

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114790.D
 Acq On : 4 Jun 2019 12:21
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 04 13:12:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 13:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	436327	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1768688	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	882936	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1647752	20.00	ng	0.00
76) Chrysene-d12	13.79	240	902021	20.00	ng	0.00
87) Perylene-d12	15.17	264	1127724	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1997502	86.57	ng	0.00
7) Phenol-d6	6.30	99	2465951	88.33	ng	0.00
23) Nitrobenzene-d5	7.23	82	2350462	84.82	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	778185	87.09	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	4062744	82.93	ng	0.00
79) Terphenyl-d14	12.75	244	3778380	77.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	476555	42.643	ng	100
3) Pyridine	2.97	79	1314634	42.087	ng	100
4) n-Nitrosodimethylamine	2.92	42	477392	40.912	ng	100
6) Aniline	6.33	93	1760880	42.392	ng	100
8) 2-Chlorophenol	6.45	128	1190989	42.769	ng	100
9) Benzaldehyde	6.21	77	860374	51.399	ng	100
10) Phenol	6.32	94	1394792	42.087	ng	100
11) bis(2-Chloroethyl)ether	6.41	93	1119222	42.878	ng	100
12) 1,3-Dichlorobenzene	6.61	146	1376343	42.741	ng	100
13) 1,4-Dichlorobenzene	6.69	146	1394237	42.980	ng	100
14) 1,2-Dichlorobenzene	6.84	146	1280506	43.726	ng	100
15) Benzyl Alcohol	6.81	79	961651	43.545	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1616466	42.864	ng	100
17) 2-Methylphenol	6.93	107	1011213	42.683	ng	100
18) Hexachloroethane	7.18	117	524729	42.950	ng	100
19) n-Nitroso-di-n-propylamine	7.09	70	826988	42.673	ng	100
20) 3+4-Methylphenols	7.09	107	1104227	42.155	ng	100
22) Acetophenone	7.08	105	1567968	41.853	ng	100
24) Nitrobenzene	7.25	77	1224446	42.573	ng	100
25) Isophorone	7.50	82	2306725	41.747	ng	100
26) 2-Nitrophenol	7.57	139	671126	43.120	ng	100
27) 2,4-Dimethylphenol	7.61	122	1007393	42.246	ng	100
28) bis(2-Chloroethoxy)methane	7.71	93	1493784	42.099	ng	100
29) 2,4-Dichlorophenol	7.81	162	1067724	42.490	ng	100
30) 1,2,4-Trichlorobenzene	7.89	180	1225668	42.664	ng	100
31) Naphthalene	7.97	128	3244121	42.191	ng	100
32) Benzoic acid	7.75	122	802571	47.227	ng	100
33) 4-Chloroaniline	8.02	127	1556700	41.681	ng	100
34) Hexachlorobutadiene	8.10	225	704293	43.062	ng	100
35) Caprolactam	8.40	113	334133	41.335	ng	100
36) 4-Chloro-3-methylphenol	8.50	107	1037457	41.801	ng	100
37) 2-Methylnaphthalene	8.66	142	2274777	42.481	ng	100
38) 1-Methylnaphthalene	8.76	142	2150957	42.382	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1050312	42.719	ng	100

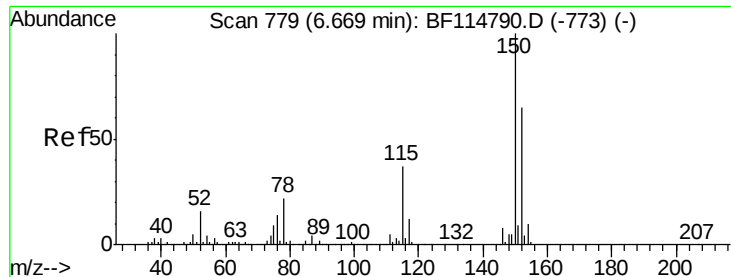
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	641148	41.839	ng	100
43) 2,4,6-Trichlorophenol	8.94	196	801180	41.740	ng	100
44) 2,4,5-Trichlorophenol	8.97	196	815138	42.796	ng	100
46) 1,1'-Biphenyl	9.13	154	2679525	42.471	ng	100
47) 2-Chloronaphthalene	9.15	162	2300588	43.104	ng	100
48) 2-Nitroaniline	9.24	65	664918	41.340	ng	100
49) Acenaphthylene	9.56	152	3270810	41.985	ng	100
50) Dimethylphthalate	9.43	163	2601398	41.520	ng	100
51) 2,6-Dinitrotoluene	9.49	165	620123	42.663	ng	100
52) Acenaphthene	9.73	154	2143446	42.325	ng	100
53) 3-Nitroaniline	9.65	138	709705	40.984	ng	100
54) 2,4-Dinitrophenol	9.75	184	284260	41.421	ng	100
55) Dibenzofuran	9.90	168	2876874	42.392	ng	100
56) 4-Nitrophenol	9.80	139	523035	41.777	ng	100
57) 2,4-Dinitrotoluene	9.89	165	796012	43.263	ng	100
58) Fluorene	10.25	166	2007856	41.247	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.02	232	673795	43.348	ng	100
60) Diethylphthalate	10.13	149	2630438	41.957	ng	100
61) 4-Chlorophenyl-phenylether	10.24	204	1048176	41.787	ng	100
62) 4-Nitroaniline	10.26	138	698085	41.691	ng	100
63) Azobenzene	10.40	77	2245653	41.750	ng	100
65) 4,6-Dinitro-2-methylphenol	10.29	198	354316	41.570	ng	100
66) n-Nitrosodiphenylamine	10.36	169	2046816	42.276	ng	100
67) 4-Bromophenyl-phenylether	10.72	248	778998	42.801	ng	100
68) Hexachlorobenzene	10.79	284	843124	42.367	ng	100
69) Atrazine	10.89	200	716949	49.872	ng	100
70) Pentachlorophenol	10.98	266	493000	43.410	ng	100
71) Phenanthrene	11.20	178	3155450	41.257	ng	100
72) Anthracene	11.25	178	3245745	42.298	ng	100
73) Carbazole	11.40	167	2848174	41.011	ng	100
74) Di-n-butylphthalate	11.74	149	3682215	41.590	ng	100
75) Fluoranthene	12.37	202	3112083	40.469	ng	100
77) Benzidine	12.49	184	1826406	51.215	ng	100
78) Pyrene	12.60	202	3217491	42.740	ng	100
80) Butylbenzylphthalate	13.23	149	1607039	41.523	ng	100
81) Benzo(a)anthracene	13.78	228	2834647	42.100	ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	1153863	43.207	ng	100
83) Chrysene	13.82	228	2697201	41.536	ng	100
84) Bis(2-ethylhexyl)phthalate	13.79	149	2098481	43.269	ng	100
85) Di-n-octyl phthalate	14.40	149	3494405	42.418	ng	100
86) Indeno(1,2,3-cd)pyrene	16.49	276	2970391	38.918	ng	100
88) Benzo(b)fluoranthene	14.79	252	2760337	40.315	ng	100
89) Benzo(k)fluoranthene	14.82	252	2651290	46.214	ng	100
90) Benzo(a)pyrene	15.12	252	2574664	42.722	ng	100
91) Dibenzo(a,h)anthracene	16.50	278	2414739	42.214	ng	100
92) Benzo(g,h,i)perylene	16.88	276	2391477	41.347	ng	100

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

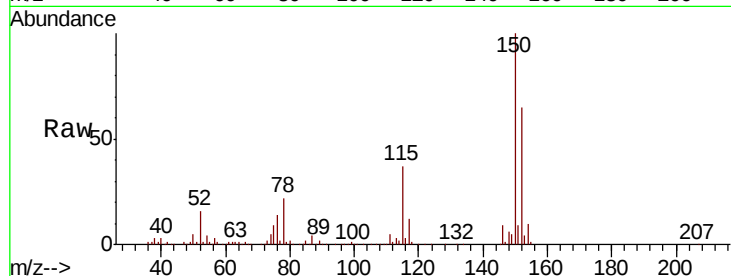


#1

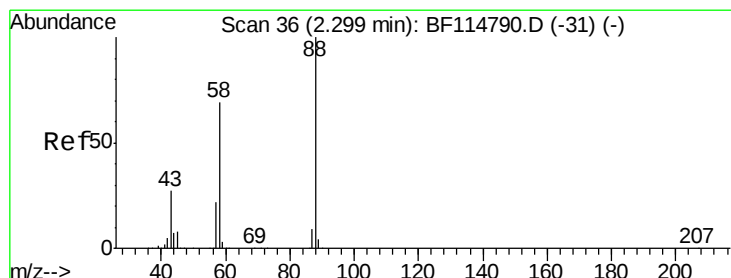
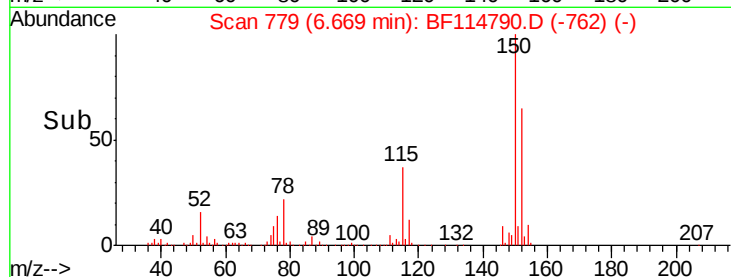
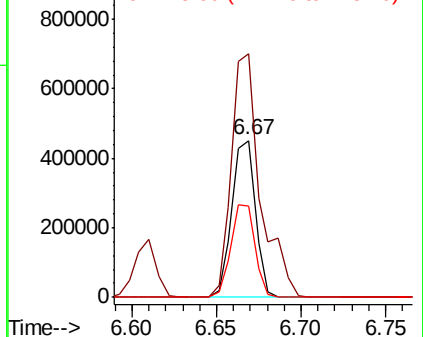
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.0	186.0
115	57.9	46.3	69.5



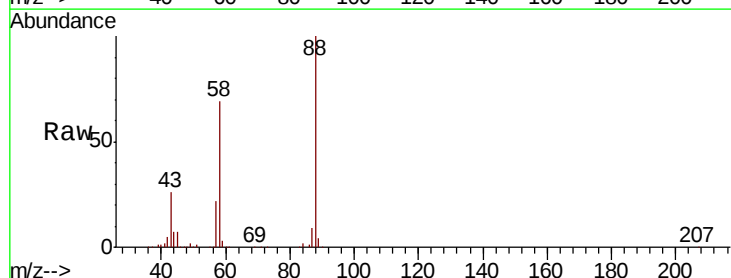
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



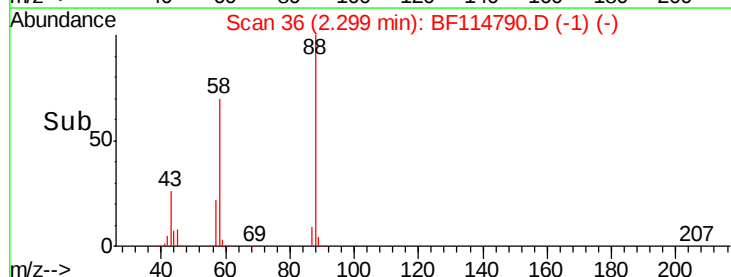
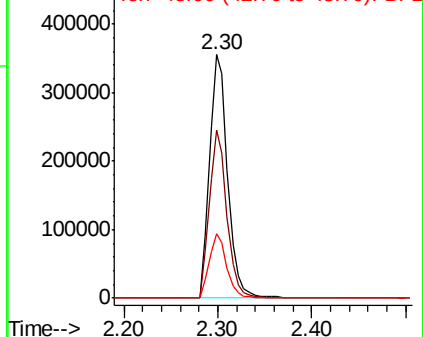
#2

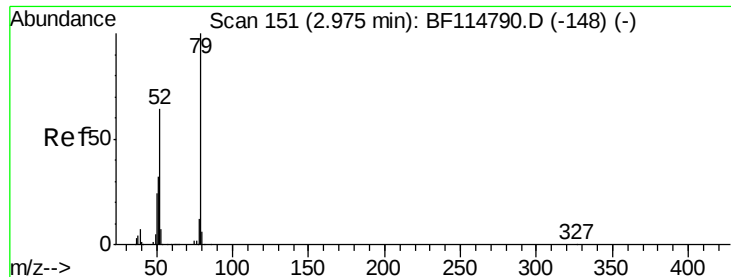
1,4-Dioxane
Concen: 42.643 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	53.8	80.8
43	25.9	20.7	31.1



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





#3

Pvridine

Concen: 42.087 ng

RT: 2.97 min Scan# 151

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

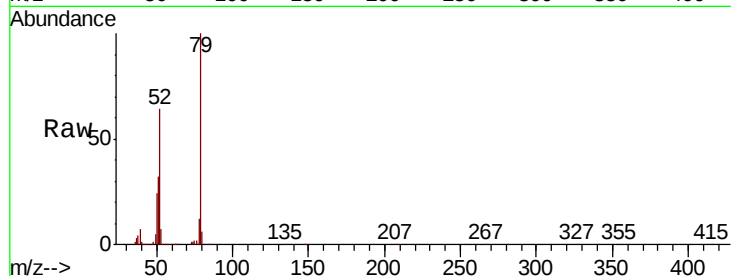
Tot Ion: 79 Resp: 1314634

Ion Ratio Lower Upper

79 100

52 63.7 51.0 76.4

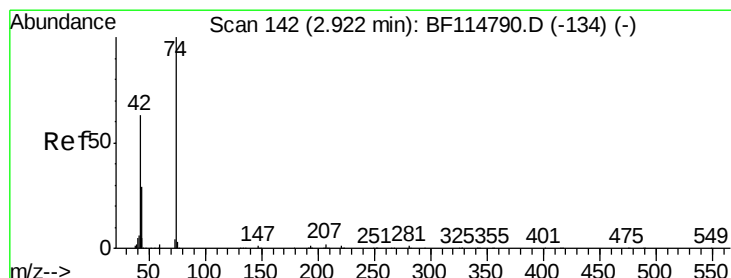
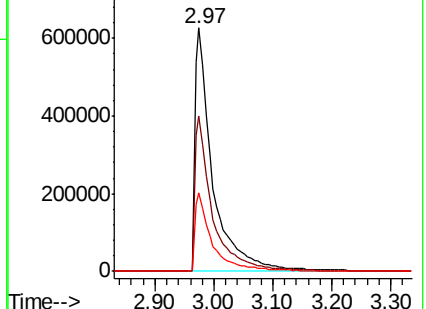
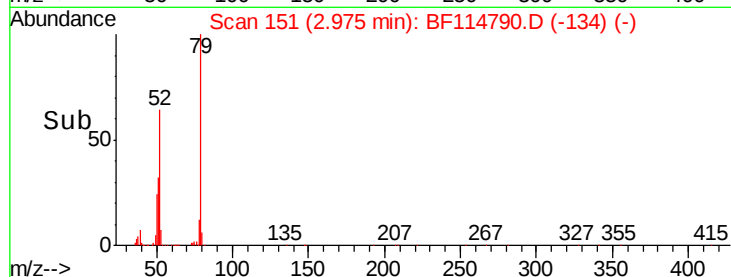
51 32.1 25.7 38.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.912 ng

RT: 2.92 min Scan# 142

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

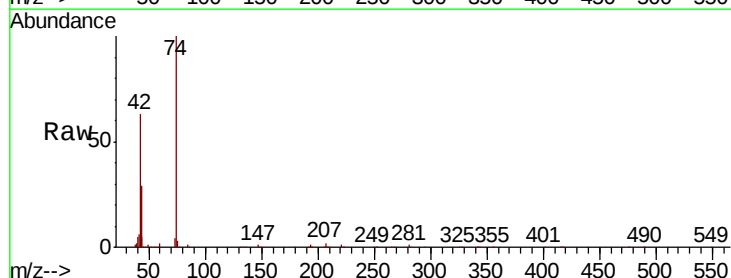
Tgt Ion: 42 Resp: 477392

Ion Ratio Lower Upper

42 100

74 157.7 126.2 189.2

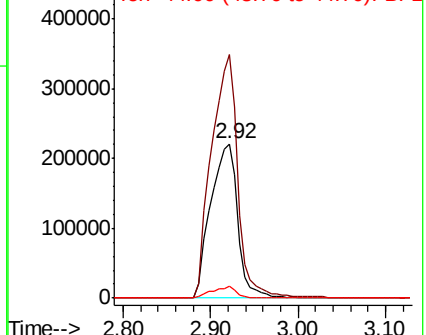
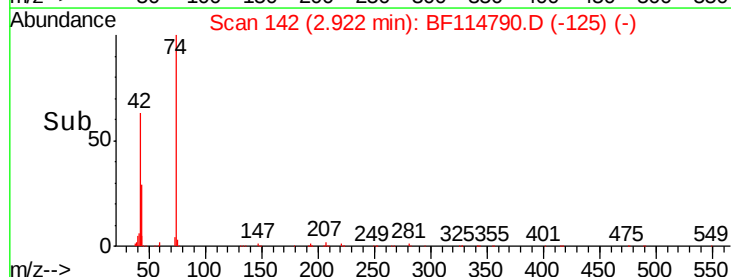
44 7.4 5.9 8.9

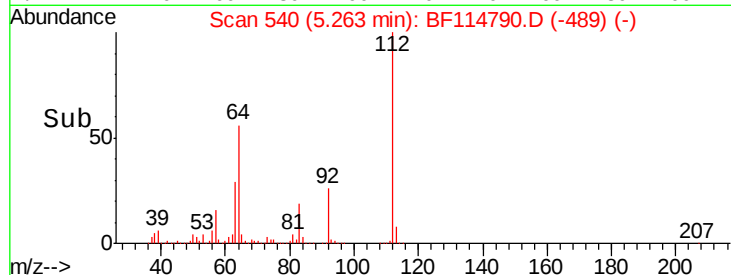
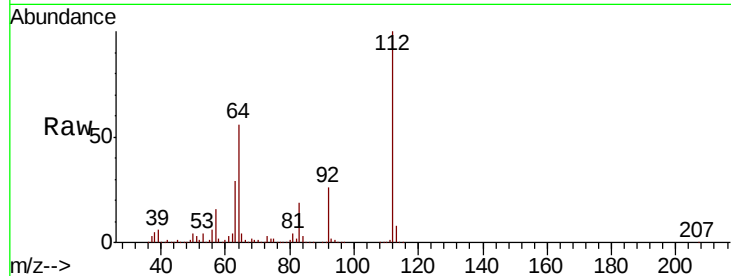
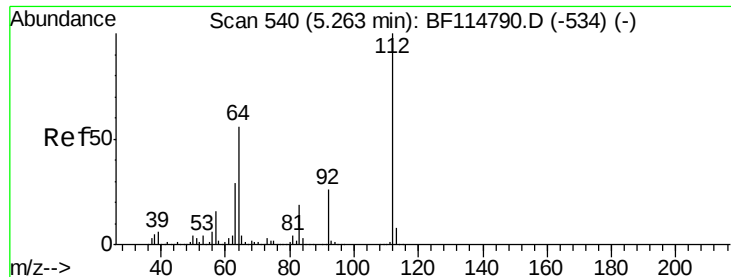


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 86.568 ng

RT: 5.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

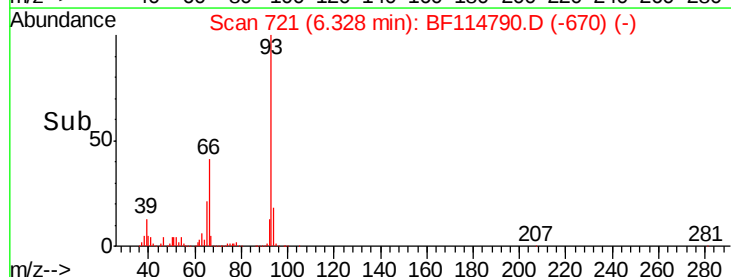
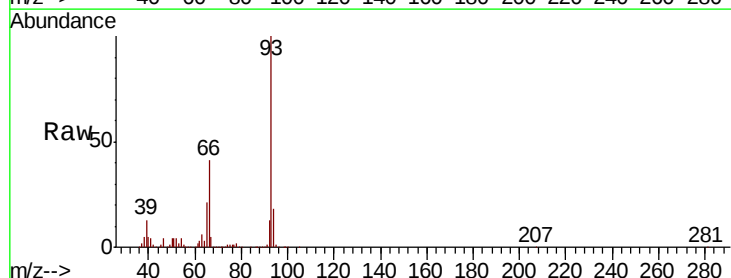
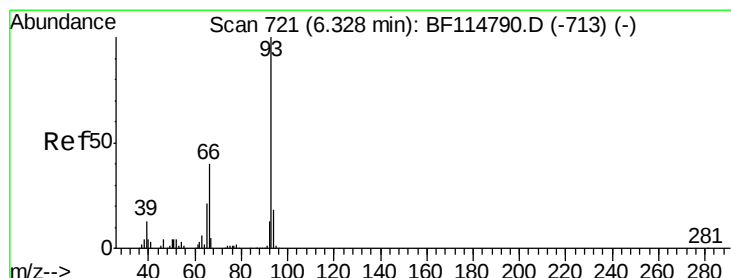
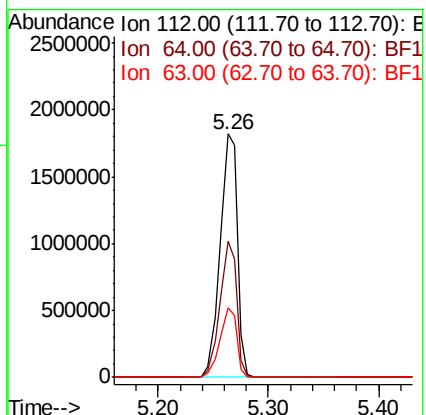
Tot Ion:112 Resp: 1997502

Ion Ratio Lower Upper

112 100

64 55.7 44.6 66.8

63 28.7 23.0 34.4



#6

Aniline

Concen: 42.392 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

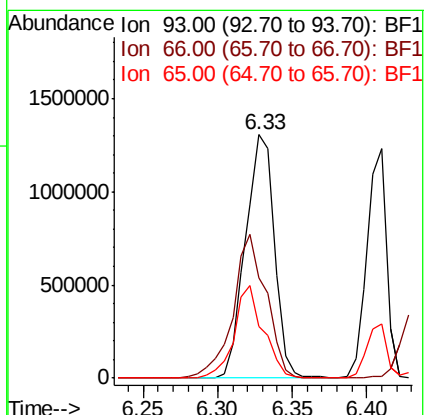
Tgt Ion: 93 Resp: 1760880

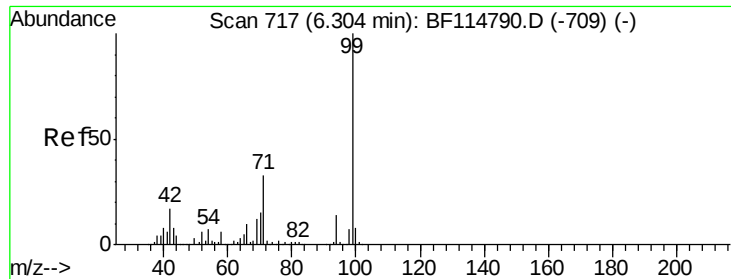
Ion Ratio Lower Upper

93 100

66 41.0 32.8 49.2

65 21.1 16.9 25.3





#7

Phenol-d6

Concen: 88.333 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

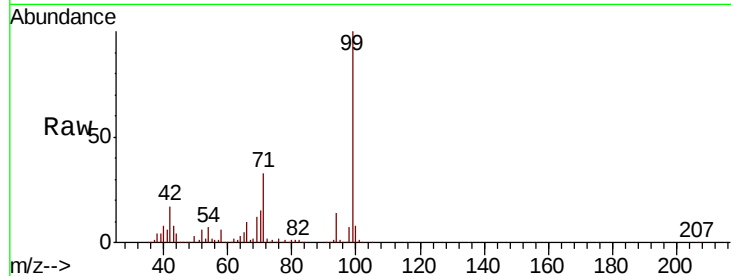
Tot Ion: 99 Resp: 2465951

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.3	19.9
71	32.9	26.3	39.5

99 100

42 16.6 13.3 19.9

71 32.9 26.3 39.5

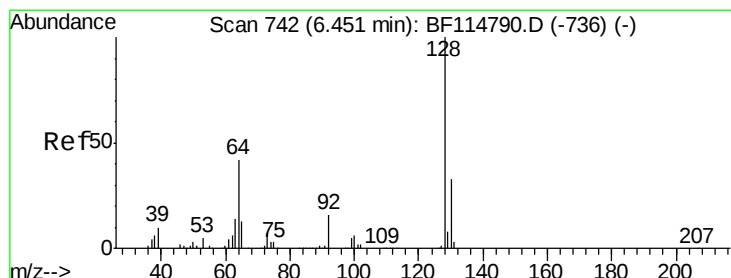
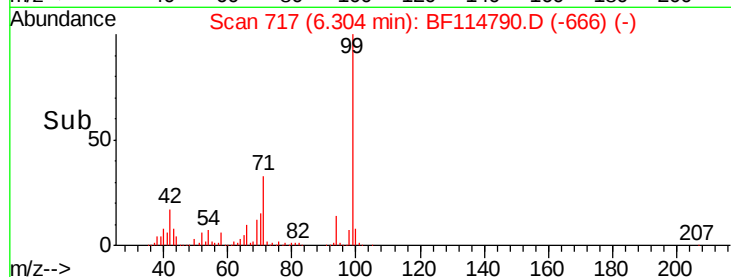
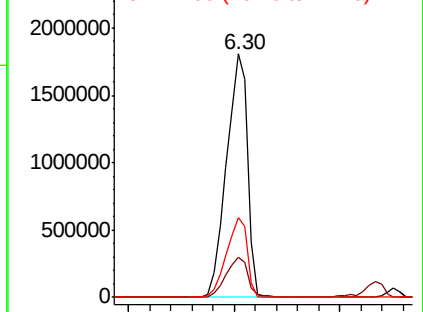


Abundance

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: 42.769 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

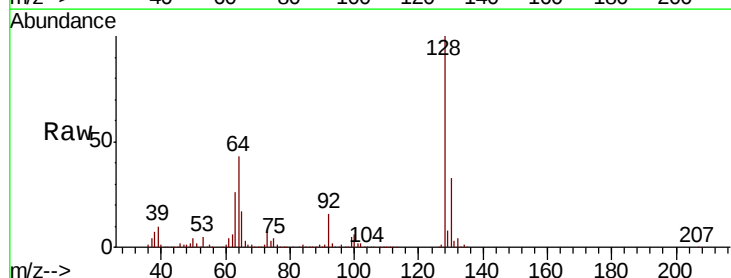
Tgt Ion: 128 Resp: 1190989

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	42.5	22.5	62.5

128 100

130 32.7 12.7 52.7

64 42.5 22.5 62.5

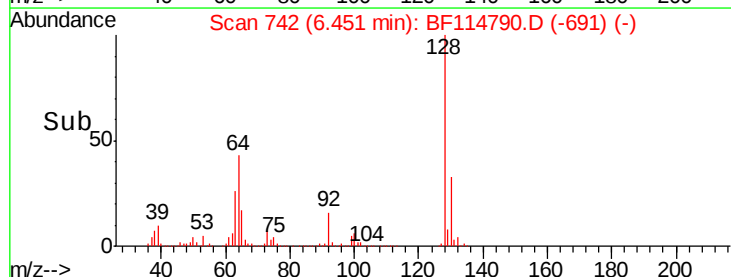
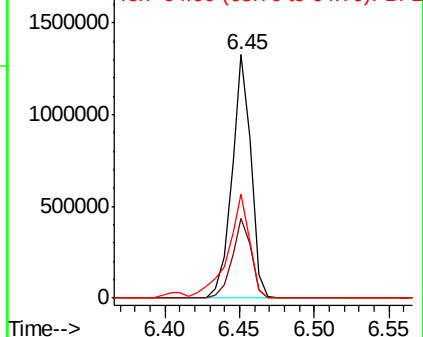


