

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115500.D
 Acq On : 11 Jul 2019 17:35
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:12:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	199514	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	835113	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	419358	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	822147	20.00	ng	0.00
76) Chrysene-d12	14.06	240	562871	20.00	ng	0.00
87) Perylene-d12	15.54	264	556656	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	945382	73.21	ng	0.00
7) Phenol-d6	6.53	99	1212785	73.85	ng	0.00
23) Nitrobenzene-d5	7.46	82	1120008	79.24	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	384779	82.99	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1896405	79.35	ng	0.00
79) Terphenyl-d14	13.01	244	2145923	78.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	226492	35.758	ng	99
3) Pyridine	3.45	79	629992	35.970	ng	99
4) n-Nitrosodimethylamine	3.40	42	229355	32.293	ng	97
6) Aniline	6.56	93	855348	36.907	ng	98
8) 2-Chlorophenol	6.69	128	551316	37.810	ng	94
9) Benzaldehyde	6.45	77	361258	37.816	ng	99
10) Phenol	6.54	94	708011	36.032	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	533660	36.609	ng	99
12) 1,3-Dichlorobenzene	6.84	146	608021	38.061	ng	99
13) 1,4-Dichlorobenzene	6.92	146	611160	38.194	ng	98
14) 1,2-Dichlorobenzene	7.07	146	566572	38.244	ng	99
15) Benzyl Alcohol	7.03	79	499830	37.927	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	720591	35.354	ng	99
17) 2-Methylphenol	7.15	107	479734	38.404	ng	100
18) Hexachloroethane	7.42	117	226397	37.980	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	395007	35.551	ng	99
20) 3+4-Methylphenols	7.30	107	552728	37.459	ng	97
22) Acetophenone	7.31	105	723568	36.159	ng	# 92
24) Nitrobenzene	7.48	77	615383	38.551	ng	99
25) Isophorone	7.72	82	1121161	36.595	ng	100
26) 2-Nitrophenol	7.79	139	317873	48.436	ng	99
27) 2,4-Dimethylphenol	7.83	122	437188	34.936	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	691624	36.609	ng	99
29) 2,4-Dichlorophenol	8.03	162	487604	39.121	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	543343	39.158	ng	98
31) Naphthalene	8.20	128	1565000	37.729	ng	99
32) Benzoic acid	7.96	122	303908	35.182	ng	98
33) 4-Chloroaniline	8.25	127	711726	38.456	ng	99
34) Hexachlorobutadiene	8.32	225	313014	39.778	ng	99
35) Caprolactam	8.63	113	160325	39.494	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	509953	38.680	ng	99
37) 2-Methylnaphthalene	8.89	142	1047258	37.772	ng	100
38) 1-Methylnaphthalene	8.99	142	997454	37.706	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	479379	39.735	ng	99

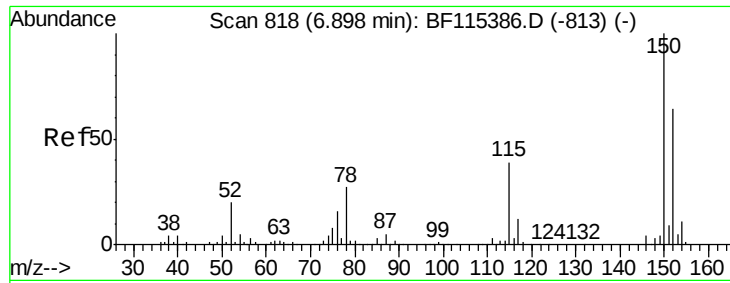
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115500.D
 Acq On : 11 Jul 2019 17:35
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:12:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	260071	37.193	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	352449	40.128	ng	97
44) 2,4,5-Trichlorophenol	9.21	196	367866	40.392	ng	99
46) 1,1'-Biphenyl	9.36	154	1257022	38.129	ng	99
47) 2-Chloronaphthalene	9.38	162	1054719	38.709	ng	98
48) 2-Nitroaniline	9.47	65	335687	41.933	ng	99
49) Acenaphthylene	9.80	152	1586713	38.462	ng	99
50) Dimethylphthalate	9.66	163	1223844	38.882	ng	100
51) 2,6-Dinitrotoluene	9.72	165	288541	42.269	ng	99
52) Acenaphthene	9.97	154	1014913	39.091	ng	98
53) 3-Nitroaniline	9.89	138	332027	41.878	ng	99
54) 2,4-Dinitrophenol	9.99	184	142273	52.138	ng	98
55) Dibenzofuran	10.15	168	1400855	38.303	ng	99
56) 4-Nitrophenol	10.04	139	259169	42.250	ng	94
57) 2,4-Dinitrotoluene	10.12	165	381141	43.933	ng	# 86
58) Fluorene	10.49	166	1026813	35.615	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	320551	40.743	ng	99
60) Diethylphthalate	10.36	149	1184191	38.223	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	543253	38.606	ng	98
62) 4-Nitroaniline	10.50	138	329583	42.350	ng	97
63) Azobenzene	10.64	77	1147672	35.936	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	192126	48.675	ng	98
66) n-Nitrosodiphenylamine	10.59	169	979210	37.801	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	357933	38.800	ng	97
68) Hexachlorobenzene	11.04	284	410061	39.613	ng	98
69) Atrazine	11.12	200	327419	40.841	ng	98
70) Pentachlorophenol	11.22	266	259764	41.176	ng	99
71) Phenanthrene	11.45	178	1615895	37.372	ng	99
72) Anthracene	11.50	178	1652695	38.117	ng	100
73) Carbazole	11.65	167	1501892	37.863	ng	100
74) Di-n-butylphthalate	11.98	149	1789640	37.332	ng	99
75) Fluoranthene	12.63	202	1715099	37.672	ng	99
77) Benzidine	12.74	184	785843	35.802	ng	99
78) Pyrene	12.86	202	1736465	39.671	ng	99
80) Butylbenzylphthalate	13.48	149	771480	40.339	ng	95
81) Benzo(a)anthracene	14.05	228	1435540	39.804	ng	100
82) 3,3'-Dichlorobenzidine	14.01	252	529071	40.429	ng	99
83) Chrysene	14.09	228	1432467	38.657	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	950747	40.143	ng	99
85) Di-n-octyl phthalate	14.65	149	1628170	38.616	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1288382	42.067	ng	99
88) Benzo(b)fluoranthene	15.10	252	1407912	38.846	ng	99
89) Benzo(k)fluoranthene	15.14	252	1216991	37.757	ng	99
90) Benzo(a)pyrene	15.48	252	1198935	38.354	ng	98
91) Dibenzo(a,h)anthracene	17.04	278	1047792	39.225	ng	99
92) Benzo(g,h,i)perylene	17.48	276	1019890	40.338	ng	99

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

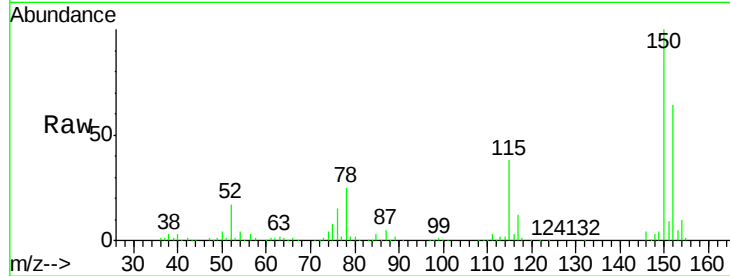


#1

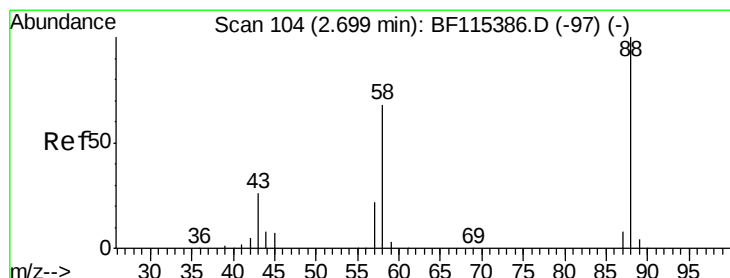
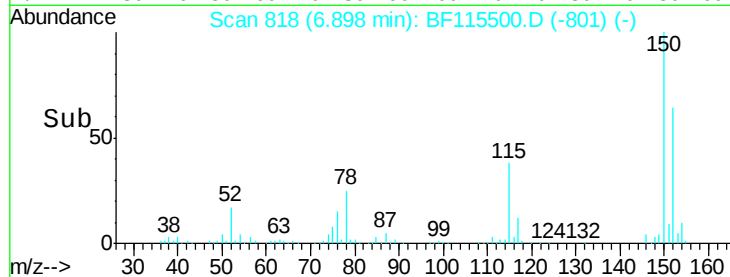
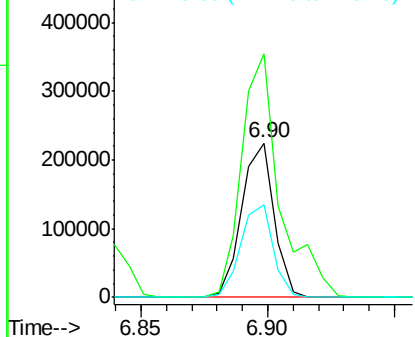
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 199514
Ion Ratio Lower Upper
152 100
150 157.5 127.4 191.2
115 59.7 46.2 69.4



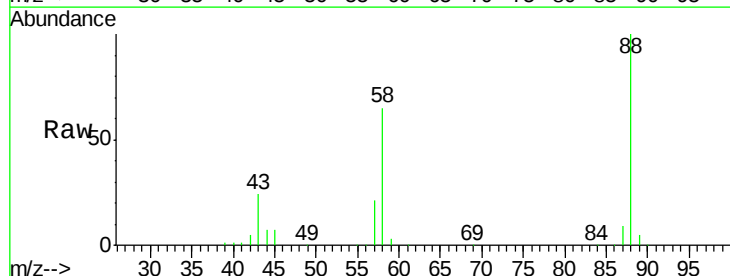
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



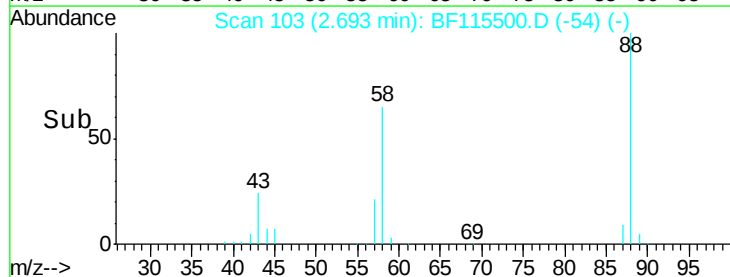
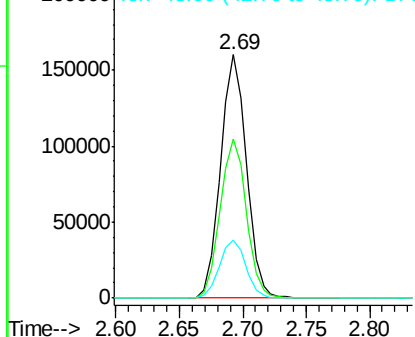
#2

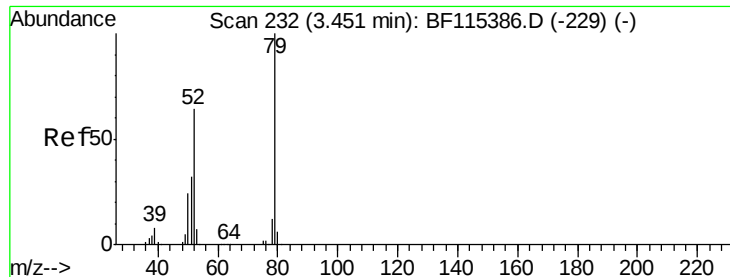
1,4-Dioxane
Concen: 35.758 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion: 88 Resp: 226492
Ion Ratio Lower Upper
88 100
58 66.1 52.5 78.7
43 24.4 19.0 28.6



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: 35.970 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

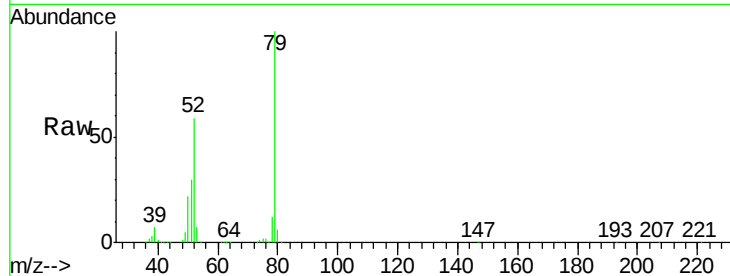
Tot Ion: 79 Resp: 629992

Ion Ratio Lower Upper

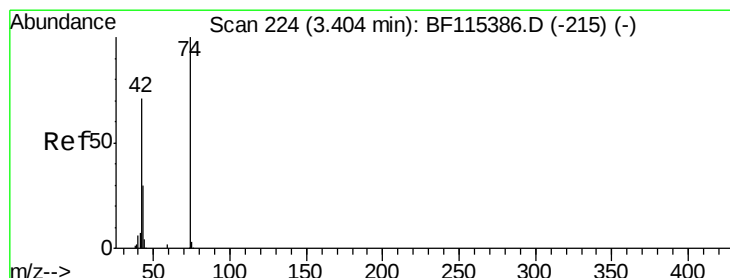
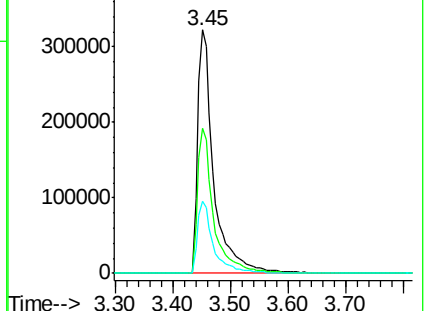
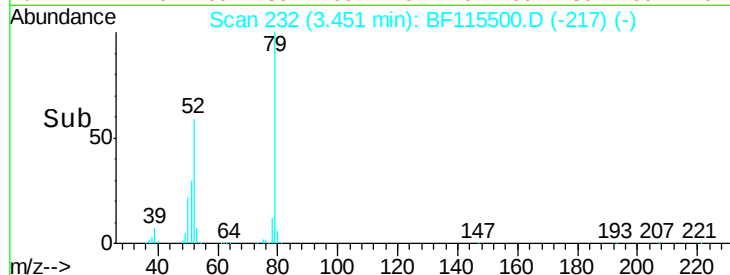
79 100

52 59.5 48.2 72.2

51 29.8 23.2 34.8



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: 32.293 ng

RT: 3.40 min Scan# 224

Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

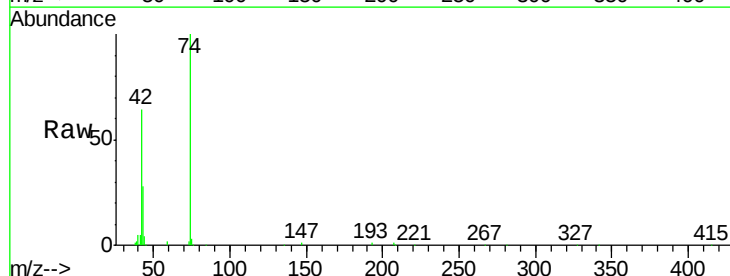
Tgt Ion: 42 Resp: 229355

Ion Ratio Lower Upper

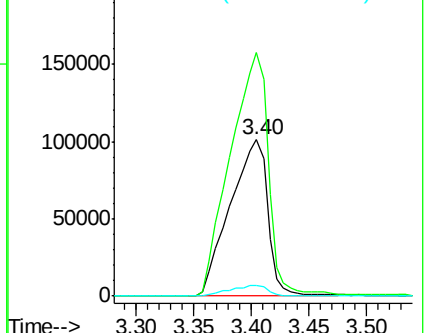
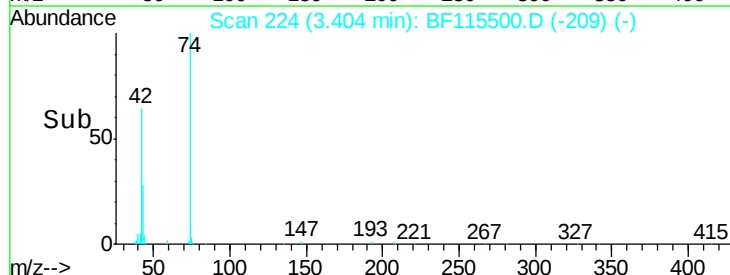
42 100

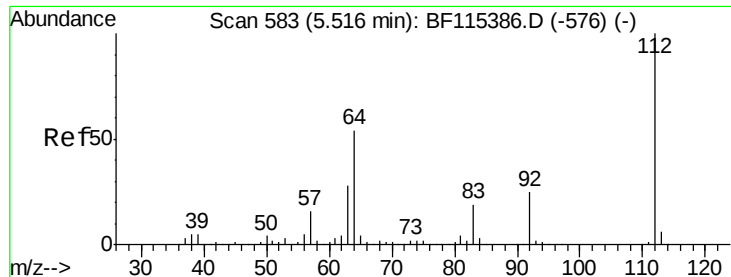
74 155.9 128.5 192.7

44 6.4 5.3 7.9



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





#5

2-Fluorophenol

Concen: 73.210 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

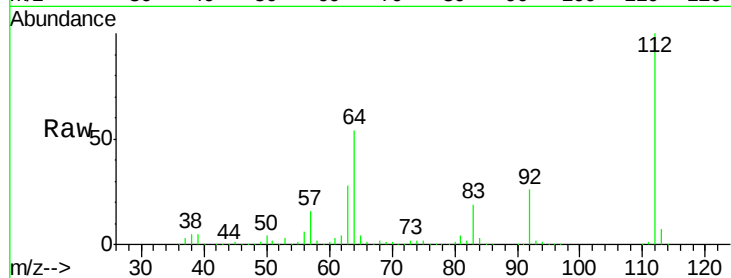
Tot Ion: 112 Resp: 945382

Ion Ratio Lower Upper

112 100

64 54.1 44.2 66.2

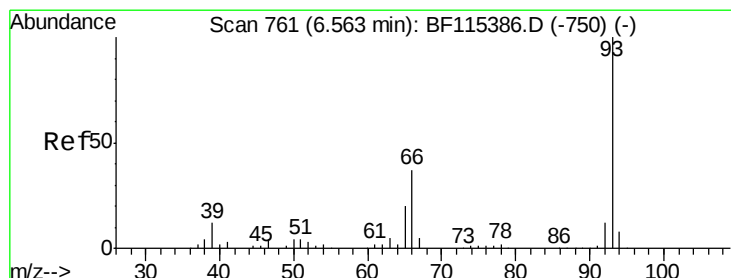
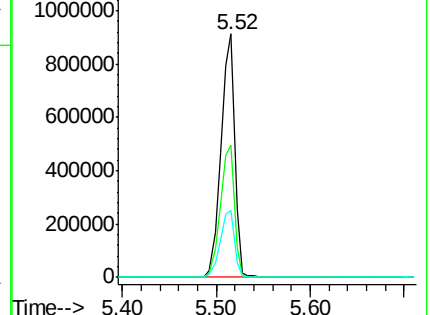
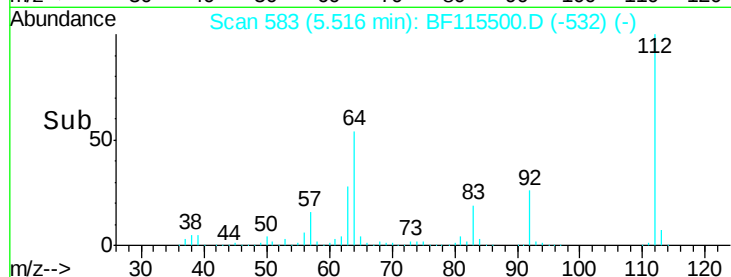
63 27.8 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.907 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

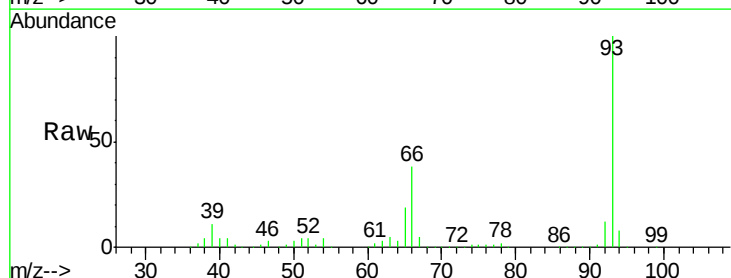
Tgt Ion: 93 Resp: 855348

Ion Ratio Lower Upper

93 100

66 38.1 31.3 46.9

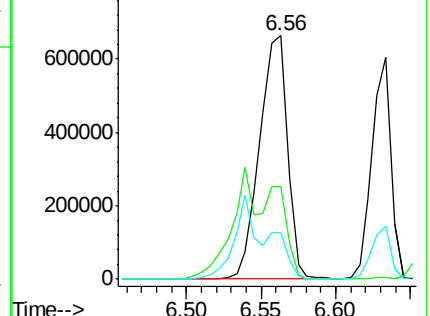
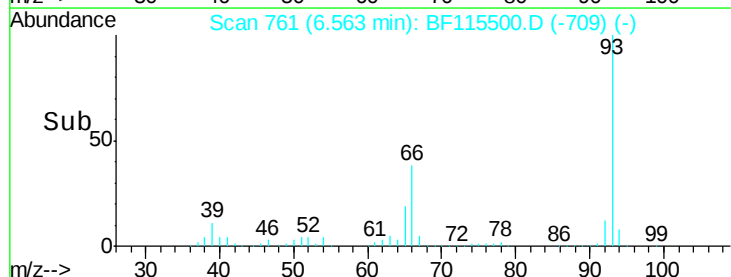
65 19.2 15.9 23.9

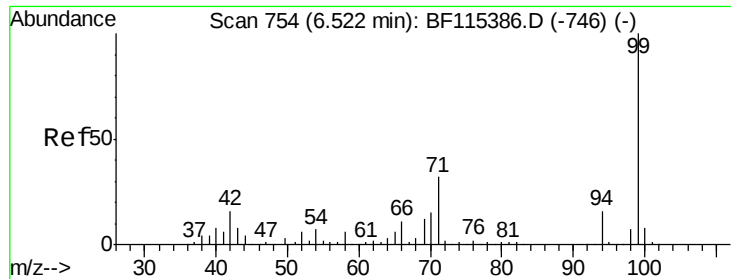


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.847 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

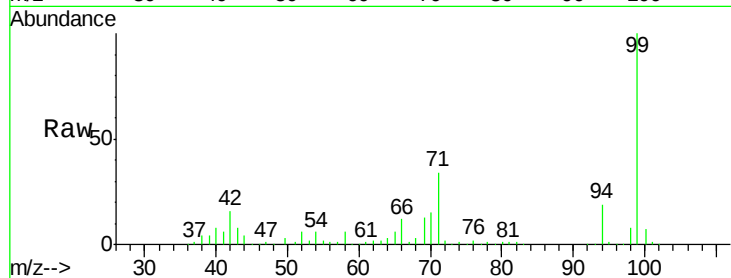
Tot Ion: 99 Resp: 1212785

Ion Ratio Lower Upper

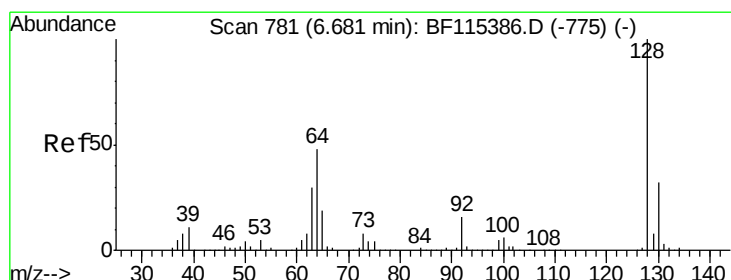
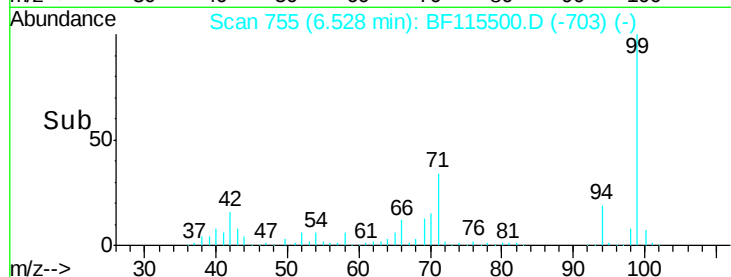
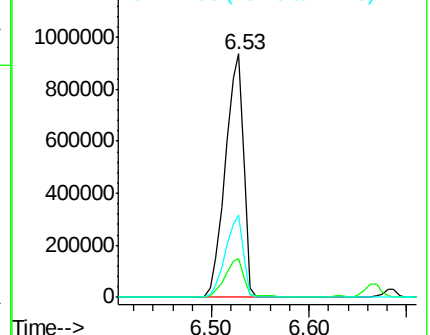
99 100

42 15.9 12.8 19.2

71 33.7 26.5 39.7



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: 37.810 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

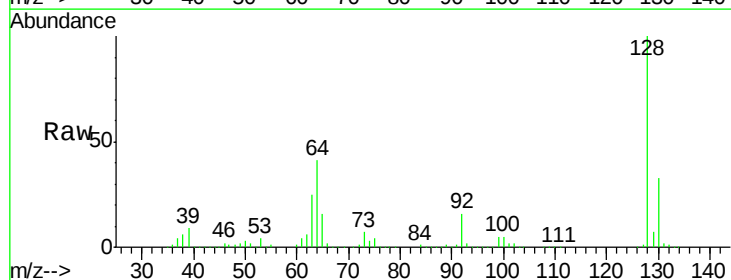
Tgt Ion: 128 Resp: 551316

Ion Ratio Lower Upper

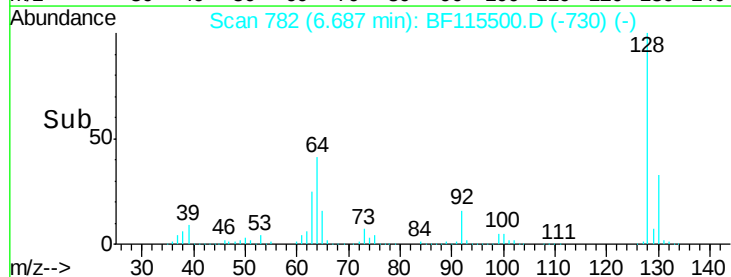
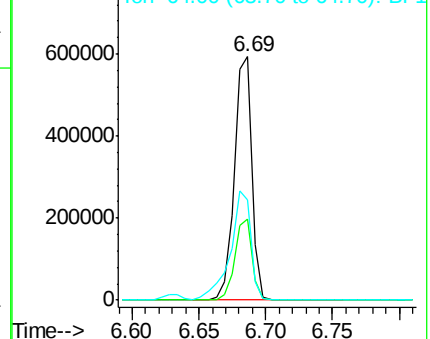
128 100

130 33.4 11.8 51.8

64 41.2 27.0 67.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

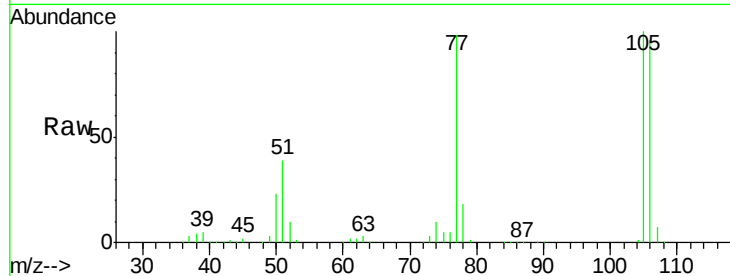




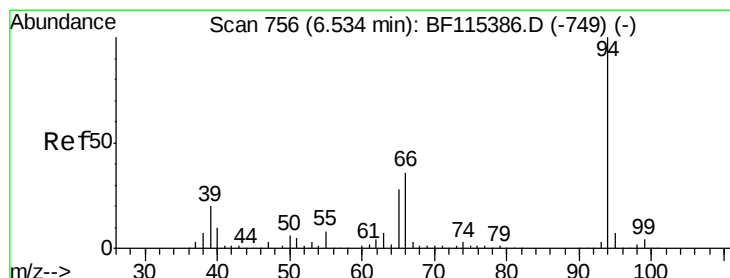
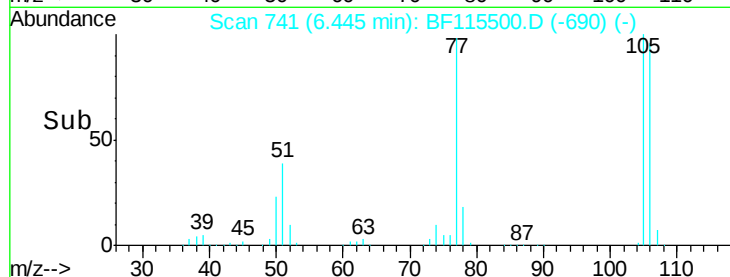
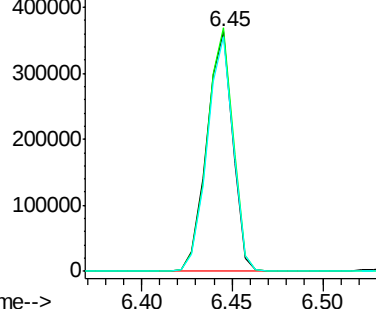
#9
Benzaldehyde
Concen: 37.816 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 361258
Ion Ratio Lower Upper
77 100
105 101.6 82.9 122.9
106 98.0 77.8 117.8

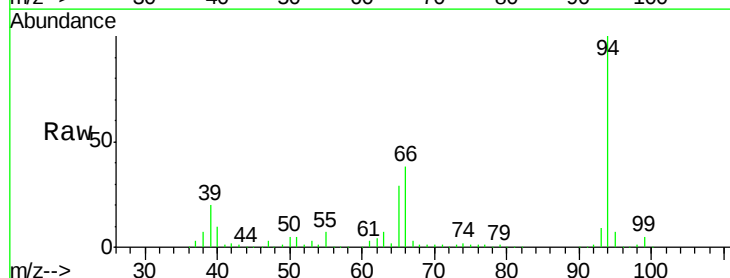


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

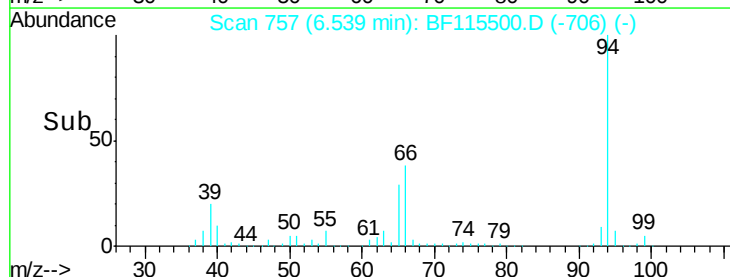
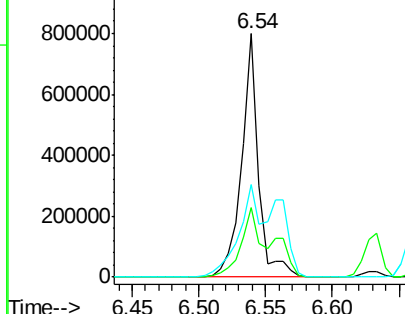


