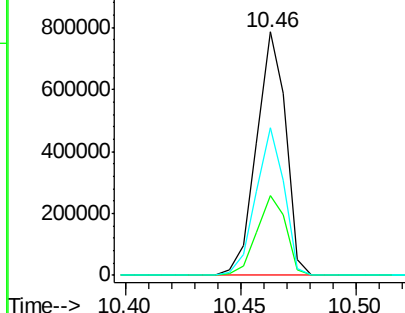
#61
 4-Chlorophenyl-phenylether
 Concen: 35.832 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 695625
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.7 40.1
 141 60.8 44.2 66.2

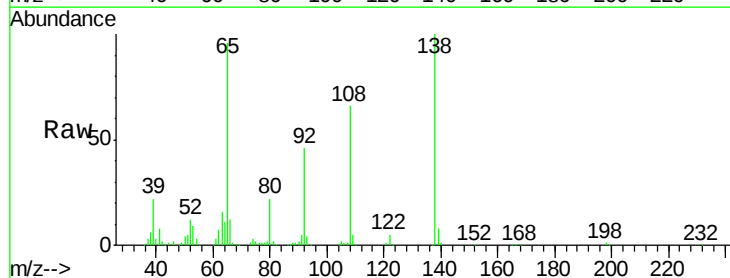


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

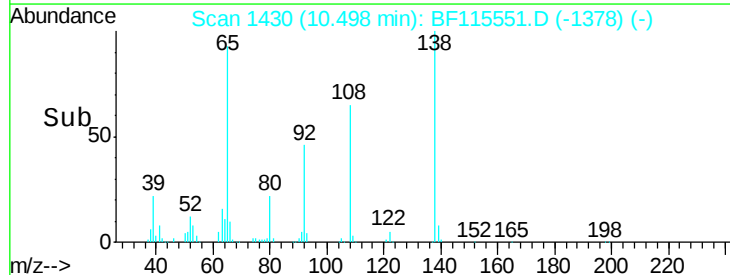
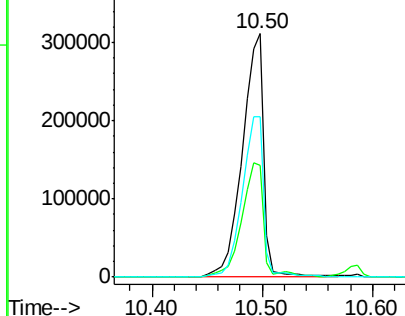


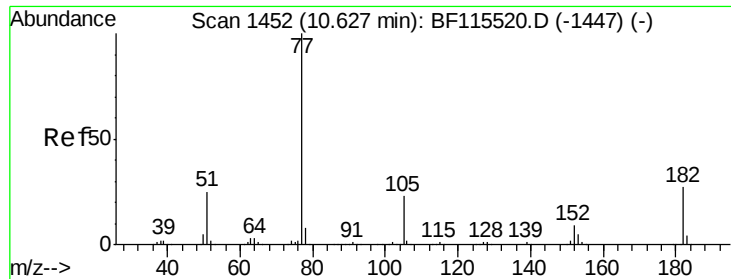
#62
 4-Nitroaniline
 Concen: 40.754 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Tgt Ion:138 Resp: 422941
 Ion Ratio Lower Upper
 138 100
 92 45.9 27.1 67.1
 108 66.0 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: 38.583 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1460817

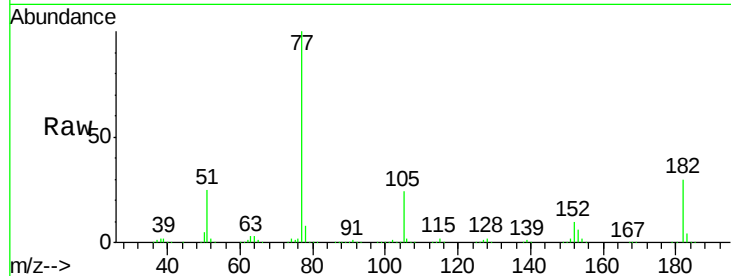
Ion	Ratio	Lower	Upper
77	100		
182	30.0	6.9	46.9
105	23.9	3.9	43.9
51	25.2	7.3	47.3

77 100

182 30.0 6.9 46.9

105 23.9 3.9 43.9

51 25.2 7.3 47.3

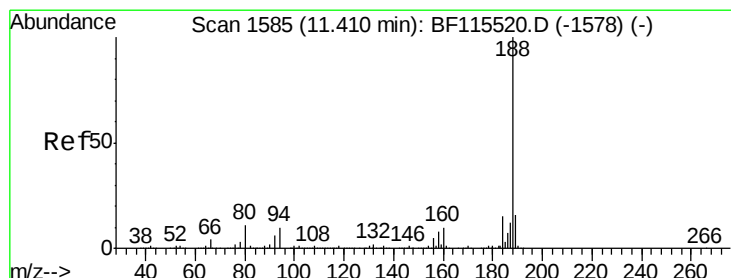
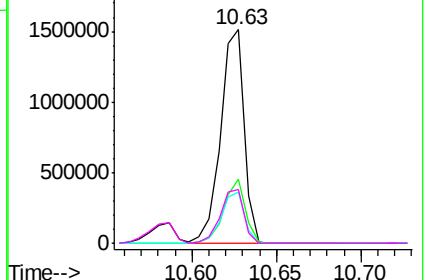
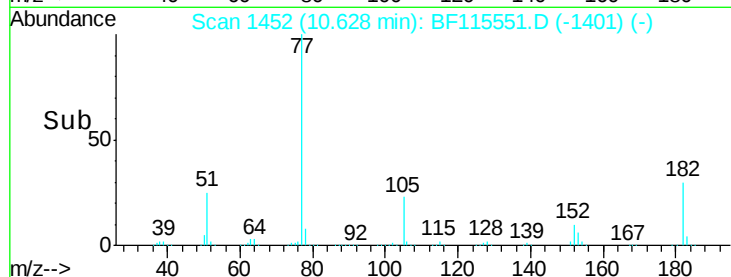


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

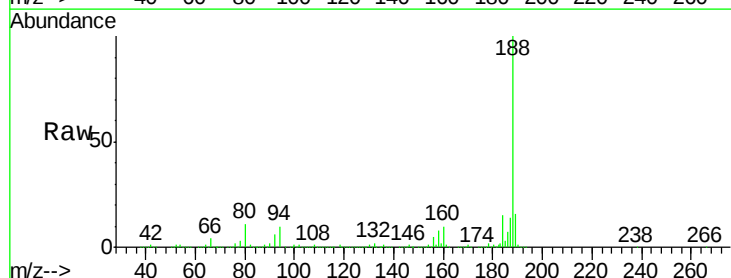
Tgt Ion: 188 Resp: 1050538

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	10.7	8.6	13.0

188 100

94 9.7 7.8 11.6

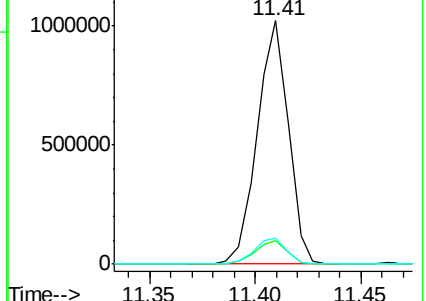
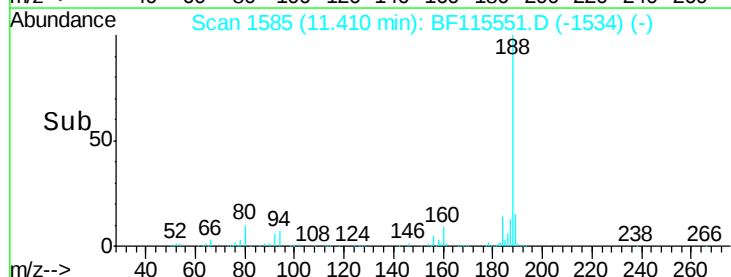
80 10.7 8.6 13.0

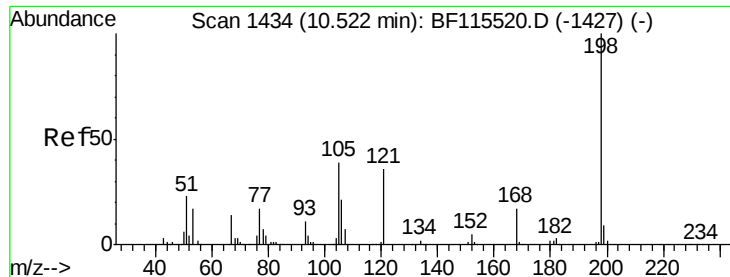


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

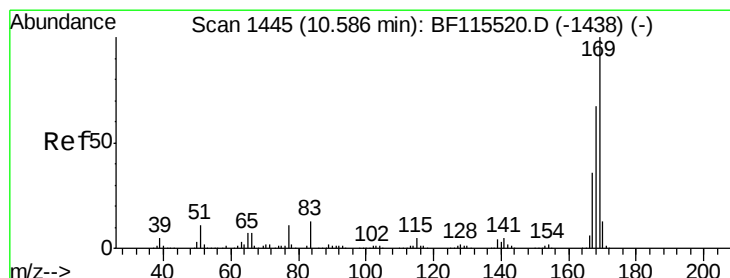
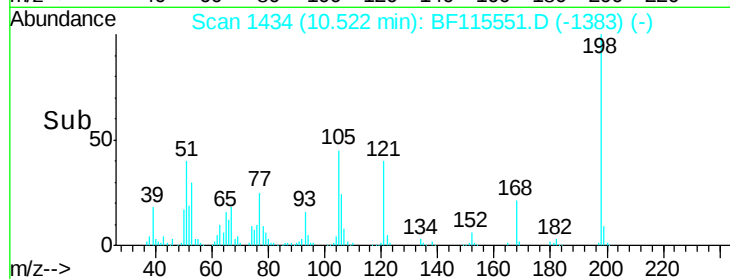
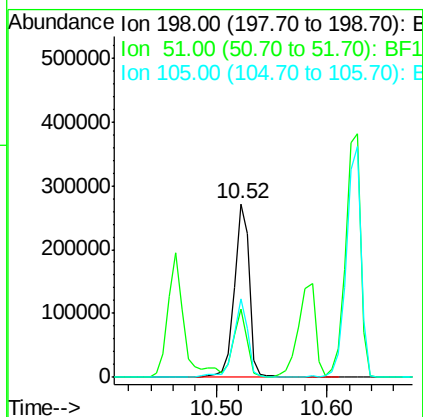
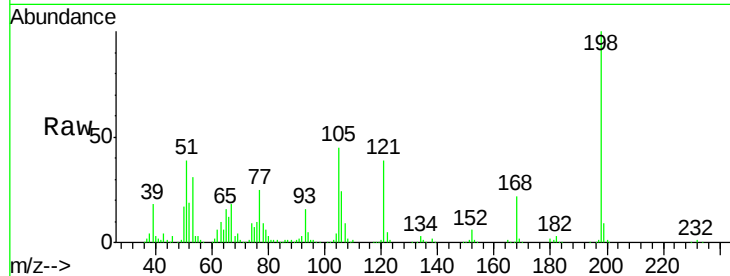