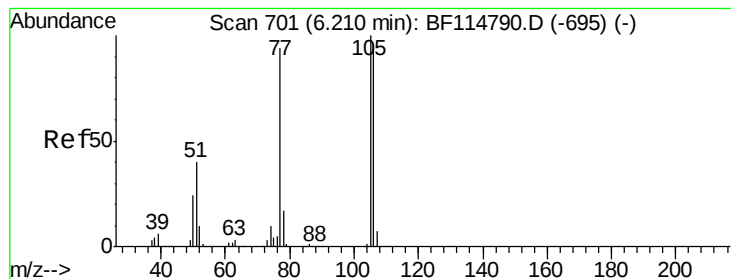
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 51.399 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampled :

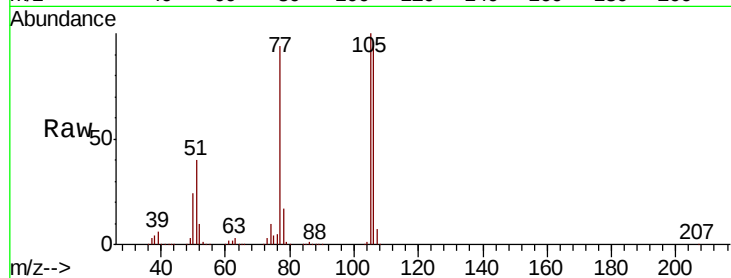
Tot Ion: 77 Resp: 860374

Ion Ratio Lower Upper

77 100

105 105.8 85.8 125.8

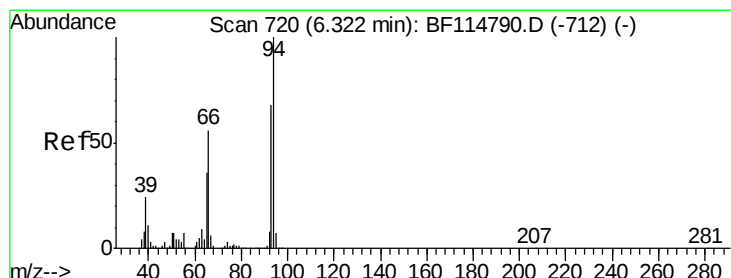
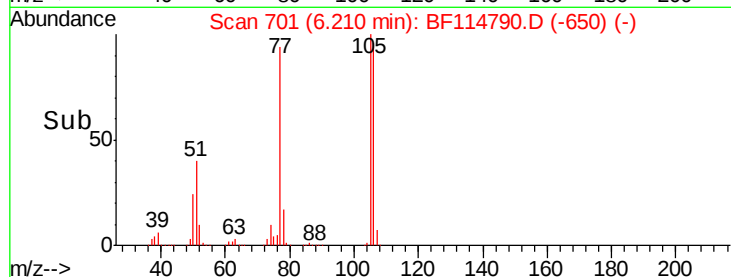
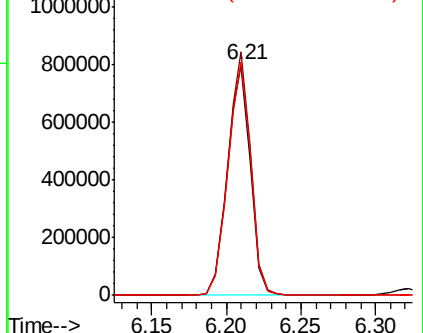
106 101.6 81.6 121.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.087 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

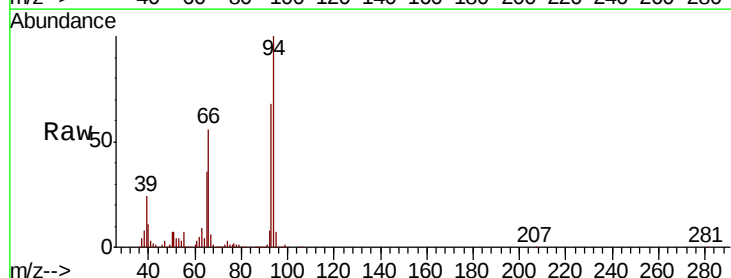
Tgt Ion: 94 Resp: 1394792

Ion Ratio Lower Upper

94 100

65 36.1 16.1 56.1

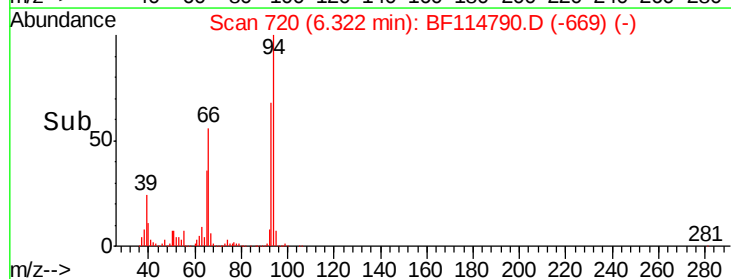
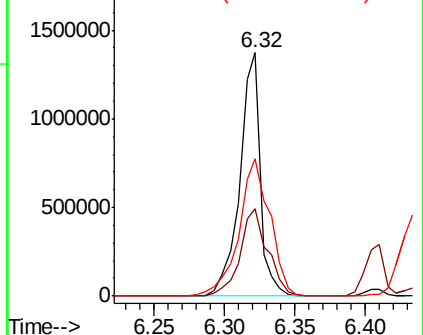
66 56.3 36.3 76.3

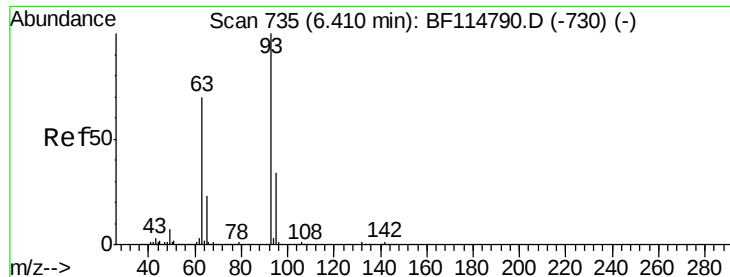


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



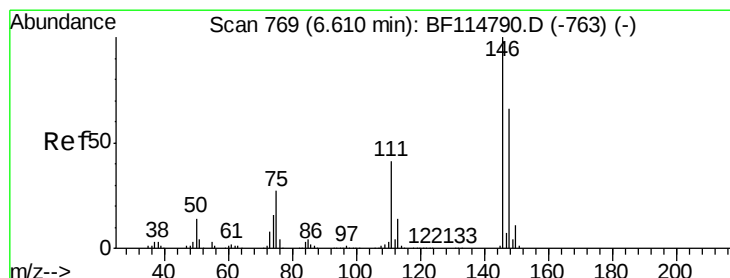
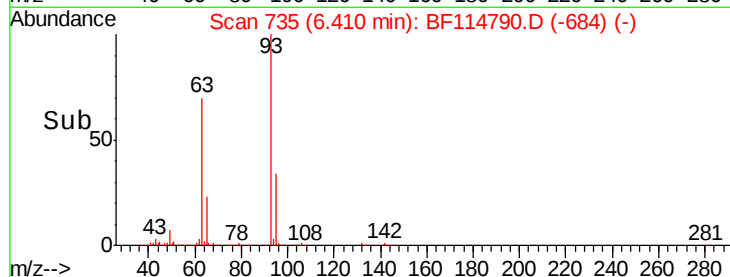
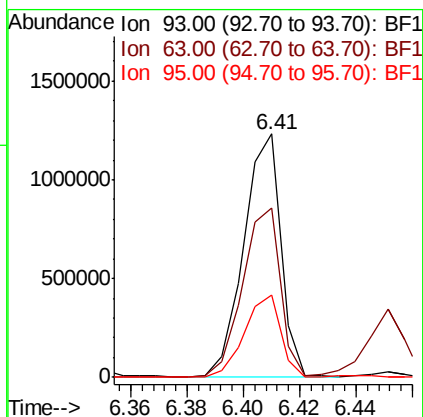
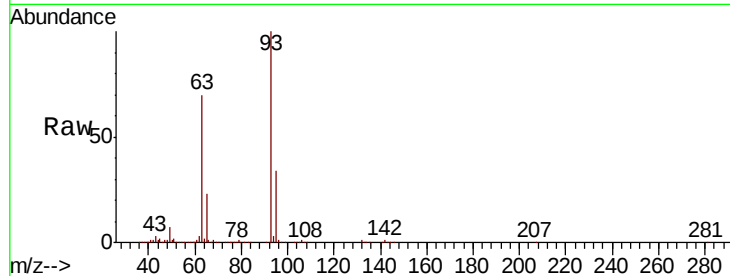


#11
bis(2-Chloroethyl)ether
Concen: 42.878 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 1119222

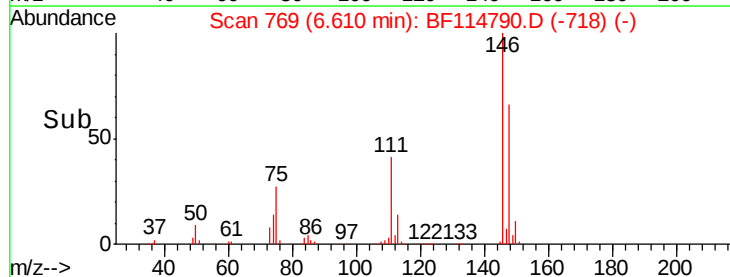
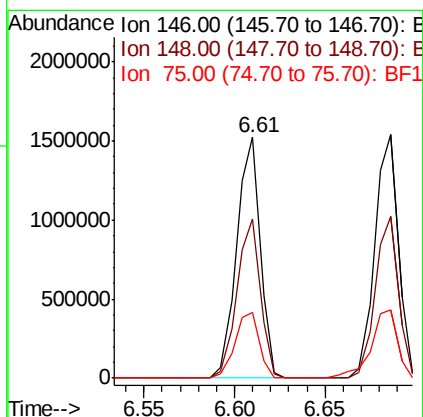
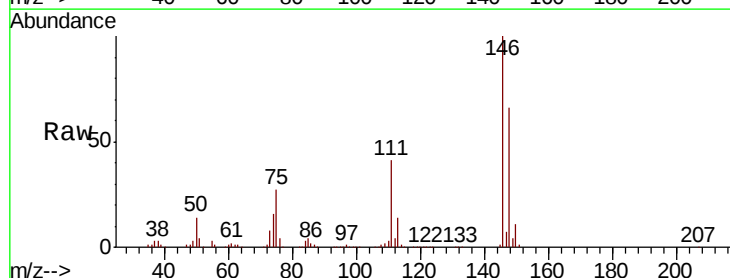
Ion	Ratio	Lower	Upper
93	100		
63	69.6	49.6	89.6
95	33.6	13.6	53.6

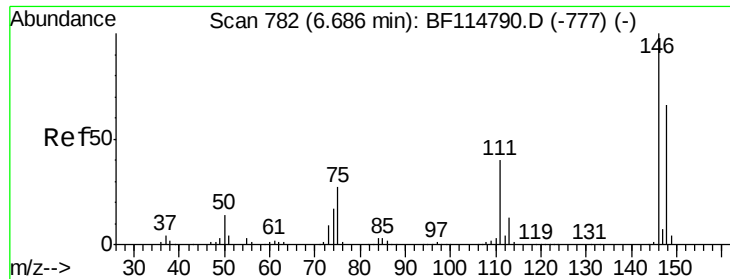


#12
1,3-Dichlorobenzene
Concen: 42.741 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion: 146 Resp: 1376343

Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.7	79.1
75	27.5	22.0	33.0

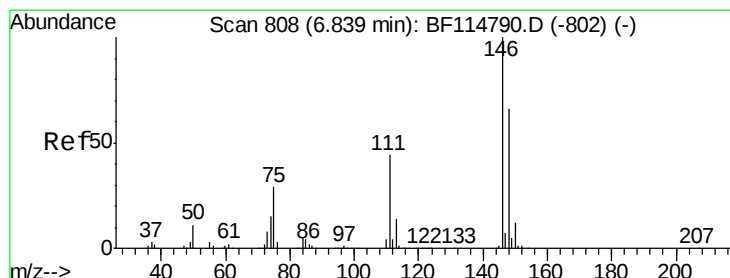
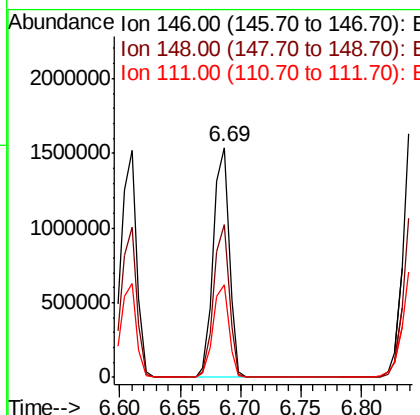
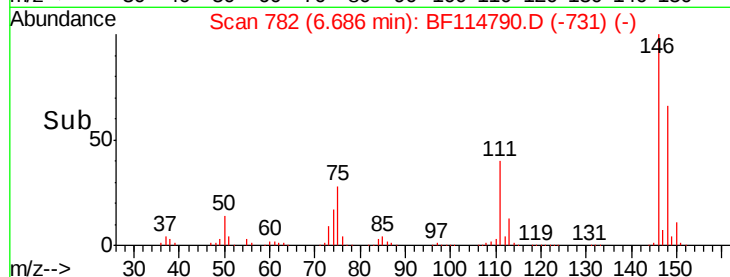
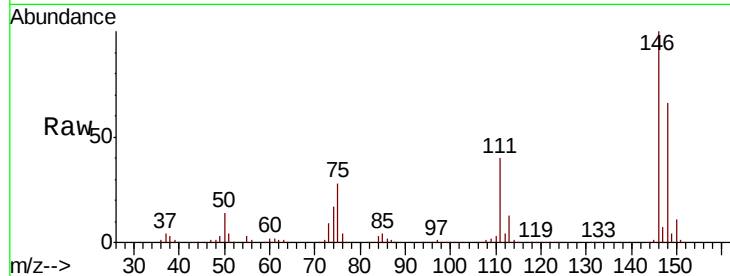




#13
 1,4-Dichlorobenzene
 Concen: 42.980 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

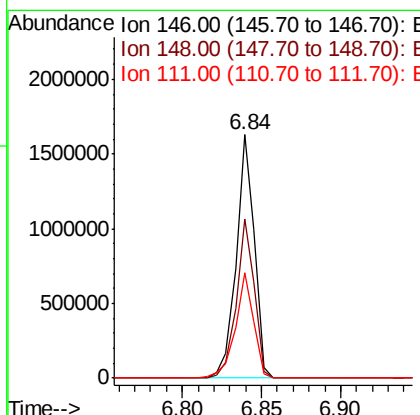
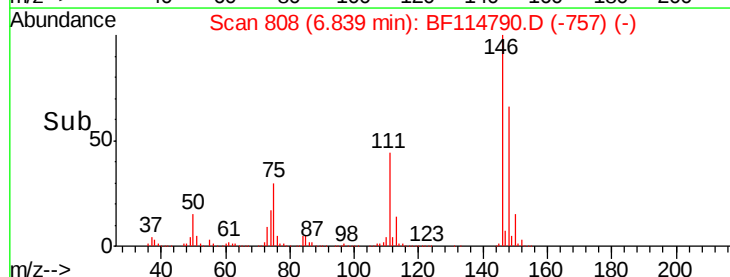
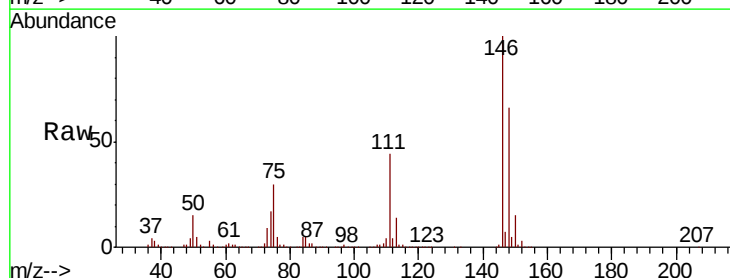
Instrument :
 BNA_F
 ClientSampleId :

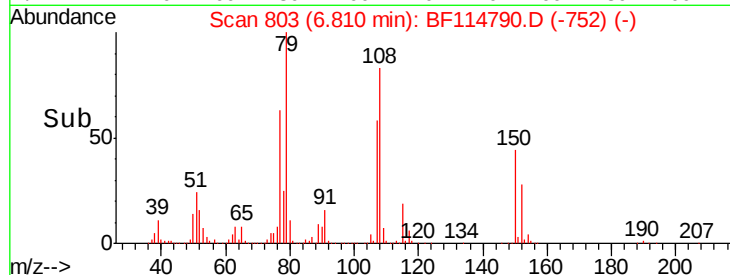
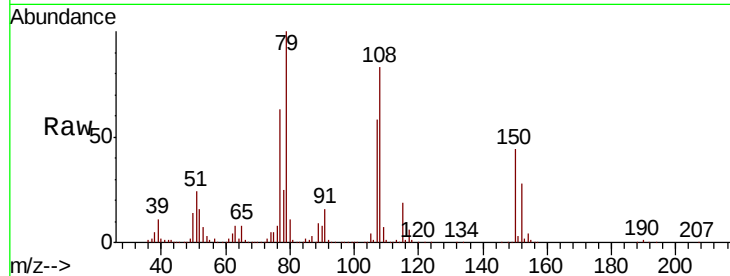
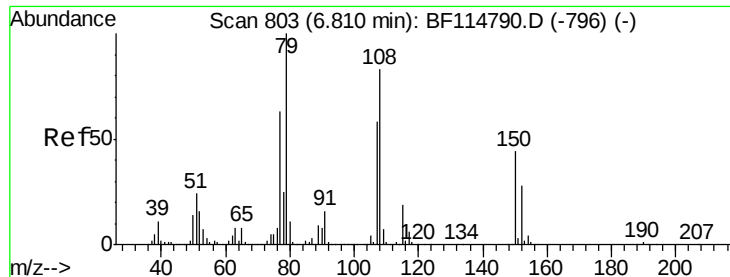
Tot Ion:146 Resp: 1394237
 Ion Ratio Lower Upper
 146 100
 148 66.2 53.0 79.4
 111 40.3 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 43.726 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Tgt Ion:146 Resp: 1280506
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.5 78.7
 111 43.5 34.8 52.2





#15

Benzyl Alcohol

Concen: 43.545 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

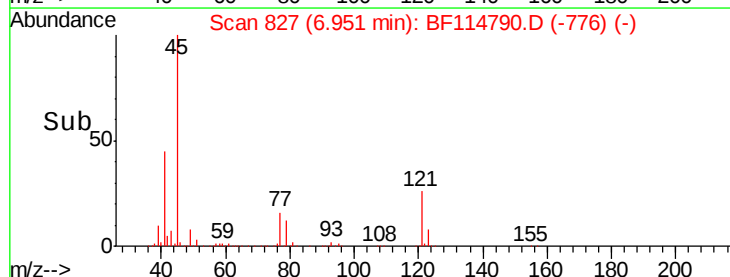
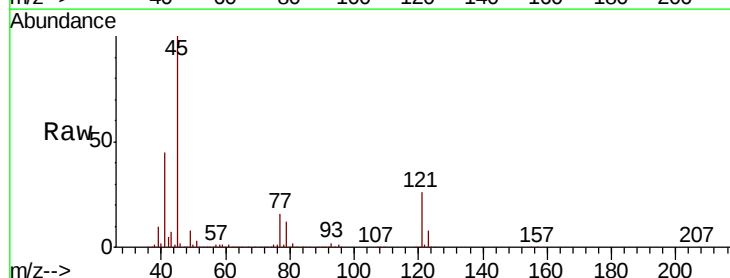
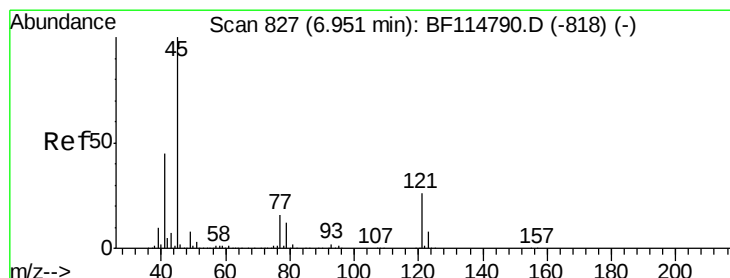
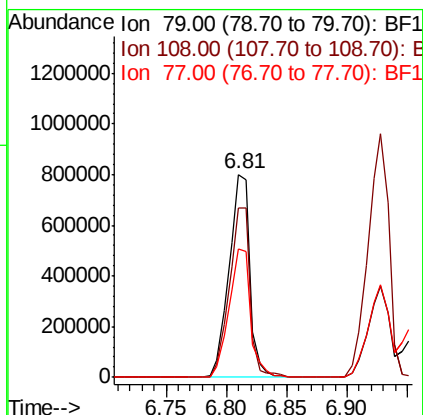
Tot Ion: 79 Resp: 961651

Ion Ratio Lower Upper

79 100

108 83.5 66.8 100.2

77 63.3 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.864 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

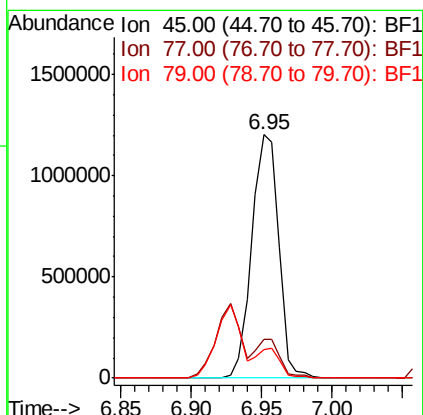
Tgt Ion: 45 Resp: 1616466

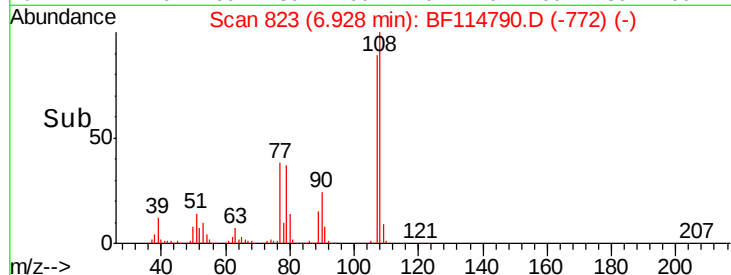
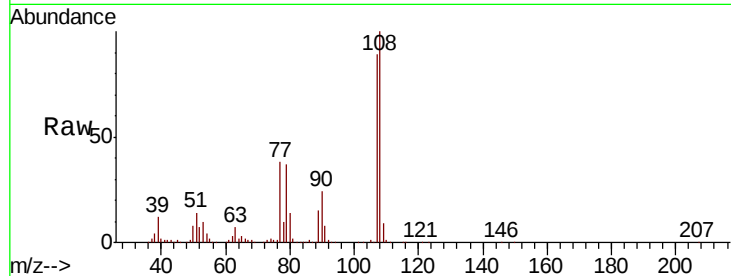
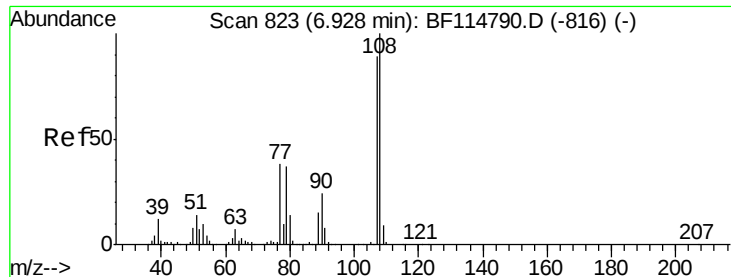
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.8

79 12.0 0.0 32.0

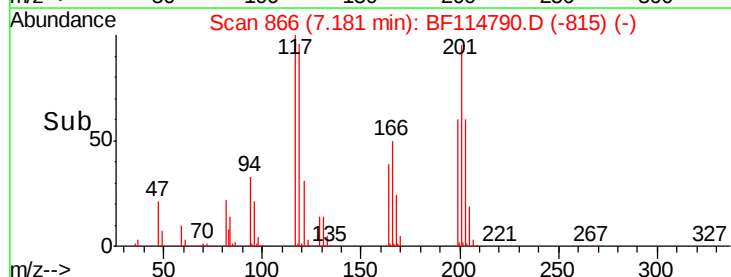
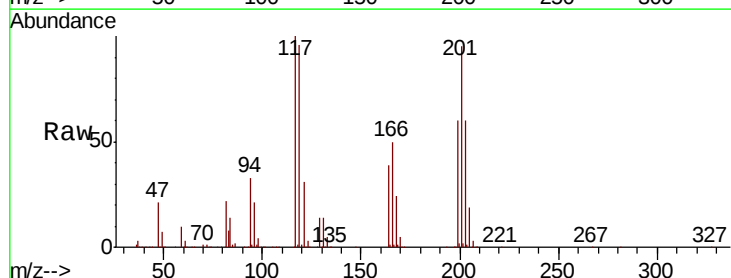
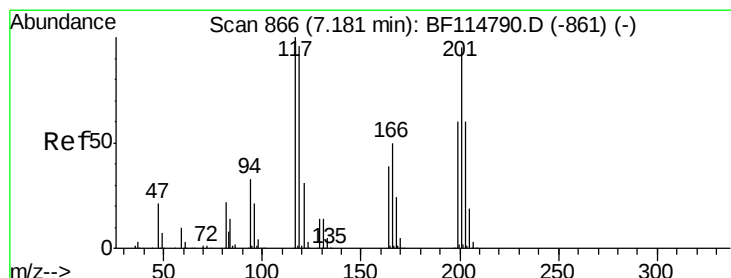
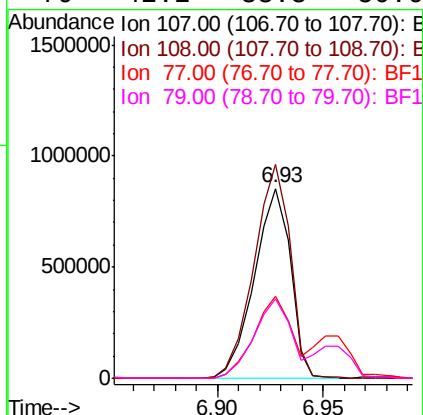




#17
2-Methylphenol
Concen: 42.683 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

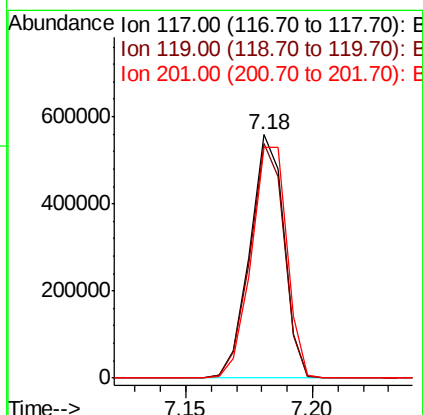
Instrument :
BNA_F
ClientSampled :

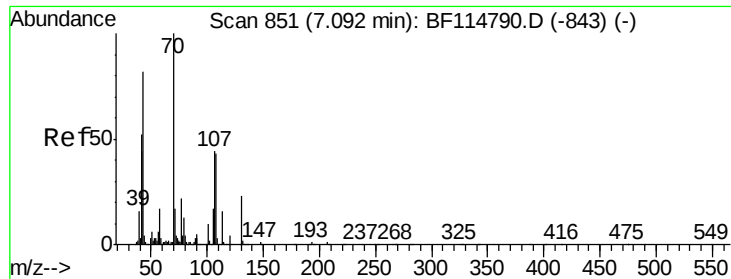
Tot Ion:107 Resp: 1011213
Ion Ratio Lower Upper
107 100
108 112.7 90.2 135.2
77 43.1 34.5 51.7
79 42.2 33.8 50.6



#18
Hexachloroethane
Concen: 42.950 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:117 Resp: 524729
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.4
201 95.0 76.0 114.0

