

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115598.D
 Acq On : 16 Jul 2019 15:42
 Operator : HP/JU
 Sample : K3620-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 17 03:46:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	170777	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	574511	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	282242	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	519905	20.00	ng	0.00
76) Chrysene-d12	14.04	240	308879	20.00	ng	0.00
87) Perylene-d12	15.52	264	409146	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1078490	103.30	ng	0.02
7) Phenol-d6	6.52	99	1306891	98.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	844122	85.43	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	401886	121.99	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1588779	98.53	ng	0.00
79) Terphenyl-d14	12.99	244	1563507	93.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	167830	32.226	ng	# 86
3) Pyridine	3.55	79	362276	25.639	ng	98
4) n-Nitrosodimethylamine	3.47	42	184867	36.065	ng	98
6) Aniline	6.55	93	179124	9.716	ng	99
8) 2-Chlorophenol	6.67	128	457317	38.098	ng	97
9) Benzaldehyde	6.43	77	199306	24.075	ng	100
10) Phenol	6.53	94	466568	30.338	ng	83
11) bis(2-Chloroethyl)ether	6.62	93	443668	37.892	ng	100
12) 1,3-Dichlorobenzene	6.83	146	478786	35.476	ng	99
13) 1,4-Dichlorobenzene	6.90	146	494946	36.756	ng	97
14) 1,2-Dichlorobenzene	7.06	146	453988	36.881	ng	97
15) Benzyl Alcohol	7.02	79	393769	37.469	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	504930	32.756	ng	97
17) 2-Methylphenol	7.13	107	334764	32.361	ng	100
18) Hexachloroethane	7.40	117	153444	30.701	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	278642	32.250	ng	98
20) 3+4-Methylphenols	7.29	107	386994	31.495	ng	# 86
22) Acetophenone	7.29	105	553433	42.641	ng	# 92
24) Nitrobenzene	7.46	77	424975	39.878	ng	98
25) Isophorone	7.70	82	775307	39.215	ng	100
26) 2-Nitrophenol	7.78	139	217947	39.733	ng	95
27) 2,4-Dimethylphenol	7.82	122	337801	41.159	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	474516	39.123	ng	99
29) 2,4-Dichlorophenol	8.02	162	348626	40.844	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	376828	39.056	ng	98
31) Naphthalene	8.19	128	1147018	41.224	ng	97
32) Benzoic acid	7.92	122	136633	20.286	ng	99
33) 4-Chloroaniline	8.23	127	85344	6.925	ng	97
34) Hexachlorobutadiene	8.31	225	215208	38.896	ng	99
35) Caprolactam	8.60	113	54770	20.765	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	371268	41.932	ng	100
37) 2-Methylnaphthalene	8.88	142	778504	42.210	ng	97
38) 1-Methylnaphthalene	8.98	142	727551	41.531	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	358499	42.180	ng	99

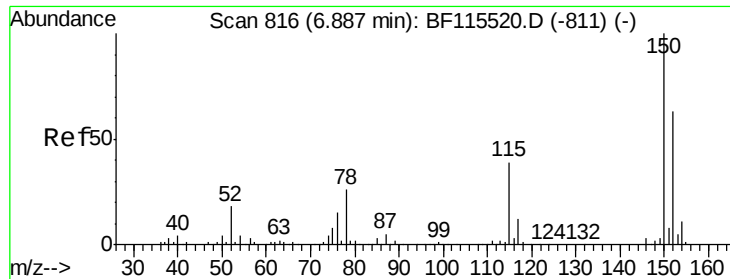
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	280114	57.775	ng	97
43) 2,4,6-Trichlorophenol	9.16	196	253836	40.839	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	278848	43.807	ng	99
46) 1,1'-Biphenyl	9.35	154	970542	43.985	ng	98
47) 2-Chloronaphthalene	9.37	162	762795	41.518	ng	98
48) 2-Nitroaniline	9.46	65	229969	40.440	ng	99
49) Acenaphthylene	9.79	152	1174494	43.142	ng	97
50) Dimethylphthalate	9.64	163	913603	43.023	ng	99
51) 2,6-Dinitrotoluene	9.70	165	209052	43.320	ng	98
52) Acenaphthene	9.96	154	750088	42.676	ng	99
53) 3-Nitroaniline	9.86	138	76923	13.949	ng	99
54) 2,4-Dinitrophenol	9.97	184	103340	41.709	ng	97
55) Dibenzofuran	10.13	168	1042886	41.782	ng	99
56) 4-Nitrophenol	10.03	139	300956	71.567	ng	96
57) 2,4-Dinitrotoluene	10.10	165	276456	44.218	ng	96
58) Fluorene	10.47	166	782030	43.826	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	228279	42.901	ng	98
60) Diethylphthalate	10.34	149	877753	44.116	ng	97
61) 4-Chlorophenyl-phenylether	10.46	204	404214	40.849	ng	100
62) 4-Nitroaniline	10.48	138	192594	36.409	ng	97
63) Azobenzene	10.62	77	835335	43.285	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	84148	26.491	ng	91
66) n-Nitrosodiphenylamine	10.58	169	722721	44.689	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	253631	42.690	ng	96
68) Hexachlorobenzene	11.02	284	281216	41.447	ng	94
69) Atrazine	11.10	200	235033	44.300	ng	98
70) Pentachlorophenol	11.22	266	304094	73.279	ng	98
71) Phenanthrene	11.43	178	1146373	43.016	ng	97
72) Anthracene	11.49	178	1170971	42.516	ng	99
73) Carbazole	11.63	167	1014956	42.024	ng	99
74) Di-n-butylphthalate	11.97	149	1288198	43.301	ng	100
75) Fluoranthene	12.62	202	1138382	40.423	ng	99
77) Benzidine	12.73	184	169272	15.470	ng	# 62
78) Pyrene	12.84	202	1096834	41.913	ng	97
80) Butylbenzylphthalate	13.46	149	474439	42.528	ng	98
81) Benzo(a)anthracene	14.03	228	861076	42.315	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	166635	23.035	ng	98
83) Chrysene	14.07	228	880575	43.107	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	627530	45.412	ng	98
85) Di-n-octyl phthalate	14.63	149	1071419	48.731	ng	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	1072972	61.825	ng	99
88) Benzo(b)fluoranthene	15.09	252	942403	35.771	ng	98
89) Benzo(k)fluoranthene	15.12	252	917776	39.073	ng	100
90) Benzo(a)pyrene	15.46	252	963924	42.569	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	874278	43.980	ng	100
92) Benzo(g,h,i)perylene	17.44	276	858024	43.278	ng	100

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

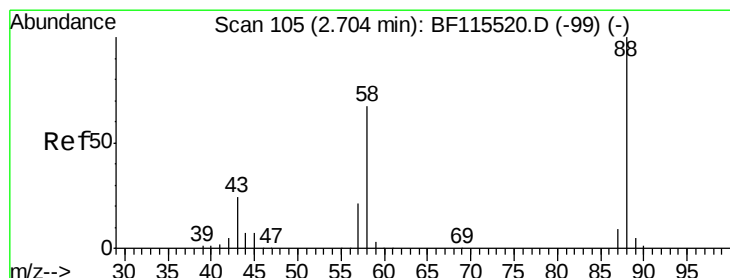
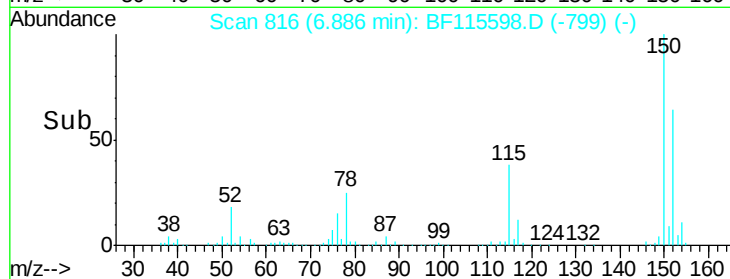
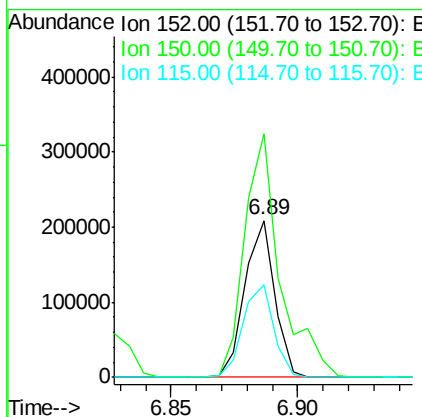
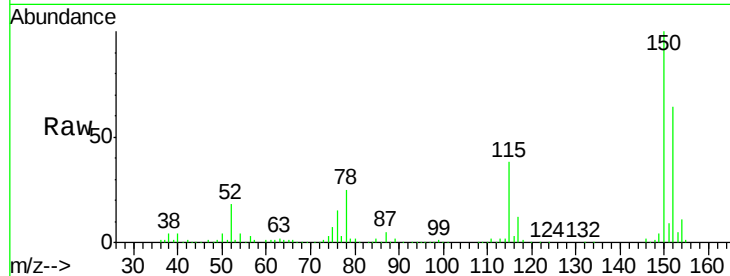


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Instrument :
BNA_F
ClientSampleId :

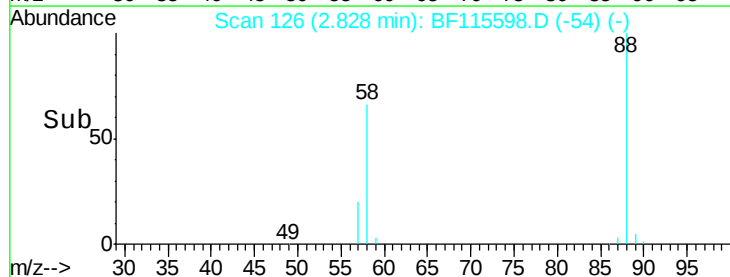
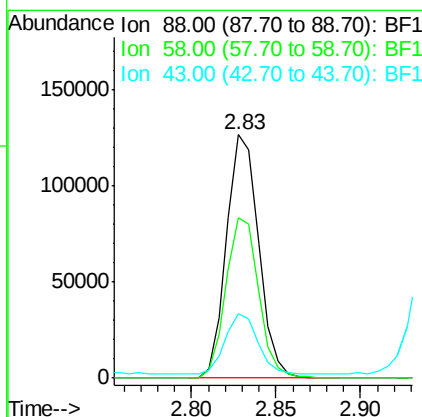
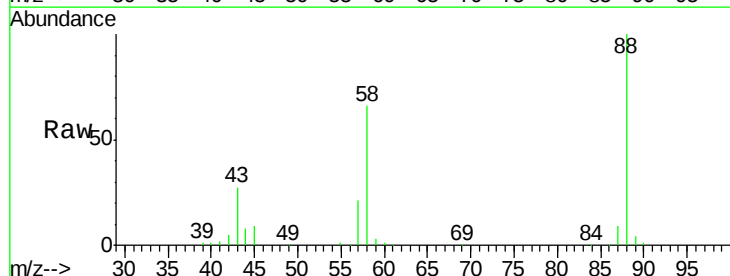
Tot Ion:152 Resp: 170777
Ion Ratio Lower Upper
152 100
150 155.2 129.7 194.5
115 59.3 48.2 72.4

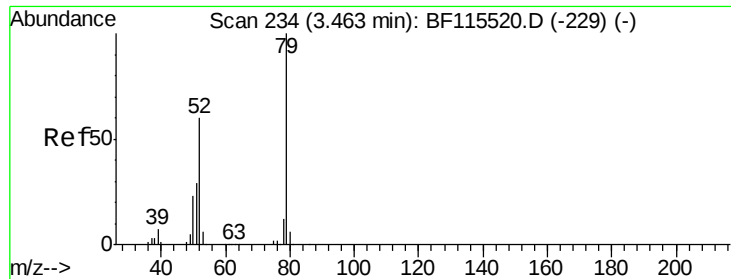


#2

1,4-Dioxane
Concen: 32.226 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.12 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion: 88 Resp: 167830
Ion Ratio Lower Upper
88 100
58 67.2 52.6 79.0
43 0.0 19.1 28.7#

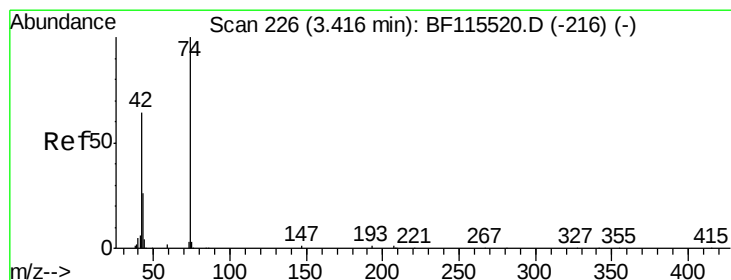
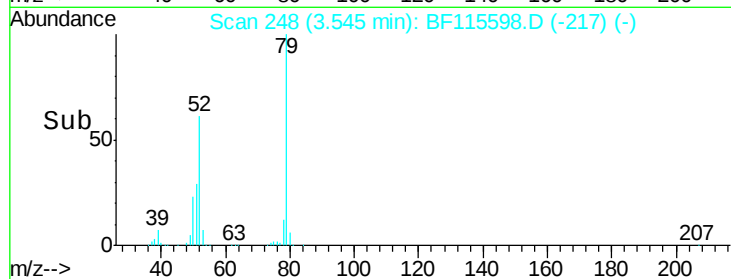
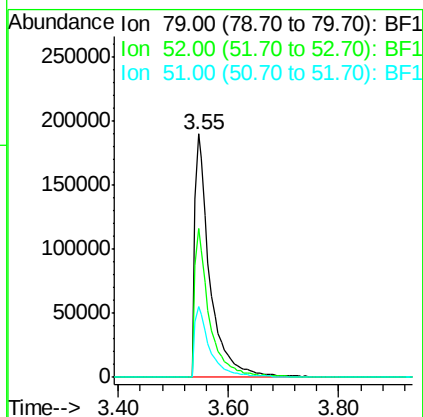
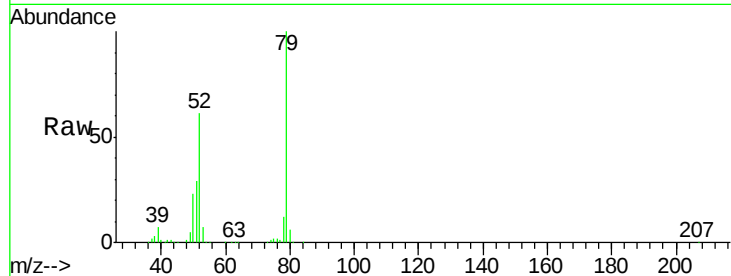




#3
 Pvridine
 Concen: 25.639 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.08 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

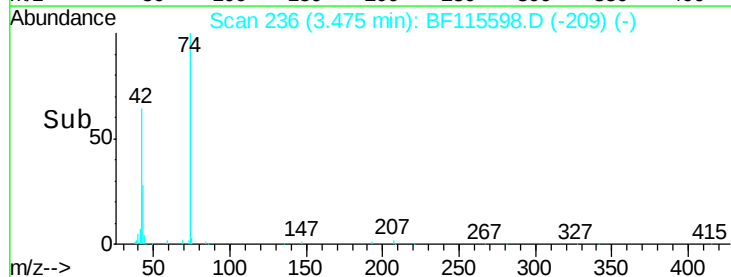
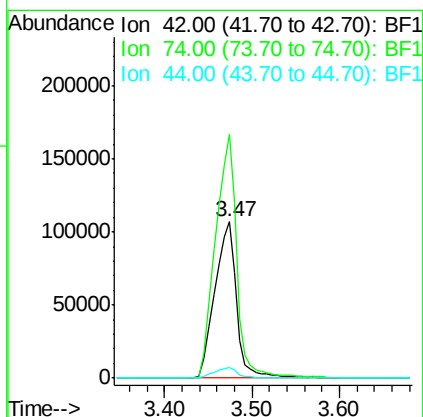
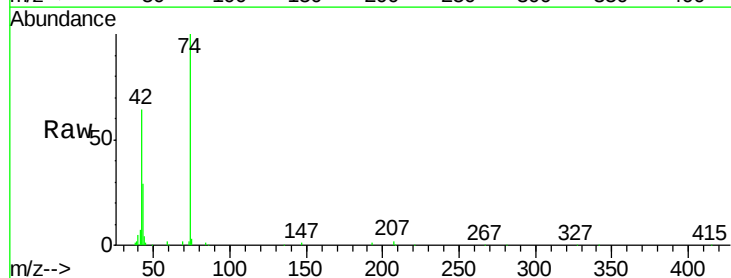
Instrument :
 BNA_F
 ClientSampled :

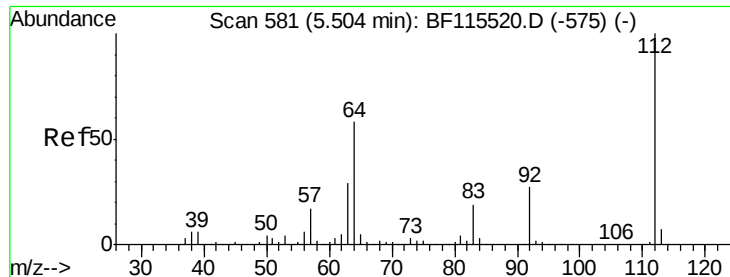
Tot Ion: 79 Resp: 362276
 Ion Ratio Lower Upper
 79 100
 52 61.2 47.8 71.6
 51 29.2 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 36.065 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.06 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion: 42 Resp: 184867
 Ion Ratio Lower Upper
 42 100
 74 156.1 127.5 191.3
 44 6.6 5.0 7.6





#5

2-Fluorophenol

Concen: 103.298 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

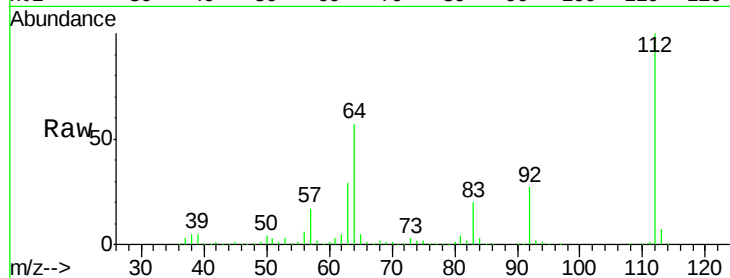
Tot Ion: 112 Resp: 1078490

Ion Ratio Lower Upper

112 100

64 57.3 46.8 70.2

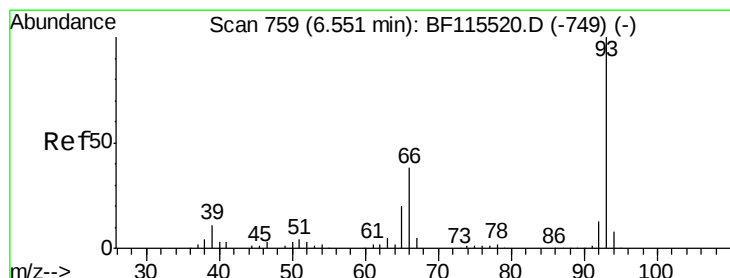
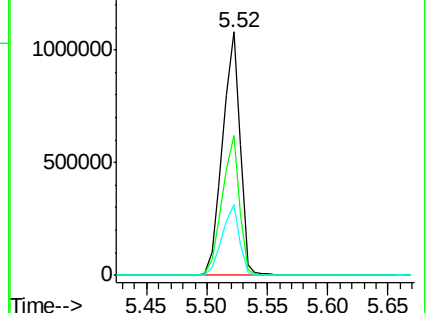
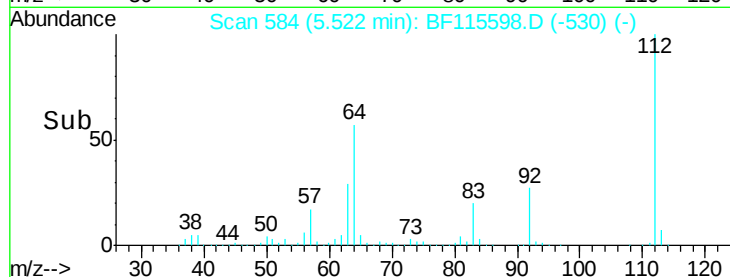
63 29.2 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF115598.D (-530) (-)

Ion 64.00 (63.70 to 64.70): BF115598.D (-530) (-)

Ion 63.00 (62.70 to 63.70): BF115598.D (-530) (-)



#6

Aniline

Concen: 9.716 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

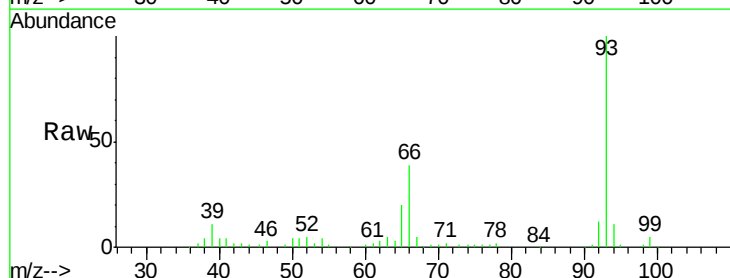
Tgt Ion: 93 Resp: 179124

Ion Ratio Lower Upper

93 100

66 39.0 31.7 47.5

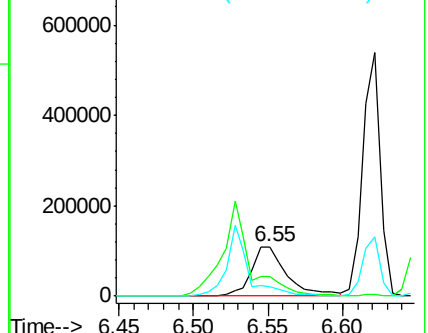
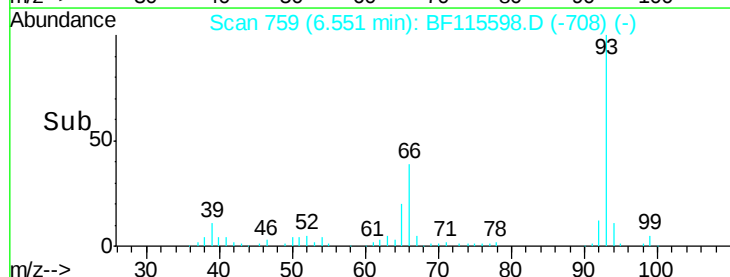
65 19.7 16.2 24.2

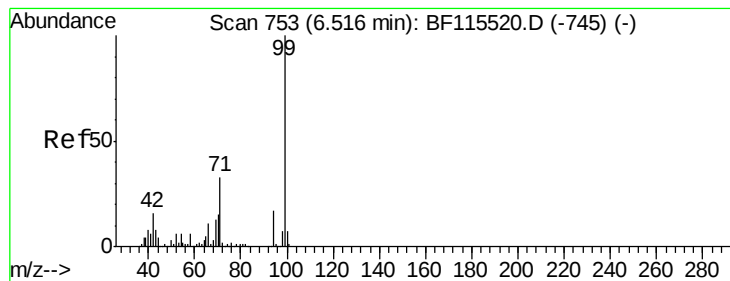


Abundance Ion 93.00 (92.70 to 93.70): BF115598.D (-708) (-)

Ion 66.00 (65.70 to 66.70): BF115598.D (-708) (-)

Ion 65.00 (64.70 to 65.70): BF115598.D (-708) (-)





#7

Phenol-d6

Concen: 98.649 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampled :

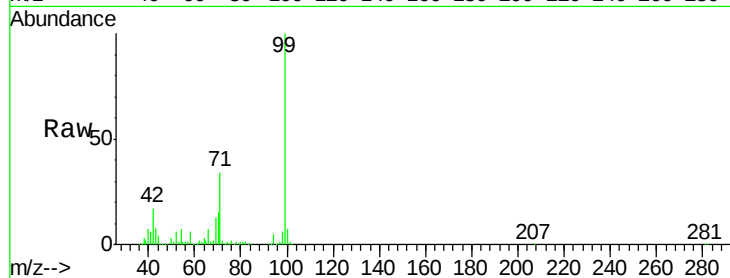
Tot Ion: 99 Resp: 1306891

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

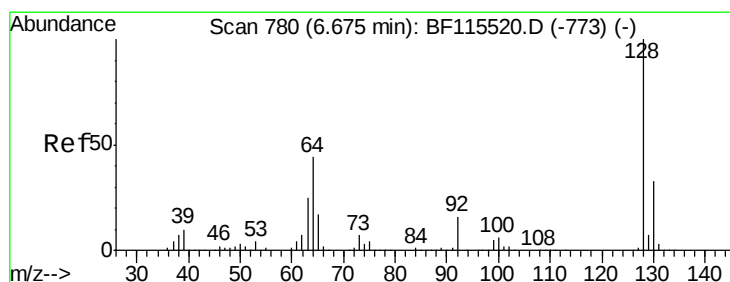
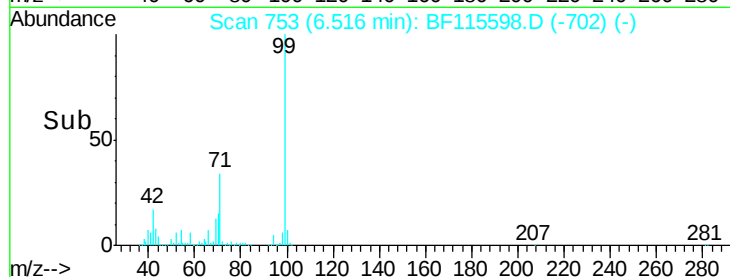
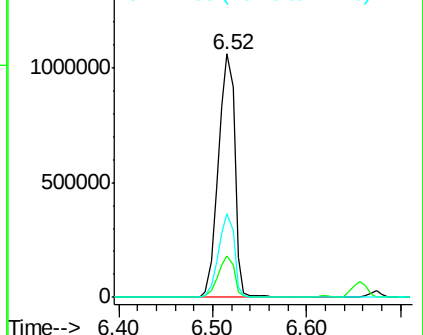
71 34.1 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.098 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

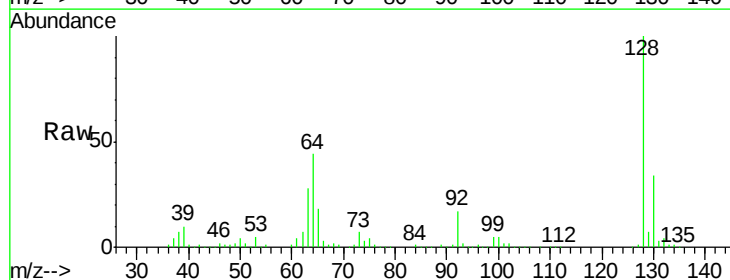
Tgt Ion: 128 Resp: 457317

Ion Ratio Lower Upper

128 100

130 33.7 12.8 52.8

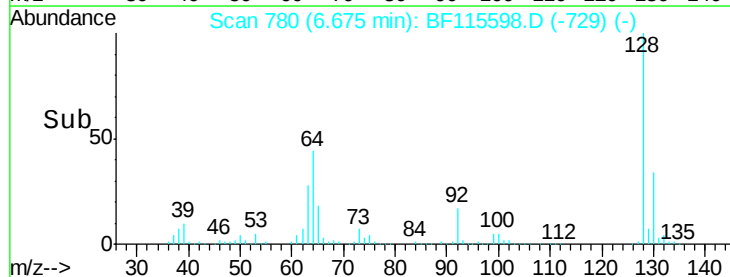
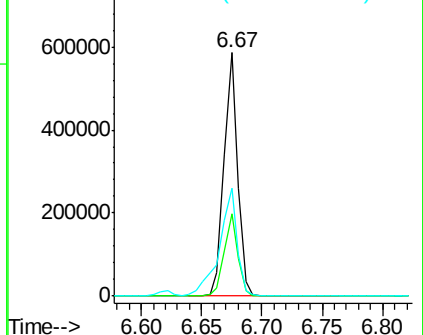
64 44.4 26.8 66.8

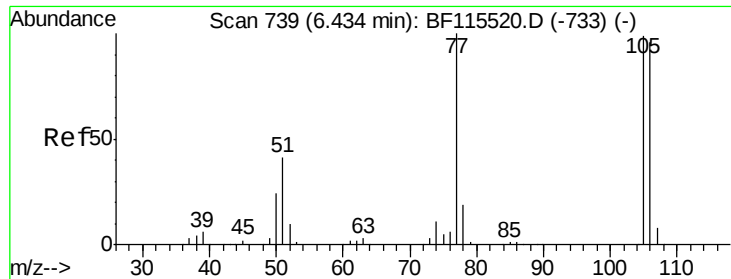


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

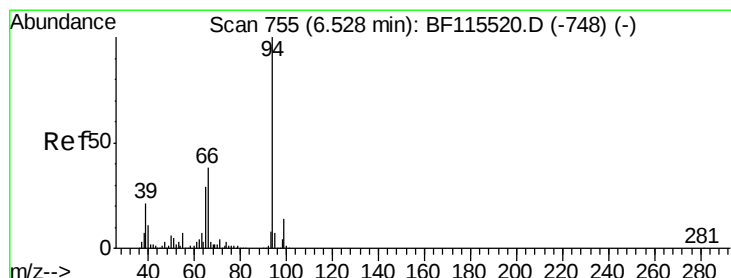
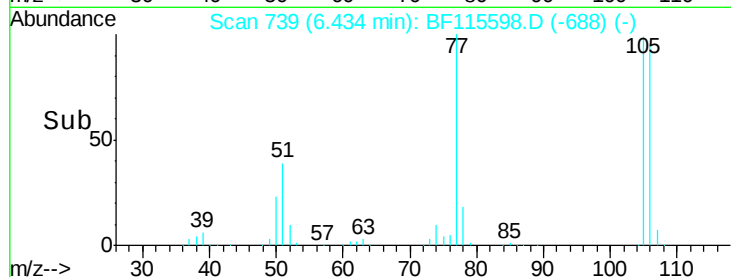
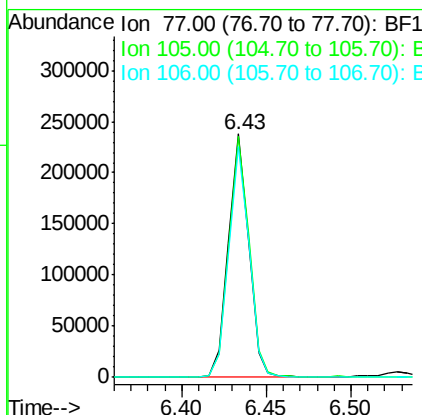
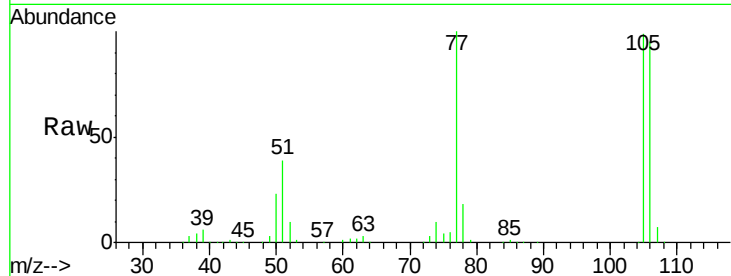




