

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115865.D
 Acq On : 31 Jul 2019 14:52
 Operator : HP/JU
 Sample : K3591-03
 Misc : MDL-SOIL-8PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 09:11:31 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	6.85	152	140839	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	550377	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	292726	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	507589	20.00	ng	0.00
76) Chrysene-d12	14.02	240	381225	20.00	ng	-0.01
87) Perylene-d12	15.49	264	354151	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	842850	100.18	ng	0.00
7) Phenol-d6	6.48	99	1066117	100.44	ng	0.00
23) Nitrobenzene-d5	7.42	82	784446	82.27	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	279961	98.65	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1294837	82.85	ng	0.00
79) Terphenyl-d14	12.96	244	1383275	76.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.61	88	35465	8.344	ng	98
3) Pyridine	3.42	79	74908	6.309	ng	99
4) n-Nitrosodimethylamine	3.30	42	34851	7.438	ng	# 96
6) Aniline	6.52	93	124157	8.168	ng	99
8) 2-Chlorophenol	6.64	128	77041	8.281	ng	97
9) Benzaldehyde	6.40	77	68034	9.289	ng	96
10) Phenol	6.49	94	105180	8.415	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	73776	8.028	ng	96
12) 1,3-Dichlorobenzene	6.79	146	86792	8.073	ng	98
13) 1,4-Dichlorobenzene	6.87	146	87897	8.165	ng	99
14) 1,2-Dichlorobenzene	7.02	146	82328	8.306	ng	98
15) Benzyl Alcohol	6.99	79	70668	8.773	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	98212	7.835	ng	99
17) 2-Methylphenol	7.10	107	63553	8.068	ng	99
18) Hexachloroethane	7.36	117	30167	7.611	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	54783	8.329	ng	97
20) 3+4-Methylphenols	7.26	107	81782	8.773	ng	# 50
22) Acetophenone	7.26	105	110938	9.191	ng	97
24) Nitrobenzene	7.43	77	90366	8.777	ng	99
25) Isophorone	7.66	82	150583	8.259	ng	97
26) 2-Nitrophenol	7.75	139	36670	7.556	ng	97
27) 2,4-Dimethylphenol	7.78	122	64638	8.853	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	89908	7.956	ng	99
29) 2,4-Dichlorophenol	7.99	162	63322	8.214	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	71213	8.104	ng	100
31) Naphthalene	8.15	128	233285	9.007	ng	98
32) Benzoic acid	7.87	122	5103	0.991	ng	98
33) 4-Chloroaniline	8.20	127	94207	8.141	ng	98
34) Hexachlorobutadiene	8.27	225	39514	7.806	ng	99
35) Caprolactam	8.54	113	19603	7.862	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	64665	8.063	ng	99
37) 2-Methylnaphthalene	8.85	142	155235	9.101	ng	97
38) 1-Methylnaphthalene	8.95	142	143260	8.878	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	66489	8.496	ng	98

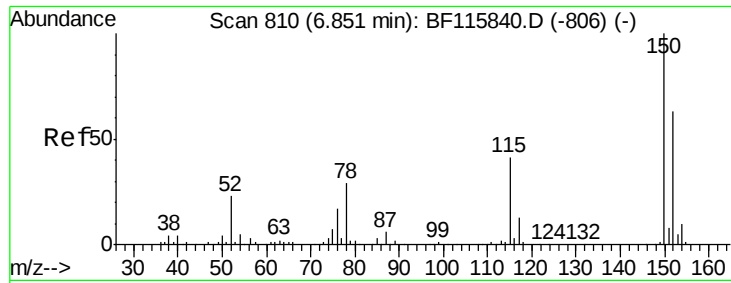
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115865.D
 Acq On : 31 Jul 2019 14:52
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 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	11939	3.903	ng	96
43) 2,4,6-Trichlorophenol	9.13	196	37648	6.989	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	42816	7.690	ng	98
46) 1,1'-Biphenyl	9.31	154	187473	9.071	ng	99
47) 2-Chloronaphthalene	9.34	162	142618	8.291	ng	99
48) 2-Nitroaniline	9.43	65	41813	7.354	ng	# 82
49) Acenaphthylene	9.75	152	222918	8.883	ng	99
50) Dimethylphthalate	9.60	163	158038	7.929	ng	99
51) 2,6-Dinitrotoluene	9.67	165	33362	7.702	ng	88
52) Acenaphthene	9.92	154	134533	8.739	ng	100
53) 3-Nitroaniline	9.84	138	37436	6.995	ng	90
54) 2,4-Dinitrophenol	9.96	184	3445	1.873	ng	90
55) Dibenzofuran	10.10	168	202491	9.045	ng	99
56) 4-Nitrophenol	10.02	139	16339	4.766	ng	93
57) 2,4-Dinitrotoluene	10.07	165	43574	7.556	ng	90
58) Fluorene	10.44	166	157507	9.144	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	34102	7.280	ng	97
60) Diethylphthalate	10.30	149	147920	7.949	ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	73235	8.395	ng	95
62) 4-Nitroaniline	10.44	138	39934	7.220	ng	99
63) Azobenzene	10.59	77	160091	8.364	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	13112	4.875	ng	96
66) n-Nitrosodiphenylamine	10.54	169	130758	8.559	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	43090	7.930	ng	92
68) Hexachlorobenzene	10.99	284	49856	7.935	ng	99
69) Atrazine	11.07	200	38400	7.640	ng	97
70) Pentachlorophenol	11.19	266	13977	4.582	ng	93
71) Phenanthrene	11.40	178	230644	8.888	ng	99
72) Anthracene	11.45	178	235330	8.961	ng	100
73) Carbazole	11.61	167	204730	8.593	ng	98
74) Di-n-butylphthalate	11.94	149	207783	7.476	ng	98
75) Fluoranthene	12.59	202	231090	8.507	ng	98
77) Benzidine	12.71	184	95960	7.451	ng	99
78) Pyrene	12.82	202	244404	8.505	ng	97
80) Butylbenzylphthalate	13.43	149	79512	6.541	ng	98
81) Benzo(a)anthracene	14.01	228	195363	8.018	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	65952	7.791	ng	98
83) Chrysene	14.04	228	195178	8.251	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	105770	6.696	ng	97
85) Di-n-octyl phthalate	14.60	149	157413	6.274	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	141678	7.131	ng	99
88) Benzo(b)fluoranthene	15.06	252	155811	7.609	ng	99
89) Benzo(k)fluoranthene	15.06	252	155811	7.812	ng	98
90) Benzo(a)pyrene	15.42	252	145274	7.936	ng	100
91) Dibenzo(a,h)anthracene	16.97	278	117833	7.437	ng	100
92) Benzo(g,h,i)perylene	17.40	276	115694	7.435	ng	98

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

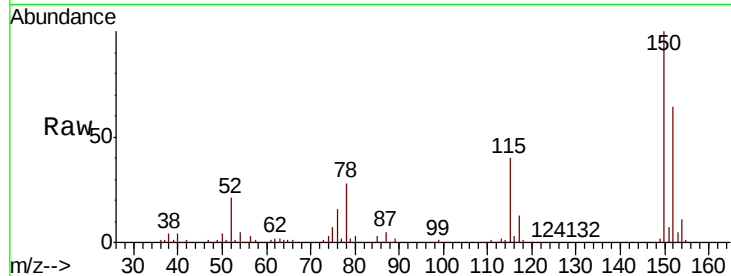


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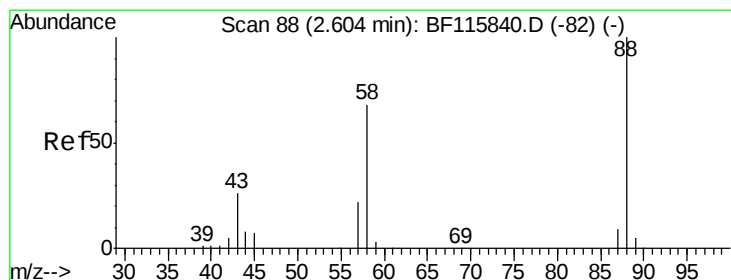
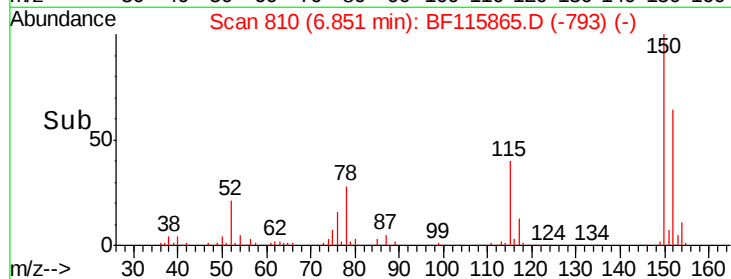
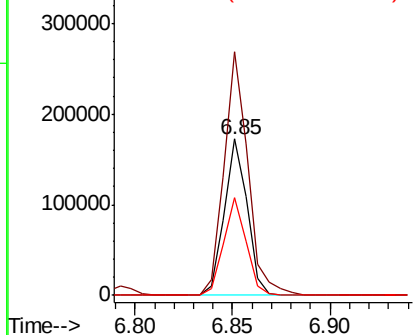
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	127.4	191.0
115	62.1	51.8	77.8



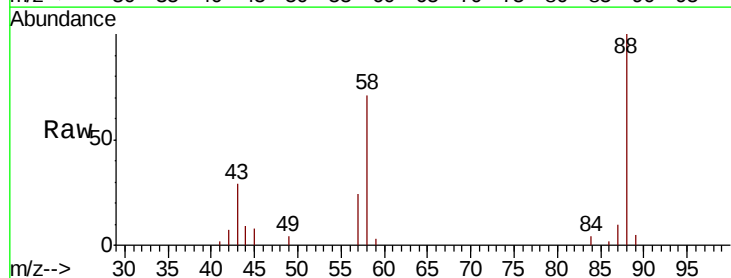
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



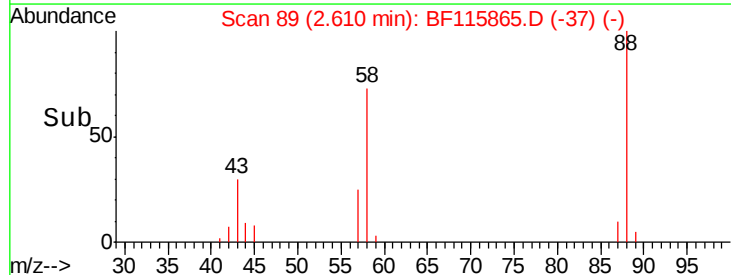
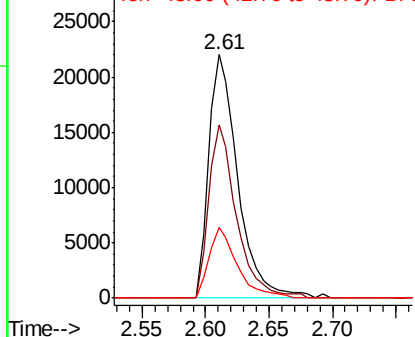
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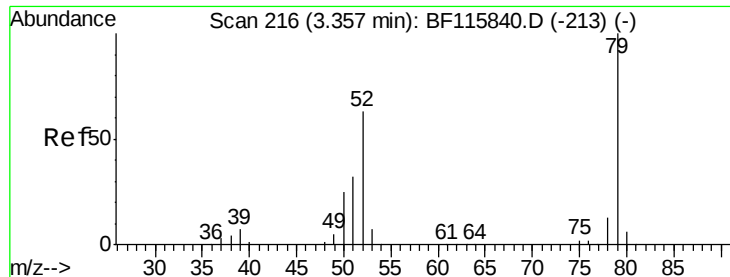
1,4-Dioxane
 Concen: 8.344 ng
 RT: 2.61 min Scan# 89
 Delta R.T. 0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	54.1	81.1
43	28.4	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

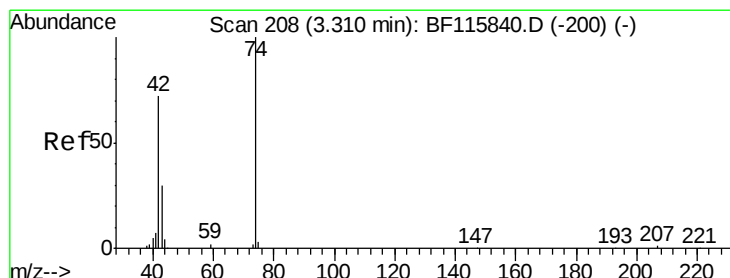
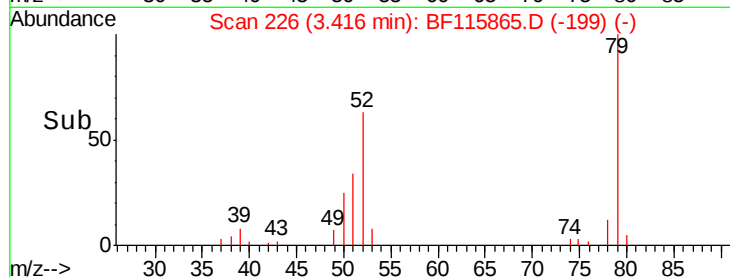
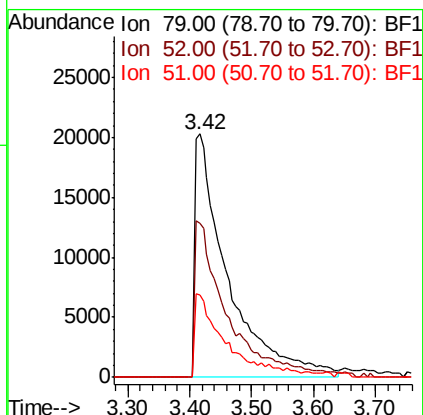
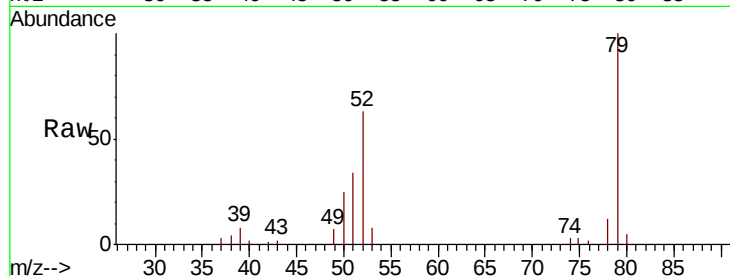




#3
 Pvridine
 Concen: 6.309 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

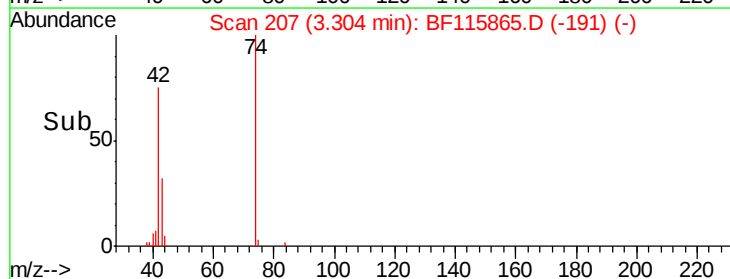
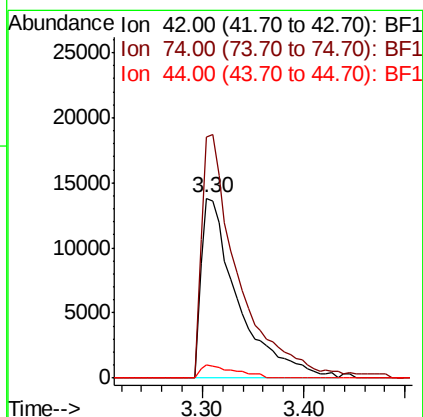
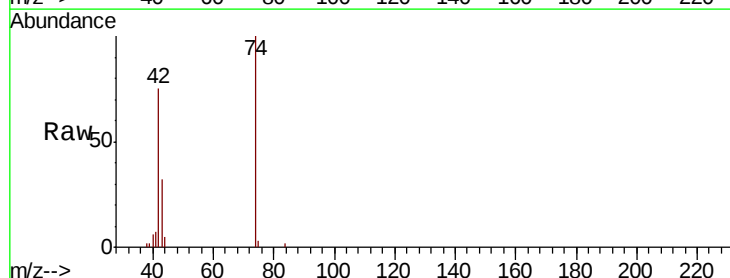
Instrument :
 BNA_F
 ClientSampled :

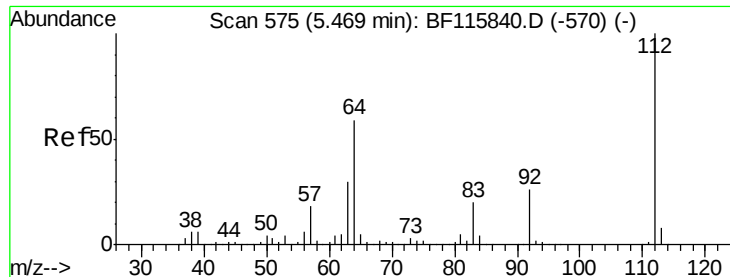
Tot Ion: 79 Resp: 74908
 Ion Ratio Lower Upper
 79 100
 52 63.3 50.2 75.4
 51 33.8 25.8 38.6



#4
 n-Nitrosodimethylamine
 Concen: 7.438 ng
 RT: 3.30 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion: 42 Resp: 34851
 Ion Ratio Lower Upper
 42 100
 74 134.1 111.0 166.4
 44 7.2 4.7 7.1#





#5

2-Fluorophenol

Concen: 100.184 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Instrument :

BNA_F

ClientSampleId :

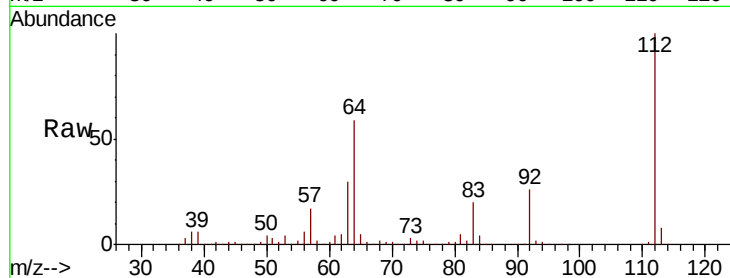
Tot Ion: 112 Resp: 842850

Ion Ratio Lower Upper

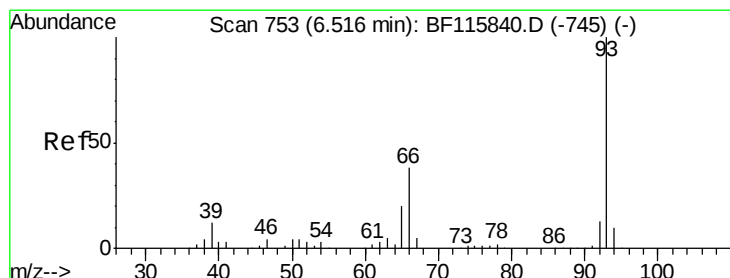
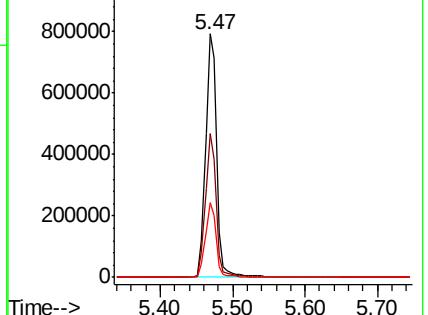
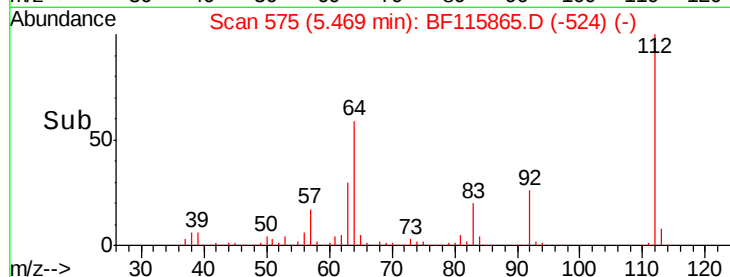
112 100

64 58.9 46.8 70.2

63 30.5 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: 8.168 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

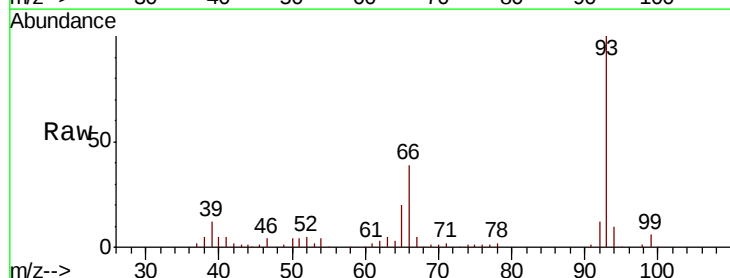
Tgt Ion: 93 Resp: 124157

Ion Ratio Lower Upper

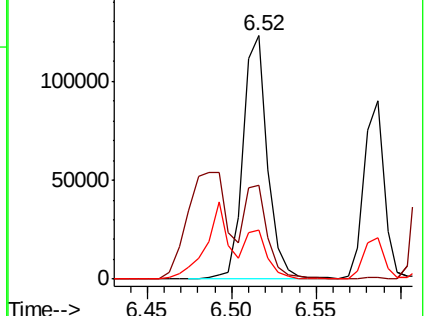
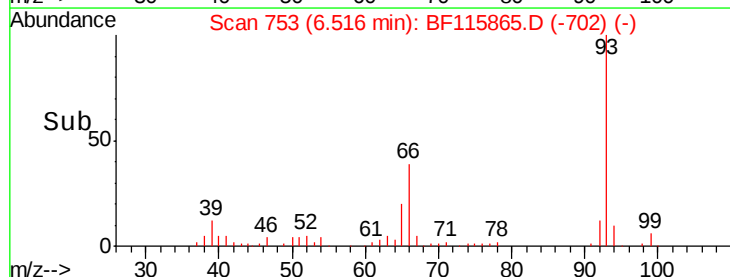
93 100

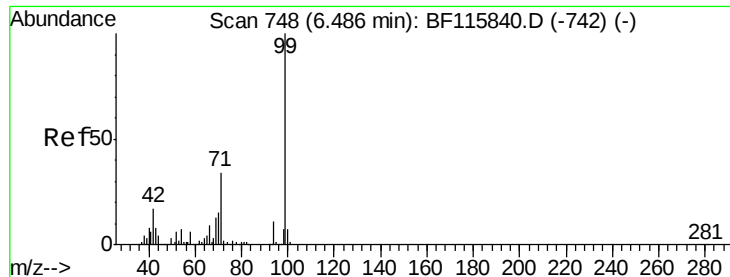
66 38.6 31.4 47.0

65 20.2 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: 100.440 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Instrument :

BNA_F

ClientSampleId :

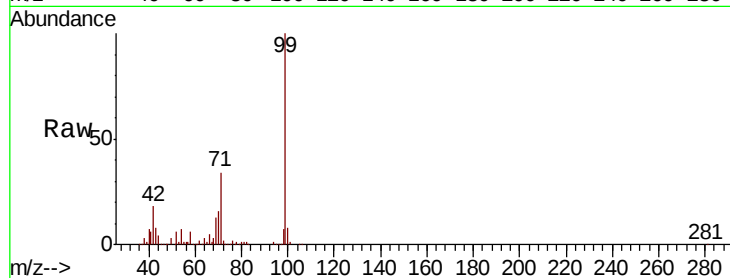
Tot Ion: 99 Resp: 1066117

Ion Ratio Lower Upper

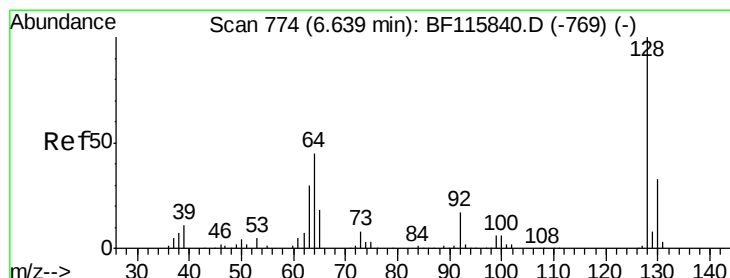
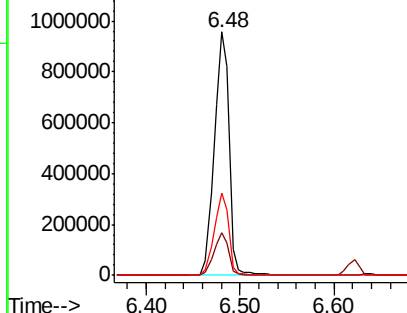
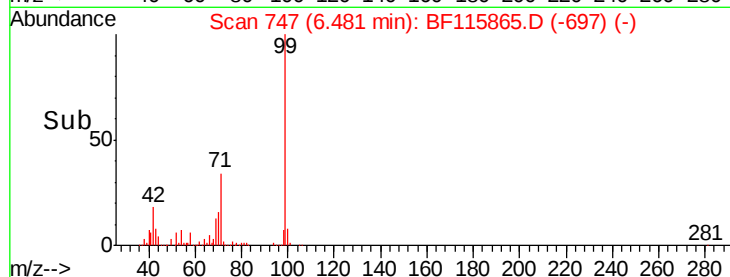
99 100

42 17.5 13.8 20.6

71 33.7 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: 8.281 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

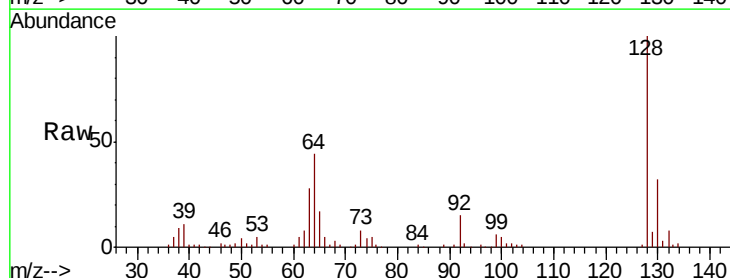
Tgt Ion: 128 Resp: 77041

Ion Ratio Lower Upper

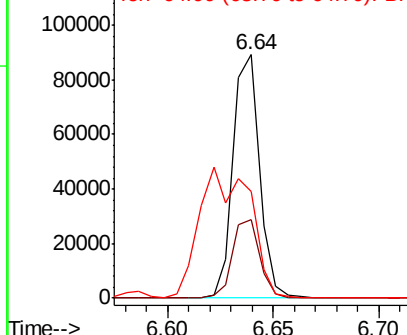
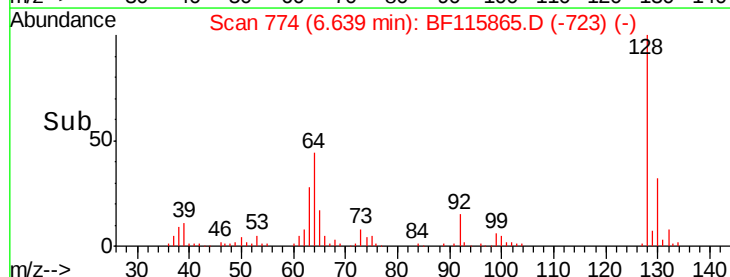
128 100

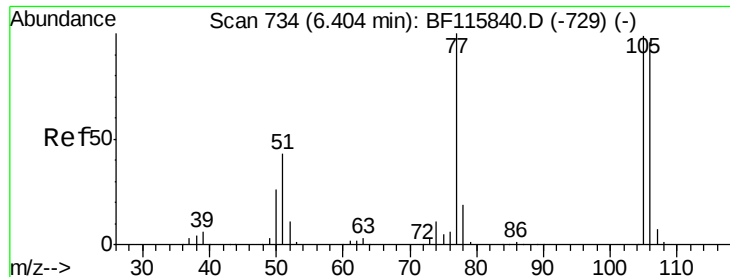
130 32.3 12.9 52.9

64 43.5 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

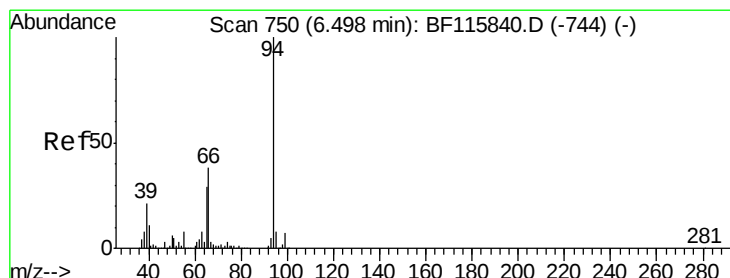
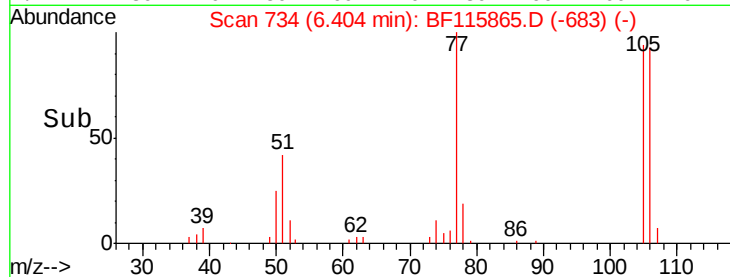
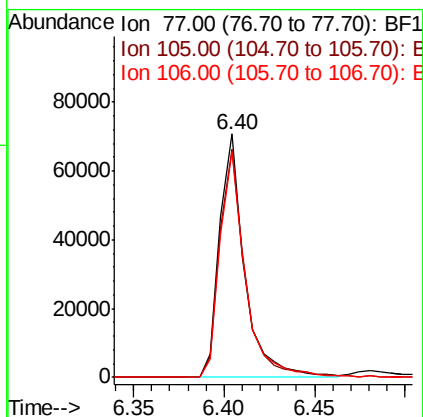
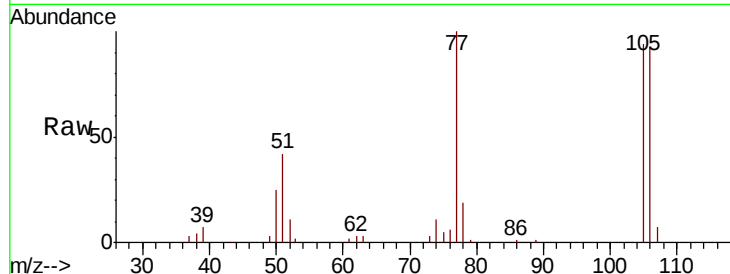




#9
Benzaldehyde
Concen: 9.289 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