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.460 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

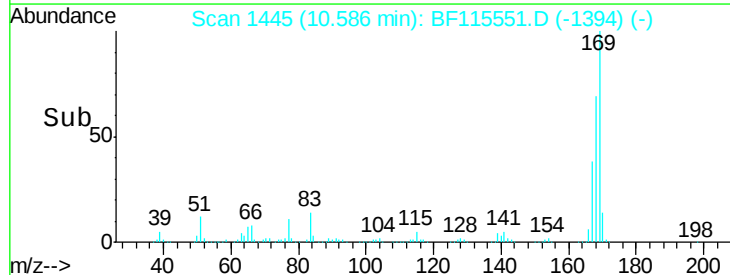
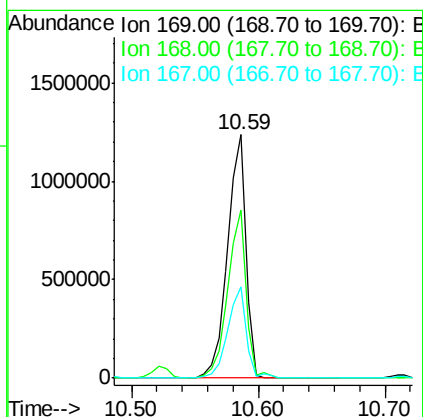
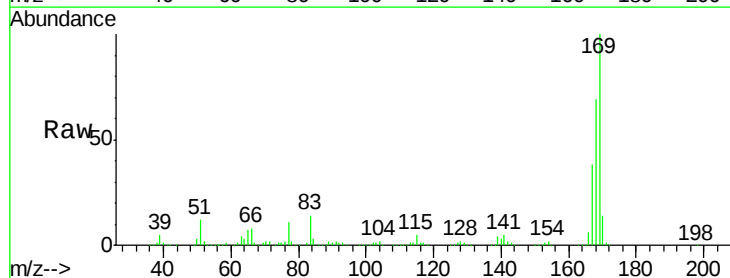
Instrument :
 BNA_F
 ClientSampleId :

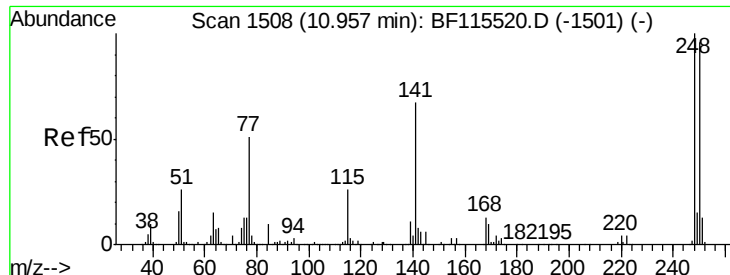
Tot Ion:198 Resp: 259691
 Ion Ratio Lower Upper
 198 100
 51 39.5 19.1 59.1
 105 45.1 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 37.859 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Tgt Ion:169 Resp: 1237160
 Ion Ratio Lower Upper
 169 100
 168 69.1 54.3 81.5
 167 37.7 30.2 45.2

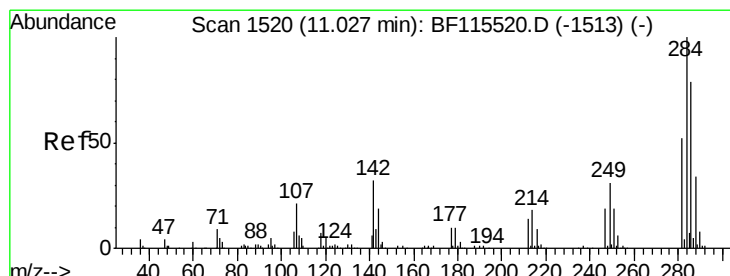
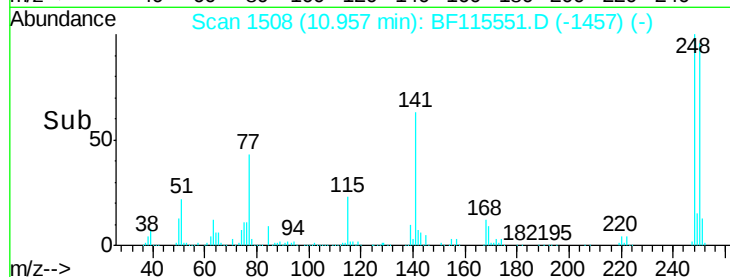
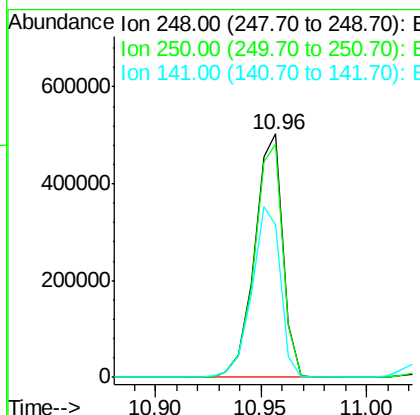
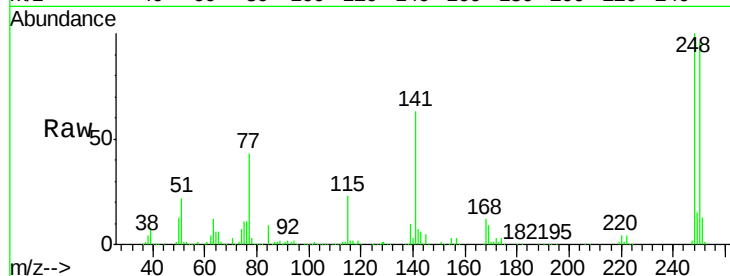




#67
4-Bromophenyl-phenylether
Concen: 38.889 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

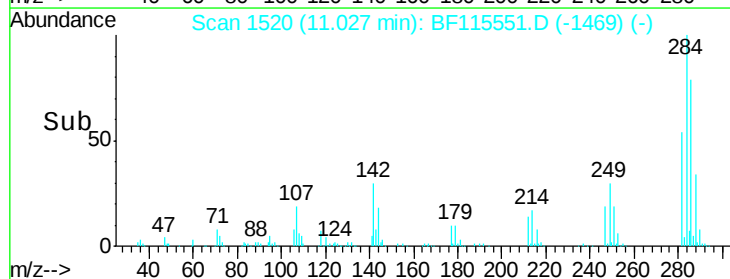
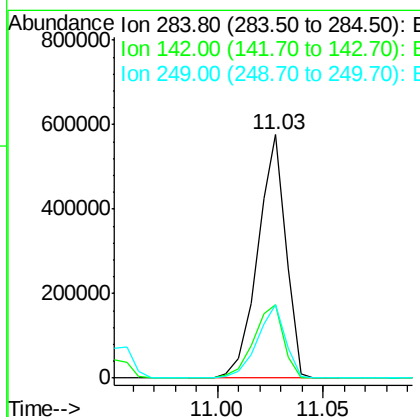
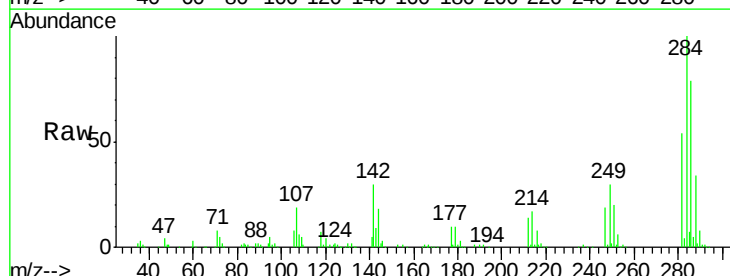
Instrument :
BNA_F
ClientSampleId :

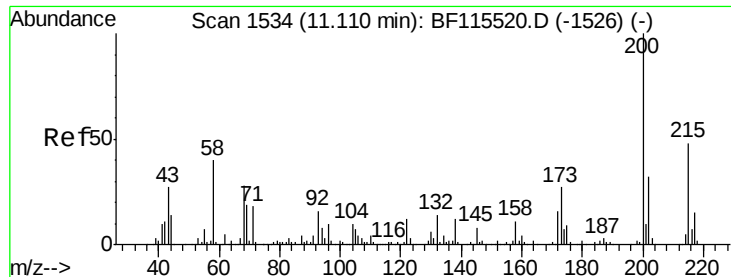
Tot Ion:248 Resp: 466867
Ion Ratio Lower Upper
248 100
250 96.1 78.0 117.0
141 63.0 57.7 86.5



#68
Hexachlorobenzene
Concen: 38.859 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion:284 Resp: 532759
Ion Ratio Lower Upper
284 100
142 30.1 22.2 33.2
249 30.1 23.4 35.2

