

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115861.D
 Acq On : 31 Jul 2019 13:05
 Operator : HP/JU
 Sample : PB121731BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 18:23:34 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	143810	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	575744	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	302651	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	522072	20.00	ng	0.00
76) Chrysene-d12	14.02	240	402767	20.00	ng	0.00
87) Perylene-d12	15.49	264	403987	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	970140	112.93	ng	0.02
7) Phenol-d6	6.49	99	1238098	114.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	806074	80.82	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	343403	117.03	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1384653	85.69	ng	0.00
79) Terphenyl-d14	12.96	244	1521241	79.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	182174	41.977	ng	99
3) Pyridine	3.46	79	464531	38.318	ng	100
4) n-Nitrosodimethylamine	3.41	42	207407	43.353	ng	98
6) Aniline	6.52	93	510620	32.897	ng	99
8) 2-Chlorophenol	6.64	128	425142	44.755	ng	99
9) Benzaldehyde	6.40	77	245837	32.873	ng	99
10) Phenol	6.50	94	547590	42.903	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	402791	42.924	ng	98
12) 1,3-Dichlorobenzene	6.79	146	464782	42.336	ng	98
13) 1,4-Dichlorobenzene	6.87	146	469202	42.685	ng	99
14) 1,2-Dichlorobenzene	7.02	146	433526	42.832	ng	97
15) Benzyl Alcohol	6.99	79	364679	44.337	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	533496	41.681	ng	99
17) 2-Methylphenol	7.10	107	354170	44.032	ng	99
18) Hexachloroethane	7.36	117	170051	42.018	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	287038	42.737	ng	97
20) 3+4-Methylphenols	7.26	107	421377	44.269	ng	91
22) Acetophenone	7.26	105	571846	45.288	ng	# 99
24) Nitrobenzene	7.43	77	467309	43.390	ng	97
25) Isophorone	7.67	82	840736	44.082	ng	99
26) 2-Nitrophenol	7.75	139	228611	45.031	ng	98
27) 2,4-Dimethylphenol	7.79	122	373246	48.868	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	500281	42.320	ng	100
29) 2,4-Dichlorophenol	7.99	162	357947	44.385	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	389622	42.383	ng	99
31) Naphthalene	8.16	128	1214184	44.815	ng	99
32) Benzoic acid	7.93	122	240379	44.639	ng	99
33) 4-Chloroaniline	8.20	127	279087	23.055	ng	99
34) Hexachlorobutadiene	8.27	225	219169	41.392	ng	99
35) Caprolactam	8.57	113	54220	20.788	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	373531	44.523	ng	98
37) 2-Methylnaphthalene	8.85	142	808368	45.304	ng	99
38) 1-Methylnaphthalene	8.95	142	754535	44.699	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	361923	44.731	ng	99

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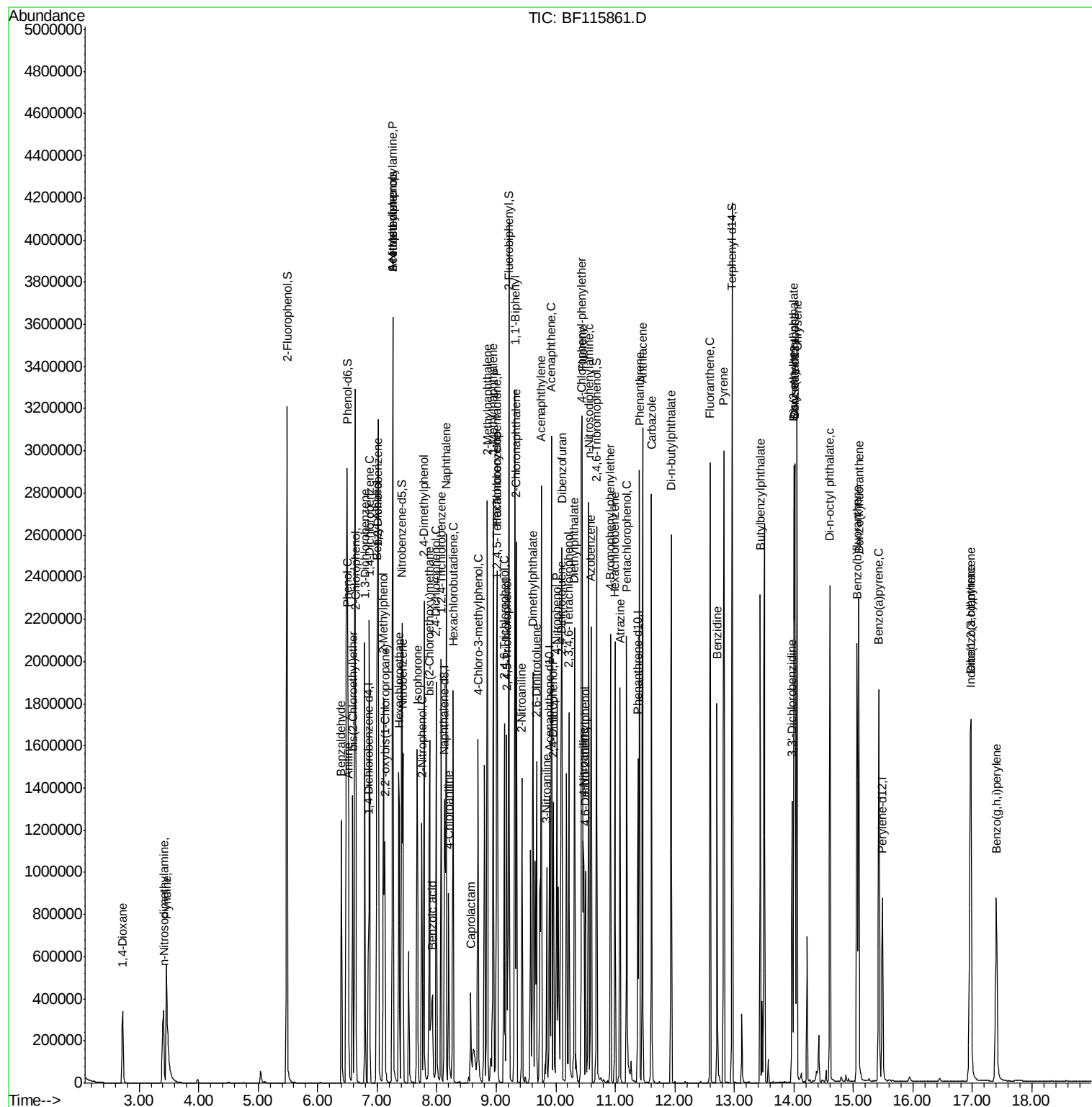
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	309124	84.726	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	235650	42.313	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	255832	44.439	ng	99
46) 1,1'-Biphenyl	9.32	154	954928	44.692	ng	99
47) 2-Chloronaphthalene	9.34	162	762074	42.852	ng	98
48) 2-Nitroaniline	9.43	65	239895	40.811	ng	88
49) Acenaphthylene	9.76	152	1176308	45.339	ng	99
50) Dimethylphthalate	9.62	163	856057	41.542	ng	100
51) 2,6-Dinitrotoluene	9.67	165	193614	43.234	ng #	85
52) Acenaphthene	9.93	154	701279	44.059	ng	100
53) 3-Nitroaniline	9.85	138	148620	26.858	ng	93
54) 2,4-Dinitrophenol	9.96	184	175593	77.375	ng #	89
55) Dibenzofuran	10.10	168	1048583	45.301	ng	100
56) 4-Nitrophenol	10.02	139	337609	95.242	ng	97
57) 2,4-Dinitrotoluene	10.09	165	261141	43.797	ng	95
58) Fluorene	10.45	166	792745	44.514	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	216405	44.681	ng	99
60) Diethylphthalate	10.32	149	806562	41.922	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	389804	43.219	ng	99
62) 4-Nitroaniline	10.47	138	224983	39.343	ng	95
63) Azobenzene	10.59	77	869148	43.921	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	127124	45.949	ng	98
66) n-Nitrosodiphenylamine	10.55	169	700310	44.566	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	238394	42.656	ng	98
68) Hexachlorobenzene	11.00	284	271948	42.081	ng	97
69) Atrazine	11.08	200	218510	42.269	ng	99
70) Pentachlorophenol	11.19	266	280545	89.416	ng	99
71) Phenanthrene	11.40	178	1168023	43.763	ng	100
72) Anthracene	11.46	178	1233132	45.653	ng	99
73) Carbazole	11.61	167	1094980	44.683	ng	100
74) Di-n-butylphthalate	11.94	149	1211792	42.390	ng	100
75) Fluoranthene	12.59	202	1247621	44.652	ng	97
77) Benzidine	12.71	184	680388	50.002	ng	98
78) Pyrene	12.83	202	1294771	42.646	ng	99
80) Butylbenzylphthalate	13.43	149	531455	41.381	ng	94
81) Benzo(a)anthracene	14.02	228	1104977	42.923	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	259787	29.047	ng #	98
83) Chrysene	14.05	228	1103079	44.136	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	702360	42.085	ng	100
85) Di-n-octyl phthalate	14.60	149	1178270	44.449	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	953140	45.406	ng	99
88) Benzo(b)fluoranthene	15.06	252	999725	42.798	ng	97
89) Benzo(k)fluoranthene	15.09	252	1014108	44.572	ng	99
90) Benzo(a)pyrene	15.43	252	951284	45.557	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	799525	44.234	ng	99
92) Benzo(g,h,i)perylene	17.40	276	790316	44.522	ng	98

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

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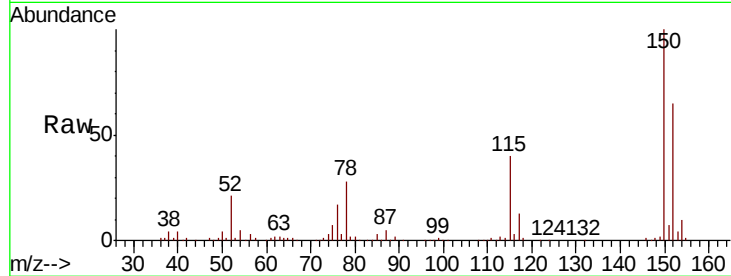


#1

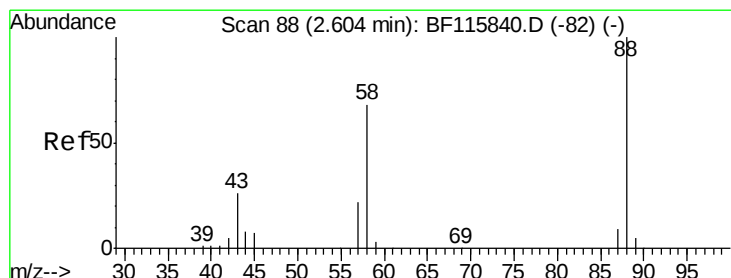
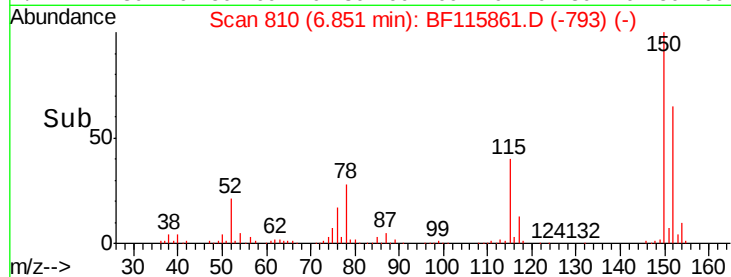
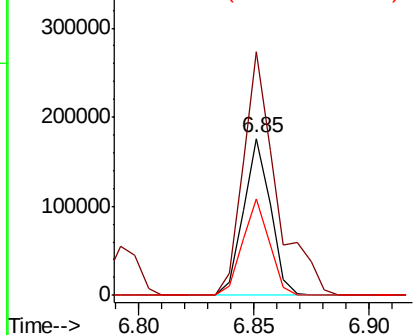
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143810
Ion Ratio Lower Upper
152 100
150 154.9 127.4 191.0
115 61.4 51.8 77.8



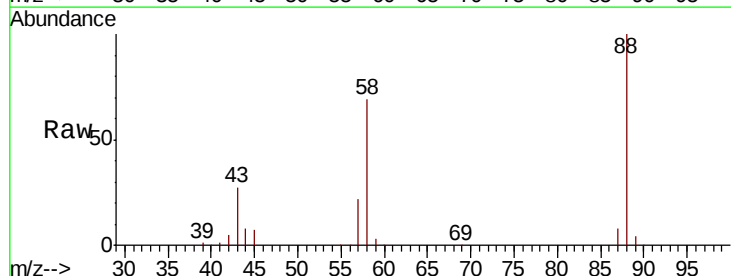
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



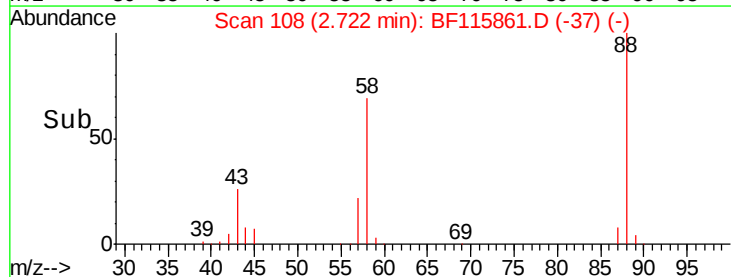
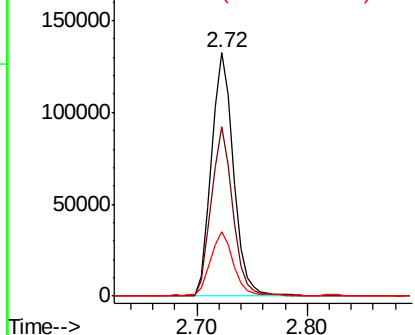
#2

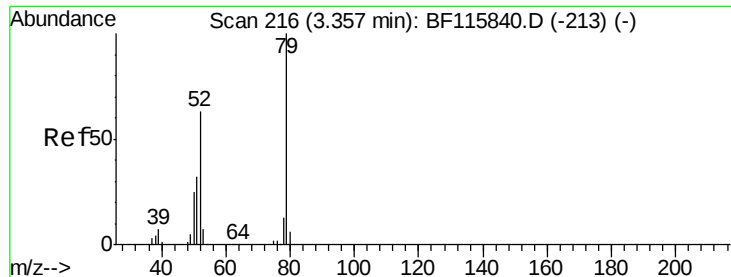
1,4-Dioxane
Concen: 41.977 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.12 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion: 88 Resp: 182174
Ion Ratio Lower Upper
88 100
58 67.9 54.1 81.1
43 26.8 20.7 31.1



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





#3

Pvridine

Concen: 38.318 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.10 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

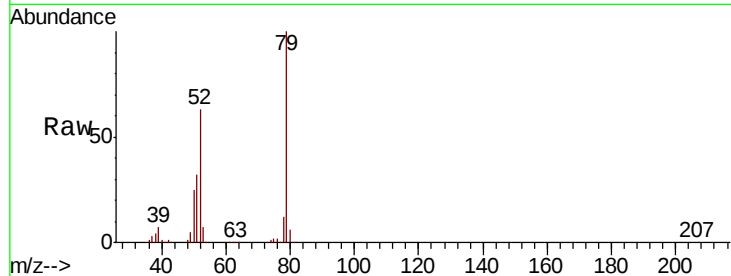
Tot Ion: 79 Resp: 464531

Ion Ratio Lower Upper

79 100

52 62.8 50.2 75.4

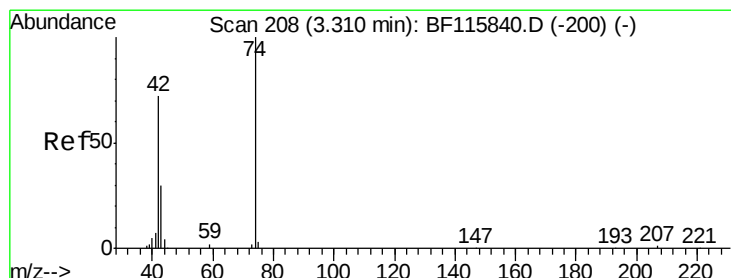
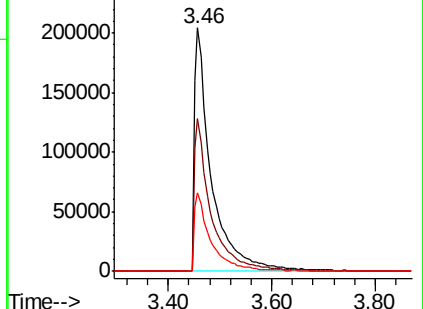
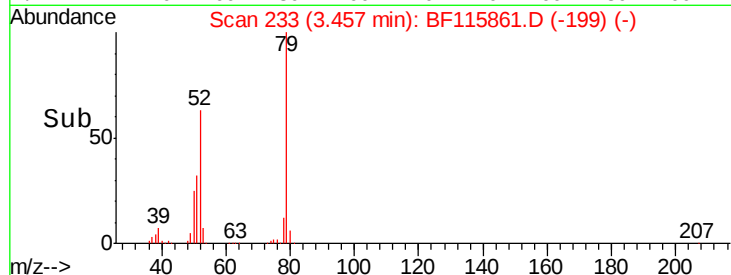
51 32.2 25.8 38.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.353 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.10 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

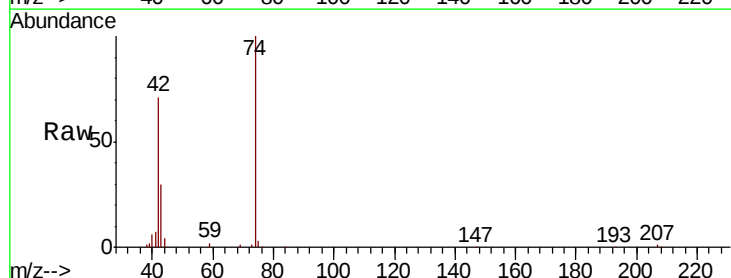
Tgt Ion: 42 Resp: 207407

Ion Ratio Lower Upper

42 100

74 141.0 111.0 166.4

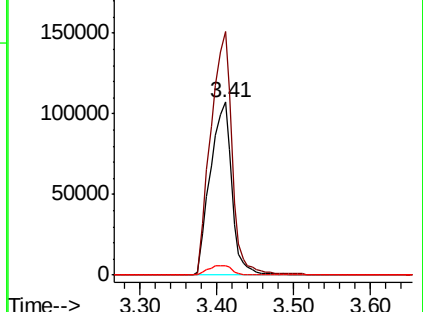
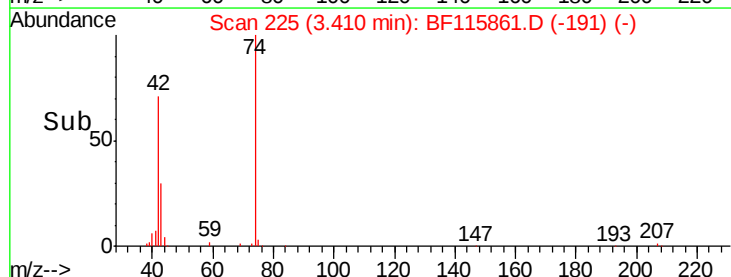
44 5.7 4.7 7.1

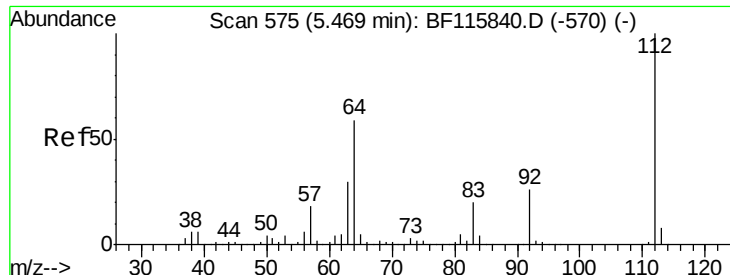


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.932 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

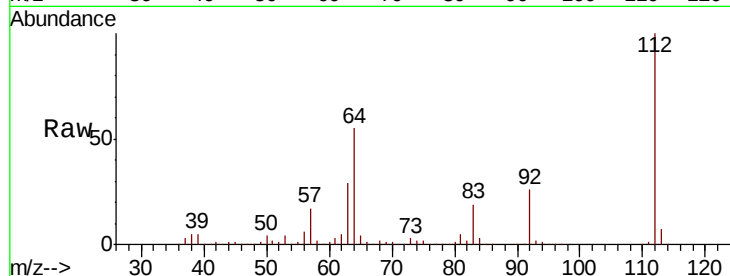
Tot Ion:112 Resp: 970140

Ion Ratio Lower Upper

112 100

64 55.0 46.8 70.2

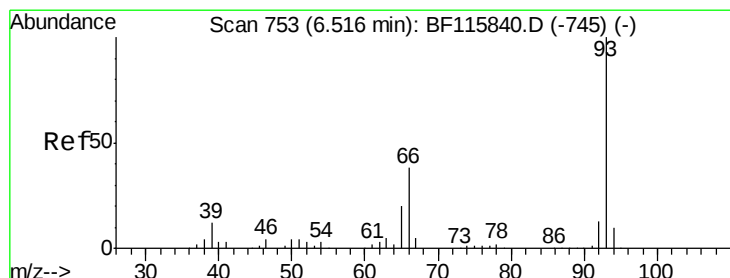
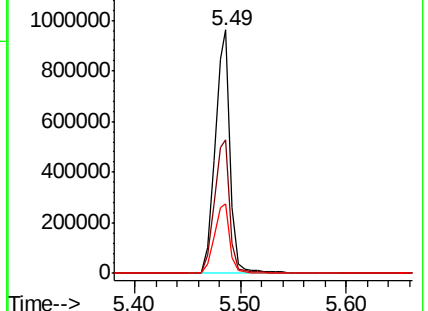
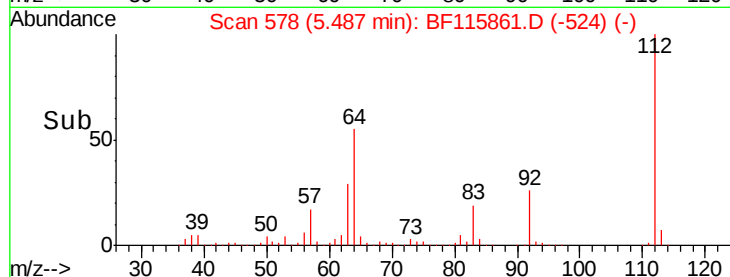
63 28.8 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.897 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

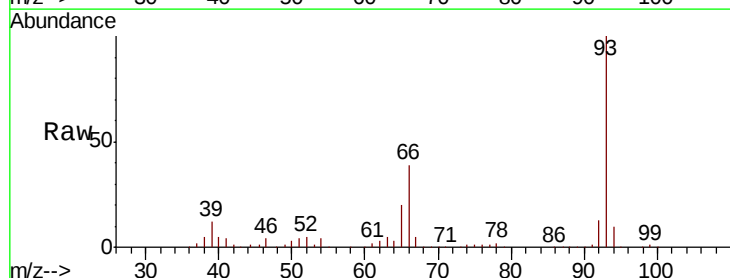
Tgt Ion: 93 Resp: 510620

Ion Ratio Lower Upper

93 100

66 38.7 31.4 47.0

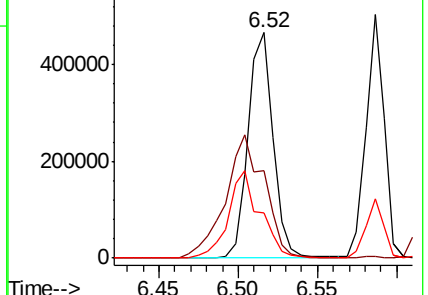
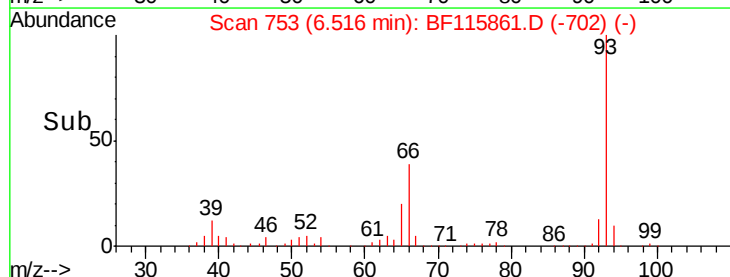
65 20.1 16.5 24.7



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: 114.232 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

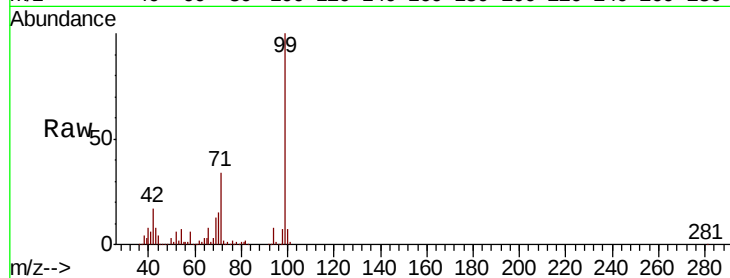
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1238098

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	34.0	27.1	40.7

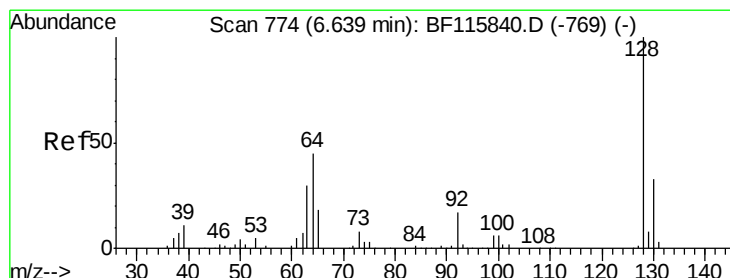
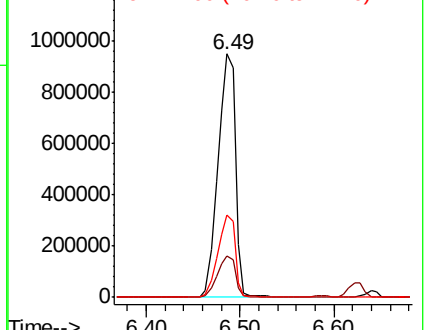
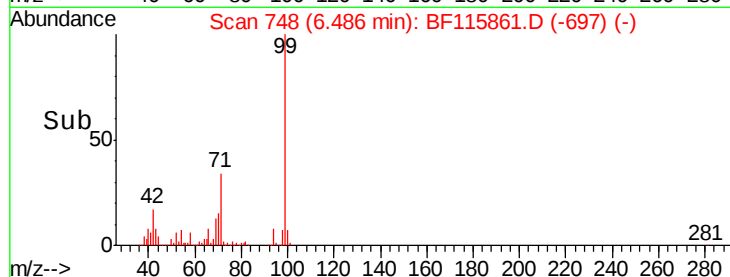


Abundance

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: 44.755 ng

RT: 6.64 min Scan# 774

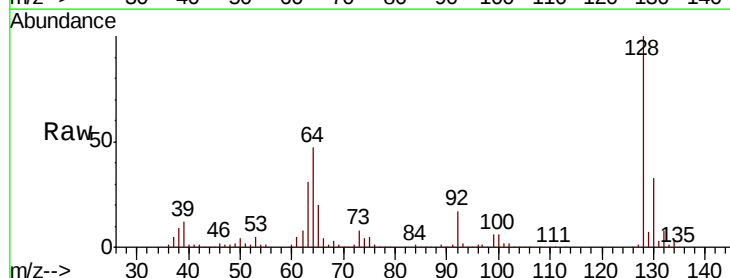
Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Tgt Ion: 128 Resp: 425142

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.9	52.9
64	47.2	26.1	66.1

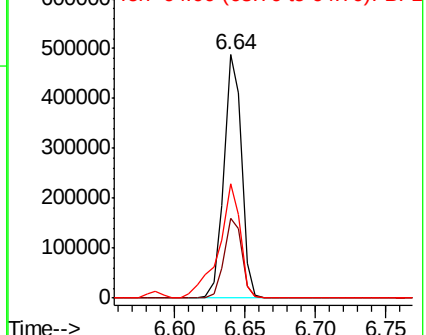
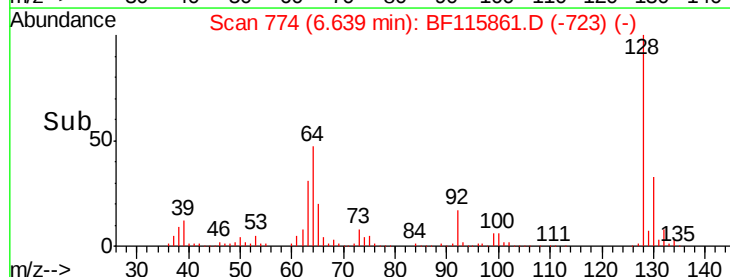


