

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
 Data File : BF115210.D
 Acq On : 26 Jun 2019 9:21
 Operator : HP/JU
 Sample : K3309-08MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 12:11:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	273713	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1093554	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	556565	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1101872	20.00	ng	-0.01
76) Chrysene-d12	13.73	240	864067	20.00	ng	-0.02
87) Perylene-d12	15.09	264	905002	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	738547	41.64	ng	0.00
7) Phenol-d6	6.24	99	651069	30.24	ng	-0.01
23) Nitrobenzene-d5	7.17	82	757428	42.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	346741	59.08	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1534315	46.83	ng	-0.02
79) Terphenyl-d14	12.70	244	1923705	47.34	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.23	88	137481	16.424	ng	99
3) Pyridine	2.88	79	358068	15.176	ng	98
4) n-Nitrosodimethylamine	2.81	42	134345	14.525	ng	# 98
6) Aniline	6.27	93	434649	14.690	ng	93
8) 2-Chlorophenol	6.40	128	371392	18.621	ng	97
9) Benzaldehyde	6.15	77	81731	5.819	ng	99
10) Phenol	6.26	94	280094	11.107	ng	79
11) bis(2-Chloroethyl)ether	6.35	93	376842	20.272	ng	99
12) 1,3-Dichlorobenzene	6.55	146	434010	19.608	ng	97
13) 1,4-Dichlorobenzene	6.63	146	460122	20.730	ng	99
14) 1,2-Dichlorobenzene	6.78	146	419868	20.427	ng	98
15) Benzyl Alcohol	6.75	79	317113	20.229	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	507789	18.834	ng	96
17) 2-Methylphenol	6.87	107	300771	18.270	ng	98
18) Hexachloroethane	7.12	117	154267	19.278	ng	98
19) n-Nitroso-di-n-propylamine	7.02	70	262542	19.048	ng	97
20) 3+4-Methylphenols	7.02	107	332820	17.509	ng	97
22) Acetophenone	7.02	105	555511	22.189	ng	# 93
24) Nitrobenzene	7.19	77	407999	20.833	ng	100
25) Isophorone	7.43	82	735127	20.187	ng	98
26) 2-Nitrophenol	7.51	139	194718	20.133	ng	99
27) 2,4-Dimethylphenol	7.55	122	330763	20.888	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	459960	19.983	ng	100
29) 2,4-Dichlorophenol	7.75	162	313178	19.164	ng	98
30) 1,2,4-Trichlorobenzene	7.84	180	371969	20.607	ng	99
31) Naphthalene	7.91	128	1159479	21.600	ng	98
33) 4-Chloroaniline	7.96	127	390017	15.898	ng	99
34) Hexachlorobutadiene	8.04	225	199068	20.124	ng	99
35) Caprolactam	8.31	113	36065	6.564	ng	98
36) 4-Chloro-3-methylphenol	8.44	107	327983	19.818	ng	99
37) 2-Methylnaphthalene	8.60	142	791747	21.875	ng	98
38) 1-Methylnaphthalene	8.70	142	816602	23.623	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	339513	21.587	ng	99
41) Hexachlorocyclopentadiene	8.77	237	353795	37.937	ng	99

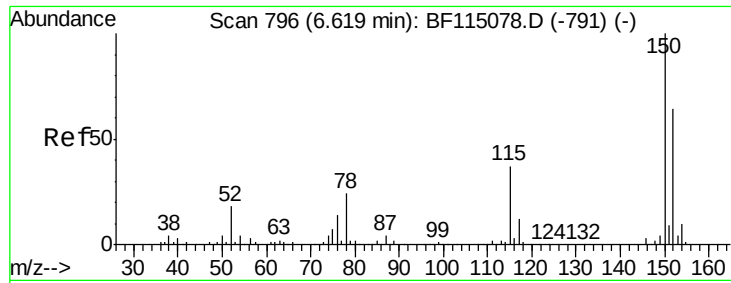
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.88	196	216012	17.790	ng	99
44) 2,4,5-Trichlorophenol	8.92	196	246617	19.723	ng	97
46) 1,1'-Biphenyl	9.07	154	954301	21.429	ng	99
47) 2-Chloronaphthalene	9.08	162	751070	20.792	ng	98
48) 2-Nitroaniline	9.18	65	227490	21.601	ng	97
49) Acenaphthylene	9.50	152	1184173	21.040	ng	99
50) Dimethylphthalate	9.37	163	959216	23.425	ng	99
51) 2,6-Dinitrotoluene	9.42	165	197045	20.844	ng	93
52) Acenaphthene	9.67	154	852798	24.215	ng	99
53) 3-Nitroaniline	9.58	138	171966	14.906	ng	99
54) 2,4-Dinitrophenol	9.69	184	64570	19.399	ng	94
55) Dibenzofuran	9.84	168	1057059	20.912	ng	97
56) 4-Nitrophenol	9.75	139	201108	21.744	ng	96
57) 2,4-Dinitrotoluene	9.82	165	267694	21.930	ng	94
58) Fluorene	10.18	166	870586	22.588	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	198709	18.952	ng	97
60) Diethylphthalate	10.07	149	865988	21.039	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	368474	19.128	ng	97
62) 4-Nitroaniline	10.19	138	260018	22.467	ng	98
63) Azobenzene	10.34	77	785200	20.424	ng	98
65) 4,6-Dinitro-2-methylphenol	10.22	198	65537	14.983	ng	89
66) n-Nitrosodiphenylamine	10.30	169	730957	21.293	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	250305	20.952	ng	95
68) Hexachlorobenzene	10.73	284	273289	21.075	ng	96
69) Atrazine	10.82	200	234799	21.262	ng	99
70) Pentachlorophenol	10.92	266	230370	27.886	ng	99
71) Phenanthrene	11.14	178	1348703	22.734	ng	99
72) Anthracene	11.18	178	1320752	22.054	ng	100
73) Carbazole	11.34	167	1173884	21.952	ng	99
74) Di-n-butylphthalate	11.69	149	1372603	22.212	ng	100
75) Fluoranthene	12.31	202	1340475	22.646	ng	97
77) Benzidine	12.44	184	382903	9.980	ng	# 92
78) Pyrene	12.54	202	1357067	20.437	ng	100
80) Butylbenzylphthalate	13.17	149	623902	21.290	ng	97
81) Benzo(a)anthracene	13.72	228	1234538	19.912	ng	99
82) 3,3'-Dichlorobenzidine	13.68	252	253574	11.326	ng	99
83) Chrysene	13.75	228	1207829	21.267	ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	854511	22.254	ng	100
85) Di-n-octyl phthalate	14.35	149	1466824	22.736	ng	99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1213693	18.060	ng	99
88) Benzo(b)fluoranthene	14.72	252	1270963	22.507	ng	100
89) Benzo(k)fluoranthene	14.74	252	1127981	22.274	ng	98
90) Benzo(a)pyrene	15.04	252	1144280	22.482	ng	98
91) Dibenzo(a,h)anthracene	16.38	278	1017514	21.414	ng	97
92) Benzo(g,h,i)perylene	16.74	276	991761	20.623	ng	98

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

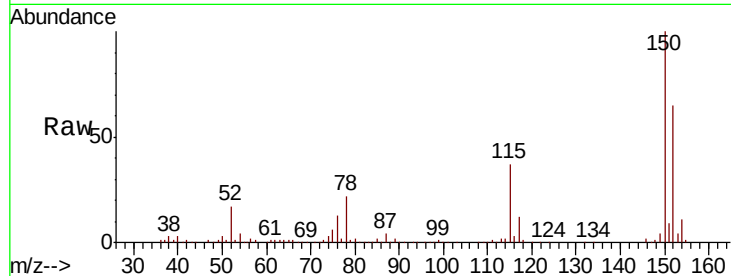


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	56.6	46.1	69.1

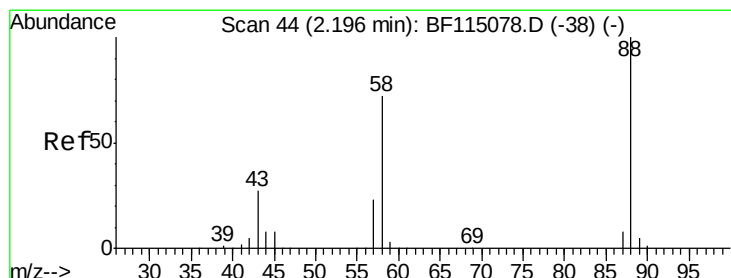
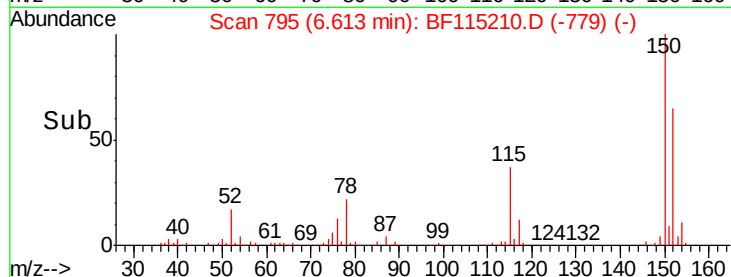
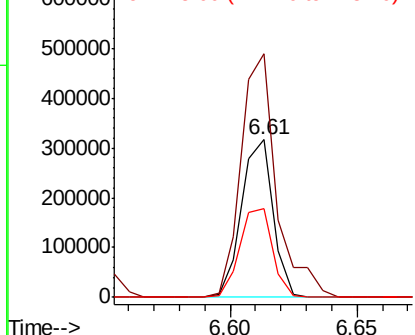


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

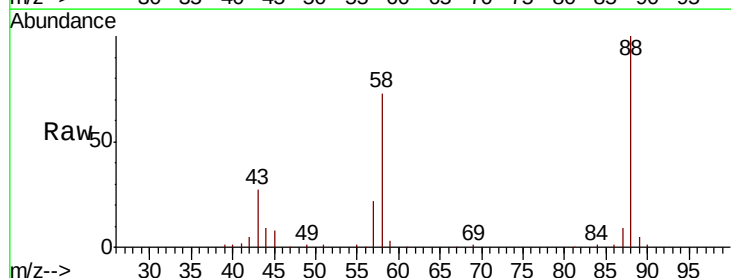
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 16.424 ng
RT: 2.23 min Scan# 49
Delta R.T. 0.03 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	56.1	84.1
43	26.5	21.3	31.9

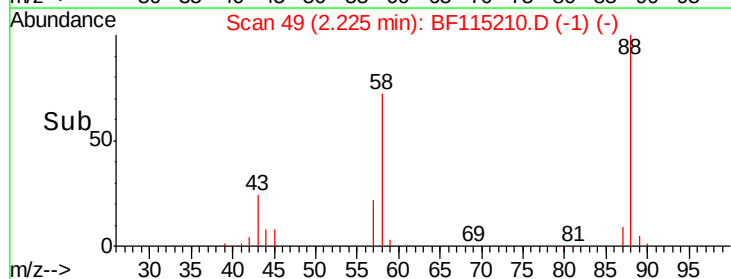
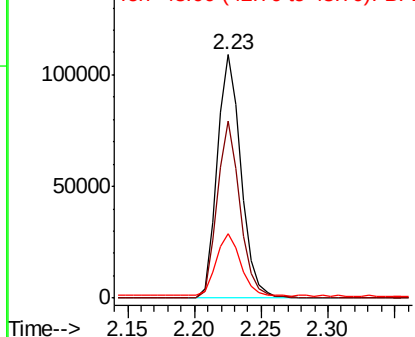


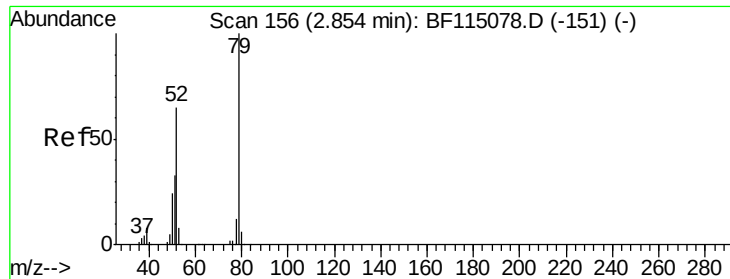
Abundance

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: 15.176 ng

RT: 2.88 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

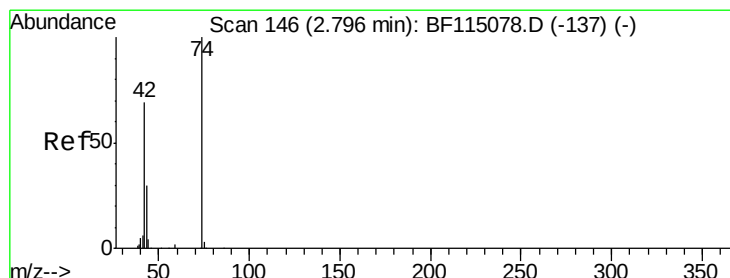
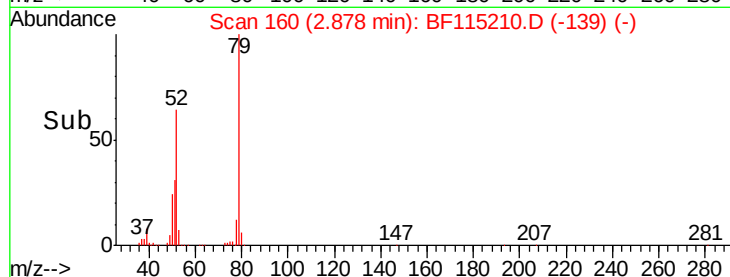
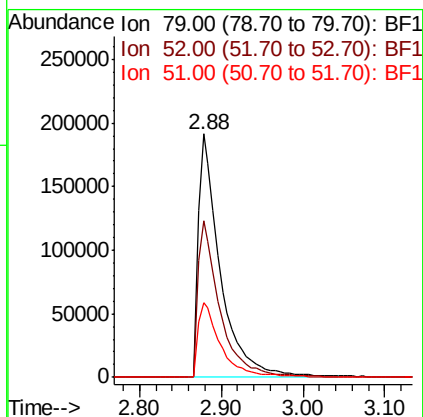
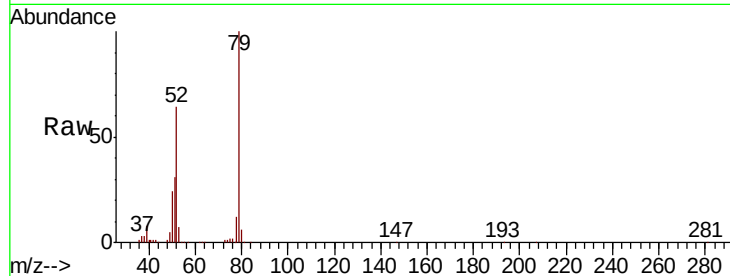
Tot Ion: 79 Resp: 358068

Ion Ratio Lower Upper

79 100

52 64.1 52.3 78.5

51 30.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 14.525 ng

RT: 2.81 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

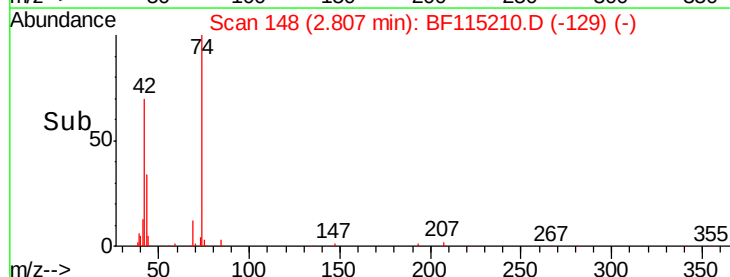
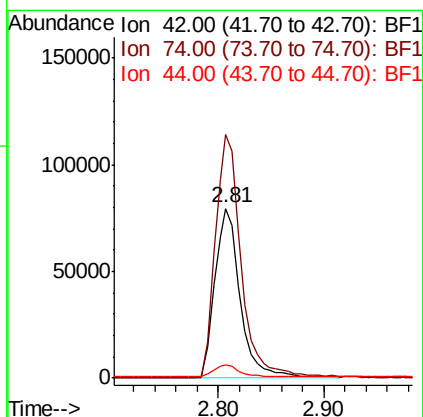
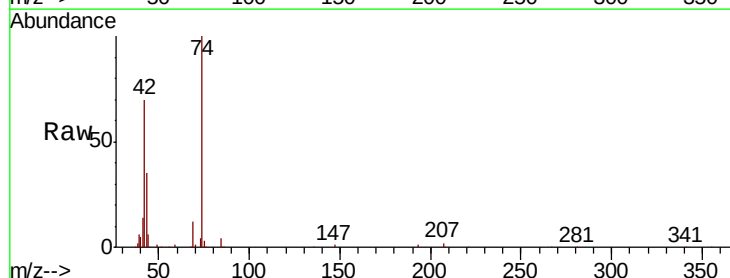
Tgt Ion: 42 Resp: 134345

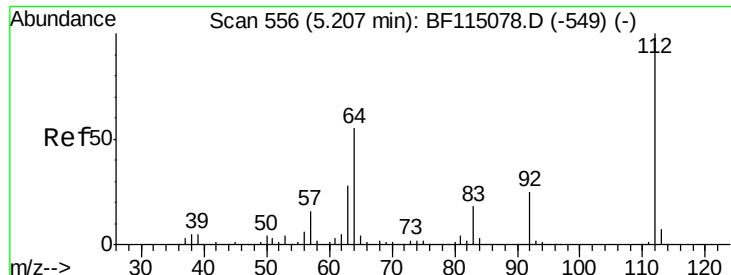
Ion Ratio Lower Upper

42 100

74 143.4 116.6 175.0

44 8.0 5.3 7.9#





#5

2-Fluorophenol

Concen: 41.639 ng

RT: 5.21 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

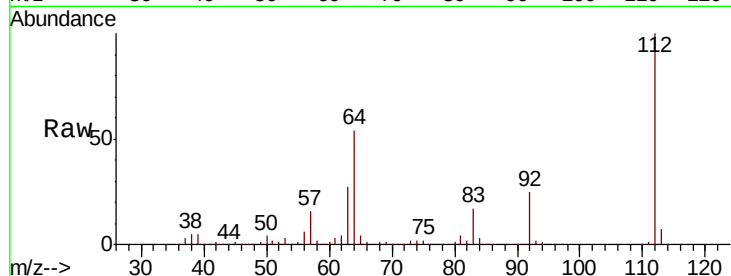
Tot Ion: 112 Resp: 738547

Ion Ratio Lower Upper

112 100

64 54.0 43.8 65.6

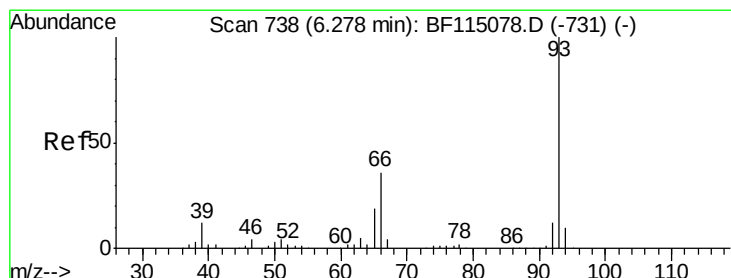
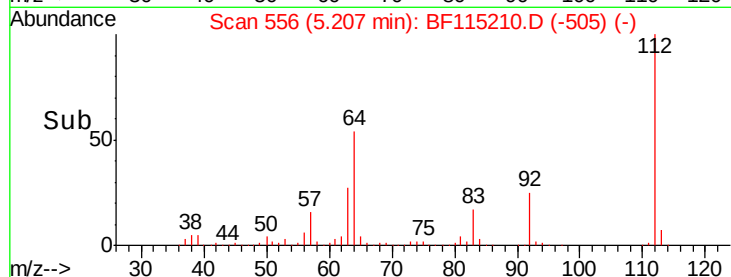
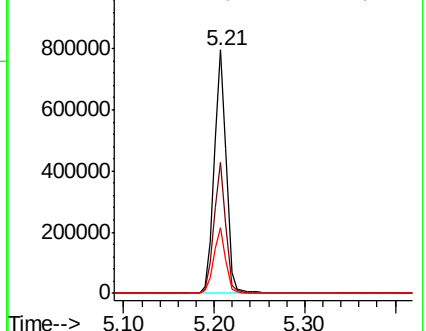
63 27.2 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.690 ng

RT: 6.27 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

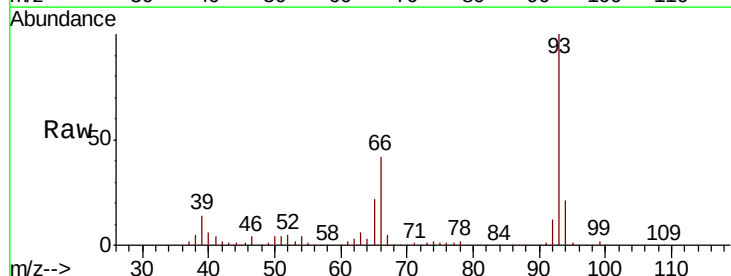
Tgt Ion: 93 Resp: 434649

Ion Ratio Lower Upper

93 100

66 41.6 30.0 45.0

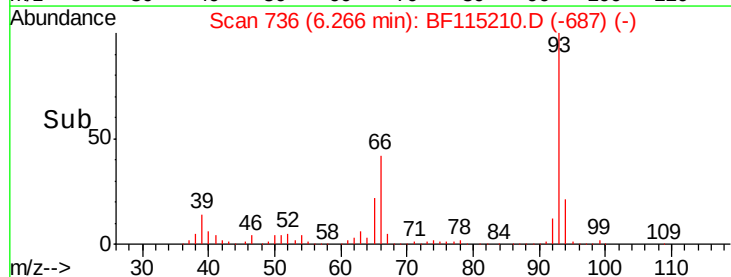
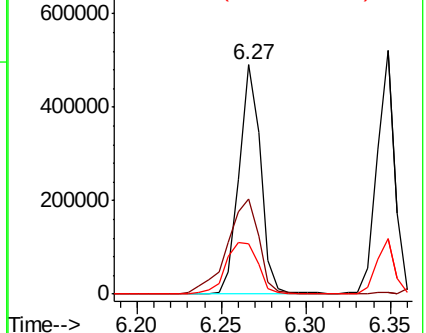
65 22.2 15.6 23.4

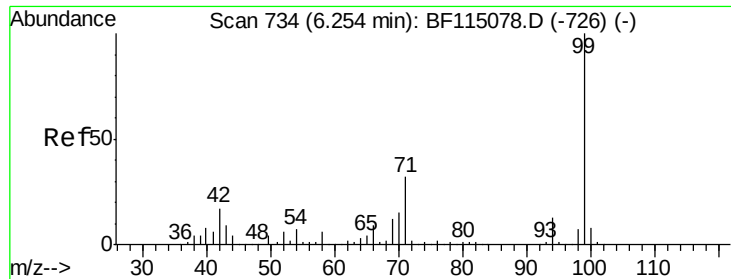


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 30.242 ng

RT: 6.24 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampled :

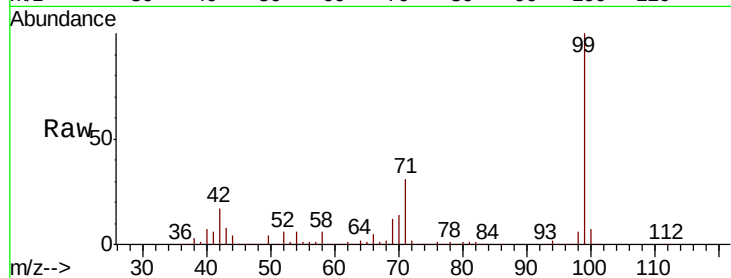
Tot Ion: 99 Resp: 651069

Ion Ratio Lower Upper

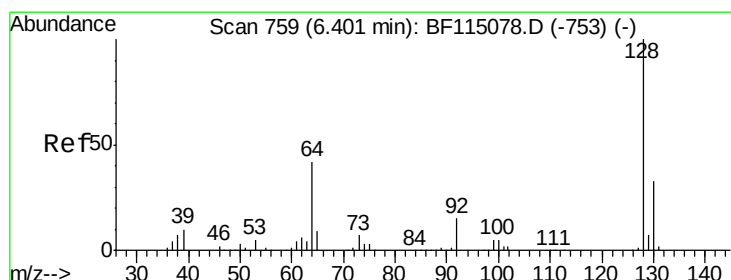
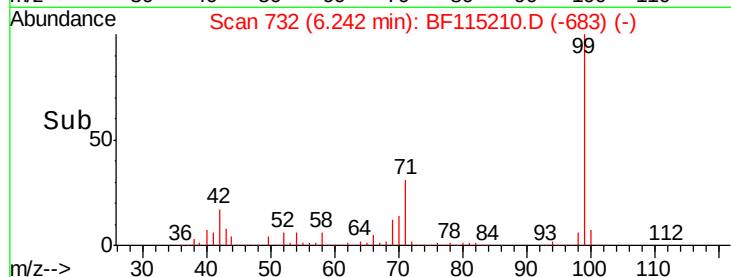
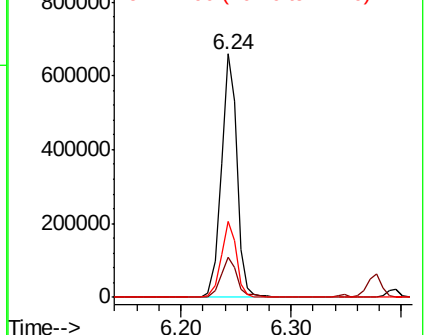
99 100

42 16.6 13.6 20.4

71 31.4 25.5 38.3



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: 18.621 ng

RT: 6.40 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

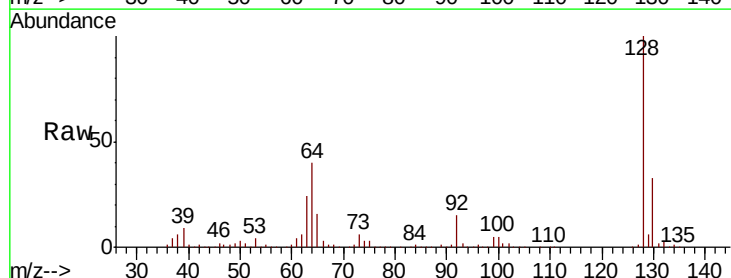
Tgt Ion: 128 Resp: 371392

Ion Ratio Lower Upper

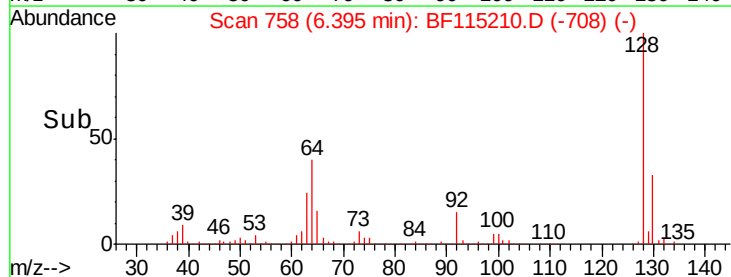
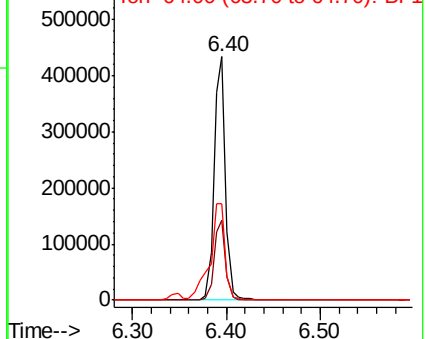
128 100

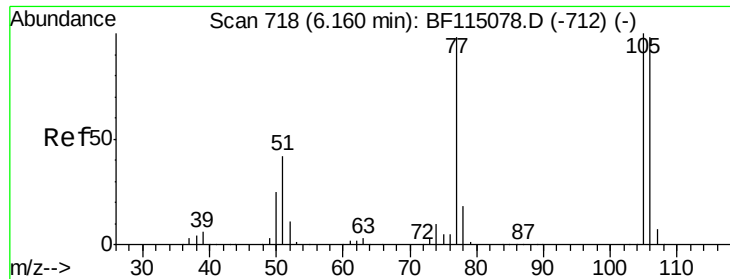
130 32.9 12.9 52.9

64 39.6 22.9 62.9



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: 5.819 ng

RT: 6.15 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampled :

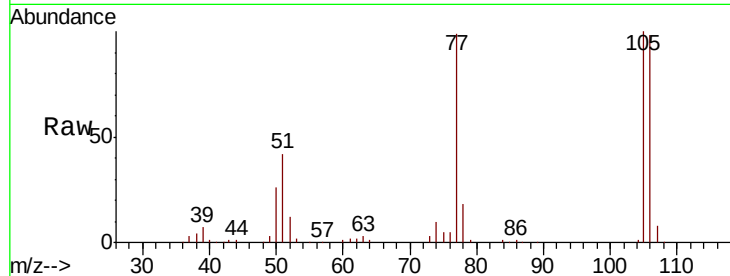
Tot Ion: 77 Resp: 81731

Ion Ratio Lower Upper

77 100

105 100.8 81.5 121.5

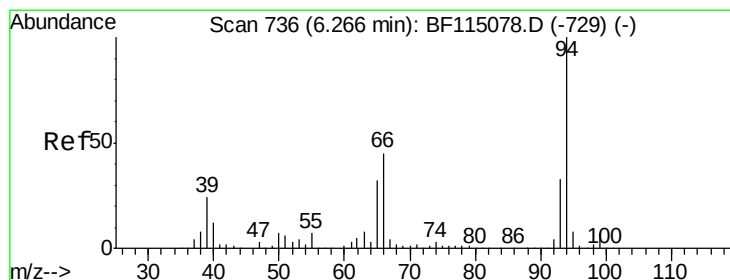
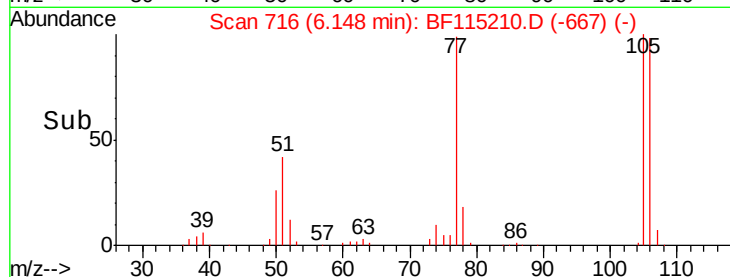
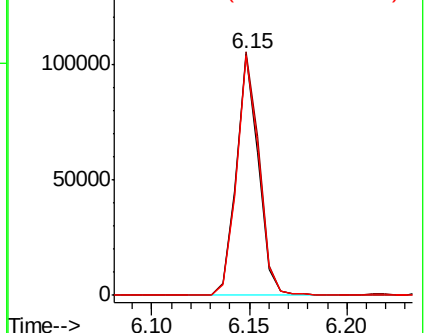
106 99.2 79.7 119.7