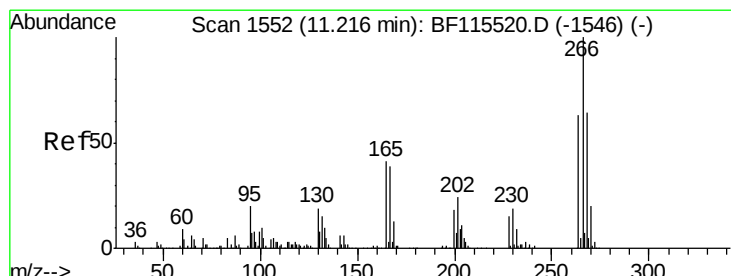
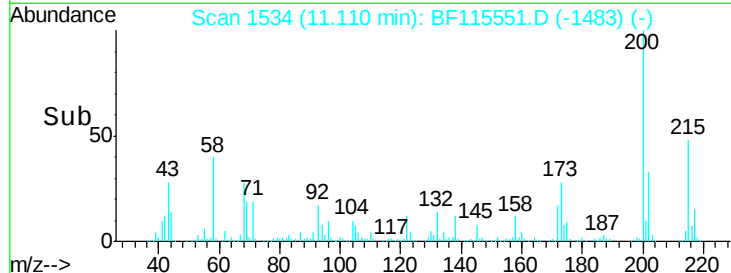
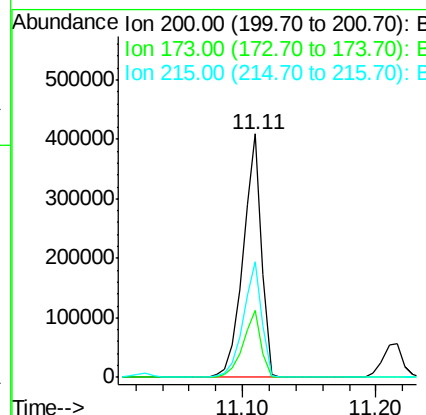
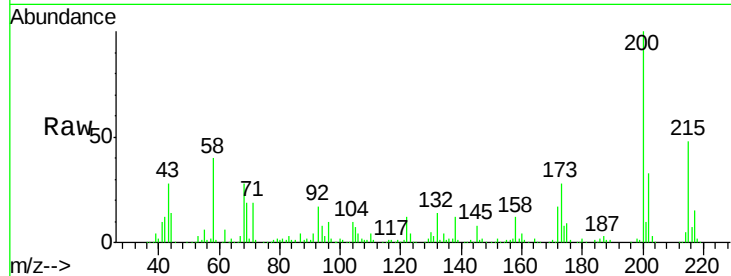




#69
Atrazine
Concen: 36.348 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

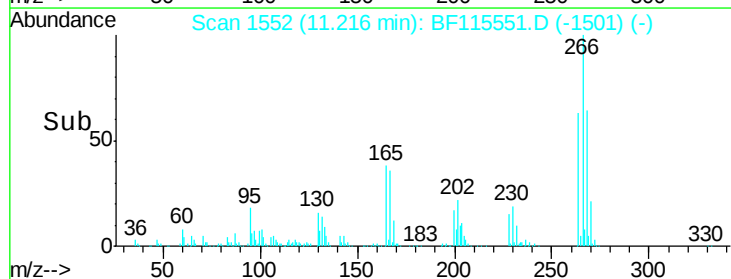
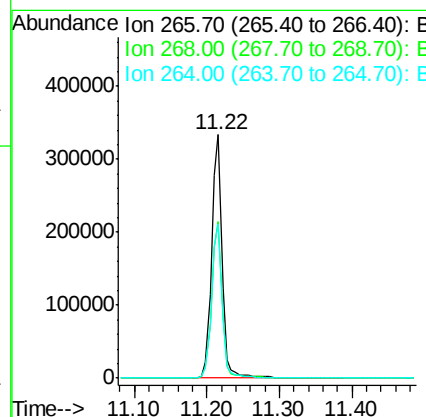
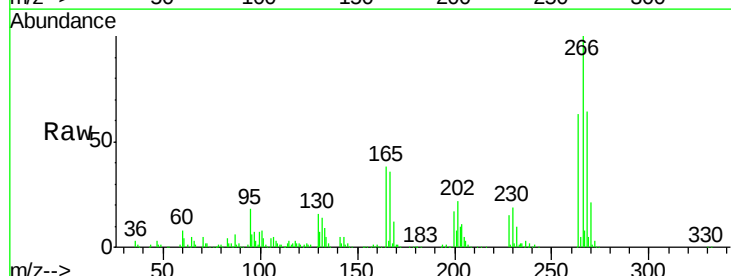
Instrument :
BNA_F
ClientSampleId :

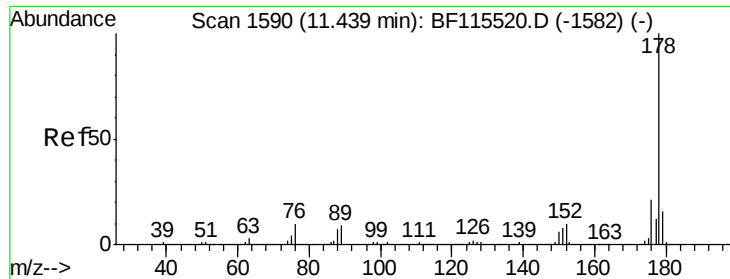
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.9	46.9
215	47.5	27.9	67.9



#70
Pentachlorophenol
Concen: 40.226 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.6	77.4
264	63.2	50.6	76.0

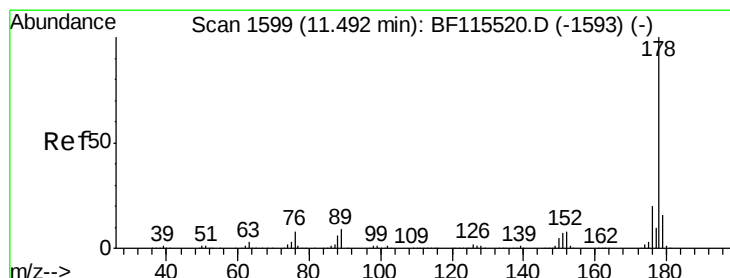
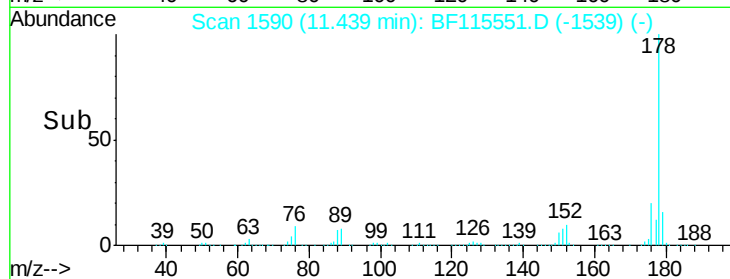
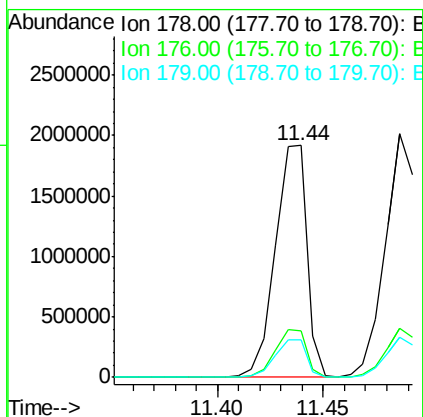
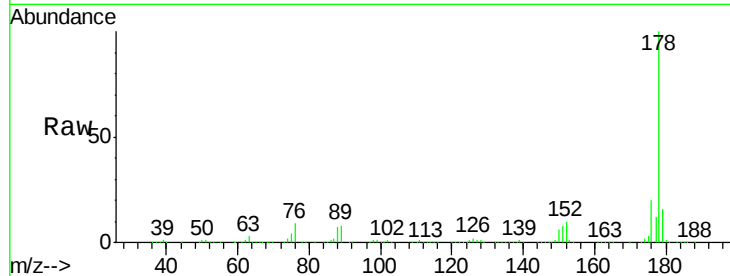




#71
Phenanthrene
Concen: 37.366 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

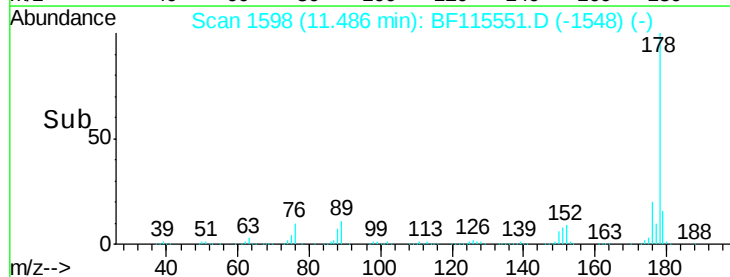
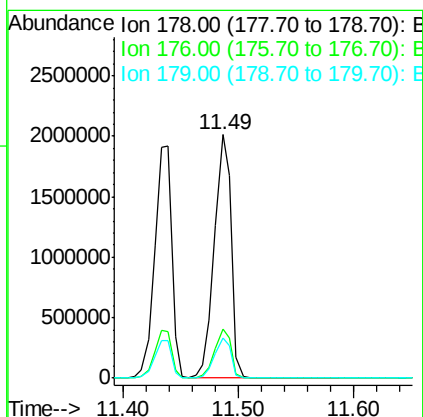
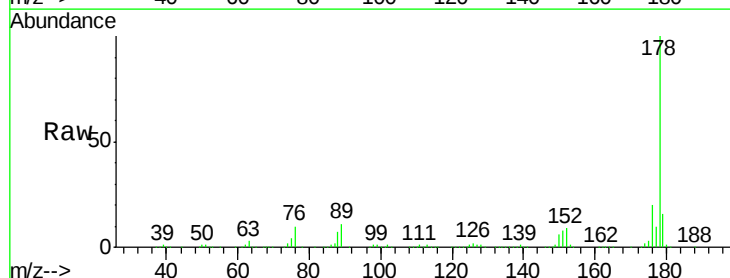
Instrument :
BNA_F
ClientSampleId :