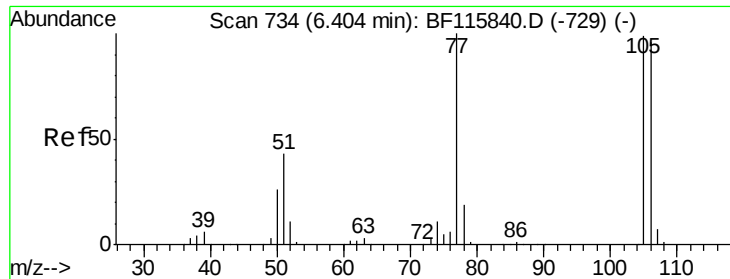
Abundance

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: 32.873 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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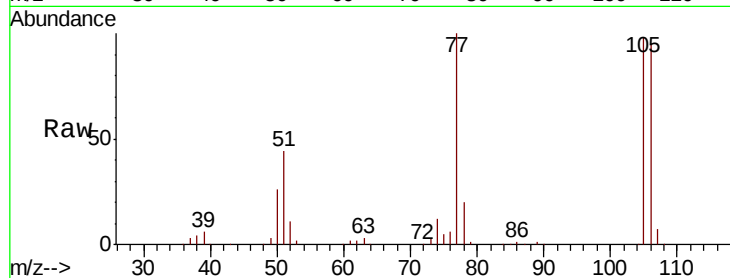
Tot Ion: 77 Resp: 245837

Ion Ratio Lower Upper

77 100

105 97.5 79.0 119.0

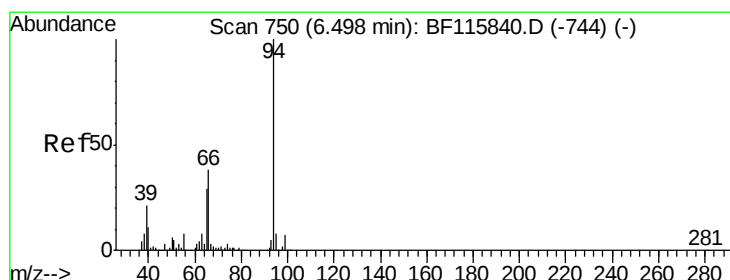
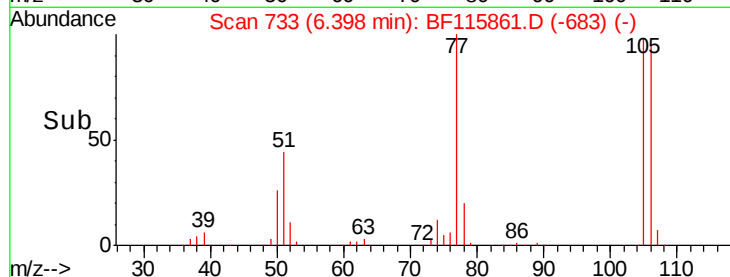
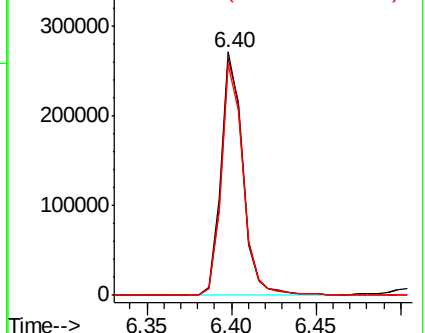
106 95.0 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.903 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

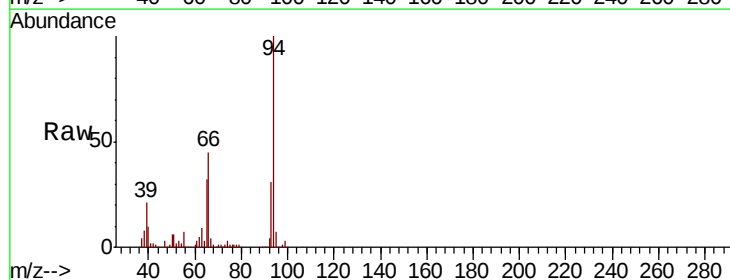
Tgt Ion: 94 Resp: 547590

Ion Ratio Lower Upper

94 100

65 32.1 8.9 48.9

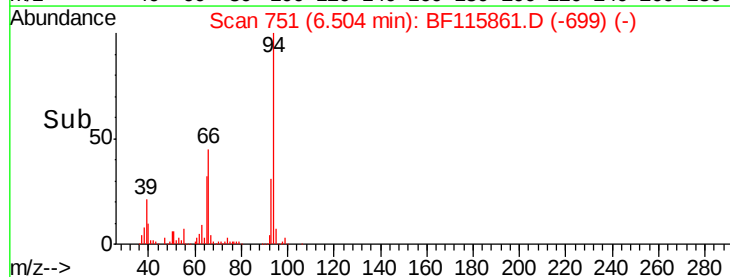
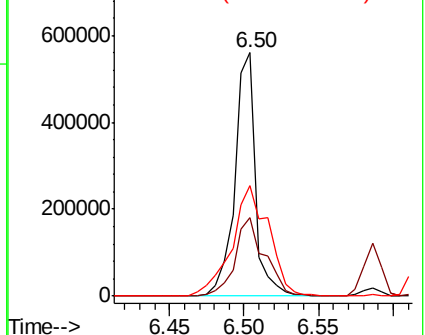
66 45.2 18.0 58.0

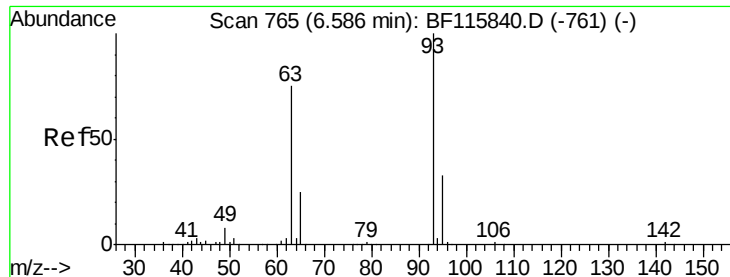


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

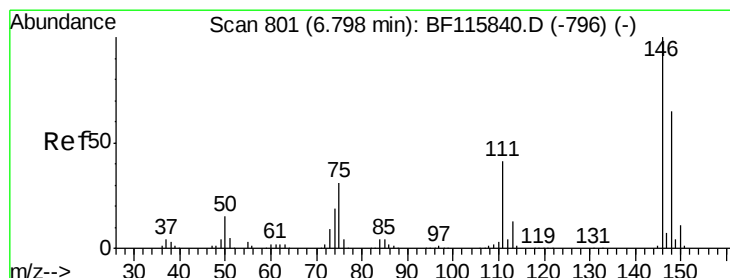
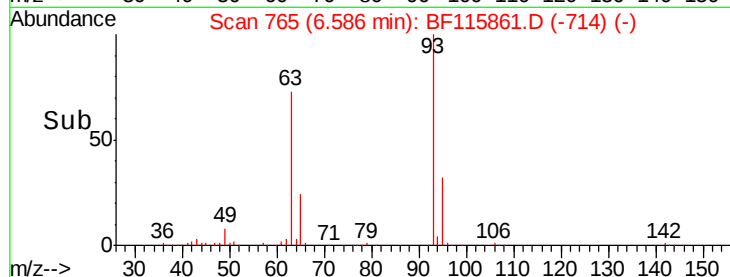
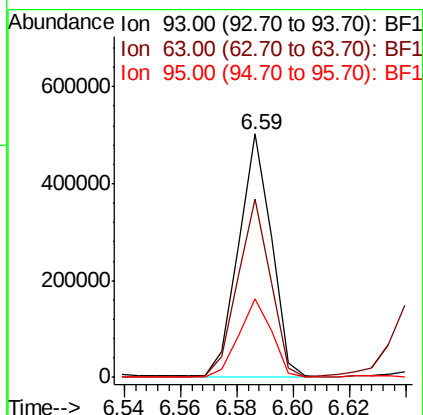
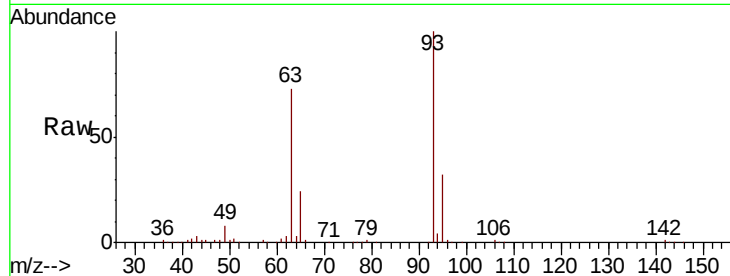




#11
bis(2-Chloroethyl)ether
Concen: 42.924 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

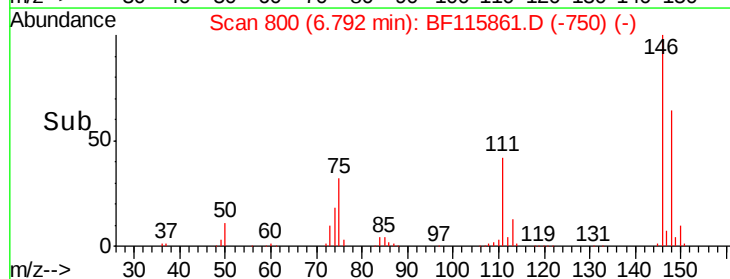
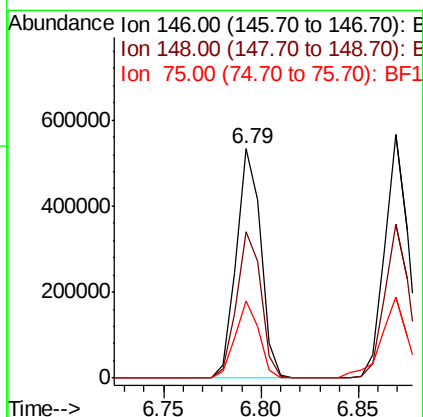
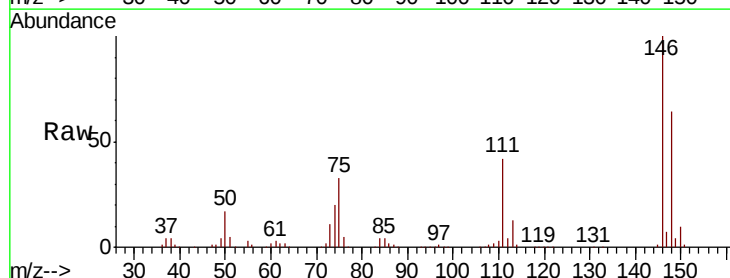
Instrument :
BNA_F
ClientSampleId :

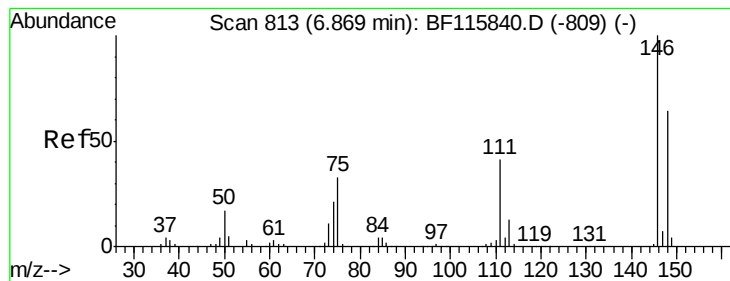
Tot Ion: 93 Resp: 402791
Ion Ratio Lower Upper
93 100
63 73.2 54.9 94.9
95 32.5 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 42.336 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion: 146 Resp: 464782
Ion Ratio Lower Upper
146 100
148 63.9 52.1 78.1
75 33.4 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 42.685 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

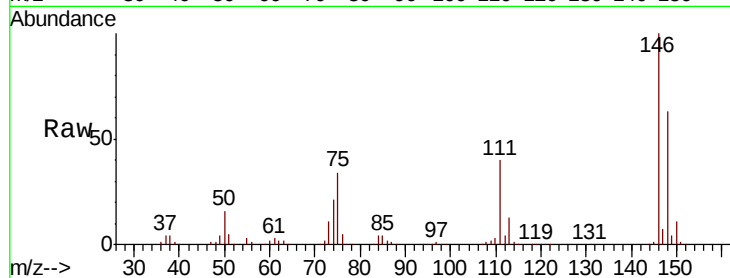
Tot Ion:146 Resp: 469202

Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

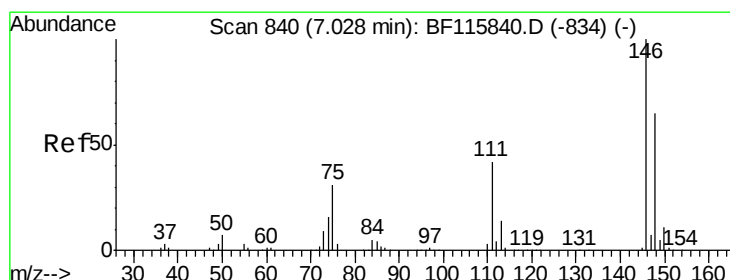
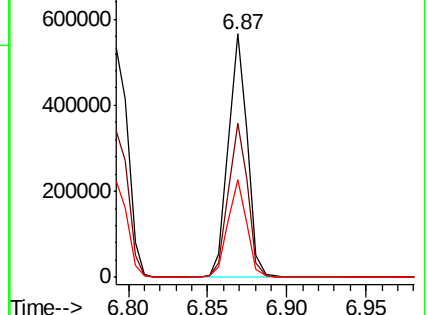
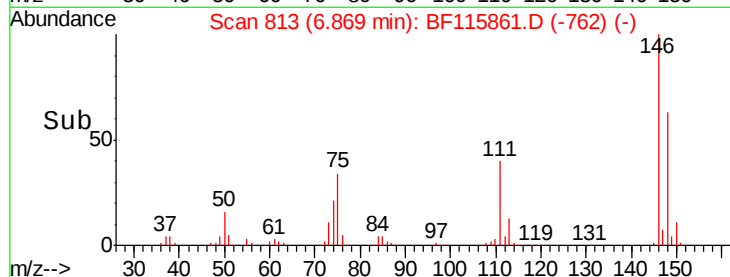
111 40.2 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.832 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

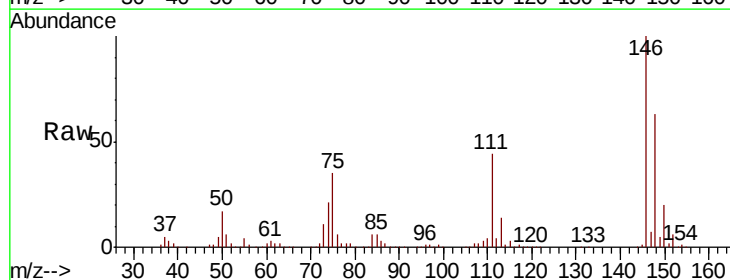
Tgt Ion:146 Resp: 433526

Ion Ratio Lower Upper

146 100

148 63.0 51.6 77.4

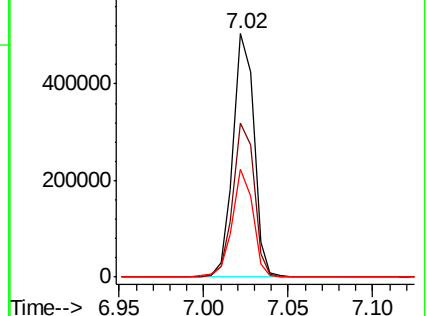
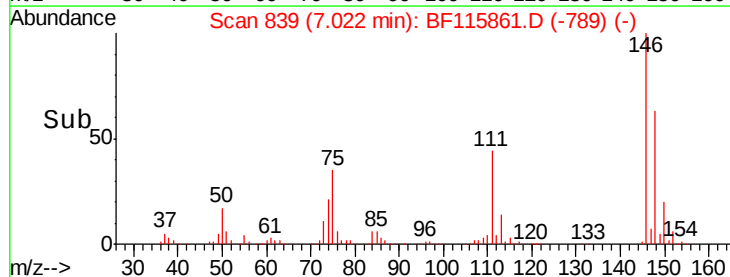
111 44.4 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.337 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

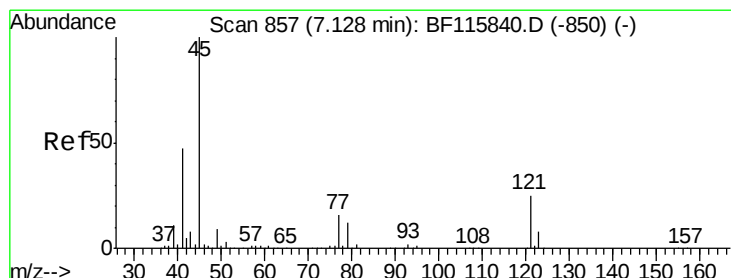
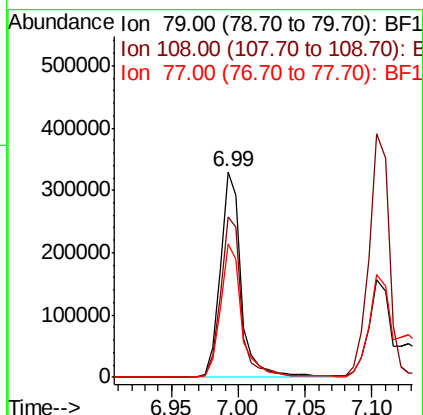
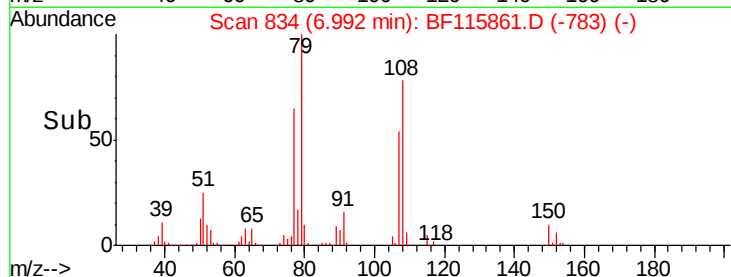
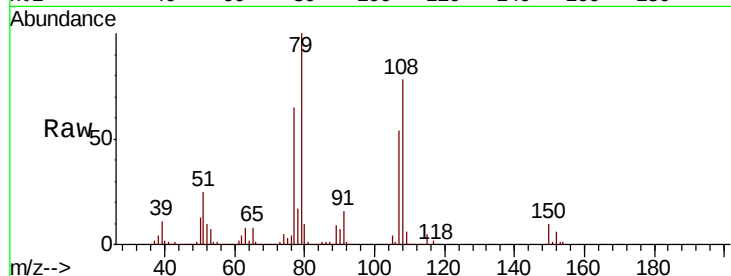
Tot Ion: 79 Resp: 364679

Ion Ratio Lower Upper

79 100

108 78.3 62.8 94.2

77 64.7 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.681 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

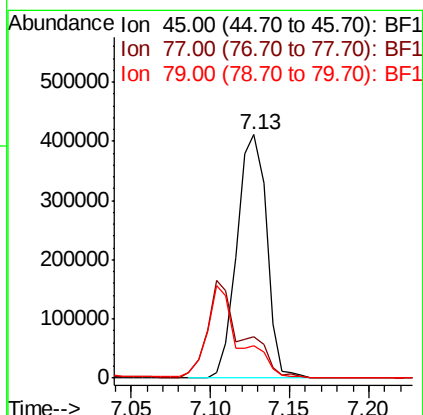
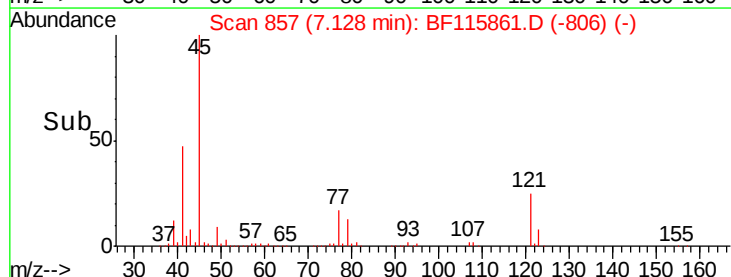
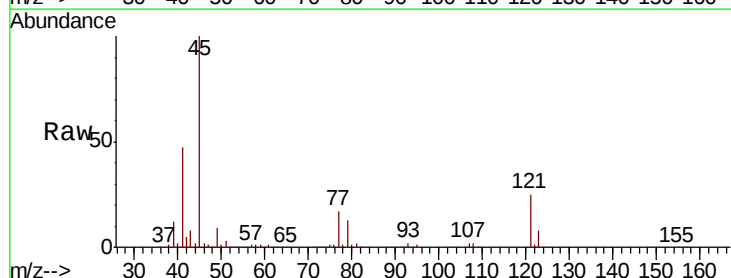
Tgt Ion: 45 Resp: 533496

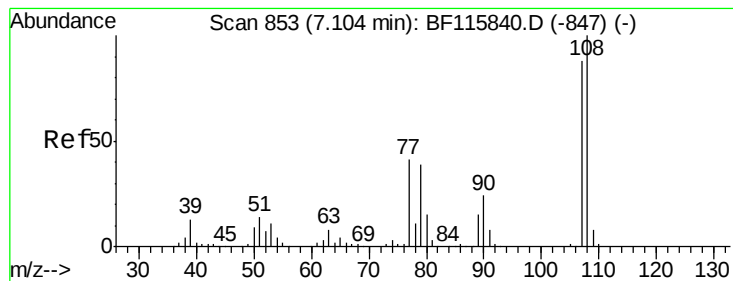
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.3

79 13.1 0.0 32.5

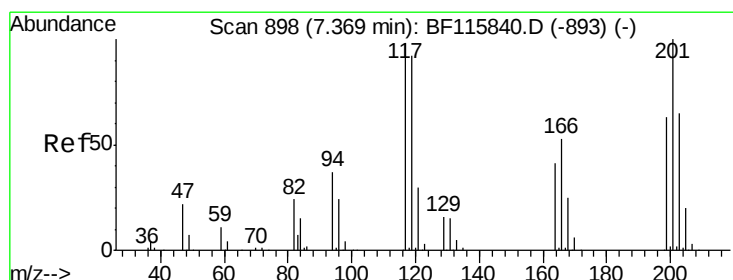
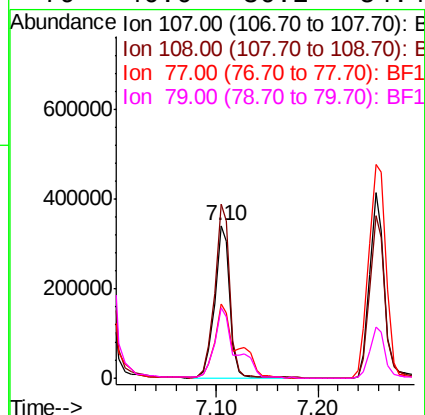
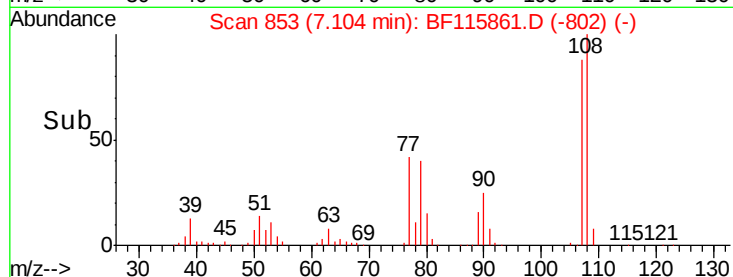
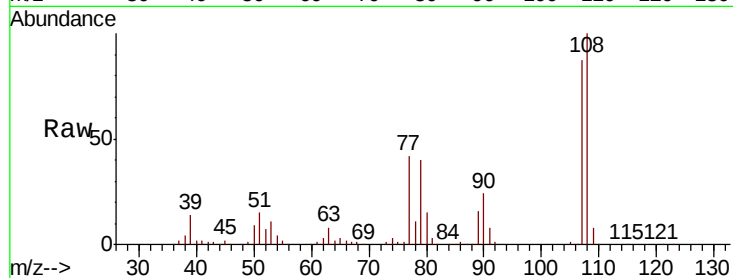




#17
2-Methylphenol
Concen: 44.032 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

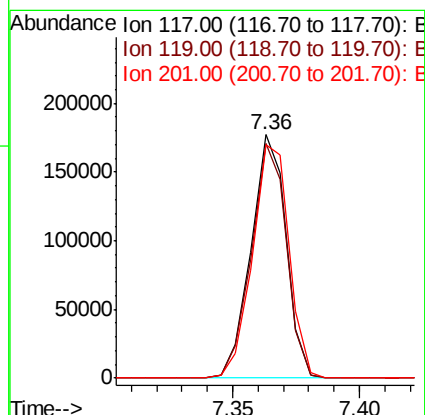
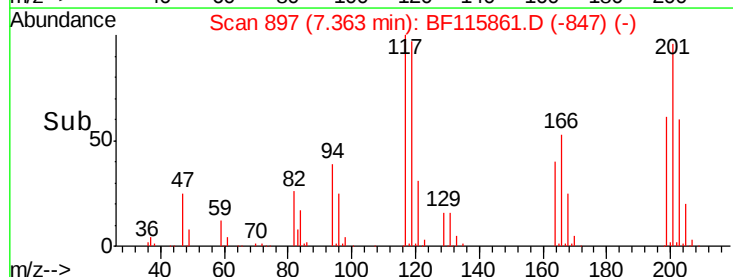
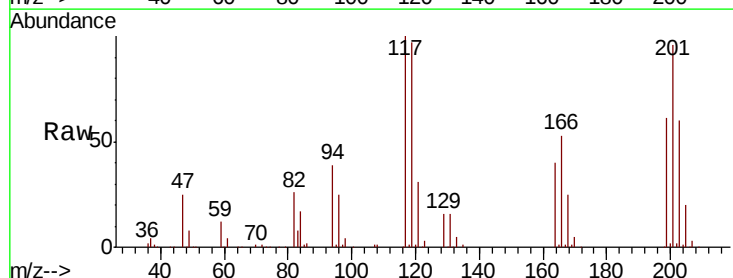
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.4	137.0
77	48.3	37.6	56.4
79	46.0	36.2	54.4



#18
Hexachloroethane
Concen: 42.018 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.6
201	96.0	82.0	123.0

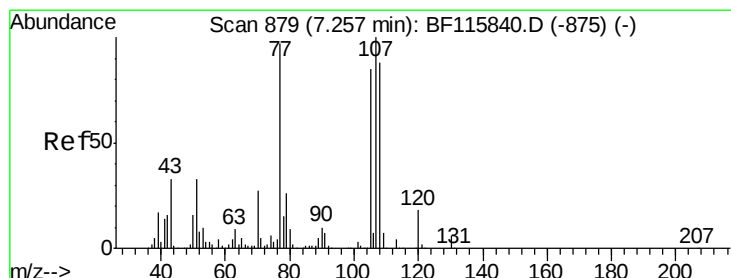
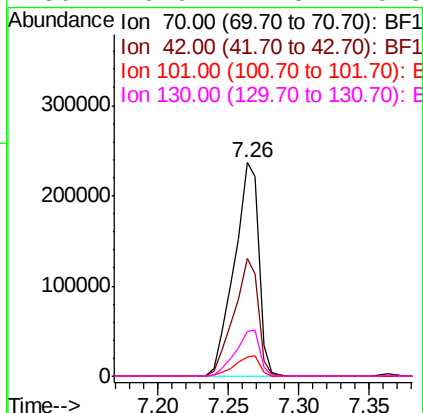
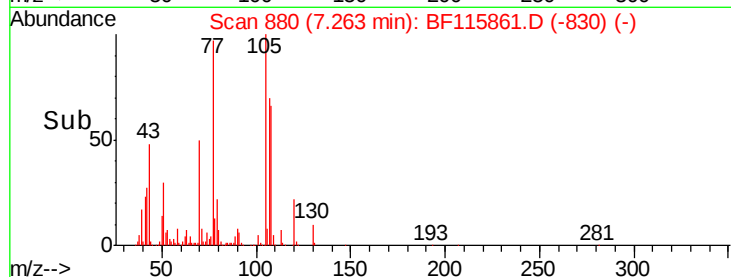
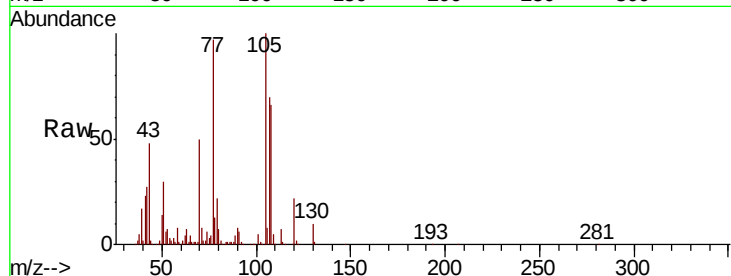




#19
n-Nitroso-di-n-propylamine
Concen: 42.737 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

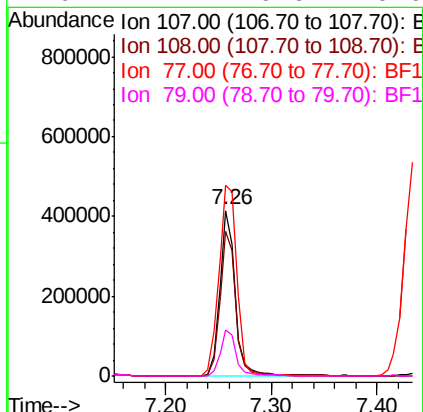
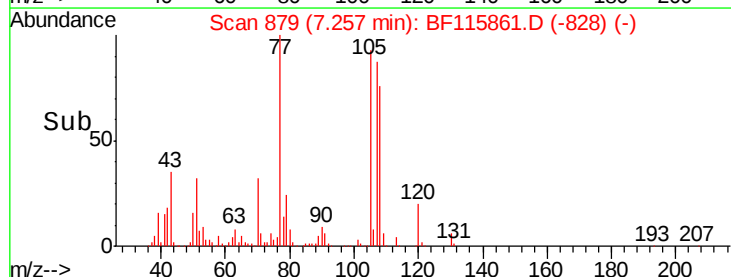
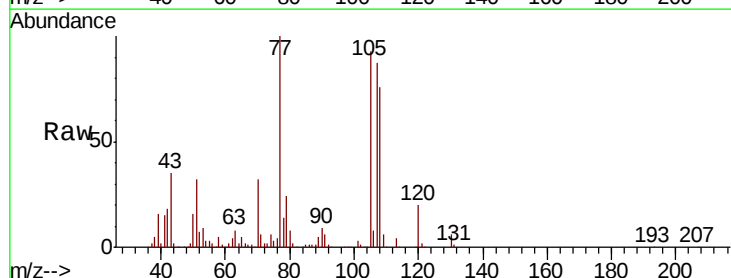
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 287038
Ion Ratio Lower Upper
70 100
42 55.1 41.8 62.8
101 9.1 7.7 11.5
130 20.9 17.8 26.6