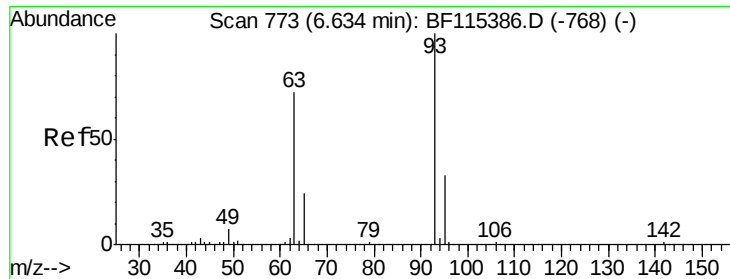
#10
Phenol
Concen: 36.032 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion: 94 Resp: 708011
Ion Ratio Lower Upper
94 100
65 28.7 7.2 47.2
66 38.0 16.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

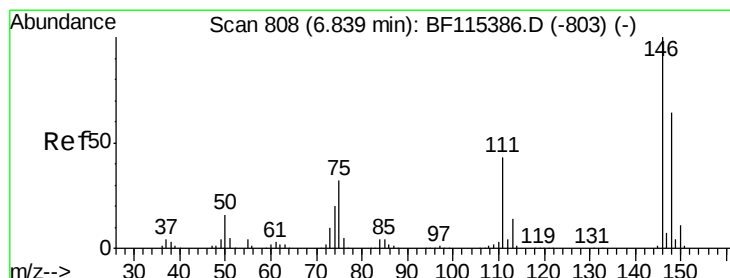
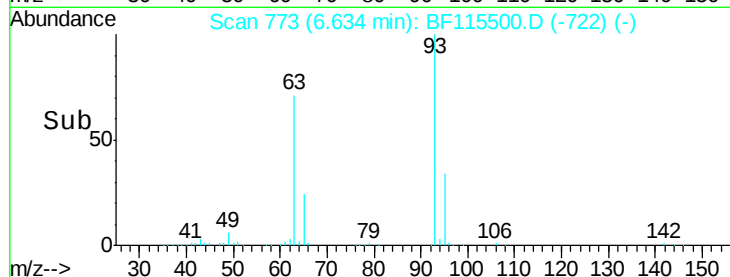
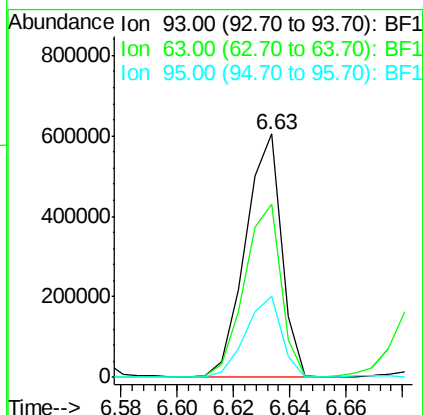
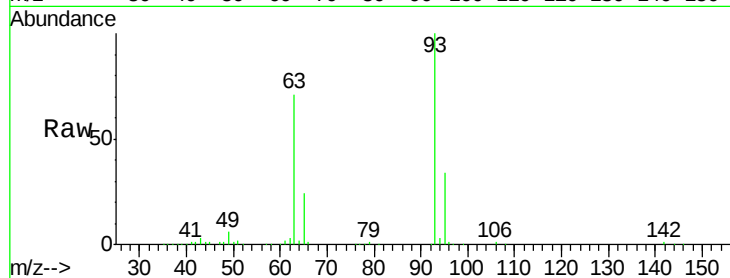




#11
bis(2-Chloroethyl)ether
Concen: 36.609 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

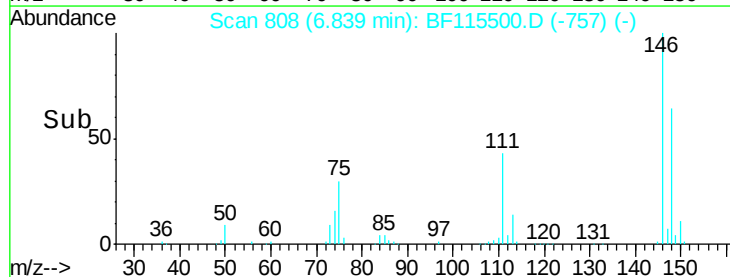
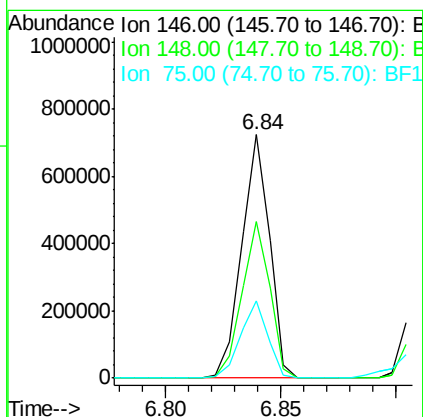
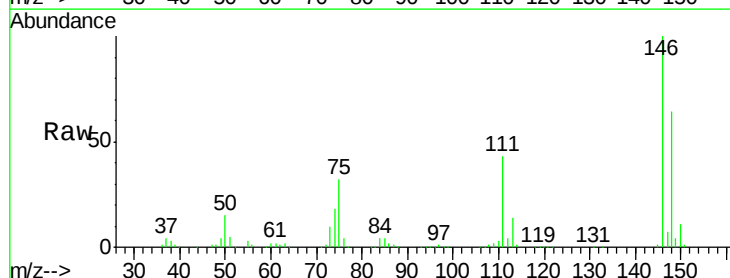
Instrument :
BNA_F
ClientSampleId :

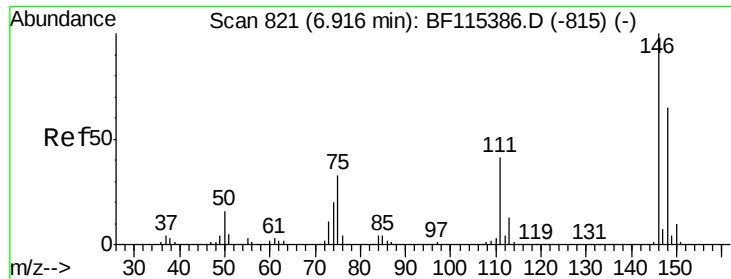
Tot Ion	93	Resp	533660
Ion Ratio	100	Lower	Upper
63	71.0	50.0	90.0
95	33.5	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 38.061 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion	146	Resp	608021
Ion Ratio	100	Lower	Upper
148	64.3	52.3	78.5
75	31.8	24.8	37.2

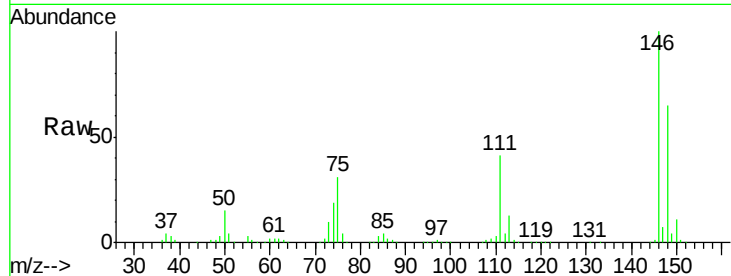




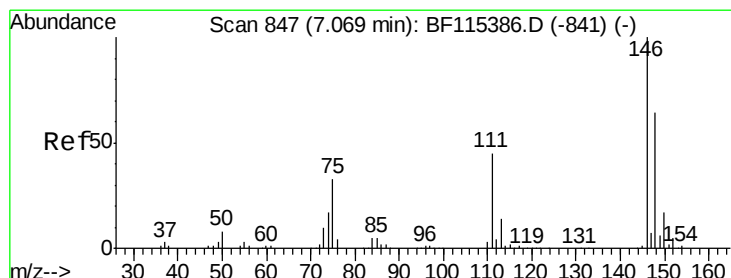
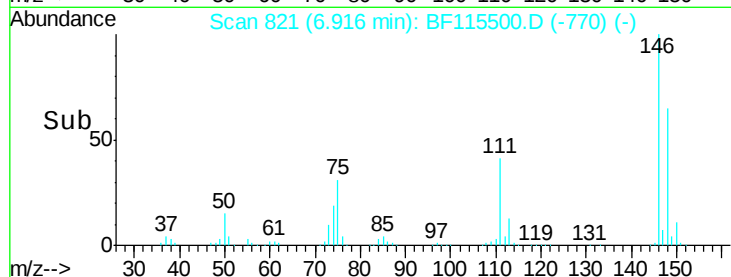
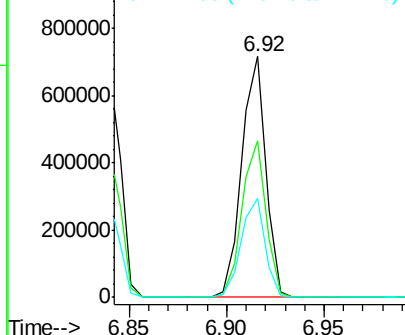
#13
 1,4-Dichlorobenzene
 Concen: 38.194 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 611160
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.3 76.9
 111 41.4 32.1 48.1

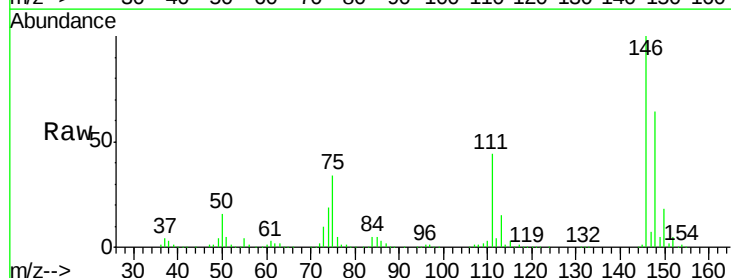


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

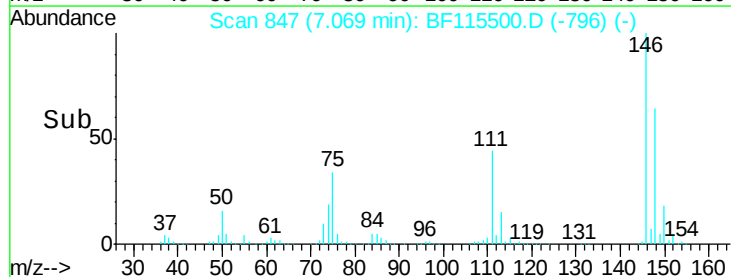
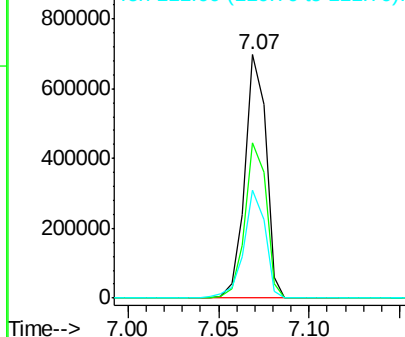


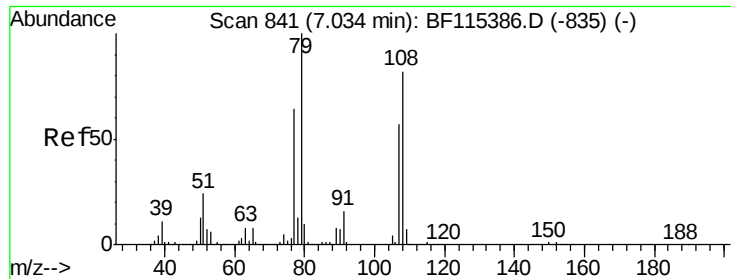
#14
 1,2-Dichlorobenzene
 Concen: 38.244 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

Tgt Ion:146 Resp: 566572
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 44.5 35.4 53.2



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





#15

Benzyl Alcohol

Concen: 37.927 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

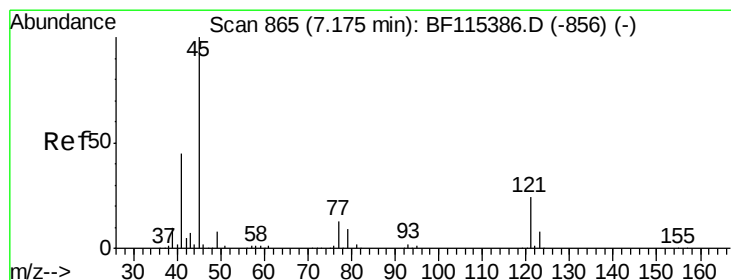
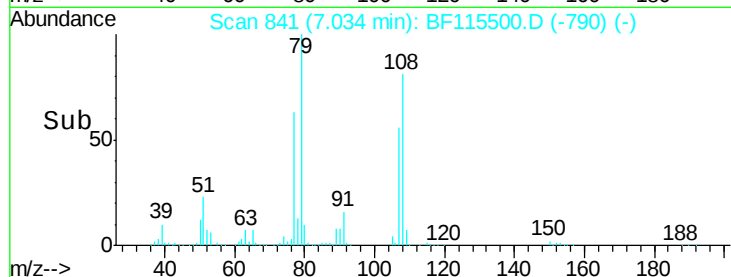
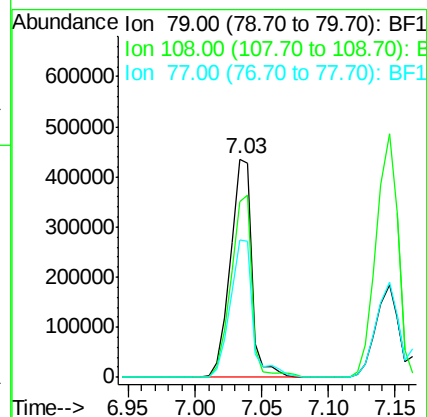
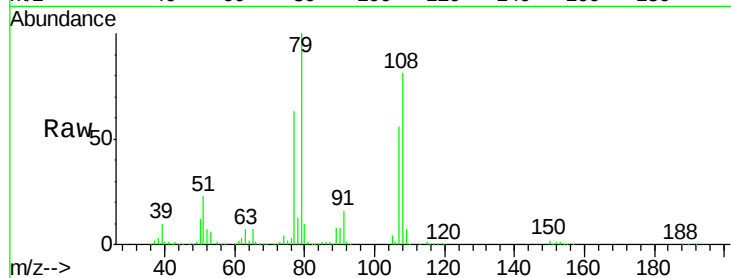
Tot Ion: 79 Resp: 499830

Ion Ratio Lower Upper

79 100

108 80.6 65.3 97.9

77 62.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.354 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

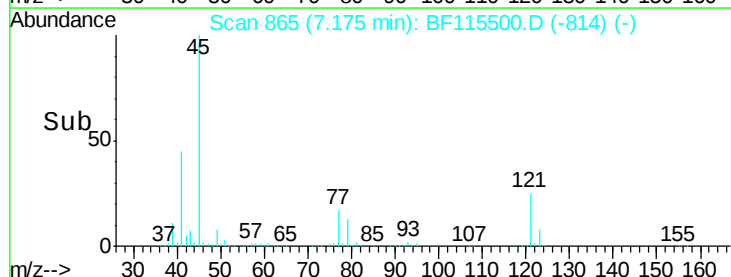
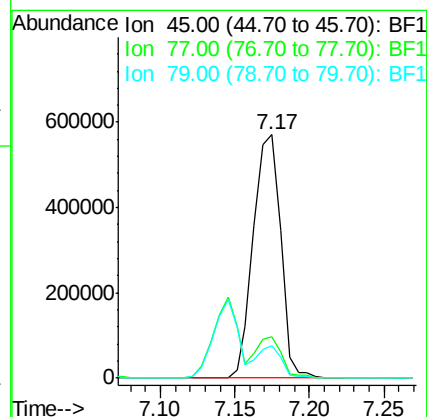
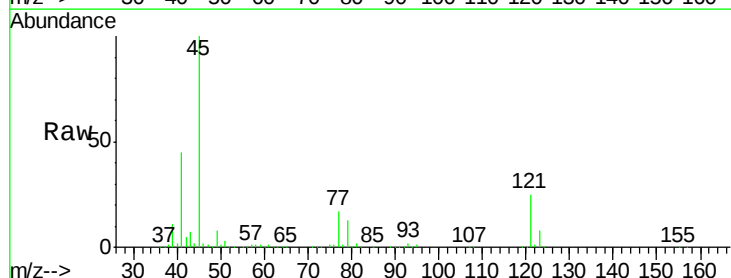
Tgt Ion: 45 Resp: 720591

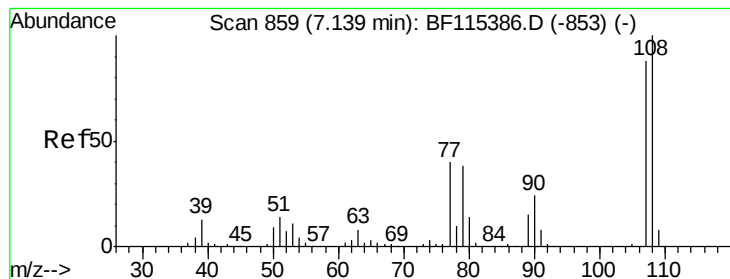
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.4

79 13.1 0.0 33.4





#17

2-Methylphenol

Concen: 38.404 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 479734

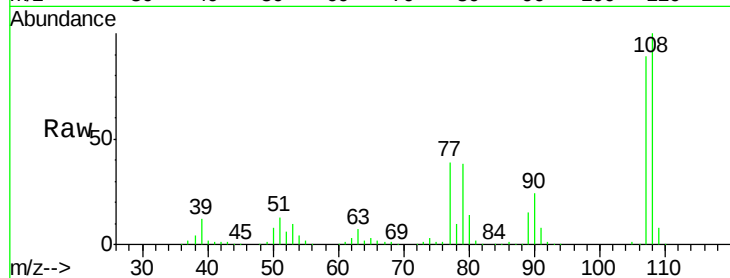
Ion Ratio Lower Upper

107 100

108 112.1 90.0 135.0

77 44.1 35.0 52.4

79 42.5 34.4 51.6

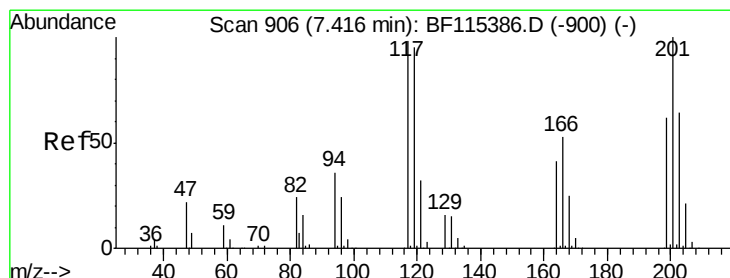
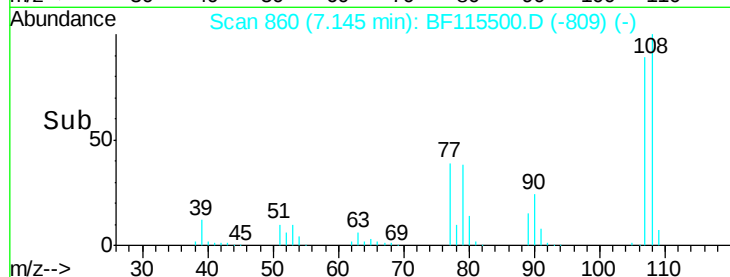
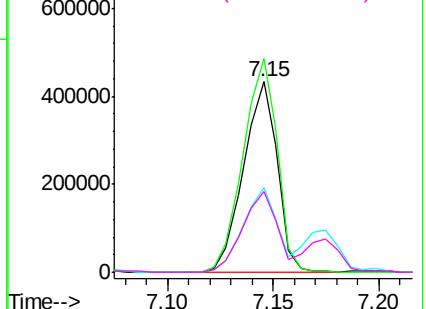


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.980 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

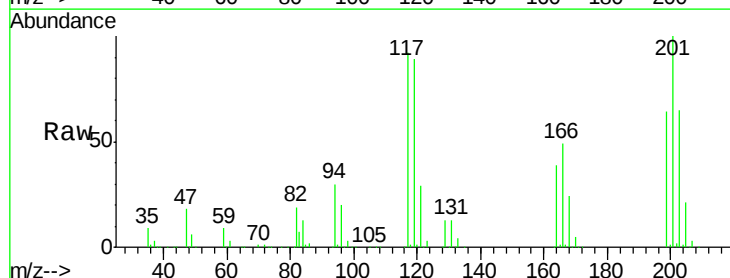
Tgt Ion:117 Resp: 226397

Ion Ratio Lower Upper

117 100

119 97.0 76.8 115.2

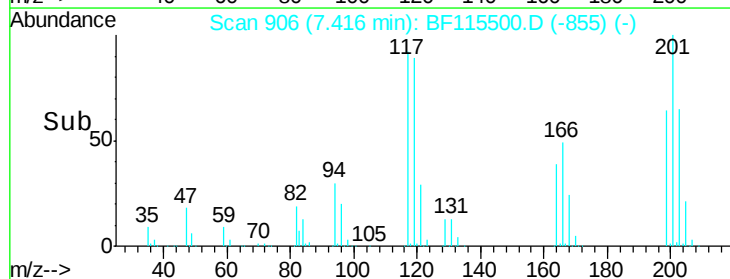
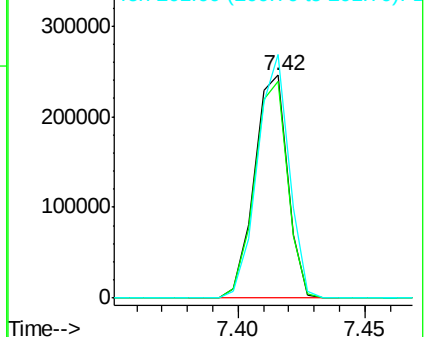
201 109.1 85.8 128.6

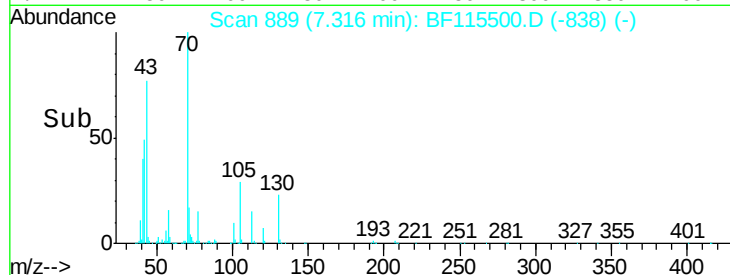
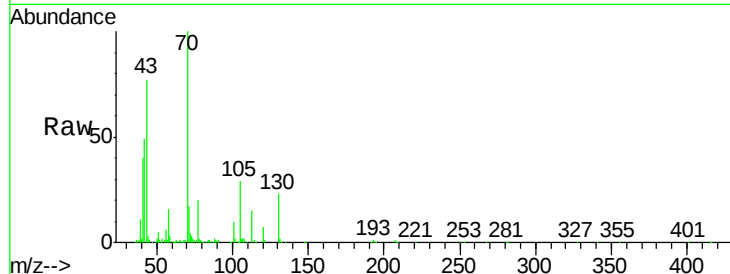
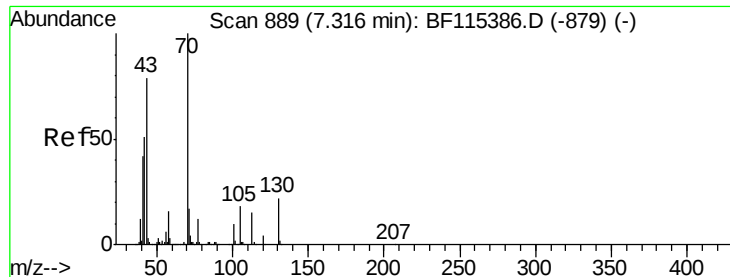


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

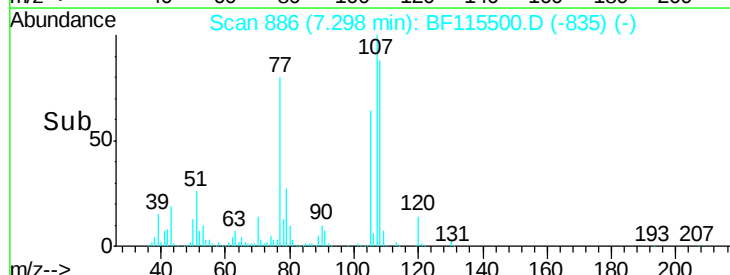
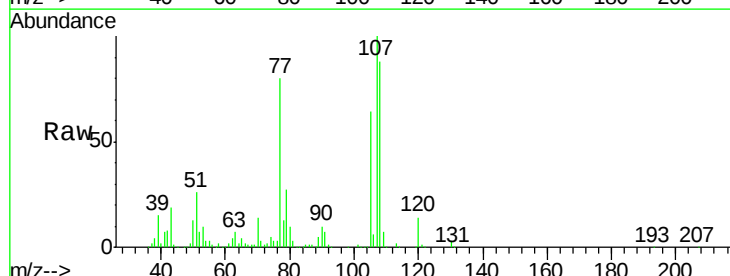
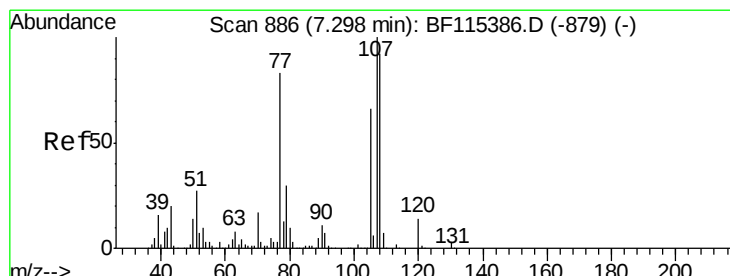
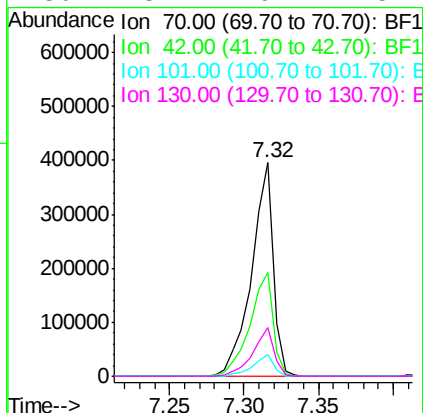




#19
n-Nitroso-di-n-propylamine
Concen: 35.551 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

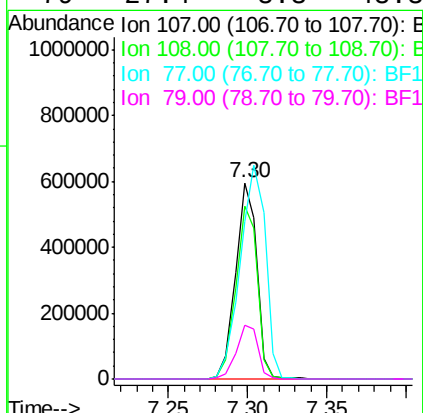
Instrument :
BNA_F
ClientSampleId :

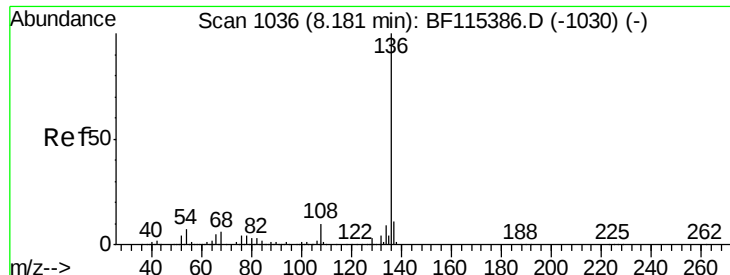
Tot Ion:	70	Resp:	395007
Ion	Ratio	Lower	Upper
70	100		
42	48.7	38.5	57.7
101	10.4	8.0	12.0
130	23.1	19.1	28.7



#20
3+4-Methylphenols
Concen: 37.459 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:	107	Resp:	552728
Ion	Ratio	Lower	Upper
107	100		
108	88.0	70.5	110.5
77	80.1	63.0	103.0
79	27.4	8.3	48.3

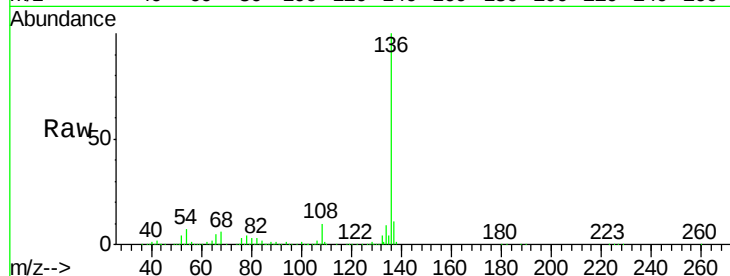




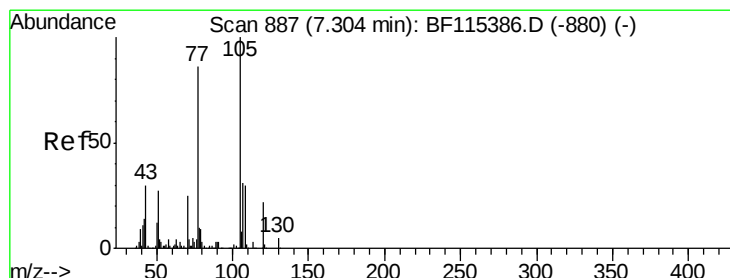
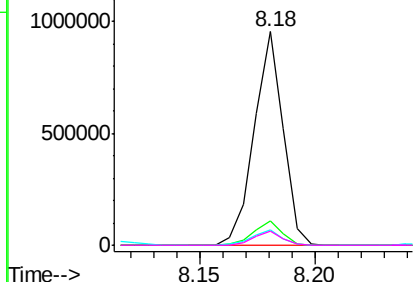
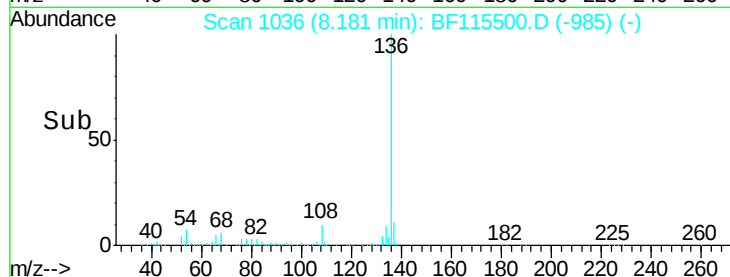
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	835113
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	7.0	5.4 8.0
68	6.4	4.8 7.2