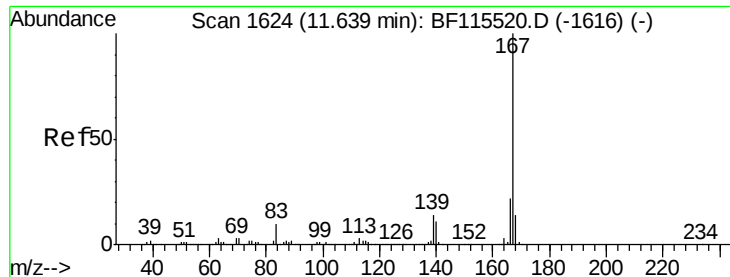
Tot Ion:178 Resp: 2012128
Ion Ratio Lower Upper
178 100
176 20.3 17.2 25.8
179 15.9 13.5 20.3



#72
Anthracene
Concen: 36.703 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion:178 Resp: 2042559
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.5 12.7 19.1

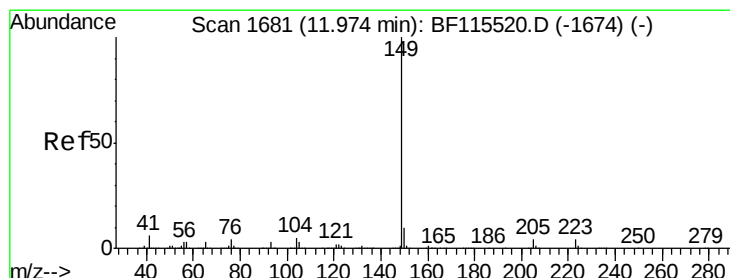
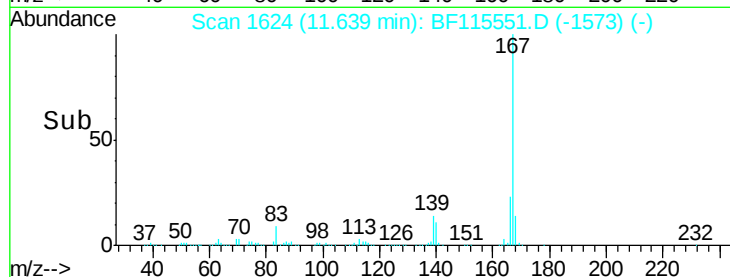
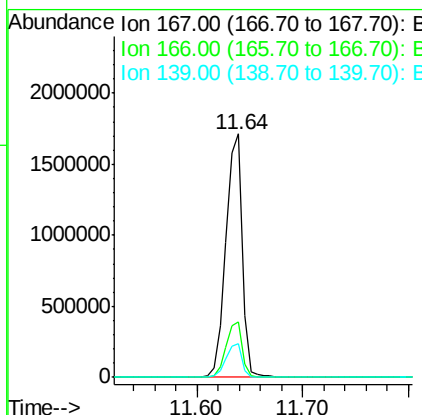
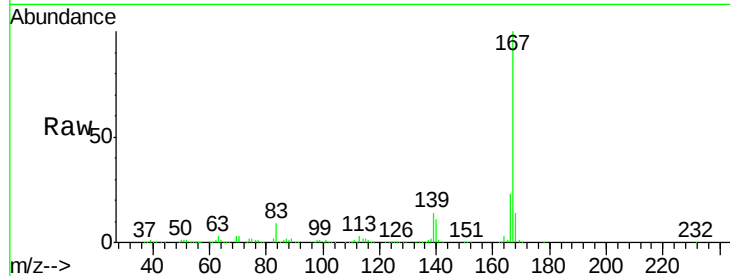




#73
 Carbazole
 Concen: 37.942 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

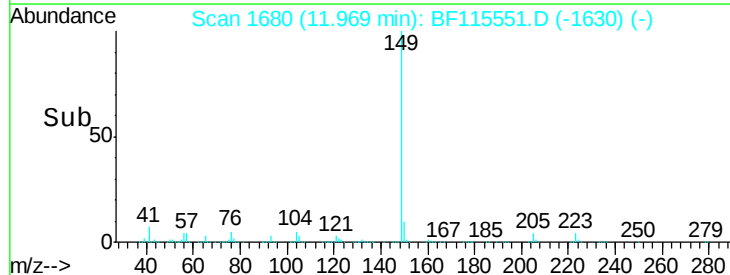
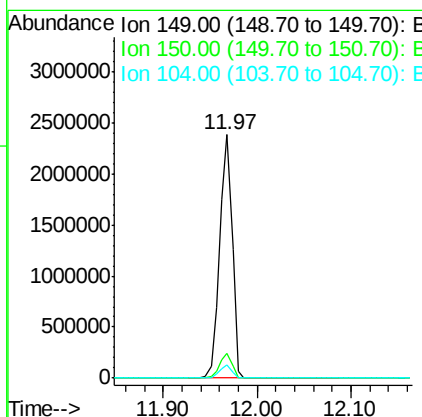
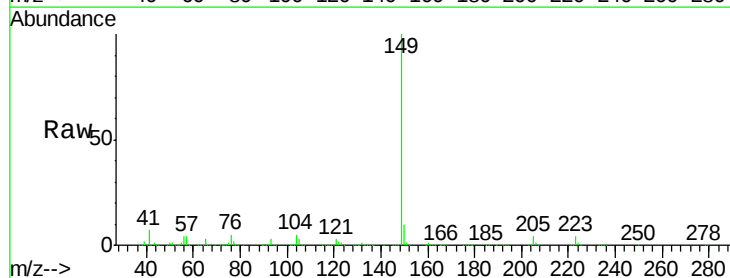
Instrument :
 BNA_F
 ClientSampled :

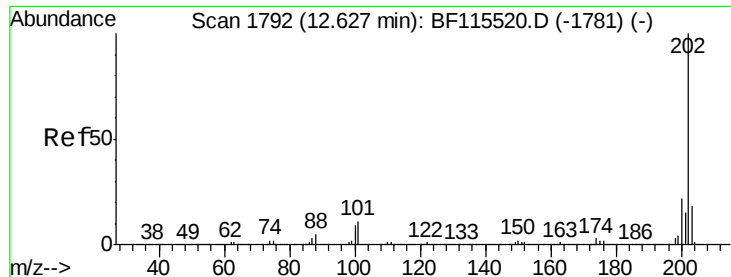
Tot Ion:167 Resp: 1851663
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.0 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 36.918 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Tgt Ion:149 Resp: 2219256
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.7 11.5
 104 5.5 3.8 5.8

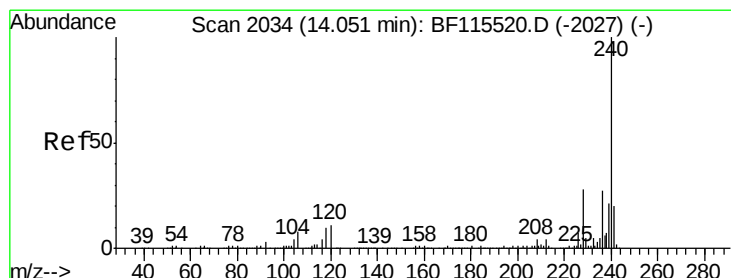
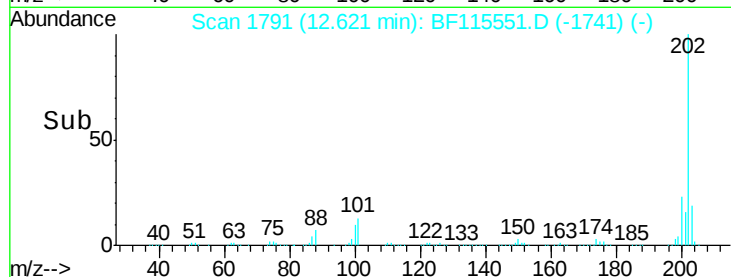
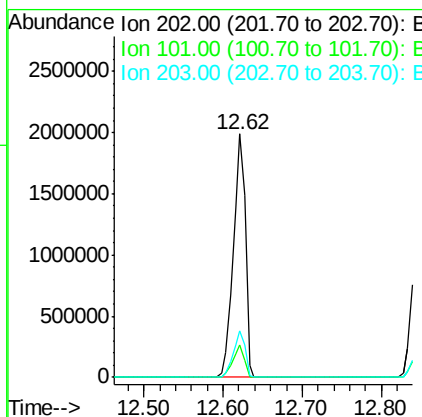
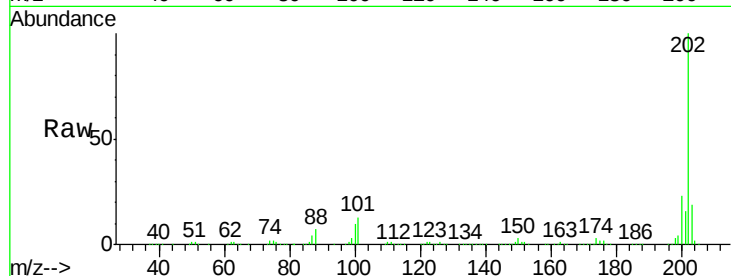




#75
 Fluoranthene
 Concen: 36.868 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