#20
3+4-Methylphenols
Concen: 44.269 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion:107 Resp: 421377
Ion Ratio Lower Upper
107 100
108 87.9 67.9 107.9
77 115.4 77.3 117.3
79 27.7 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: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 575744

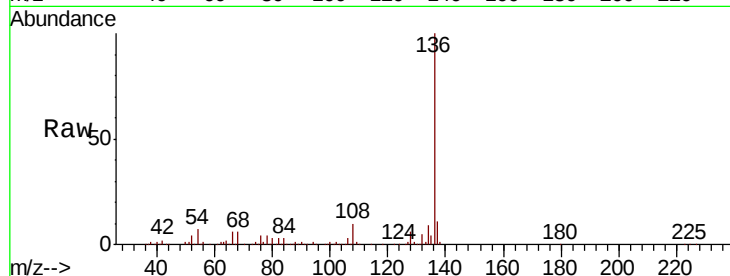
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.1 6.1 9.1

68 6.3 5.4 8.2

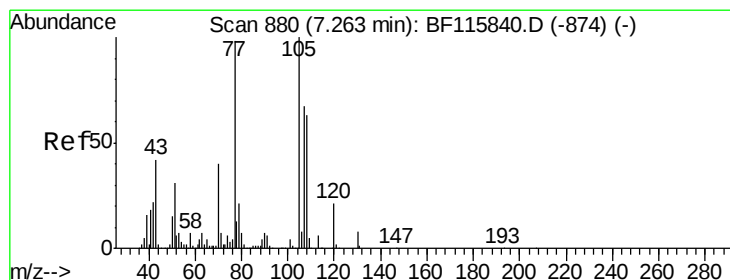
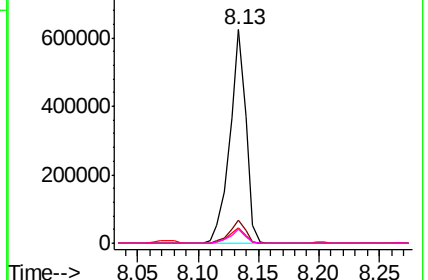
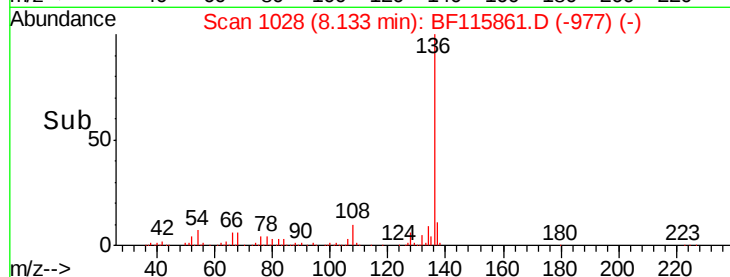


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.288 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Tgt Ion:105 Resp: 571846

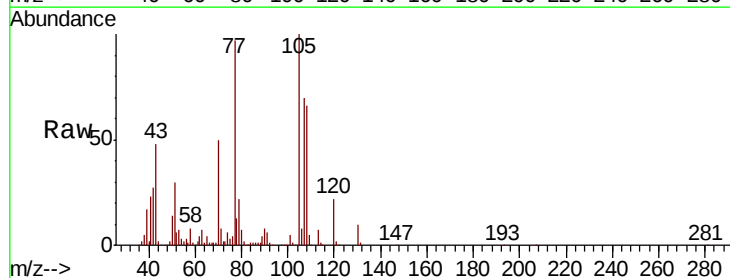
Ion Ratio Lower Upper

105 100

71 8.3 5.4 8.0#

51 30.3 24.6 36.8

120 21.9 17.0 25.6

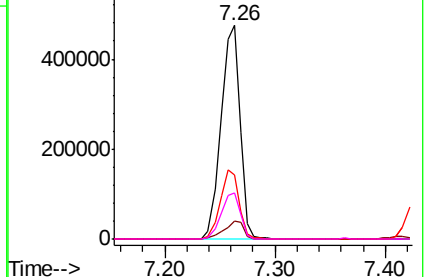
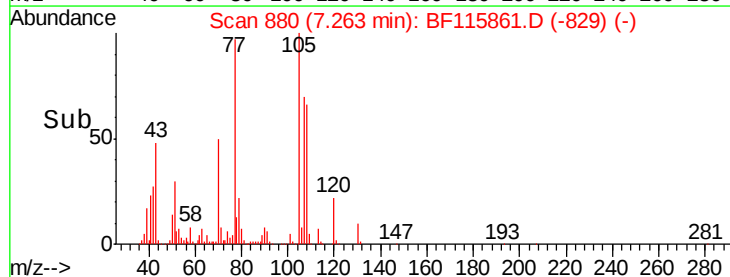


Abundance Ion 105.00 (104.70 to 105.70): E

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

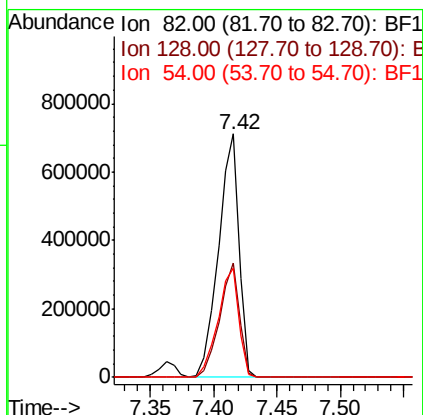
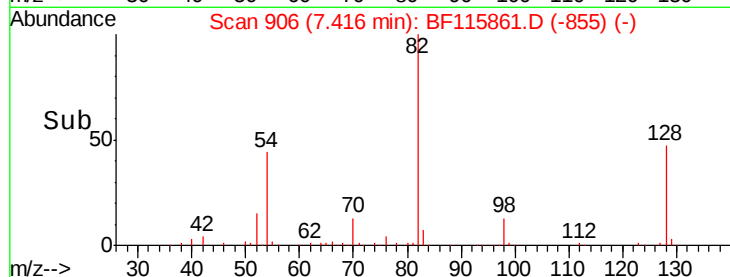
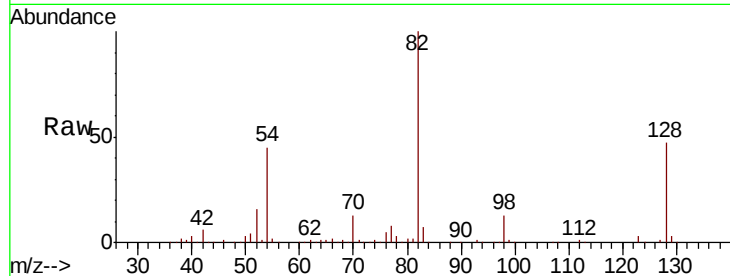




#23
Nitrobenzene-d5
Concen: 80.816 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

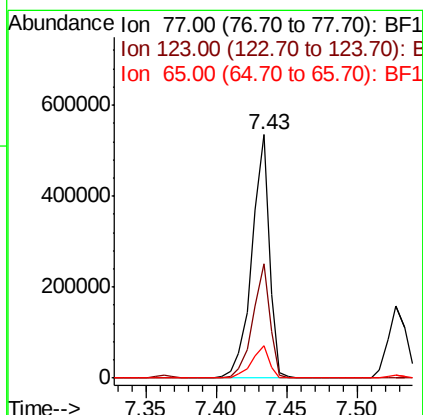
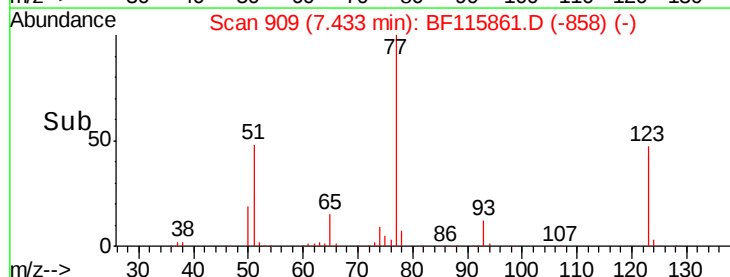
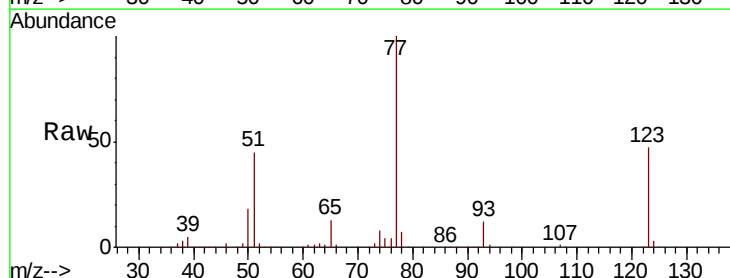
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 806074
Ion Ratio Lower Upper
82 100
128 46.9 36.6 55.0
54 44.6 36.6 55.0



#24
Nitrobenzene
Concen: 43.390 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion: 77 Resp: 467309
Ion Ratio Lower Upper
77 100
123 47.0 35.5 53.3
65 13.3 10.6 15.8

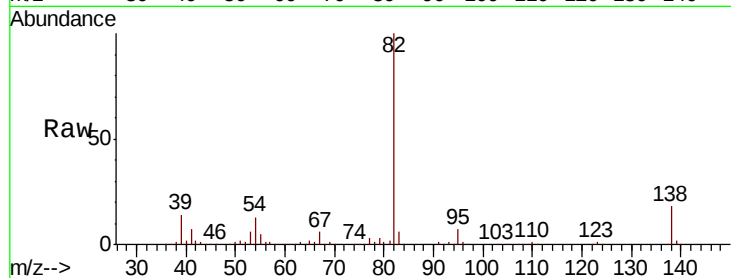




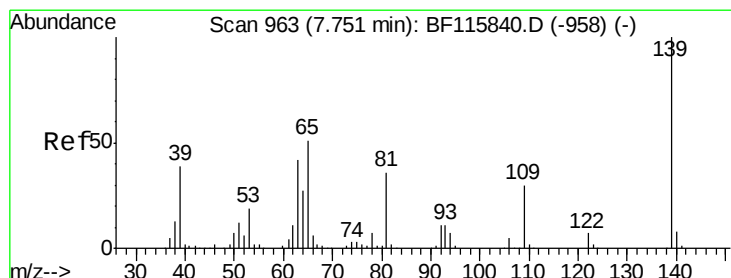
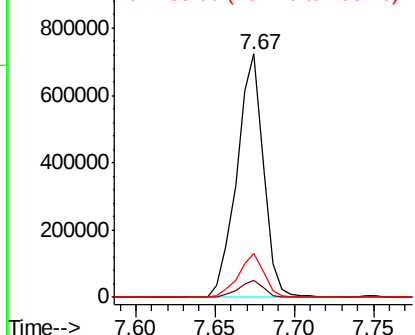
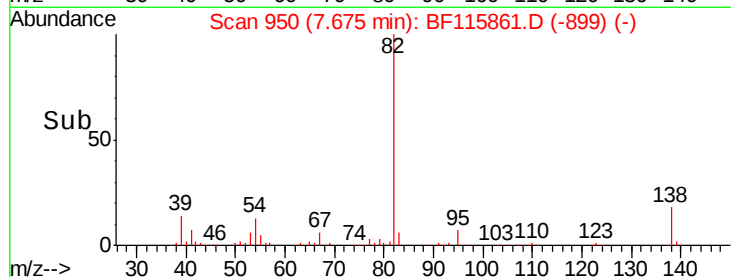
#25
Isophorone
Concen: 44.082 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 840736
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.1 13.9 20.9

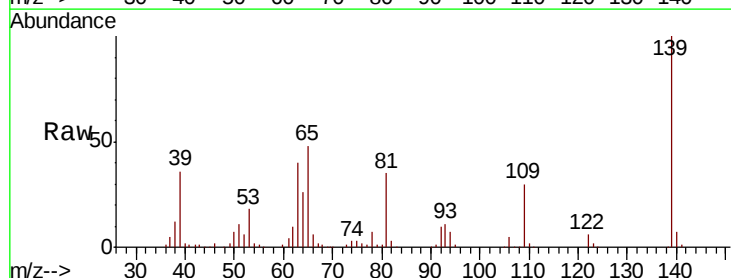


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

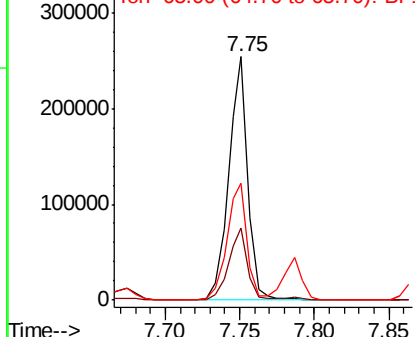
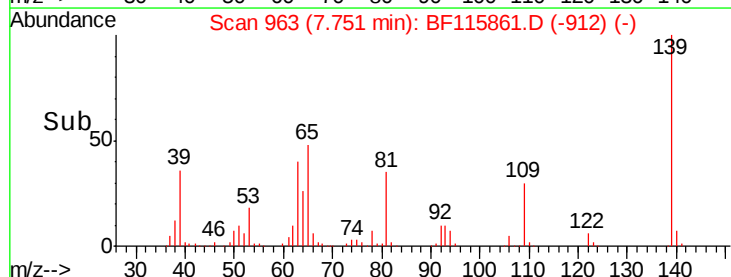


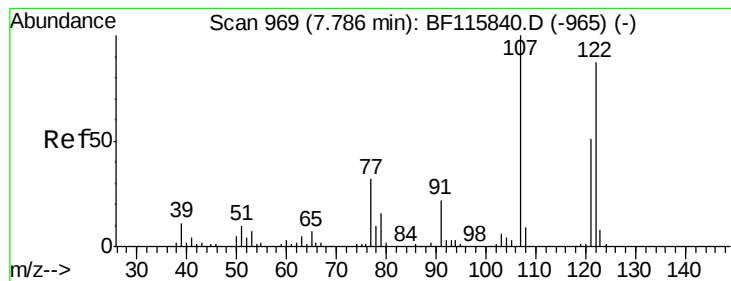
#26
2-Nitrophenol
Concen: 45.031 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion: 139 Resp: 228611
Ion Ratio Lower Upper
139 100
109 29.6 23.6 35.4
65 48.3 40.6 60.8



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

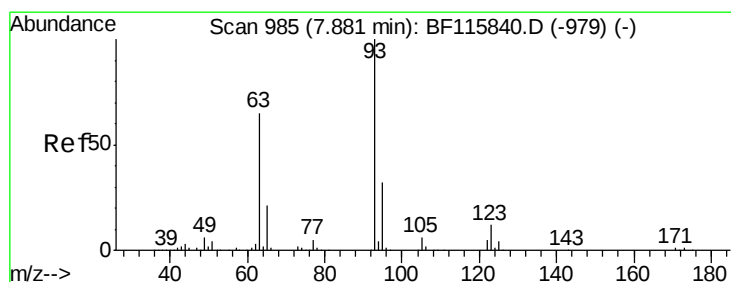
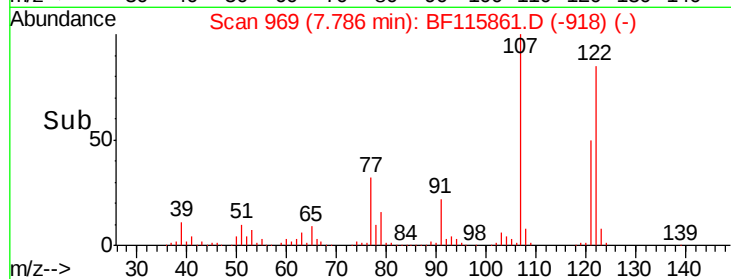
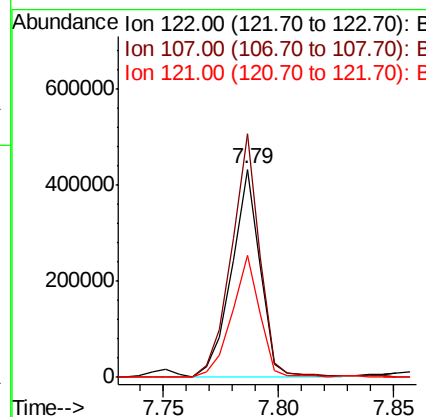
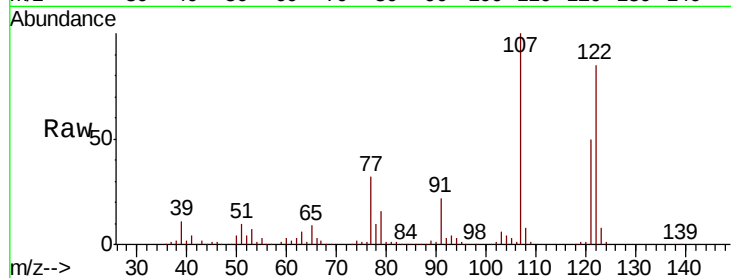




#27
 2,4-Dimethylphenol
 Concen: 48.868 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

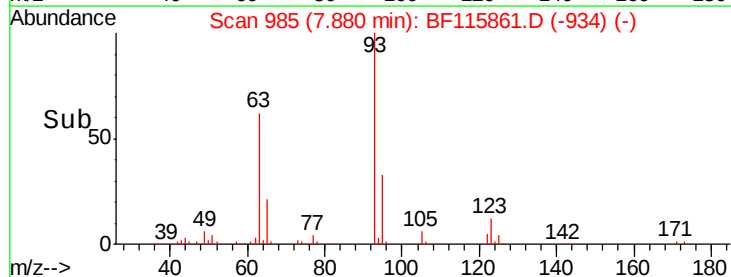
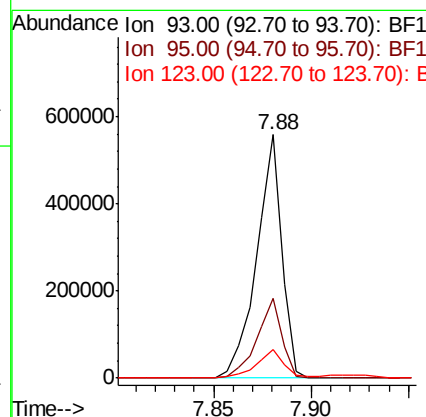
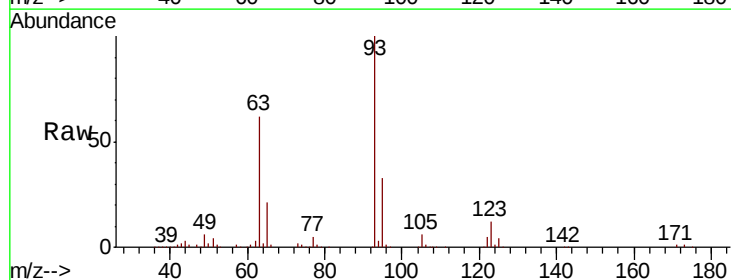
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 373246
 Ion Ratio Lower Upper
 122 100
 107 117.2 91.7 137.5
 121 58.5 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.320 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

Tgt Ion: 93 Resp: 500281
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 11.7 9.5 14.3

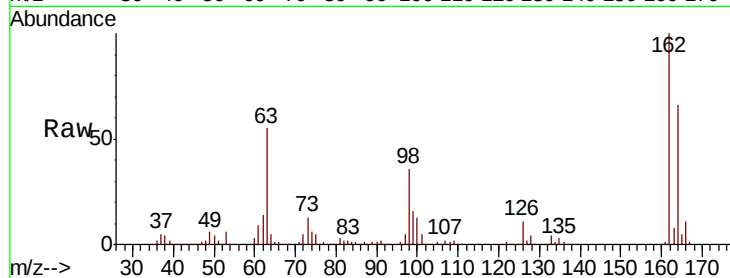




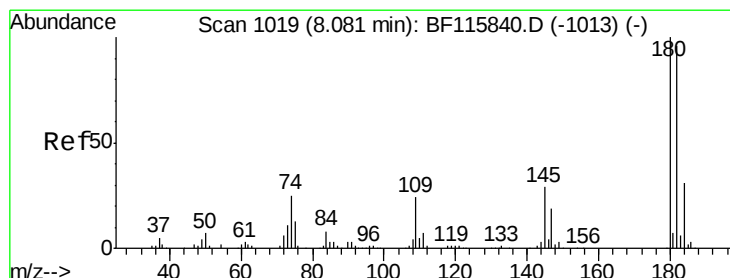
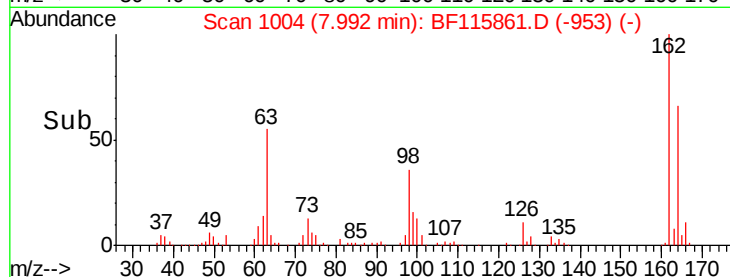
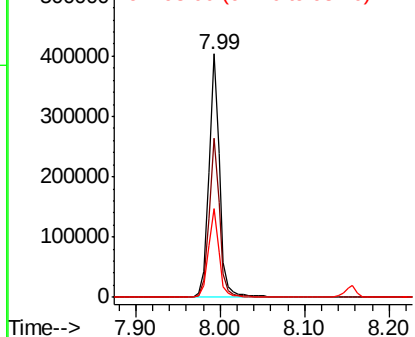
#29
2,4-Dichlorophenol
Concen: 44.385 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	43.2	83.2
98	36.4	17.3	57.3

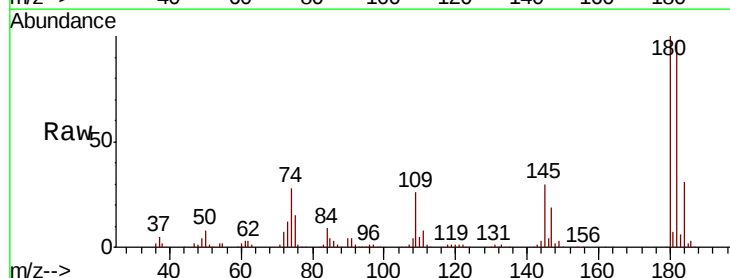


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

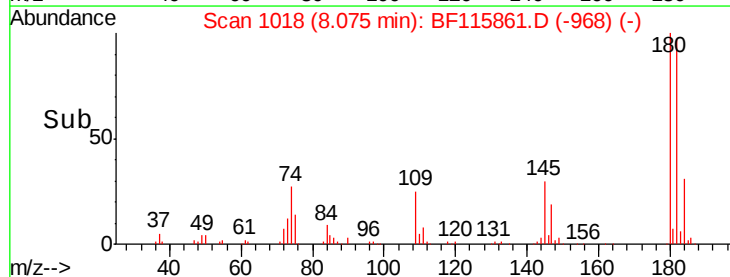
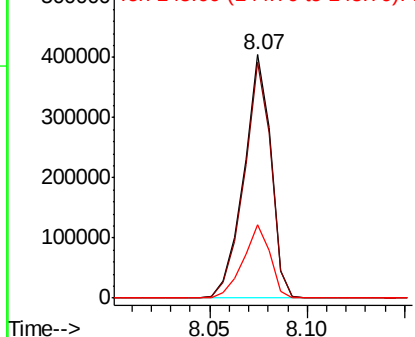


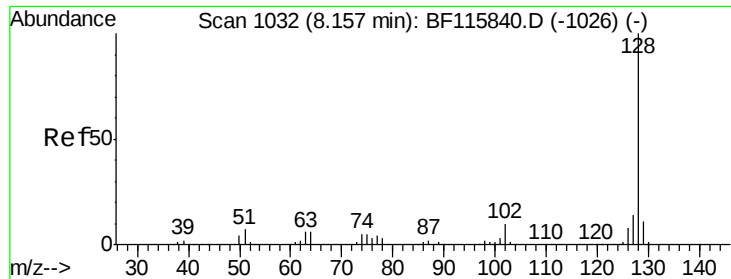
#30
1,2,4-Trichlorobenzene
Concen: 42.383 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.6	114.8
145	30.2	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: 44.815 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

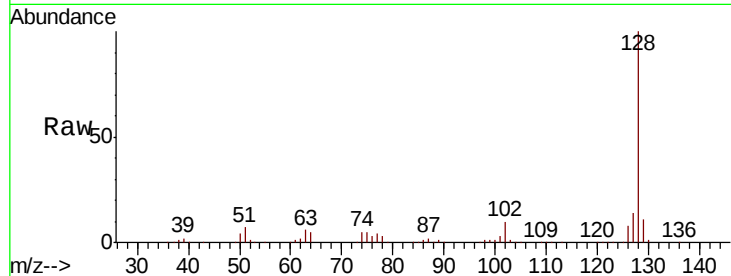
Tot Ion:128 Resp: 1214184

Ion Ratio Lower Upper

128 100

129 11.2 9.2 13.8

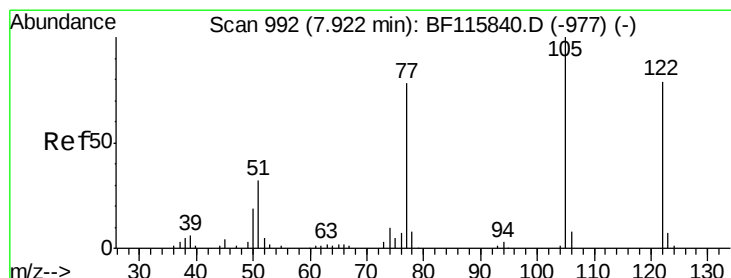
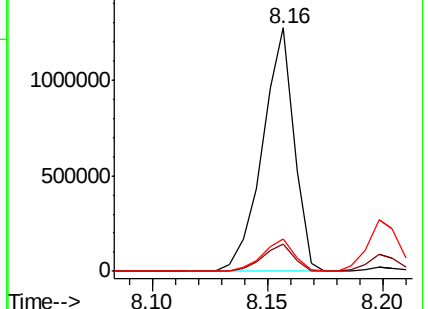
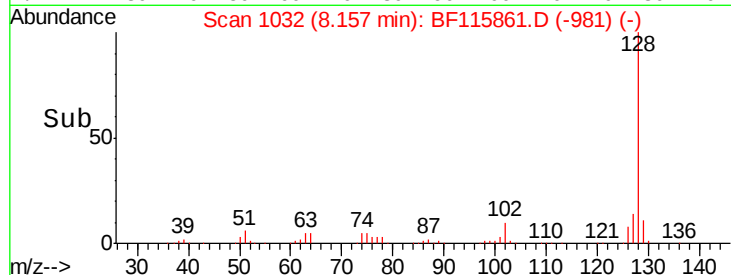
127 13.6 11.0 16.4



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: 44.639 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

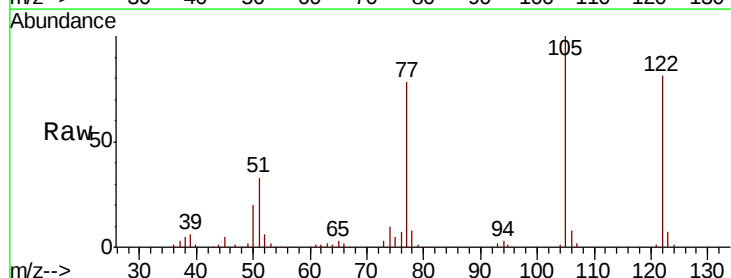
Tgt Ion:122 Resp: 240379

Ion Ratio Lower Upper

122 100

105 124.0 103.1 143.1

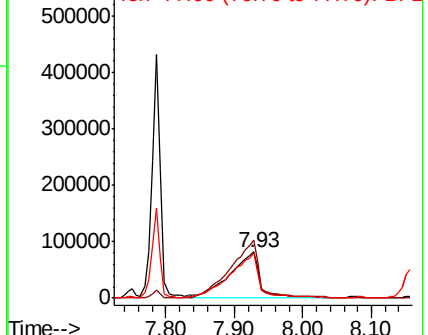
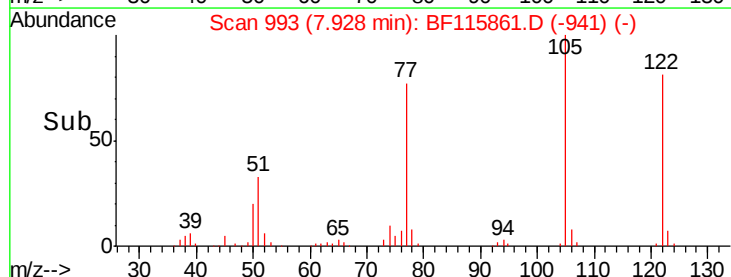
77 96.7 76.8 116.8