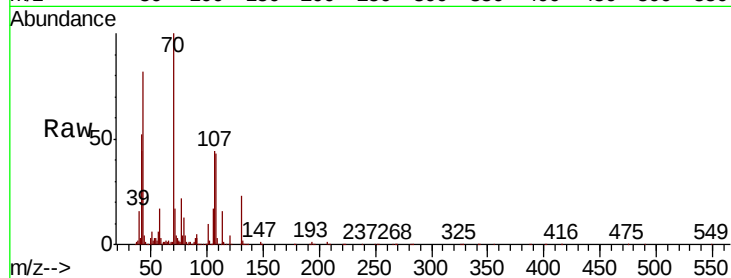




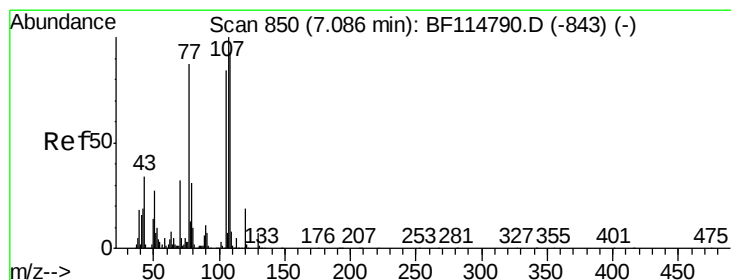
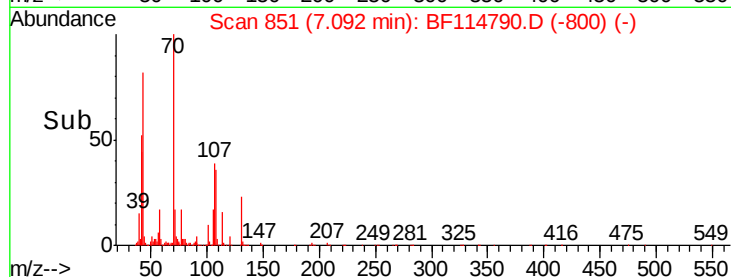
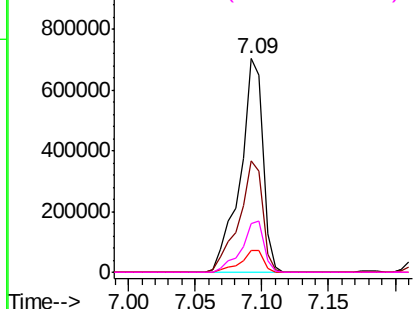
#19
n-Nitroso-di-n-propylamine
Concen: 42.673 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	826988
Ion	Ratio	Lower	Upper
70	100		
42	52.3	41.8	62.8
101	10.3	8.2	12.4
130	23.1	18.5	27.7

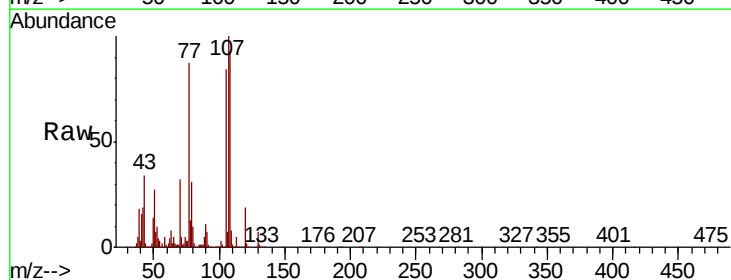


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

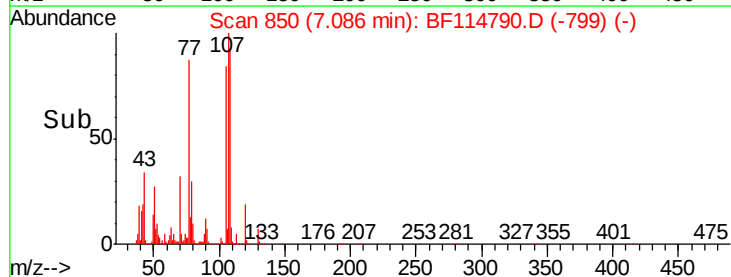
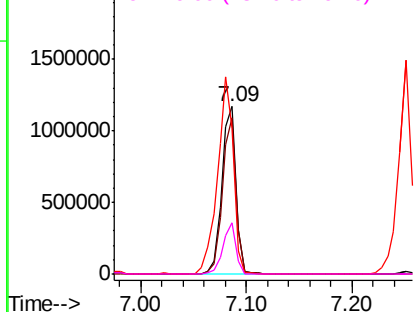


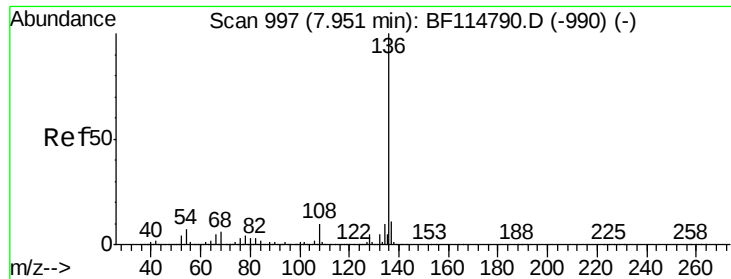
#20
3+4-Methylphenols
Concen: 42.155 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:	107	Resp:	1104227
Ion	Ratio	Lower	Upper
107	100		
108	93.5	73.5	113.5
77	87.2	67.2	107.2
79	30.6	10.6	50.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1768688

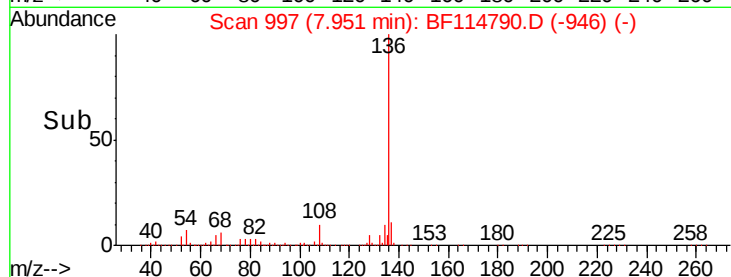
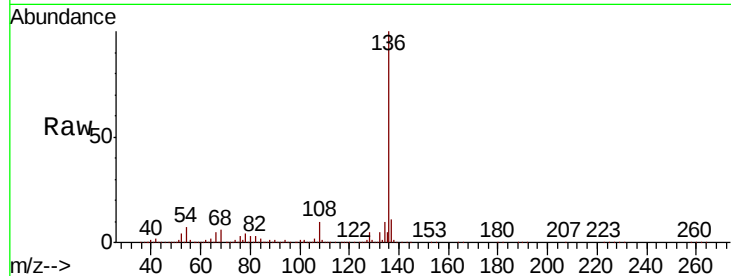
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.7	5.4	8.0
68	5.7	4.6	6.8

136 100

137 11.4 9.1 13.7

54 6.7 5.4 8.0

68 5.7 4.6 6.8

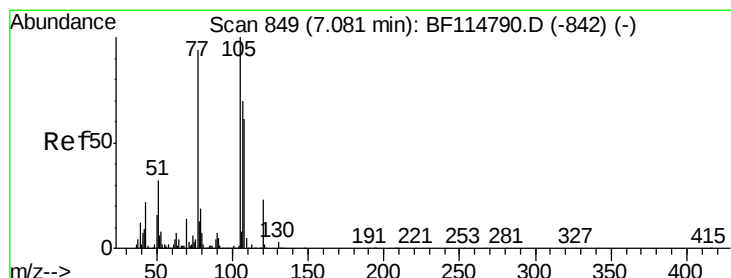
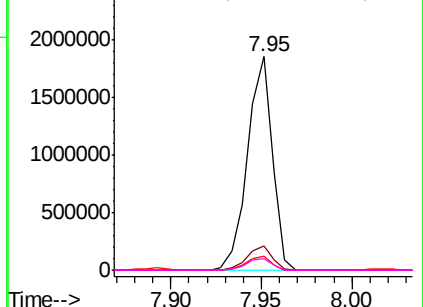


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.853 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Tgt Ion:105 Resp: 1567968

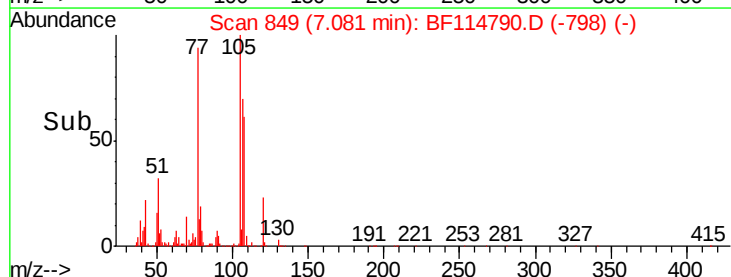
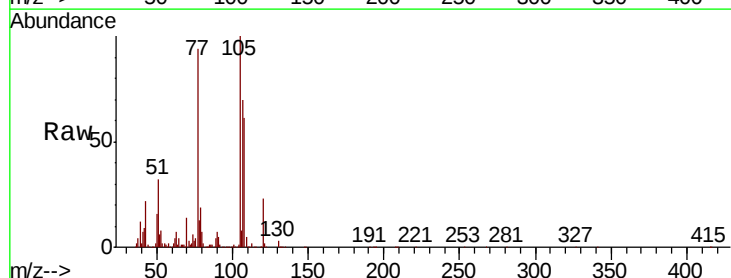
Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	31.7	25.4	38.0
120	23.4	18.7	28.1

105 100

71 2.5 2.0 3.0

51 31.7 25.4 38.0

120 23.4 18.7 28.1

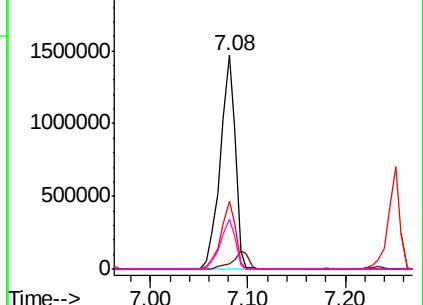


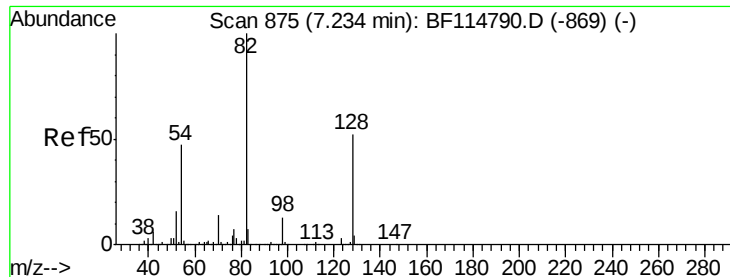
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



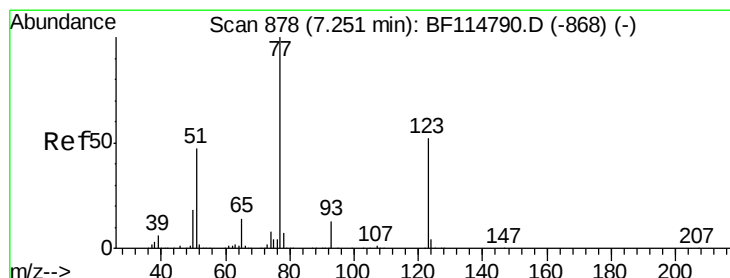
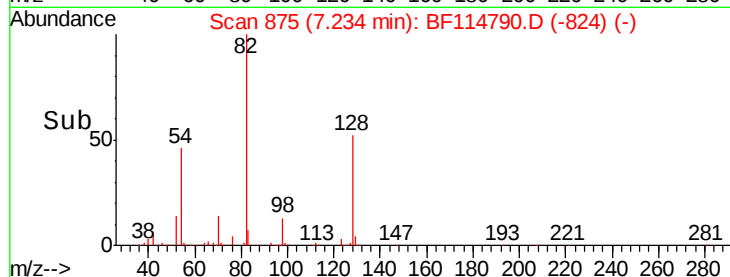
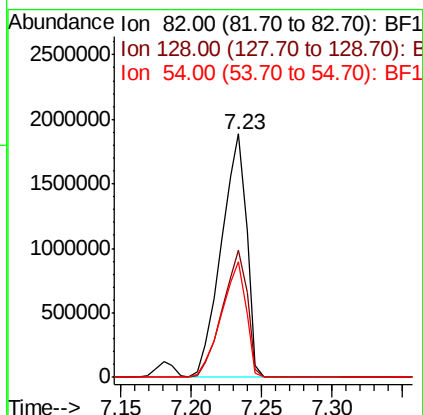
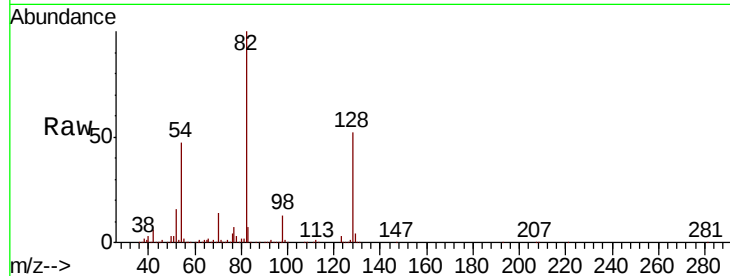


#23
 Nitrobenzene-d5
 Concen: 84.822 ng
 RT: 7.23 min Scan# 875
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2350462

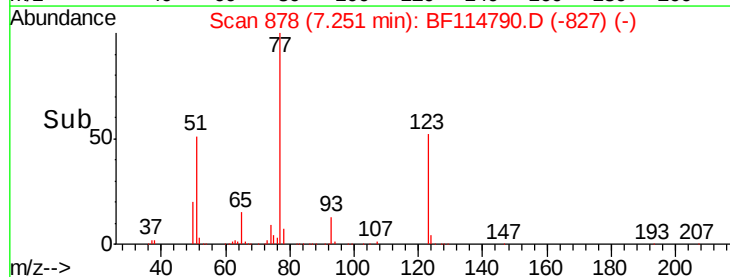
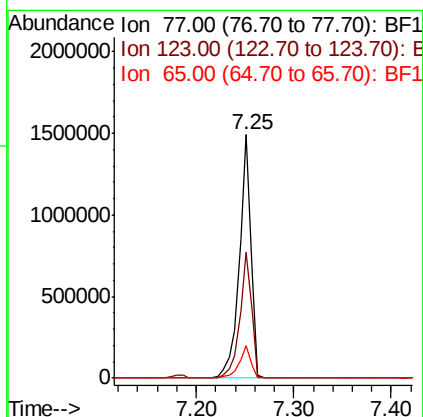
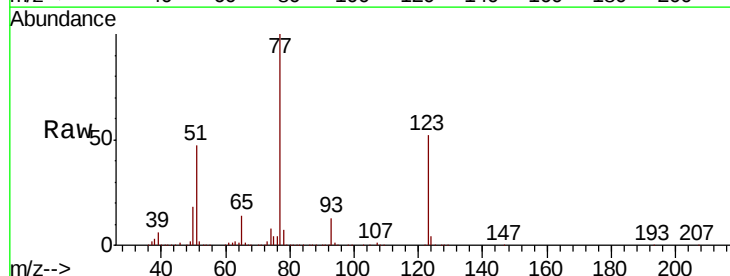
Ion	Ratio	Lower	Upper
82	100		
128	52.2	41.8	62.6
54	47.4	37.9	56.9

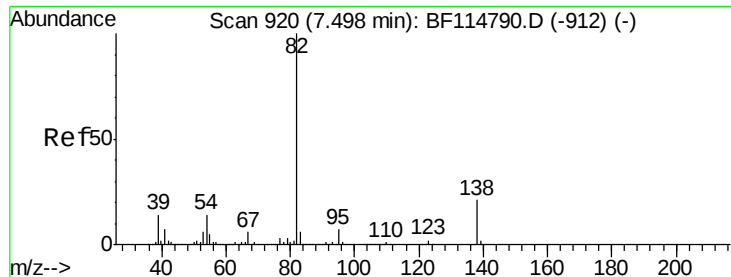


#24
 Nitrobenzene
 Concen: 42.573 ng
 RT: 7.25 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Tgt Ion: 77 Resp: 1224446

Ion	Ratio	Lower	Upper
77	100		
123	51.9	41.5	62.3
65	13.5	10.8	16.2





#25

Isophorone

Concen: 41.747 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

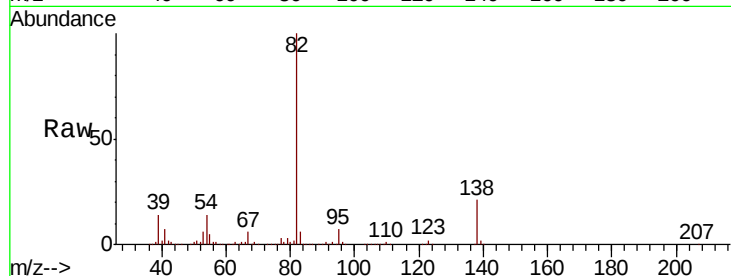
Tot Ion: 82 Resp: 2306725

Ion Ratio Lower Upper

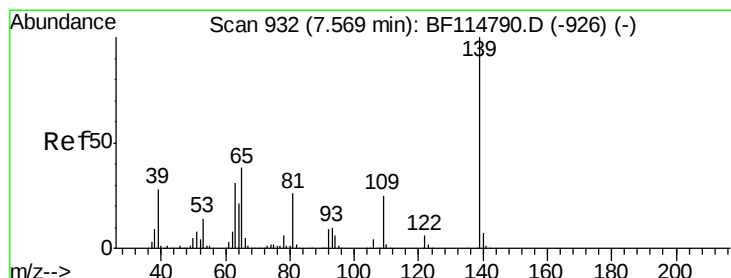
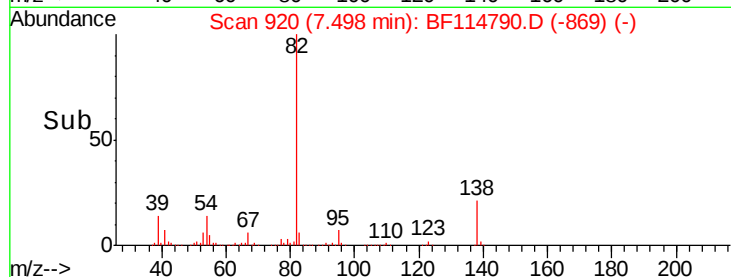
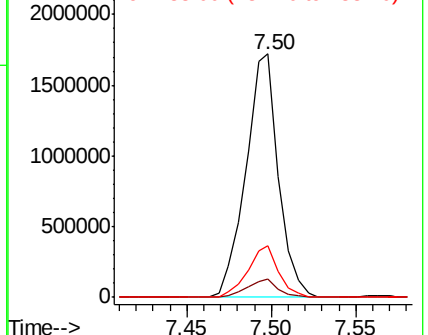
82 100

95 7.3 5.8 8.8

138 21.1 16.9 25.3



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



#26

2-Nitrophenol

Concen: 43.120 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

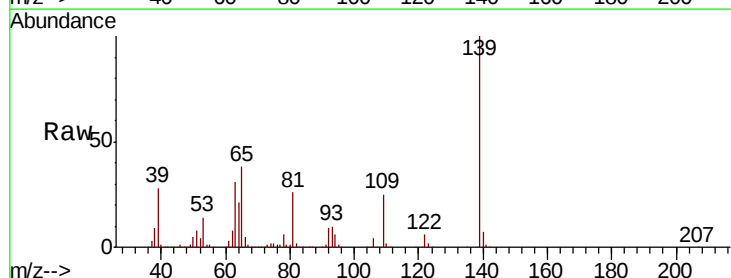
Tgt Ion: 139 Resp: 671126

Ion Ratio Lower Upper

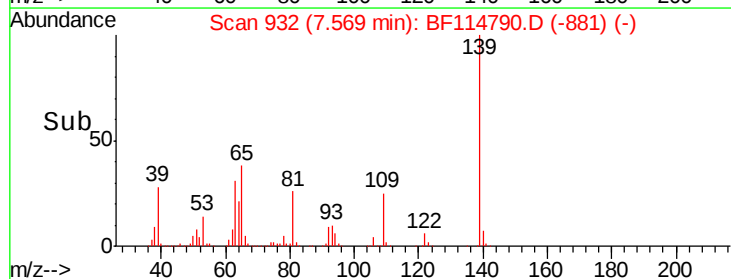
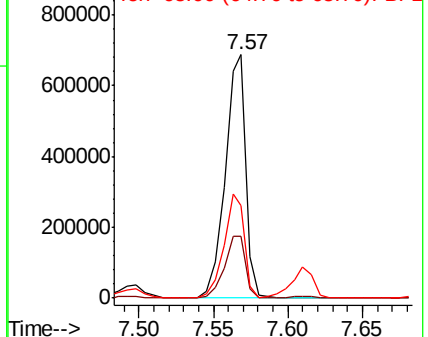
139 100

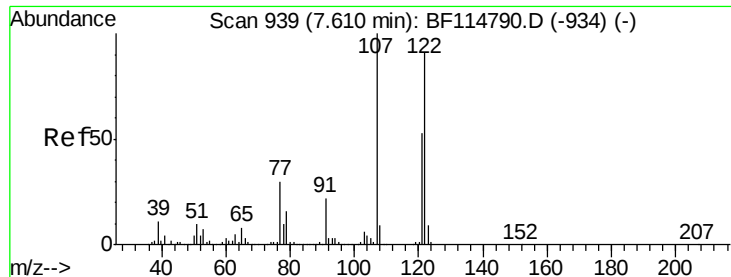
109 25.5 20.4 30.6

65 38.1 30.5 45.7



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

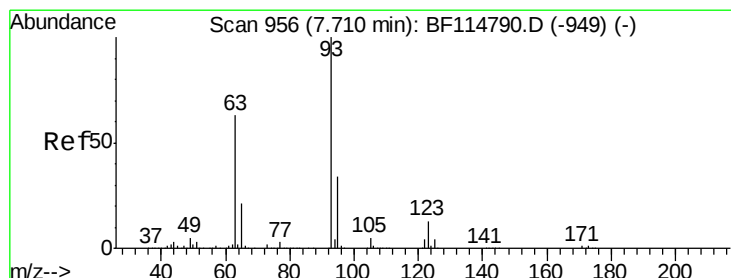
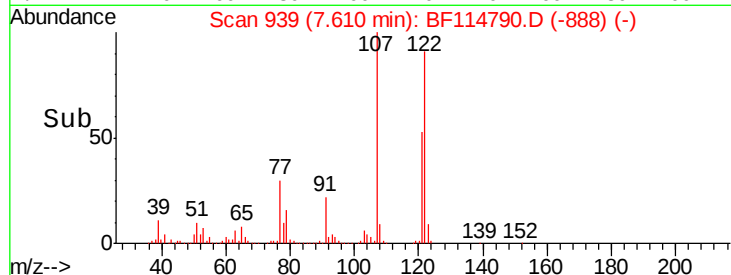
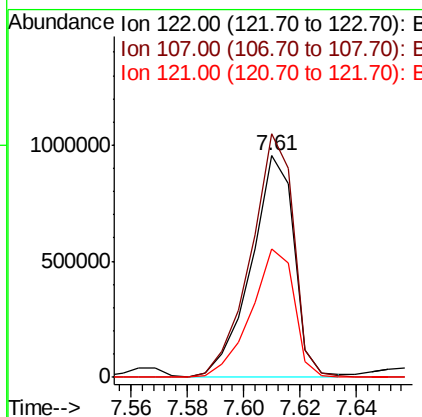
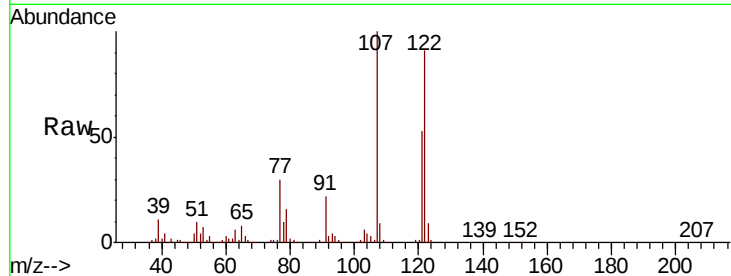




#27
 2,4-Dimethylphenol
 Concen: 42.246 ng
 RT: 7.61 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

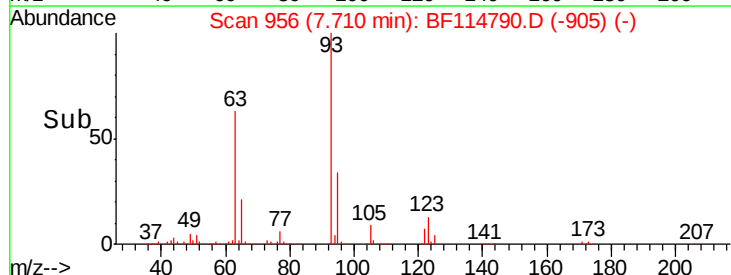
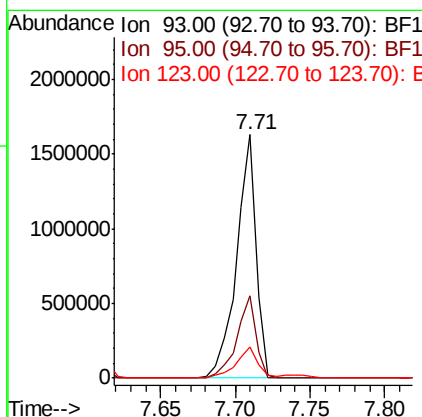
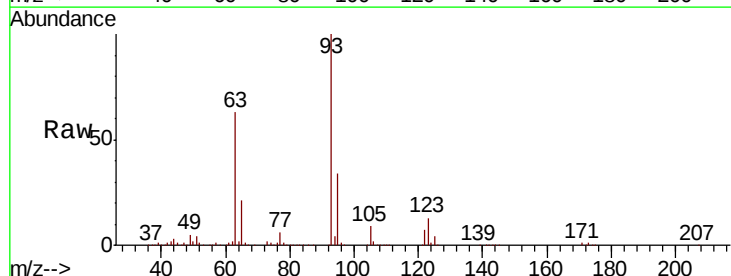
Instrument :
 BNA_F
 ClientSampled :

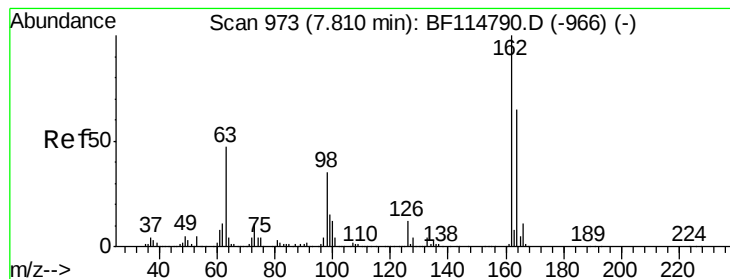
Tot Ion:122 Resp: 1007393
 Ion Ratio Lower Upper
 122 100
 107 109.9 87.9 131.9
 121 58.0 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.099 ng
 RT: 7.71 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Tgt Ion: 93 Resp: 1493784
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.9 40.3
 123 13.0 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 42.490 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

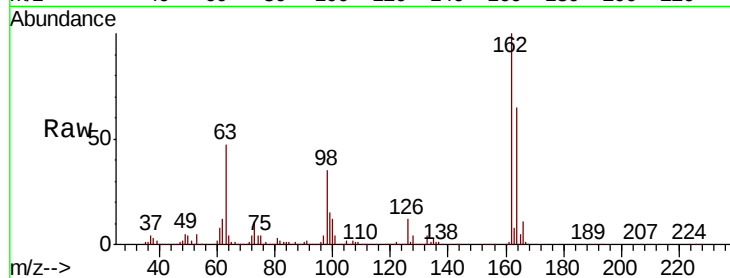
Tot Ion:162 Resp: 1067724

Ion Ratio Lower Upper

162 100

164 65.1 45.1 85.1

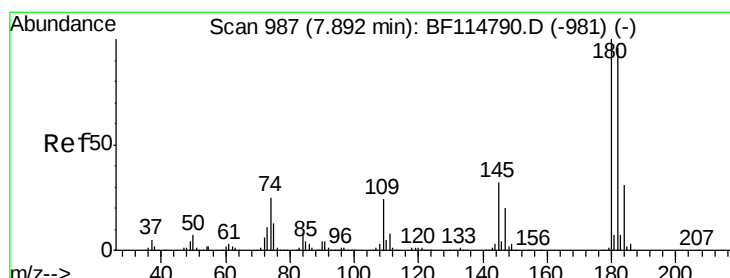
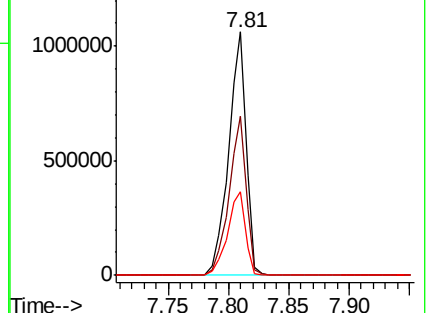
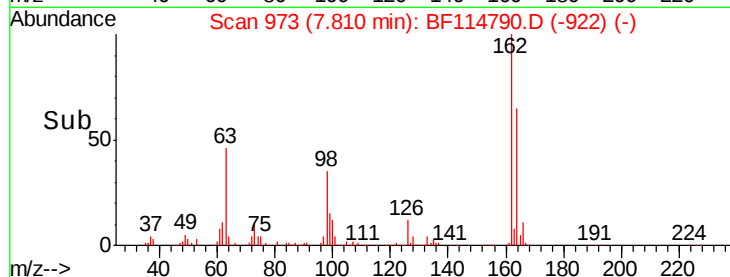
98 34.6 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 42.664 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