#9
Benzaldehyde
Concen: 24.075 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

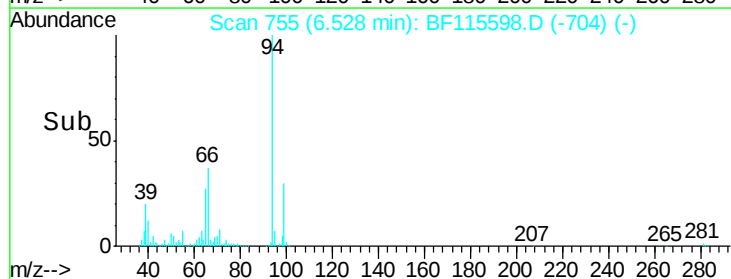
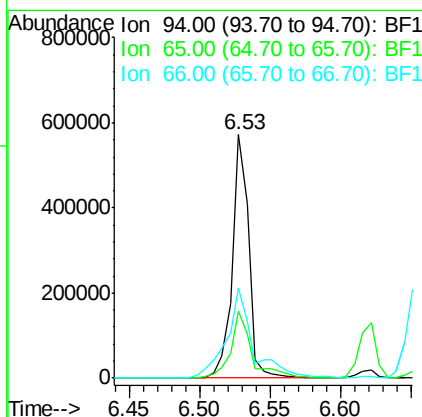
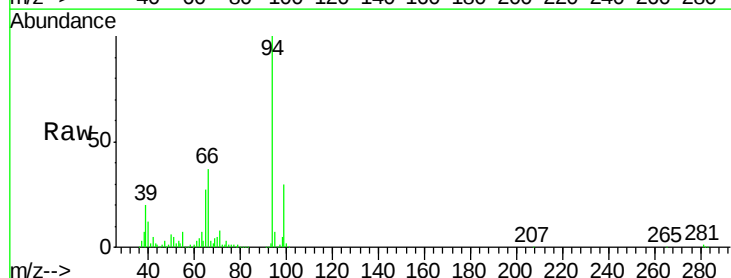
Instrument :
BNA_F
ClientSampleId :

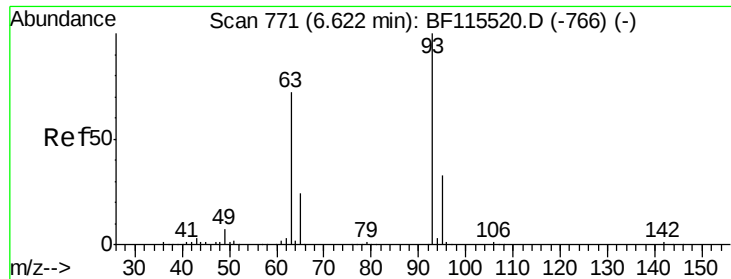
Tot Ion: 77 Resp: 199306
Ion Ratio Lower Upper
77 100
105 98.8 78.8 118.8
106 94.8 75.6 115.6



#10
Phenol
Concen: 30.338 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion: 94 Resp: 466568
Ion Ratio Lower Upper
94 100
65 27.4 14.5 54.5
66 36.8 31.3 71.3

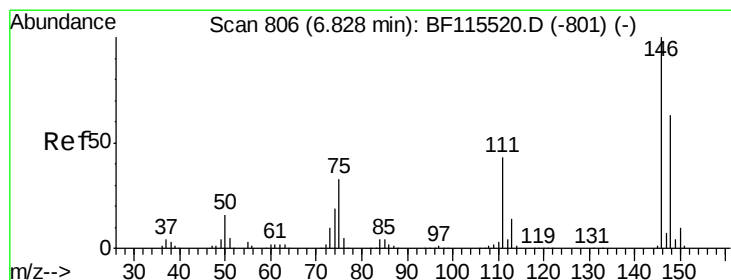
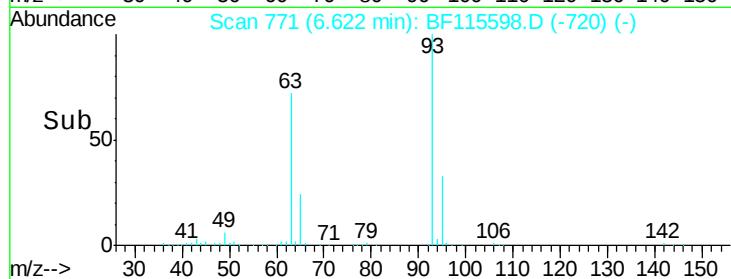
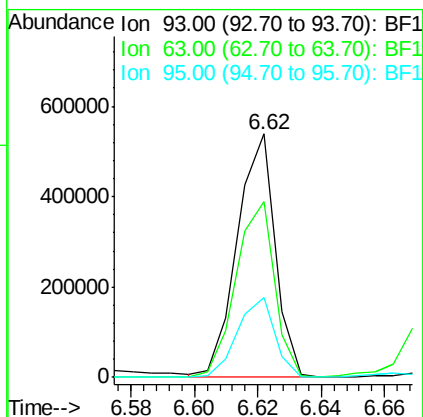
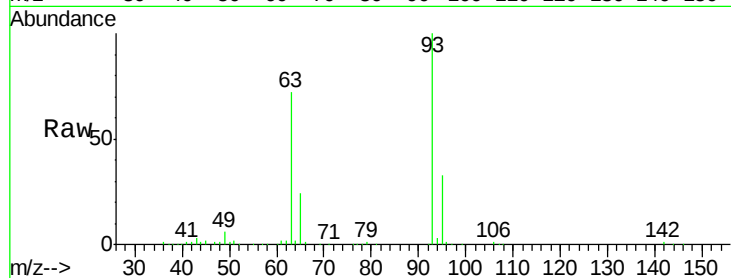




#11
bis(2-Chloroethyl)ether
Concen: 37.892 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

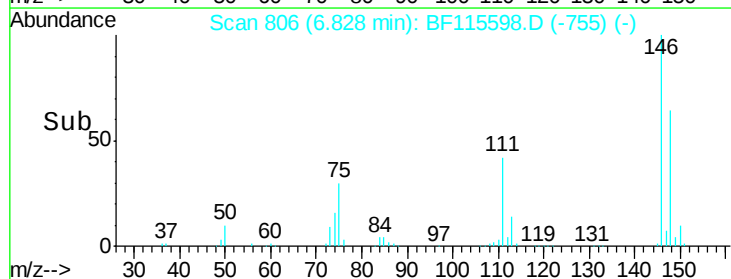
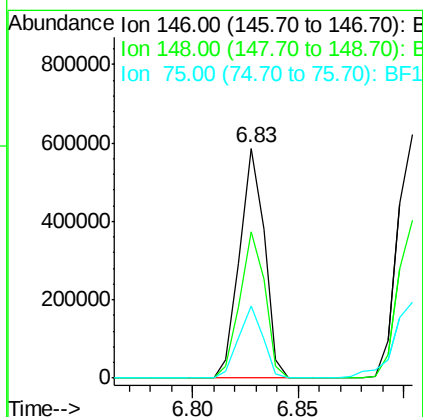
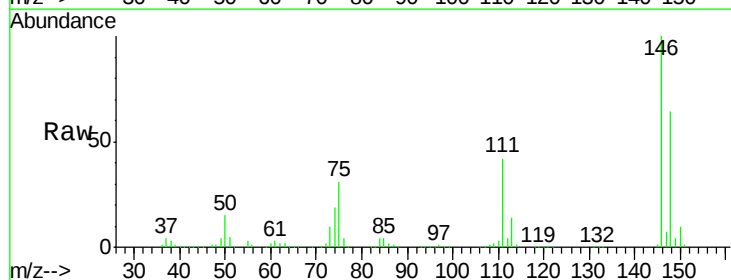
Instrument :
BNA_F
ClientSampleId :

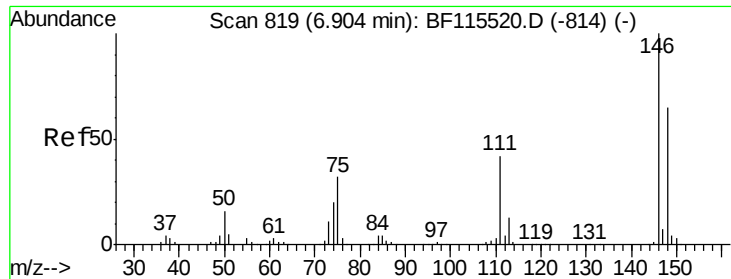
Tot Ion: 93 Resp: 443668
Ion Ratio Lower Upper
93 100
63 72.0 52.2 92.2
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 35.476 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion: 146 Resp: 478786
Ion Ratio Lower Upper
146 100
148 63.7 52.1 78.1
75 31.4 24.9 37.3

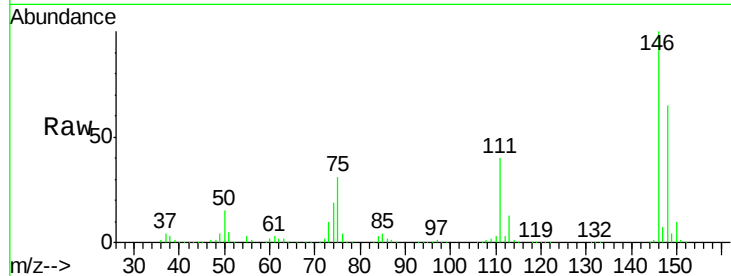




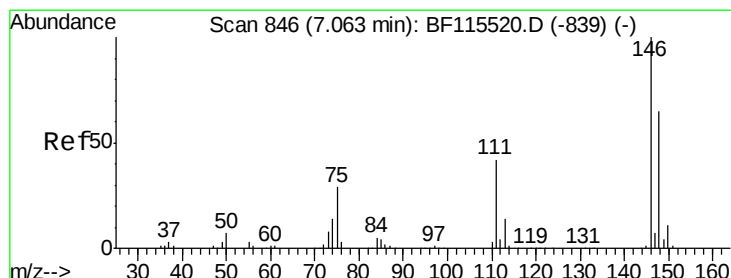
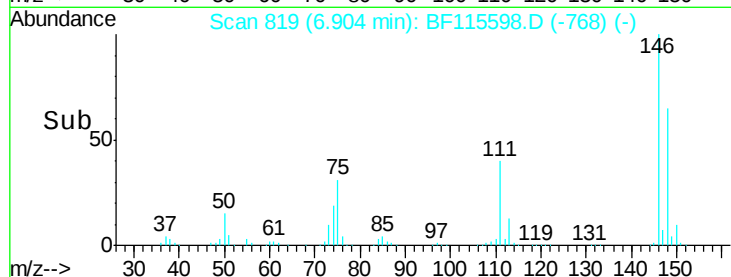
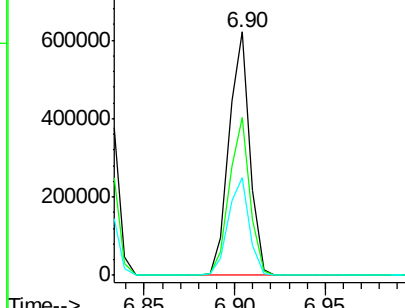
#13
 1,4-Dichlorobenzene
 Concen: 36.756 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 494946
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.8 77.6
 111 40.0 35.5 53.3

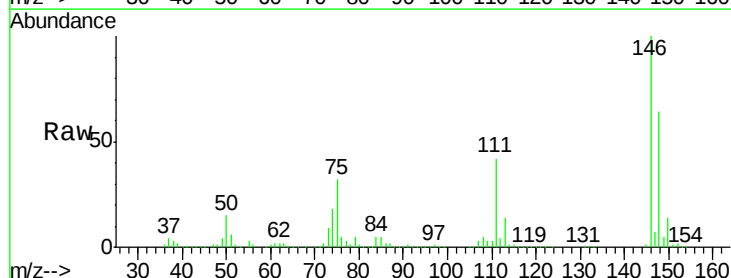


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

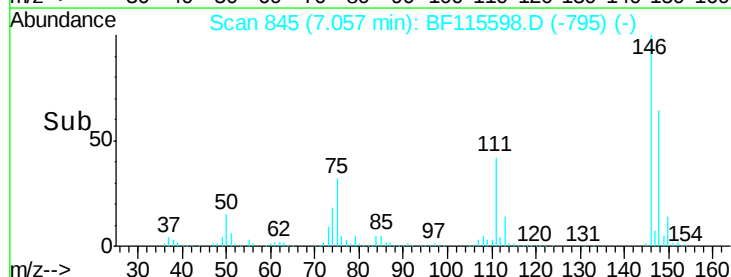
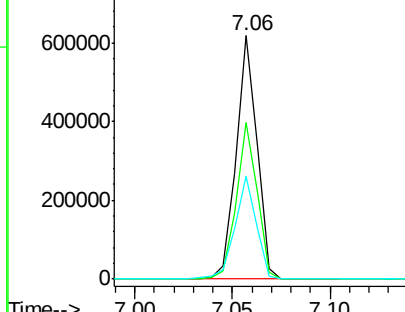


#14
 1,2-Dichlorobenzene
 Concen: 36.881 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion:146 Resp: 453988
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 42.4 37.6 56.4



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





#15

Benzyl Alcohol

Concen: 37.469 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampled :

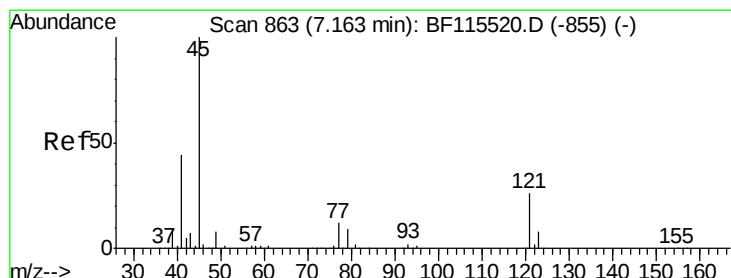
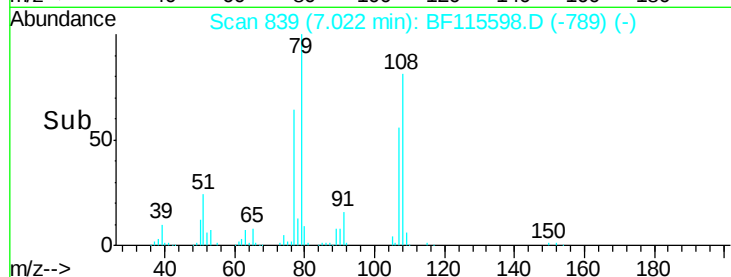
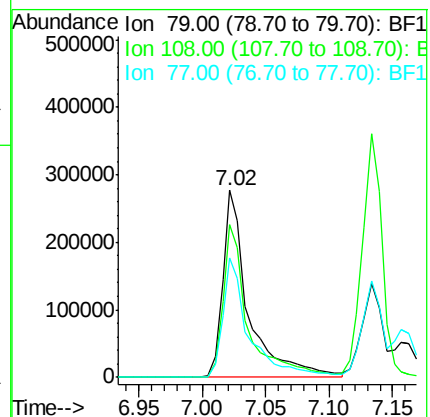
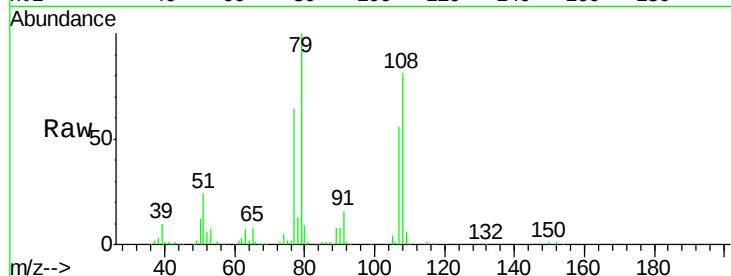
Tot Ion: 79 Resp: 393769

Ion Ratio Lower Upper

79 100

108 81.5 64.2 96.4

77 63.7 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.756 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

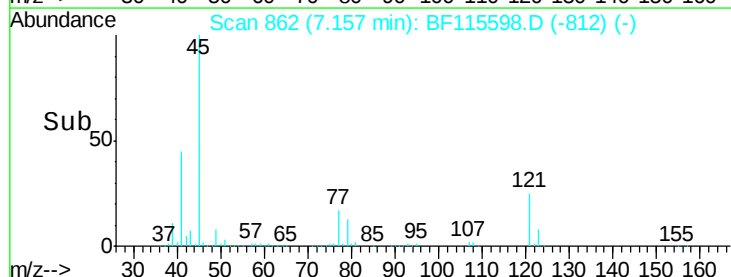
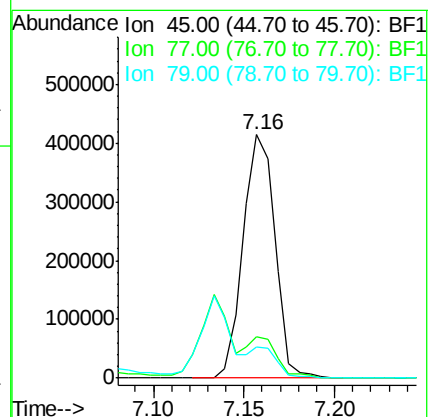
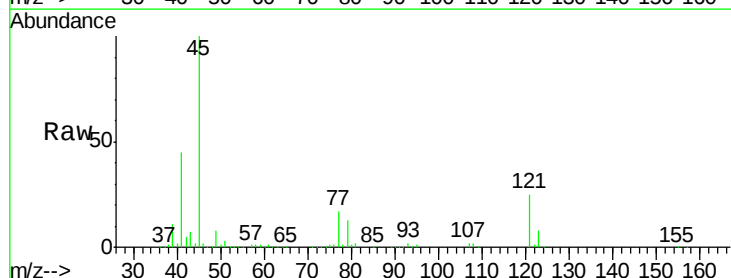
Tgt Ion: 45 Resp: 504930

Ion Ratio Lower Upper

45 100

77 17.2 0.0 38.1

79 12.5 0.0 34.1

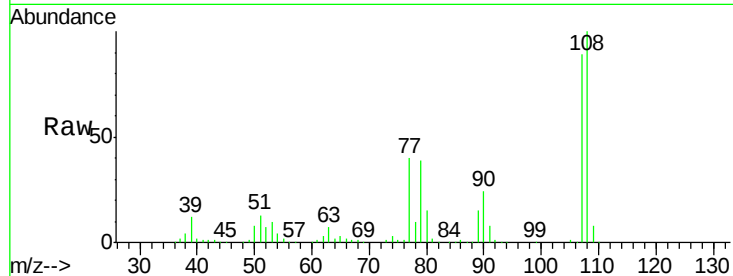




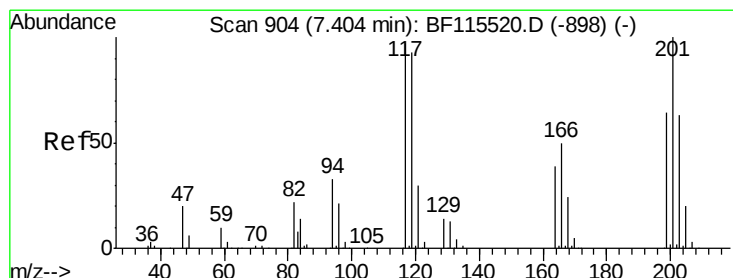
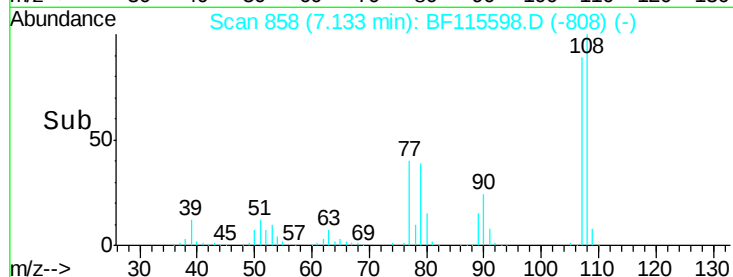
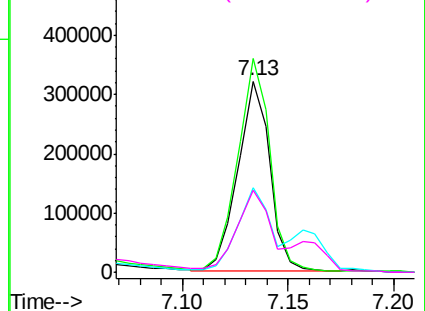
#17
2-Methylphenol
Concen: 32.361 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 334764
Ion Ratio Lower Upper
107 100
108 112.0 89.4 134.2
77 44.2 35.7 53.5
79 43.3 35.0 52.4

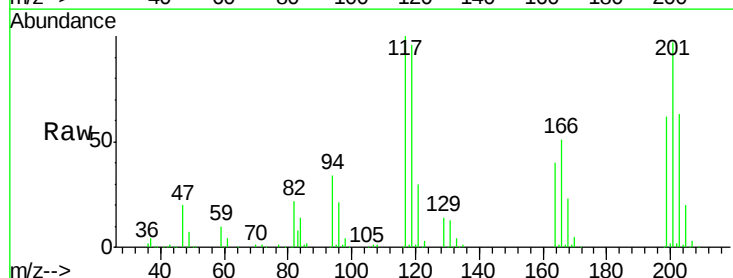


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

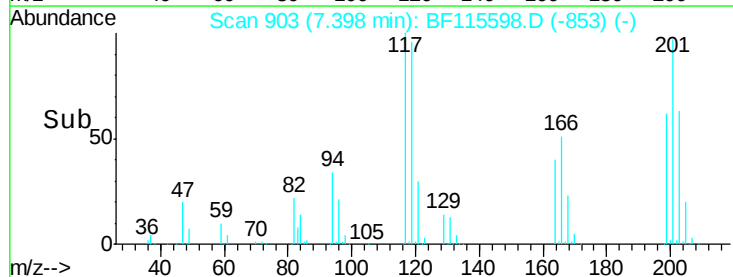
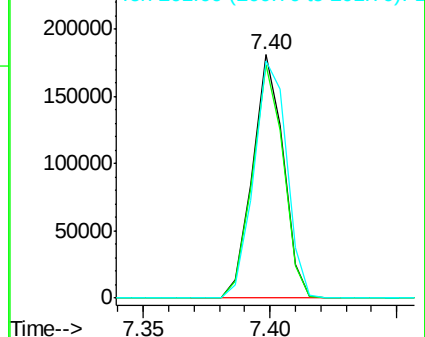


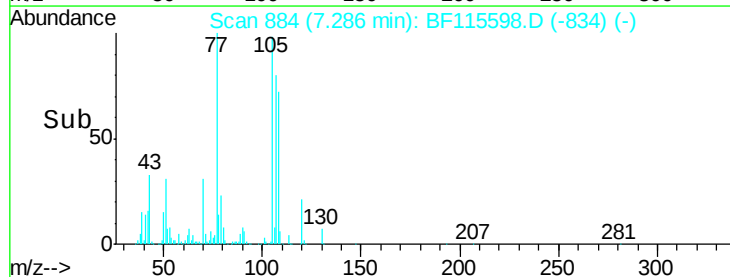
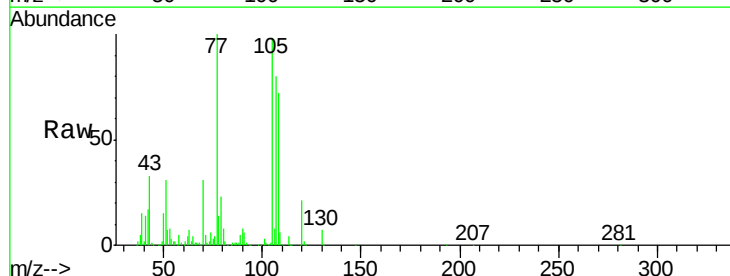
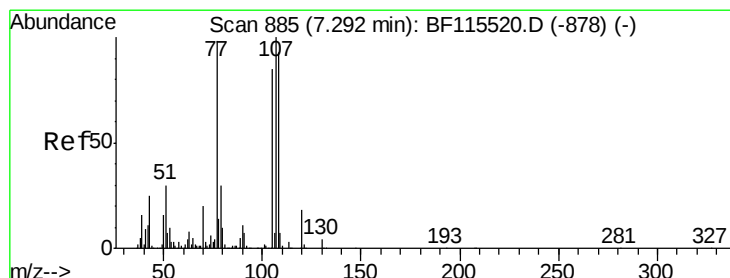
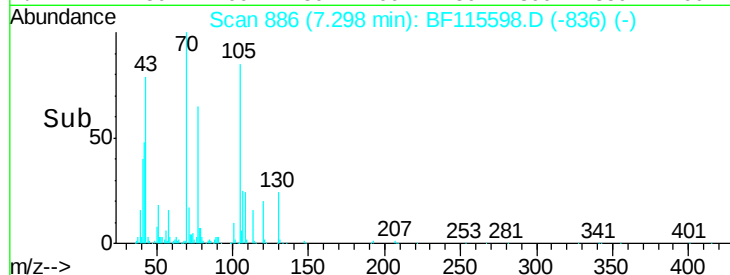
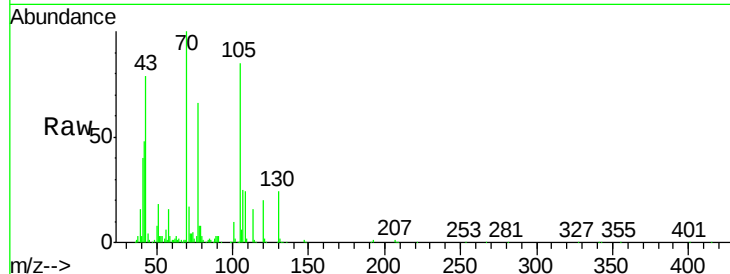
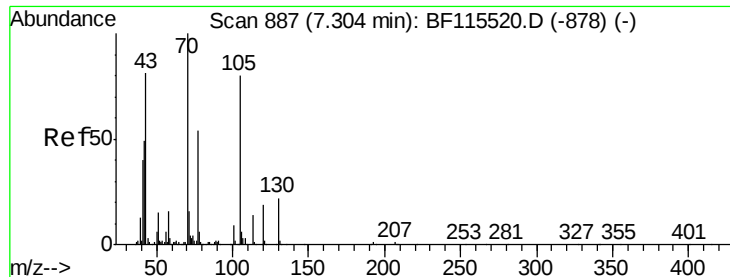
#18
Hexachloroethane
Concen: 30.701 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:117 Resp: 153444
Ion Ratio Lower Upper
117 100
119 95.9 77.7 116.5
201 97.3 86.0 129.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

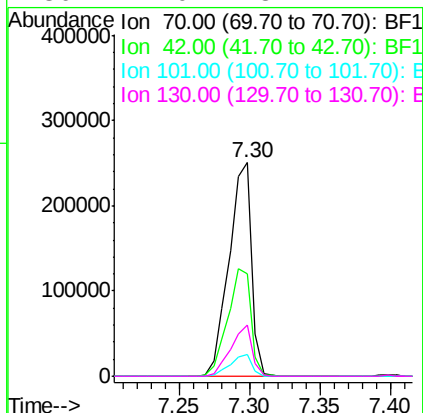




#19
n-Nitroso-di-n-propylamine
Concen: 32.250 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

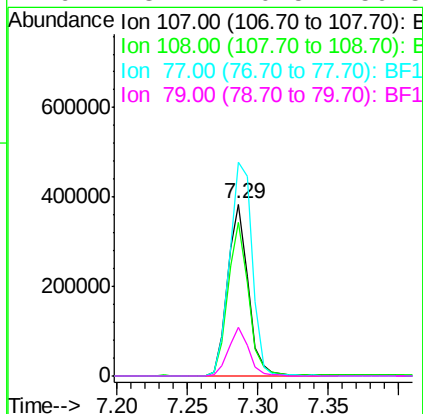
Instrument :
BNA_F
ClientSampleId :

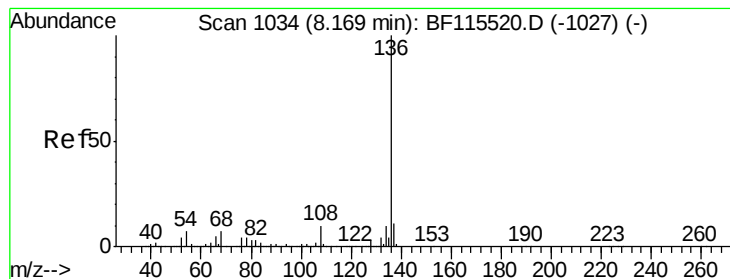
Tot Ion:	70	Resp:	278642
Ion	Ratio	Lower	Upper
70	100		
42	48.0	39.6	59.4
101	10.0	8.1	12.1
130	24.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 31.495 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:	107	Resp:	386994
Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.9	112.9
77	124.4	77.6	117.6#
79	28.4	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 574511

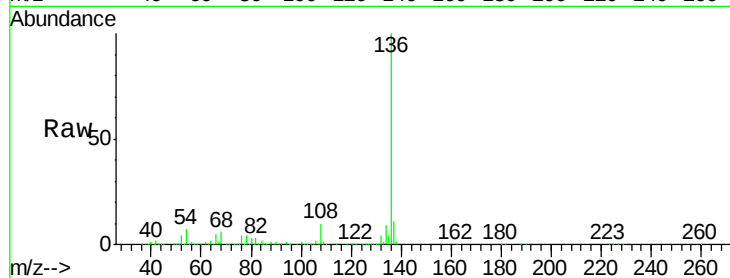
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.9 5.6 8.4

