

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115895.D
 Acq On : 1 Aug 2019 9:36
 Operator : HP/JU
 Sample : PB121854BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 13:42:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	145938	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	599757	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	329267	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	574346	20.00	ng	0.00
76) Chrysene-d12	14.03	240	406286	20.00	ng	0.00
87) Perylene-d12	15.50	264	359496	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1015029	116.43	ng	0.02
7) Phenol-d6	6.50	99	1284017	116.74	ng	0.01
23) Nitrobenzene-d5	7.42	82	844290	81.26	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	374025	117.16	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1481954	84.30	ng	0.00
79) Terphenyl-d14	12.97	244	1631218	84.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	181509	41.214	ng	98
3) Pyridine	3.46	79	479133	38.946	ng	99
4) n-Nitrosodimethylamine	3.41	42	208655	42.978	ng	96
6) Aniline	6.52	93	519057	32.953	ng	# 79
8) 2-Chlorophenol	6.65	128	445906	46.256	ng	98
9) Benzaldehyde	6.40	77	259523	34.197	ng	98
10) Phenol	6.51	94	552354	42.646	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	431063	45.267	ng	97
12) 1,3-Dichlorobenzene	6.80	146	472535	42.415	ng	99
13) 1,4-Dichlorobenzene	6.87	146	480393	43.066	ng	98
14) 1,2-Dichlorobenzene	7.03	146	442211	43.053	ng	99
15) Benzyl Alcohol	7.00	79	389349	46.646	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	565192	43.514	ng	94
17) 2-Methylphenol	7.12	107	379987	46.552	ng	98
18) Hexachloroethane	7.37	117	178028	43.348	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	304783	44.718	ng	98
20) 3+4-Methylphenols	7.26	107	446596	46.234	ng	# 87
22) Acetophenone	7.26	105	596189	45.326	ng	97
24) Nitrobenzene	7.44	77	492999	43.943	ng	95
25) Isophorone	7.67	82	897007	45.149	ng	99
26) 2-Nitrophenol	7.75	139	246493	46.610	ng	97
27) 2,4-Dimethylphenol	7.79	122	406634	51.108	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	546813	44.405	ng	100
29) 2,4-Dichlorophenol	8.00	162	384740	45.798	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	416023	43.443	ng	99
31) Naphthalene	8.16	128	1275236	45.184	ng	100
32) Benzoic acid	7.94	122	243134	43.343	ng	100
33) 4-Chloroaniline	8.20	127	353090	28.000	ng	98
34) Hexachlorobutadiene	8.27	225	232455	42.143	ng	99
35) Caprolactam	8.59	113	70286	25.868	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	409683	46.877	ng	96
37) 2-Methylnaphthalene	8.86	142	857387	46.127	ng	99
38) 1-Methylnaphthalene	8.96	142	801765	45.595	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	392038	44.536	ng	99

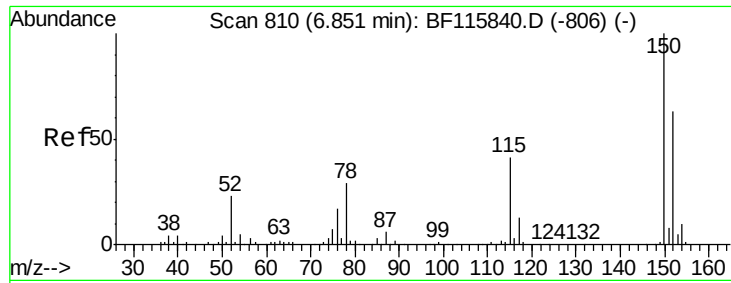
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115895.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	275286	70.427	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	263803	43.539	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	281036	44.871	ng	96
46) 1,1'-Biphenyl	9.32	154	1028780	44.256	ng	99
47) 2-Chloronaphthalene	9.35	162	825938	42.689	ng	99
48) 2-Nitroaniline	9.44	65	267195	41.781	ng	90
49) Acenaphthylene	9.76	152	1251075	44.323	ng	99
50) Dimethylphthalate	9.62	163	978093	43.627	ng	100
51) 2,6-Dinitrotoluene	9.69	165	221365	45.435	ng	99
52) Acenaphthene	9.93	154	750910	43.364	ng	100
53) 3-Nitroaniline	9.85	138	186189	30.928	ng	92
54) 2,4-Dinitrophenol	9.97	184	173922	71.144	ng	95
55) Dibenzofuran	10.10	168	1120114	44.480	ng	97
56) 4-Nitrophenol	10.03	139	321303	83.315	ng	98
57) 2,4-Dinitrotoluene	10.09	165	288586	44.488	ng	92
58) Fluorene	10.45	166	847543	43.744	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	238459	45.254	ng	99
60) Diethylphthalate	10.32	149	927570	44.315	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	431594	43.984	ng	97
62) 4-Nitroaniline	10.47	138	239756	38.537	ng	99
63) Azobenzene	10.60	77	966806	44.907	ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	138237	45.418	ng	93
66) n-Nitrosodiphenylamine	10.56	169	784257	45.366	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	270104	43.931	ng	97
68) Hexachlorobenzene	11.00	284	302623	42.565	ng	99
69) Atrazine	11.09	200	252521	44.402	ng	98
70) Pentachlorophenol	11.20	266	309121	89.556	ng	98
71) Phenanthrene	11.42	178	1284754	43.756	ng	100
72) Anthracene	11.46	178	1324374	44.569	ng	98
73) Carbazole	11.62	167	1172803	43.503	ng	100
74) Di-n-butylphthalate	11.95	149	1423532	45.264	ng	100
75) Fluoranthene	12.60	202	1357456	44.161	ng	100
77) Benzidine	12.72	184	571338	41.624	ng	97
78) Pyrene	12.83	202	1387882	45.316	ng	100
80) Butylbenzylphthalate	13.44	149	614023	47.396	ng	96
81) Benzo(a)anthracene	14.02	228	1131359	43.567	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	313637	34.764	ng	# 99
83) Chrysene	14.06	228	1094655	43.419	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	837181	49.728	ng	100
85) Di-n-octyl phthalate	14.61	149	1303488	48.746	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	867873	40.986	ng	99
88) Benzo(b)fluoranthene	15.07	252	1014797	48.820	ng	98
89) Benzo(k)fluoranthene	15.10	252	906857	44.791	ng	98
90) Benzo(a)pyrene	15.44	252	895036	48.168	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	723462	44.979	ng	100
92) Benzo(g,h,i)perylene	17.43	276	722418	45.733	ng	98

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

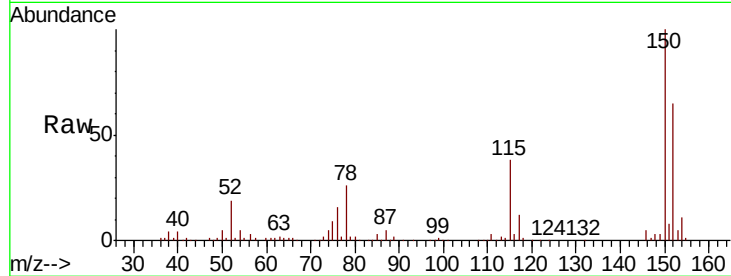


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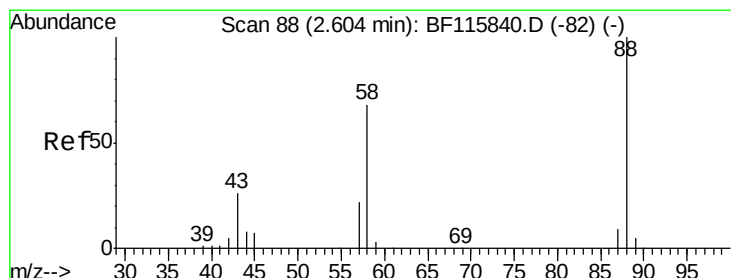
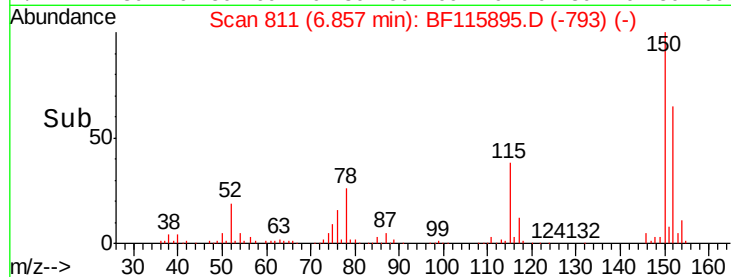
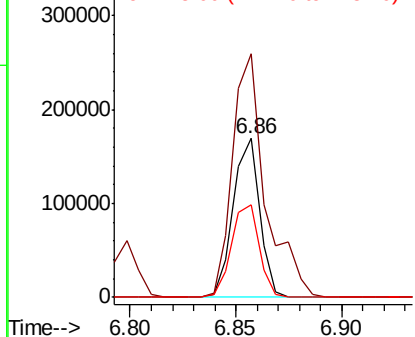
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145938
Ion Ratio Lower Upper
152 100
150 153.3 127.4 191.0
115 58.7 51.8 77.8



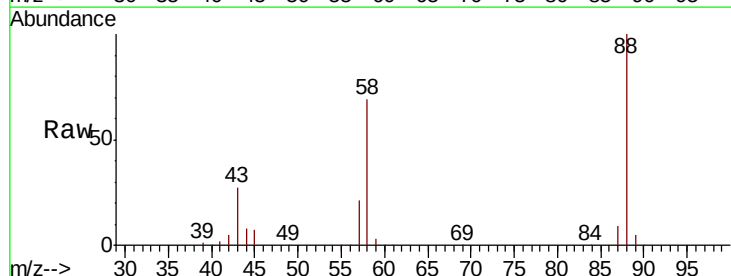
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



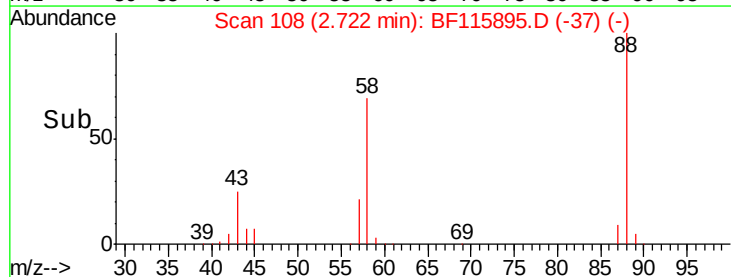
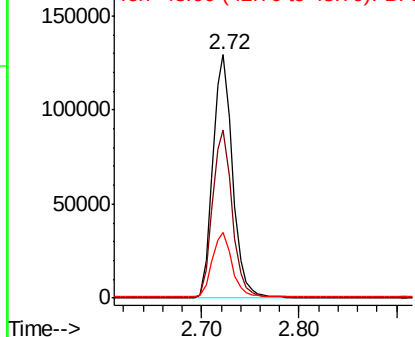
#2

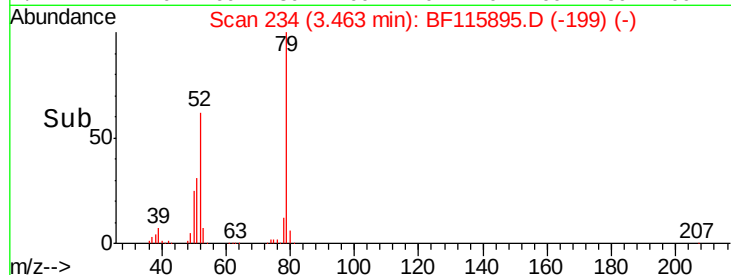
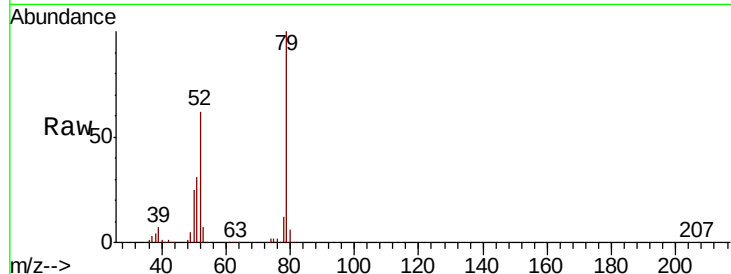
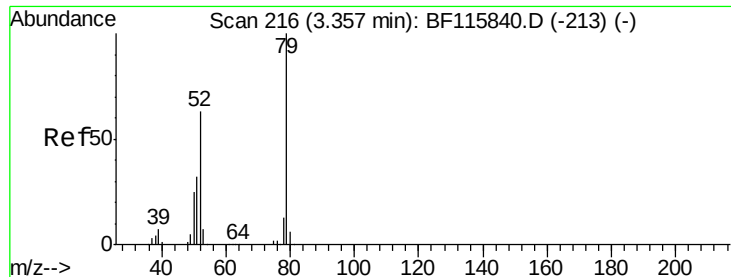
1,4-Dioxane
Concen: 41.214 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.12 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion: 88 Resp: 181509
Ion Ratio Lower Upper
88 100
58 69.7 54.1 81.1
43 26.0 20.7 31.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

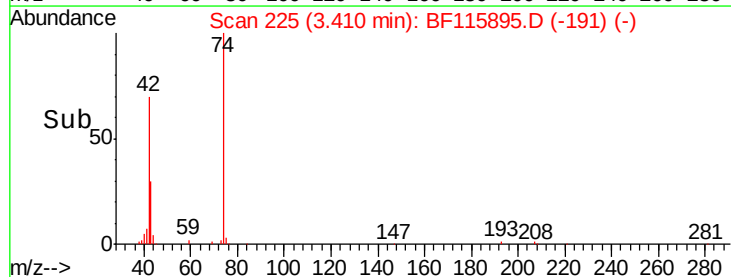
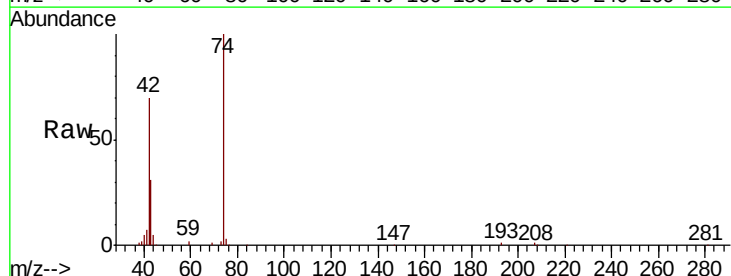
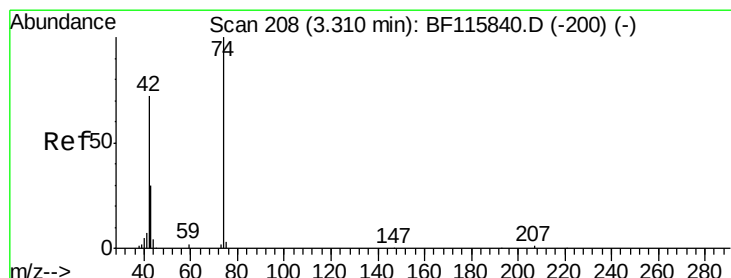
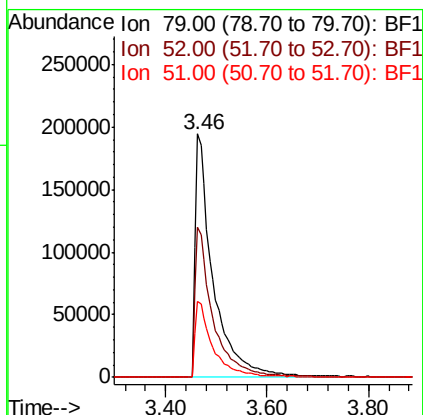




#3
 Pvridine
 Concen: 38.946 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.11 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

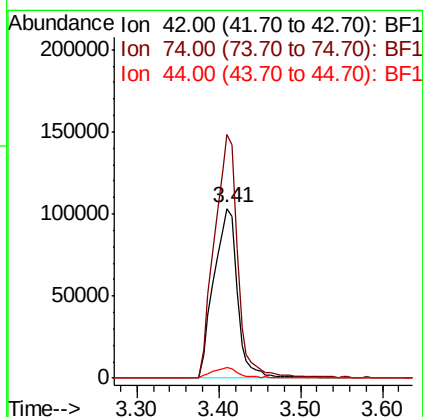
Instrument :
 BNA_F
 ClientSampleId :

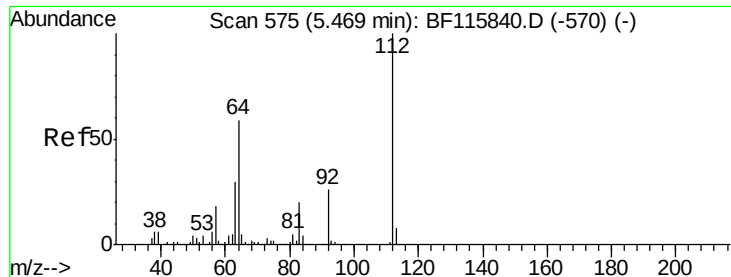
Tot Ion: 79 Resp: 479133
 Ion Ratio Lower Upper
 79 100
 52 61.7 50.2 75.4
 51 31.3 25.8 38.6



#4
 n-Nitrosodimethylamine
 Concen: 42.978 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.10 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion: 42 Resp: 208655
 Ion Ratio Lower Upper
 42 100
 74 143.7 111.0 166.4
 44 6.5 4.7 7.1





#5

2-Fluorophenol

Concen: 116.434 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

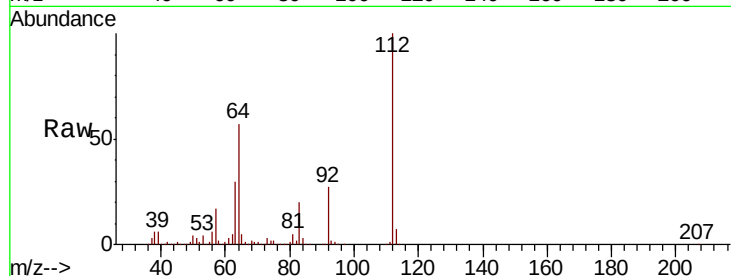
Tot Ion:112 Resp: 1015029

Ion Ratio Lower Upper

112 100

64 57.0 46.8 70.2

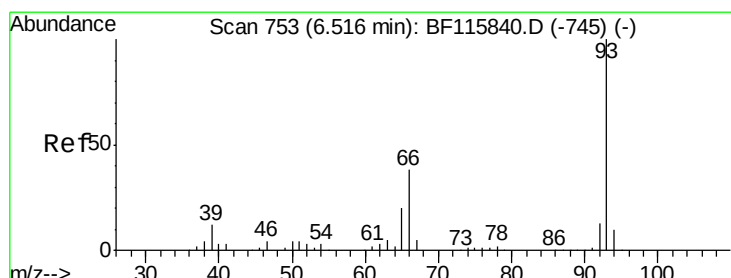
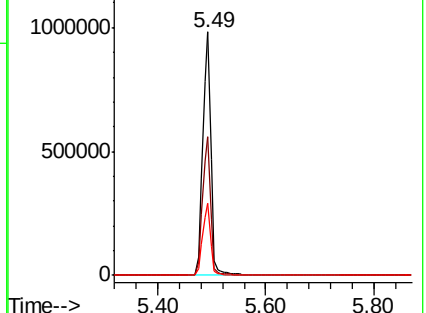
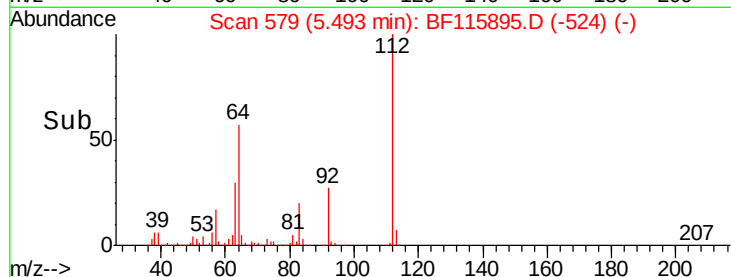
63 29.7 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.953 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

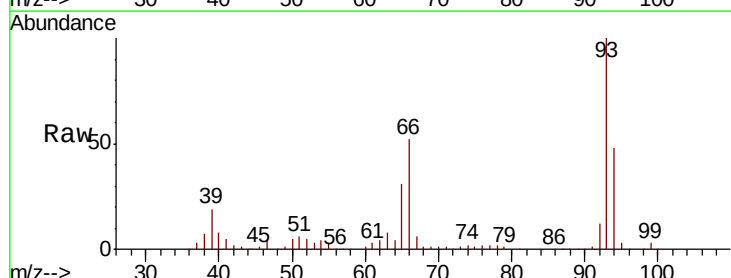
Tgt Ion: 93 Resp: 519057

Ion Ratio Lower Upper

93 100

66 52.1 31.4 47.0#

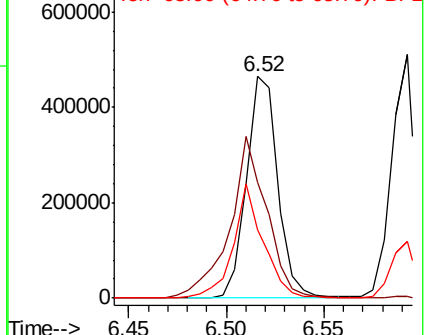
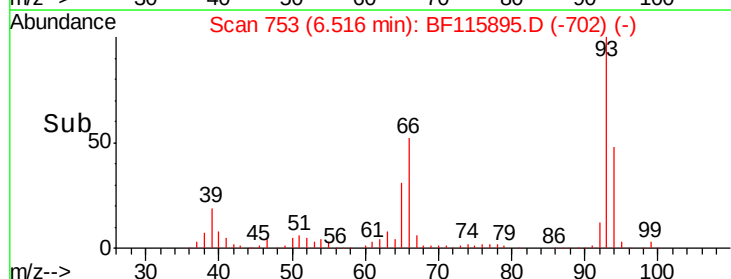
65 30.7 16.5 24.7#

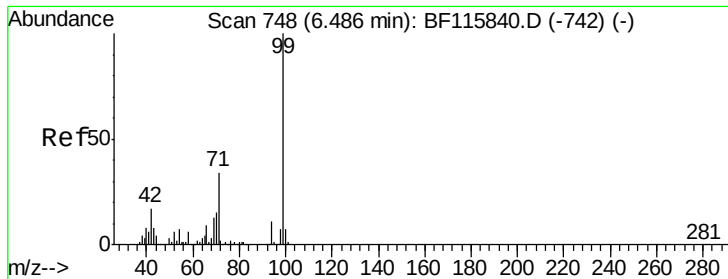


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 116.742 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

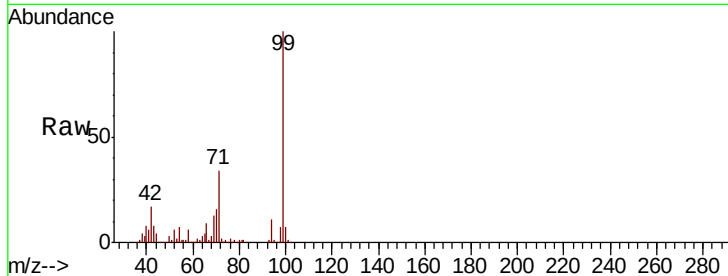
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1284017

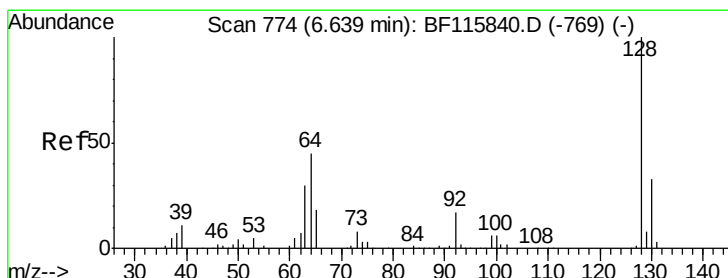
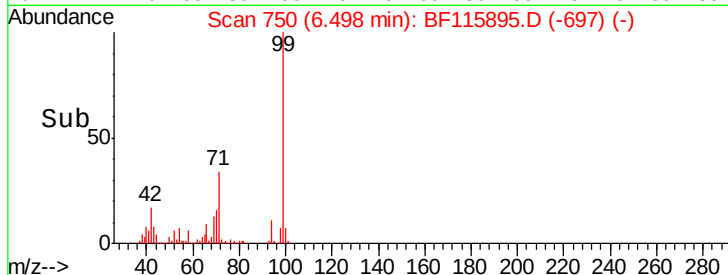
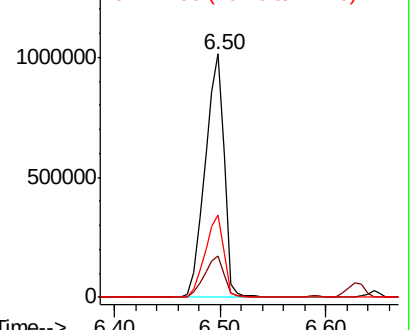
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	34.1	27.1	40.7



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: 46.256 ng

RT: 6.65 min Scan# 775

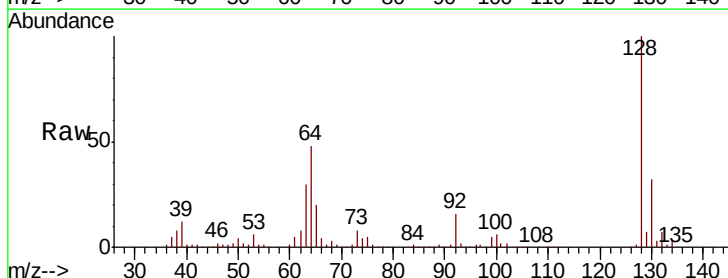
Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Tgt Ion: 128 Resp: 445906

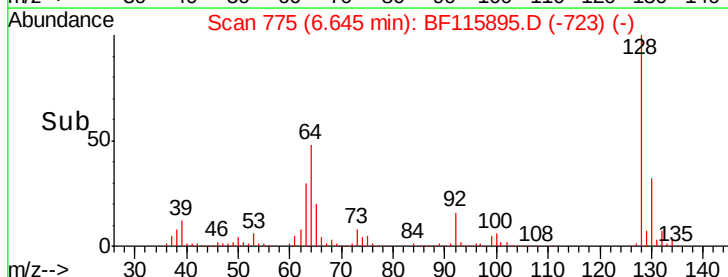
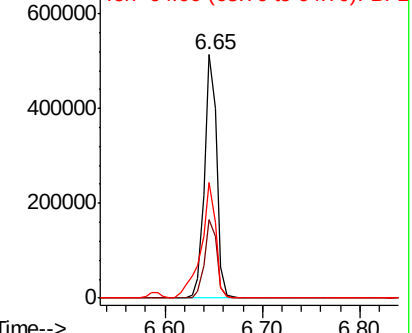
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	47.6	26.1	66.1

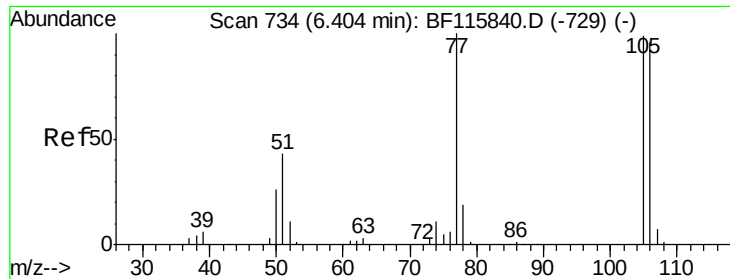


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

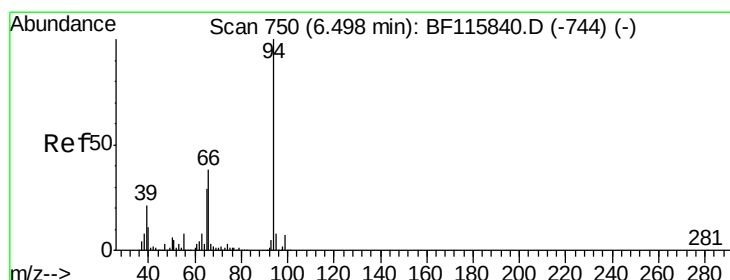
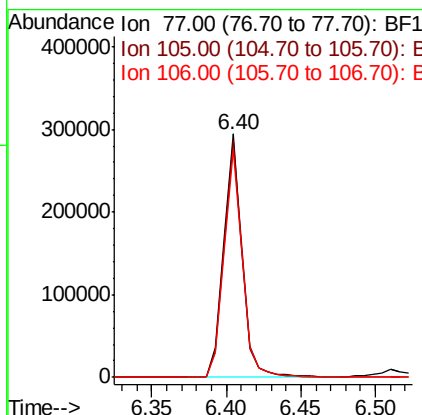
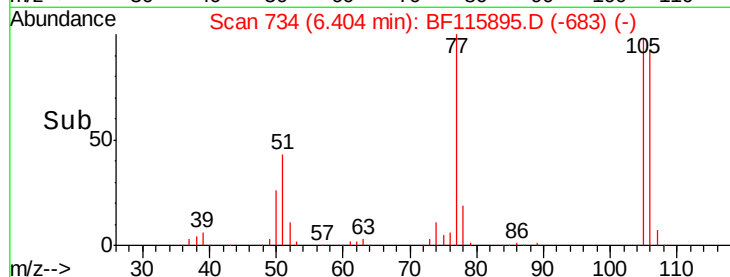
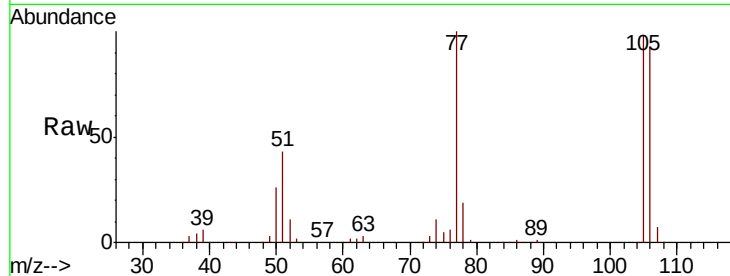




#9
Benzaldehyde
Concen: 34.197 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