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

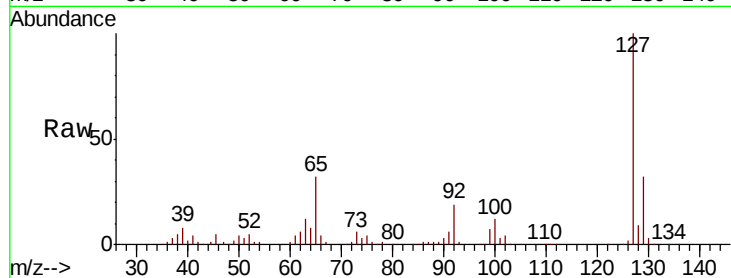




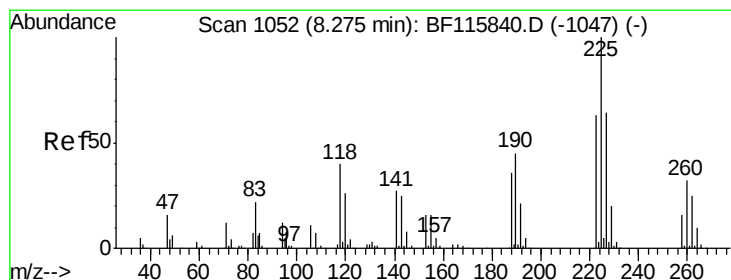
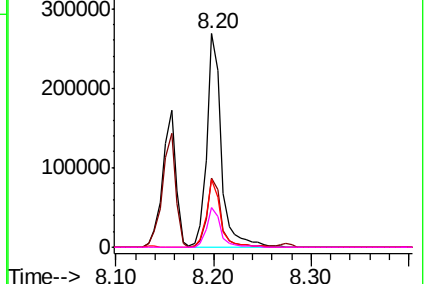
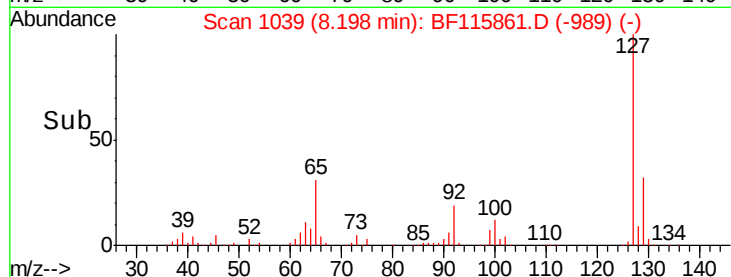
#33
4-Chloroaniline
Concen: 23.055 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	279087
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.0 39.0
65	31.6	23.9 35.9
92	18.8	14.9 22.3

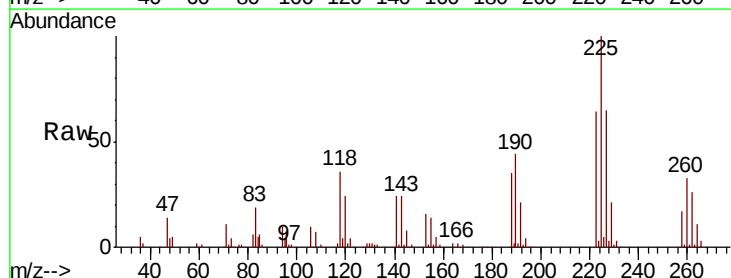


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

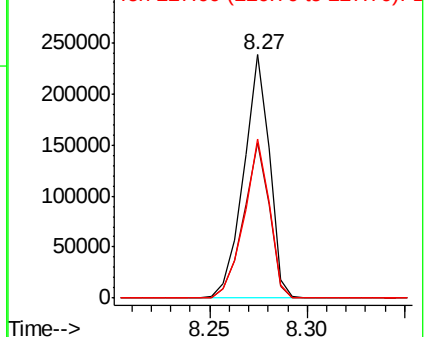
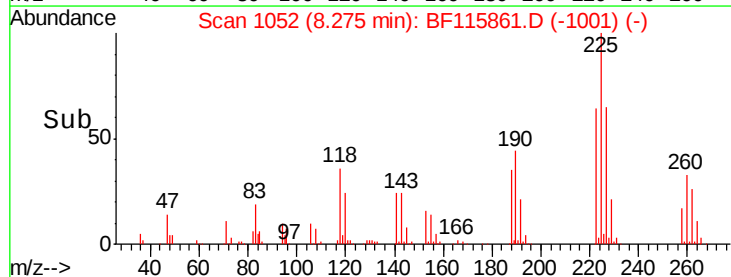


#34
Hexachlorobutadiene
Concen: 41.392 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion:225	Resp:	219169
Ion Ratio	Lower	Upper
225	100	
223	63.6	50.4 75.6
227	65.1	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

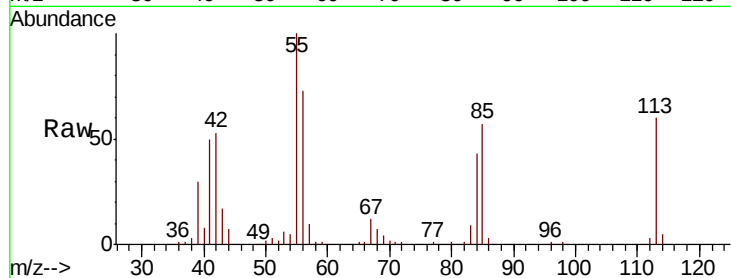




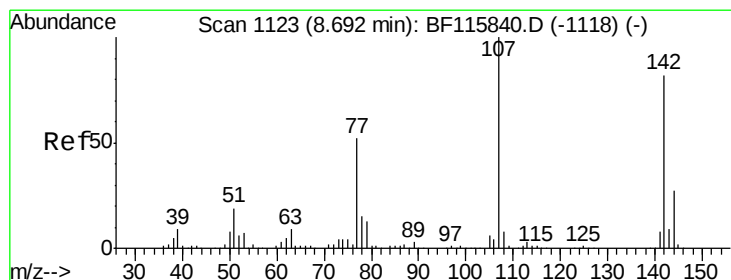
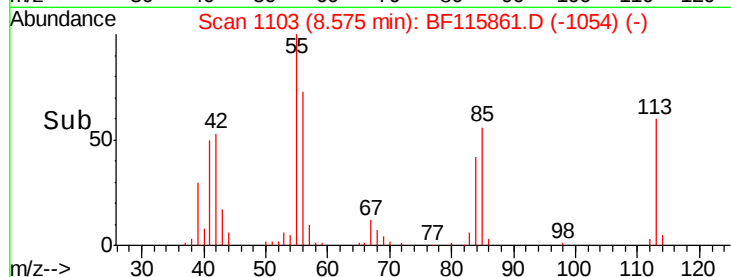
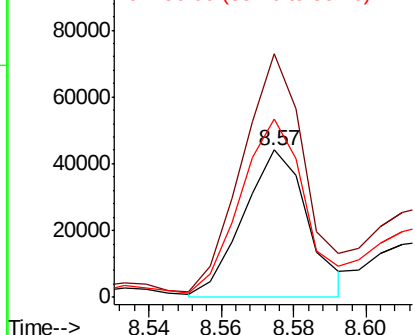
#35
Caprolactam
Concen: 20.788 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 54220
Ion Ratio Lower Upper
113 100
55 165.4 138.1 178.1
56 121.5 100.6 140.6

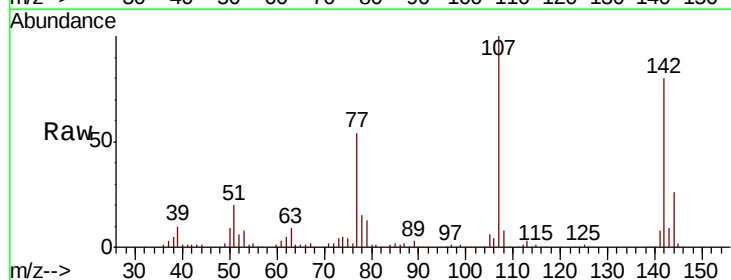


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

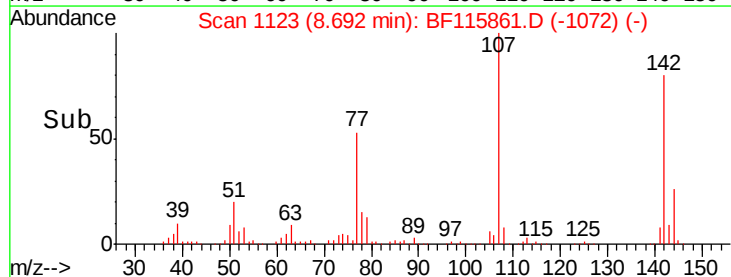
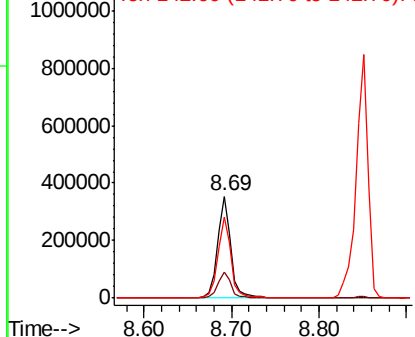


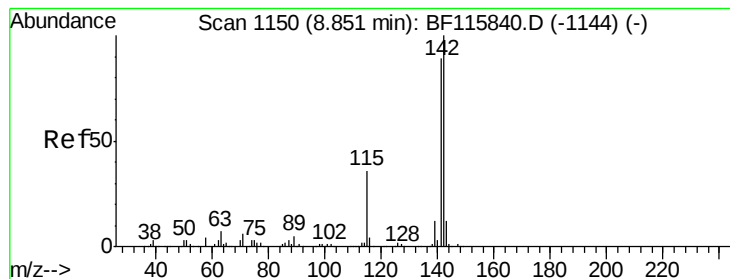
#36
4-Chloro-3-methylphenol
Concen: 44.523 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion:107 Resp: 373531
Ion Ratio Lower Upper
107 100
144 26.0 21.4 32.0
142 79.7 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: 45.304 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

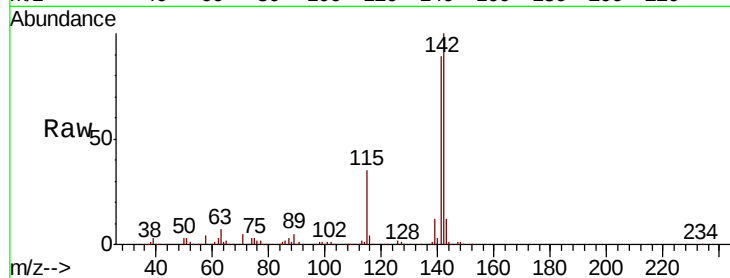
Tot Ion:142 Resp: 808368

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2

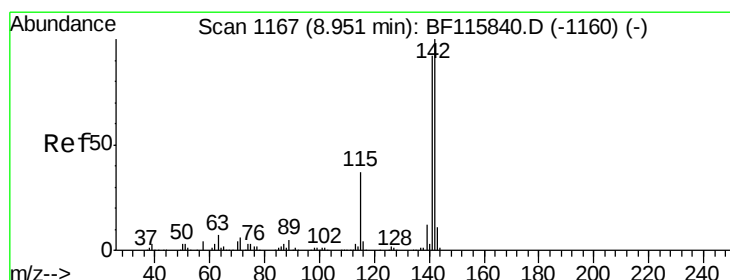
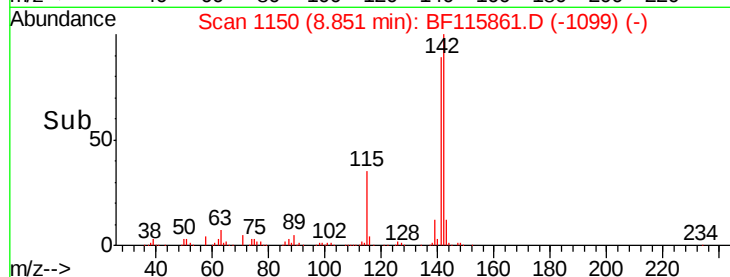
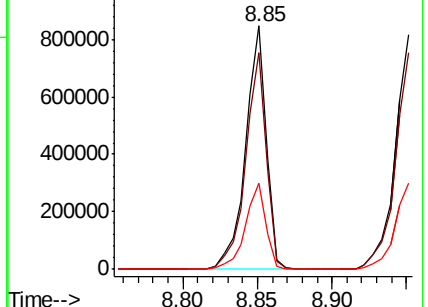
115 35.4 28.9 43.3



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: 44.699 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

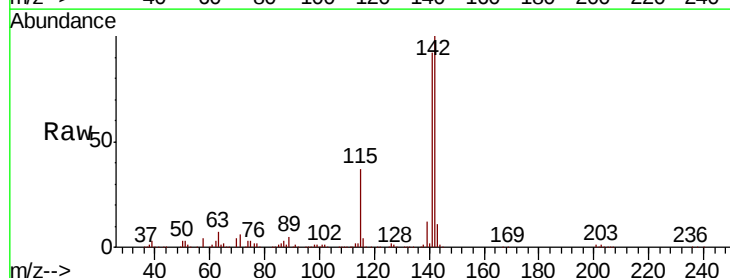
Tgt Ion:142 Resp: 754535

Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6

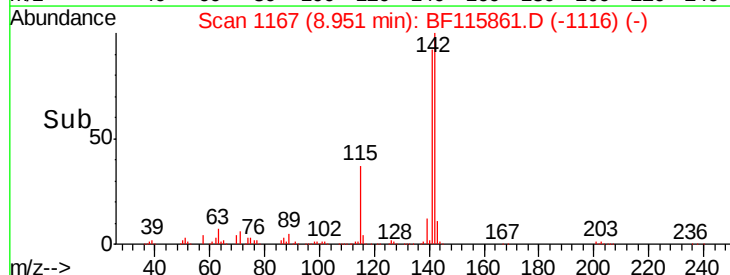
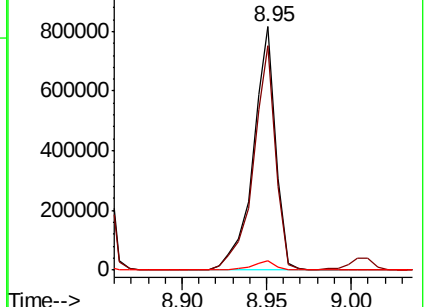
116 3.7 3.1 4.7



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

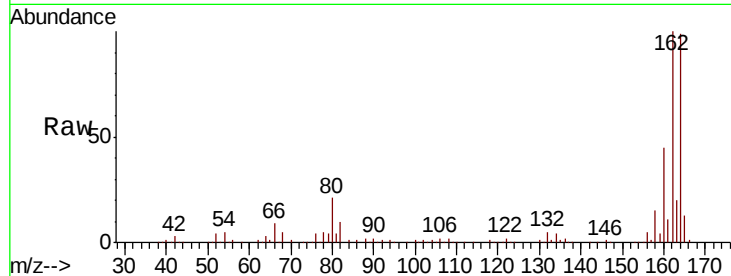




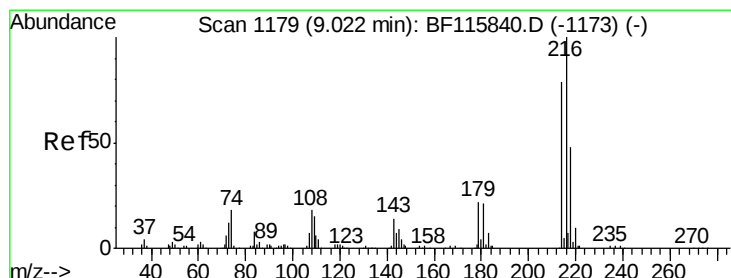
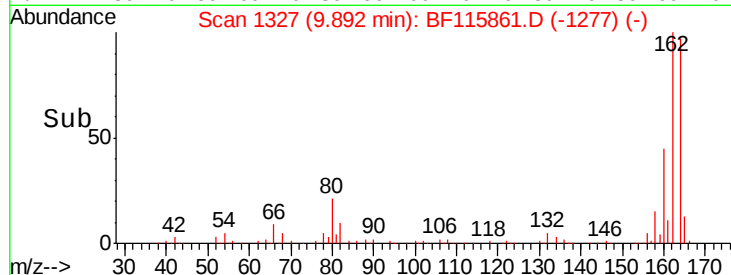
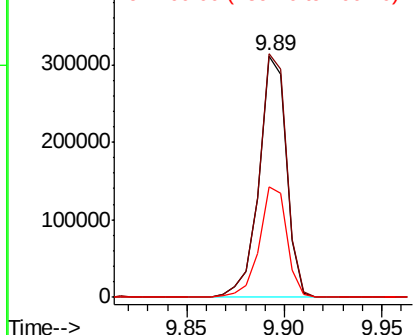
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 302651
Ion Ratio Lower Upper
164 100
162 100.8 80.8 121.2
160 45.5 36.2 54.4

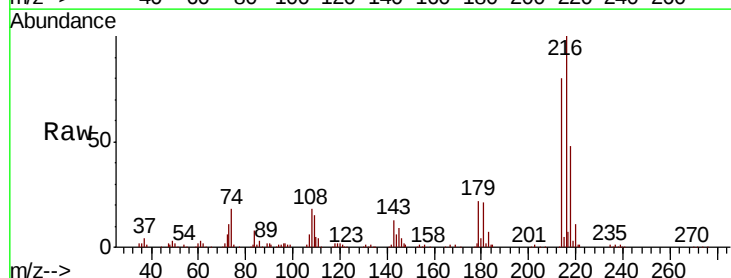


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

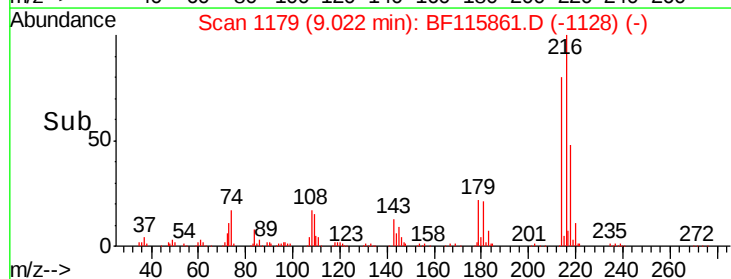
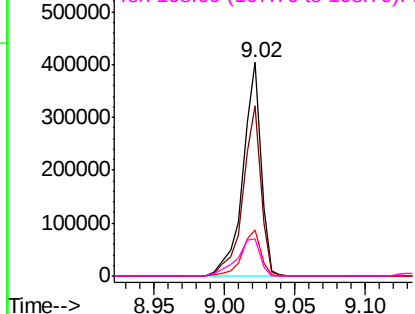


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.731 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion:216 Resp: 361923
Ion Ratio Lower Upper
216 100
214 79.0 62.8 94.2
179 22.0 17.6 26.4
108 22.3 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: 84.726 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampled :

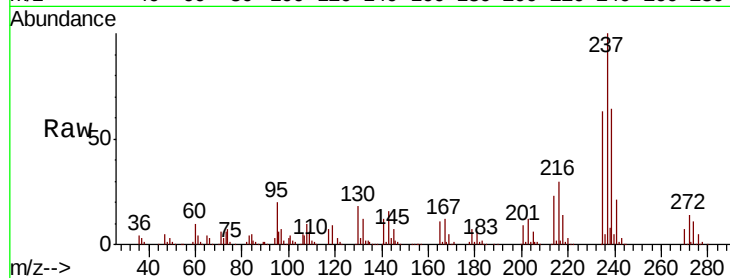
Tot Ion:237 Resp: 309124

Ion Ratio Lower Upper

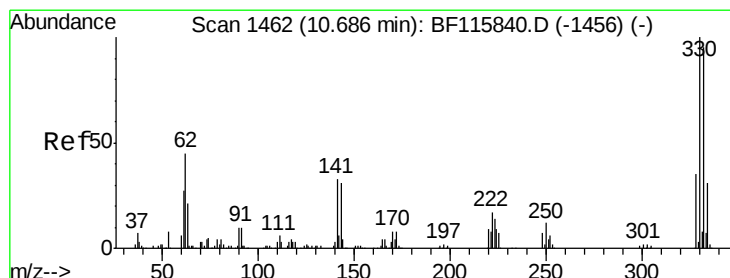
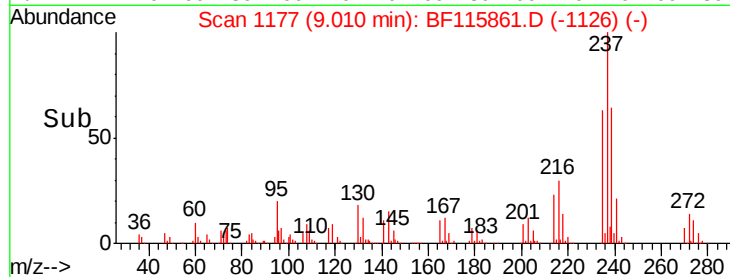
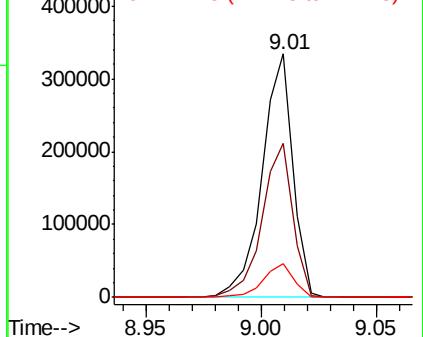
237 100

235 63.5 42.5 82.5

272 13.7 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 117.031 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

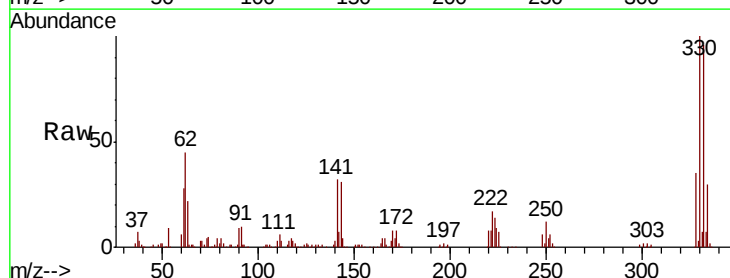
Tgt Ion:330 Resp: 343403

Ion Ratio Lower Upper

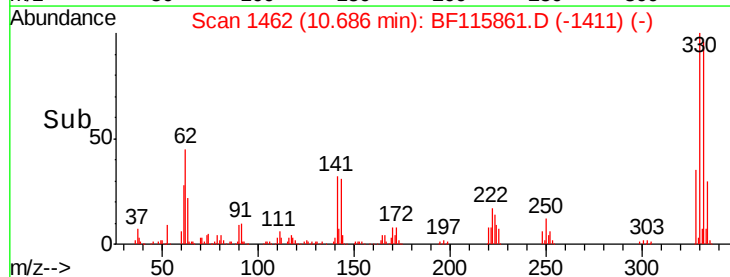
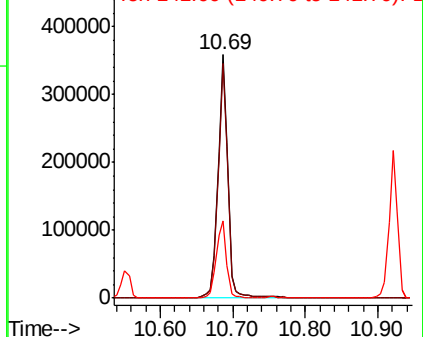
330 100

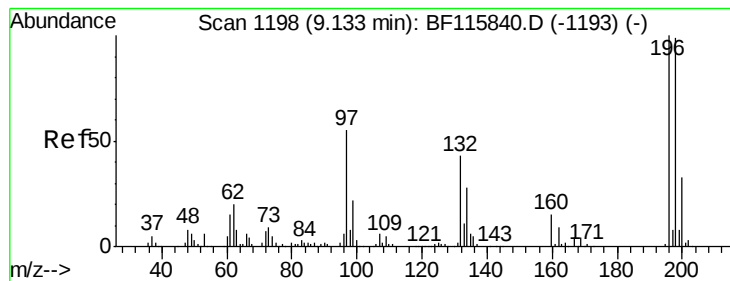
332 96.5 77.7 116.5

141 33.1 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: 42.313 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

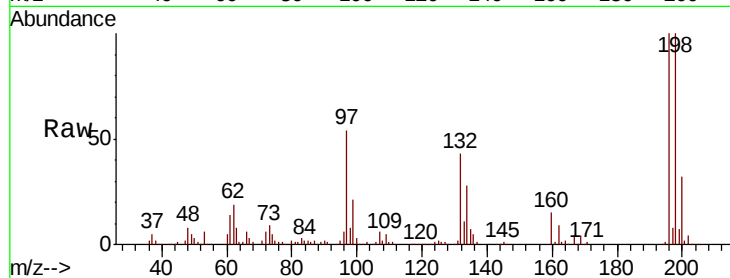
Tot Ion:196 Resp: 235650

Ion Ratio Lower Upper

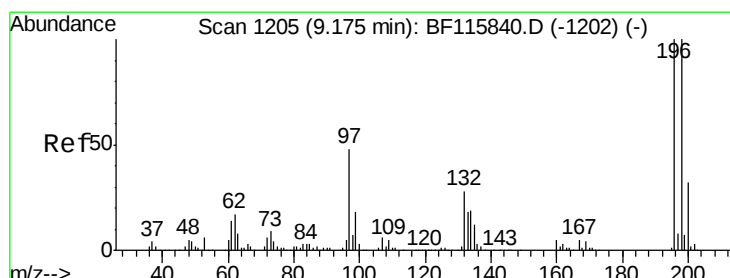
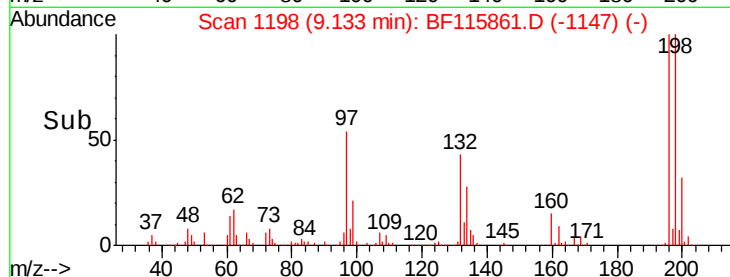
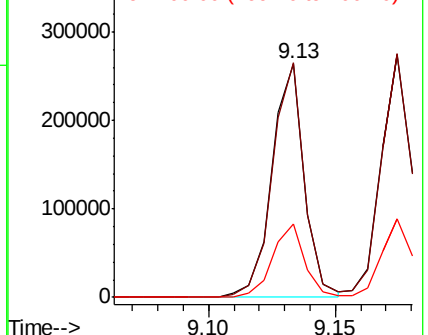
196 100

198 100.4 79.1 118.7

200 31.7 26.0 39.0



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



#44

2,4,5-Trichlorophenol

Concen: 44.439 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Tgt Ion:196 Resp: 255832

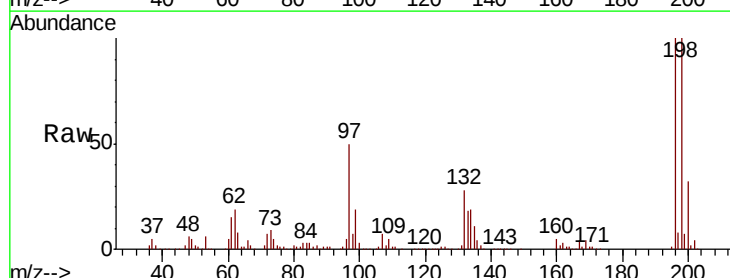
Ion Ratio Lower Upper

196 100

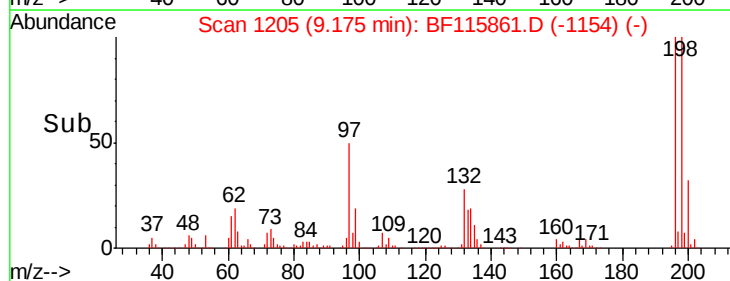
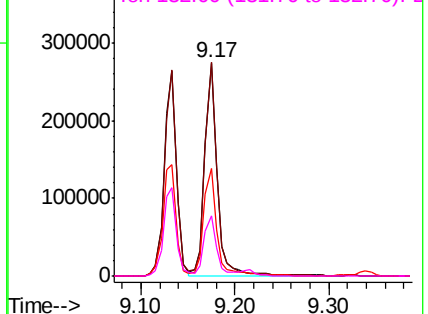
198 100.5 80.1 120.1