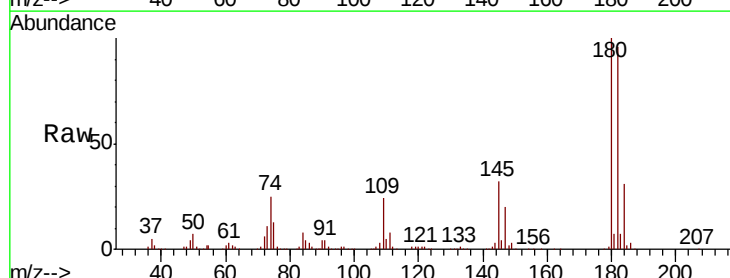
Tgt Ion:180 Resp: 1225668

Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

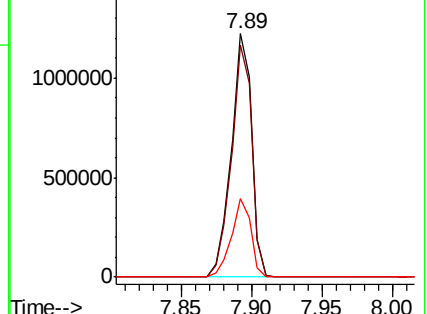
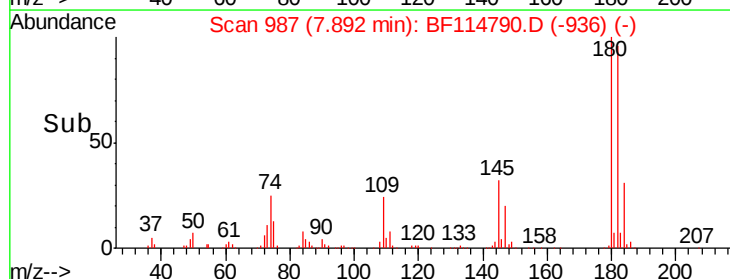
145 32.3 25.8 38.8

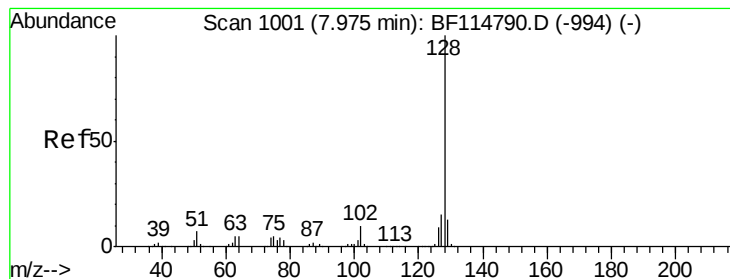


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.191 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

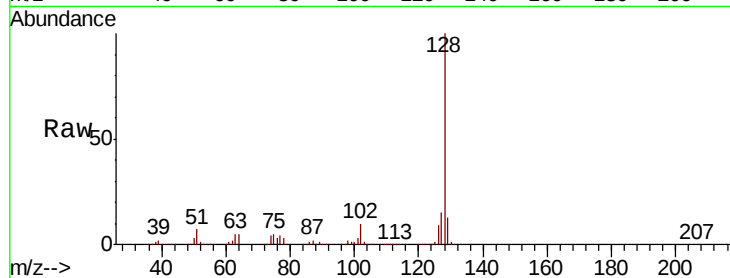
Tot Ion:128 Resp: 3244121

Ion Ratio Lower Upper

128 100

129 12.5 10.0 15.0

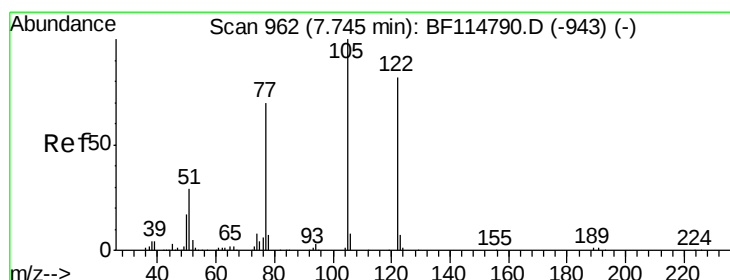
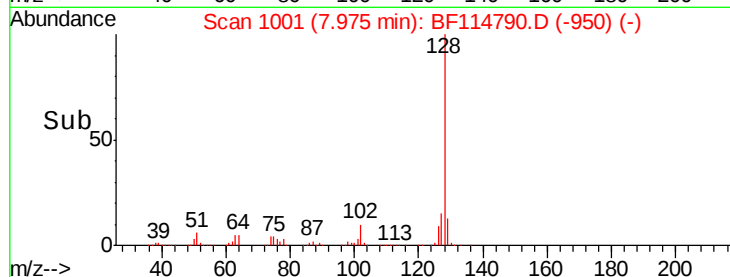
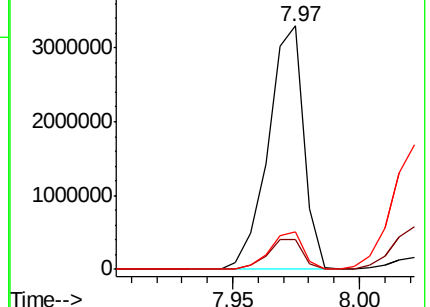
127 15.2 12.2 18.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.227 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

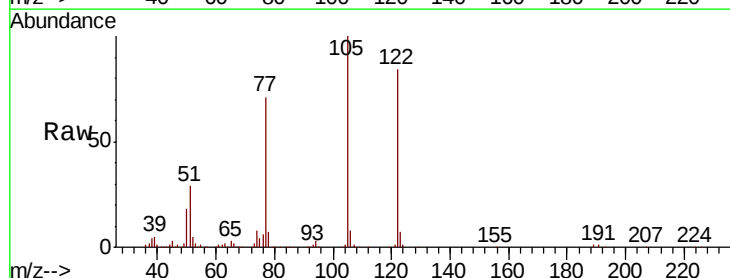
Tgt Ion:122 Resp: 802571

Ion Ratio Lower Upper

122 100

105 118.7 98.7 138.7

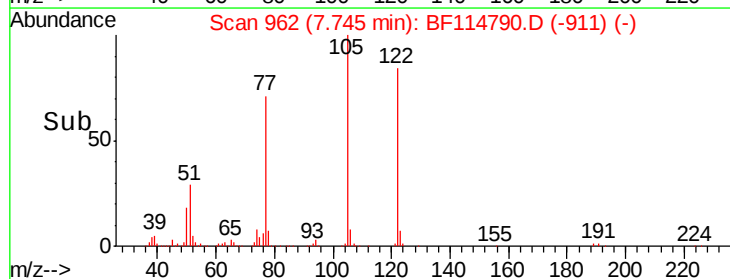
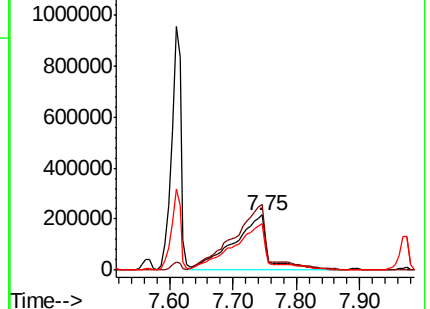
77 84.8 64.8 104.8

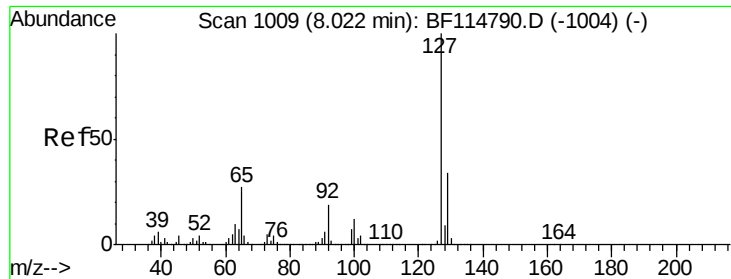


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

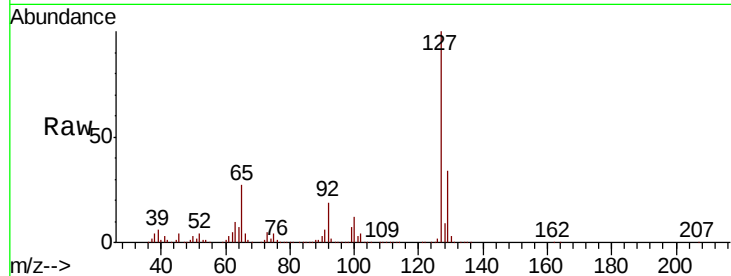




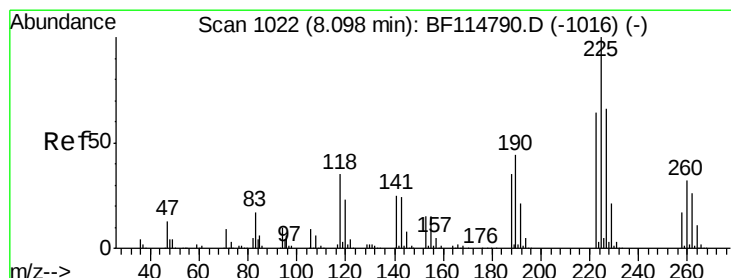
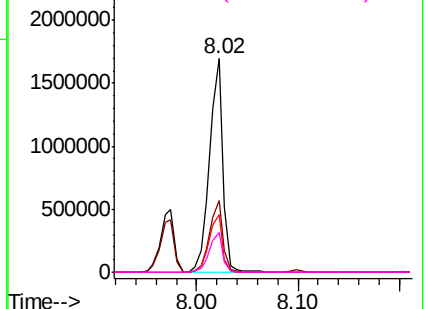
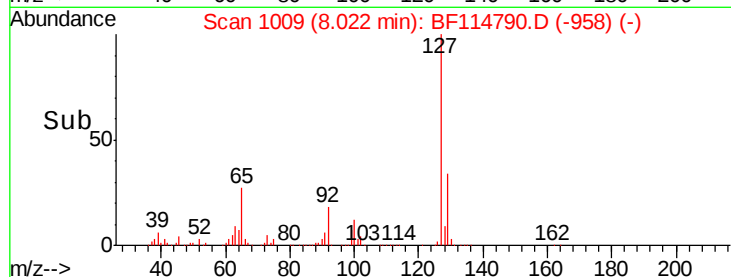
#33
4-Chloroaniline
Concen: 41.681 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:127 Resp: 1556700
Ion Ratio Lower Upper
127 100
129 33.6 26.9 40.3
65 27.1 21.7 32.5
92 18.5 14.8 22.2

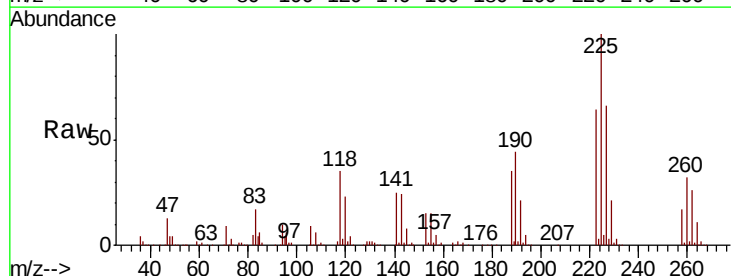


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

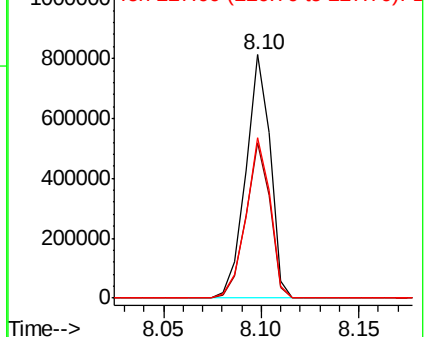
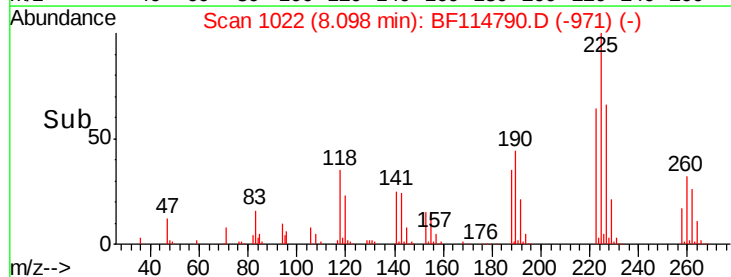


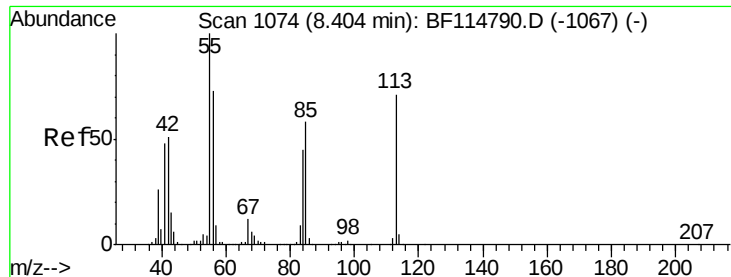
#34
Hexachlorobutadiene
Concen: 43.062 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:225 Resp: 704293
Ion Ratio Lower Upper
225 100
223 63.8 51.0 76.6
227 65.7 52.6 78.8



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

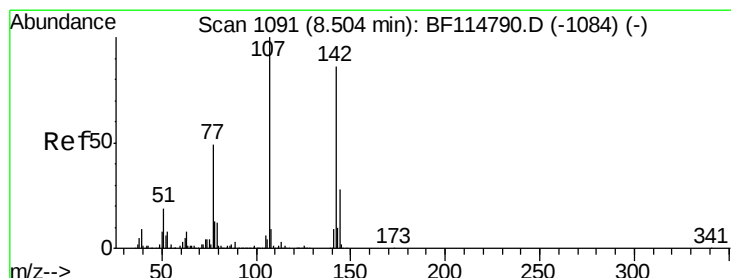
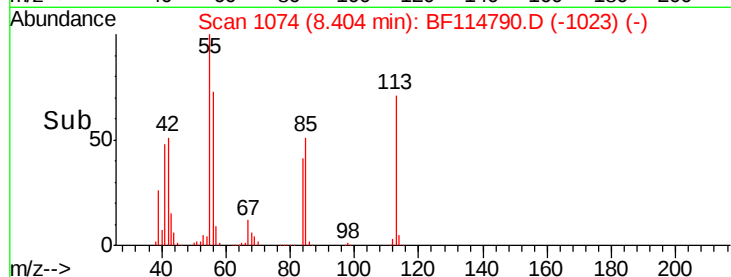
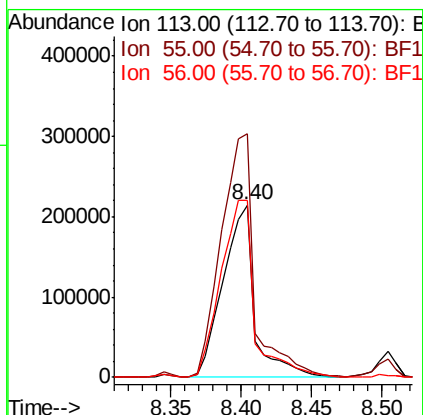
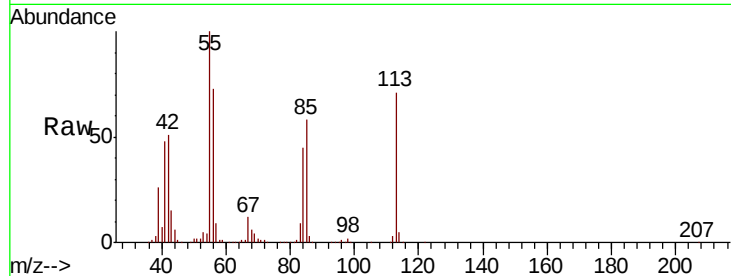




#35
 Caprolactam
 Concen: 41.335 ng
 RT: 8.40 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

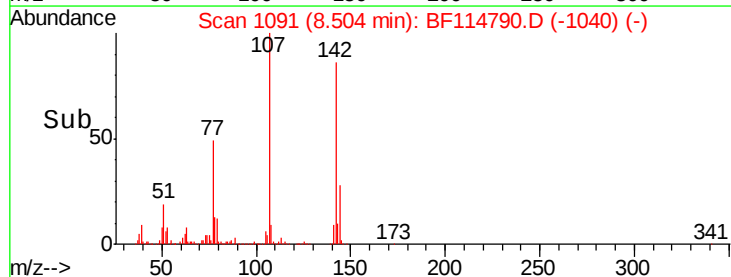
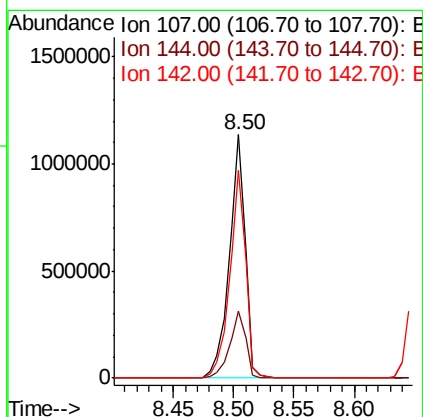
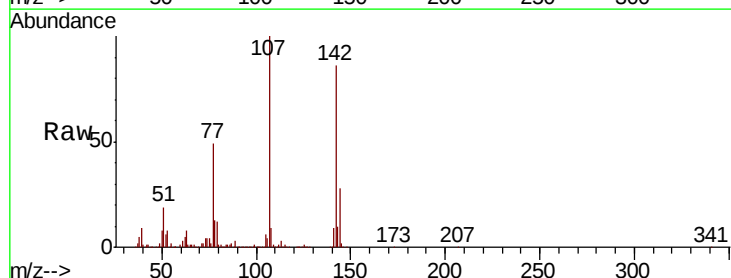
Instrument :
 BNA_F
 ClientSampleId :

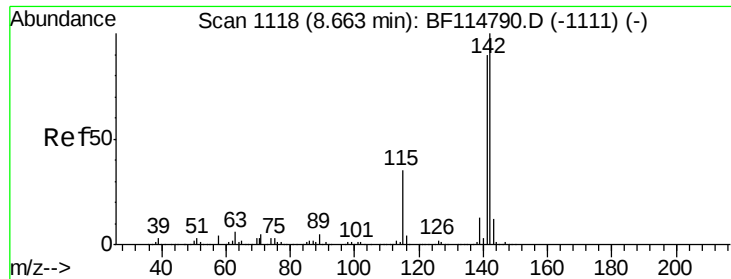
Tot Ion:113 Resp: 334133
 Ion Ratio Lower Upper
 113 100
 55 141.1 121.1 161.1
 56 102.6 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.801 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Tgt Ion:107 Resp: 1037457
 Ion Ratio Lower Upper
 107 100
 144 27.6 22.1 33.1
 142 85.5 68.4 102.6

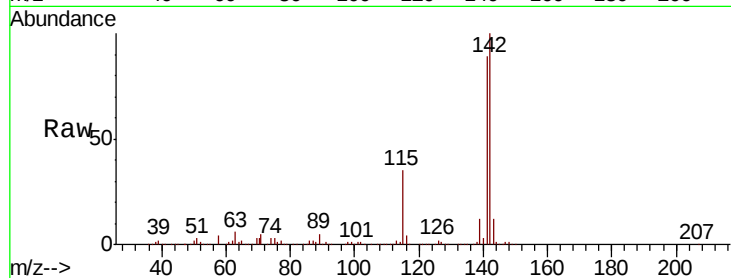




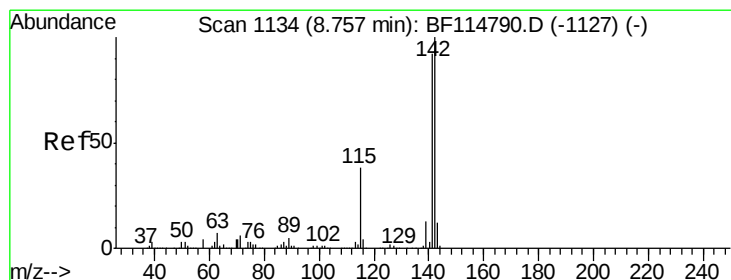
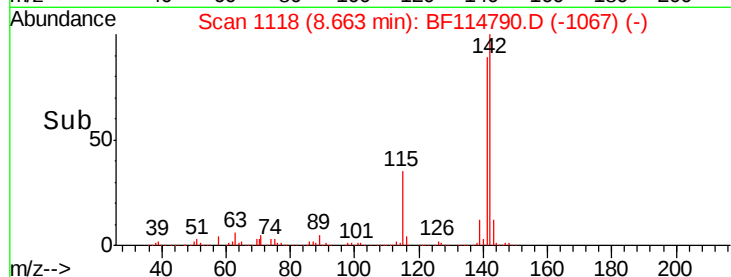
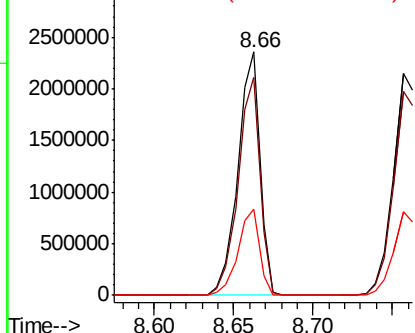
#37
2-Methylnaphthalene
Concen: 42.481 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 2274777
Ion Ratio Lower Upper
142 100
141 89.5 71.6 107.4
115 35.3 28.2 42.4

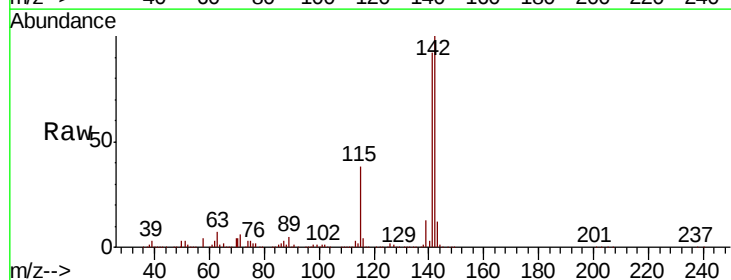


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

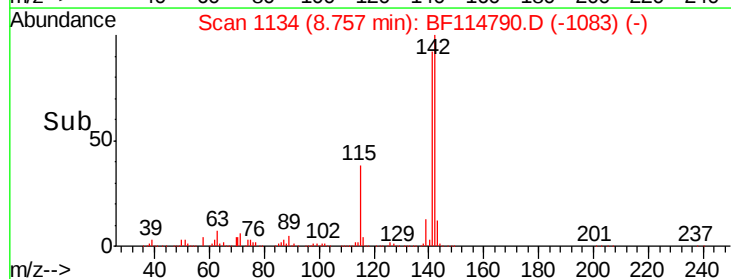
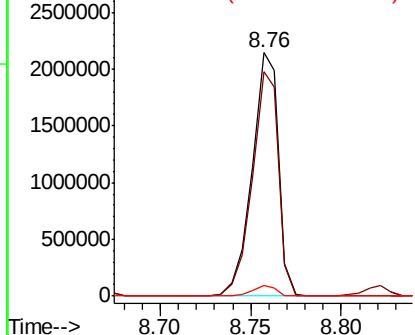


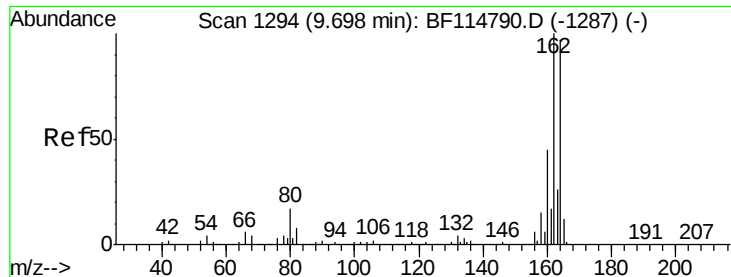
#38
1-Methylnaphthalene
Concen: 42.382 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:142 Resp: 2150957
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 4.1 3.3 4.9



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

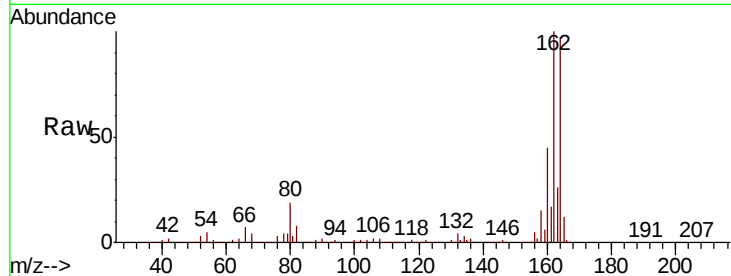




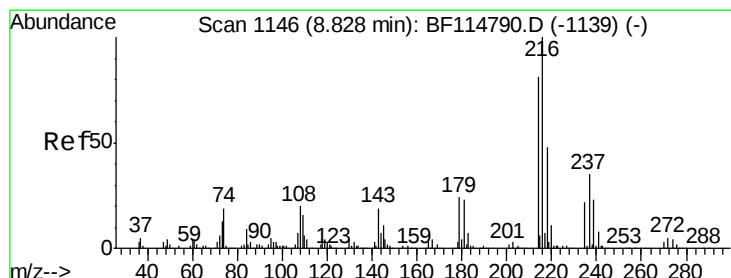
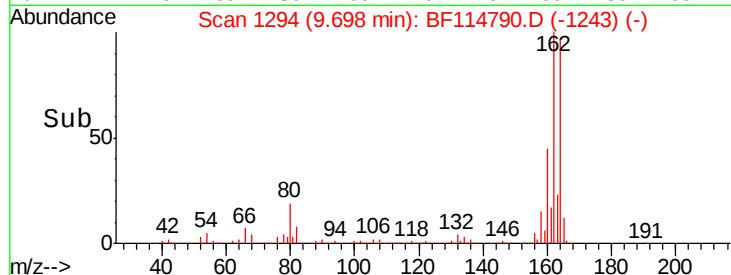
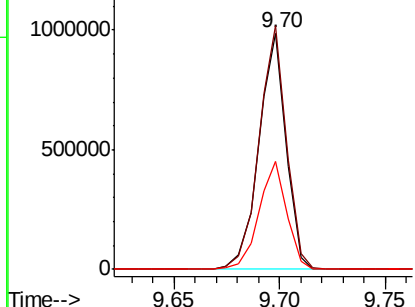
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.3	123.5
160	45.9	36.7	55.1