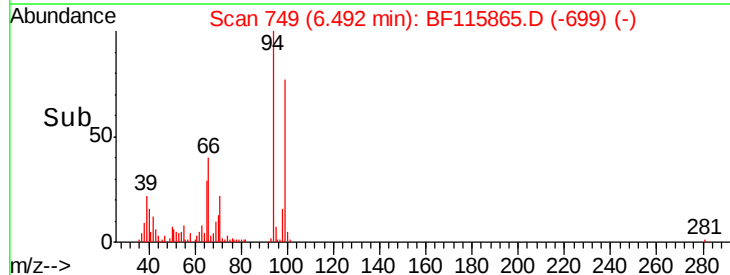
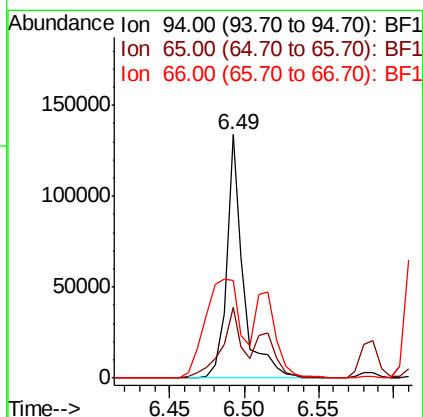
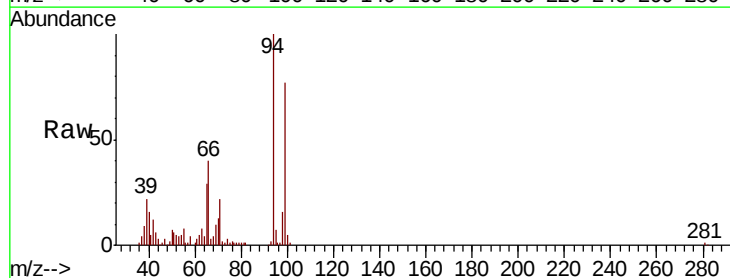
Instrument :
BNA_F
ClientSampleId :

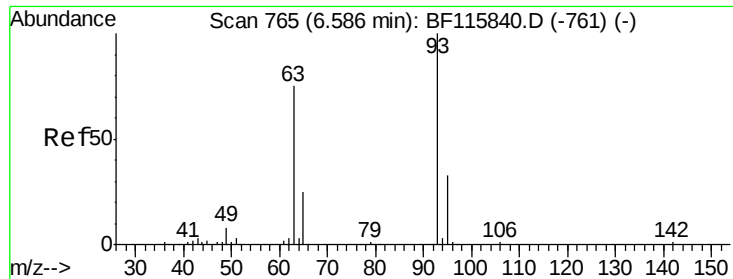
Tot Ion: 77 Resp: 68034
Ion Ratio Lower Upper
77 100
105 93.9 79.0 119.0
106 92.9 76.2 116.2



#10
Phenol
Concen: 8.415 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion: 94 Resp: 105180
Ion Ratio Lower Upper
94 100
65 28.9 8.9 48.9
66 40.1 18.0 58.0

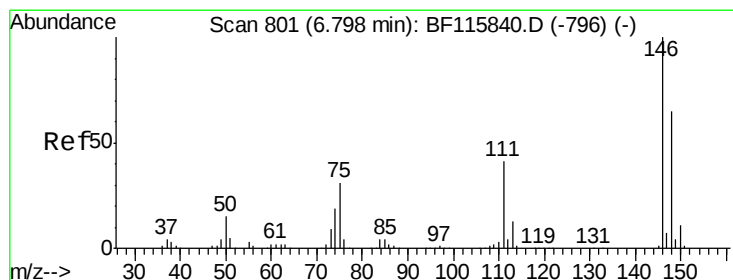
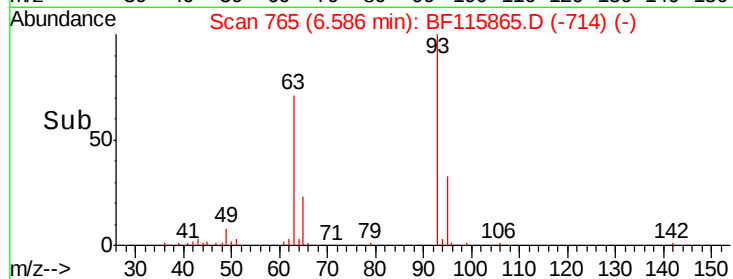
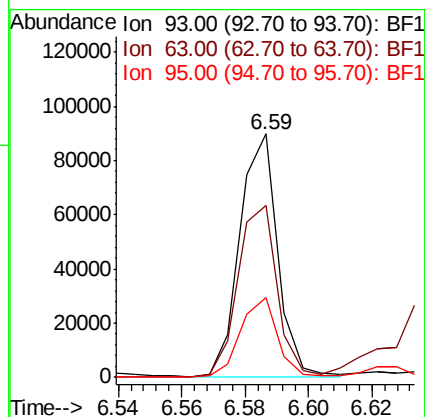
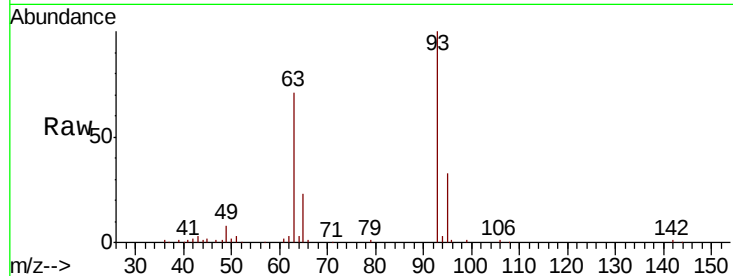




#11
 bis(2-Chloroethyl)ether
 Concen: 8.028 ng
 RT: 6.59 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

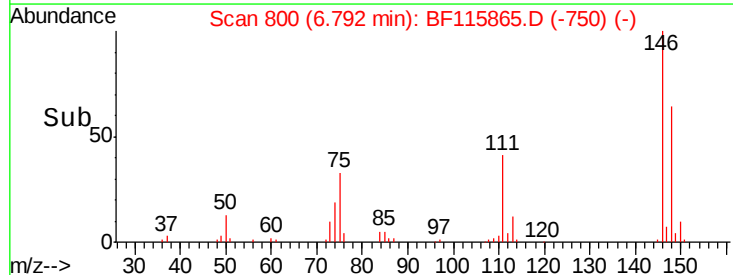
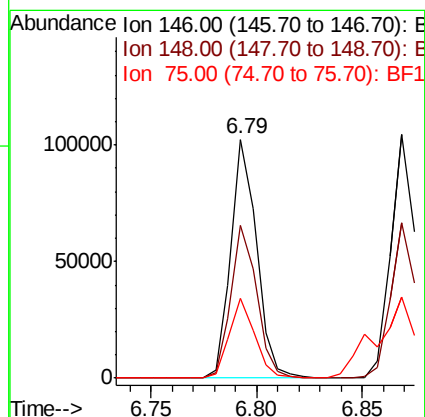
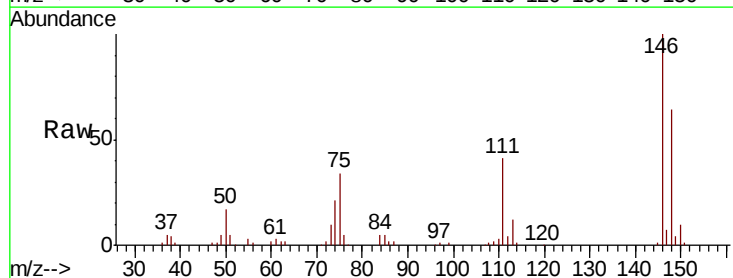
Instrument :
 BNA_F
 ClientSampleId :

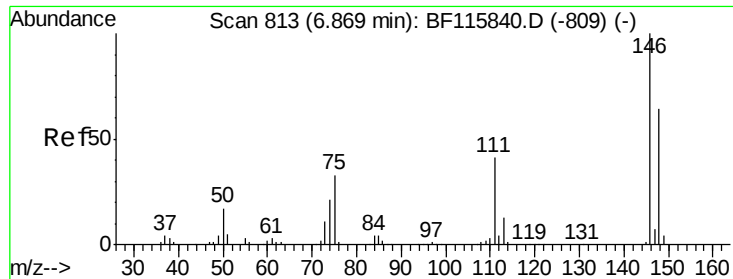
Tot Ion: 93 Resp: 73776
 Ion Ratio Lower Upper
 93 100
 63 70.8 54.9 94.9
 95 32.9 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 8.073 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion: 146 Resp: 86792
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.1 78.1
 75 33.5 25.0 37.6

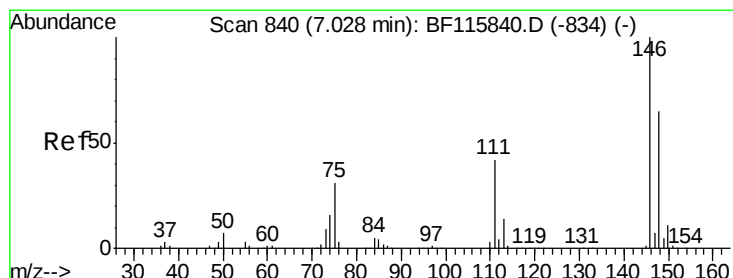
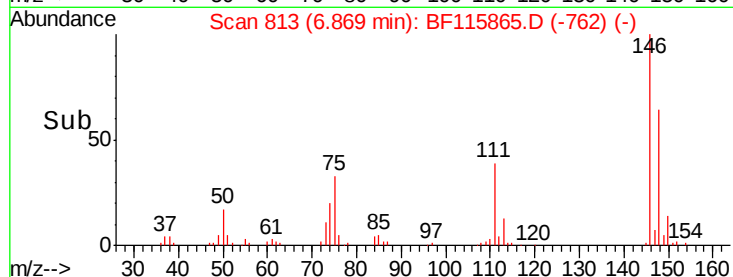
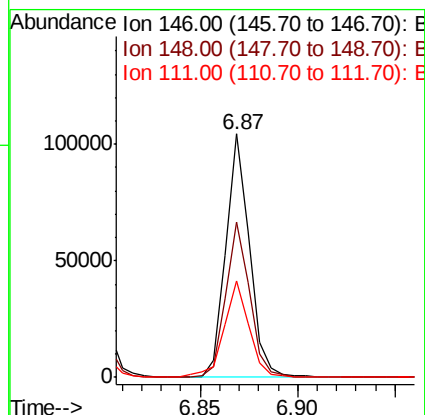
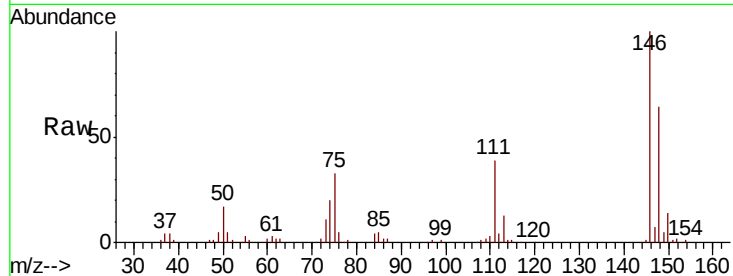




#13
 1,4-Dichlorobenzene
 Concen: 8.165 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

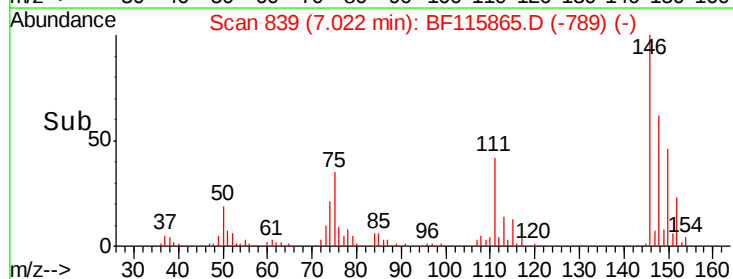
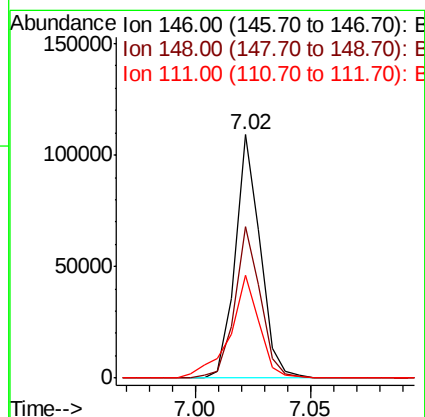
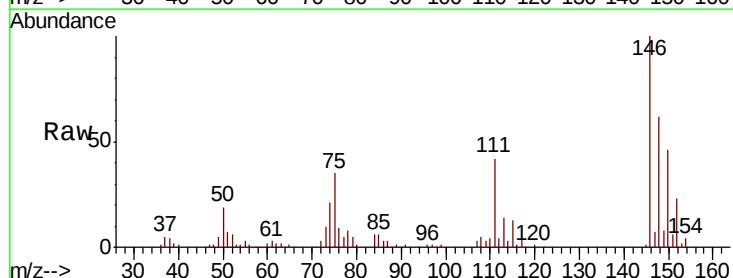
Instrument :
 BNA_F
 ClientSampled :

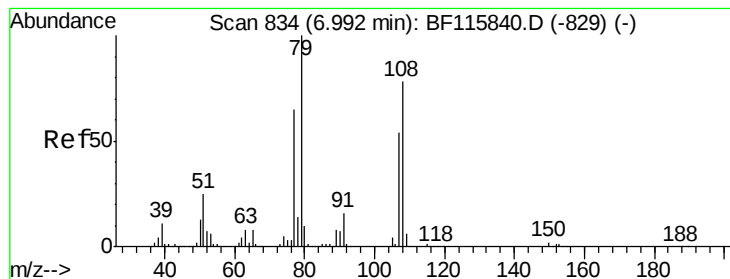
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	39.4	33.2	49.8



#14
 1,2-Dichlorobenzene
 Concen: 8.306 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.6	77.4
111	42.5	33.6	50.4





#15

Benzyl Alcohol

Concen: 8.773 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampled :

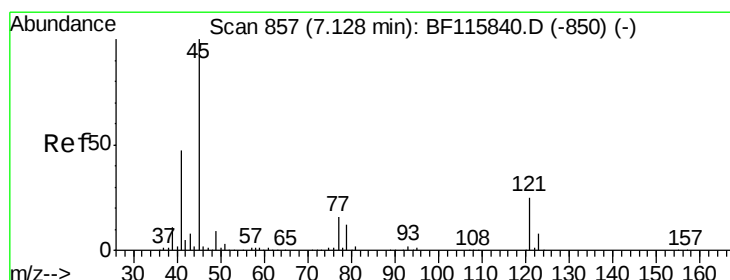
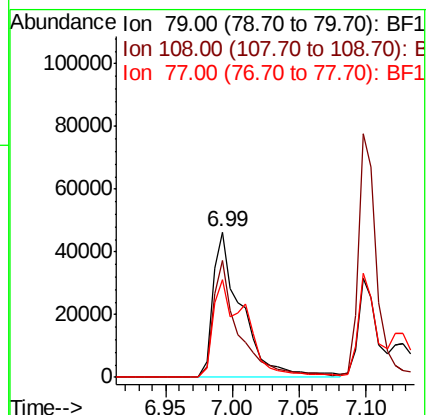
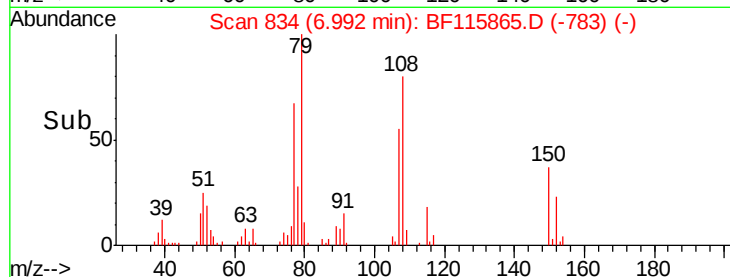
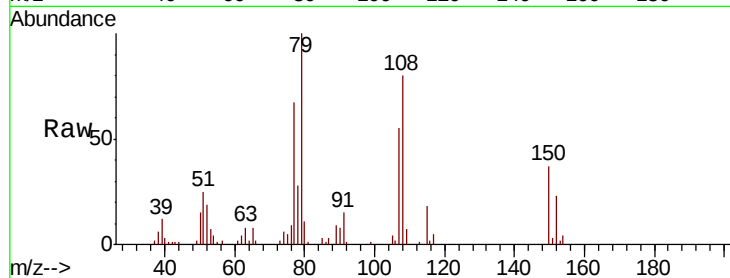
Tot Ion: 79 Resp: 70668

Ion Ratio Lower Upper

79 100

108 80.5 62.8 94.2

77 67.4 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.835 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

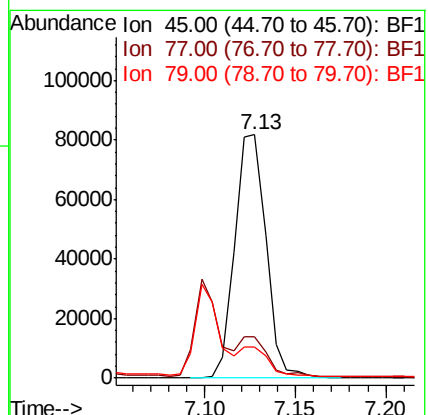
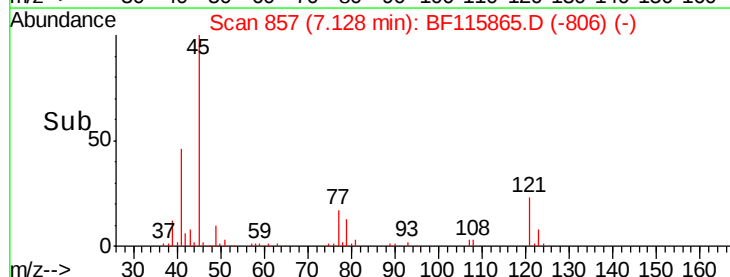
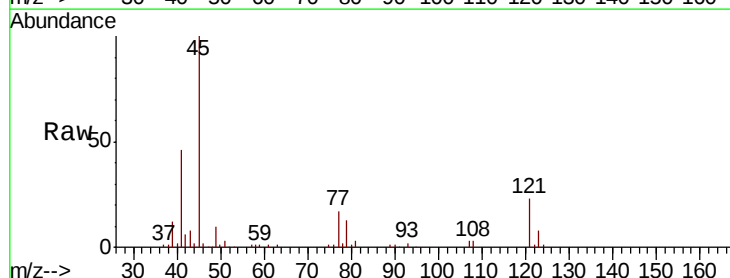
Tgt Ion: 45 Resp: 98212

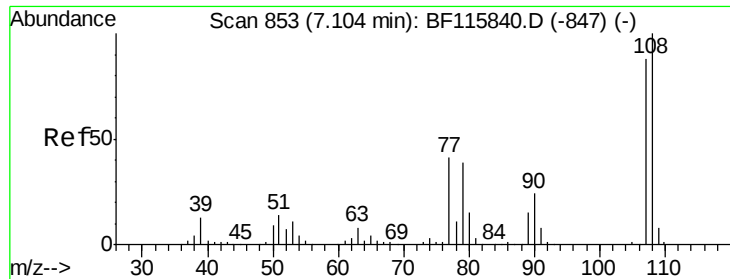
Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.3

79 13.0 0.0 32.5

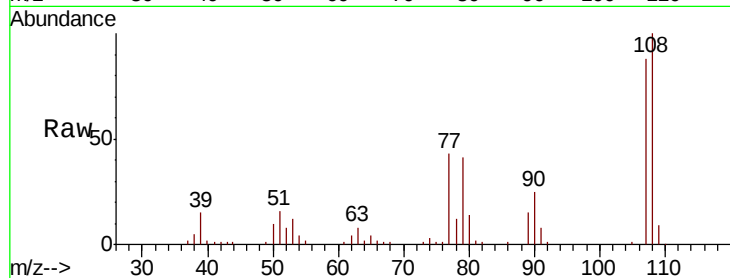




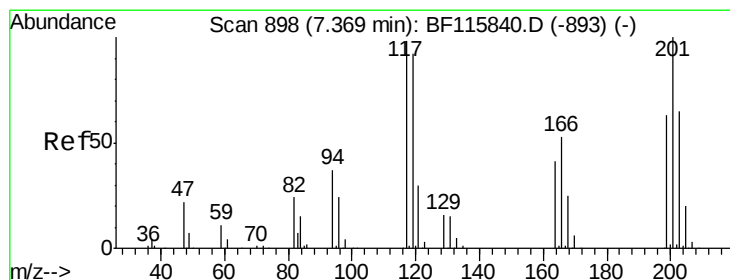
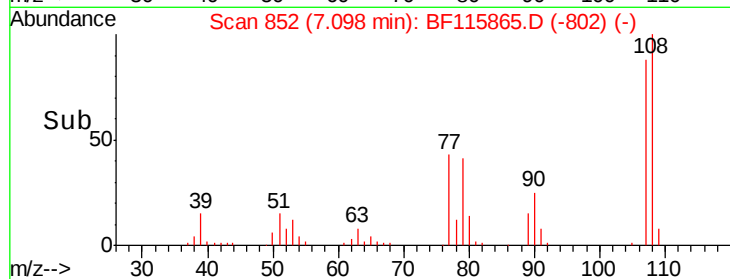
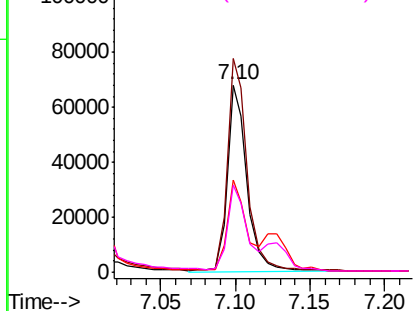
#17
2-Methylphenol
Concen: 8.068 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	63553
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.4	137.0
77	48.9	37.6	56.4
79	46.4	36.2	54.4

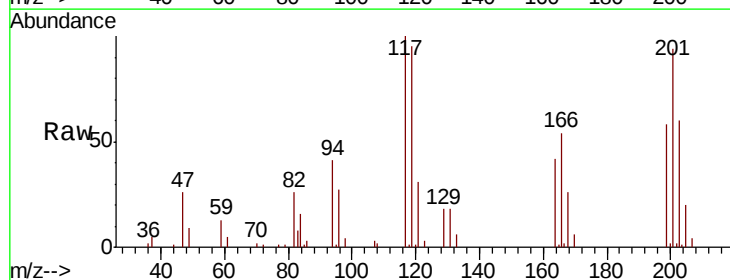


Abundance Ion 107.00 (106.70 to 107.70): E
120000 Ion 108.00 (107.70 to 108.70): E
100000 Ion 77.00 (76.70 to 77.70): BF1
80000 Ion 79.00 (78.70 to 79.70): BF1

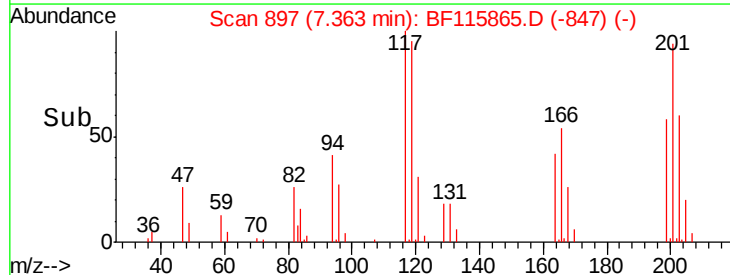
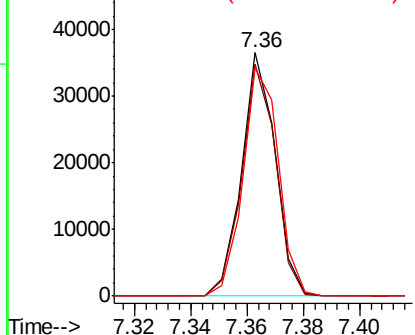


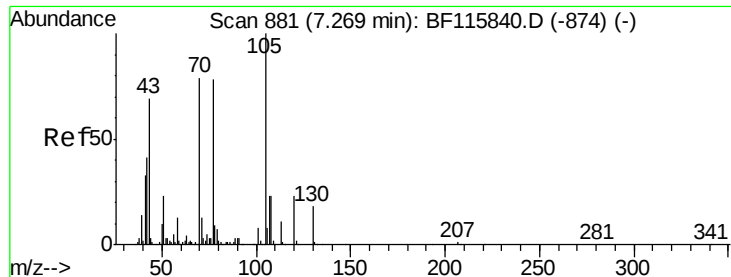
#18
Hexachloroethane
Concen: 7.611 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:	117	Resp:	30167
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.6
201	93.5	82.0	123.0



Abundance Ion 117.00 (116.70 to 117.70): E
50000 Ion 119.00 (118.70 to 119.70): E
40000 Ion 201.00 (200.70 to 201.70): E

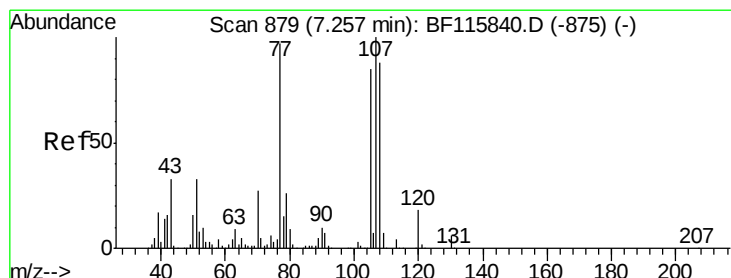
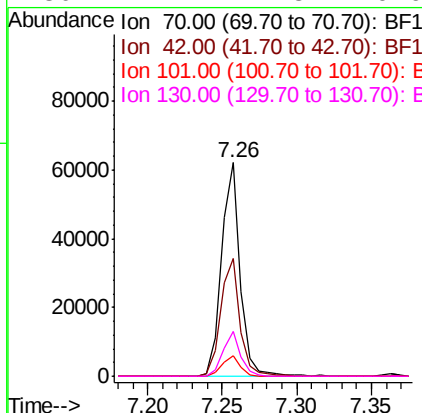
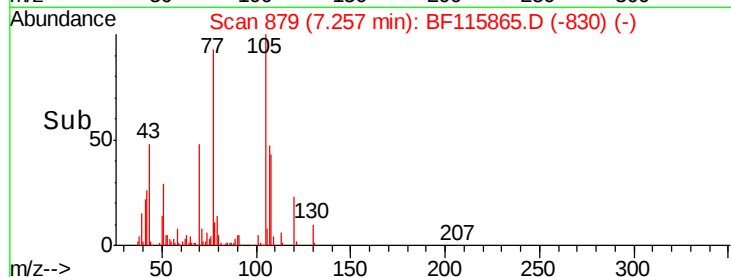
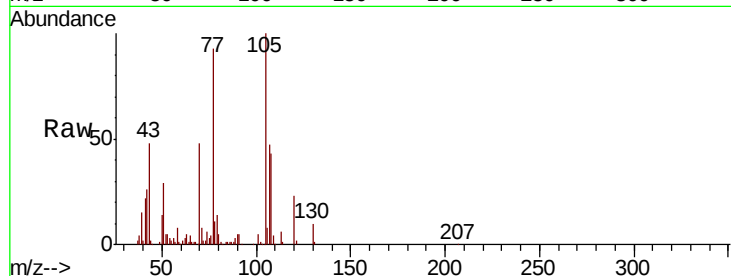




#19
n-Nitroso-di-n-propylamine
Concen: 8.329 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

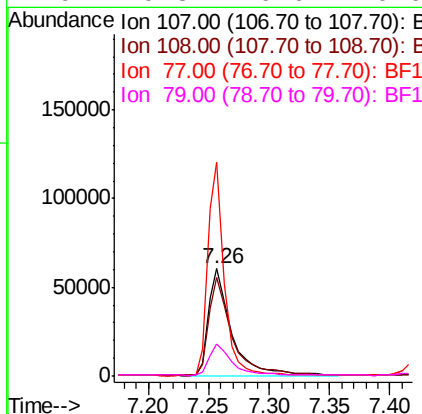
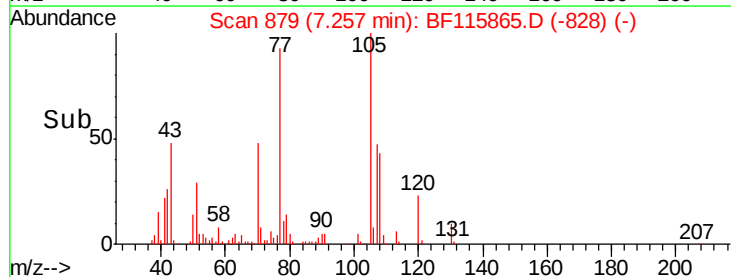
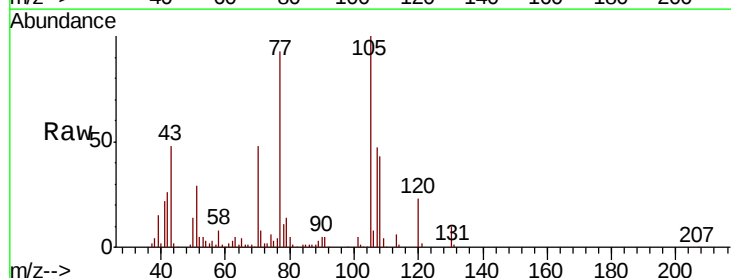
Instrument :
BNA_F
ClientSampleId :

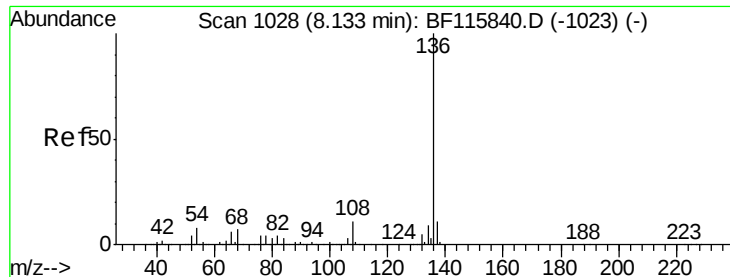
Tot Ion: 70 Resp: 54783
Ion Ratio Lower Upper
70 100
42 55.1 41.8 62.8
101 9.6 7.7 11.5
130 21.2 17.8 26.6



#20
3+4-Methylphenols
Concen: 8.773 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:107 Resp: 81782
Ion Ratio Lower Upper
107 100
108 92.1 67.9 107.9
77 198.8 77.3 117.3#
79 29.3 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 550377

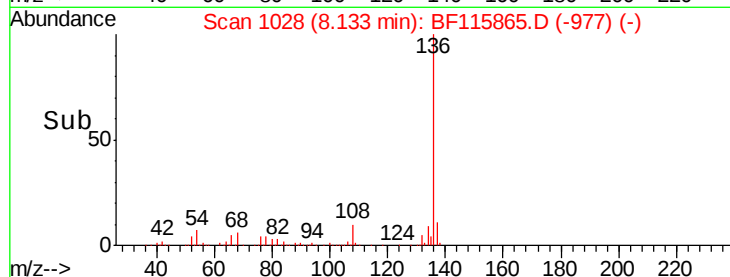
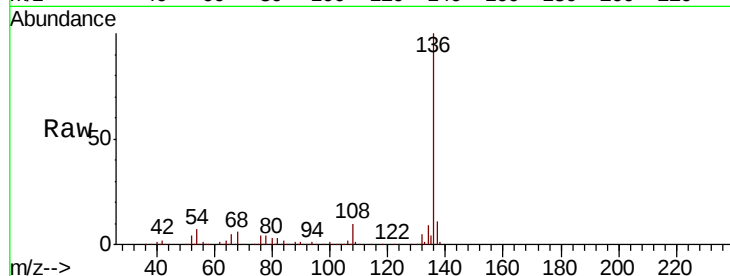
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.9 6.1 9.1