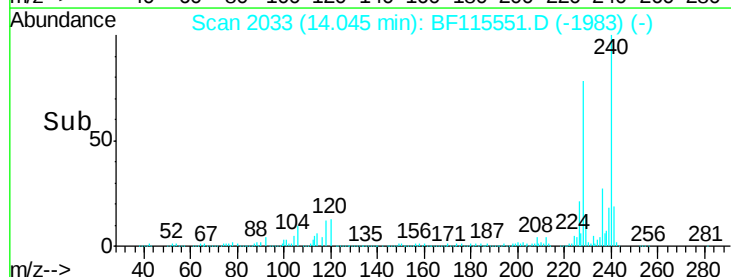
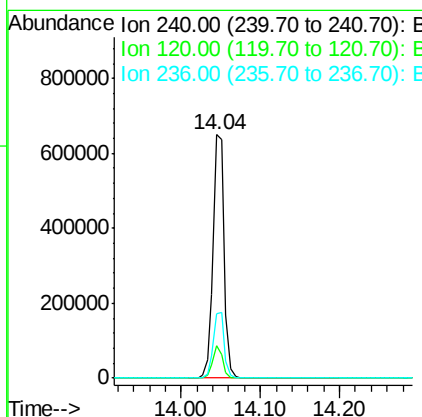
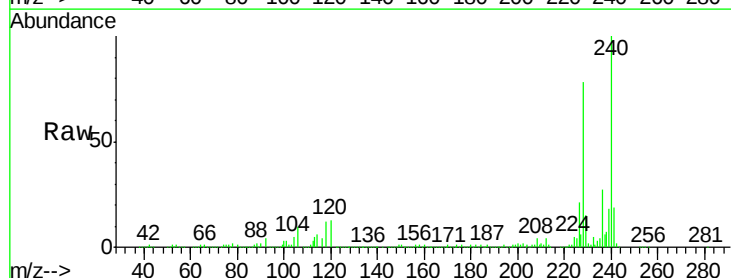
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 2097948
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 31.4
 203 19.1 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115551.D
 Acq: 15 Jul 2019 8:30

Tgt Ion:240 Resp: 629271
 Ion Ratio Lower Upper
 240 100
 120 13.3 8.6 13.0#
 236 26.6 21.3 31.9





#77

Benzidine

Concen: 39.036 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

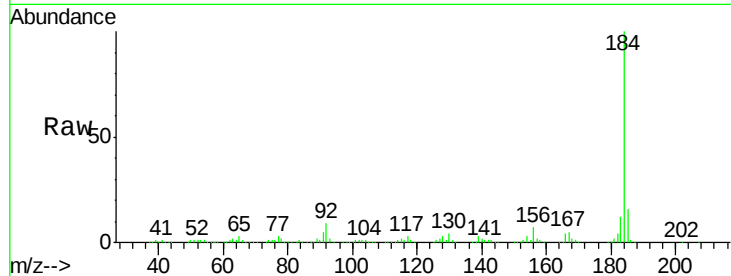
Tot Ion:184 Resp: 870200

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.0	18.0
183	11.8	9.3	13.9

184 100

185 15.6 12.0 18.0

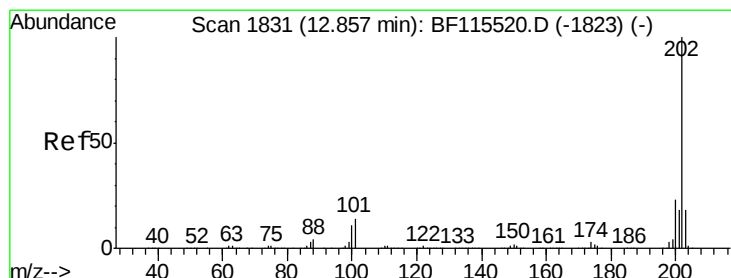
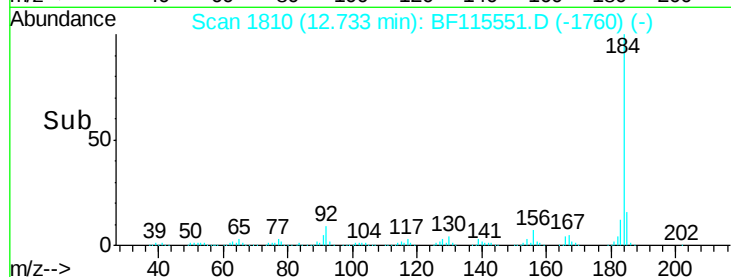
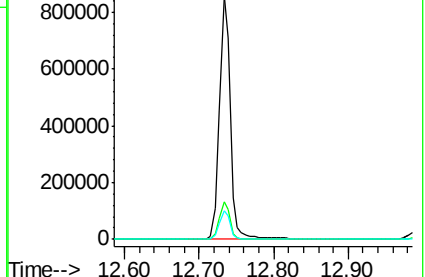
183 11.8 9.3 13.9



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: 39.466 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

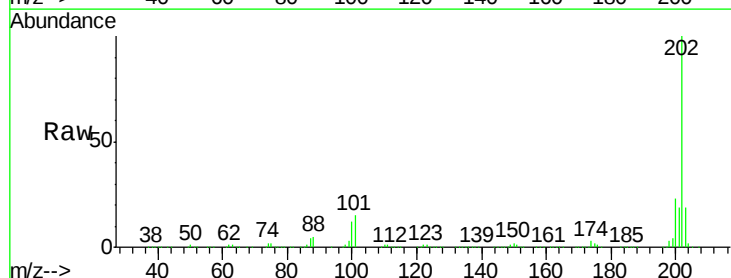
Tgt Ion:202 Resp: 2104103

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.7	28.1
203	18.6	15.2	22.8

202 100

200 22.8 18.7 28.1

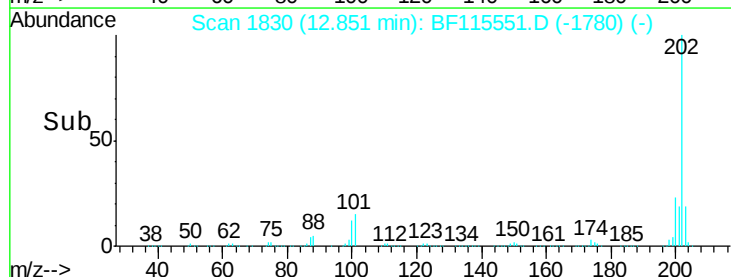
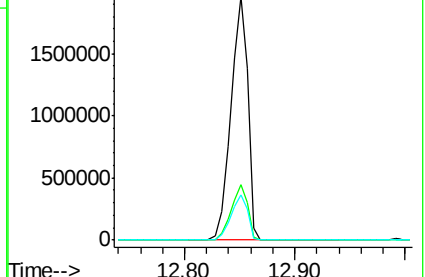
203 18.6 15.2 22.8



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: 76.113 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

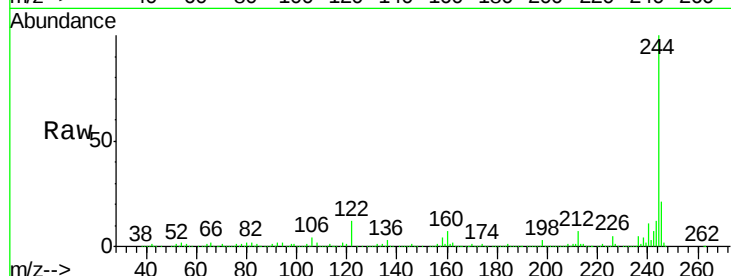
Tot Ion:244 Resp: 2595742

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

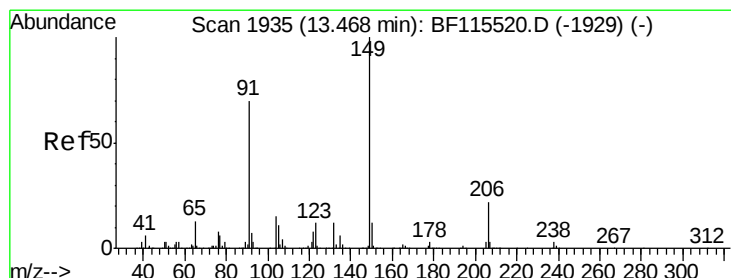
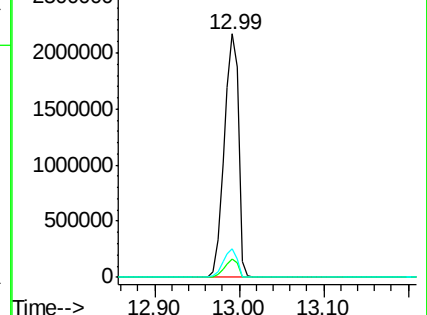
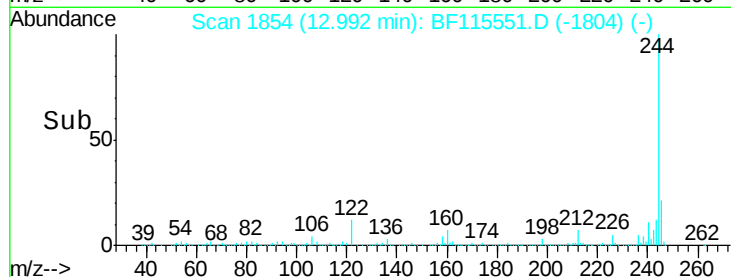
122 11.7 8.6 12.8



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: 39.716 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

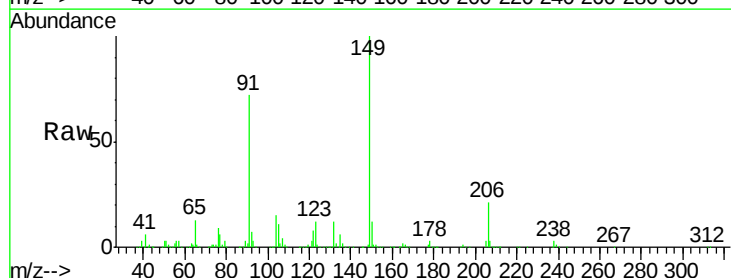
Tgt Ion:149 Resp: 902658

Ion Ratio Lower Upper

149 100

91 71.7 55.8 83.8

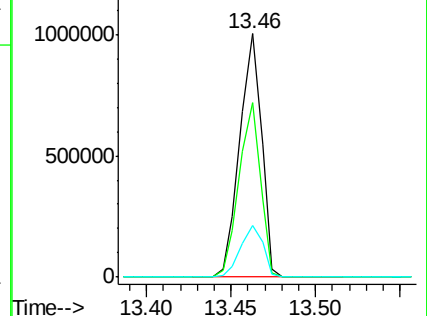
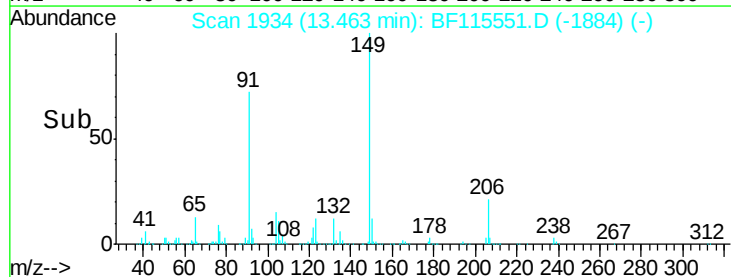
206 21.4 18.2 27.2