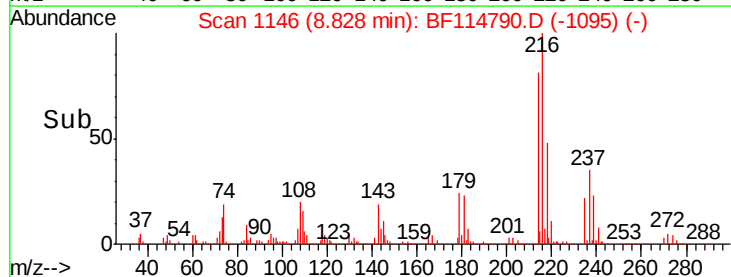
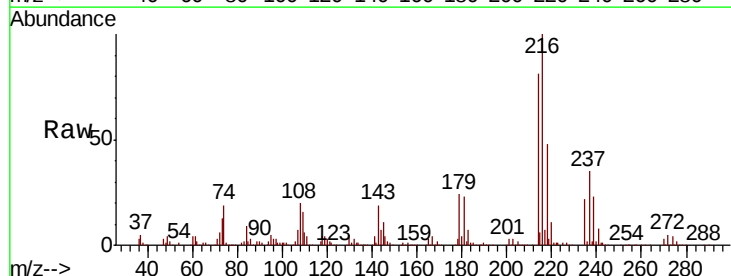
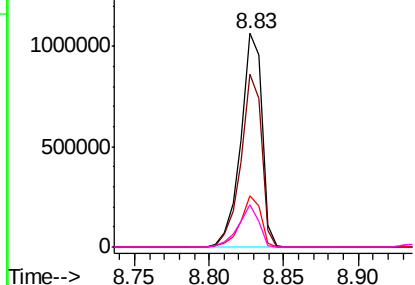
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

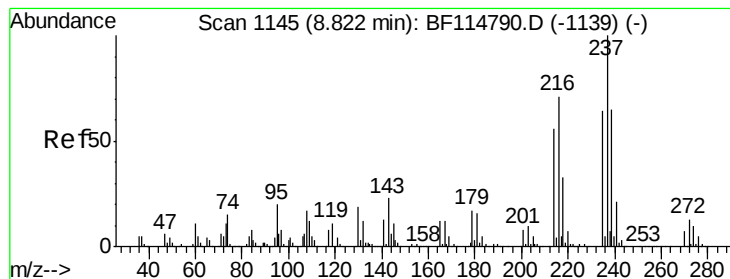


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.719 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	22.9	18.3	27.5
108	19.4	15.5	23.3

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: 41.839 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

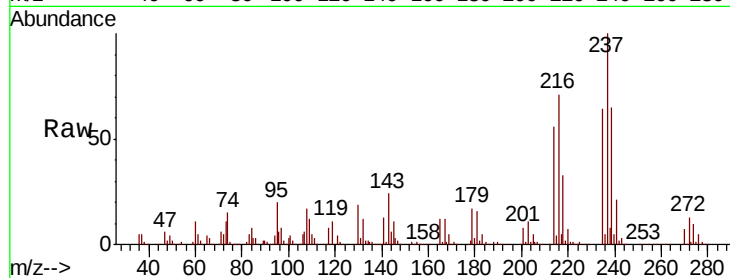
Tot Ion:237 Resp: 641148

Ion Ratio Lower Upper

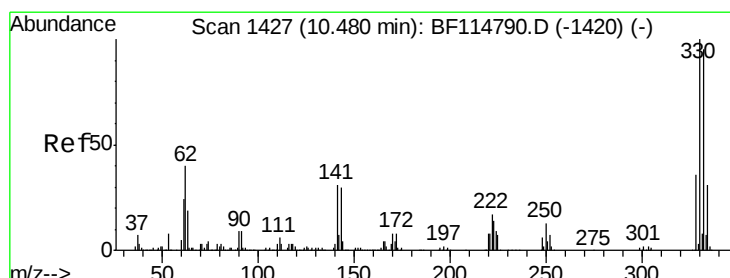
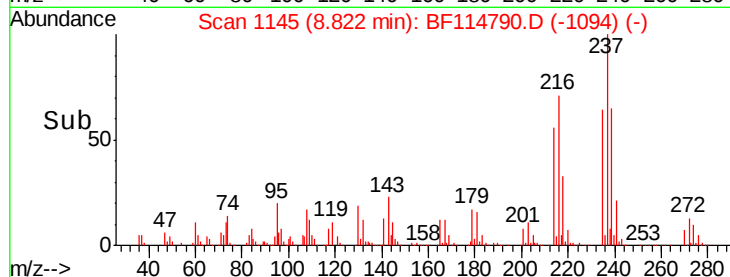
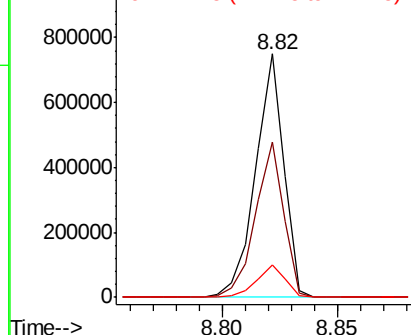
237 100

235 64.0 44.0 84.0

272 13.4 0.0 33.4



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: 87.095 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

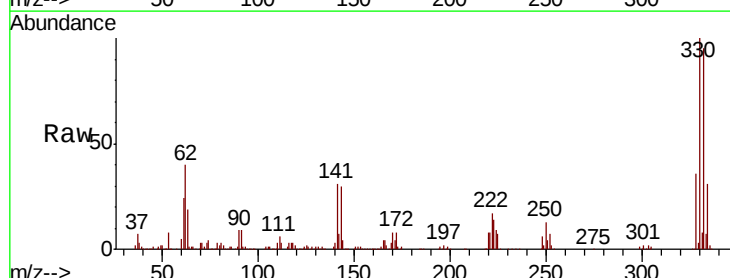
Tgt Ion:330 Resp: 778185

Ion Ratio Lower Upper

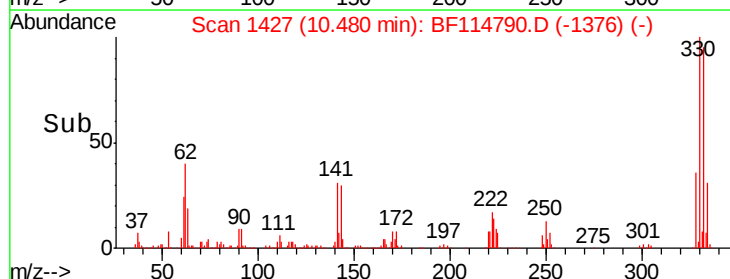
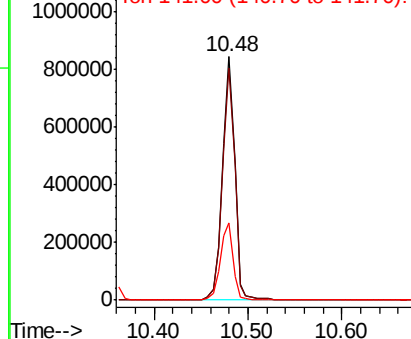
330 100

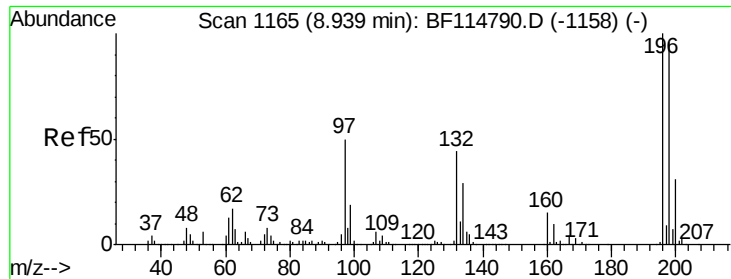
332 96.6 77.3 115.9

141 32.8 26.2 39.4



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

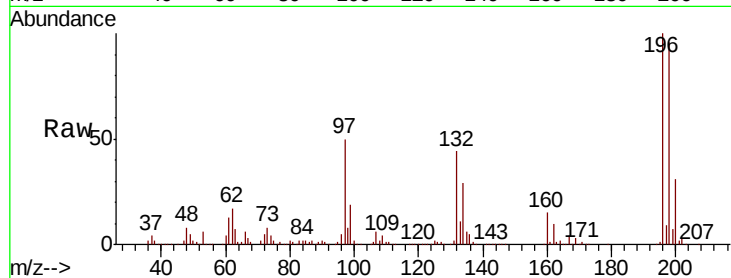




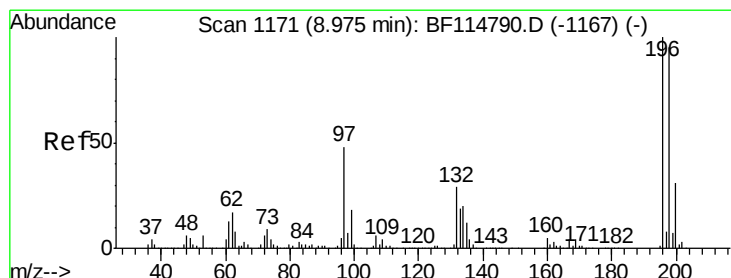
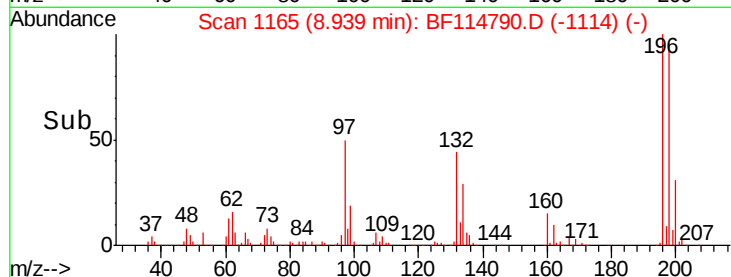
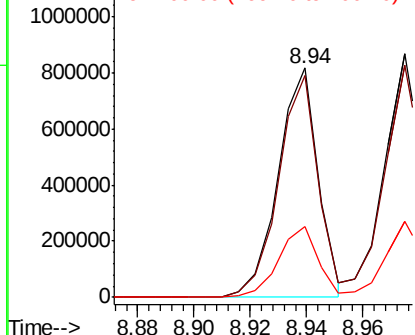
#43
 2,4,6-Trichlorophenol
 Concen: 41.740 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 801180
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.1 115.7
 200 30.7 24.6 36.8

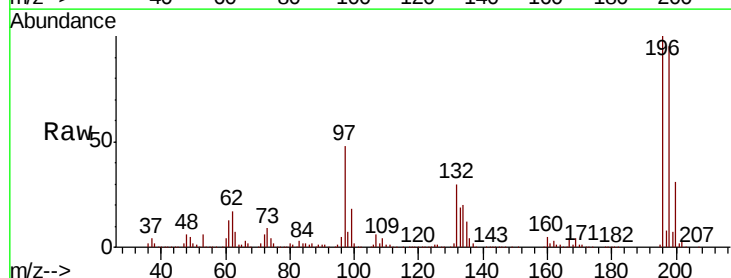


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

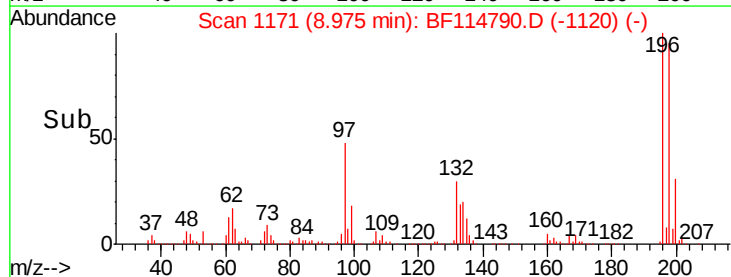
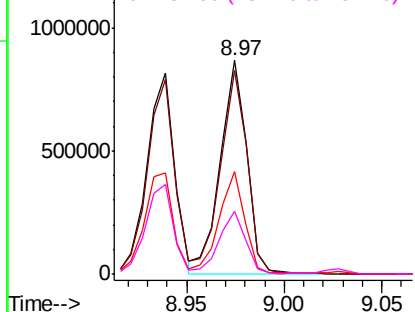


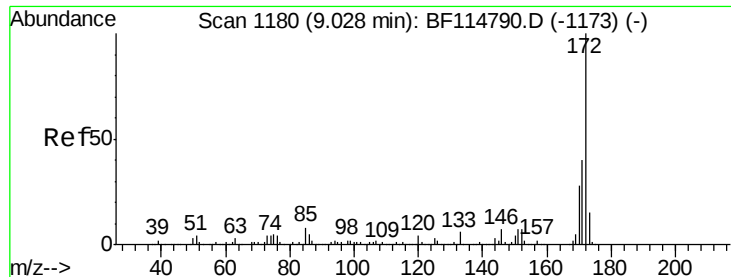
#44
 2,4,5-Trichlorophenol
 Concen: 42.796 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Tgt Ion:196 Resp: 815138
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.2 114.4
 97 47.8 38.2 57.4
 132 29.6 23.7 35.5



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

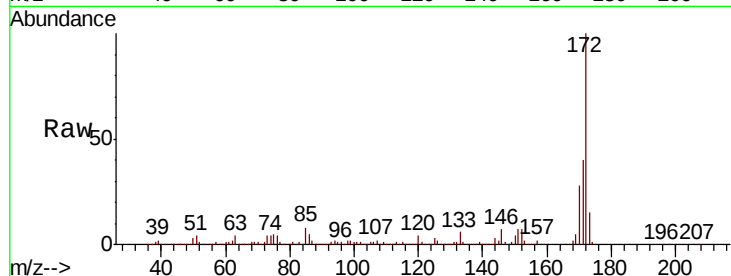




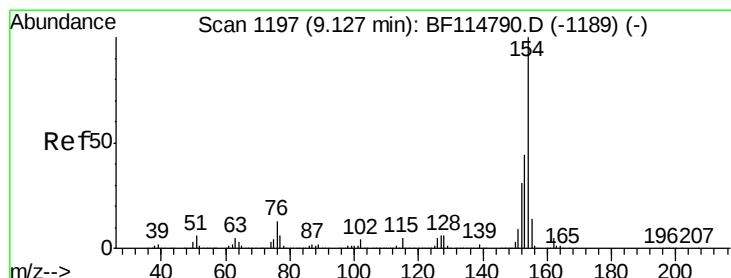
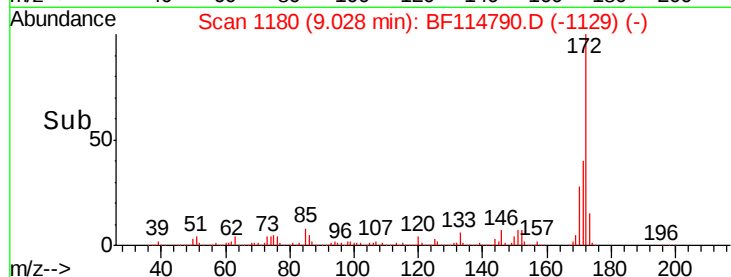
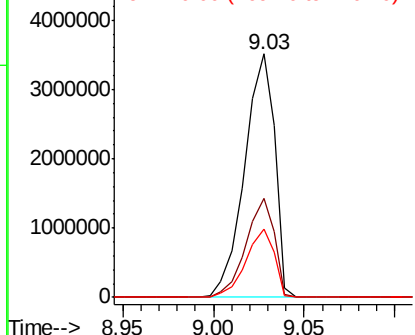
#45
2-Fluorobiphenyl
Concen: 82.926 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4062744
Ion Ratio Lower Upper
172 100
171 40.4 32.3 48.5
170 28.0 22.4 33.6

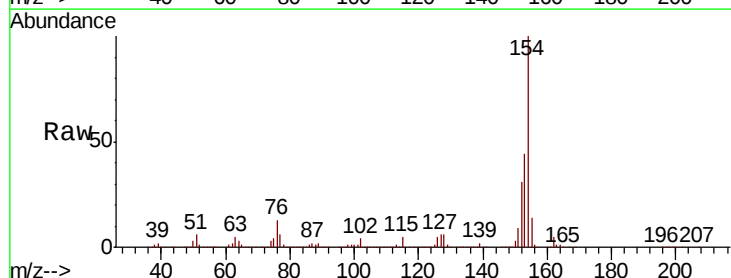


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

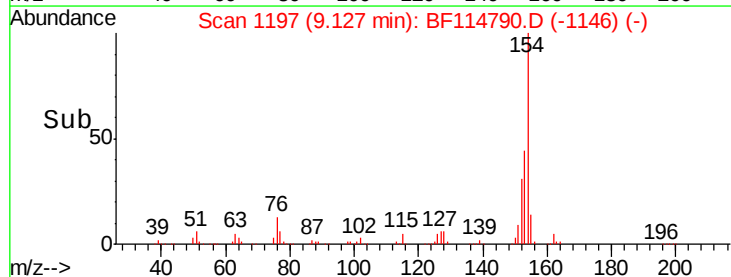
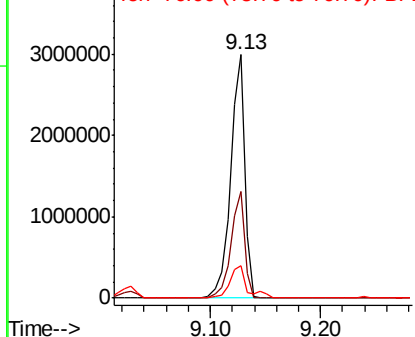


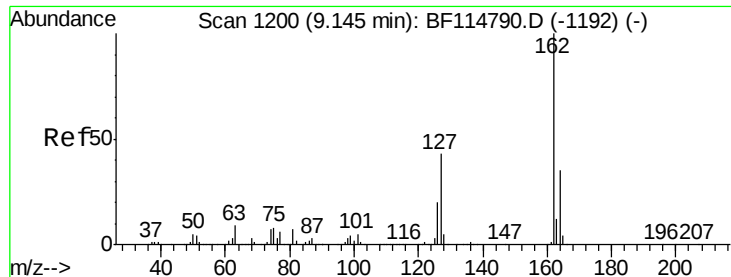
#46
1,1'-Biphenyl
Concen: 42.471 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:154 Resp: 2679525
Ion Ratio Lower Upper
154 100
153 43.9 23.9 63.9
76 13.2 0.0 33.2



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

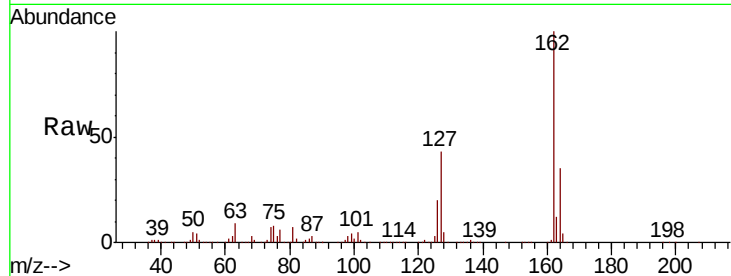




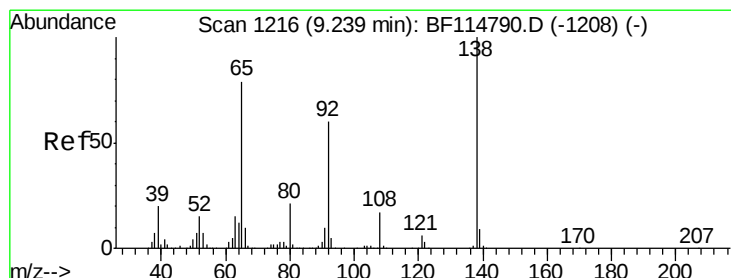
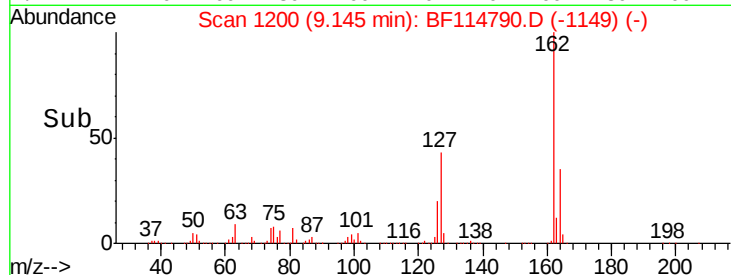
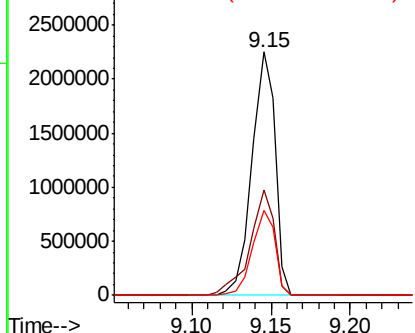
#47
 2-Chloronaphthalene
 Concen: 43.104 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 162 Resp: 2300588
 Ion Ratio Lower Upper
 162 100
 127 43.2 34.6 51.8
 164 34.8 27.8 41.8

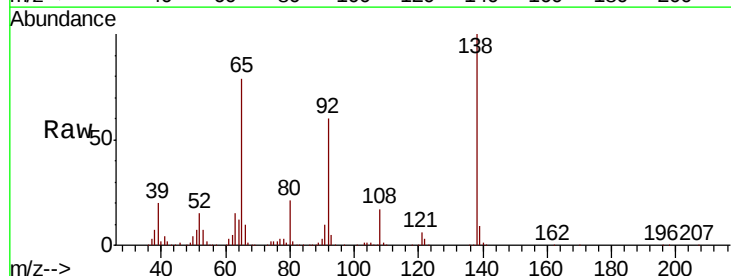


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

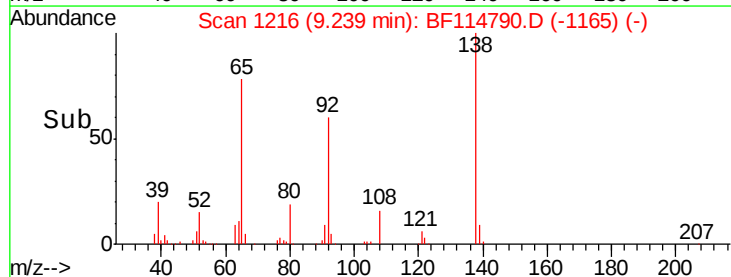
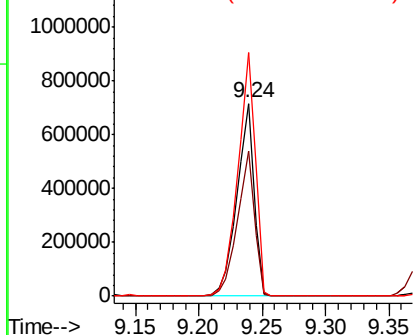


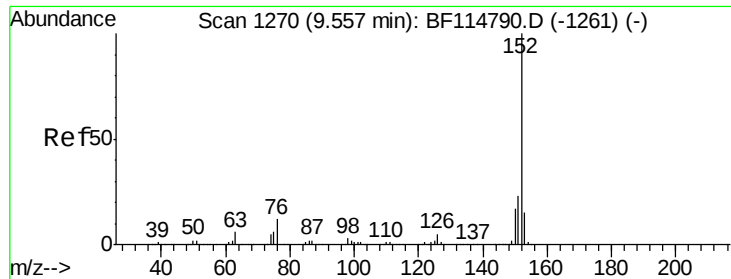
#48
 2-Nitroaniline
 Concen: 41.340 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Tgt Ion: 65 Resp: 664918
 Ion Ratio Lower Upper
 65 100
 92 75.5 60.4 90.6
 138 126.5 101.2 151.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

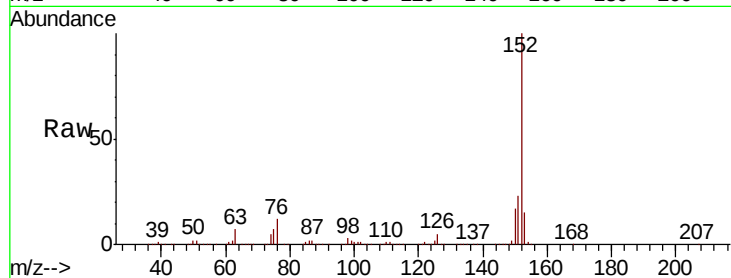




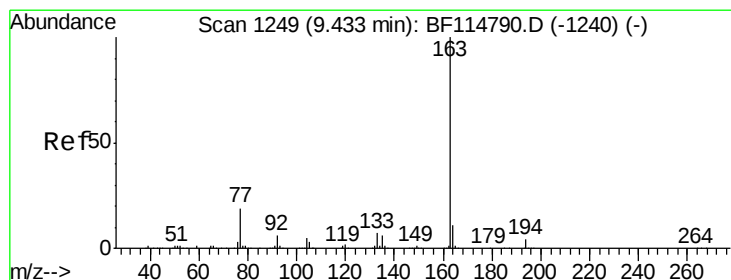
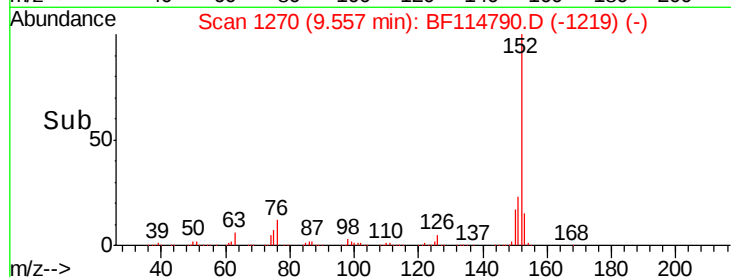
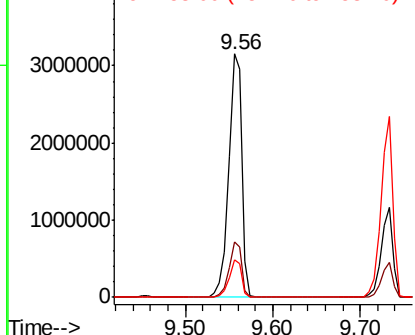
#49
Acenaphthylene
Concen: 41.985 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 3270810
Ion Ratio Lower Upper
152 100
151 22.9 18.3 27.5
153 15.4 12.3 18.5

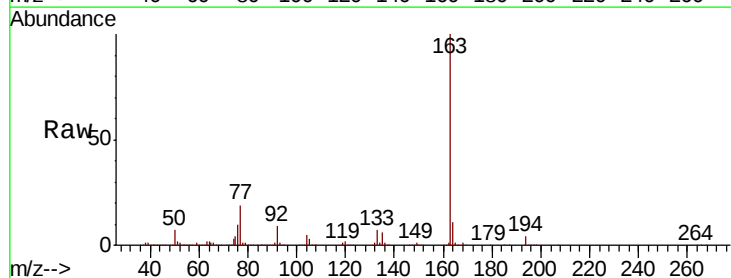


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

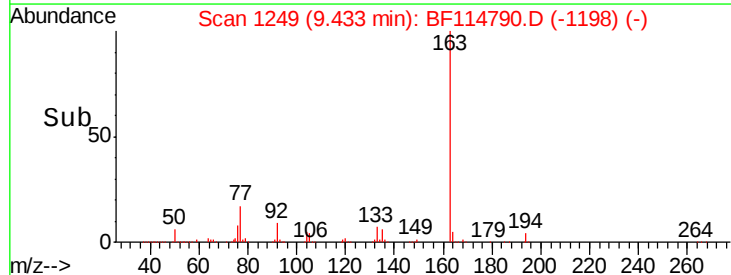
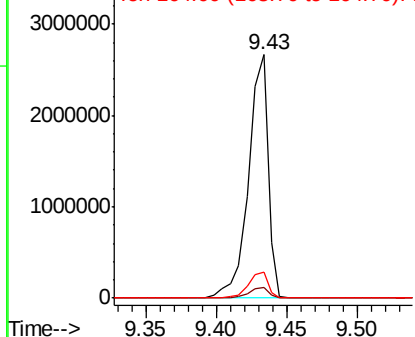


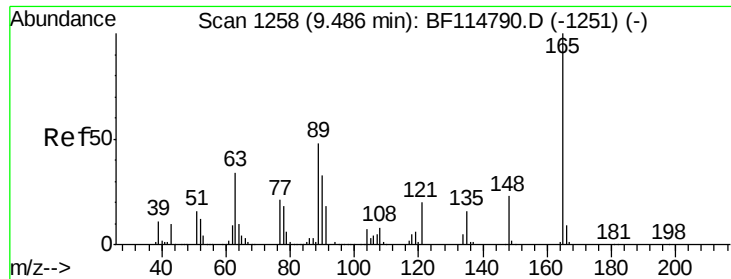
#50
Dimethylphthalate
Concen: 41.520 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:163 Resp: 2601398
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.8 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