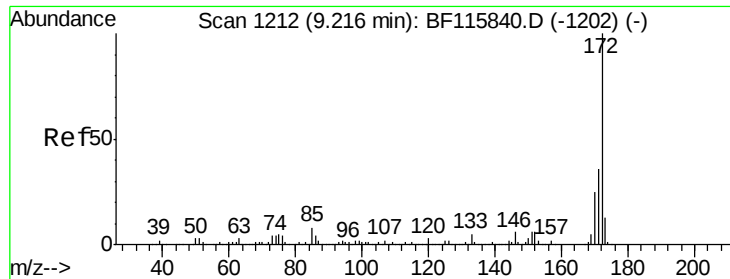
97 50.5 38.9 58.3

132 28.1 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

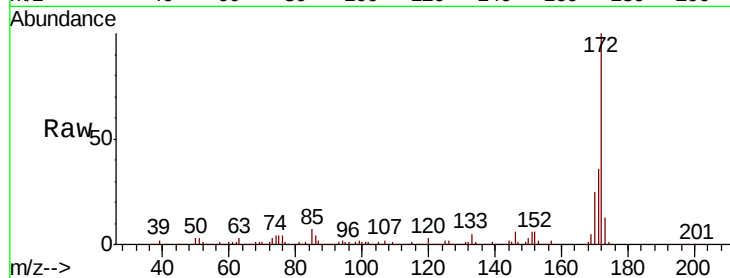




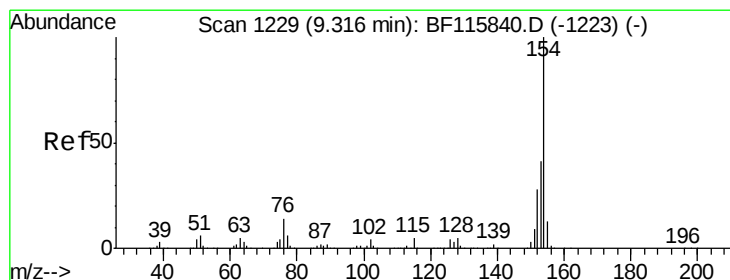
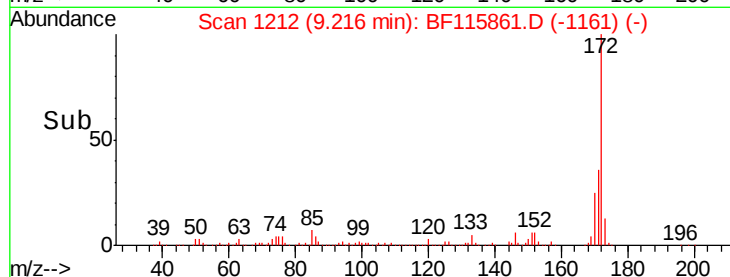
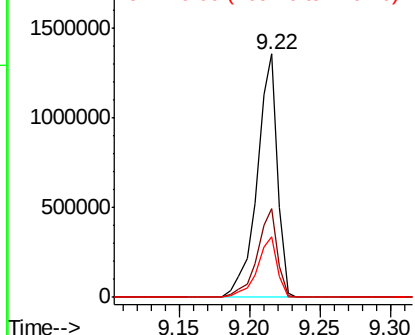
#45
2-Fluorobiphenyl
Concen: 85.695 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1384653
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.8 20.1 30.1

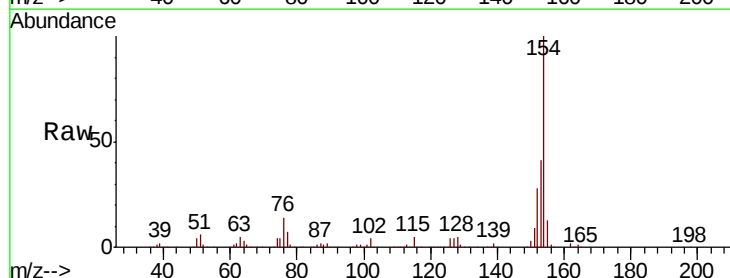


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

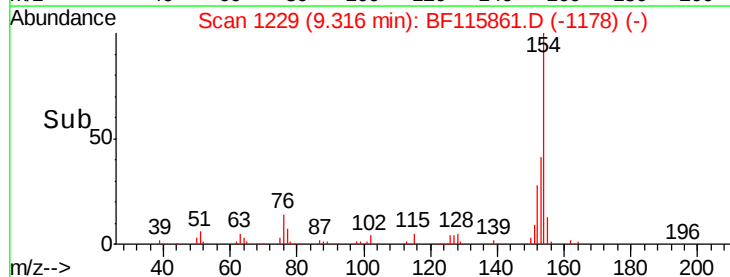
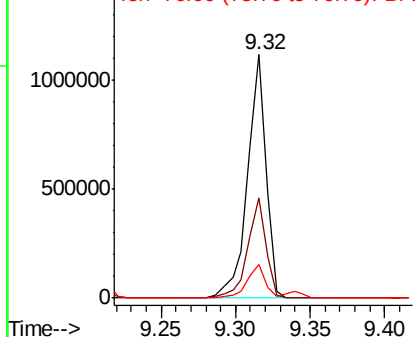


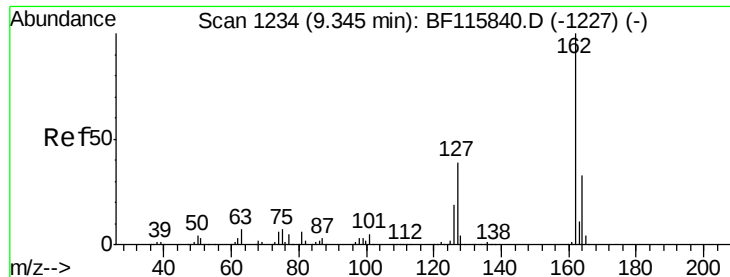
#46
1,1'-Biphenyl
Concen: 44.692 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion:154 Resp: 954928
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 13.6 0.0 34.3



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

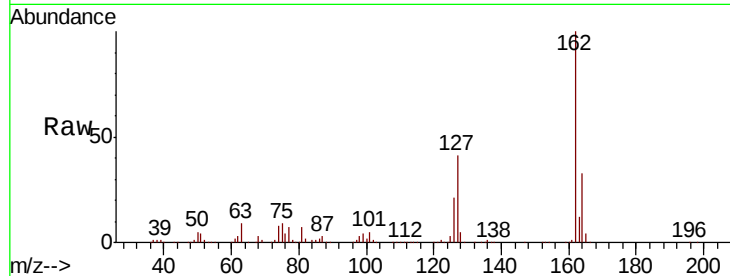




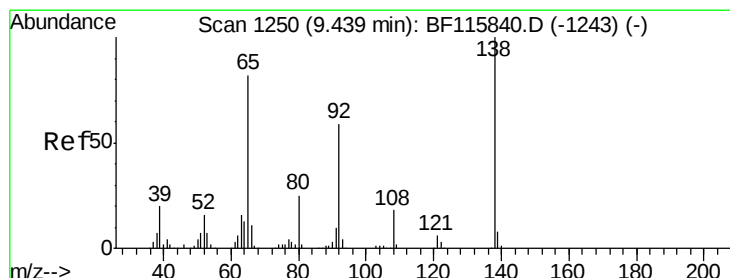
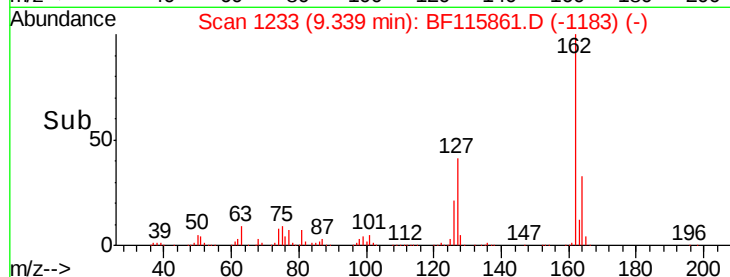
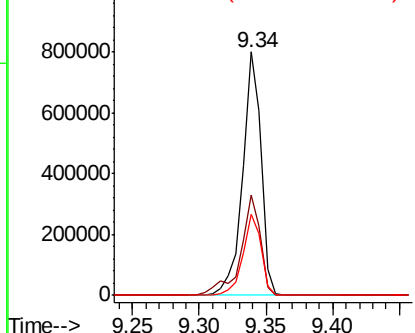
#47
 2-Chloronaphthalene
 Concen: 42.852 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	31.3	46.9
164	33.5	26.6	40.0

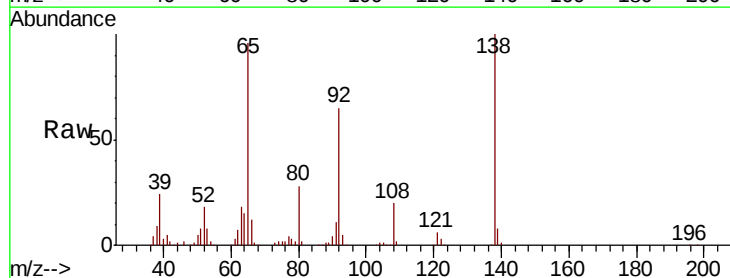


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

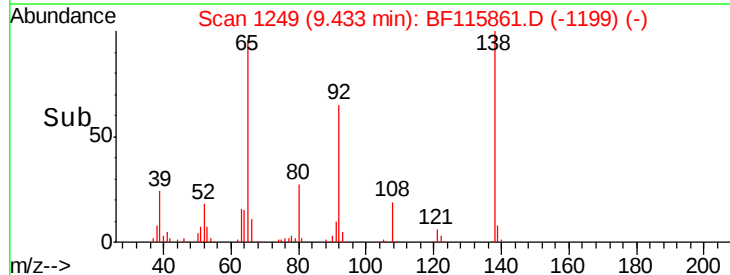
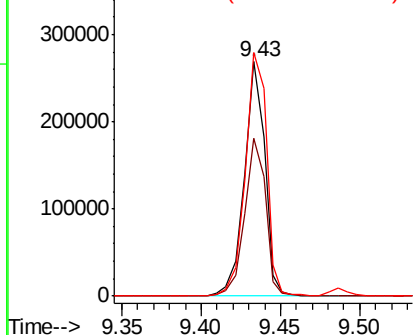


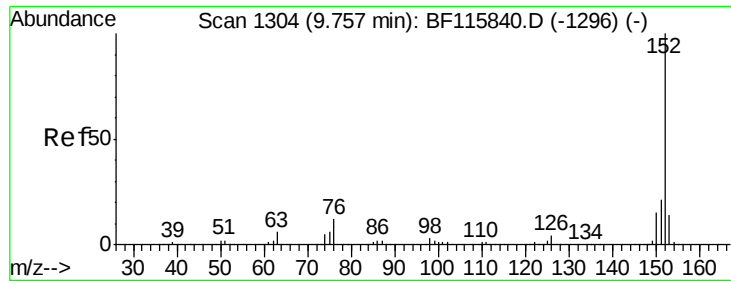
#48
 2-Nitroaniline
 Concen: 40.811 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	57.1	85.7
138	103.9	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: 45.339 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

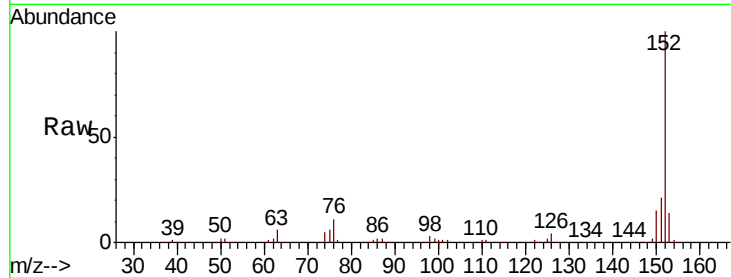
Tot Ion:152 Resp: 1176308

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

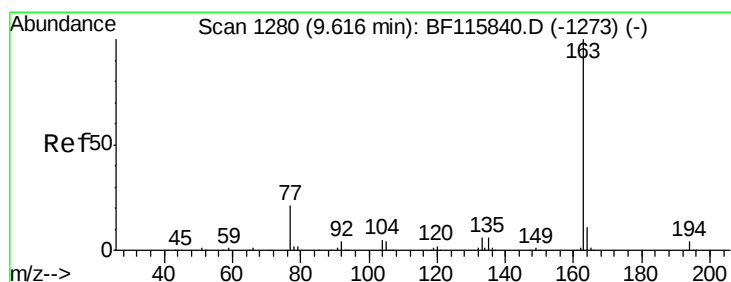
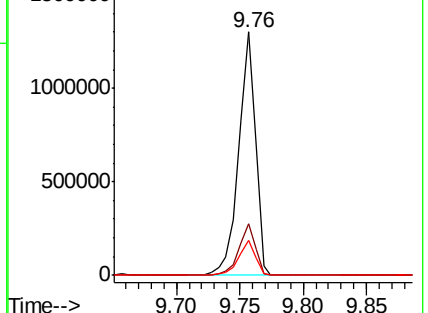
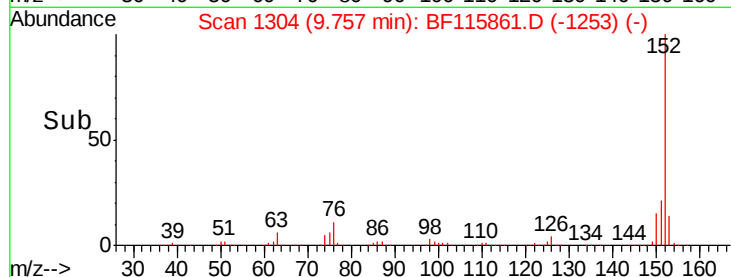
153 14.2 11.6 17.4



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: 41.542 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

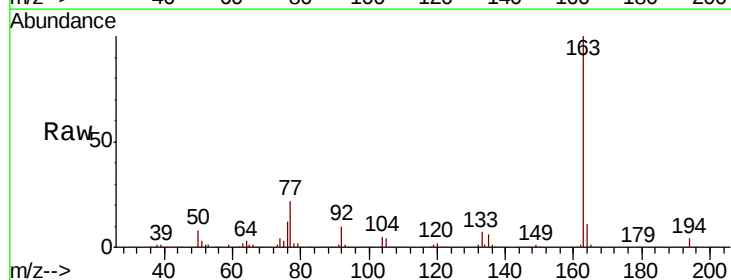
Tgt Ion:163 Resp: 856057

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

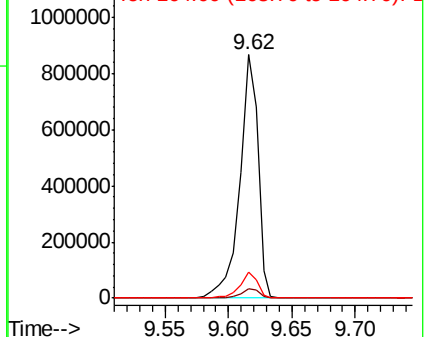
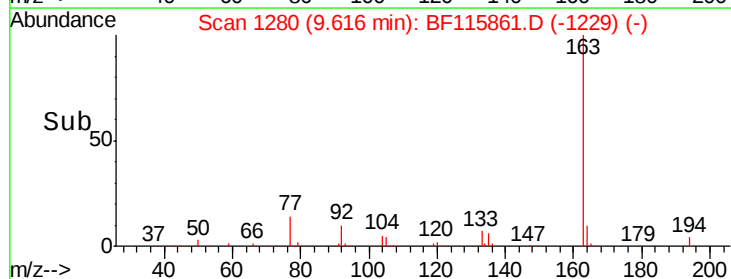
164 10.6 8.4 12.6

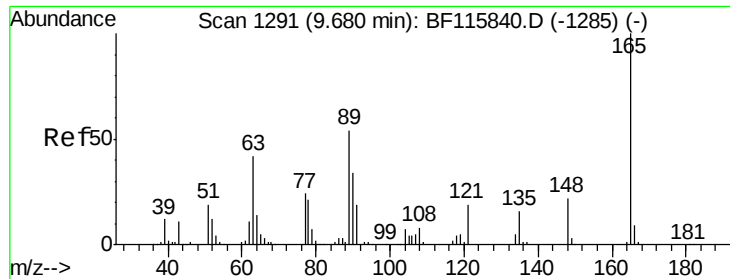


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

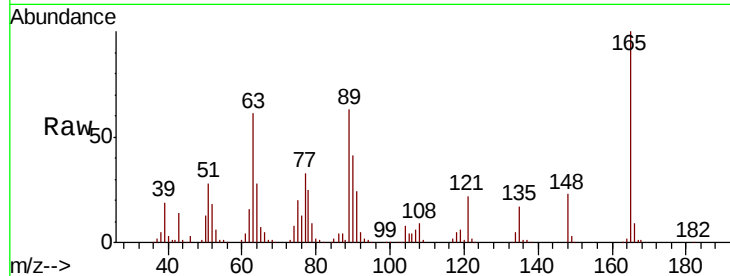




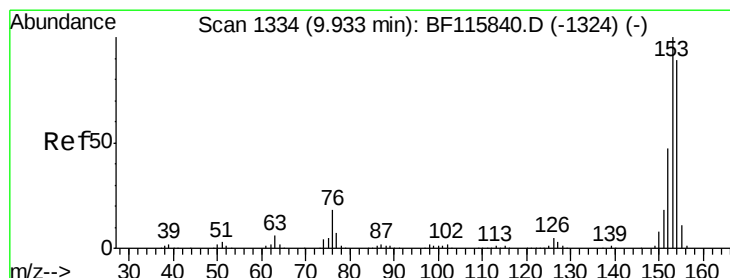
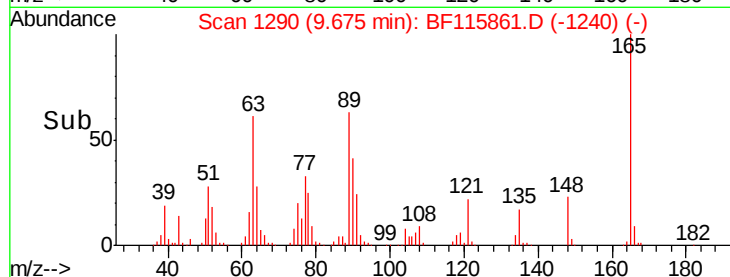
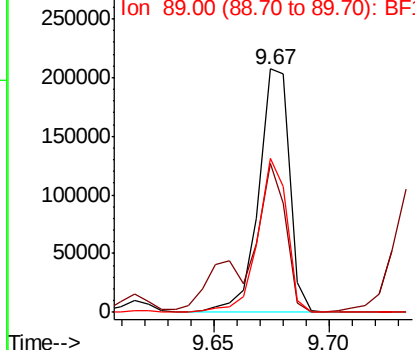
#51
 2,6-Dinitrotoluene
 Concen: 43.234 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 193614
 Ion Ratio Lower Upper
 165 100
 63 61.1 39.4 59.2#
 89 63.1 43.0 64.6

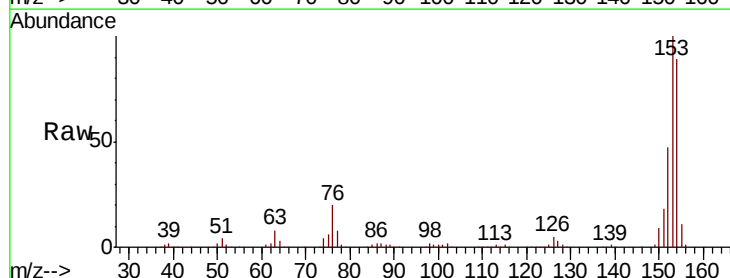


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

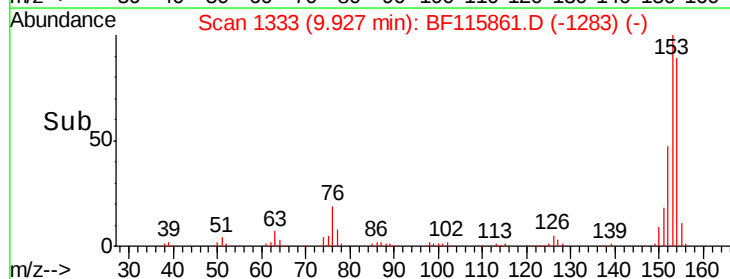
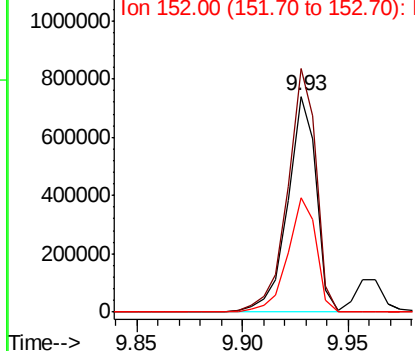


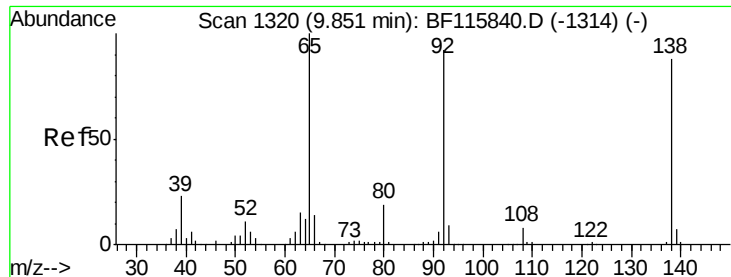
#52
 Acenaphthene
 Concen: 44.059 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

Tgt Ion:154 Resp: 701279
 Ion Ratio Lower Upper
 154 100
 153 112.9 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

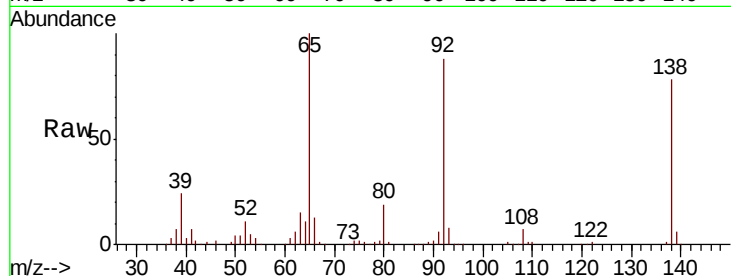




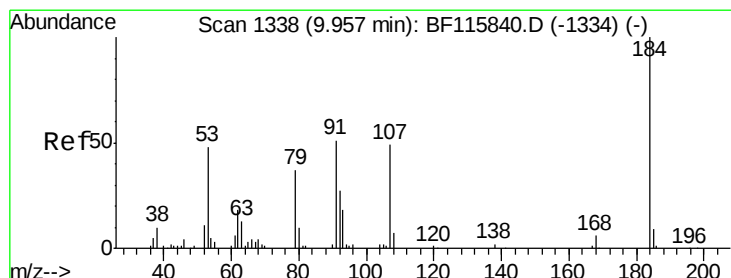
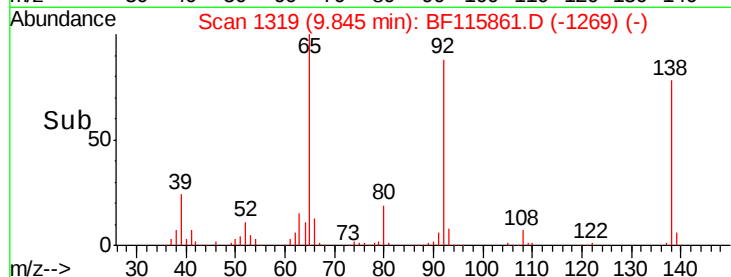
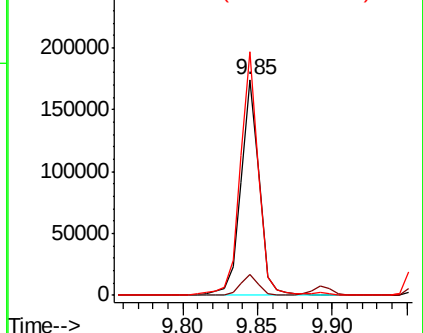
#53
3-Nitroaniline
Concen: 26.858 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 148620
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 112.9 83.9 125.9

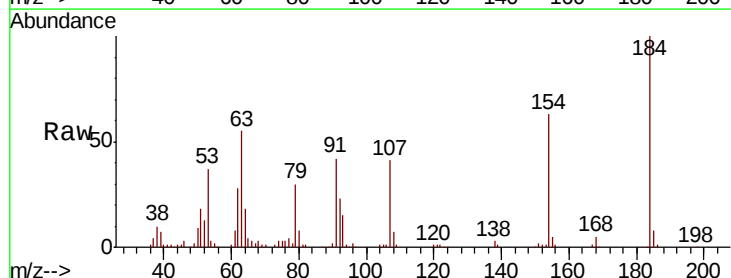


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

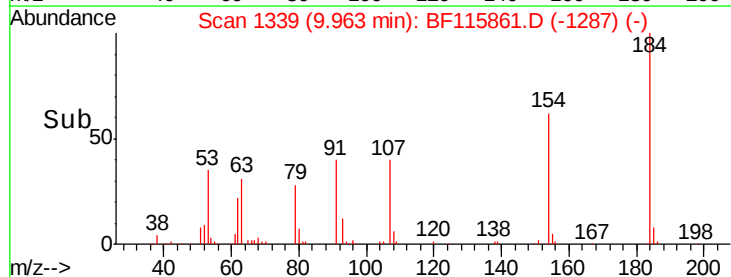
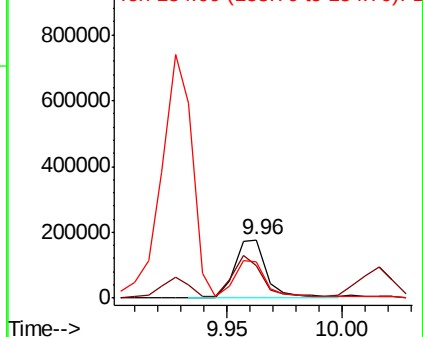


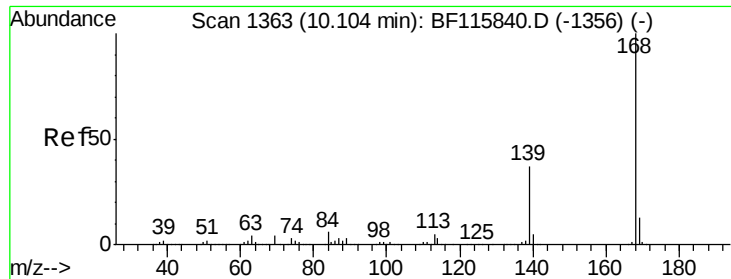
#54
2,4-Dinitrophenol
Concen: 77.375 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion:184 Resp: 175593
Ion Ratio Lower Upper
184 100
63 55.3 56.7 85.1#
154 62.6 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

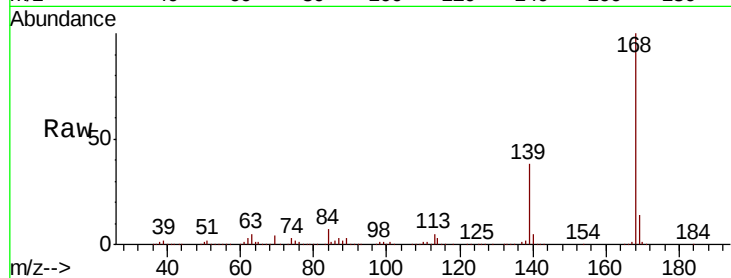




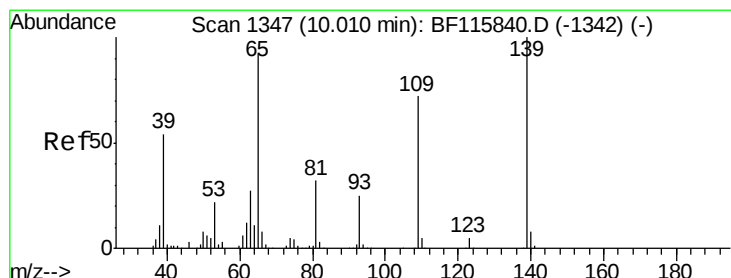
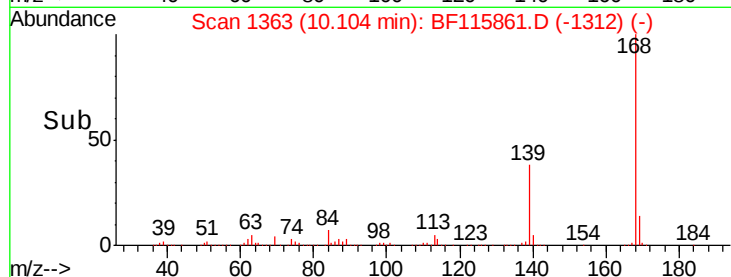
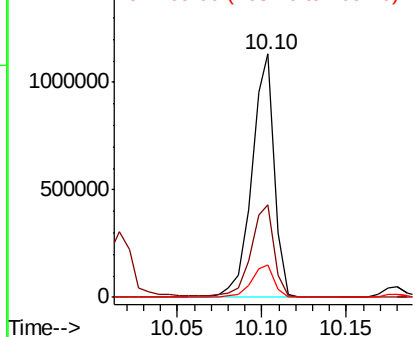
#55
Dibenzofuran
Concen: 45.301 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1048583
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.2
169 13.5 10.8 16.2