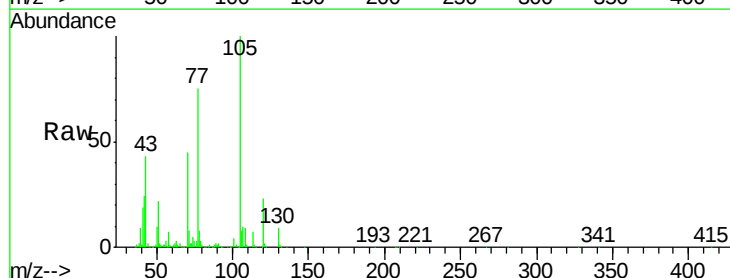


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

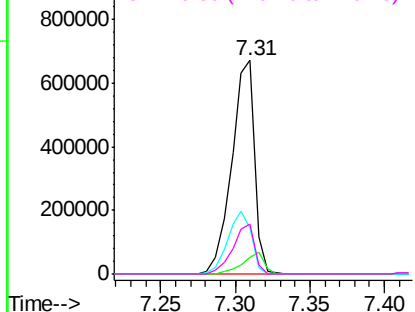
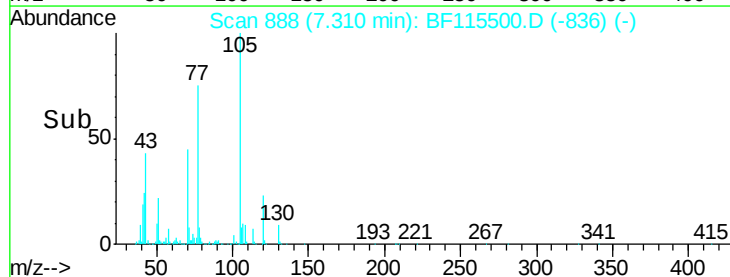


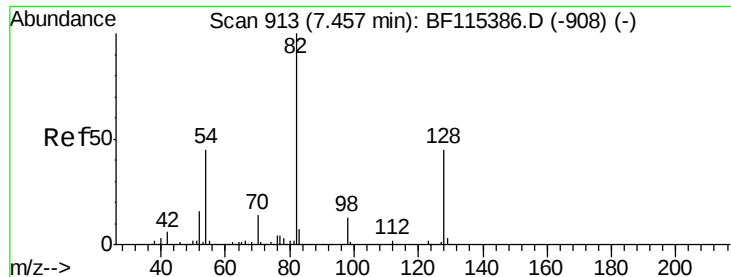
#22
Acetophenone
Concen: 36.159 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:105	Resp:	723568
Ion Ratio	Lower	Upper
105	100	
71	7.6	3.5 5.3#
51	21.6	22.6 33.8#
120	23.4	17.9 26.9



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
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

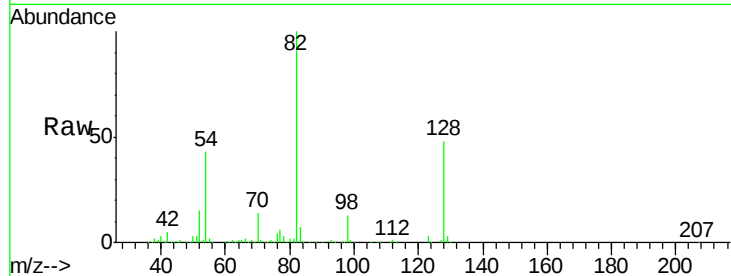




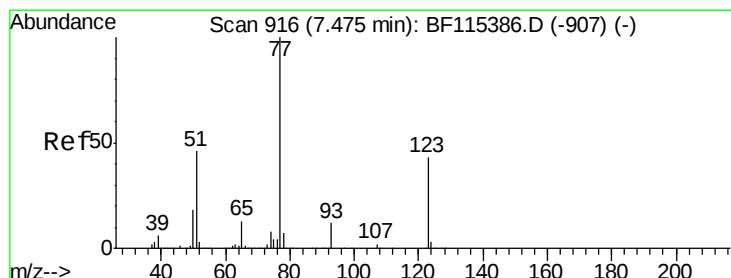
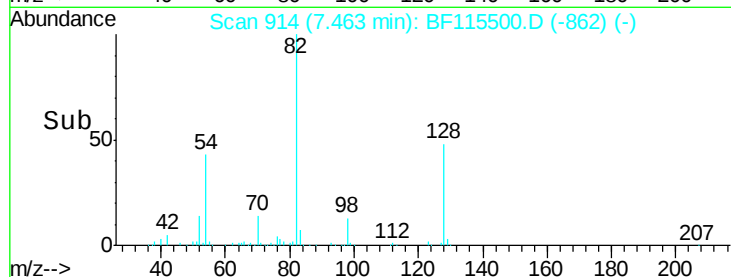
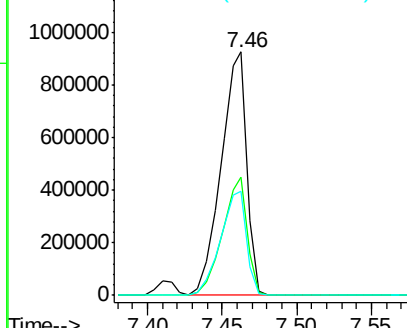
#23
Nitrobenzene-d5
Concen: 79.239 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1120008
Ion Ratio Lower Upper
82 100
128 48.4 36.7 55.1
54 42.8 35.6 53.4

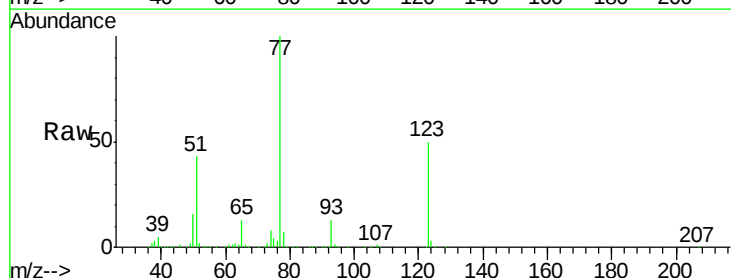


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

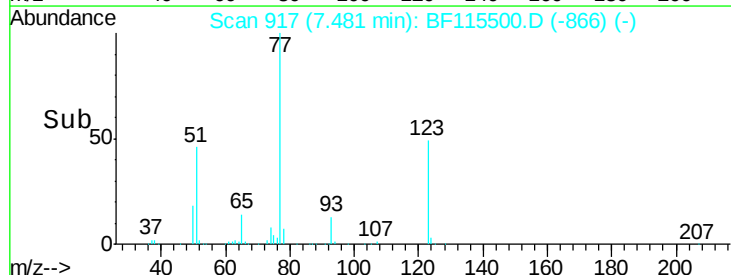
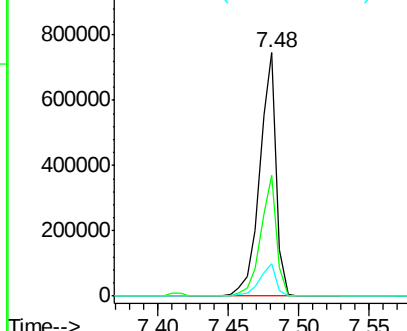


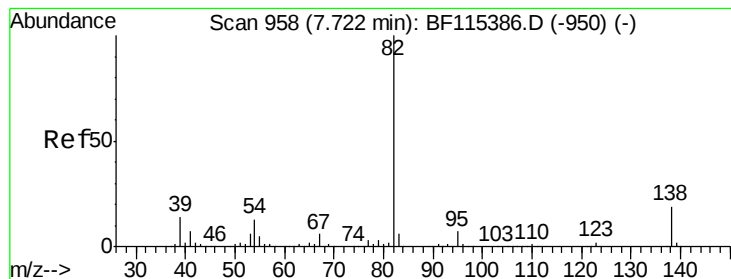
#24
Nitrobenzene
Concen: 38.551 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion: 77 Resp: 615383
Ion Ratio Lower Upper
77 100
123 49.5 40.4 60.6
65 13.2 10.4 15.6



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





#25

Isophorone

Concen: 36.595 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

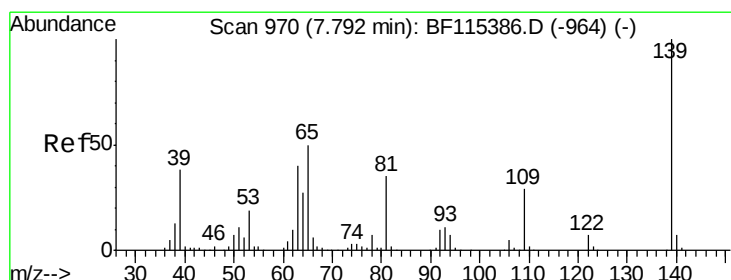
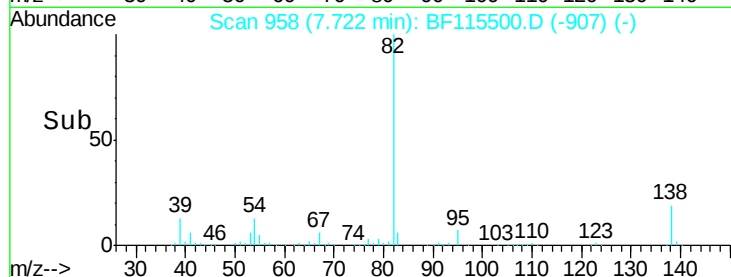
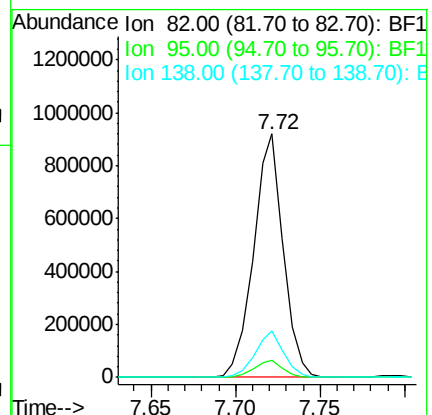
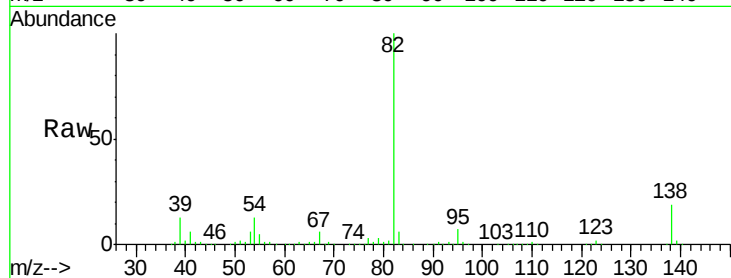
Tot Ion: 82 Resp: 1121161

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 19.1 15.1 22.7



#26

2-Nitrophenol

Concen: 48.436 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

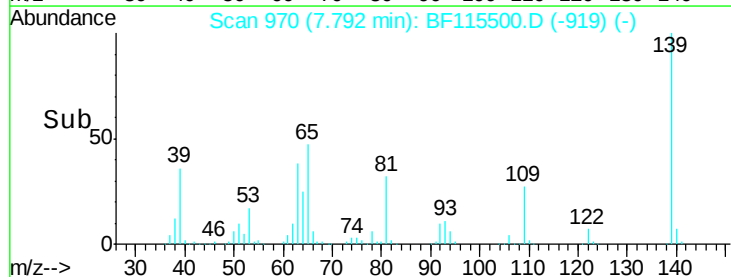
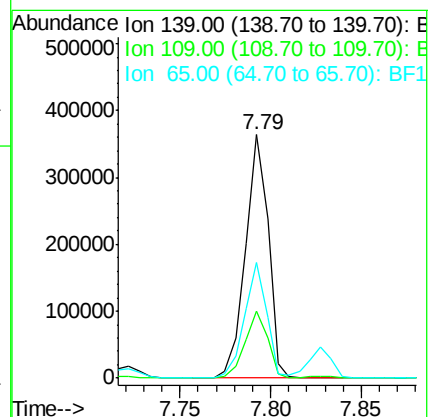
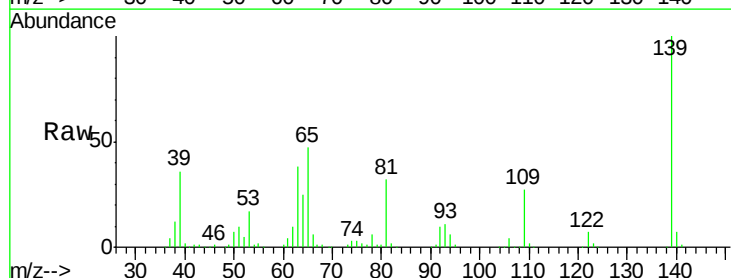
Tgt Ion: 139 Resp: 317873

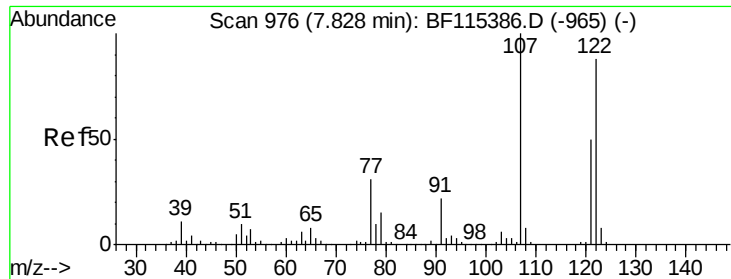
Ion Ratio Lower Upper

139 100

109 27.5 22.2 33.4

65 47.5 37.5 56.3

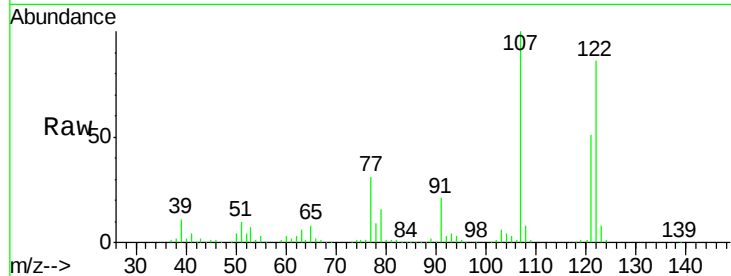




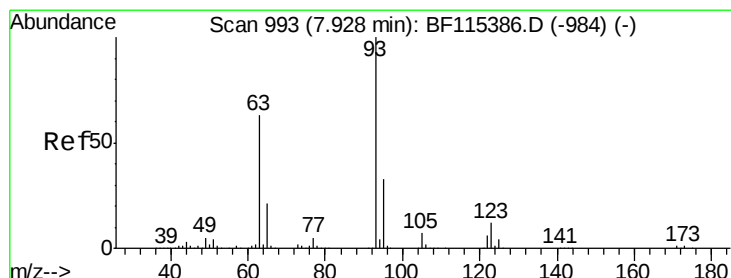
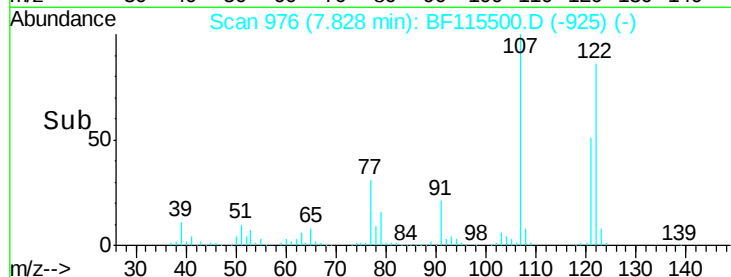
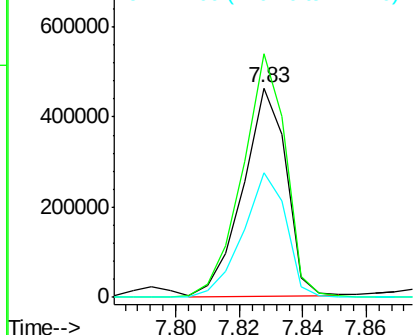
#27
2,4-Dimethylphenol
Concen: 34.936 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 437188
Ion Ratio Lower Upper
122 100
107 116.3 91.7 137.5
121 59.2 47.7 71.5

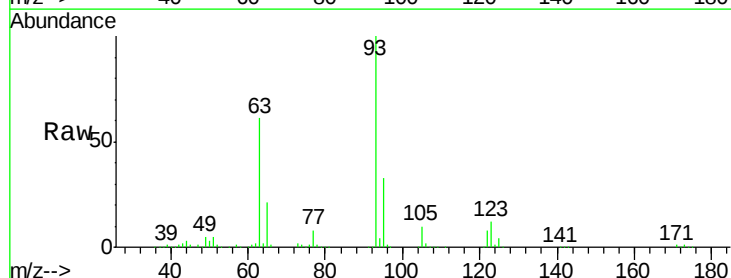


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

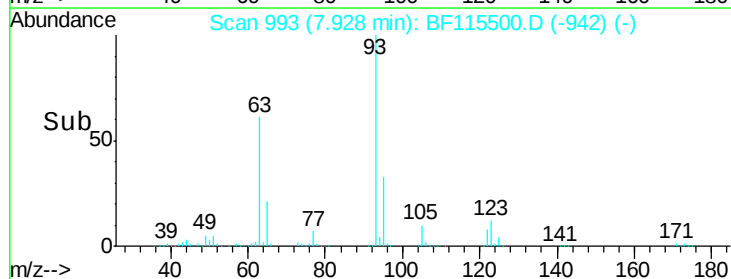
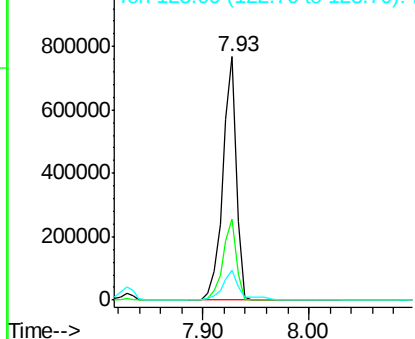


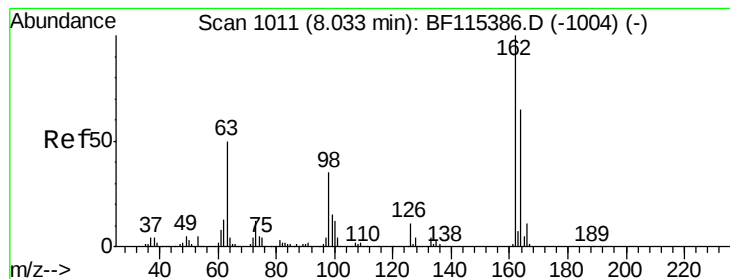
#28
bis(2-Chloroethoxy)methane
Concen: 36.609 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion: 93 Resp: 691624
Ion Ratio Lower Upper
93 100
95 33.4 26.6 39.8
123 12.2 10.4 15.6



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





#29

2,4-Dichlorophenol

Concen: 39.121 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

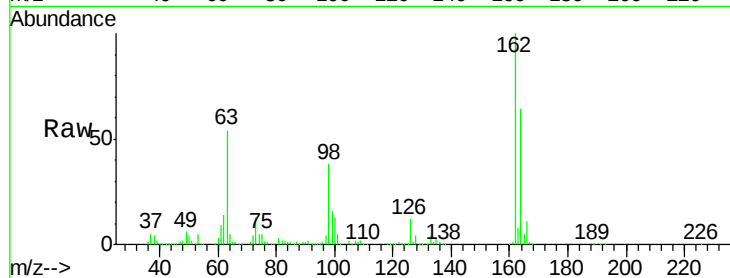
Tot Ion:162 Resp: 487604

Ion Ratio Lower Upper

162 100

164 64.1 45.2 85.2

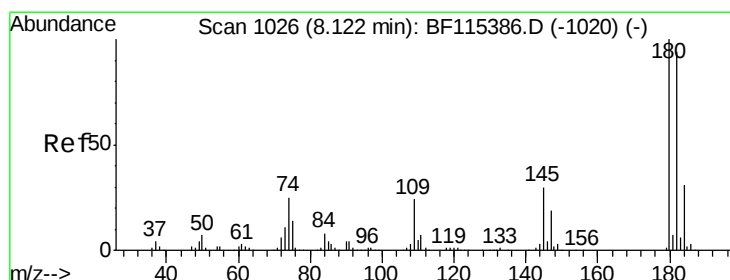
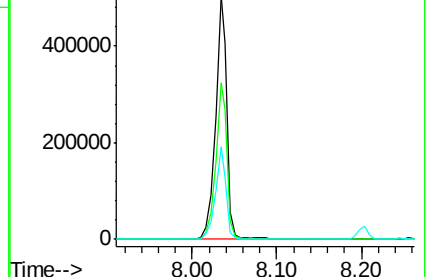
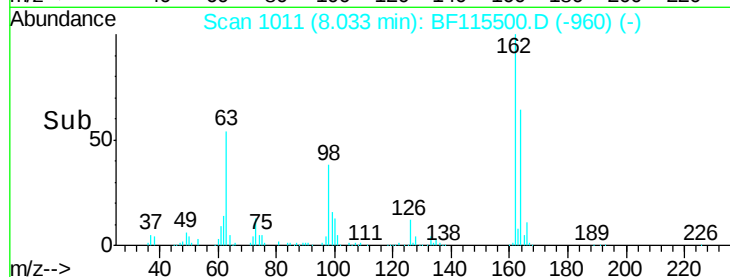
98 38.0 17.0 57.0



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: 39.158 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

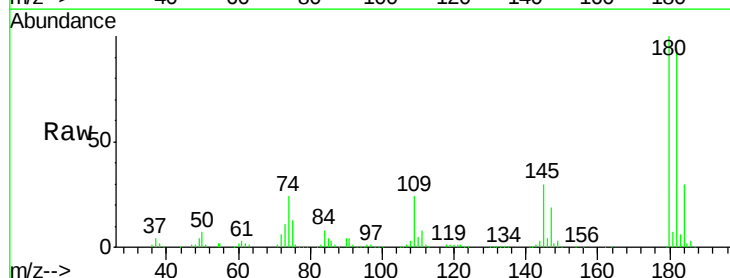
Tgt Ion:180 Resp: 543343

Ion Ratio Lower Upper

180 100

182 94.3 77.1 115.7

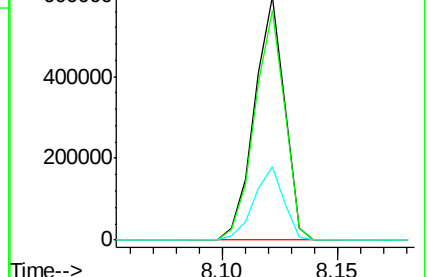
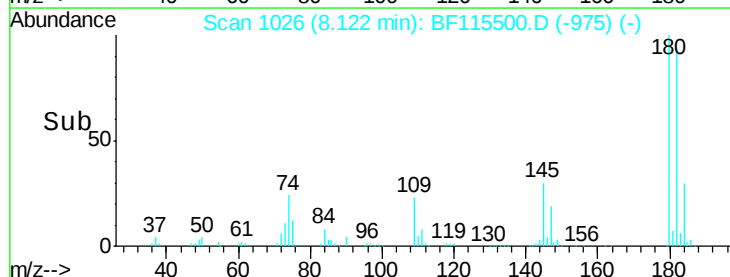
145 30.1 23.9 35.9

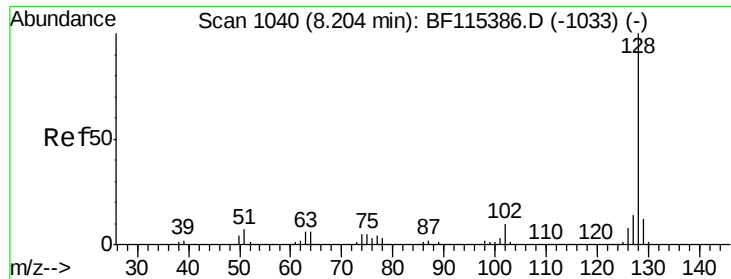


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

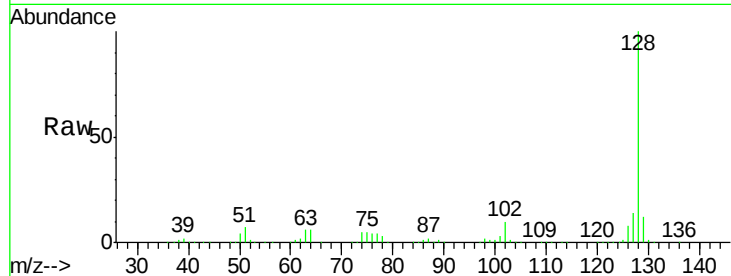




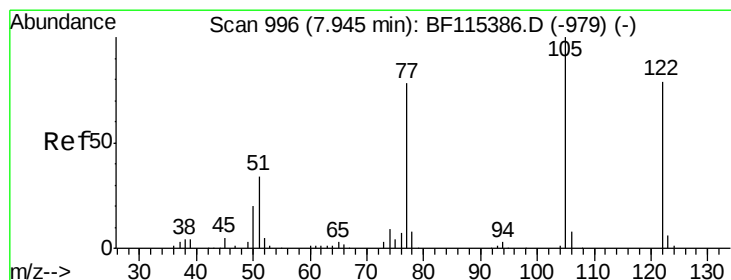
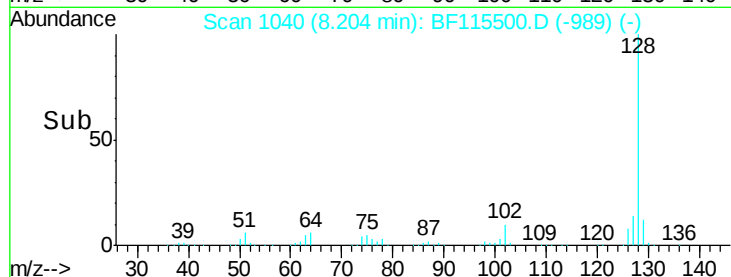
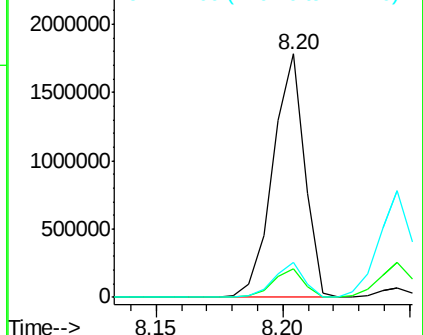
#31
Naphthalene
Concen: 37.729 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1565000
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 14.1 11.1 16.7

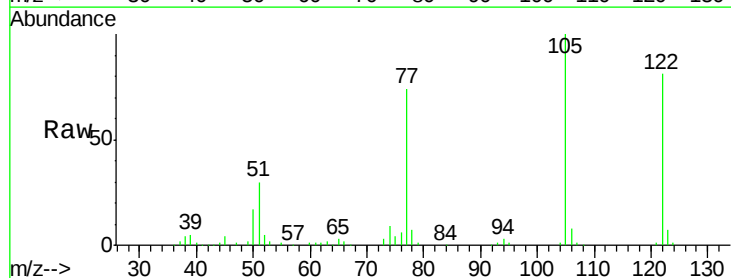


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

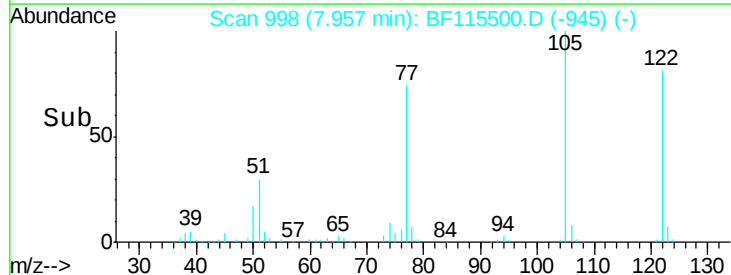
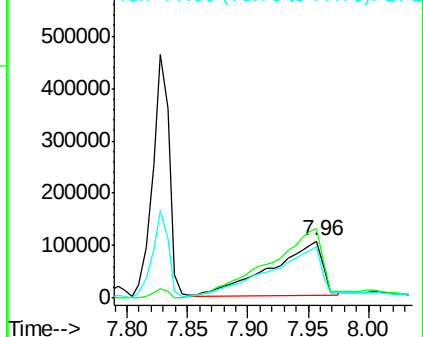


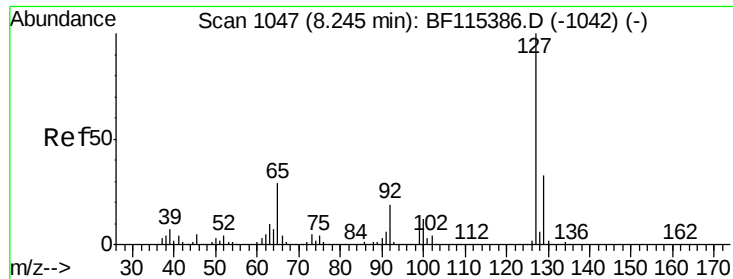
#32
Benzoic acid
Concen: 35.182 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:122 Resp: 303908
Ion Ratio Lower Upper
122 100
105 123.3 101.6 141.6
77 91.0 69.1 109.1