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: 11.107 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

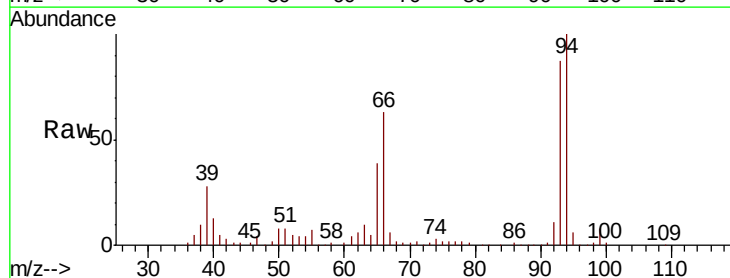
Tgt Ion: 94 Resp: 280094

Ion Ratio Lower Upper

94 100

65 39.4 11.9 51.9

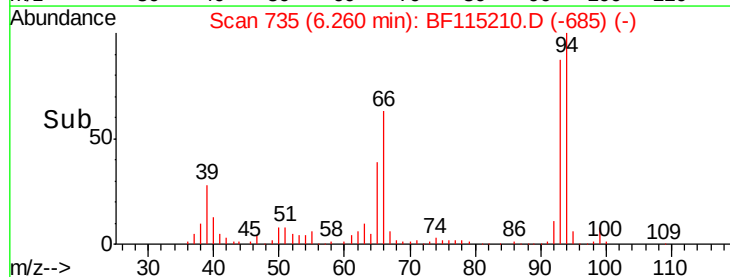
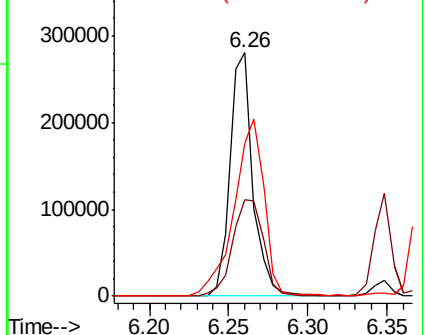
66 63.0 25.2 65.2

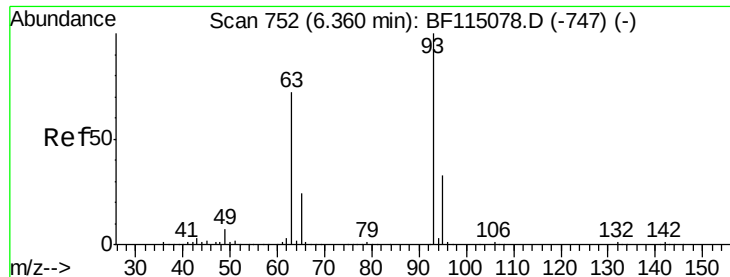


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

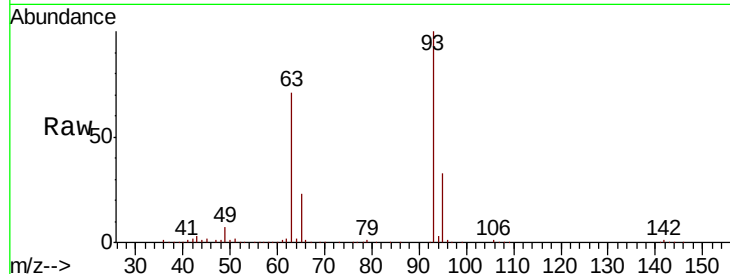




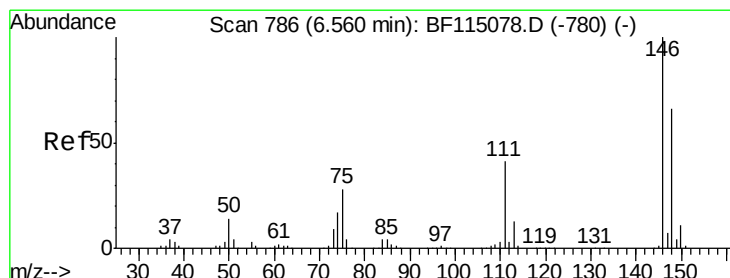
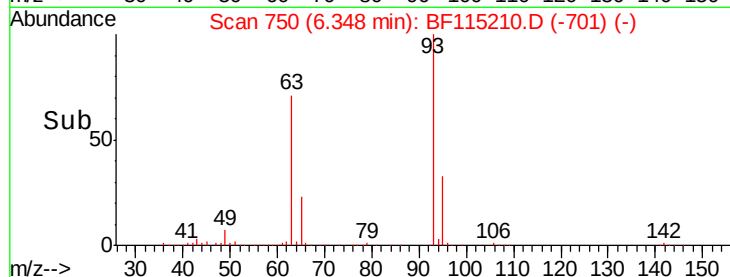
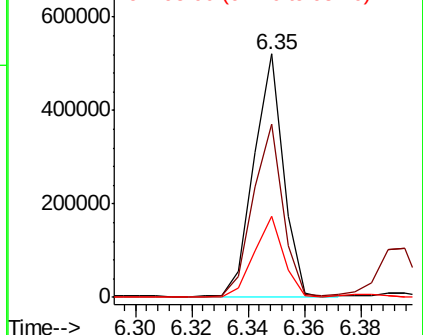
#11
bis(2-Chloroethyl)ether
Concen: 20.272 ng
RT: 6.35 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	51.5	91.5
95	33.1	13.4	53.4

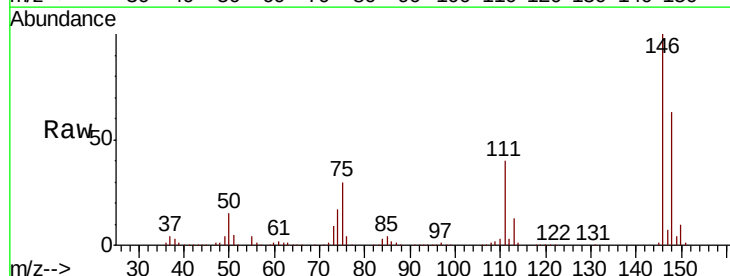


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

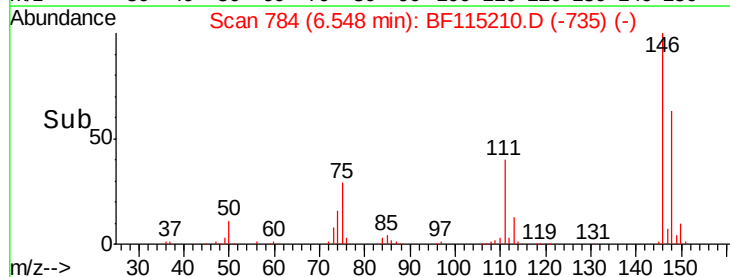
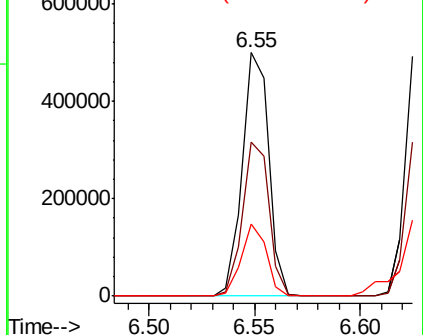


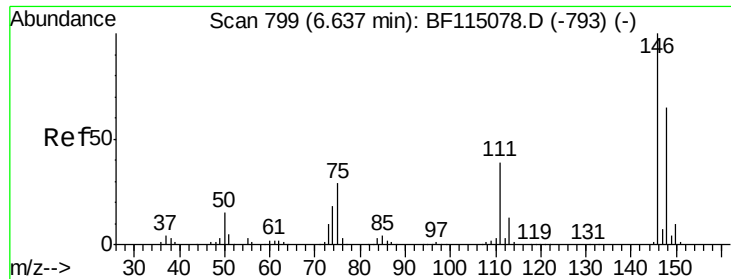
#12
1,3-Dichlorobenzene
Concen: 19.608 ng
RT: 6.55 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.6	78.8
75	29.5	22.6	34.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

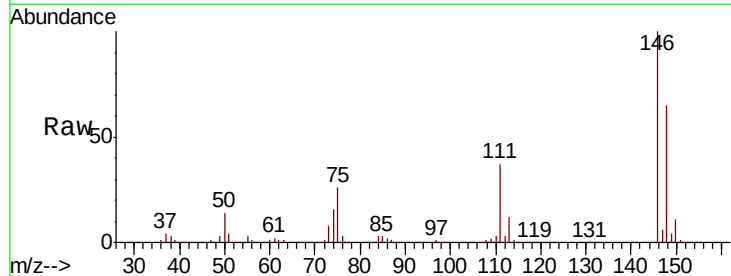




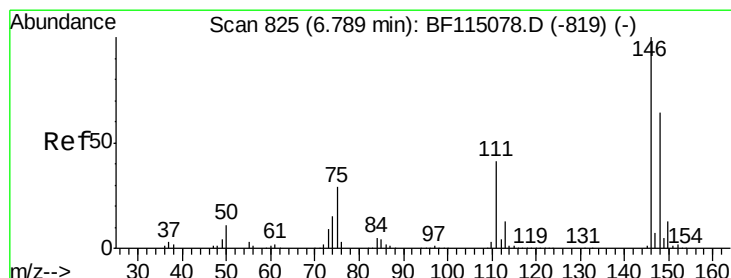
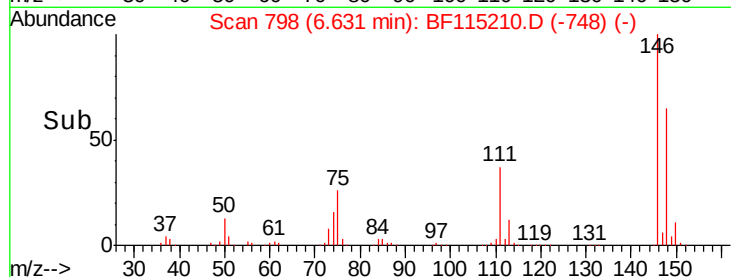
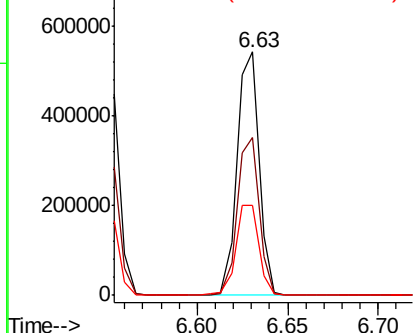
#13
 1,4-Dichlorobenzene
 Concen: 20.730 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.9	77.9
111	37.1	31.4	47.0

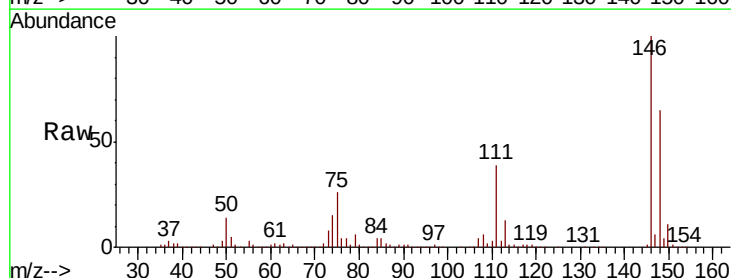


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

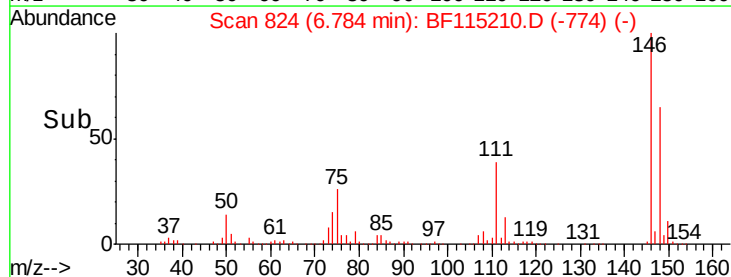
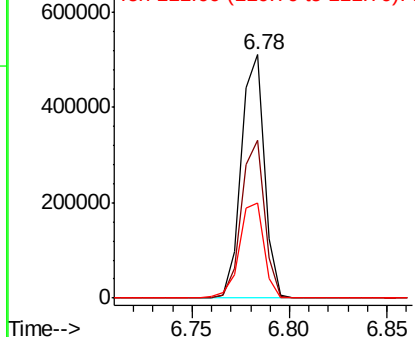


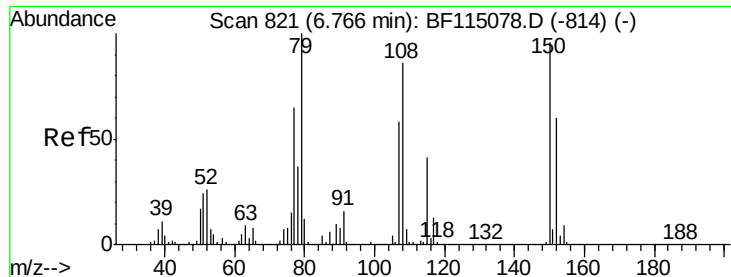
#14
 1,2-Dichlorobenzene
 Concen: 20.427 ng
 RT: 6.78 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	39.2	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





#15

Benzyl Alcohol

Concen: 20.229 ng

RT: 6.75 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampled :

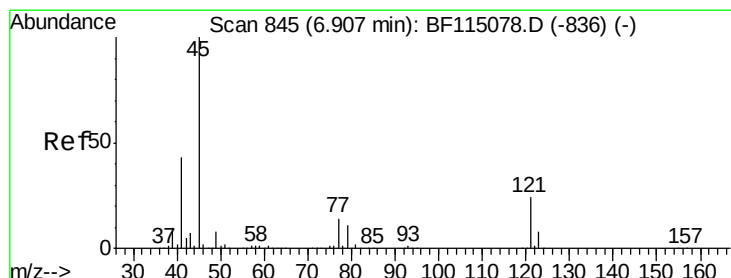
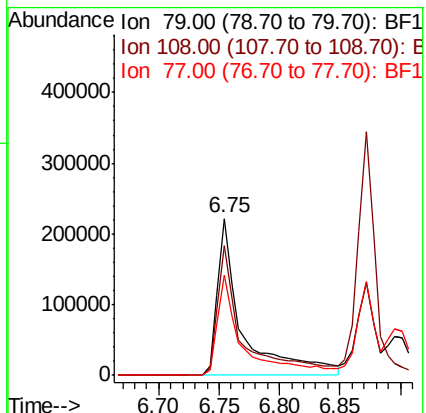
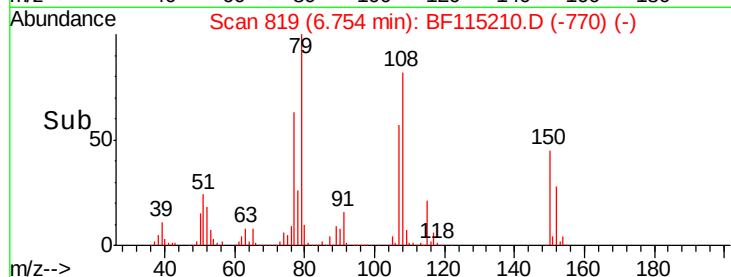
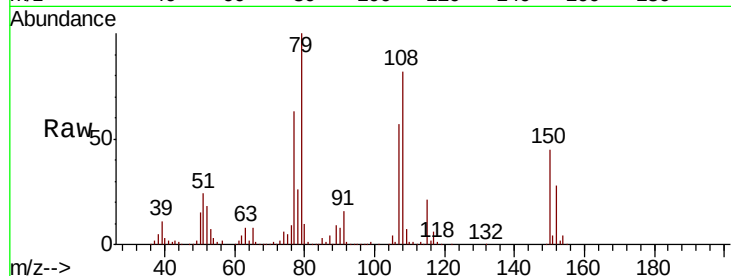
Tot Ion: 79 Resp: 317113

Ion Ratio Lower Upper

79 100

108 82.3 68.7 103.1

77 63.4 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 18.834 ng

RT: 6.90 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

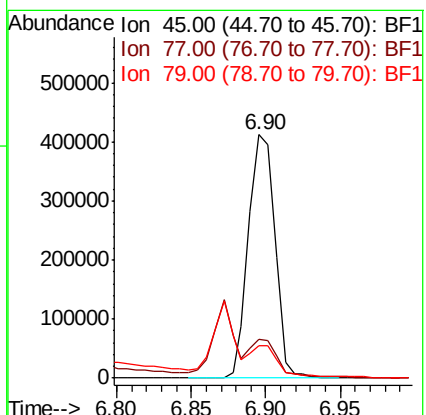
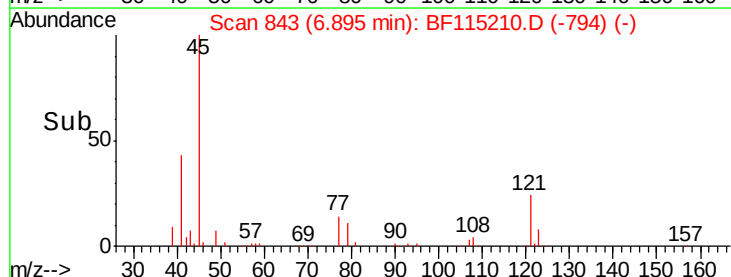
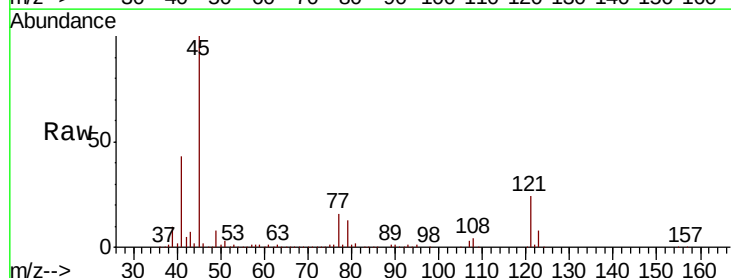
Tgt Ion: 45 Resp: 507789

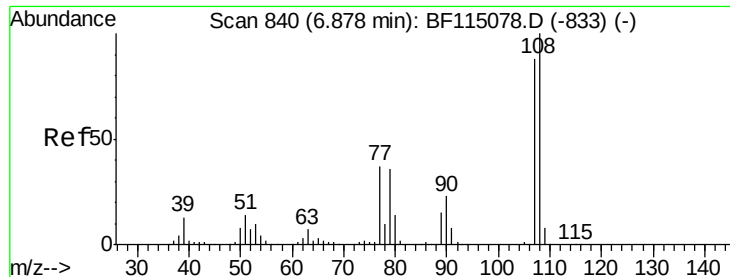
Ion Ratio Lower Upper

45 100

77 15.8 0.0 34.6

79 13.2 0.0 31.2





#17

2-Methylphenol

Concen: 18.270 ng

RT: 6.87 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 300771

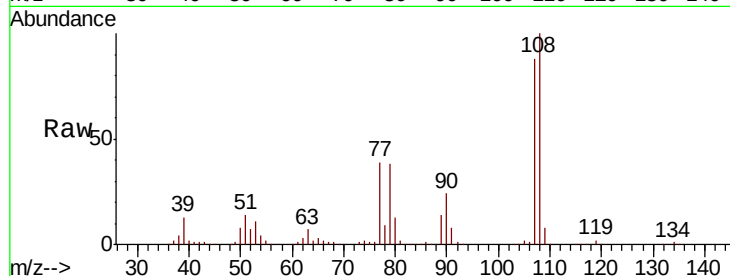
Ion Ratio Lower Upper

107 100

108 113.2 90.9 136.3

77 43.8 33.4 50.2

79 42.8 32.3 48.5

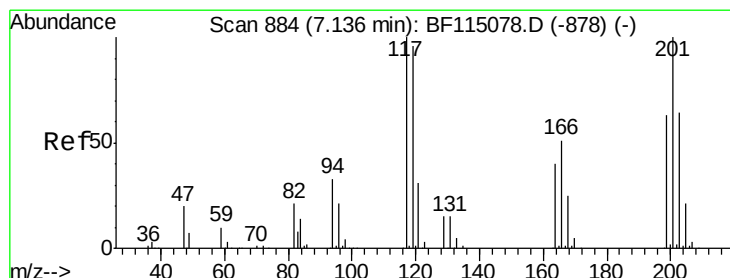
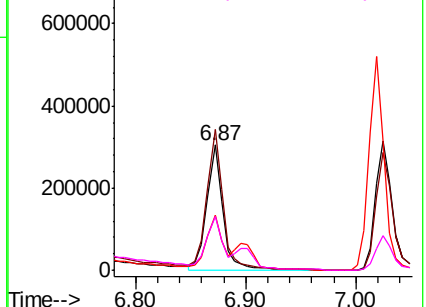
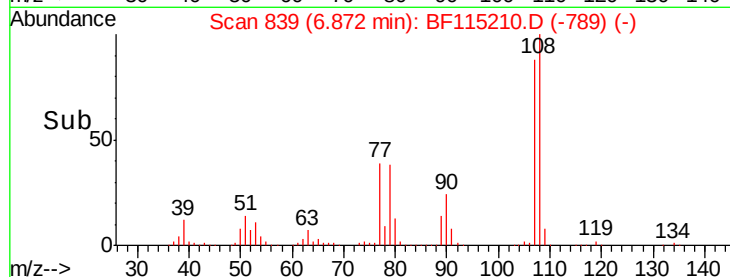


Abundance Ion 107.00 (106.70 to 107.70): E

800000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 19.278 ng

RT: 7.12 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

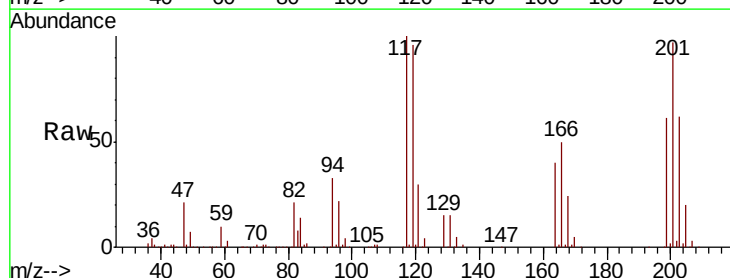
Tgt Ion:117 Resp: 154267

Ion Ratio Lower Upper

117 100

119 96.1 76.6 114.8

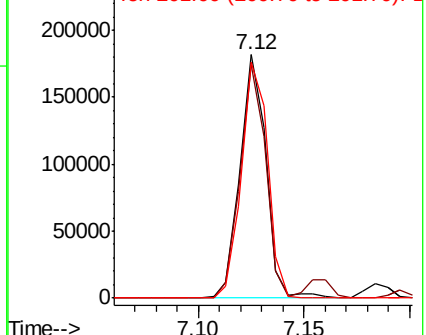
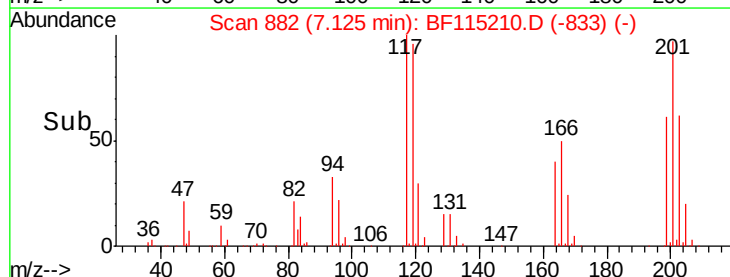
201 96.9 80.2 120.2

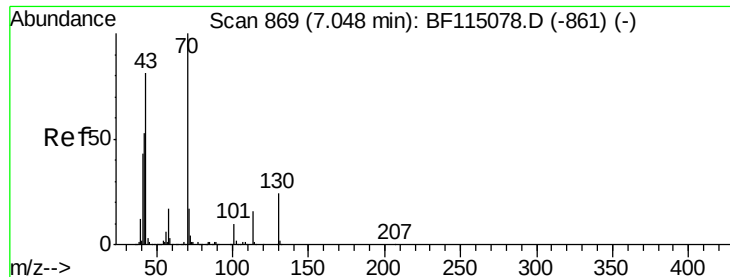


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

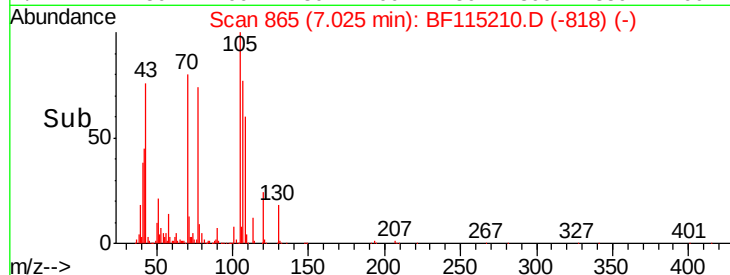
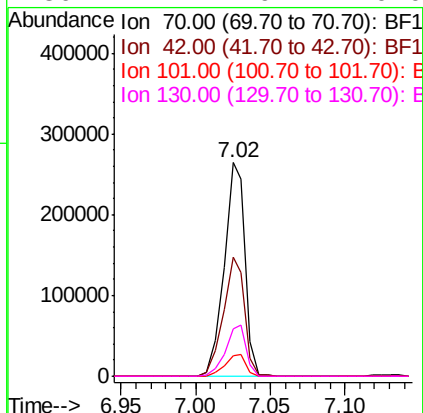
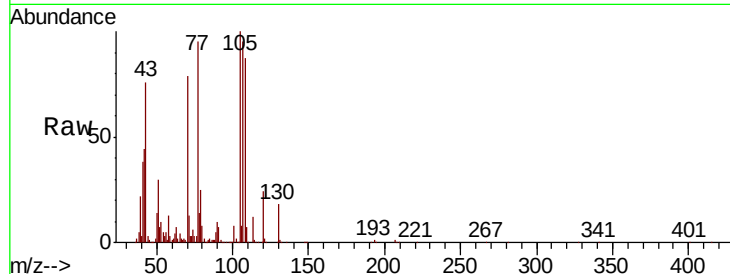




#19
n-Nitroso-di-n-propylamine
Concen: 19.048 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

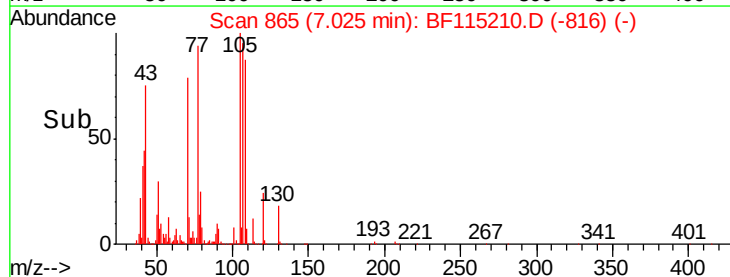
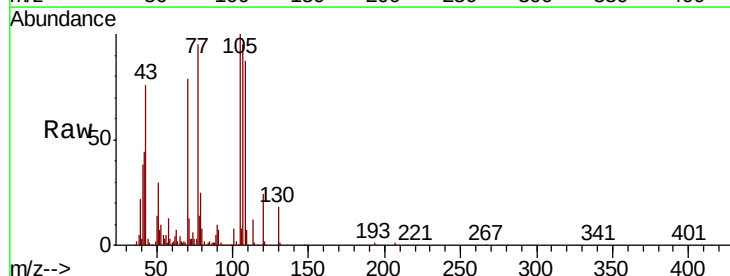
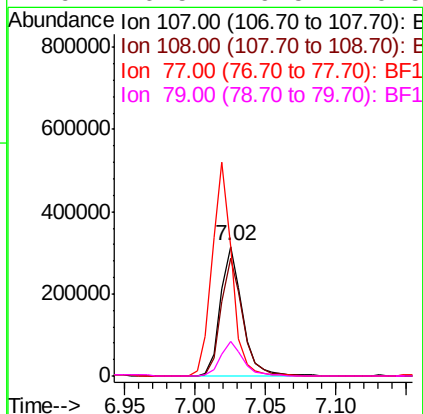
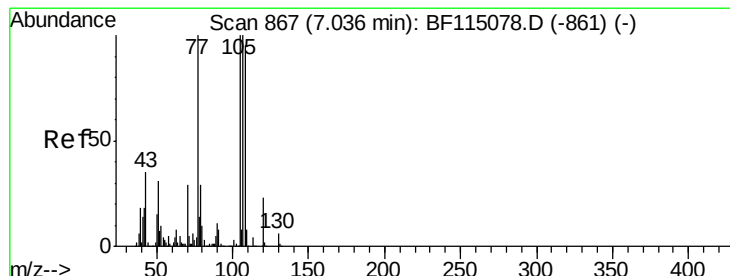
Instrument :
BNA_F
ClientSampleId :

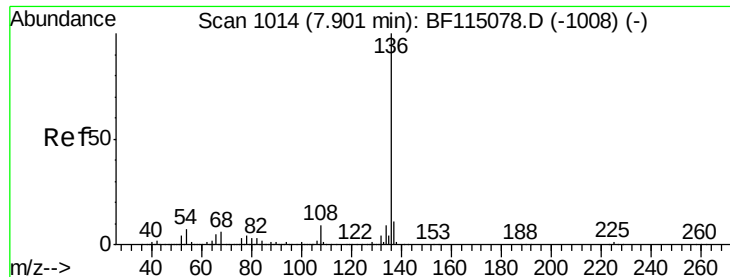
Tot Ion:	70	Resp:	262542
Ion	Ratio	Lower	Upper
70	100		
42	55.9	42.6	63.8
101	9.7	8.0	12.0
130	22.4	19.4	29.0



#20
3+4-Methylphenols
Concen: 17.509 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion:	107	Resp:	332820
Ion	Ratio	Lower	Upper
107	100		
108	91.2	75.5	115.5
77	99.6	80.2	120.2
79	26.5	9.5	49.5