68 6.1 5.4 8.2

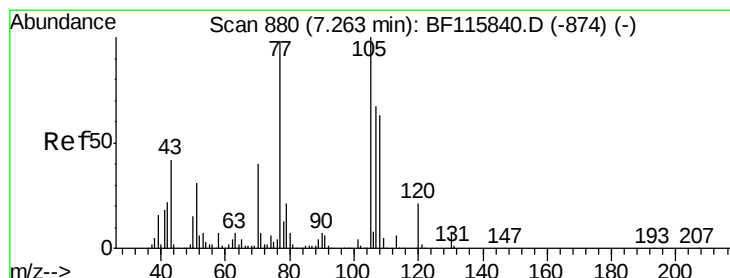
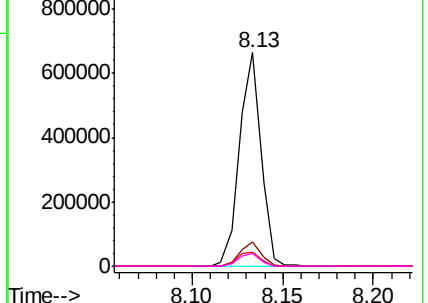


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.191 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Tgt Ion:105 Resp: 110938

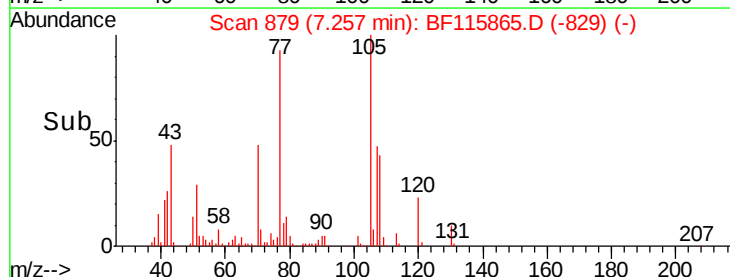
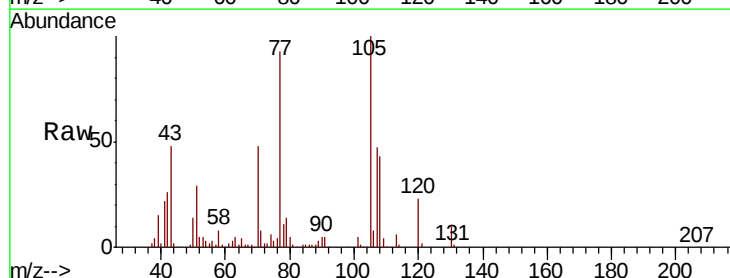
Ion Ratio Lower Upper

105 100

71 7.8 5.4 8.0

51 29.1 24.6 36.8

120 22.9 17.0 25.6

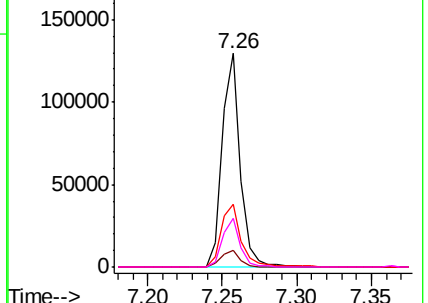


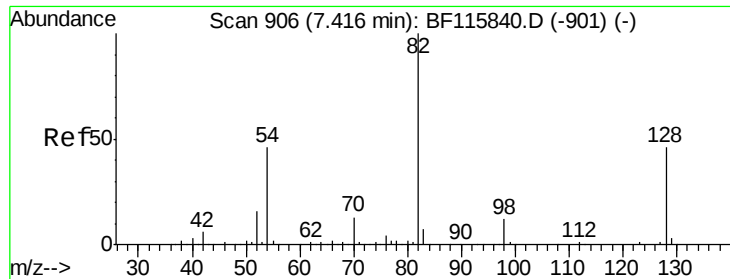
Abundance Ion 105.00 (104.70 to 105.70): E

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

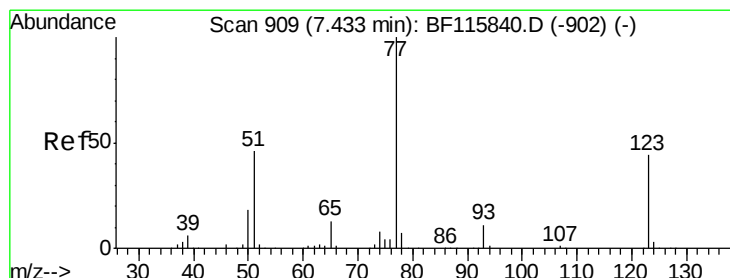
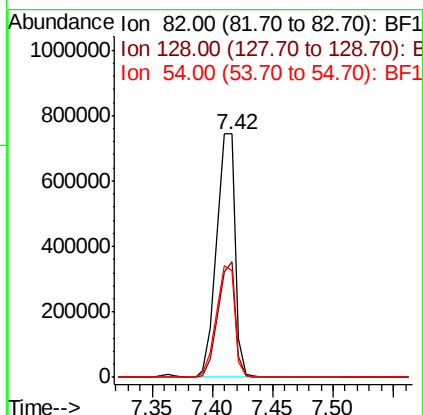
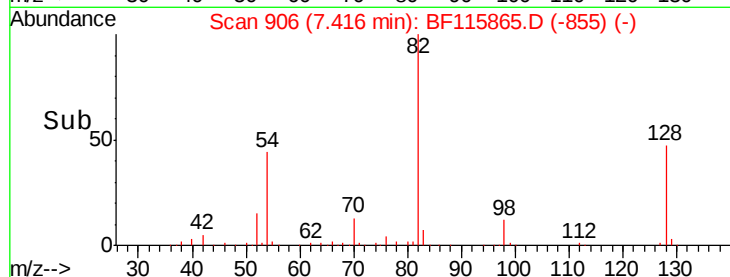
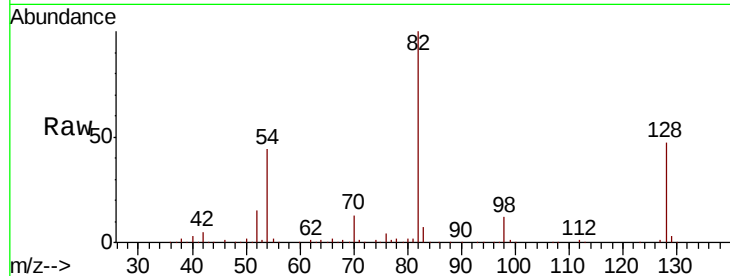




#23
Nitrobenzene-d5
Concen: 82.272 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

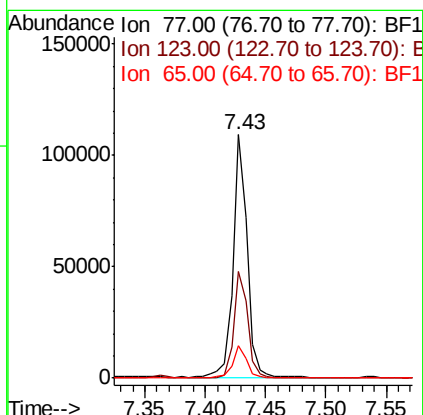
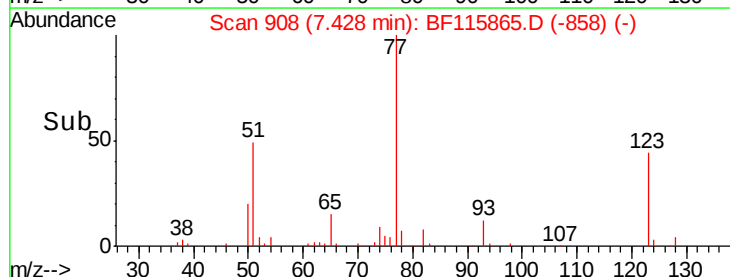
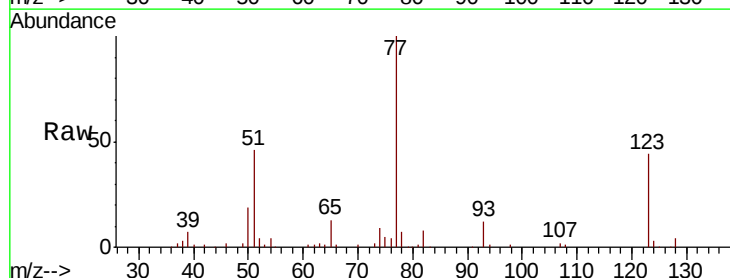
Instrument :
BNA_F
ClientSampled :

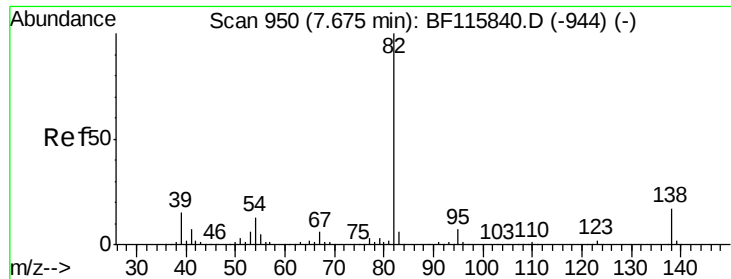
Tot Ion: 82 Resp: 784446
Ion Ratio Lower Upper
82 100
128 47.3 36.6 55.0
54 44.0 36.6 55.0



#24
Nitrobenzene
Concen: 8.777 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion: 77 Resp: 90366
Ion Ratio Lower Upper
77 100
123 44.0 35.5 53.3
65 13.4 10.6 15.8

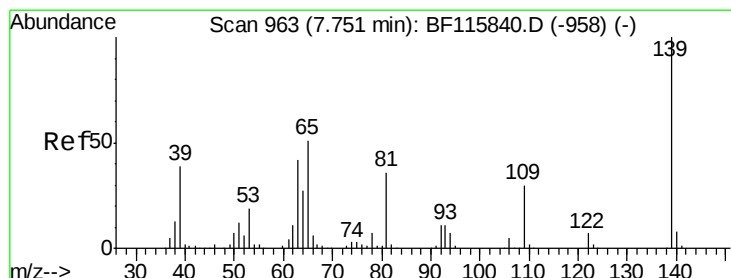
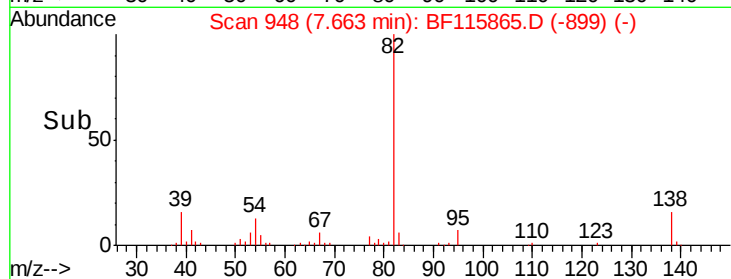
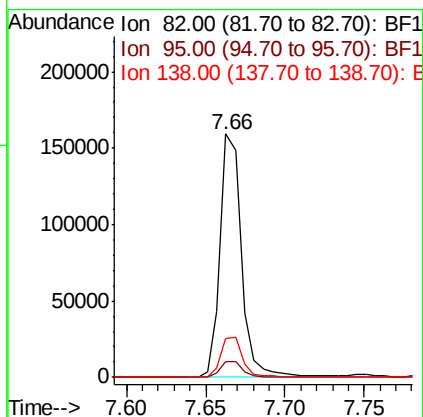
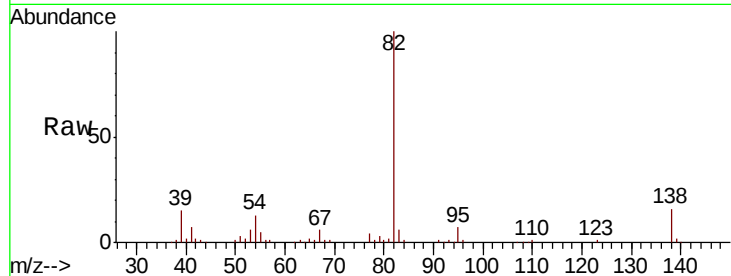




#25
Isophorone
Concen: 8.259 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

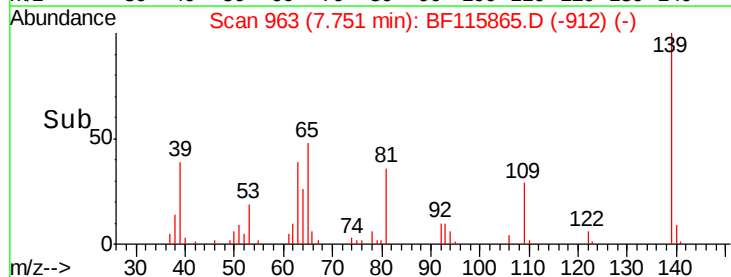
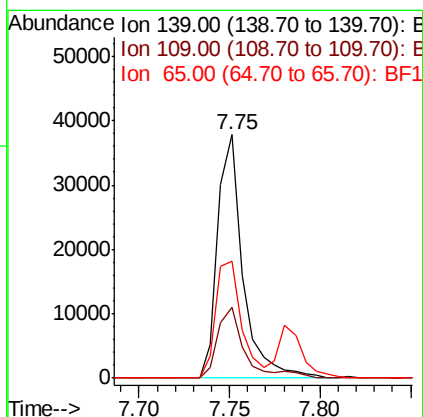
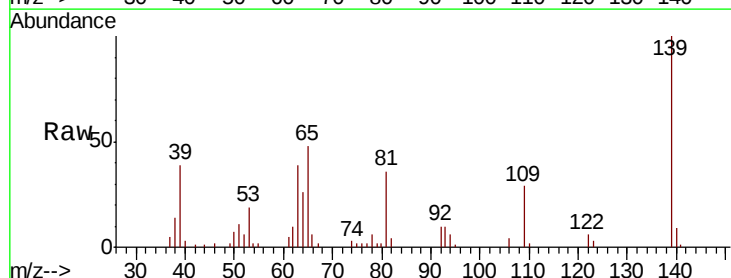
Instrument :
BNA_F
ClientSampleId :

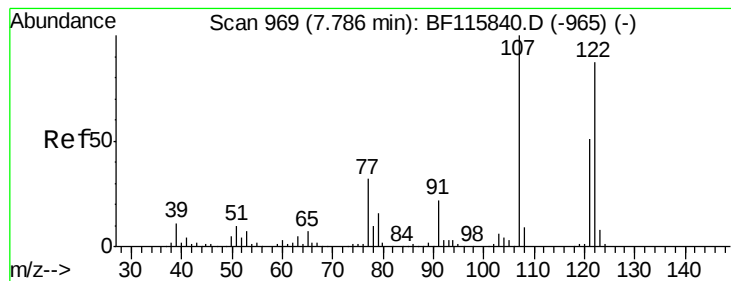
Tot Ion: 82 Resp: 150583
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 15.8 13.9 20.9



#26
2-Nitrophenol
Concen: 7.556 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion: 139 Resp: 36670
Ion Ratio Lower Upper
139 100
109 29.0 23.6 35.4
65 48.1 40.6 60.8





#27

2,4-Dimethylphenol

Concen: 8.853 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Instrument :

BNA_F

ClientSampled :

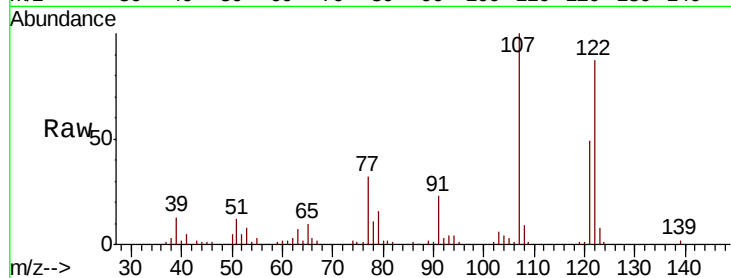
Tot Ion:122 Resp: 64638

Ion Ratio Lower Upper

122 100

107 114.6 91.7 137.5

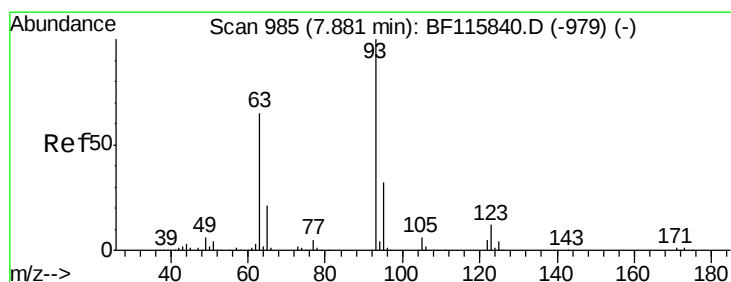
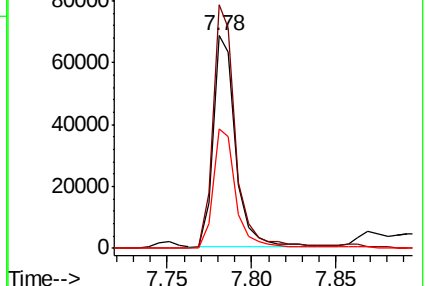
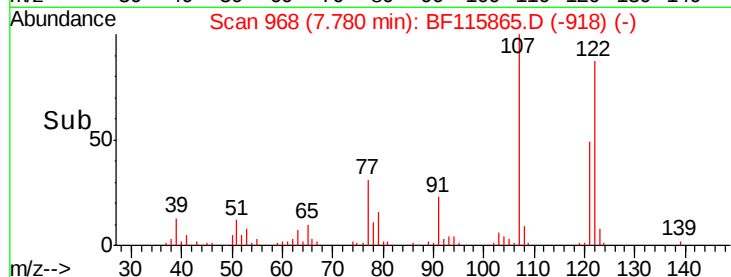
121 56.2 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 7.956 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

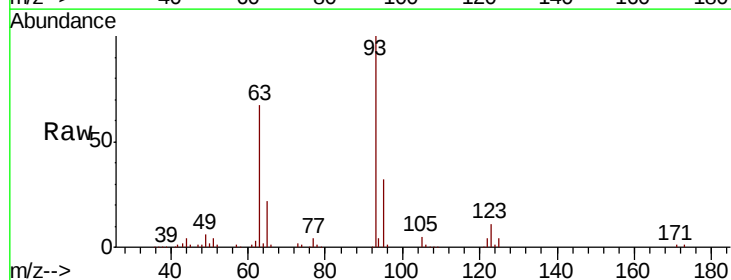
Tgt Ion: 93 Resp: 89908

Ion Ratio Lower Upper

93 100

95 31.9 26.0 39.0

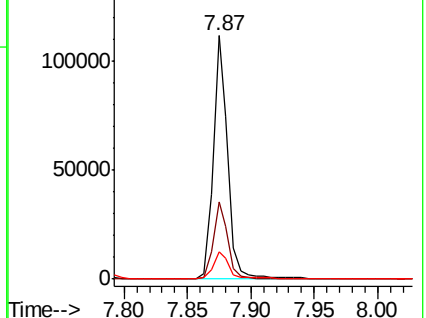
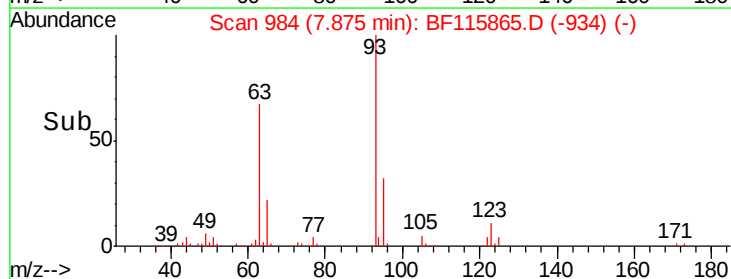
123 11.4 9.5 14.3

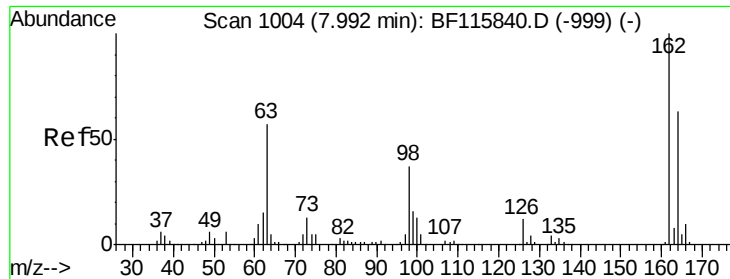


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

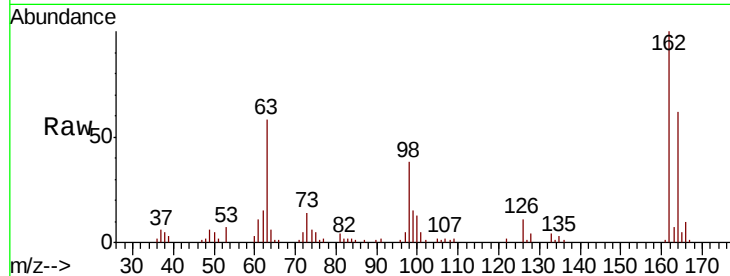




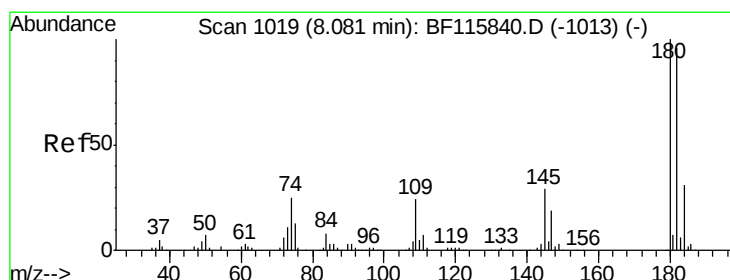
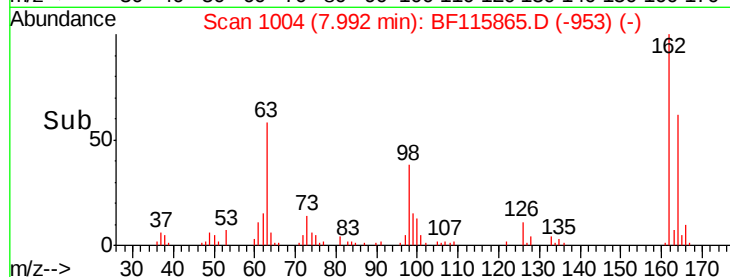
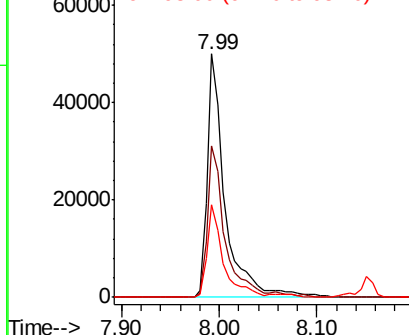
#29
 2,4-Dichlorophenol
 Concen: 8.214 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 63322
 Ion Ratio Lower Upper
 162 100
 164 62.1 43.2 83.2
 98 38.1 17.3 57.3

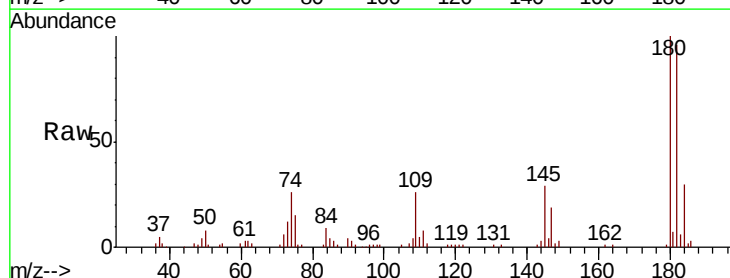


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

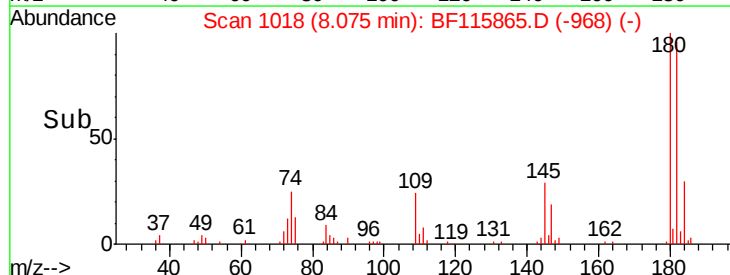
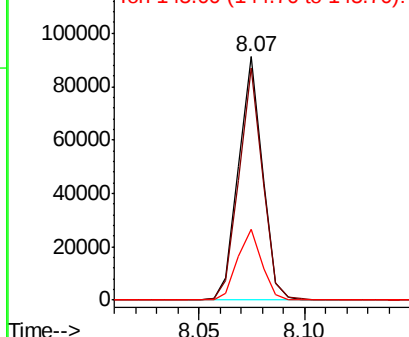


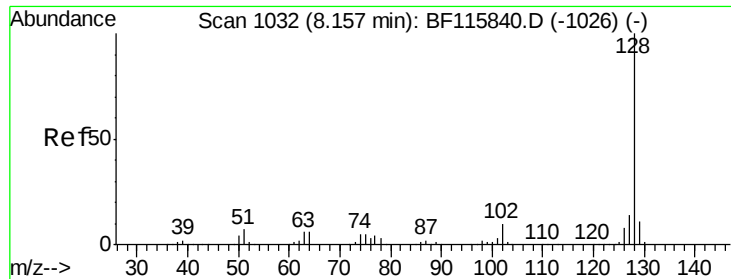
#30
 1,2,4-Trichlorobenzene
 Concen: 8.104 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion:180 Resp: 71213
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.6 114.8
 145 29.1 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

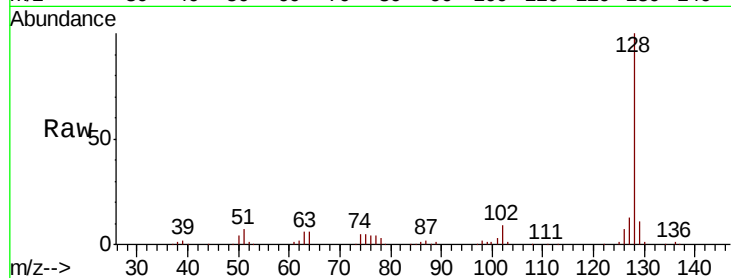




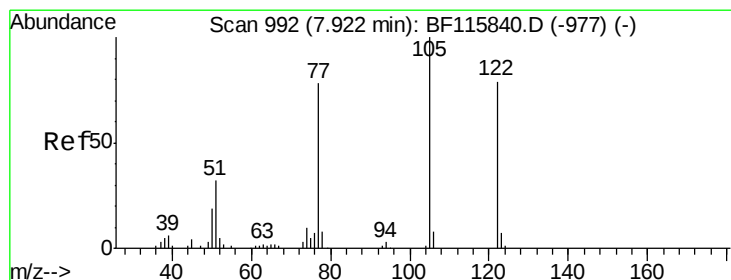
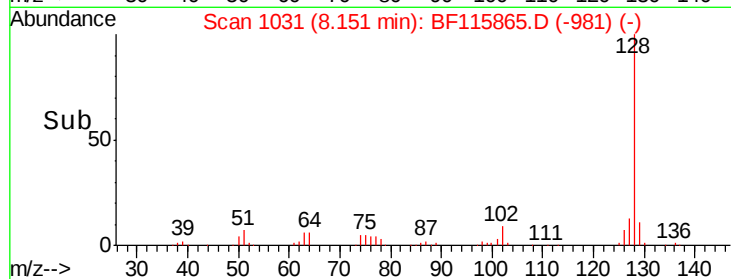
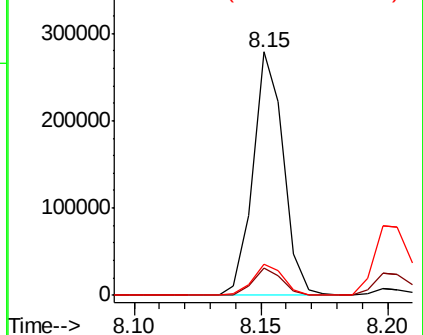
#31
Naphthalene
Concen: 9.007 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 233285
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 12.8 11.0 16.4

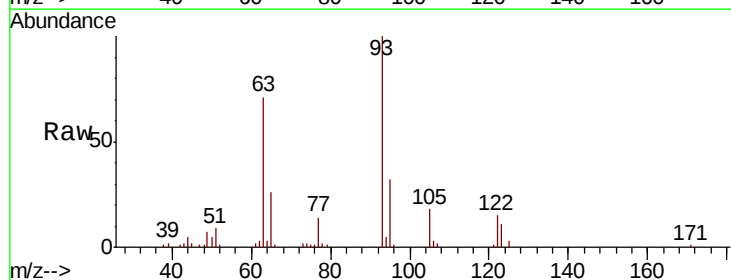


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

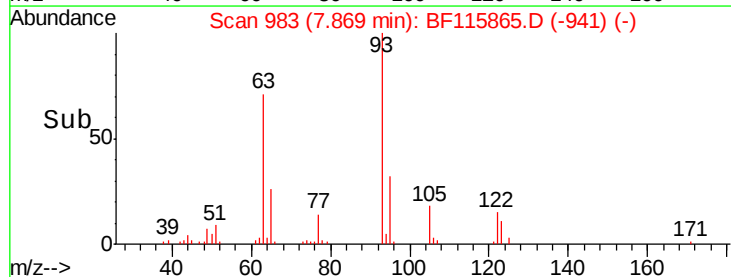
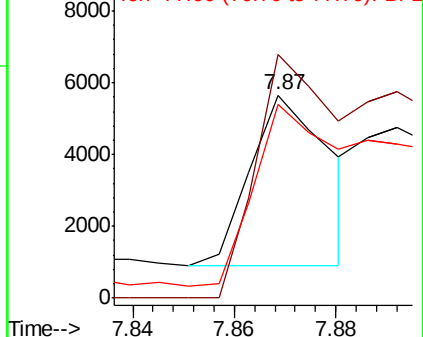


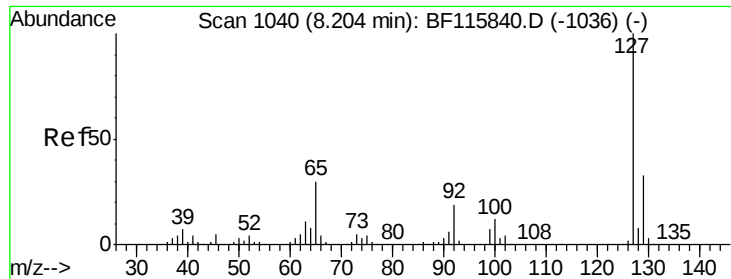
#32
Benzoic acid
Concen: 0.991 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.05 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:122 Resp: 5103
Ion Ratio Lower Upper
122 100
105 119.8 103.1 143.1
77 95.2 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