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

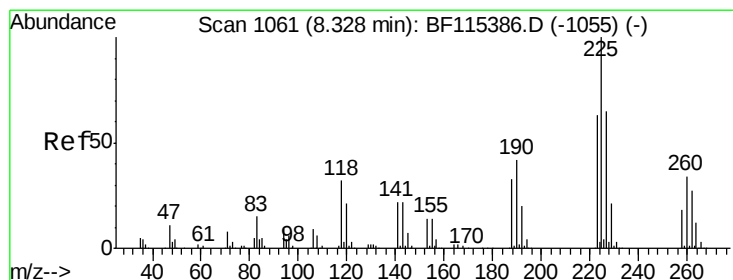
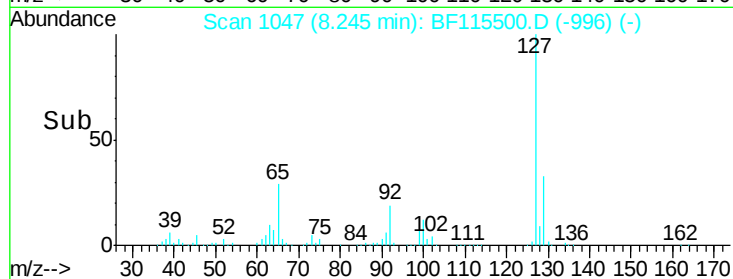
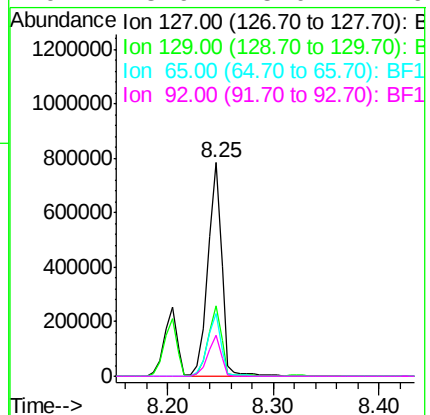
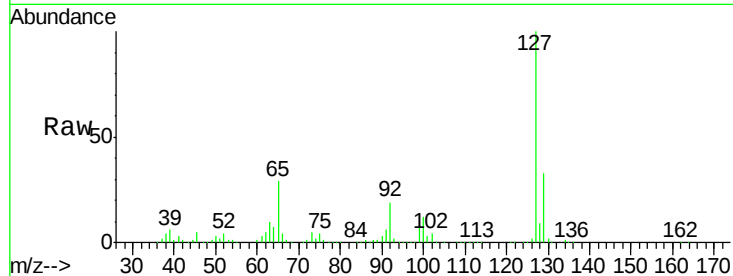




#33
4-Chloroaniline
Concen: 38.456 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

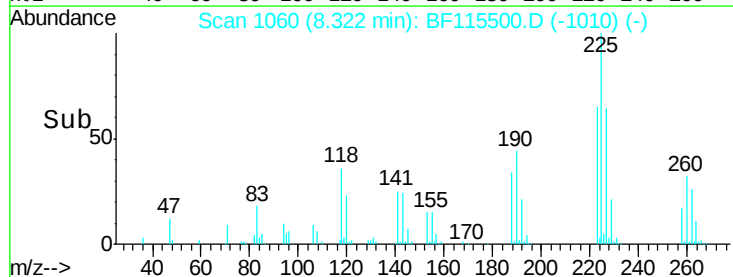
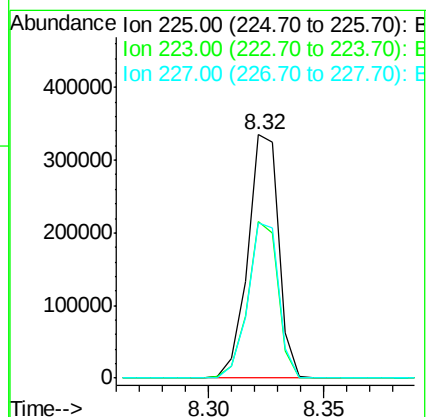
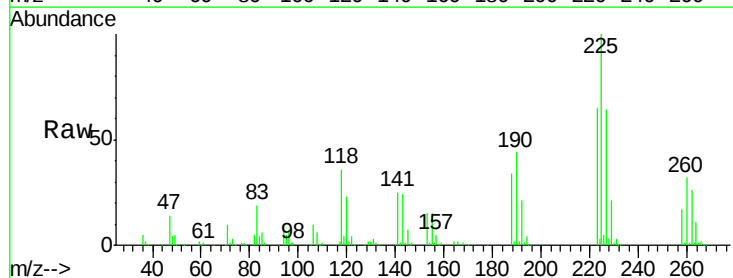
Instrument :
BNA_F
ClientSampleId :

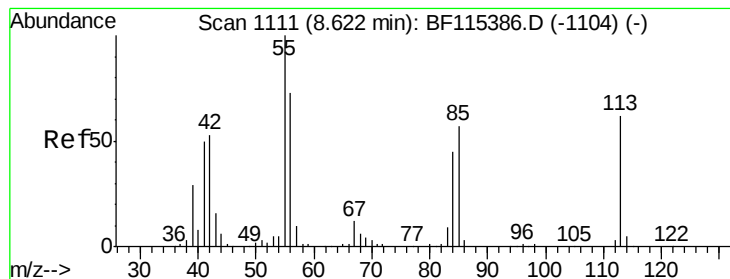
Tot Ion:	127	Resp:	711726
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	29.1	23.2	34.8
92	18.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.778 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:	225	Resp:	313014
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.6	76.0
227	64.0	51.4	77.2





#35

Caprolactam

Concen: 39.494 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

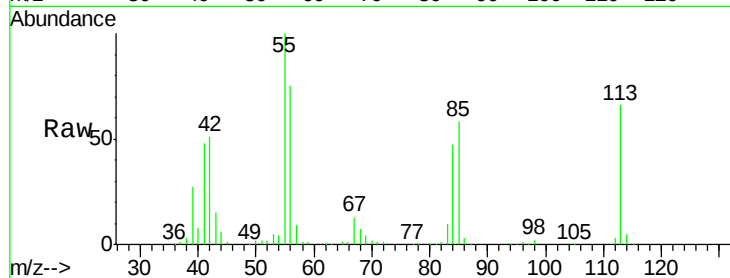
Tot Ion:113 Resp: 160325

Ion Ratio Lower Upper

113 100

55 151.8 138.1 178.1

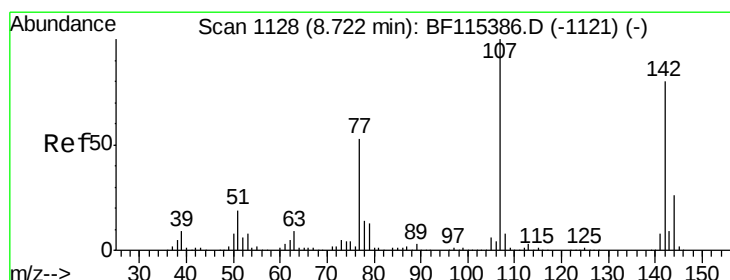
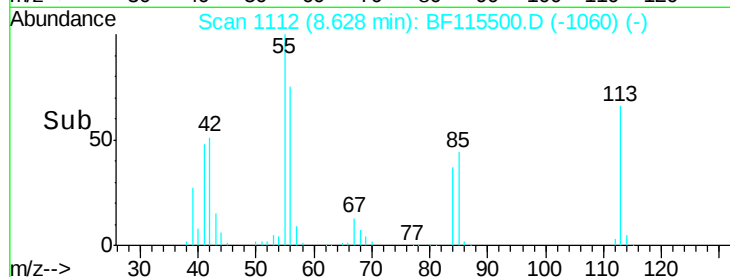
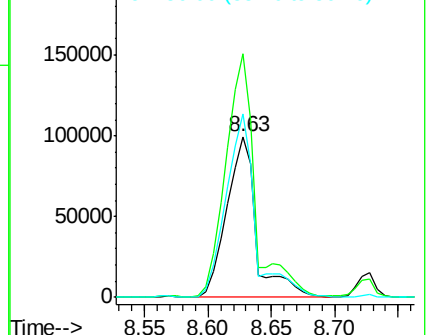
56 114.2 95.7 135.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.680 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

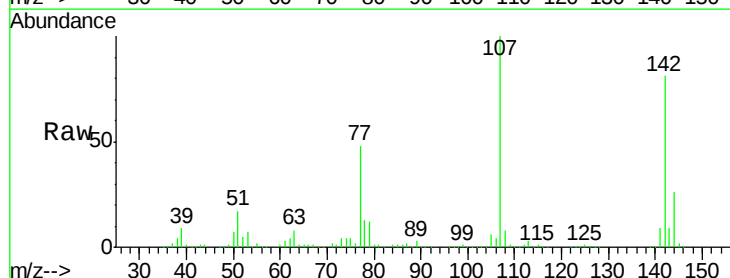
Tgt Ion:107 Resp: 509953

Ion Ratio Lower Upper

107 100

144 26.5 21.5 32.3

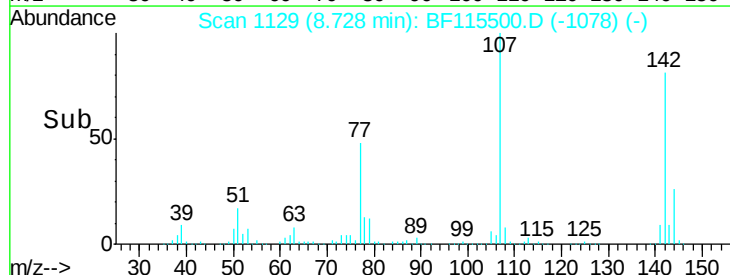
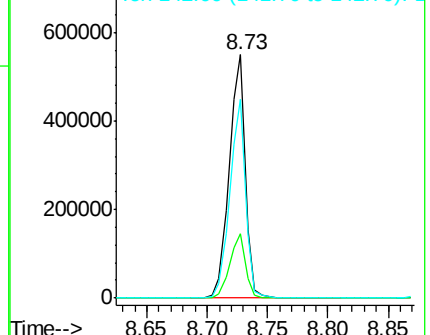
142 81.4 66.2 99.2

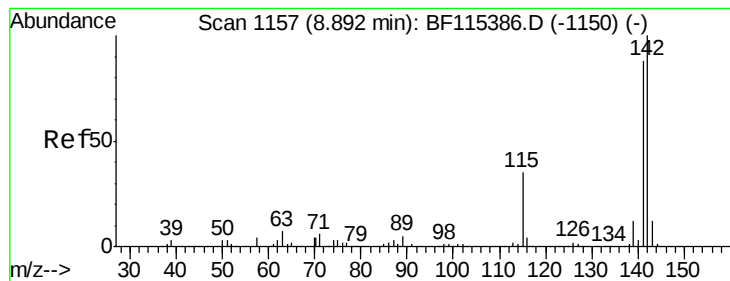


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.772 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

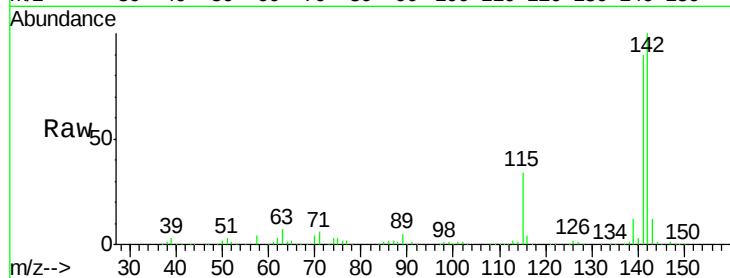
Tot Ion:142 Resp: 1047258

Ion Ratio Lower Upper

142 100

141 90.0 72.1 108.1

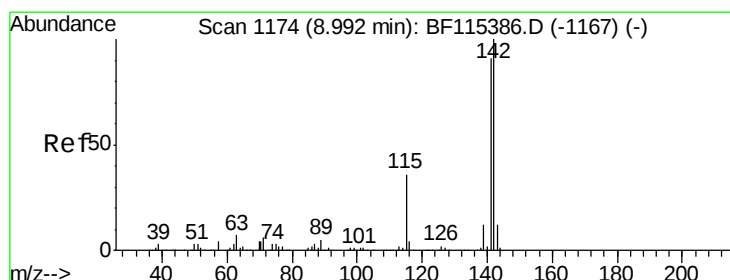
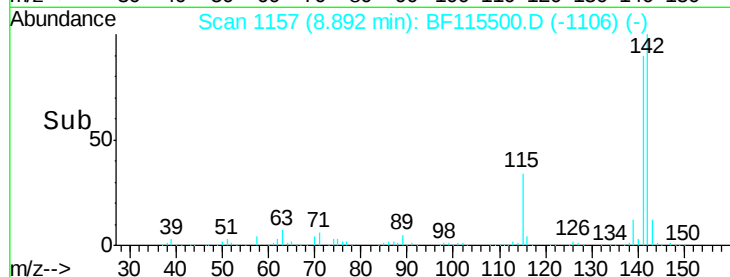
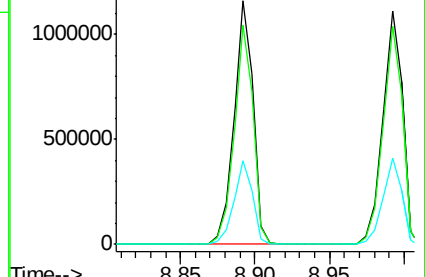
115 34.3 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 37.706 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

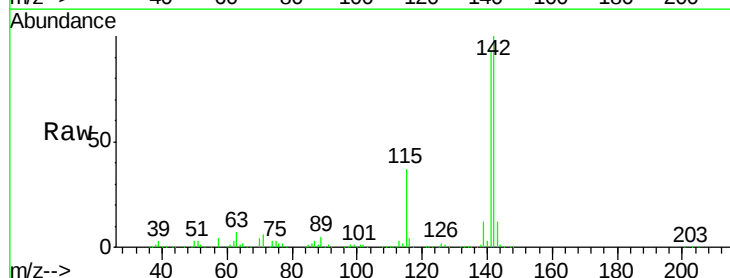
Tgt Ion:142 Resp: 997454

Ion Ratio Lower Upper

142 100

141 93.3 74.3 111.5

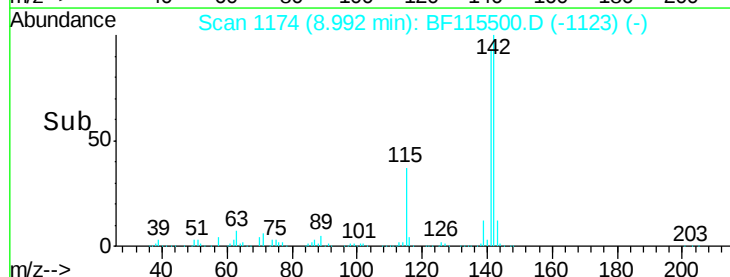
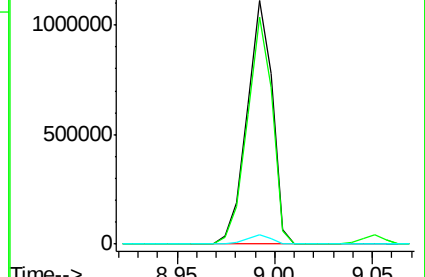
116 3.9 3.1 4.7

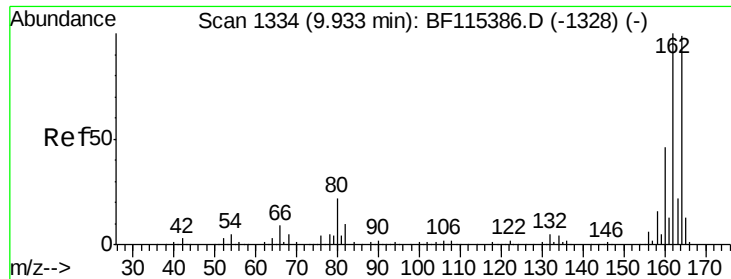


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

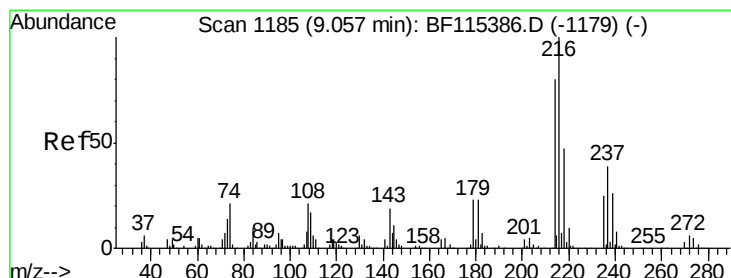
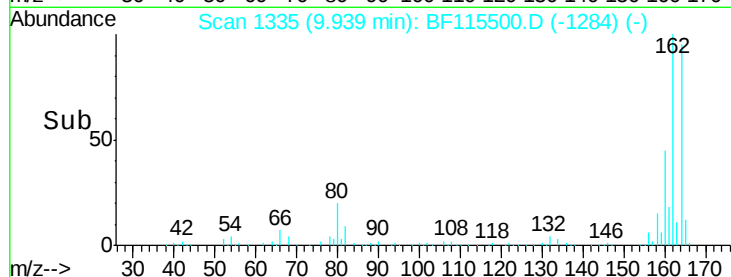
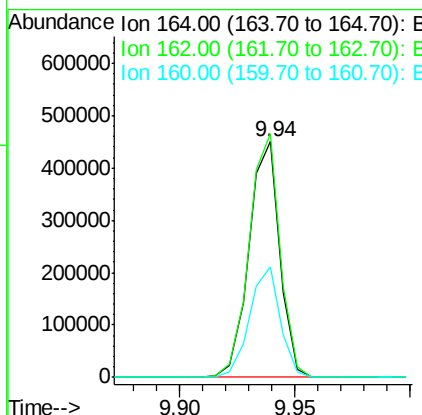
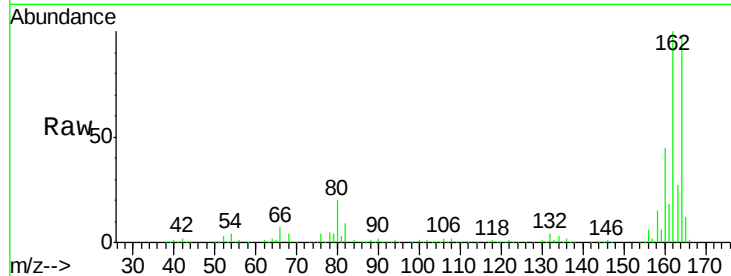




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

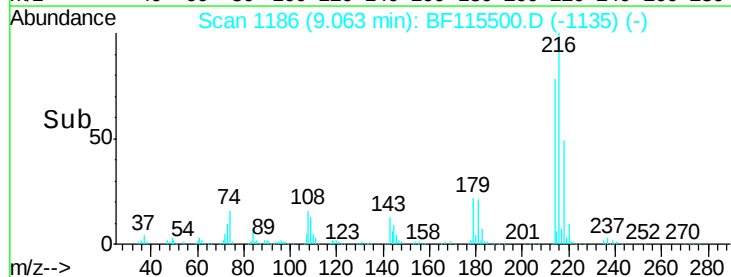
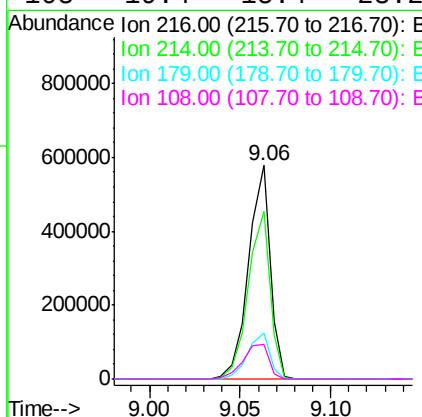
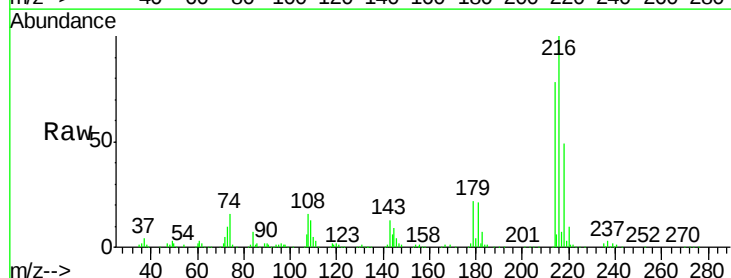
Instrument :
BNA_F
ClientSampleId :

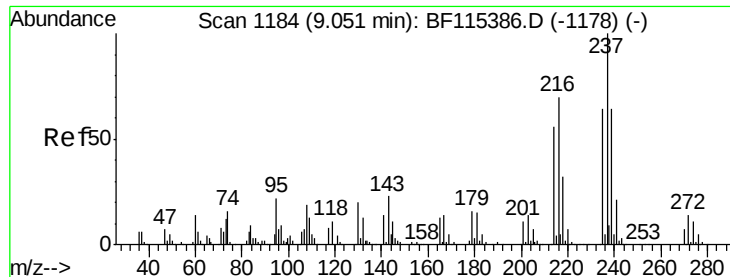
Tot Ion:164 Resp: 419358
Ion Ratio Lower Upper
164 100
162 103.3 82.3 123.5
160 46.7 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.735 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:216 Resp: 479379
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.6
179 22.1 17.4 26.0
108 19.4 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 37.193 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

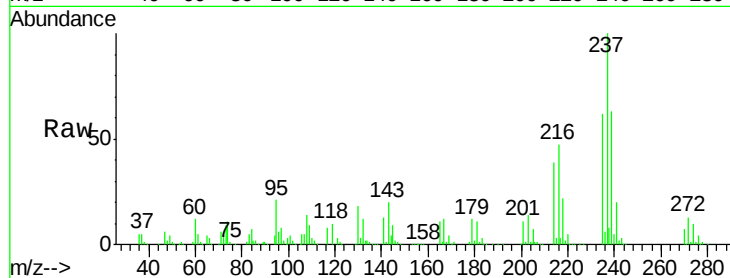
Tot Ion:237 Resp: 260071

Ion Ratio Lower Upper

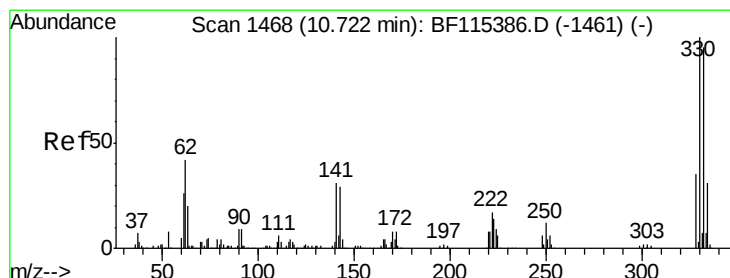
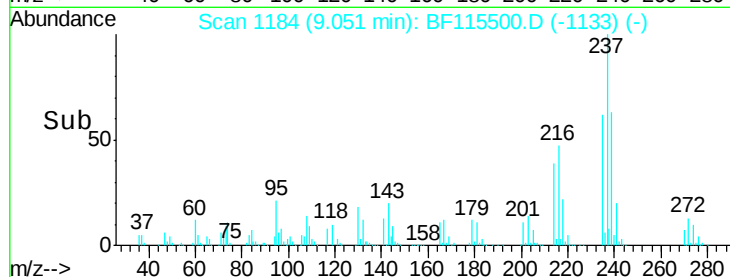
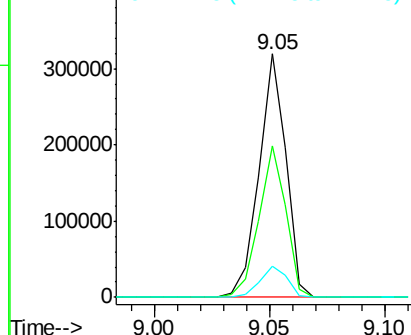
237 100

235 62.3 43.4 83.4

272 13.0 0.0 33.6



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



#42

2,4,6-Tribromophenol

Concen: 82.985 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

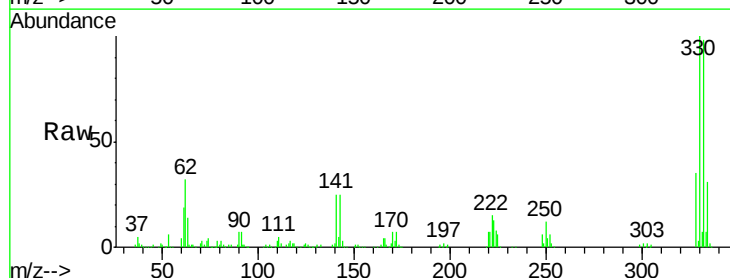
Tgt Ion:330 Resp: 384779

Ion Ratio Lower Upper

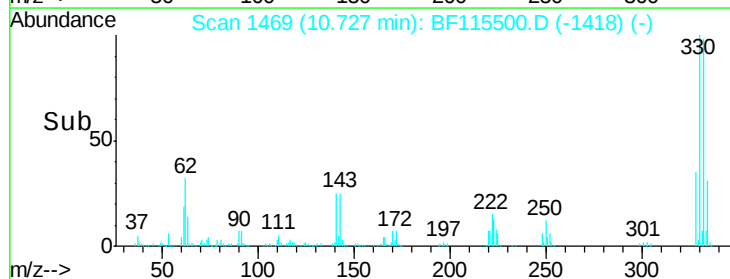
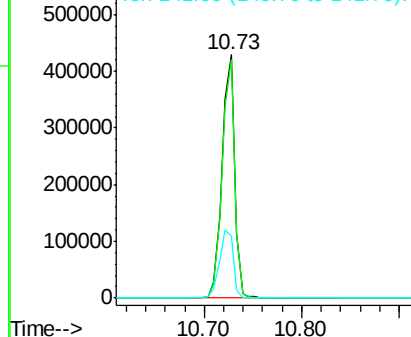
330 100

332 97.4 77.4 116.0

141 30.5 24.7 37.1



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

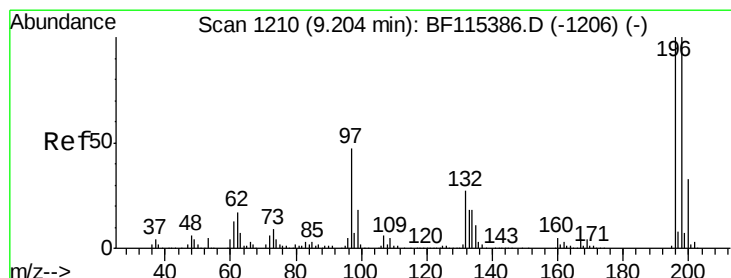
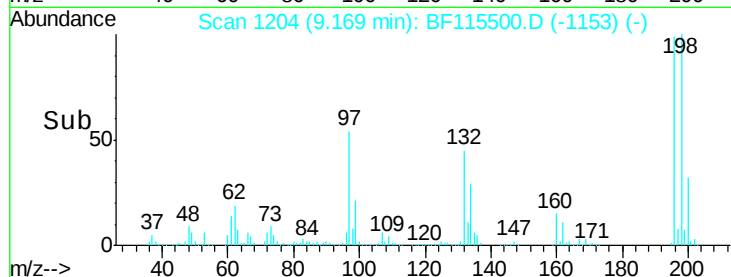
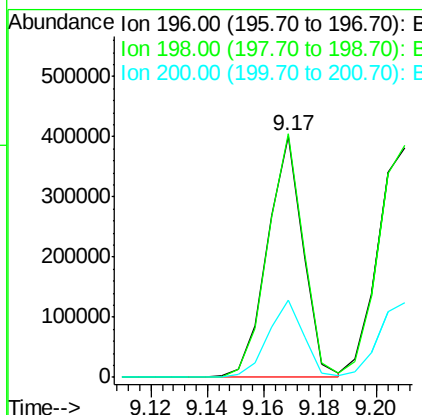
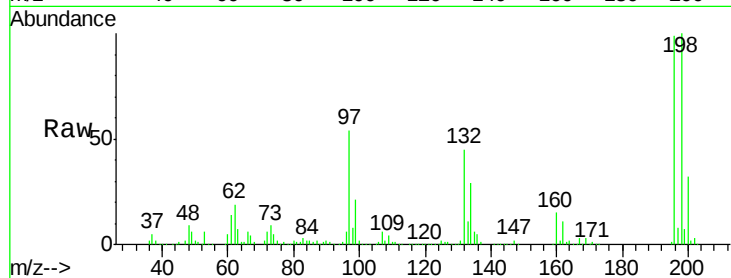




#43
 2,4,6-Trichlorophenol
 Concen: 40.128 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

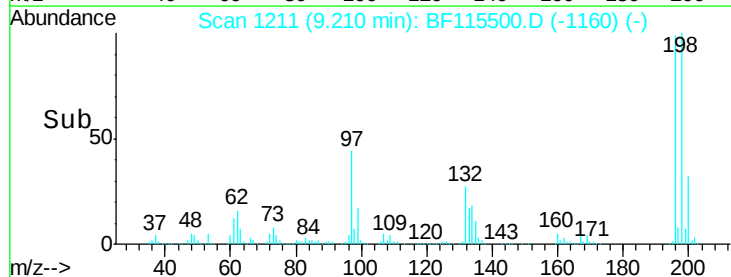
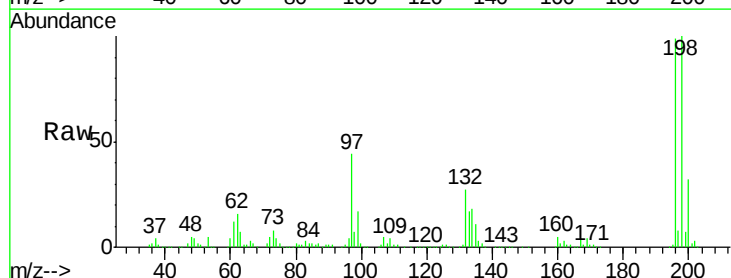
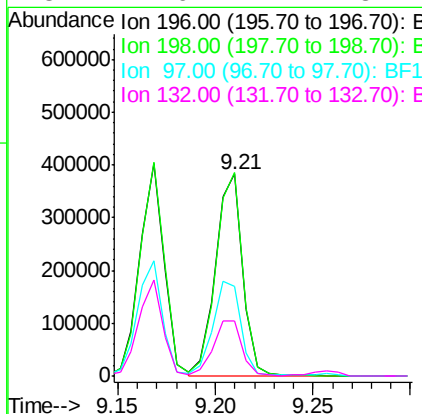
Instrument :
 BNA_F
 ClientSampleId :

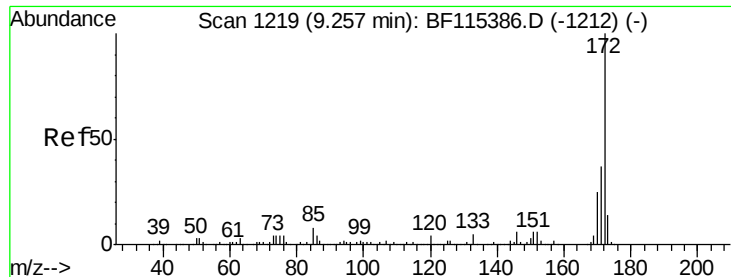
Tot Ion:196 Resp: 352449
 Ion Ratio Lower Upper
 196 100
 198 100.7 78.2 117.4
 200 31.9 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.392 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