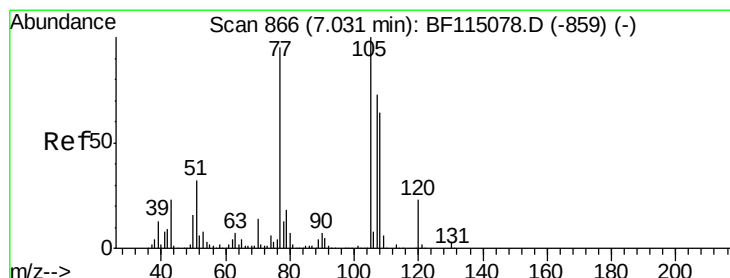
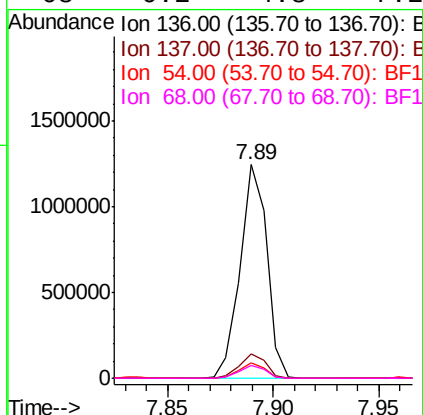
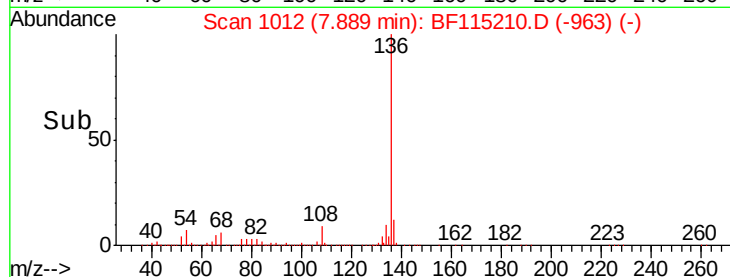
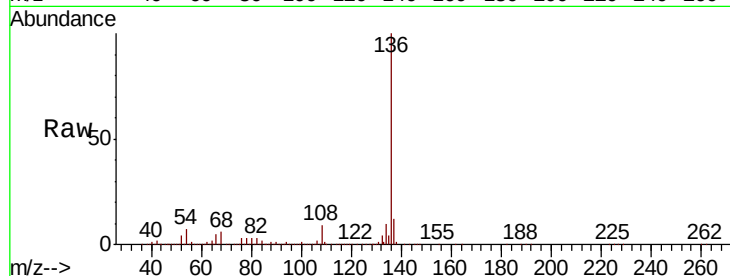




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

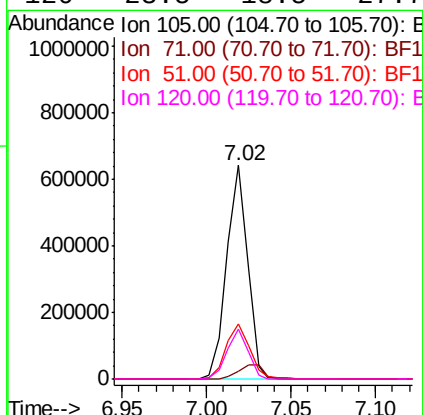
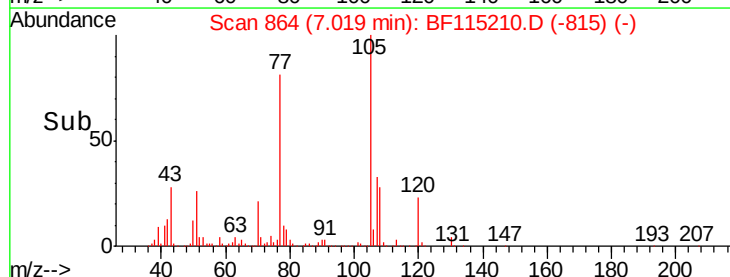
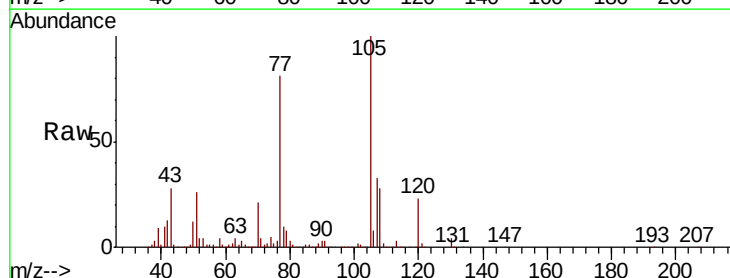
Instrument :
BNA_F
ClientSampleId :

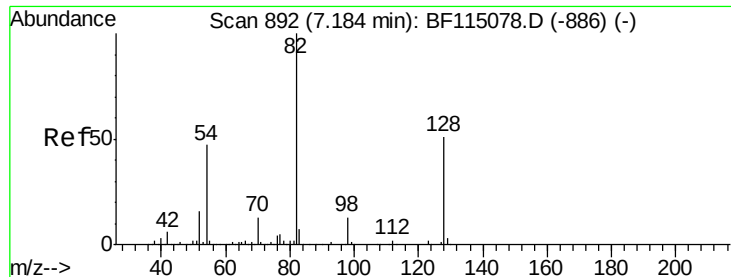
Tot Ion:136	Resp: 1093554
Ion Ratio	Lower Upper
136 100	
137 11.5	8.9 13.3
54 7.2	5.6 8.4
68 6.2	4.8 7.2



#22
Acetophenone
Concen: 22.189 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt	Ion:105	Resp:	555511
Ion	Ratio	Lower	Upper
105	100		
71	3.5	1.9	2.9#
51	26.0	25.8	38.8
120	23.5	18.5	27.7

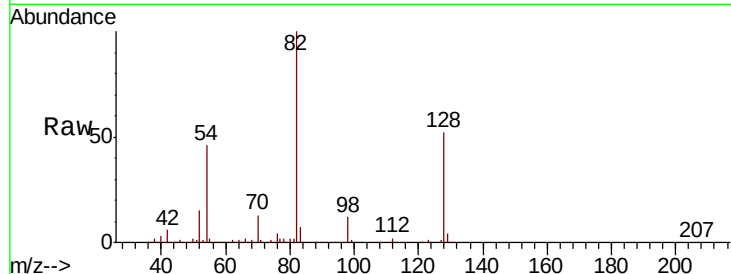




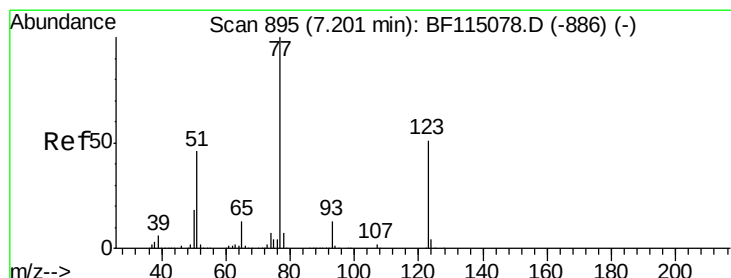
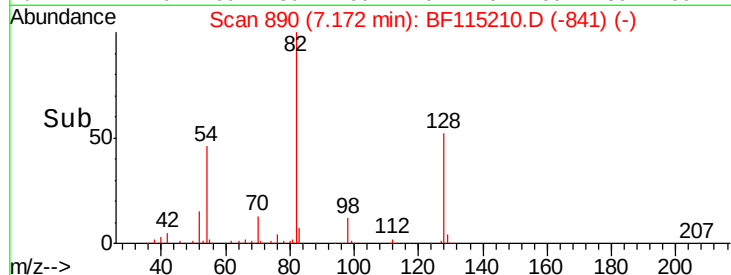
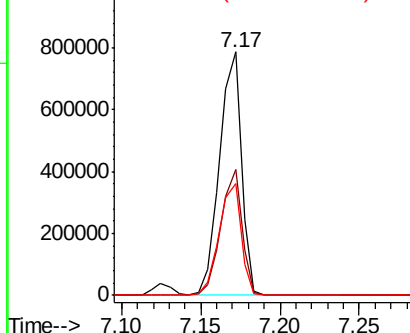
#23
Nitrobenzene-d5
Concen: 42.607 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	757428
Ion Ratio	100		
Lower		40.4	
Upper		60.6	
128	51.7		
54	45.8		
		37.5	
		56.3	

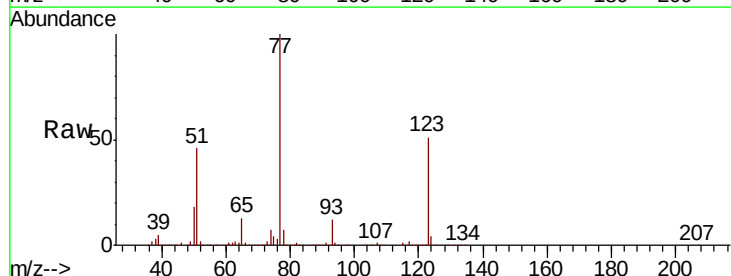


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

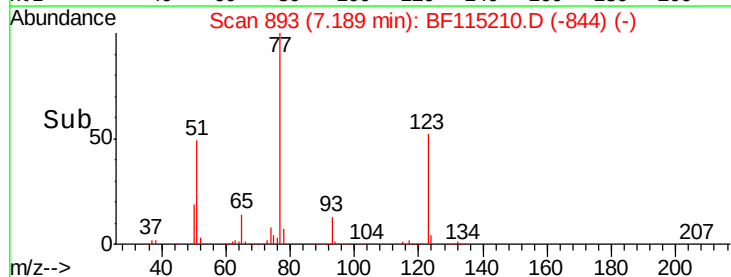
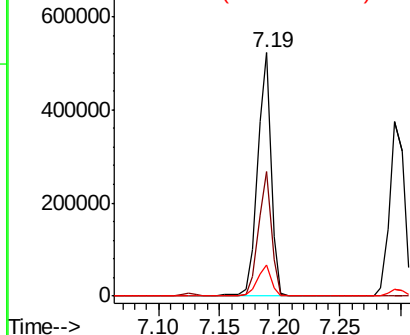


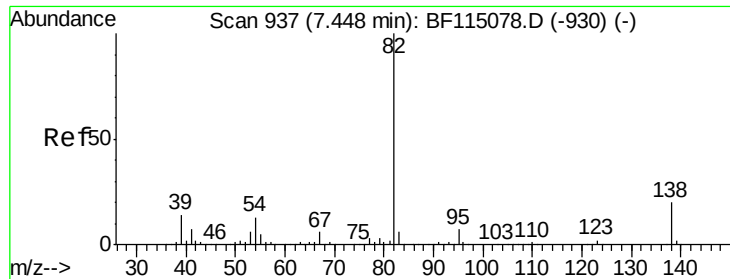
#24
Nitrobenzene
Concen: 20.833 ng
RT: 7.19 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion	77	Resp	407999
Ion Ratio	100		
Lower		41.0	
Upper		61.6	
123	51.0		
65	12.9		
		10.5	
		15.7	



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





#25

Isophorone

Concen: 20.187 ng

RT: 7.43 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

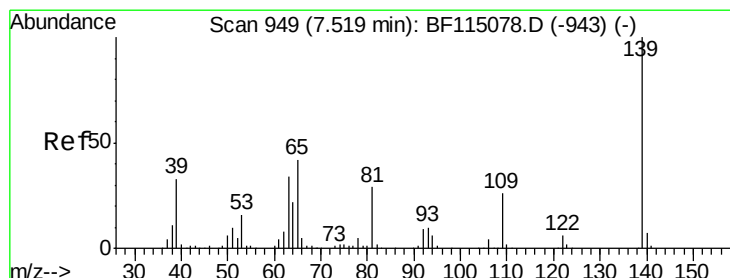
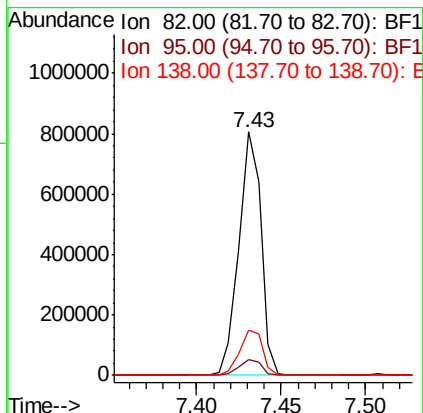
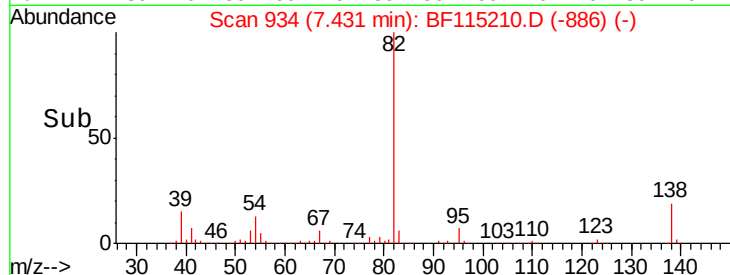
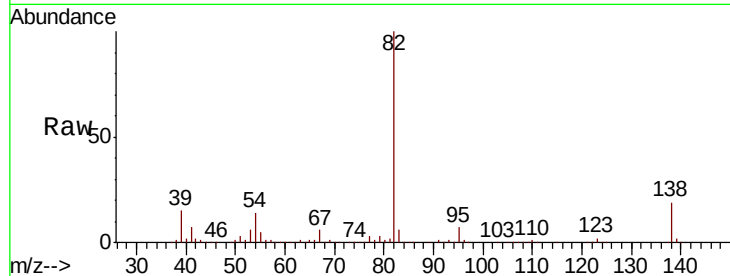
Tot Ion: 82 Resp: 735127

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

138 18.7 15.9 23.9



#26

2-Nitrophenol

Concen: 20.133 ng

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

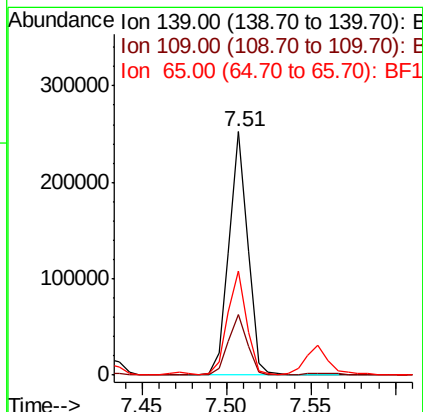
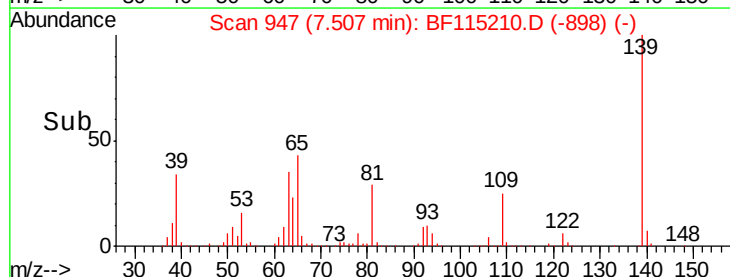
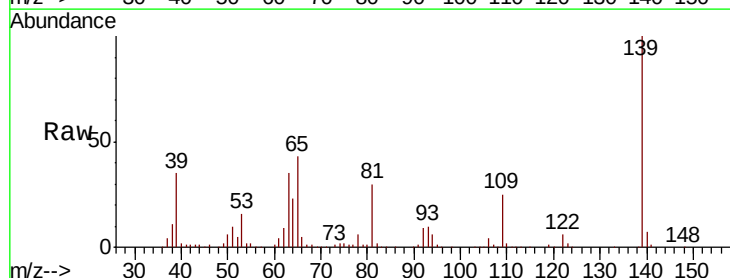
Tgt Ion: 139 Resp: 194718

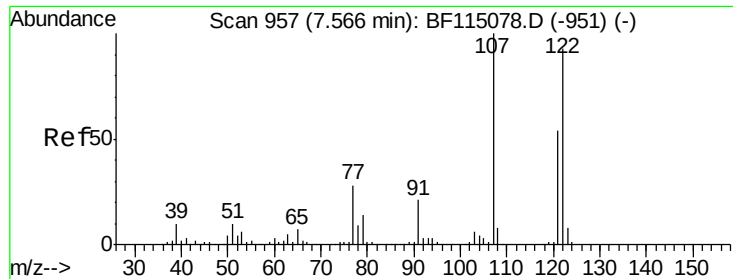
Ion Ratio Lower Upper

139 100

109 25.1 20.4 30.6

65 42.9 33.6 50.4





#27

2,4-Dimethylphenol

Concen: 20.888 ng

RT: 7.55 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampled :

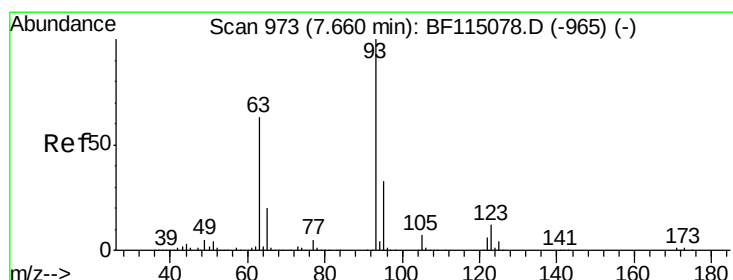
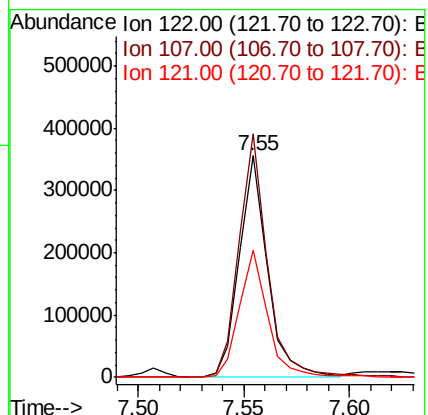
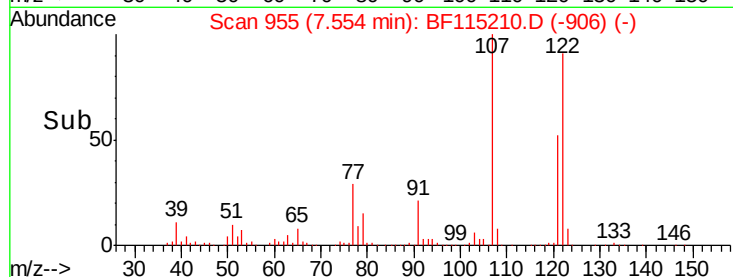
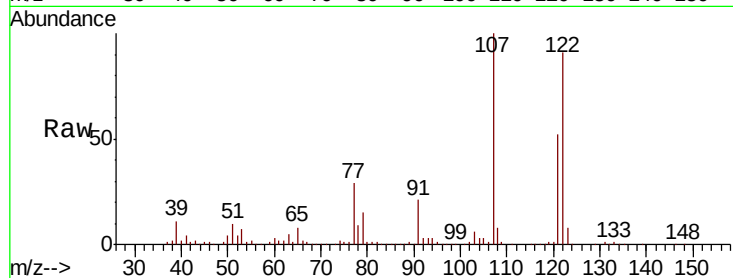
Tot Ion:122 Resp: 330763

Ion Ratio Lower Upper

122 100

107 109.8 85.8 128.6

121 57.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 19.983 ng

RT: 7.65 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

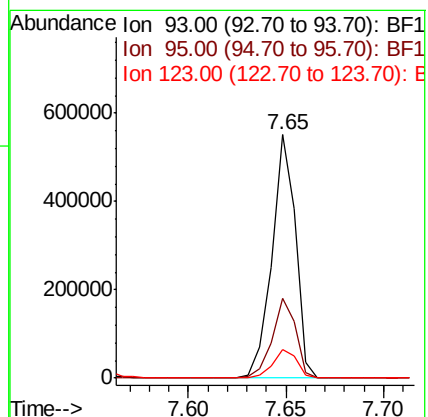
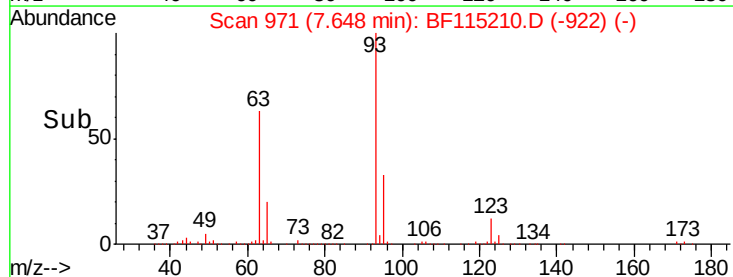
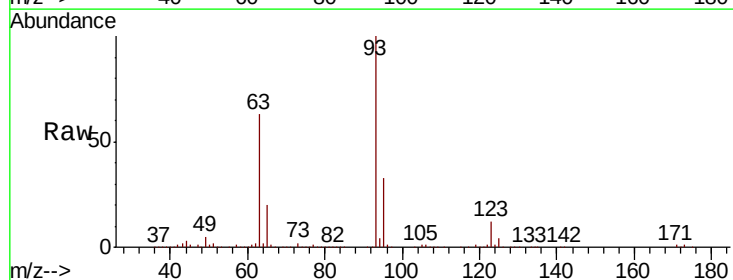
Tgt Ion: 93 Resp: 459960

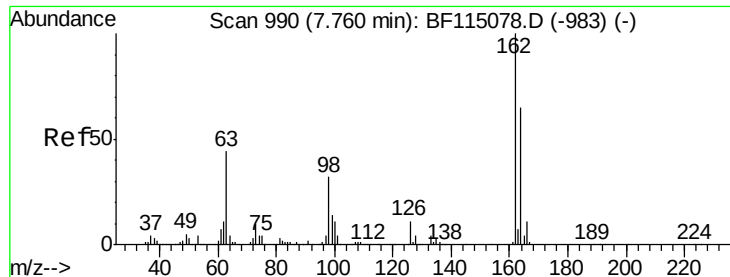
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.4

123 11.8 9.7 14.5

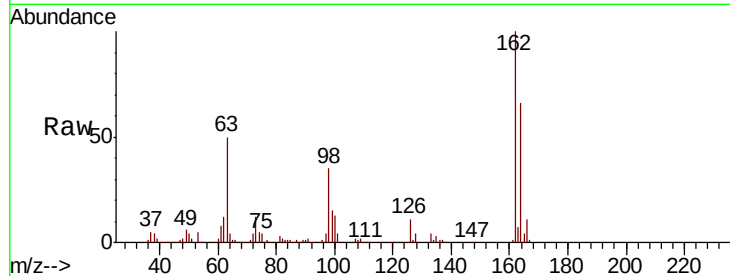




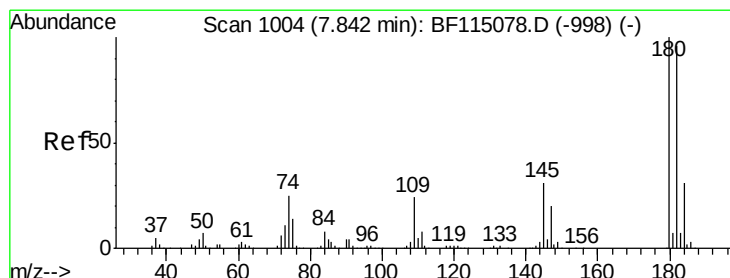
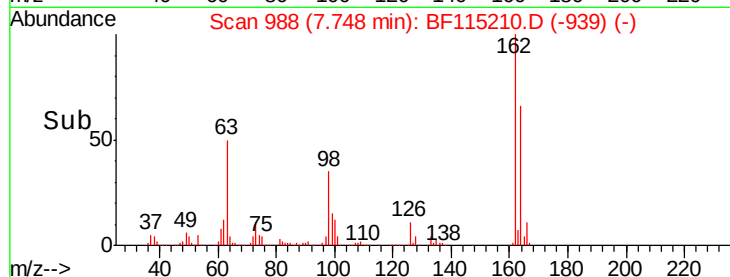
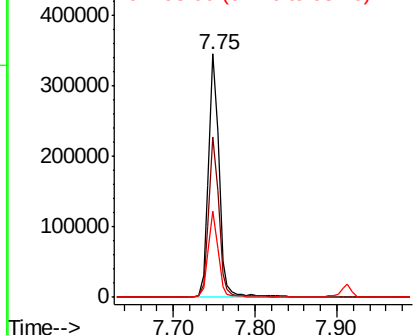
#29
 2,4-Dichlorophenol
 Concen: 19.164 ng
 RT: 7.75 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.3	85.3
98	35.1	12.5	52.5

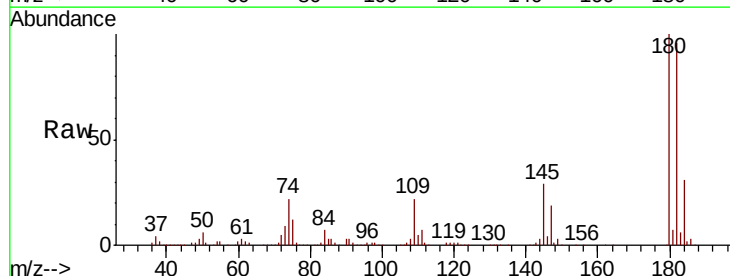


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

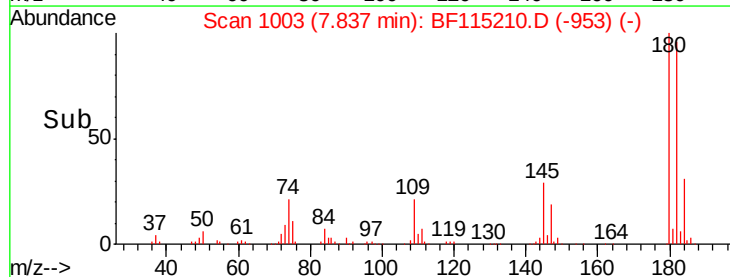
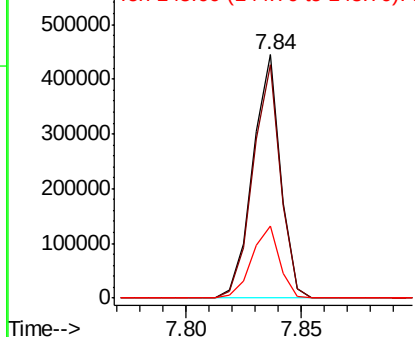


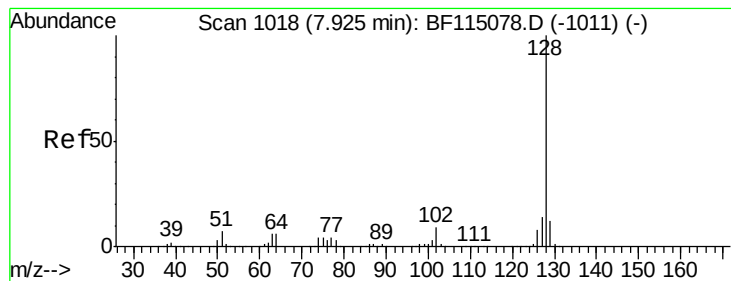
#30
 1,2,4-Trichlorobenzene
 Concen: 20.607 ng
 RT: 7.84 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.4	114.6
145	29.4	24.8	37.2



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: 21.600 ng

RT: 7.91 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

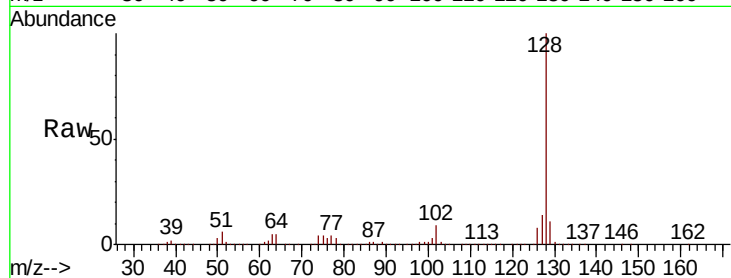
Tot Ion:128 Resp: 1159479

Ion Ratio Lower Upper

128 100

129 11.4 9.6 14.4

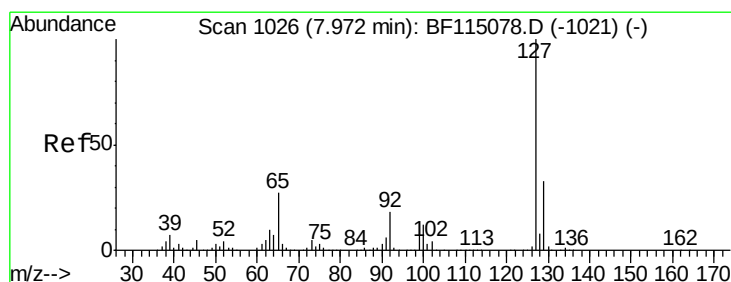
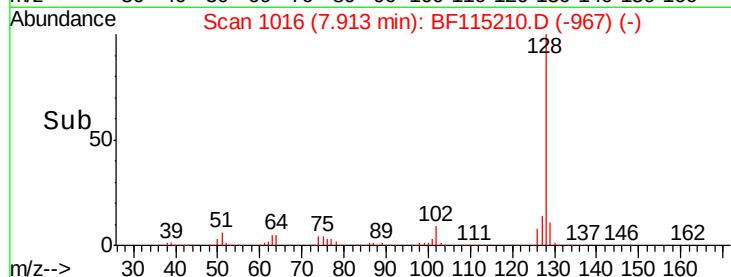
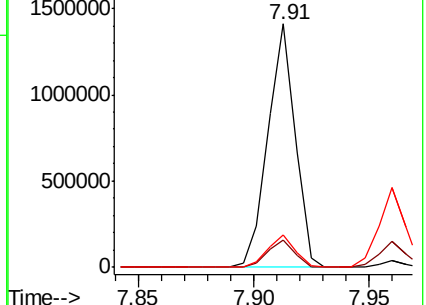
127 13.5 11.4 17.0



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



#33

4-Chloroaniline

Concen: 15.898 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Tgt Ion:127 Resp: 390017

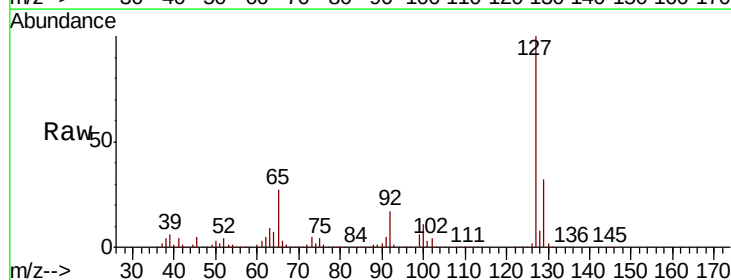
Ion Ratio Lower Upper

127 100

129 32.1 26.1 39.1

65 26.6 21.4 32.2

92 17.1 14.1 21.1

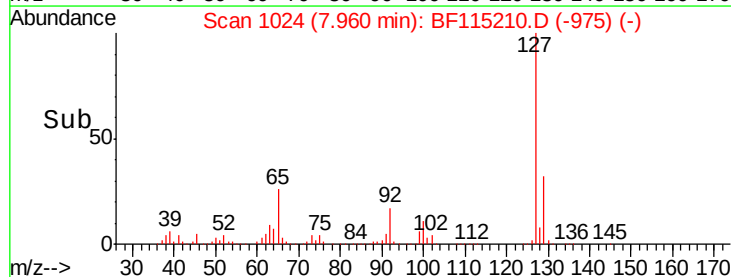
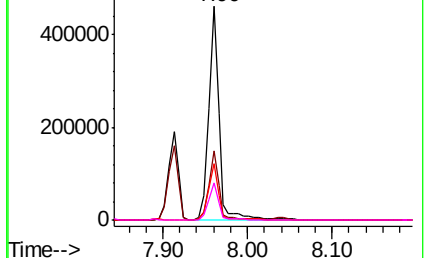