68 6.2 5.0 7.6

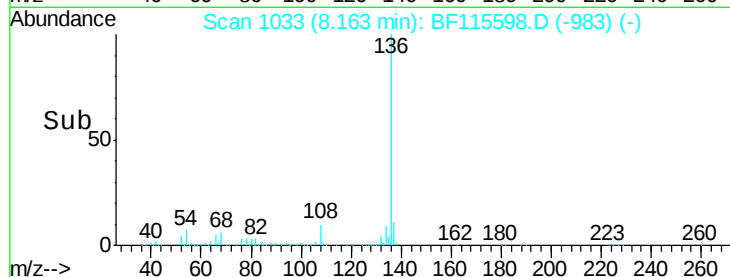


Abundance Ion 136.00 (135.70 to 136.70): E

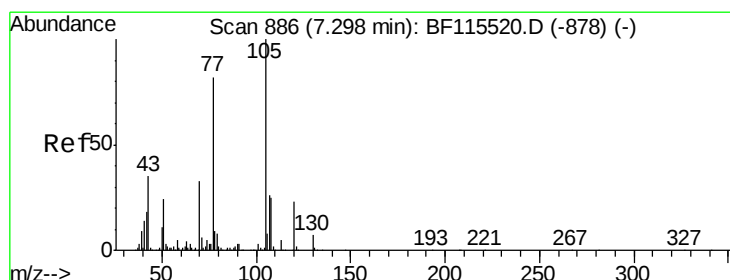
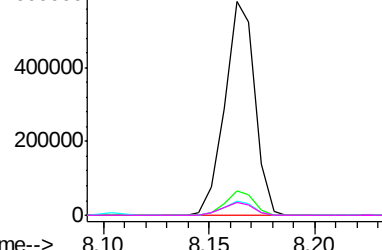
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 42.641 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion:105 Resp: 553433

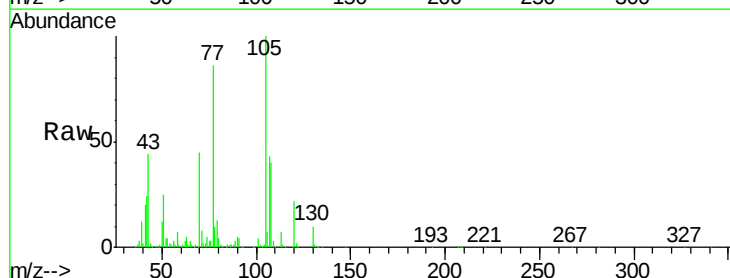
Ion Ratio Lower Upper

105 100

71 7.7 3.5 5.3#

51 25.1 25.6 38.4#

120 21.9 17.9 26.9

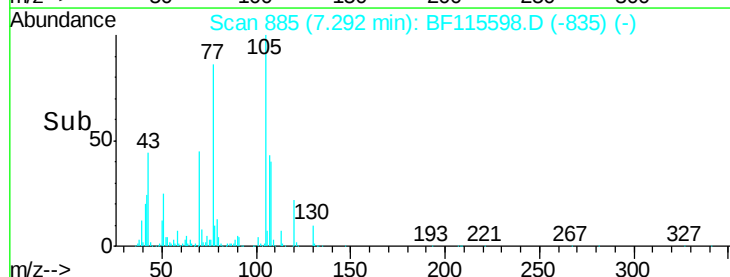


Abundance Ion 105.00 (104.70 to 105.70): E

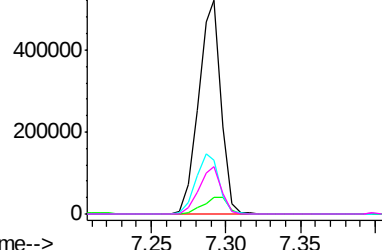
Ion 71.00 (70.70 to 71.70): BF1

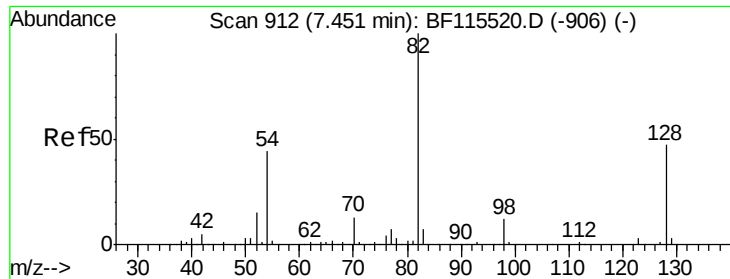
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

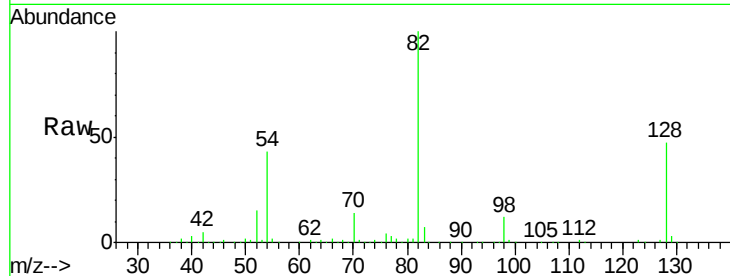




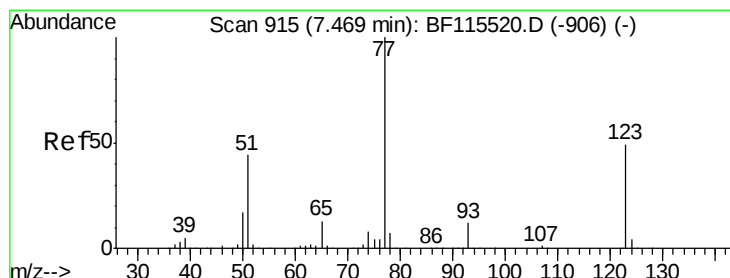
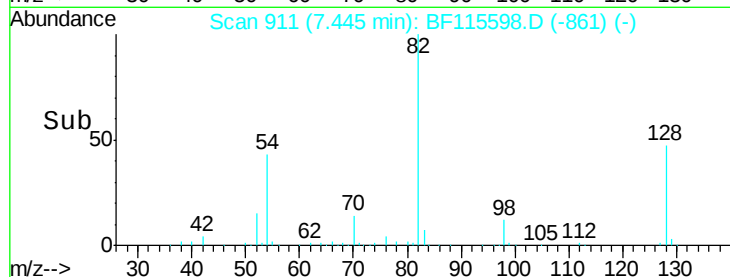
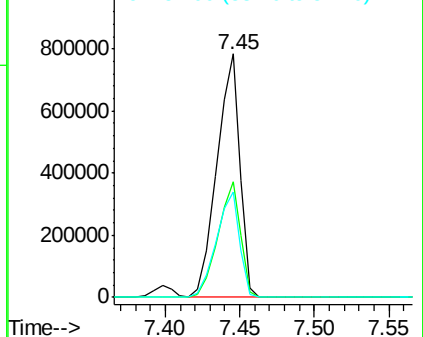
#23
 Nitrobenzene-d5
 Concen: 85.434 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 844122
 Ion Ratio Lower Upper
 82 100
 128 47.3 38.6 57.8
 54 43.3 35.6 53.4

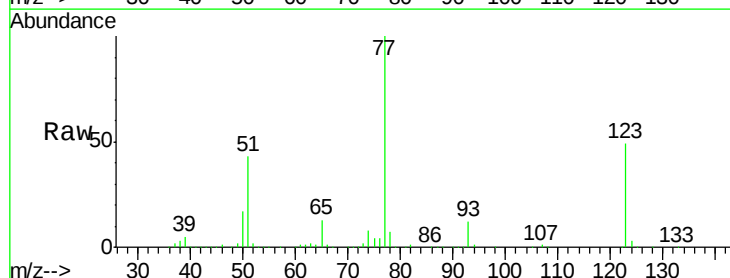


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

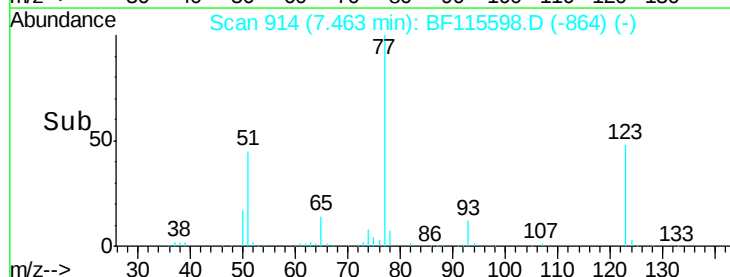
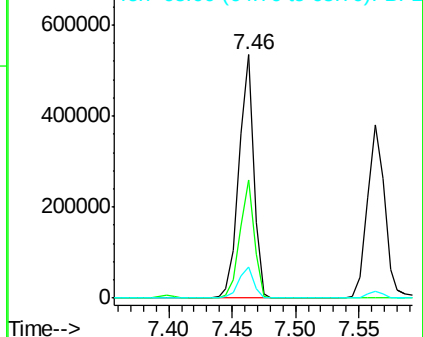


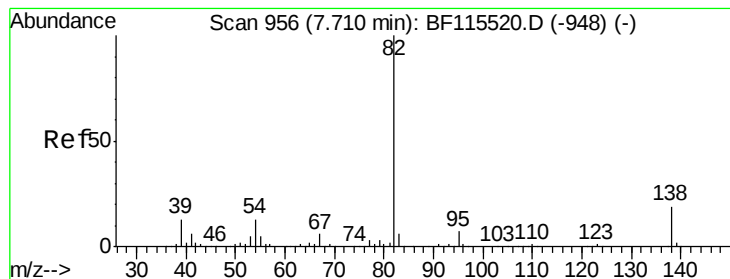
#24
 Nitrobenzene
 Concen: 39.878 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion: 77 Resp: 424975
 Ion Ratio Lower Upper
 77 100
 123 48.5 40.0 60.0
 65 13.0 11.0 16.4



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





#25

Isophorone

Concen: 39.215 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampled :

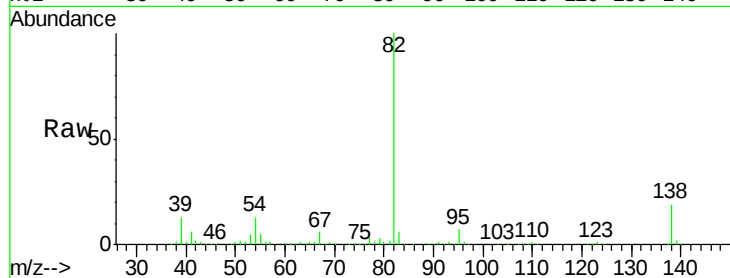
Tot Ion: 82 Resp: 775307

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

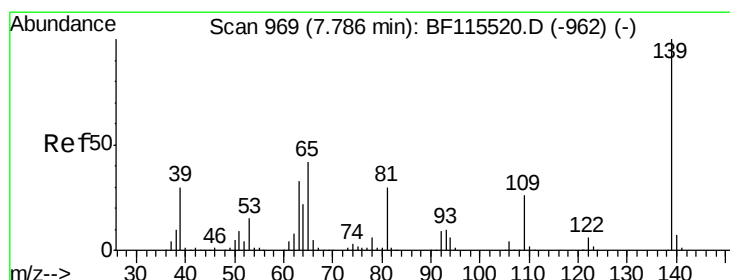
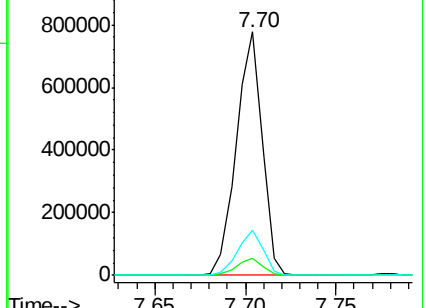
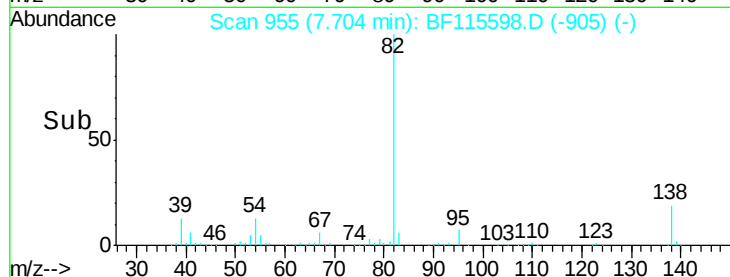
138 18.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.733 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

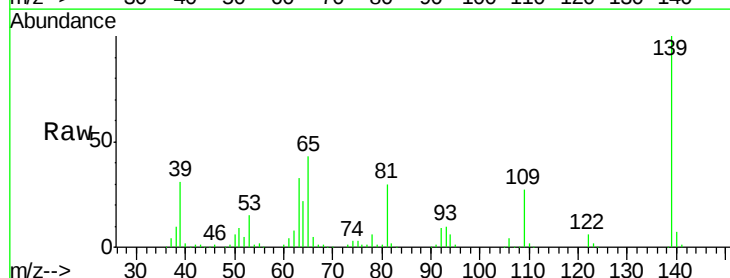
Tgt Ion: 139 Resp: 217947

Ion Ratio Lower Upper

139 100

109 27.1 23.3 34.9

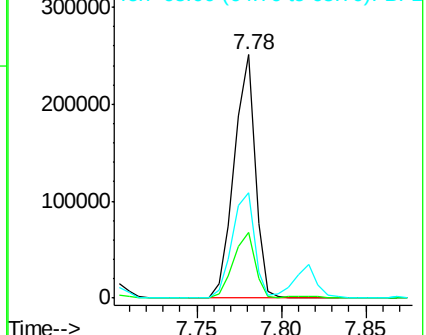
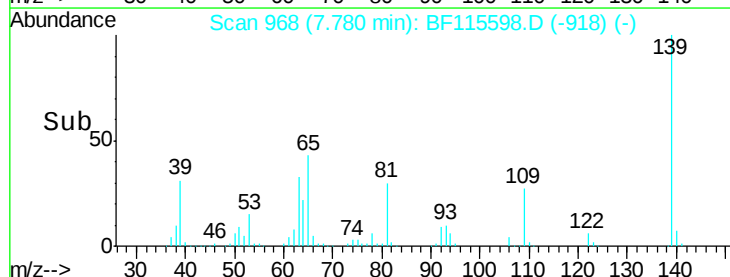
65 43.2 37.9 56.9

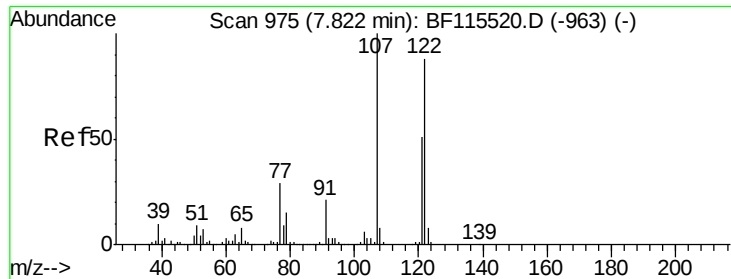


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

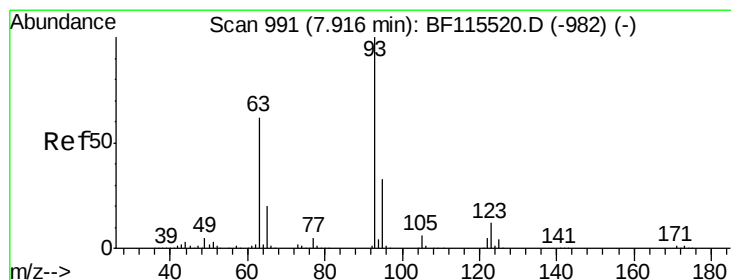
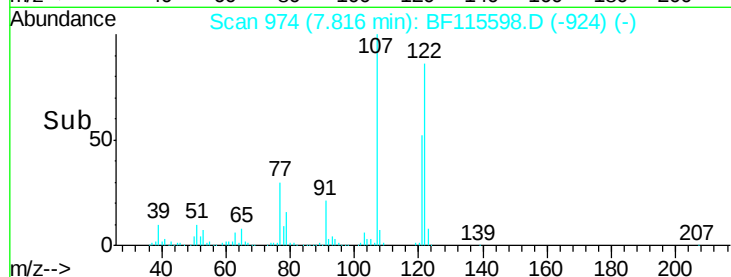
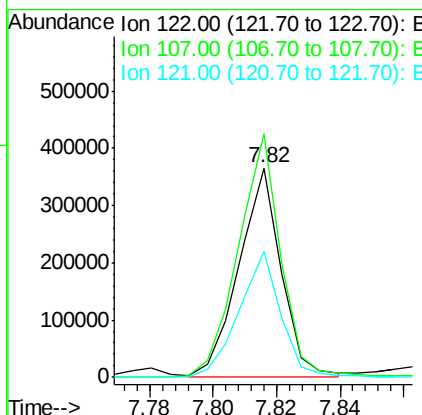
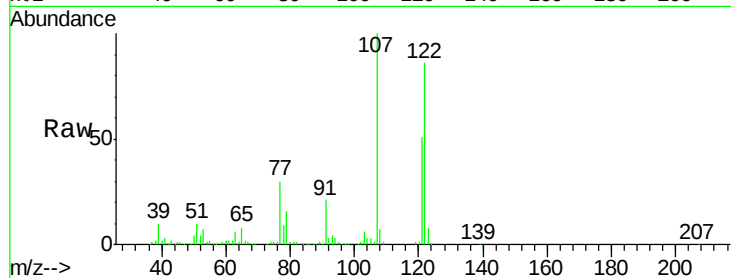




#27
2,4-Dimethylphenol
Concen: 41.159 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

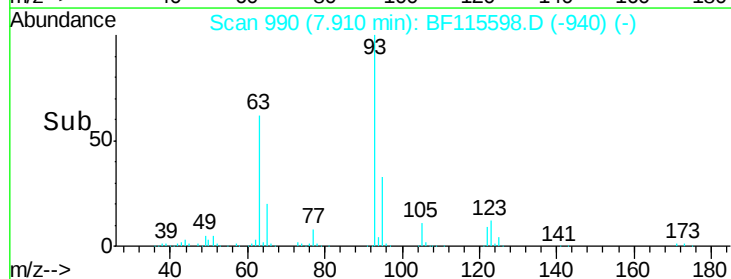
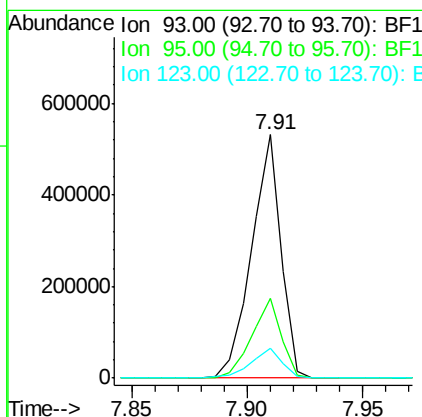
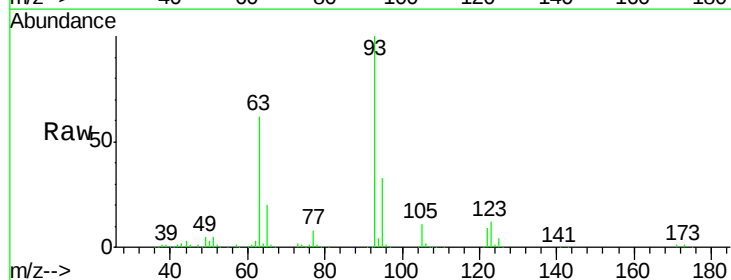
Instrument :
BNA_F
ClientSampleId :

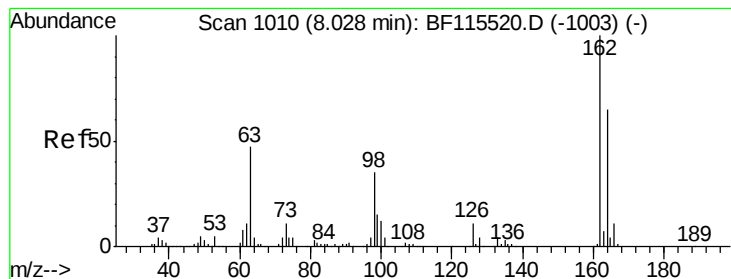
Tot Ion:122 Resp: 337801
Ion Ratio Lower Upper
122 100
107 116.2 92.9 139.3
121 59.8 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.123 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion: 93 Resp: 474516
Ion Ratio Lower Upper
93 100
95 32.9 27.0 40.4
123 12.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.844 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampled :

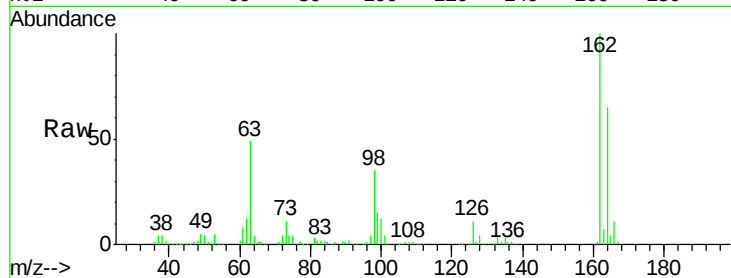
Tot Ion:162 Resp: 348626

Ion Ratio Lower Upper

162 100

164 65.3 44.9 84.9

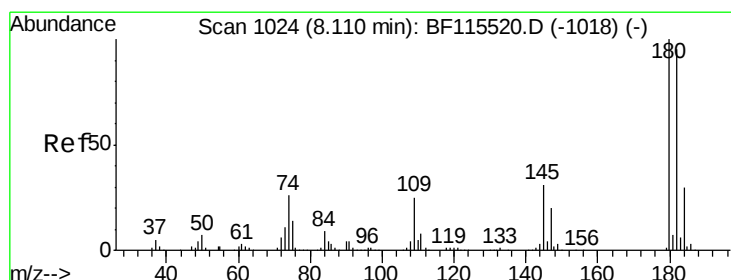
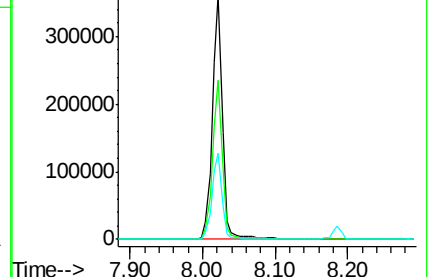
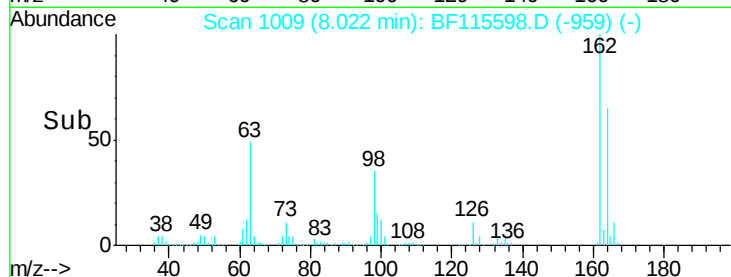
98 35.2 17.7 57.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.056 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

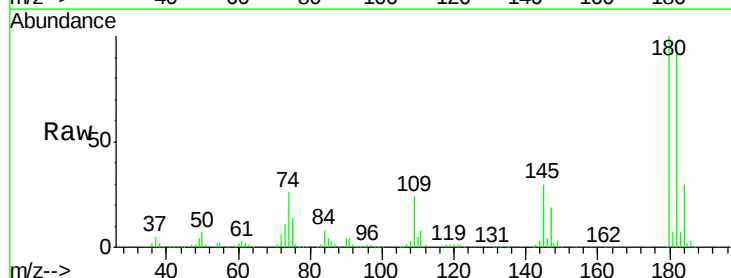
Tgt Ion:180 Resp: 376828

Ion Ratio Lower Upper

180 100

182 95.0 75.0 112.6

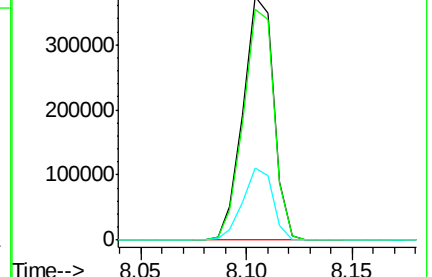
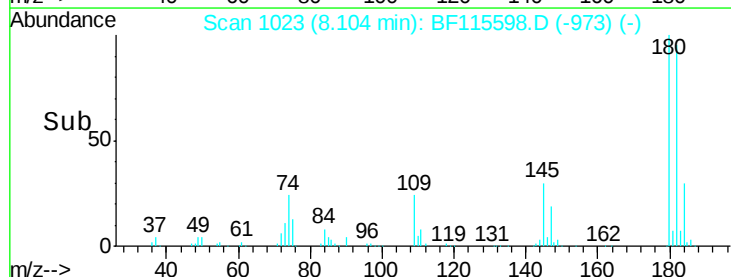
145 29.7 25.1 37.7

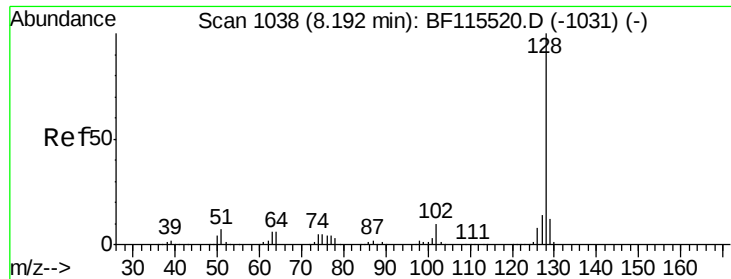


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

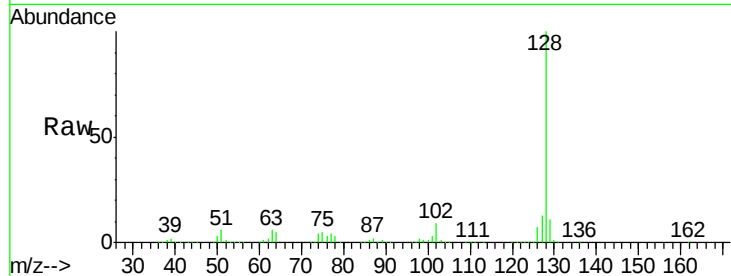




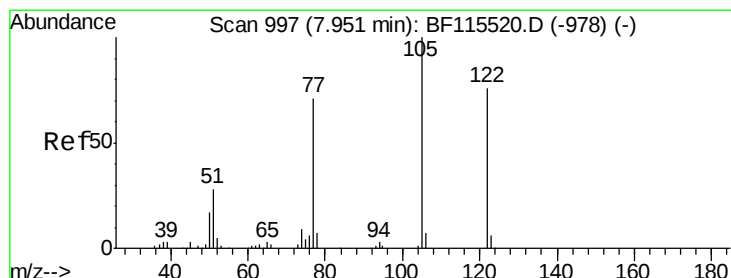
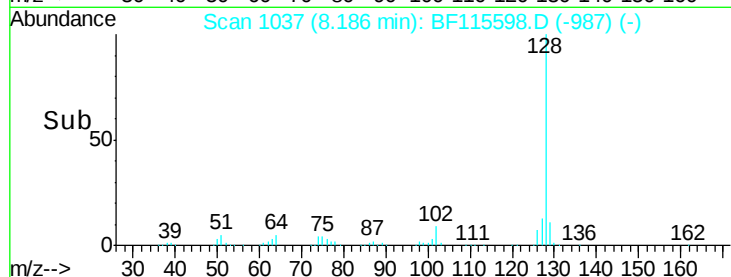
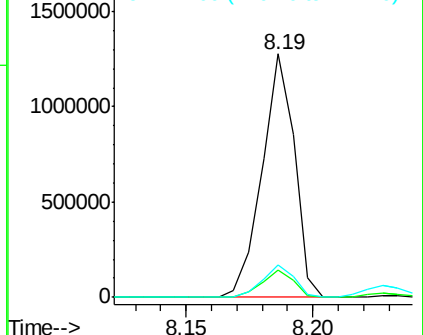
#31
Naphthalene
Concen: 41.224 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1147018
Ion Ratio Lower Upper
128 100
129 11.4 9.9 14.9
127 13.4 12.1 18.1

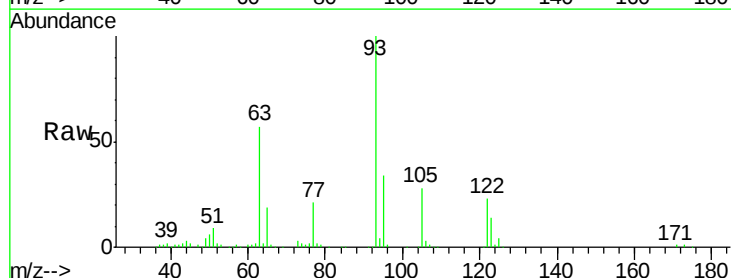


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

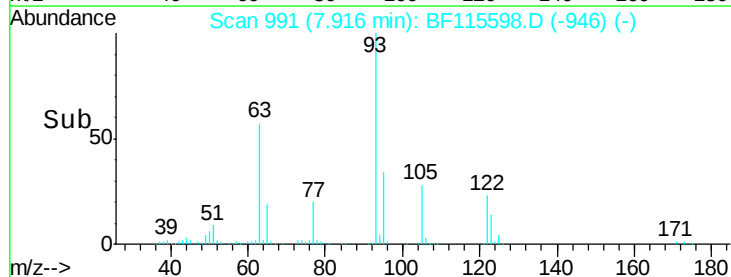
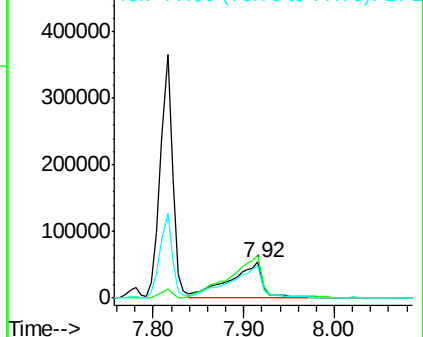


#32
Benzoic acid
Concen: 20.286 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.04 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:122 Resp: 136633
Ion Ratio Lower Upper
122 100
105 121.2 102.5 142.5
77 91.6 70.2 110.2