Tgt Ion:196 Resp: 367866
 Ion Ratio Lower Upper
 196 100
 198 100.9 80.6 120.8
 97 44.4 34.0 51.0
 132 27.6 21.4 32.2

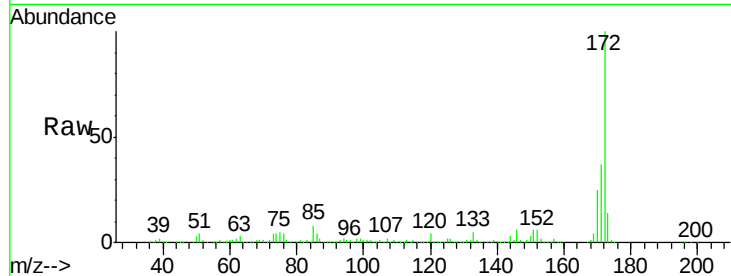




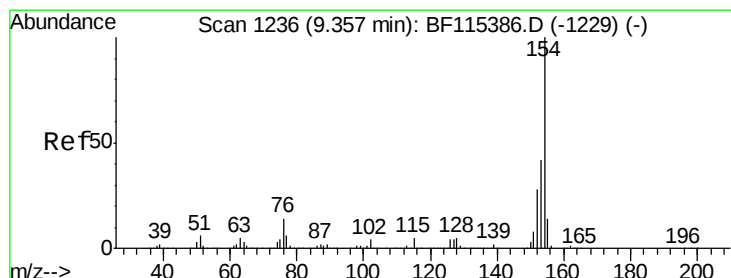
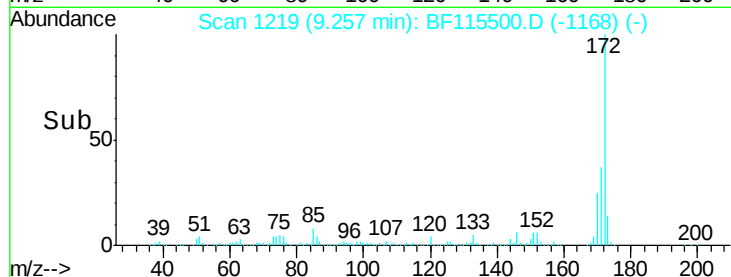
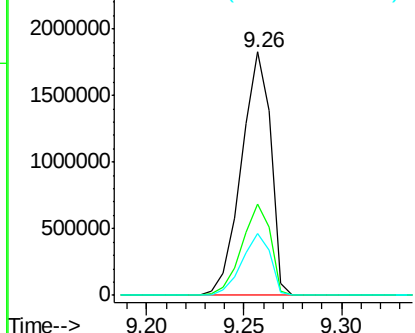
#45
2-Fluorobiphenyl
Concen: 79.353 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1896405
Ion Ratio Lower Upper
172 100
171 37.4 29.8 44.8
170 25.3 20.0 30.0

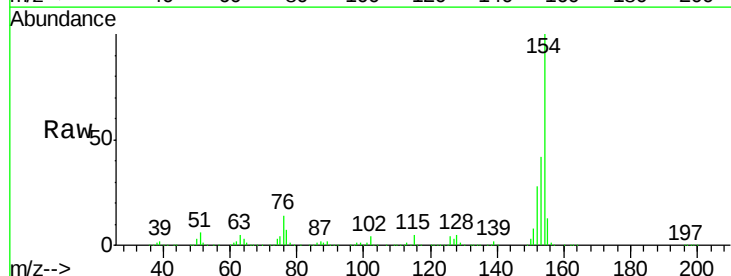


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

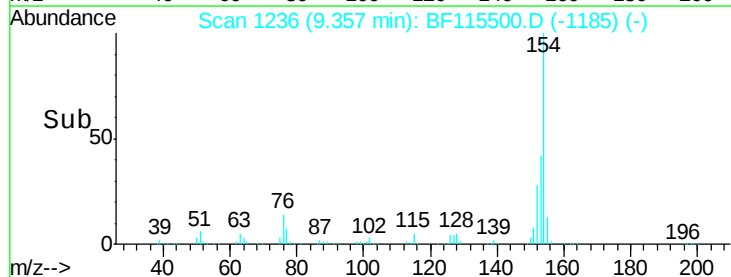
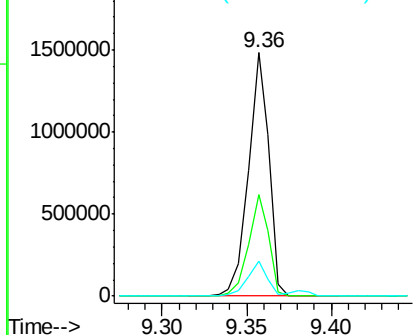


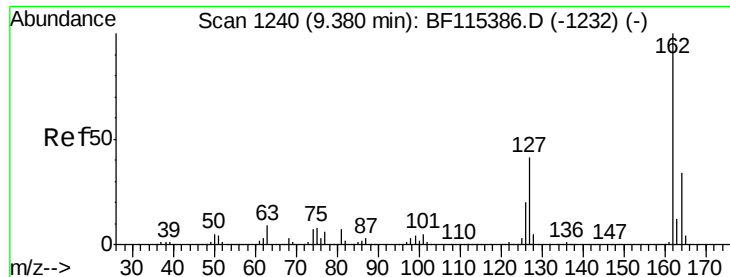
#46
1,1'-Biphenyl
Concen: 38.129 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:154 Resp: 1257022
Ion Ratio Lower Upper
154 100
153 42.0 21.5 61.5
76 14.2 0.0 34.6



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

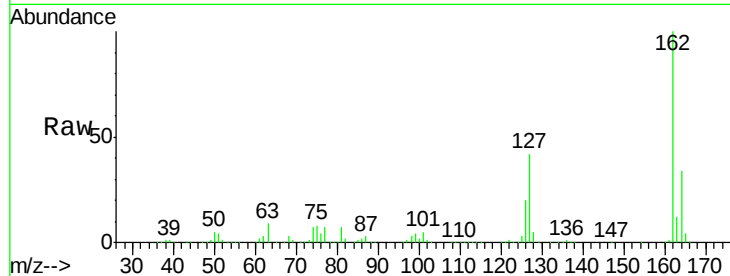




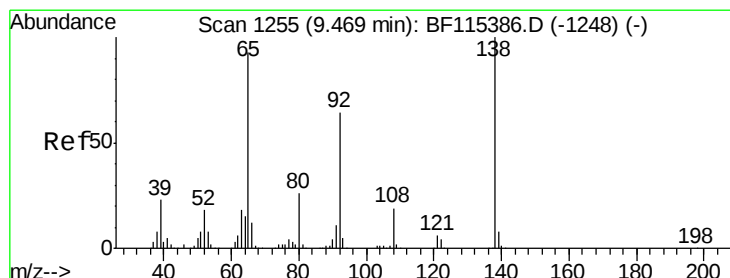
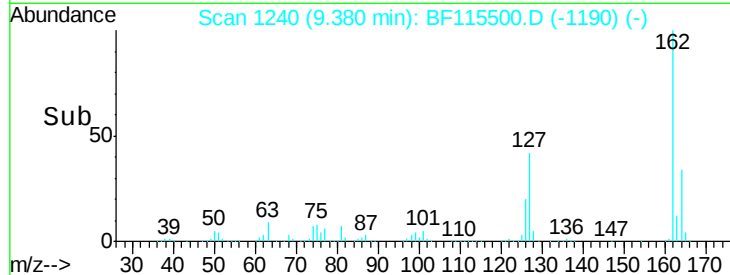
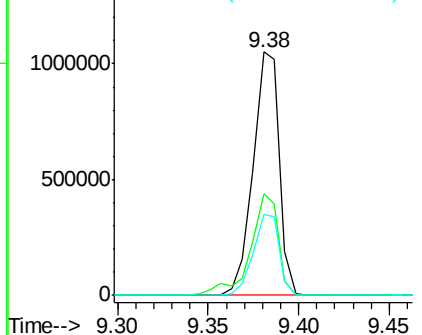
#47
 2-Chloronaphthalene
 Concen: 38.709 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1054719
 Ion Ratio Lower Upper
 162 100
 127 41.5 31.4 47.0
 164 33.6 27.2 40.8

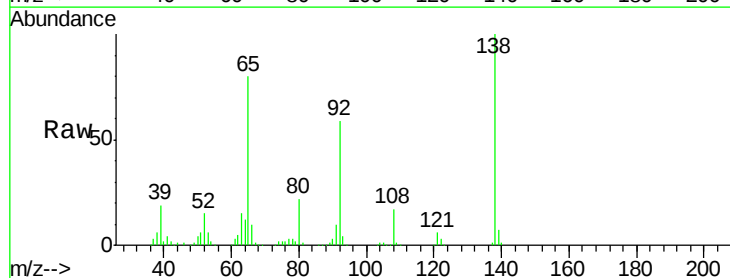


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

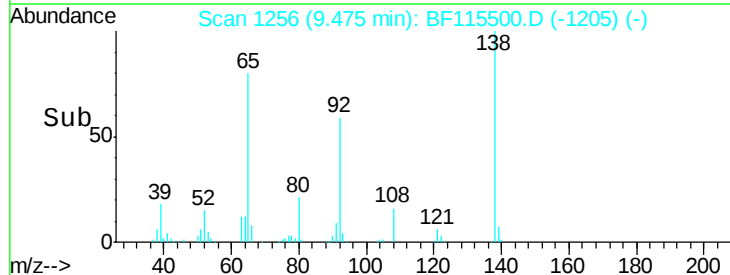
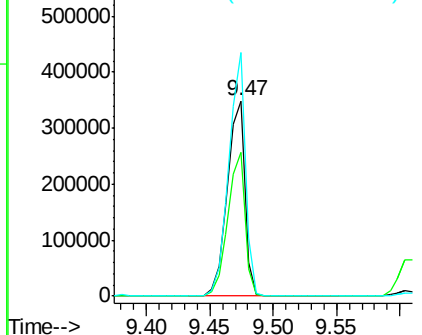


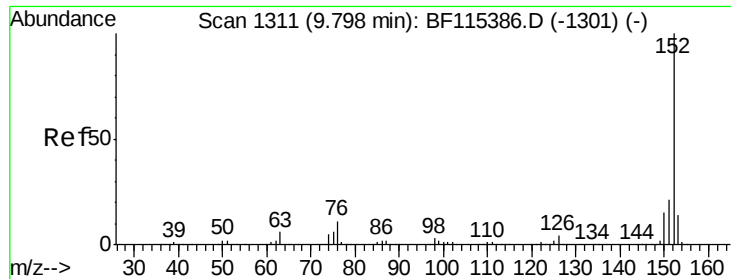
#48
 2-Nitroaniline
 Concen: 41.933 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

Tgt Ion: 65 Resp: 335687
 Ion Ratio Lower Upper
 65 100
 92 74.0 59.0 88.4
 138 124.8 98.3 147.5



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: 38.462 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

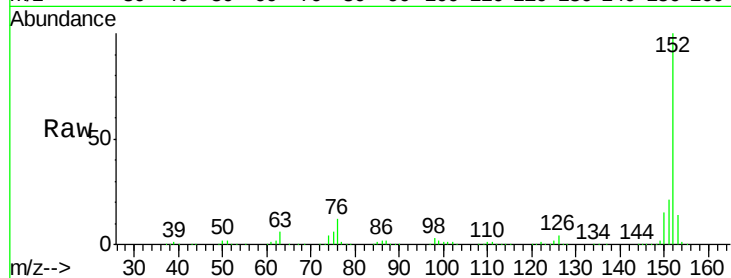
Tot Ion:152 Resp: 1586713

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

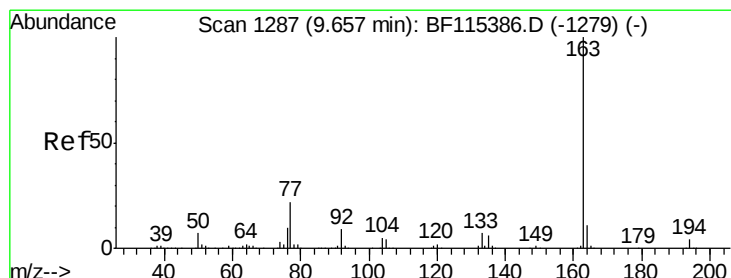
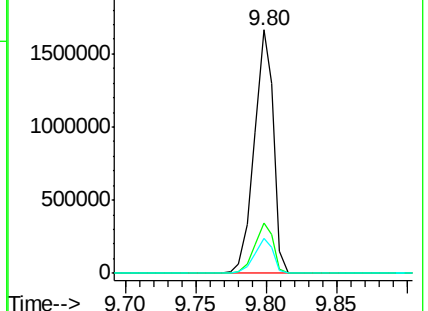
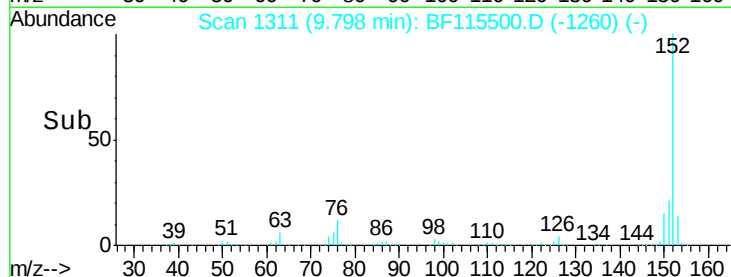
153 14.3 11.8 17.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.882 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

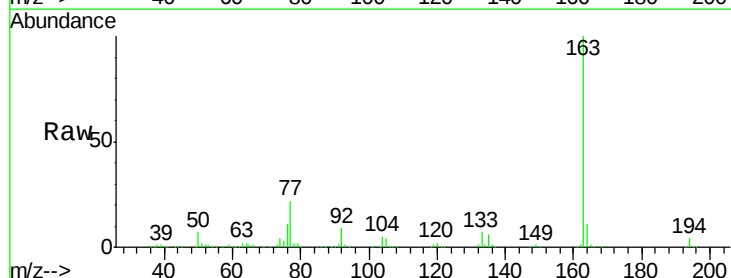
Tgt Ion:163 Resp: 1223844

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

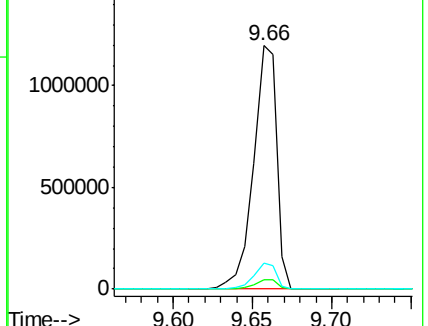
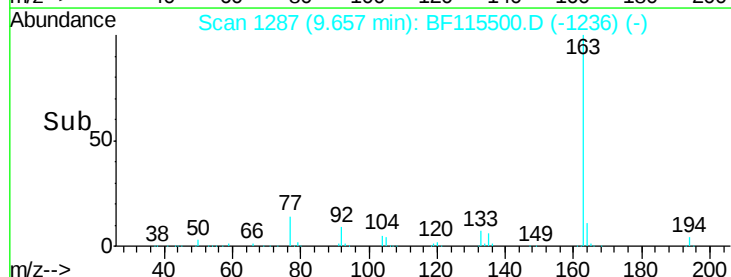
164 10.7 8.6 13.0

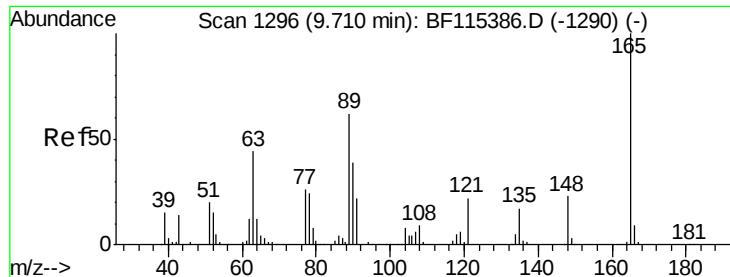


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

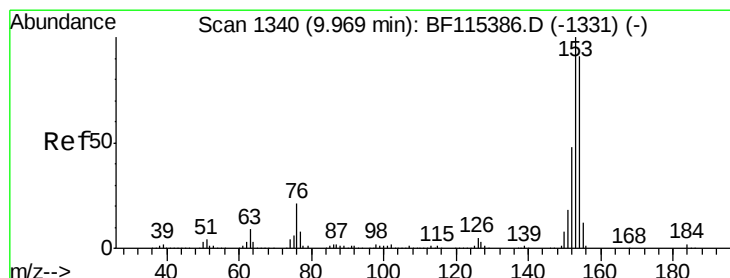
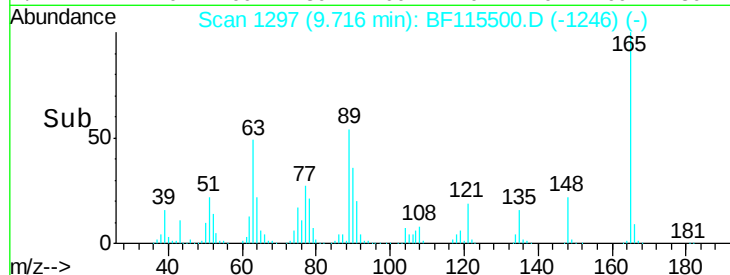
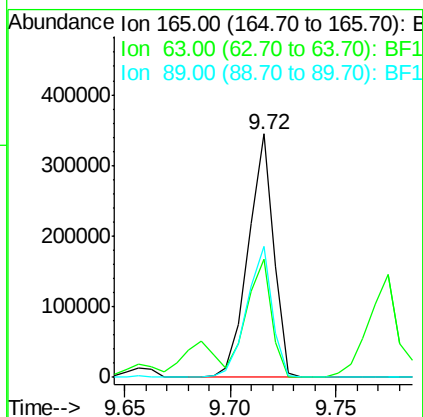
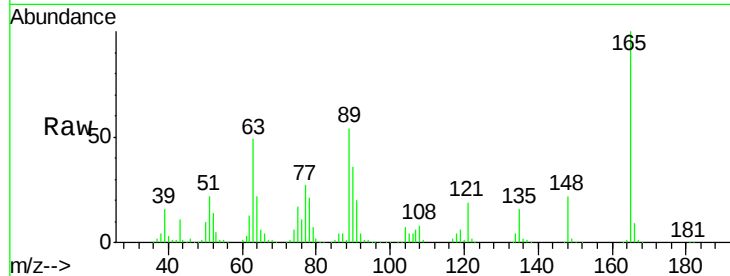




#51
 2,6-Dinitrotoluene
 Concen: 42.269 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

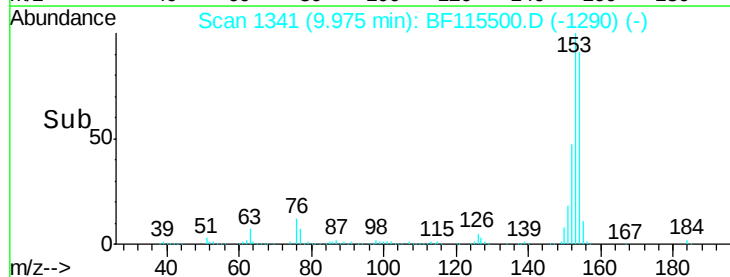
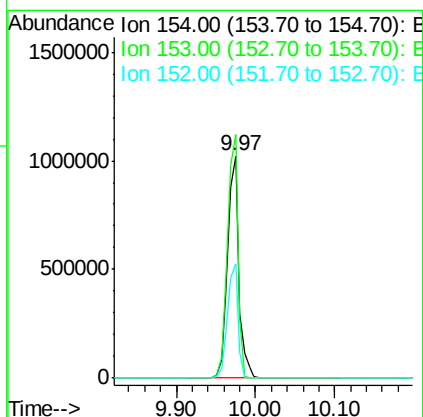
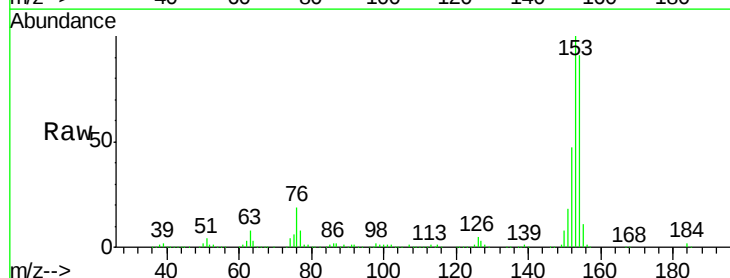
Instrument :
 BNA_F
 ClientSampled :

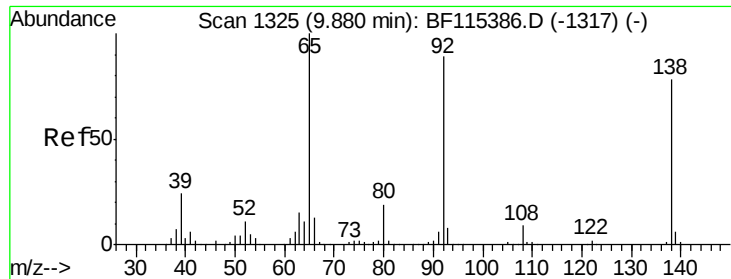
Tot Ion:165 Resp: 288541
 Ion Ratio Lower Upper
 165 100
 63 48.7 39.7 59.5
 89 53.8 42.8 64.2



#52
 Acenaphthene
 Concen: 39.091 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

Tgt Ion:154 Resp: 1014913
 Ion Ratio Lower Upper
 154 100
 153 109.7 89.8 134.8
 152 51.4 41.4 62.0

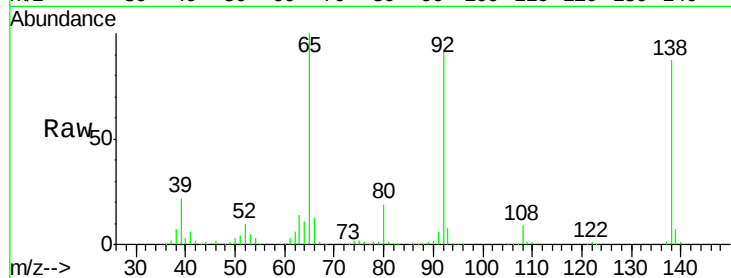




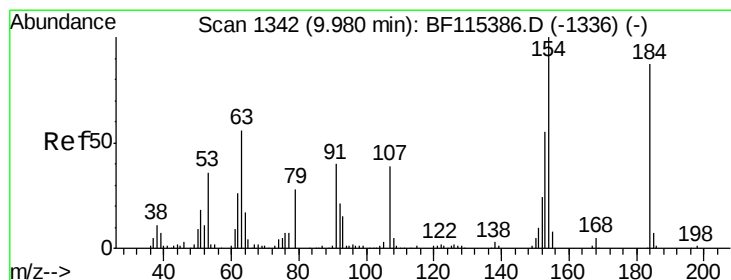
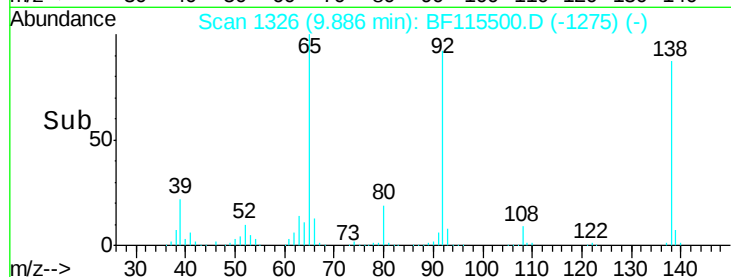
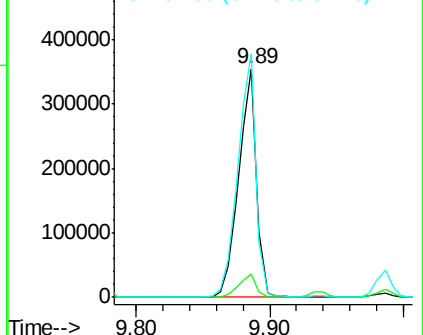
#53
3-Nitroaniline
Concen: 41.878 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 332027
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 106.6 86.1 129.1

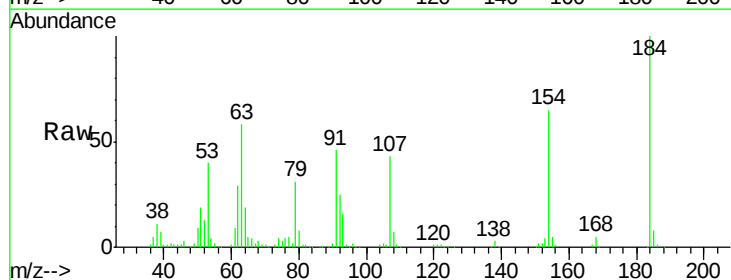


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

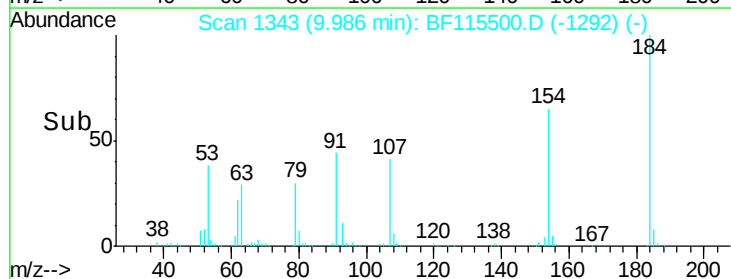
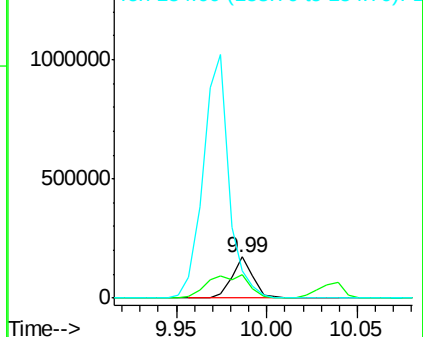


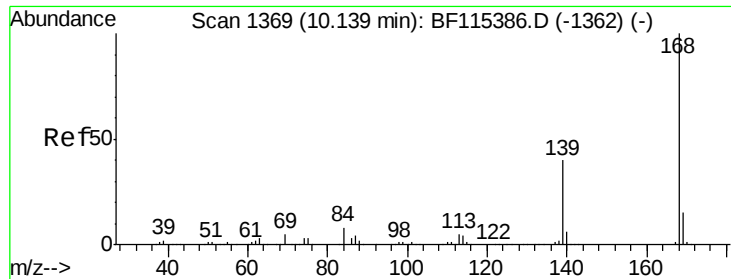
#54
2,4-Dinitrophenol
Concen: 52.138 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:184 Resp: 142273
Ion Ratio Lower Upper
184 100
63 58.4 45.8 68.6
154 64.8 52.8 79.2



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

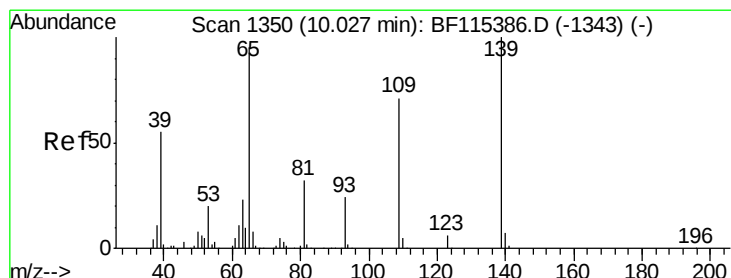
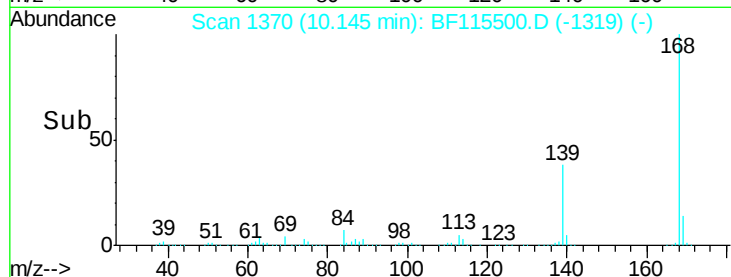
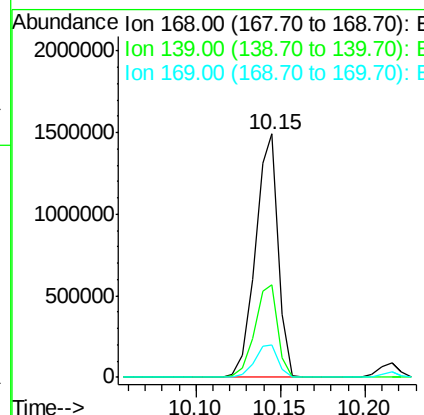
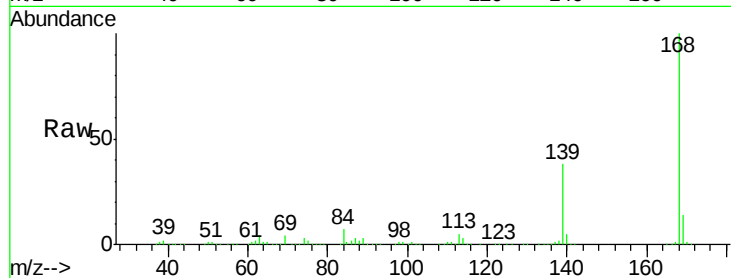




#55
Dibenzenofuran
Concen: 38.303 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

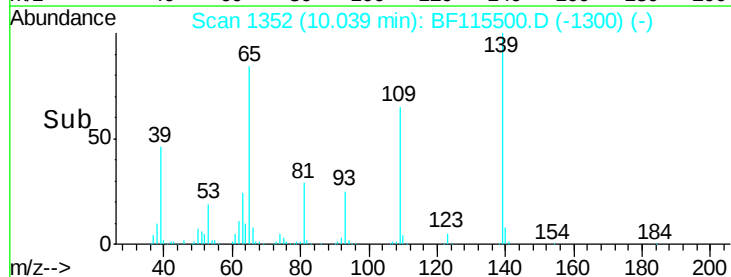
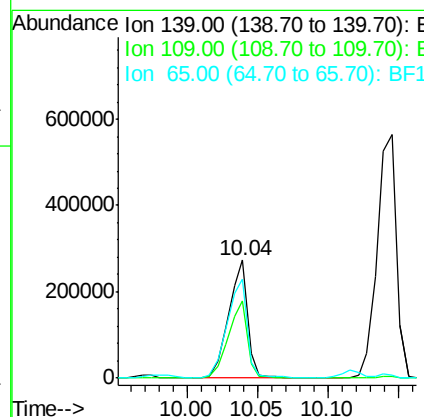
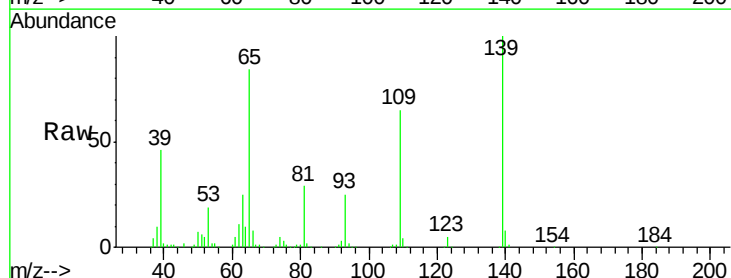
Instrument :
BNA_F
ClientSampleId :