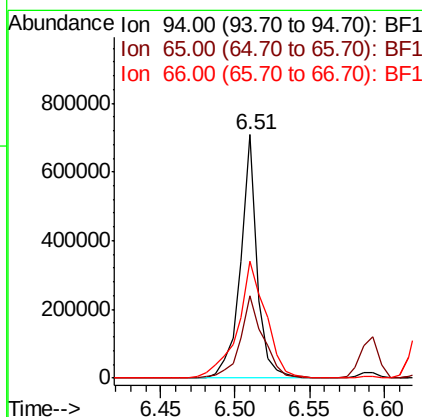
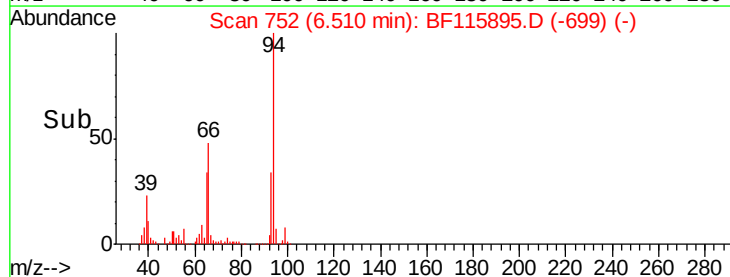
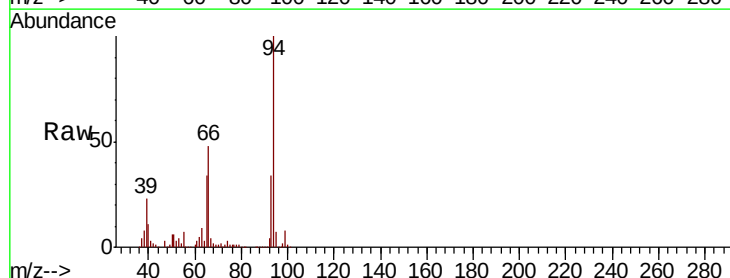
Instrument :
BNA_F
ClientSampleId :

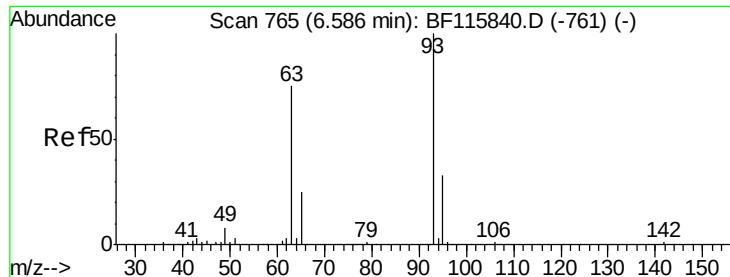
Tot Ion: 77 Resp: 259523
Ion Ratio Lower Upper
77 100
105 97.6 79.0 119.0
106 93.2 76.2 116.2



#10
Phenol
Concen: 42.646 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion: 94 Resp: 552354
Ion Ratio Lower Upper
94 100
65 33.7 8.9 48.9
66 48.0 18.0 58.0

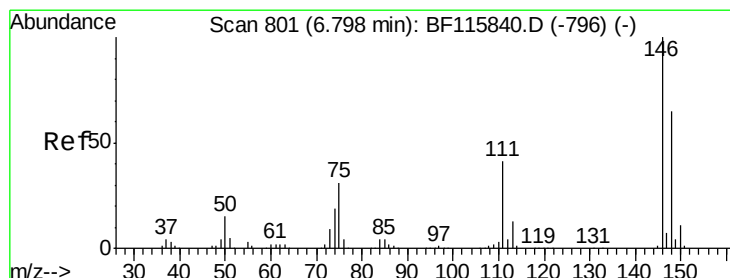
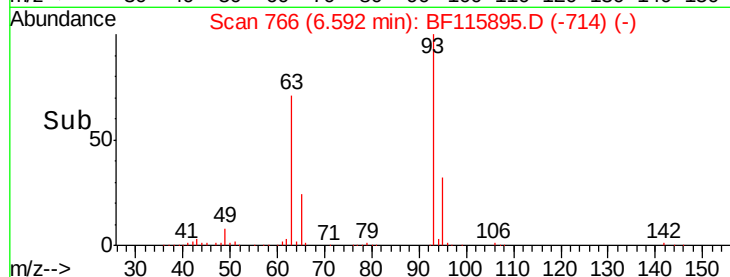
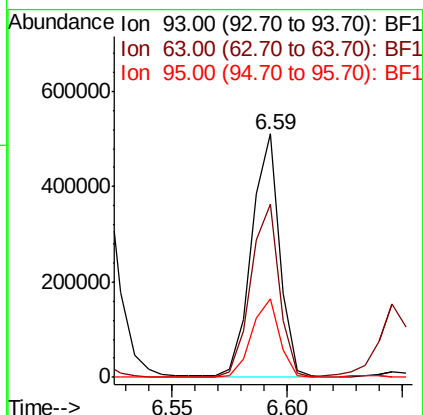
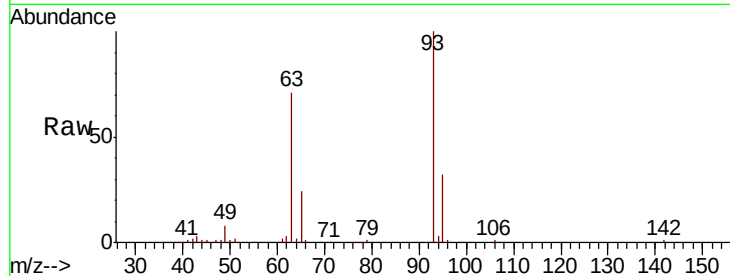




#11
 bis(2-Chloroethyl)ether
 Concen: 45.267 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

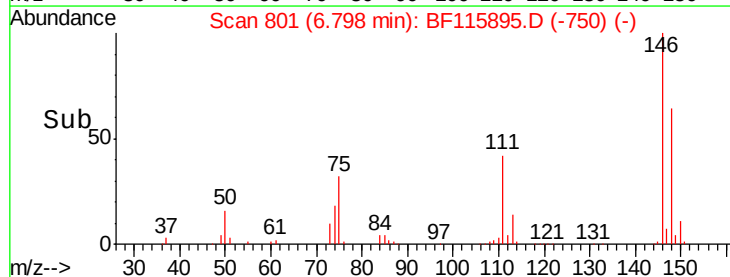
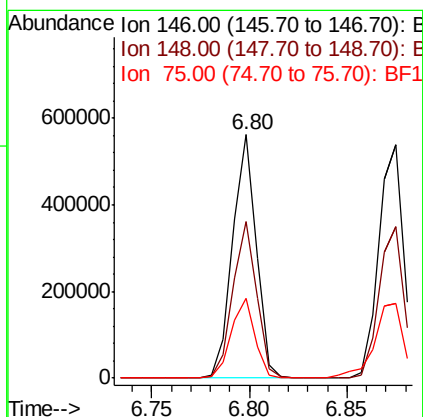
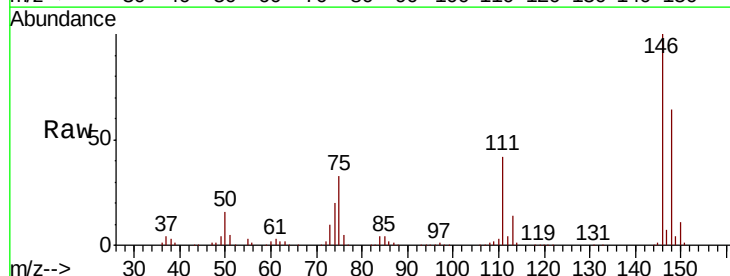
Instrument :
 BNA_F
 ClientSampleId :

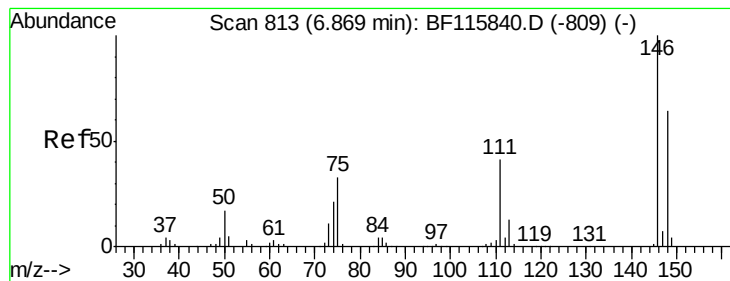
Tot Ion: 93 Resp: 431063
 Ion Ratio Lower Upper
 93 100
 63 71.4 54.9 94.9
 95 32.1 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 42.415 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion: 146 Resp: 472535
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.1 78.1
 75 32.6 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 43.066 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampled :

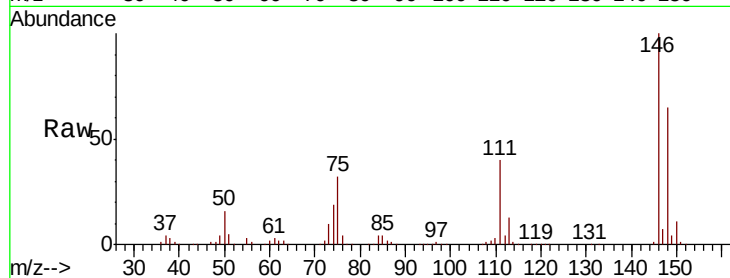
Tot Ion:146 Resp: 480393

Ion Ratio Lower Upper

146 100

148 65.3 51.2 76.8

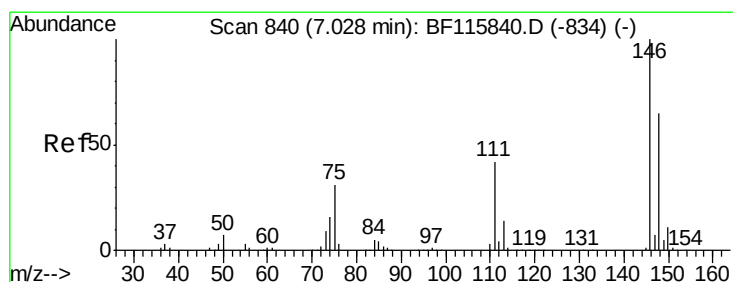
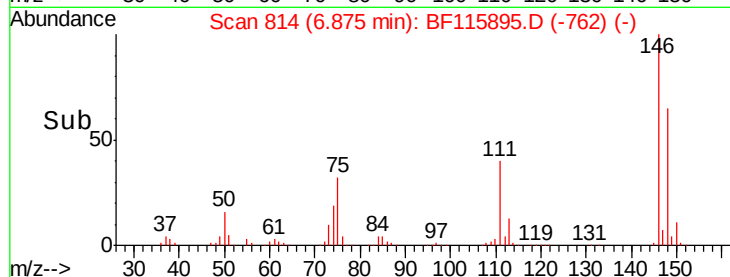
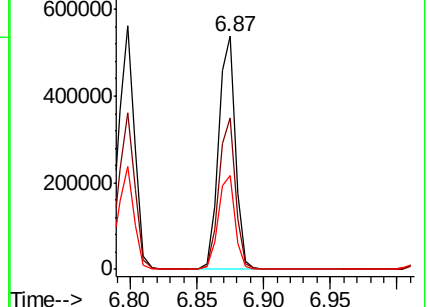
111 40.1 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.053 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

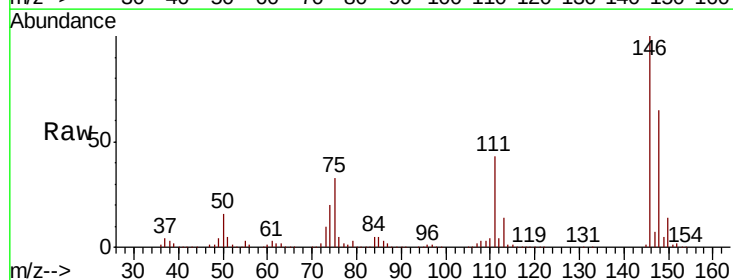
Tgt Ion:146 Resp: 442211

Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

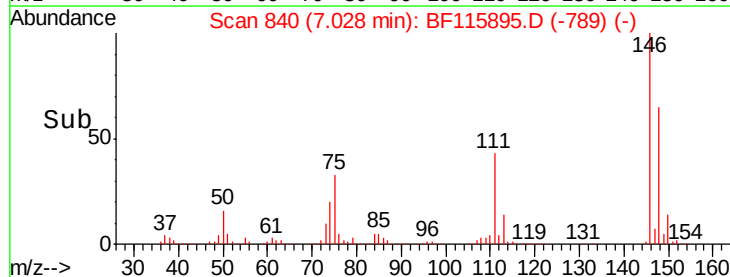
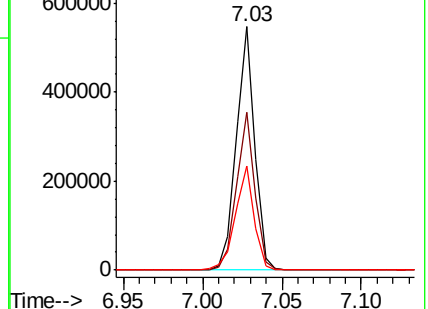
111 42.6 33.6 50.4

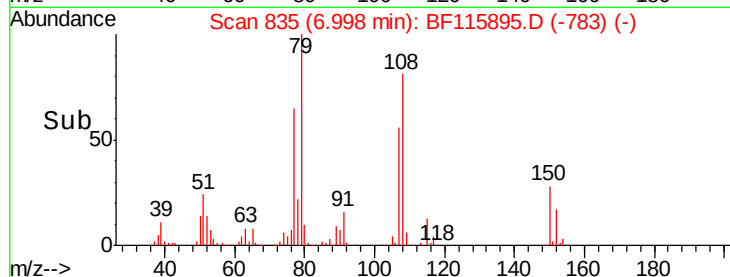
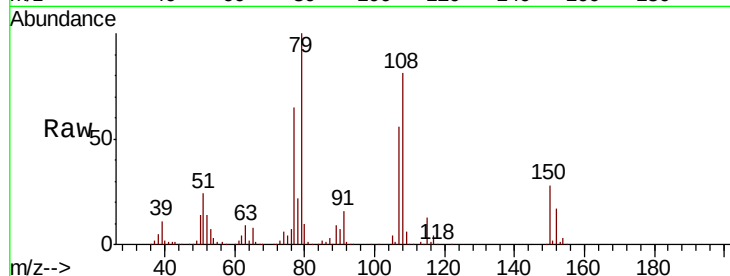
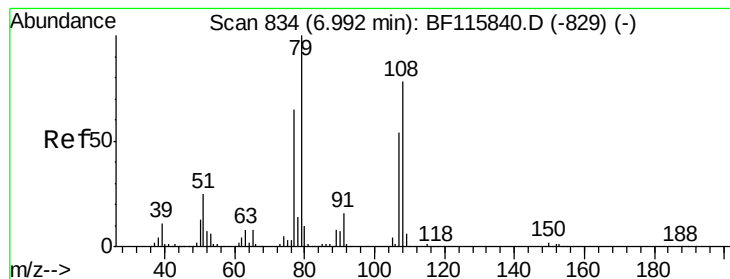


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.646 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampled :

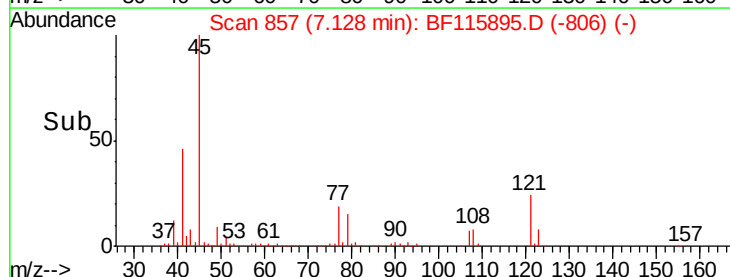
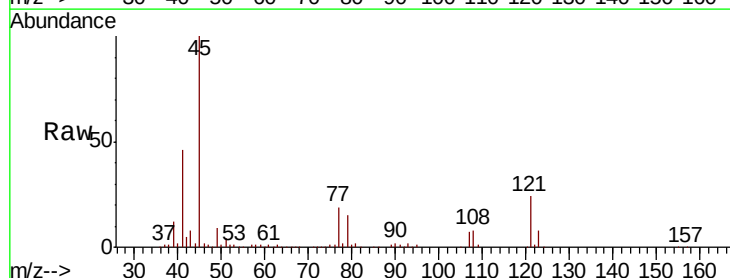
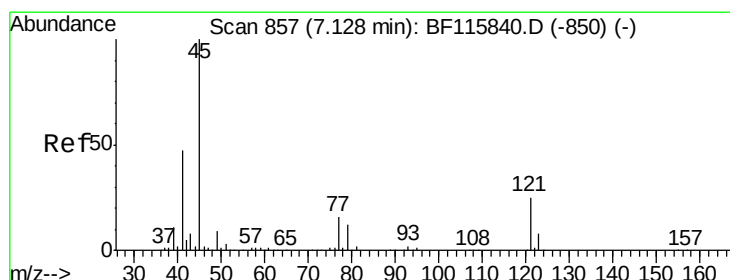
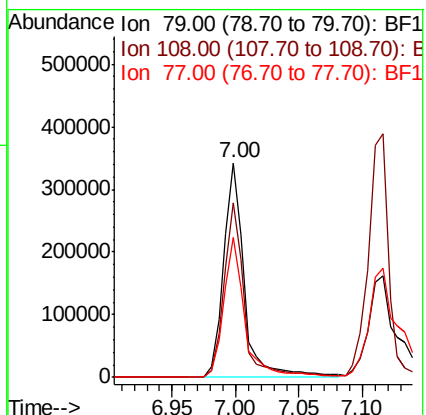
Tot Ion: 79 Resp: 389349

Ion Ratio Lower Upper

79 100

108 81.0 62.8 94.2

77 65.4 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.514 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

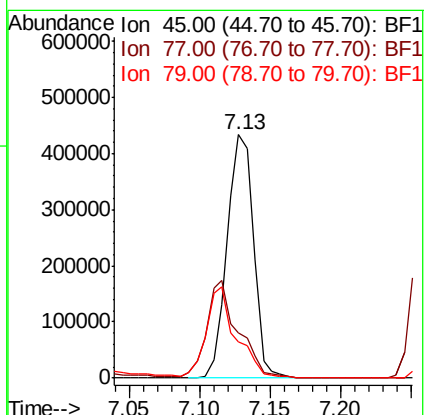
Tgt Ion: 45 Resp: 565192

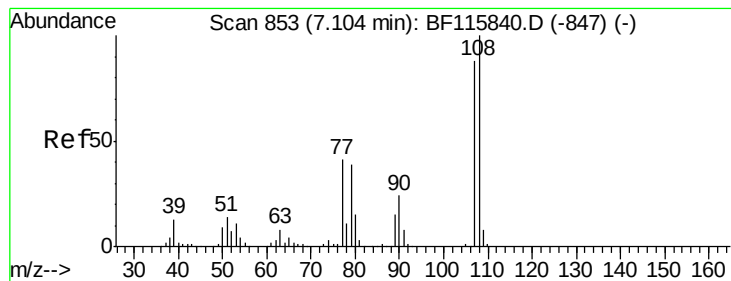
Ion Ratio Lower Upper

45 100

77 18.8 0.0 36.3

79 14.8 0.0 32.5

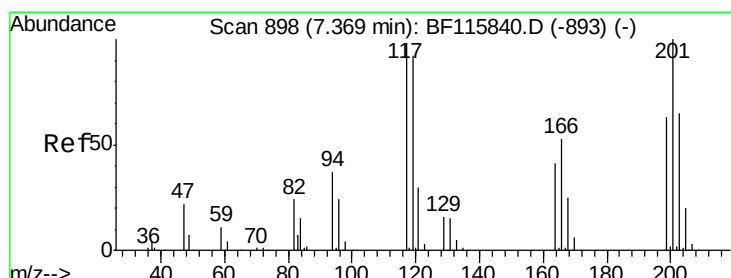
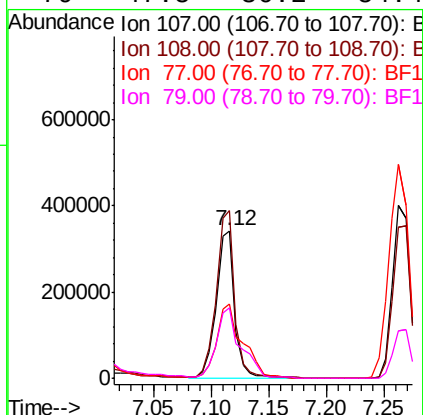
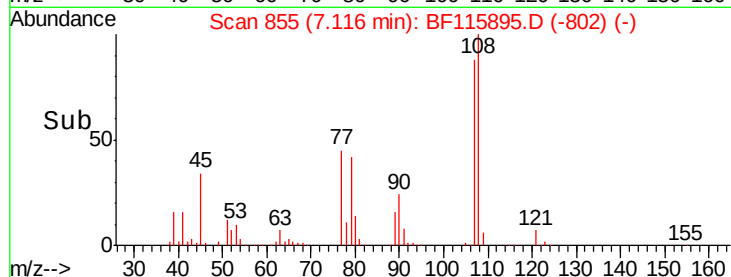
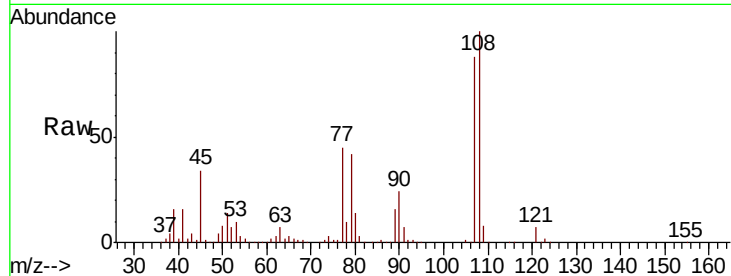




#17
2-Methylphenol
Concen: 46.552 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

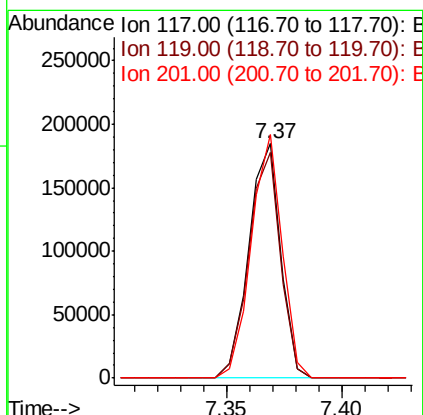
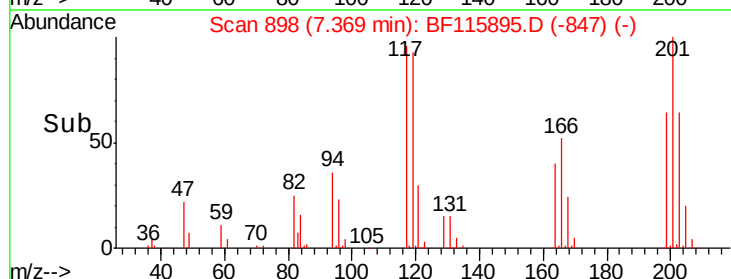
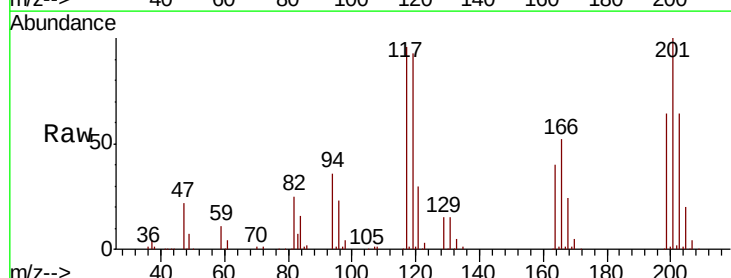
Instrument :
BNA_F
ClientSampled :

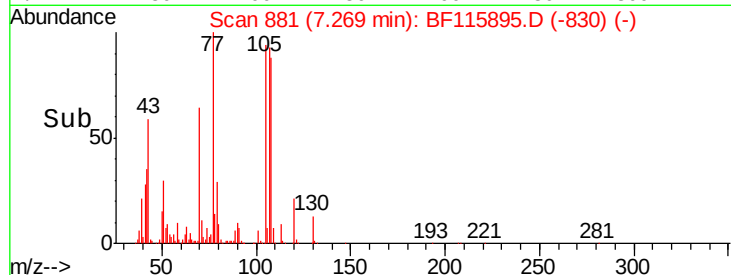
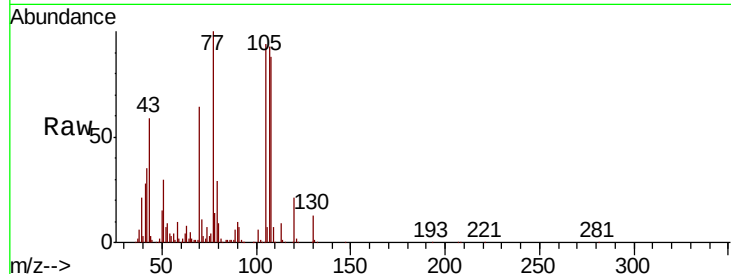
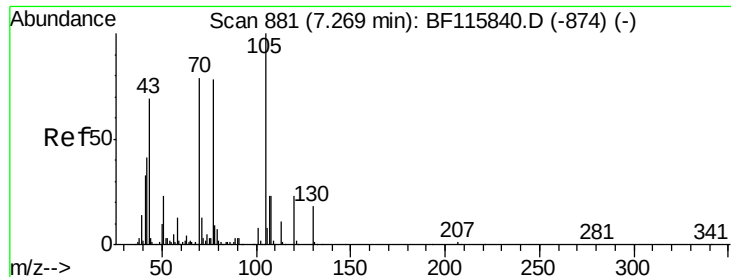
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.4	137.0
77	50.8	37.6	56.4
79	47.5	36.2	54.4



#18
Hexachloroethane
Concen: 43.348 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.6
201	103.8	82.0	123.0

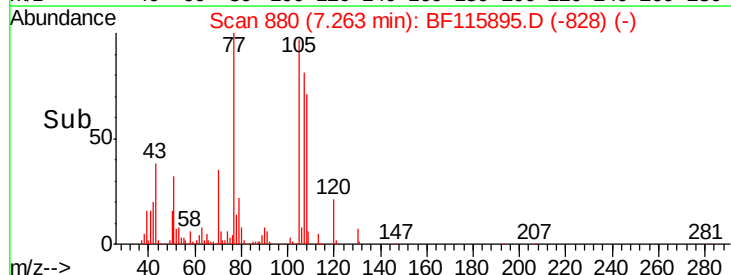
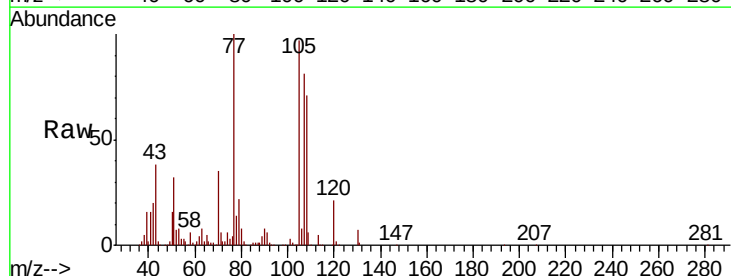
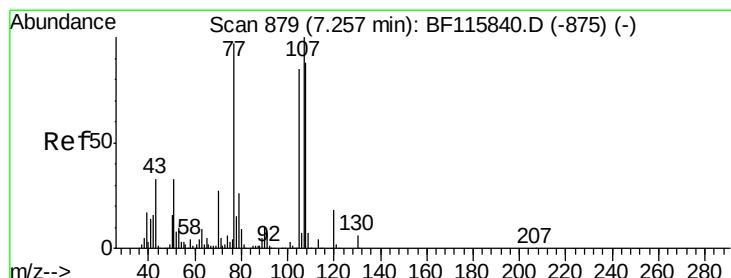
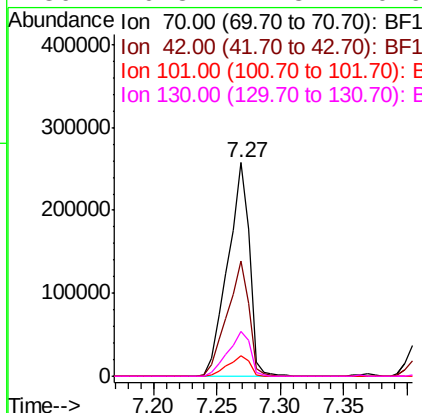




#19
n-Nitroso-di-n-propylamine
Concen: 44.718 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

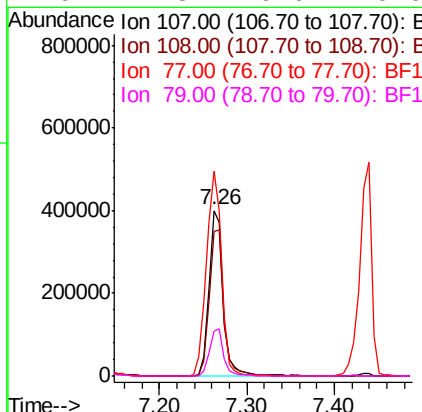
Instrument :
BNA_F
ClientSampleId :

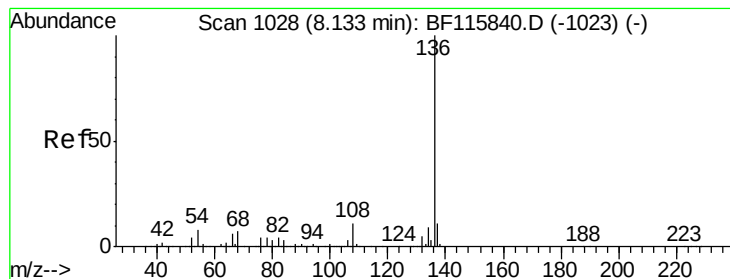
Tot Ion: 70 Resp: 304783
Ion Ratio Lower Upper
70 100
42 53.8 41.8 62.8
101 9.8 7.7 11.5
130 20.8 17.8 26.6



#20
3+4-Methylphenols
Concen: 46.234 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:107 Resp: 446596
Ion Ratio Lower Upper
107 100
108 87.4 67.9 107.9
77 123.7 77.3 117.3#
79 27.3 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 599757

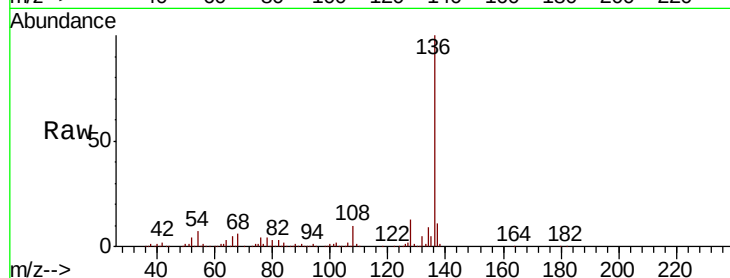
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.9 6.1 9.1