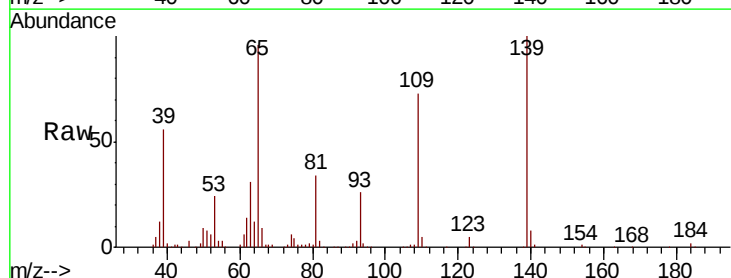


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

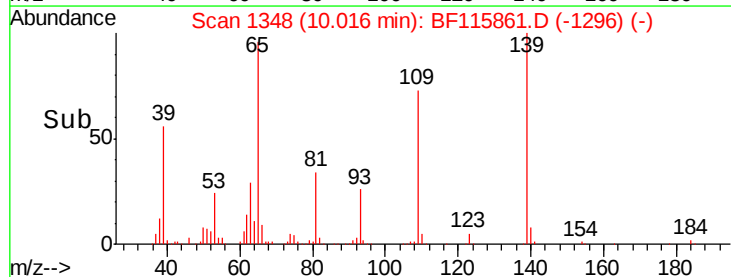
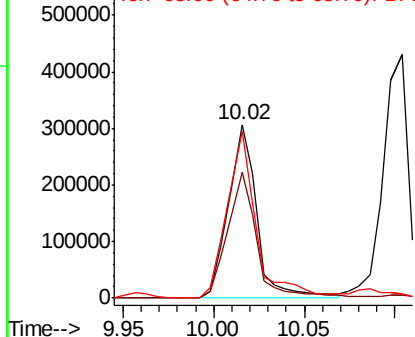


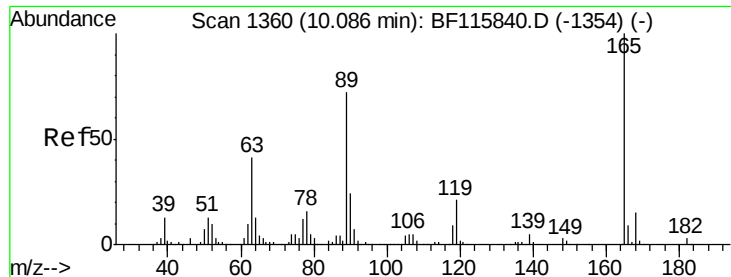
#56
4-Nitrophenol
Concen: 95.242 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion:139 Resp: 337609
Ion Ratio Lower Upper
139 100
109 72.9 52.0 92.0
65 96.1 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

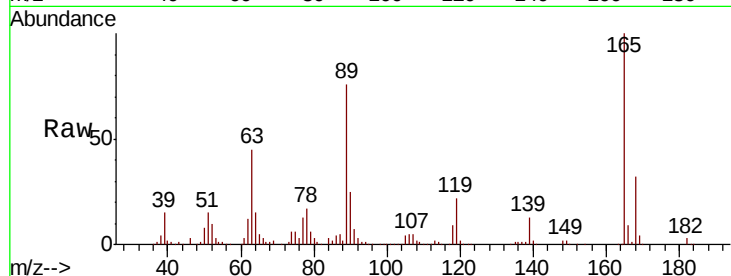




#57
2,4-Dinitrotoluene
Concen: 43.797 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	33.2	49.8
89	75.7	57.3	85.9
182	2.6	2.1	3.1



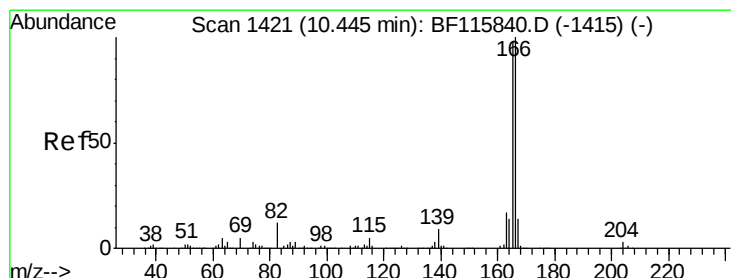
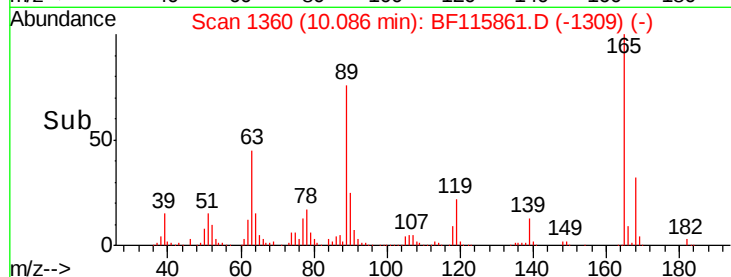
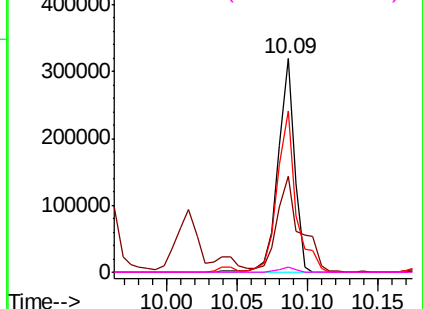
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

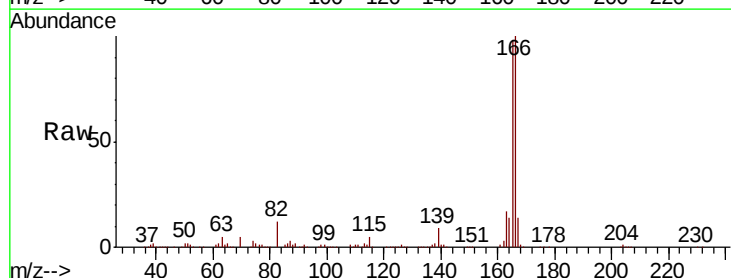
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.514 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	118.0
167	13.6	10.9	16.3

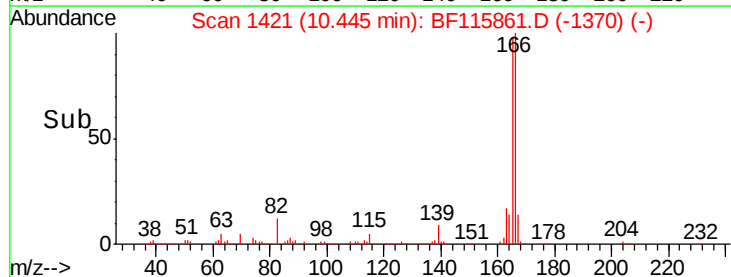
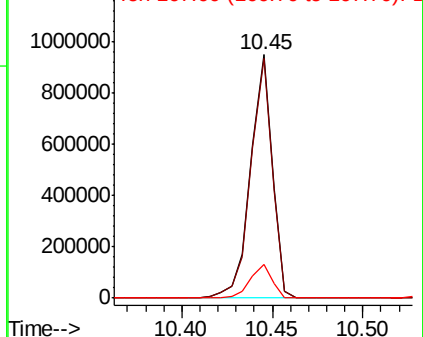


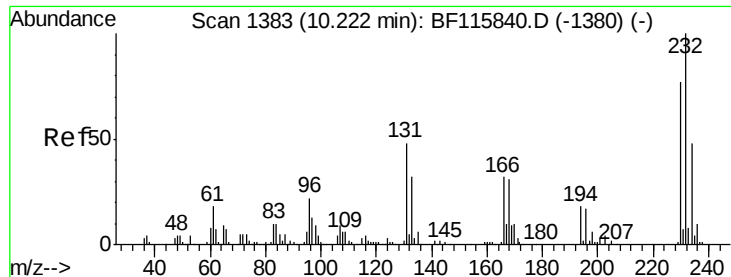
Abundance

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: 44.681 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 216405

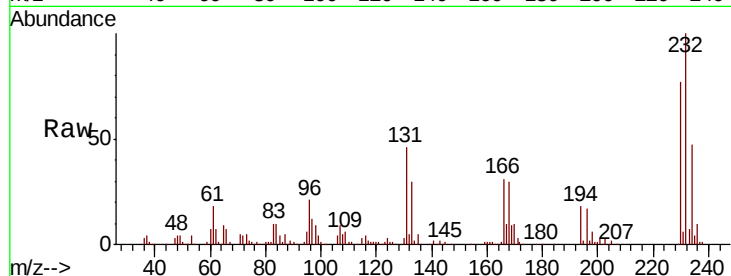
Ion Ratio Lower Upper

232 100

131 46.3 37.6 56.4

130 2.6 1.8 2.8

166 29.9 24.6 37.0

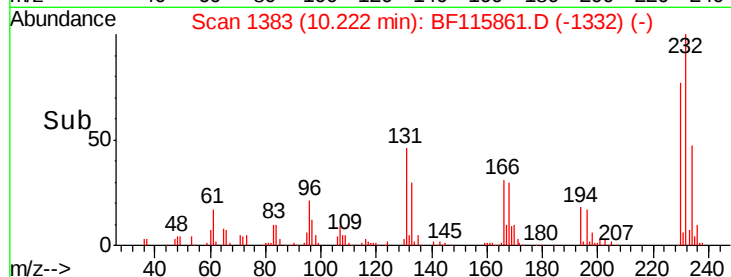


Abundance Ion 232.00 (231.70 to 232.70): E

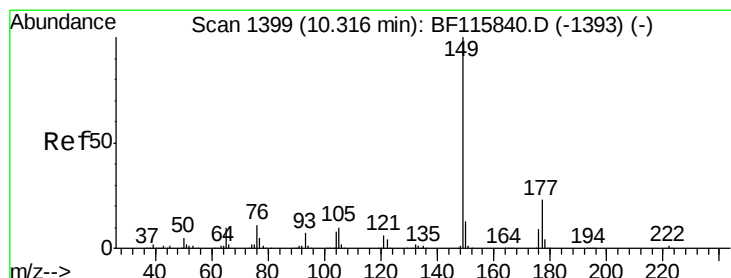
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 41.922 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

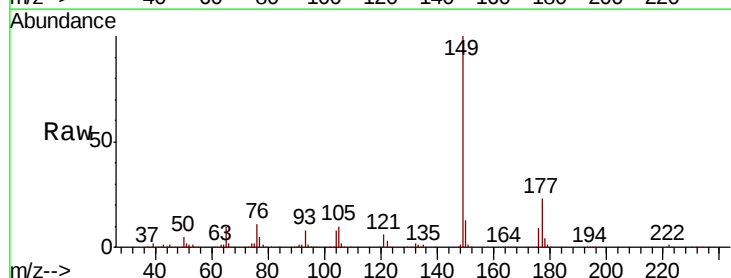
Tgt Ion:149 Resp: 806562

Ion Ratio Lower Upper

149 100

177 22.8 18.4 27.6

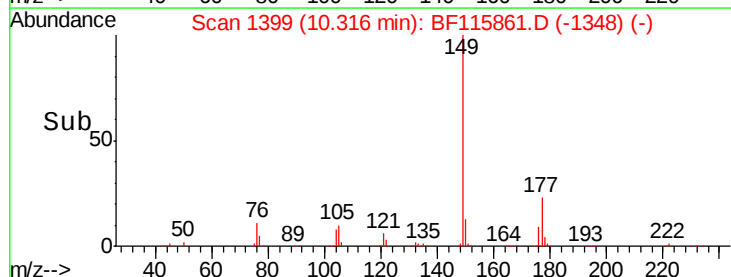
150 12.9 10.1 15.1



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



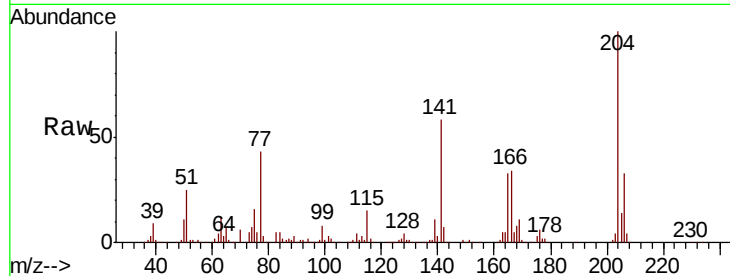
Time-->



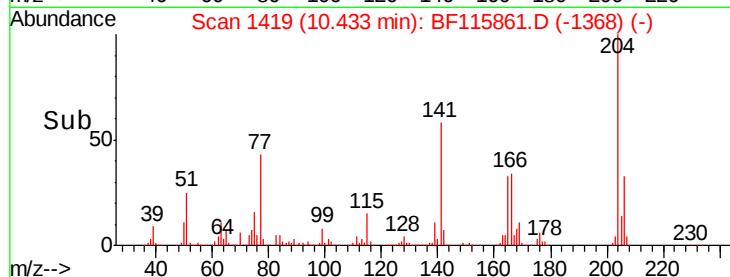
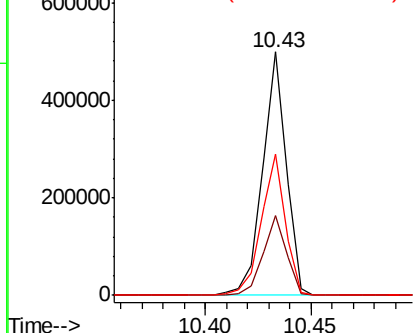
#61
4-Chlorophenyl-phenylether
Concen: 43.219 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 389804
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 57.8 47.0 70.4

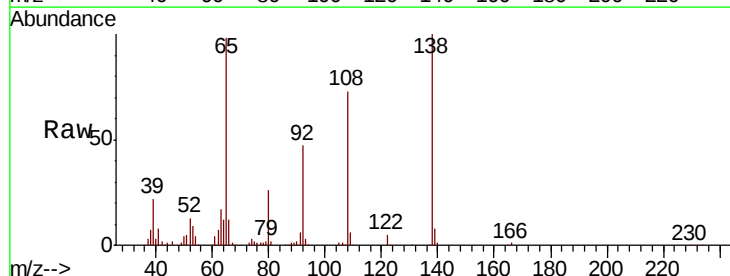


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

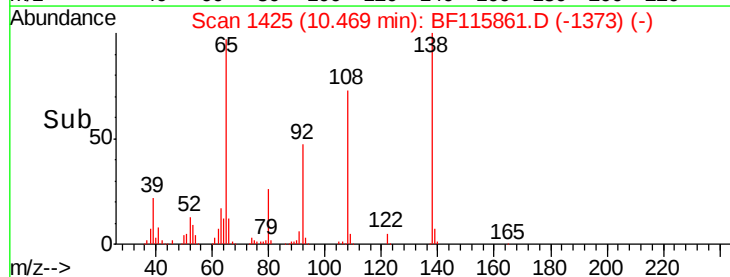
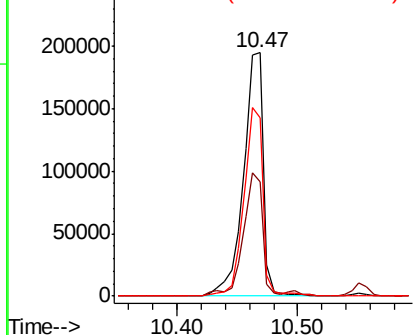


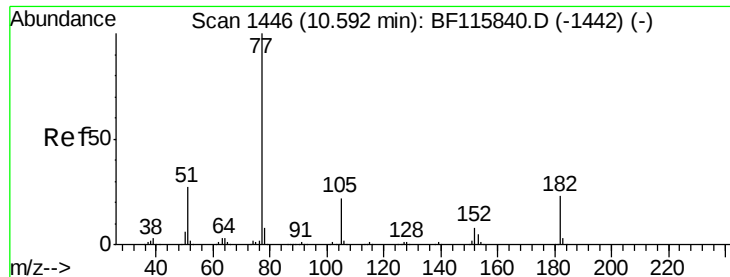
#62
4-Nitroaniline
Concen: 39.343 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion:138 Resp: 224983
Ion Ratio Lower Upper
138 100
92 46.9 31.0 71.0
108 73.3 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

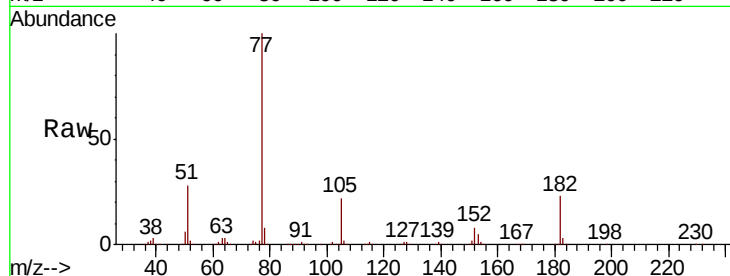




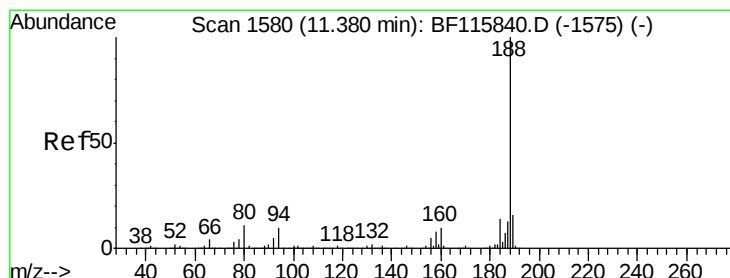
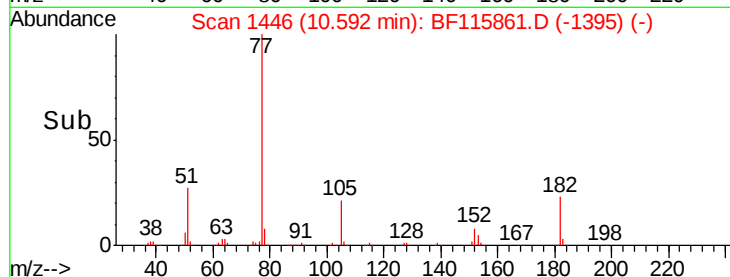
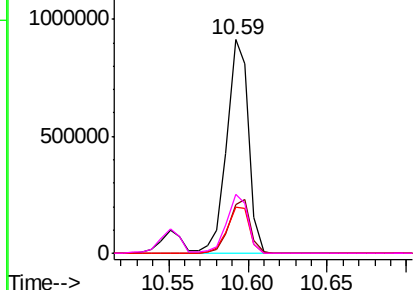
#63
Azobenzene
Concen: 43.921 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.0	2.6	42.6
105	21.7	1.6	41.6
51	27.5	7.4	47.4

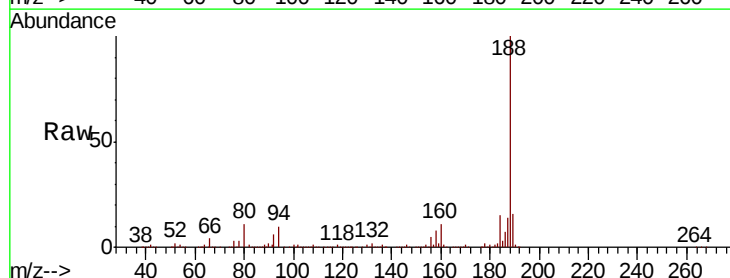


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

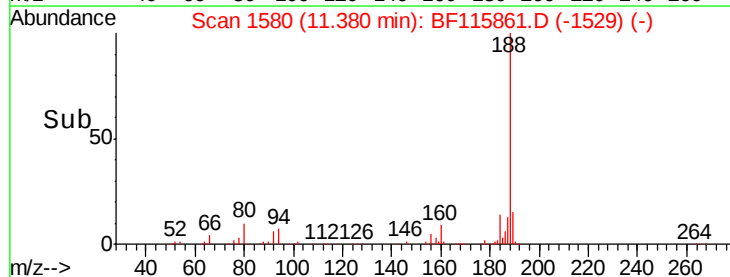
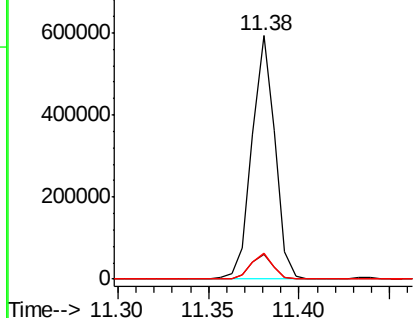


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	10.9	8.6	12.8



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

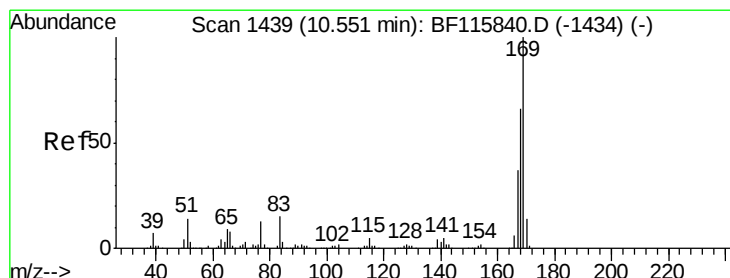
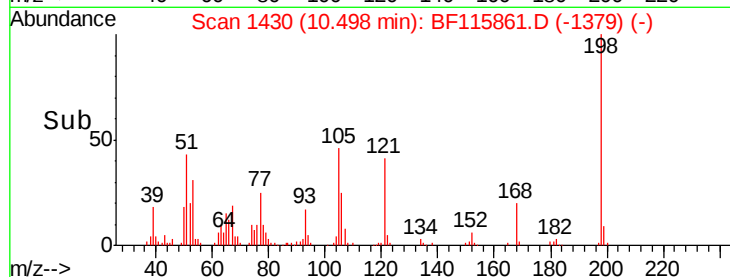
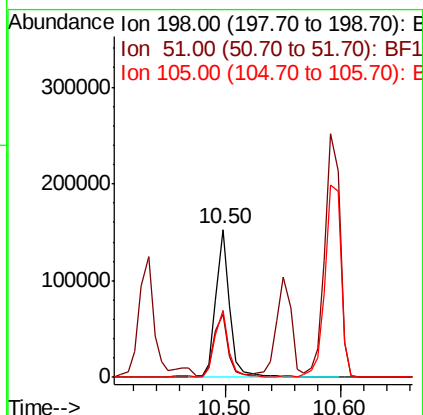
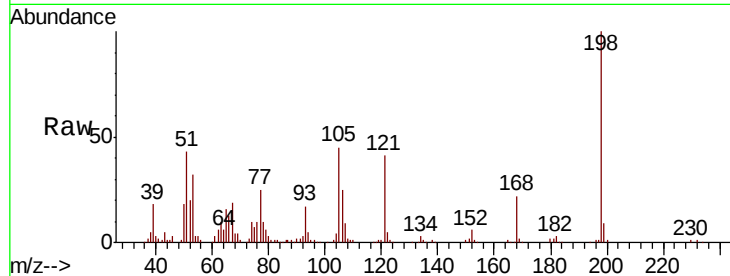




#65
4,6-Dinitro-2-methylphenol
Concen: 45.949 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

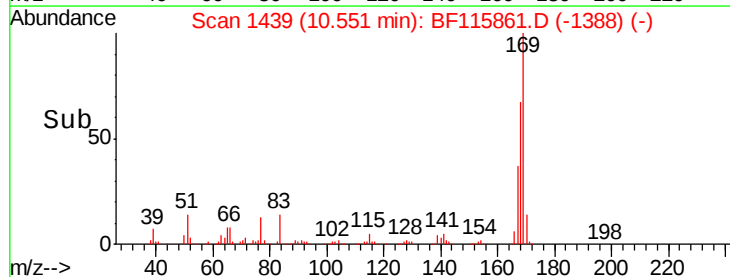
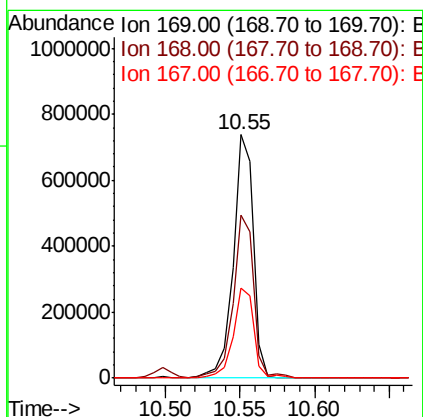
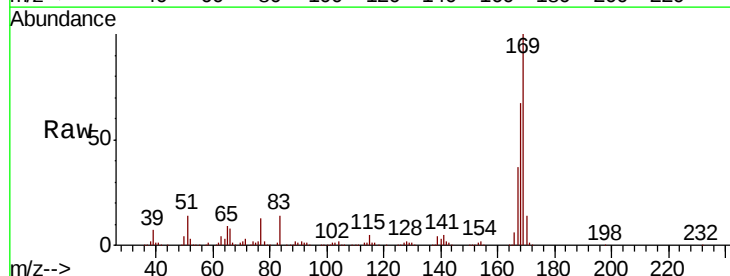
Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 127124
Ion Ratio Lower Upper
198 100
51 42.8 21.1 61.1
105 45.5 24.5 64.5



#66
n-Nitrosodiphenylamine
Concen: 44.566 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion:169 Resp: 700310
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.8 29.9 44.9

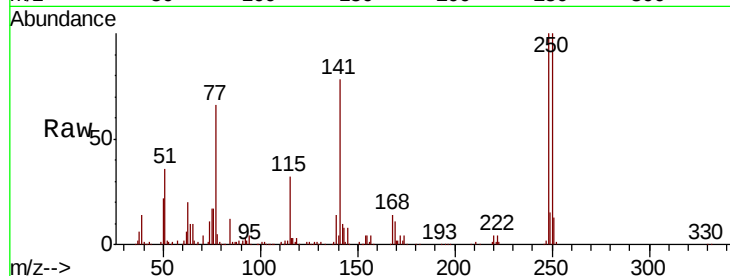




#67
4-Bromophenyl-phenylether
Concen: 42.656 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	77.8	116.6
141	78.3	64.3	96.5

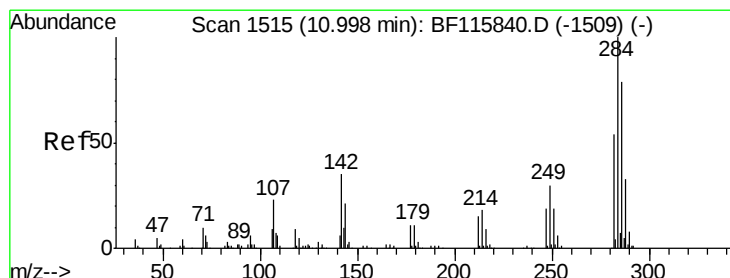
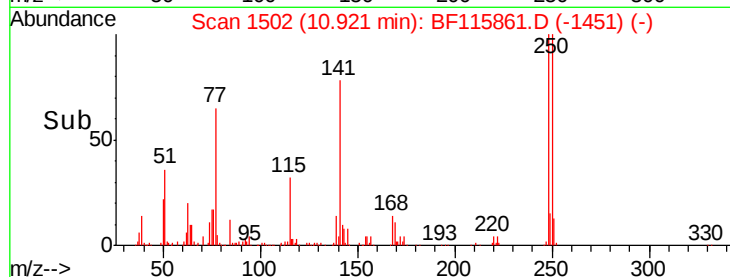
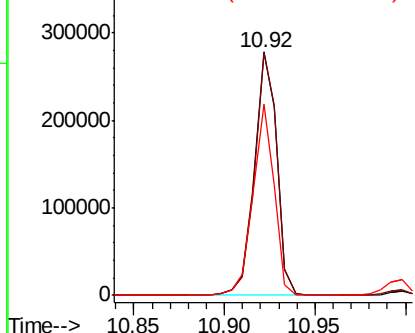


Abundance

Ion 248.00 (247.70 to 248.70): E

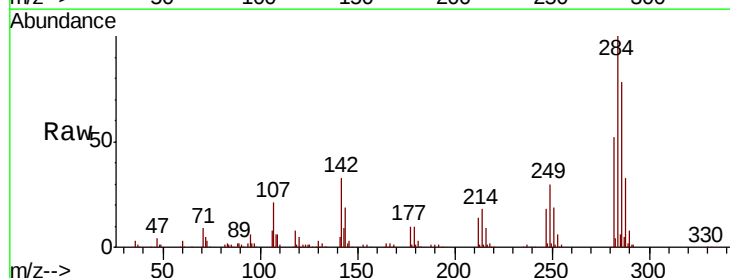
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.081 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	28.2	42.2
249	29.8	24.0	36.0

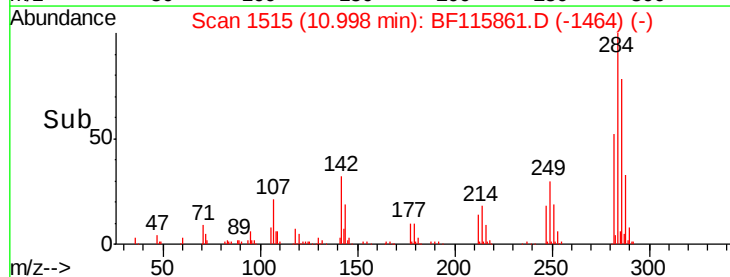
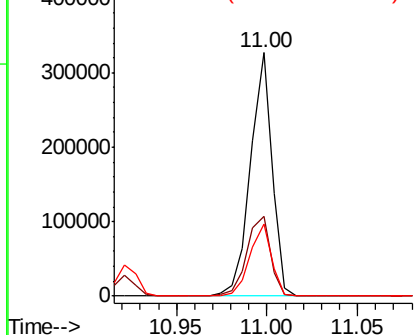