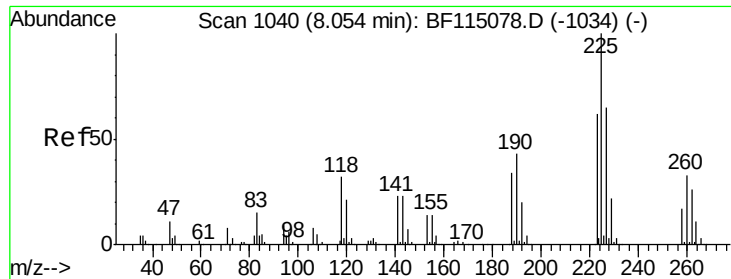
Abundance Ion 127.00 (126.70 to 127.70): E

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

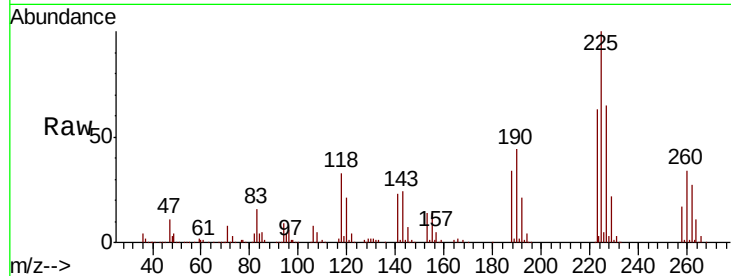




#34
Hexachlorobutadiene
Concen: 20.124 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.2
227	64.9	51.8	77.8

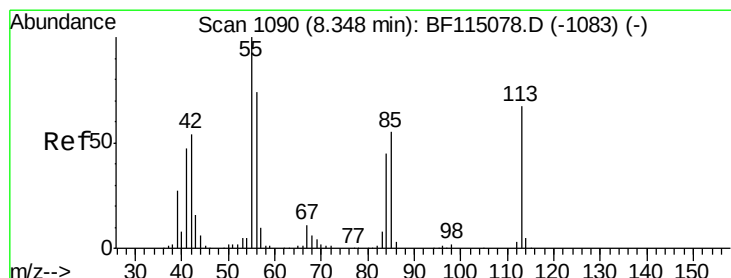
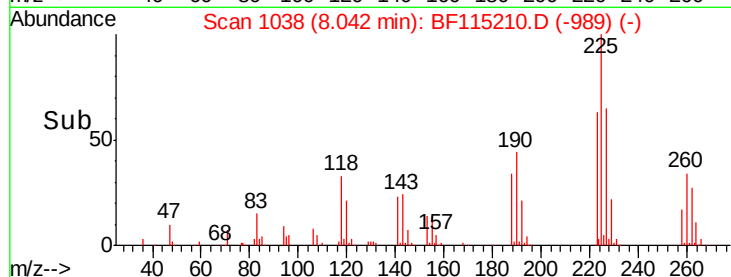
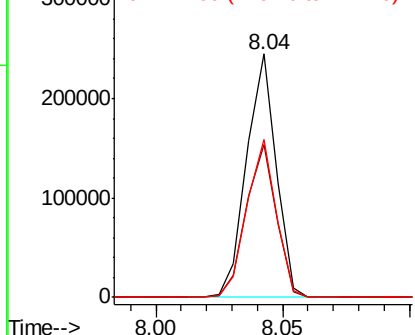


Abundance

Ion 225.00 (224.70 to 225.70): E

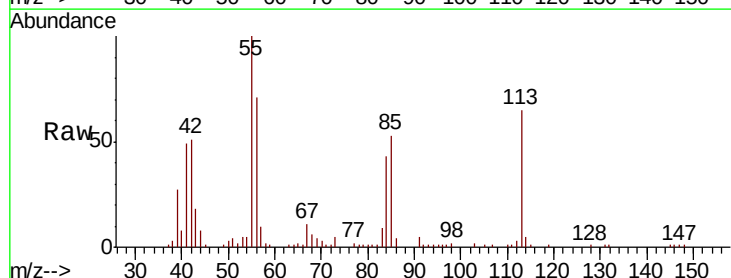
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 6.564 ng
RT: 8.31 min Scan# 1083
Delta R.T. -0.04 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion	Ratio	Lower	Upper
113	100		
55	154.7	130.2	170.2
56	110.5	91.6	131.6

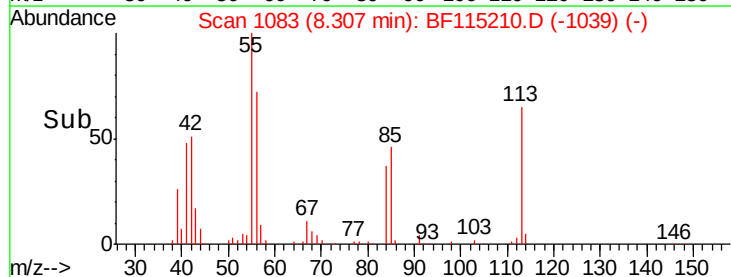
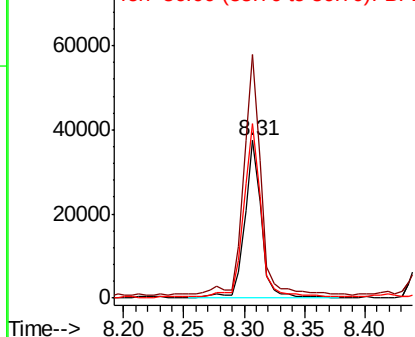


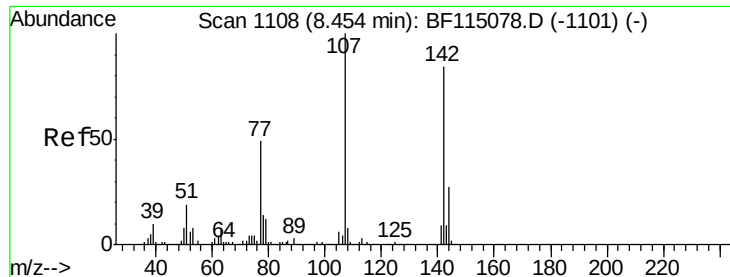
Abundance

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

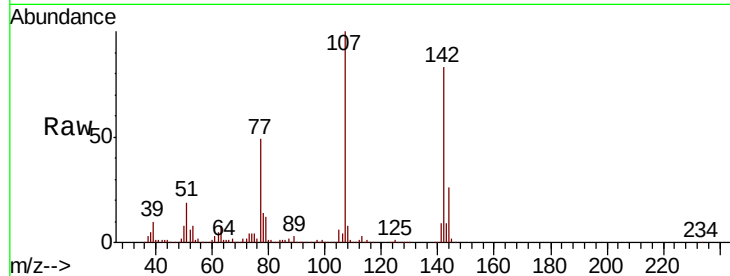




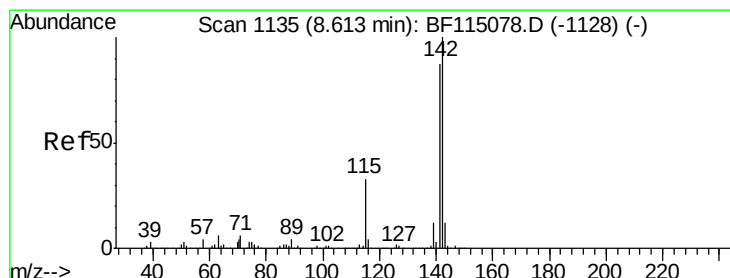
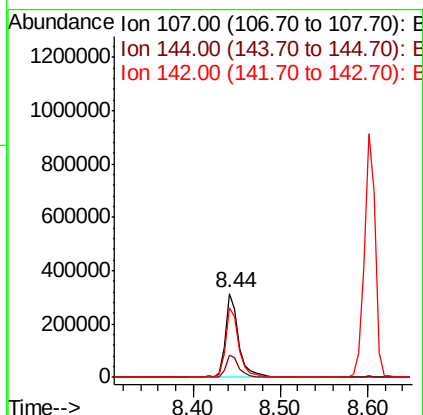
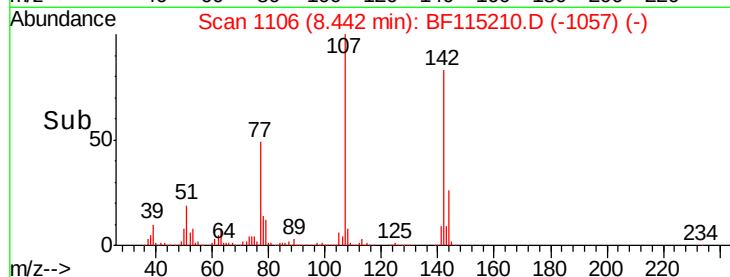
#36
 4-Chloro-3-methylphenol
 Concen: 19.818 ng
 RT: 8.44 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:107 Resp: 327983
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.7 32.5
 142 82.6 67.0 100.4

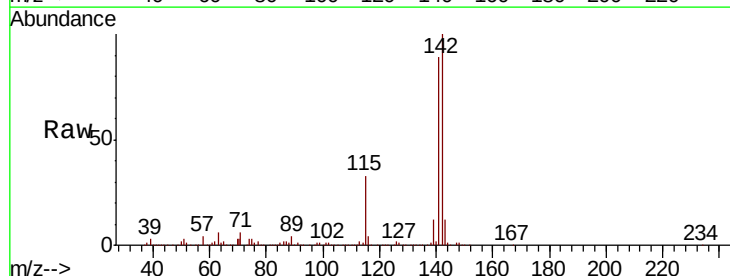


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

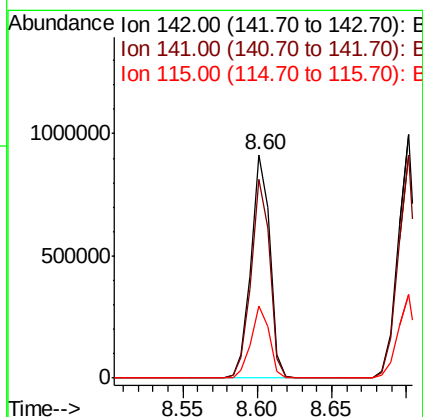
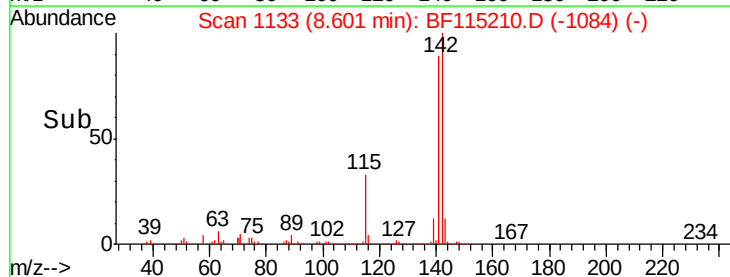


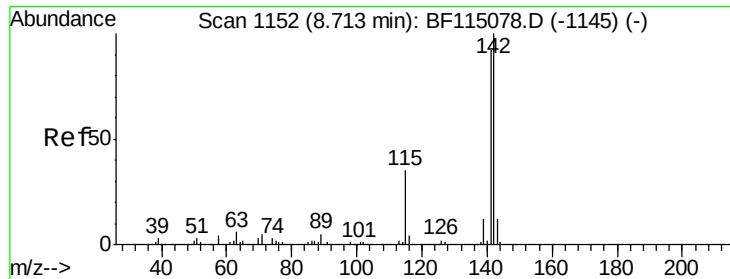
#37
 2-Methylnaphthalene
 Concen: 21.875 ng
 RT: 8.60 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Tgt Ion:142 Resp: 791747
 Ion Ratio Lower Upper
 142 100
 141 88.9 69.8 104.6
 115 32.5 26.7 40.1



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

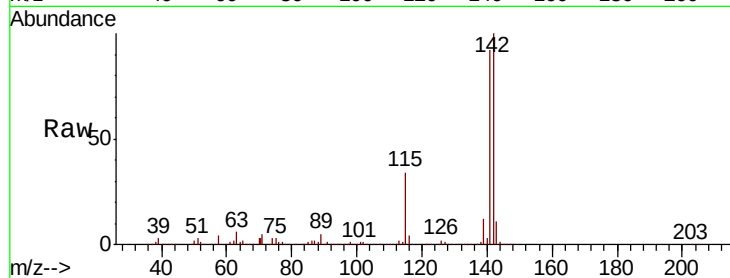




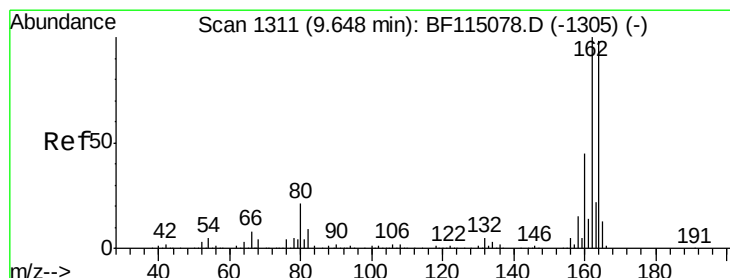
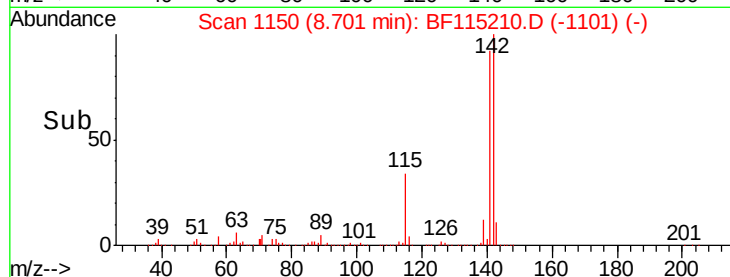
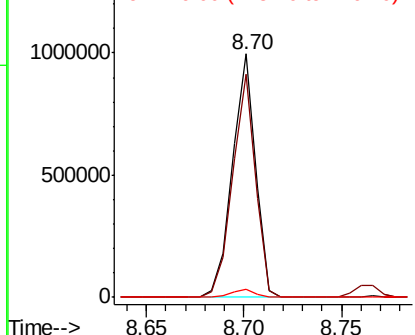
#38
1-Methylnaphthalene
Concen: 23.623 ng
RT: 8.70 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.8
116	3.5	2.8	4.2

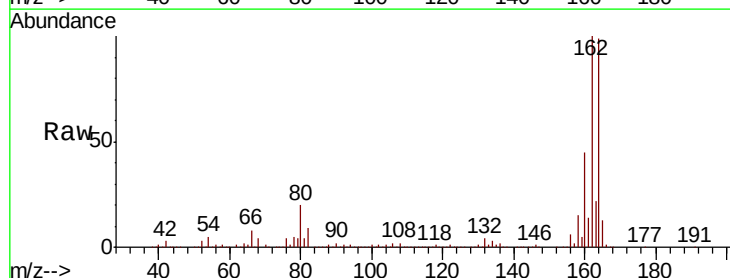


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

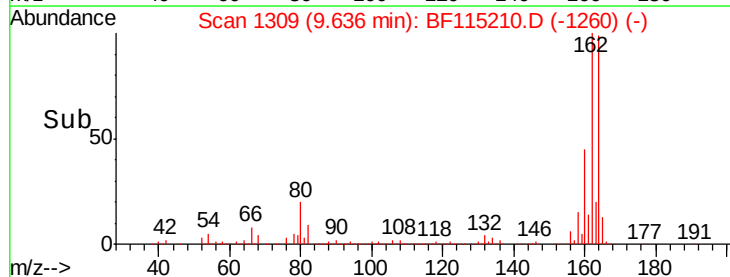
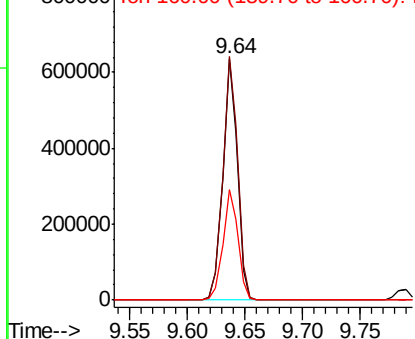


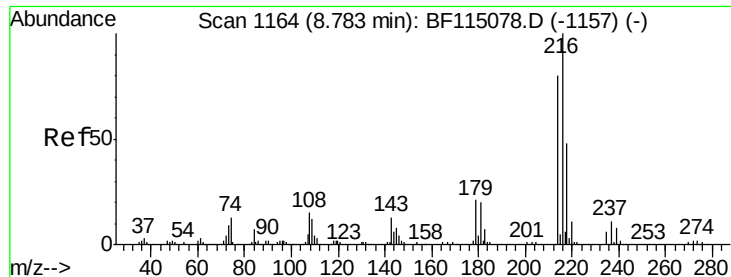
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.7	122.5
160	45.7	37.0	55.4



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

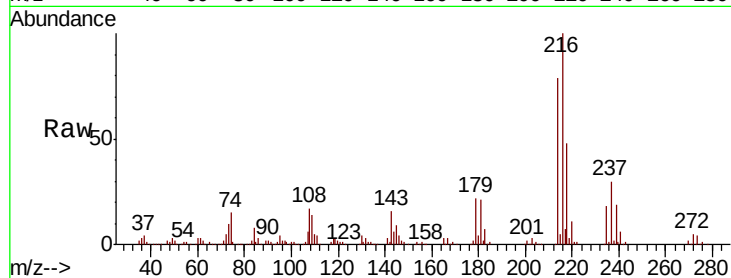




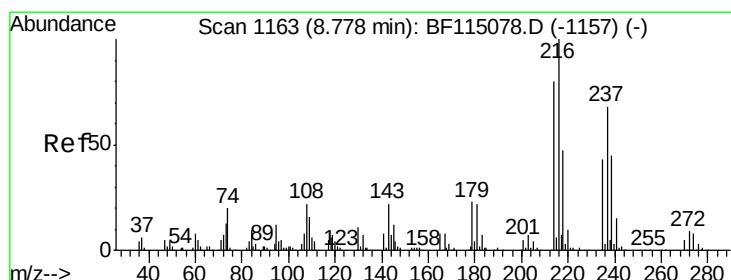
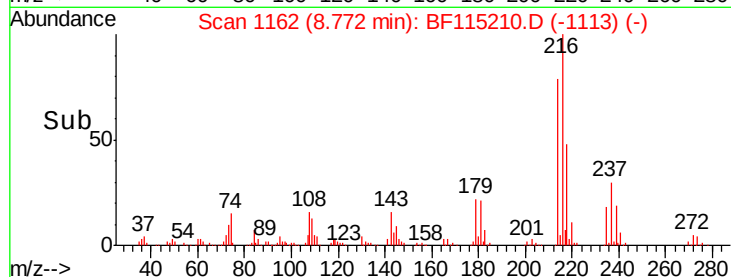
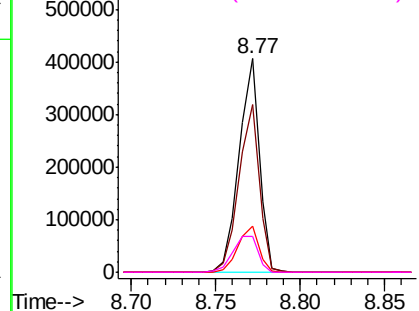
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.587 ng
 RT: 8.77 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	339513
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.8	95.6
179	22.1	17.6	26.4
108	21.0	15.7	23.5

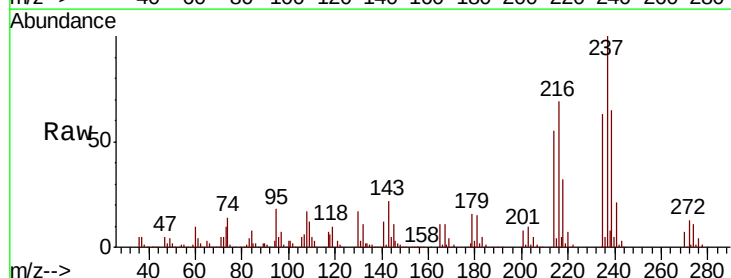


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

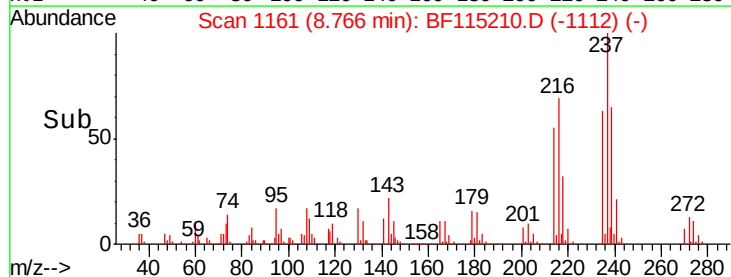
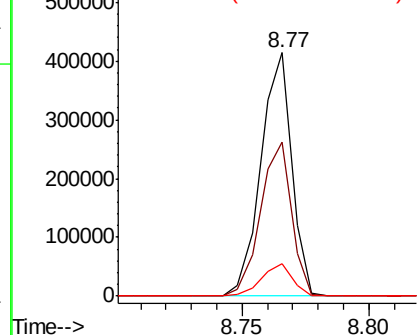


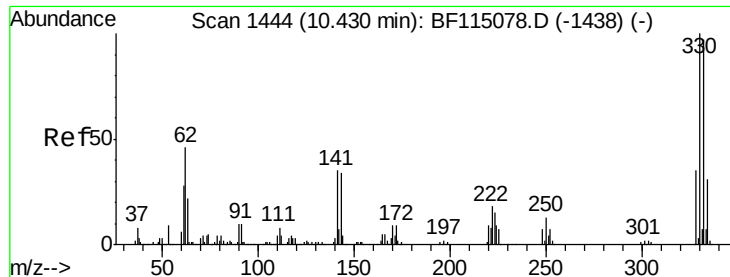
#41
 Hexachlorocyclopentadiene
 Concen: 37.937 ng
 RT: 8.77 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Tgt Ion:	237	Resp:	353795
Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.9	83.9
272	13.5	0.0	33.8



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

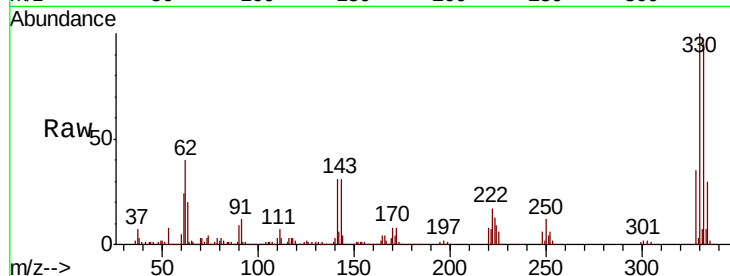




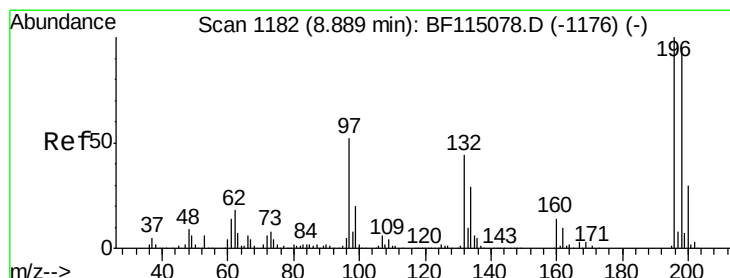
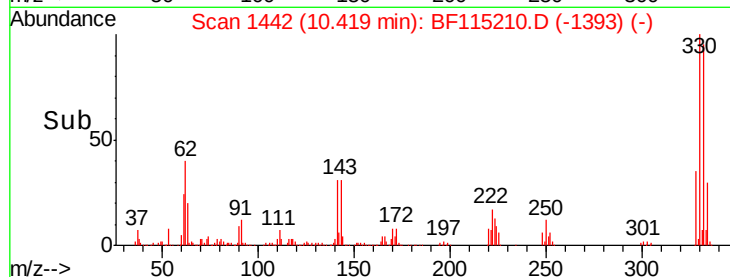
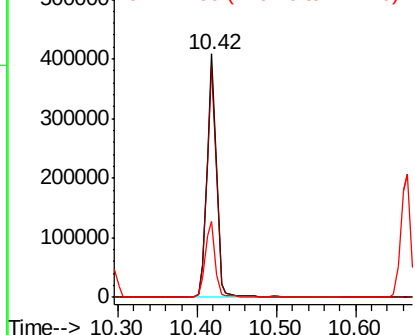
#42
 2,4,6-Tribromophenol
 Concen: 59.078 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 346741
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.3 115.9
 141 32.8 28.2 42.2

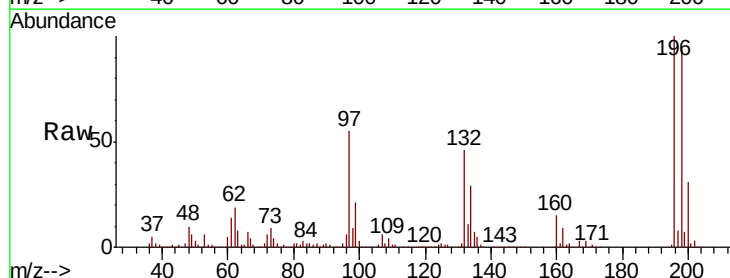


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

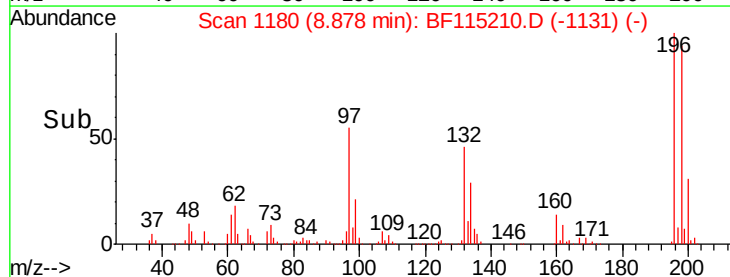
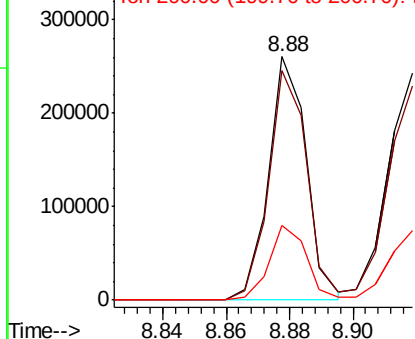


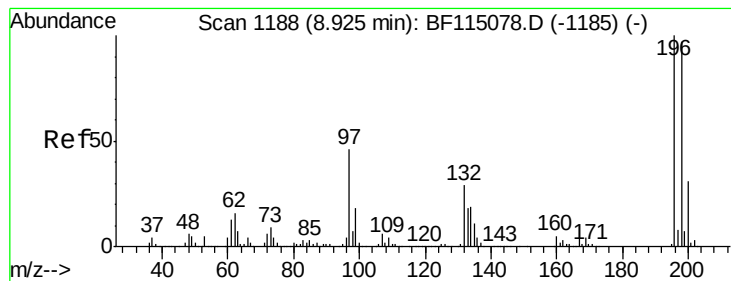
#43
 2,4,6-Trichlorophenol
 Concen: 17.790 ng
 RT: 8.88 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Tgt Ion:196 Resp: 216012
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 30.5 24.2 36.4



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

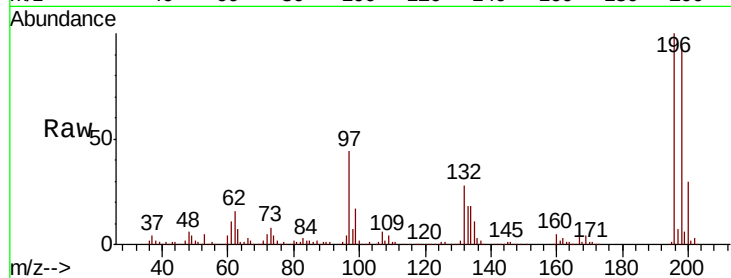




#44
 2,4,5-Trichlorophenol
 Concen: 19.723 ng
 RT: 8.92 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.1	115.7
97	43.8	37.7	56.5
132	27.5	23.1	34.7



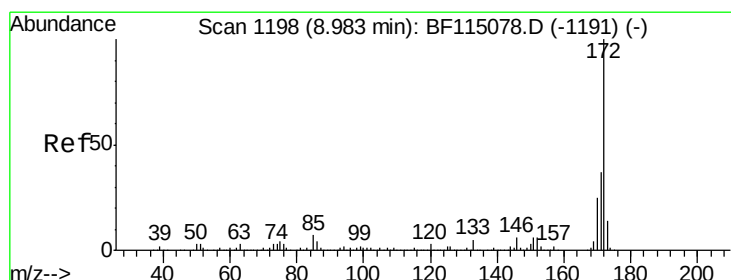
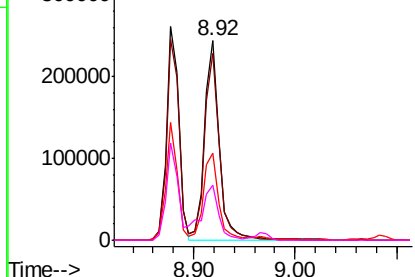
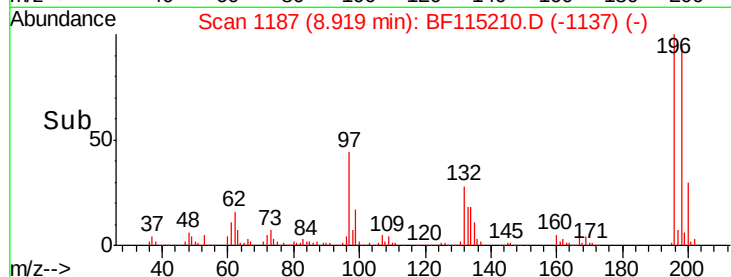
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

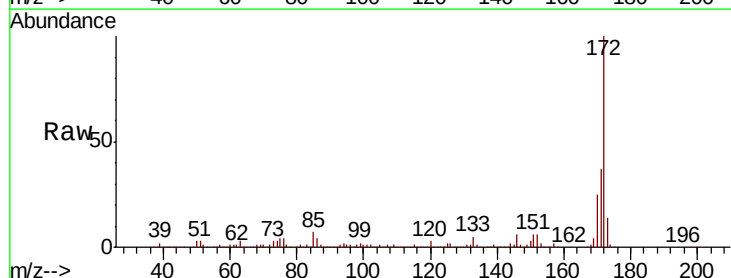
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 46.827 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.6	20.3	30.5