68 6.2 5.4 8.2

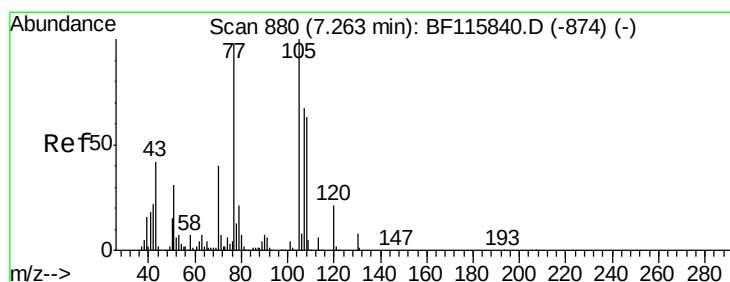
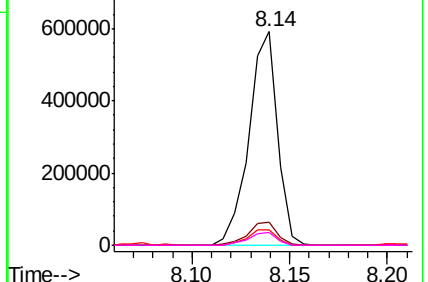
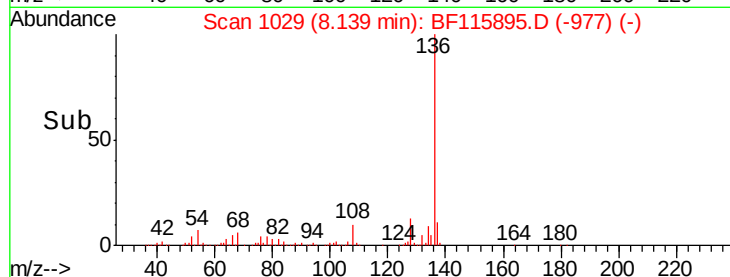


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.326 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Tgt Ion:105 Resp: 596189

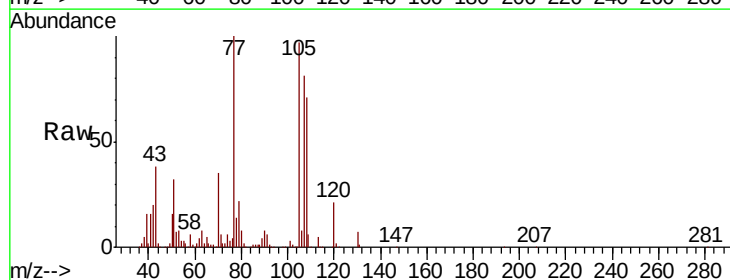
Ion Ratio Lower Upper

105 100

71 6.2 5.4 8.0

51 33.3 24.6 36.8

120 22.2 17.0 25.6

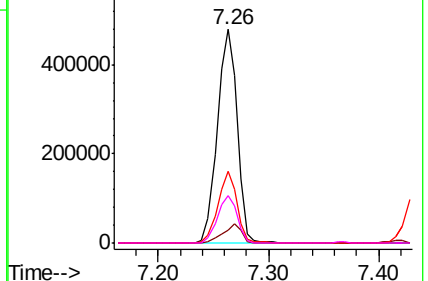
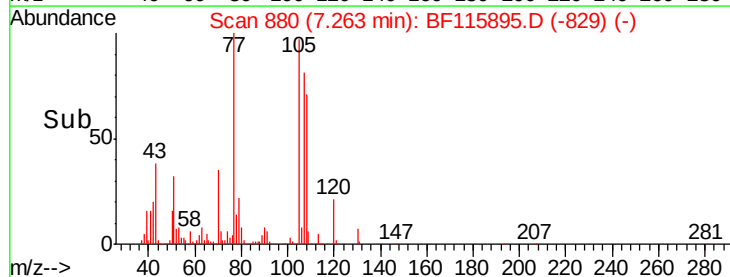


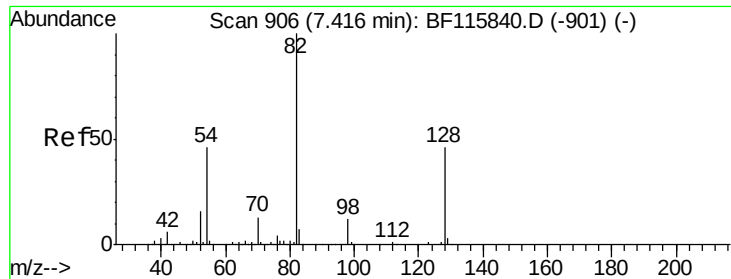
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

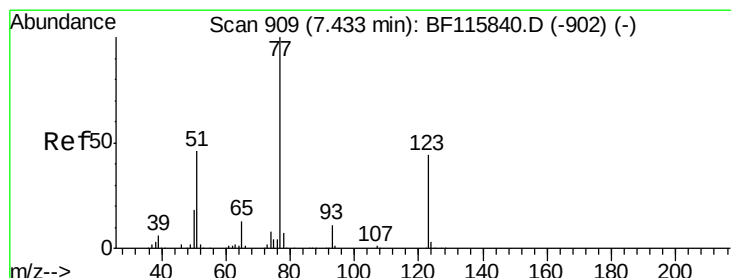
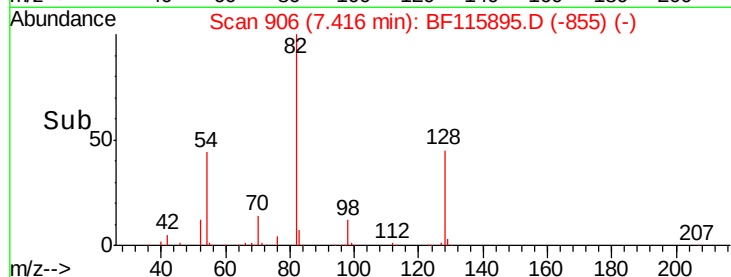
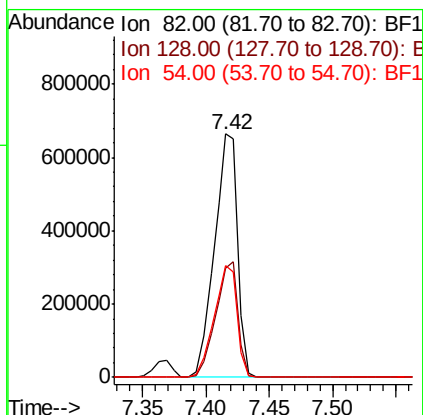
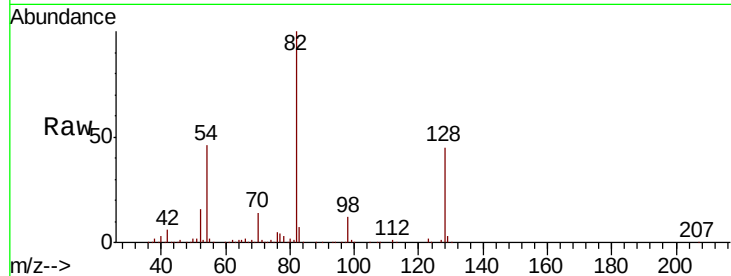




#23
 Nitrobenzene-d5
 Concen: 81.258 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

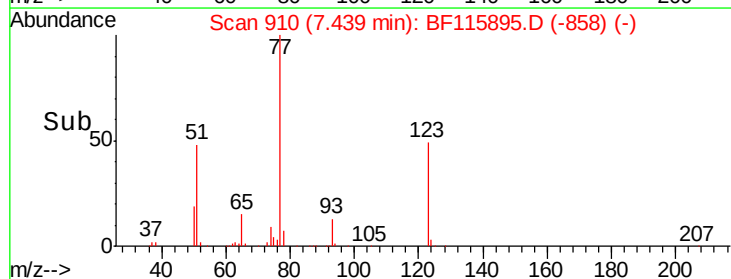
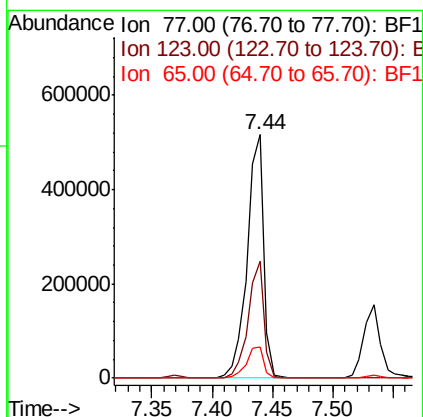
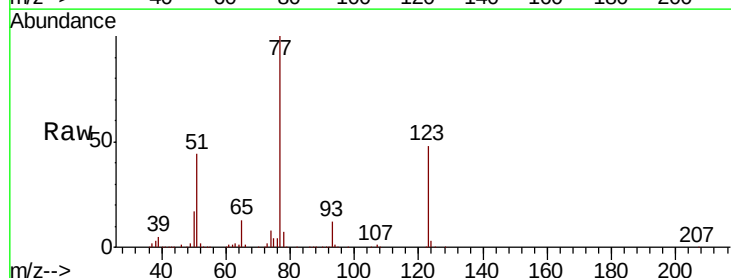
Instrument :
 BNA_F
 ClientSampleId :

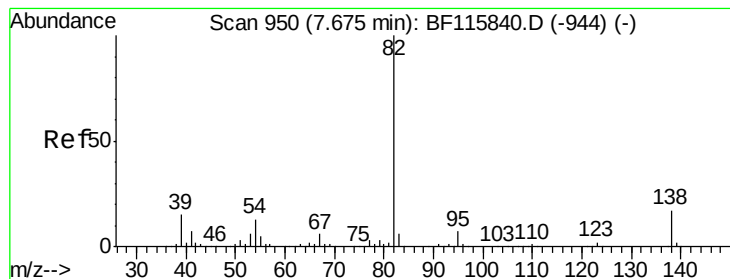
Tot Ion	82	Resp	844290
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.6	55.0
54	46.0	36.6	55.0



#24
 Nitrobenzene
 Concen: 43.943 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	77	Resp	492999
Ion Ratio	Lower	Upper	
77	100		
123	48.1	35.5	53.3
65	12.9	10.6	15.8





#25

Isophorone

Concen: 45.149 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampled :

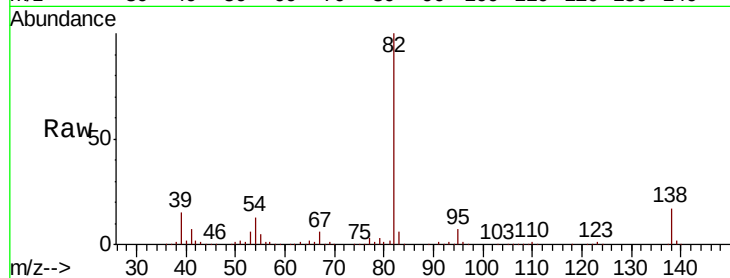
Tot Ion: 82 Resp: 897007

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

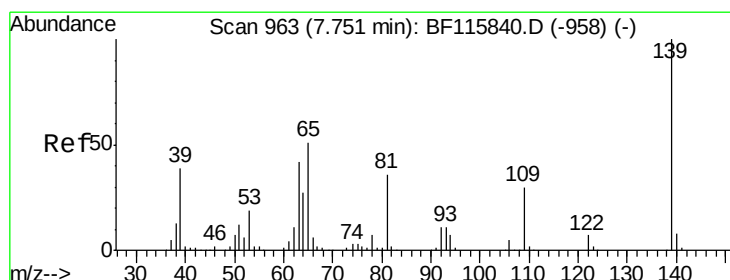
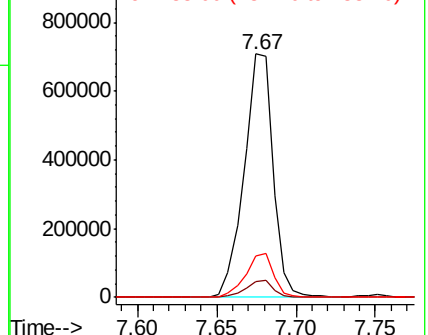
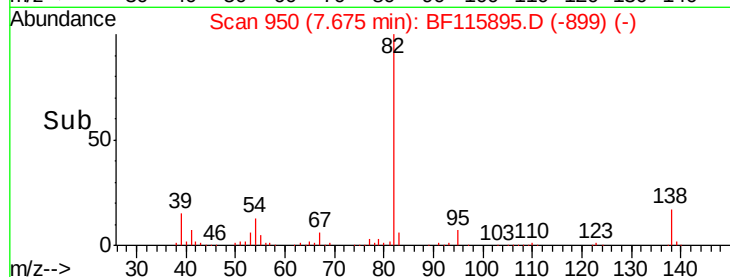
138 16.9 13.9 20.9



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: 46.610 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

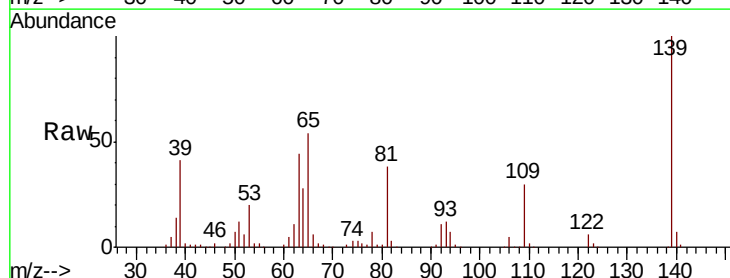
Tgt Ion: 139 Resp: 246493

Ion Ratio Lower Upper

139 100

109 30.2 23.6 35.4

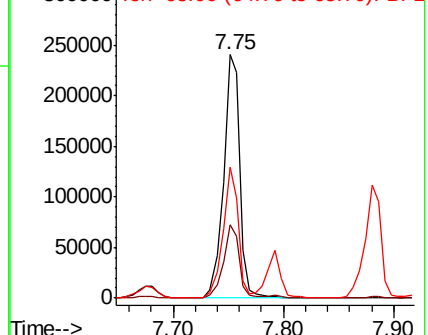
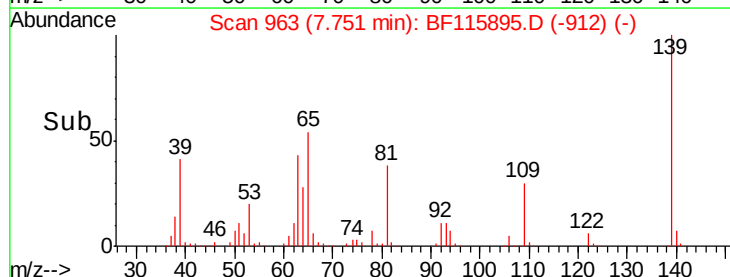
65 54.0 40.6 60.8

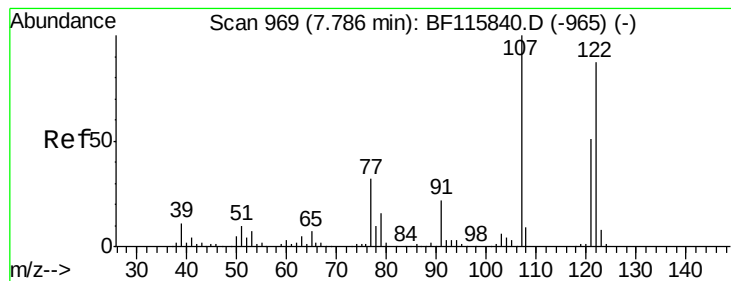


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.108 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

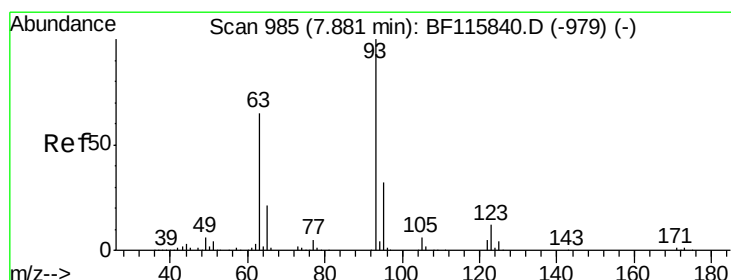
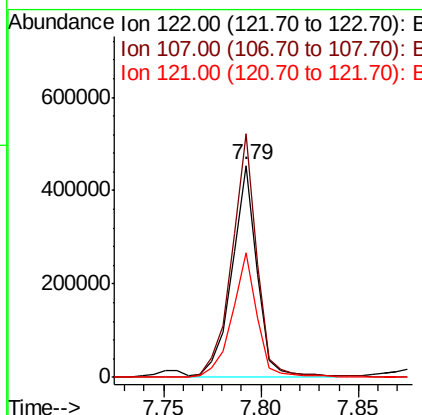
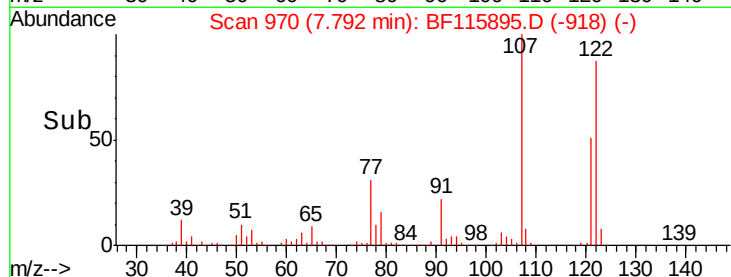
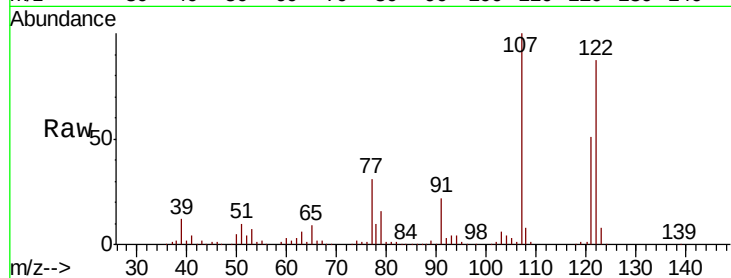
Tot Ion:122 Resp: 406634

Ion Ratio Lower Upper

122 100

107 115.1 91.7 137.5

121 59.0 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 44.405 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

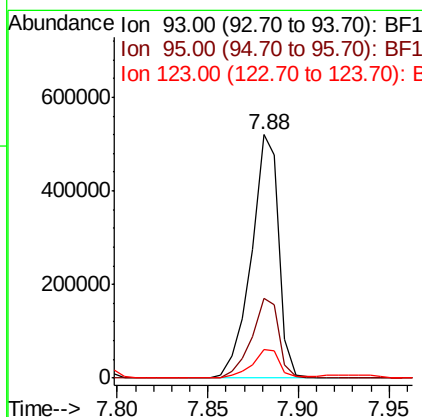
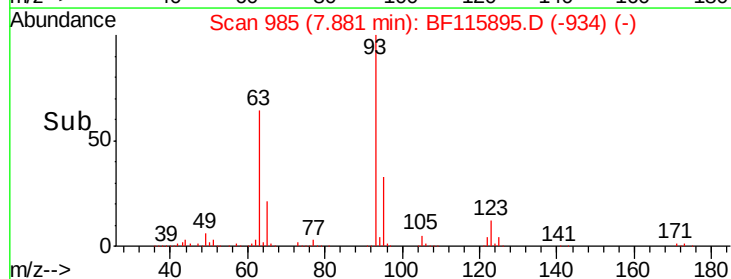
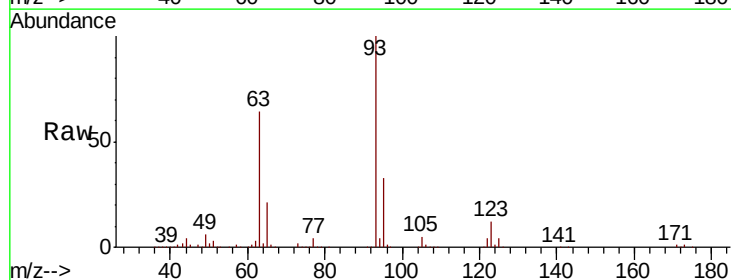
Tgt Ion: 93 Resp: 546813

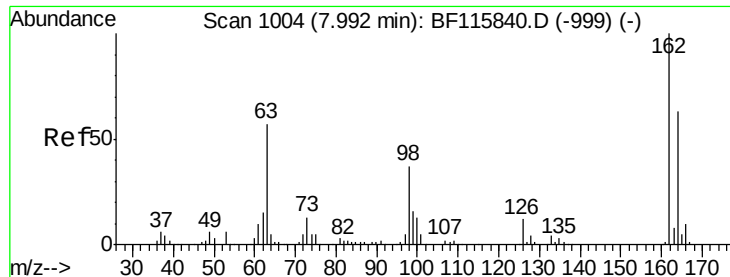
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 11.7 9.5 14.3

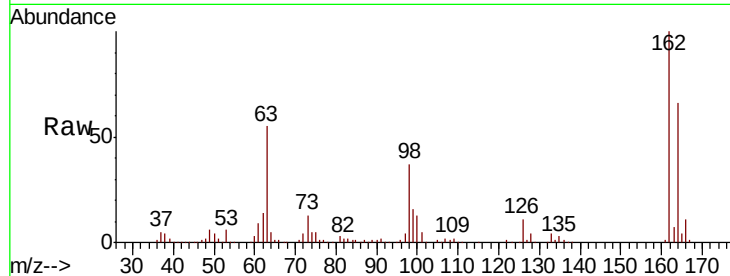




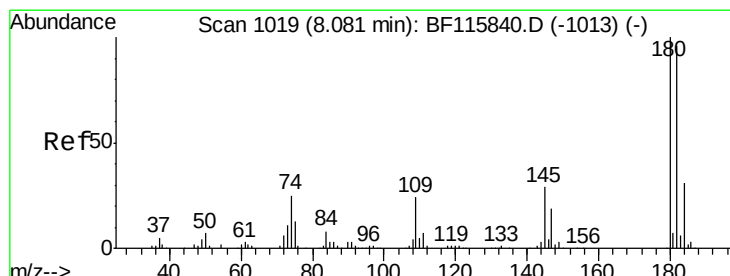
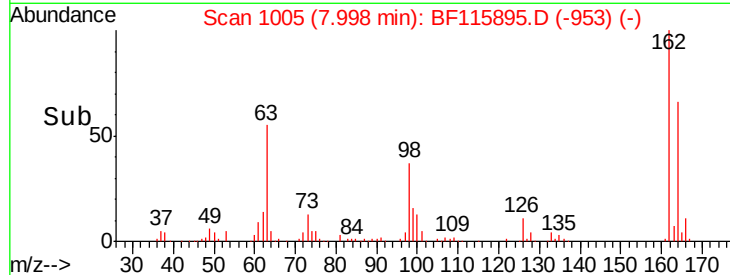
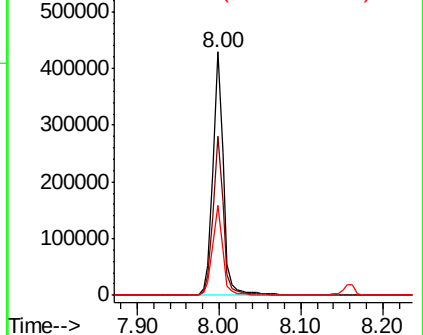
#29
 2,4-Dichlorophenol
 Concen: 45.798 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	43.2	83.2
98	36.8	17.3	57.3

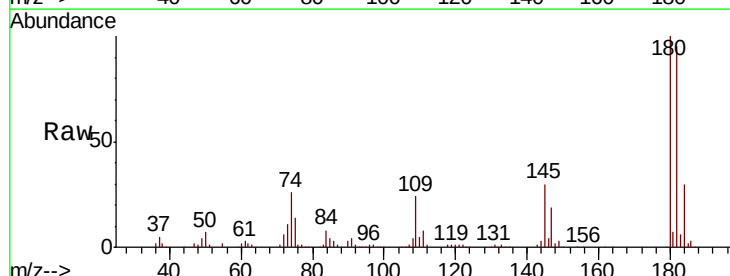


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

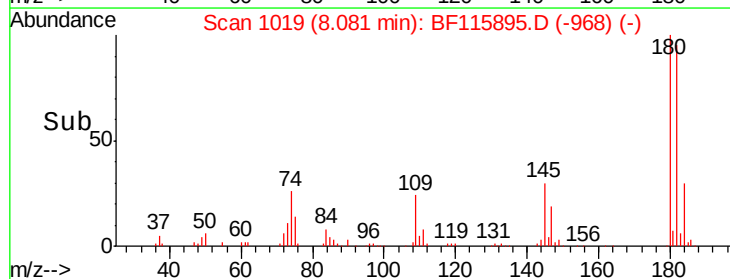
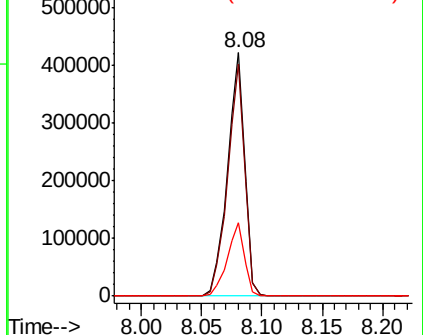


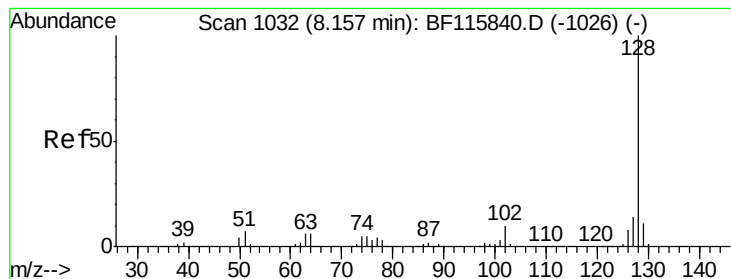
#30
 1,2,4-Trichlorobenzene
 Concen: 43.443 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.6	114.8
145	30.1	23.2	34.8



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: 45.184 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

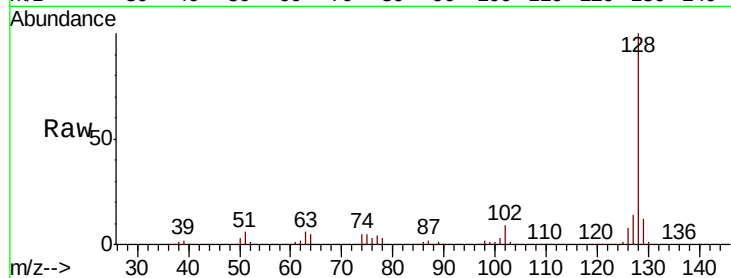
Tot Ion:128 Resp: 1275236

Ion Ratio Lower Upper

128 100

129 11.6 9.2 13.8

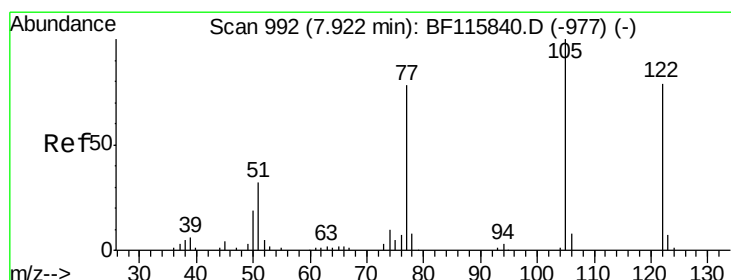
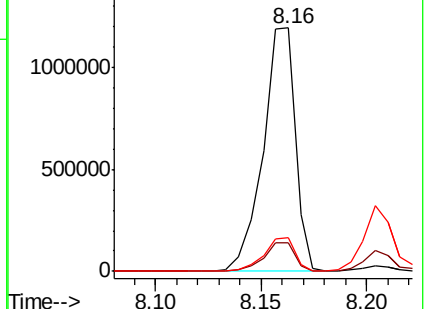
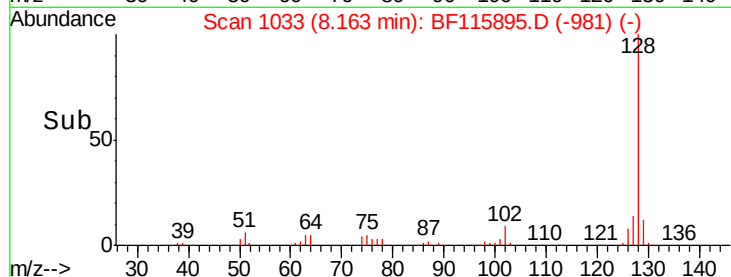
127 13.7 11.0 16.4



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: 43.343 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

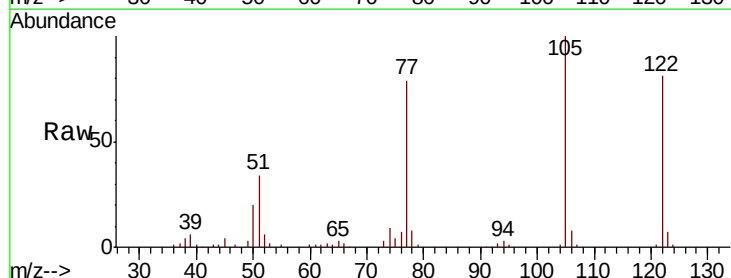
Tgt Ion:122 Resp: 243134

Ion Ratio Lower Upper

122 100

105 122.9 103.1 143.1

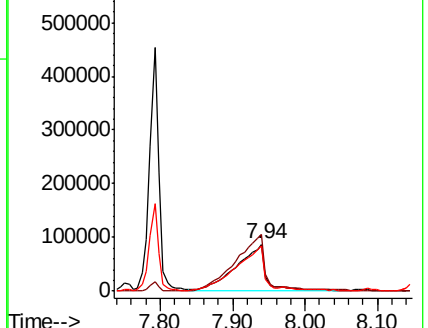
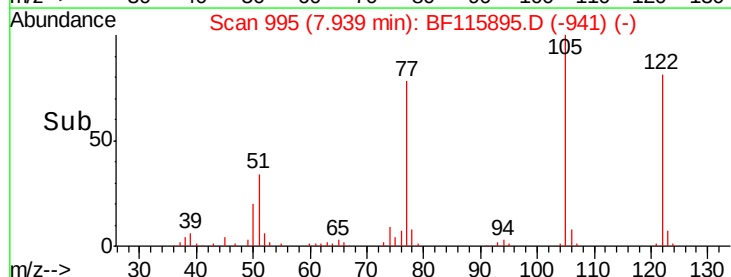
77 96.9 76.8 116.8