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

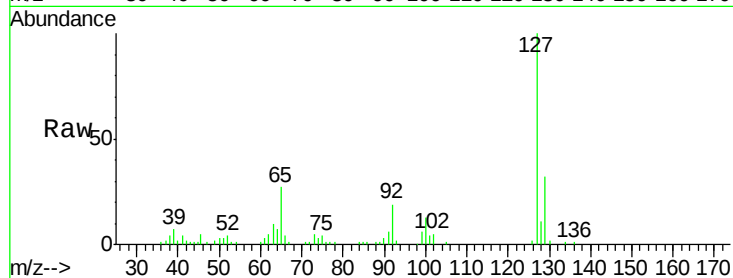




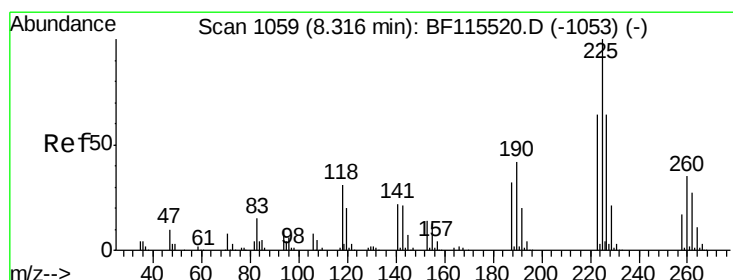
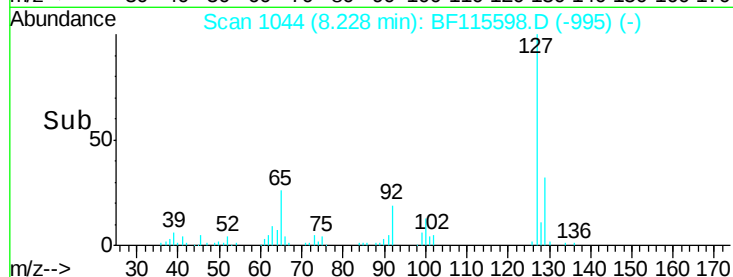
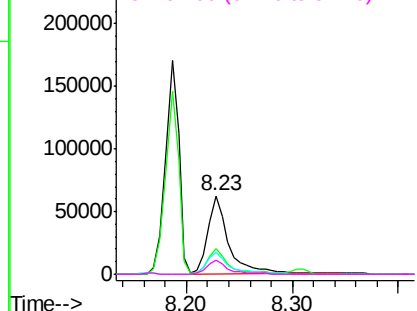
#33
4-Chloroaniline
Concen: 6.925 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	85344
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	27.2	23.7	35.5
92	18.8	15.8	23.8

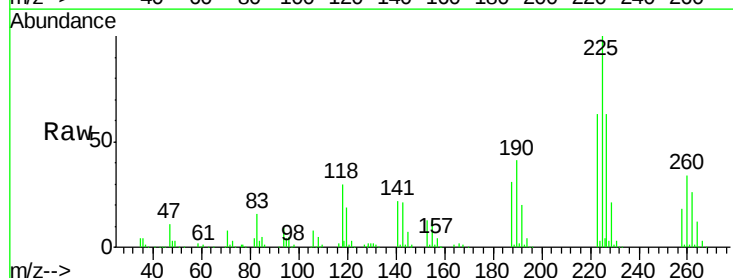


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

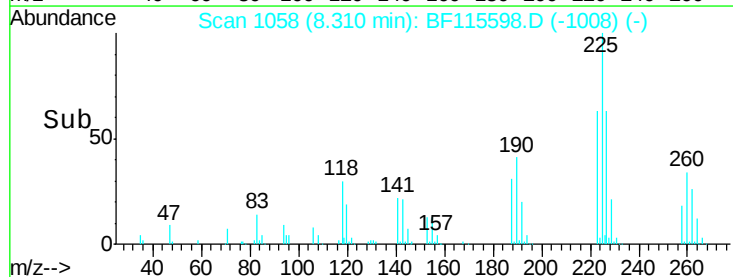
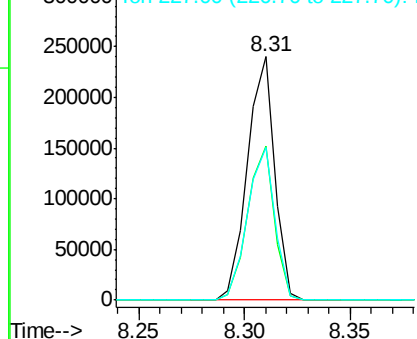


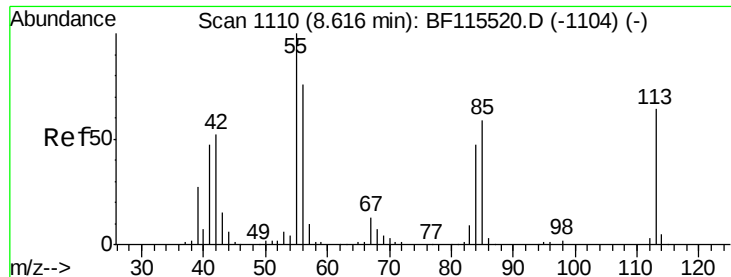
#34
Hexachlorobutadiene
Concen: 38.896 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:	225	Resp:	215208
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	63.0	50.7	76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

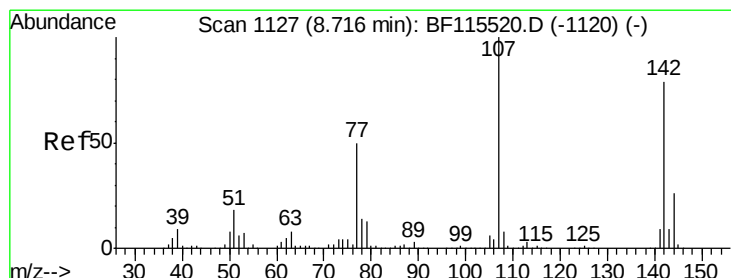
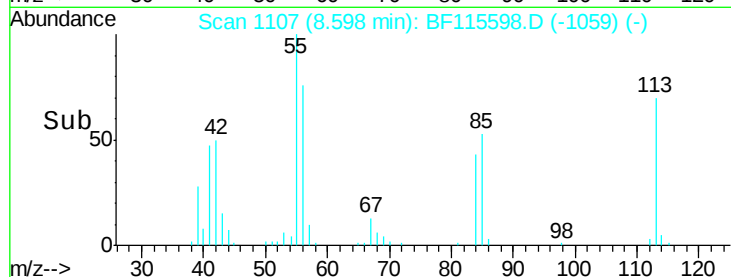
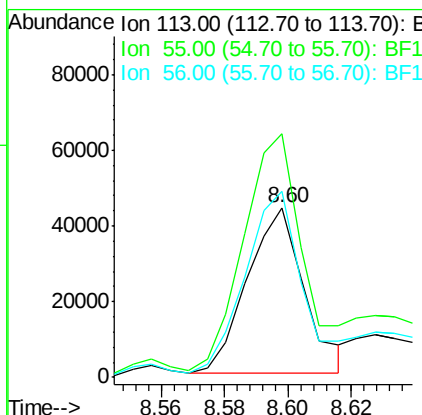
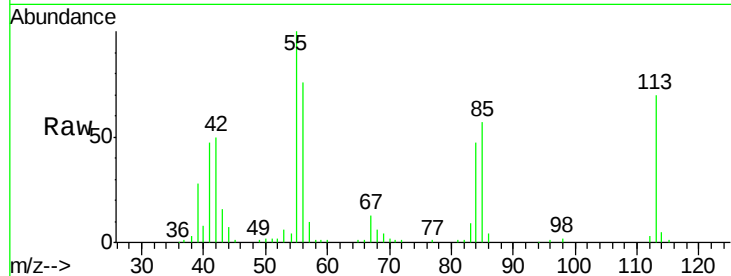




#35
 Caprolactam
 Concen: 20.765 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

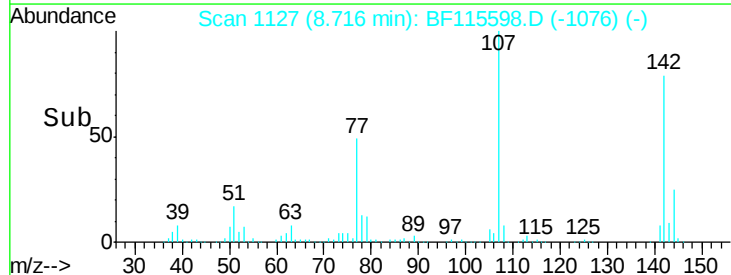
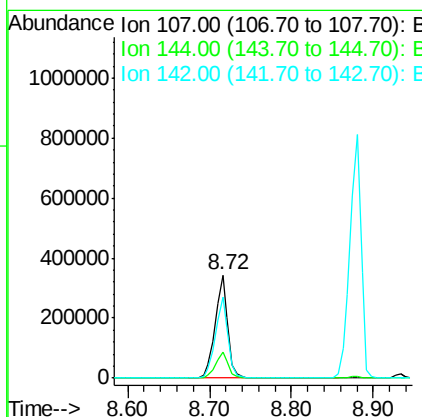
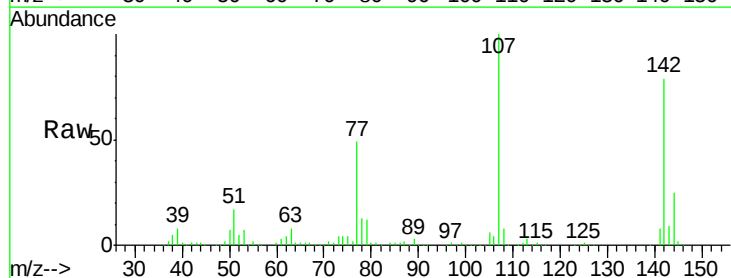
Instrument :
 BNA_F
 ClientSampleId :

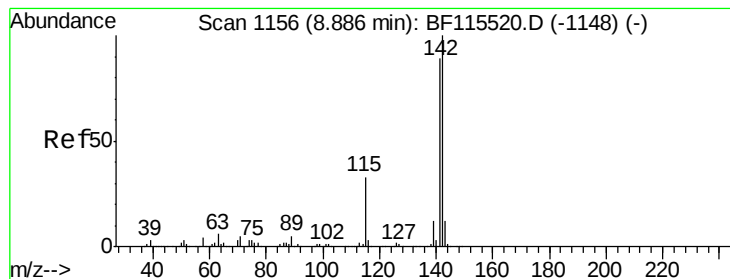
Tot Ion:113 Resp: 54770
 Ion Ratio Lower Upper
 113 100
 55 143.4 126.9 166.9
 56 109.6 90.3 130.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.932 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion:107 Resp: 371268
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 30.8
 142 79.1 63.1 94.7





#37

2-Methylnaphthalene

Concen: 42.210 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

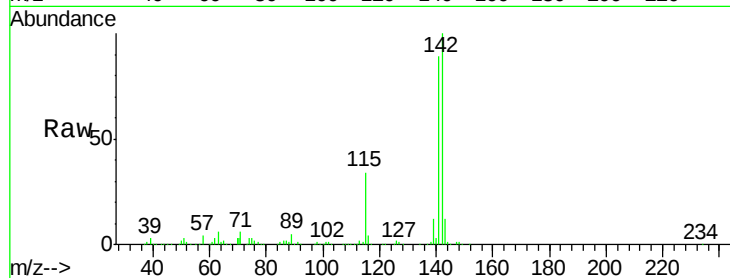
Tot Ion:142 Resp: 778504

Ion Ratio Lower Upper

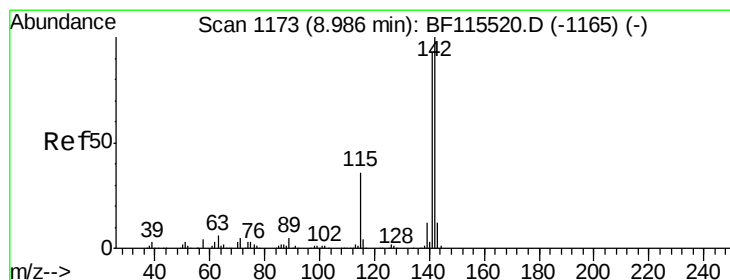
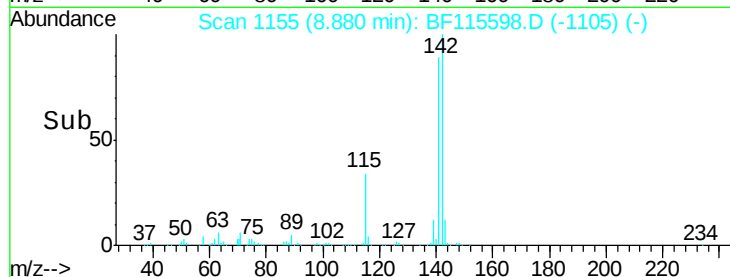
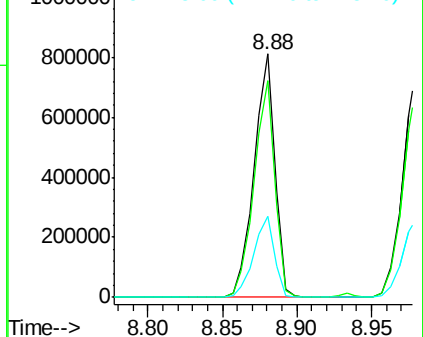
142 100

141 89.0 72.0 108.0

115 33.5 29.9 44.9



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



#38

1-Methylnaphthalene

Concen: 41.531 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

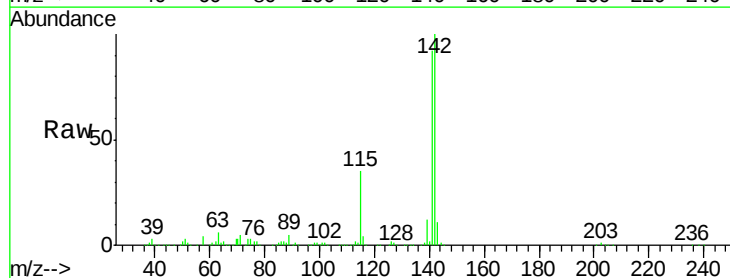
Tgt Ion:142 Resp: 727551

Ion Ratio Lower Upper

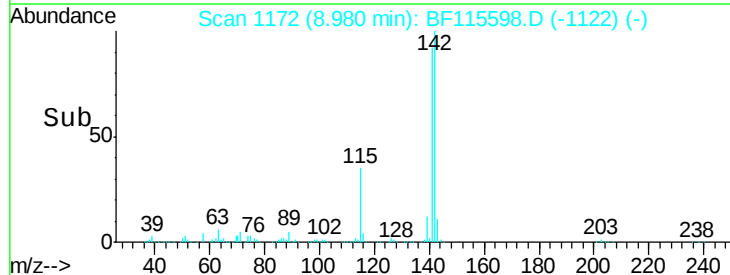
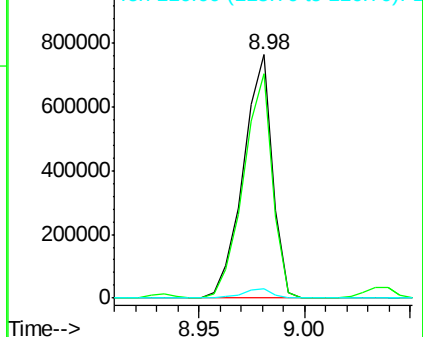
142 100

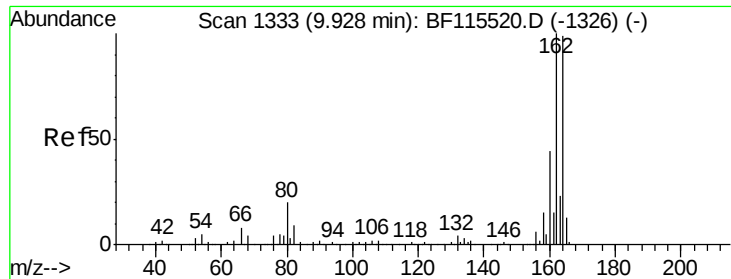
141 92.0 75.3 112.9

116 3.7 3.3 4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

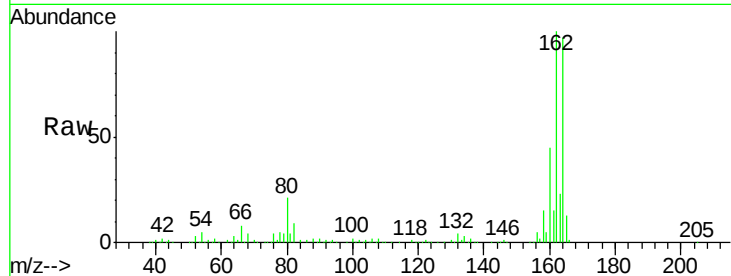




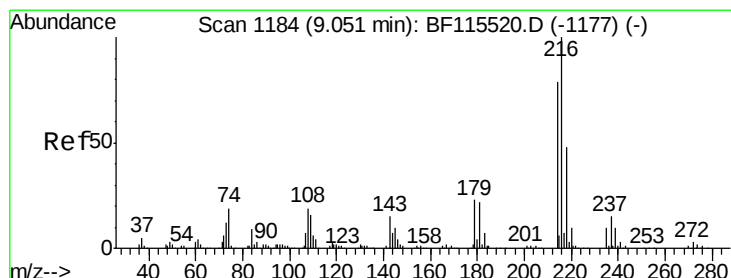
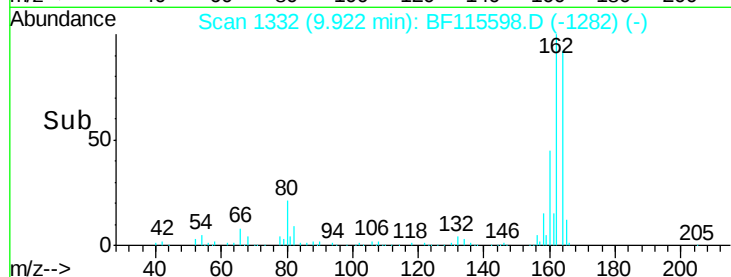
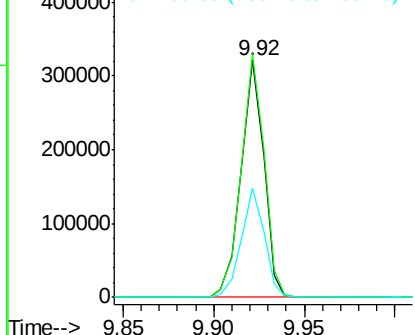
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 282242
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.9 124.3
 160 46.2 36.8 55.2

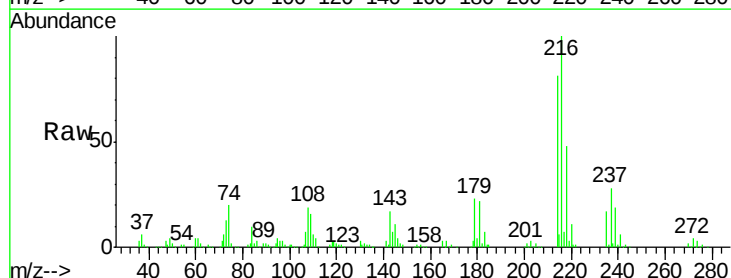


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

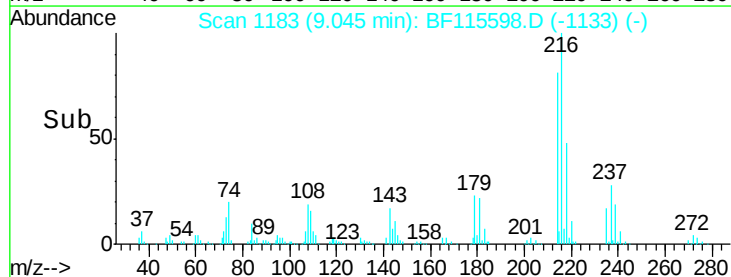
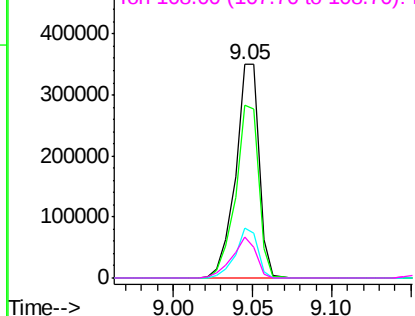


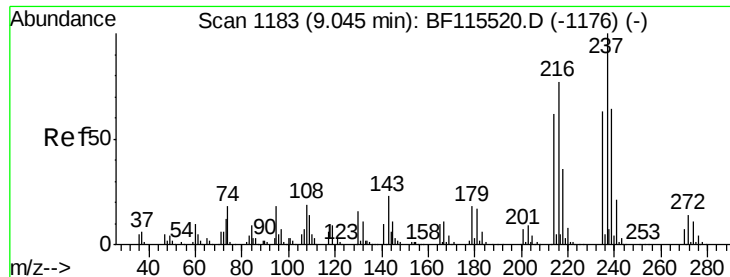
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.180 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion:216 Resp: 358499
 Ion Ratio Lower Upper
 216 100
 214 79.9 65.1 97.7
 179 22.0 18.3 27.5
 108 19.6 15.7 23.5



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

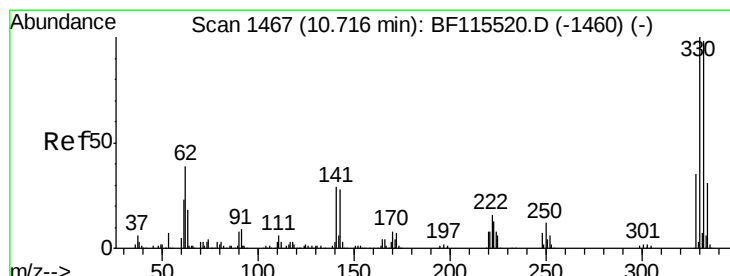
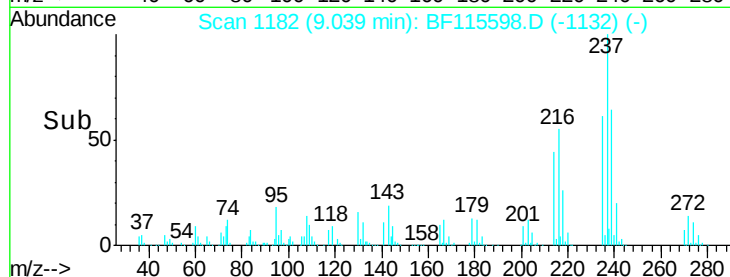
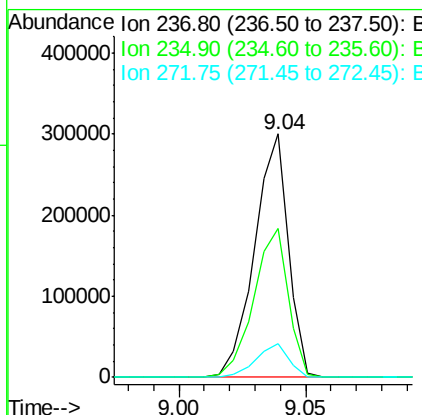
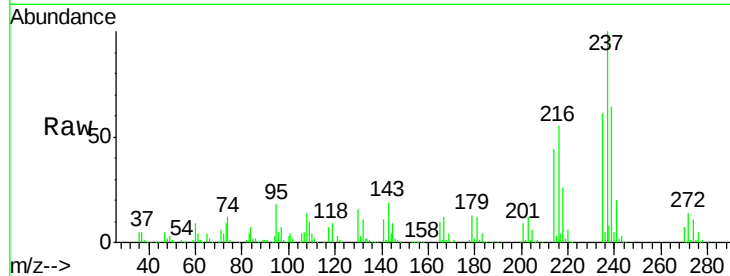




#41
Hexachlorocyclopentadiene
Concen: 57.775 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

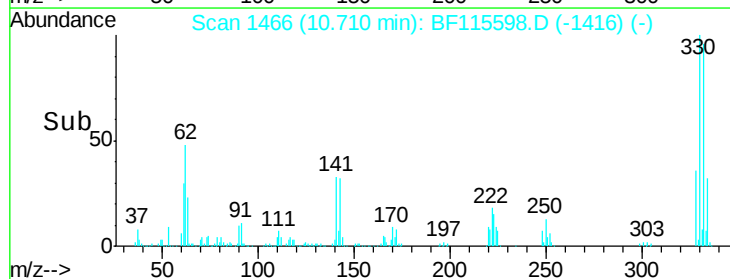
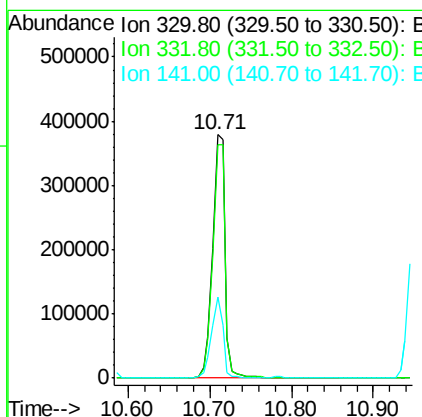
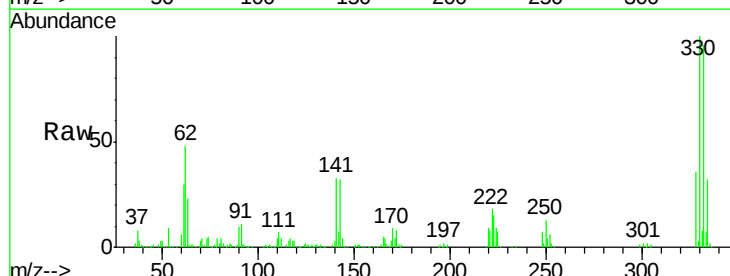
Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 280114
Ion Ratio Lower Upper
237 100
235 61.0 43.6 83.6
272 13.6 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 121.989 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:330 Resp: 401886
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 30.7 22.4 33.6

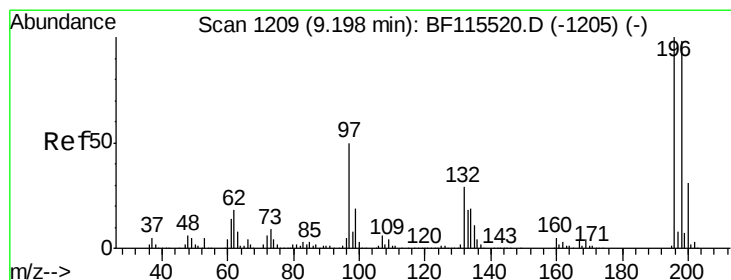
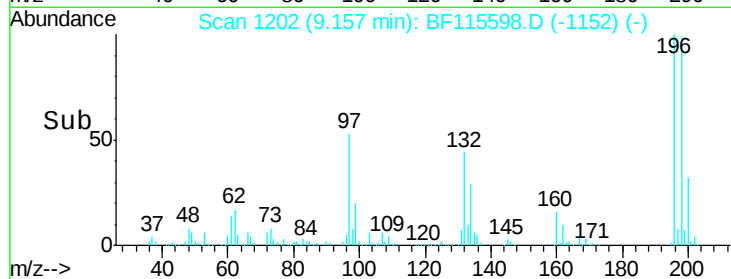
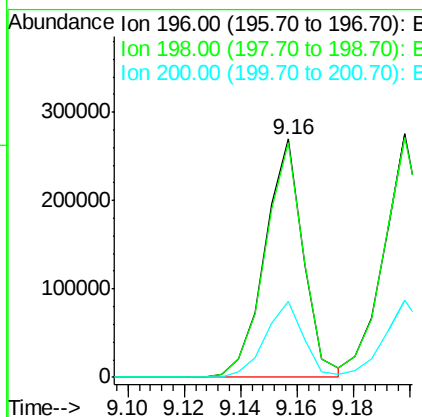
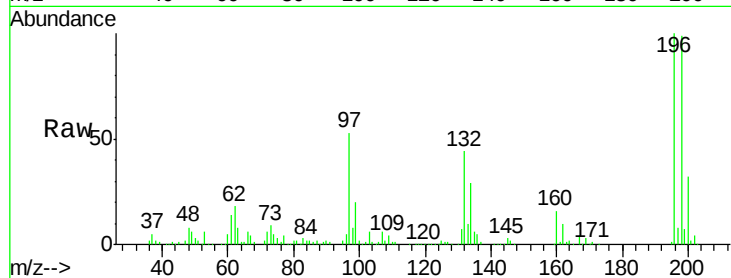




#43
 2,4,6-Trichlorophenol
 Concen: 40.839 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

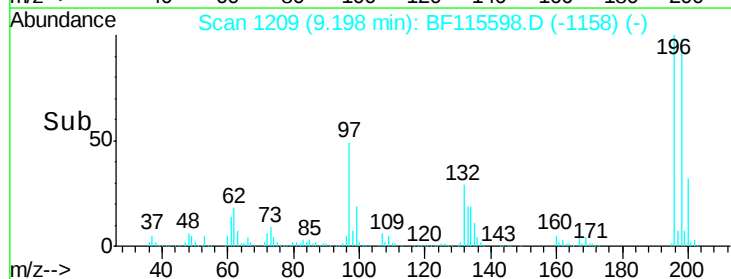
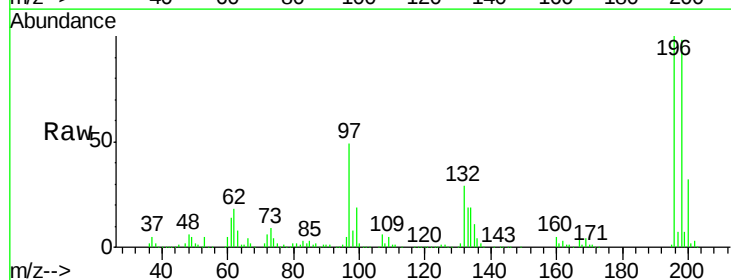
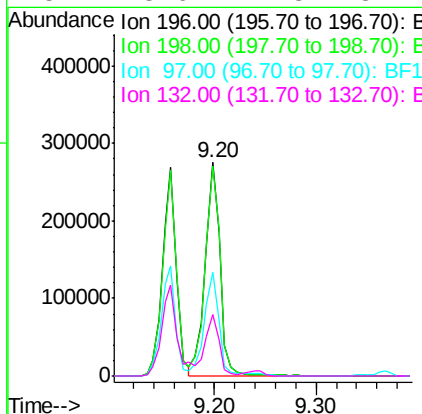
Instrument :
 BNA_F
 ClientSampled :