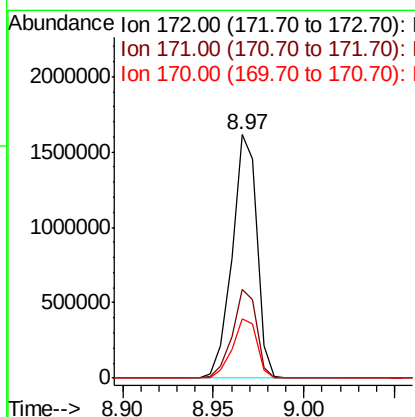
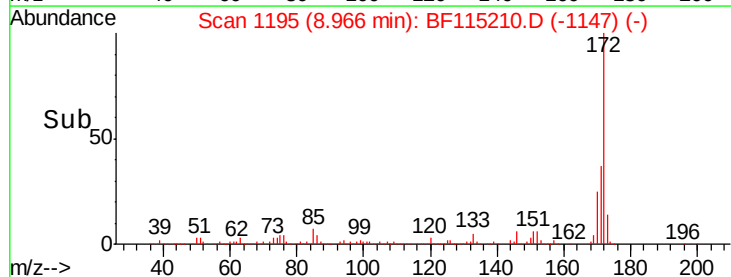


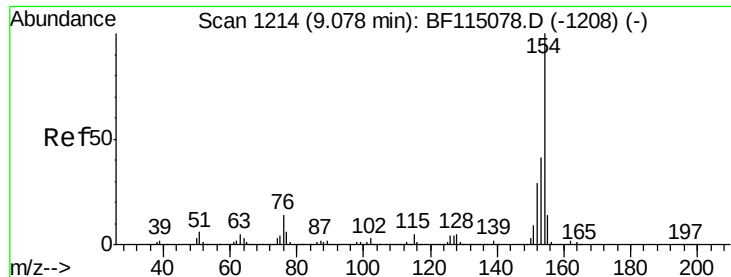
Abundance

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

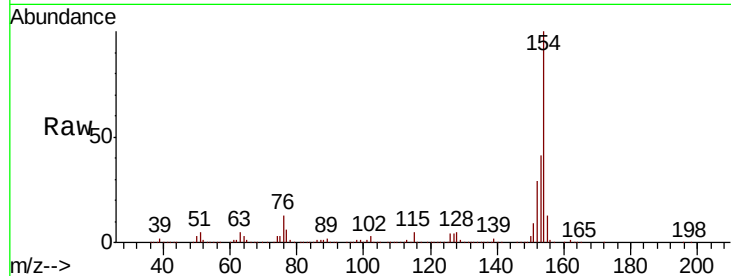




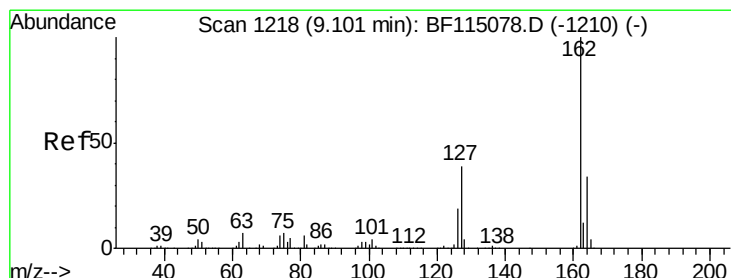
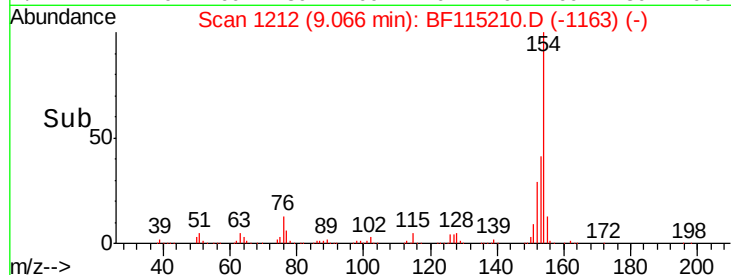
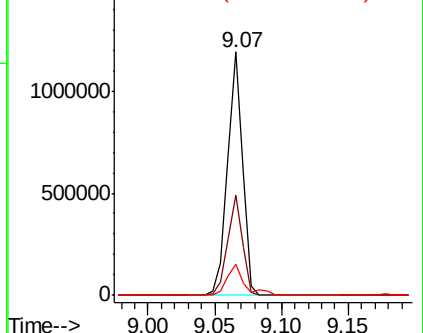
#46
1,1'-Biphenyl
Concen: 21.429 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 954301
Ion Ratio Lower Upper
154 100
153 41.3 20.9 60.9
76 12.8 0.0 34.1

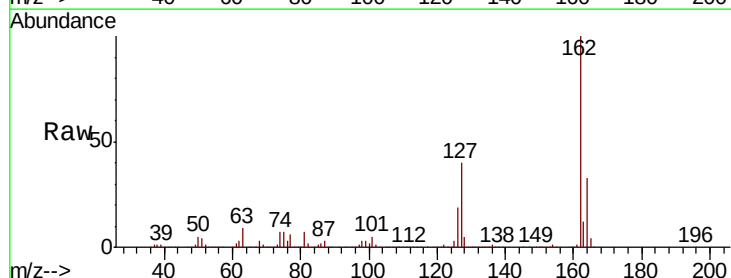


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

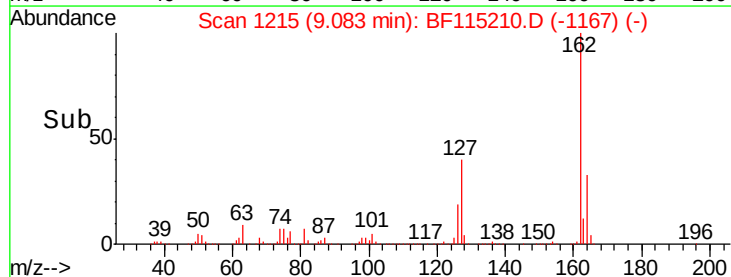
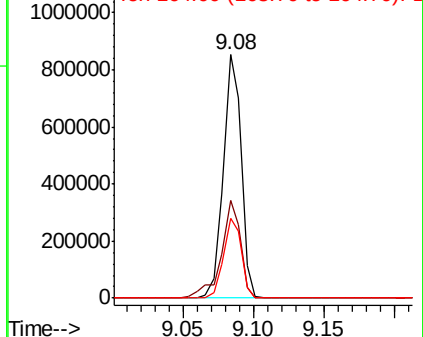


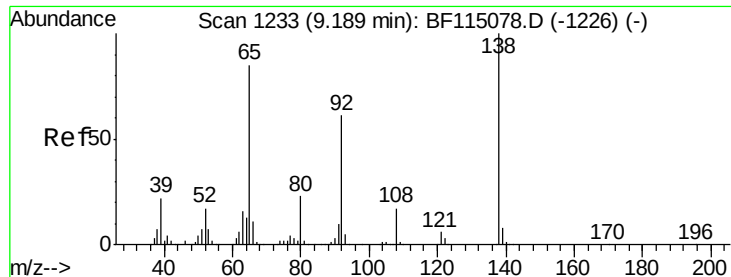
#47
2-Chloronaphthalene
Concen: 20.792 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion:162 Resp: 751070
Ion Ratio Lower Upper
162 100
127 40.2 30.8 46.2
164 33.0 27.0 40.4



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

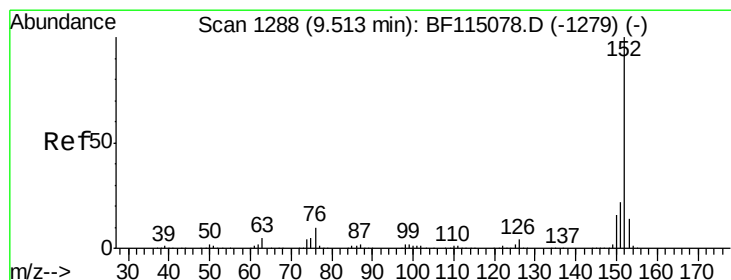
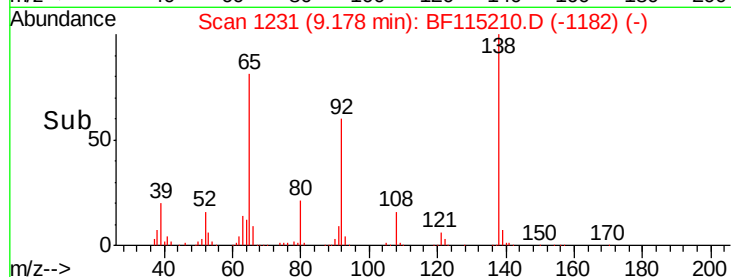
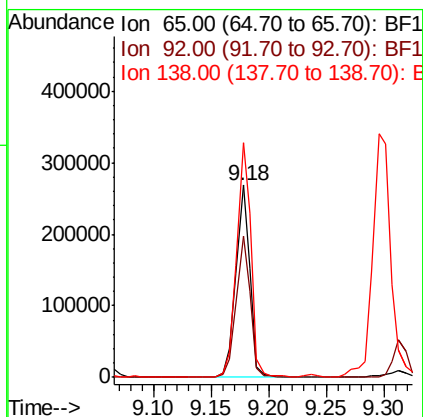
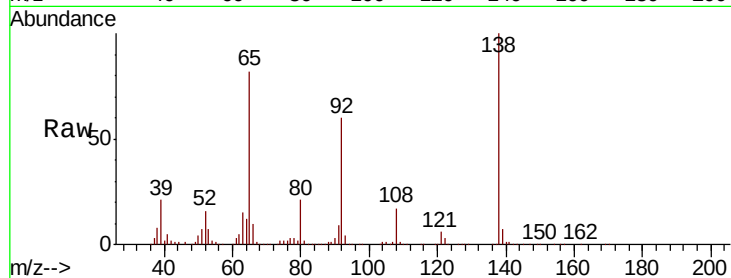




#48
2-Nitroaniline
Concen: 21.601 ng
RT: 9.18 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

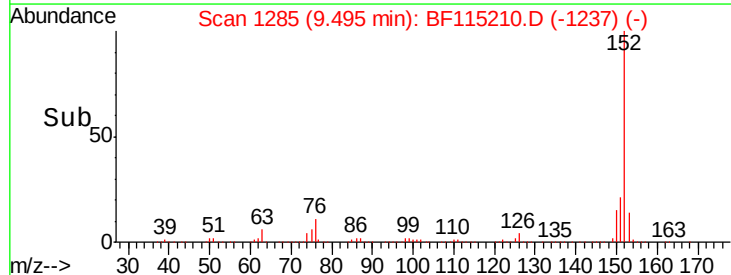
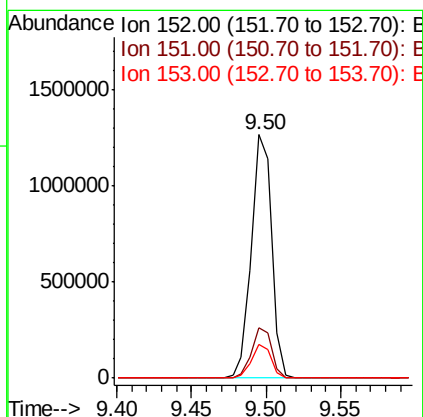
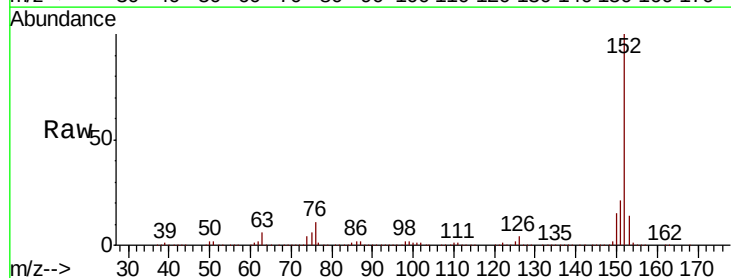
Instrument :
BNA_F
ClientSampleId :

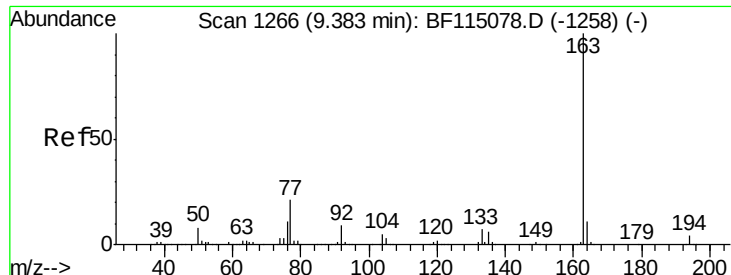
Tot Ion: 65 Resp: 227490
Ion Ratio Lower Upper
65 100
92 73.3 57.4 86.2
138 122.2 94.1 141.1



#49
Acenaphthylene
Concen: 21.040 ng
RT: 9.50 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion: 152 Resp: 1184173
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 13.8 11.0 16.6

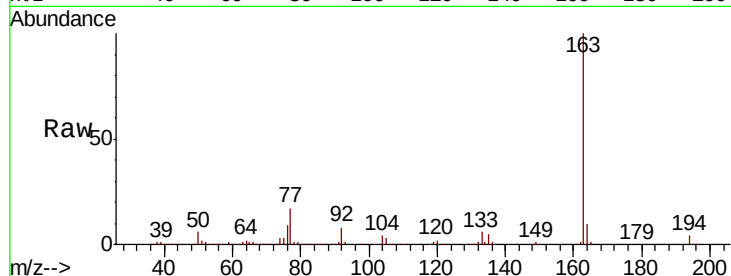




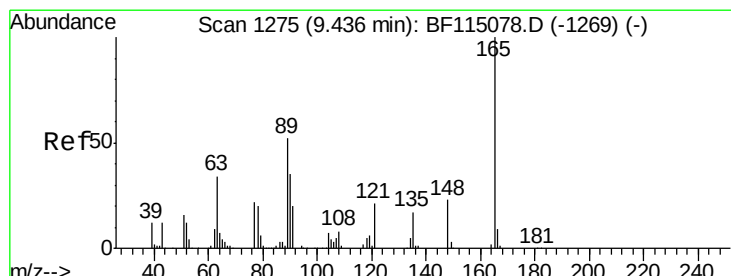
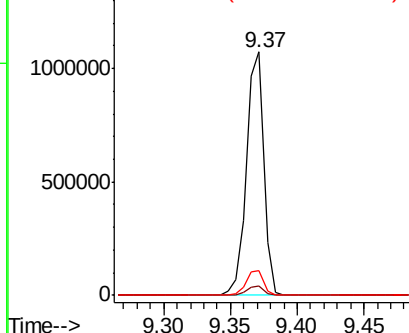
#50
Dimethylphthalate
Concen: 23.425 ng
RT: 9.37 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.1	8.6	13.0

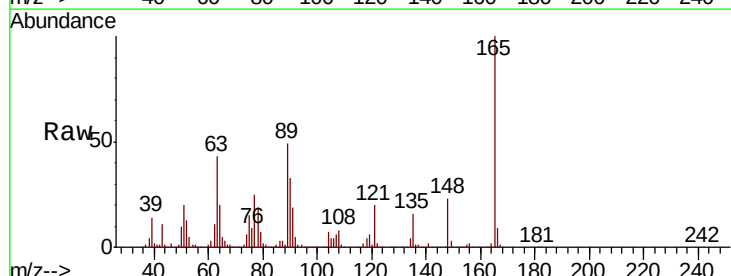


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

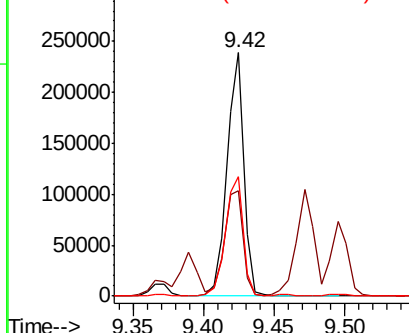


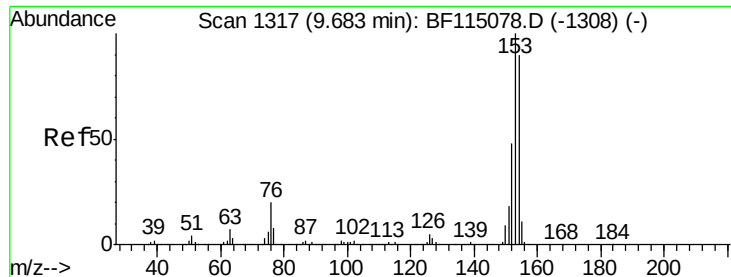
#51
2,6-Dinitrotoluene
Concen: 20.844 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.1	39.4	59.2
89	49.0	42.0	63.0



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: 24.215 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampled :

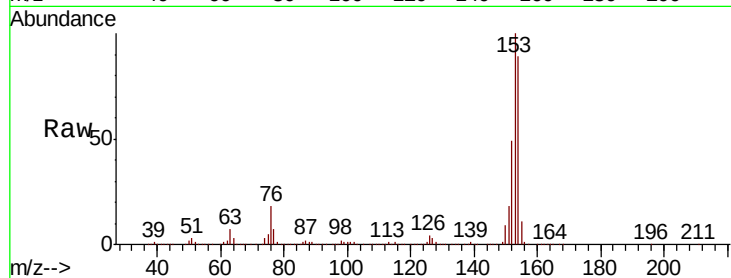
Tot Ion:154 Resp: 852798

Ion Ratio Lower Upper

154 100

153 112.2 88.7 133.1

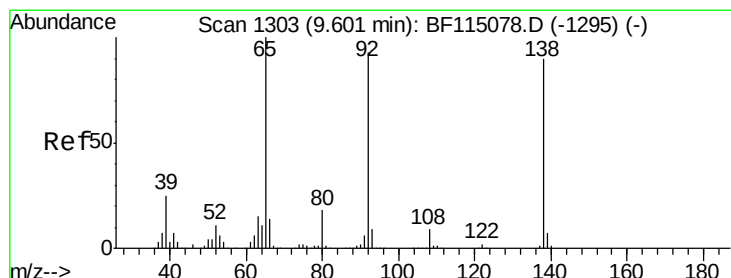
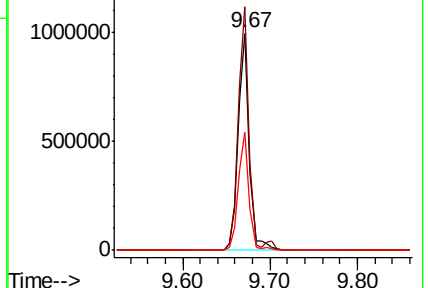
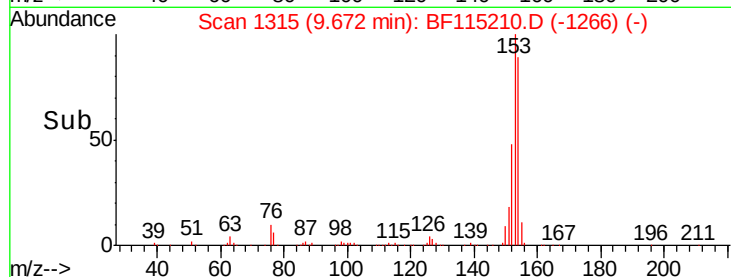
152 54.7 42.6 64.0



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: 14.906 ng

RT: 9.58 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

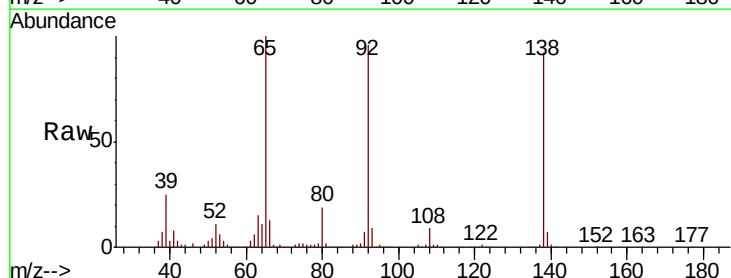
Tgt Ion:138 Resp: 171966

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

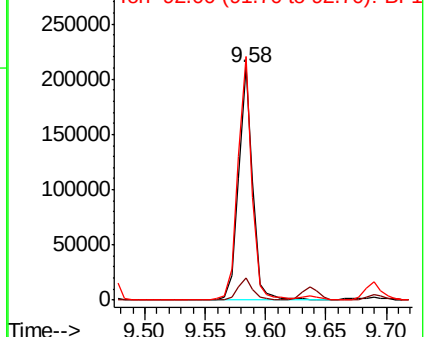
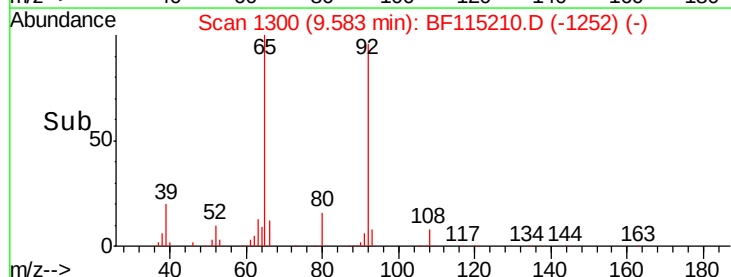
92 104.6 82.9 124.3

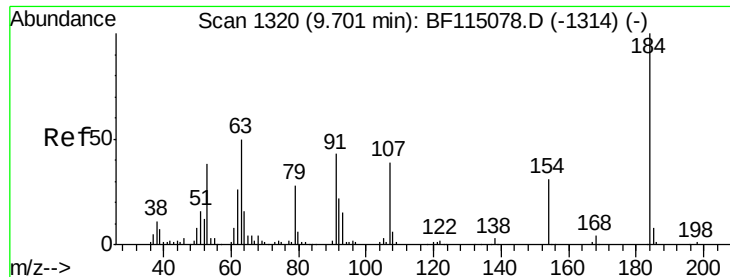


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

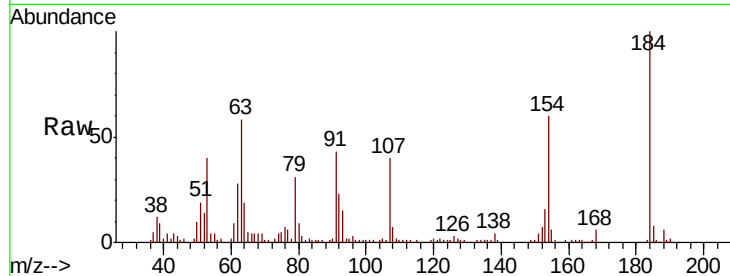




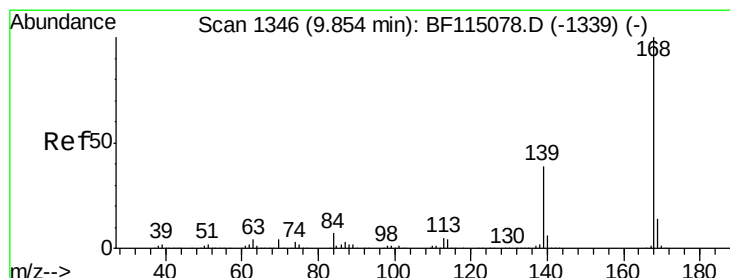
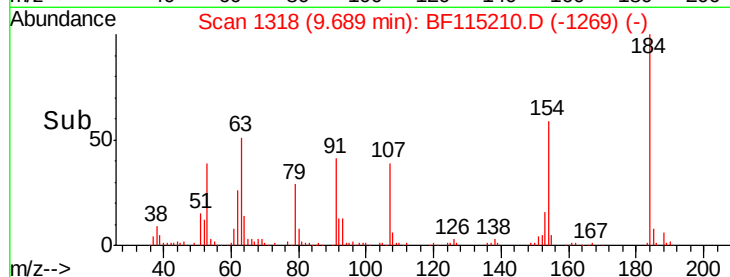
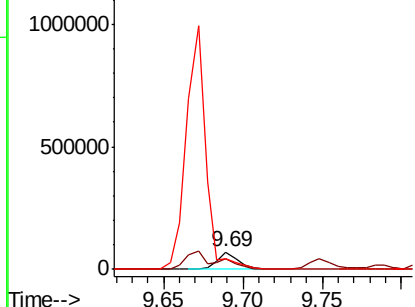
#54
2,4-Dinitrophenol
Concen: 19.399 ng
RT: 9.69 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 64570
Ion Ratio Lower Upper
184 100
63 57.6 41.9 62.9
154 59.8 44.7 67.1

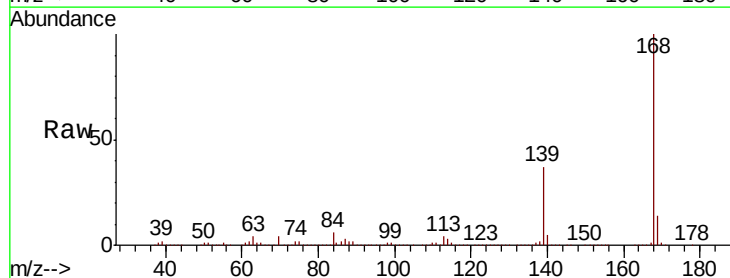


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

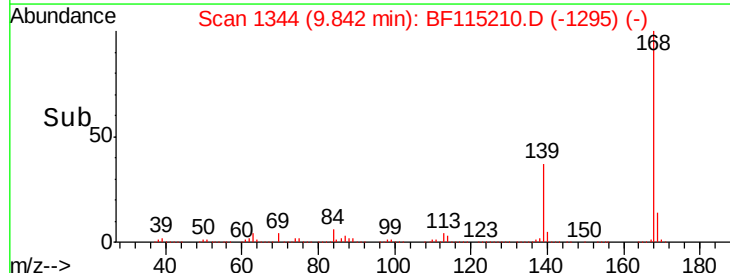
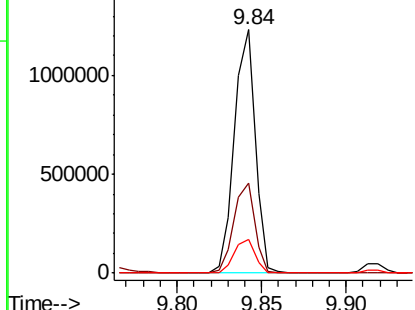


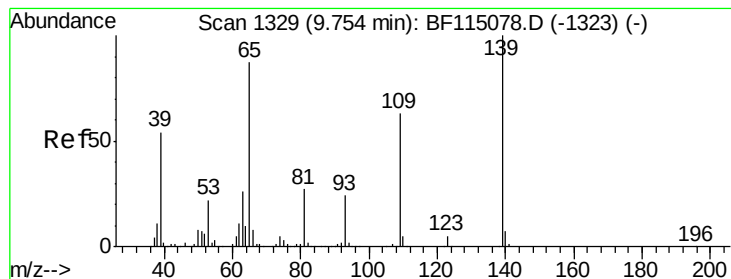
#55
Dibenzofuran
Concen: 20.912 ng
RT: 9.84 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion:168 Resp: 1057059
Ion Ratio Lower Upper
168 100
139 36.8 31.1 46.7
169 13.7 11.3 16.9



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: 21.744 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

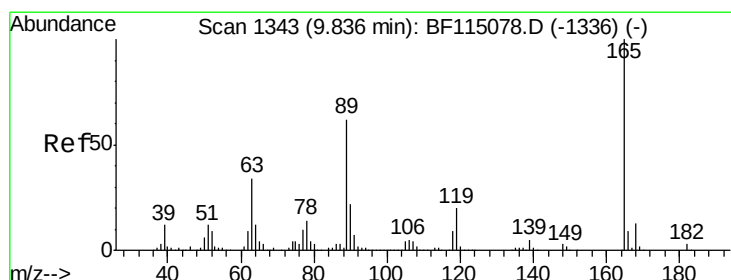
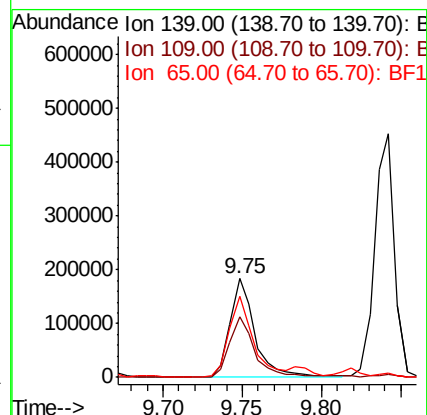
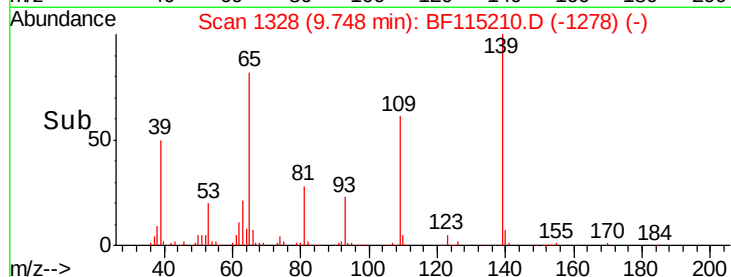
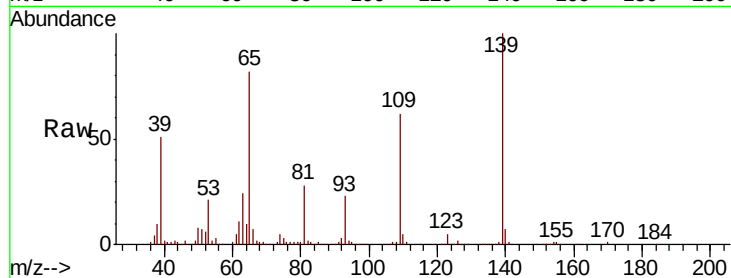
Tot Ion:139 Resp: 201108

Ion Ratio Lower Upper

139 100

109 61.7 43.0 83.0

65 82.4 67.0 107.0



#57

2,4-Dinitrotoluene

Concen: 21.930 ng

RT: 9.82 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Tgt Ion:165 Resp: 267694

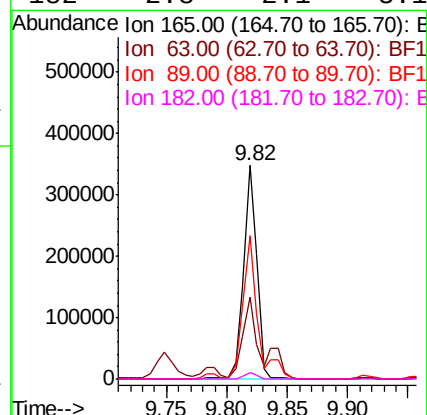
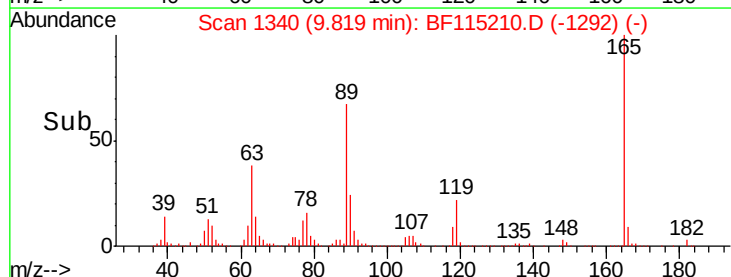
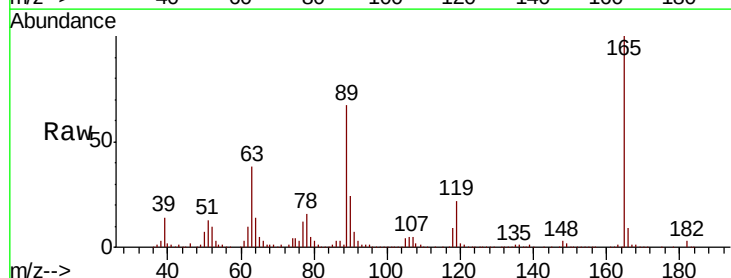
Ion Ratio Lower Upper