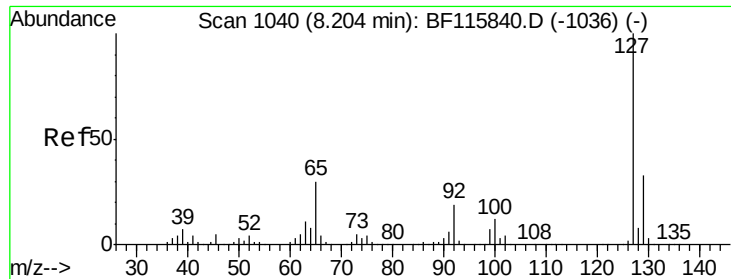


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

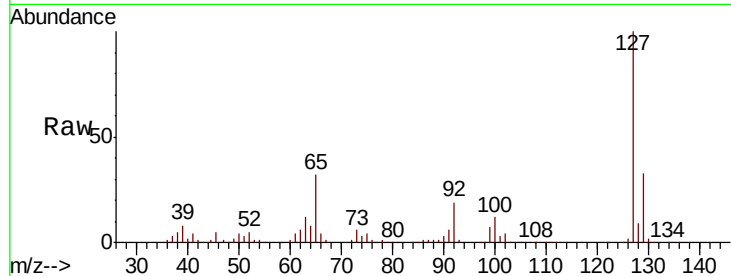




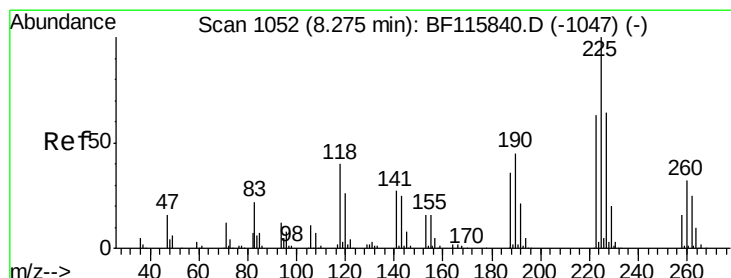
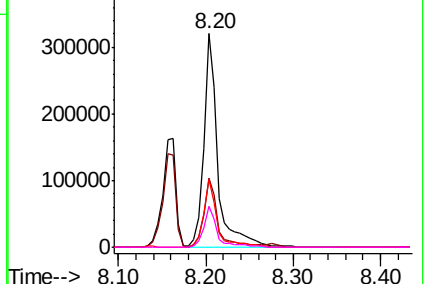
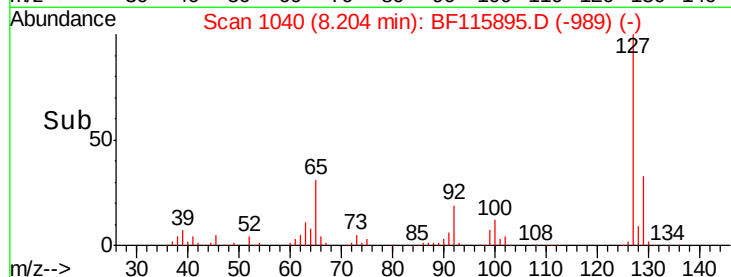
#33
4-Chloroaniline
Concen: 28.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	353090
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.0 39.0
65	31.8	23.9 35.9
92	19.2	14.9 22.3

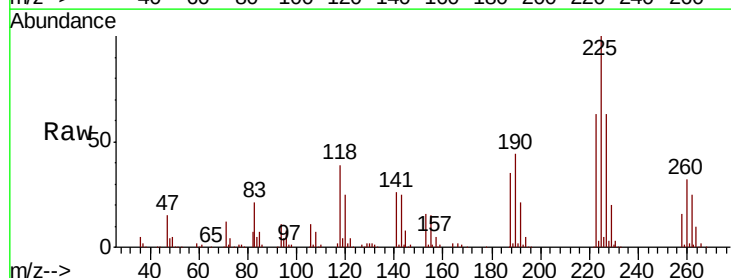


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

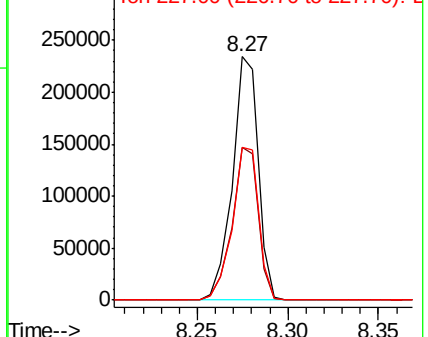
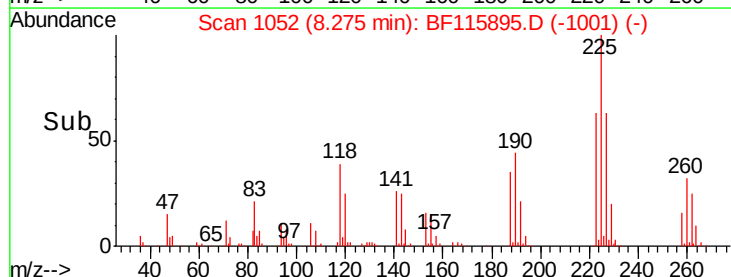


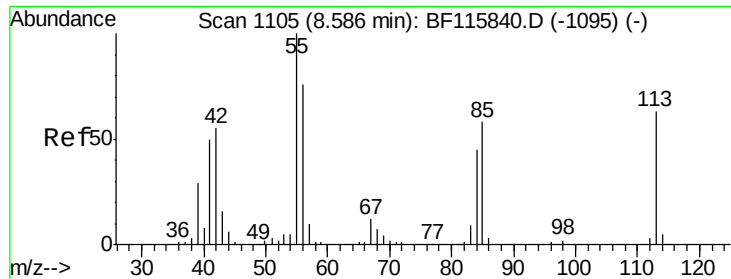
#34
Hexachlorobutadiene
Concen: 42.143 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:225	Resp:	232455
Ion Ratio	Lower	Upper
225	100	
223	62.5	50.4 75.6
227	62.7	51.6 77.4



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

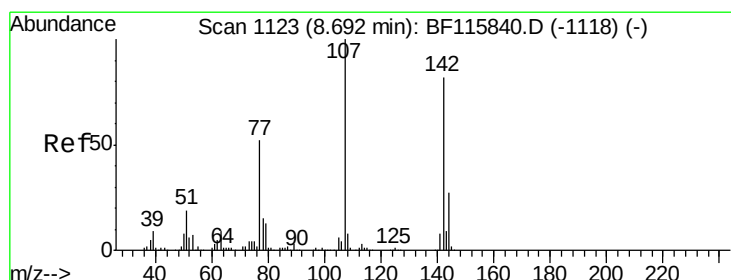
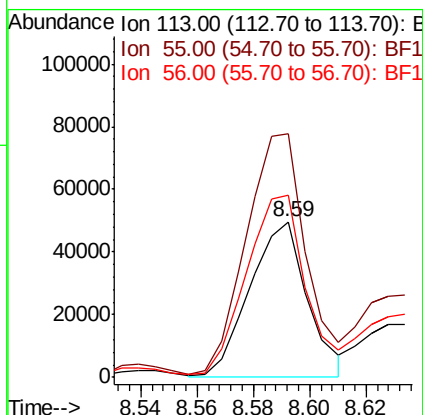
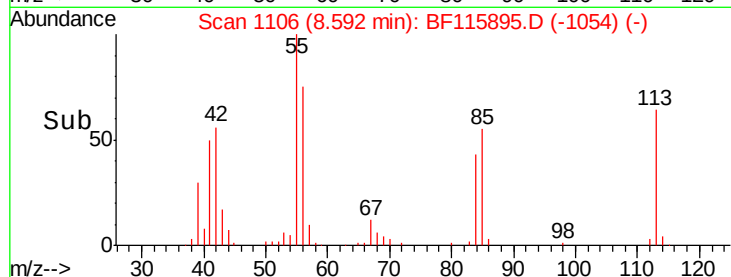
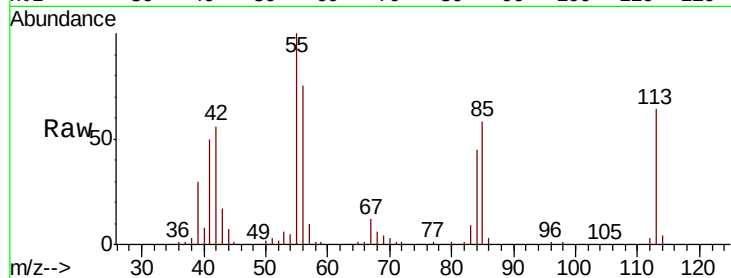




#35
 Caprolactam
 Concen: 25.868 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

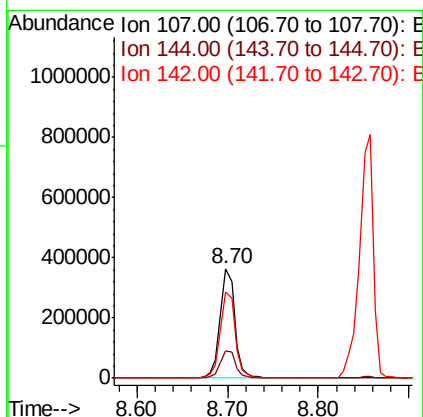
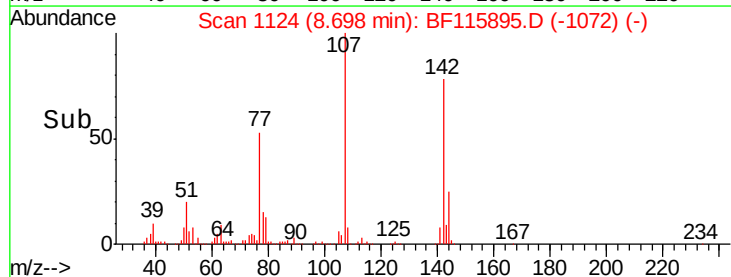
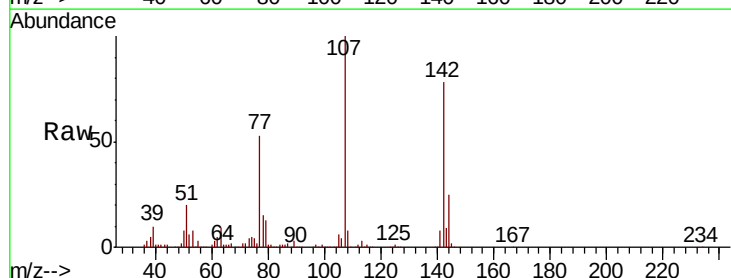
Instrument :
 BNA_F
 ClientSampled :

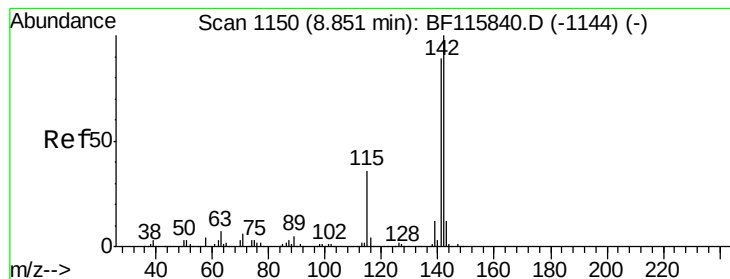
Tot Ion:113 Resp: 70286
 Ion Ratio Lower Upper
 113 100
 55 156.4 138.1 178.1
 56 117.0 100.6 140.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.877 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion:107 Resp: 409683
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.4 32.0
 142 78.3 65.5 98.3

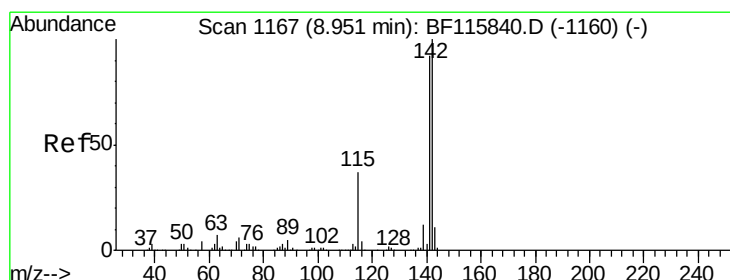
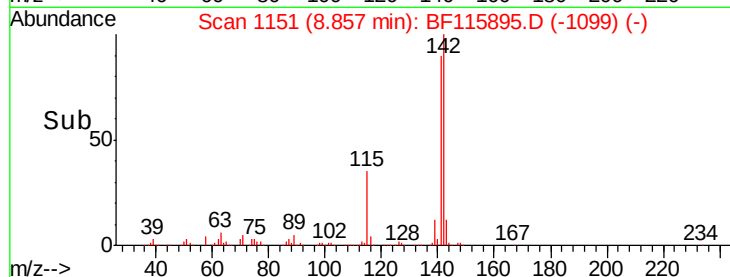
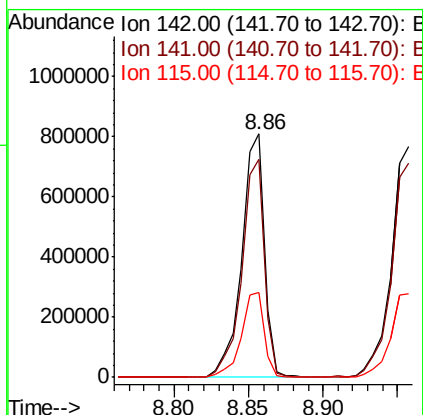
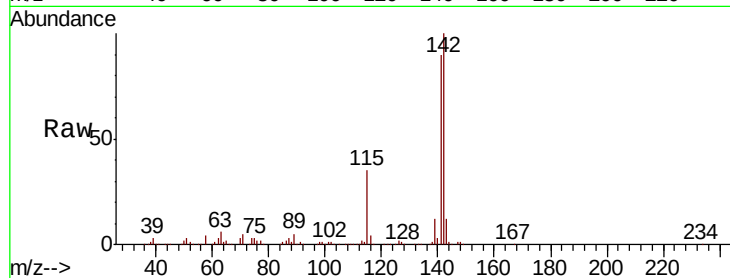




#37
2-Methylnaphthalene
Concen: 46.127 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

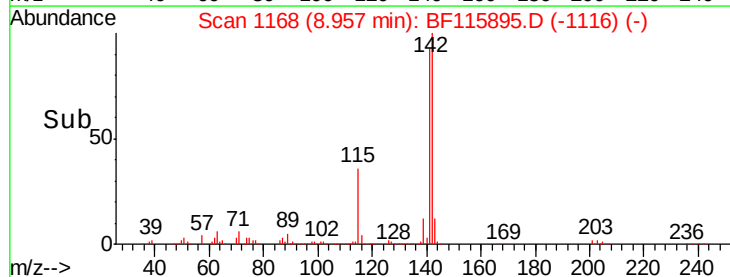
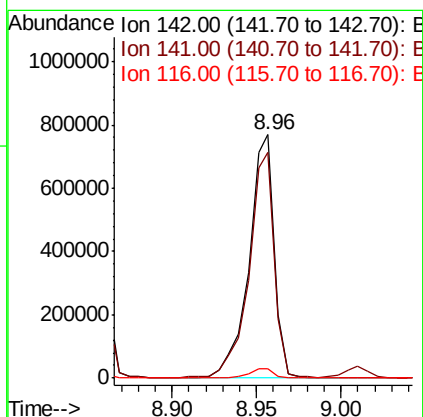
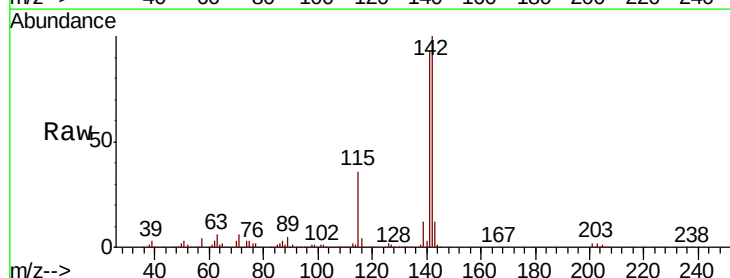
Instrument :
BNA_F
ClientSampleId :

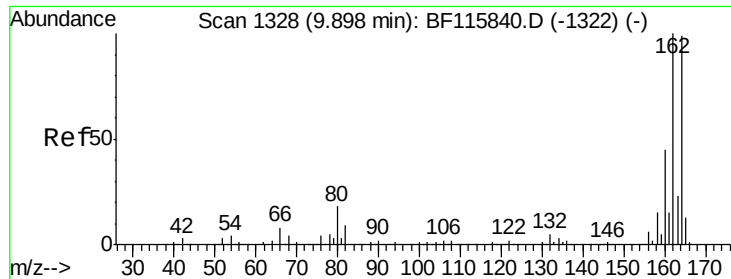
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	35.0	28.9	43.3



#38
1-Methylnaphthalene
Concen: 45.595 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.6
116	3.7	3.1	4.7

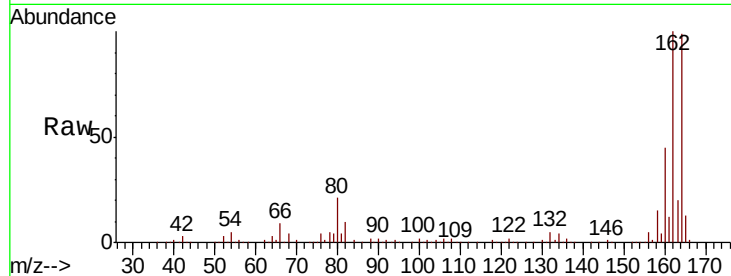




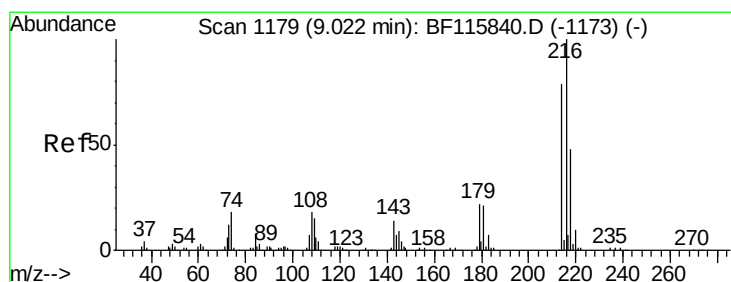
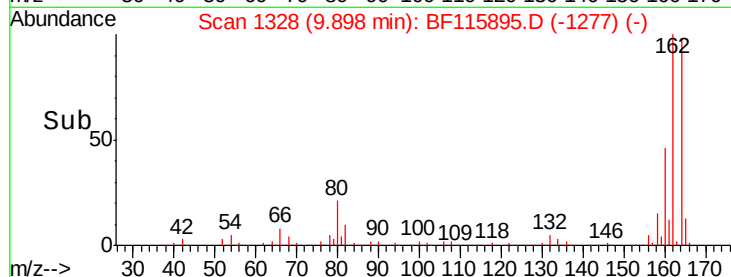
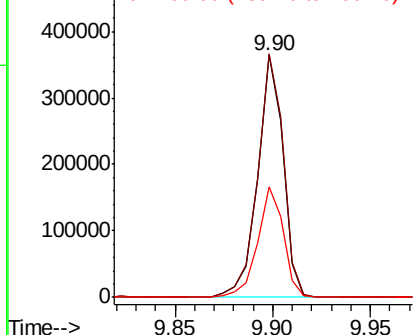
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 329267
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 45.8 36.2 54.4

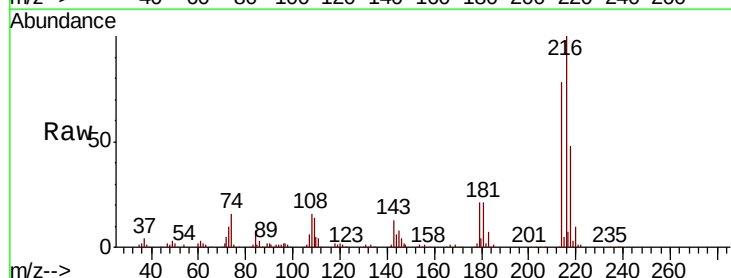


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

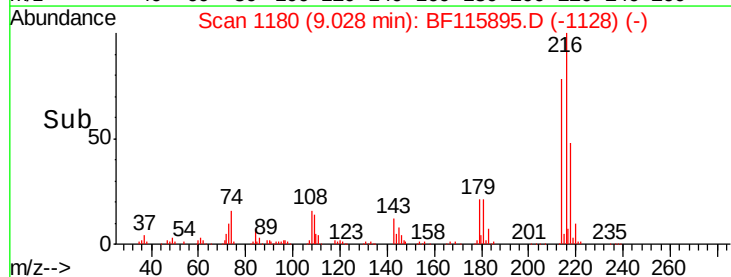
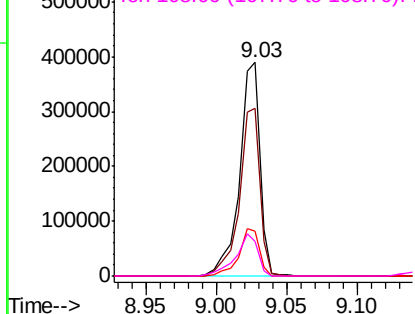


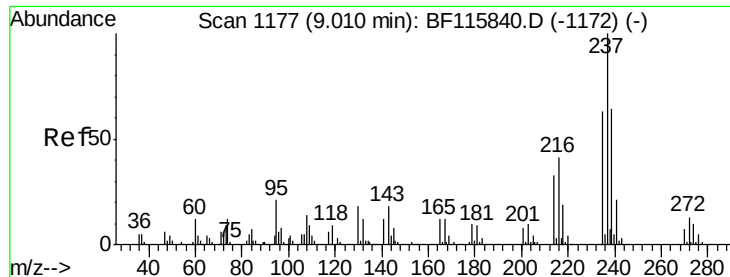
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.536 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:216 Resp: 392038
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 22.1 17.6 26.4
108 21.6 16.1 24.1



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

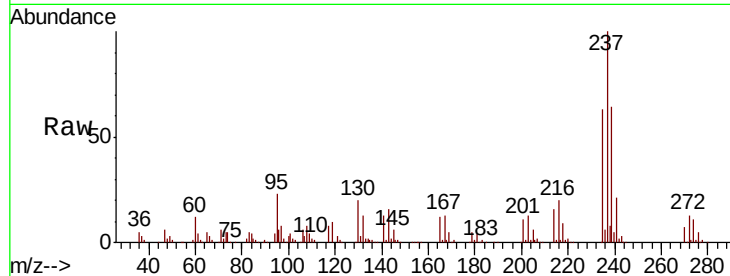




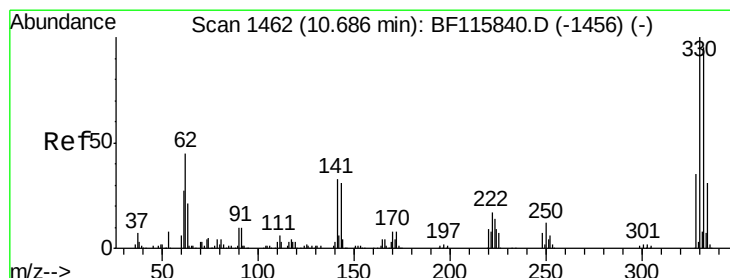
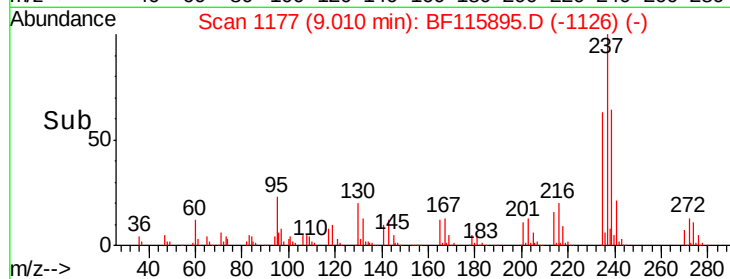
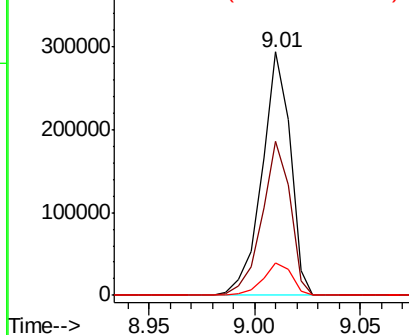
#41
Hexachlorocyclopentadiene
Concen: 70.427 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.4	42.5	82.5
272	13.3	0.0	33.3

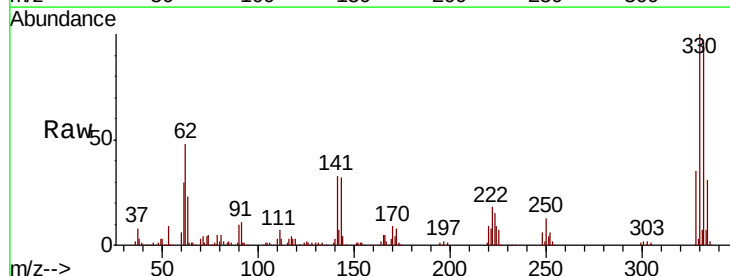


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

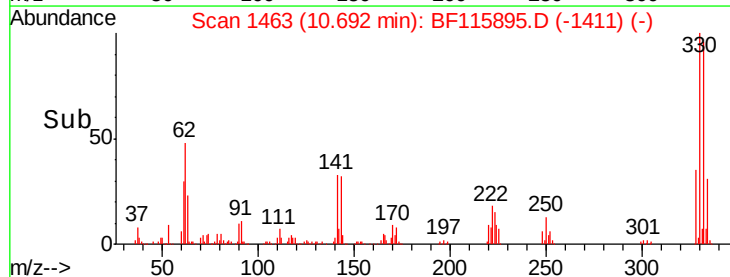
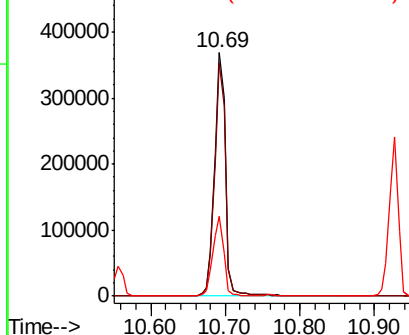


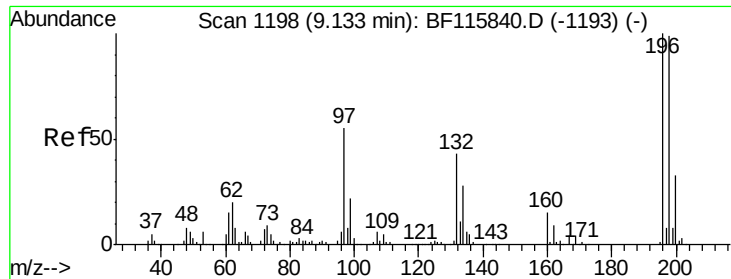
#42
2,4,6-Tribromophenol
Concen: 117.163 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.7	116.5
141	32.7	28.1	42.1



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

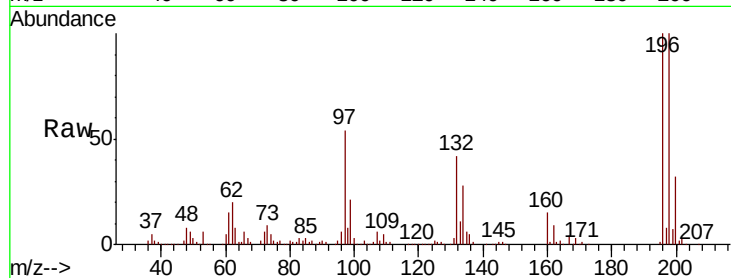




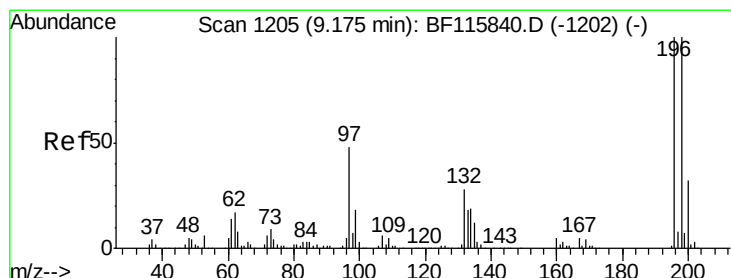
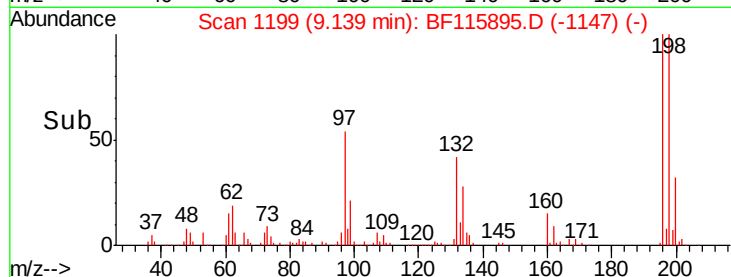
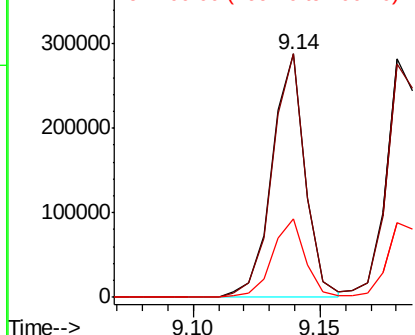
#43
 2,4,6-Trichlorophenol
 Concen: 43.539 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 263803
 Ion Ratio Lower Upper
 196 100
 198 100.0 79.1 118.7
 200 32.4 26.0 39.0

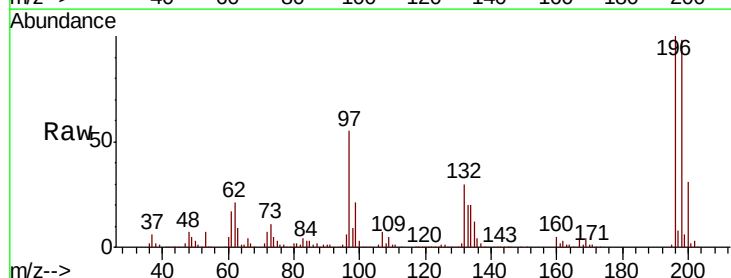


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

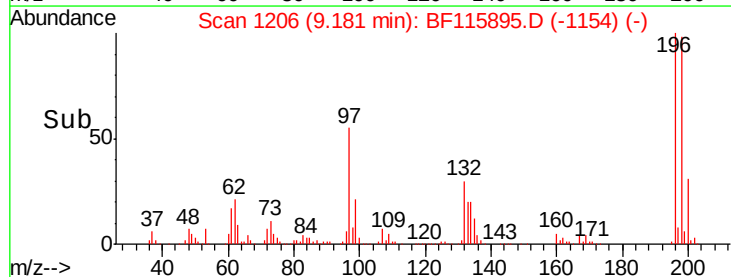
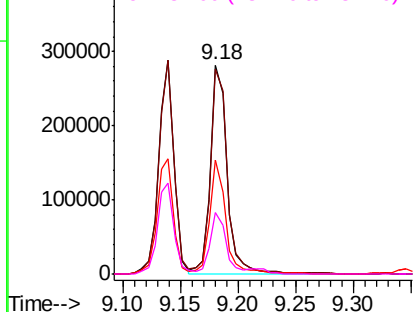


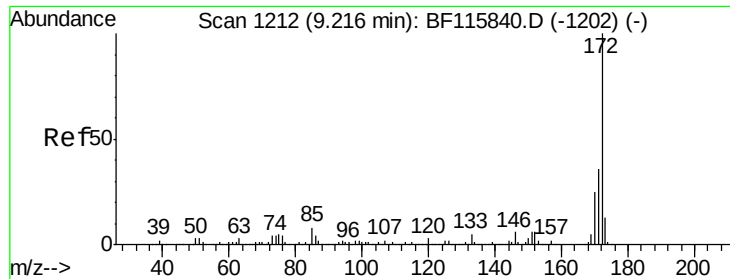
#44
 2,4,5-Trichlorophenol
 Concen: 44.871 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion:196 Resp: 281036
 Ion Ratio Lower Upper
 196 100
 198 98.0 80.1 120.1
 97 54.6 38.9 58.3
 132 29.6 22.6 33.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