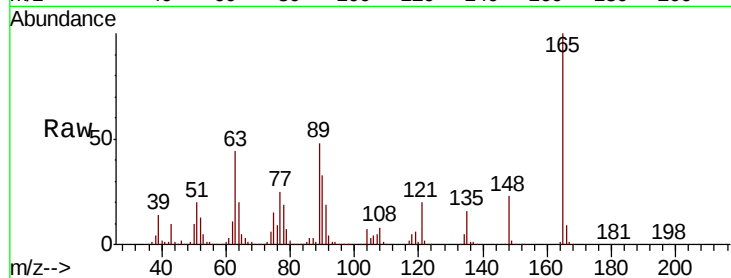




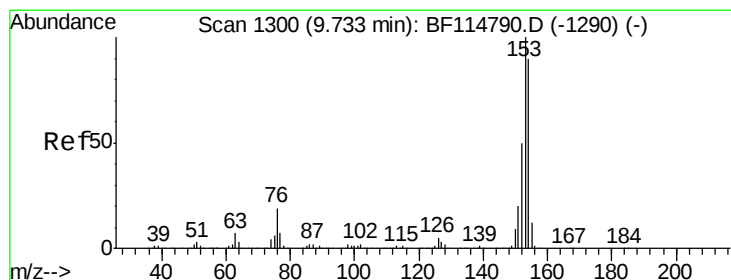
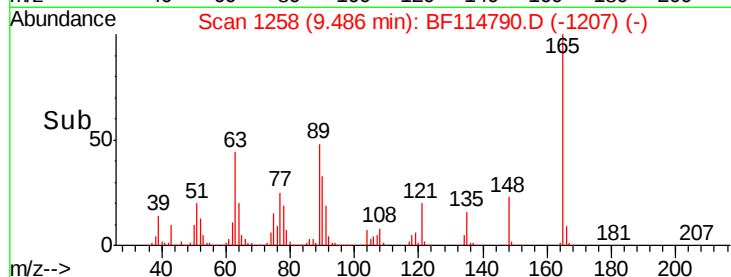
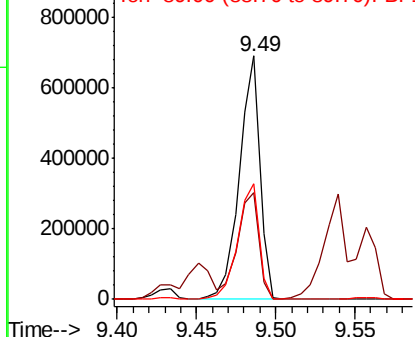
#51
 2,6-Dinitrotoluene
 Concen: 42.663 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 620123
 Ion Ratio Lower Upper
 165 100
 63 43.9 35.1 52.7
 89 47.7 38.2 57.2

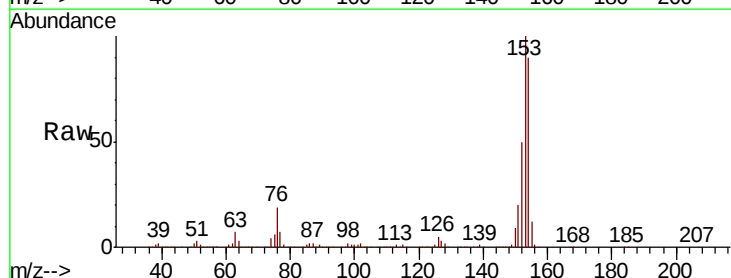


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

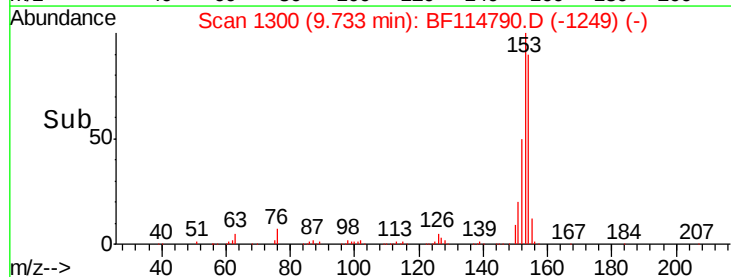
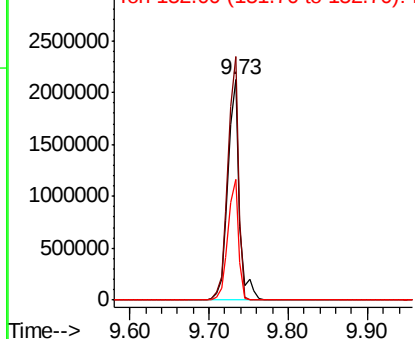


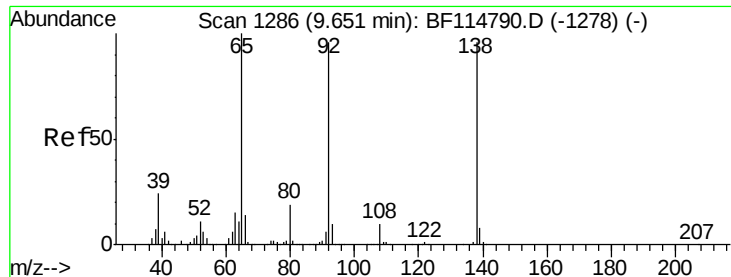
#52
 Acenaphthene
 Concen: 42.325 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Tgt Ion:154 Resp: 2143446
 Ion Ratio Lower Upper
 154 100
 153 110.6 88.5 132.7
 152 55.1 44.1 66.1



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

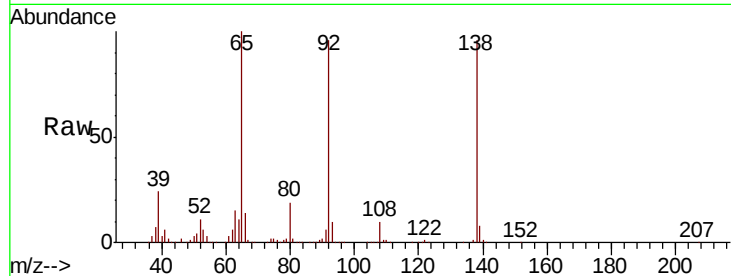




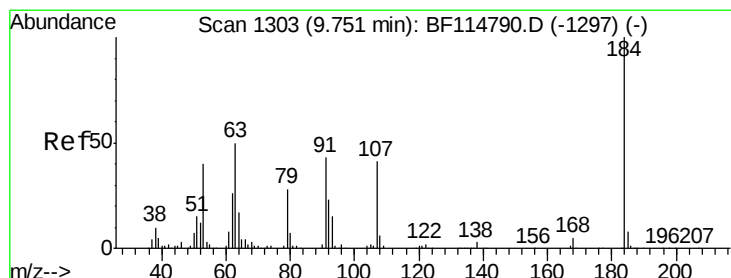
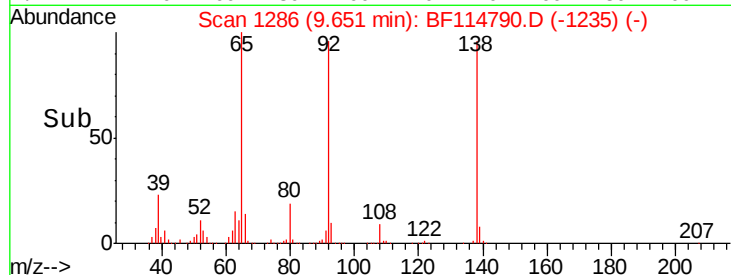
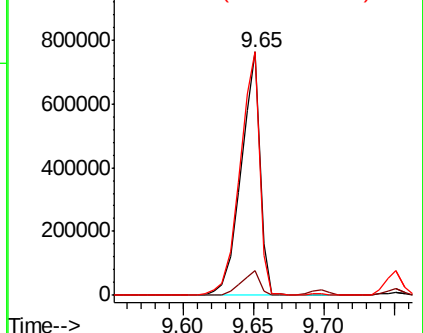
#53
3-Nitroaniline
Concen: 40.984 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 709705
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 99.9 79.9 119.9

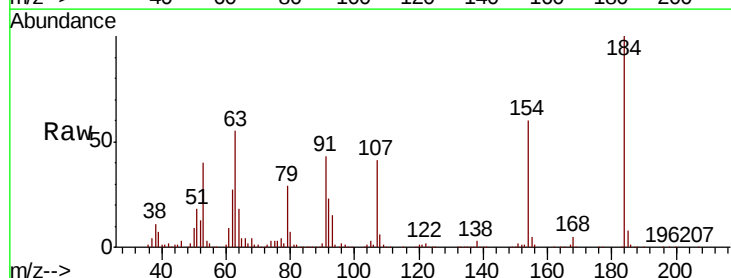


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

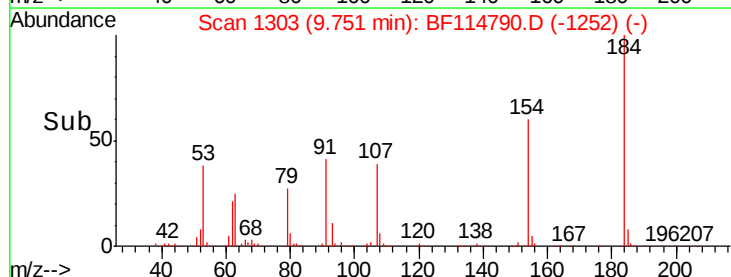
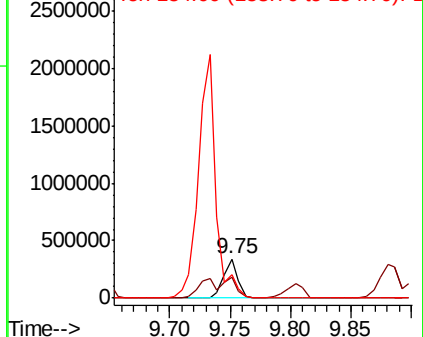


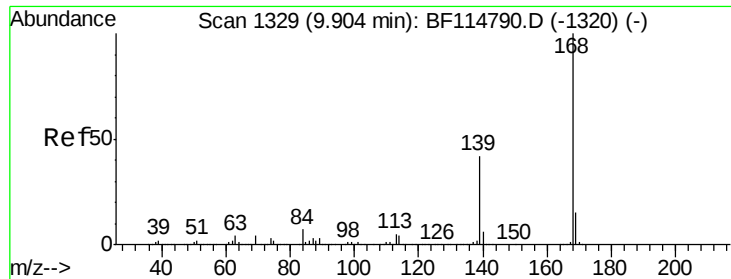
#54
2,4-Dinitrophenol
Concen: 41.421 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:184 Resp: 284260
Ion Ratio Lower Upper
184 100
63 55.1 44.1 66.1
154 60.1 48.1 72.1



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

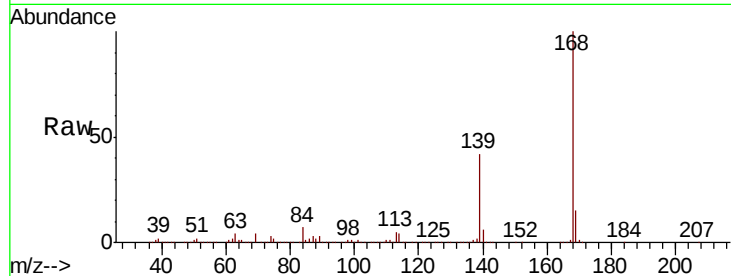




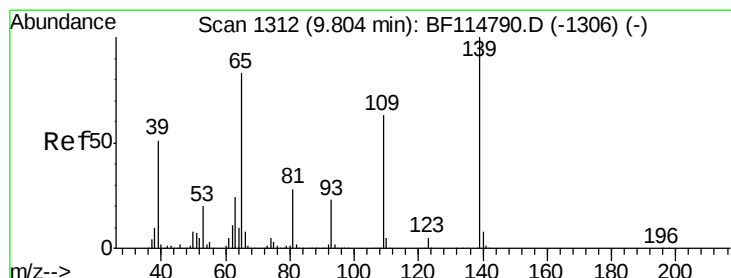
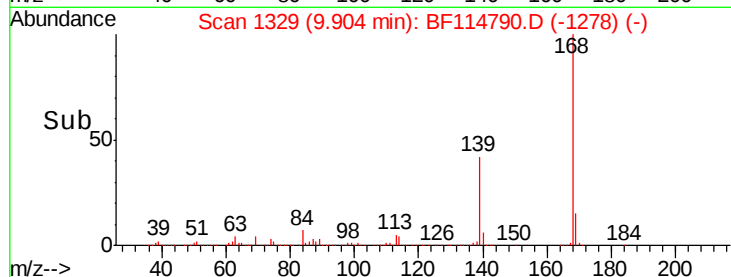
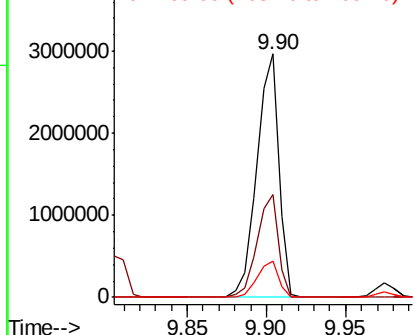
#55
Dibenzenofuran
Concen: 42.392 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2876874
Ion Ratio Lower Upper
168 100
139 42.2 33.8 50.6
169 14.9 11.9 17.9

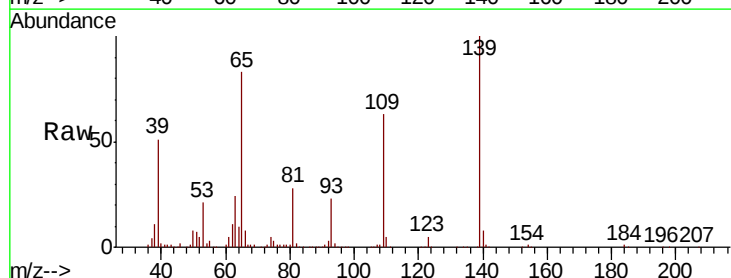


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

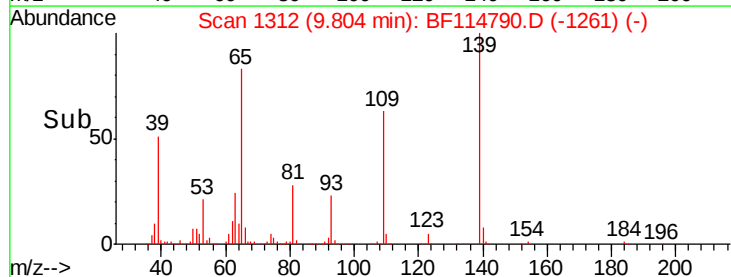
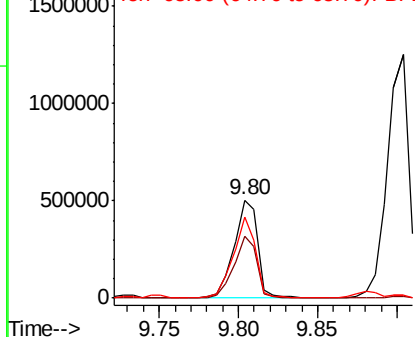


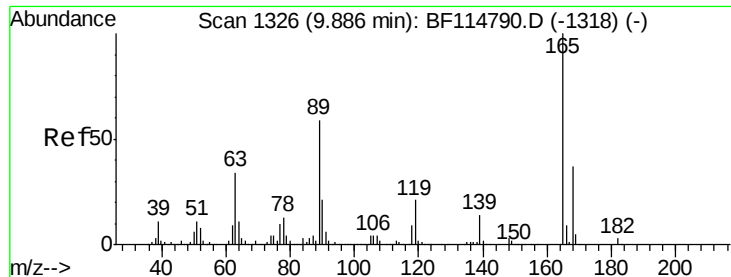
#56
4-Nitrophenol
Concen: 41.777 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:139 Resp: 523035
Ion Ratio Lower Upper
139 100
109 63.5 43.5 83.5
65 83.2 63.2 103.2



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

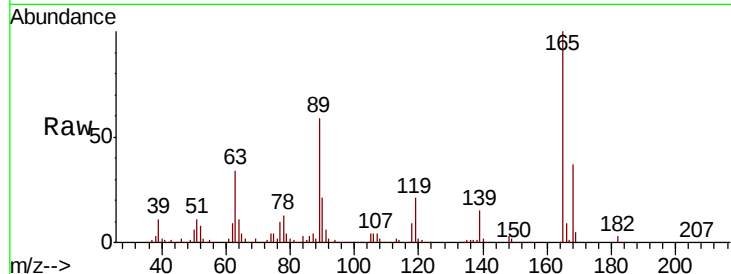




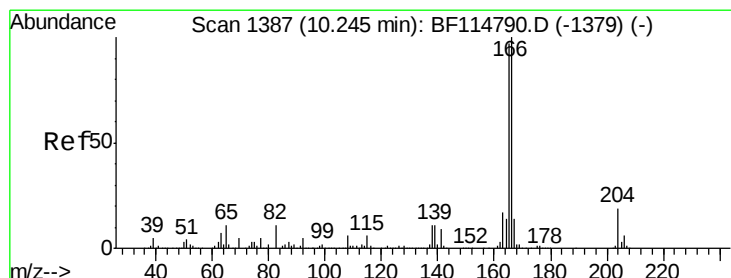
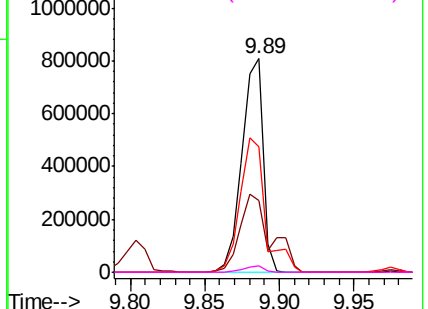
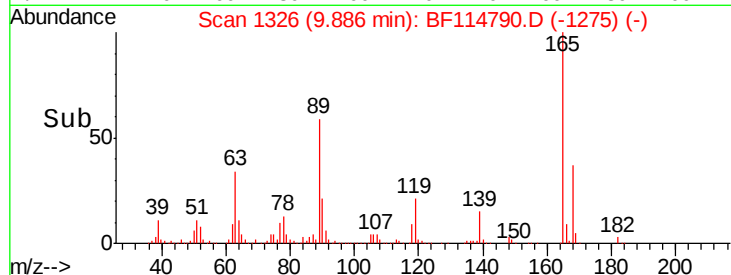
#57
 2,4-Dinitrotoluene
 Concen: 43.263 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	796012
Ion	Ratio	Lower	Upper
165	100		
63	33.7	27.0	40.4
89	58.8	47.0	70.6
182	2.7	2.2	3.2

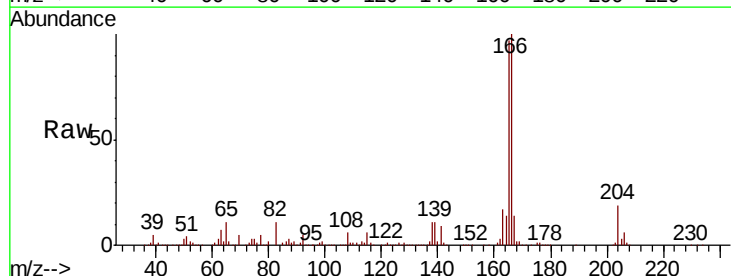


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

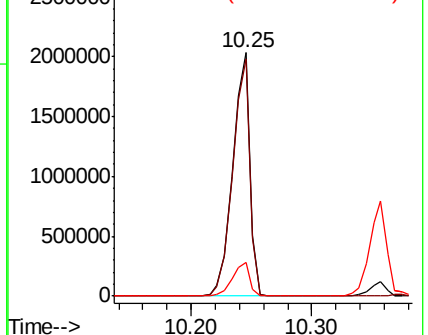
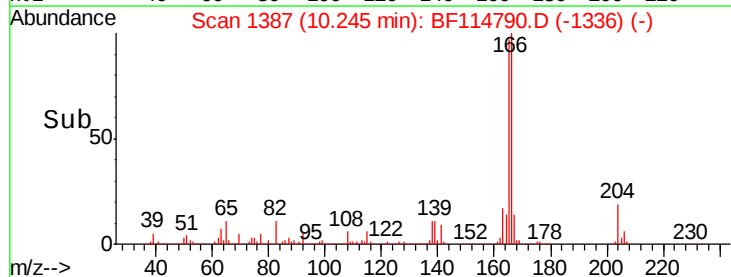


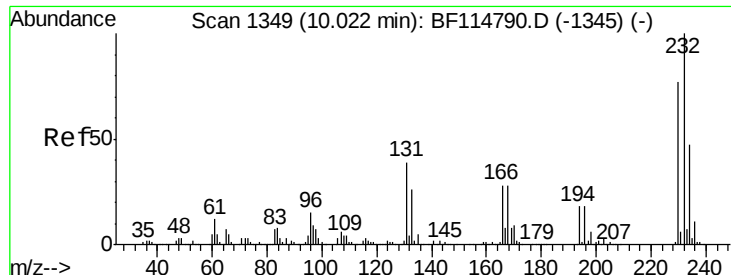
#58
 Fluorene
 Concen: 41.247 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Tgt Ion:	166	Resp:	2007856
Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	14.1	11.3	16.9



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

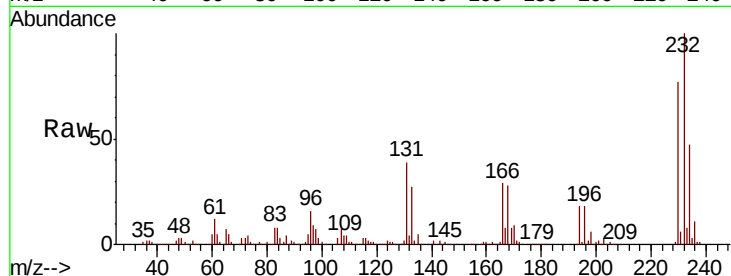




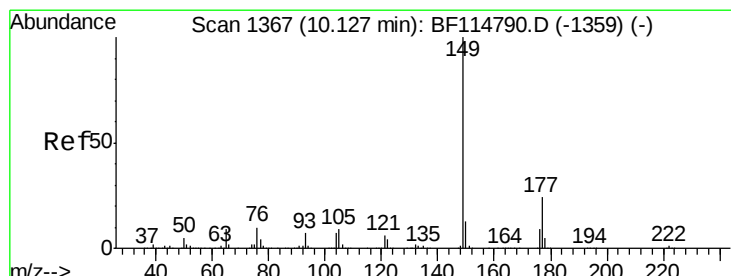
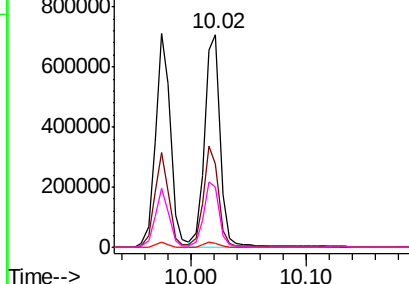
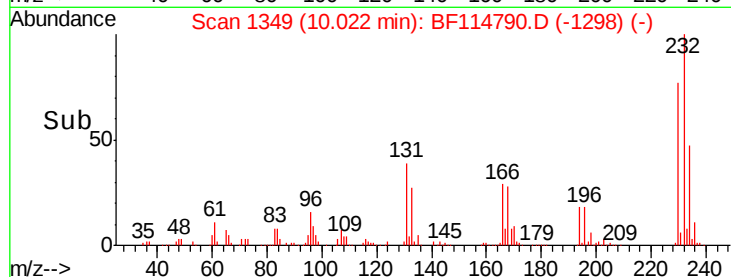
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.348 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 673795
Ion Ratio Lower Upper
232 100
131 46.0 36.8 55.2
130 2.2 1.8 2.6
166 30.8 24.6 37.0

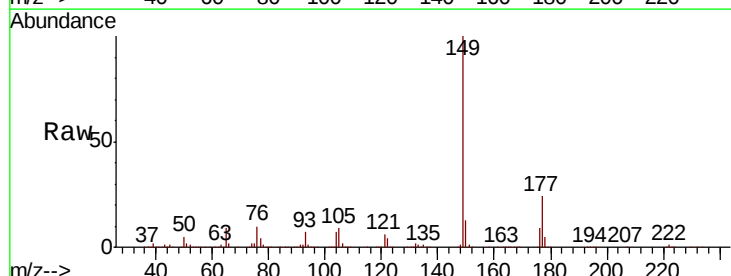


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

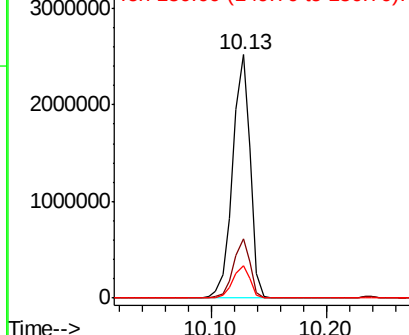
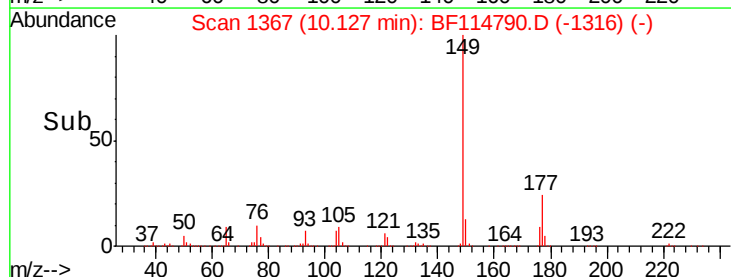


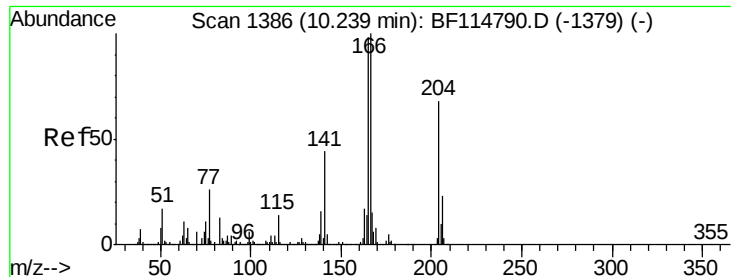
#60
Diethylphthalate
Concen: 41.957 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:149 Resp: 2630438
Ion Ratio Lower Upper
149 100
177 24.1 19.3 28.9
150 13.4 10.7 16.1



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

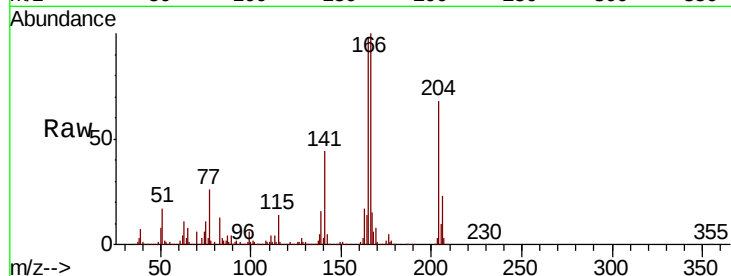




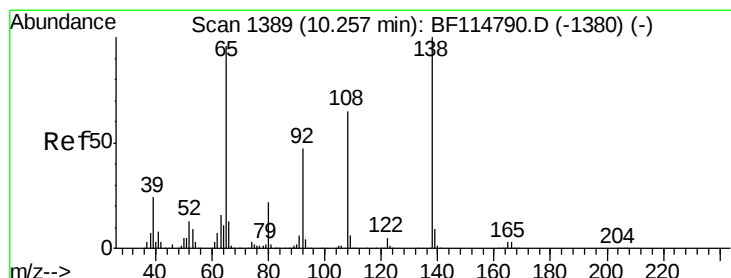
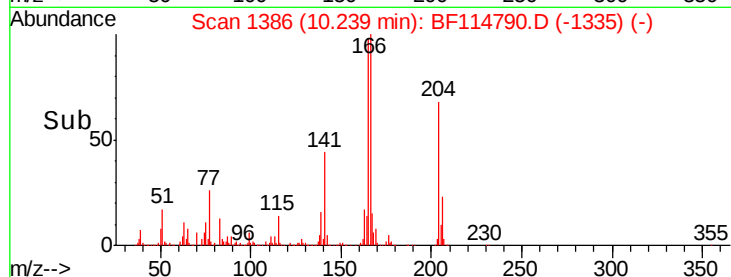
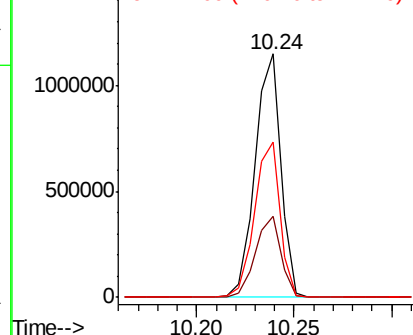
#61
4-Chlorophenyl-phenylether
Concen: 41.787 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 1048176
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 63.7 51.0 76.4