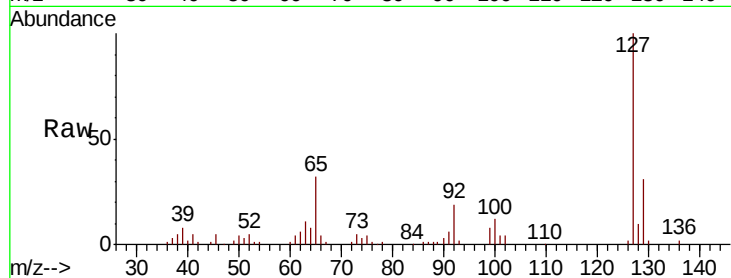




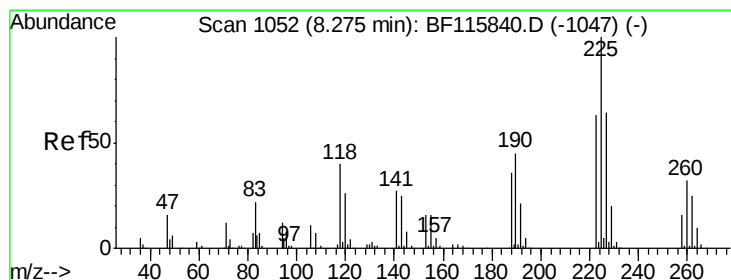
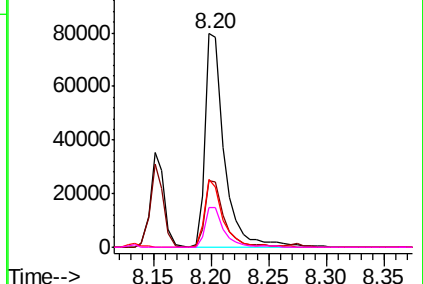
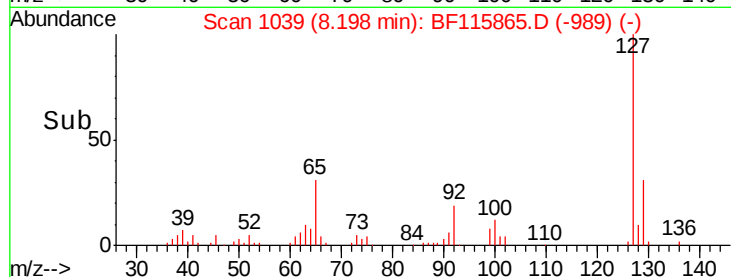
#33
4-Chloroaniline
Concen: 8.141 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	94207
Ion Ratio	Lower	Upper
127	100	
129	31.4	26.0 39.0
65	31.6	23.9 35.9
92	18.7	14.9 22.3

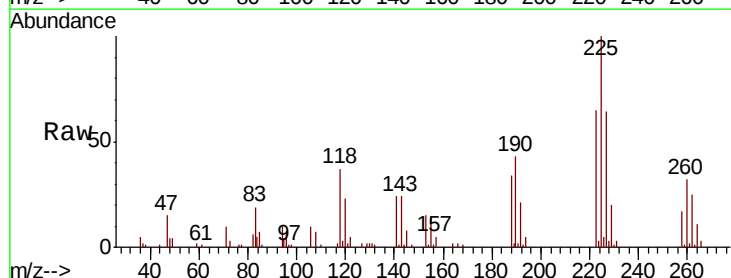


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

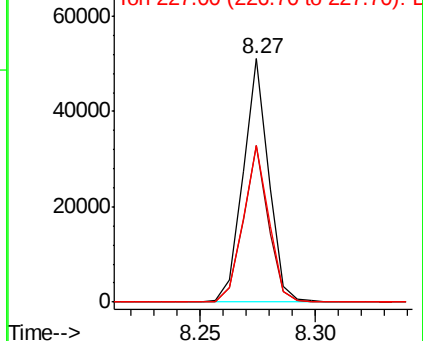
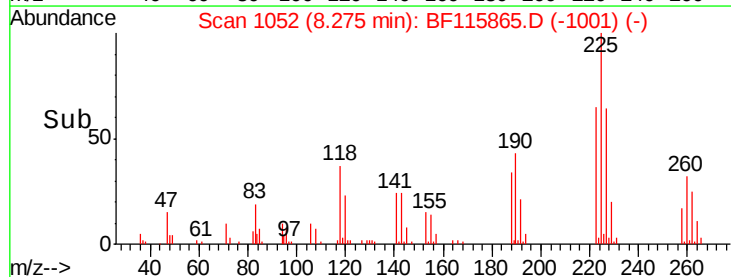


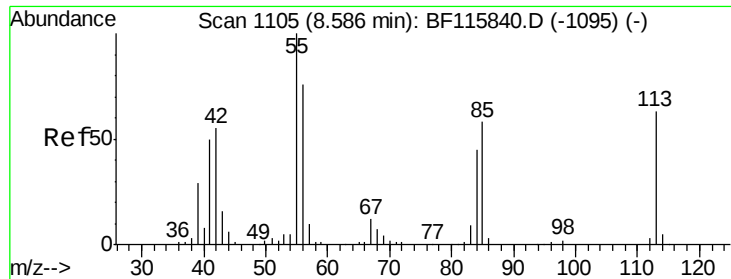
#34
Hexachlorobutadiene
Concen: 7.806 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:225	Resp:	39514
Ion Ratio	Lower	Upper
225	100	
223	64.5	50.4 75.6
227	64.2	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

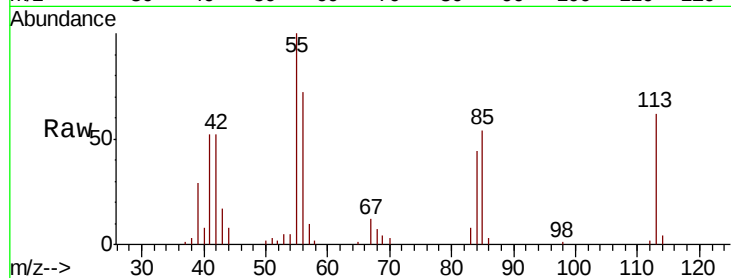




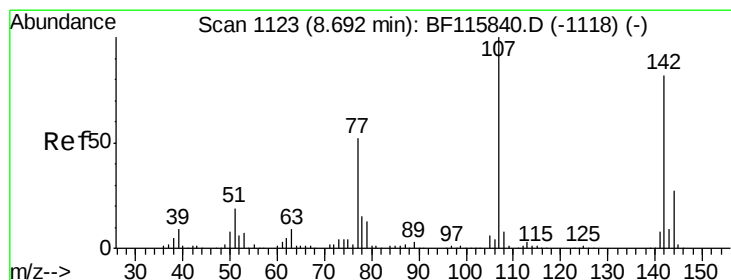
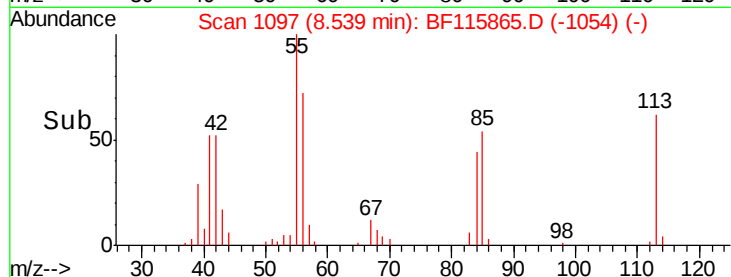
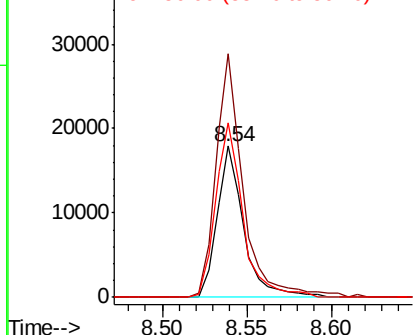
#35
Caprolactam
Concen: 7.862 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.05 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 19603
Ion Ratio Lower Upper
113 100
55 160.9 138.1 178.1
56 115.2 100.6 140.6

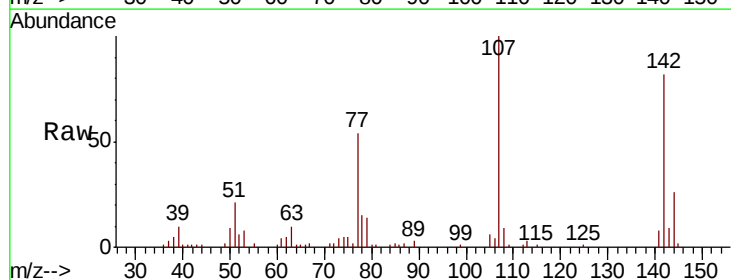


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

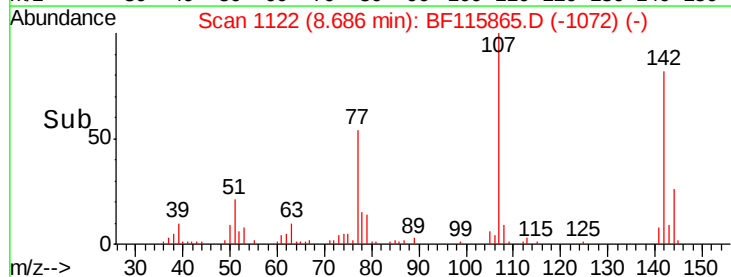
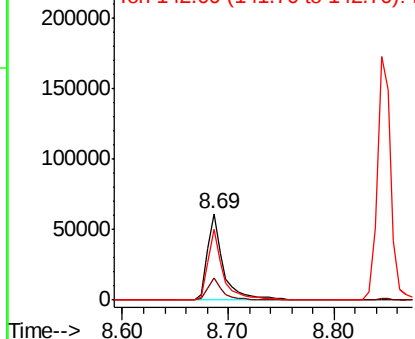


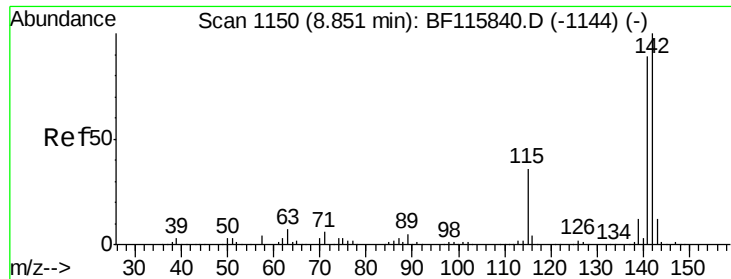
#36
4-Chloro-3-methylphenol
Concen: 8.063 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:107 Resp: 64665
Ion Ratio Lower Upper
107 100
144 26.2 21.4 32.0
142 82.5 65.5 98.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

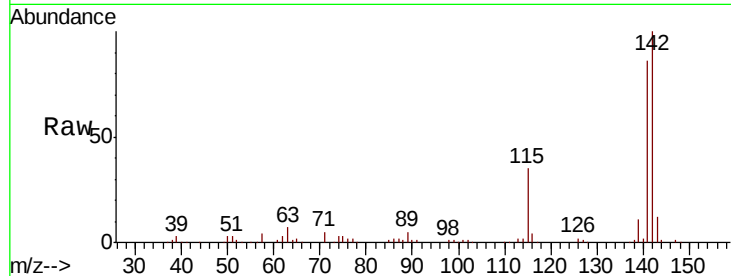




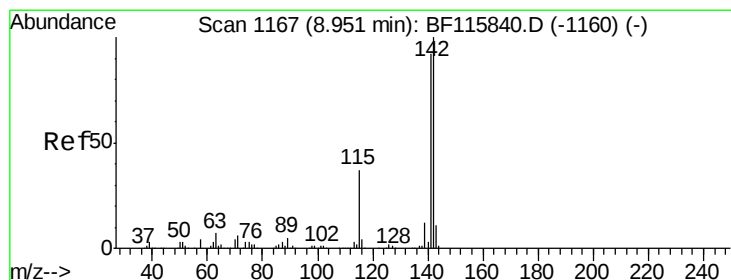
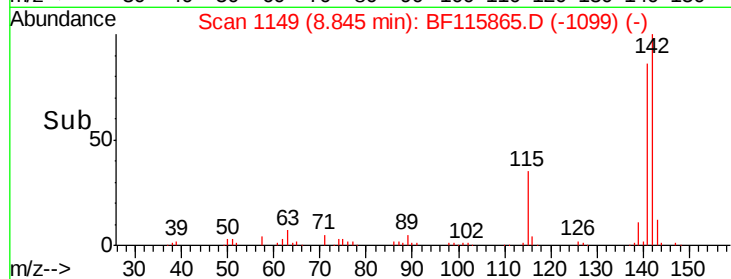
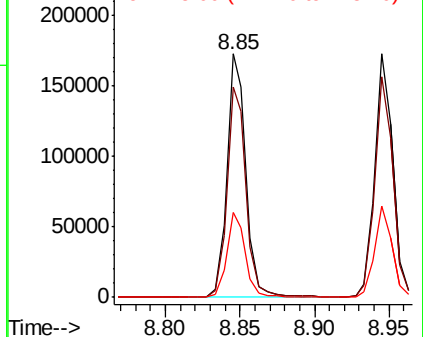
#37
2-Methylnaphthalene
Concen: 9.101 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.4	107.2
115	34.8	28.9	43.3

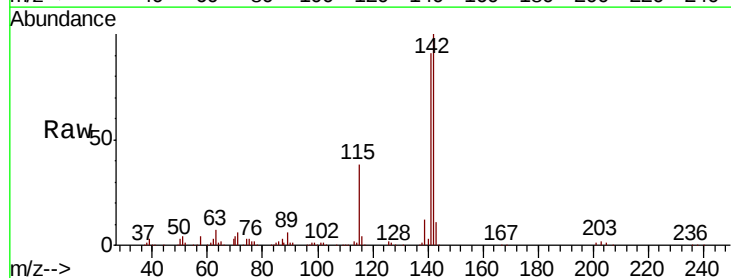


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

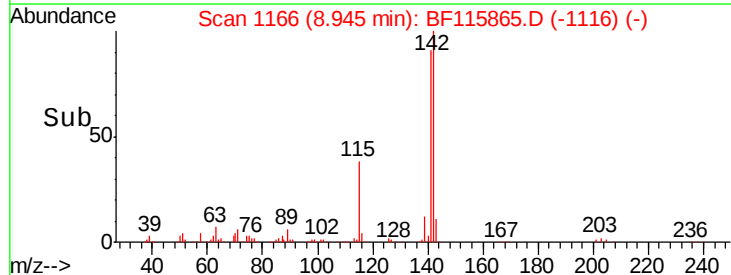
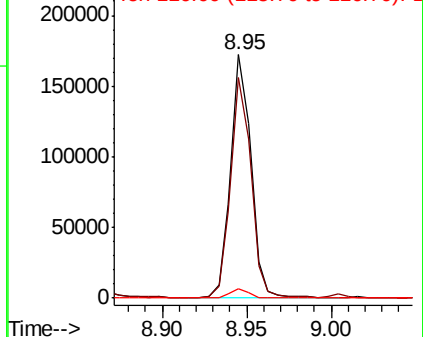


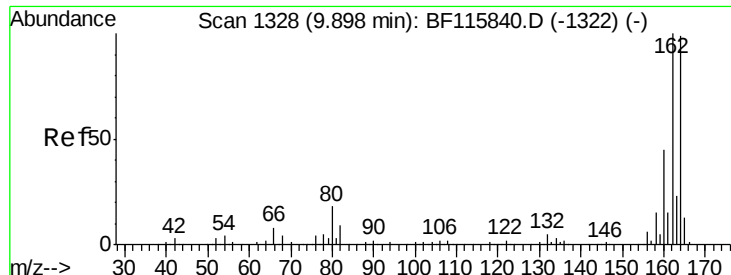
#38
1-Methylnaphthalene
Concen: 8.878 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.8	110.6
116	3.8	3.1	4.7



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

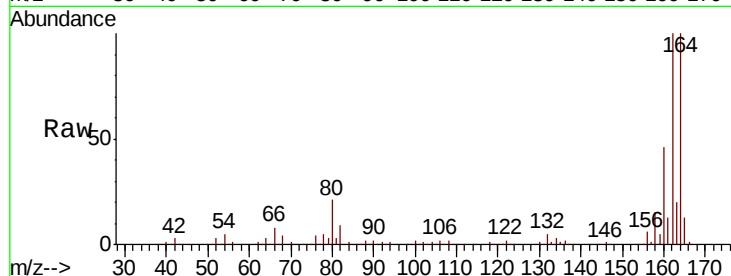




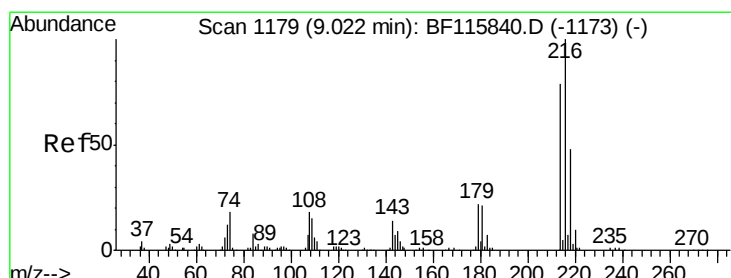
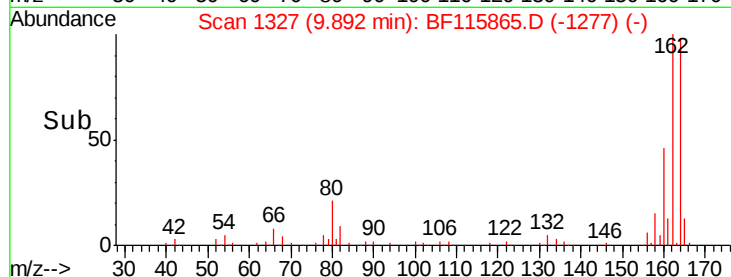
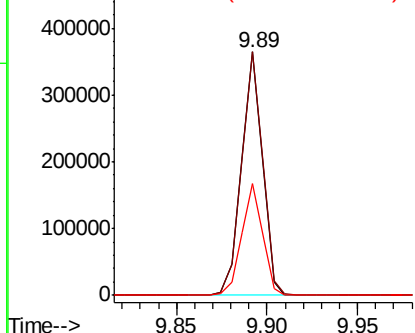
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 292726
Ion Ratio Lower Upper
164 100
162 100.1 80.8 121.2
160 46.2 36.2 54.4

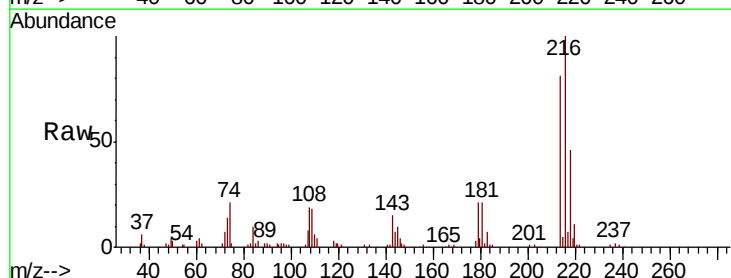


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

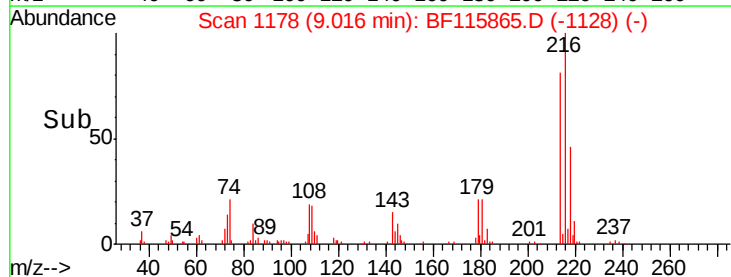
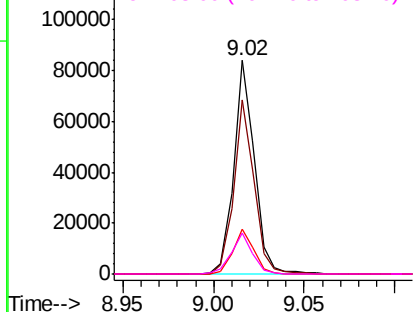


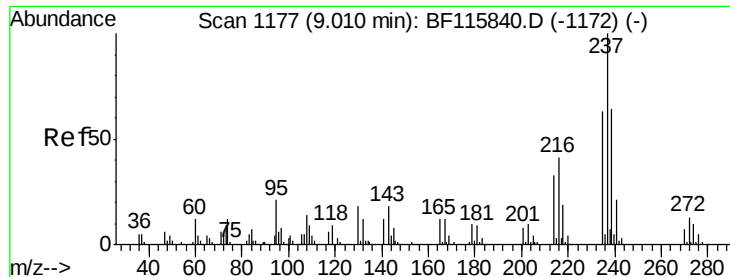
#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.496 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:216 Resp: 66489
Ion Ratio Lower Upper
216 100
214 80.1 62.8 94.2
179 21.3 17.6 26.4
108 19.8 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: 3.903 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Instrument :

BNA_F

ClientSampleId :

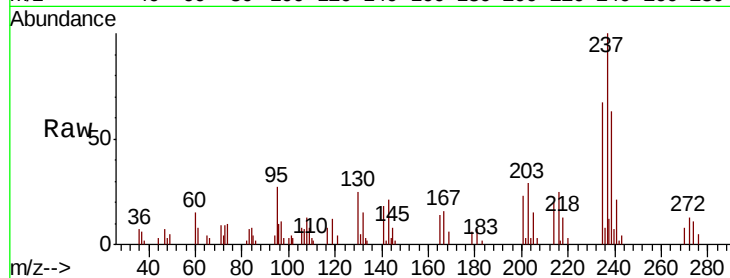
Tot Ion:237 Resp: 11939

Ion Ratio Lower Upper

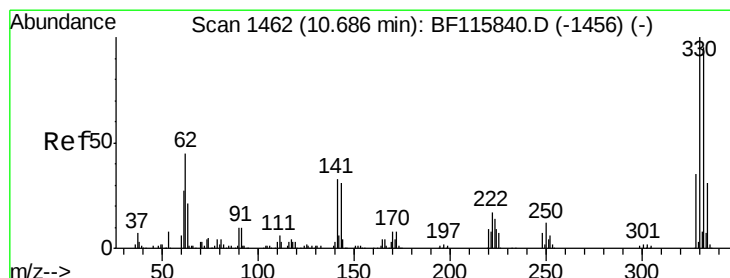
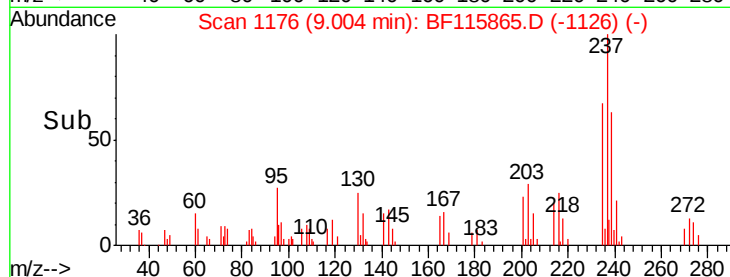
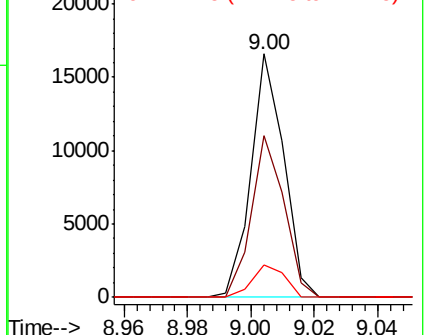
237 100

235 66.6 42.5 82.5

272 13.4 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: 98.645 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

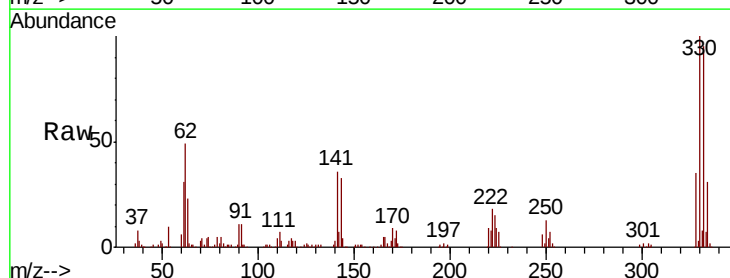
Tgt Ion:330 Resp: 279961

Ion Ratio Lower Upper

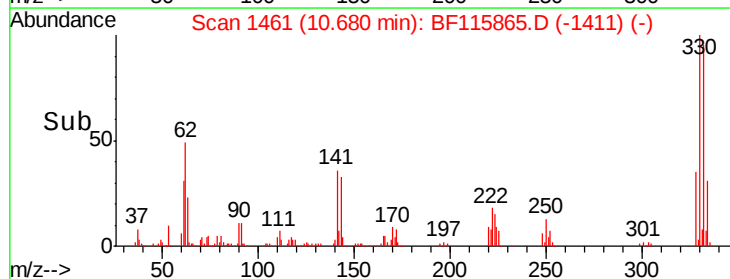
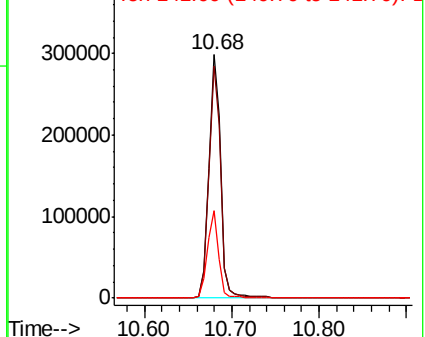
330 100

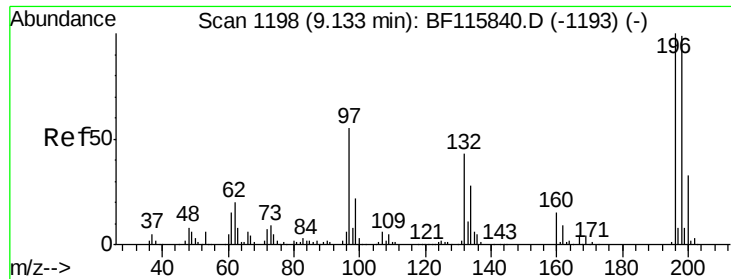
332 96.3 77.7 116.5

141 34.4 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

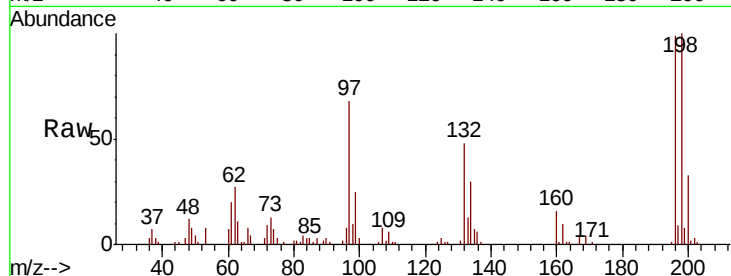




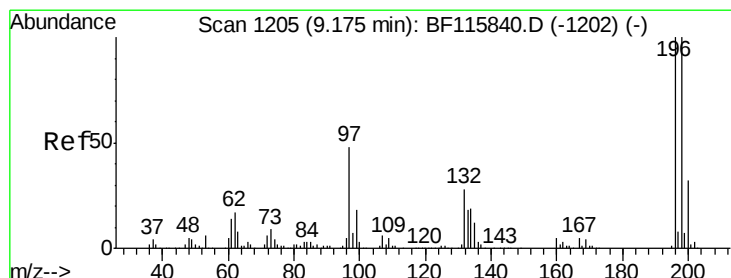
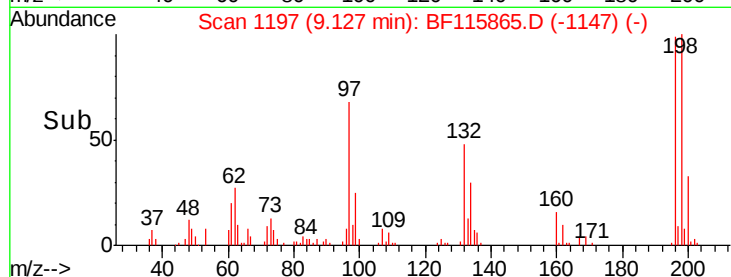
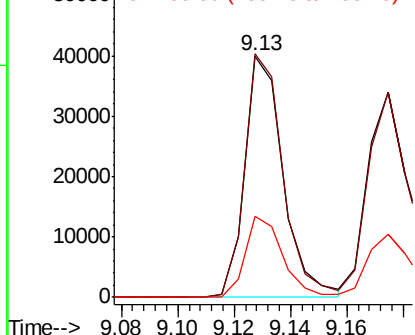
#43
 2,4,6-Trichlorophenol
 Concen: 6.989 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 37648
 Ion Ratio Lower Upper
 196 100
 198 100.8 79.1 118.7
 200 33.6 26.0 39.0

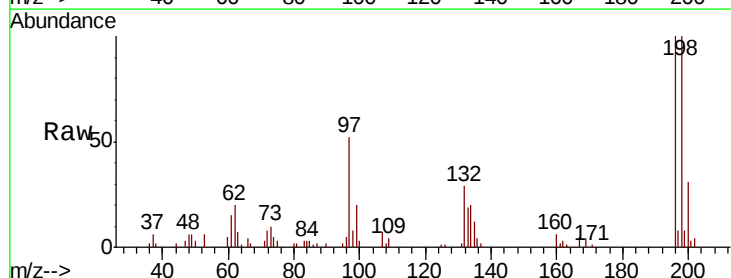


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

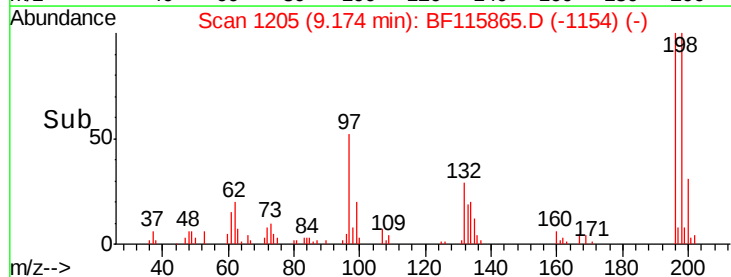
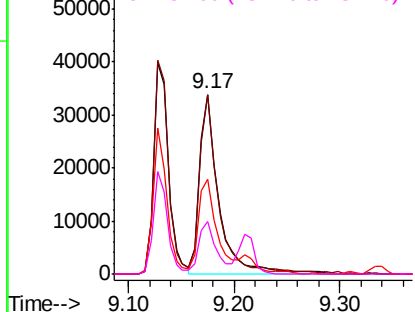


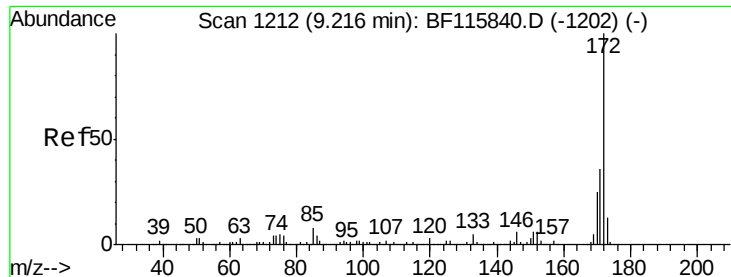
#44
 2,4,5-Trichlorophenol
 Concen: 7.690 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion:196 Resp: 42816
 Ion Ratio Lower Upper
 196 100
 198 99.9 80.1 120.1
 97 52.4 38.9 58.3
 132 29.4 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: 82.853 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