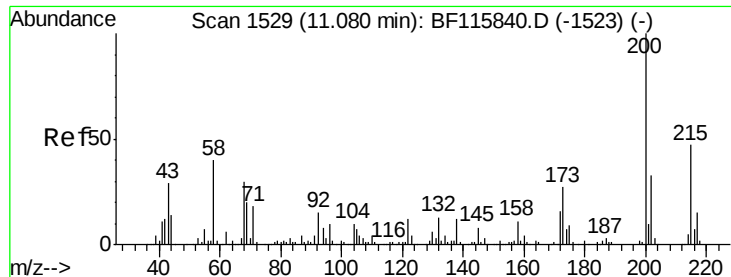
Abundance

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

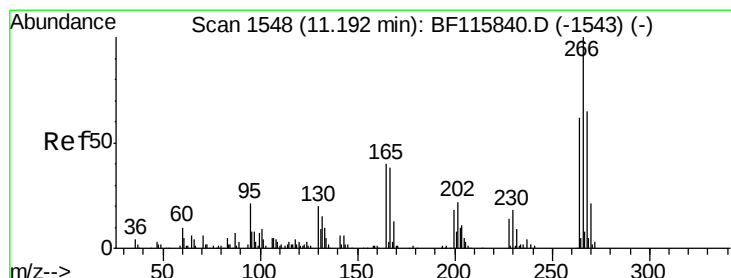
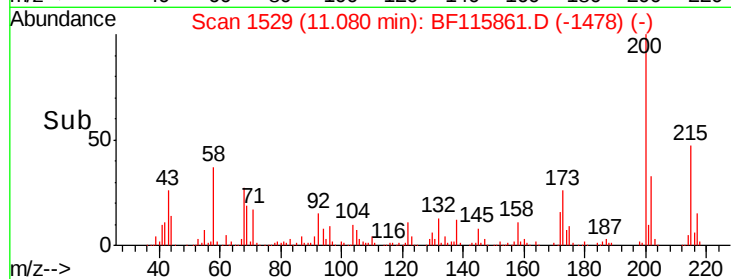
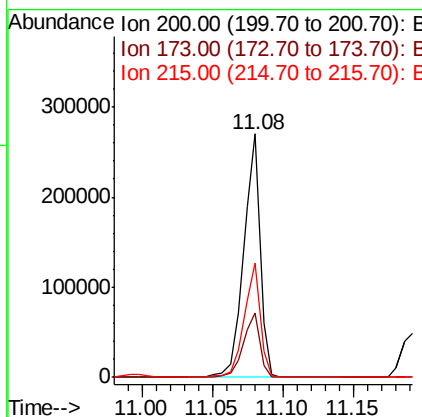
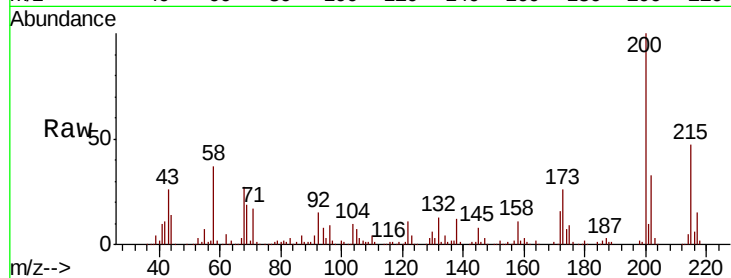




#69
 Atrazine
 Concen: 42.269 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

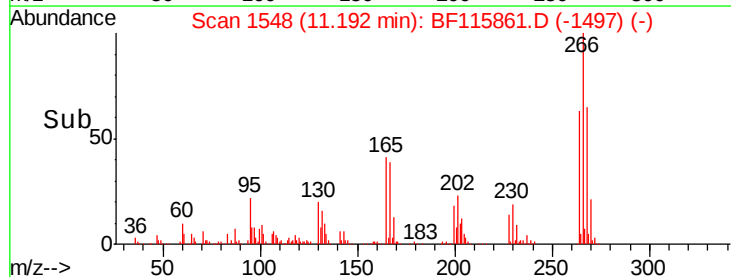
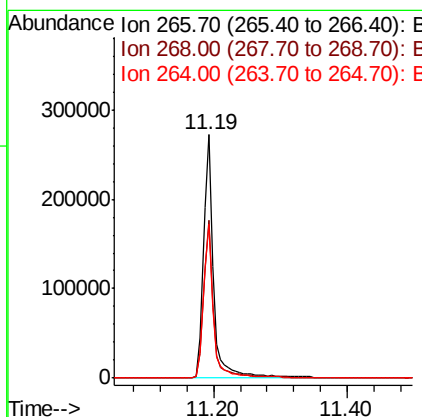
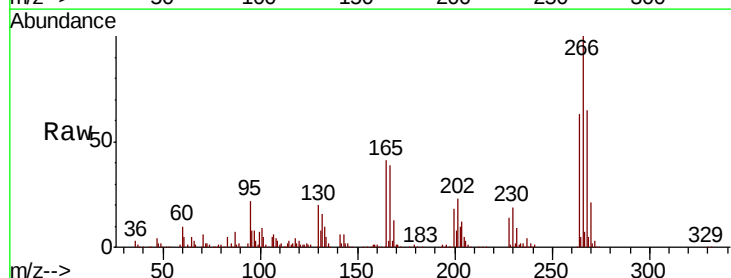
Instrument :
 BNA_F
 ClientSampleId :

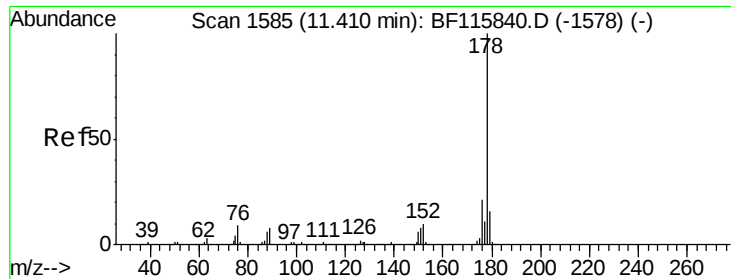
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.3	47.3
215	47.2	26.9	66.9



#70
 Pentachlorophenol
 Concen: 89.416 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.6	77.4
264	63.2	49.4	74.0

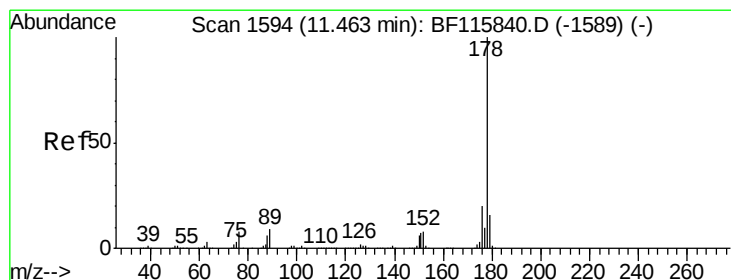
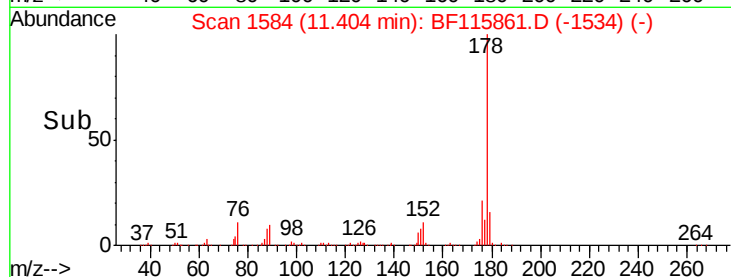
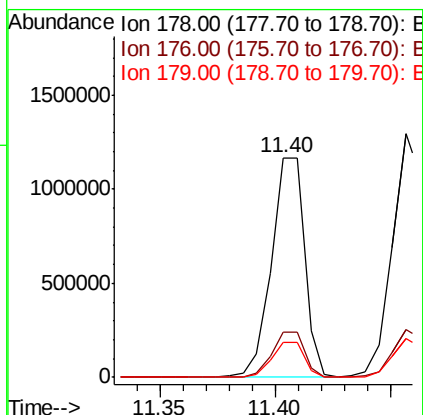
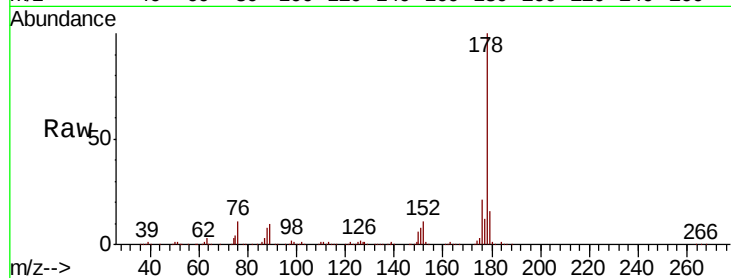




#71
Phenanthrene
Concen: 43.763 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

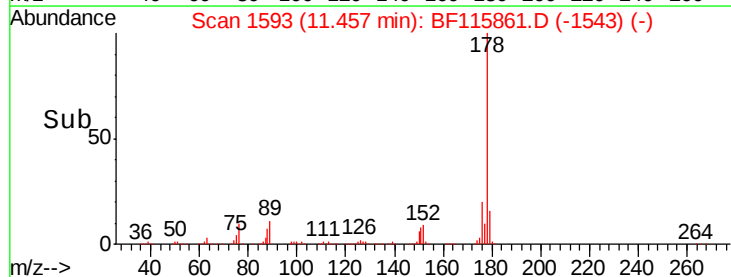
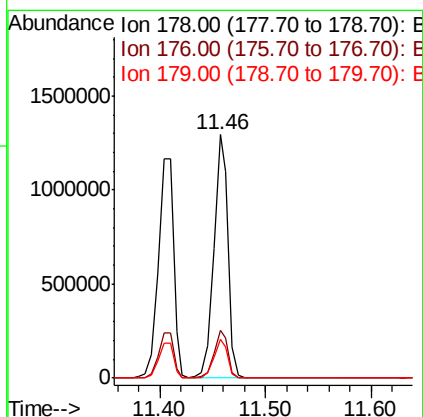
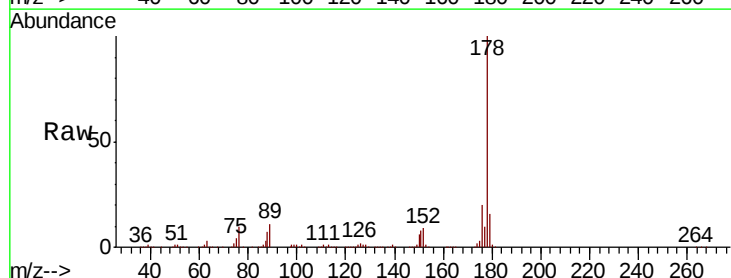
Instrument :
BNA_F
ClientSampleId :

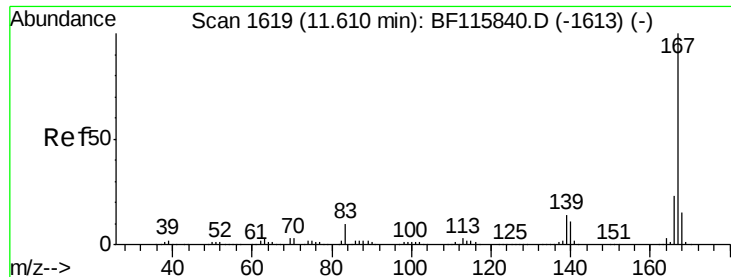
Tot Ion:178 Resp: 1168023
Ion Ratio Lower Upper
178 100
176 20.8 16.5 24.7
179 15.9 12.6 18.8



#72
Anthracene
Concen: 45.653 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion:178 Resp: 1233132
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.9 12.4 18.6

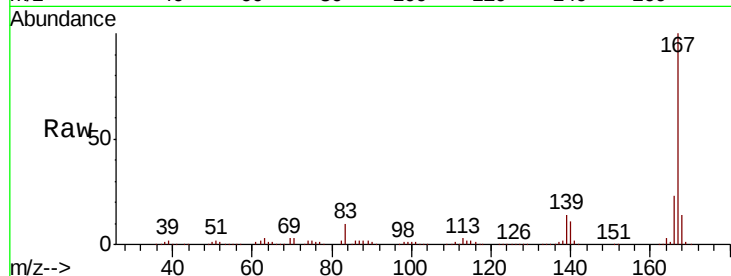




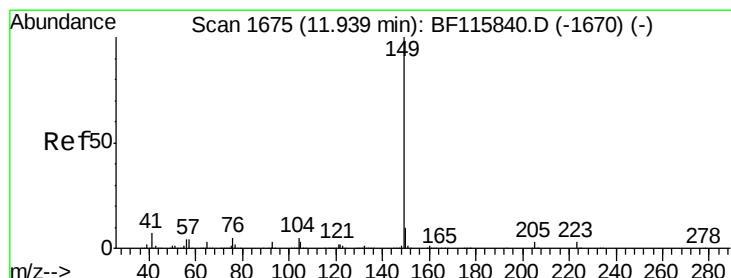
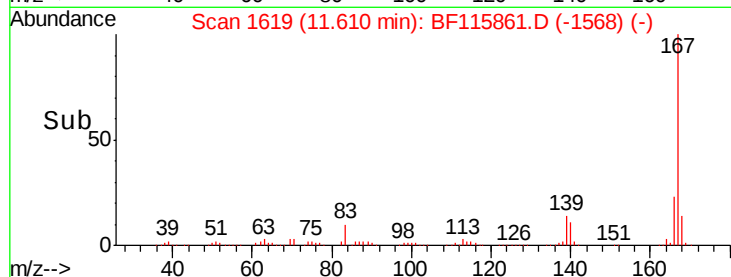
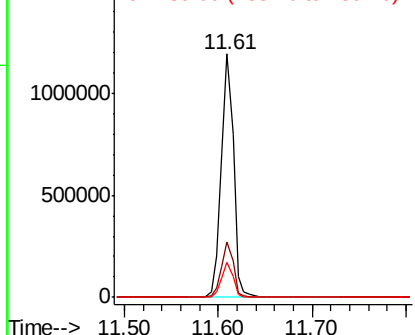
#73
 Carbazole
 Concen: 44.683 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1094980
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 14.3 11.4 17.2

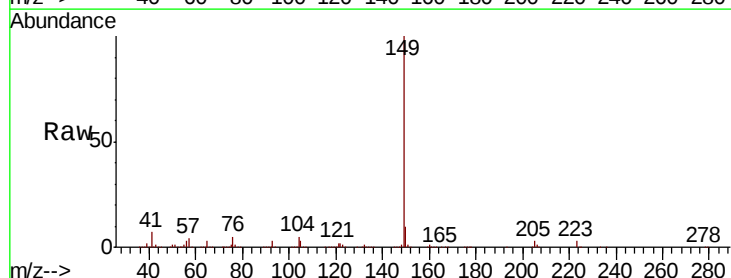


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

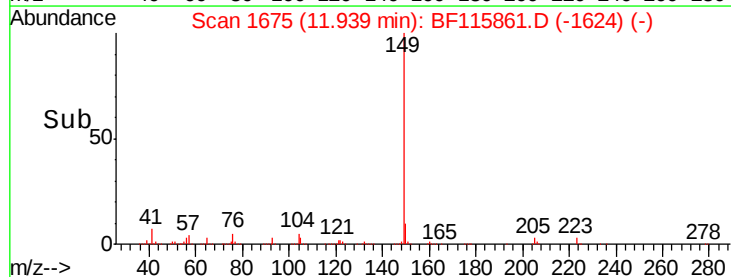
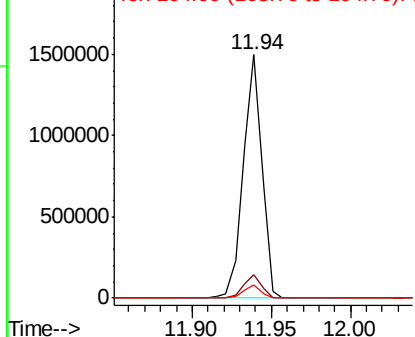


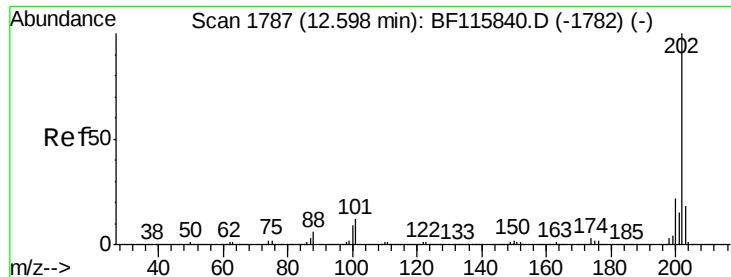
#74
 Di-n-butylphthalate
 Concen: 42.390 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

Tgt Ion:149 Resp: 1211792
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

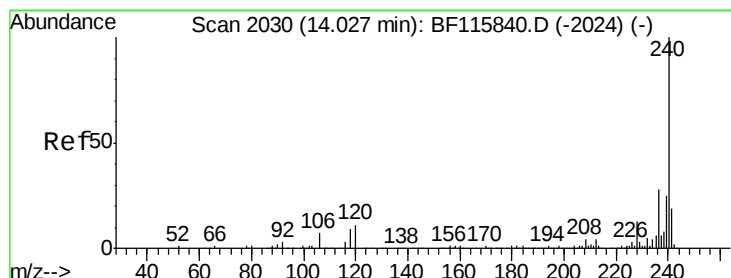
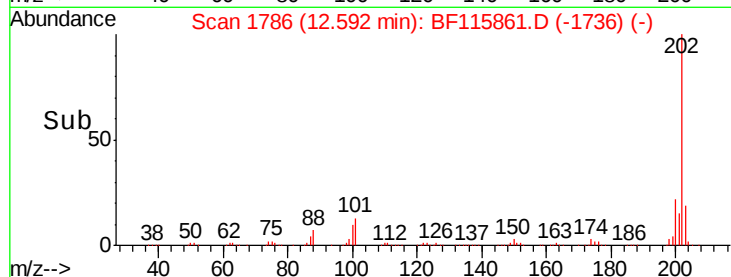
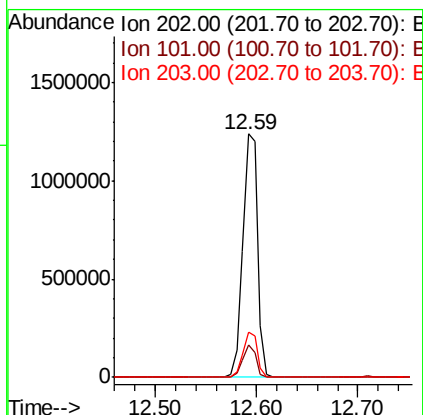
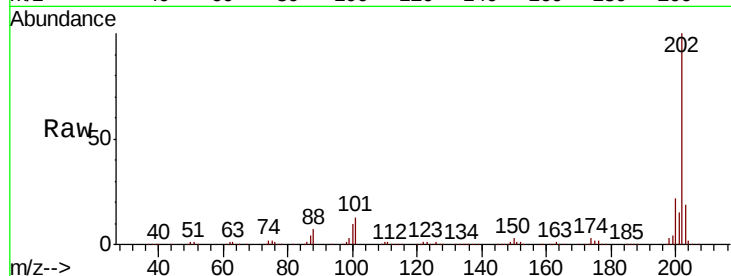




#75
 Fluoranthene
 Concen: 44.652 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

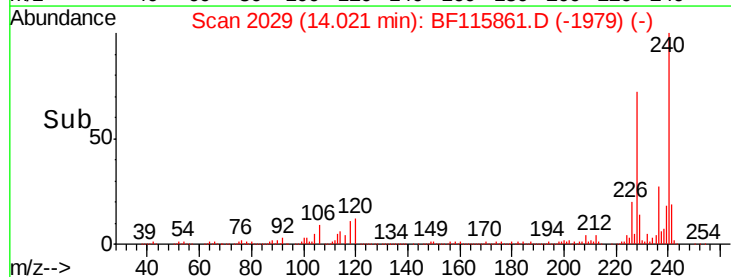
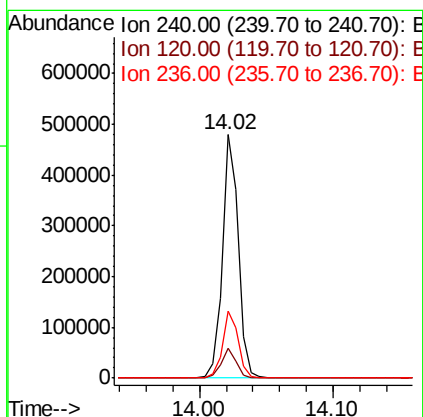
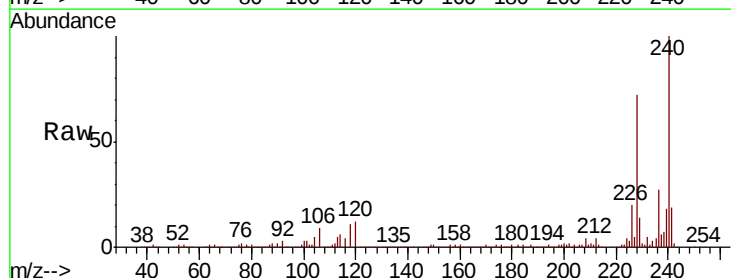
Instrument :
 BNA_F
 ClientSampleId :

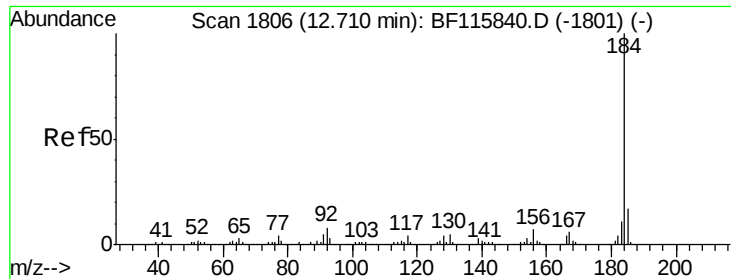
Tot Ion:202 Resp: 1247621
 Ion Ratio Lower Upper
 202 100
 101 13.4 0.0 31.5
 203 18.8 0.0 37.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

Tgt Ion:240 Resp: 402767
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.5 12.7
 236 27.3 22.2 33.2





#77

Benzidine

Concen: 50.002 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

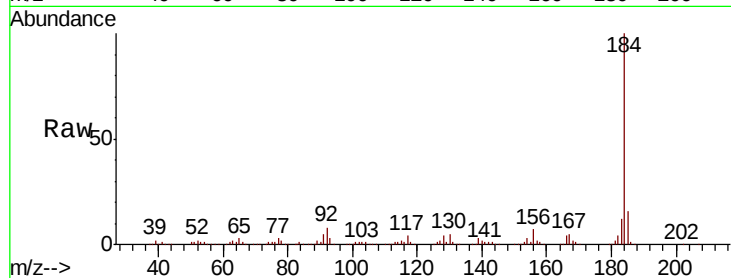
Tot Ion:184 Resp: 680388

Ion Ratio Lower Upper

184 100

185 15.9 13.4 20.2

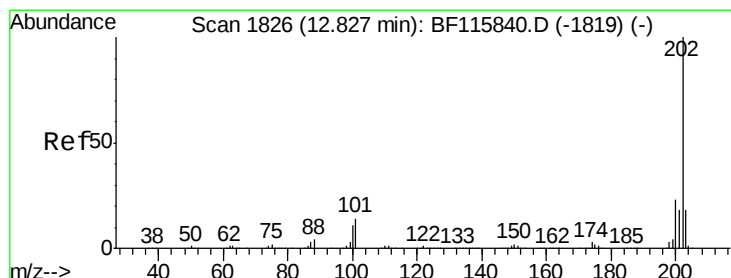
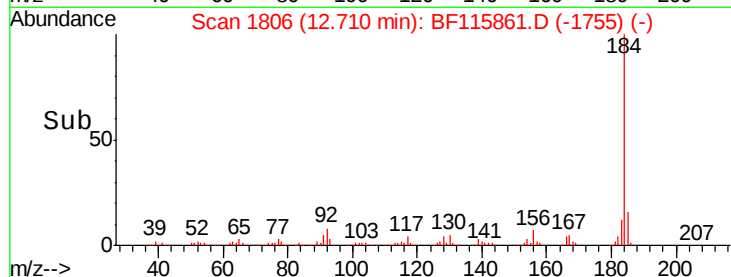
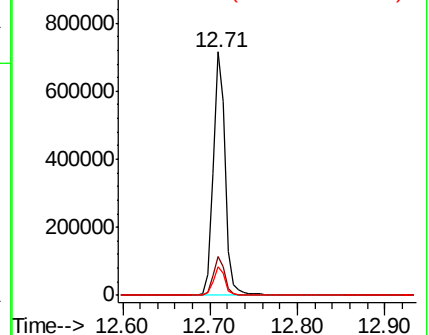
183 11.7 9.1 13.7



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: 42.646 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

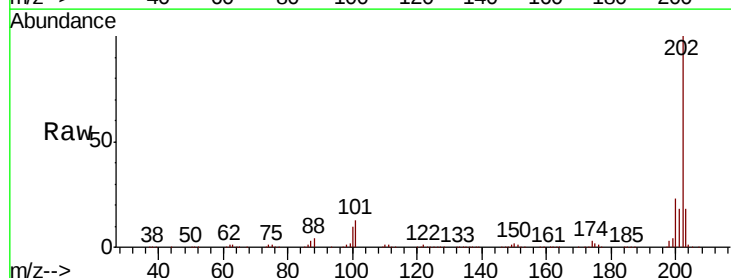
Tgt Ion:202 Resp: 1294771

Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.2

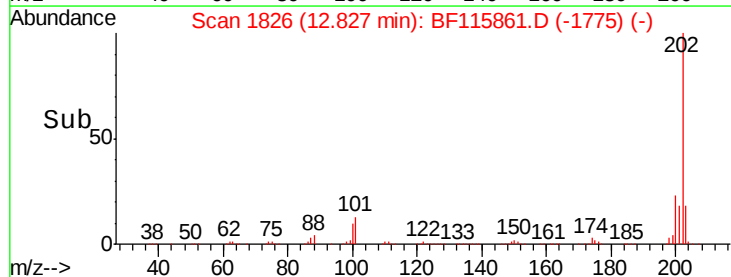
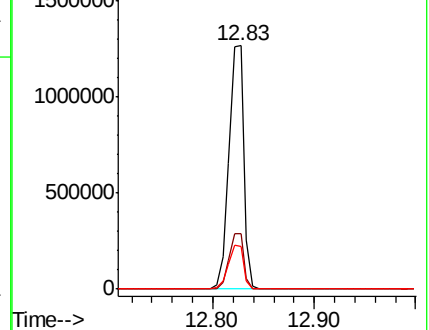
203 17.5 14.3 21.5



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: 79.587 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

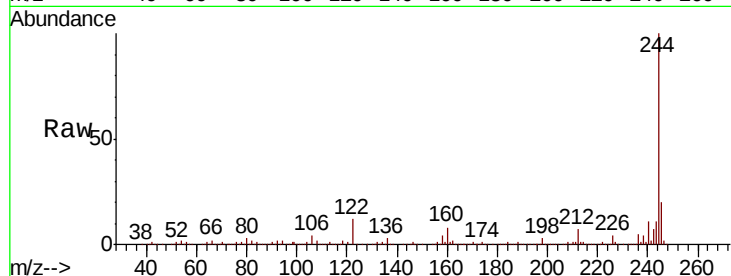
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1521241

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.0	8.6	13.0

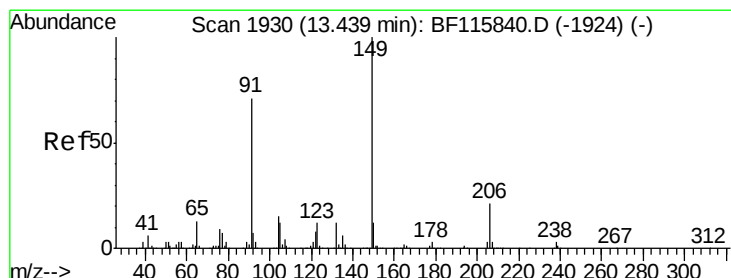
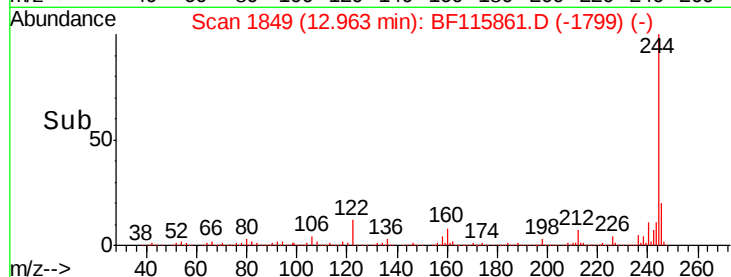
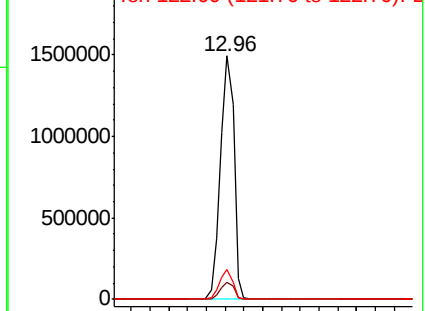


Abundance

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: 41.381 ng

RT: 13.43 min Scan# 1929

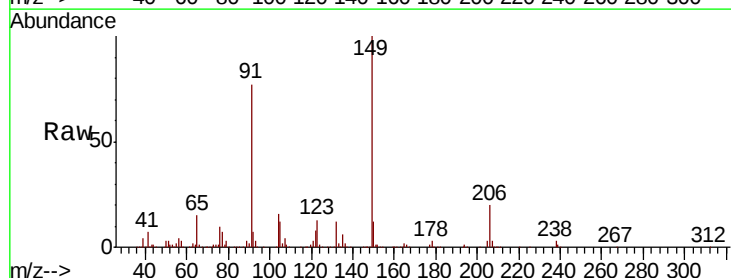
Delta R.T. -0.01 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Tgt Ion:149 Resp: 531455