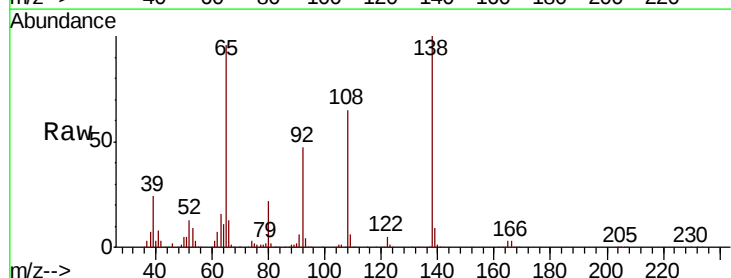


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

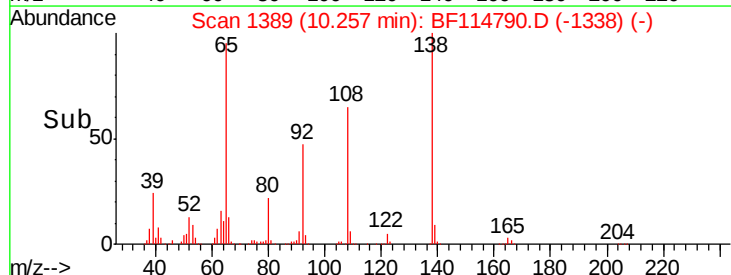
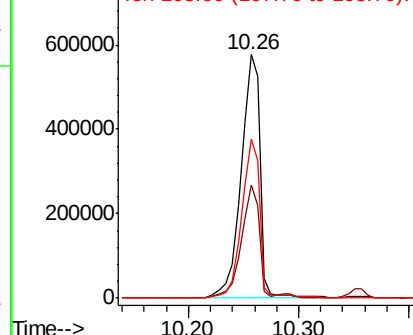


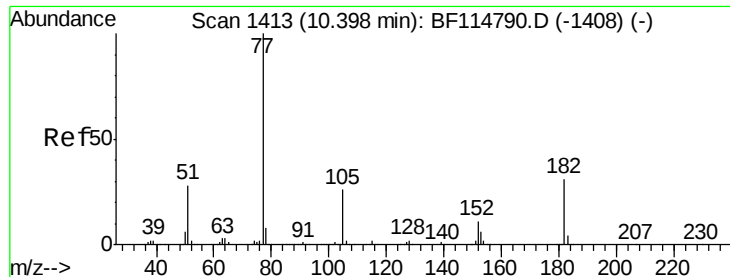
#62
4-Nitroaniline
Concen: 41.691 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:138 Resp: 698085
Ion Ratio Lower Upper
138 100
92 46.5 26.5 66.5
108 65.4 45.4 85.4



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: 41.750 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2245653

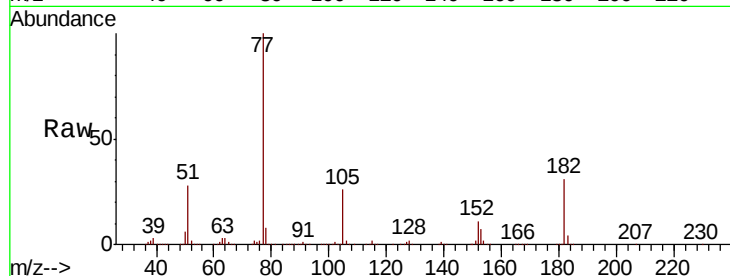
Ion Ratio Lower Upper

77 100

182 31.2 11.2 51.2

105 25.7 5.7 45.7

51 28.0 8.0 48.0

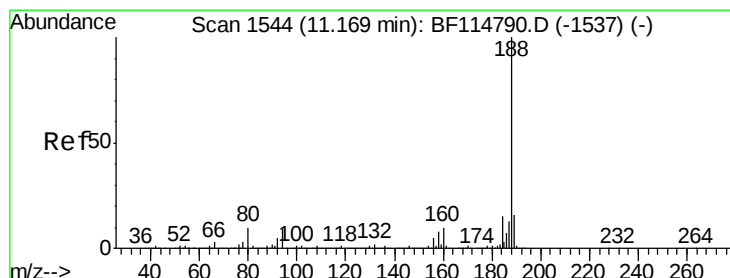
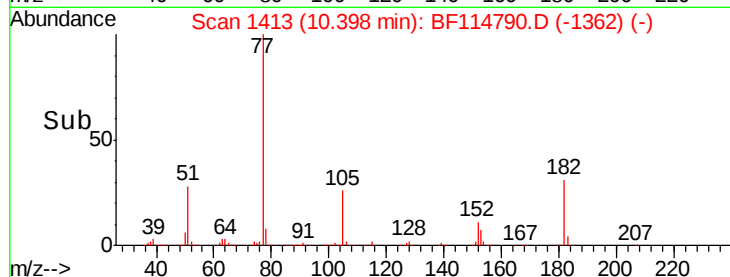
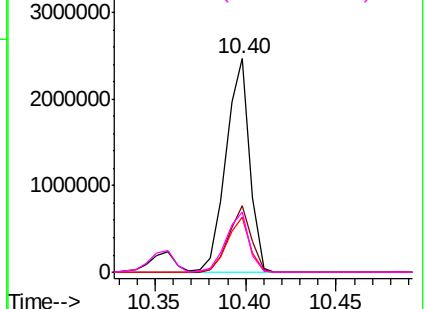


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

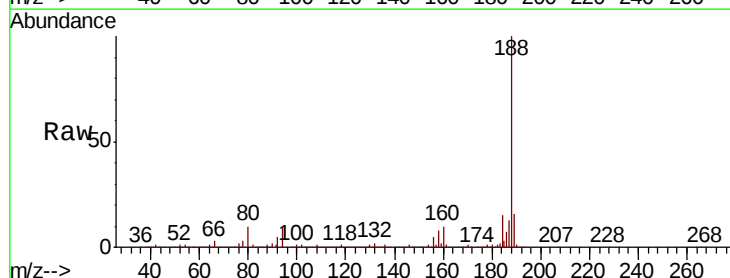
Tgt Ion: 188 Resp: 1647752

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

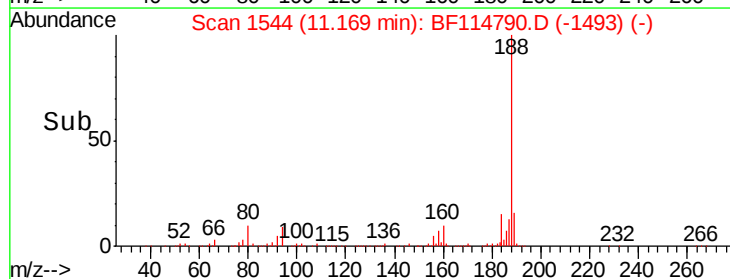
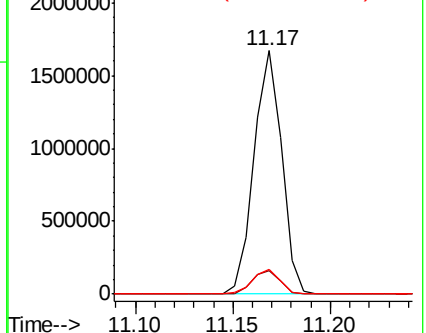
80 10.4 8.3 12.5

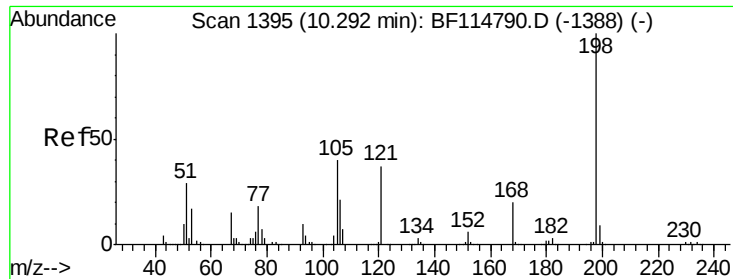


Abundance Ion 188.00 (187.70 to 188.70): E

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: 41.570 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

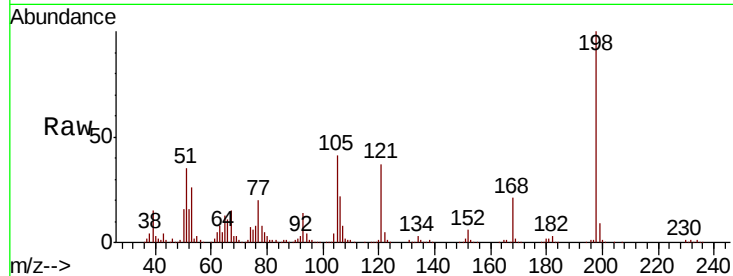
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 354316

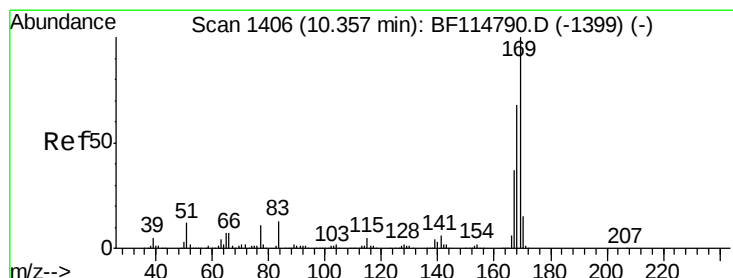
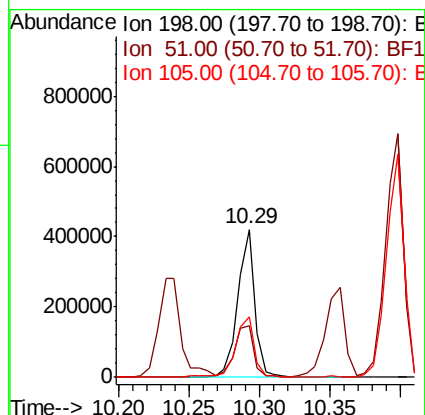
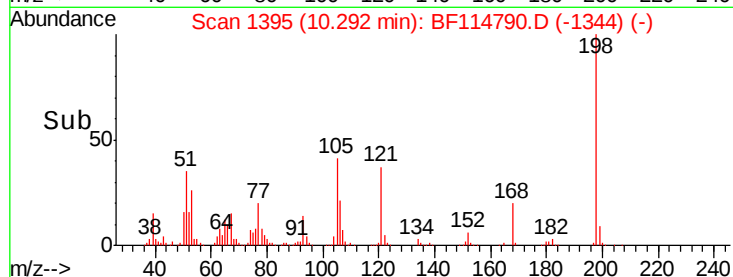
Ion	Ratio	Lower	Upper
198	100		
51	34.9	14.9	54.9
105	41.0	21.0	61.0



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: 42.276 ng

RT: 10.36 min Scan# 1406

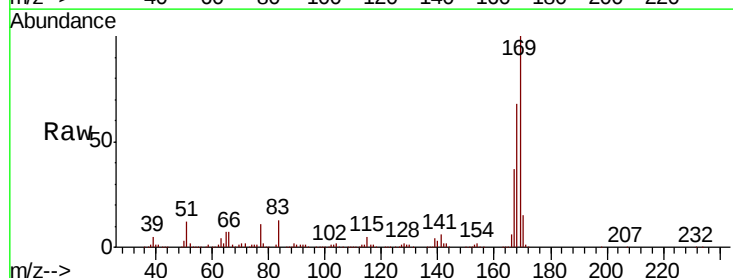
Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Tgt Ion:169 Resp: 2046816

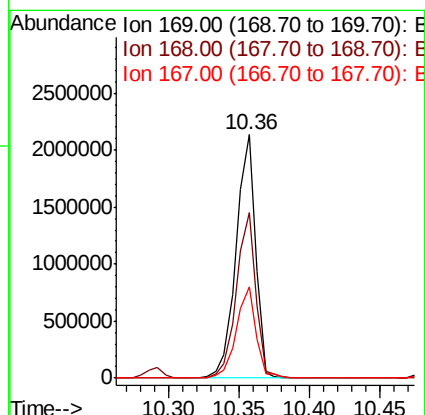
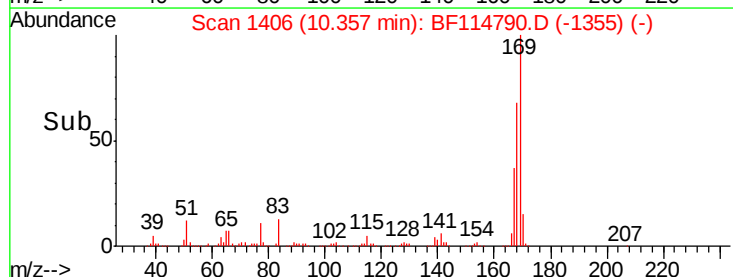
Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.3	81.5
167	37.4	29.9	44.9

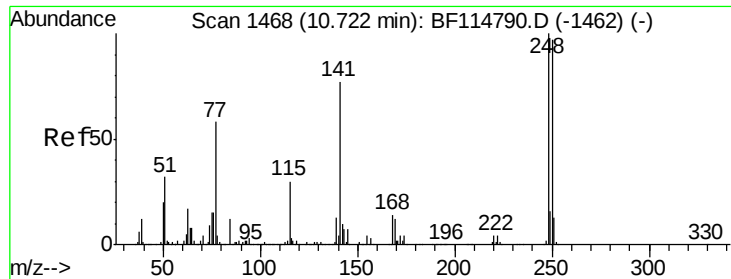


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

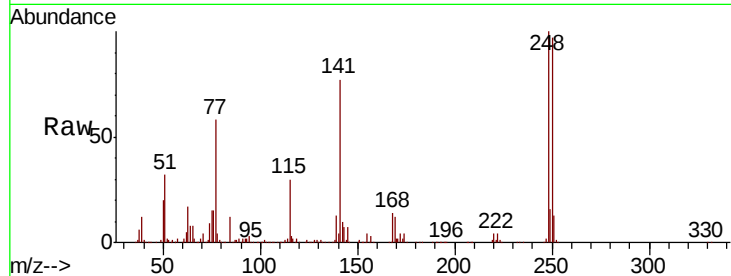




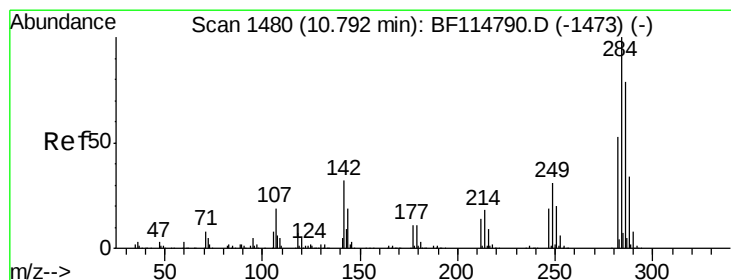
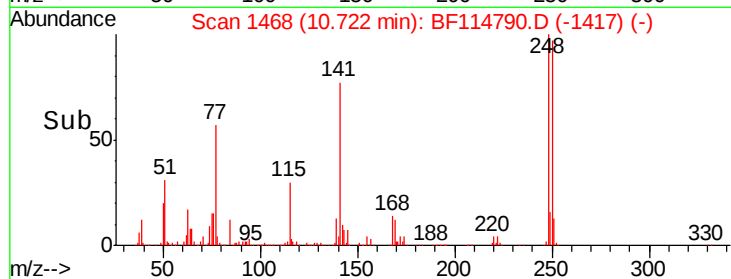
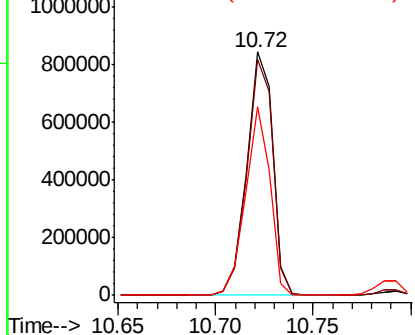
#67
4-Bromophenyl-phenylether
Concen: 42.801 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.5	116.3
141	77.3	61.8	92.8

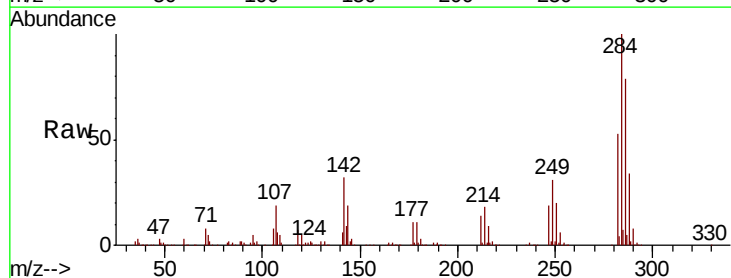


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

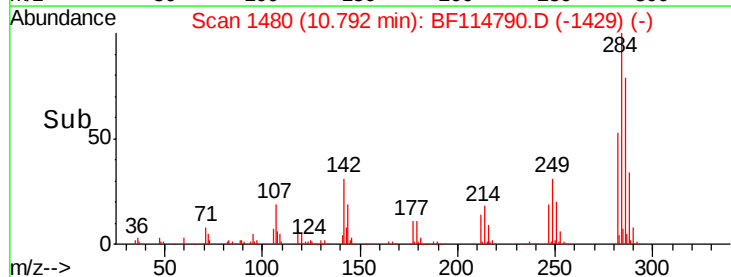
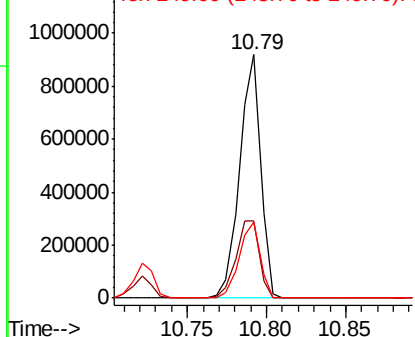


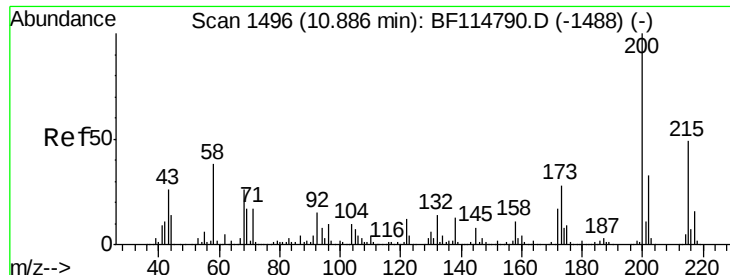
#68
Hexachlorobenzene
Concen: 42.367 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.3	37.9
249	31.1	24.9	37.3



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

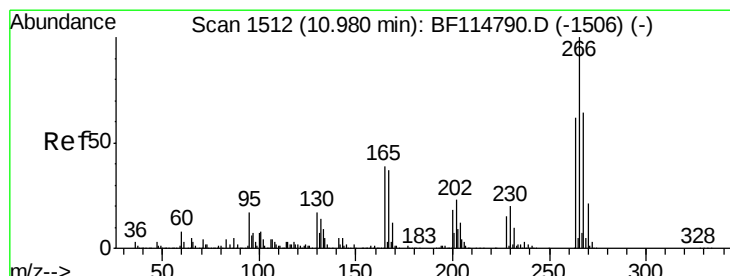
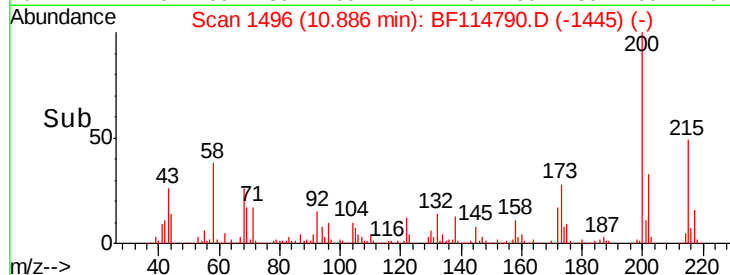
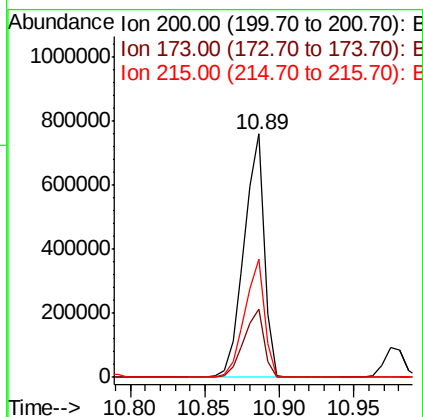
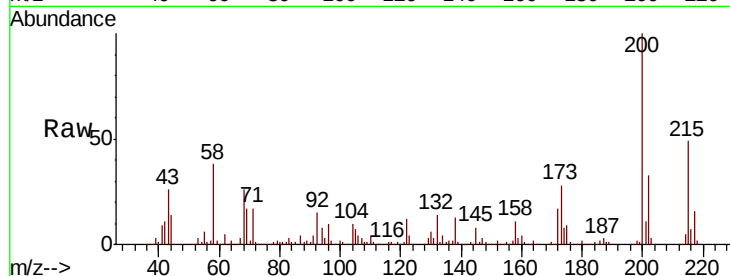




#69
 Atrazine
 Concen: 49.872 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

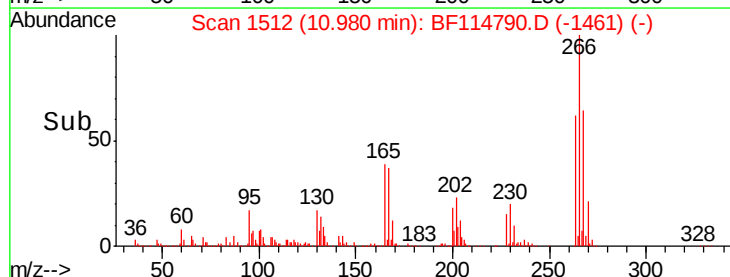
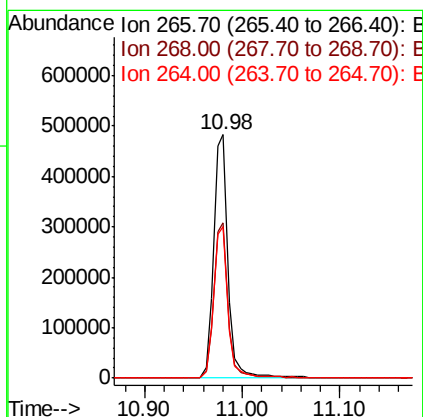
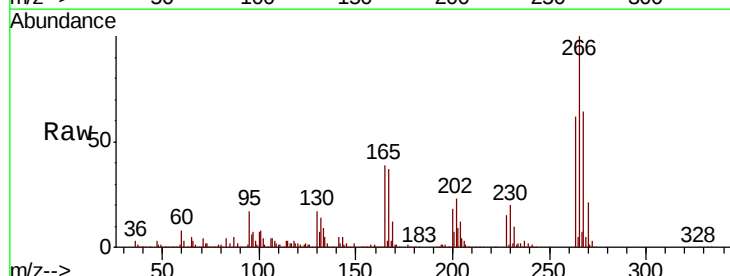
Instrument :
 BNA_F
 ClientSampleId :

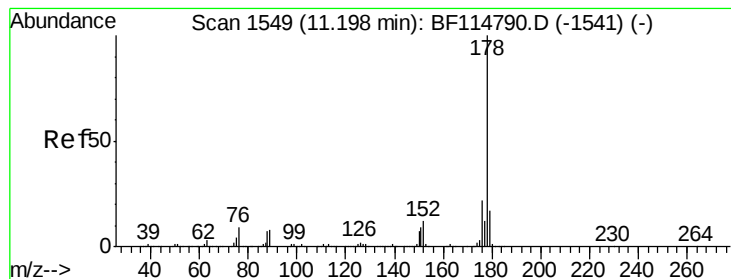
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.0	48.0
215	48.7	28.7	68.7



#70
 Pentachlorophenol
 Concen: 43.410 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.0	76.6
264	62.0	49.6	74.4





#71

Phenanthrene

Concen: 41.257 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

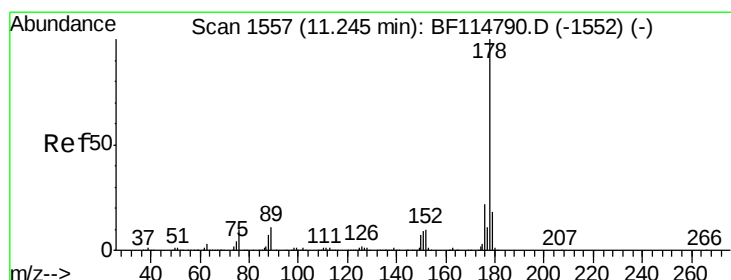
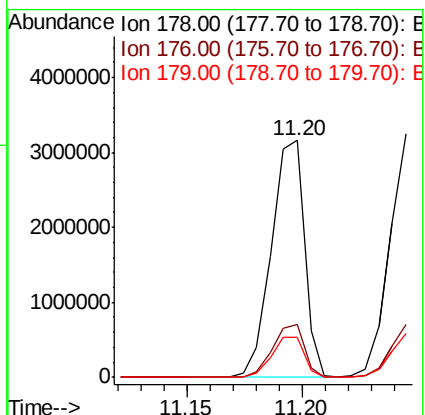
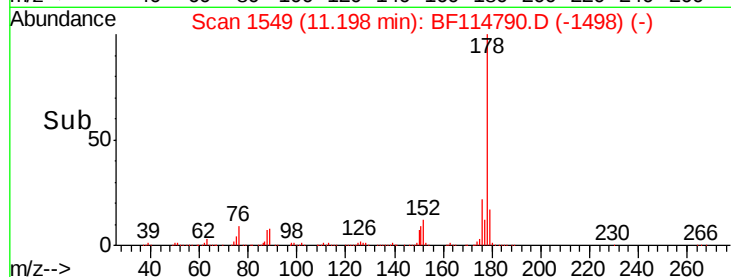
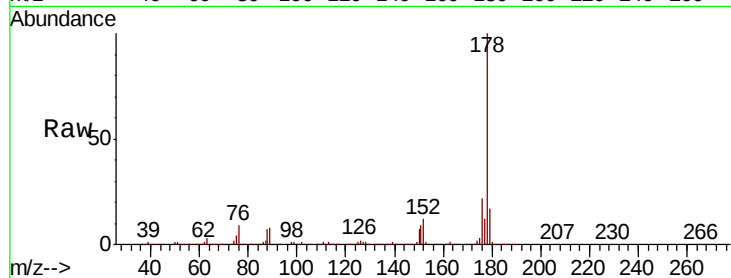
Tot Ion:178 Resp: 3155450

Ion Ratio Lower Upper

178 100

176 22.1 17.7 26.5

179 17.1 13.7 20.5



#72

Anthracene

Concen: 42.298 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

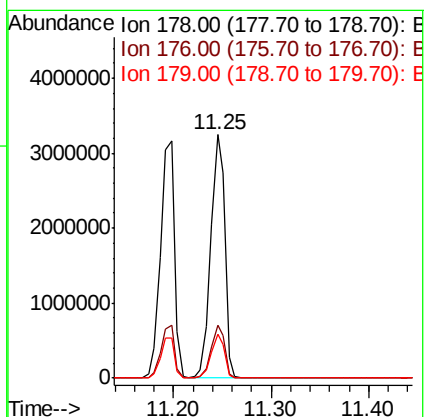
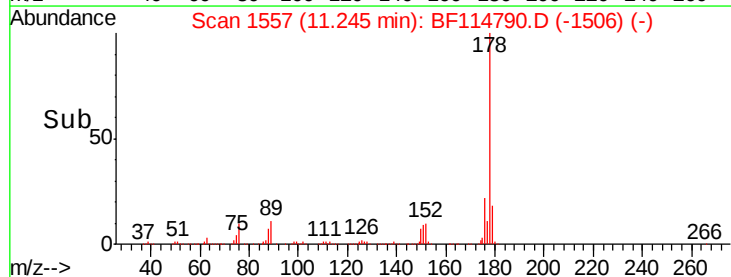
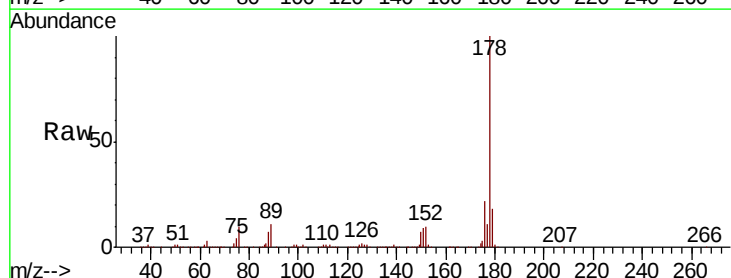
Tgt Ion:178 Resp: 3245745