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: 38.651 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

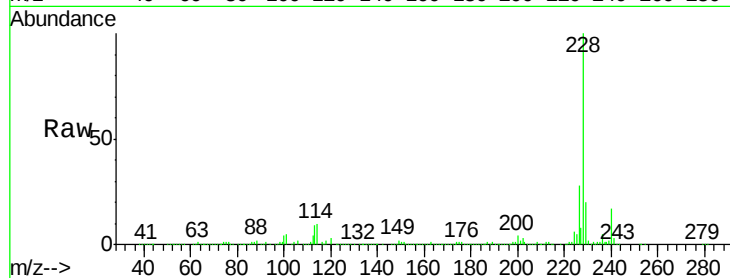
Tot Ion:228 Resp: 1602319

Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.0

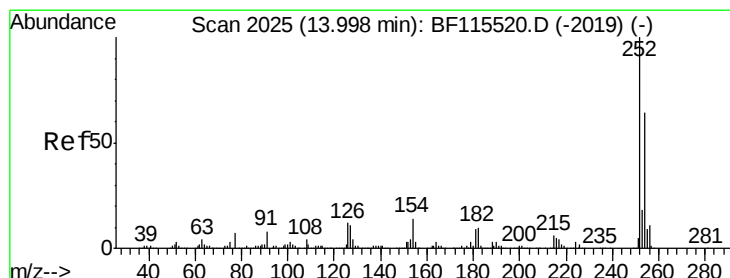
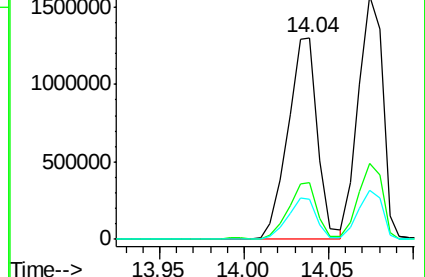
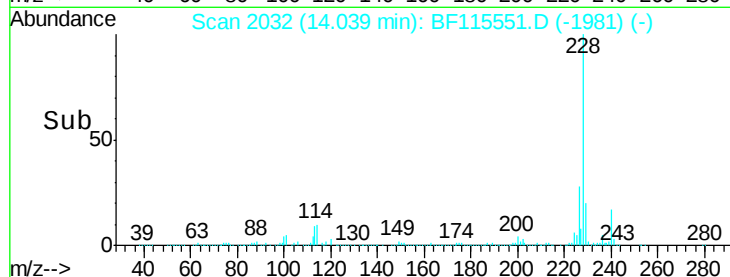
229 19.7 17.2 25.8



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: 40.130 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

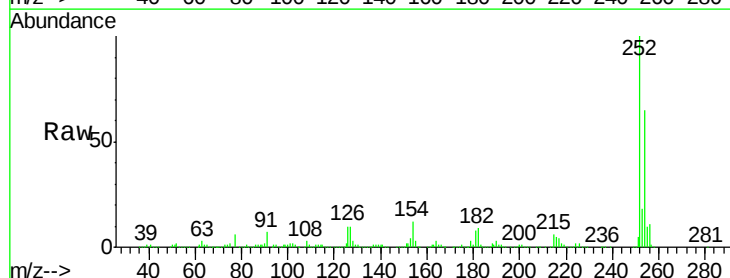
Tgt Ion:252 Resp: 591416

Ion Ratio Lower Upper

252 100

254 65.4 52.9 79.3

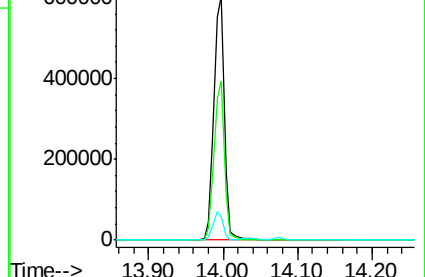
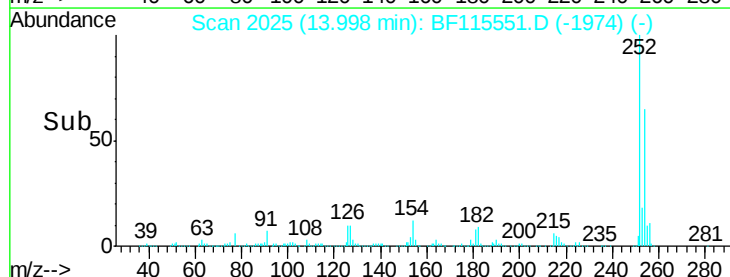
126 9.8 9.9 14.9#

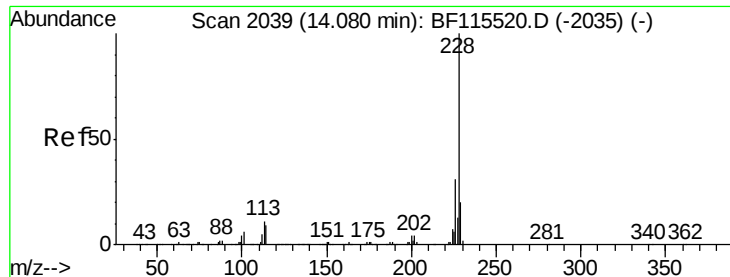


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 38.334 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

Instrument :

BNA_F

ClientSampleId :

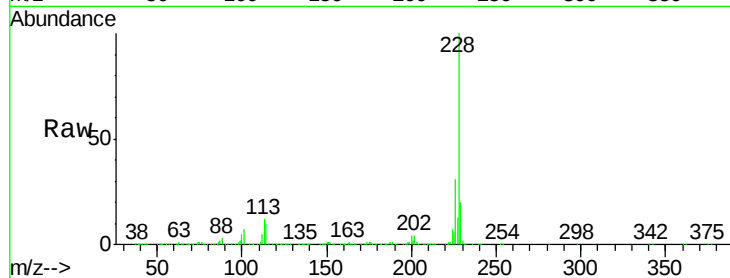
Tot Ion:228 Resp: 1595345

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

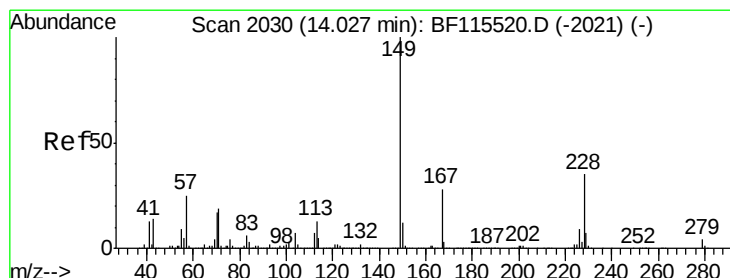
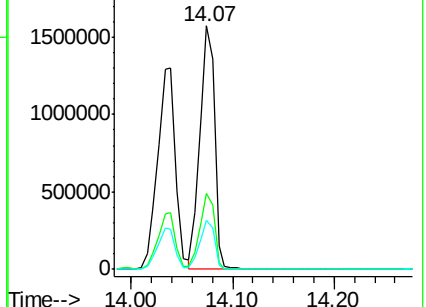
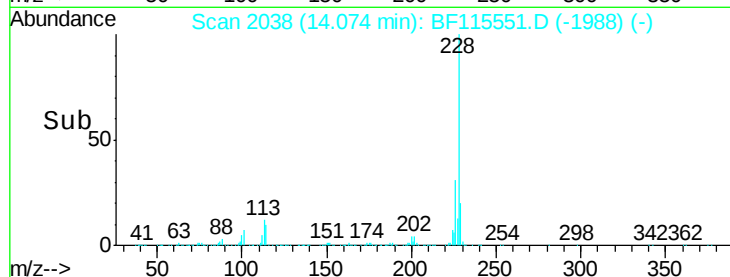
229 20.3 16.6 25.0



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: 38.762 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115551.D

Acq: 15 Jul 2019 8:30

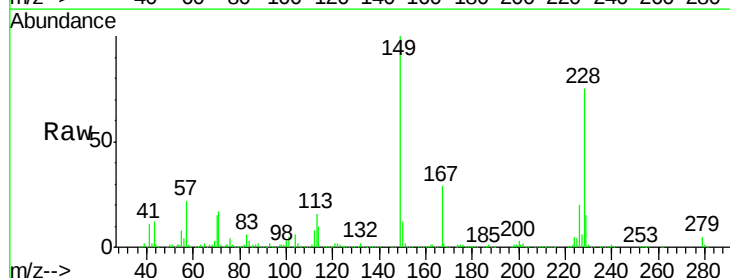
Tgt Ion:149 Resp: 1091220

Ion Ratio Lower Upper

149 100

167 28.6 23.0 34.4

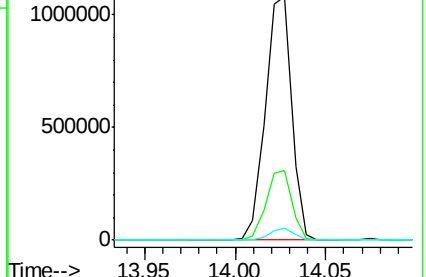
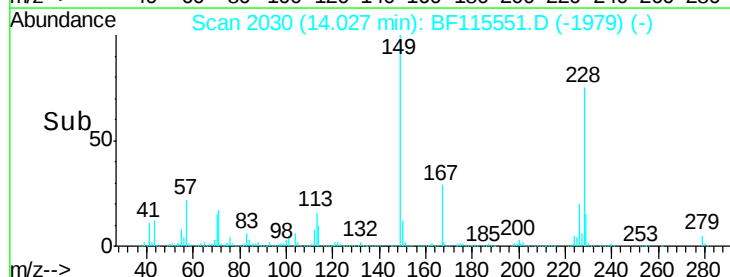
279 5.1 4.2 6.2