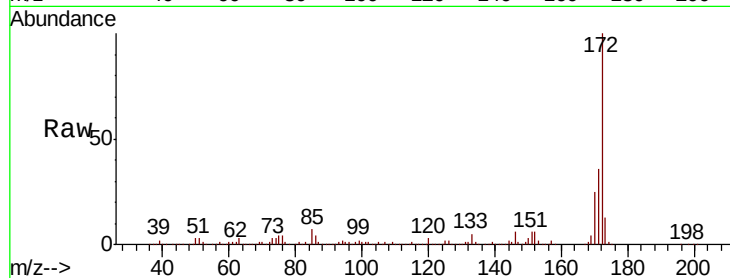




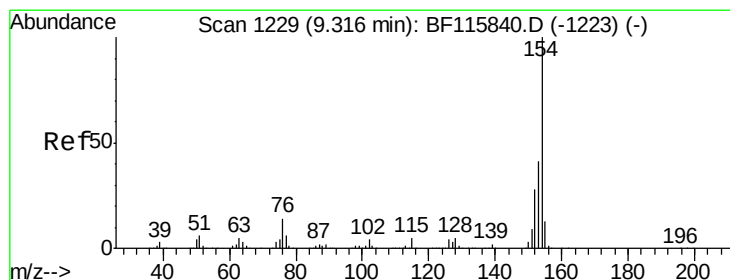
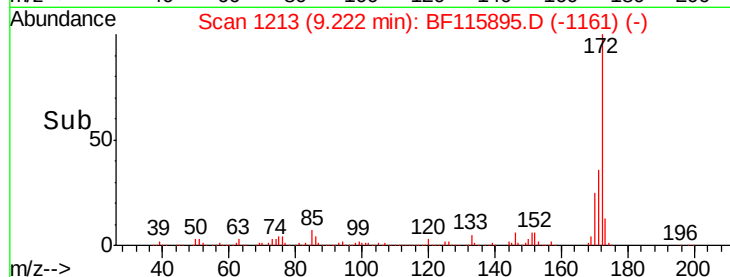
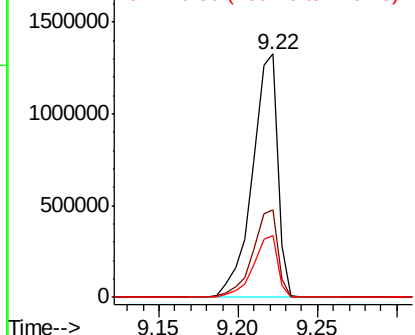
#45
2-Fluorobiphenyl
Concen: 84.303 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1481954
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 25.4 20.1 30.1

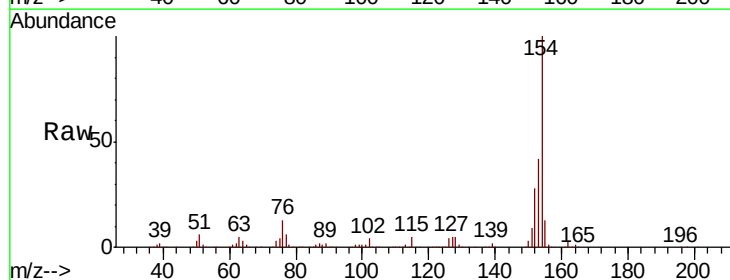


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

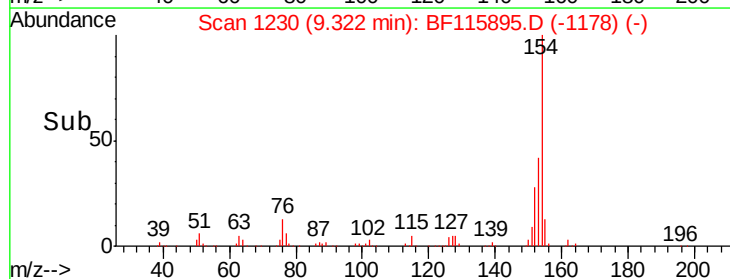
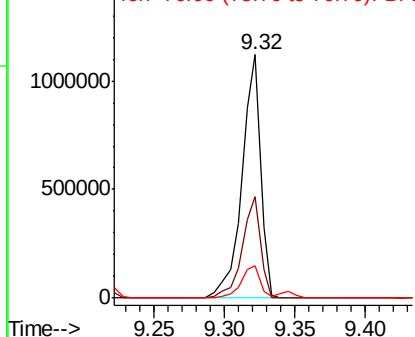


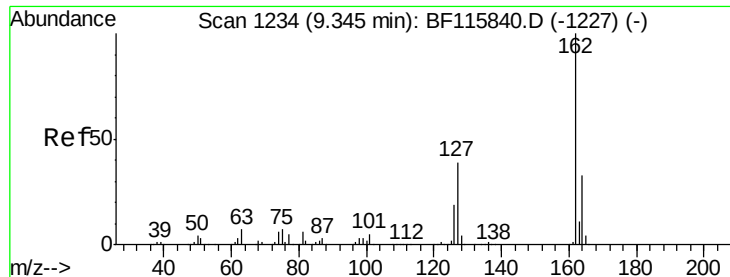
#46
1,1'-Biphenyl
Concen: 44.256 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:154 Resp: 1028780
Ion Ratio Lower Upper
154 100
153 41.6 20.9 60.9
76 13.4 0.0 34.3



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

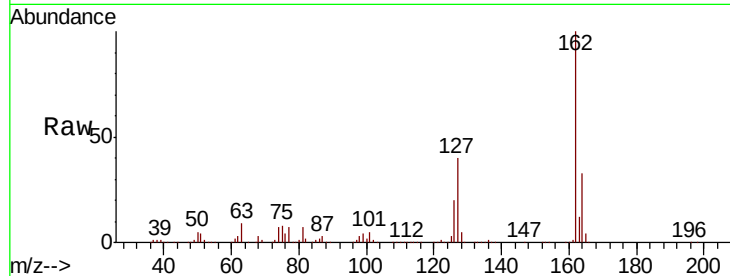




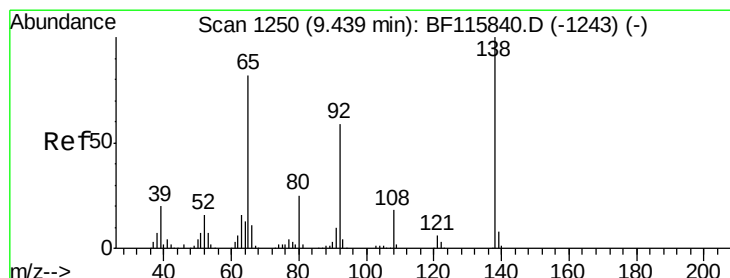
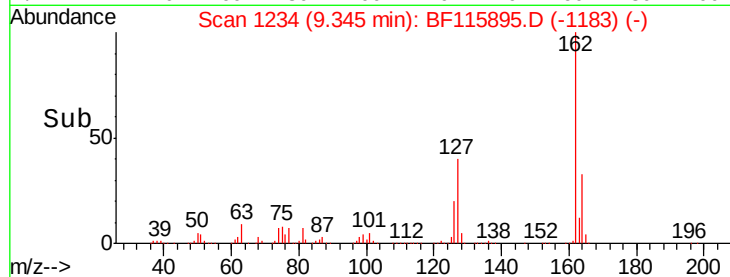
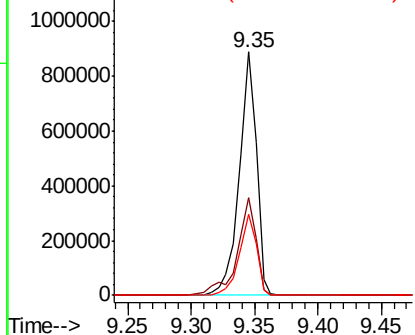
#47
 2-Chloronaphthalene
 Concen: 42.689 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.3	46.9
164	33.4	26.6	40.0

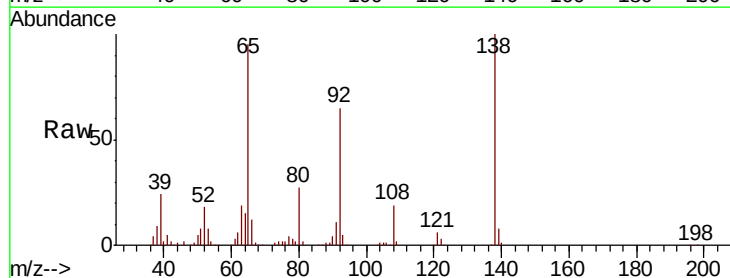


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

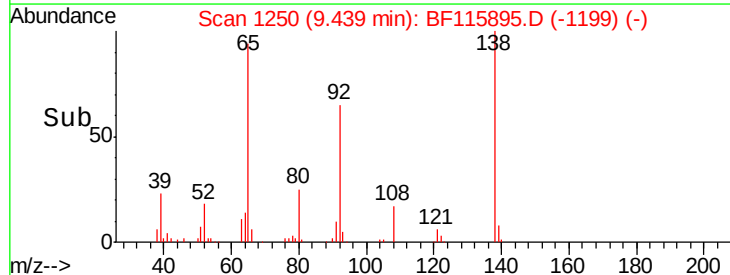
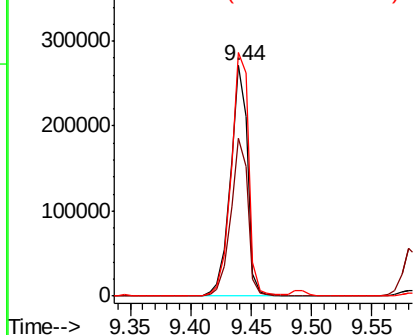


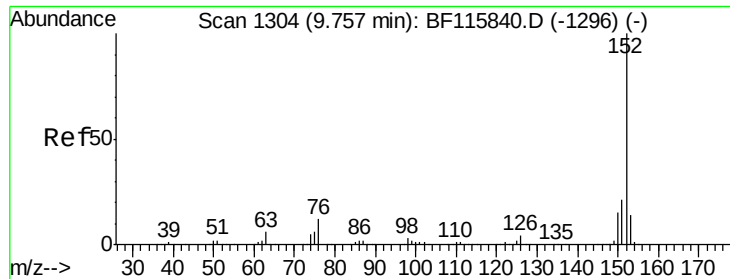
#48
 2-Nitroaniline
 Concen: 41.781 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	57.1	85.7
138	105.5	97.1	145.7



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: 44.323 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

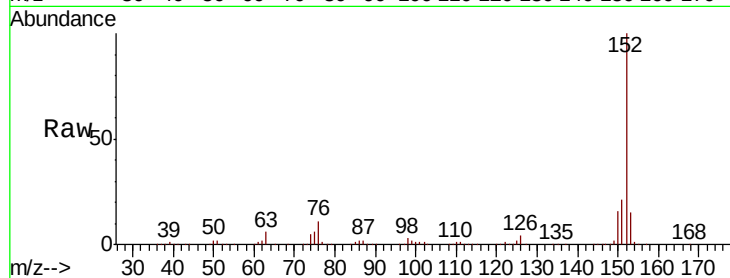
Tot Ion:152 Resp: 1251075

Ion Ratio Lower Upper

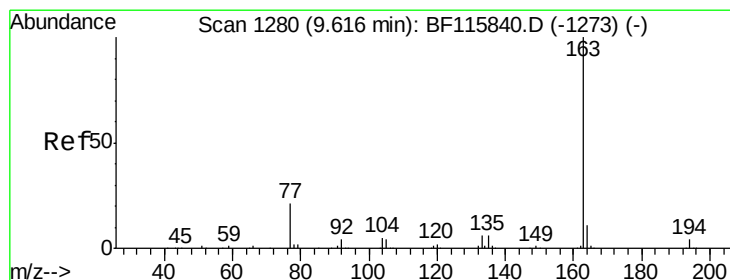
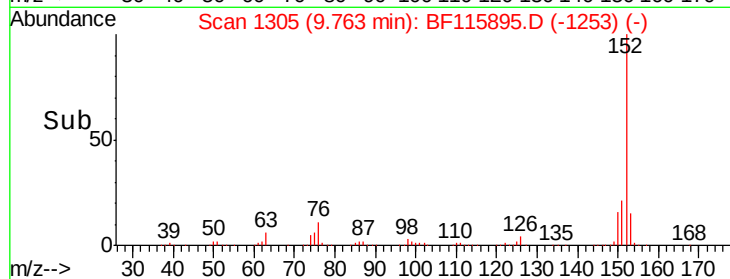
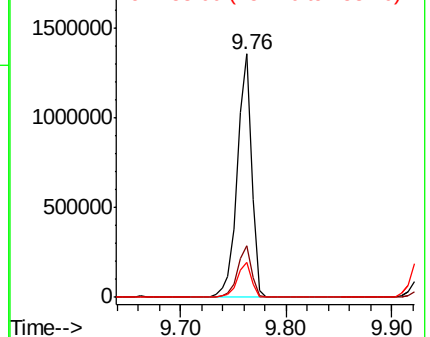
152 100

151 21.4 16.8 25.2

153 14.5 11.6 17.4



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: 43.627 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

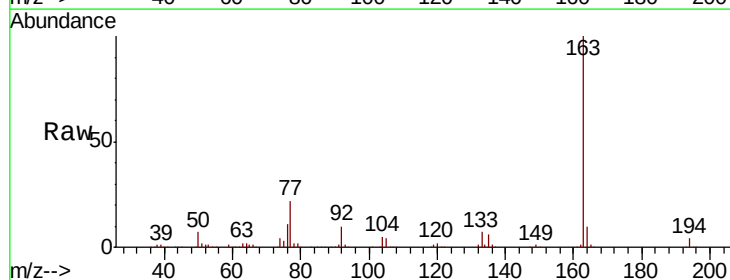
Tgt Ion:163 Resp: 978093

Ion Ratio Lower Upper

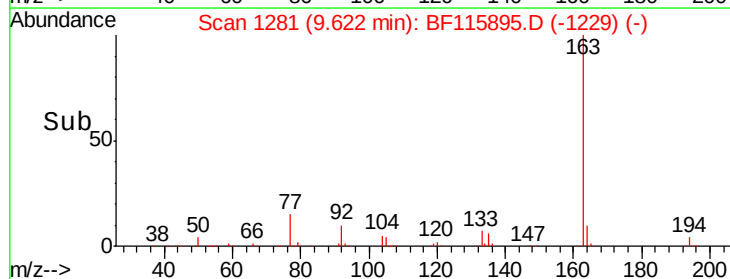
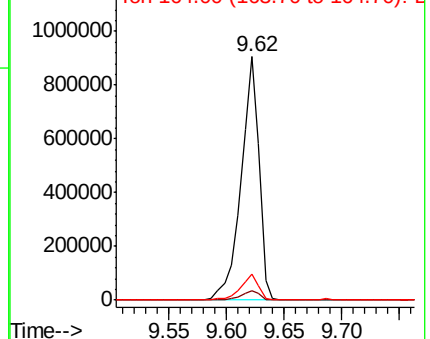
163 100

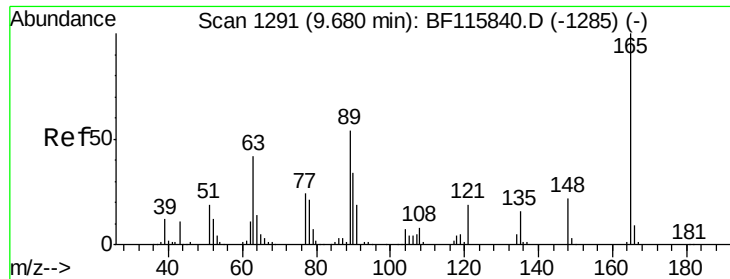
194 3.9 3.0 4.6

164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

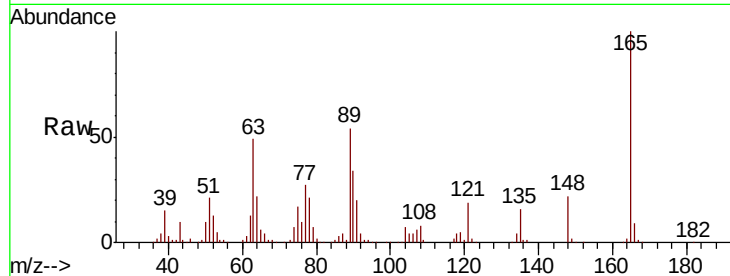




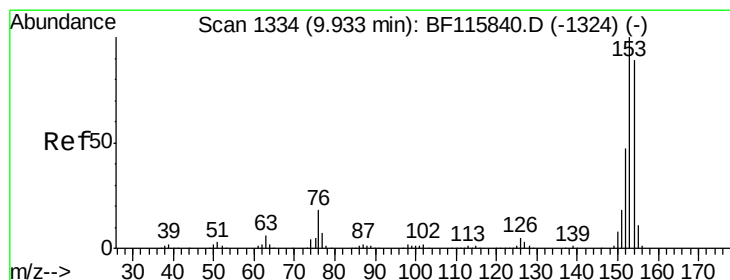
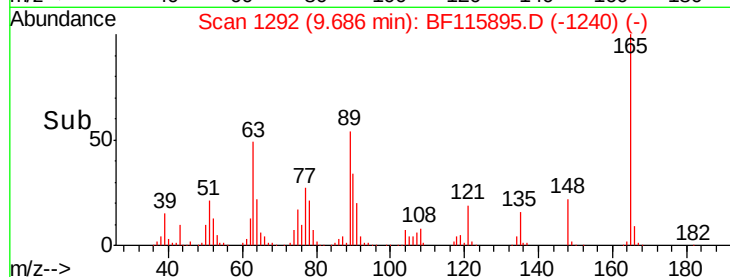
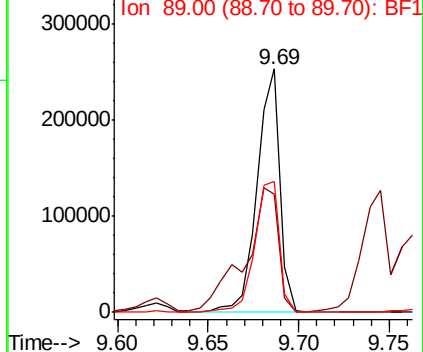
#51
2,6-Dinitrotoluene
Concen: 45.435 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.5	39.4	59.2
89	53.9	43.0	64.6

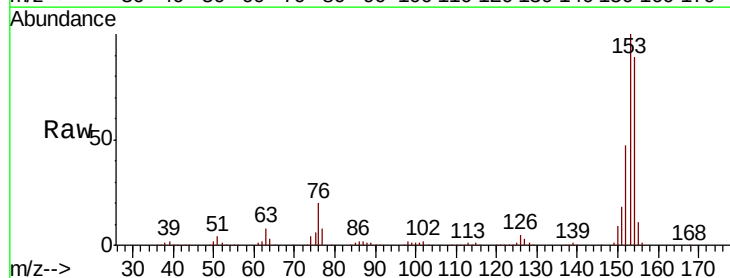


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

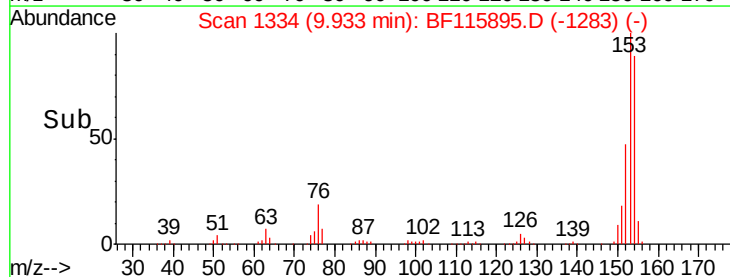
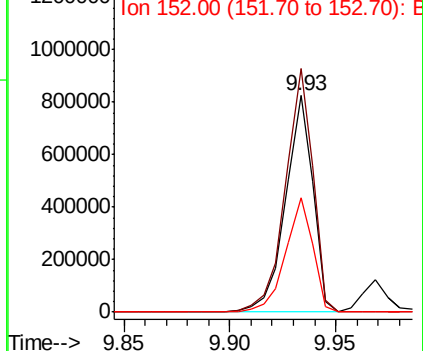


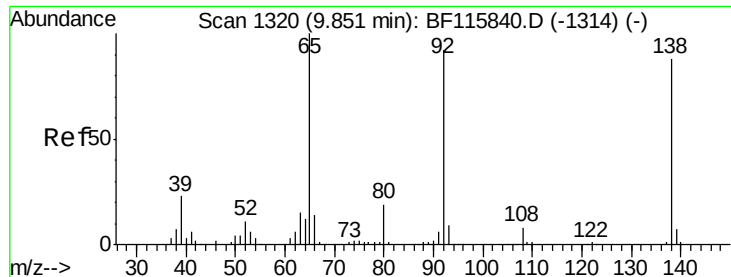
#52
Acenaphthene
Concen: 43.364 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.1	135.1
152	52.9	42.6	63.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

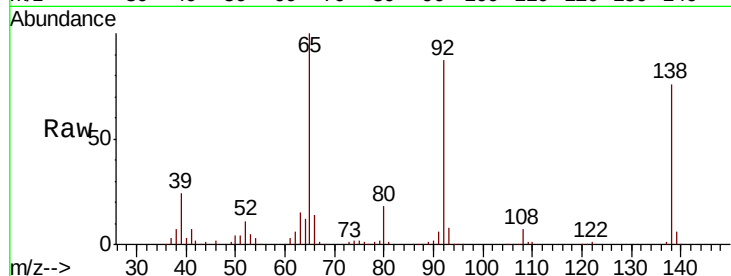




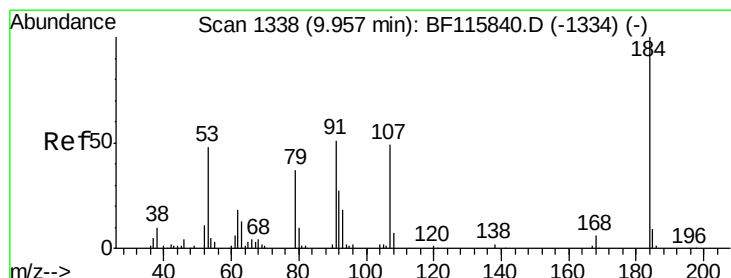
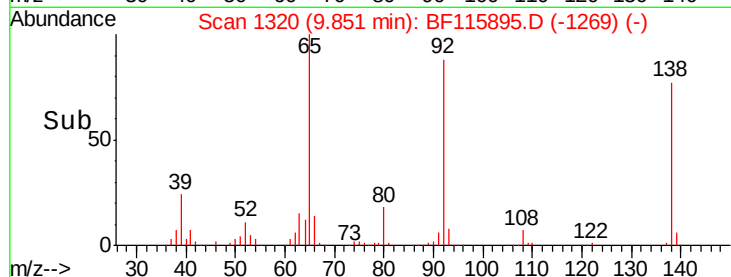
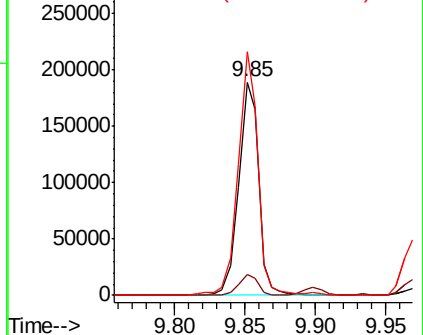
#53
3-Nitroaniline
Concen: 30.928 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 186189
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 114.3 83.9 125.9

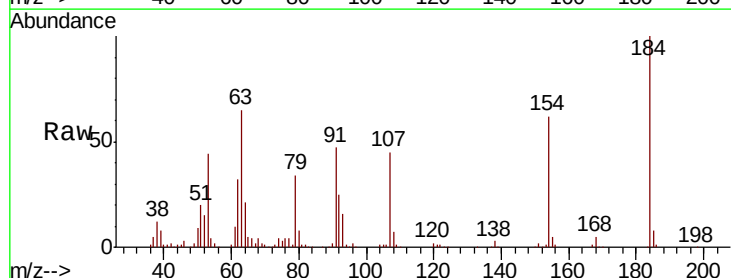


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

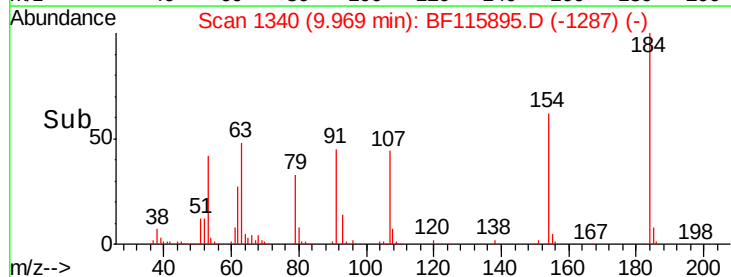
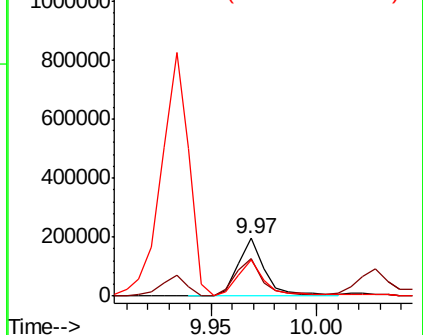


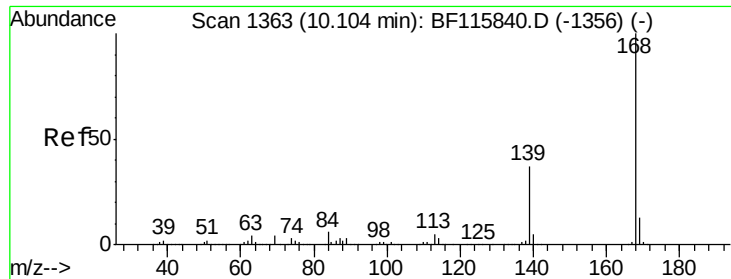
#54
2,4-Dinitrophenol
Concen: 71.144 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:184 Resp: 173922
Ion Ratio Lower Upper
184 100
63 64.8 56.7 85.1
154 62.5 51.9 77.9



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

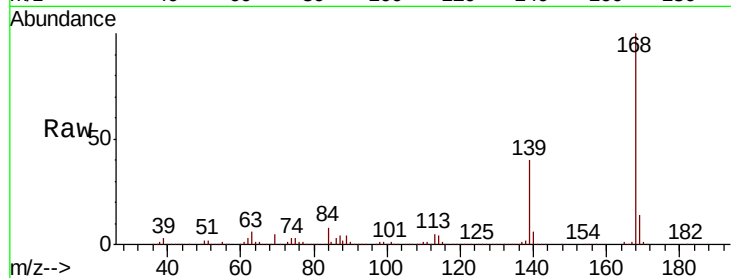




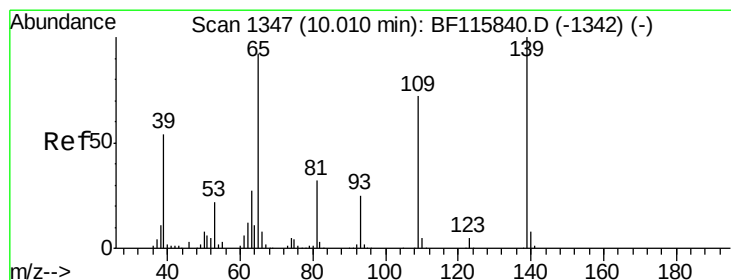
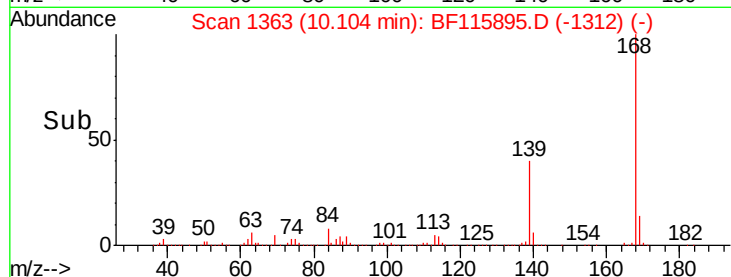
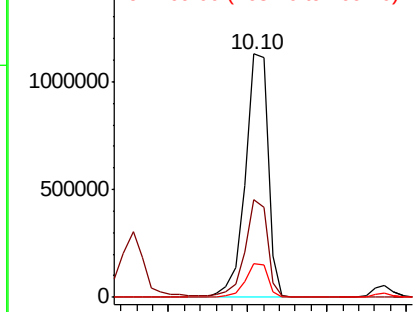
#55
Dibenzofuran
Concen: 44.480 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1120114
Ion Ratio Lower Upper
168 100
139 40.2 30.2 45.2
169 14.0 10.8 16.2

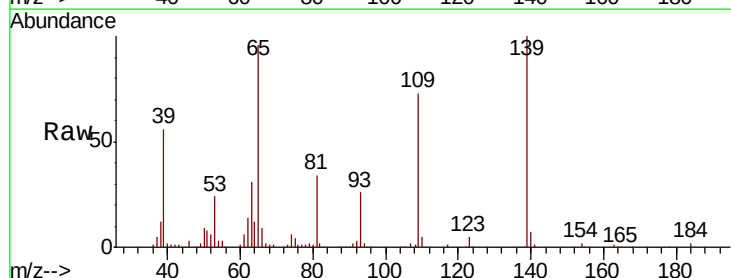


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

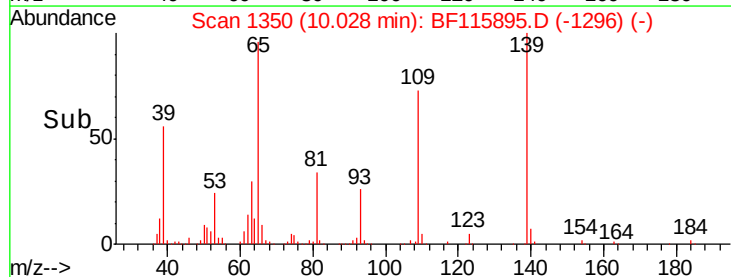
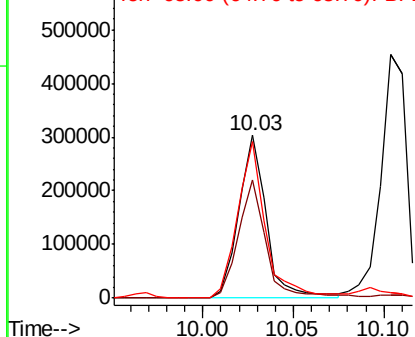


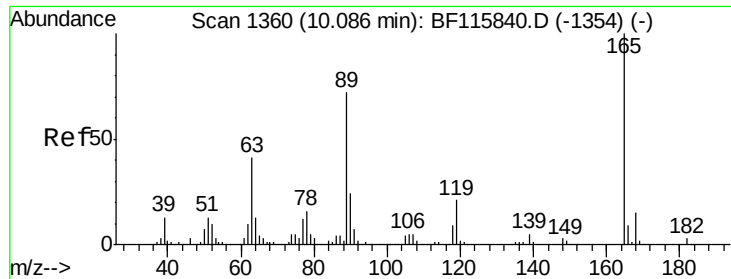
#56
4-Nitrophenol
Concen: 83.315 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:139 Resp: 321303
Ion Ratio Lower Upper
139 100
109 72.5 52.0 92.0
65 96.0 72.6 112.6