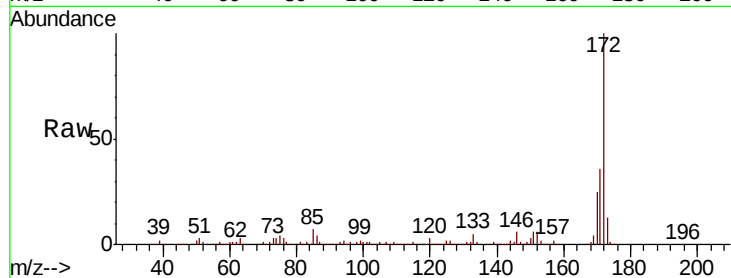
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1294837

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	24.8	20.1	30.1

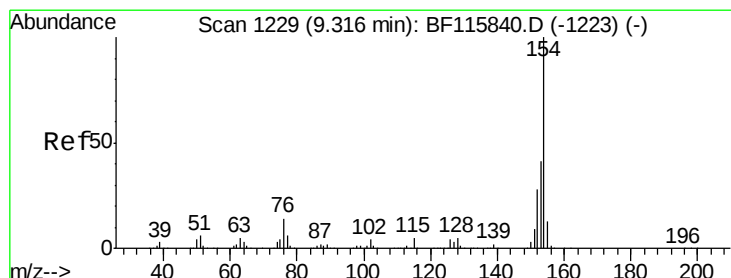
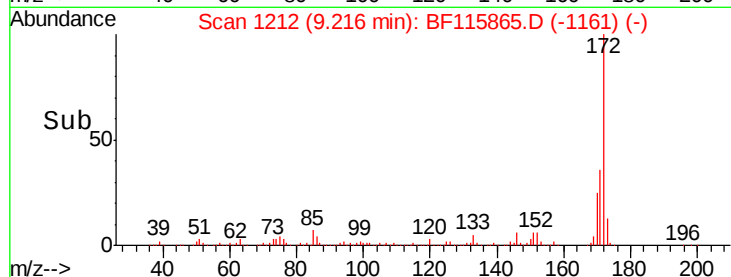
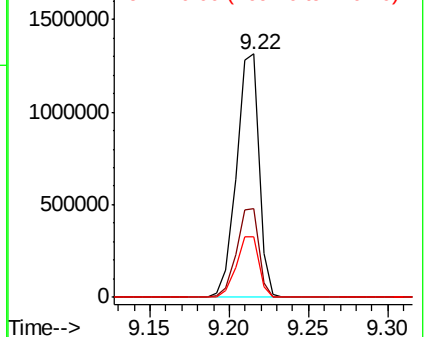


Abundance

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: 9.071 ng

RT: 9.31 min Scan# 1228

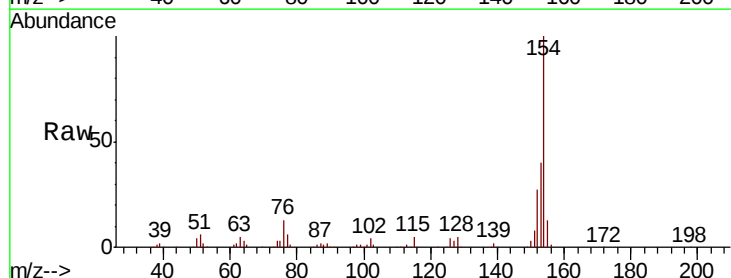
Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Tgt Ion:154 Resp: 187473

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.9	60.9
76	13.4	0.0	34.3

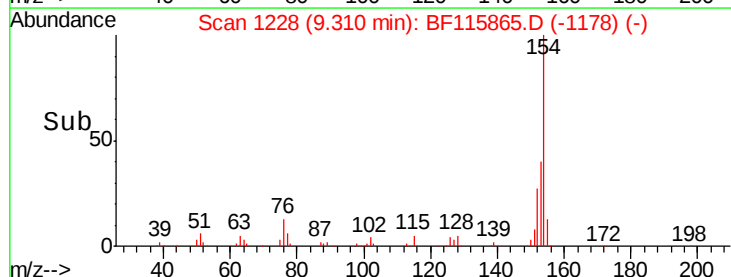
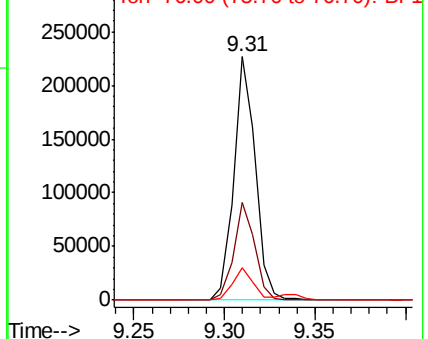


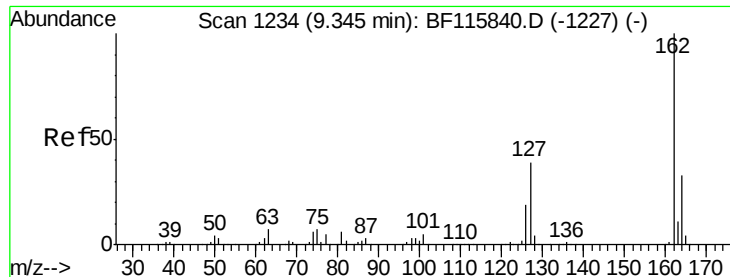
Abundance

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

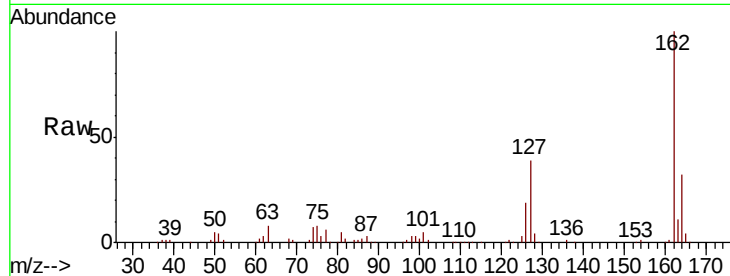




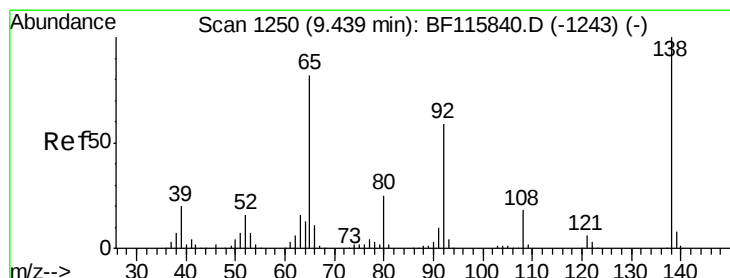
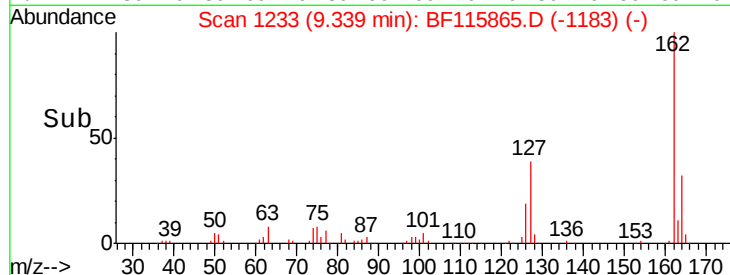
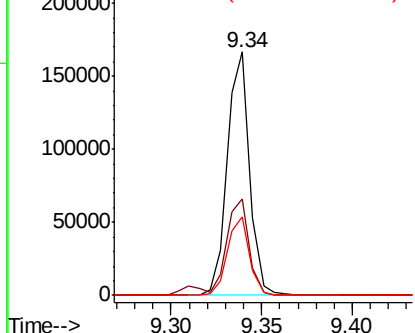
#47
 2-Chloronaphthalene
 Concen: 8.291 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 142618
 Ion Ratio Lower Upper
 162 100
 127 39.4 31.3 46.9
 164 32.0 26.6 40.0

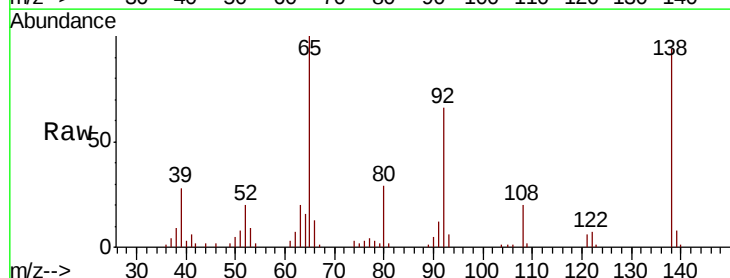


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

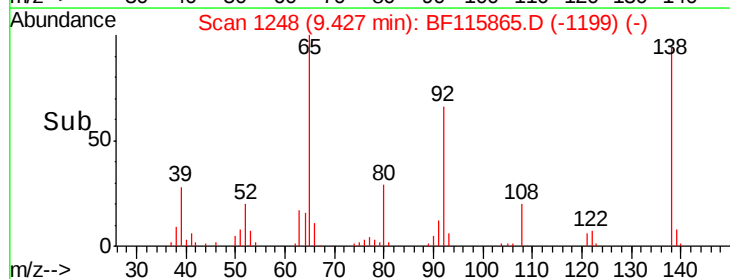
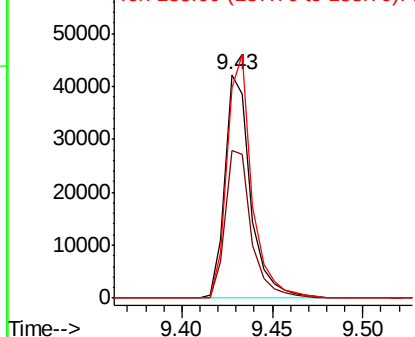


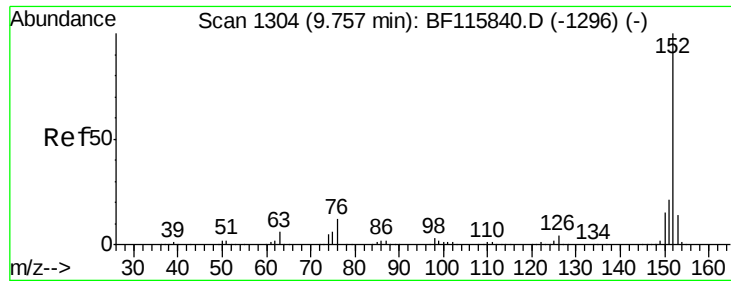
#48
 2-Nitroaniline
 Concen: 7.354 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion: 65 Resp: 41813
 Ion Ratio Lower Upper
 65 100
 92 65.8 57.1 85.7
 138 94.3 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: 8.883 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Instrument :

BNA_F

ClientSampleId :

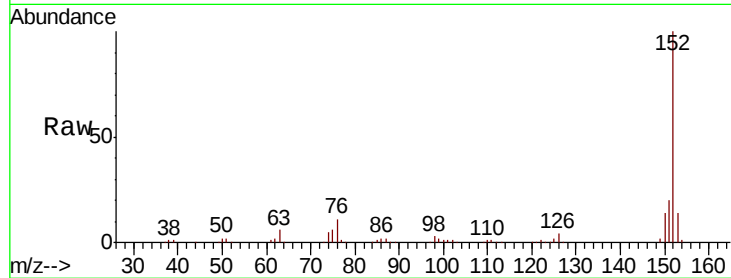
Tot Ion:152 Resp: 222918

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

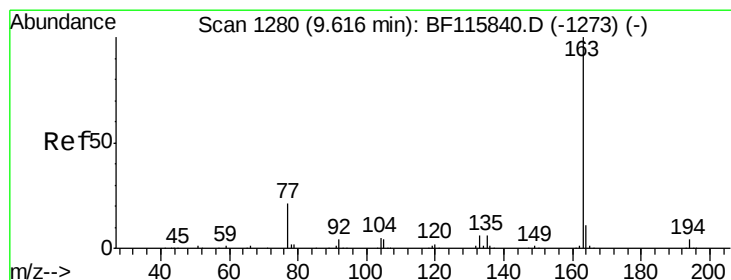
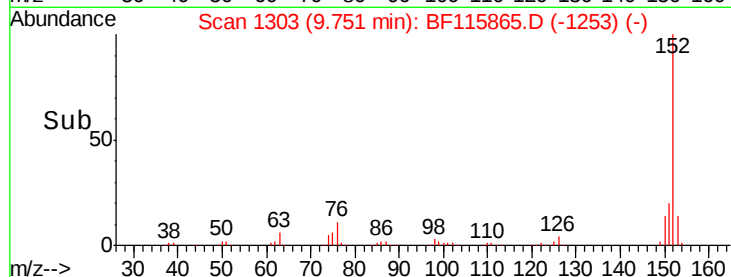
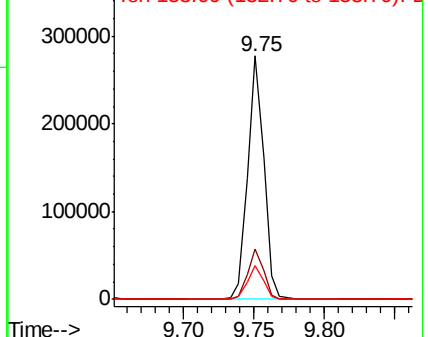
153 13.9 11.6 17.4



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: 7.929 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

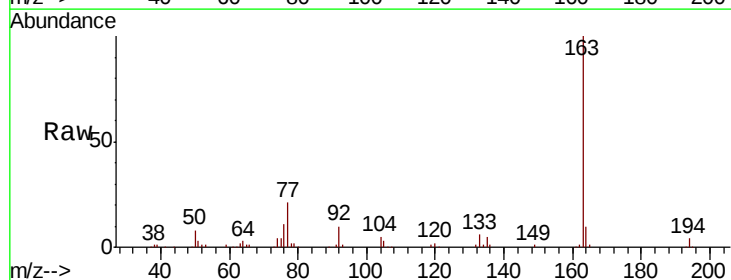
Tgt Ion:163 Resp: 158038

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

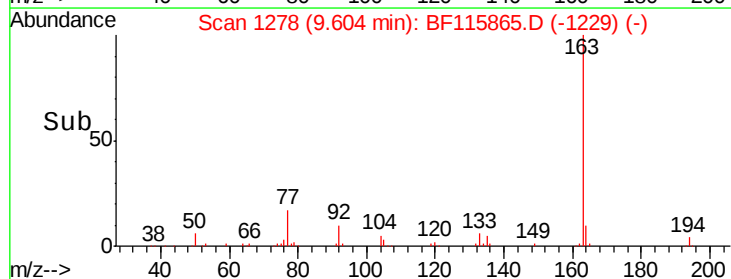
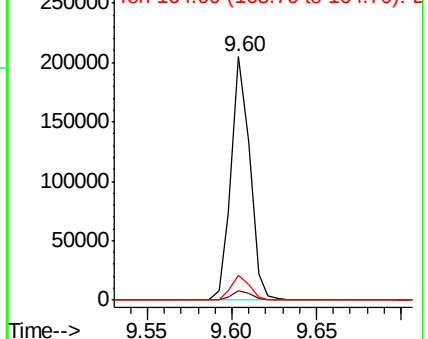
164 10.1 8.4 12.6

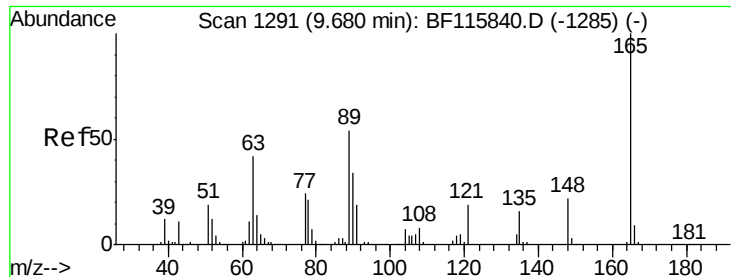


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

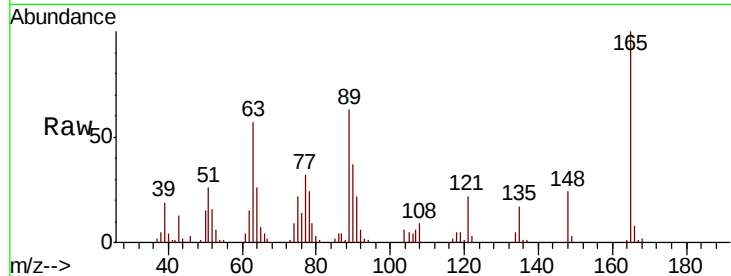




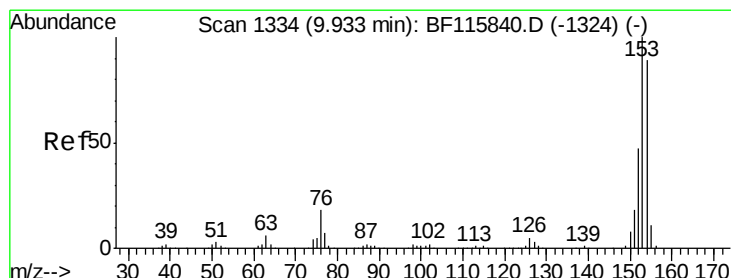
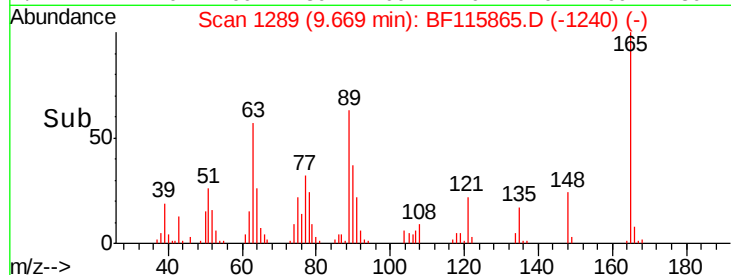
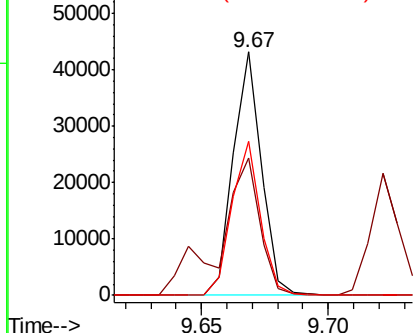
#51
 2,6-Dinitrotoluene
 Concen: 7.702 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:165 Resp: 33362
 Ion Ratio Lower Upper
 165 100
 63 56.7 39.4 59.2
 89 63.2 43.0 64.6

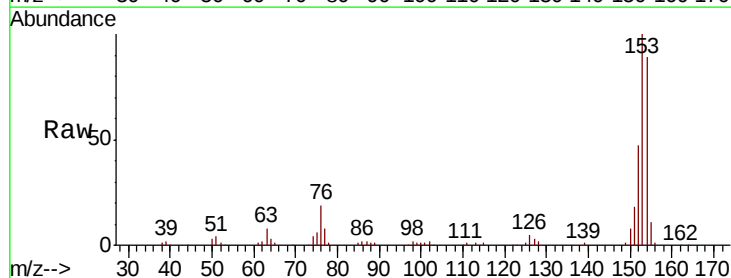


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

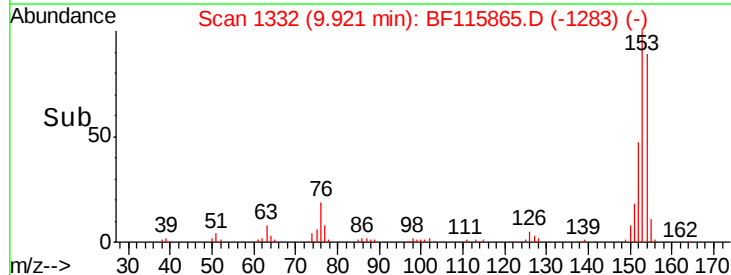
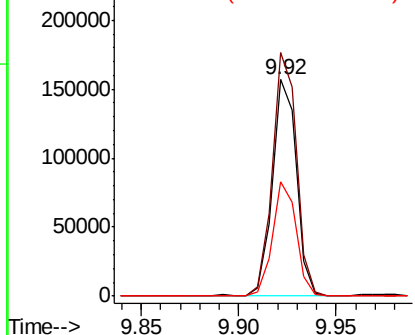


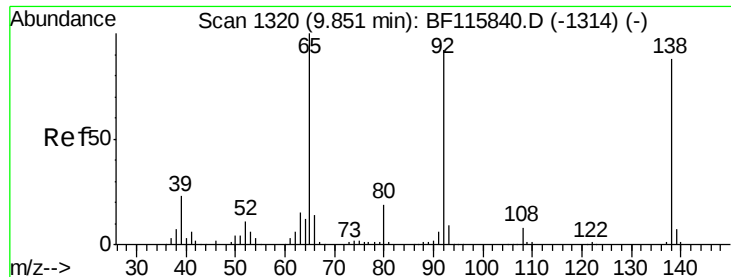
#52
 Acenaphthene
 Concen: 8.739 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion:154 Resp: 134533
 Ion Ratio Lower Upper
 154 100
 153 112.4 90.1 135.1
 152 52.8 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

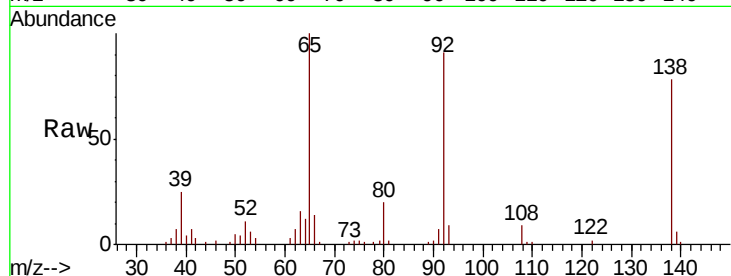




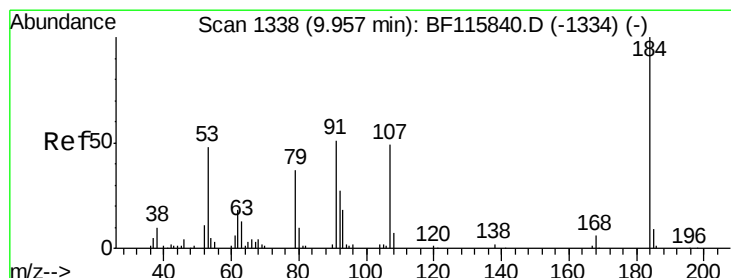
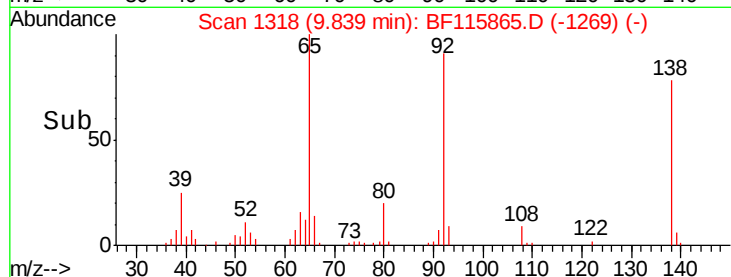
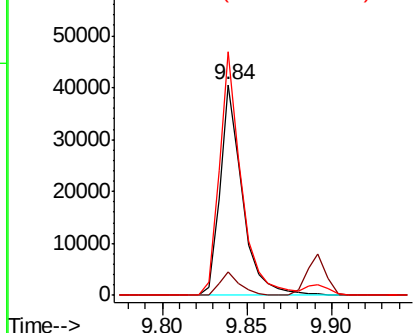
#53
3-Nitroaniline
Concen: 6.995 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 37436
Ion Ratio Lower Upper
138 100
108 10.9 7.4 11.2
92 115.6 83.9 125.9

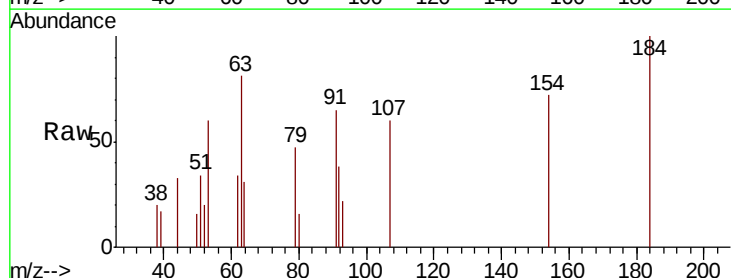


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

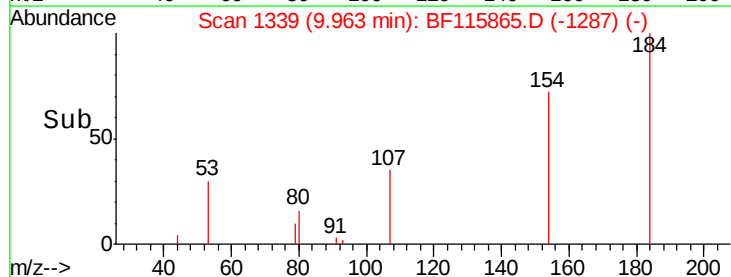
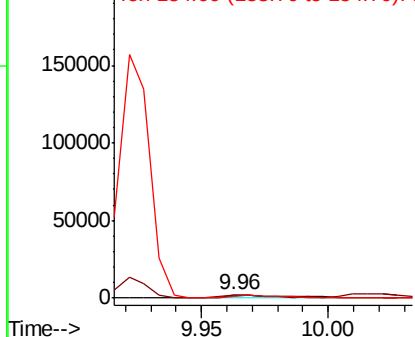


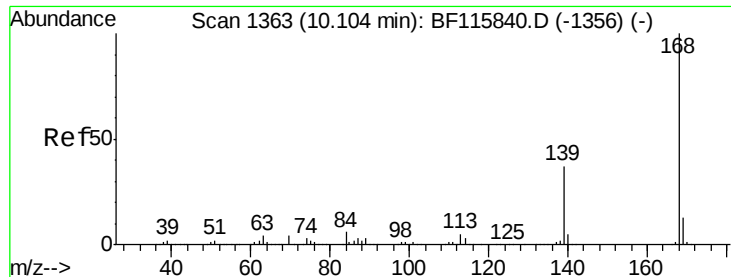
#54
2,4-Dinitrophenol
Concen: 1.873 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:184 Resp: 3445
Ion Ratio Lower Upper
184 100
63 80.9 56.7 85.1
154 71.6 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

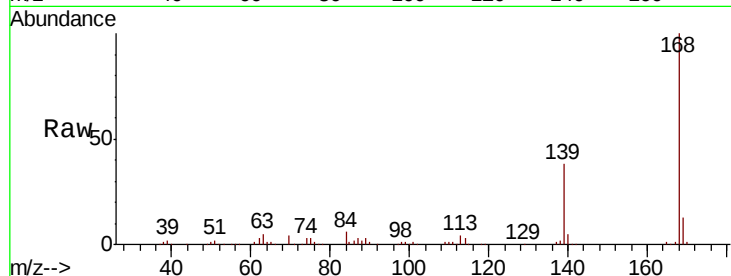




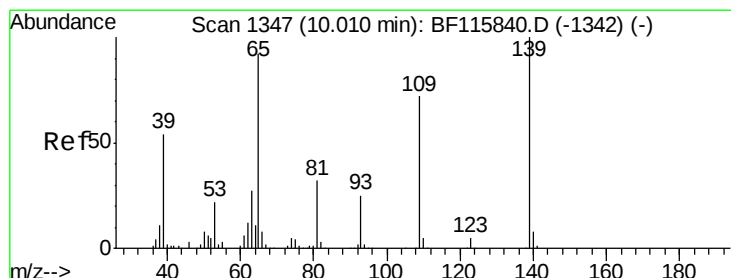
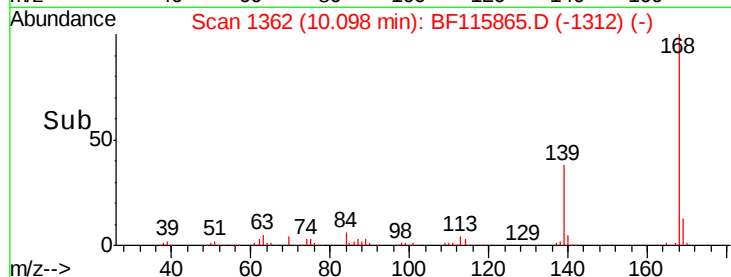
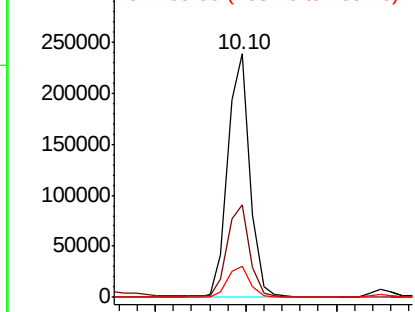
#55
Dibenzenofuran
Concen: 9.045 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 202491
Ion Ratio Lower Upper
168 100
139 37.8 30.2 45.2
169 12.7 10.8 16.2

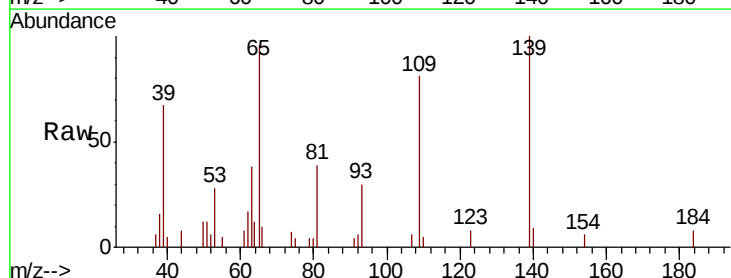


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

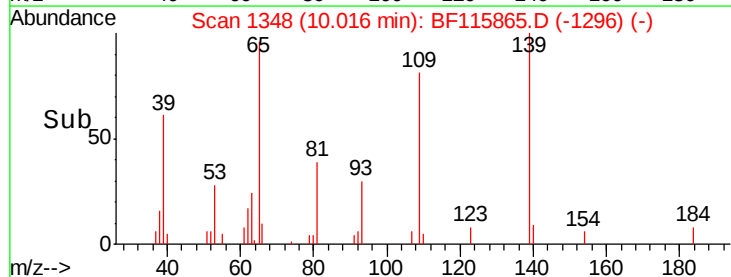
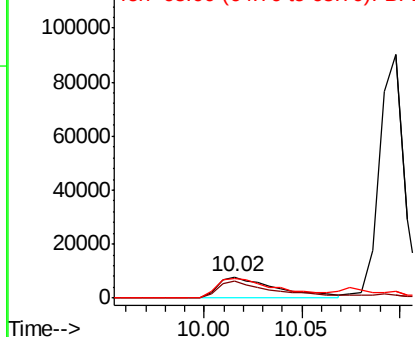