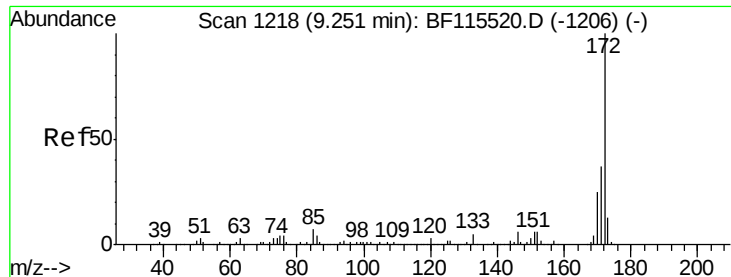
Tot Ion	196	Resp	253836
Ion Ratio	Lower	Upper	
196	100		
198	98.5	80.6	121.0
200	31.7	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.807 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion	196	Resp	278848
Ion Ratio	Lower	Upper	
196	100		
198	98.4	79.6	119.4
97	48.8	37.8	56.6
132	28.6	22.8	34.2

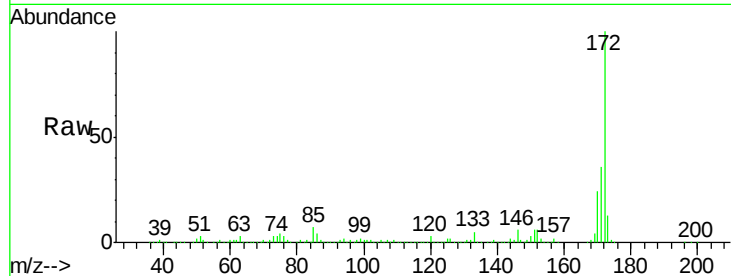




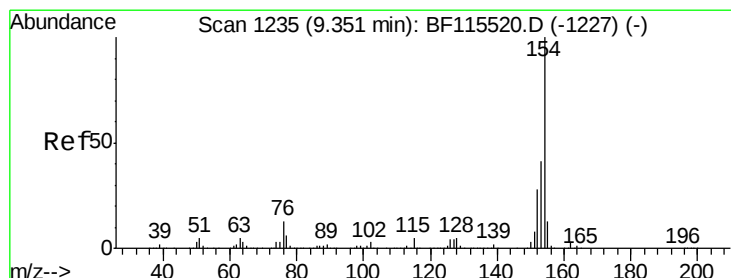
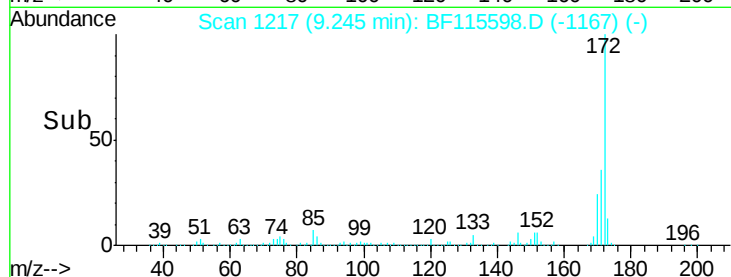
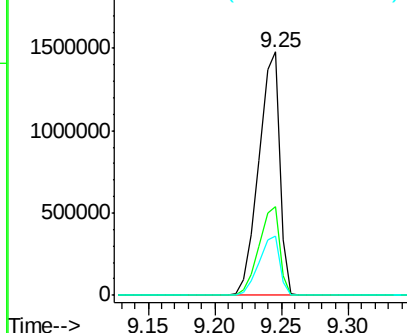
#45
2-Fluorobiphenyl
Concen: 98.526 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1588779
Ion Ratio Lower Upper
172 100
171 36.5 30.6 46.0
170 24.4 20.5 30.7

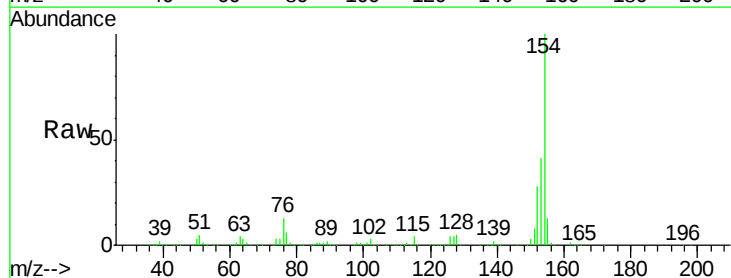


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

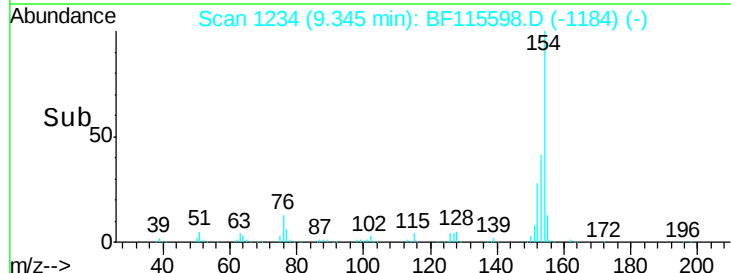
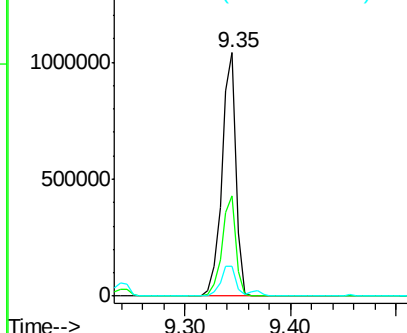


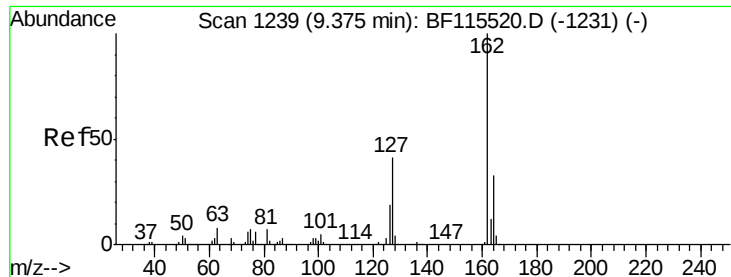
#46
1,1'-Biphenyl
Concen: 43.985 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:154 Resp: 970542
Ion Ratio Lower Upper
154 100
153 41.1 22.6 62.6
76 12.5 0.0 33.4



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





#47

2-Chloronaphthalene

Concen: 41.518 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

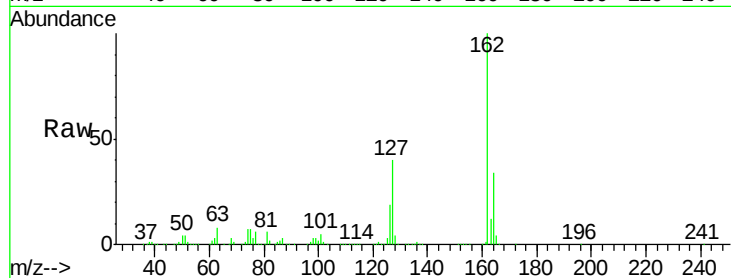
Tot Ion:162 Resp: 762795

Ion Ratio Lower Upper

162 100

127 40.2 34.1 51.1

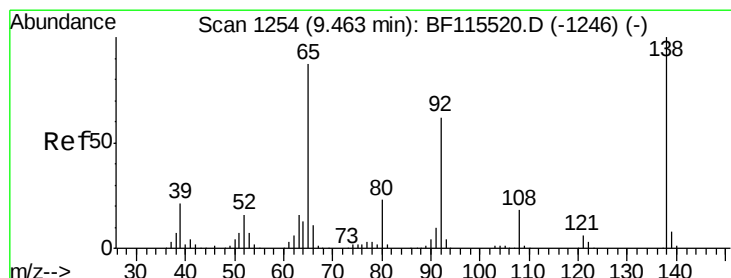
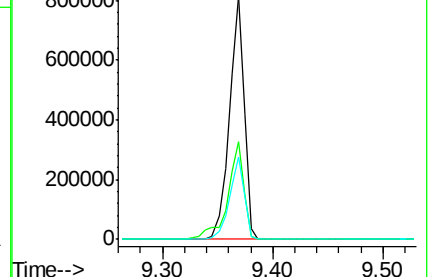
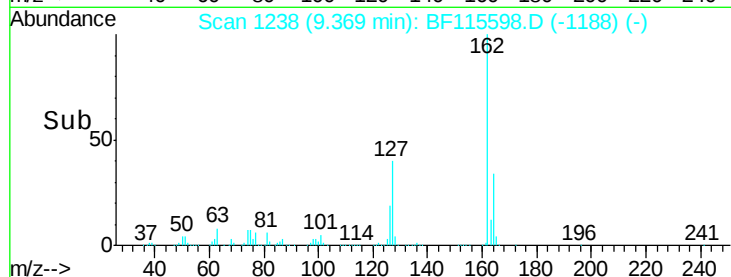
164 33.9 27.4 41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.440 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

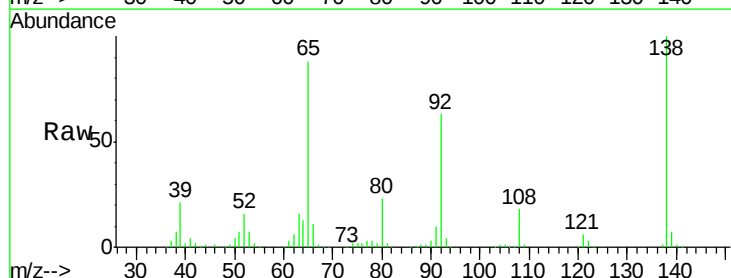
Tgt Ion: 65 Resp: 229969

Ion Ratio Lower Upper

65 100

92 71.5 57.8 86.6

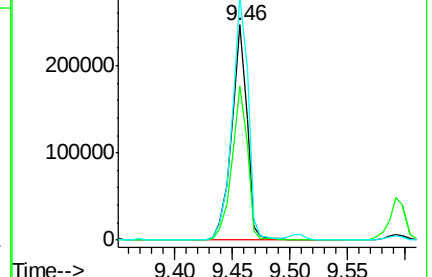
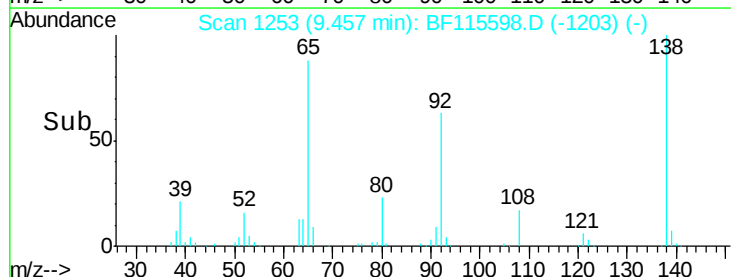
138 113.2 91.2 136.8

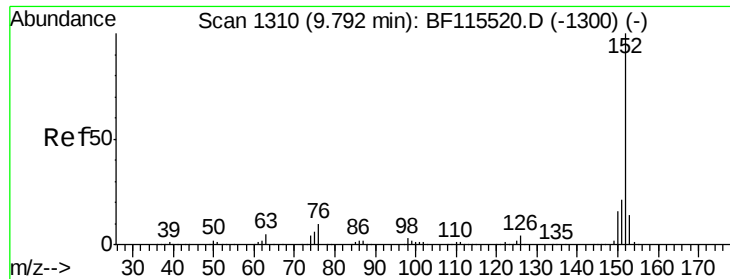


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.142 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

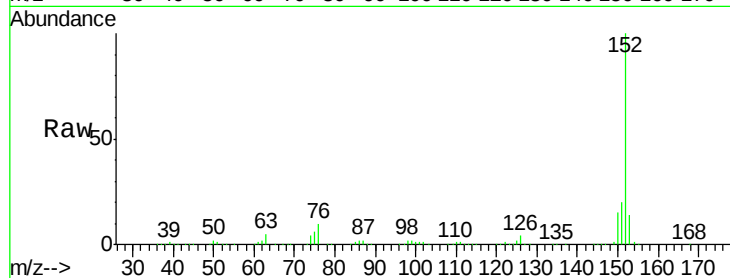
Tot Ion:152 Resp: 1174494

Ion Ratio Lower Upper

152 100

151 20.4 17.7 26.5

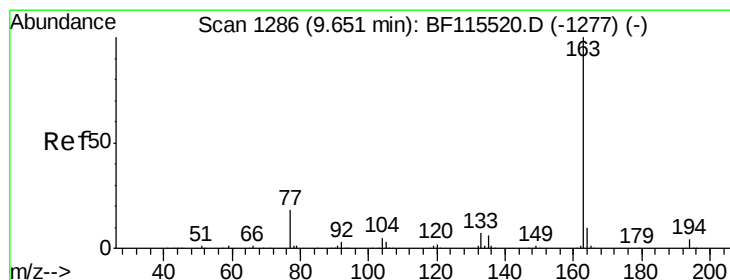
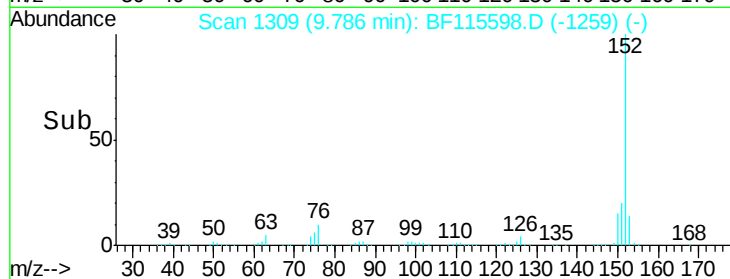
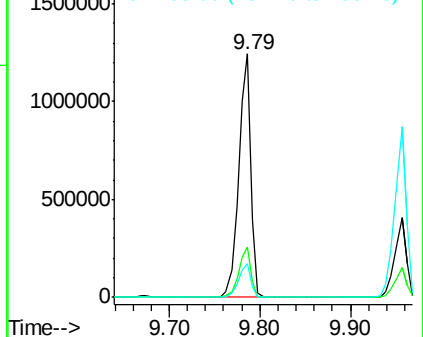
153 13.7 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.023 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

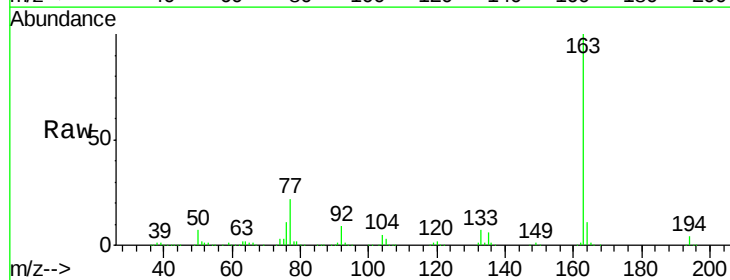
Tgt Ion:163 Resp: 913603

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

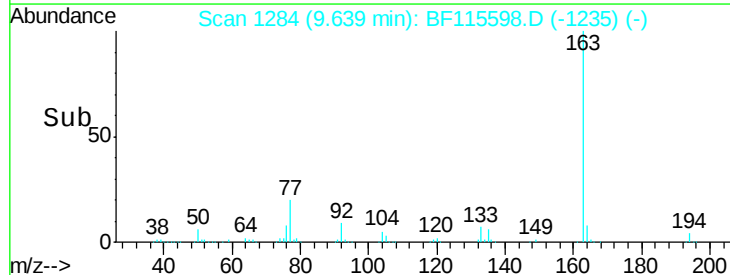
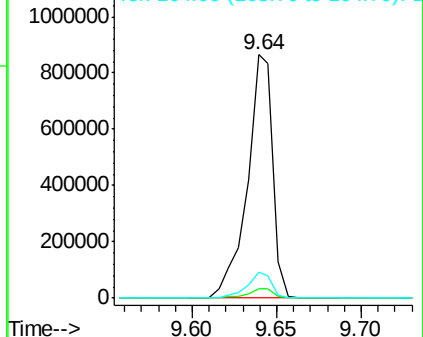
164 10.5 8.7 13.1

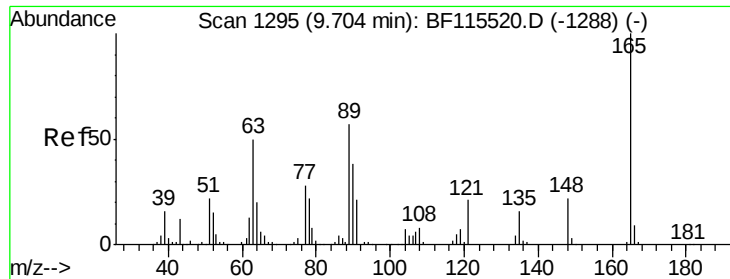


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.320 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

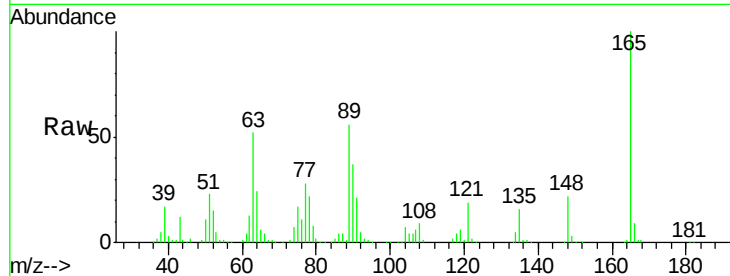
Tot Ion:165 Resp: 209052

Ion Ratio Lower Upper

165 100

63 52.3 40.6 61.0

89 55.6 43.9 65.9

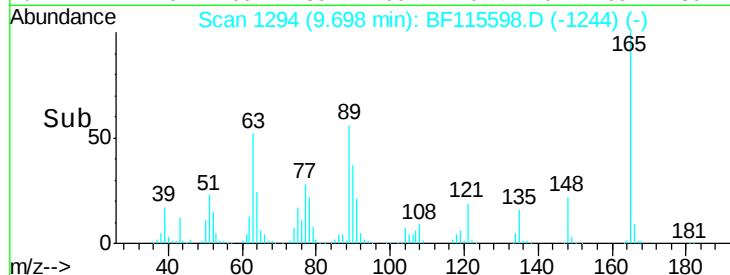


Abundance Ion 165.00 (164.70 to 165.70): E

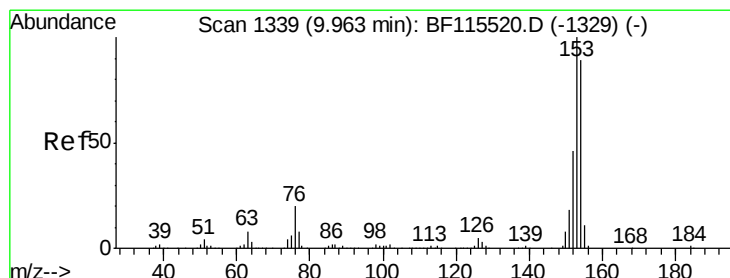
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 42.676 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

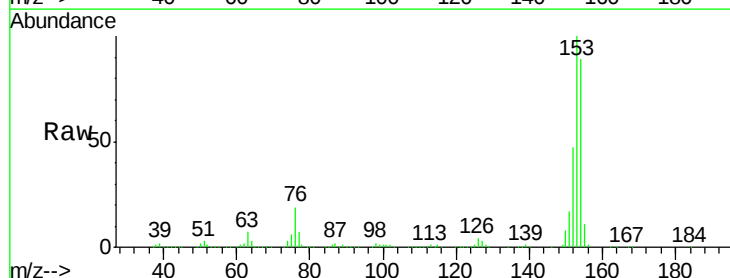
Tgt Ion:154 Resp: 750088

Ion Ratio Lower Upper

154 100

153 112.6 88.6 133.0

152 52.7 42.3 63.5

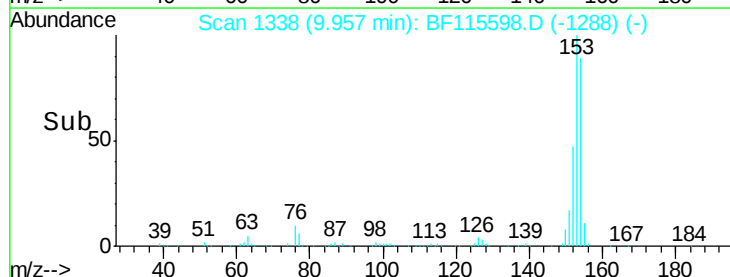


Abundance Ion 154.00 (153.70 to 154.70): E

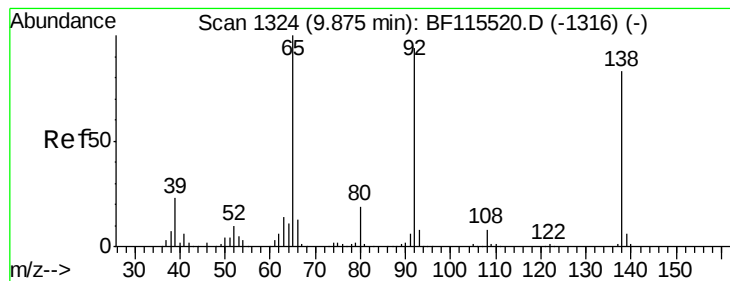
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#53

3-Nitroaniline

Concen: 13.949 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

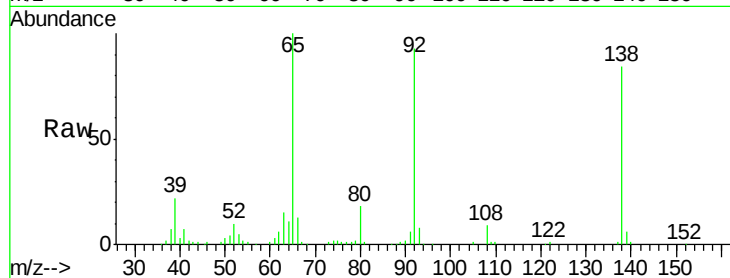
Tot Ion:138 Resp: 76923

Ion Ratio Lower Upper

138 100

108 10.8 8.4 12.6

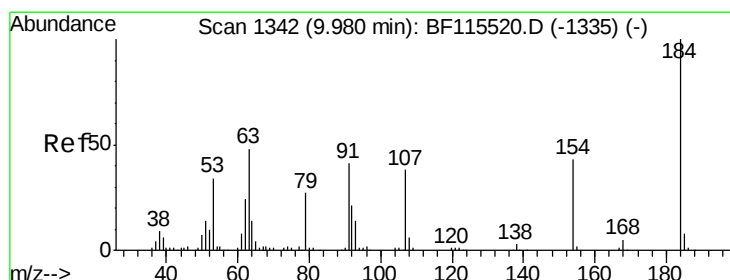
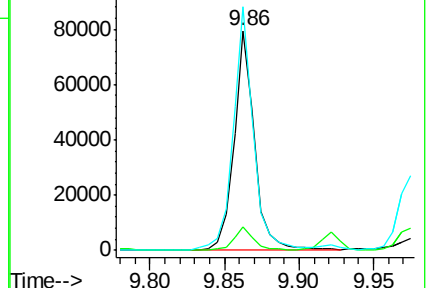
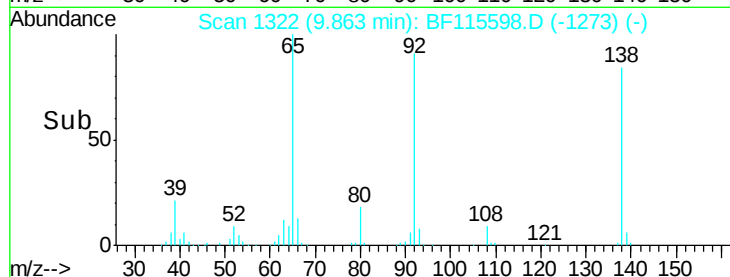
92 110.9 88.0 132.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 41.709 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

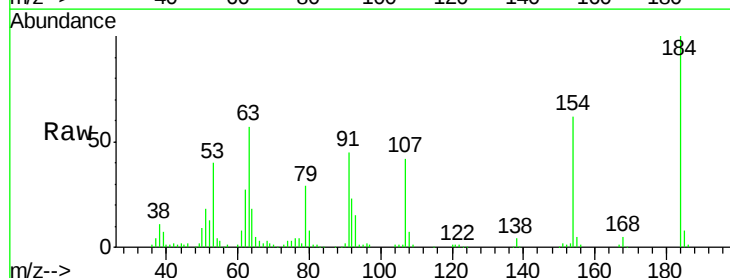
Tgt Ion:184 Resp: 103340

Ion Ratio Lower Upper

184 100

63 56.8 48.7 73.1

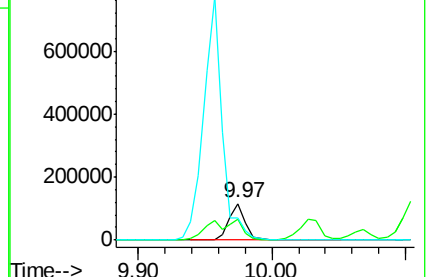
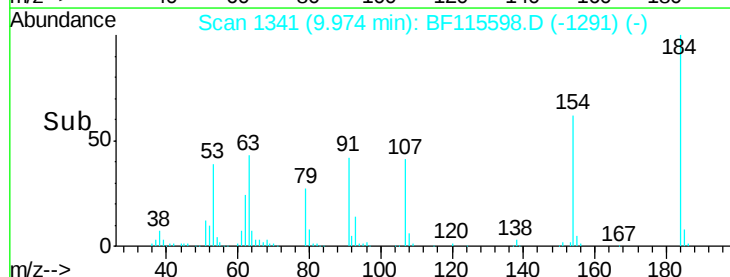
154 61.9 48.6 73.0

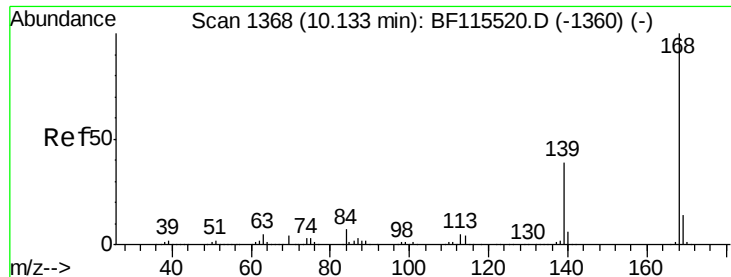


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.782 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

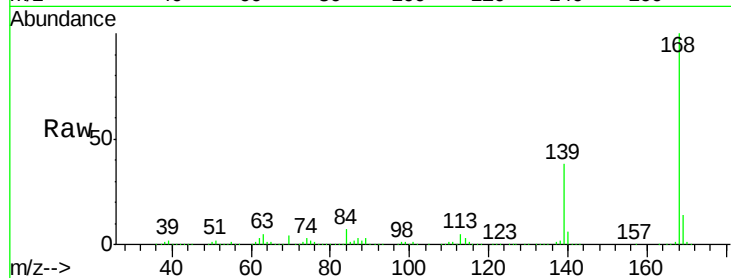
Instrument :

BNA_F

ClientSampleId :

Tot Ion:168 Resp: 1042886

Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.1	46.7
169	13.9	11.1	16.7

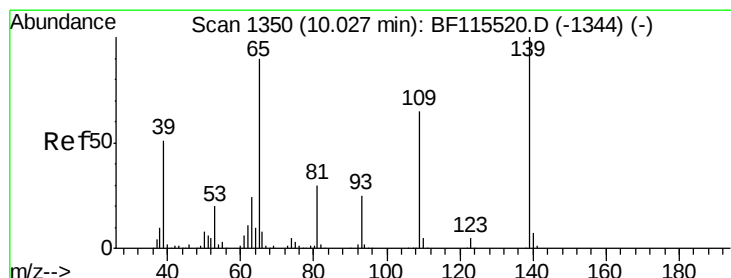
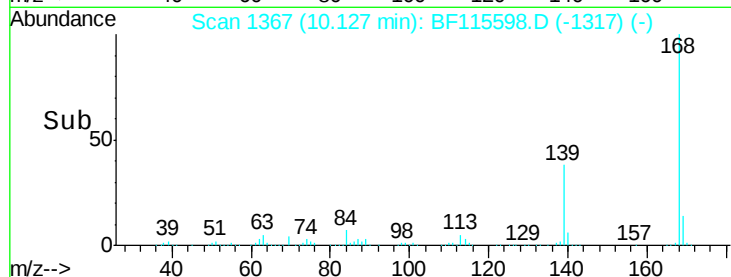
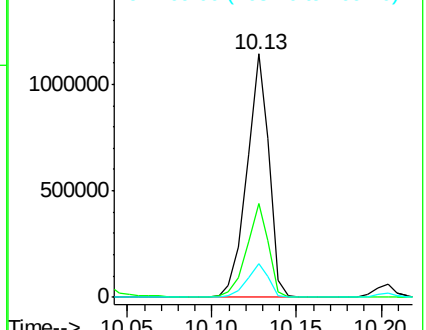


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 71.567 ng

RT: 10.03 min Scan# 1351

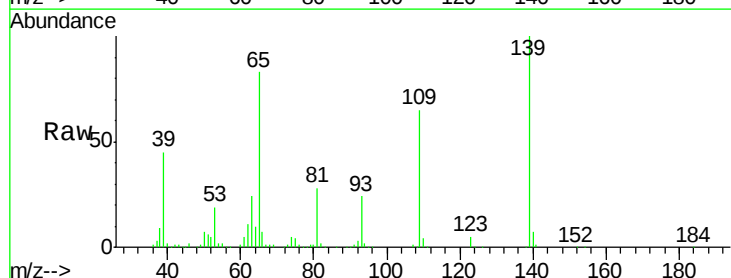
Delta R.T. 0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion:139 Resp: 300956