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: 44.488 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 288586

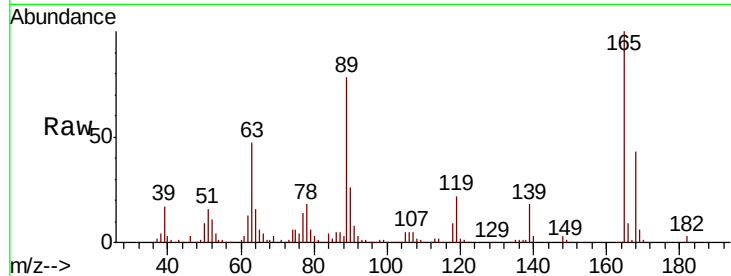
Ion Ratio Lower Upper

165 100

63 47.2 33.2 49.8

89 78.1 57.3 85.9

182 2.6 2.1 3.1

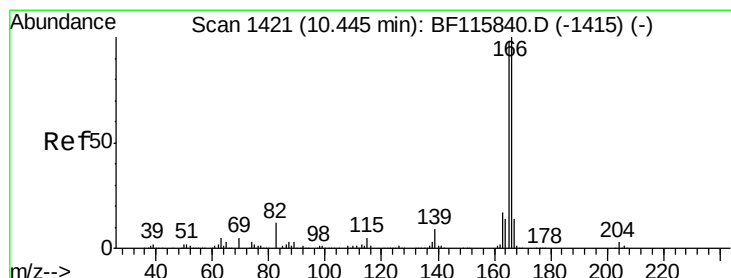
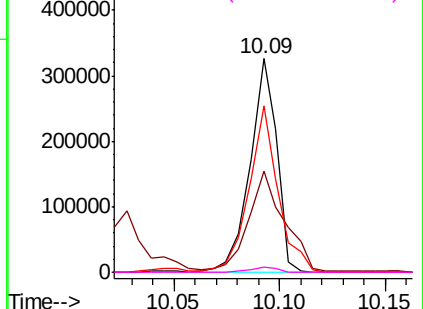
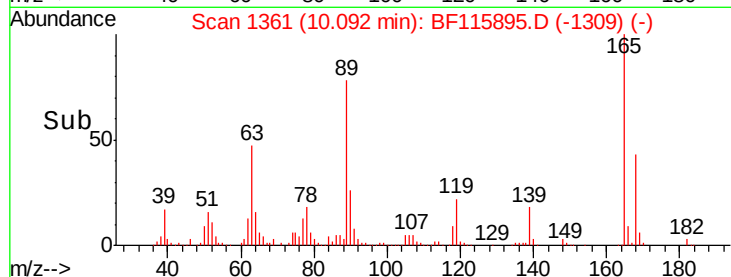


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.744 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

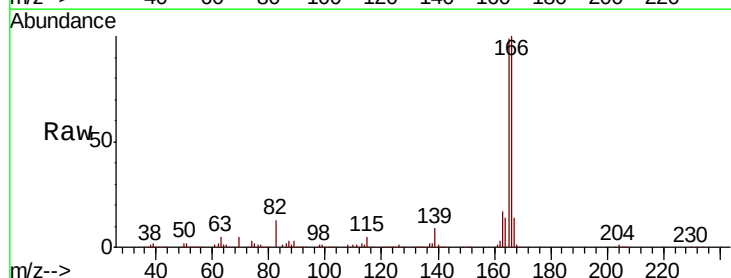
Tgt Ion:166 Resp: 847543

Ion Ratio Lower Upper

166 100

165 99.0 78.6 118.0

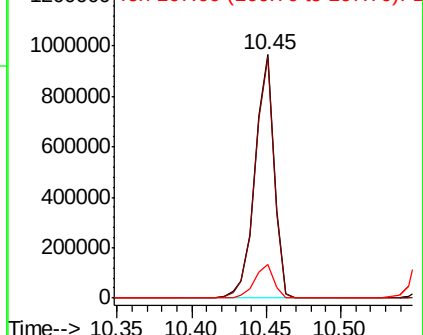
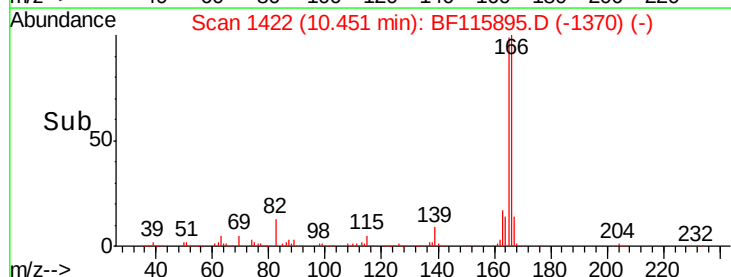
167 13.8 10.9 16.3

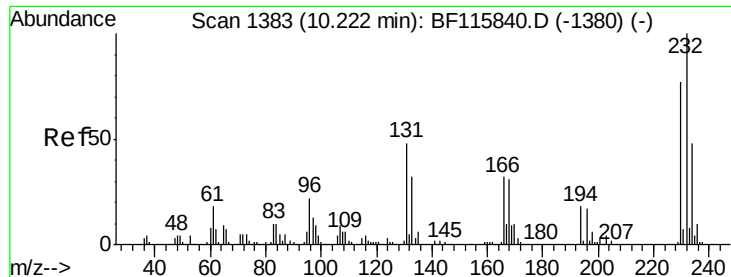


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

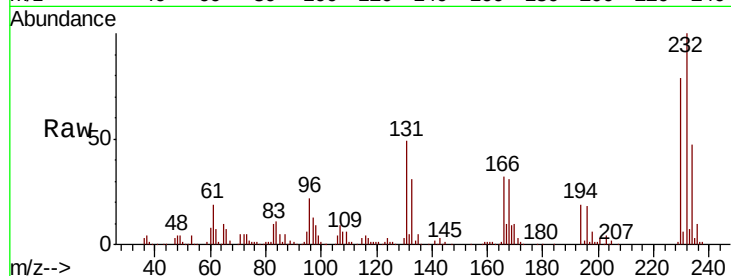




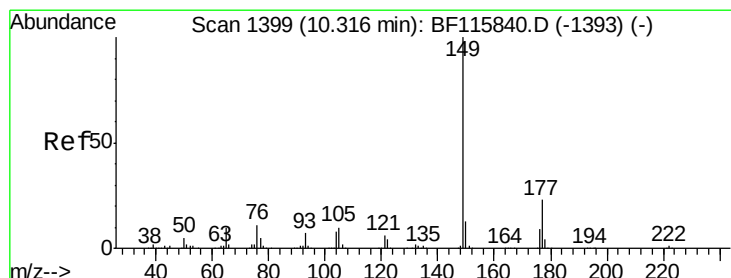
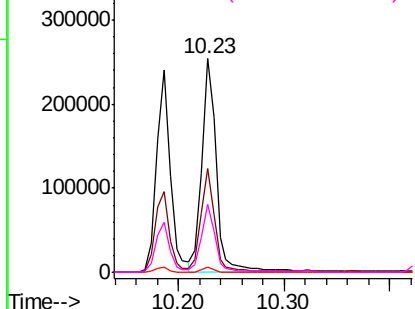
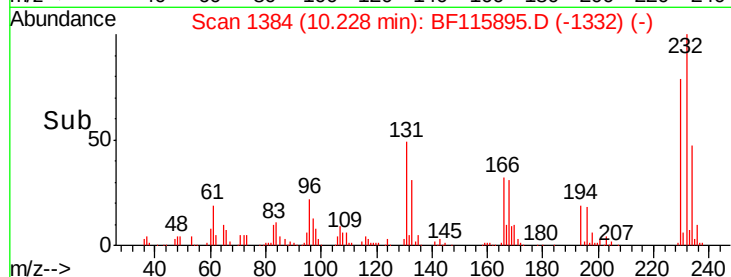
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.254 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	232	Resp:	238459
Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.6	56.4
130	2.4	1.8	2.8
166	29.8	24.6	37.0

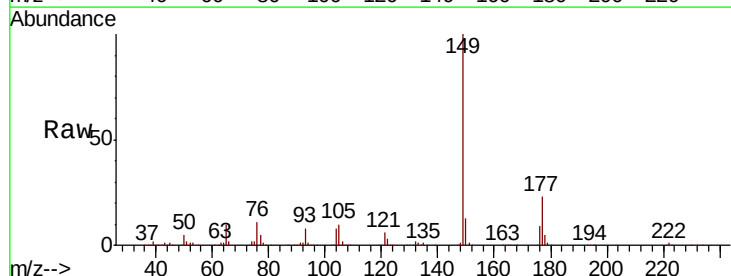


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

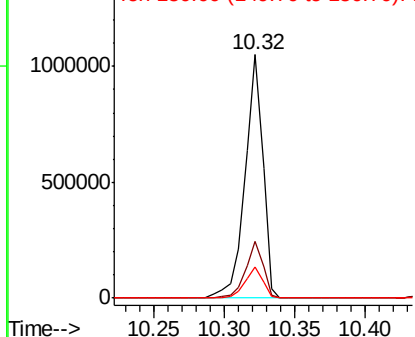
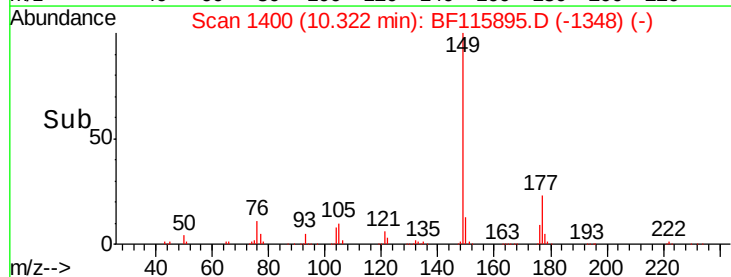


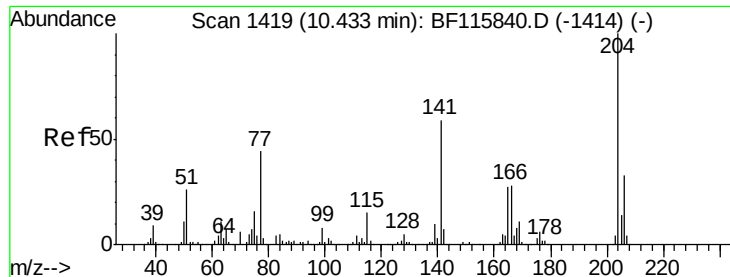
#60
Diethylphthalate
Concen: 44.315 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:	149	Resp:	927570
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.4	27.6
150	12.8	10.1	15.1



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

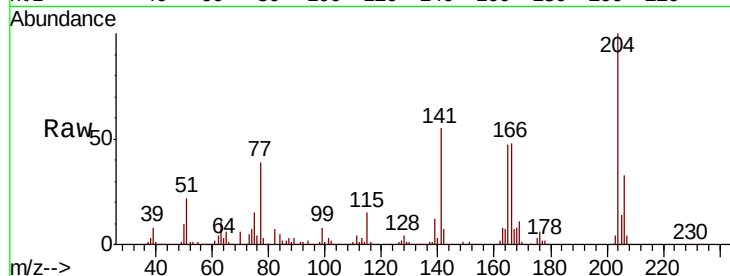




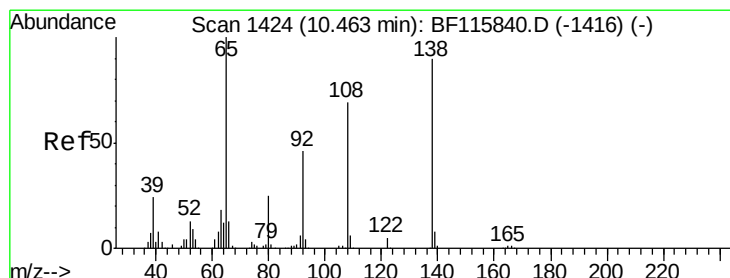
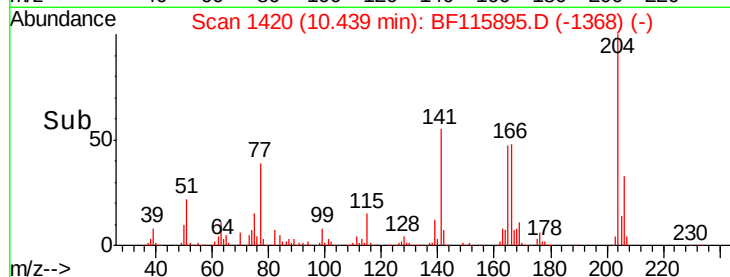
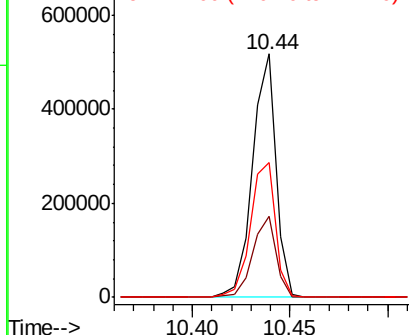
#61
4-Chlorophenyl-phenylether
Concen: 43.984 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 431594
Ion Ratio Lower Upper
204 100
206 33.3 26.4 39.6
141 55.4 47.0 70.4

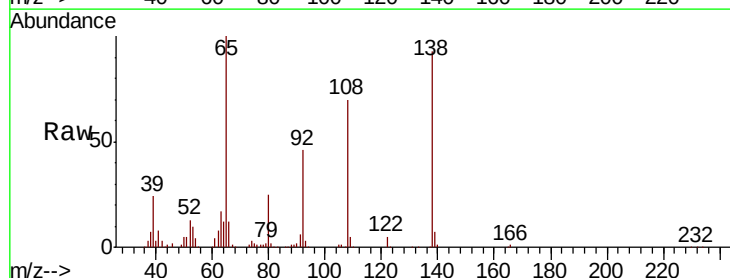


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

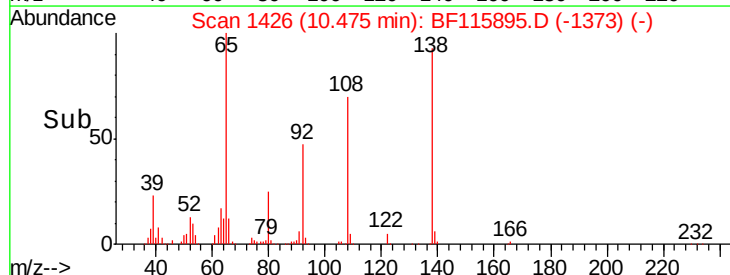
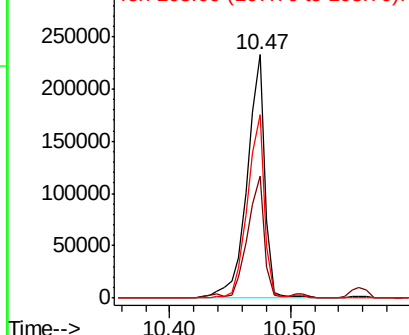


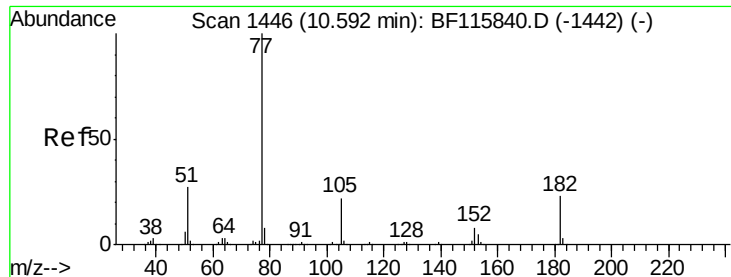
#62
4-Nitroaniline
Concen: 38.537 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:138 Resp: 239756
Ion Ratio Lower Upper
138 100
92 50.1 31.0 71.0
108 75.4 56.7 96.7



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

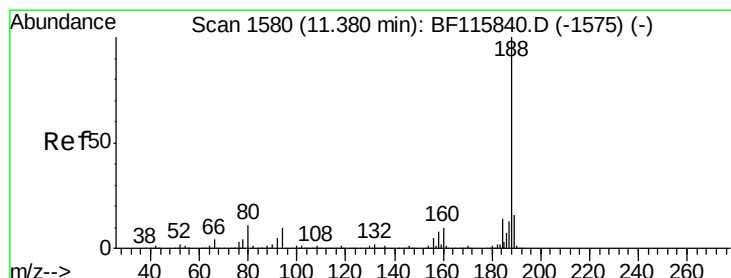
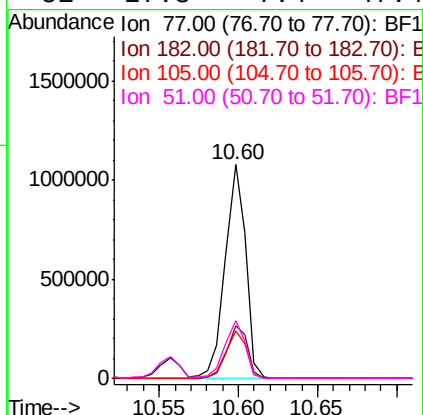
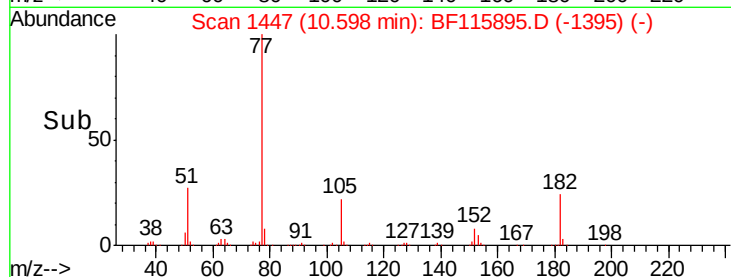
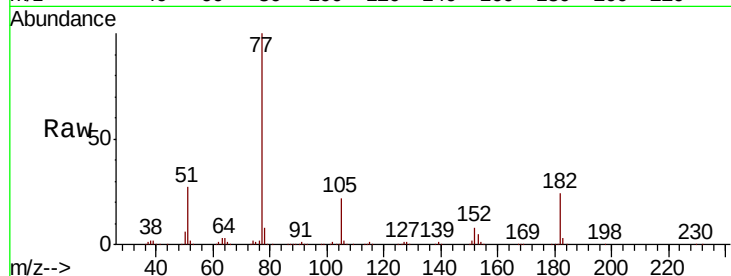




#63
Azobenzene
Concen: 44.907 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

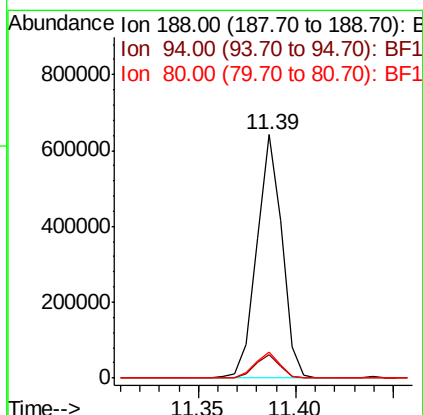
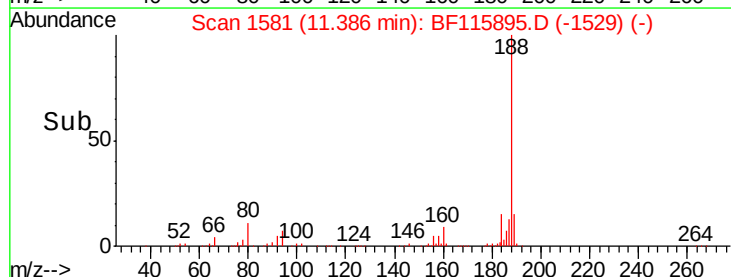
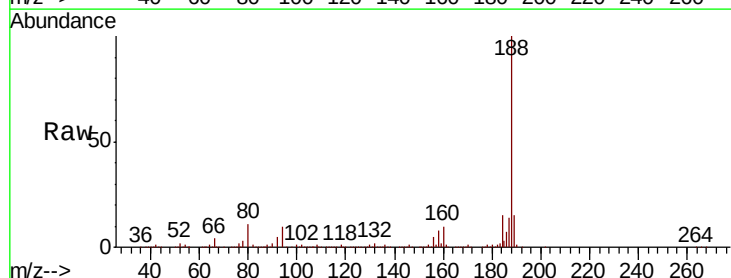
Instrument :
BNA_F
ClientSampleId :

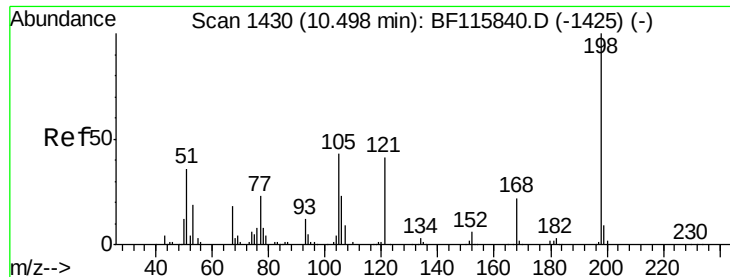
Tot Ion:	77	Resp:	966806
Ion	Ratio	Lower	Upper
77	100		
182	24.3	2.6	42.6
105	21.9	1.6	41.6
51	27.3	7.4	47.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:	188	Resp:	574346
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.9	8.6	12.8

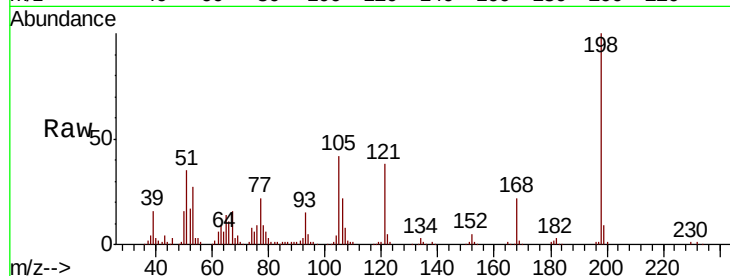




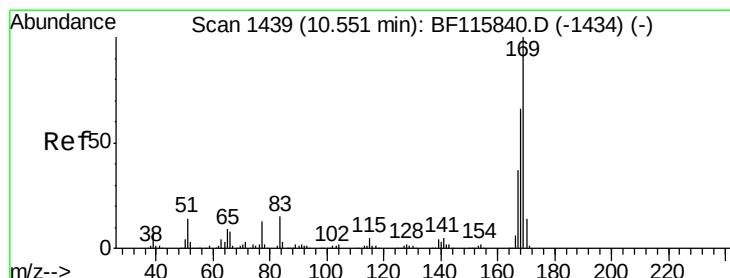
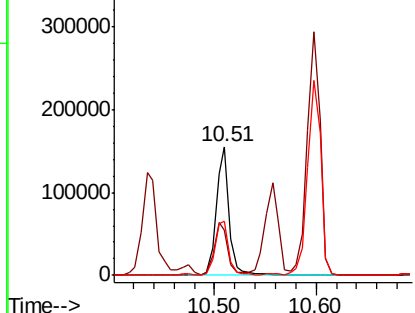
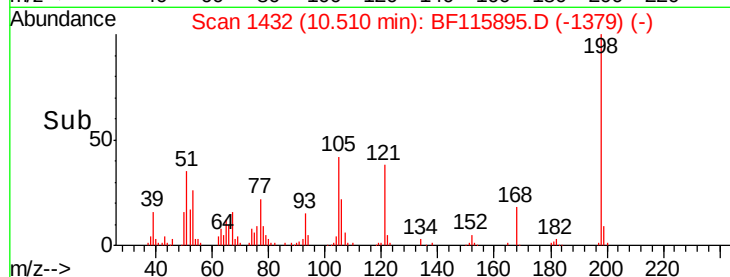
#65
4,6-Dinitro-2-methylphenol
Concen: 45.418 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.1	21.1	61.1
105	41.6	24.5	64.5

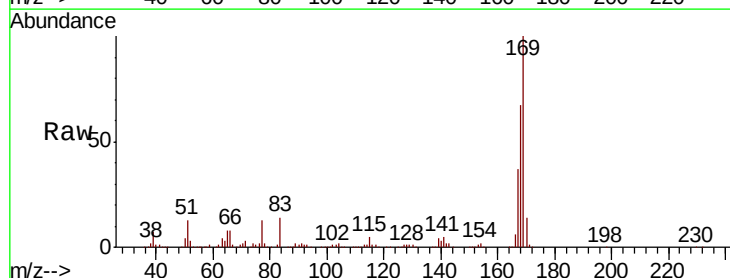


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

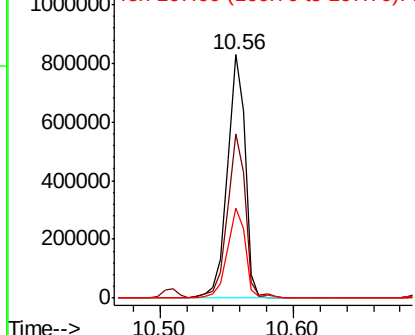
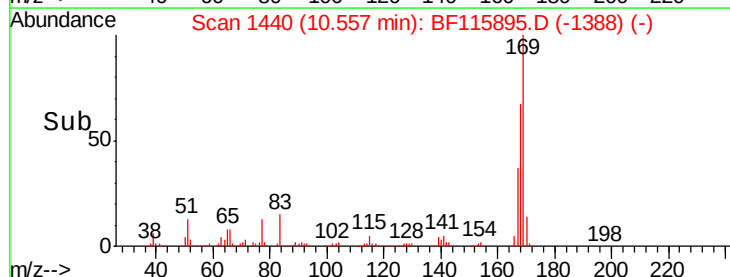


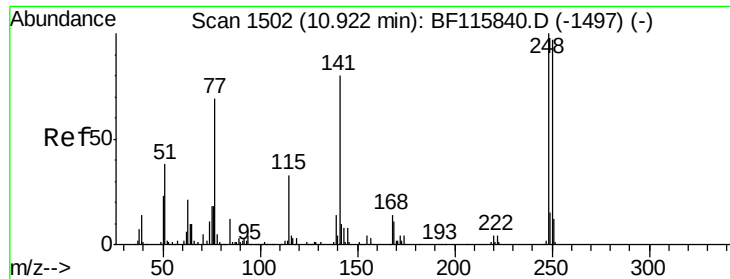
#66
n-Nitrosodiphenylamine
Concen: 45.366 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.0	79.6
167	37.1	29.9	44.9



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

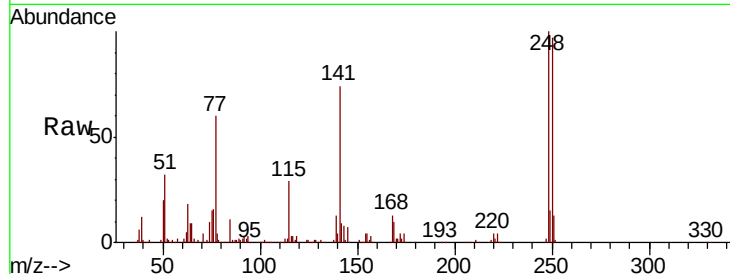




#67
4-Bromophenyl-phenylether
Concen: 43.931 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.8	116.6
141	74.0	64.3	96.5

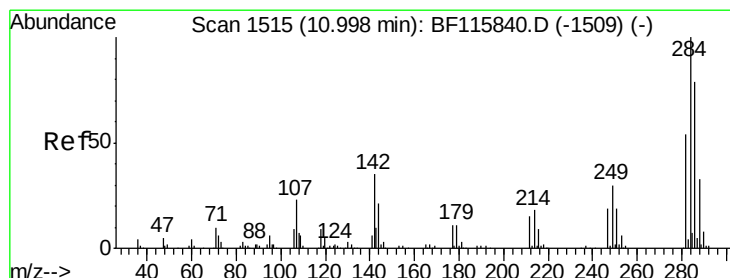
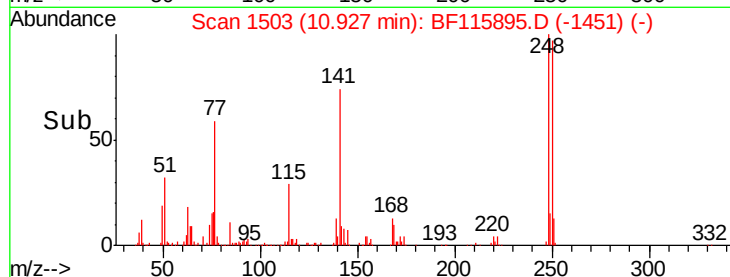
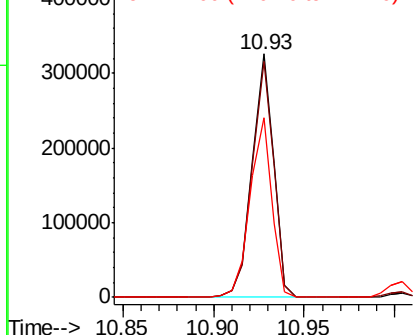


Abundance

Ion 248.00 (247.70 to 248.70): E

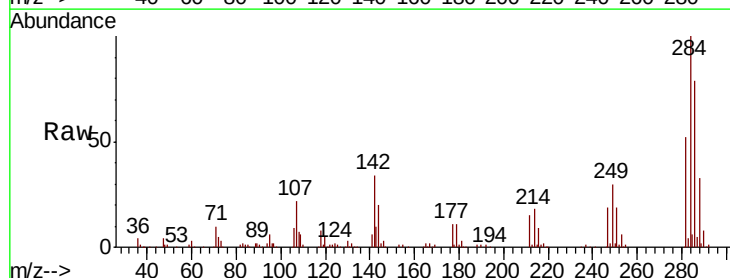
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.565 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	28.2	42.2
249	29.7	24.0	36.0

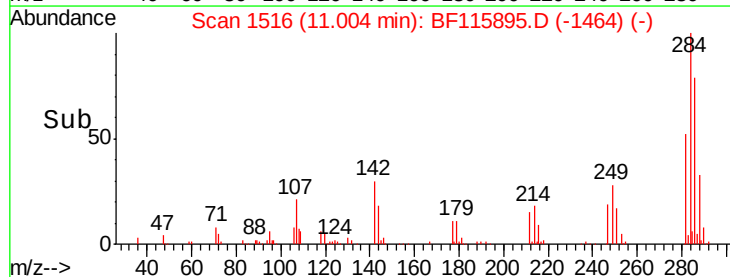
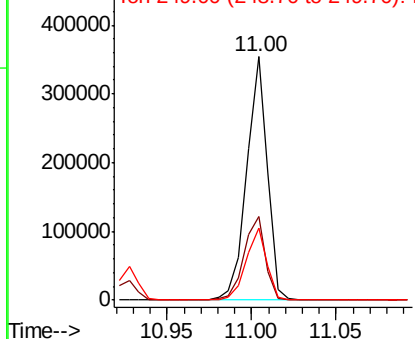