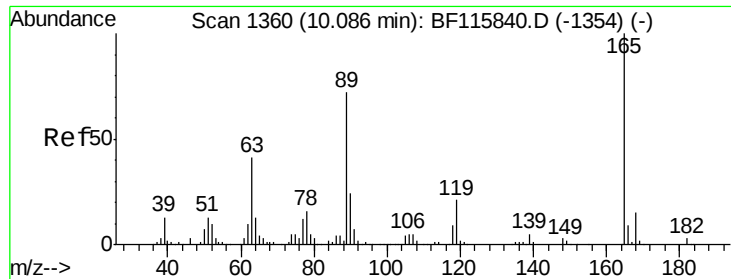
#56
4-Nitrophenol
Concen: 4.766 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:139 Resp: 16339
Ion Ratio Lower Upper
139 100
109 81.4 52.0 92.0
65 95.9 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

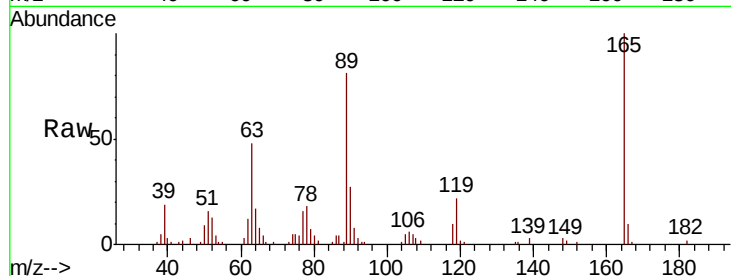




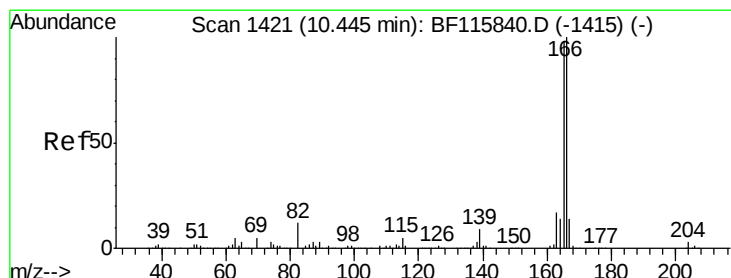
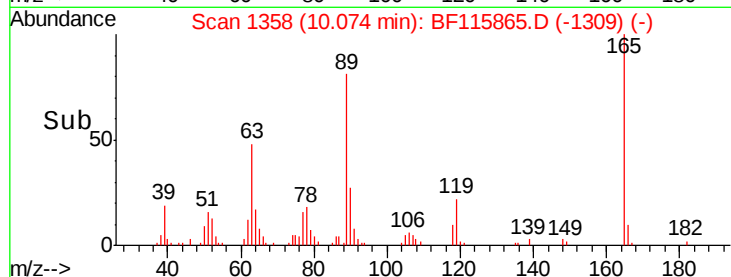
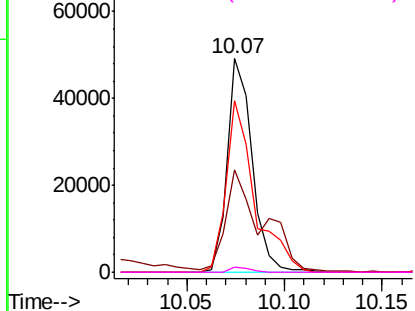
#57
2,4-Dinitrotoluene
Concen: 7.556 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	33.2	49.8
89	80.5	57.3	85.9
182	2.3	2.1	3.1

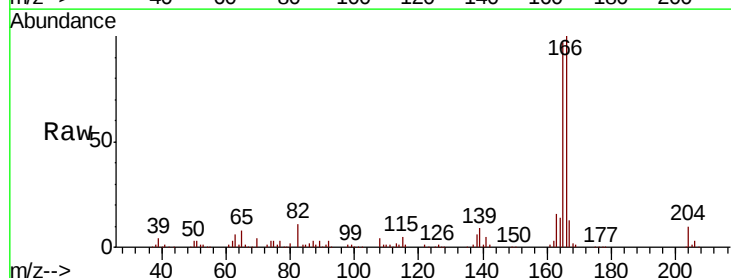


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

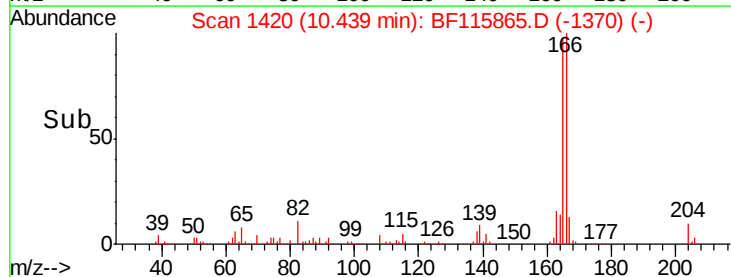
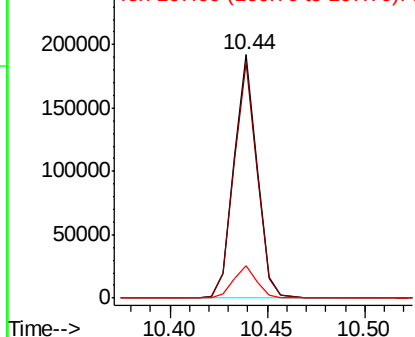


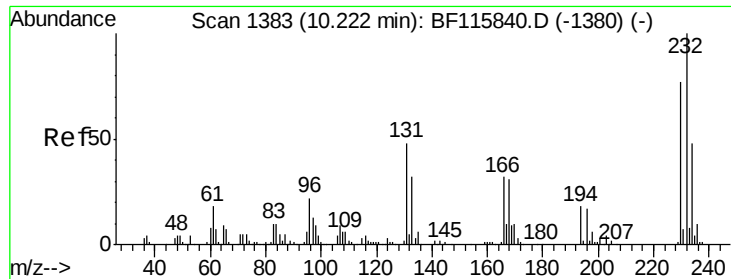
#58
Fluorene
Concen: 9.144 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.6	118.0
167	13.3	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

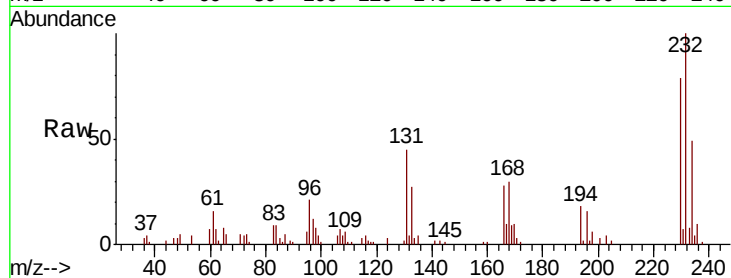




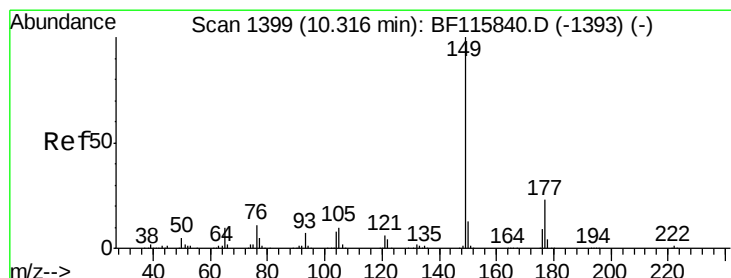
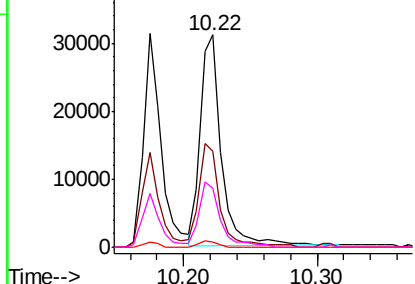
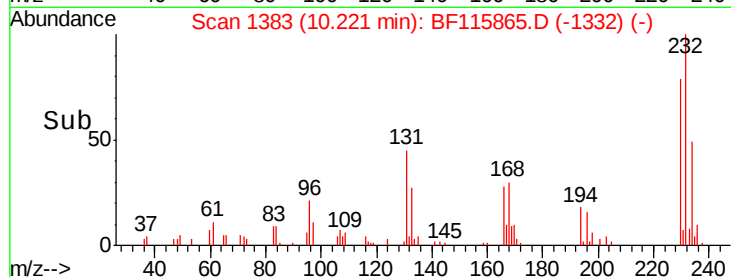
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.280 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 34102
 Ion Ratio Lower Upper
 232 100
 131 50.0 37.6 56.4
 130 2.5 1.8 2.8
 166 30.6 24.6 37.0

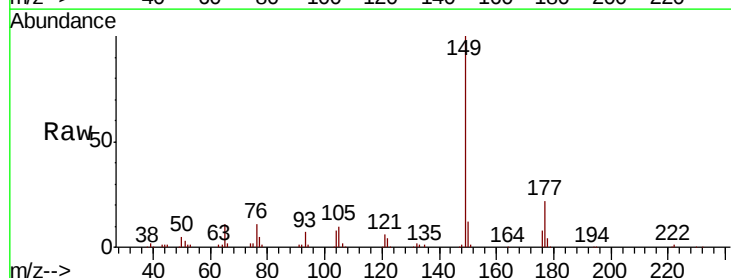


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

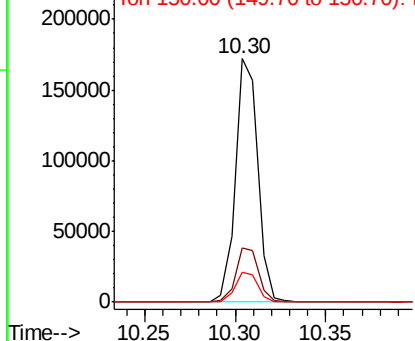
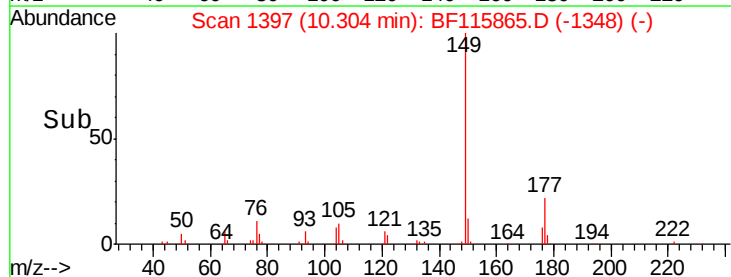


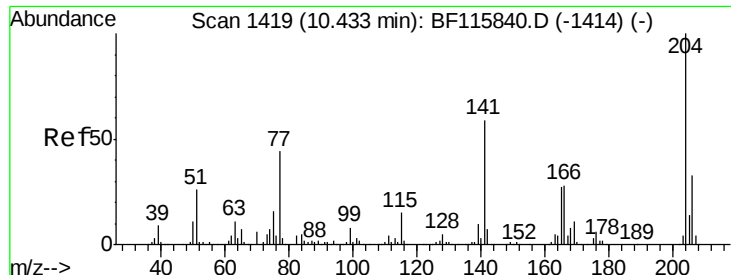
#60
 Diethylphthalate
 Concen: 7.949 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion:149 Resp: 147920
 Ion Ratio Lower Upper
 149 100
 177 22.0 18.4 27.6
 150 12.1 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

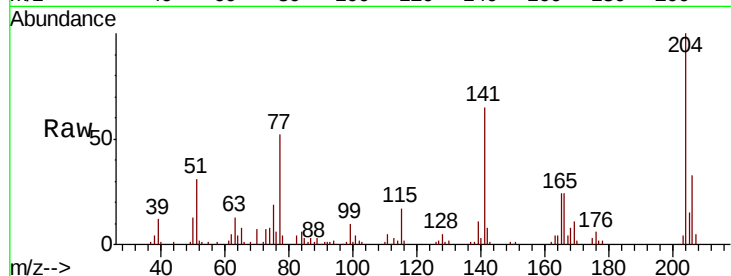




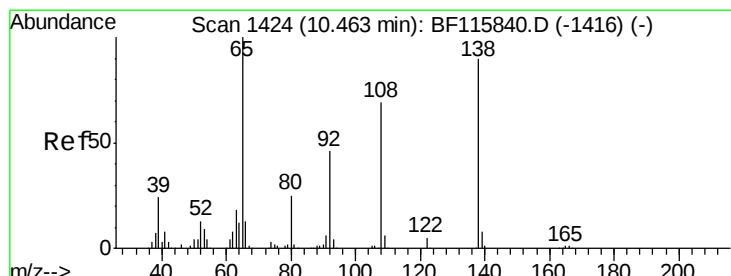
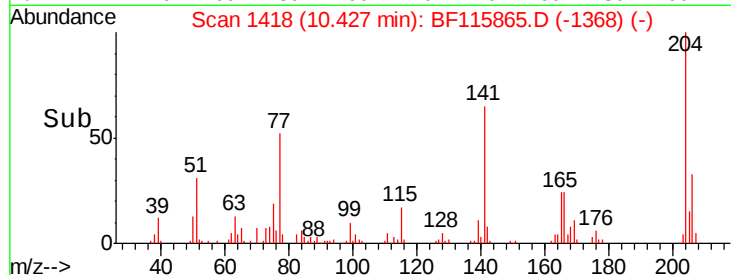
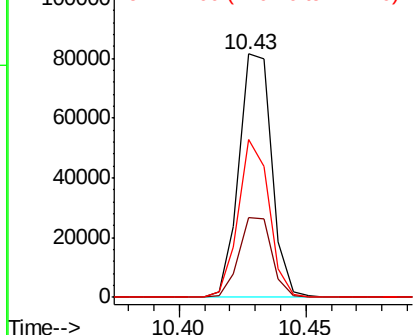
#61
4-Chlorophenyl-phenylether
Concen: 8.395 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 73235
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 64.8 47.0 70.4

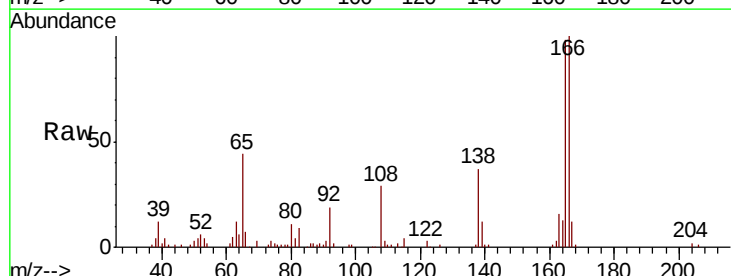


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

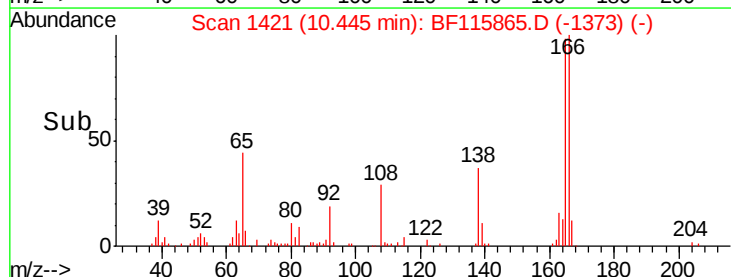
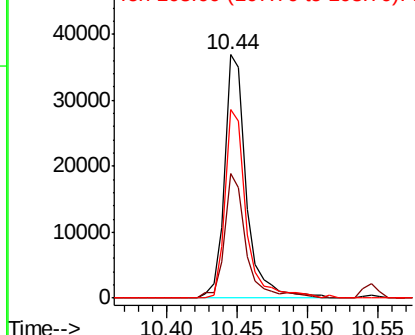


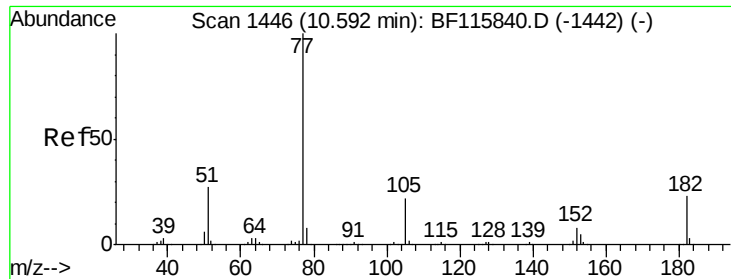
#62
4-Nitroaniline
Concen: 7.220 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:138 Resp: 39934
Ion Ratio Lower Upper
138 100
92 51.2 31.0 71.0
108 77.7 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

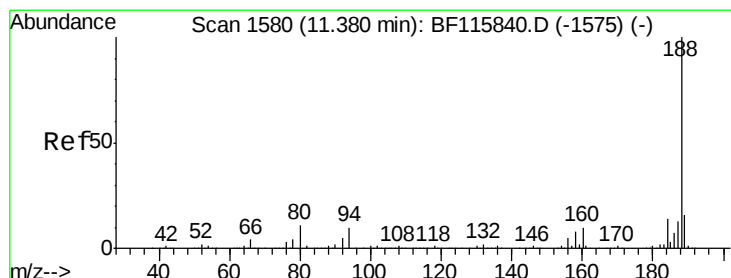
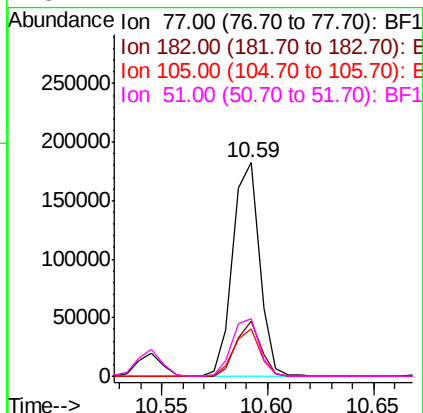
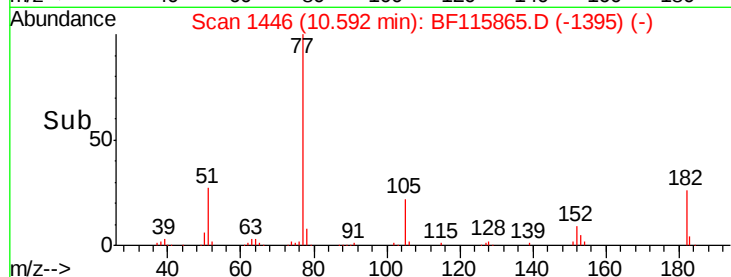
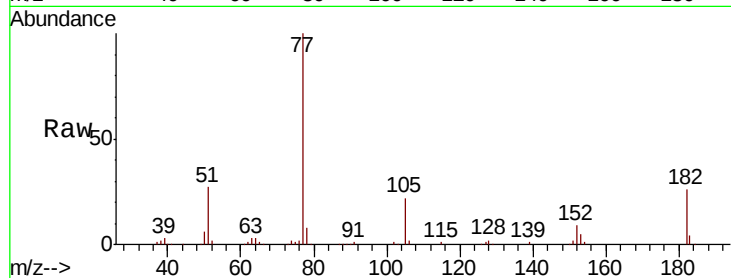




#63
Azobenzene
Concen: 8.364 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

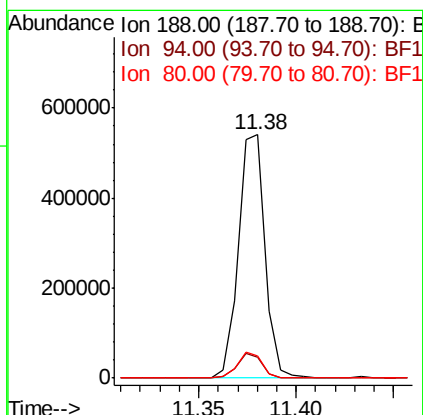
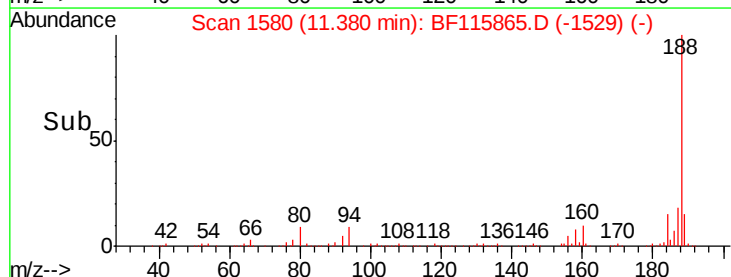
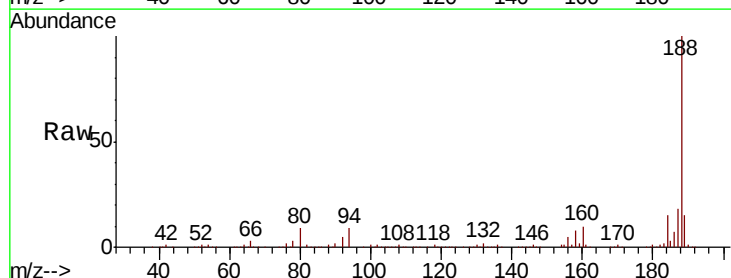
Instrument :
BNA_F
ClientSampleId :

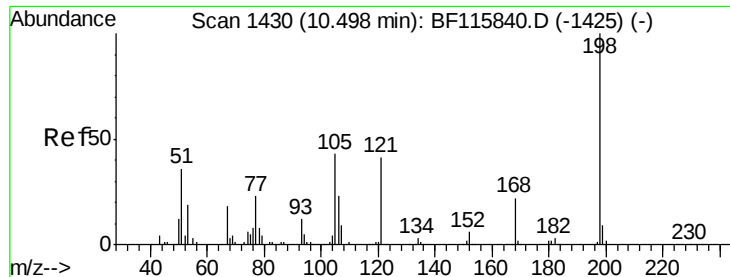
Tot Ion: 77 Resp: 160091
Ion Ratio Lower Upper
77 100
182 25.6 2.6 42.6
105 22.3 1.6 41.6
51 27.2 7.4 47.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion: 188 Resp: 507589
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.2 8.6 12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 4.875 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Instrument :

BNA_F

ClientSampleId :

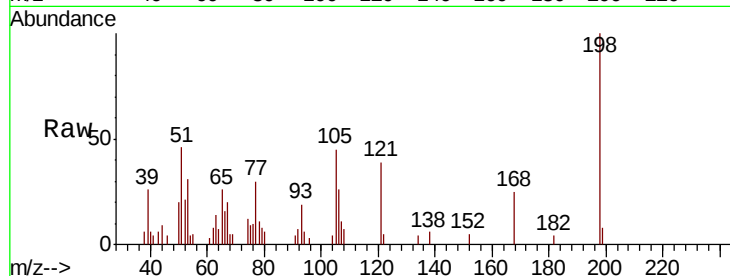
Tot Ion:198 Resp: 13112

Ion Ratio Lower Upper

198 100

51 45.5 21.1 61.1

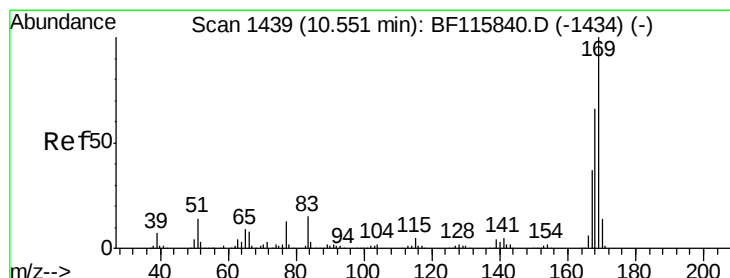
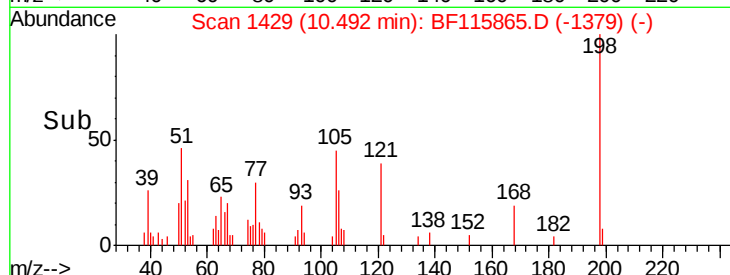
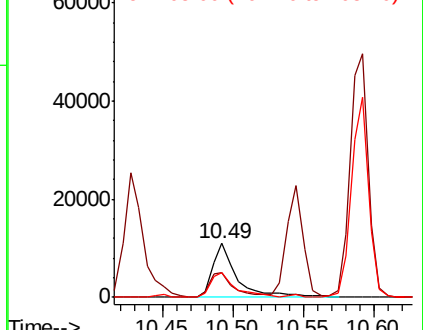
105 44.9 24.5 64.5



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: 8.559 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

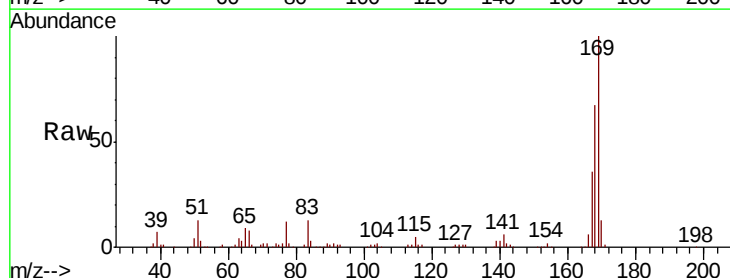
Tgt Ion:169 Resp: 130758

Ion Ratio Lower Upper

169 100

168 66.8 53.0 79.6

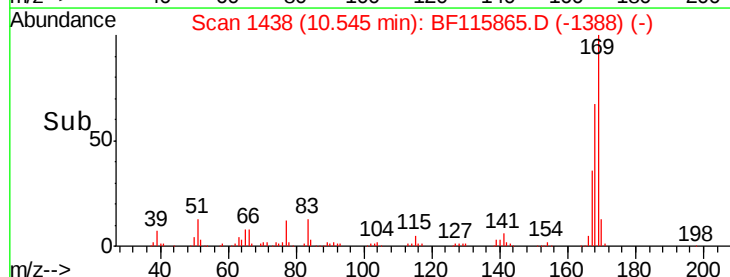
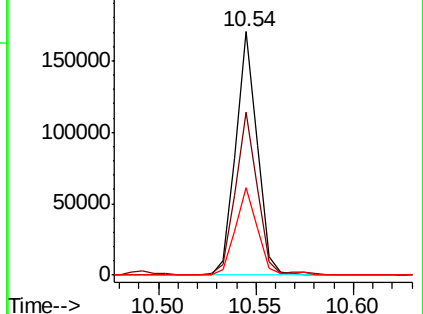
167 36.0 29.9 44.9

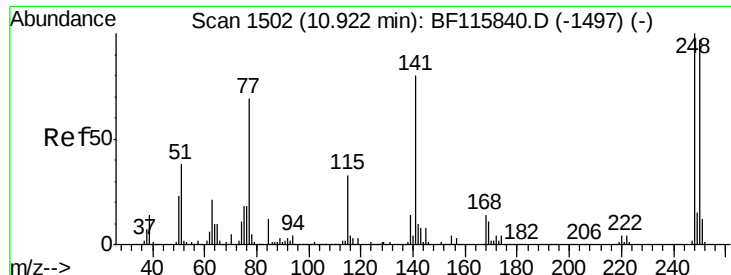


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

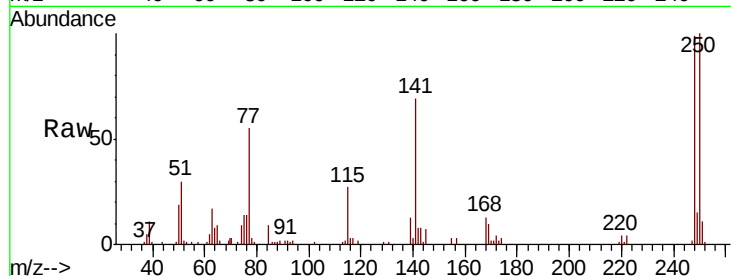




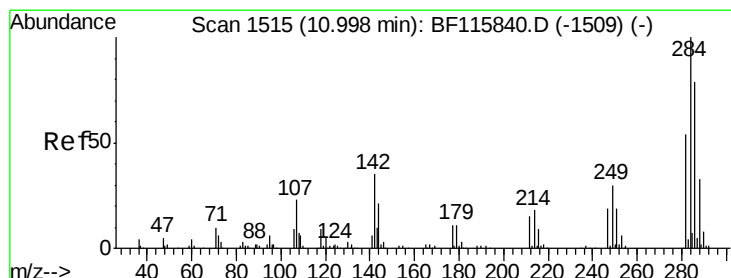
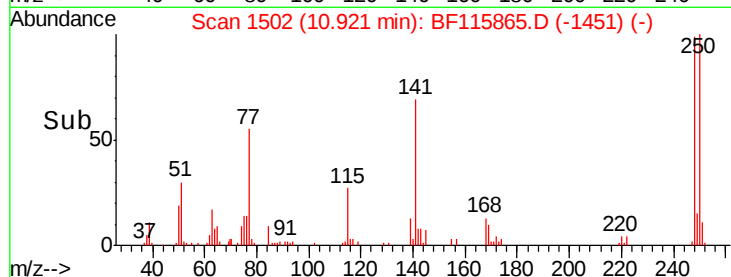
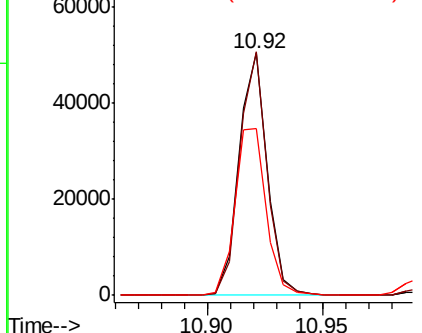
#67
 4-Bromophenyl-phenylether
 Concen: 7.930 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 43090
 Ion Ratio Lower Upper
 248 100
 250 100.5 77.8 116.6
 141 69.1 64.3 96.5

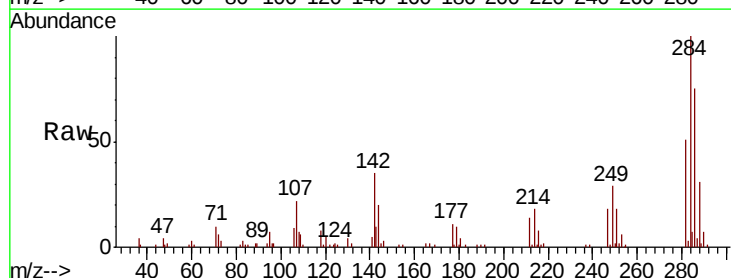


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

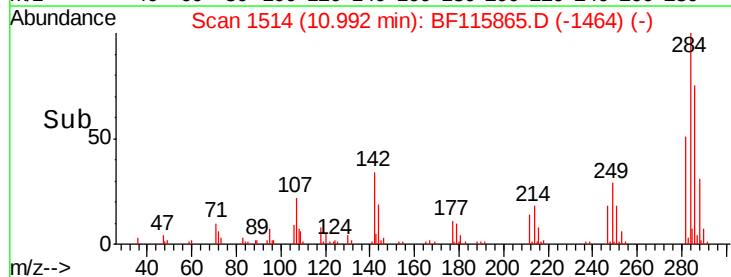
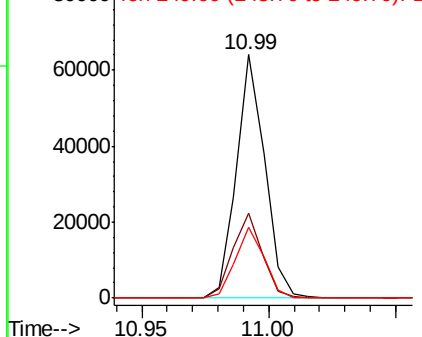