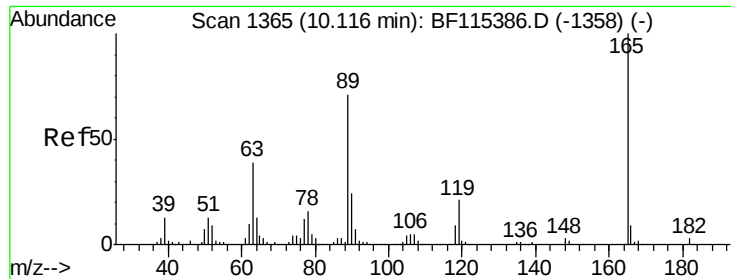
Tot Ion:168 Resp: 1400855
Ion Ratio Lower Upper
168 100
139 37.8 30.6 46.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 42.250 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:139 Resp: 259169
Ion Ratio Lower Upper
139 100
109 65.2 46.4 86.4
65 83.9 73.4 113.4

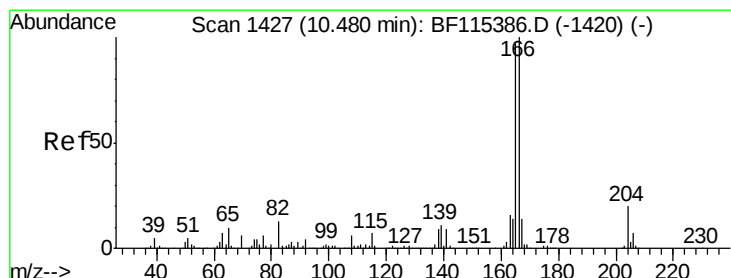
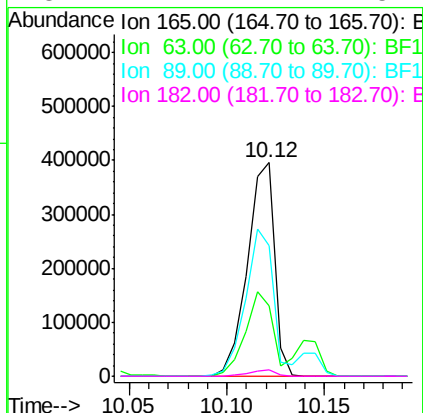
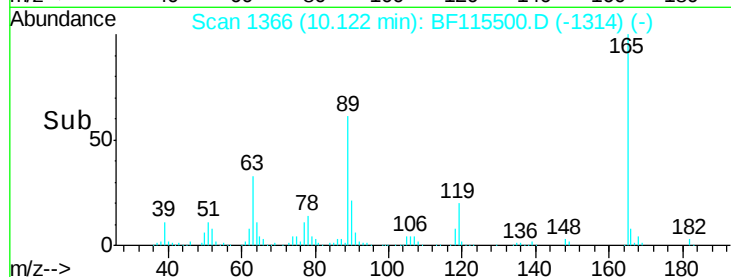
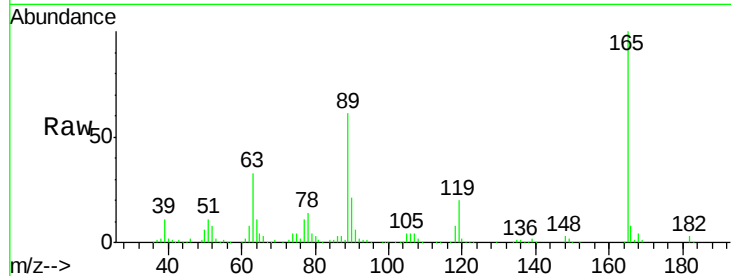




#57
2,4-Dinitrotoluene
Concen: 43.933 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

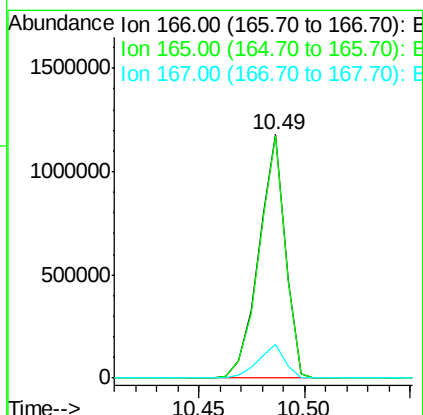
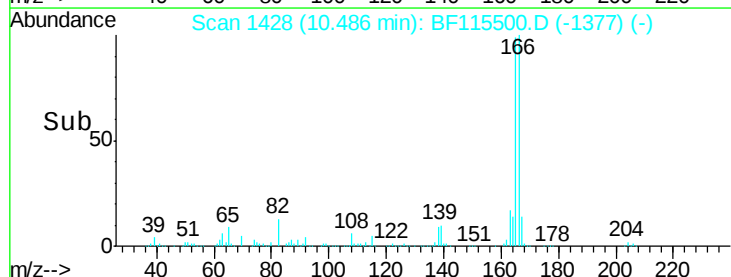
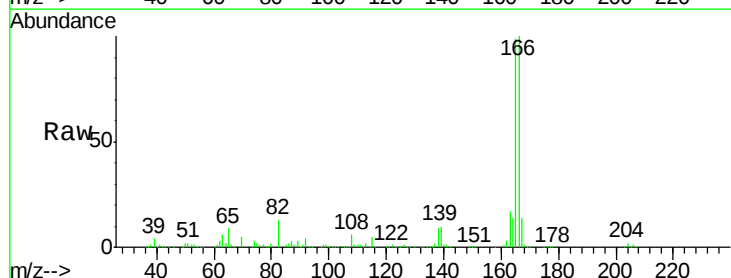
Instrument :
BNA_F
ClientSampleId :

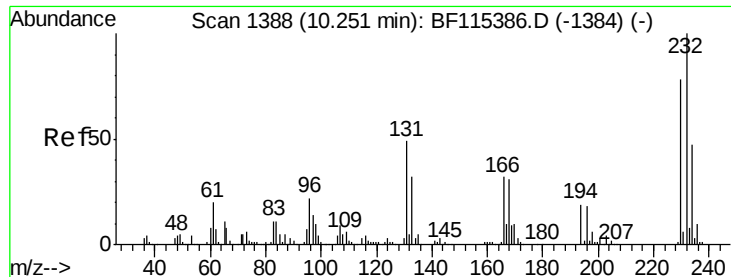
Tot Ion:165 Resp: 381141
Ion Ratio Lower Upper
165 100
63 32.7 33.0 49.4#
89 61.3 58.5 87.7
182 2.7 2.1 3.1



#58
Fluorene
Concen: 35.615 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:166 Resp: 1026813
Ion Ratio Lower Upper
166 100
165 99.4 78.7 118.1
167 13.7 10.8 16.2

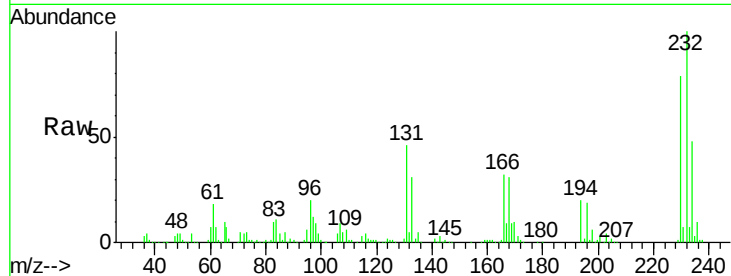




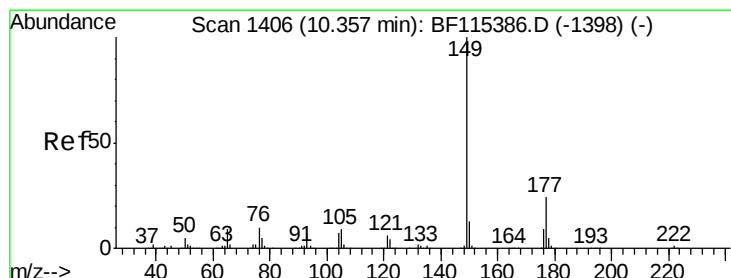
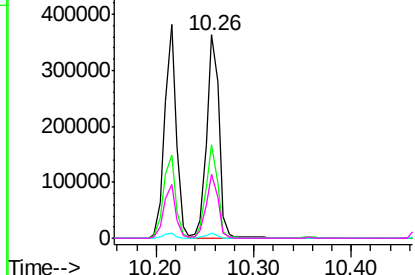
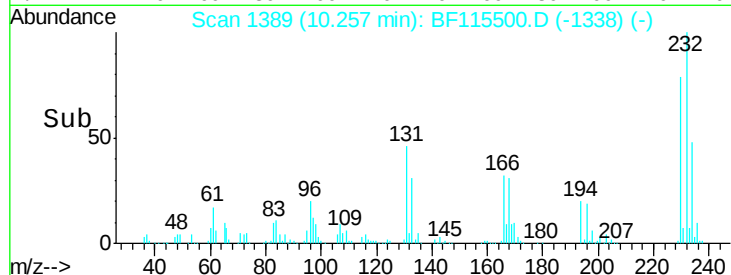
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.743 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 320551
Ion Ratio Lower Upper
232 100
131 43.7 35.4 53.0
130 2.2 1.7 2.5
166 30.4 24.8 37.2

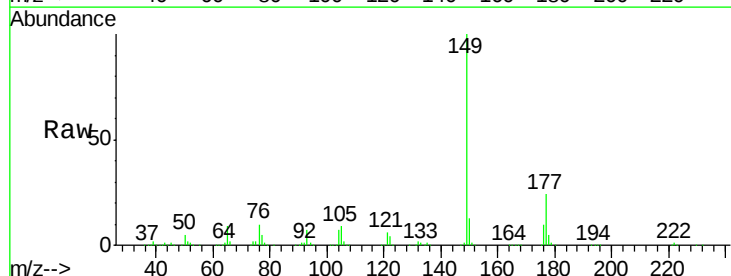


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

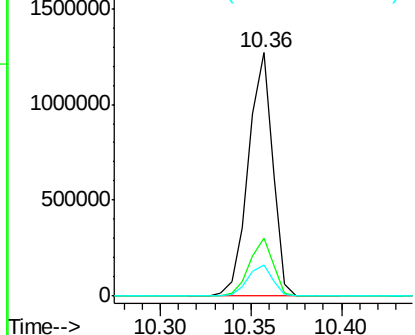
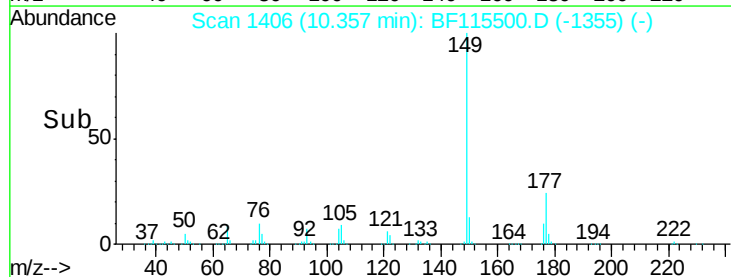


#60
Diethylphthalate
Concen: 38.223 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:149 Resp: 1184191
Ion Ratio Lower Upper
149 100
177 23.8 19.0 28.4
150 12.8 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

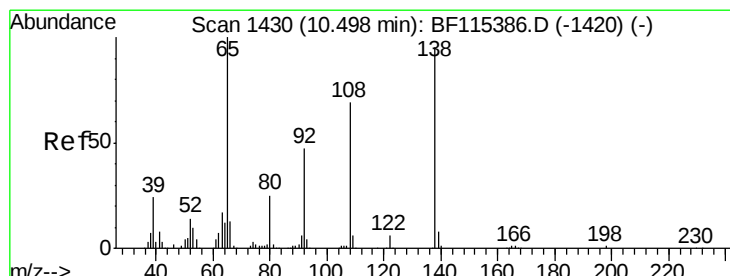
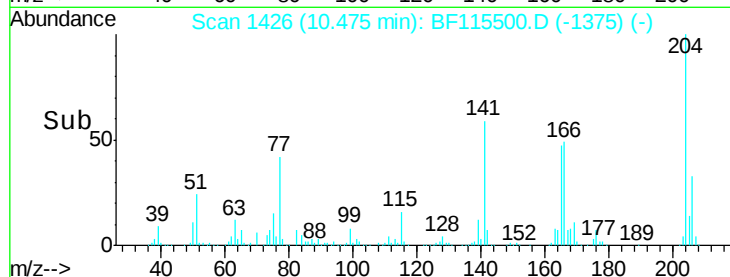
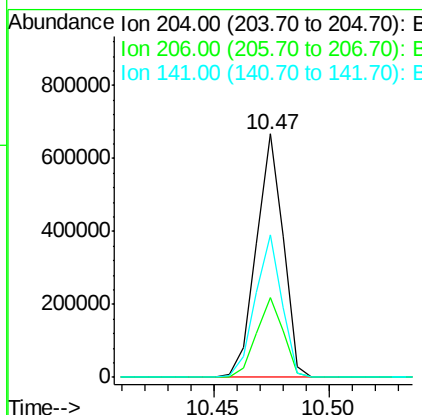
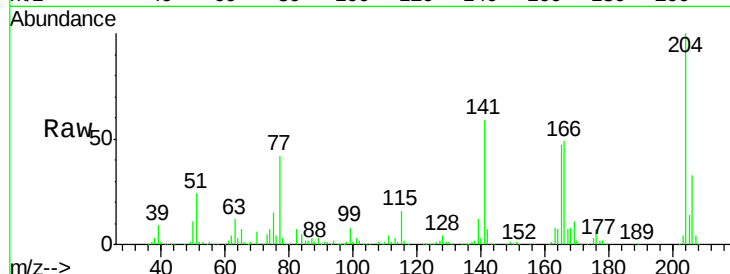




#61
4-Chlorophenyl-phenylether
Concen: 38.606 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

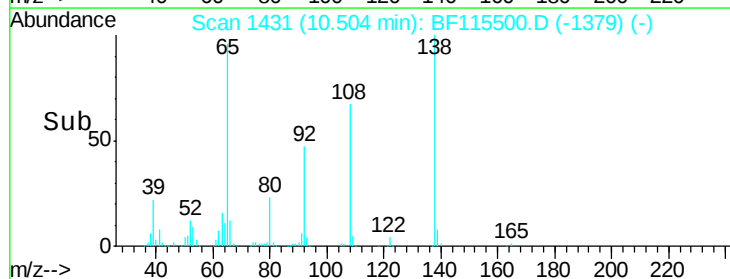
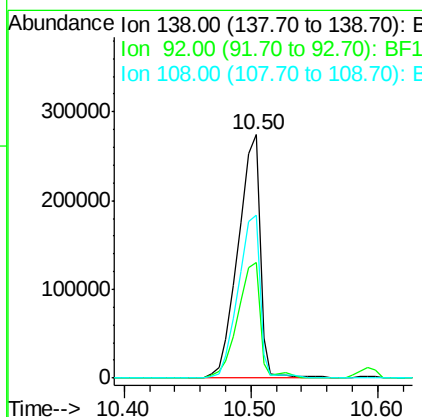
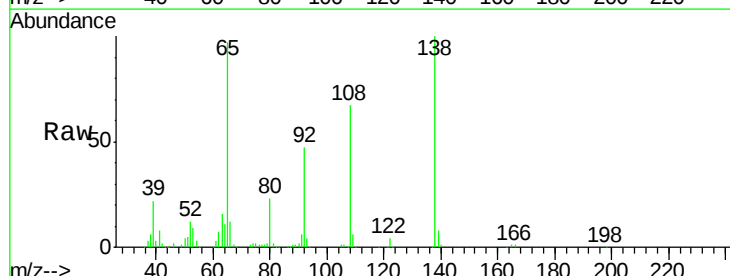
Instrument :
BNA_F
ClientSampleId :

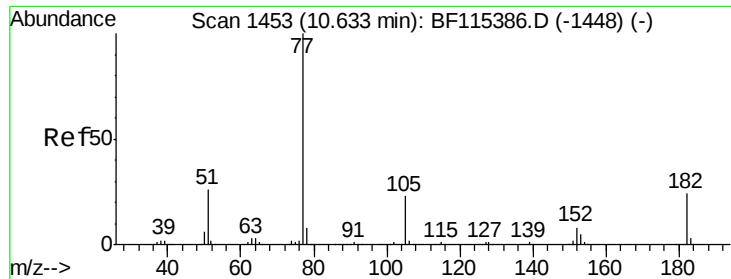
Tot Ion:204 Resp: 543253
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 58.5 47.9 71.9



#62
4-Nitroaniline
Concen: 42.350 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:138 Resp: 329583
Ion Ratio Lower Upper
138 100
92 47.2 29.9 69.9
108 67.0 49.0 89.0

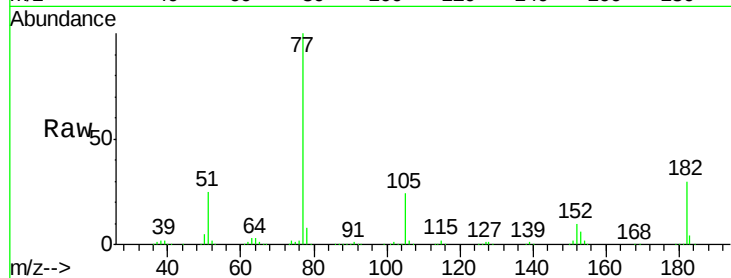




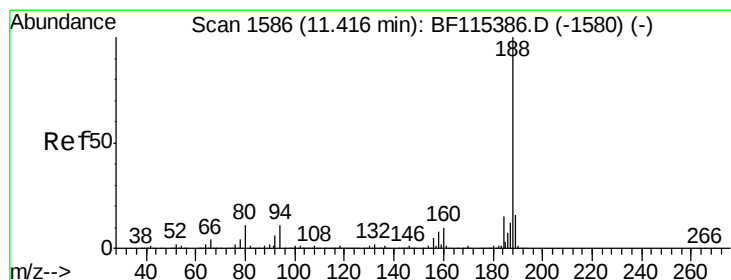
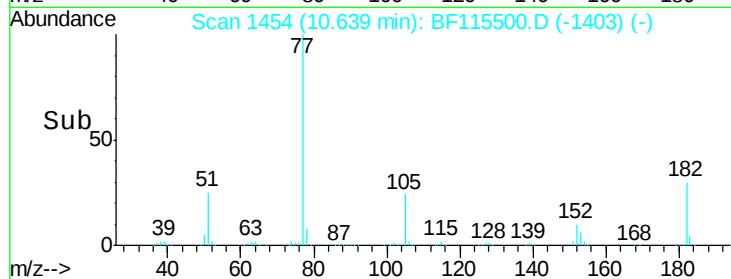
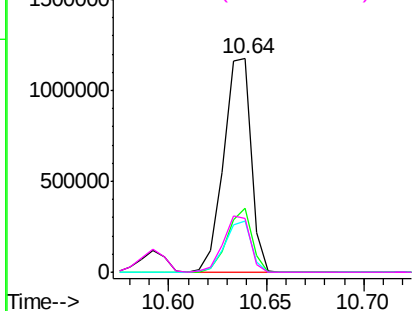
#63
Azobenzene
Concen: 35.936 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1147672
Ion Ratio Lower Upper
77 100
182 29.8 7.7 47.7
105 24.2 3.6 43.6
51 25.3 4.8 44.8

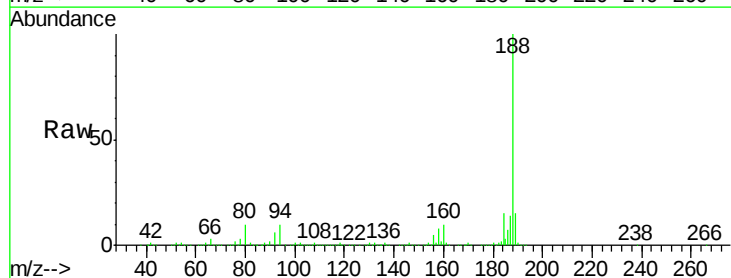


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

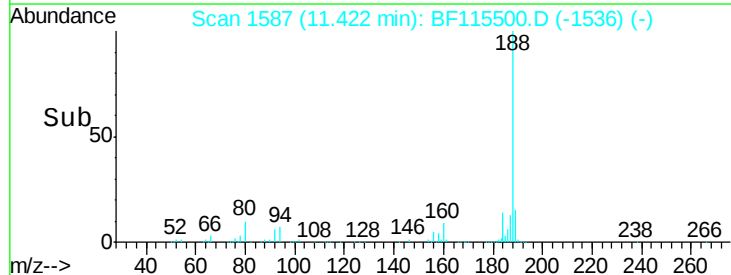
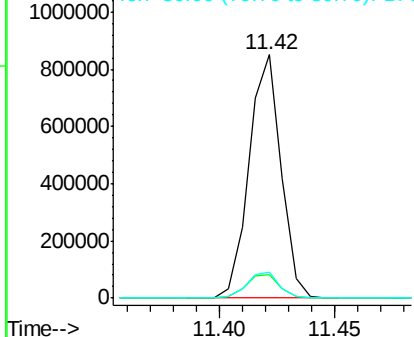


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion: 188 Resp: 822147
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.8
80 10.5 8.4 12.6



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

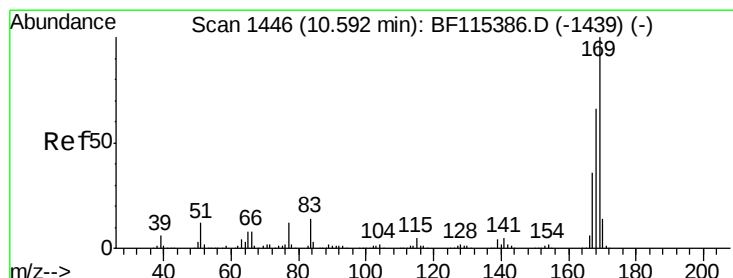
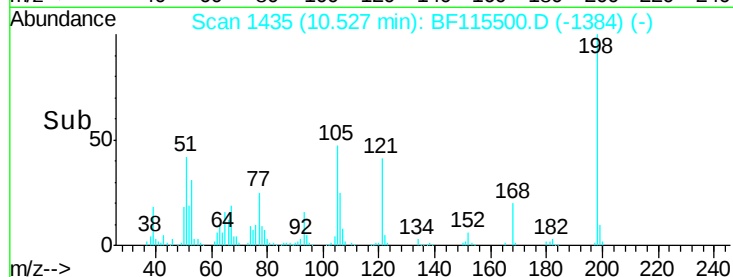
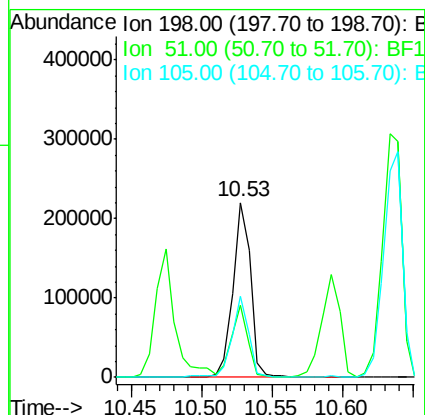
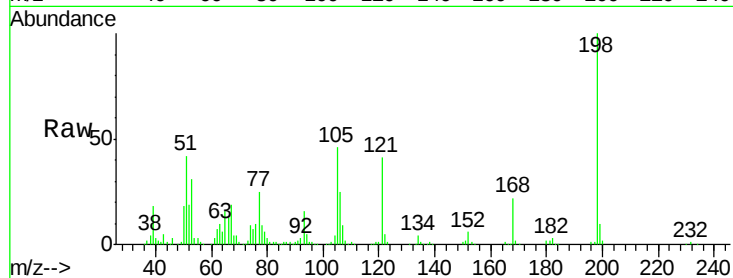




#65
4,6-Dinitro-2-methylphenol
Concen: 48.675 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

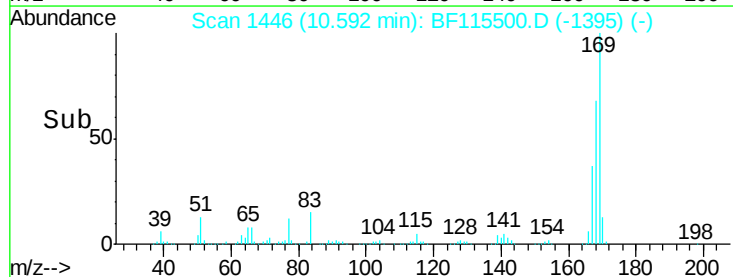
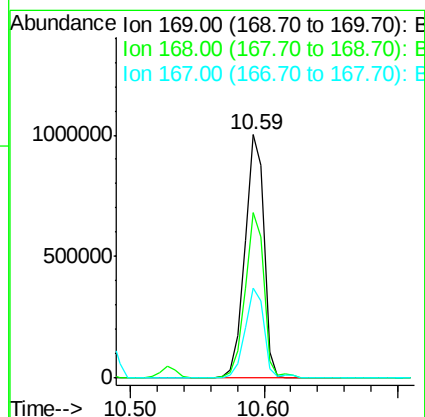
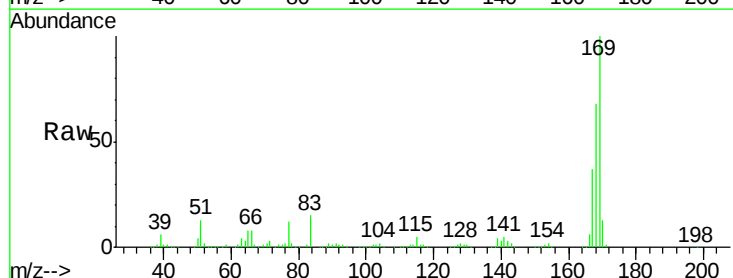
Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 192126
Ion Ratio Lower Upper
198 100
51 41.6 20.7 60.7
105 46.4 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 37.801 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:169 Resp: 979210
Ion Ratio Lower Upper
169 100
168 67.9 53.2 79.8
167 37.1 29.4 44.2

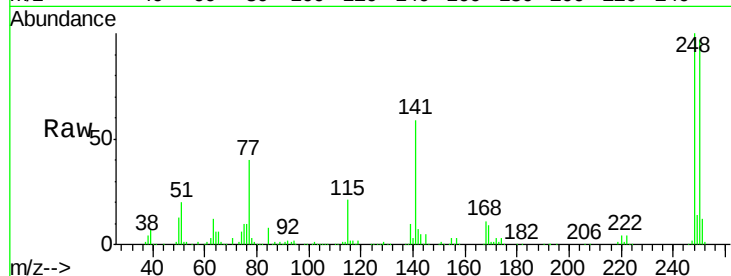




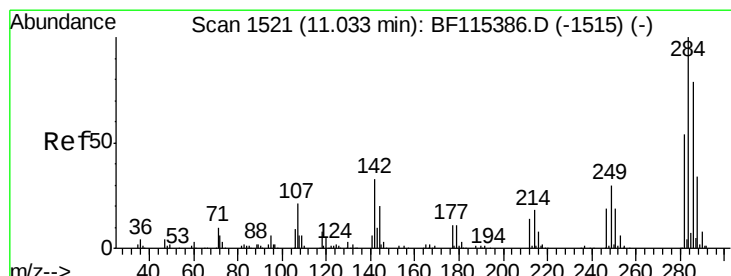
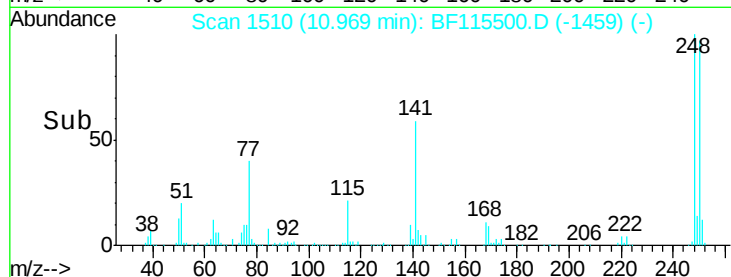
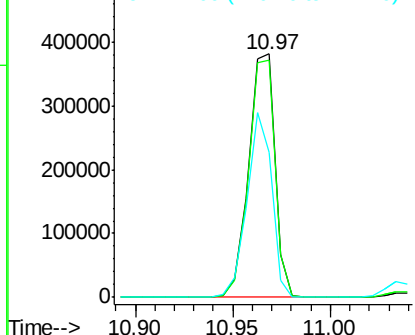
#67
 4-Bromophenyl-phenylether
 Concen: 38.800 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 357933
 Ion Ratio Lower Upper
 248 100
 250 97.5 78.3 117.5
 141 59.5 52.2 78.2

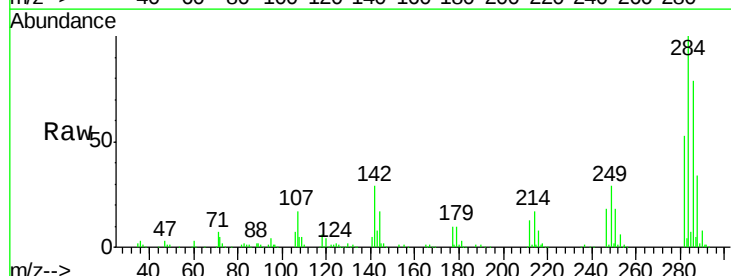


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

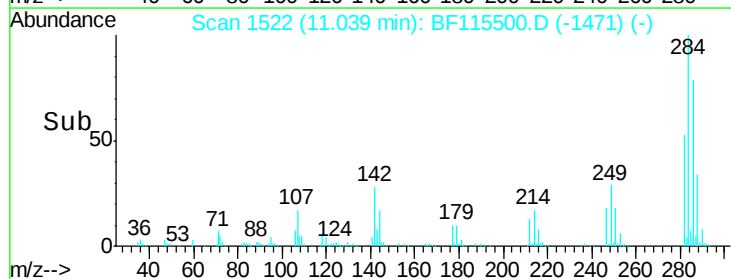
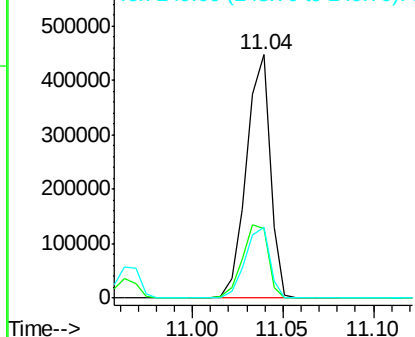