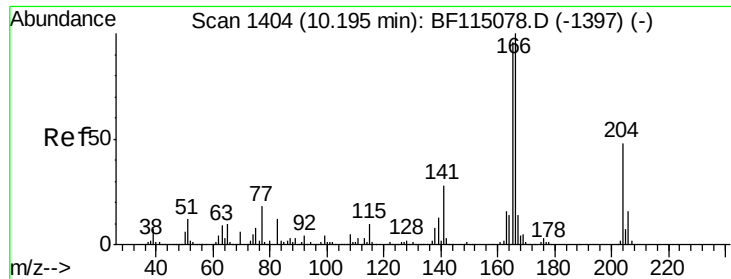
165 100

63 38.5 27.5 41.3

89 67.2 49.9 74.9

182 2.8 2.1 3.1

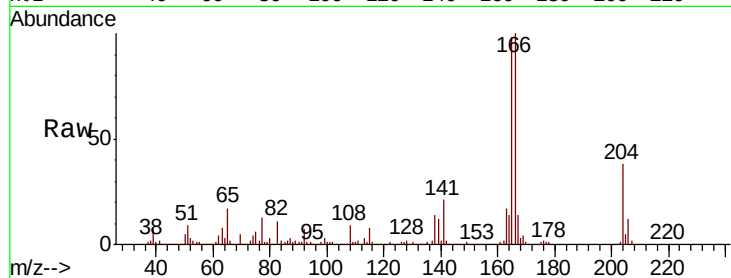




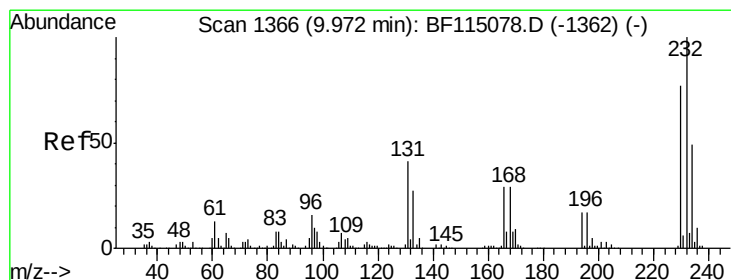
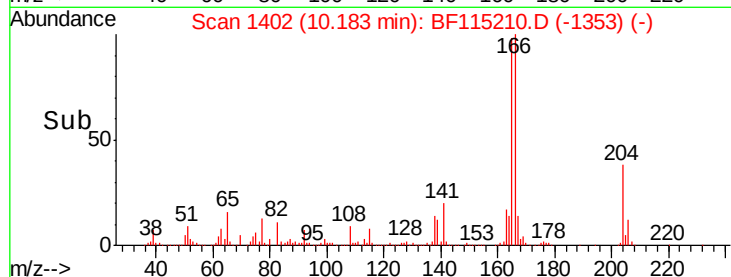
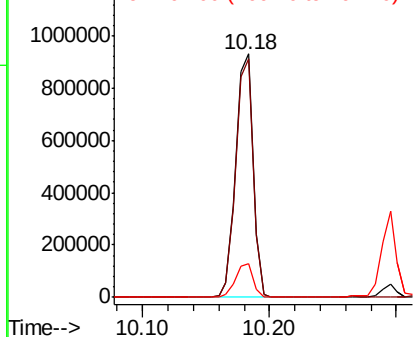
#58
 Fluorene
 Concen: 22.588 ng
 RT: 10.18 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 870586
 Ion Ratio Lower Upper
 166 100
 165 98.0 76.5 114.7
 167 13.7 11.0 16.4

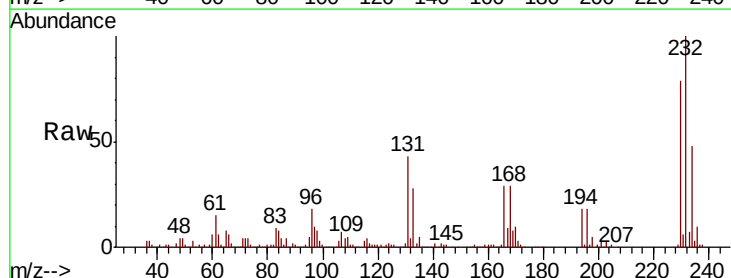


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

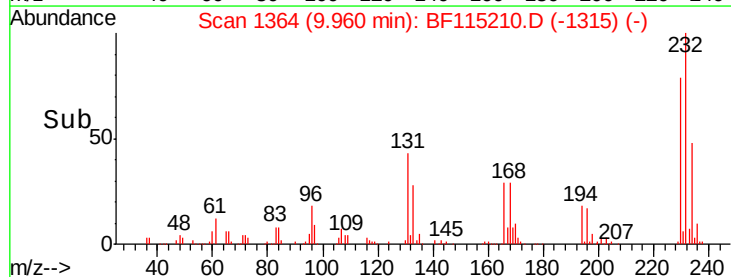
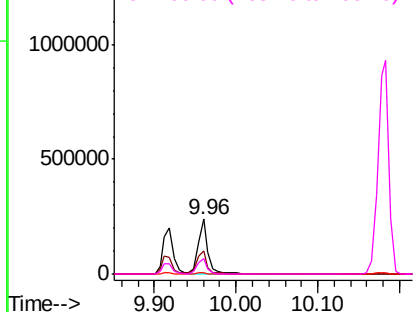


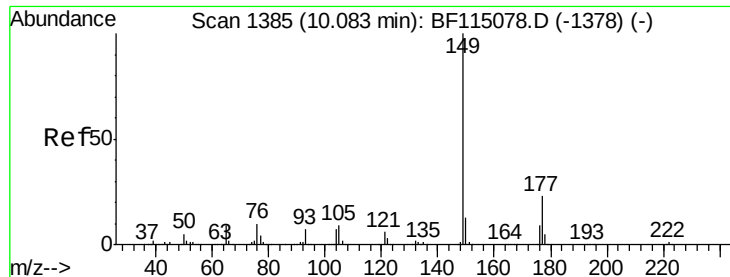
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 18.952 ng
 RT: 9.96 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Tgt Ion:232 Resp: 198709
 Ion Ratio Lower Upper
 232 100
 131 44.4 37.4 56.0
 130 2.3 1.8 2.6
 166 28.8 24.6 36.8



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

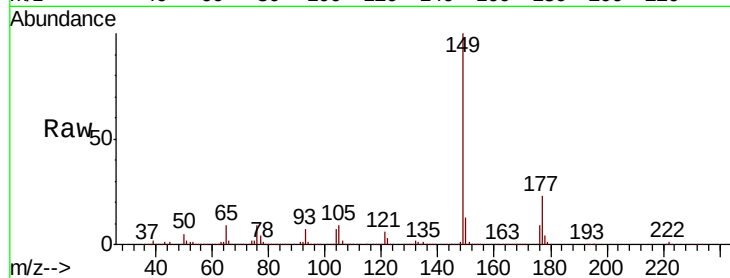




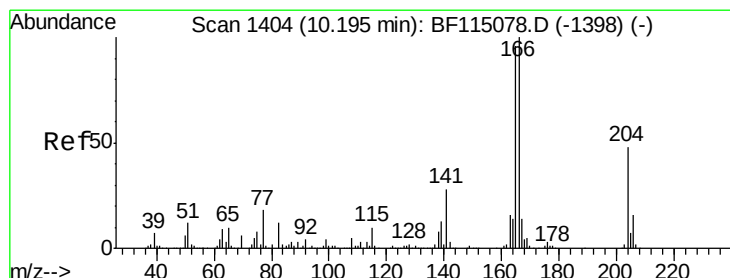
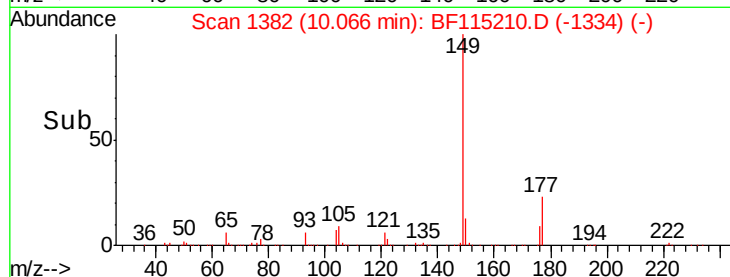
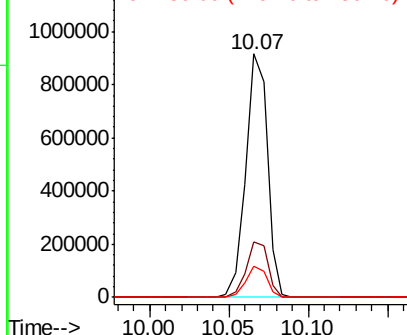
#60
Diethylphthalate
Concen: 21.039 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 865988
Ion Ratio Lower Upper
149 100
177 22.6 18.7 28.1
150 12.7 10.4 15.6

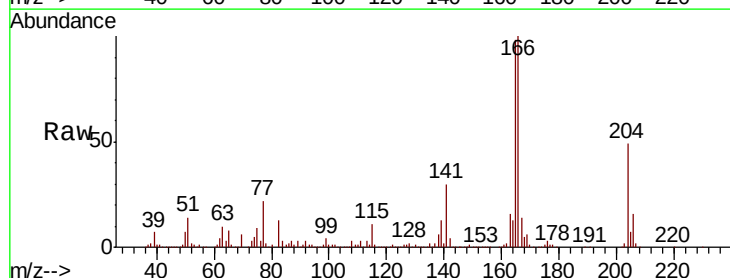


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

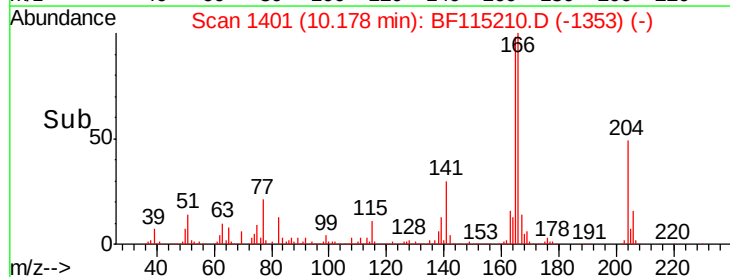
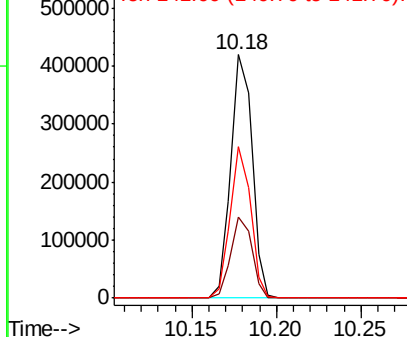


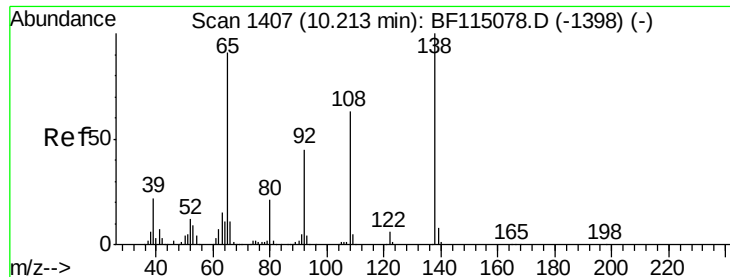
#61
4-Chlorophenyl-phenylether
Concen: 19.128 ng
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion:204 Resp: 368474
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 62.4 46.7 70.1



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: 22.467 ng

RT: 10.19 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

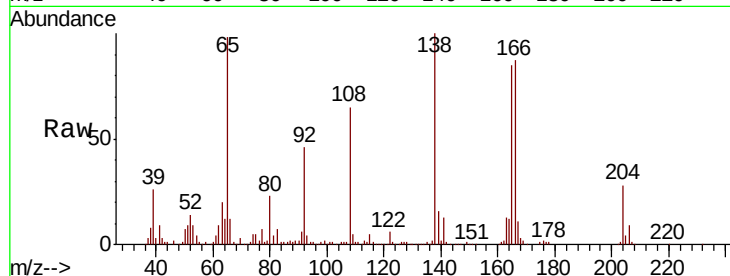
Tot Ion:138 Resp: 260018

Ion Ratio Lower Upper

138 100

92 46.2 24.8 64.8

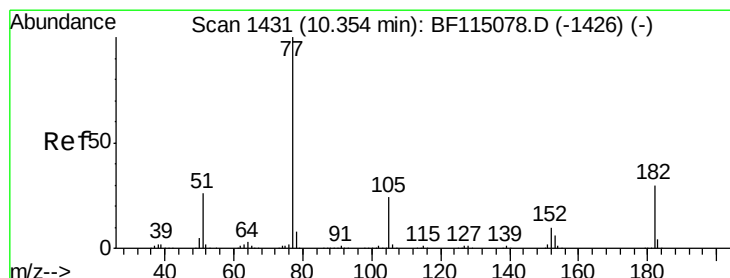
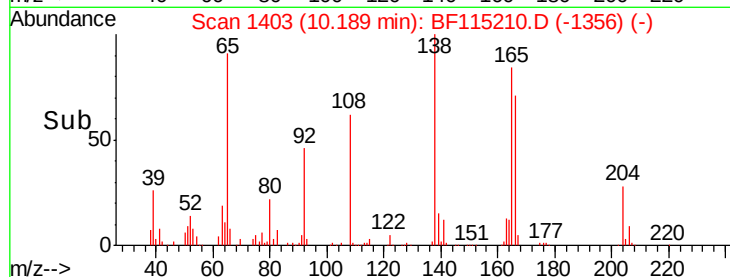
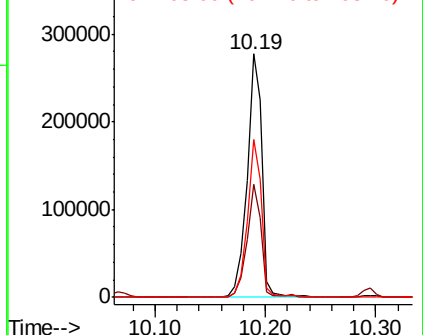
108 64.6 43.3 83.3



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: 20.424 ng

RT: 10.34 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Tgt Ion: 77 Resp: 785200

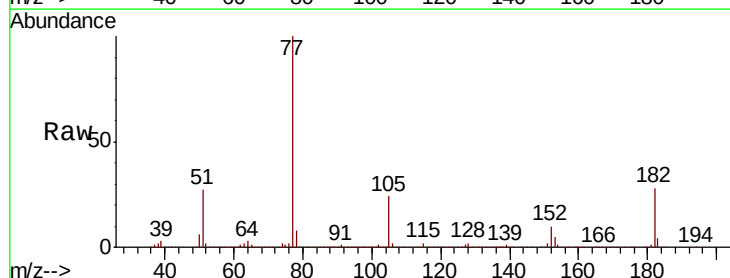
Ion Ratio Lower Upper

77 100

182 27.5 10.1 50.1

105 23.7 4.5 44.5

51 26.7 6.4 46.4

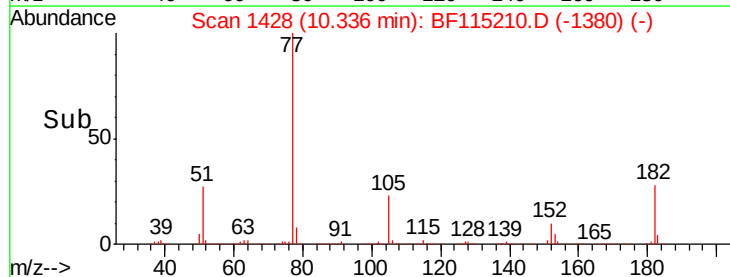
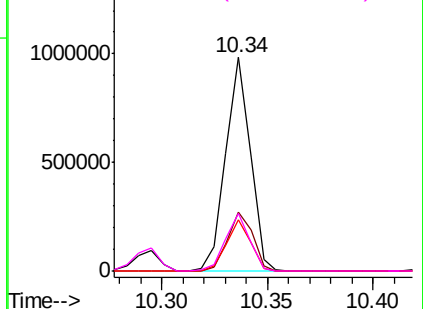


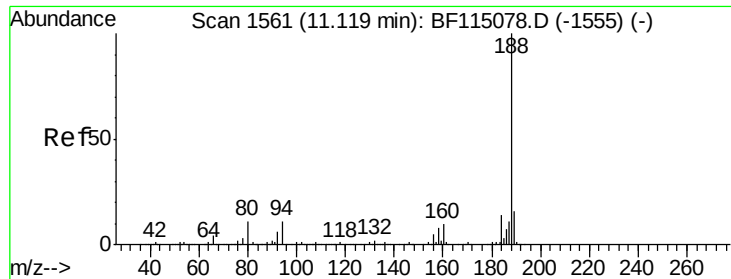
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.11 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

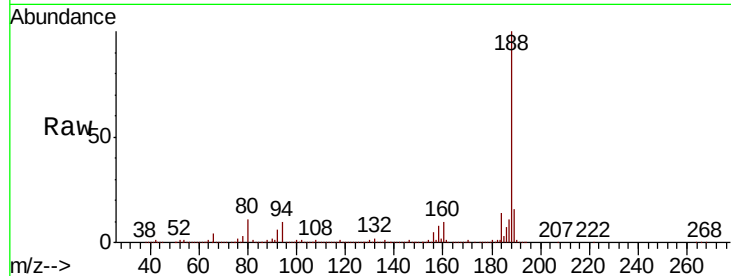
Tot Ion:188 Resp: 1101872

Ion Ratio Lower Upper

188 100

94 10.2 8.6 12.8

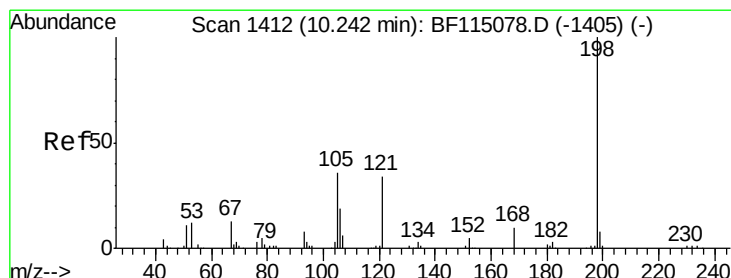
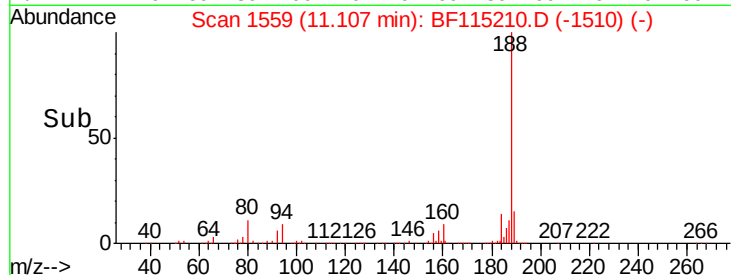
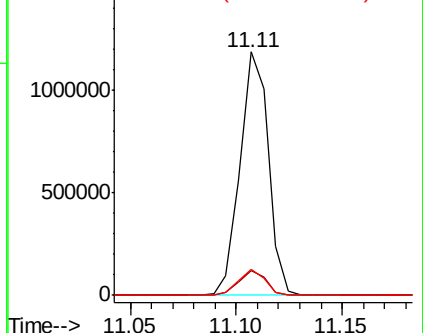
80 10.7 8.8 13.2



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: 14.983 ng

RT: 10.22 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

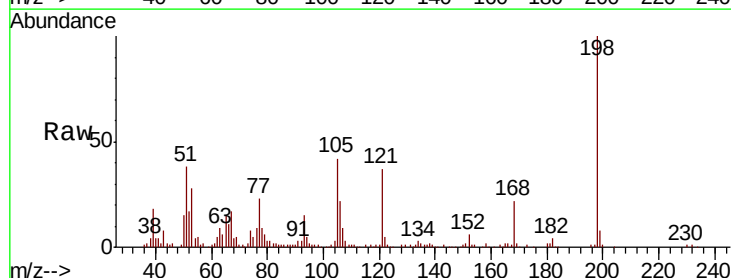
Tgt Ion:198 Resp: 65537

Ion Ratio Lower Upper

198 100

51 38.2 11.0 51.0

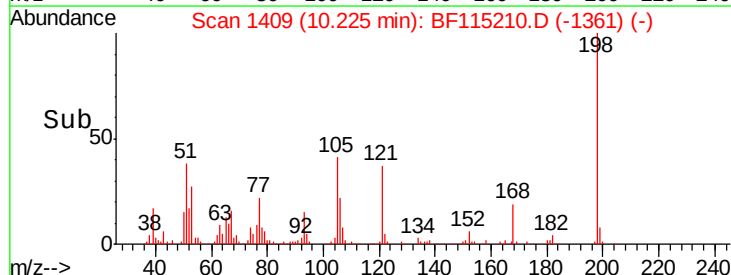
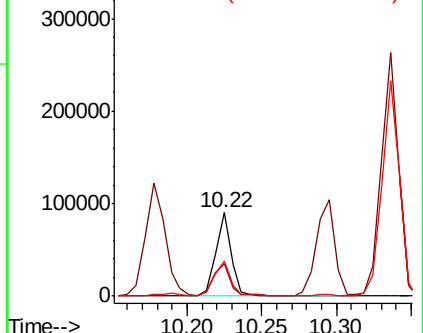
105 42.5 17.3 57.3

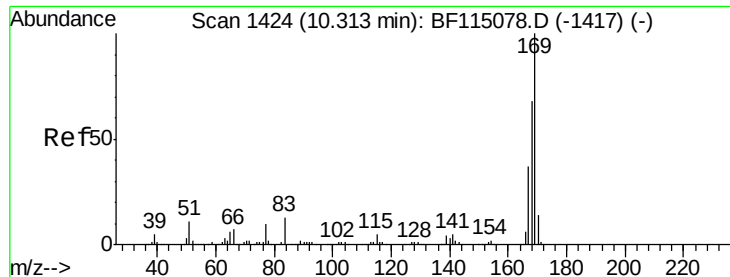


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

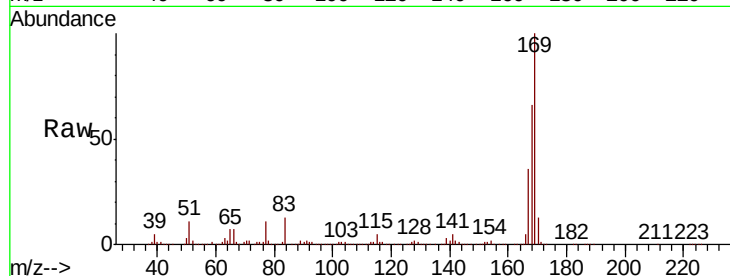




#66
 n-Nitrosodiphenylamine
 Concen: 21.293 ng
 RT: 10.30 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.2	81.4
167	36.3	29.4	44.0

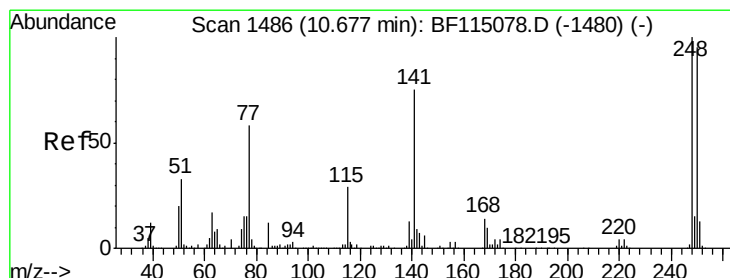
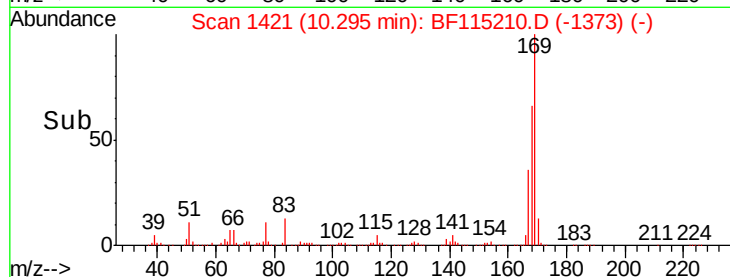
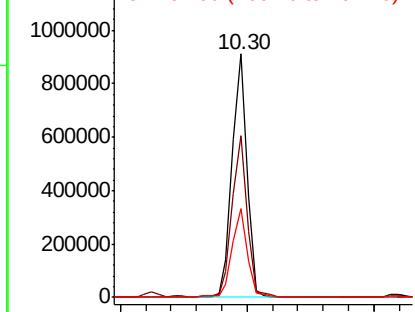


Abundance

Ion 169.00 (168.70 to 169.70): E

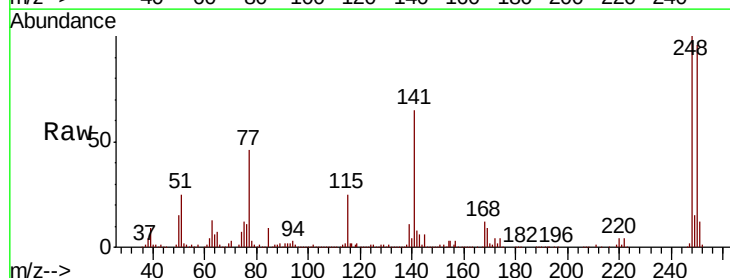
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#67
 4-Bromophenyl-phenylether
 Concen: 20.952 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.2	114.2
141	65.0	59.6	89.4

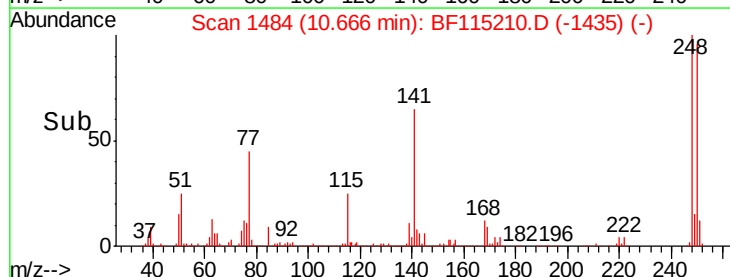
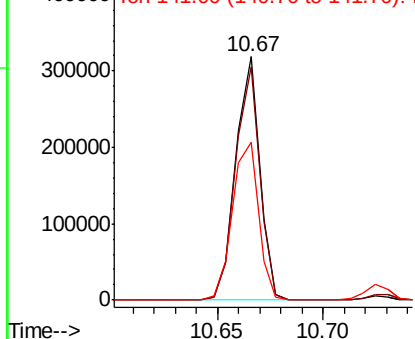


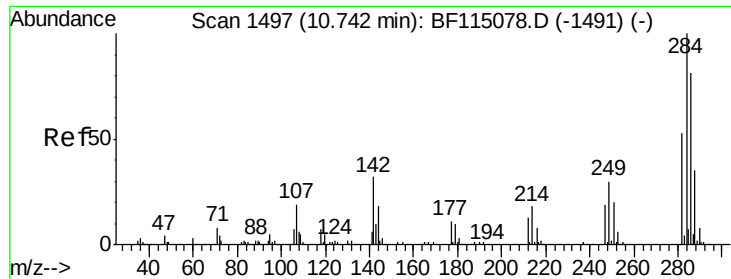
Abundance

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: 21.075 ng

RT: 10.73 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

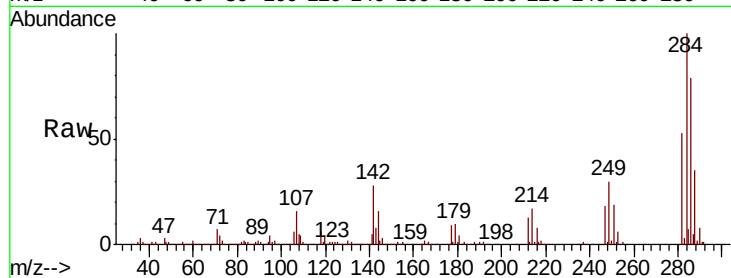
Tot Ion:284 Resp: 273289

Ion Ratio Lower Upper

284 100

142 28.4 25.8 38.8

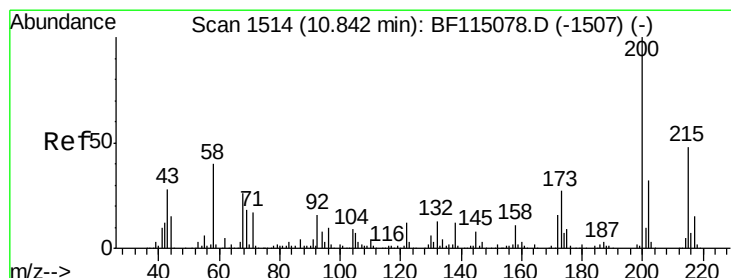
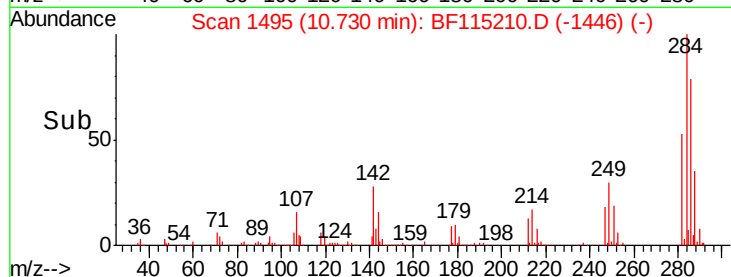
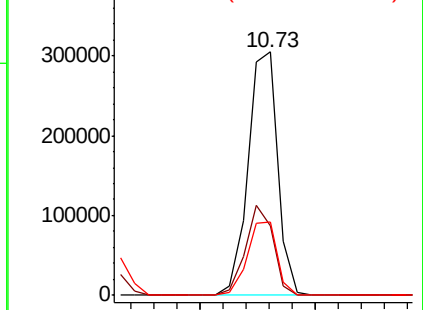
249 30.0 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 21.262 ng