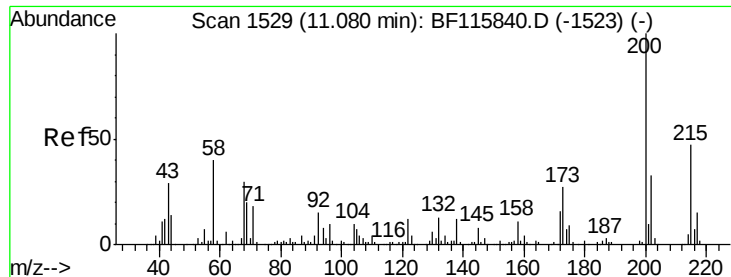
#68
 Hexachlorobenzene
 Concen: 7.935 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion:284 Resp: 49856
 Ion Ratio Lower Upper
 284 100
 142 34.9 28.2 42.2
 249 29.0 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

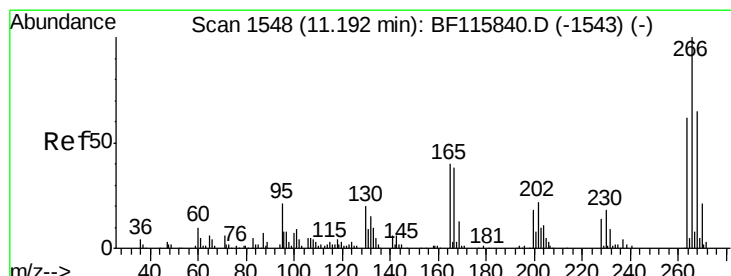
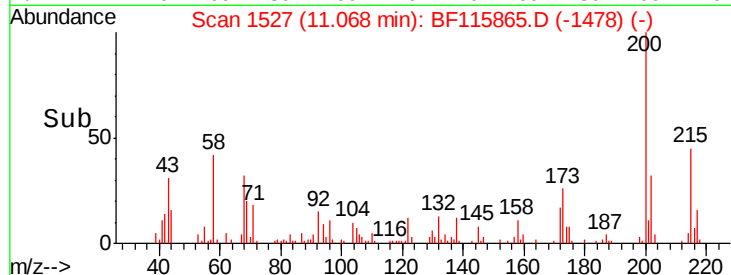
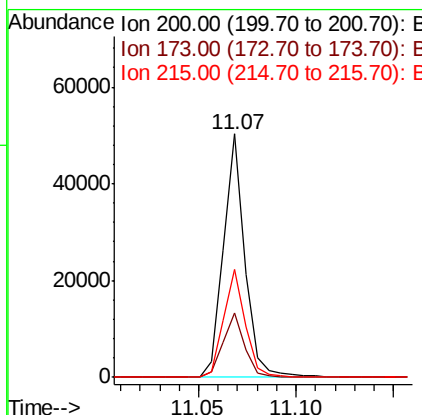
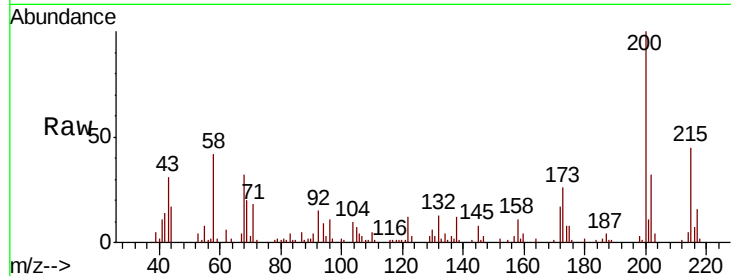




#69
 Atrazine
 Concen: 7.640 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

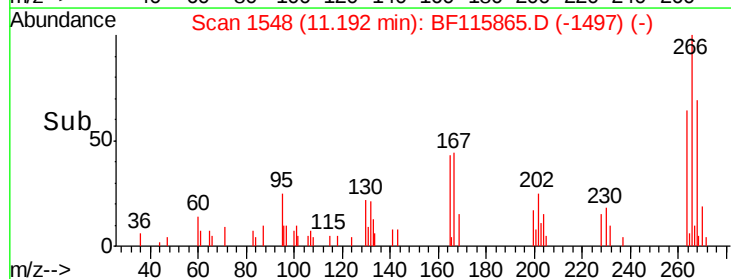
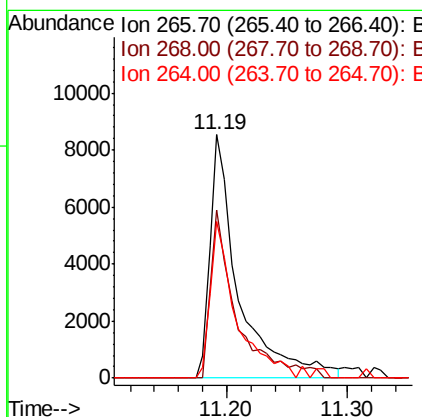
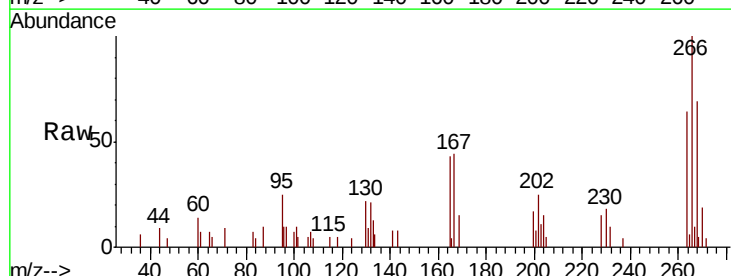
Instrument :
 BNA_F
 ClientSampleId :

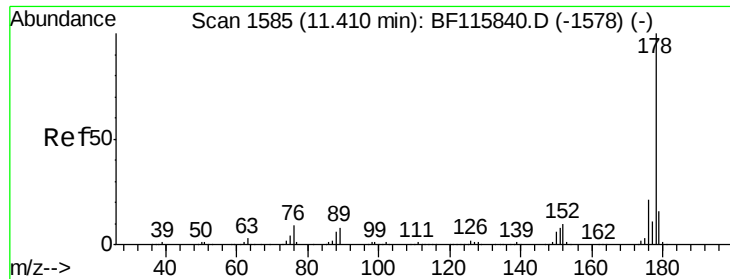
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.3	47.3
215	44.6	26.9	66.9



#70
 Pentachlorophenol
 Concen: 4.582 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	73.5	51.6	77.4
264	64.1	49.4	74.0

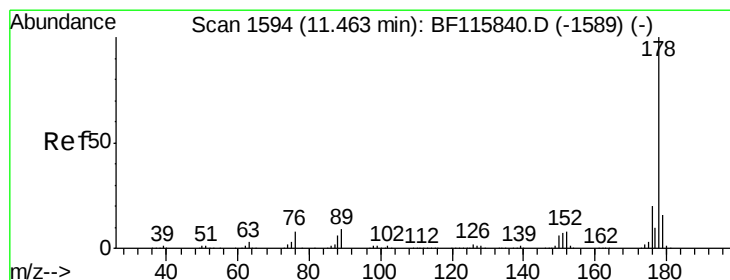
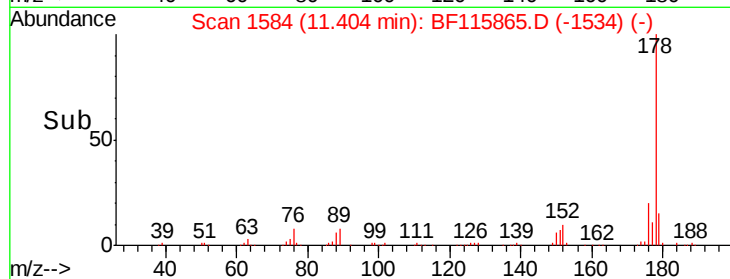
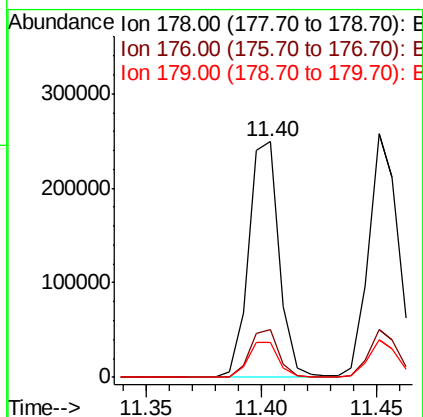
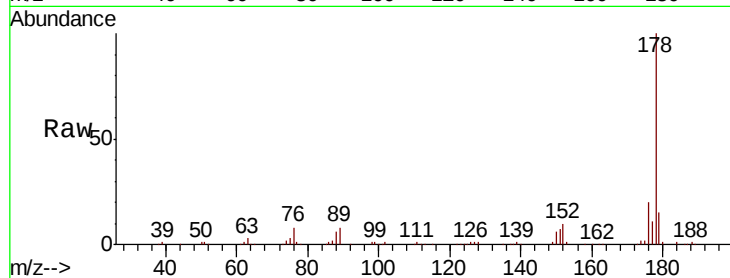




#71
Phenanthrene
Concen: 8.888 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

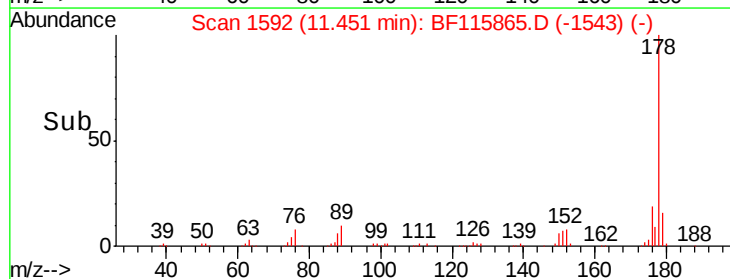
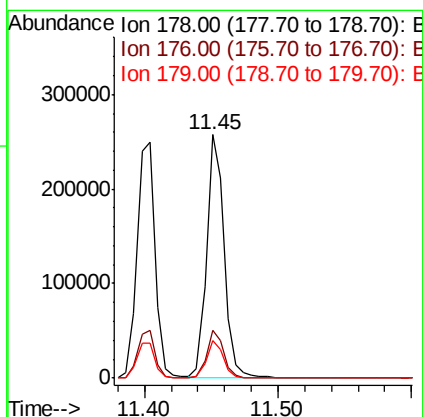
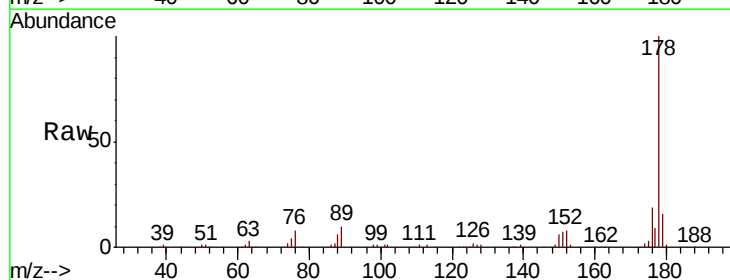
Instrument :
BNA_F
ClientSampleId :

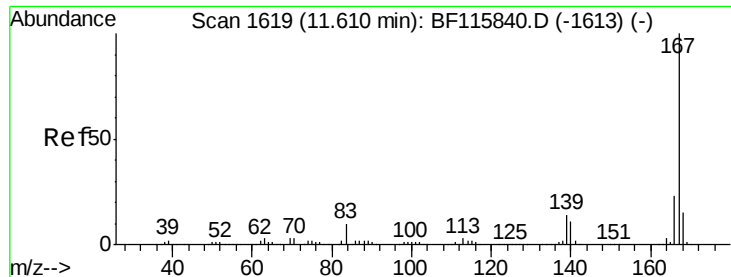
Tot Ion:178 Resp: 230644
Ion Ratio Lower Upper
178 100
176 20.3 16.5 24.7
179 14.9 12.6 18.8



#72
Anthracene
Concen: 8.961 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:178 Resp: 235330
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.5 12.4 18.6

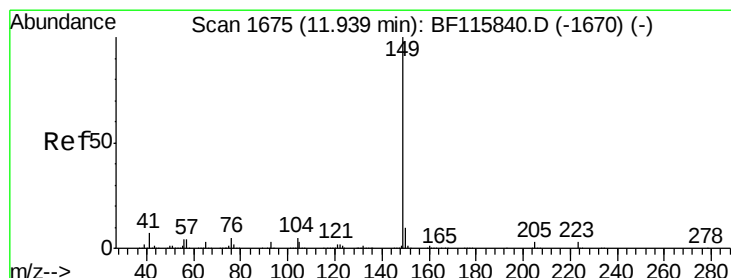
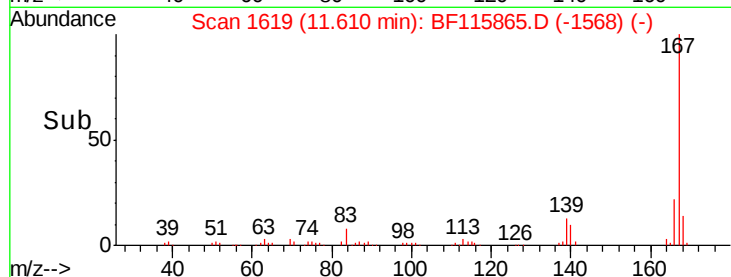
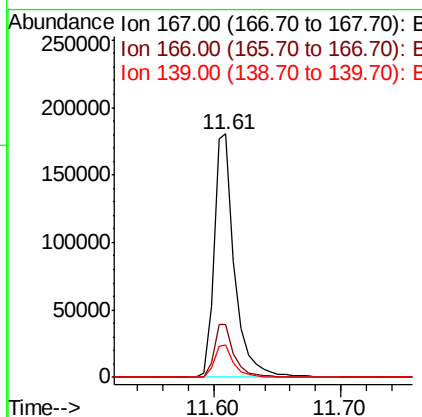
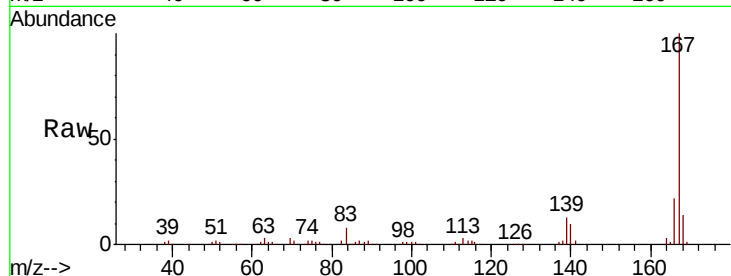




#73
 Carbazole
 Concen: 8.593 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

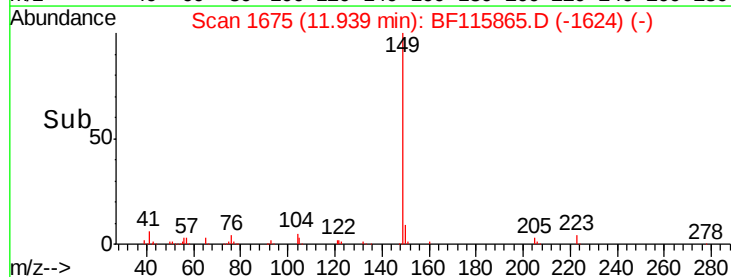
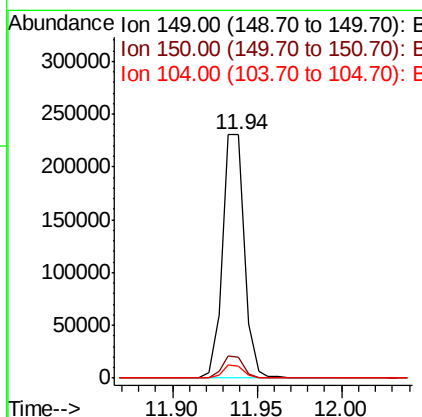
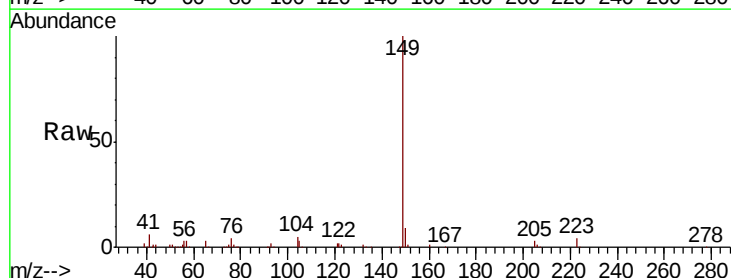
Instrument :
 BNA_F
 ClientSampleId :

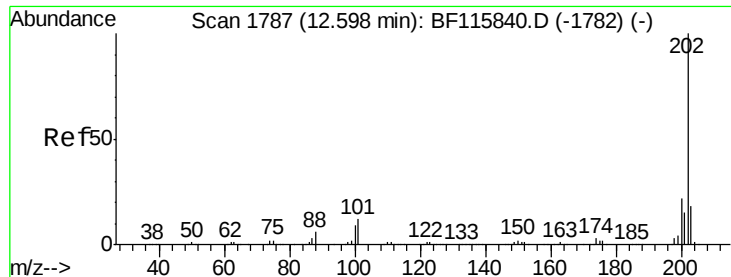
Tot Ion:167 Resp: 204730
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.1 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 7.476 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion:149 Resp: 207783
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.7 11.5
 104 4.7 4.3 6.5

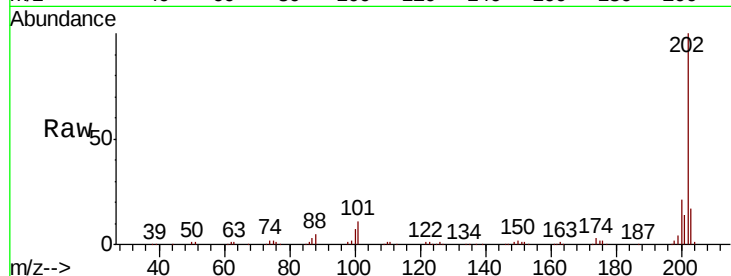




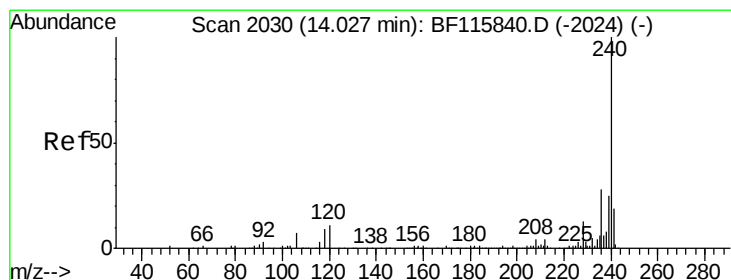
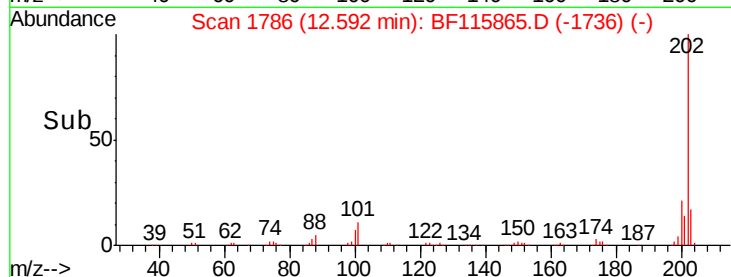
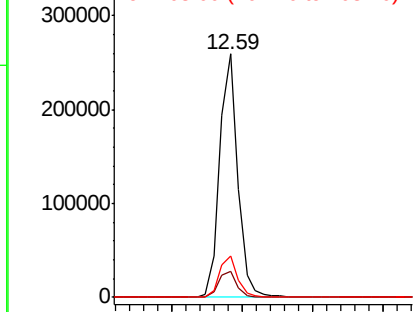
#75
 Fluoranthene
 Concen: 8.507 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.5
203	17.2	0.0	37.9

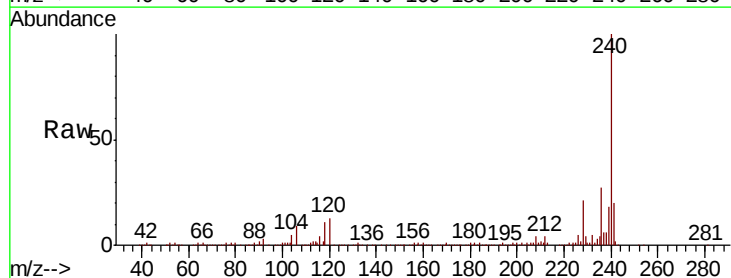


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

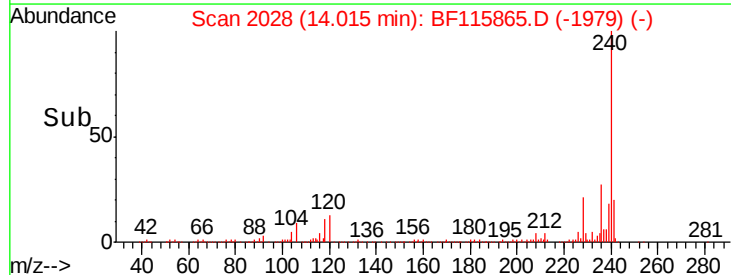
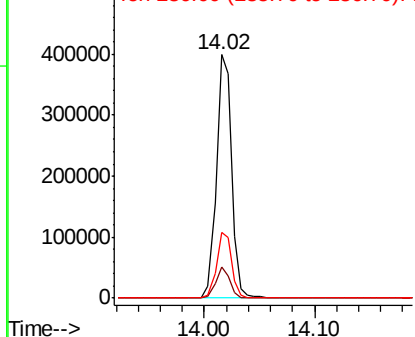


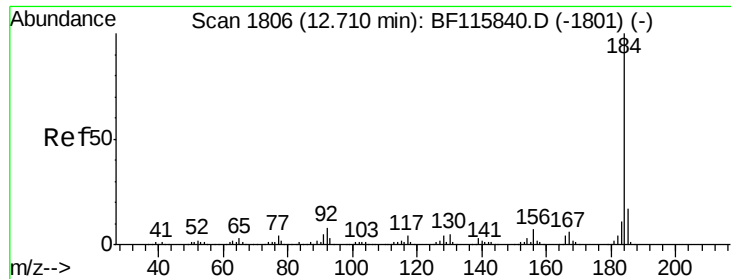
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.5	12.7
236	27.0	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: 7.451 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Instrument :

BNA_F

ClientSampleId :

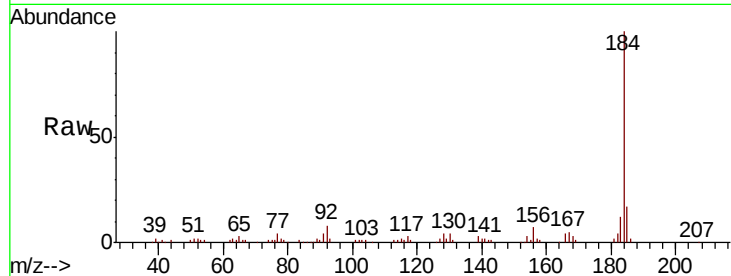
Tot Ion:184 Resp: 95960

Ion Ratio Lower Upper

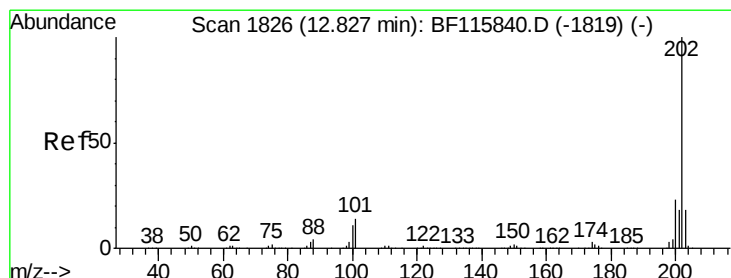
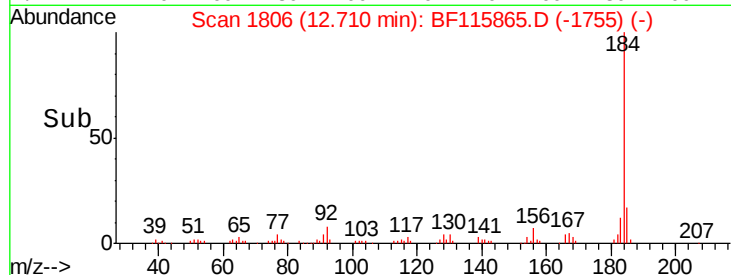
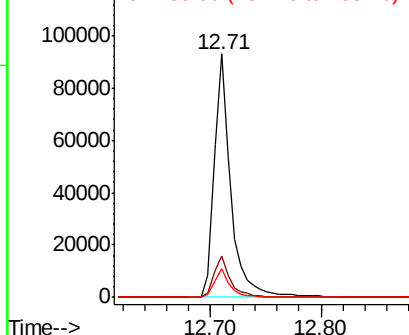
184 100

185 17.1 13.4 20.2

183 11.8 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: 8.505 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

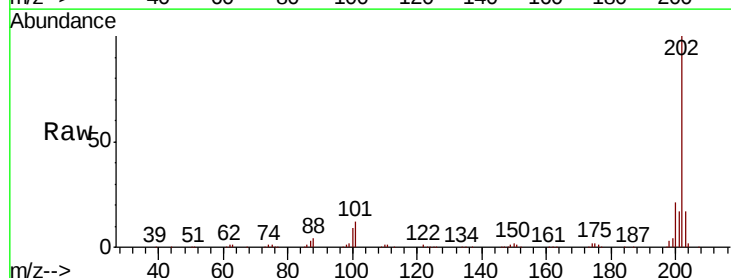
Tgt Ion:202 Resp: 244404

Ion Ratio Lower Upper

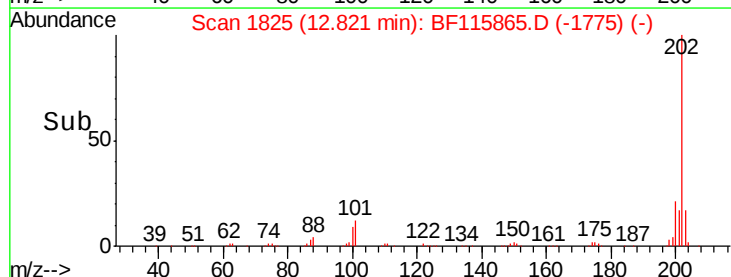
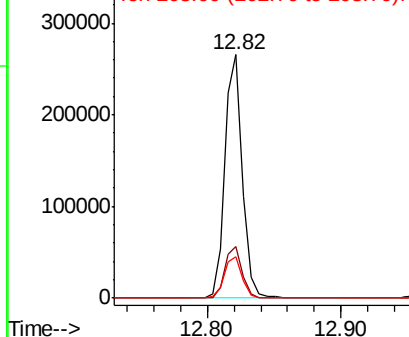
202 100

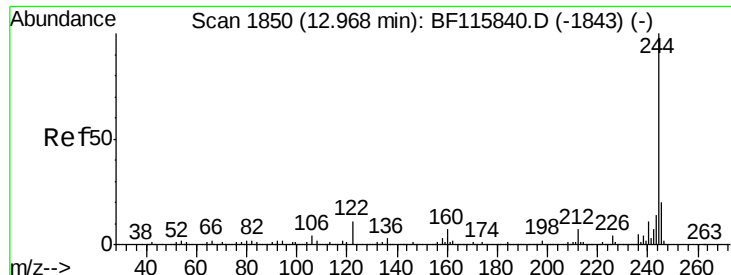
200 21.1 18.2 27.2

203 17.1 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: 76.458 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Instrument :

BNA_F

ClientSampleId :

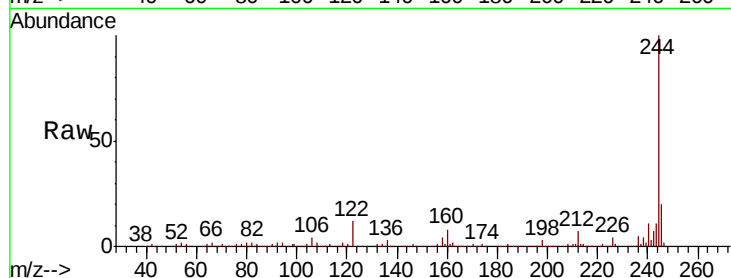
Tot Ion:244 Resp: 1383275

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

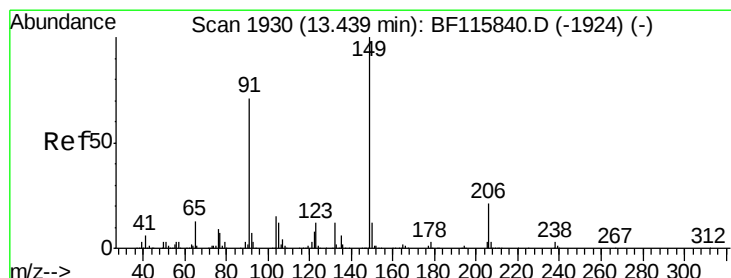
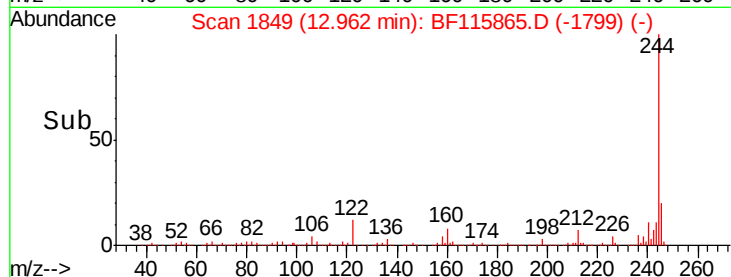
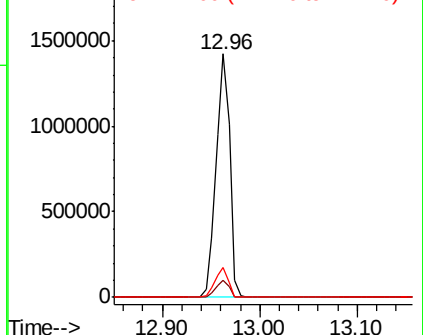
122 12.1 8.6 13.0



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: 6.541 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