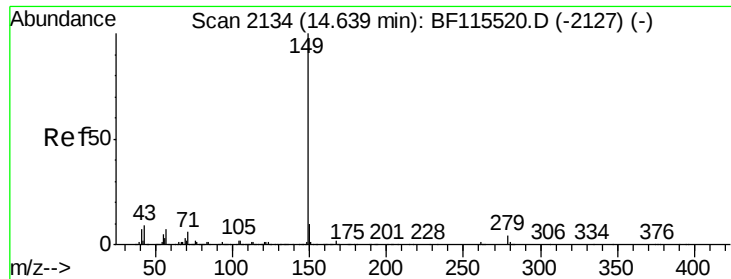


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

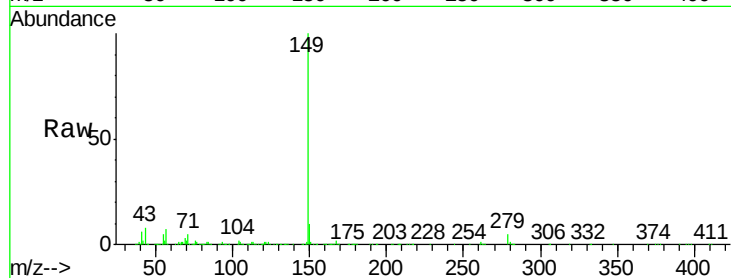




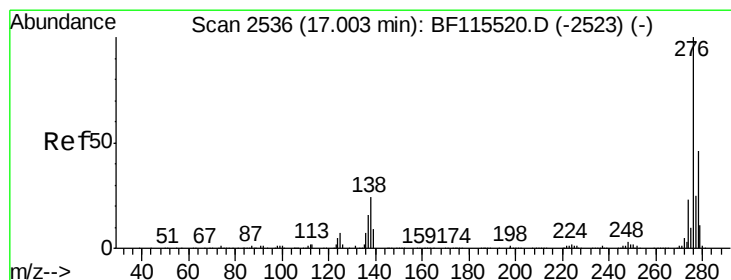
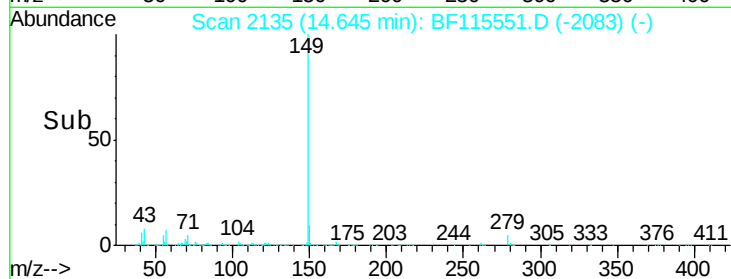
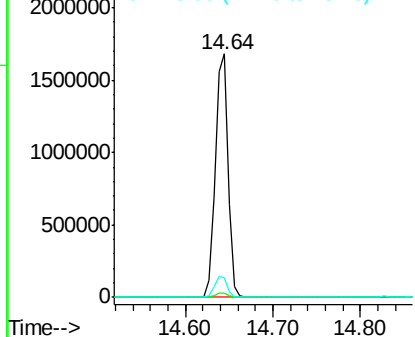
#85
Di-n-octyl phthalate
Concen: 37.990 ng
RT: 14.64 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1701671
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.5 7.2 10.8

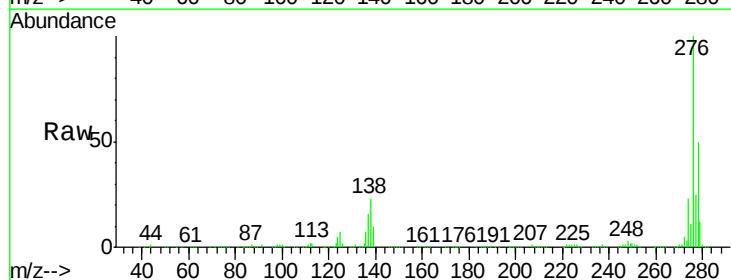


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

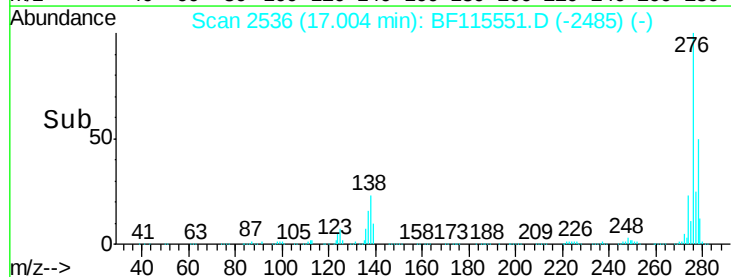
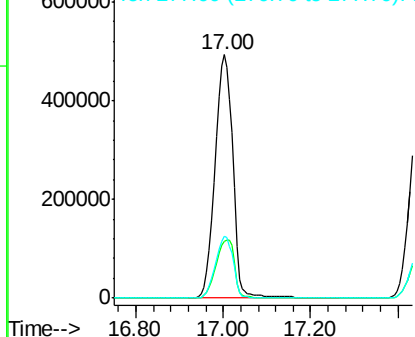


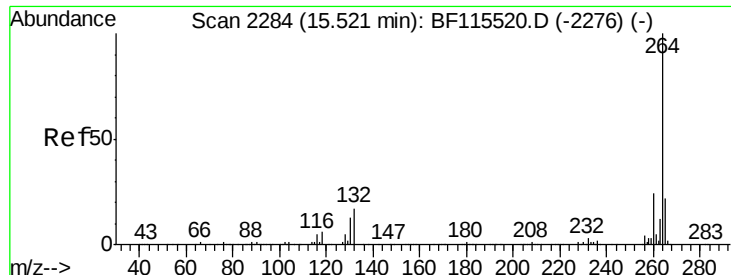
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.757 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion:276 Resp: 1405678
Ion Ratio Lower Upper
276 100
138 24.8 20.2 30.2
277 25.2 20.4 30.6



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



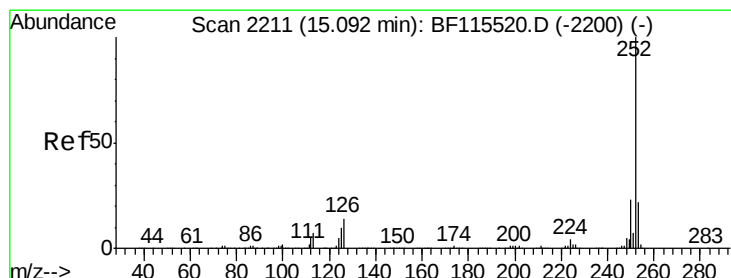
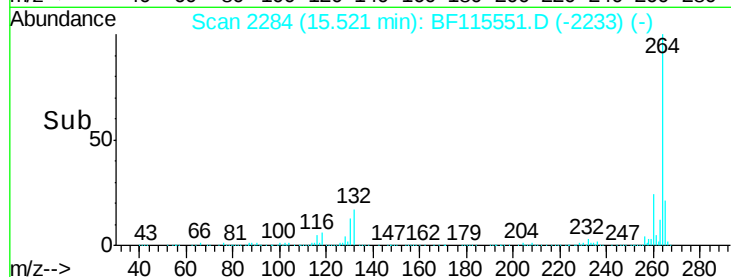
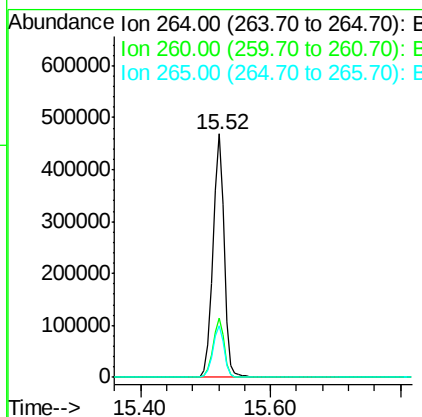
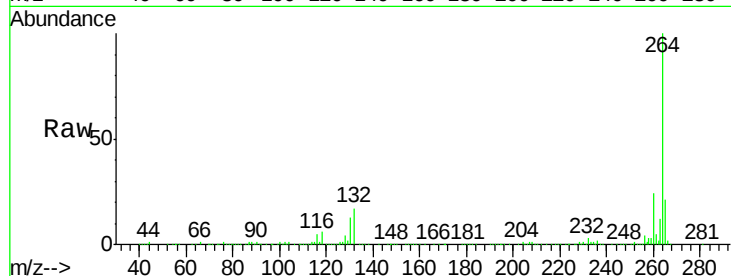


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 560884

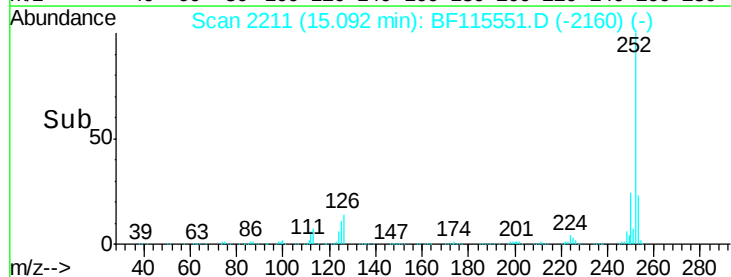
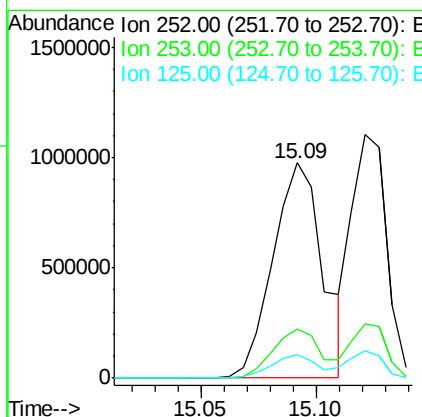
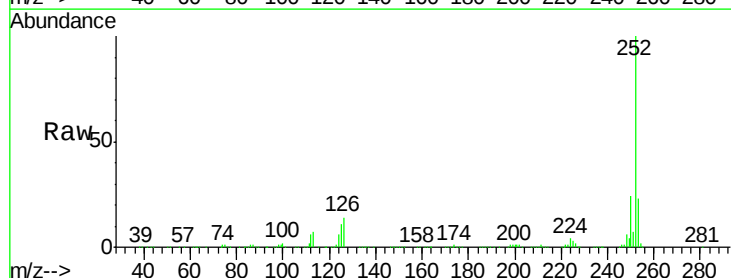
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	21.3	17.7	26.5