RT: 10.82 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

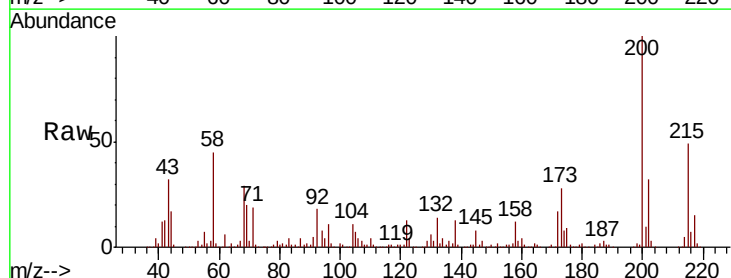
Tgt Ion:200 Resp: 234799

Ion Ratio Lower Upper

200 100

173 27.8 7.4 47.4

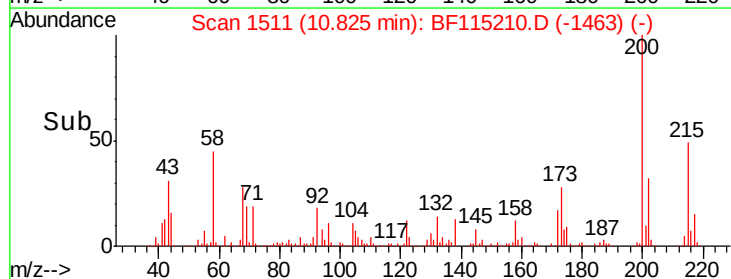
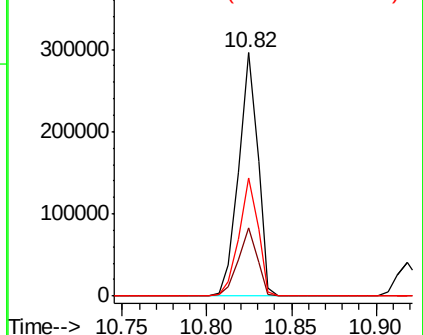
215 48.6 27.8 67.8

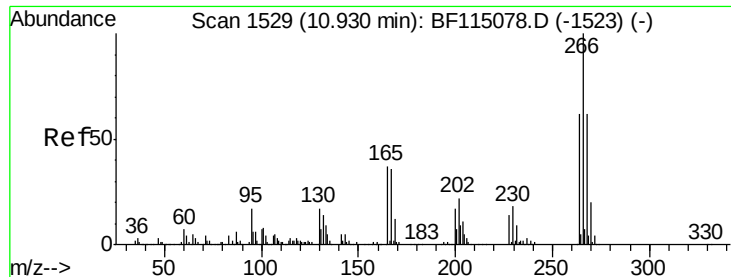


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

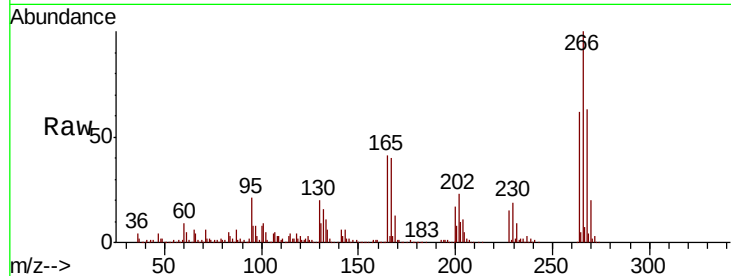




#70
 Pentachlorophenol
 Concen: 27.886 ng
 RT: 10.92 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	49.5	74.3
264	61.8	49.3	73.9

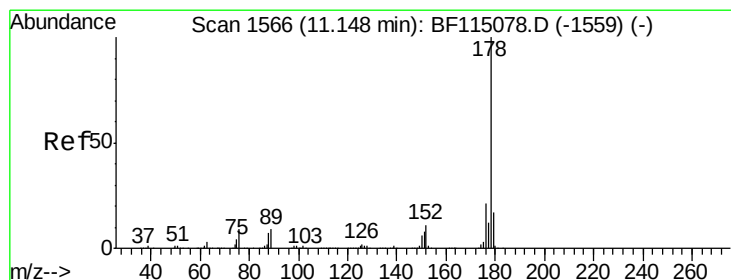
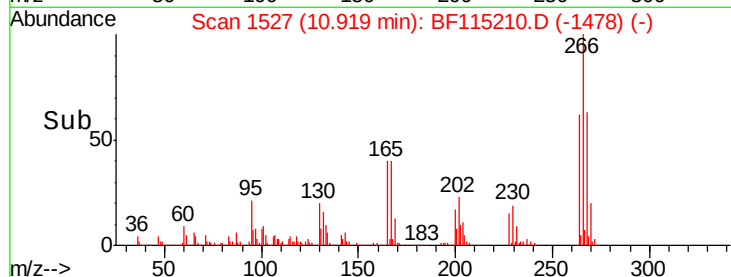
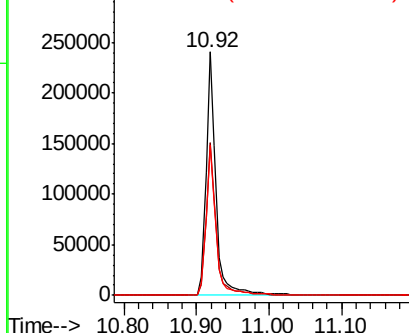


Abundance

Ion 265.70 (265.40 to 266.40): E

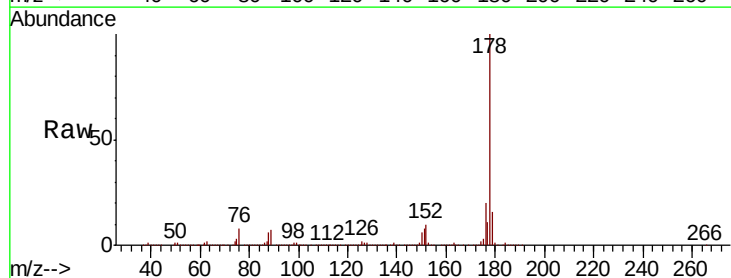
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 22.734 ng
 RT: 11.14 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.9	25.3
179	16.1	13.2	19.8

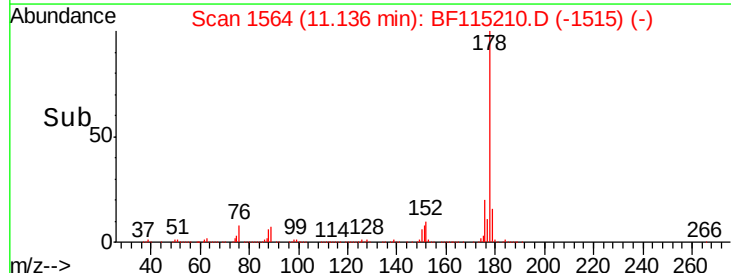
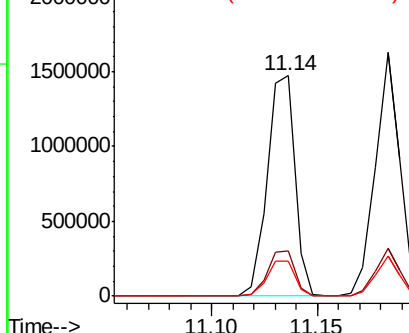


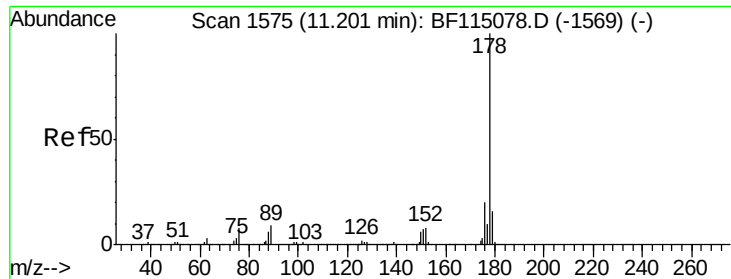
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 22.054 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

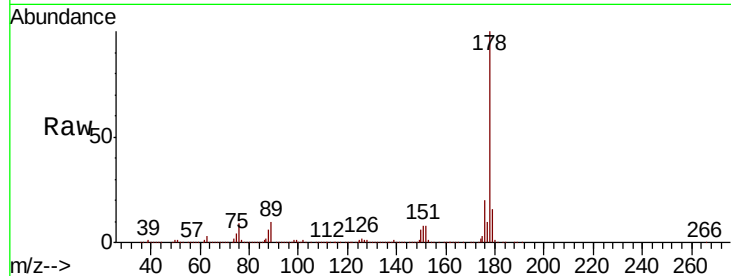
Tot Ion:178 Resp: 1320752

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

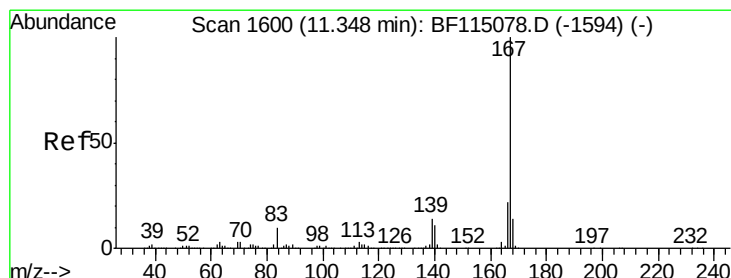
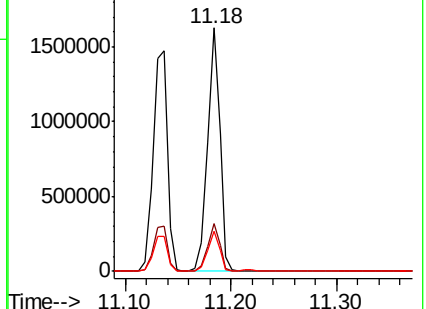
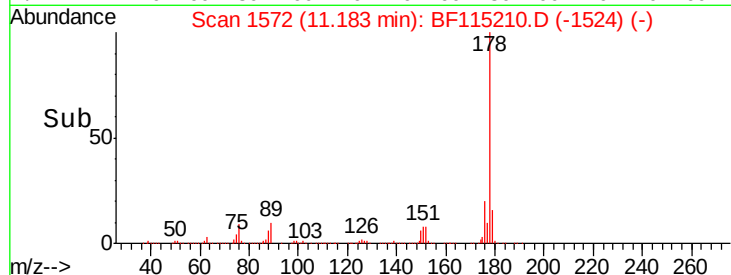
179 16.3 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 21.952 ng

RT: 11.34 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

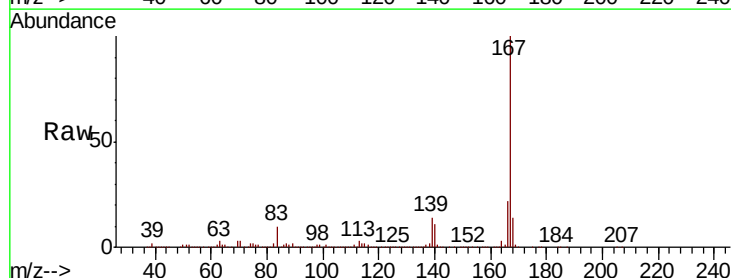
Tgt Ion:167 Resp: 1173884

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

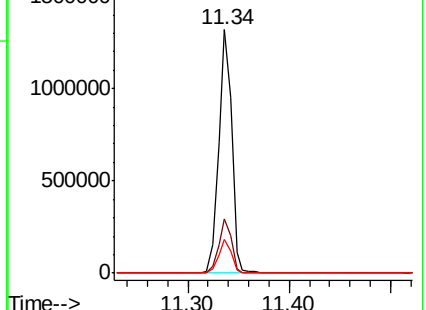
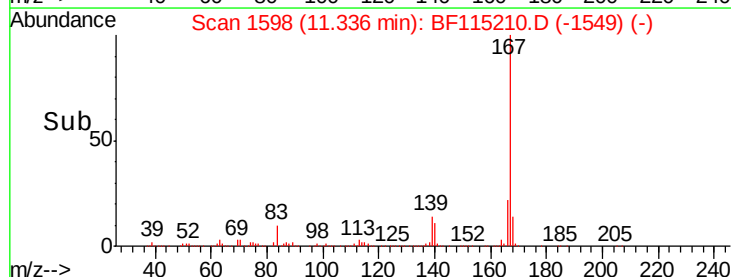
139 13.7 11.1 16.7

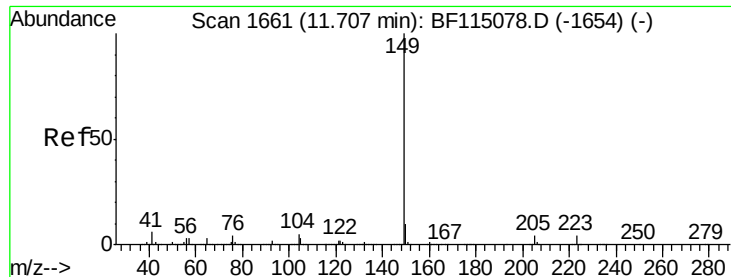


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 22.212 ng

RT: 11.69 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

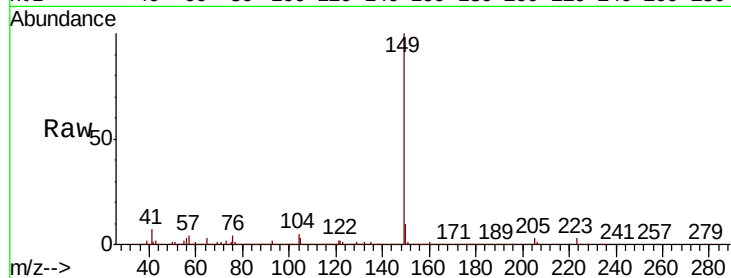
Tot Ion:149 Resp: 1372603

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

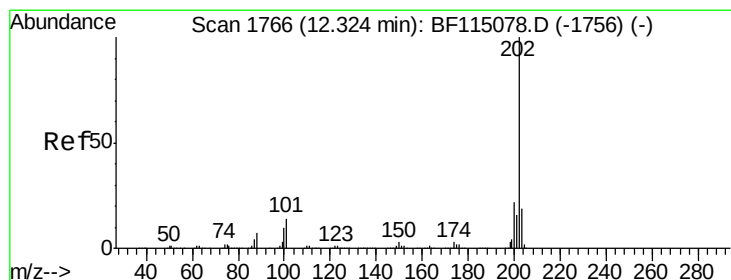
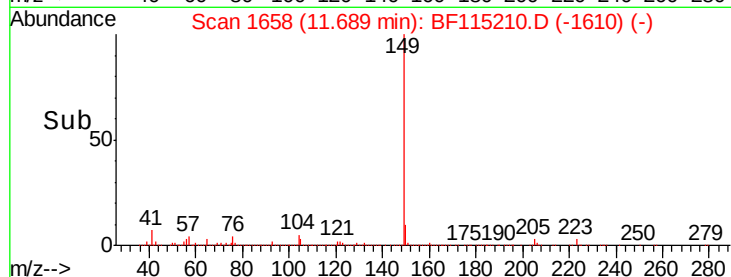
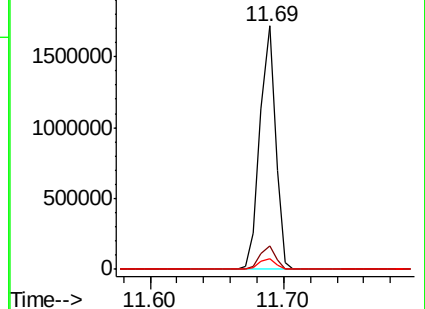
104 4.6 3.7 5.5



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: 22.646 ng

RT: 12.31 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

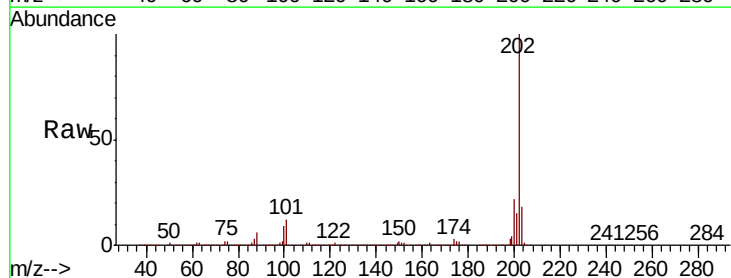
Tgt Ion:202 Resp: 1340475

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.0

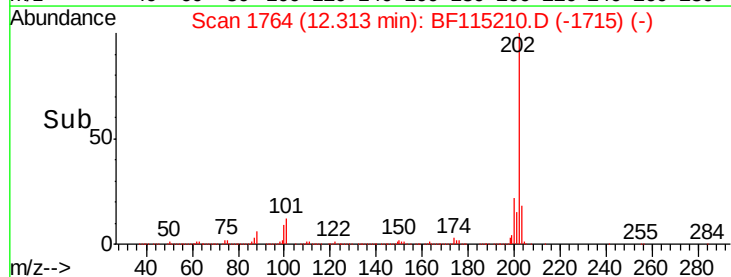
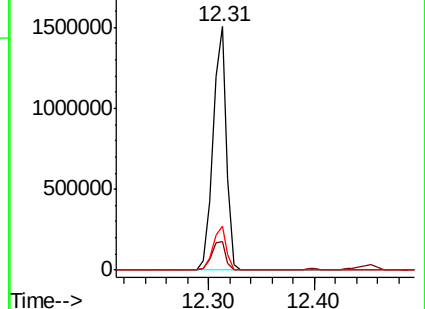
203 18.1 0.0 38.8

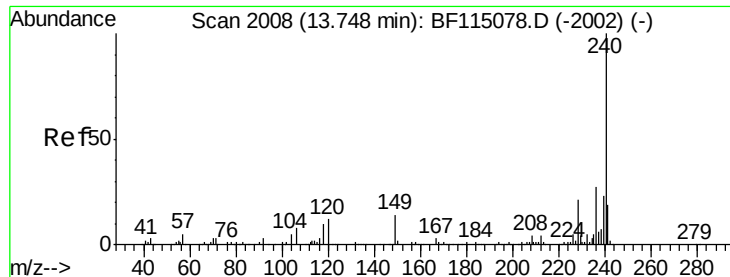


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

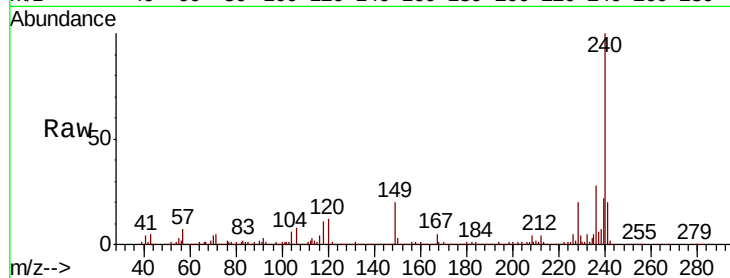




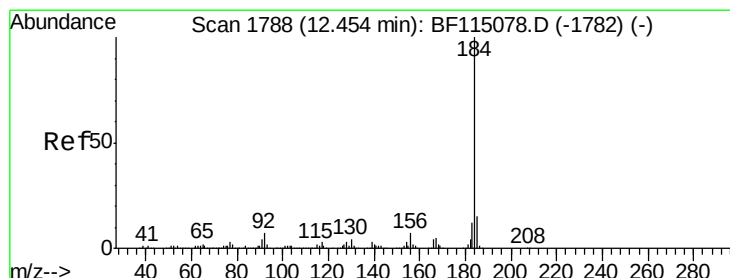
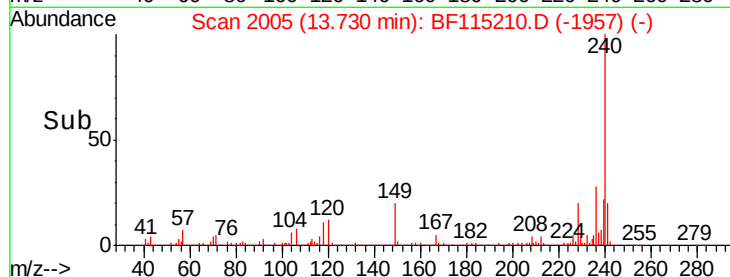
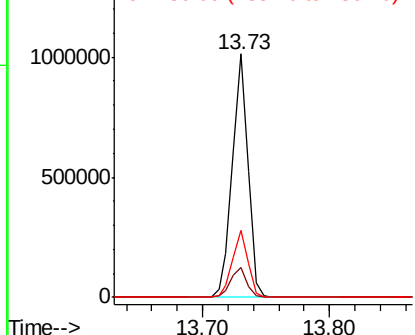
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 864067
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.4 14.2
 236 27.5 21.7 32.5

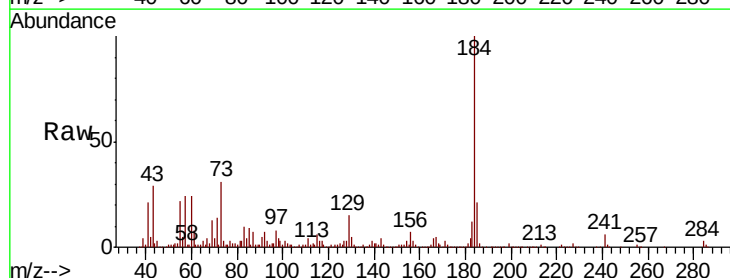


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

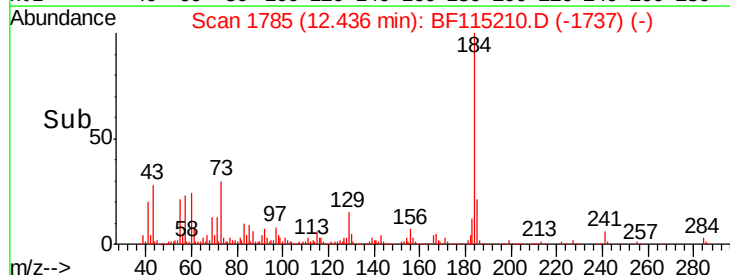
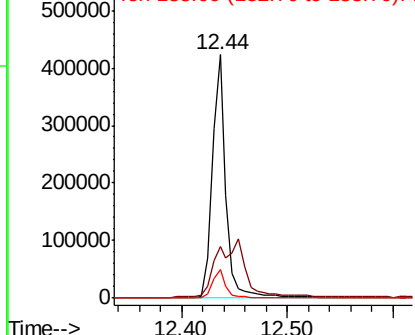


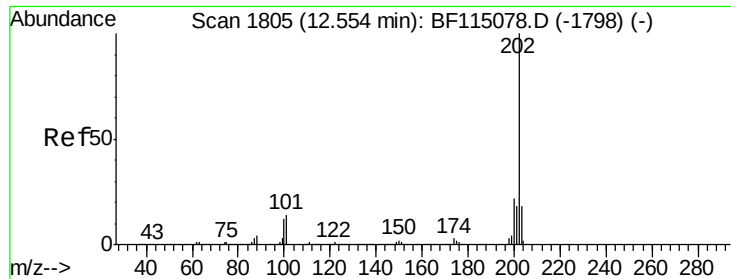
#77
 Benzidine
 Concen: 9.980 ng
 RT: 12.44 min Scan# 1785
 Delta R.T. -0.02 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

Tgt Ion:184 Resp: 382903
 Ion Ratio Lower Upper
 184 100
 185 21.0 12.2 18.2#
 183 11.8 9.6 14.4



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

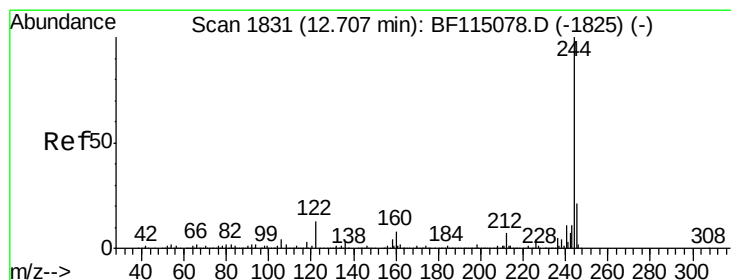
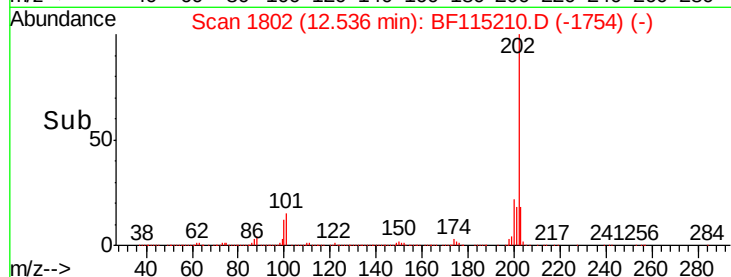
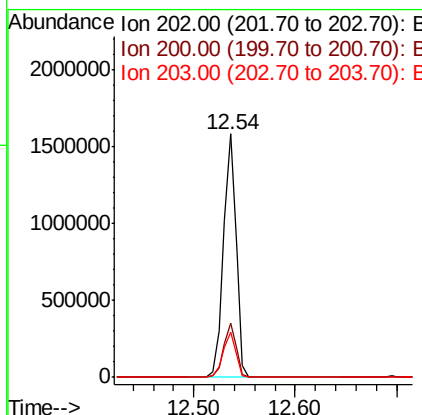
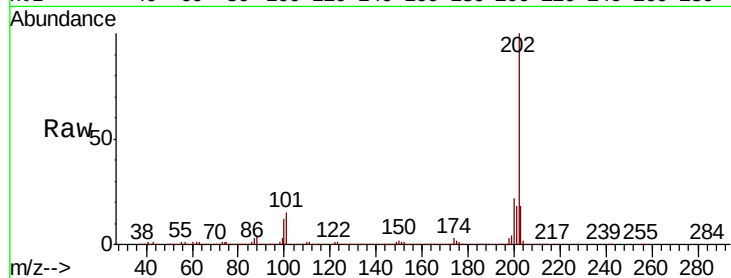




#78
Pvrene
Concen: 20.437 ng
RT: 12.54 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

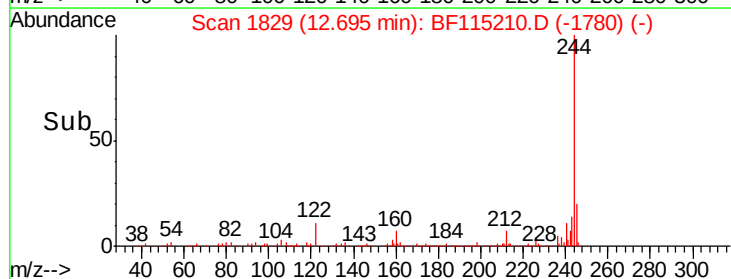
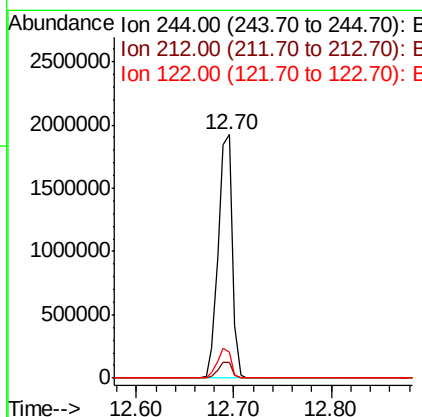
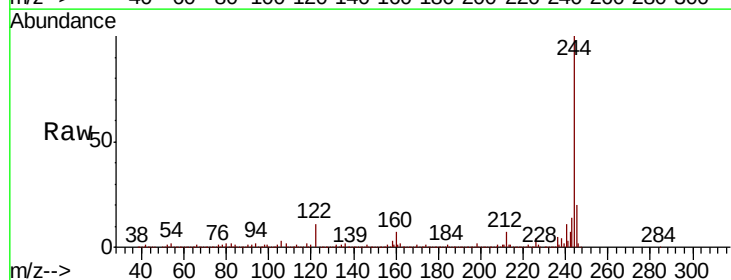
Instrument :
BNA_F
ClientSampleId :

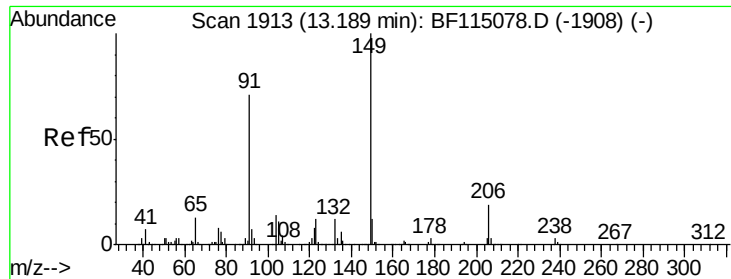
Tot Ion:202 Resp: 1357067
Ion Ratio Lower Upper
202 100
200 22.5 17.9 26.9
203 18.3 14.6 21.8



#79
Terphenyl-d14
Concen: 47.335 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion:244 Resp: 1923705
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 10.5 10.4 15.6

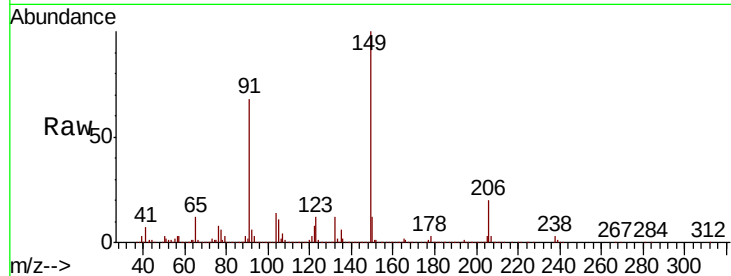




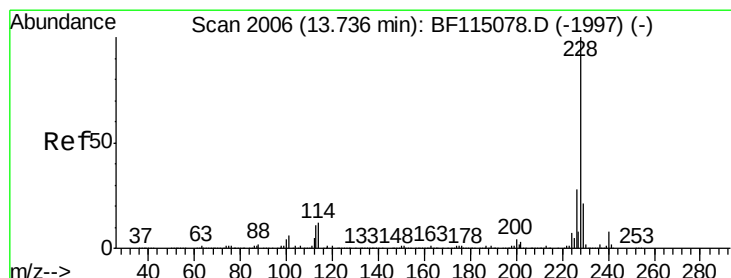
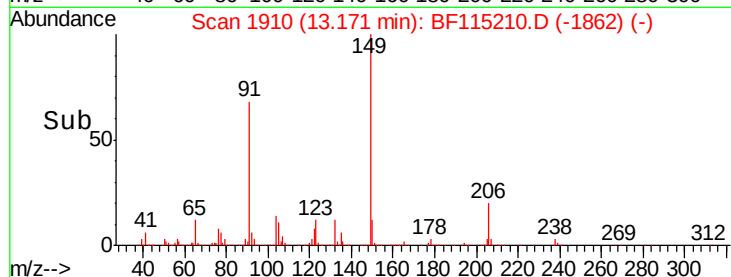
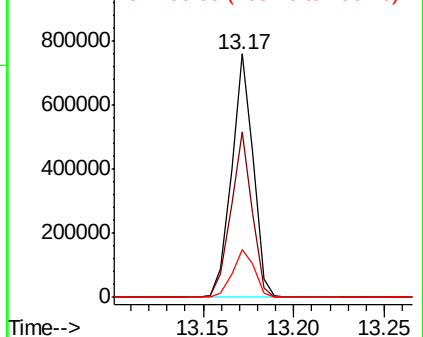
#80
Butylbenzylphthalate
Concen: 21.290 ng
RT: 13.17 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 623902
Ion Ratio Lower Upper
149 100
91 67.9 56.5 84.7
206 19.8 15.3 22.9