Ion	Ratio	Lower	Upper
149	100		
91	76.6	57.0	85.6
206	19.6	16.9	25.3

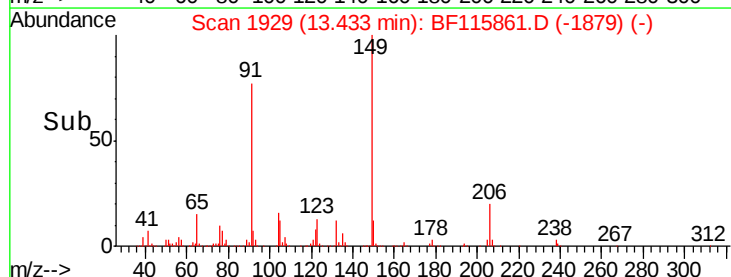
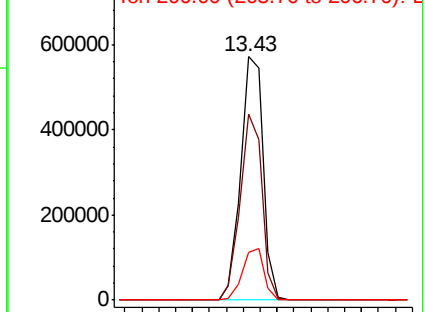


Abundance

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: 42.923 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

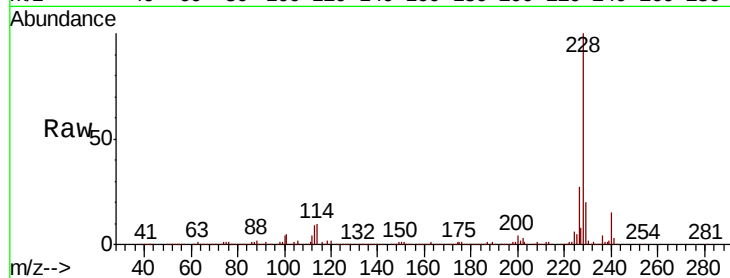
Tot Ion:228 Resp: 1104977

Ion Ratio Lower Upper

228 100

226 27.4 22.5 33.7

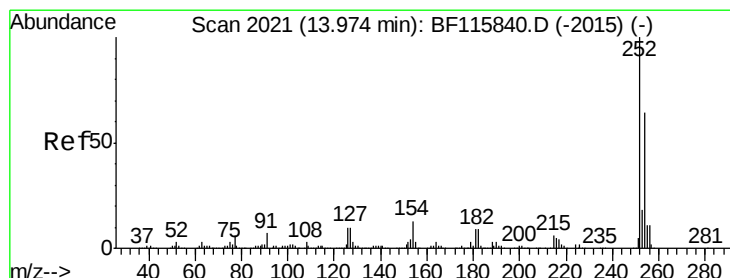
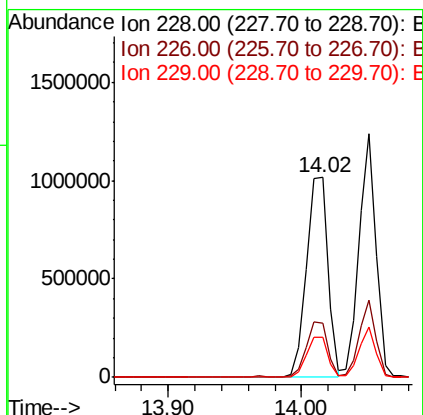
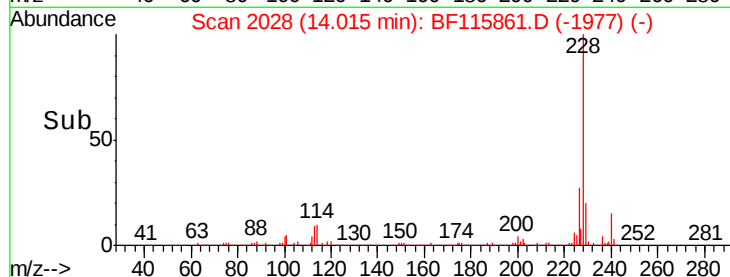
229 19.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.047 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

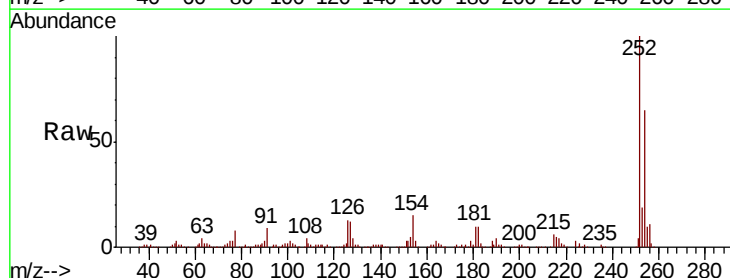
Tgt Ion:252 Resp: 259787

Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

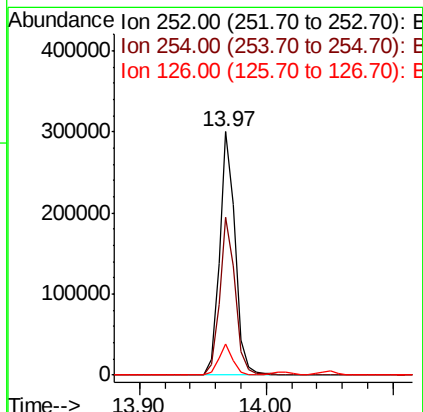
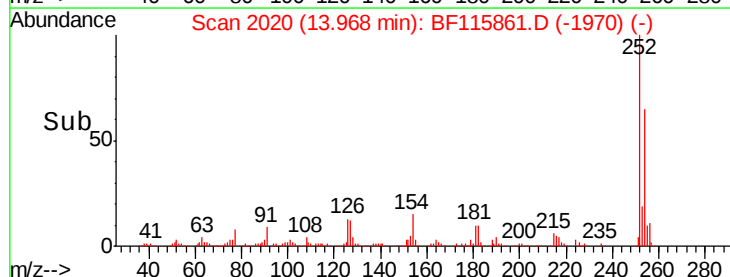
126 12.7 8.1 12.1#



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

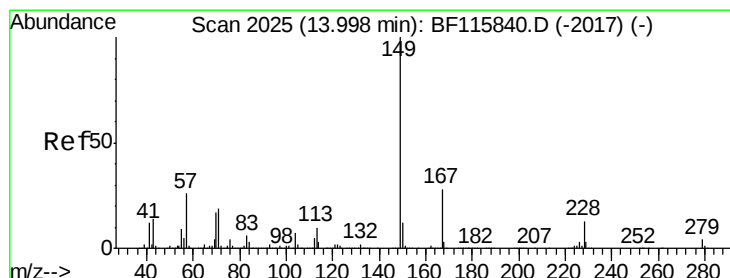
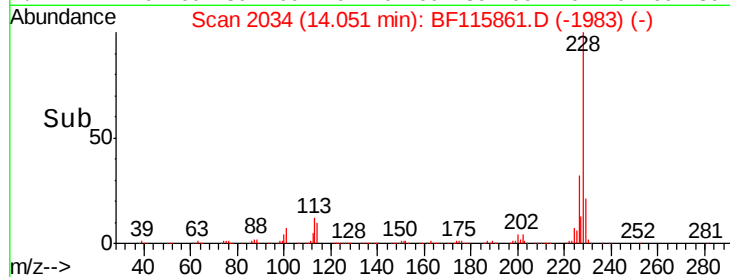
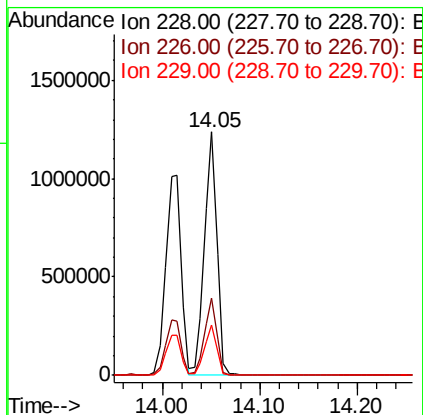
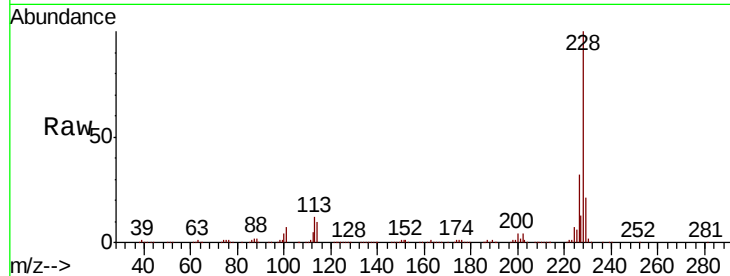




#83
 Chrvsene
 Concen: 44.136 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

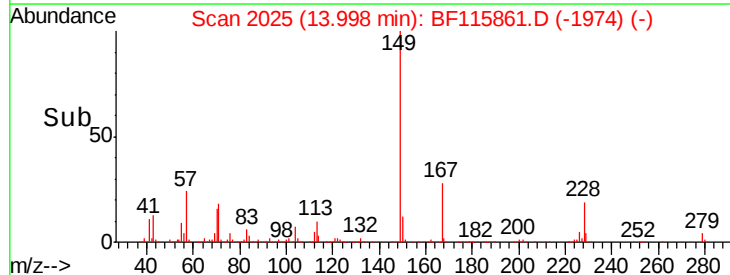
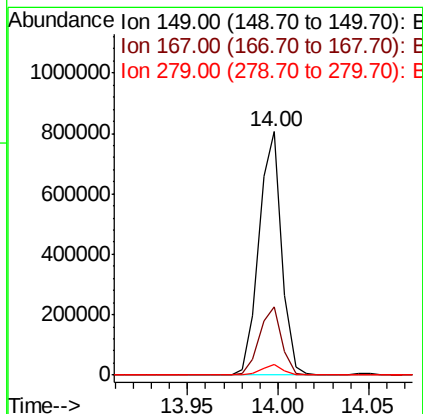
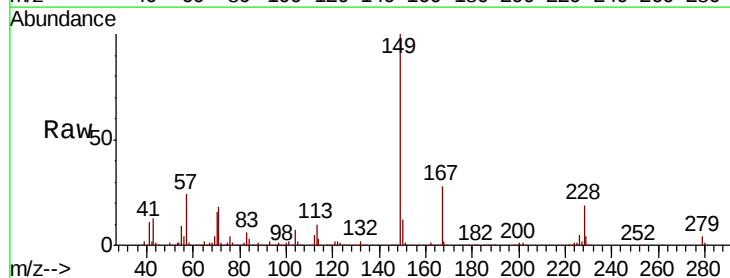
Instrument :
 BNA_F
 ClientSampleId :

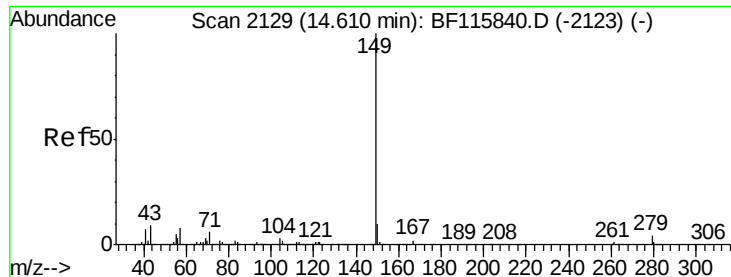
Tot Ion:228 Resp: 1103079
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.8 37.2
 229 20.6 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.085 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF115861.D
 Acq: 31 Jul 2019 13:05

Tgt Ion:149 Resp: 702360
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.4 33.6
 279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 44.449 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

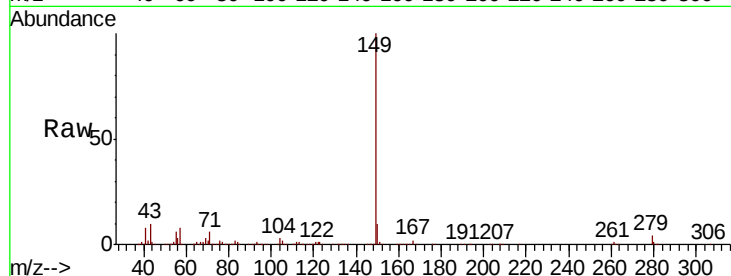
Tot Ion:149 Resp: 1178270

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

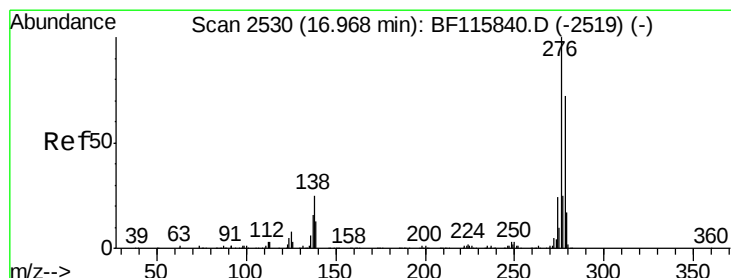
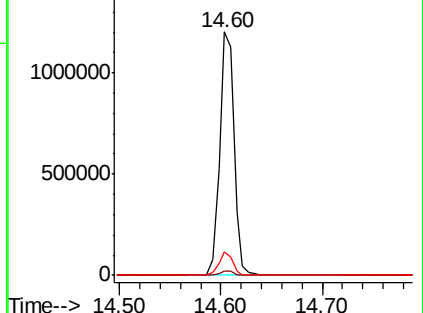
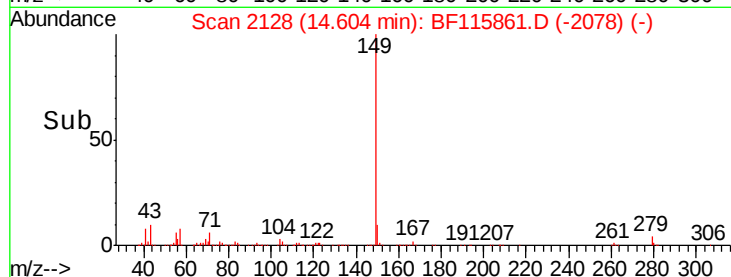
43 9.3 7.4 11.0



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: 45.406 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

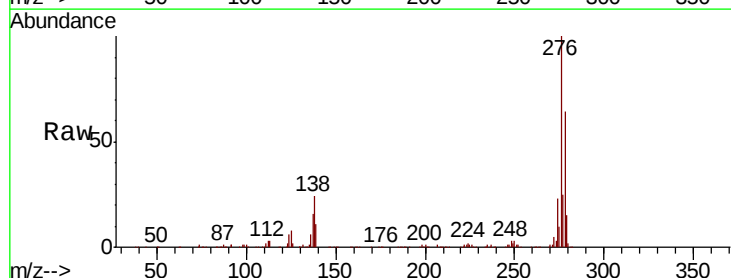
Tgt Ion:276 Resp: 953140

Ion Ratio Lower Upper

276 100

138 24.9 19.6 29.4

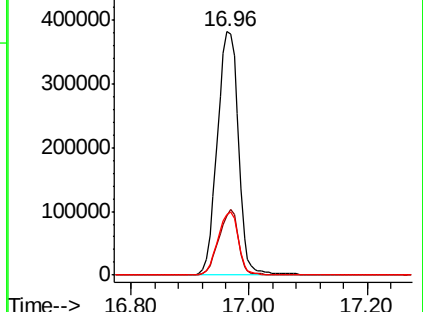
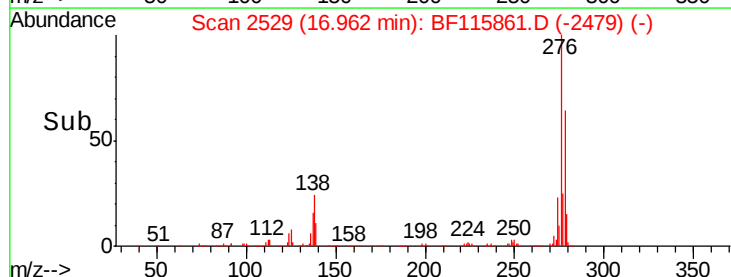
277 25.2 20.1 30.1

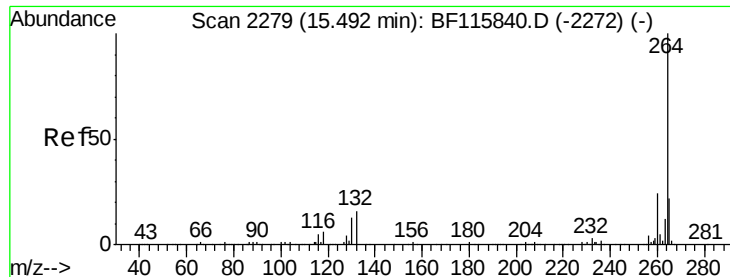


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF115861.D

Acq: 31 Jul 2019 13:05

Instrument :

BNA_F

ClientSampleId :

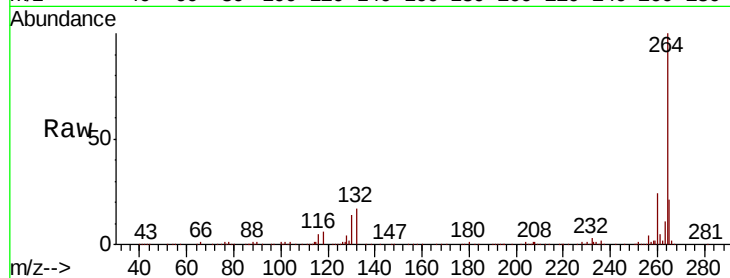
Tot Ion:264 Resp: 403987

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

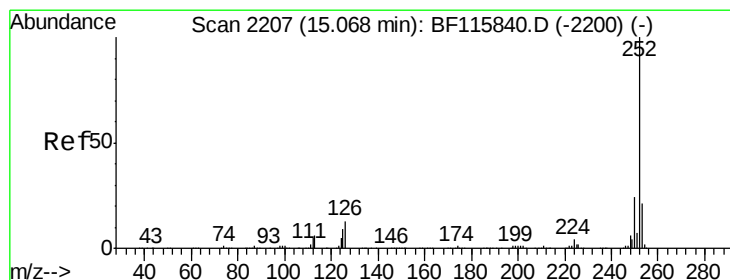
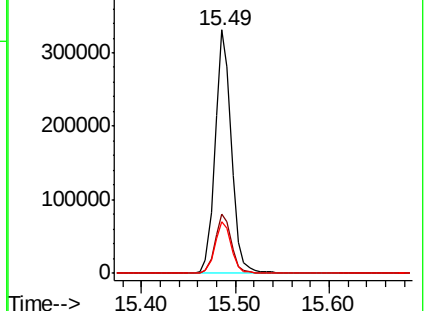
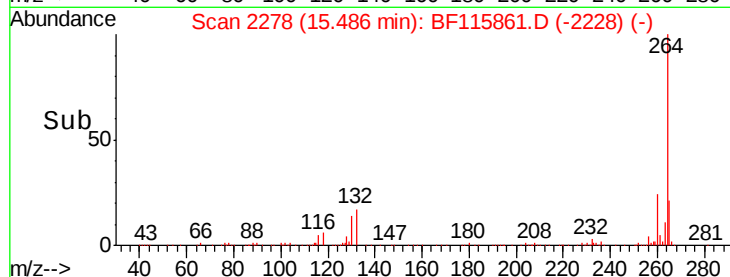
265 21.3 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.798 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF115861.D

Acq: 31 Jul 2019 13:05

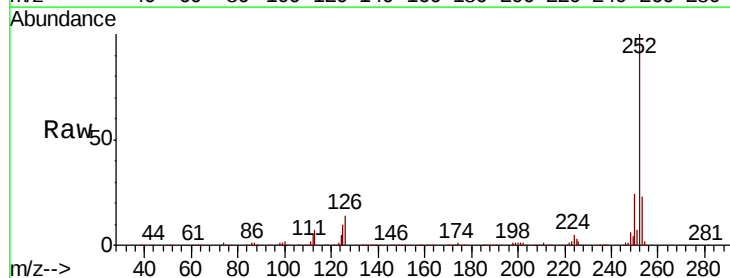
Tgt Ion:252 Resp: 999725

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

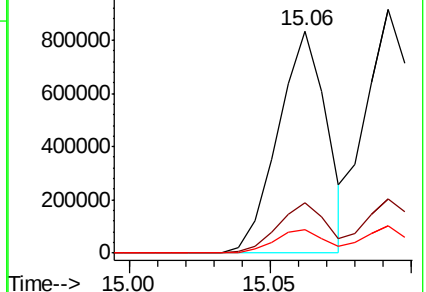
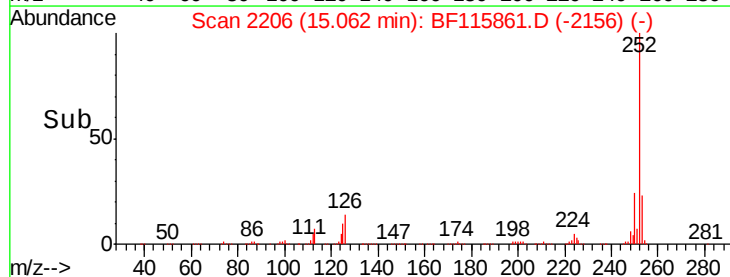
125 10.4 7.4 11.0

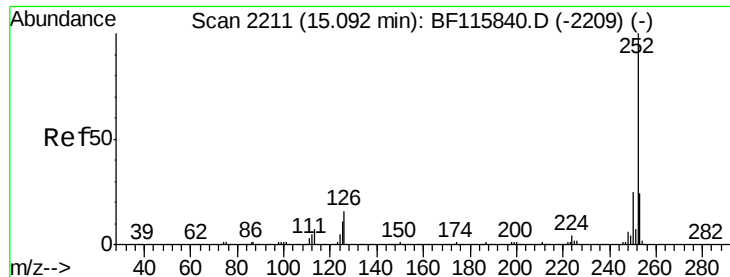


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

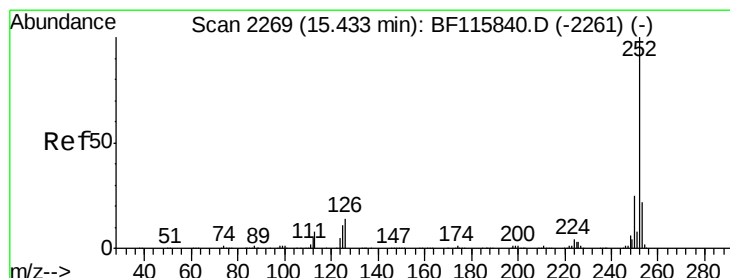
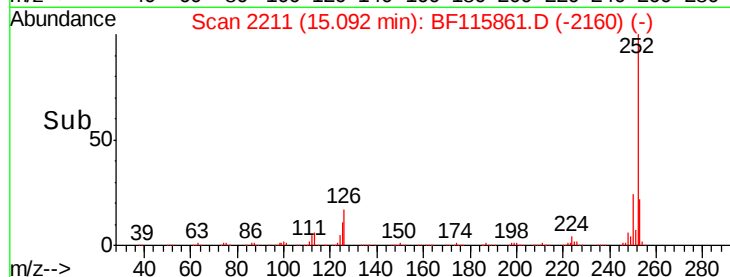
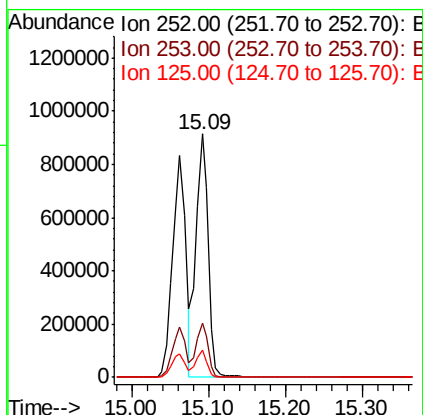
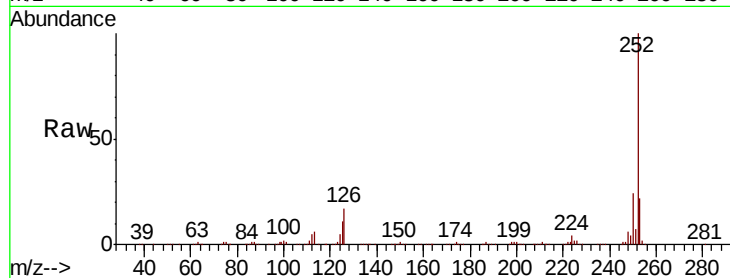




#89
Benzo(k)fluoranthene
Concen: 44.572 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

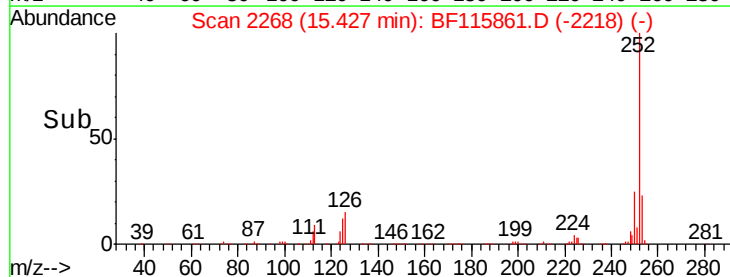
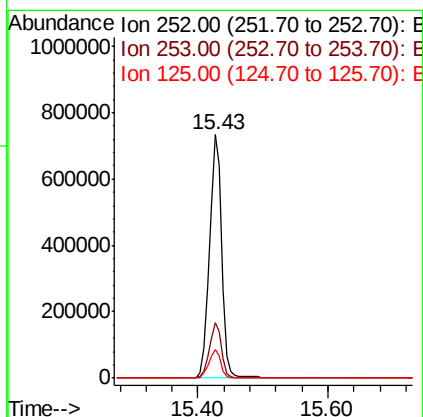
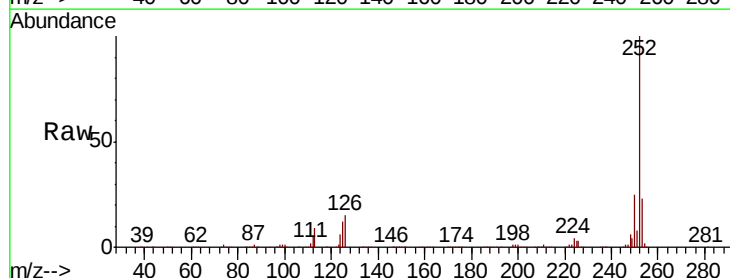
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1014108
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 11.0 8.9 13.3



#90
Benzo(a)pyrene
Concen: 45.557 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion:252 Resp: 951284
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.5 8.8 13.2

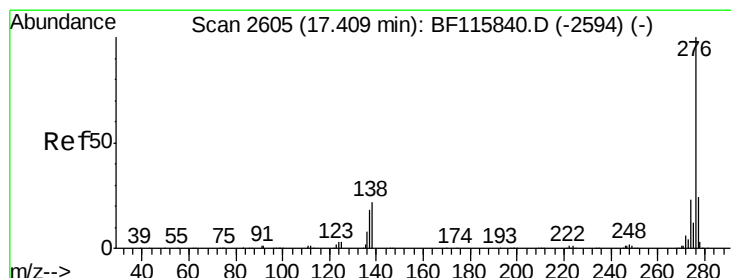
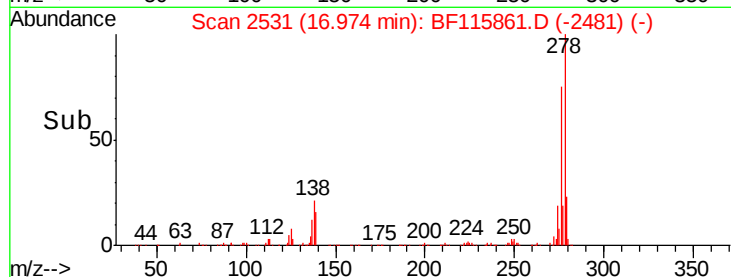
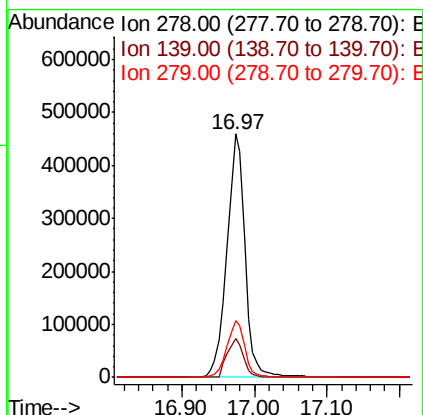
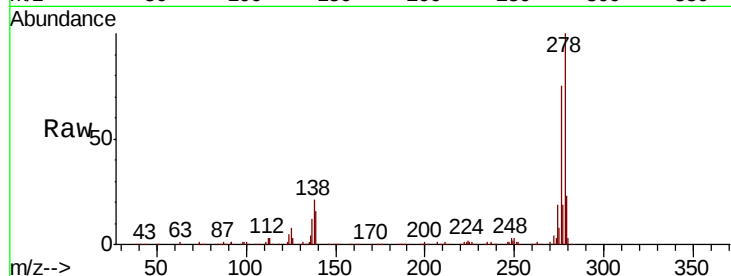




#91
Dibenzo(a,h)anthracene
Concen: 44.234 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	19.0
279	23.2	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 44.522 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.01 min
Lab File: BF115861.D
Acq: 31 Jul 2019 13:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.5	29.3
138	21.5	17.8	26.8