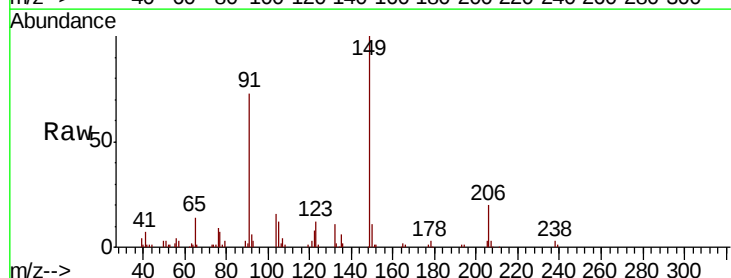
Tgt Ion:149 Resp: 79512

Ion Ratio Lower Upper

149 100

91 73.0 57.0 85.6

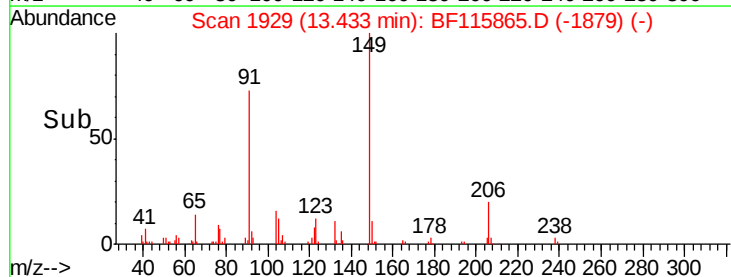
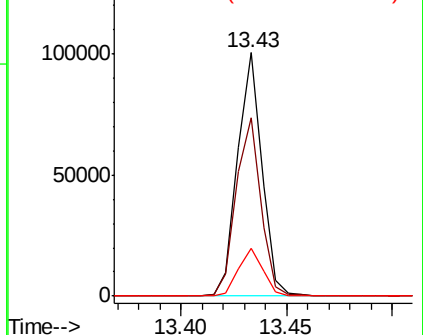
206 19.8 16.9 25.3

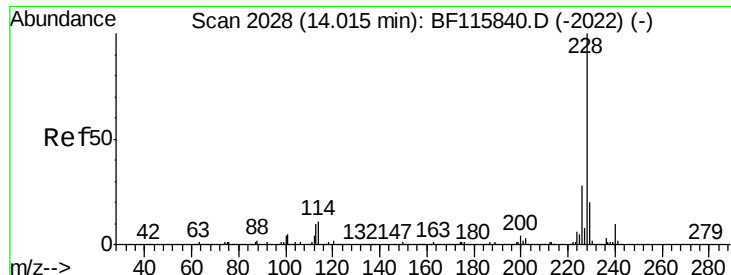


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.018 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

Instrument :

BNA_F

ClientSampled :

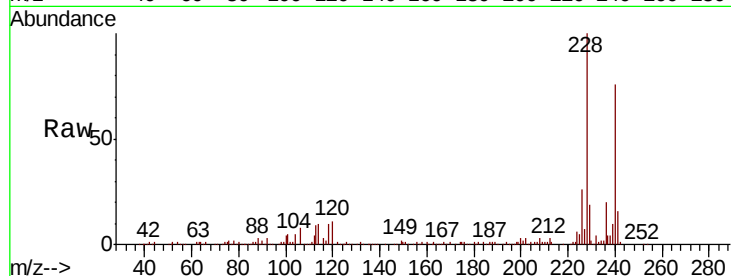
Tot Ion:228 Resp: 195363

Ion Ratio Lower Upper

228 100

226 26.4 22.5 33.7

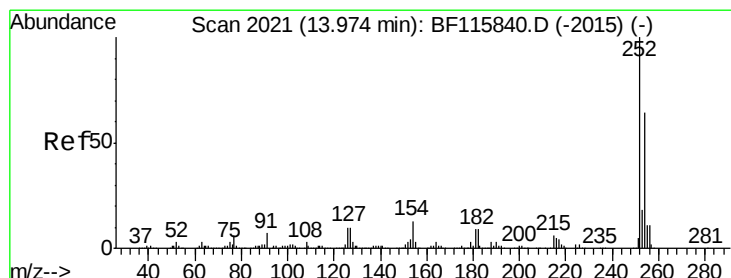
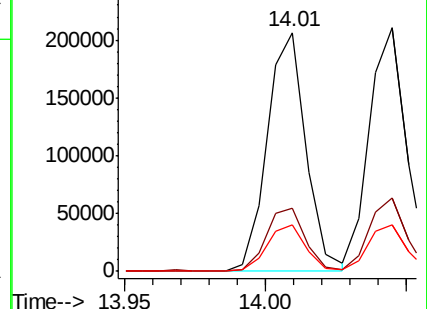
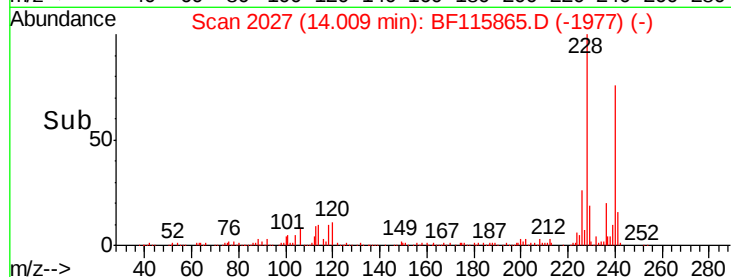
229 19.4 16.1 24.1



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: 7.791 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115865.D

Acq: 31 Jul 2019 14:52

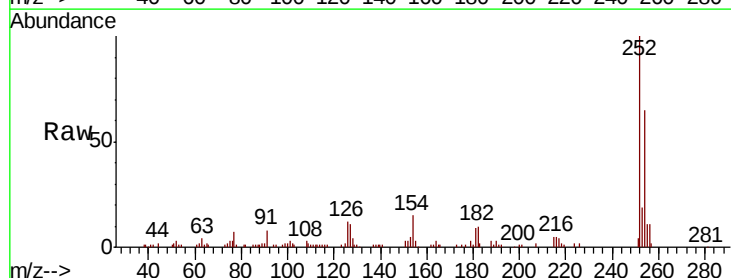
Tgt Ion:252 Resp: 65952

Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

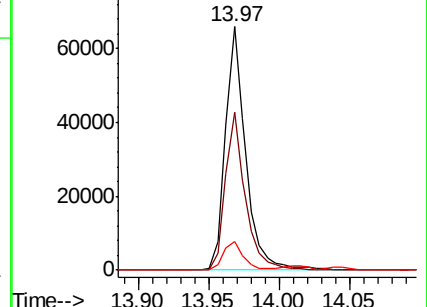
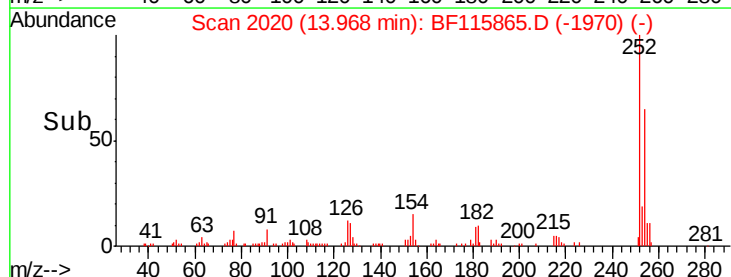
126 11.8 8.1 12.1

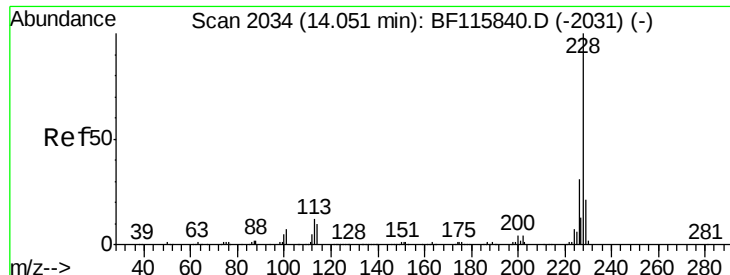


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

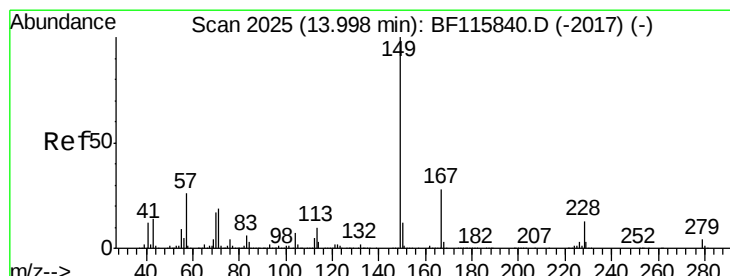
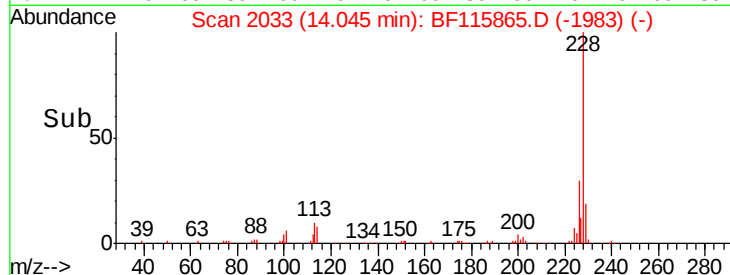
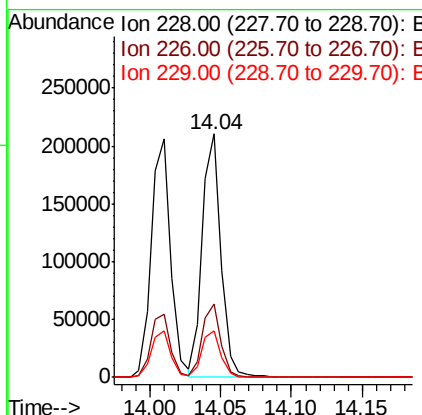
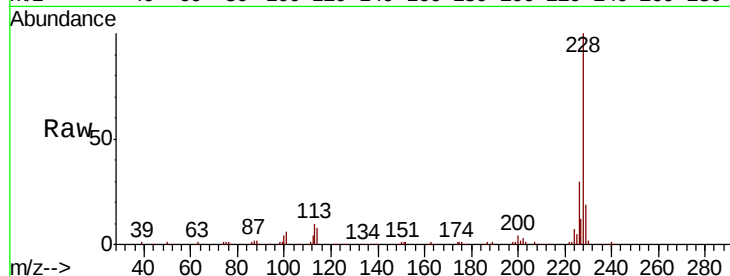




#83
 Chrvsene
 Concen: 8.251 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

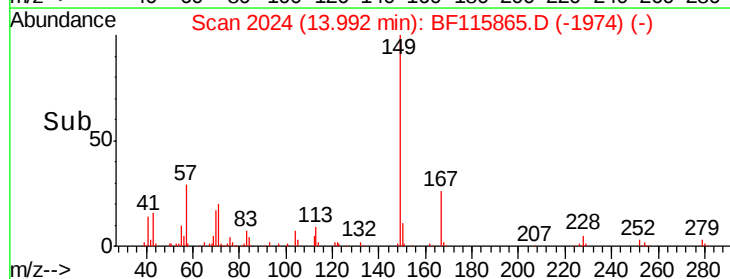
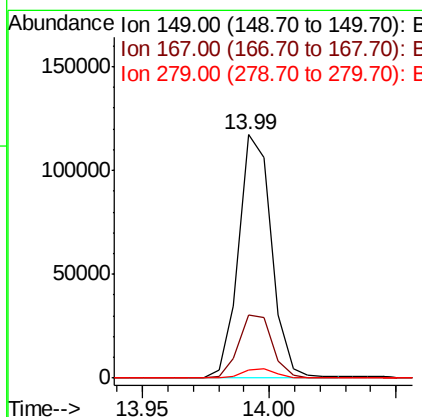
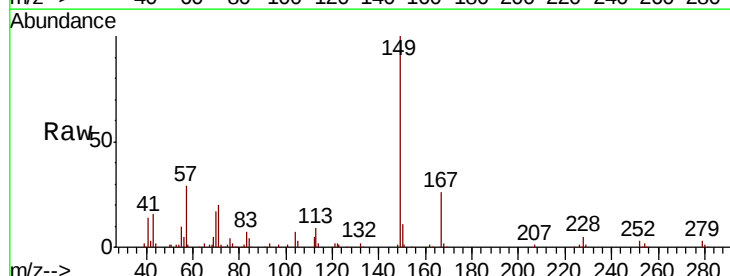
Instrument :
 BNA_F
 ClientSampled :

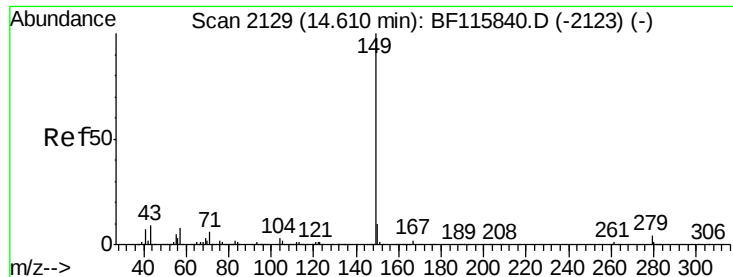
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	19.2	16.4	24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.696 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF115865.D
 Acq: 31 Jul 2019 14:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.4	33.6
279	3.4	3.3	4.9

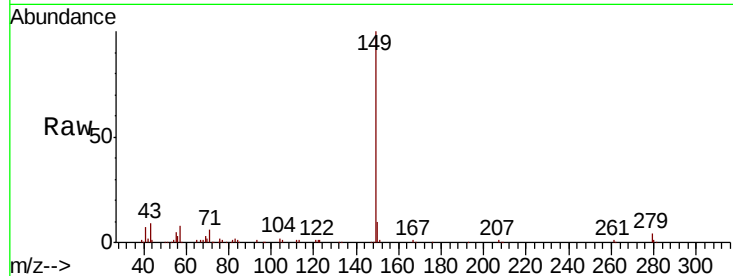




#85
Di-n-octyl phthalate
Concen: 6.274 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.2	1.8
43	9.9	7.4	11.0

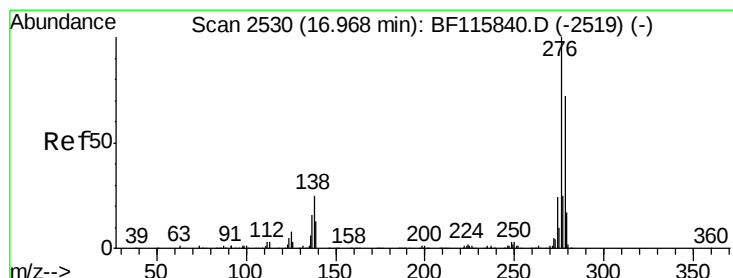
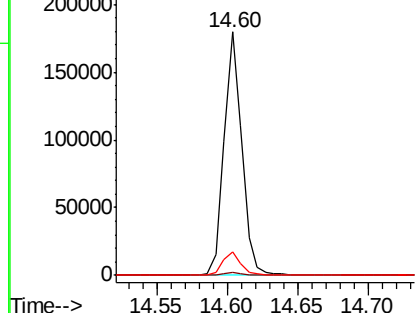
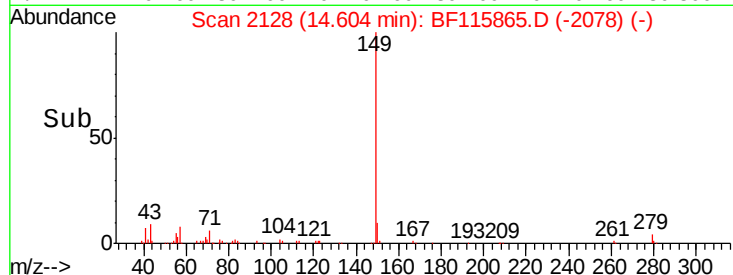


Abundance

Ion 149.00 (148.70 to 149.70): E

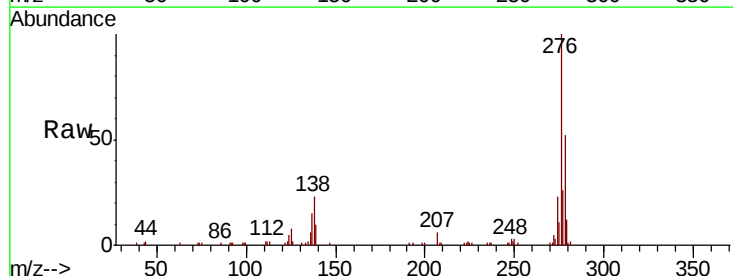
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 7.131 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.6	29.4
277	25.4	20.1	30.1

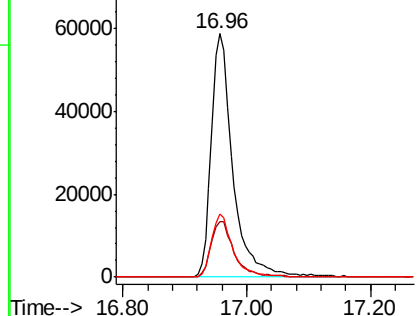
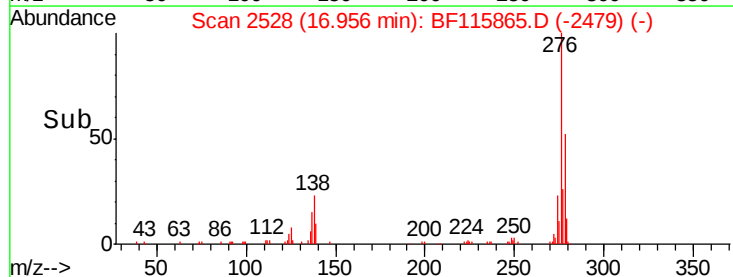


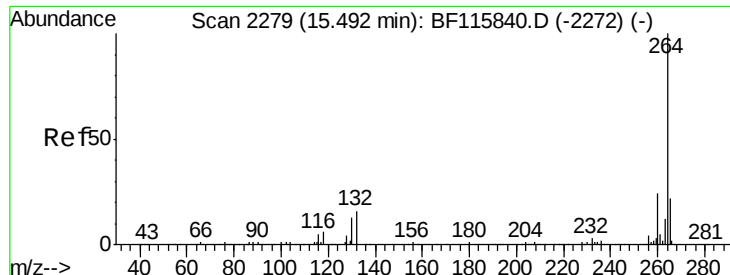
Abundance

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



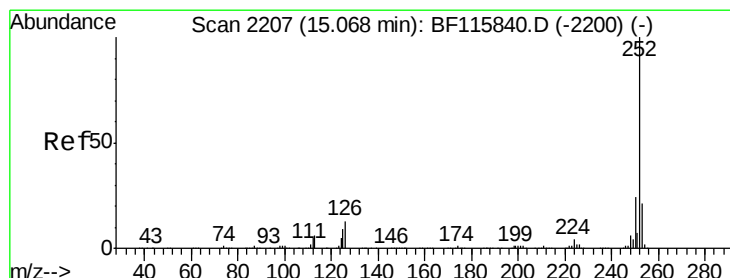
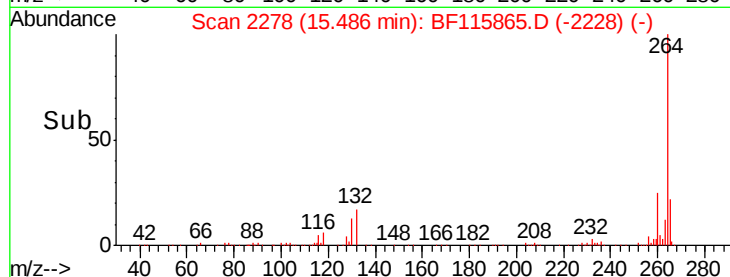
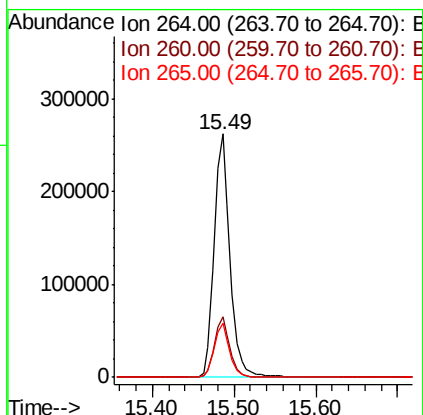
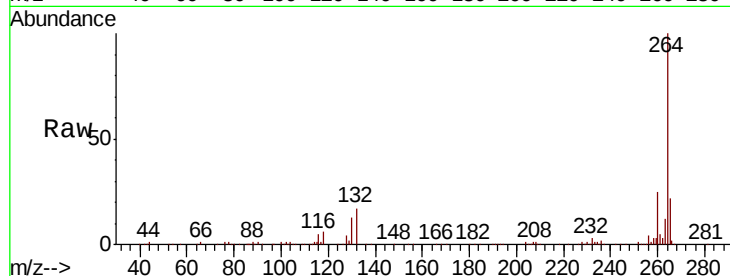


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 354151

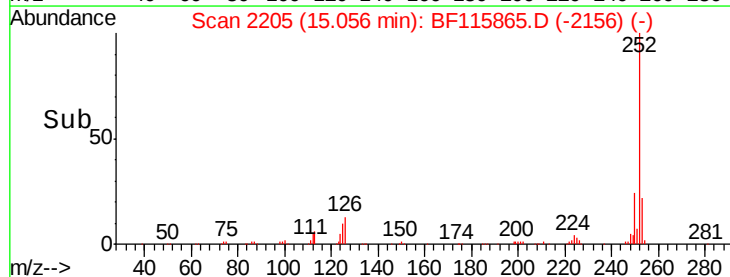
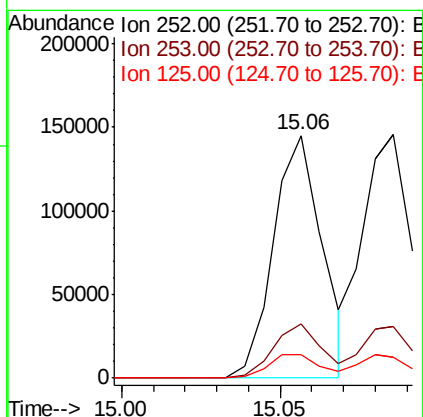
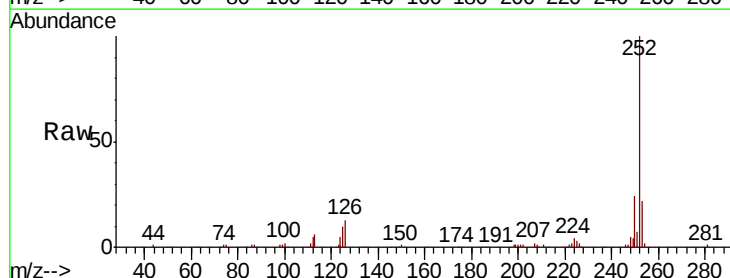
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.2	17.5	26.3

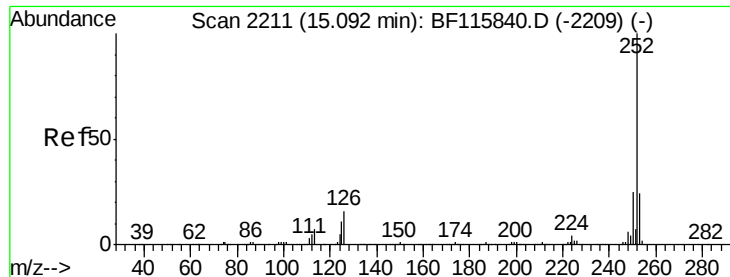


#88
Benzo(b)fluoranthene
Concen: 7.609 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:252 Resp: 155811

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.6	7.4	11.0

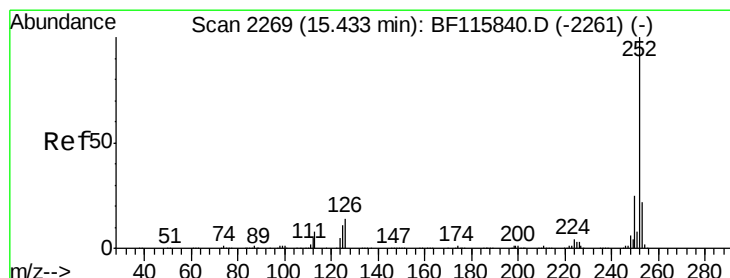
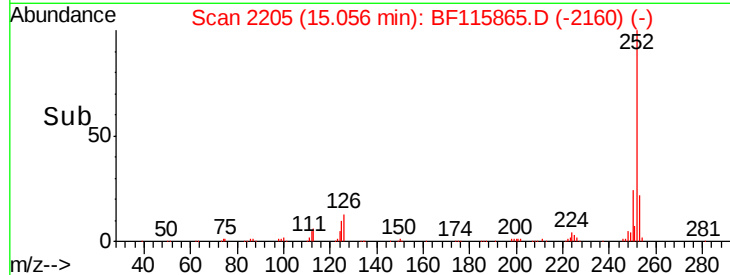
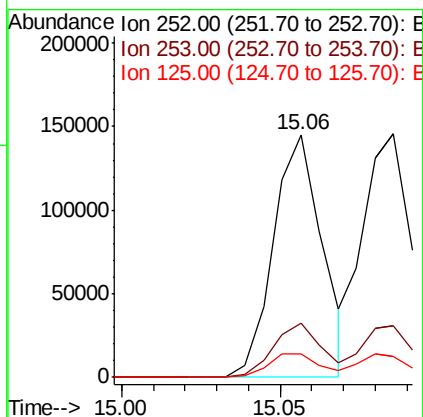
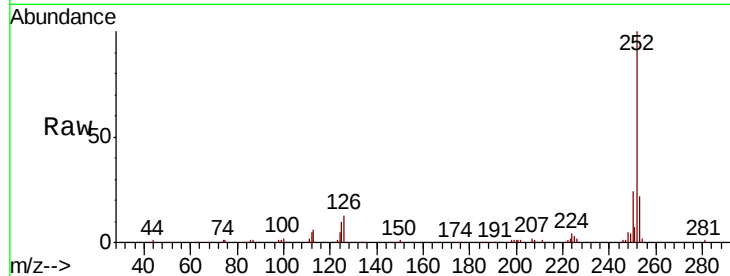




#89
Benzo(k)fluoranthene
Concen: 7.812 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.04 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

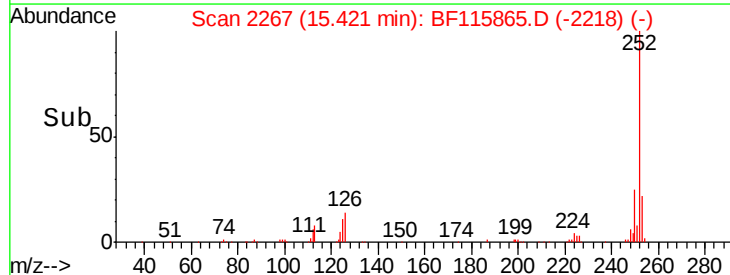
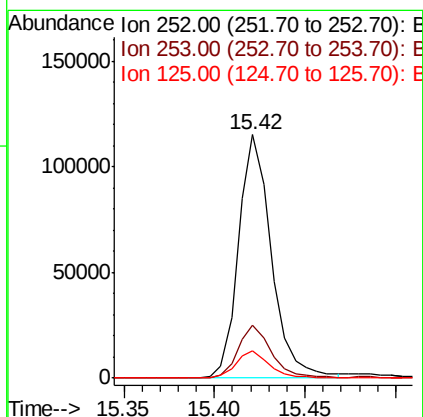
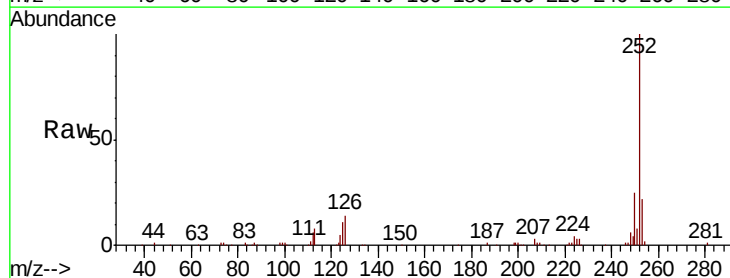
Instrument :
BNA_F
ClientSampleId :

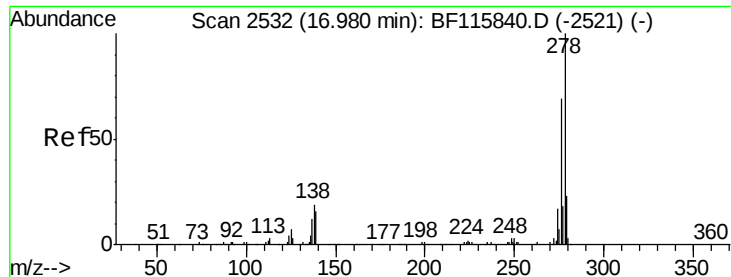
Tot Ion:252 Resp: 155811
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 9.6 8.9 13.3



#90
Benzo(a)pyrene
Concen: 7.936 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:252 Resp: 145274
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.1 8.8 13.2

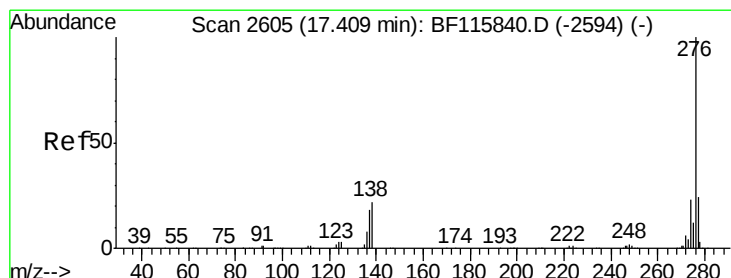
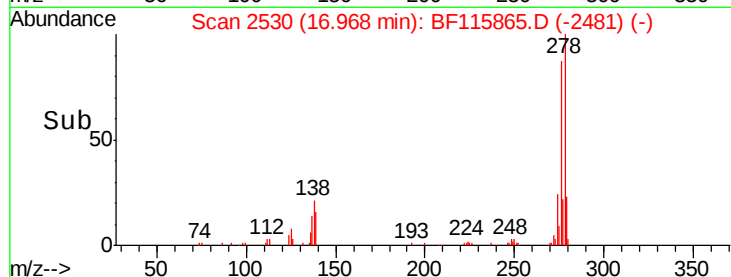
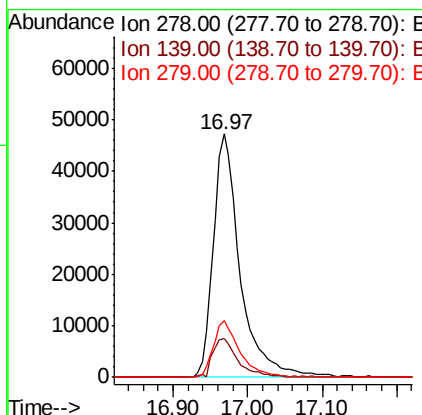
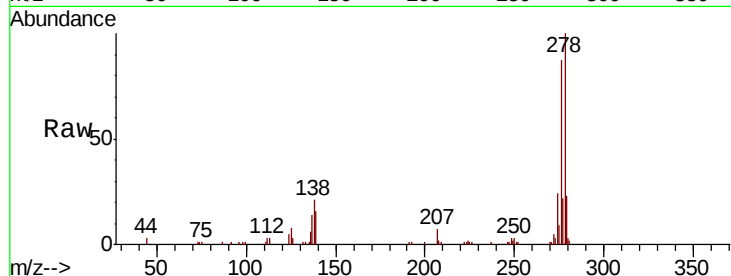




#91
Dibenzo(a,h)anthracene
Concen: 7.437 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 117833
Ion Ratio Lower Upper
278 100
139 16.1 12.6 19.0
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 7.435 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BF115865.D
Acq: 31 Jul 2019 14:52

Tgt Ion:276 Resp: 115694
Ion Ratio Lower Upper
276 100
277 23.6 19.5 29.3
138 21.4 17.8 26.8