Ion	Ratio	Lower	Upper
139	100		
109	65.1	46.4	86.4
65	82.9	68.9	108.9

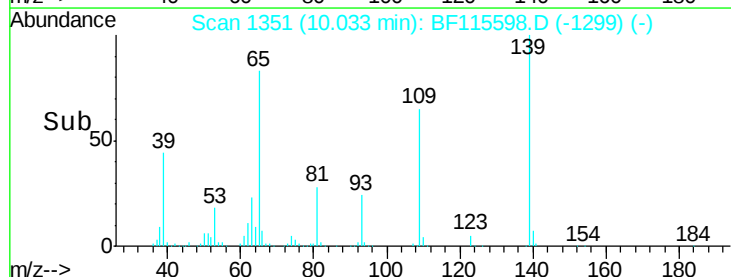
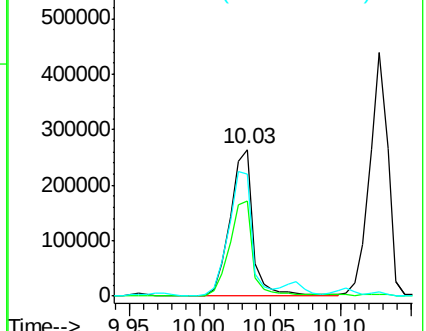


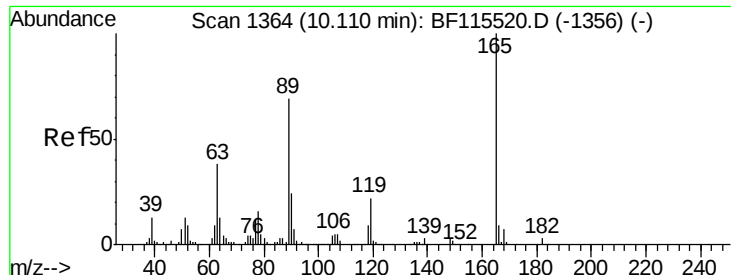
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

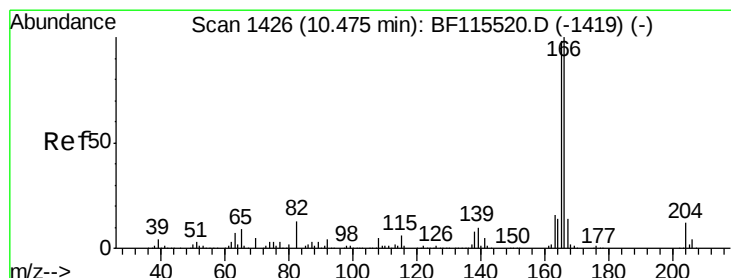
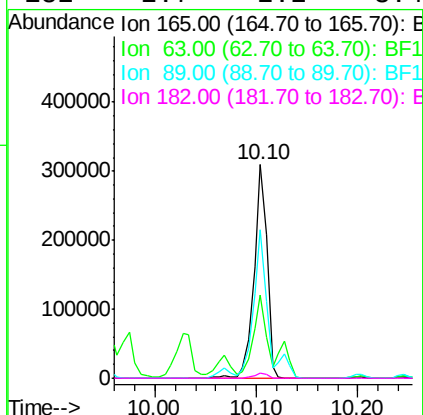
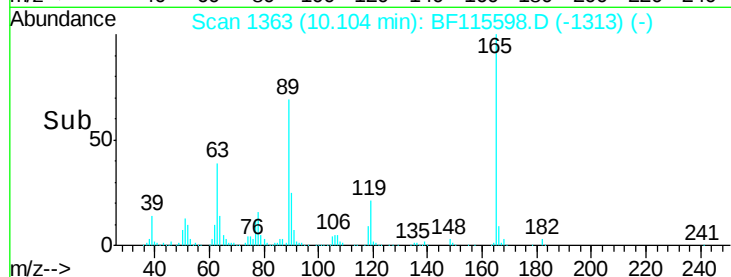
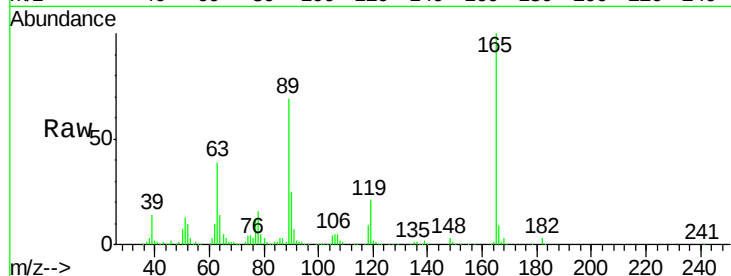




#57
2,4-Dinitrotoluene
Concen: 44.218 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

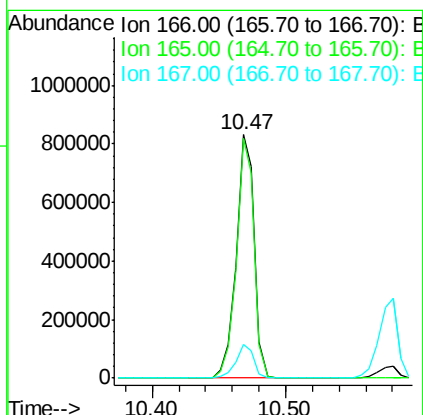
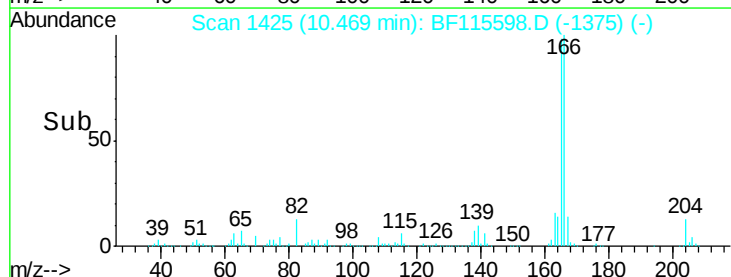
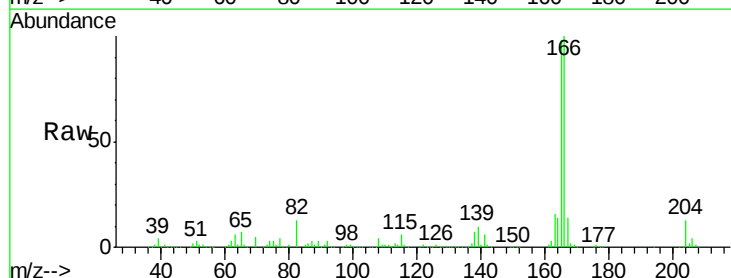
Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 276456
Ion Ratio Lower Upper
165 100
63 39.1 34.9 52.3
89 69.3 57.5 86.3
182 2.7 2.2 3.4



#58
Fluorene
Concen: 43.826 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:166 Resp: 782030
Ion Ratio Lower Upper
166 100
165 98.3 79.8 119.6
167 13.7 11.2 16.8

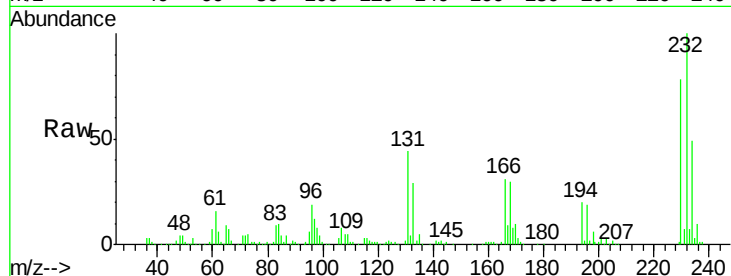




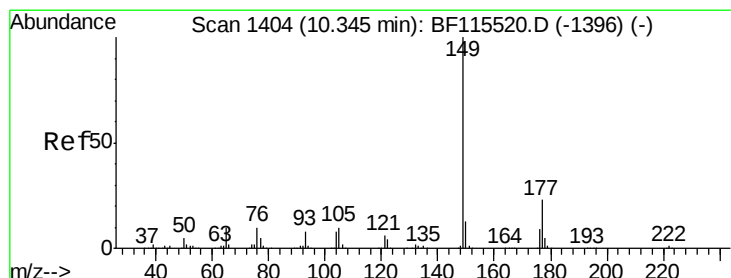
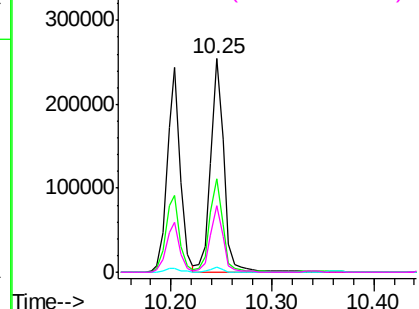
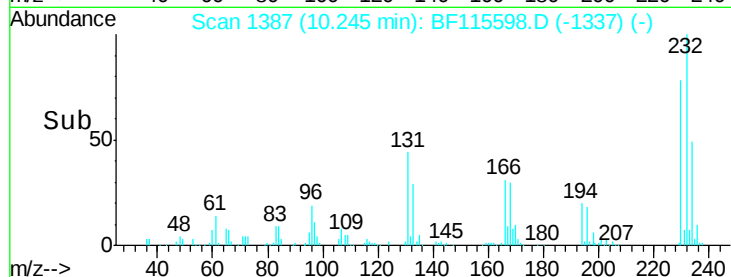
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.901 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	35.9	53.9
130	2.0	1.8	2.6
166	29.7	24.8	37.2

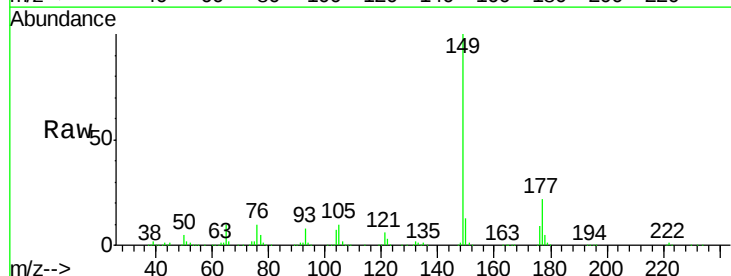


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

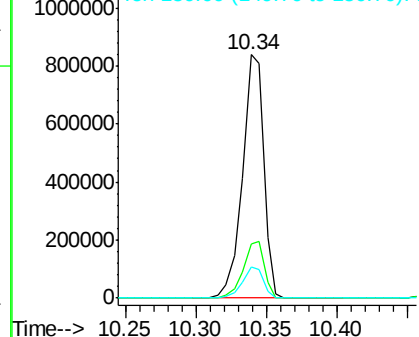
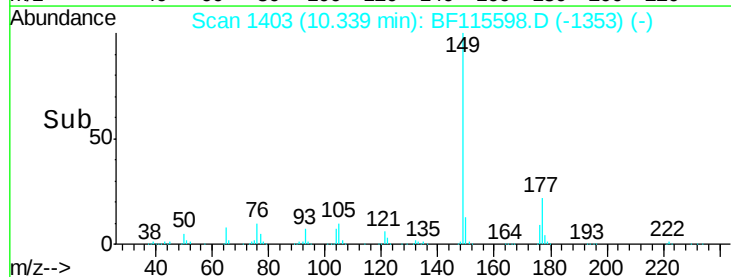


#60
Diethylphthalate
Concen: 44.116 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	19.5	29.3
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

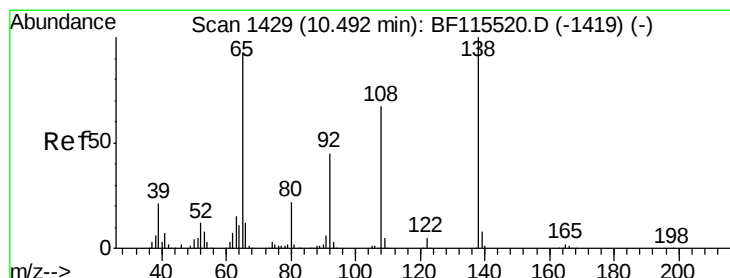
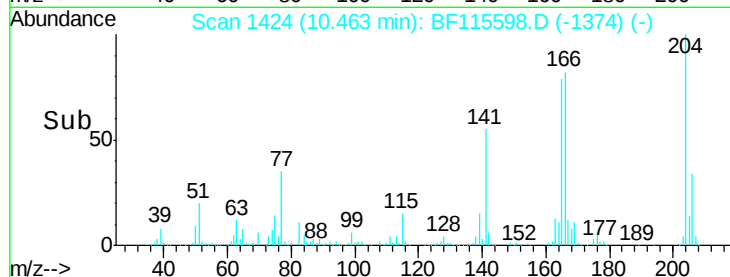
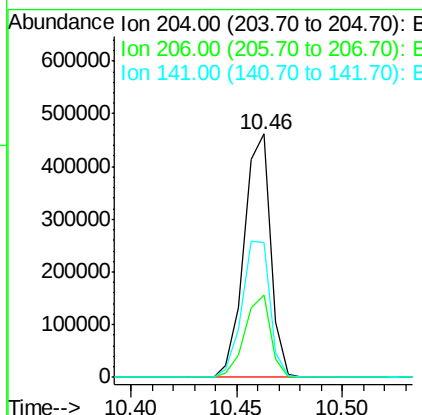
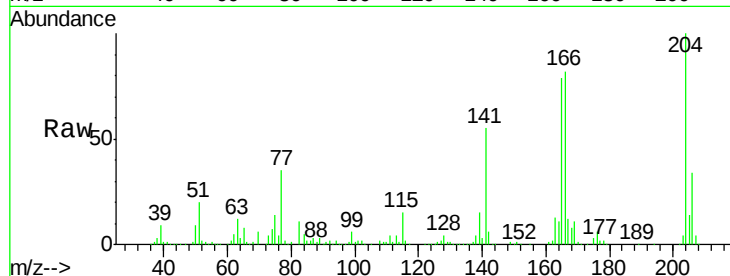




#61
 4-Chlorophenyl-phenylether
 Concen: 40.849 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

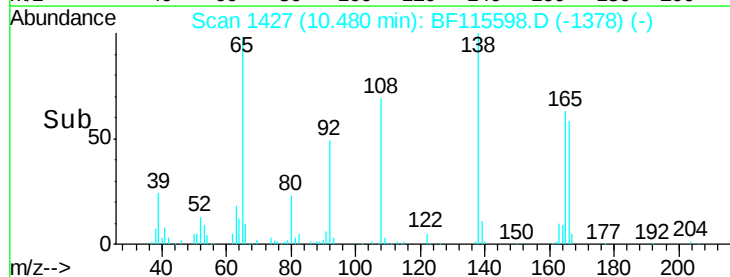
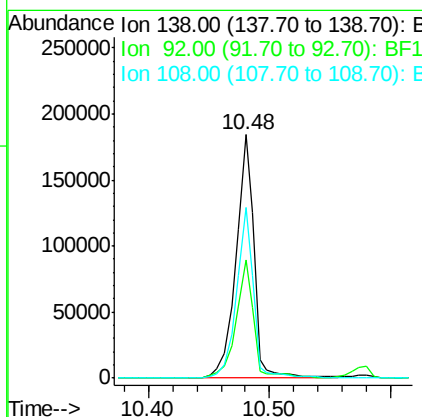
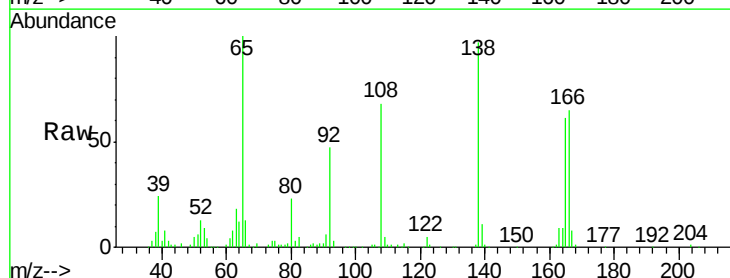
Instrument :
 BNA_F
 ClientSampleId :

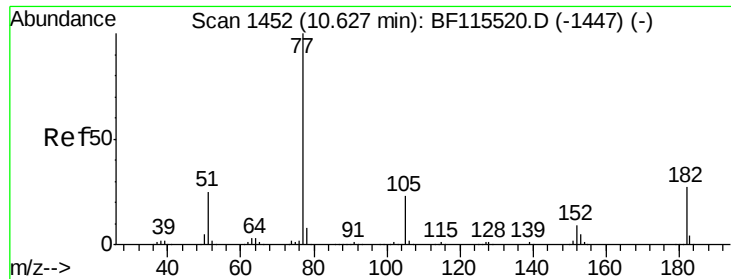
Tot Ion:204 Resp: 404214
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.7 40.1
 141 55.4 44.2 66.2



#62
 4-Nitroaniline
 Concen: 36.409 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion:138 Resp: 192594
 Ion Ratio Lower Upper
 138 100
 92 48.8 27.1 67.1
 108 70.3 48.0 88.0





#63

Azobenzene

Concen: 43.285 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 835335

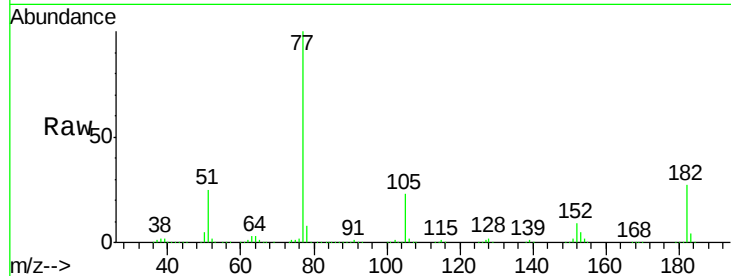
Ion Ratio Lower Upper

77 100

182 27.4 6.9 46.9

105 23.1 3.9 43.9

51 25.2 7.3 47.3

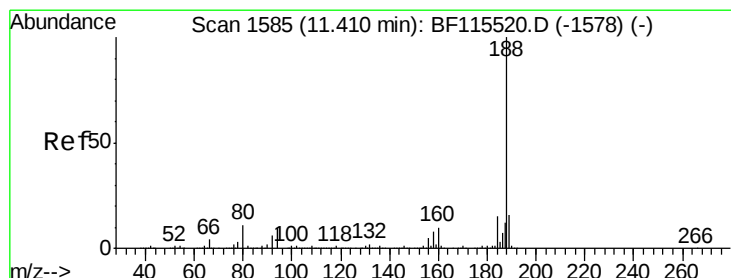
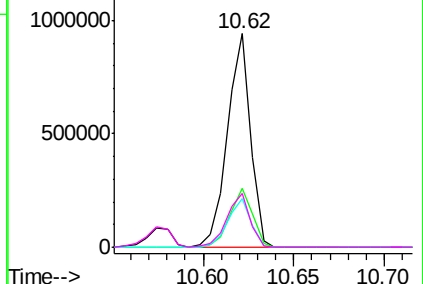
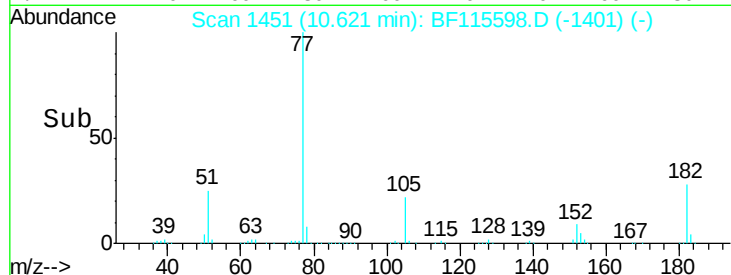


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

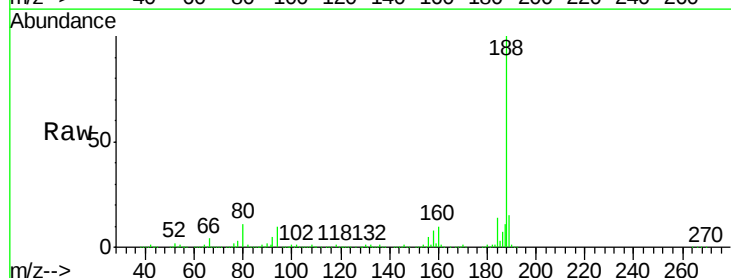
Tgt Ion: 188 Resp: 519905

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

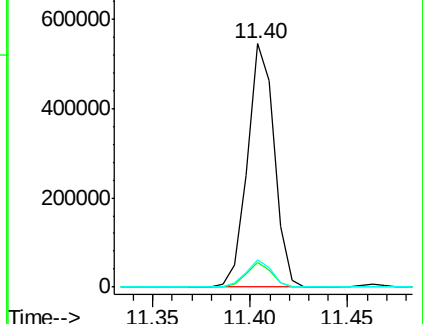
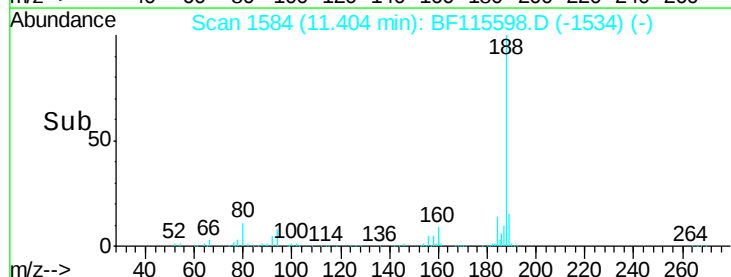
80 11.1 8.6 13.0

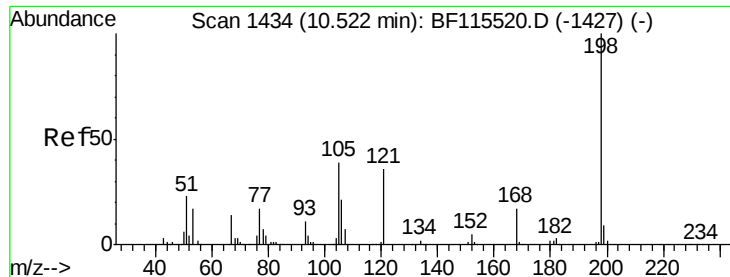


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 26.491 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

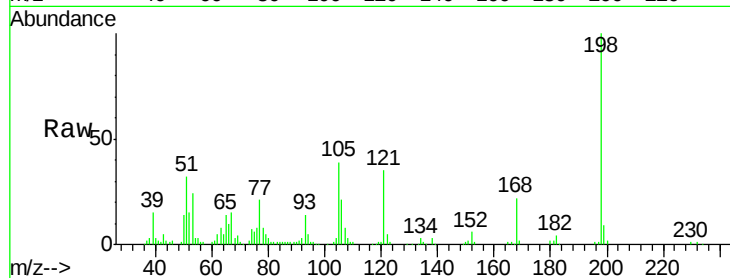
Tot Ion:198 Resp: 84148

Ion Ratio Lower Upper

198 100

51 32.4 19.1 59.1

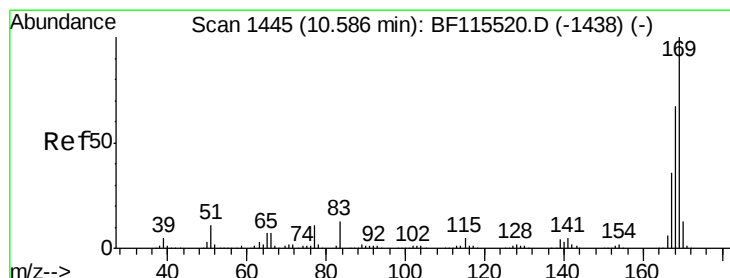
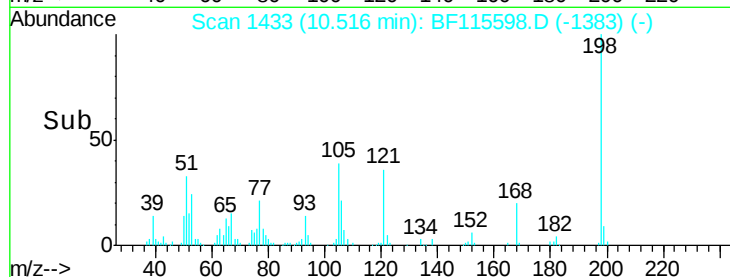
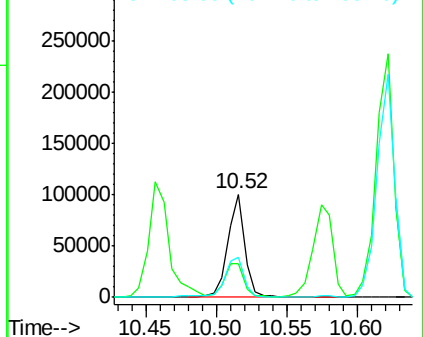
105 38.7 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.689 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

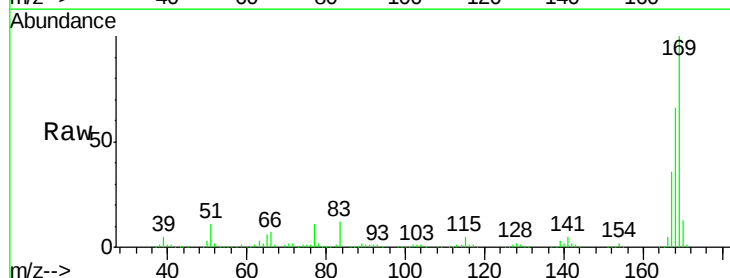
Tgt Ion:169 Resp: 722721

Ion Ratio Lower Upper

169 100

168 66.3 54.3 81.5

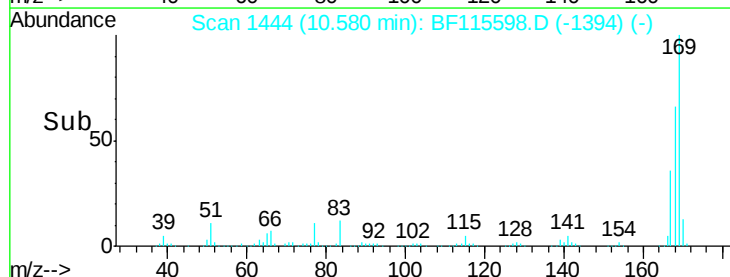
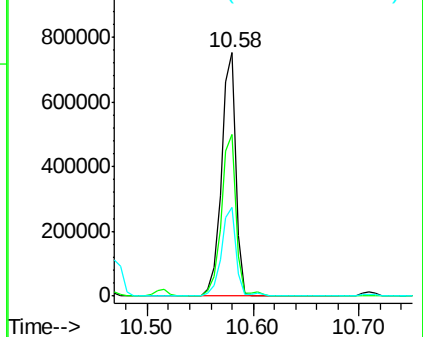
167 36.3 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

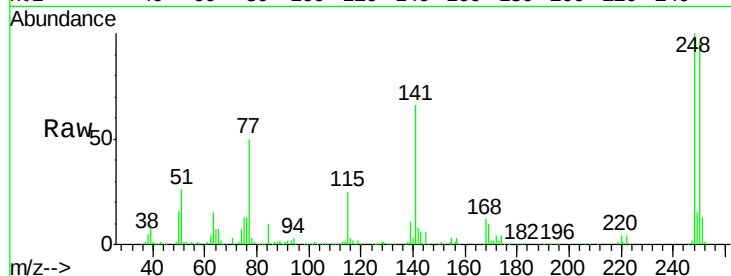




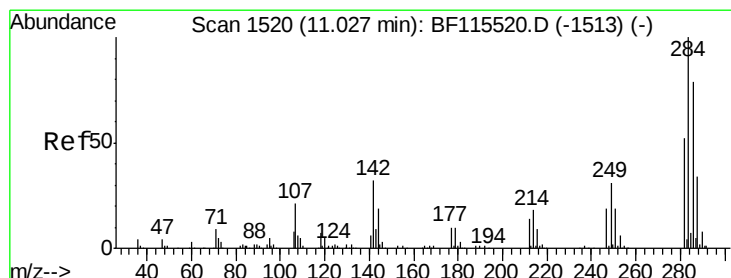
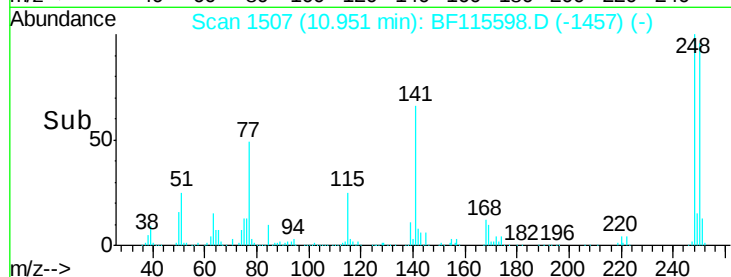
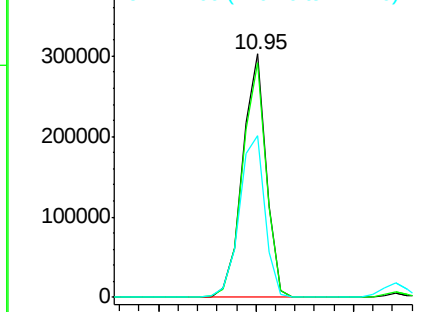
#67
4-Bromophenyl-phenylether
Concen: 42.690 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 253631
Ion Ratio Lower Upper
248 100
250 96.3 78.0 117.0
141 66.2 57.7 86.5

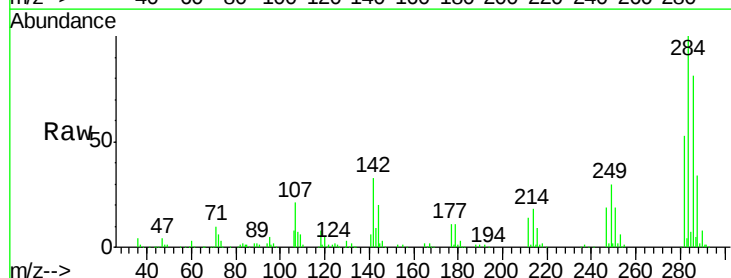


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

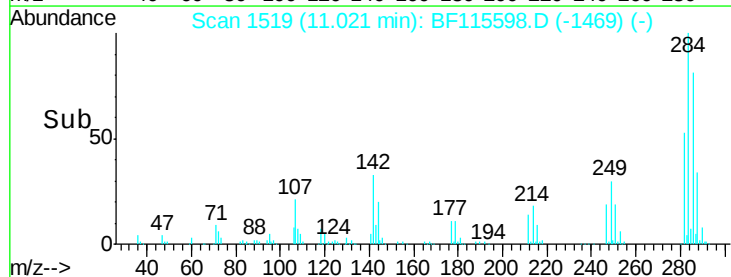
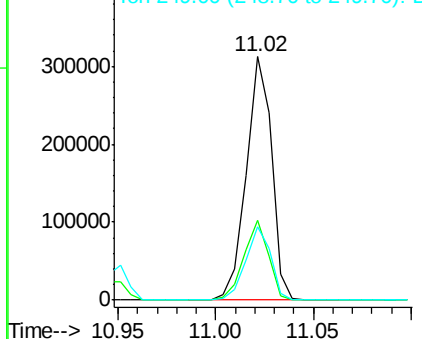