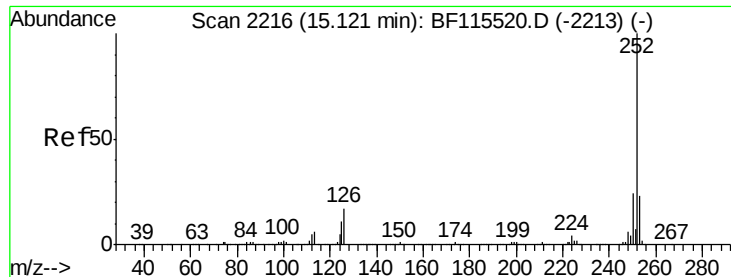


#88
Benzo(b)fluoranthene
Concen: 40.512 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion:252 Resp: 1463129

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.0	9.0	13.4

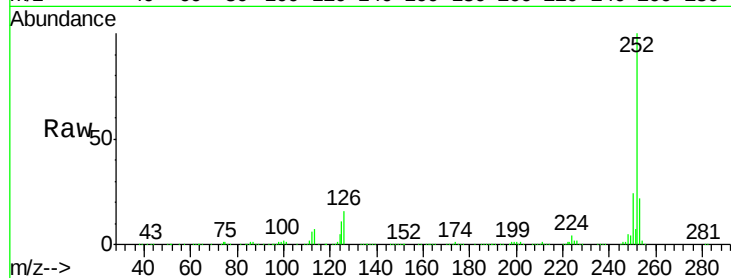




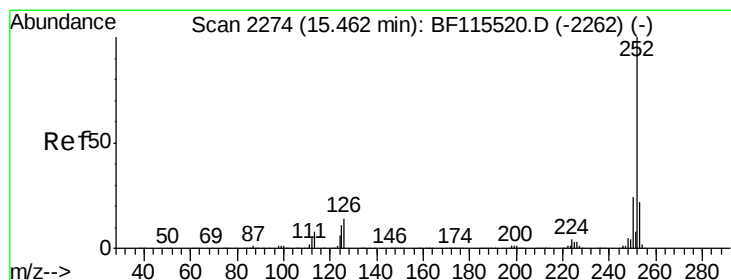
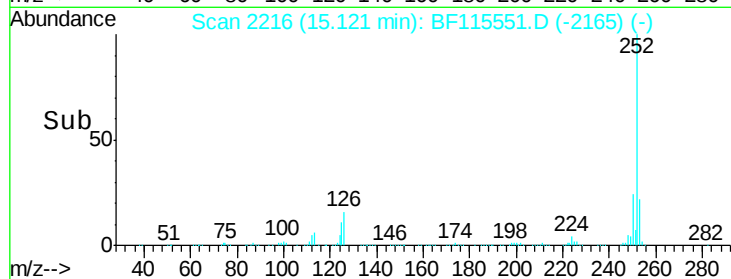
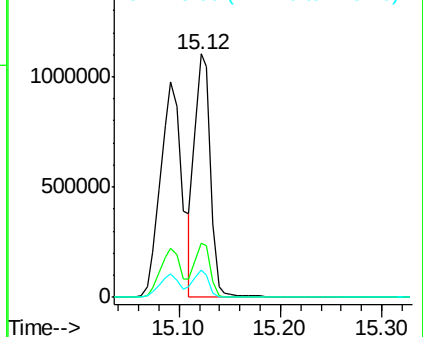
#89
Benzo(k)fluoranthene
Concen: 36.693 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1181494
Ion Ratio Lower Upper
252 100
253 22.1 18.6 28.0
125 11.3 9.0 13.6

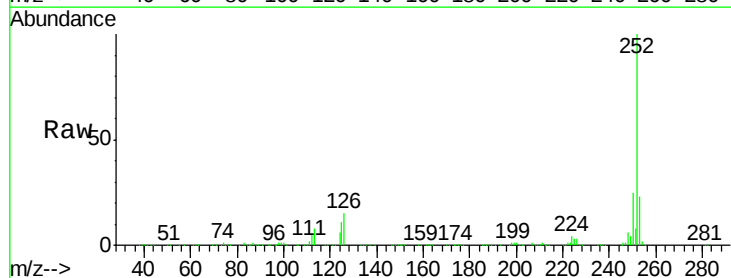


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

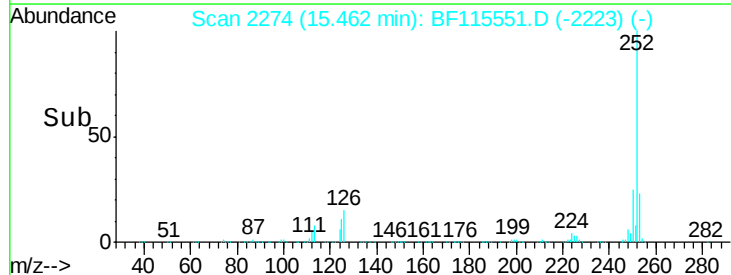
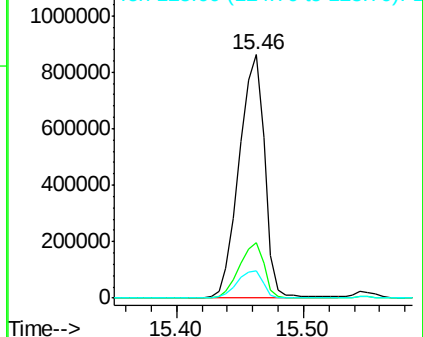


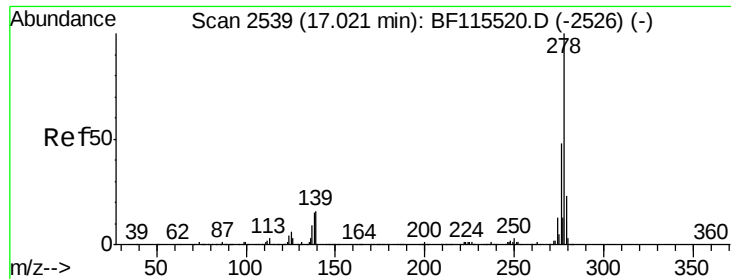
#90
Benzo(a)pyrene
Concen: 38.645 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion:252 Resp: 1199592
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.4 9.1 13.7



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

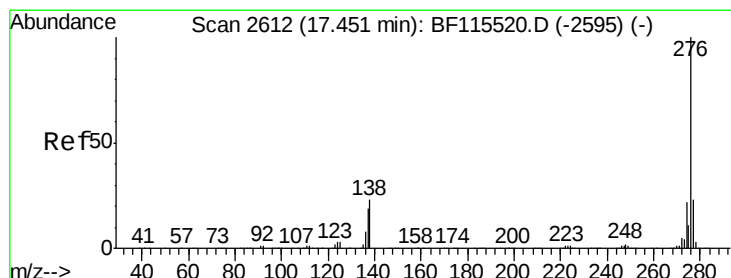
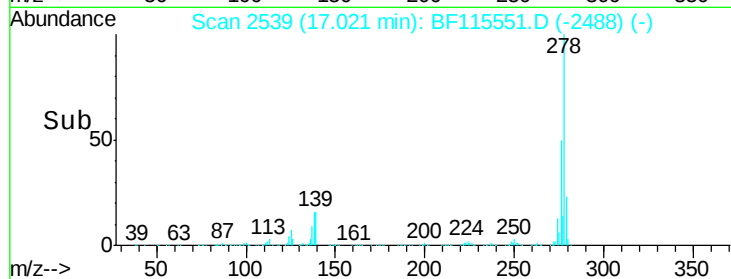
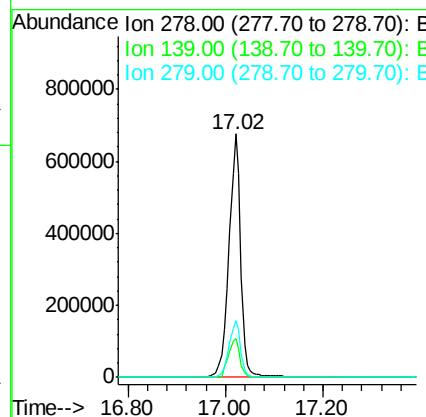
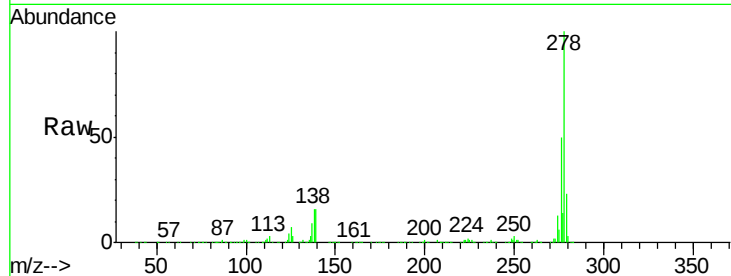




#91
Dibenzo(a,h)anthracene
Concen: 41.828 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1139884
Ion Ratio Lower Upper
278 100
139 15.8 13.1 19.7
279 23.5 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 42.120 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.00 min
Lab File: BF115551.D
Acq: 15 Jul 2019 8:30

Tgt Ion:276 Resp: 1144759
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.4
138 21.3 17.2 25.8