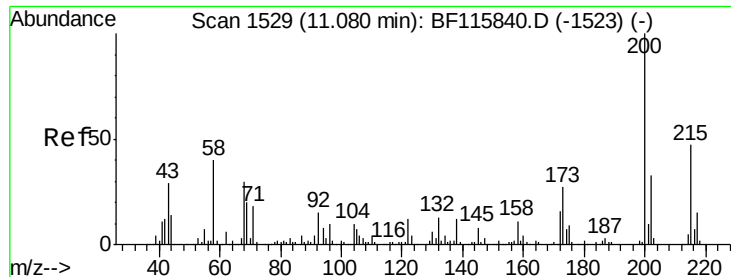
Abundance

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

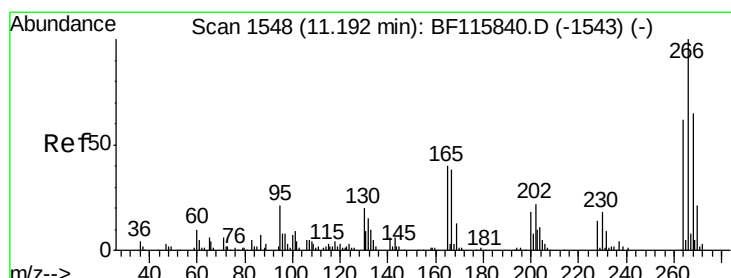
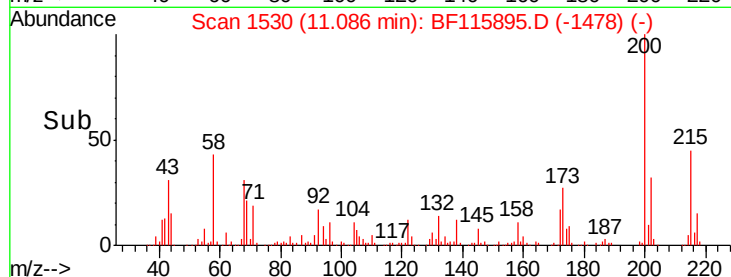
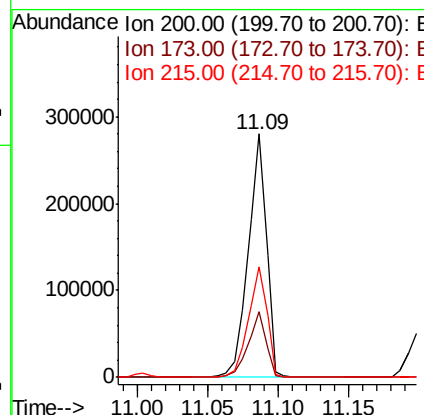
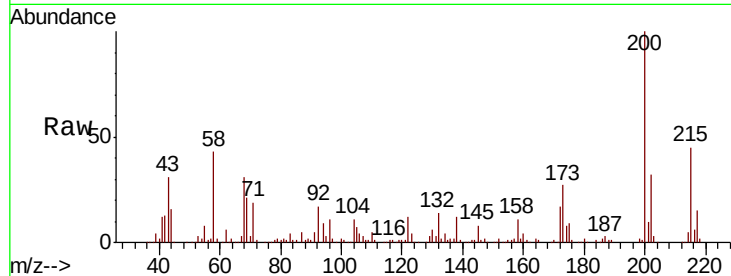




#69
Atrazine
Concen: 44.402 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

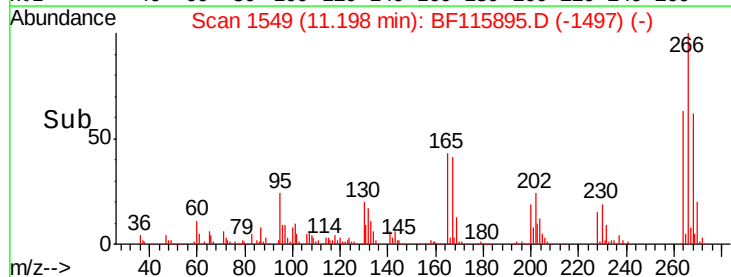
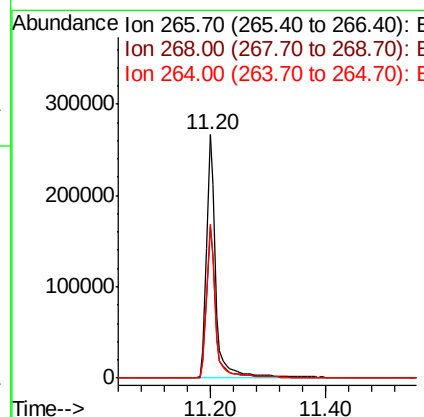
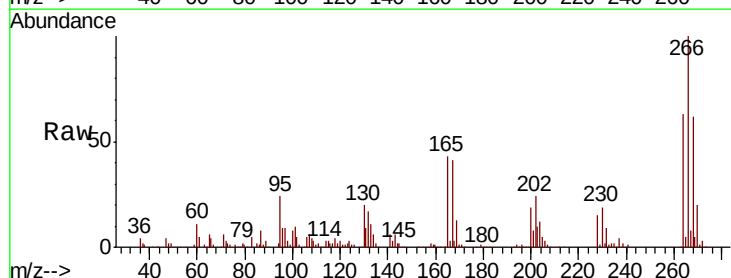
Instrument :
BNA_F
ClientSampleId :

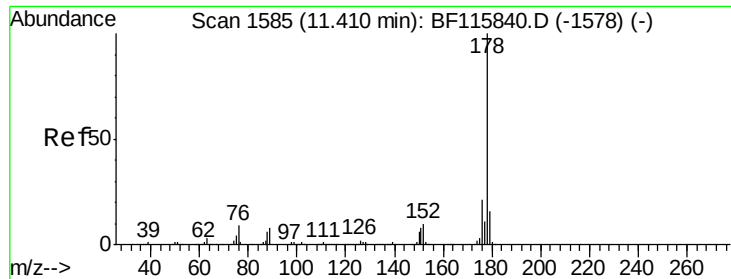
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.3	47.3
215	45.3	26.9	66.9



#70
Pentachlorophenol
Concen: 89.556 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.6	77.4
264	63.4	49.4	74.0

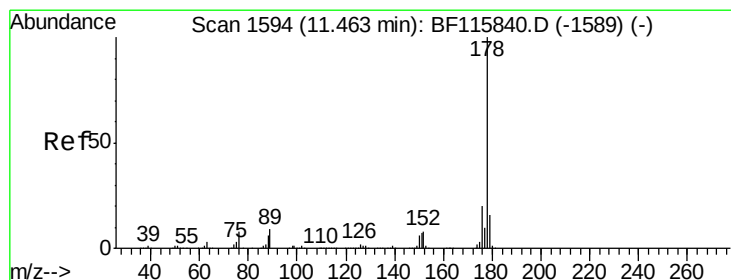
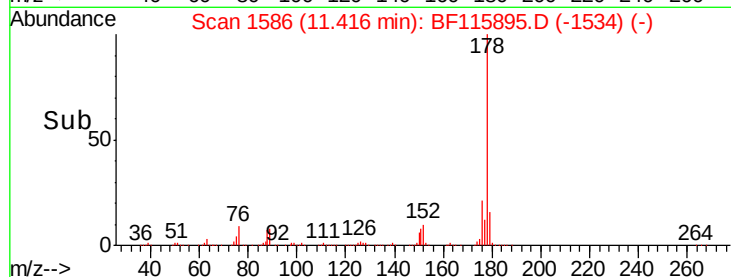
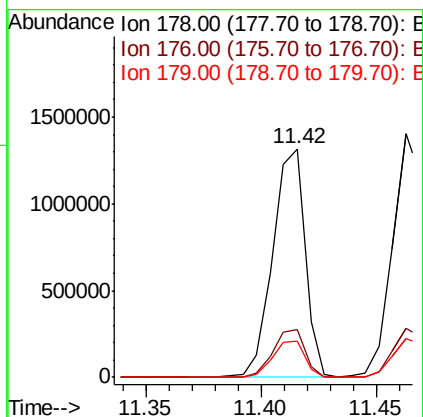
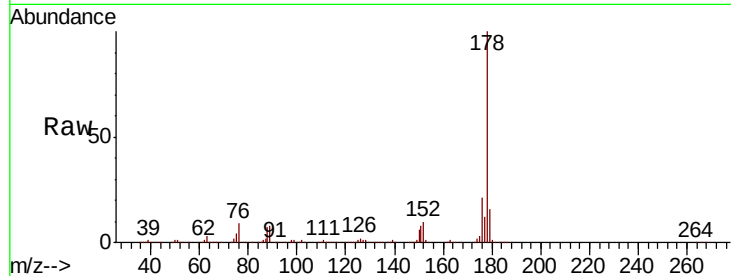




#71
Phenanthrene
Concen: 43.756 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

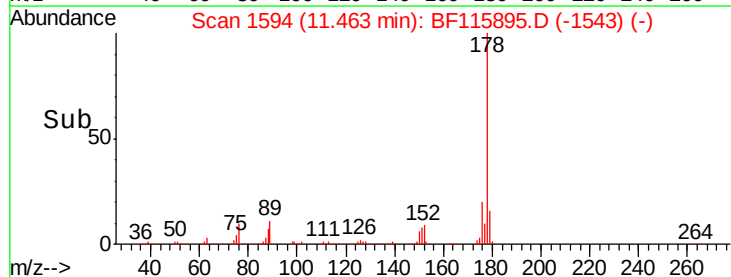
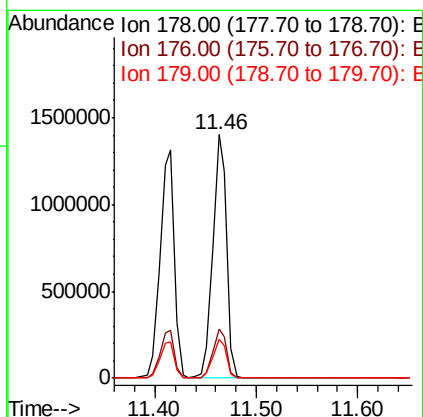
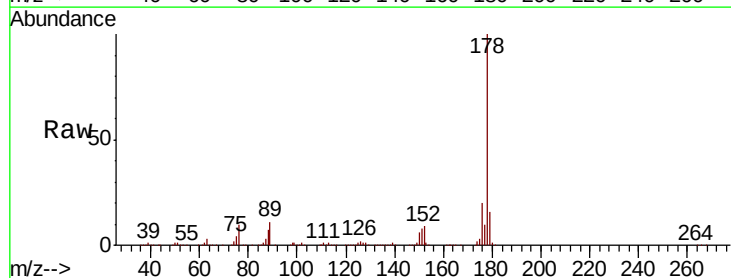
Instrument :
BNA_F
ClientSampleId :

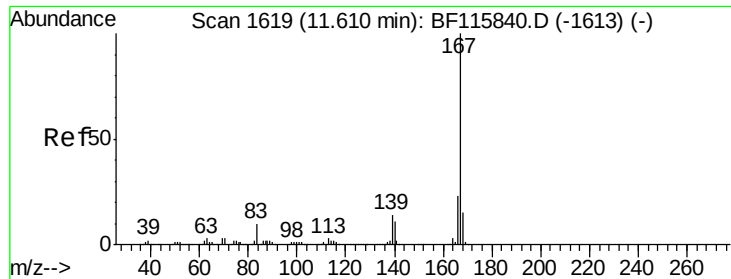
Tot Ion:178 Resp: 1284754
Ion Ratio Lower Upper
178 100
176 20.9 16.5 24.7
179 15.8 12.6 18.8



#72
Anthracene
Concen: 44.569 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:178 Resp: 1324374
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 16.1 12.4 18.6

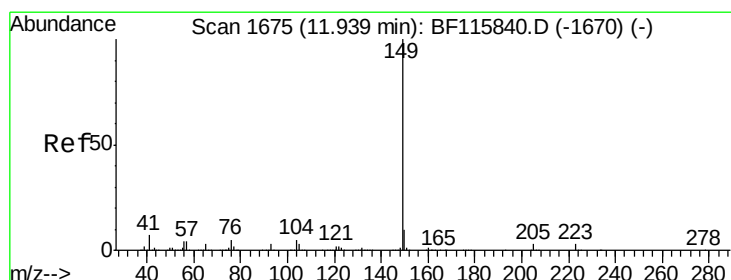
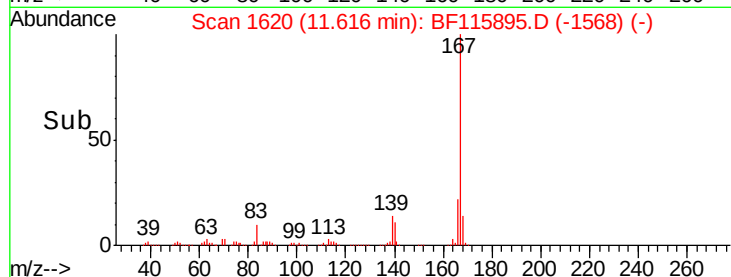
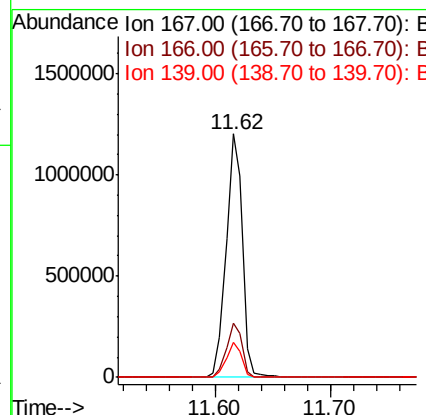
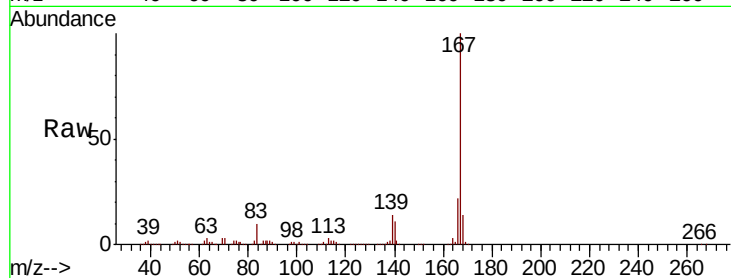




#73
 Carbazole
 Concen: 43.503 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

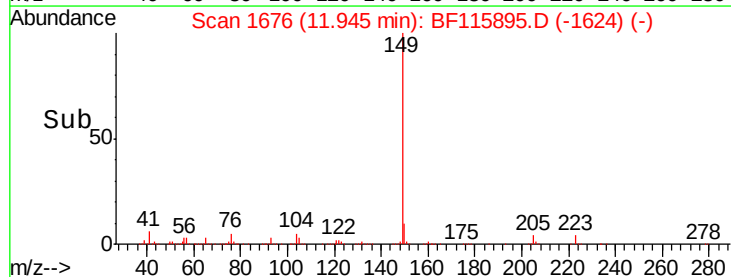
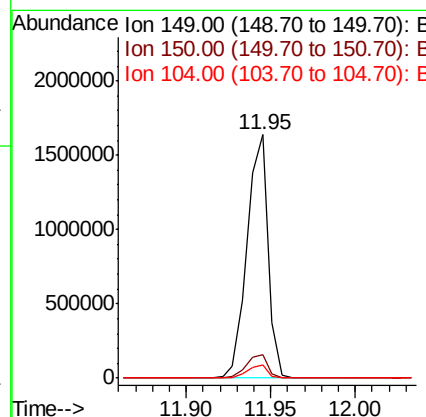
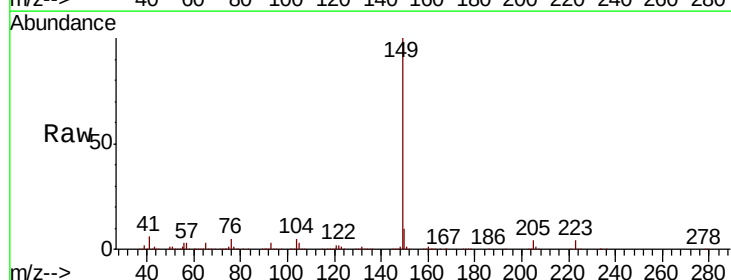
Instrument :
 BNA_F
 ClientSampleId :

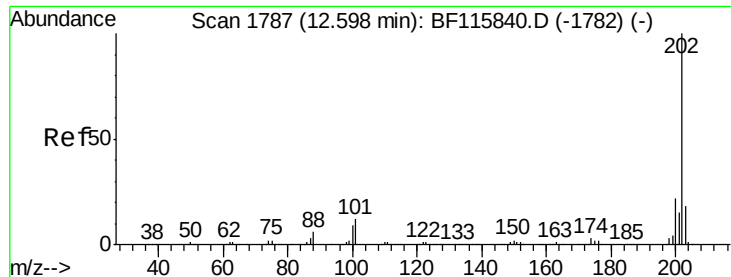
Tot Ion:167 Resp: 1172803
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 14.3 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 45.264 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion:149 Resp: 1423532
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.2 4.3 6.5

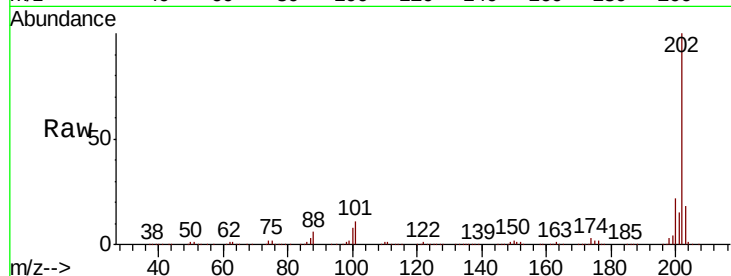




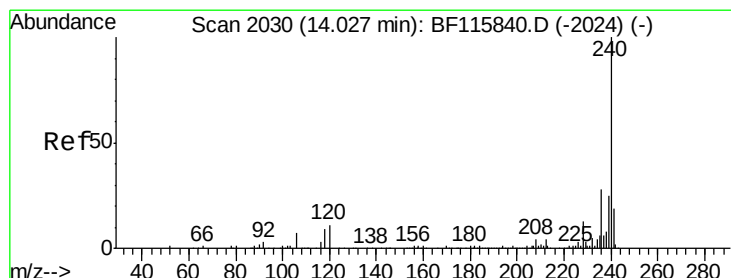
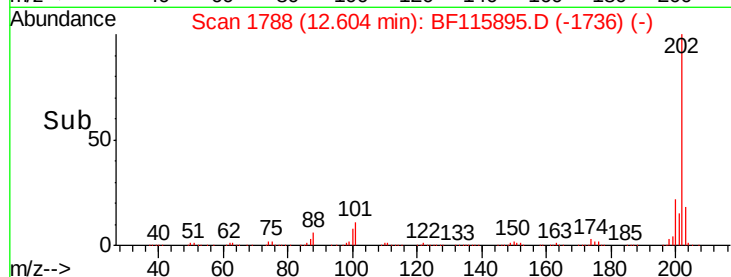
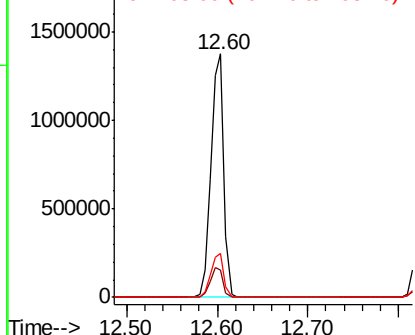
#75
 Fluoranthene
 Concen: 44.161 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1357456
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.5
 203 18.1 0.0 37.9

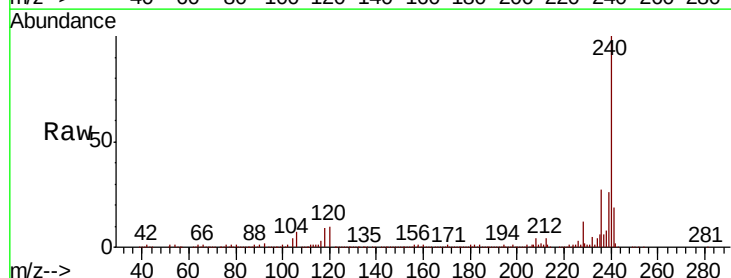


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

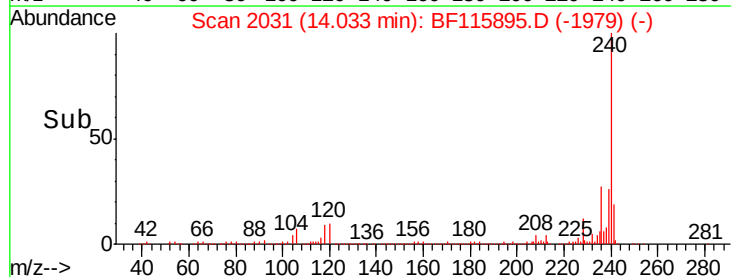
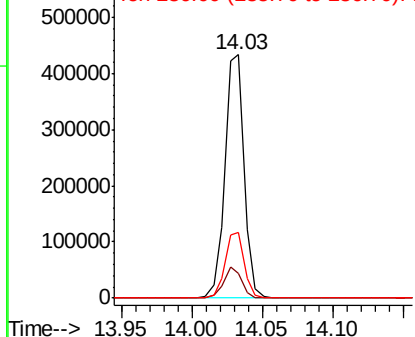


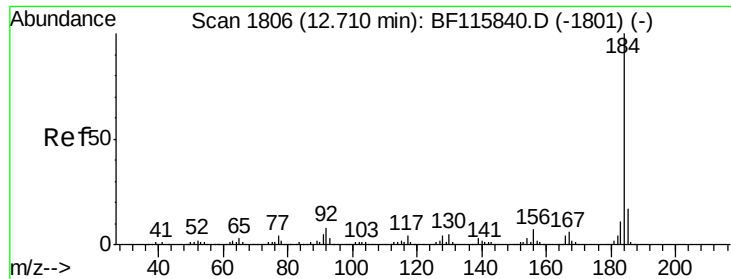
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF115895.D
 Acq: 1 Aug 2019 9:36

Tgt Ion:240 Resp: 406286
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.5 12.7
 236 26.8 22.2 33.2



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

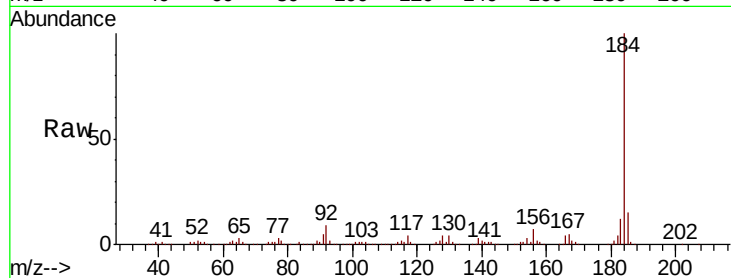




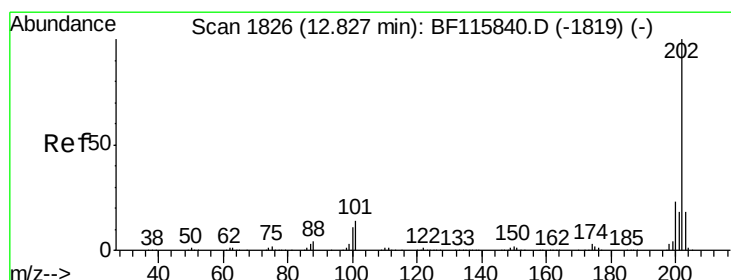
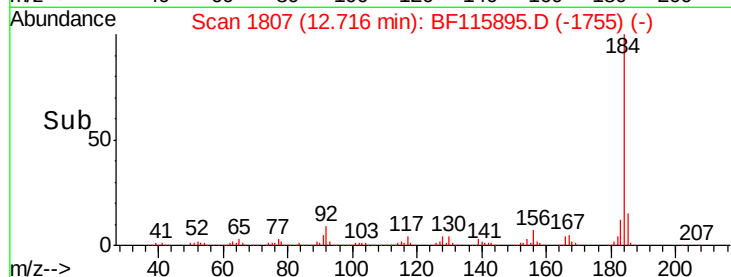
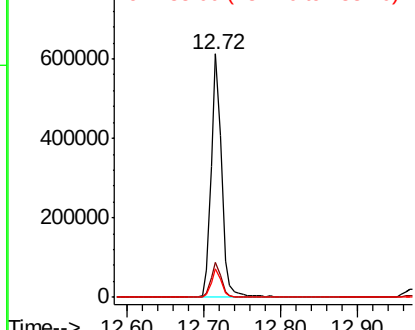
#77
Benzidine
Concen: 41.624 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 571338
Ion Ratio Lower Upper
184 100
185 14.6 13.4 20.2
183 11.6 9.1 13.7

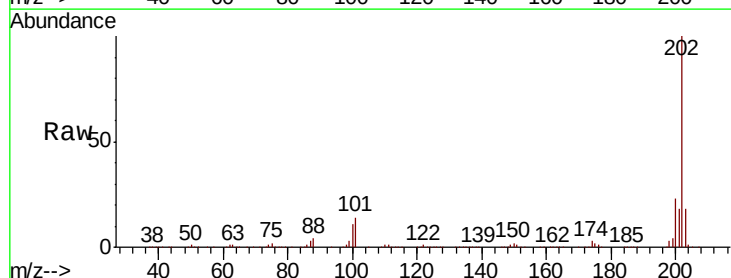


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

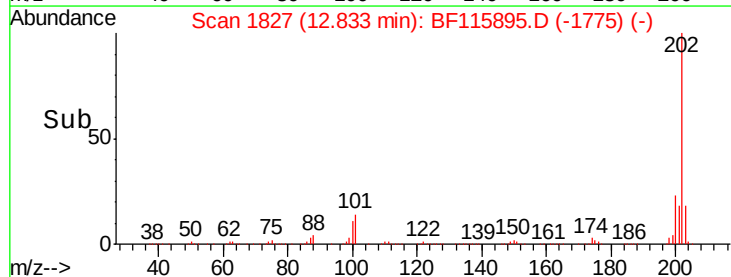
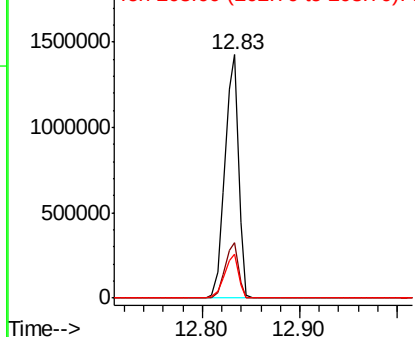


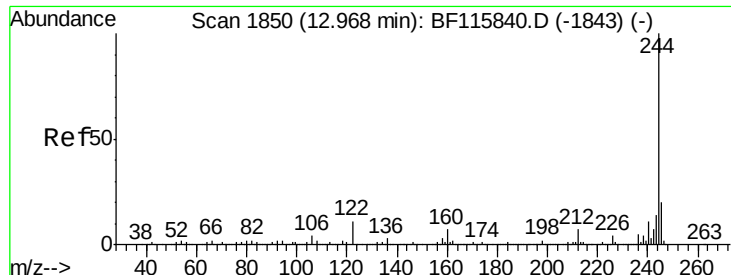
#78
Pyrene
Concen: 45.316 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:202 Resp: 1387882
Ion Ratio Lower Upper
202 100
200 22.6 18.2 27.2
203 17.9 14.3 21.5



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: 84.602 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

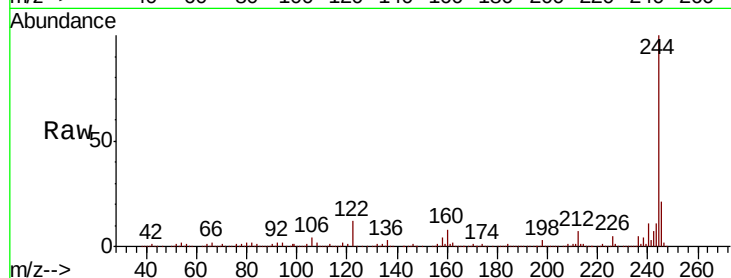
Tot Ion:244 Resp: 1631218

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

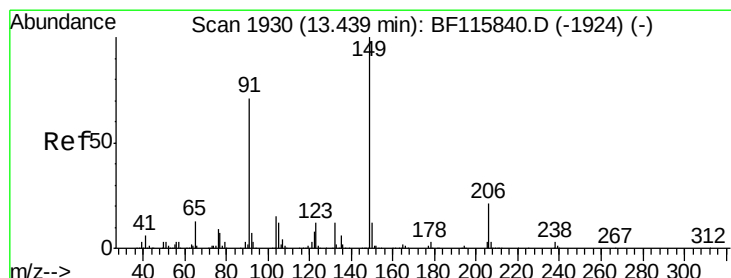
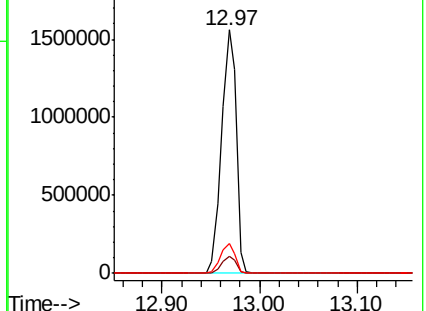
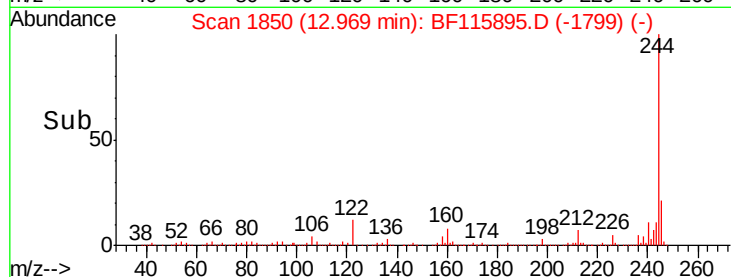
122 12.3 8.6 13.0



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: 47.396 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

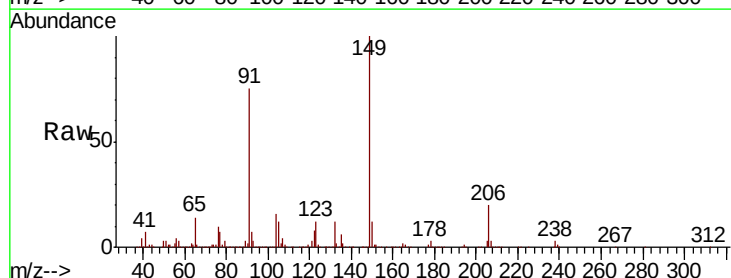
Tgt Ion:149 Resp: 614023

Ion Ratio Lower Upper

149 100

91 74.8 57.0 85.6

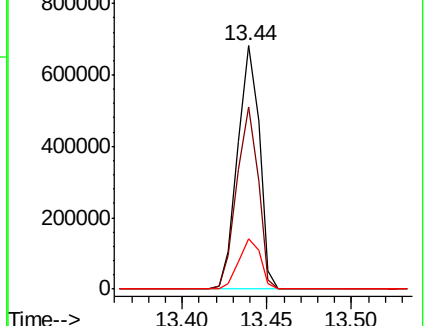
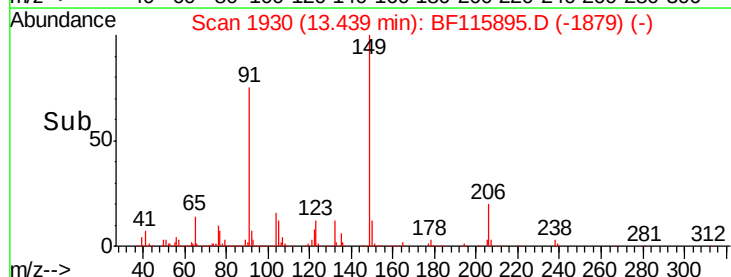
206 20.5 16.9 25.3