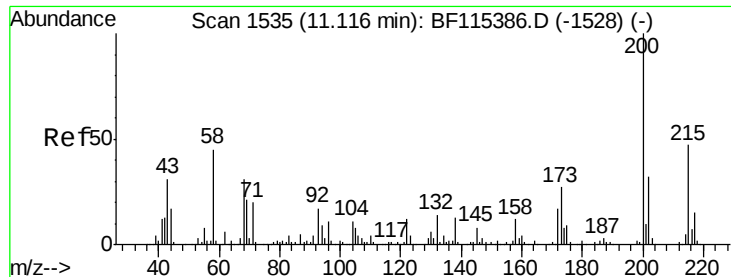
#68
 Hexachlorobenzene
 Concen: 39.613 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

Tgt Ion:284 Resp: 410061
 Ion Ratio Lower Upper
 284 100
 142 28.6 23.9 35.9
 249 29.0 23.6 35.4



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

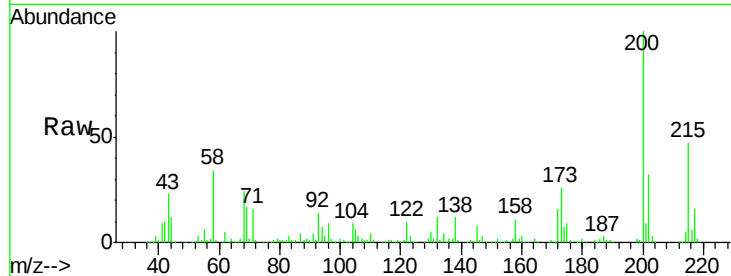




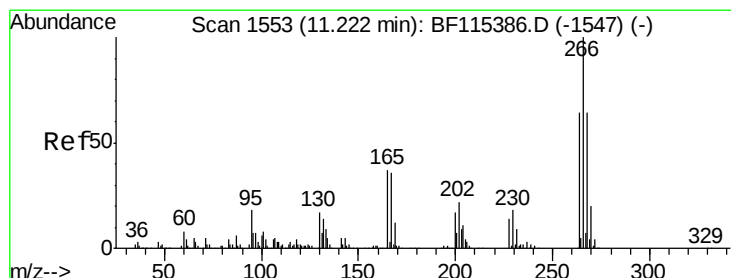
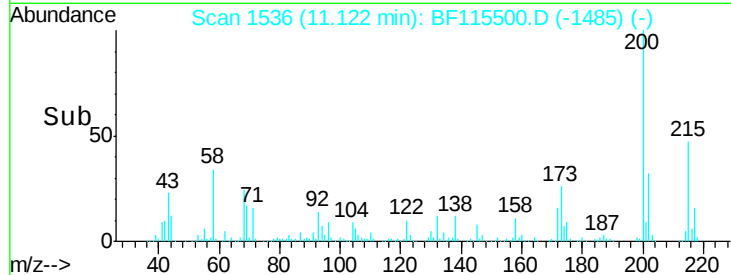
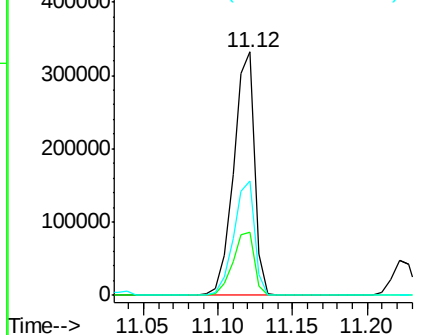
#69
 Atrazine
 Concen: 40.841 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 327419
 Ion Ratio Lower Upper
 200 100
 173 26.0 7.0 47.0
 215 47.0 27.8 67.8

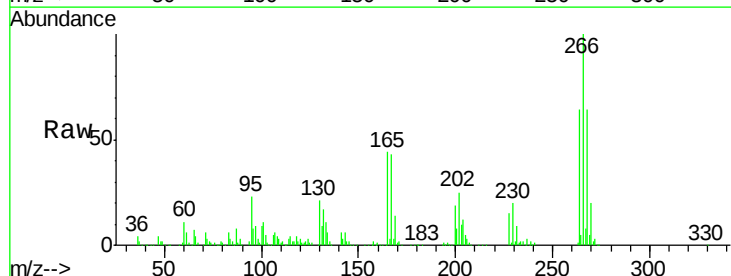


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

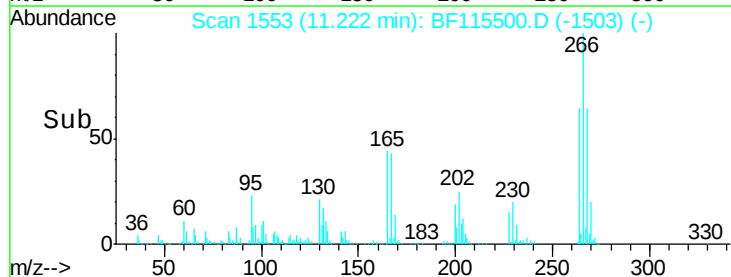
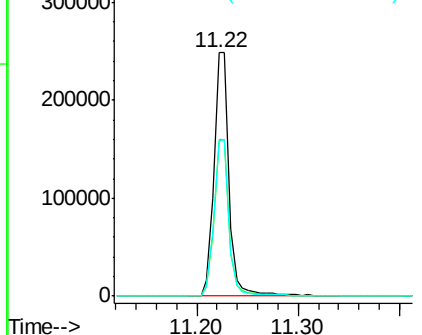


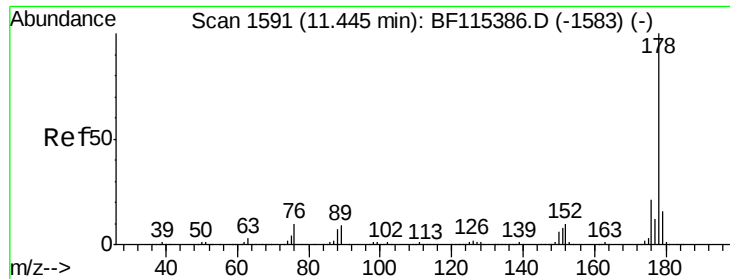
#70
 Pentachlorophenol
 Concen: 41.176 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF115500.D
 Acq: 11 Jul 2019 17:35

Tgt Ion:266 Resp: 259764
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.2 76.8
 264 63.9 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

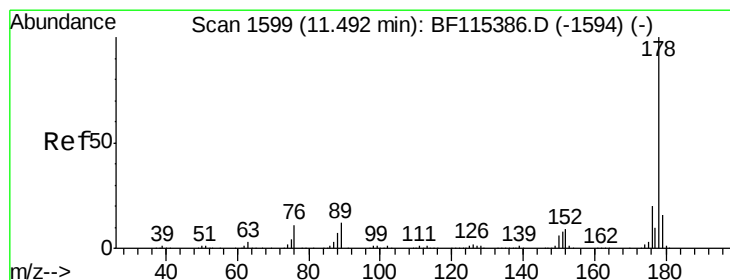
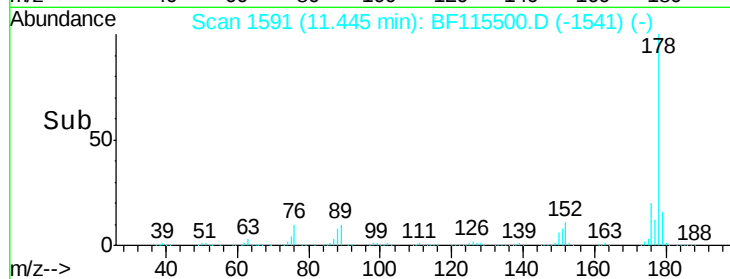
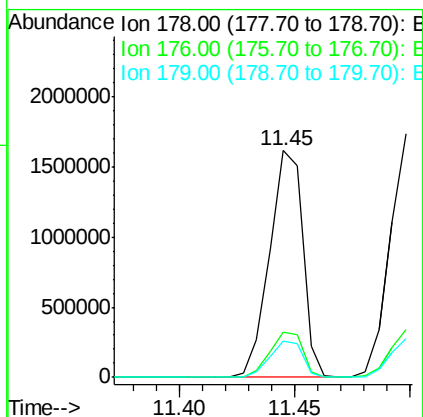
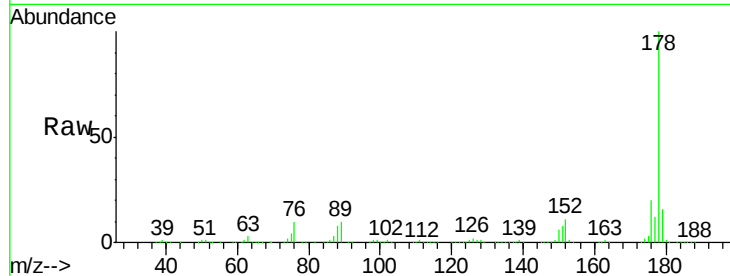




#71
Phenanthrene
Concen: 37.372 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

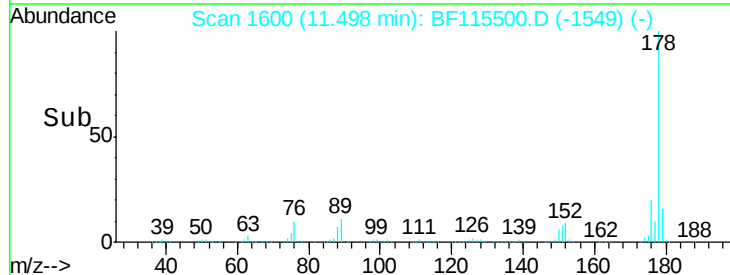
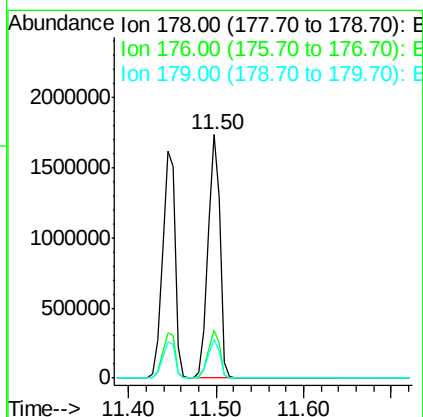
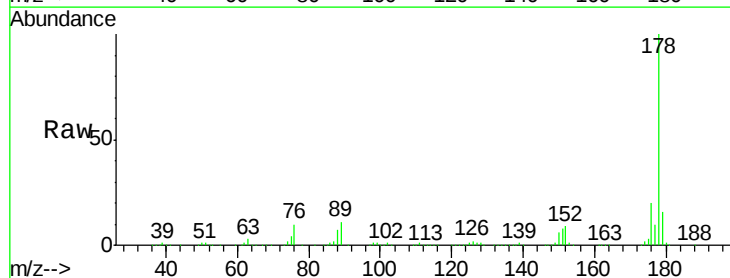
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1615895
Ion Ratio Lower Upper
178 100
176 20.2 16.6 24.8
179 16.3 12.7 19.1



#72
Anthracene
Concen: 38.117 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:178 Resp: 1652695
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.1 13.0 19.6





#73

Carbazole

Concen: 37.863 ng

RT: 11.65 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

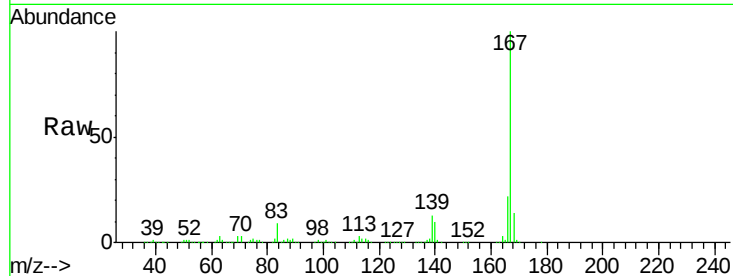
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1501892

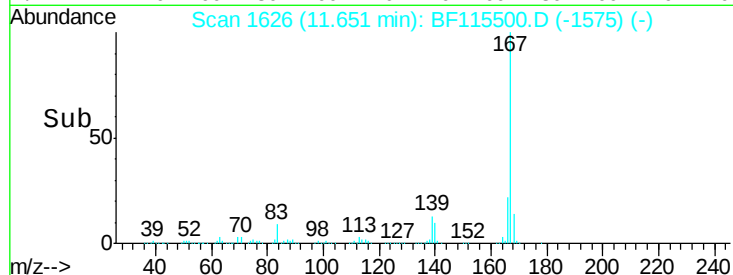
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	13.2	10.9	16.3



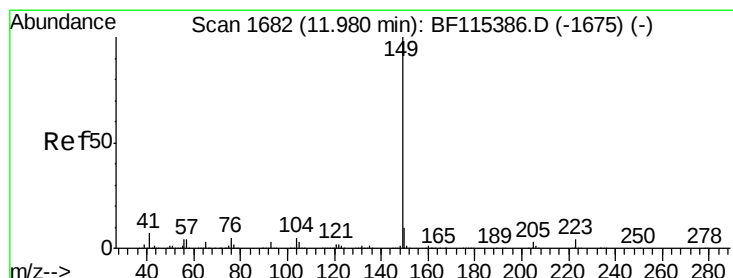
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 37.332 ng

RT: 11.98 min Scan# 1682

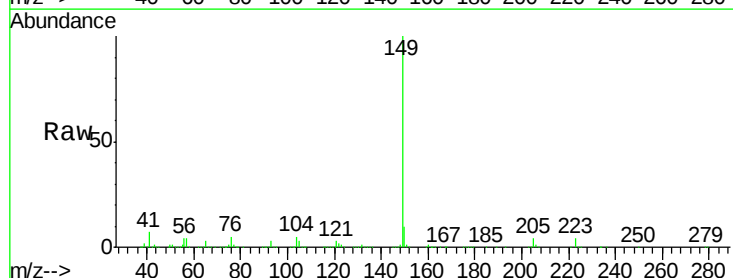
Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Tgt Ion:149 Resp: 1789640

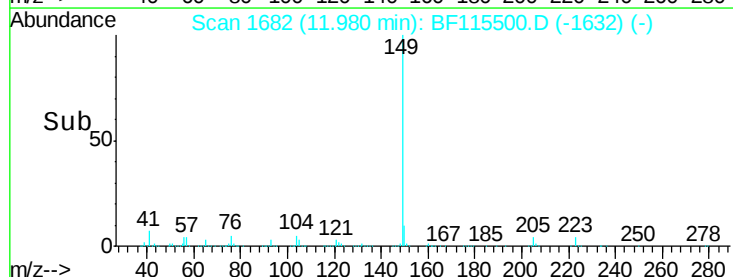
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.3	3.9	5.9



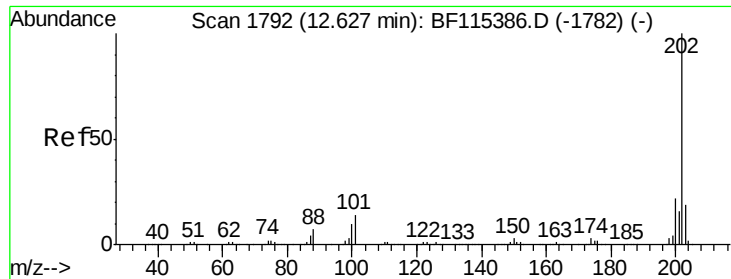
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



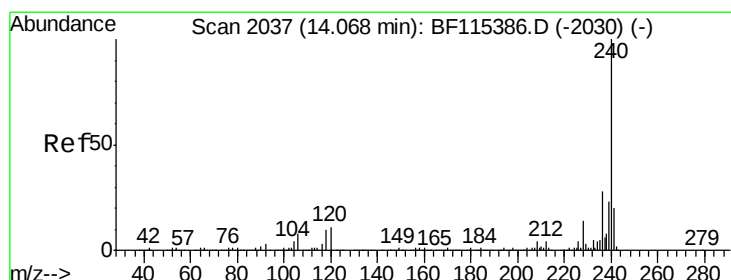
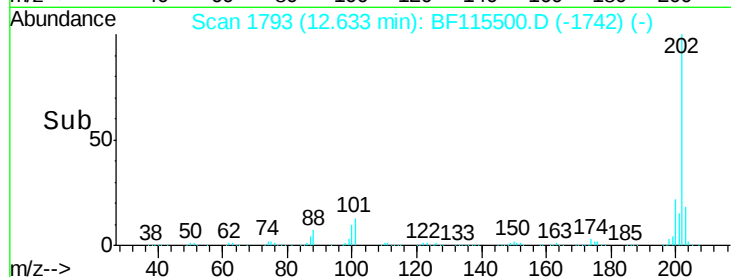
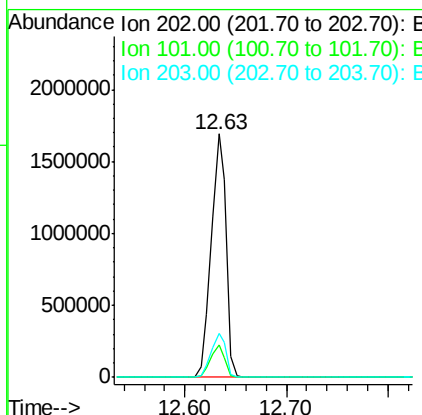
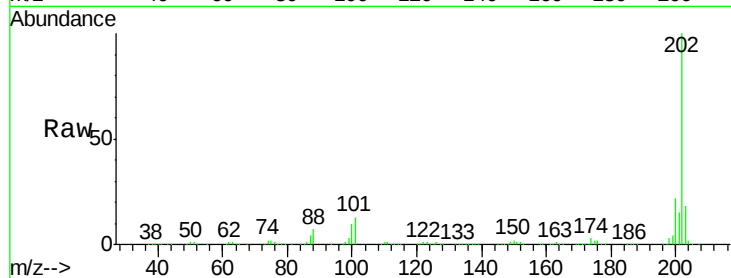
Time-->



#75
Fluoranthene
Concen: 37.672 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

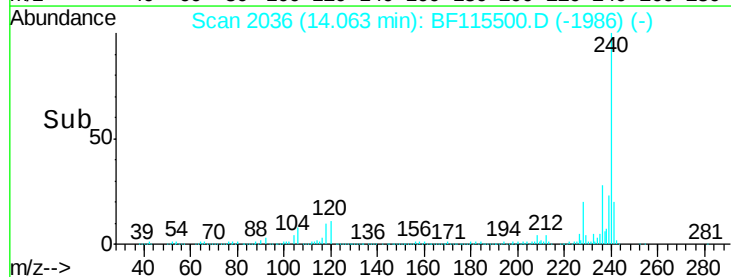
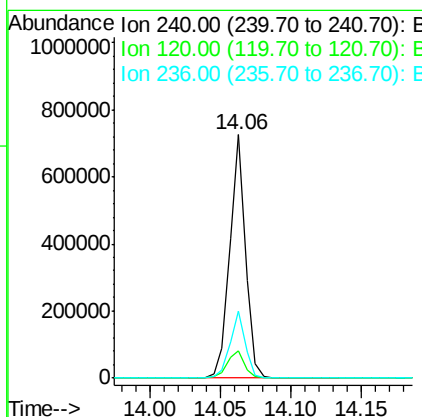
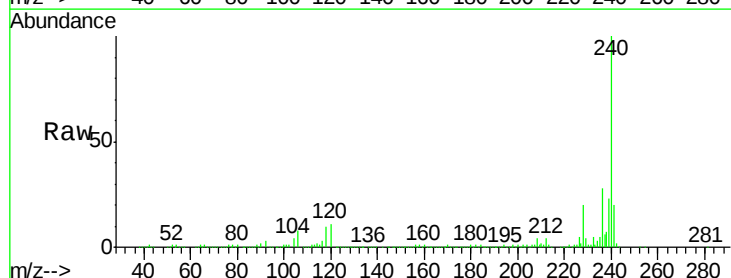
Instrument :
BNA_F
ClientSampleId :

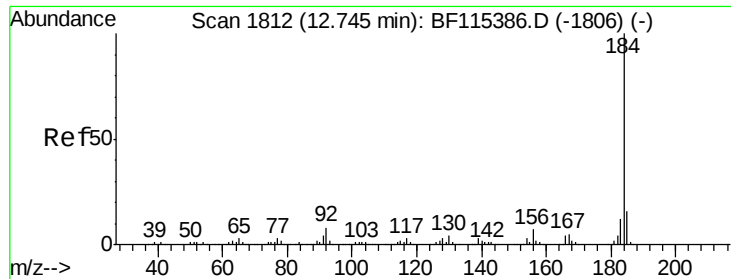
Tot Ion:202 Resp: 1715099
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.9
203 18.3 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:240 Resp: 562871
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.4
236 27.7 21.1 31.7





#77

Benzidine

Concen: 35.802 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

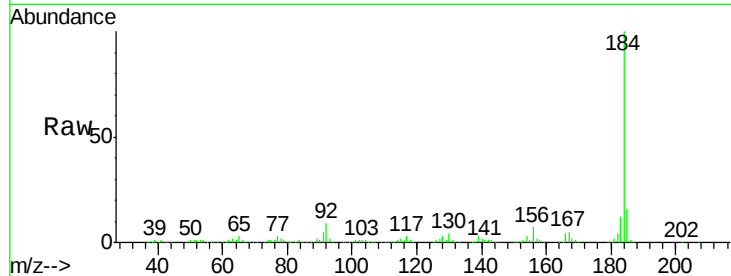
Tot Ion:184 Resp: 785843

Ion Ratio Lower Upper

184 100

185 15.6 13.0 19.6

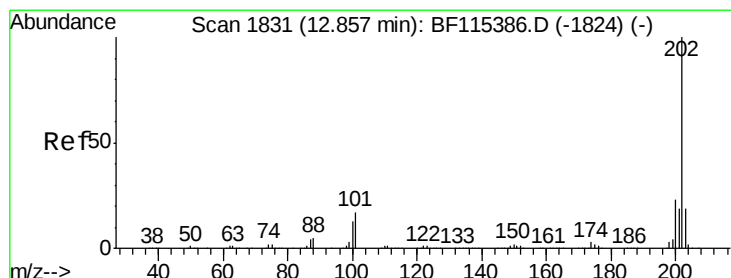
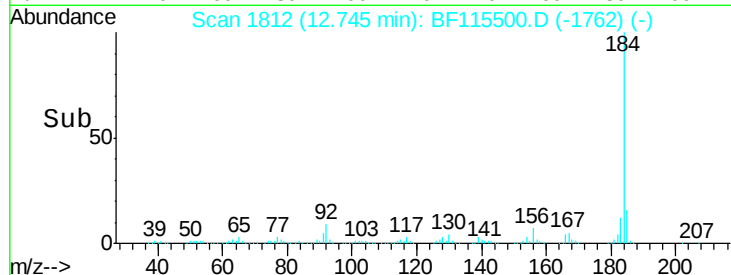
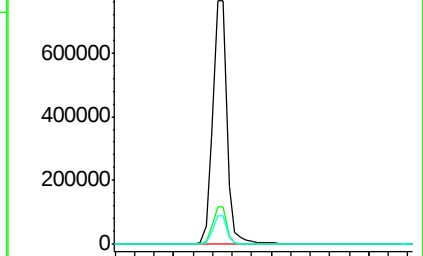
183 11.7 9.7 14.5



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: 39.671 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

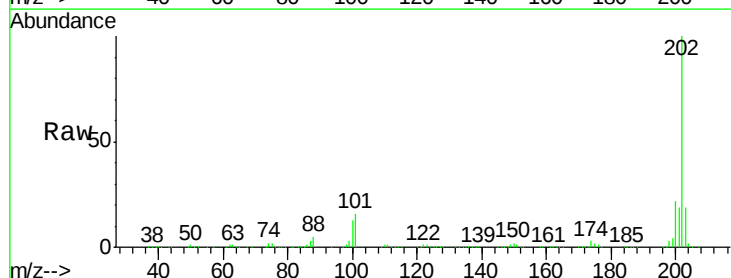
Tgt Ion:202 Resp: 1736465

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

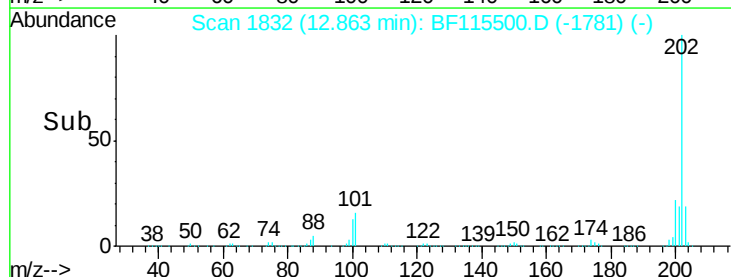
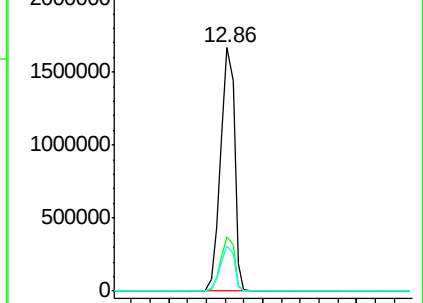
203 18.6 14.7 22.1

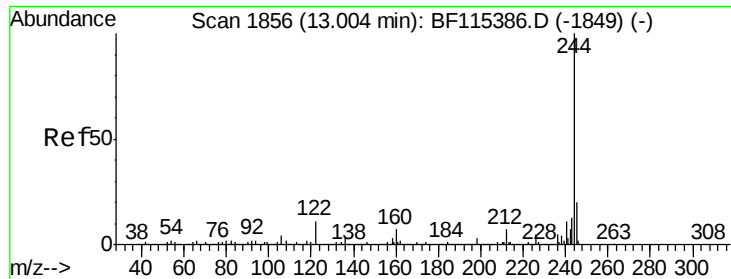


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.060 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

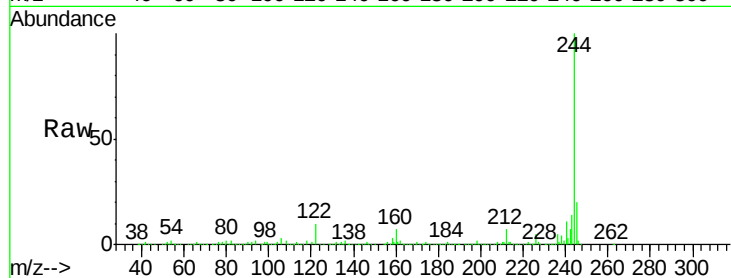
Tot Ion:244 Resp: 2145923

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

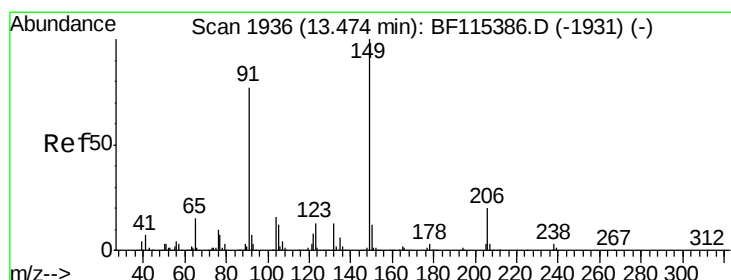
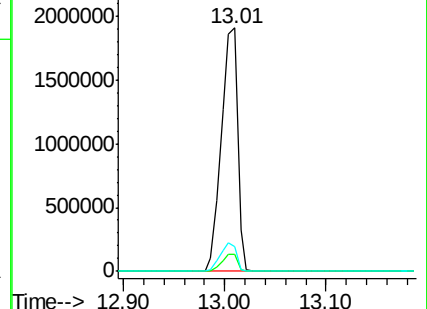
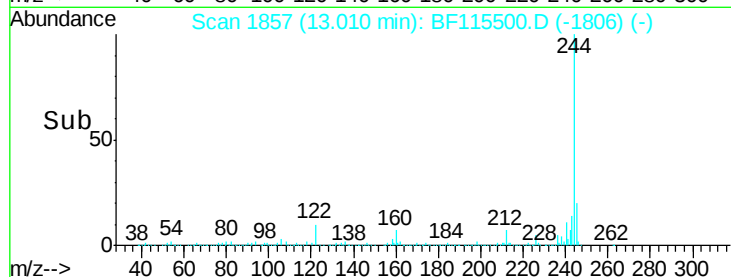
122 10.2 9.1 13.7



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: 40.339 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

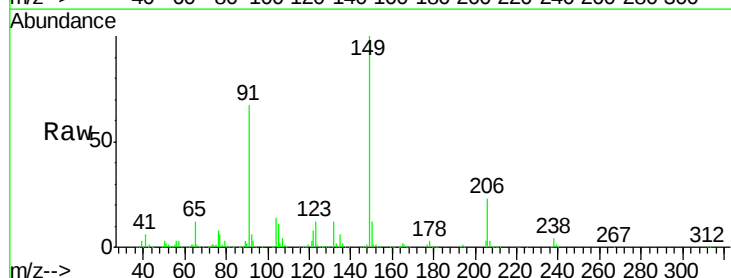
Tgt Ion:149 Resp: 771480

Ion Ratio Lower Upper

149 100

91 67.2 57.8 86.6

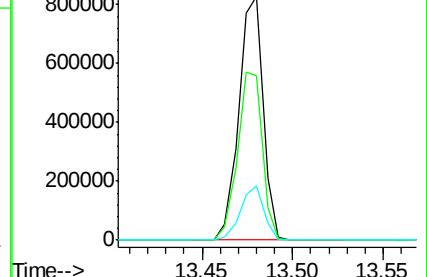
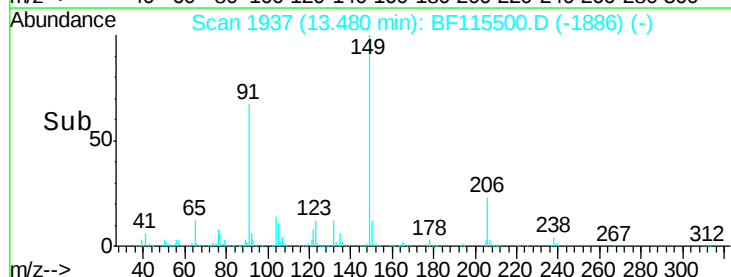
206 22.5 16.9 25.3