#68
Hexachlorobenzene
Concen: 41.447 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:284 Resp: 281216
Ion Ratio Lower Upper
284 100
142 32.8 22.2 33.2
249 30.3 23.4 35.2



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

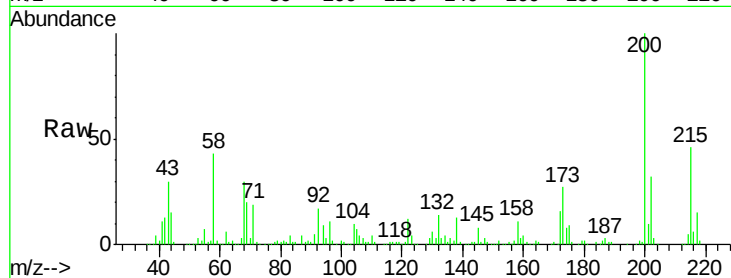




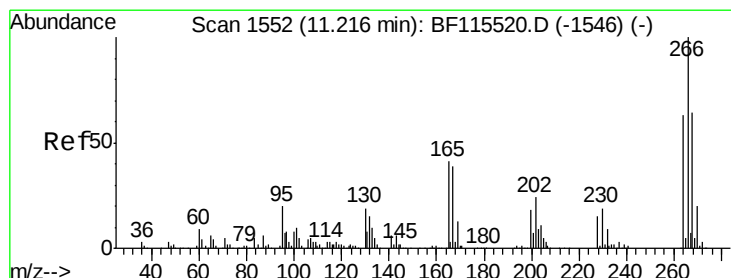
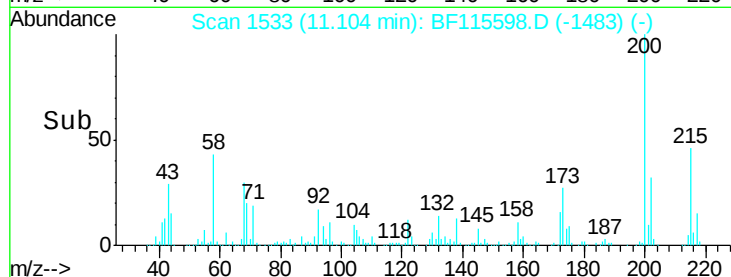
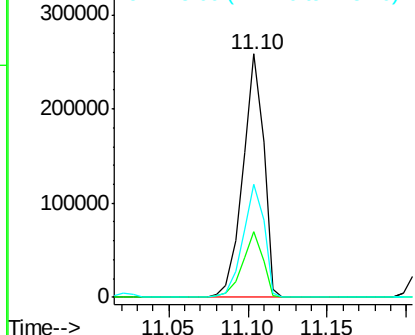
#69
 Atrazine
 Concen: 44.300 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 235033
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.9 46.9
 215 46.3 27.9 67.9

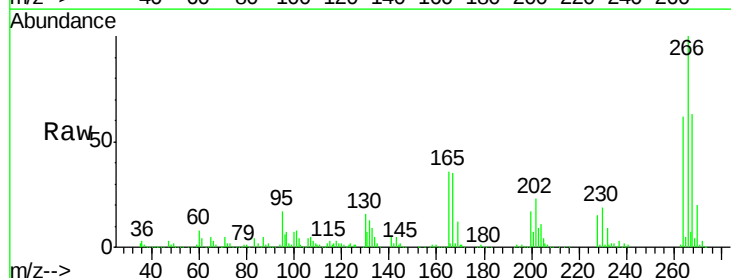


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

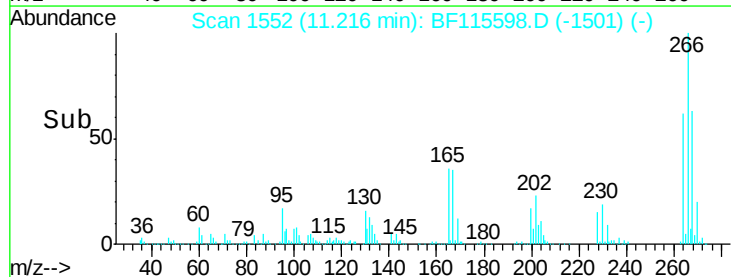
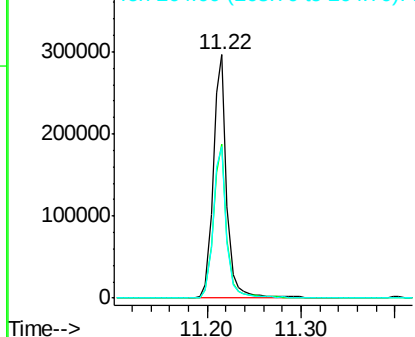


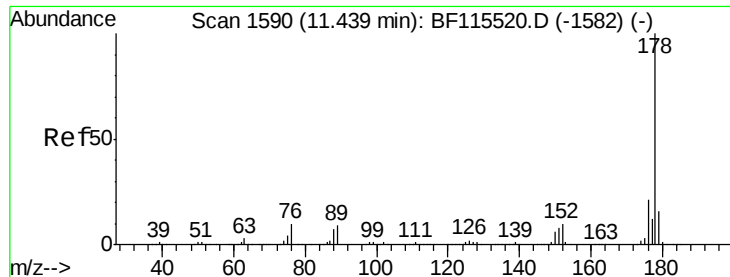
#70
 Pentachlorophenol
 Concen: 73.279 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion:266 Resp: 304094
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.6 77.4
 264 62.0 50.6 76.0



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

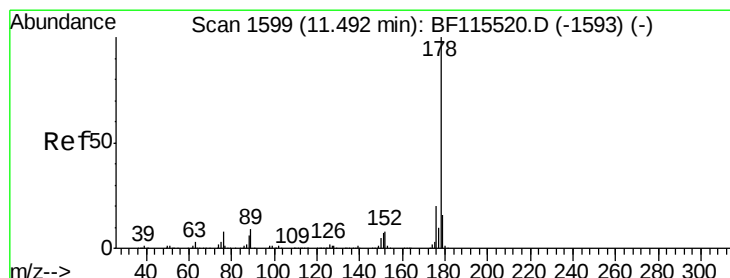
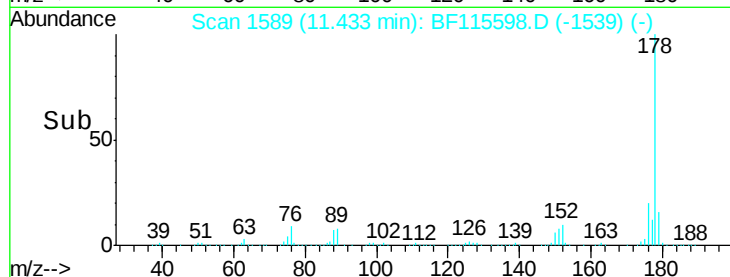
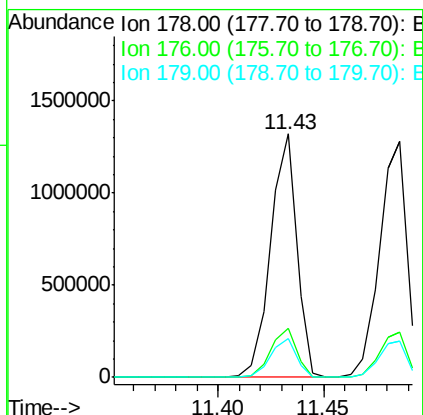
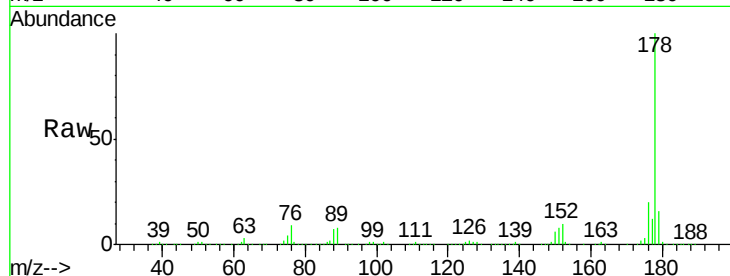




#71
Phenanthrene
Concen: 43.016 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

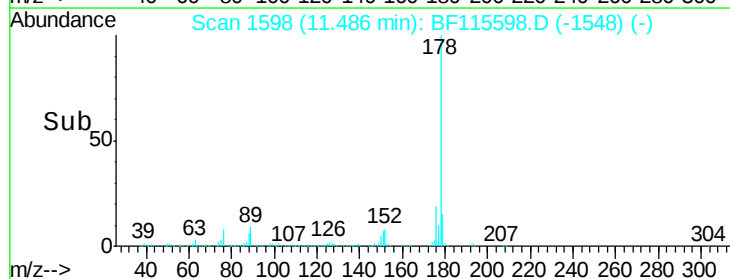
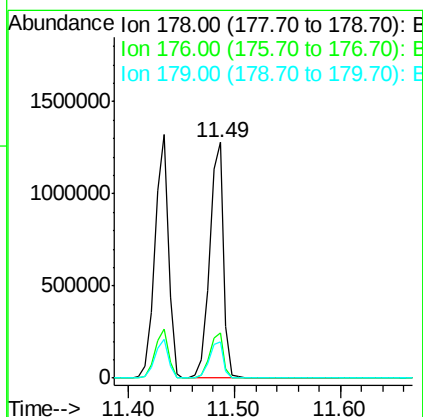
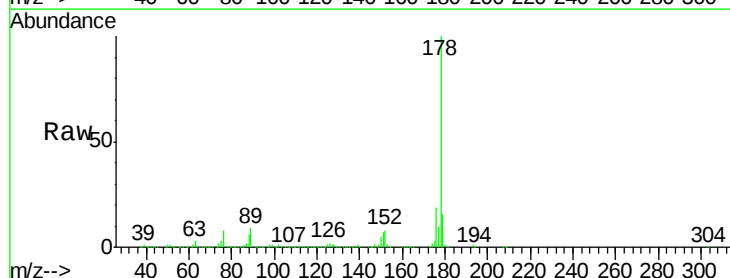
Instrument :
BNA_F
ClientSampleId :

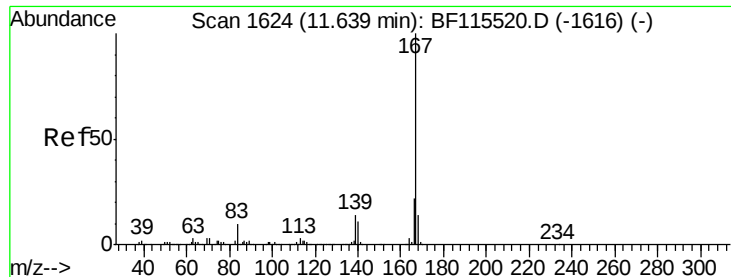
Tot Ion:178 Resp: 1146373
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 15.9 13.5 20.3



#72
Anthracene
Concen: 42.516 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:178 Resp: 1170971
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.5 12.7 19.1

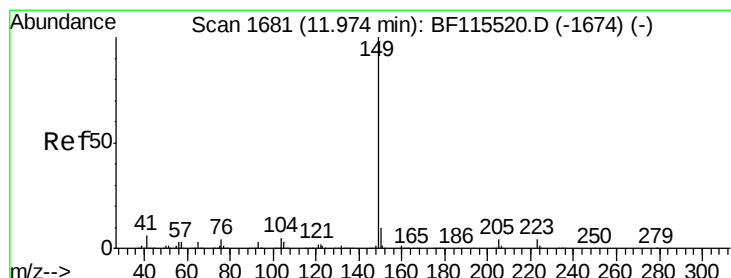
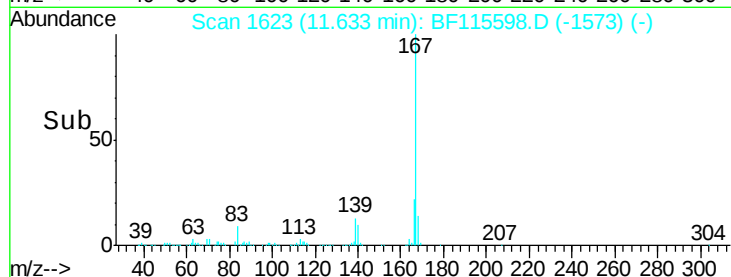
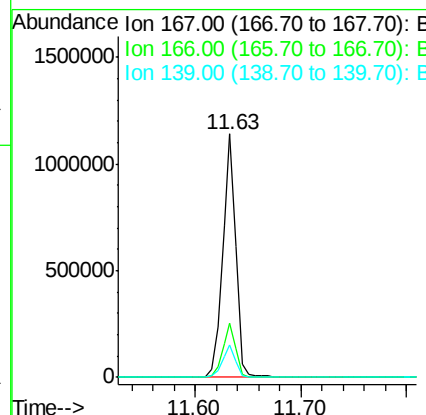
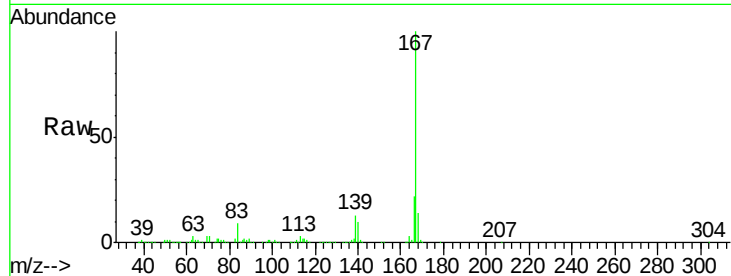




#73
 Carbazole
 Concen: 42.024 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

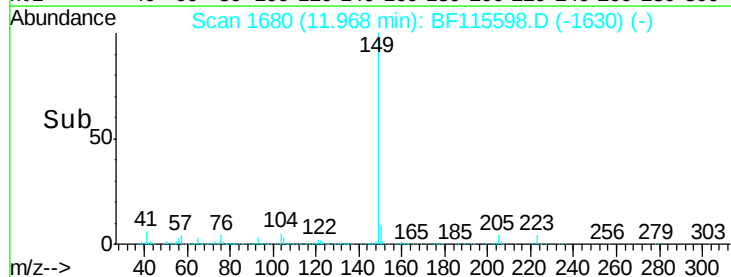
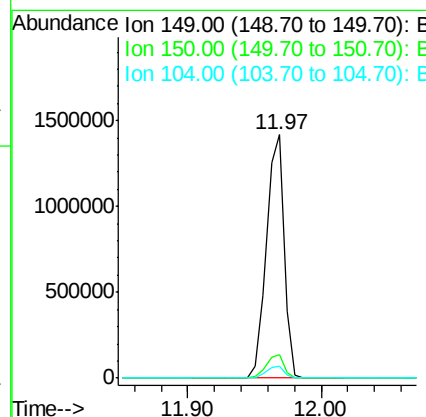
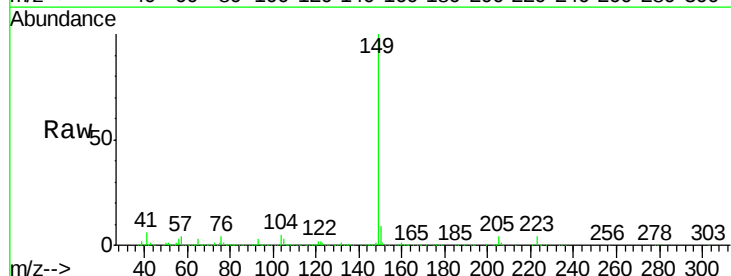
Instrument :
 BNA_F
 ClientSampleId :

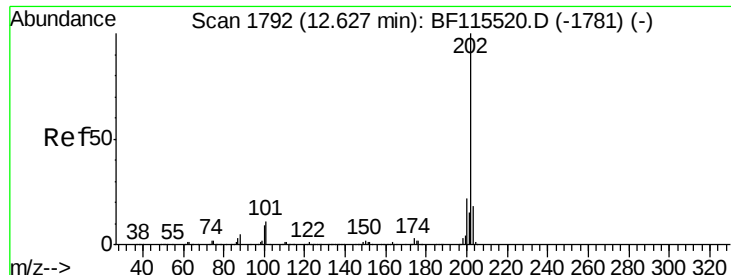
Tot Ion:167 Resp: 1014956
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.4 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 43.301 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF115598.D
 Acq: 16 Jul 2019 15:42

Tgt Ion:149 Resp: 1288198
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 40.423 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

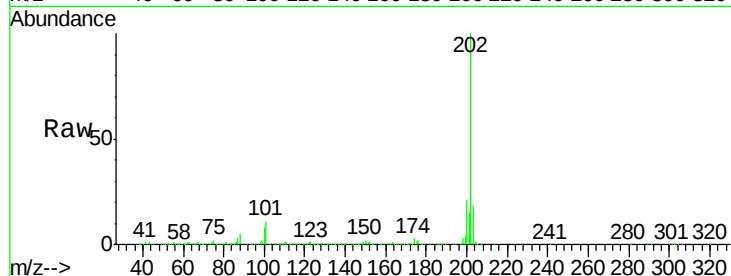
Tot Ion:202 Resp: 1138382

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

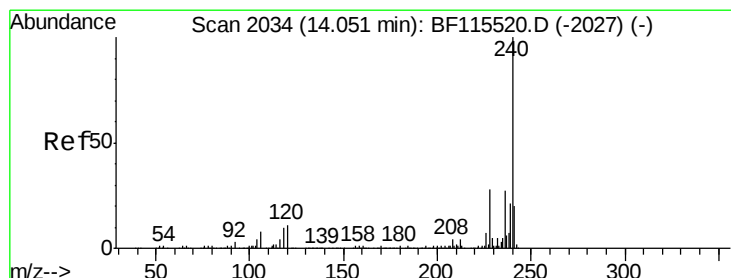
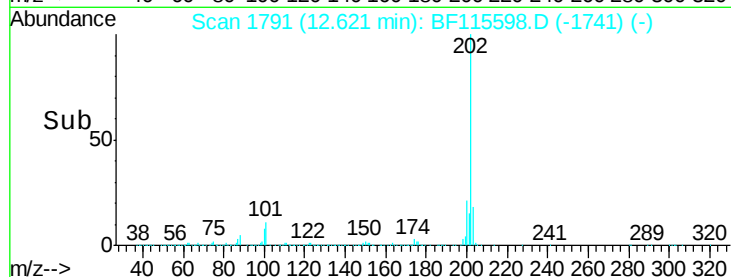
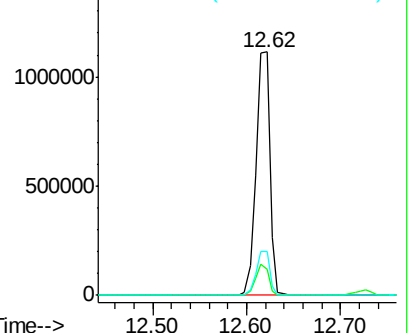
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

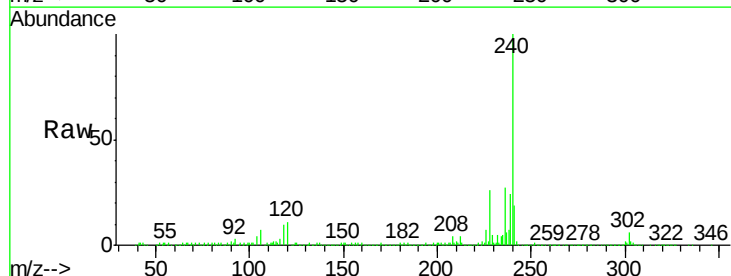
Tgt Ion:240 Resp: 308879

Ion Ratio Lower Upper

240 100

120 11.0 8.6 13.0

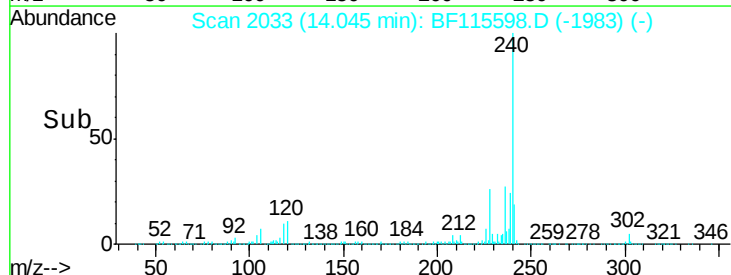
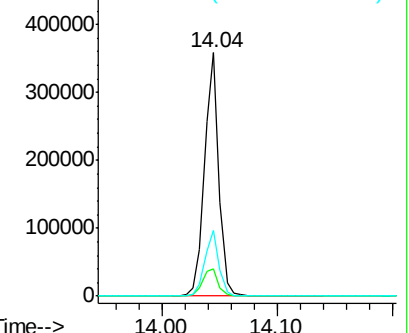
236 26.8 21.3 31.9

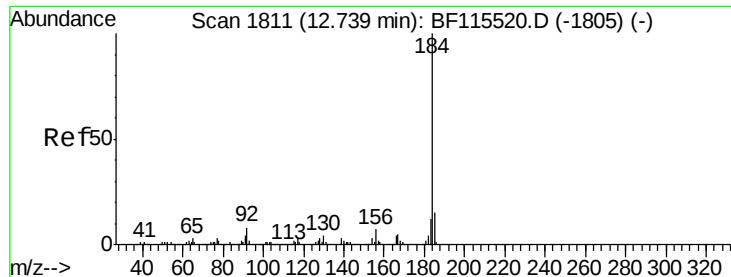


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.470 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

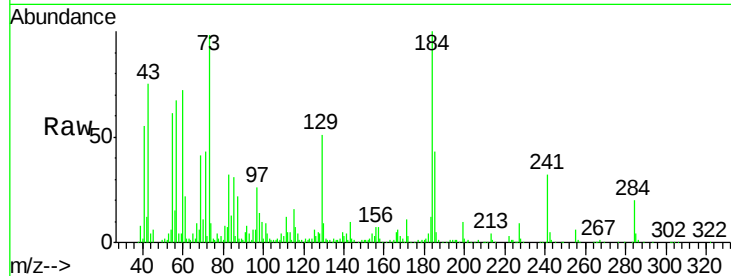
Tot Ion:184 Resp: 169272

Ion Ratio Lower Upper

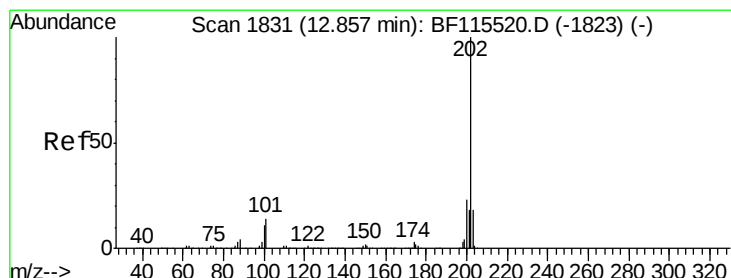
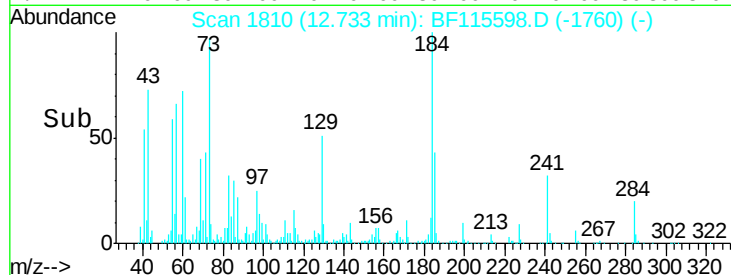
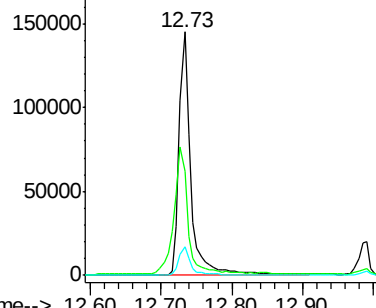
184 100

185 43.0 12.0 18.0#

183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.913 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

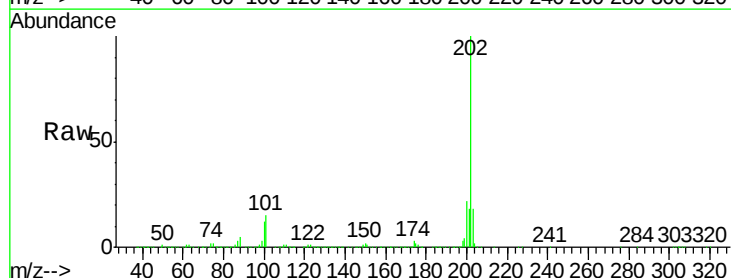
Tgt Ion:202 Resp: 1096834

Ion Ratio Lower Upper

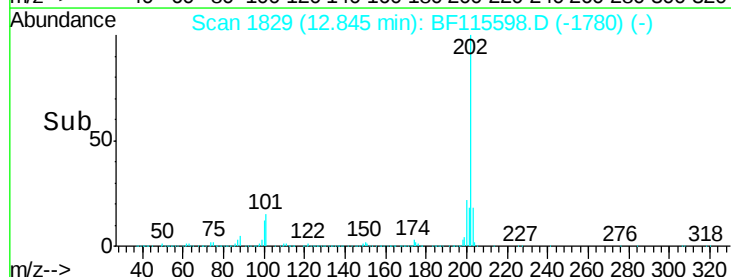
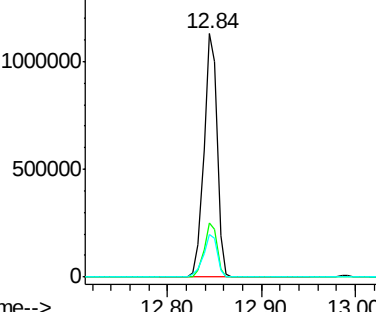
202 100

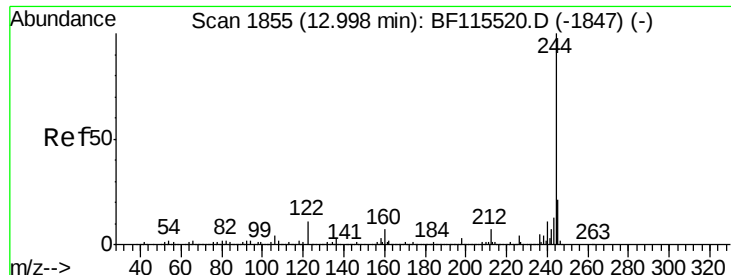
200 22.1 18.7 28.1

203 17.7 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.400 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

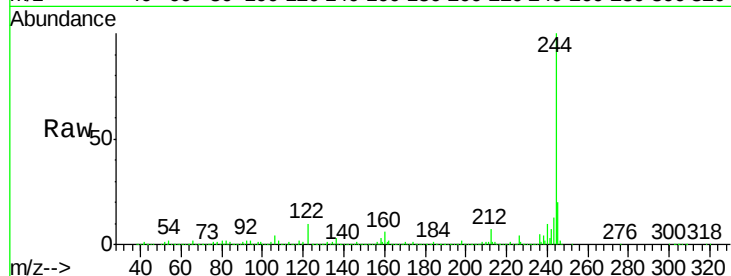
Tot Ion:244 Resp: 1563507

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

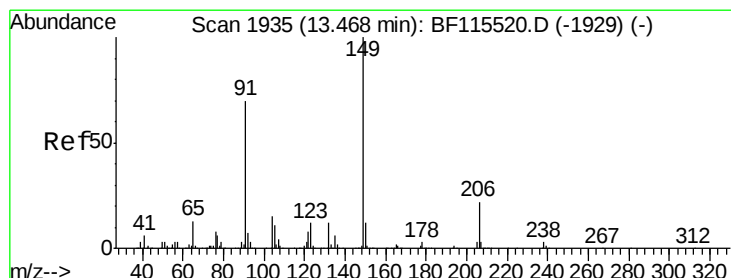
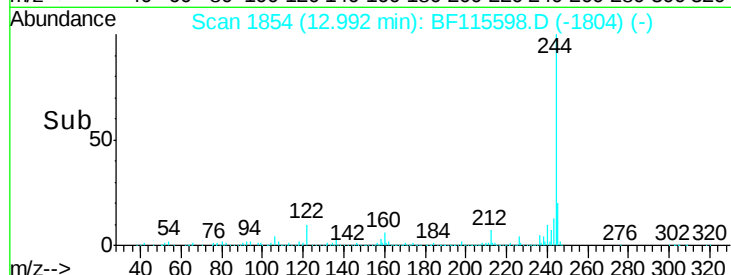
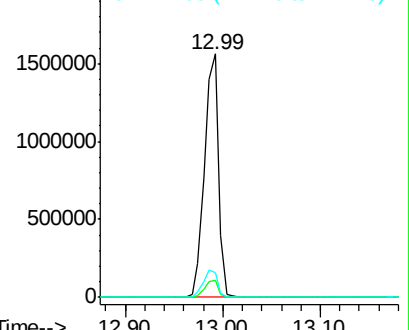
122 10.4 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.528 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