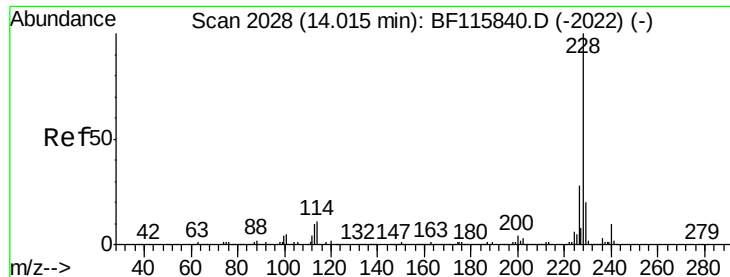


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.567 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

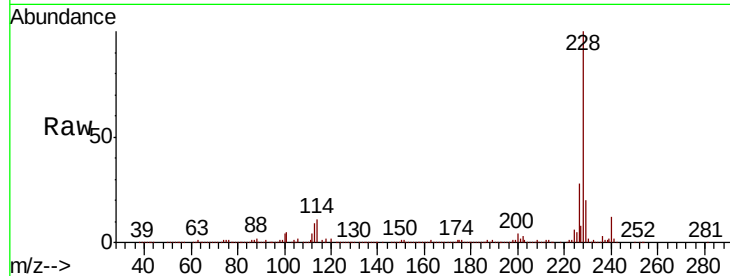
Tot Ion:228 Resp: 1131359

Ion Ratio Lower Upper

228 100

226 27.6 22.5 33.7

229 19.9 16.1 24.1

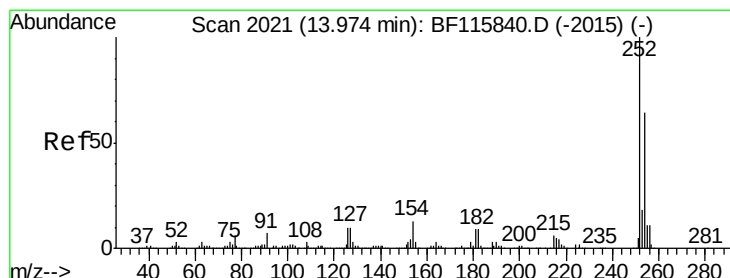
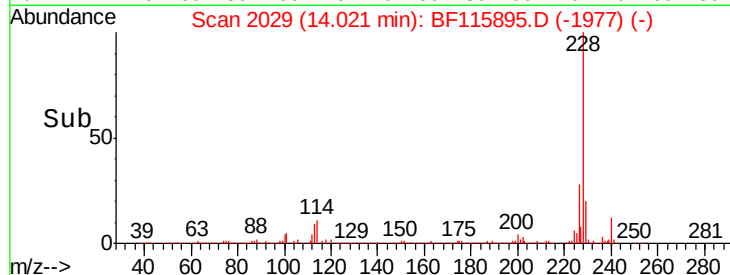
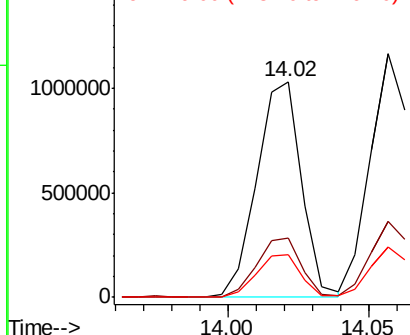


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.764 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

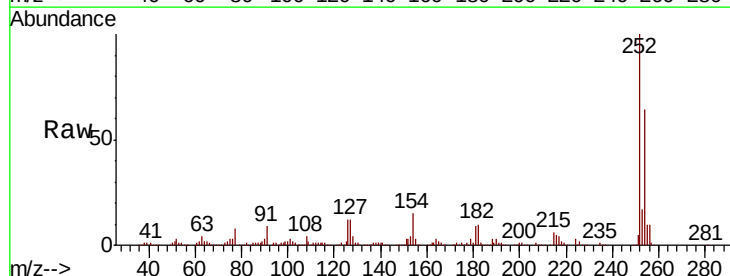
Tgt Ion:252 Resp: 313637

Ion Ratio Lower Upper

252 100

254 63.8 51.2 76.8

126 12.2 8.1 12.1#

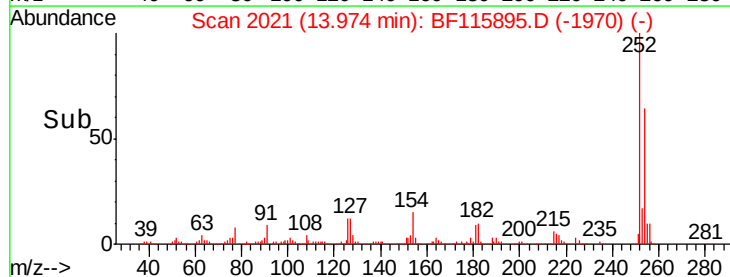
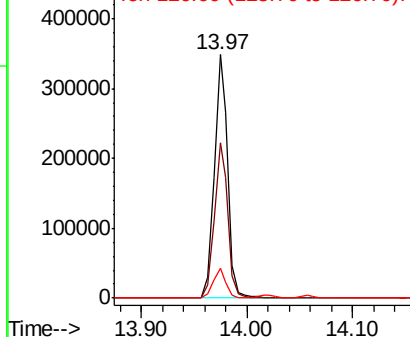


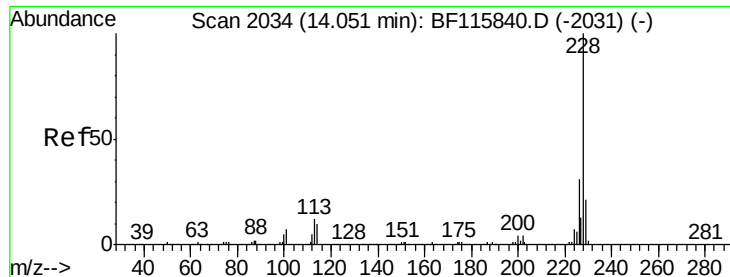
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.419 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

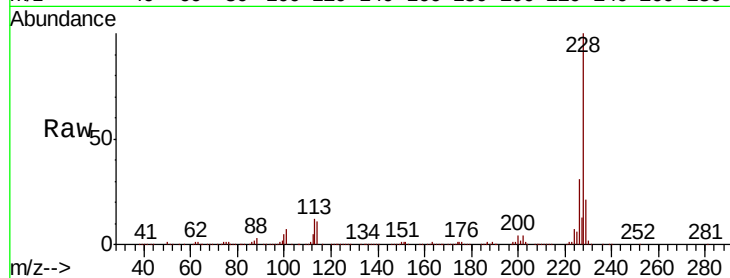
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1094655

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	20.7	16.4	24.6

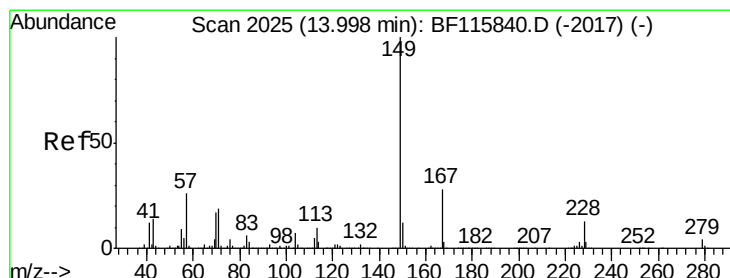
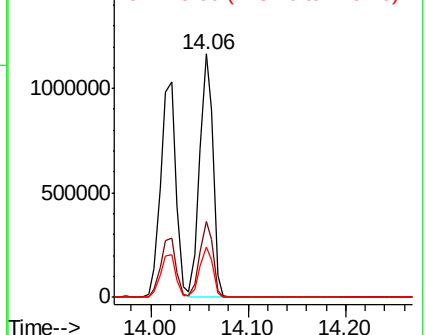
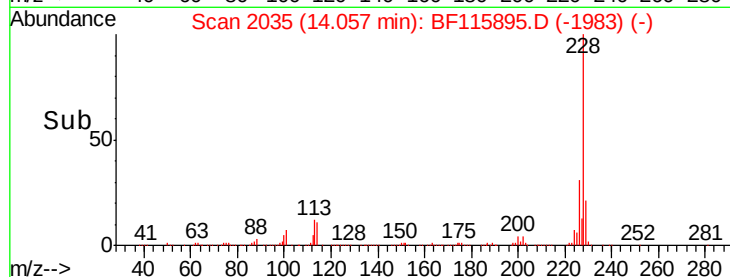


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.728 ng

RT: 14.00 min Scan# 2025

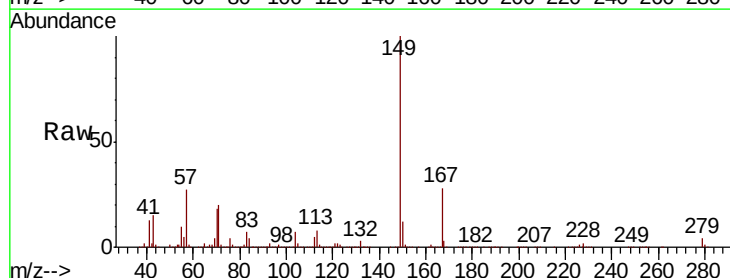
Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Tgt Ion:149 Resp: 837181

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	3.7	3.3	4.9

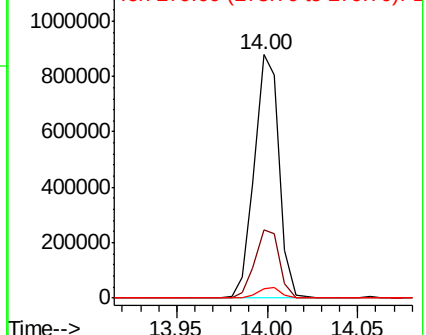
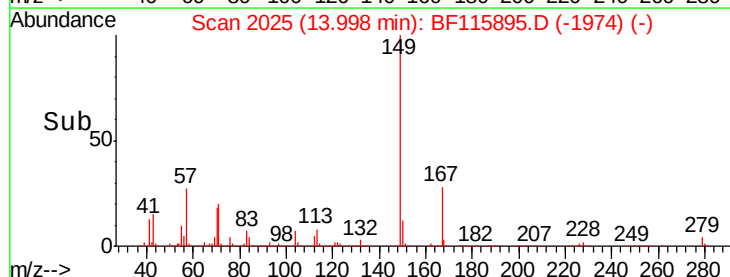


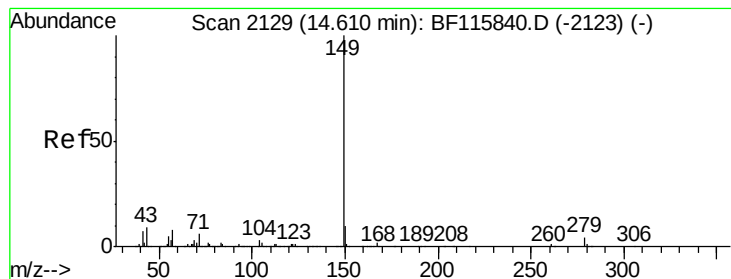
Abundance

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: 48.746 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

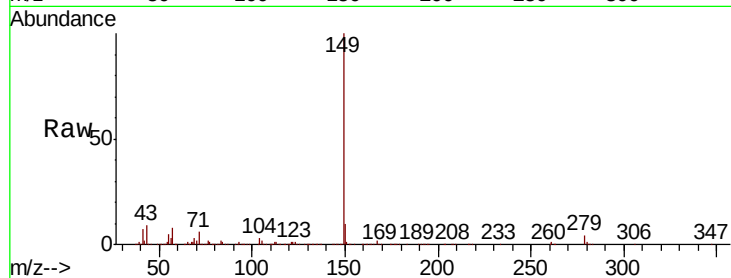
Tot Ion:149 Resp: 1303488

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

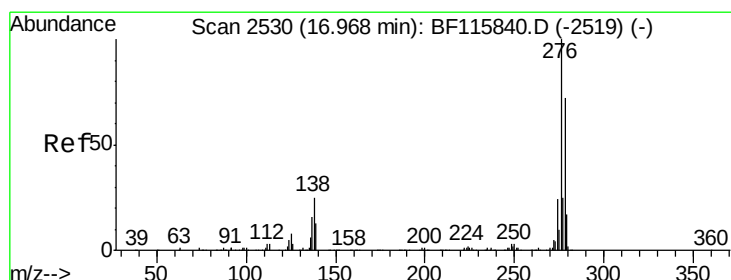
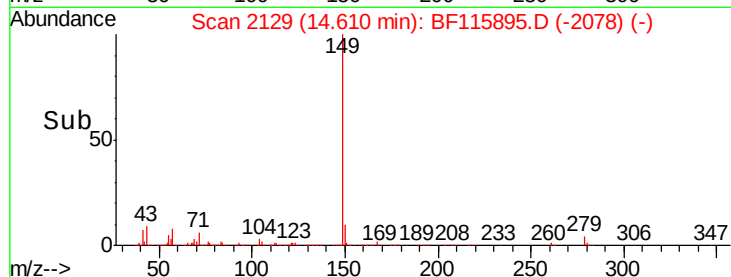
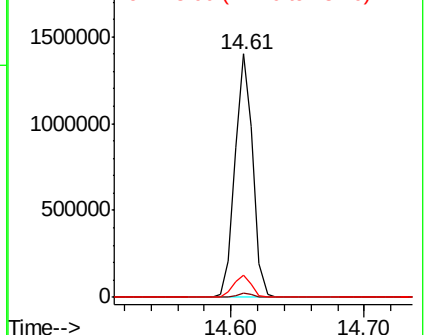
43 9.1 7.4 11.0



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: 40.986 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

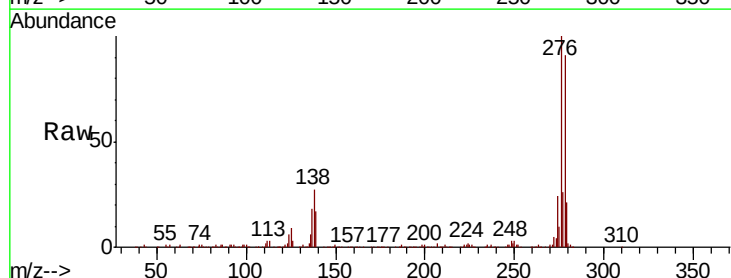
Tgt Ion:276 Resp: 867873

Ion Ratio Lower Upper

276 100

138 25.4 19.6 29.4

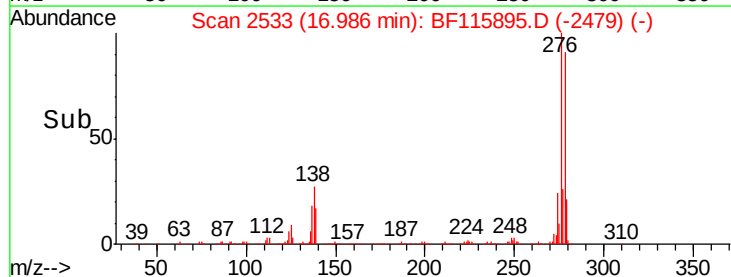
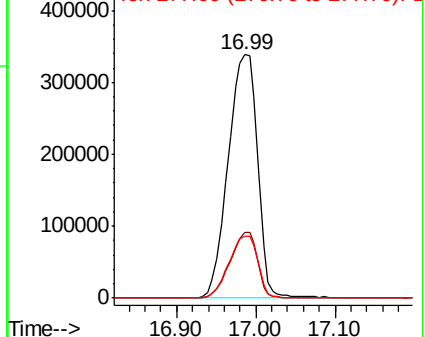
277 25.3 20.1 30.1

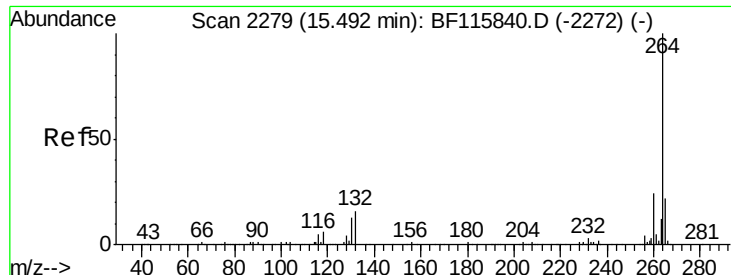


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



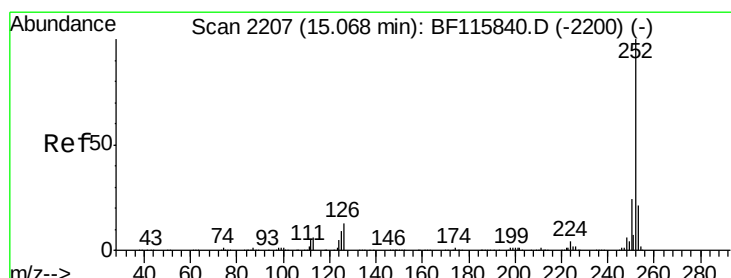
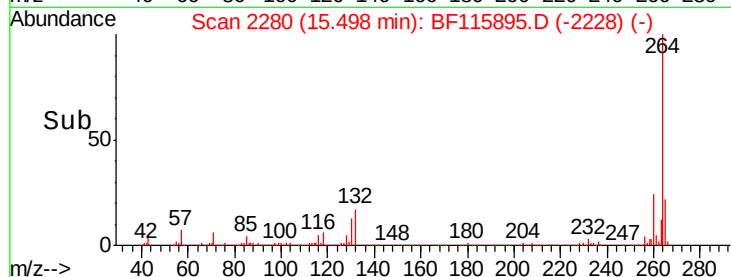
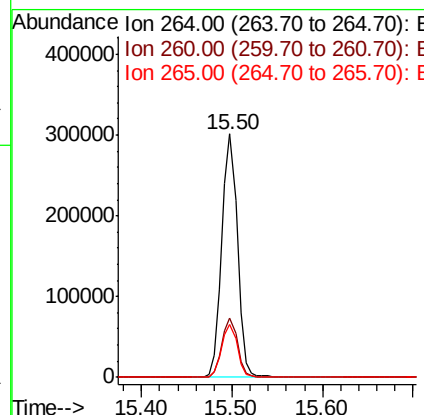
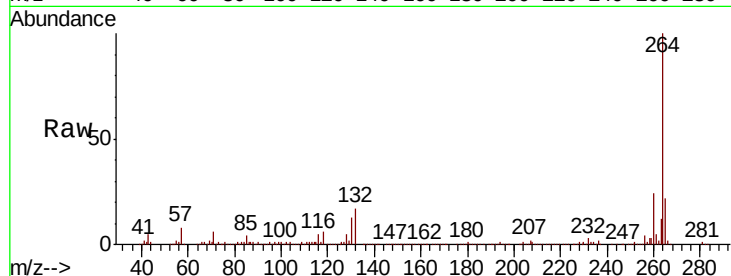


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 359496

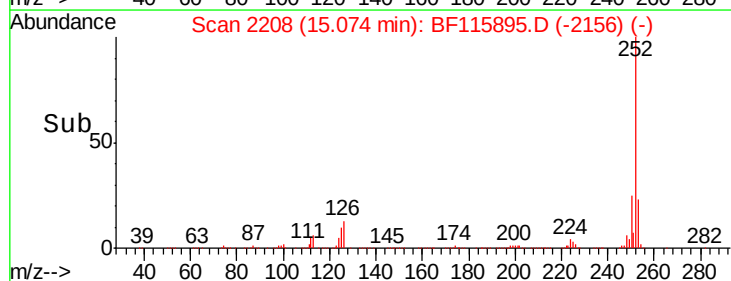
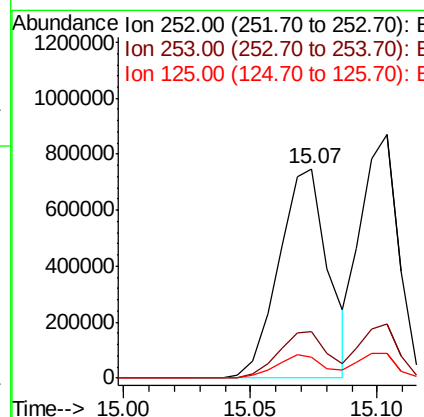
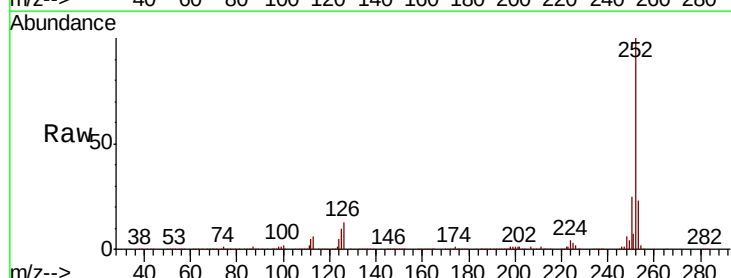
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	17.5	26.3

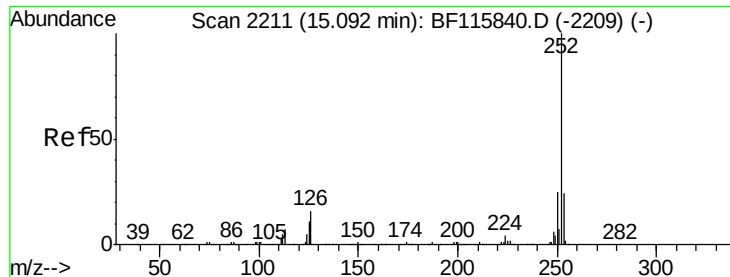


#88
Benzo(b)fluoranthene
Concen: 48.820 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion:252 Resp: 1014797

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.0	7.4	11.0

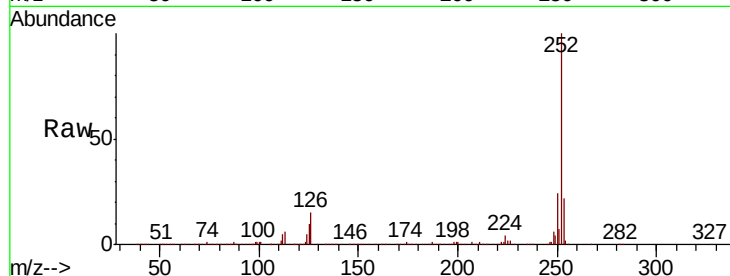




#89
Benzo(k)fluoranthene
Concen: 44.791 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.1	8.9	13.3

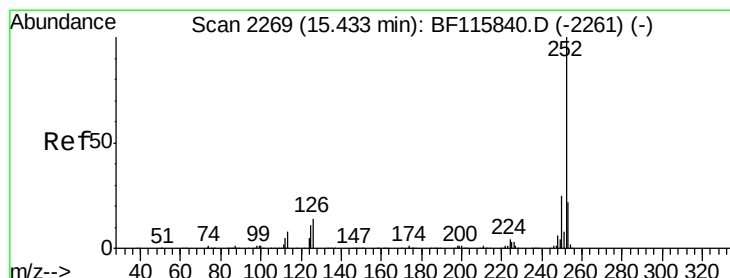
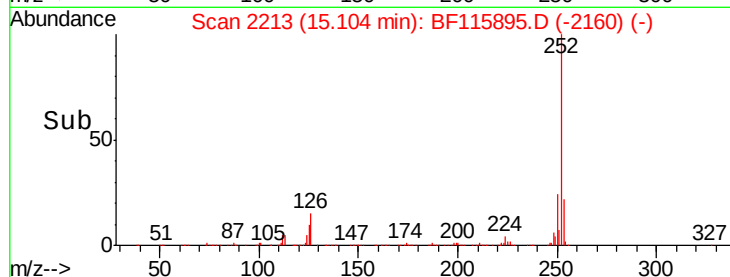
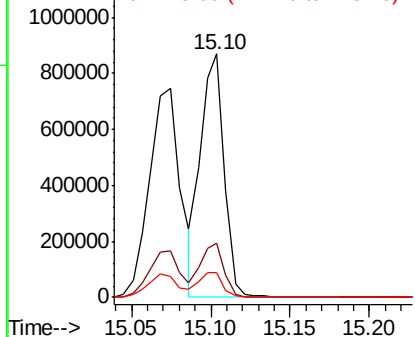


Abundance

Ion 252.00 (251.70 to 252.70): E

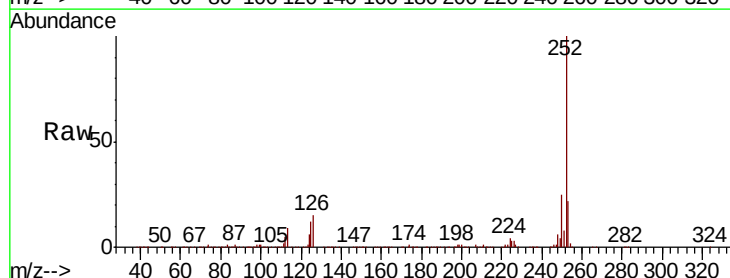
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 48.168 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115895.D
Acq: 1 Aug 2019 9:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.9	8.8	13.2

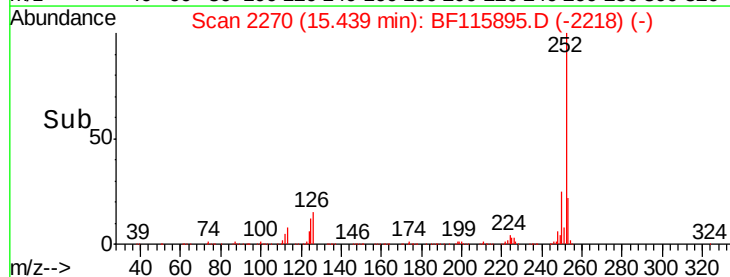
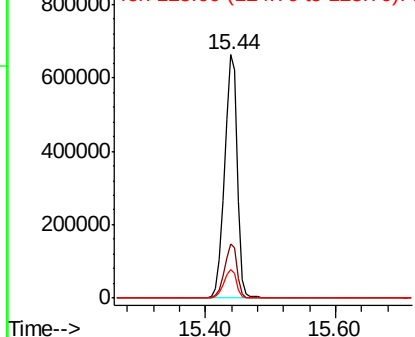


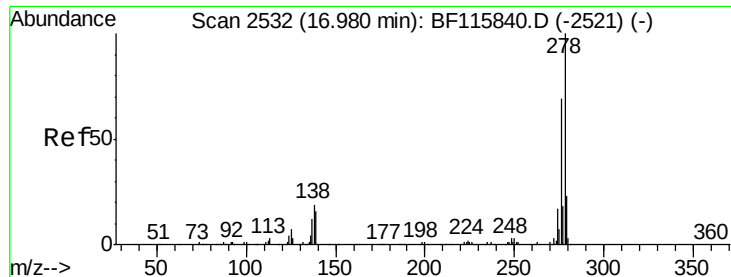
Abundance

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: 44.979 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

Instrument :

BNA_F

ClientSampleId :

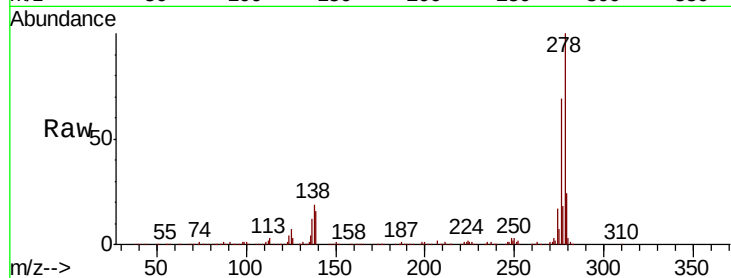
Tot Ion:278 Resp: 723462

Ion Ratio Lower Upper

278 100

139 15.7 12.6 19.0

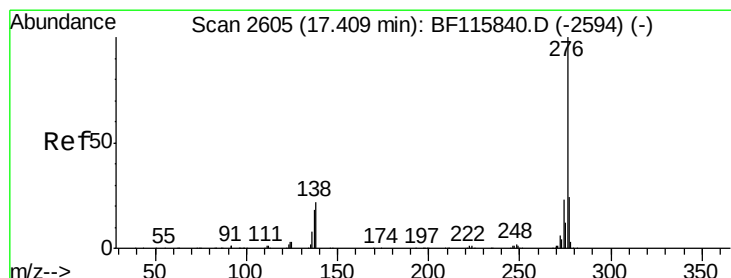
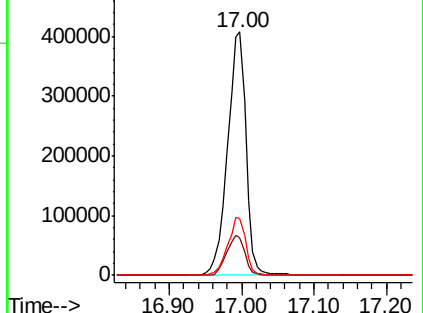
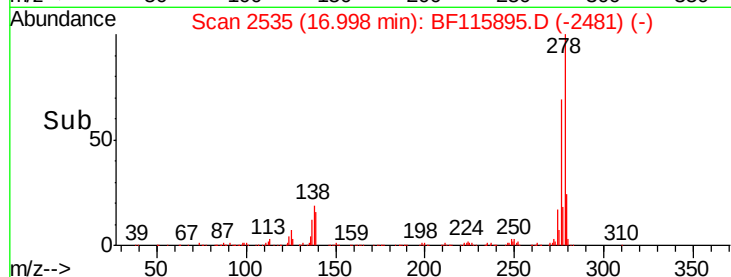
279 23.6 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.733 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF115895.D

Acq: 1 Aug 2019 9:36

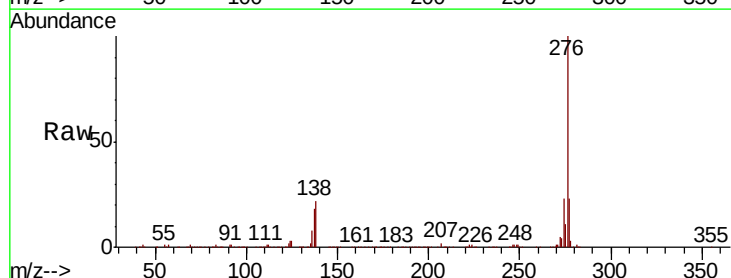
Tgt Ion:276 Resp: 722418

Ion Ratio Lower Upper

276 100

277 23.5 19.5 29.3

138 21.6 17.8 26.8



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