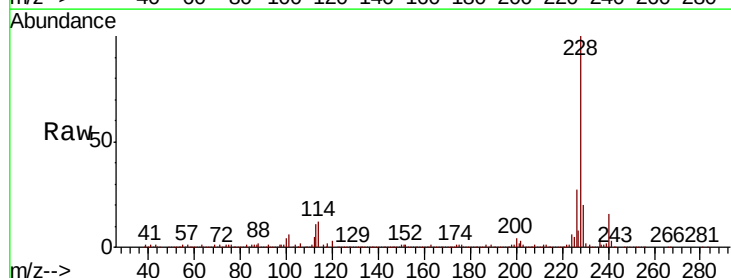


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

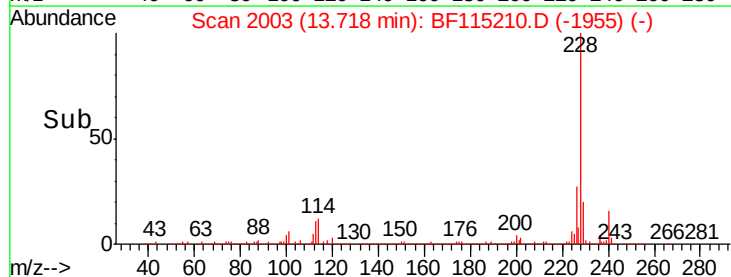
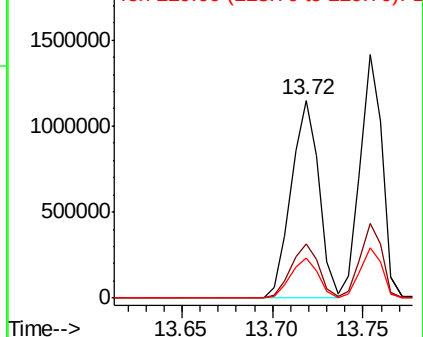


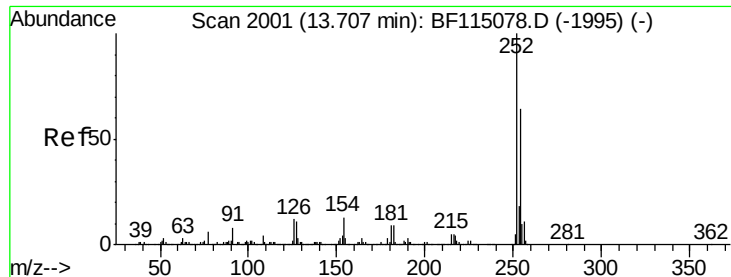
#81
Benzo(a)anthracene
Concen: 19.912 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion:228 Resp: 1234538
Ion Ratio Lower Upper
228 100
226 27.3 22.5 33.7
229 20.2 16.6 24.8



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





#82

3,3'-Dichlorobenzidine

Concen: 11.326 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

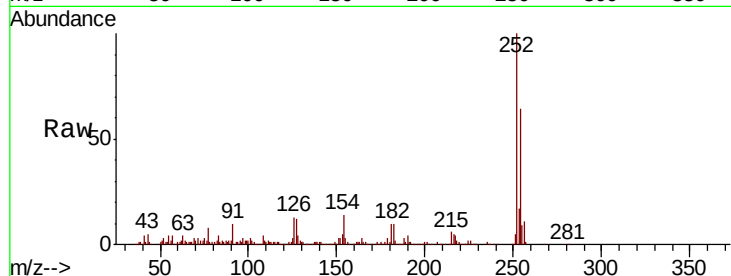
Tot Ion:252 Resp: 253574

Ion Ratio Lower Upper

252 100

254 63.7 51.1 76.7

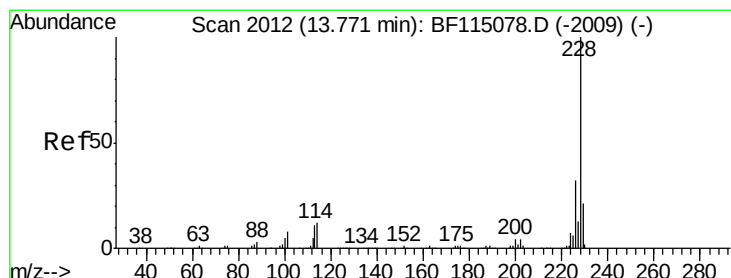
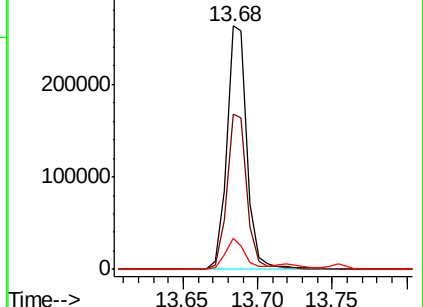
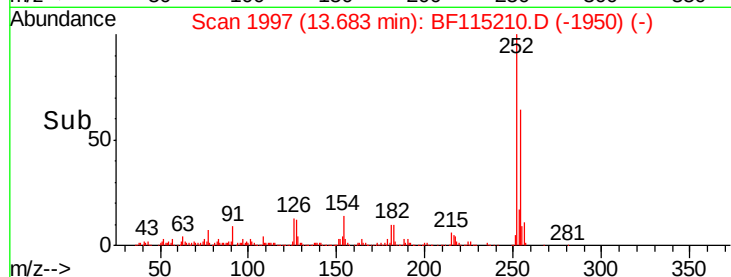
126 12.9 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 21.267 ng

RT: 13.75 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

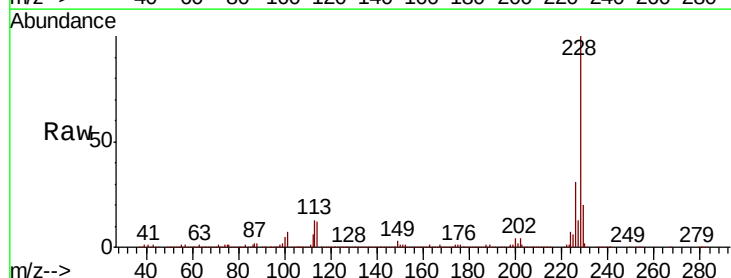
Tgt Ion:228 Resp: 1207829

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.0

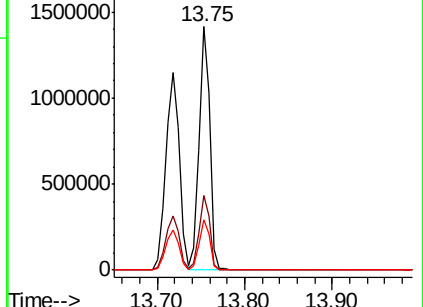
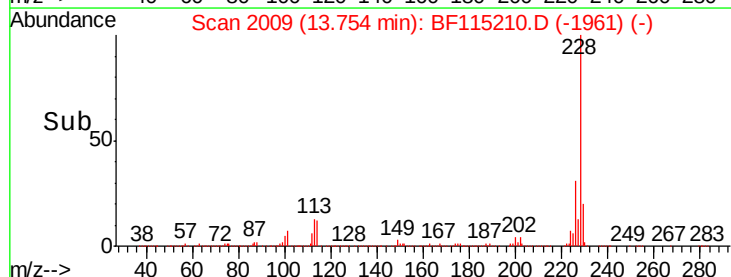
229 20.4 16.5 24.7

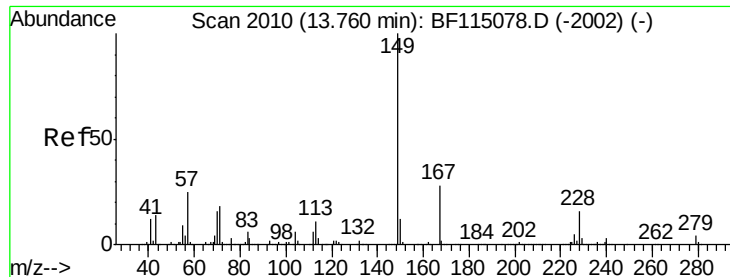


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 22.254 ng

RT: 13.74 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

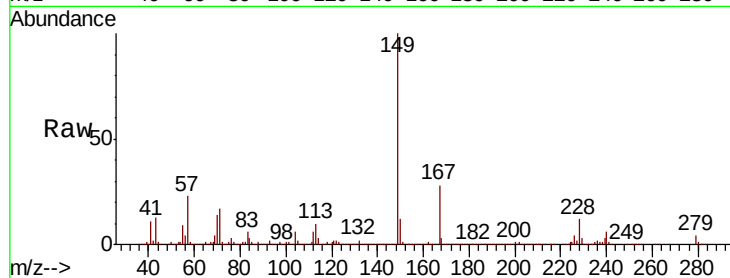
Tot Ion:149 Resp: 854511

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.4

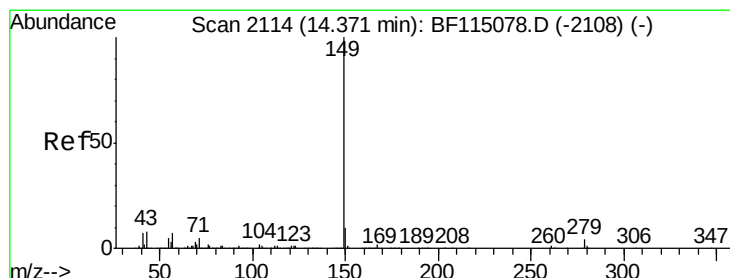
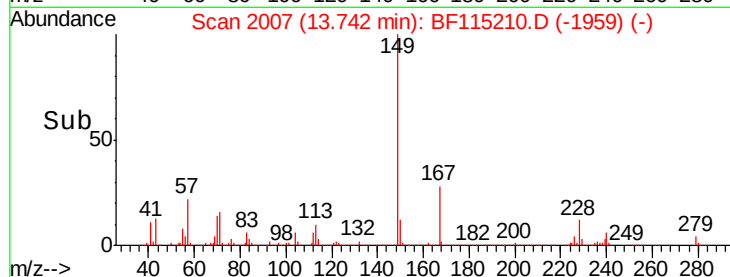
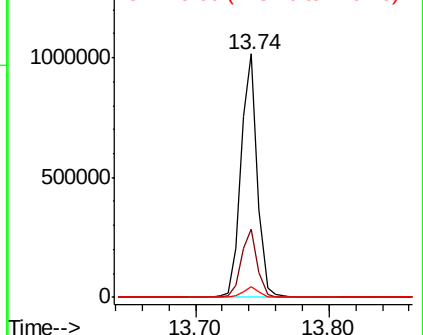
279 4.3 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 22.736 ng

RT: 14.35 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

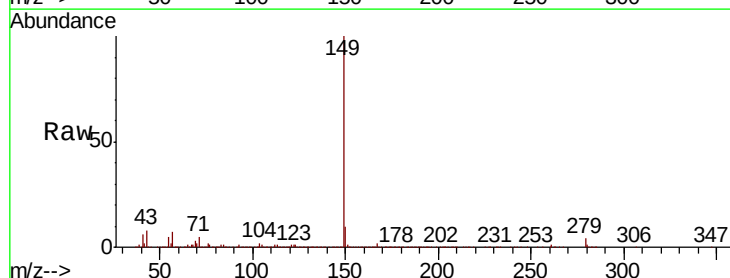
Tgt Ion:149 Resp: 1466824

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

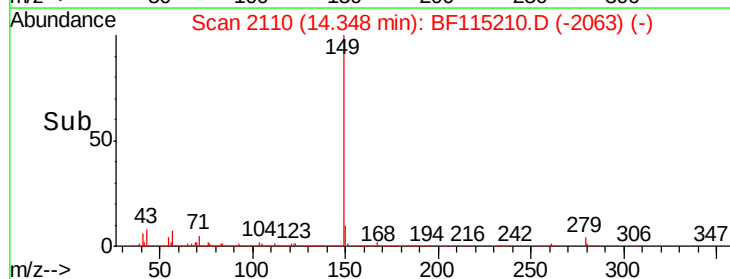
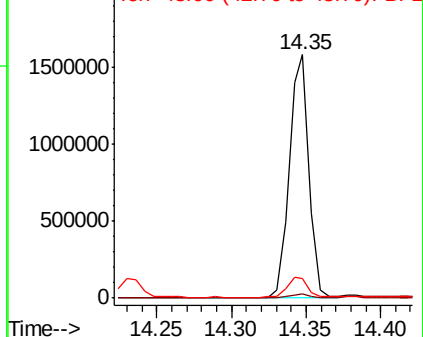
43 8.4 7.0 10.6

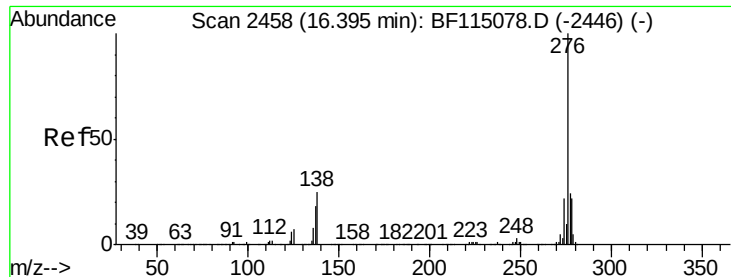


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



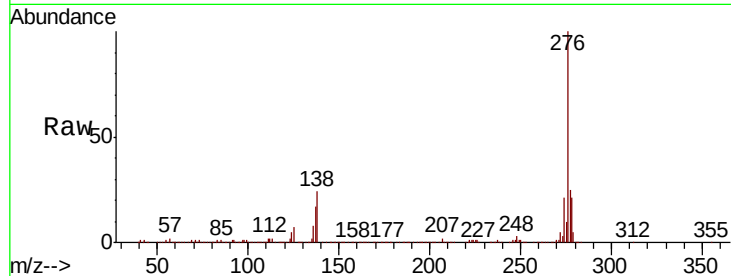


#86
 Indeno(1,2,3-cd)pyrene
 Concen: 18.060 ng
 RT: 16.35 min Scan# 2451
 Delta R.T. -0.04 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

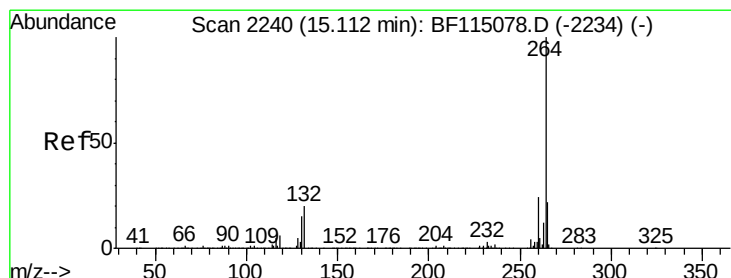
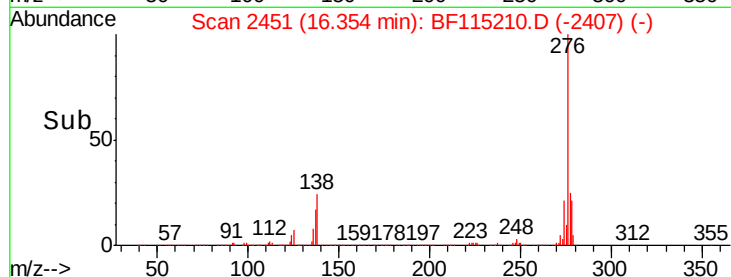
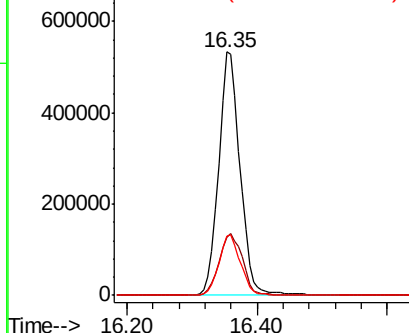
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1213693

Ion	Ratio	Lower	Upper
276	100		
138	27.7	23.2	34.8
277	25.2	20.1	30.1



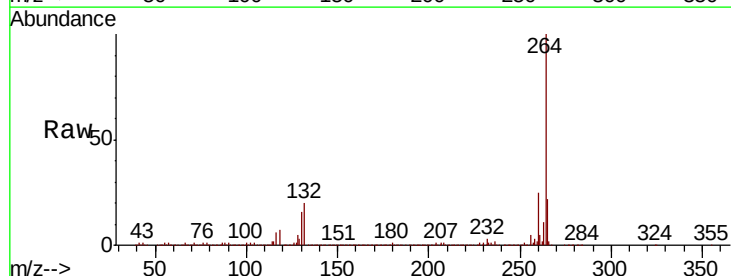
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



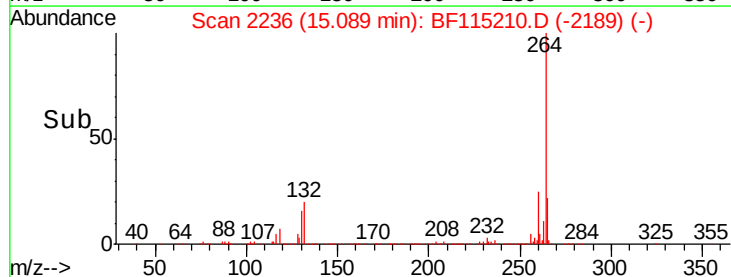
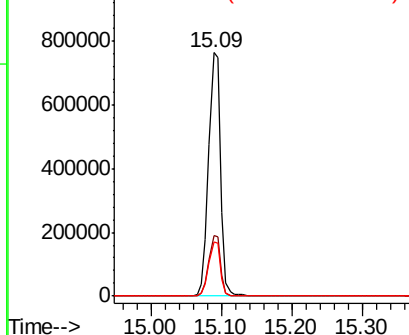
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF115210.D
 Acq: 26 Jun 2019 9:21

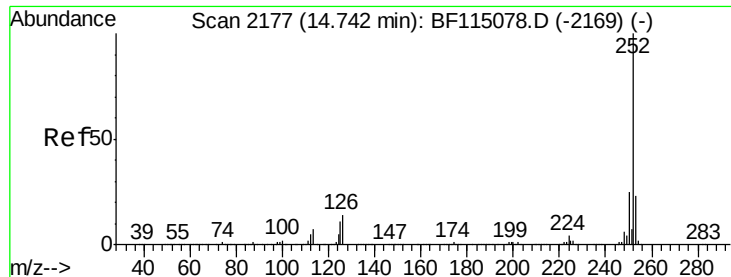
Tgt Ion:264 Resp: 905002

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.4	17.3	25.9



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

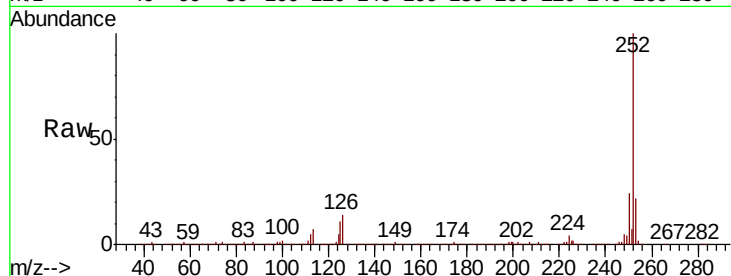




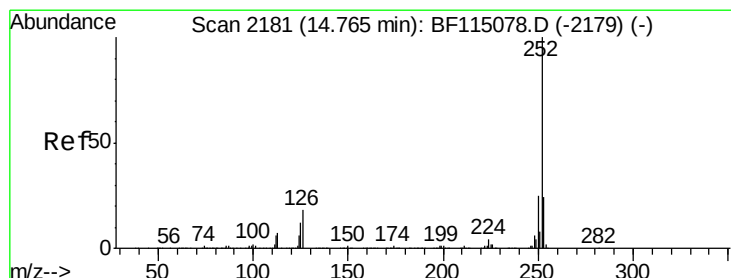
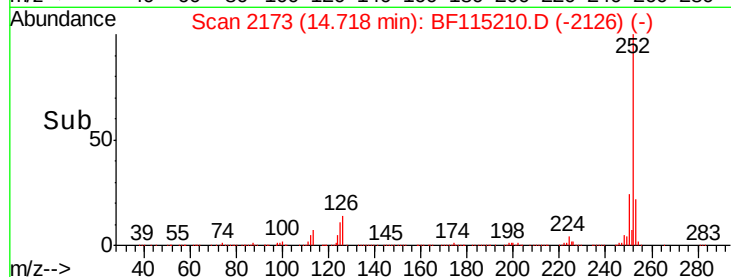
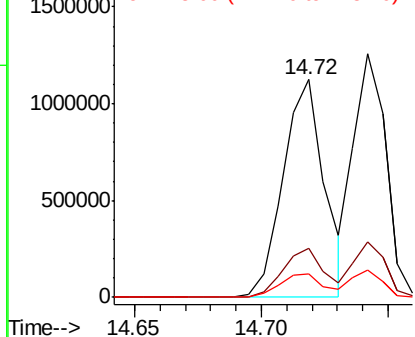
#88
Benzo(b)fluoranthene
Concen: 22.507 ng
RT: 14.72 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1270963
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 10.6 8.7 13.1

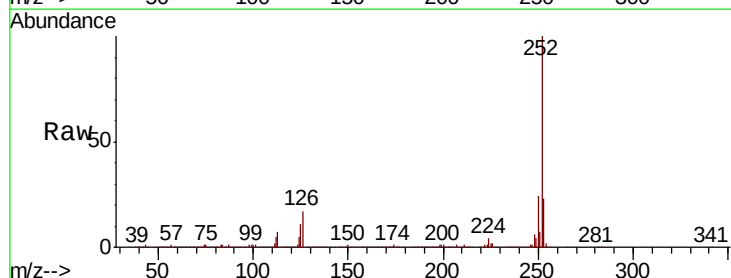


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

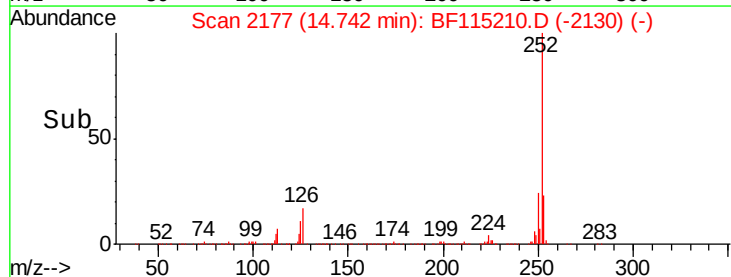
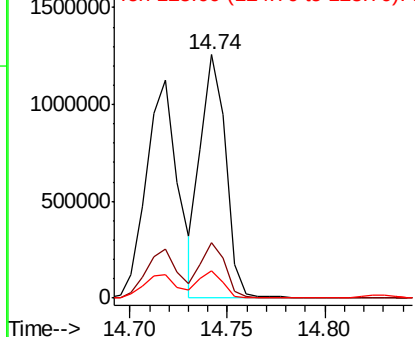


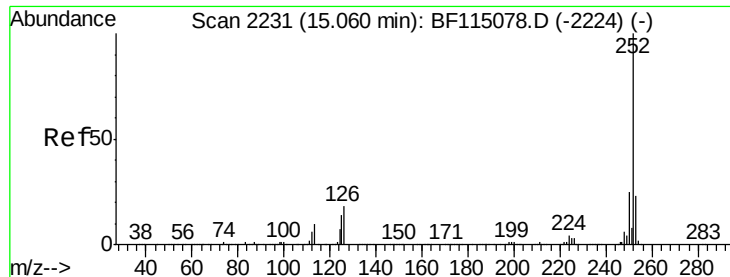
#89
Benzo(k)fluoranthene
Concen: 22.274 ng
RT: 14.74 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF115210.D
Acq: 26 Jun 2019 9:21

Tgt Ion:252 Resp: 1127981
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 11.4 10.2 15.2



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





#90

Benzo(a)pyrene

Concen: 22.482 ng

RT: 15.04 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampled :

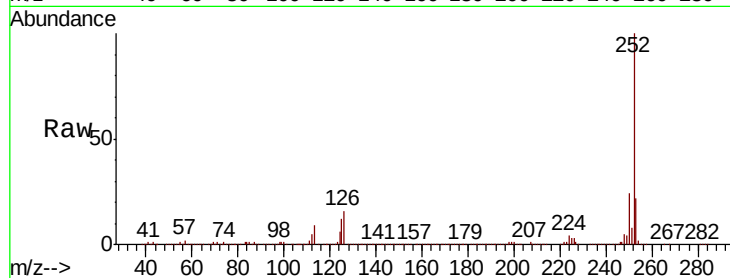
Tot Ion:252 Resp: 1144280

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

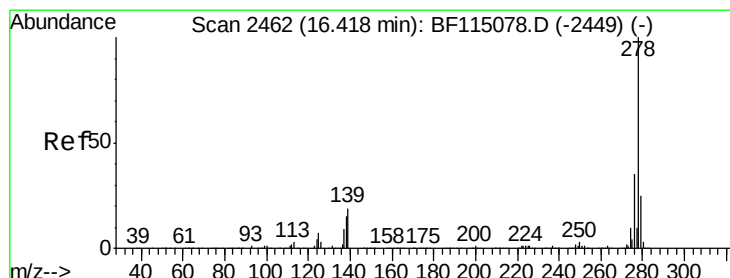
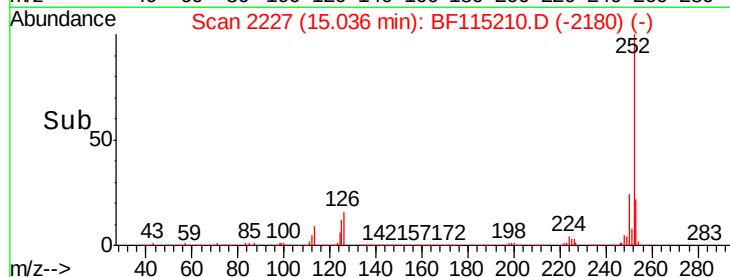
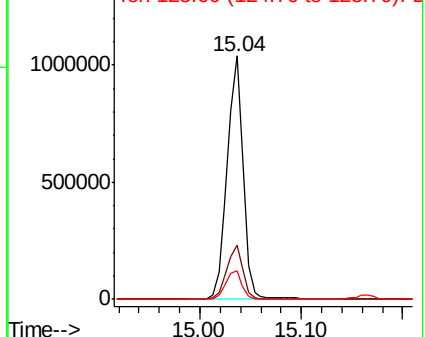
125 11.9 10.9 16.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 21.414 ng

RT: 16.38 min Scan# 2455

Delta R.T. -0.04 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

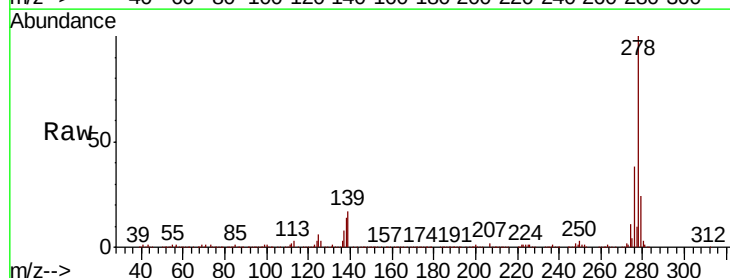
Tgt Ion:278 Resp: 1017514

Ion Ratio Lower Upper

278 100

139 17.2 15.4 23.2

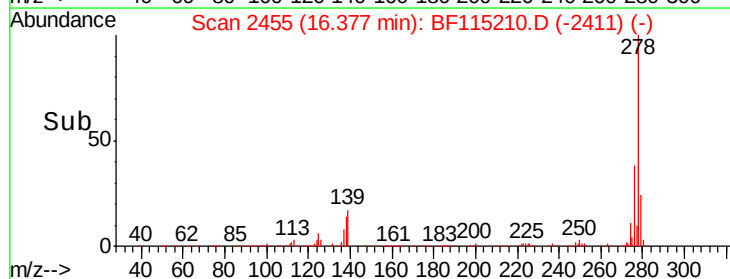
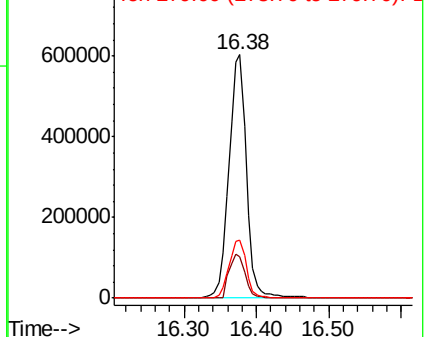
279 23.9 19.9 29.9

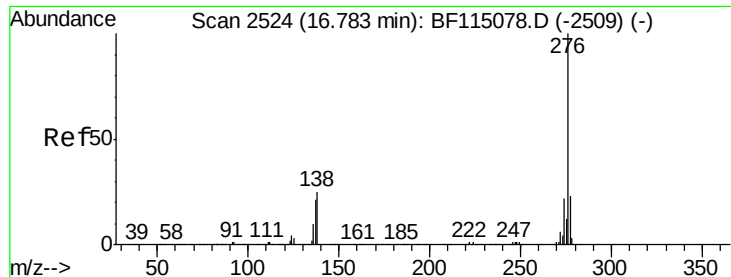


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 20.623 ng

RT: 16.74 min Scan# 2516

Delta R.T. -0.05 min

Lab File: BF115210.D

Acq: 26 Jun 2019 9:21

Instrument :

BNA_F

ClientSampleId :

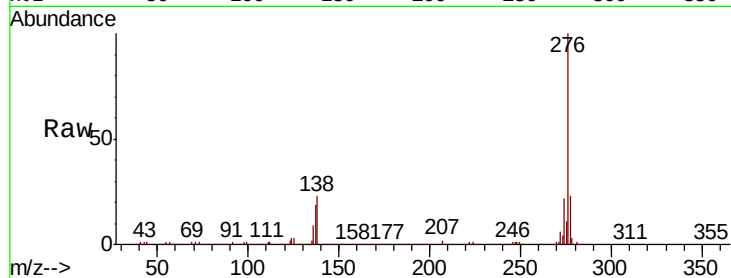
Tot Ion: 276 Resp: 991761

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 23.0 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