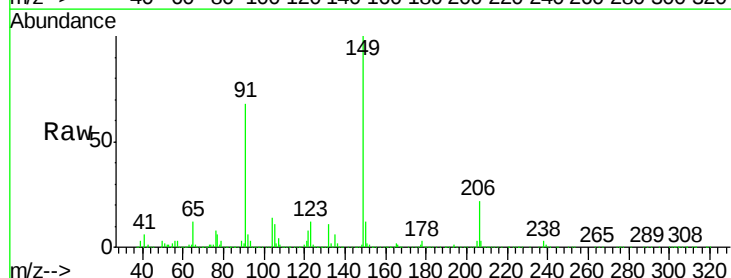
Tgt Ion:149 Resp: 474439

Ion Ratio Lower Upper

149 100

91 67.6 55.8 83.8

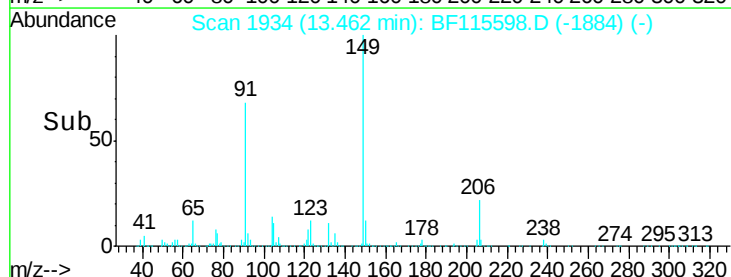
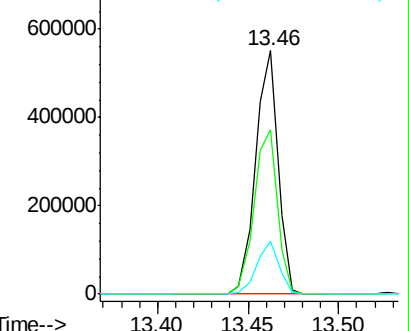
206 21.8 18.2 27.2

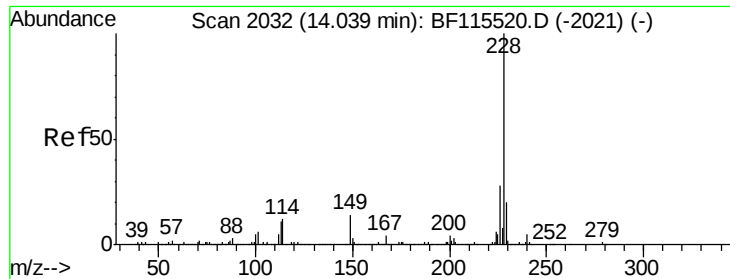


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

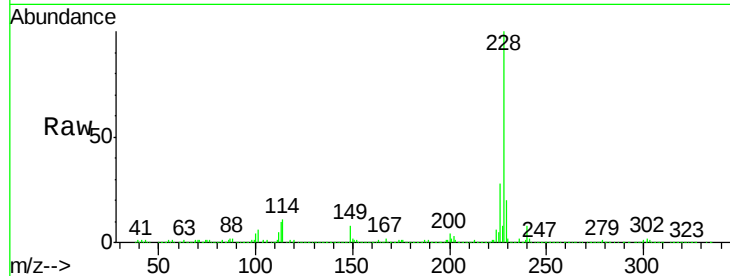




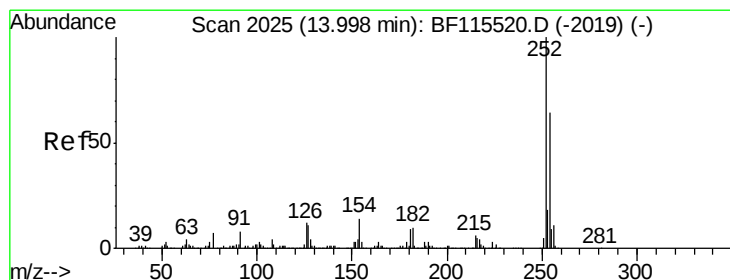
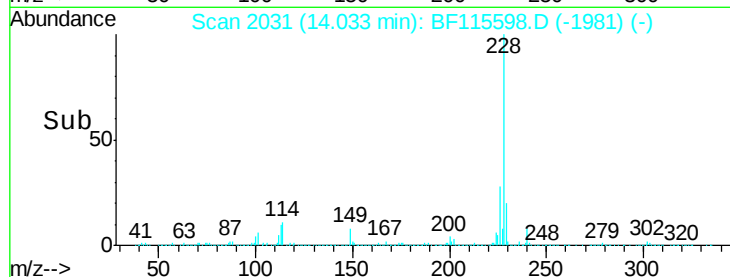
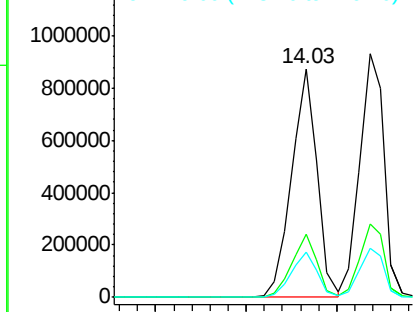
#81
Benzo(a)anthracene
Concen: 42.315 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 861076
Ion Ratio Lower Upper
228 100
226 27.6 23.4 35.0
229 20.0 17.2 25.8

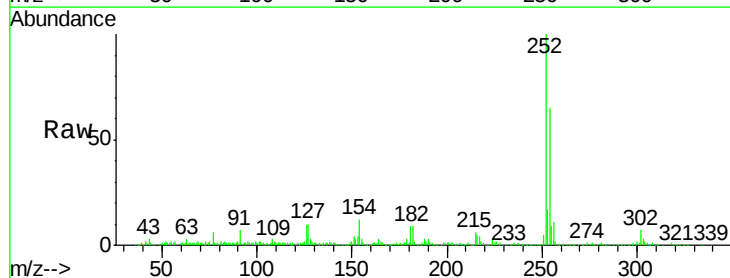


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

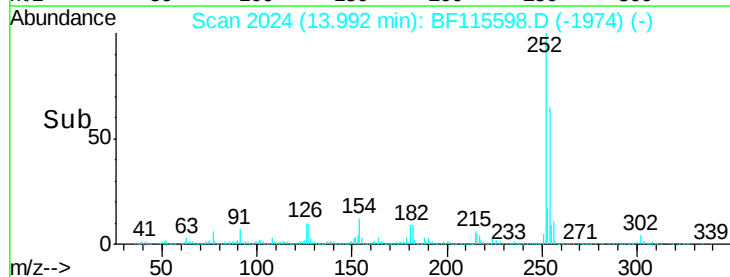
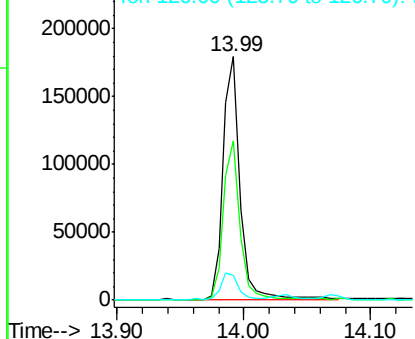


#82
3,3'-Dichlorobenzidine
Concen: 23.035 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:252 Resp: 166635
Ion Ratio Lower Upper
252 100
254 65.2 52.9 79.3
126 10.2 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 43.107 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

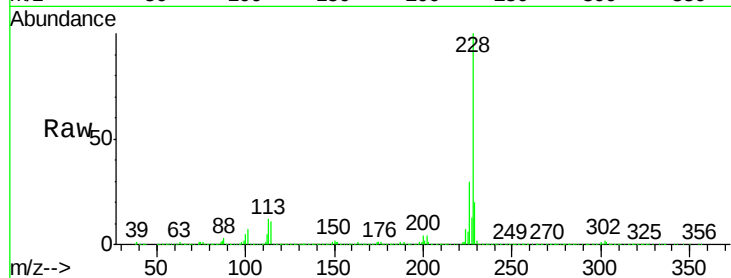
Tot Ion:228 Resp: 880575

Ion Ratio Lower Upper

228 100

226 30.4 25.7 38.5

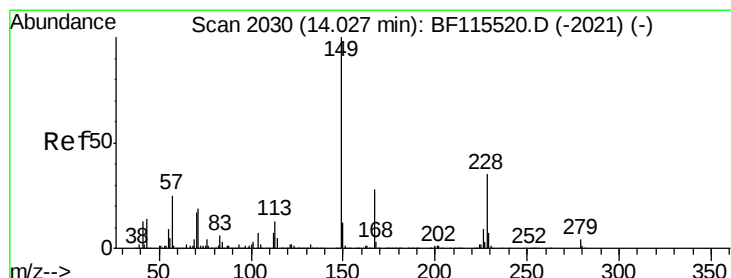
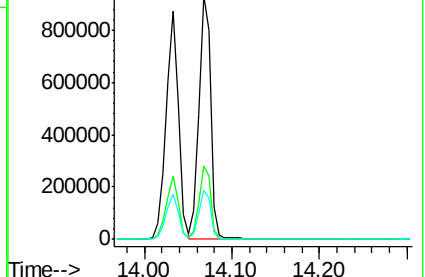
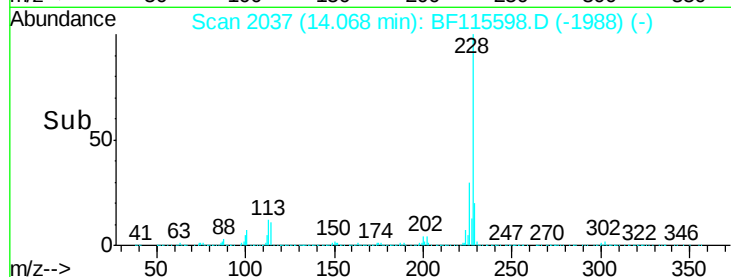
229 19.9 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.412 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

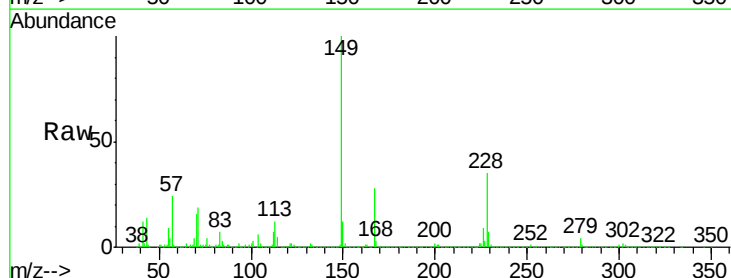
Tgt Ion:149 Resp: 627530

Ion Ratio Lower Upper

149 100

167 27.6 23.0 34.4

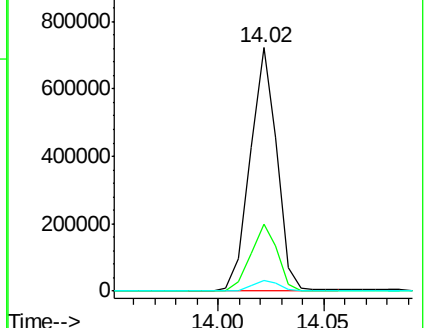
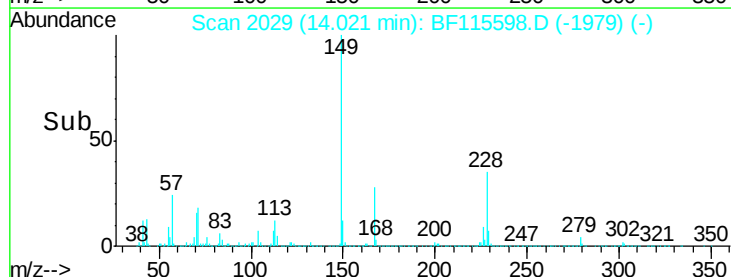
279 4.2 4.2 6.2

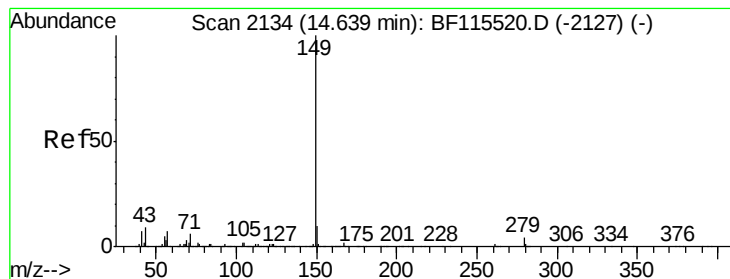


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.731 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

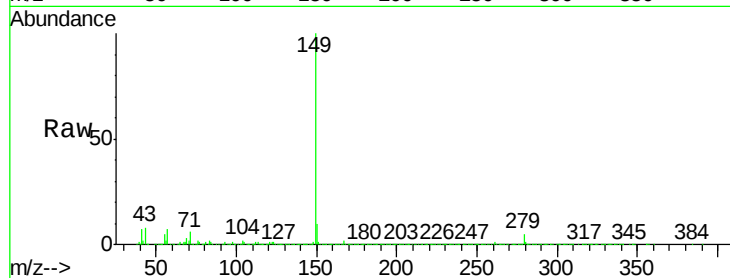
Tot Ion:149 Resp: 1071419

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

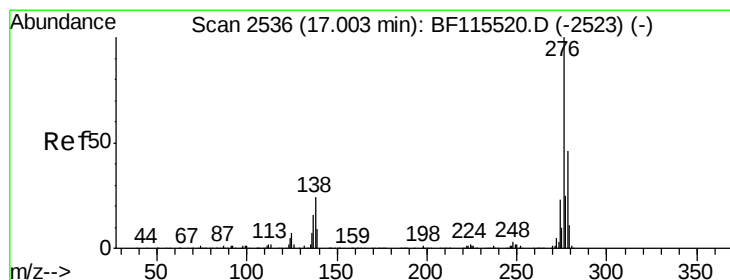
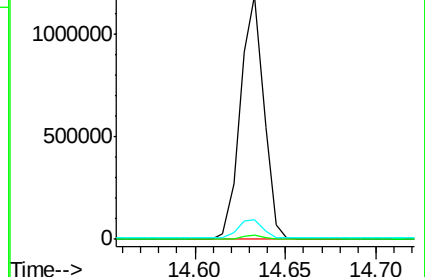
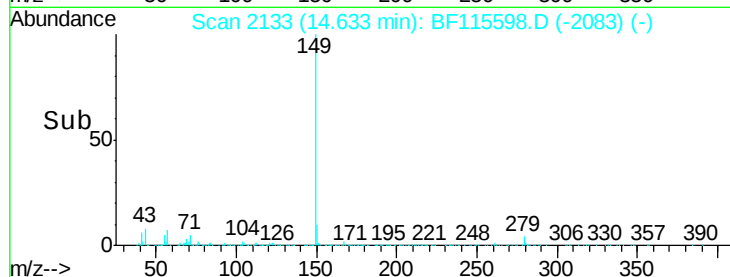
43 8.1 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.825 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

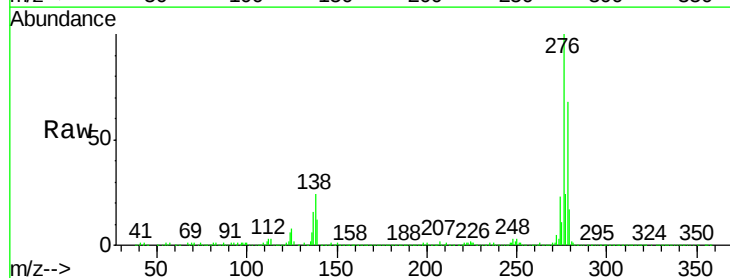
Tgt Ion:276 Resp: 1072972

Ion Ratio Lower Upper

276 100

138 24.5 20.2 30.2

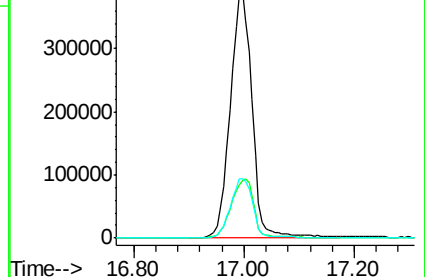
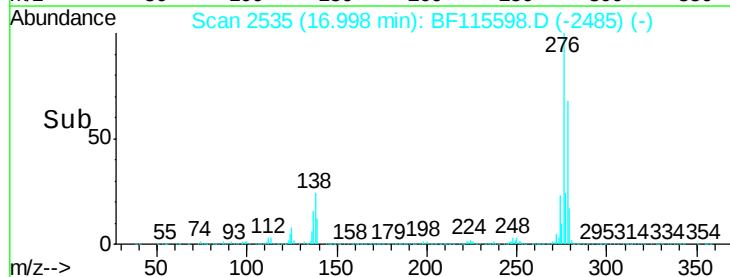
277 24.8 20.4 30.6

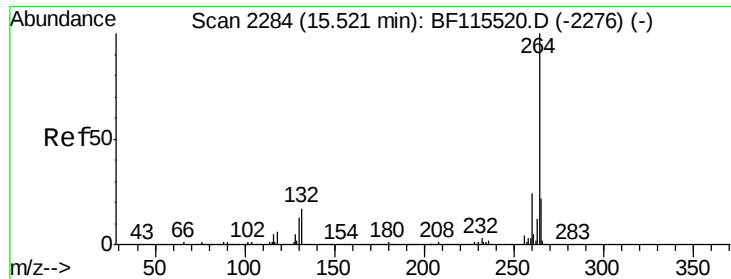


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Instrument :

BNA_F

ClientSampleId :

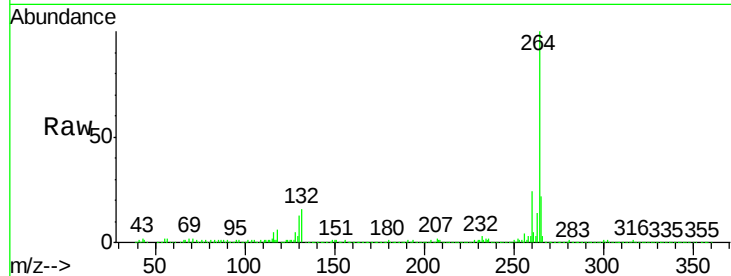
Tot Ion:264 Resp: 409146

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

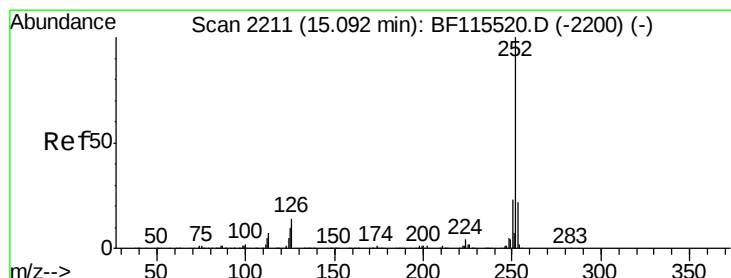
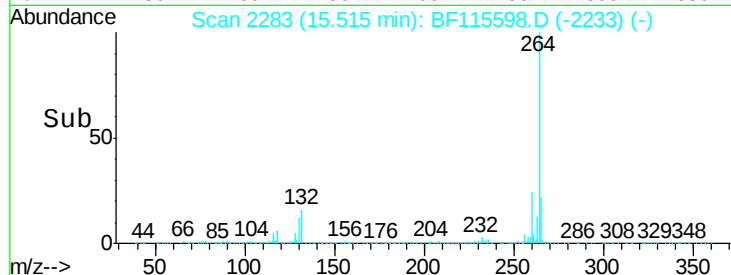
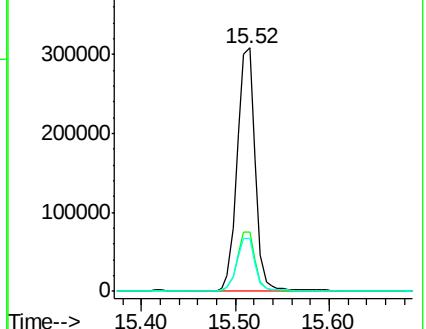
265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 35.771 ng

RT: 15.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

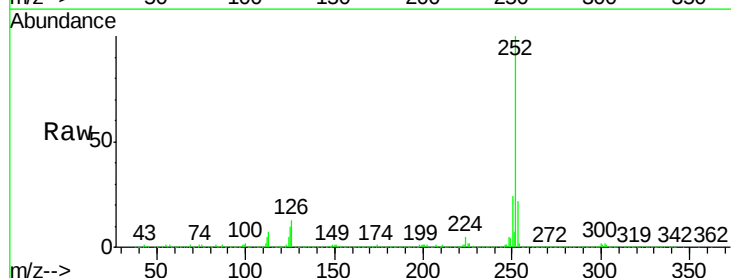
Tgt Ion:252 Resp: 942403

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

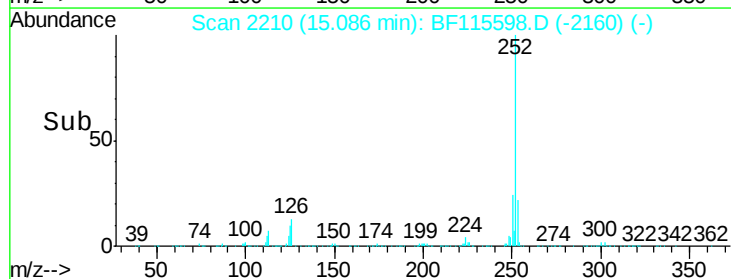
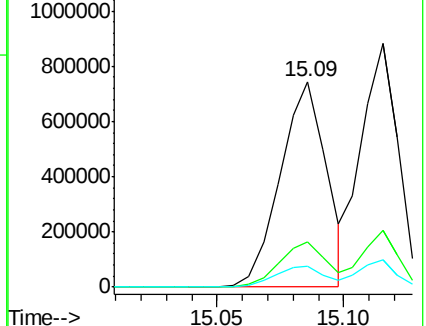
125 10.3 9.0 13.4

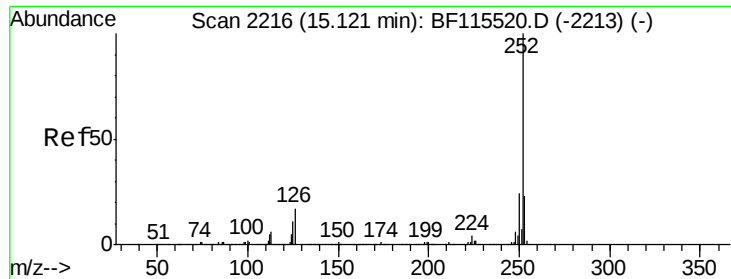


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

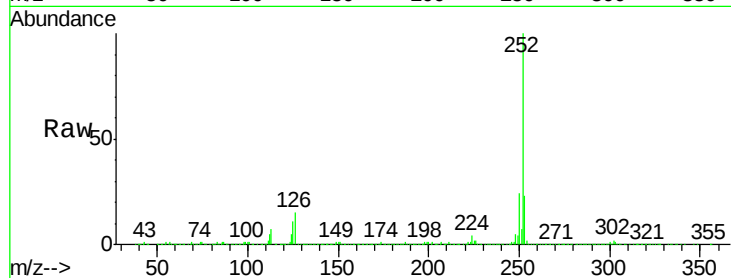




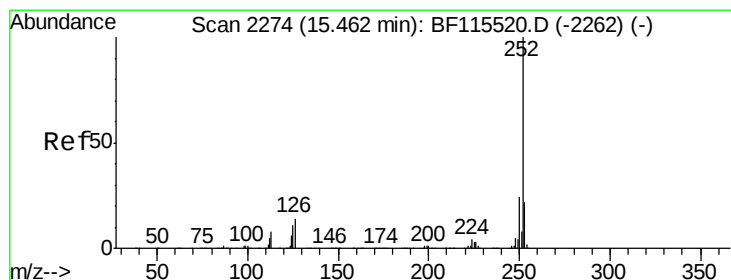
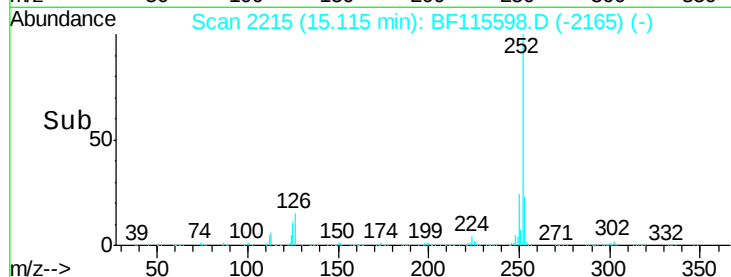
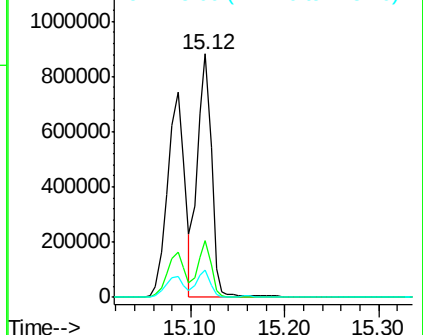
#89
Benzo(k)fluoranthene
Concen: 39.073 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 917776
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 11.0 9.0 13.6

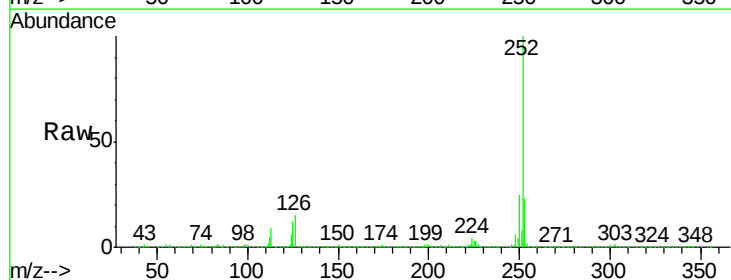


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

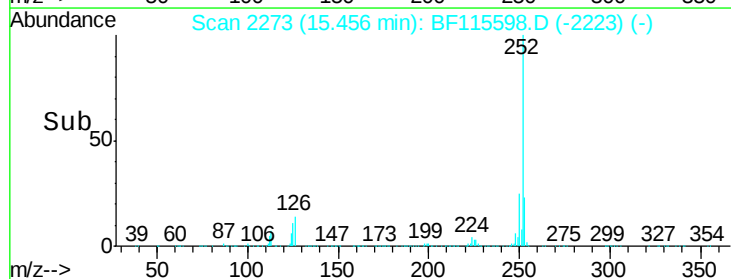
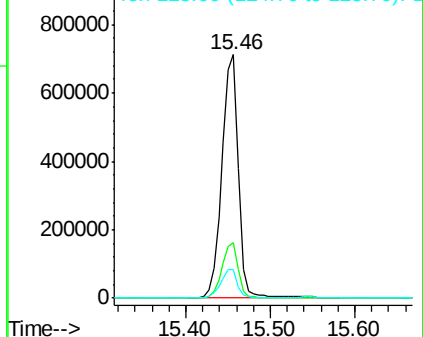


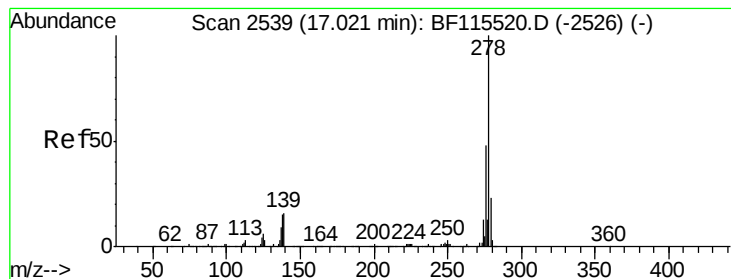
#90
Benzo(a)pyrene
Concen: 42.569 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115598.D
Acq: 16 Jul 2019 15:42

Tgt Ion:252 Resp: 963924
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.5 9.1 13.7



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





#91

Dibenzo(a,h)anthracene

Concen: 43.980 ng

RT: 17.01 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

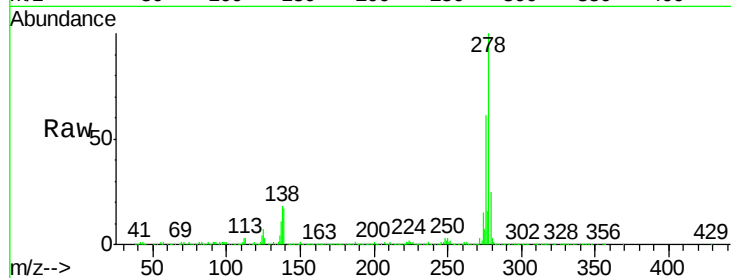
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 874278

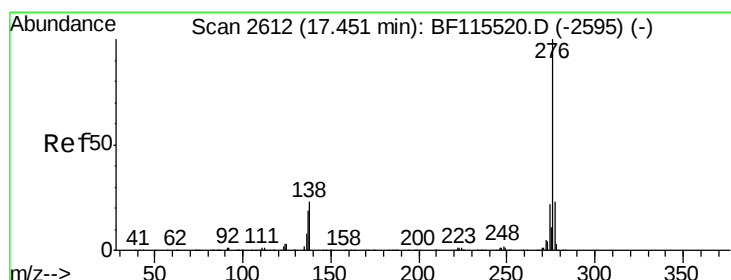
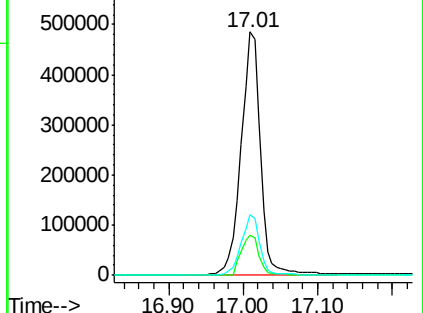
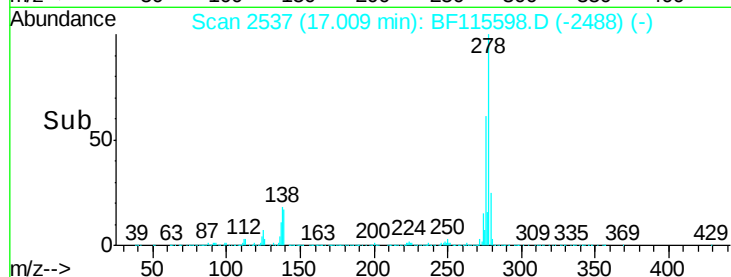
Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.1	19.7
279	24.7	19.6	29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.278 ng

RT: 17.44 min Scan# 2611

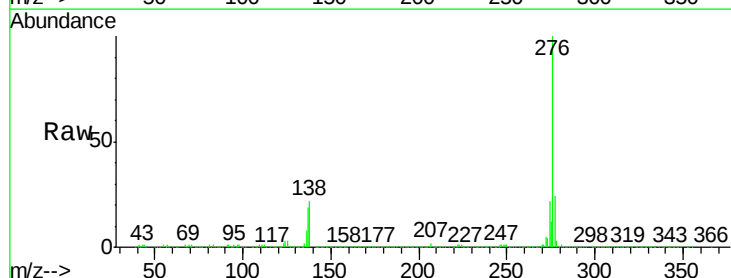
Delta R.T. -0.01 min

Lab File: BF115598.D

Acq: 16 Jul 2019 15:42

Tgt Ion:276 Resp: 858024

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	21.6	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