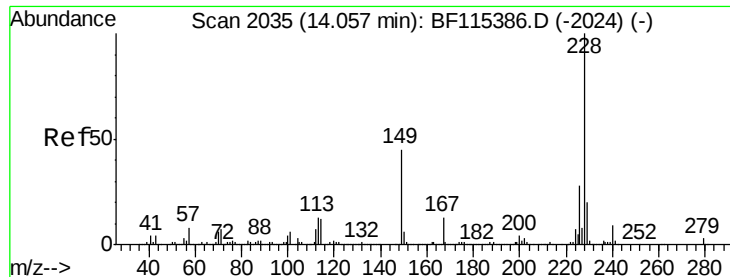


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.804 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

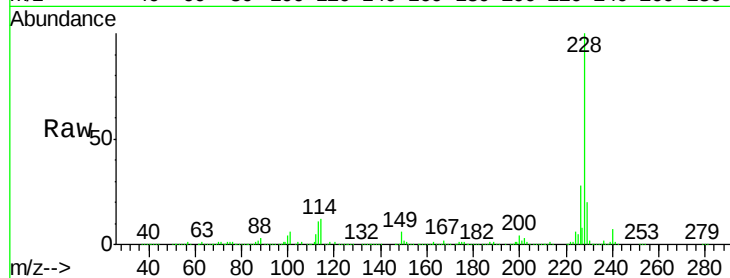
Tot Ion:228 Resp: 1435540

Ion Ratio Lower Upper

228 100

226 28.0 22.6 34.0

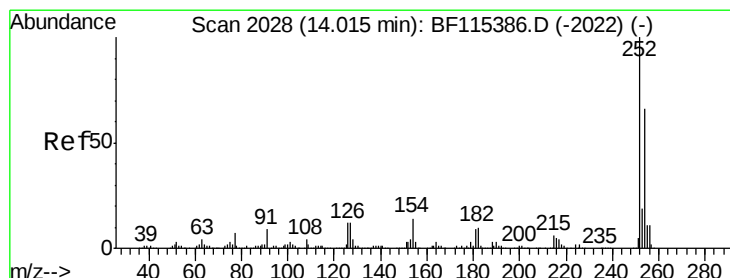
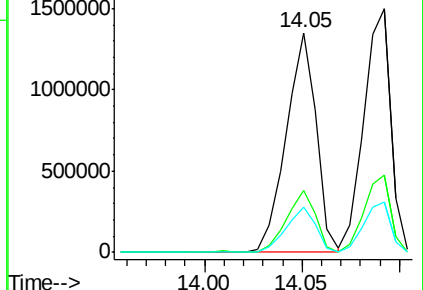
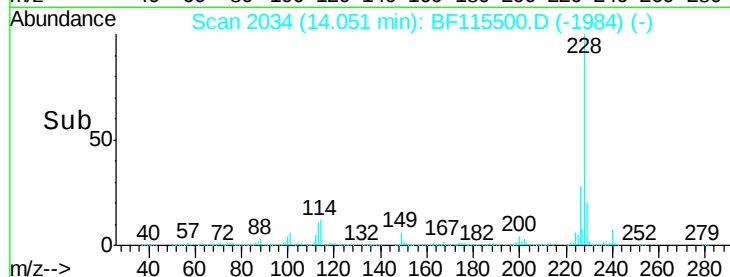
229 20.4 16.4 24.6



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: 40.429 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

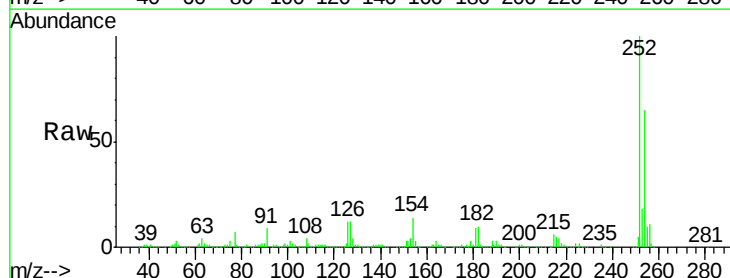
Tgt Ion:252 Resp: 529071

Ion Ratio Lower Upper

252 100

254 65.5 52.9 79.3

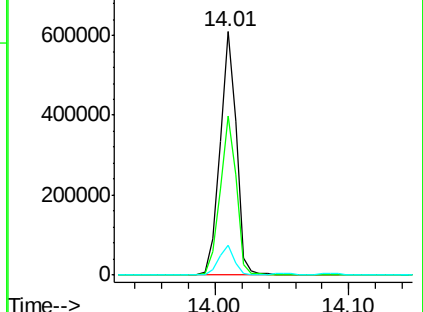
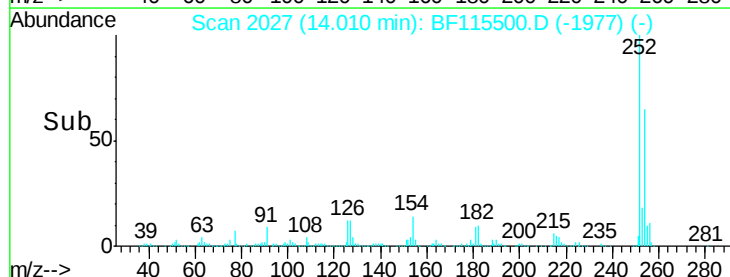
126 12.0 10.0 15.0

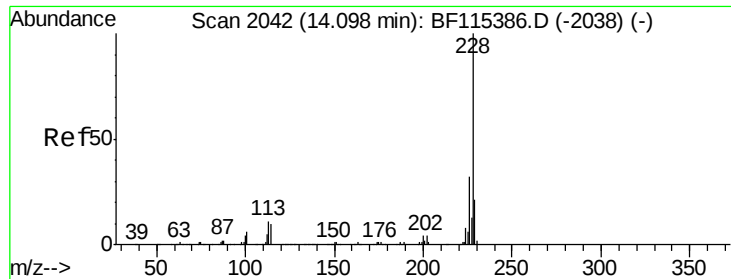


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

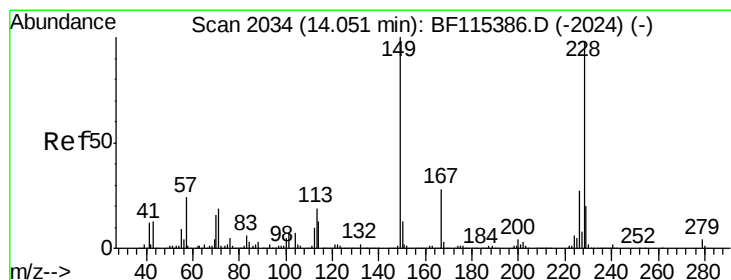
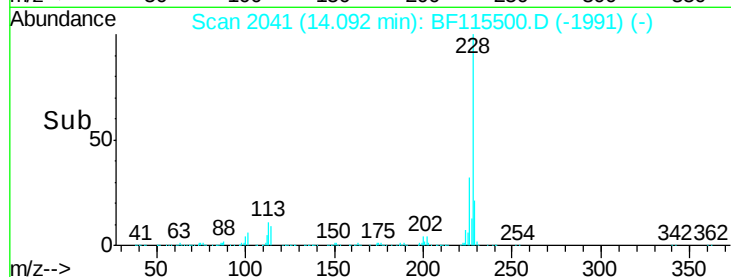
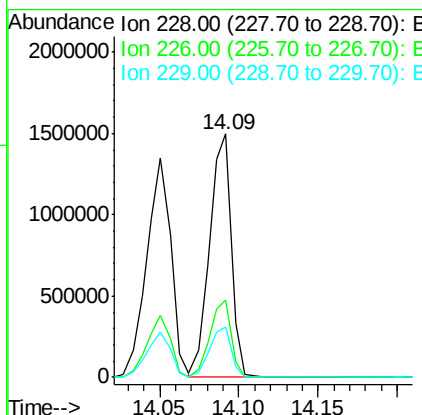
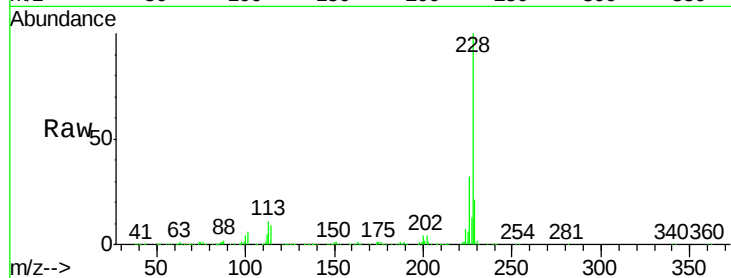




#83
Chrysene
Concen: 38.657 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

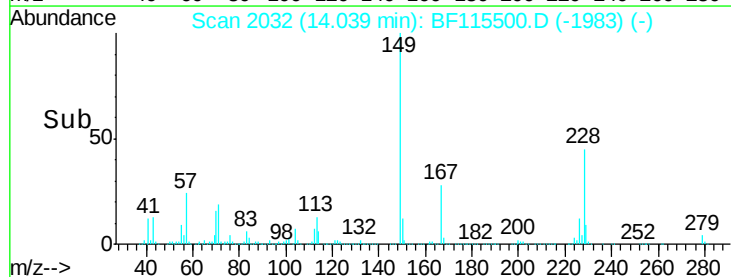
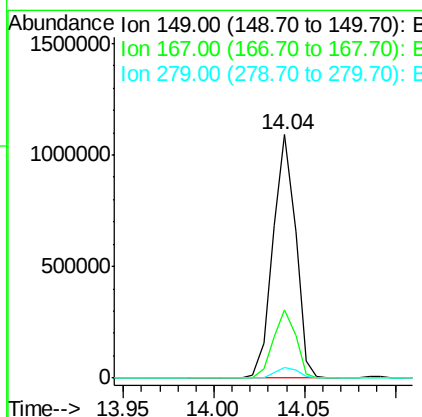
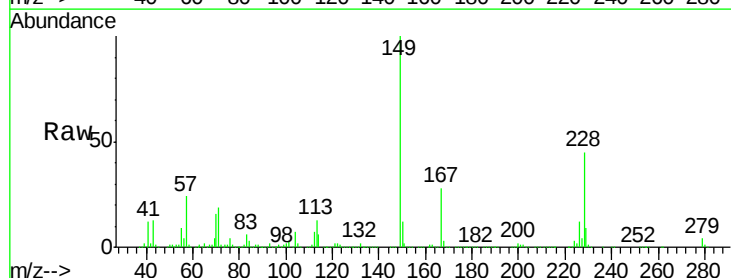
Instrument :
BNA_F
ClientSampleId :

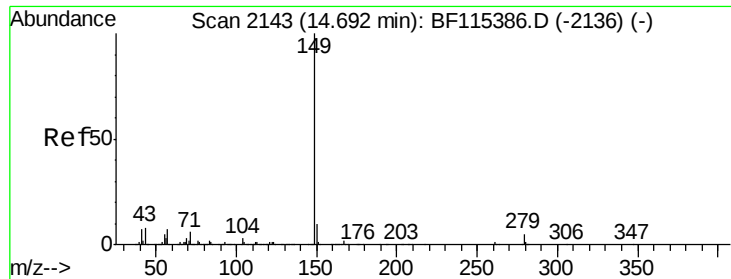
Tot Ion:228 Resp: 1432467
Ion Ratio Lower Upper
228 100
226 32.0 25.1 37.7
229 20.5 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 40.143 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:149 Resp: 950747
Ion Ratio Lower Upper
149 100
167 27.8 22.6 34.0
279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 38.616 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.03 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

Instrument :

BNA_F

ClientSampleId :

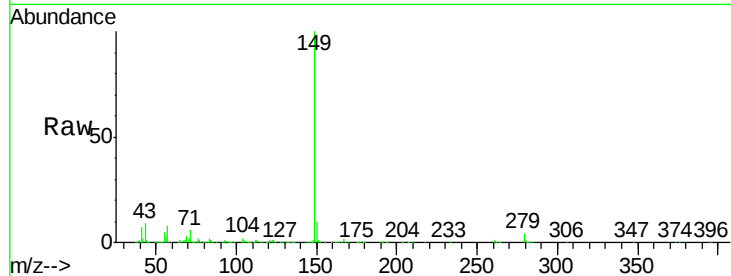
Tot Ion:149 Resp: 1628170

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

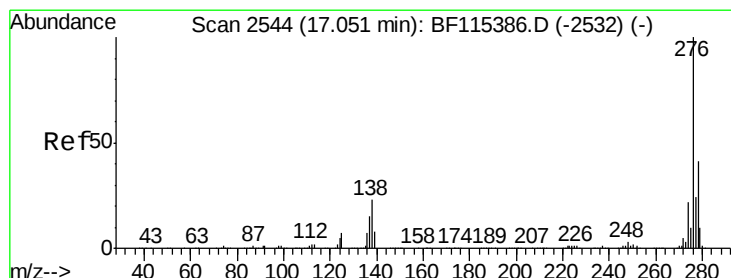
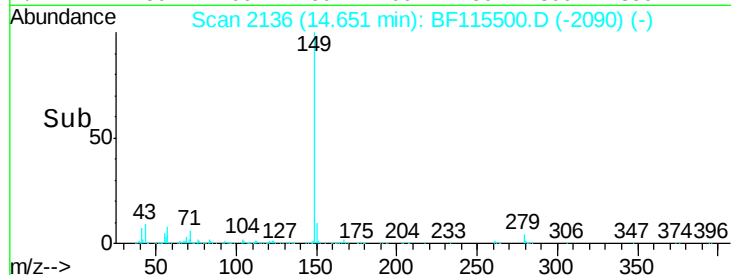
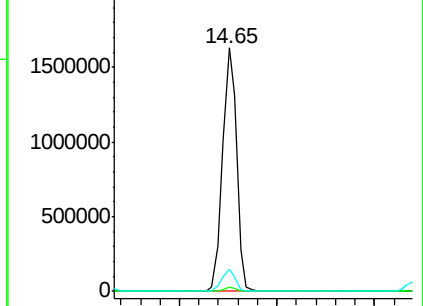
43 8.5 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.067 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BF115500.D

Acq: 11 Jul 2019 17:35

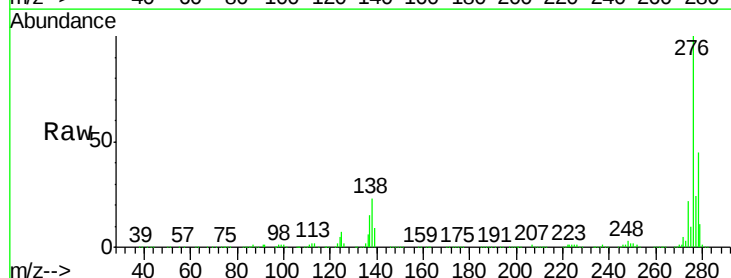
Tgt Ion:276 Resp: 1288382

Ion Ratio Lower Upper

276 100

138 25.1 20.6 31.0

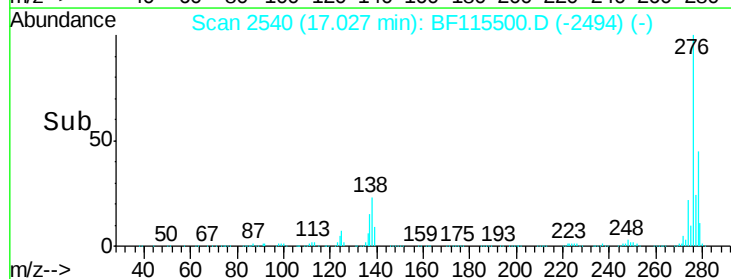
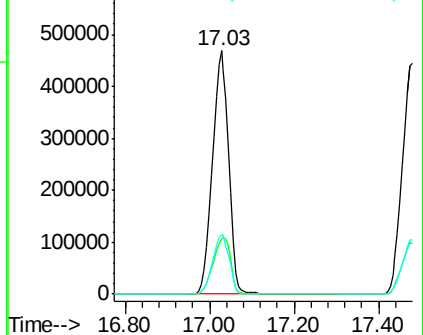
277 25.2 20.2 30.2

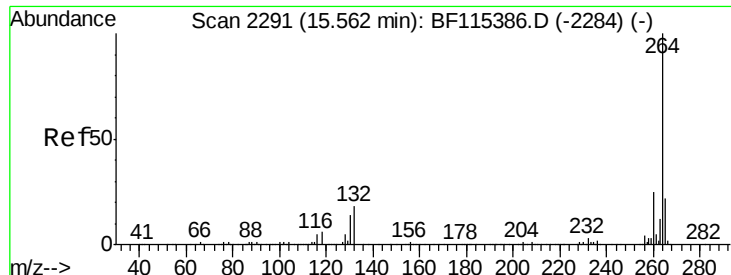


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

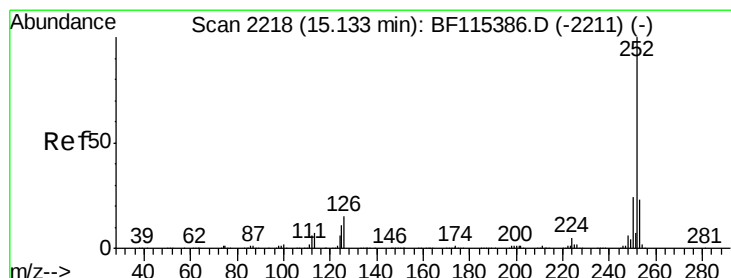
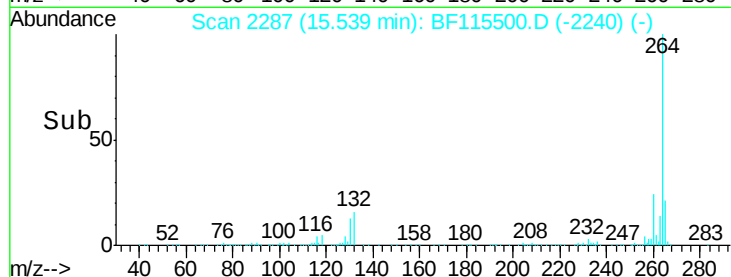
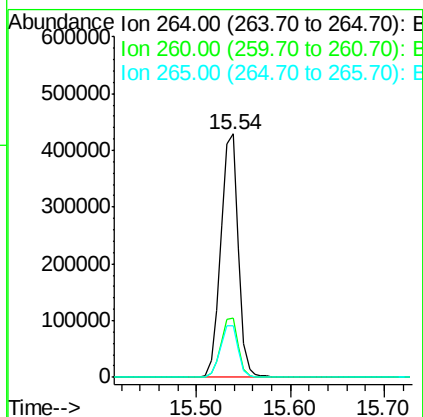
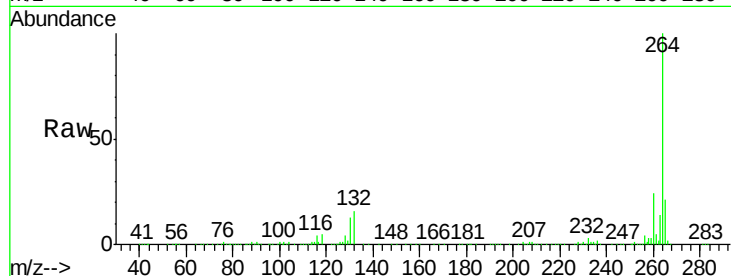




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

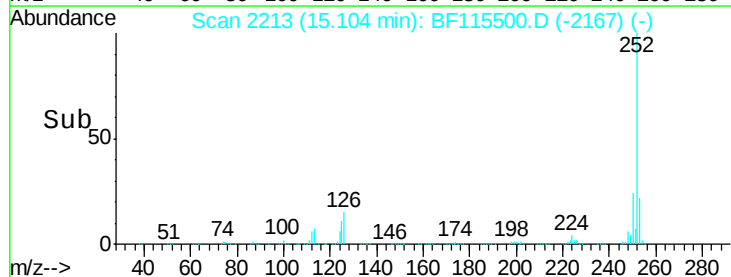
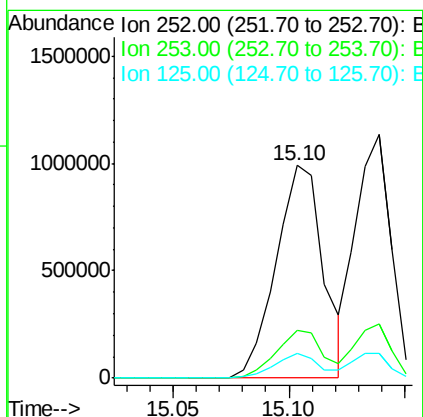
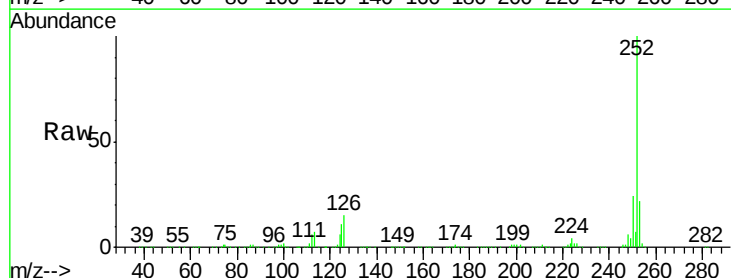
Instrument :
BNA_F
ClientSampled :

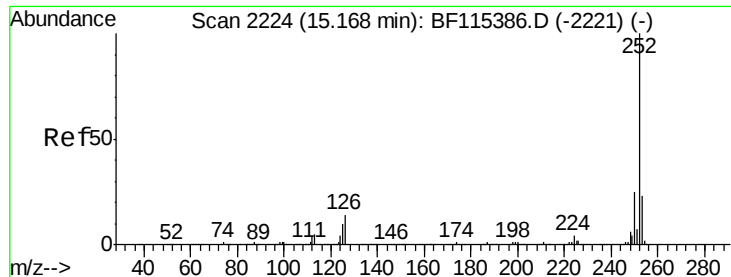
Tot Ion:264 Resp: 556656
Ion Ratio Lower Upper
264 100
260 24.2 20.1 30.1
265 21.2 17.8 26.6



#88
Benzo(b)fluoranthene
Concen: 38.846 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:252 Resp: 1407912
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.3 8.5 12.7

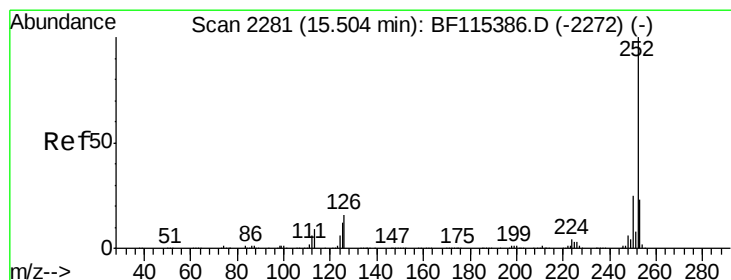
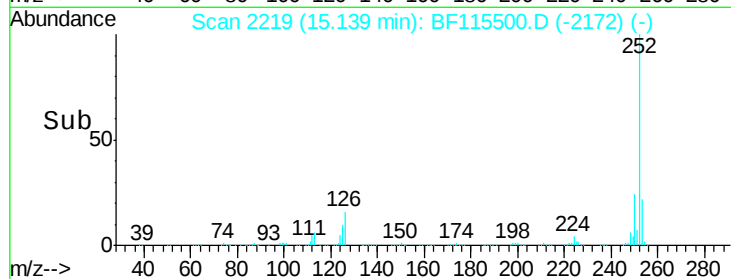
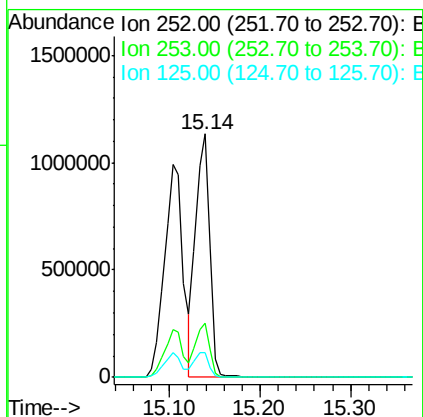
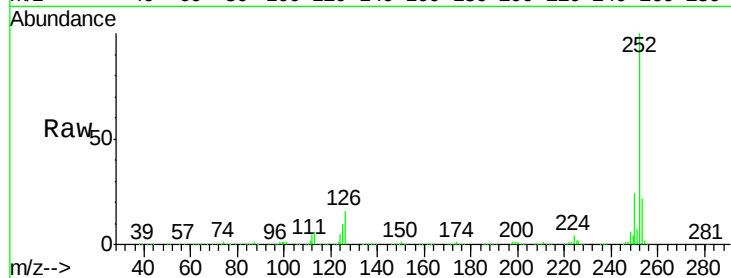




#89
Benzo(k)fluoranthene
Concen: 37.757 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

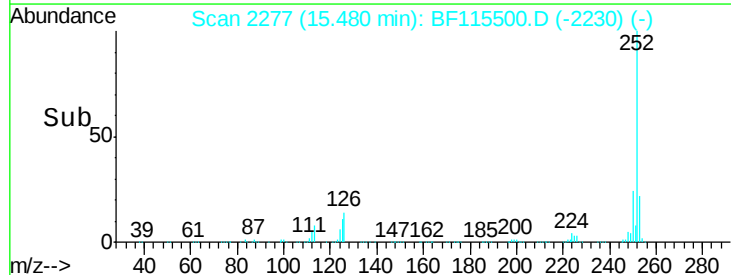
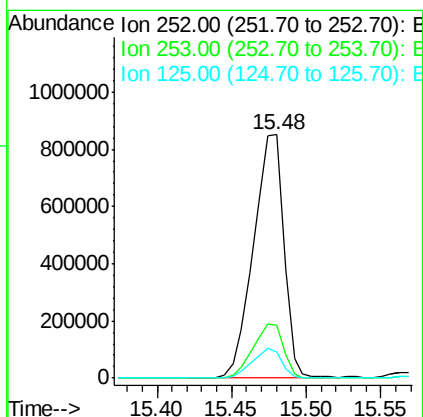
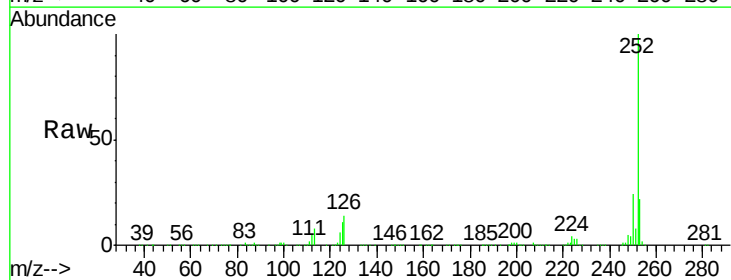
Instrument :
BNA_F
ClientSampleId :

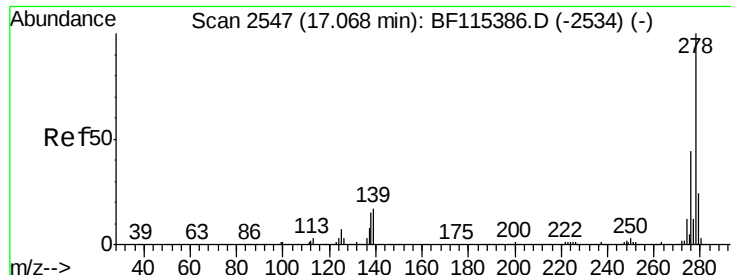
Tot Ion:252 Resp: 1216991
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 38.354 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:252 Resp: 1198935
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.9 9.7 14.5

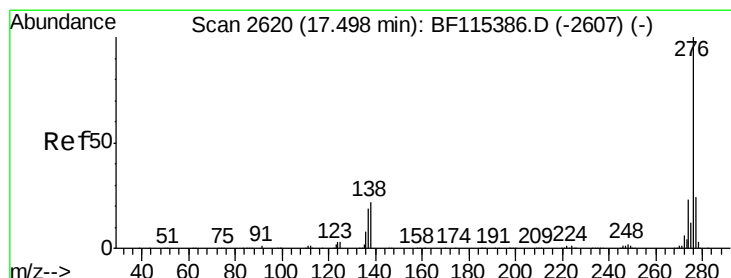
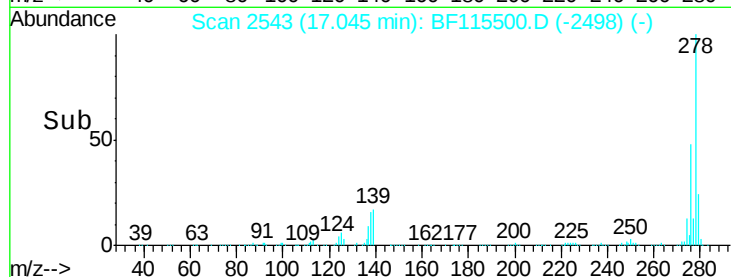
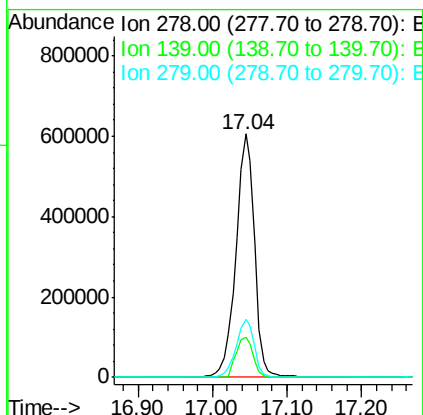
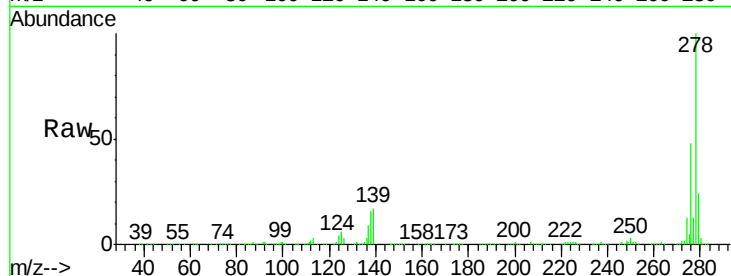




#91
Dibenzo(a,h)anthracene
Concen: 39.225 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.04 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1047792
Ion Ratio Lower Upper
278 100
139 16.6 13.0 19.6
279 24.0 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 40.338 ng
RT: 17.48 min Scan# 2617
Delta R.T. -0.03 min
Lab File: BF115500.D
Acq: 11 Jul 2019 17:35

Tgt Ion:276 Resp: 1019890
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 21.7 17.8 26.8