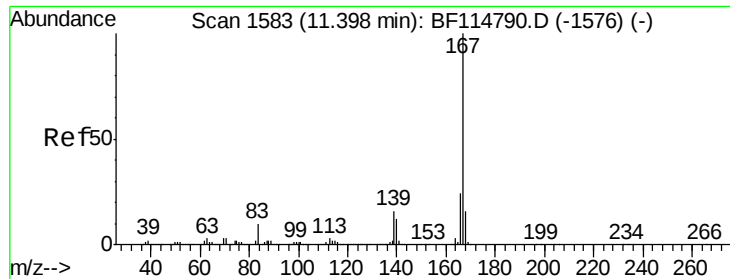
Ion Ratio Lower Upper

178 100

176 21.7 17.4 26.0

179 17.8 14.2 21.4





#73

Carbazole

Concen: 41.011 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

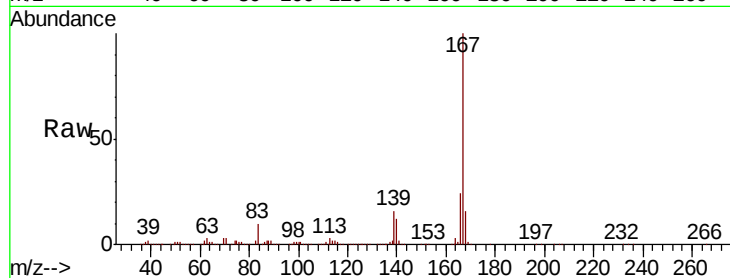
Tot Ion:167 Resp: 2848174

Ion Ratio Lower Upper

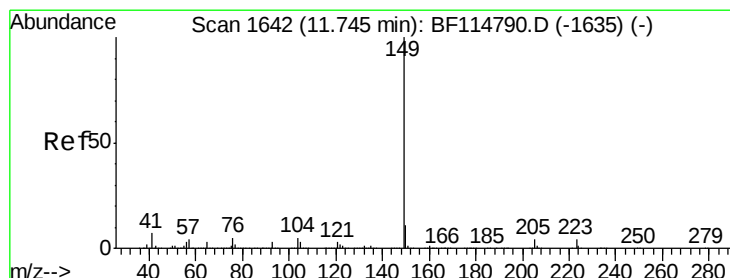
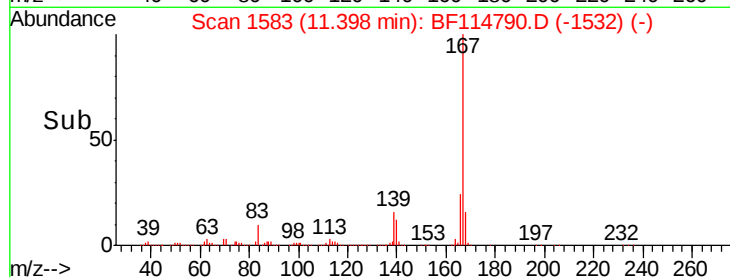
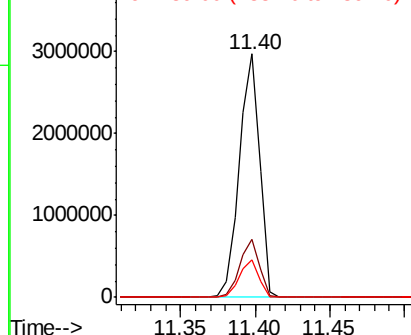
167 100

166 23.9 19.1 28.7

139 15.5 12.4 18.6



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: 41.590 ng

RT: 11.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

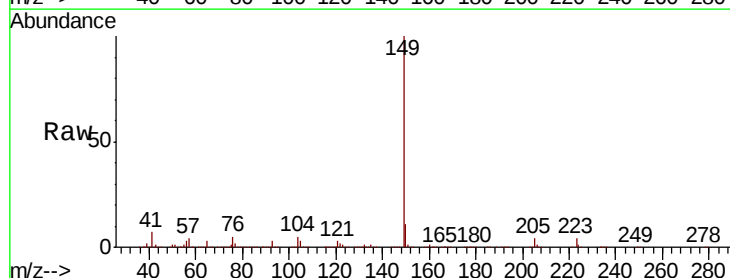
Tgt Ion:149 Resp: 3682215

Ion Ratio Lower Upper

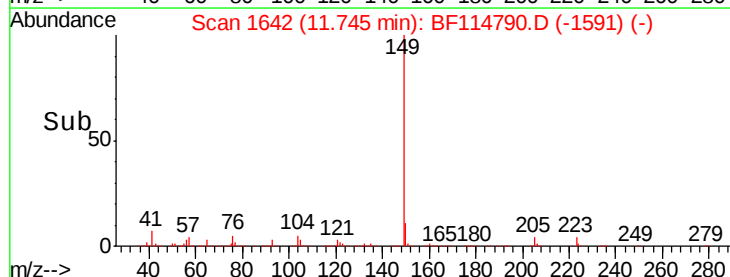
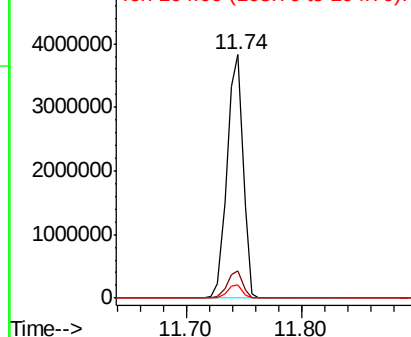
149 100

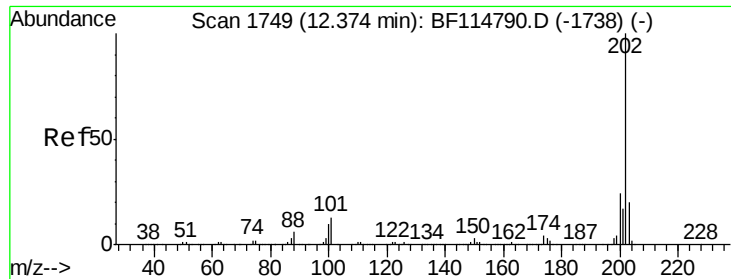
150 11.1 8.9 13.3

104 5.4 4.3 6.5



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





#75

Fluoranthene

Concen: 40.469 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

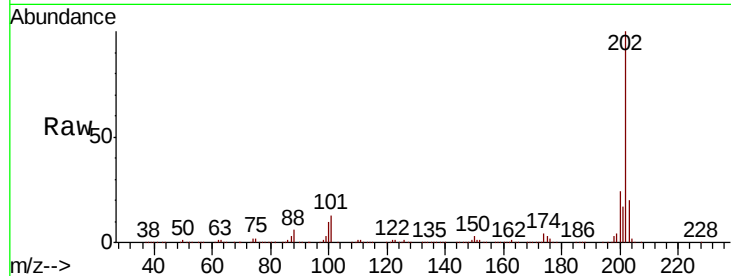
Tot Ion:202 Resp: 3112083

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.8

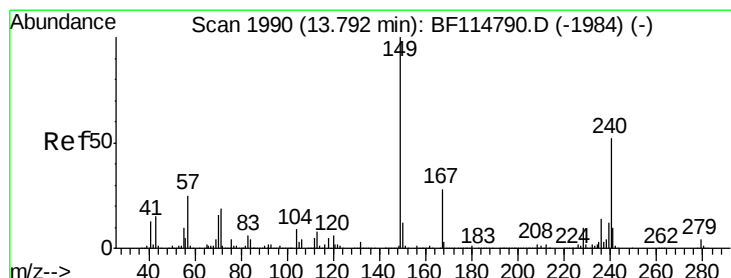
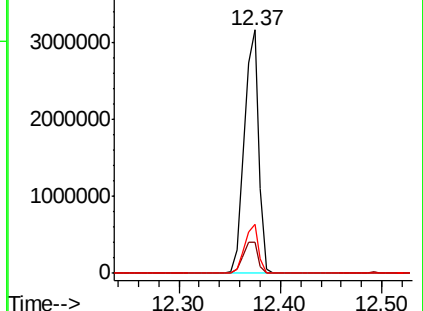
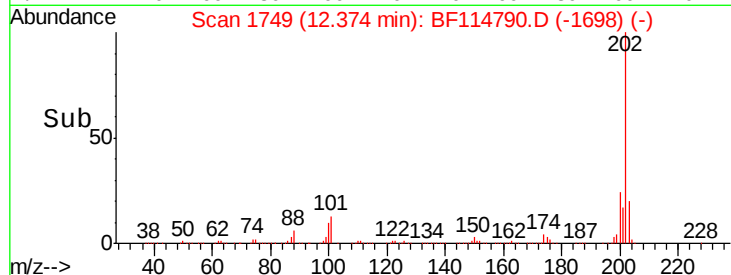
203 20.2 0.2 40.2



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: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

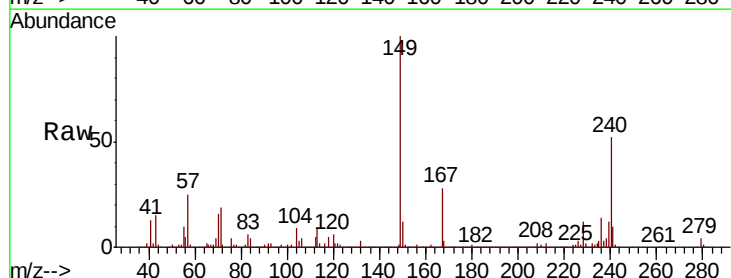
Tgt Ion:240 Resp: 902021

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

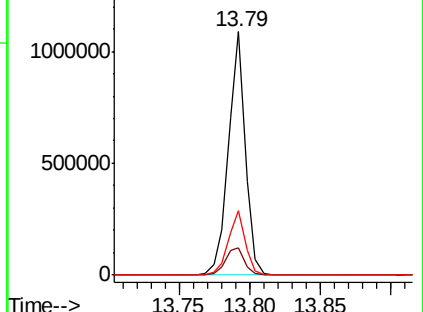
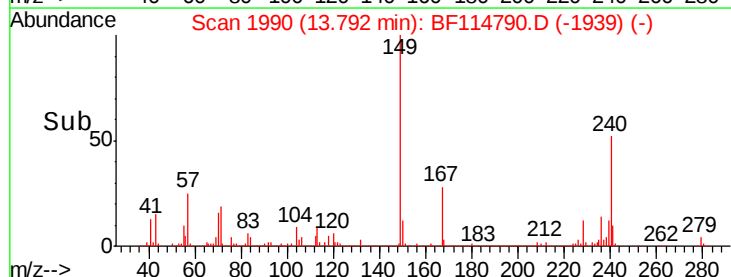
236 26.7 21.4 32.0

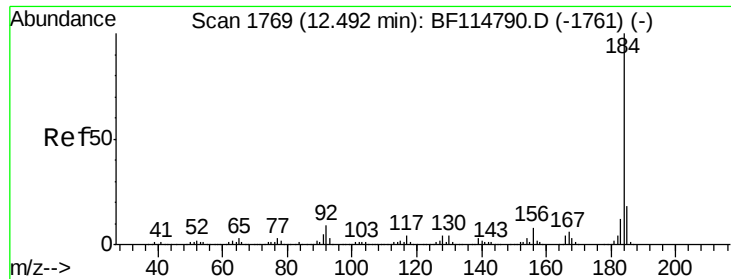


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.215 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

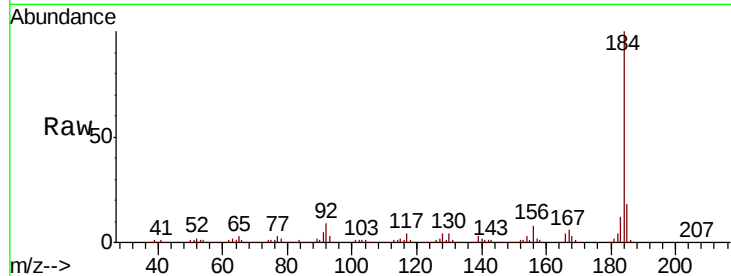
Tot Ion:184 Resp: 1826406

Ion	Ratio	Lower	Upper
184	100		
185	17.6	14.1	21.1
183	12.4	9.9	14.9

184 100

185 17.6 14.1 21.1

183 12.4 9.9 14.9

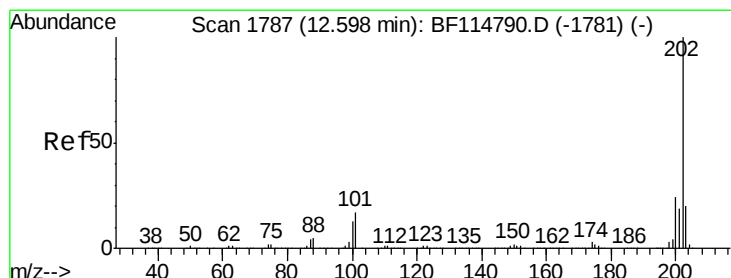
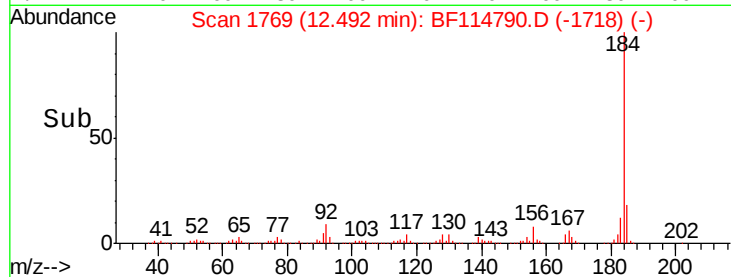
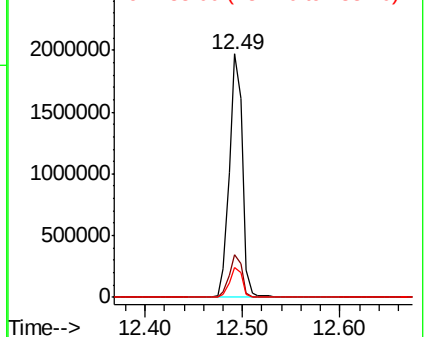


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.740 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

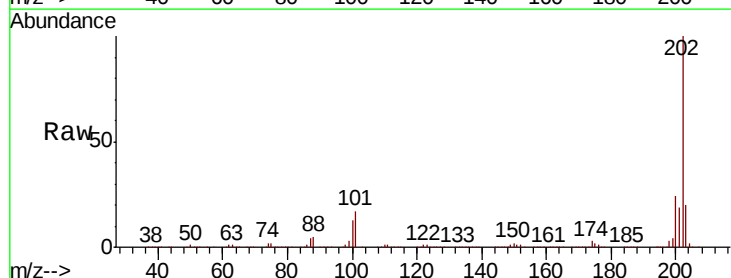
Tgt Ion:202 Resp: 3217491

Ion	Ratio	Lower	Upper
202	100		
200	24.0	19.2	28.8
203	19.9	15.9	23.9

202 100

200 24.0 19.2 28.8

203 19.9 15.9 23.9

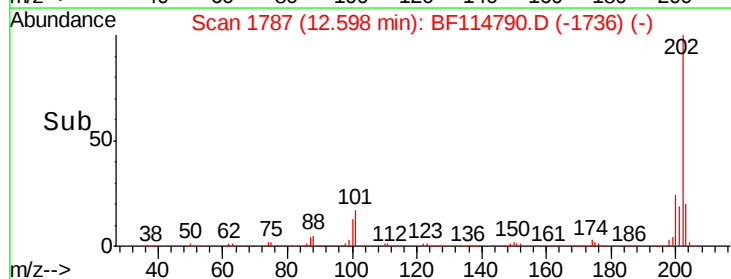
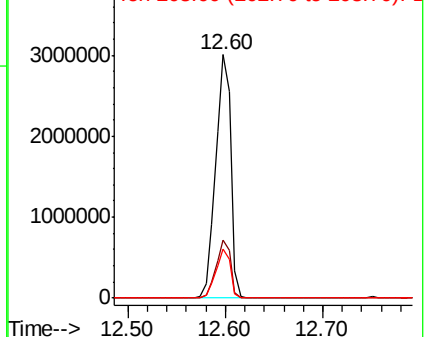


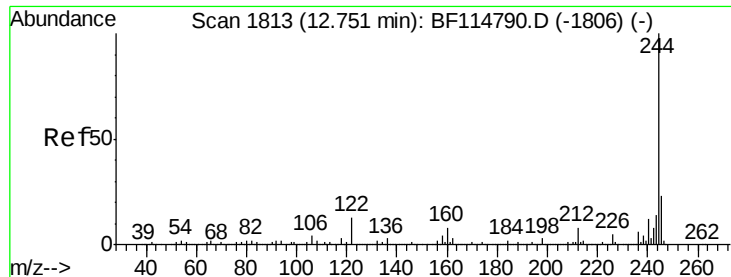
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



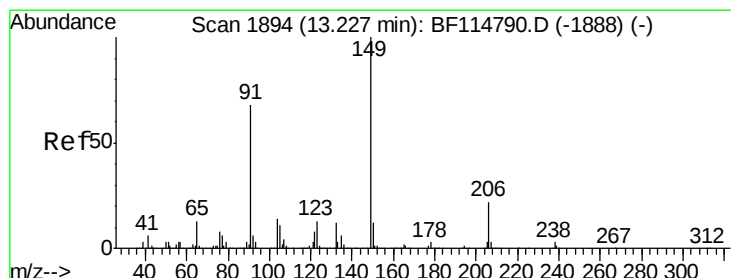
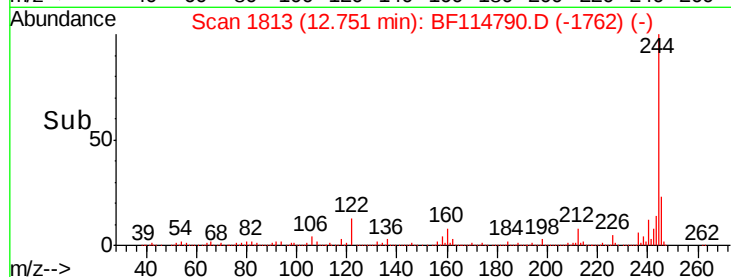
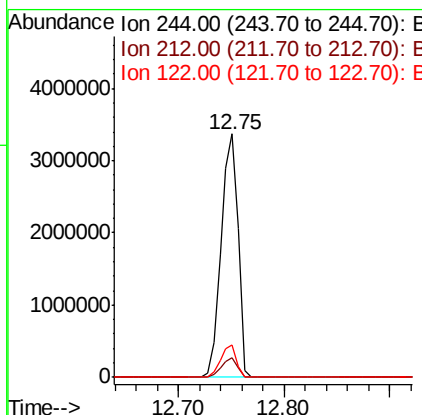
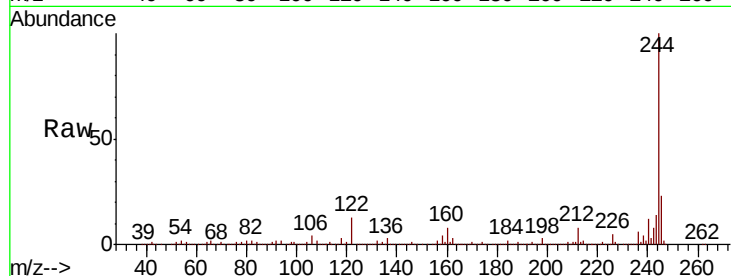


#79
 Terphenyl-d14
 Concen: 77.741 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3778380

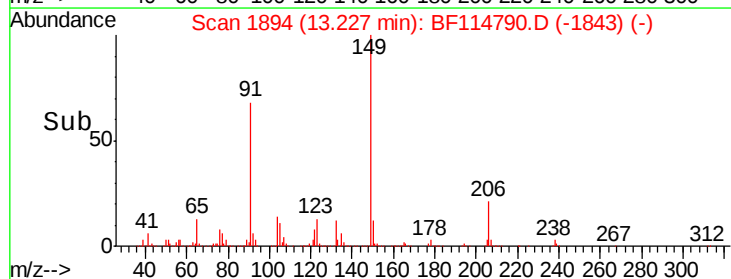
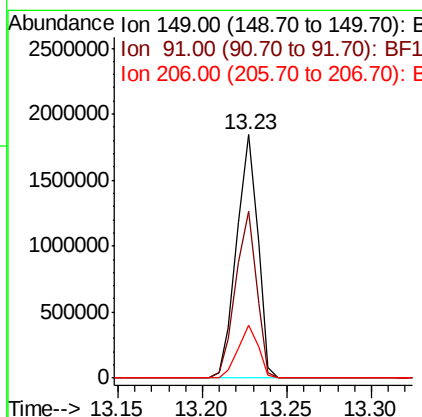
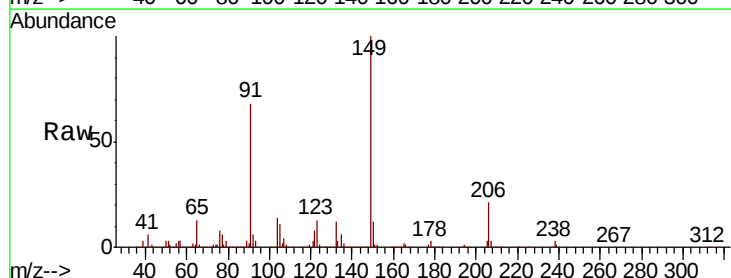
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	13.1	10.5	15.7

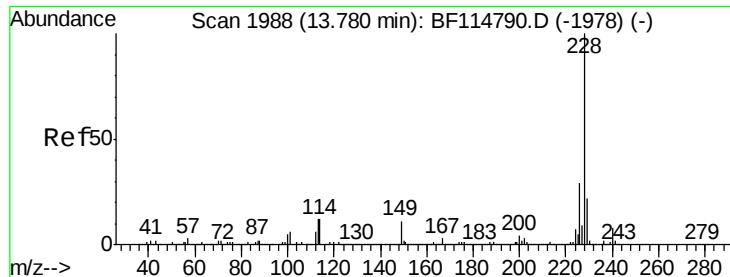


#80
 Butylbenzylphthalate
 Concen: 41.523 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BF114790.D
 Acq: 4 Jun 2019 12:21

Tgt Ion:149 Resp: 1607039

Ion	Ratio	Lower	Upper
149	100		
91	68.3	54.6	82.0
206	21.5	17.2	25.8





#81

Benzo(a)anthracene

Concen: 42.100 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

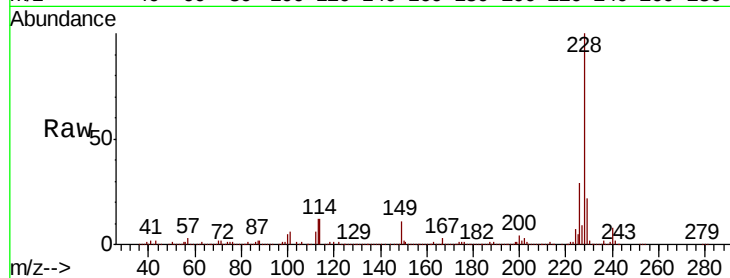
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2834647

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	21.7	17.4	26.0

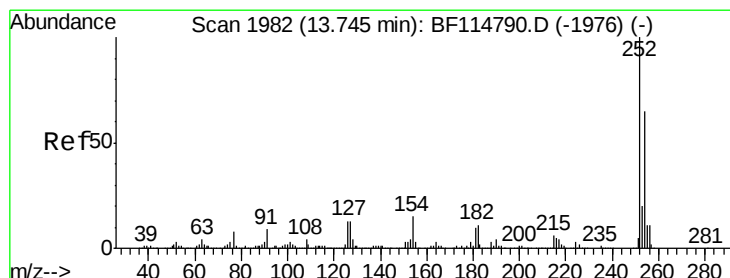
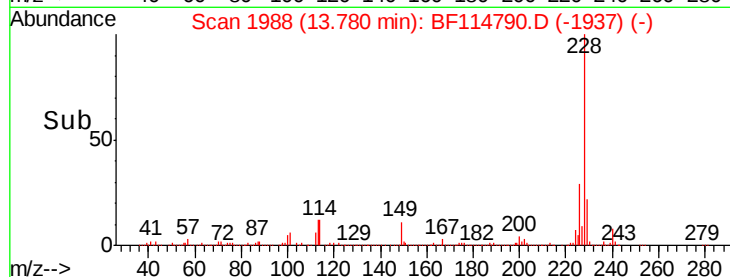
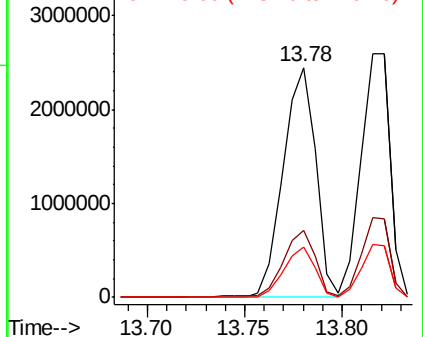


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.207 ng

RT: 13.74 min Scan# 1982

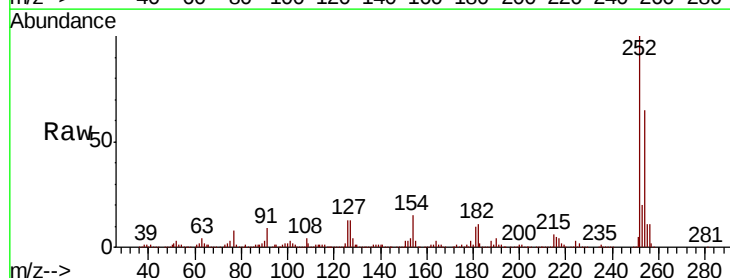
Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Tgt Ion:252 Resp: 1153863

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	13.1	10.5	15.7

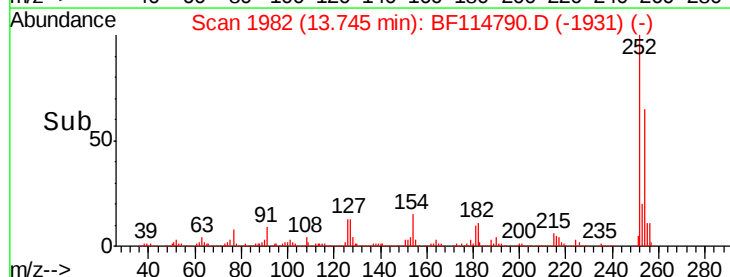
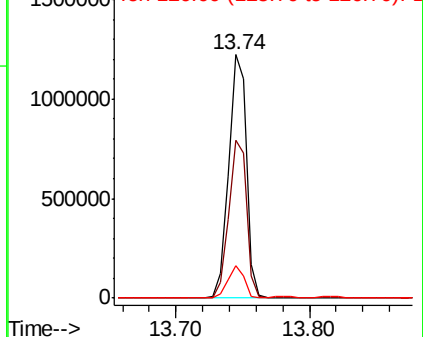


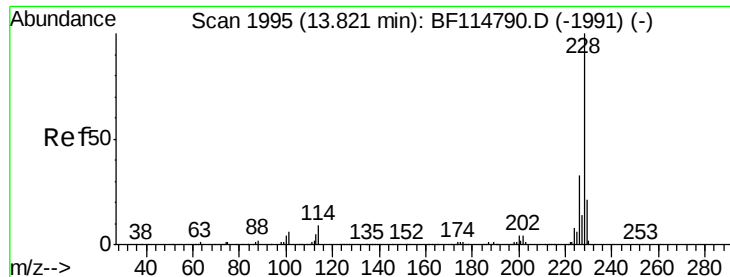
Abundance

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: 41.536 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

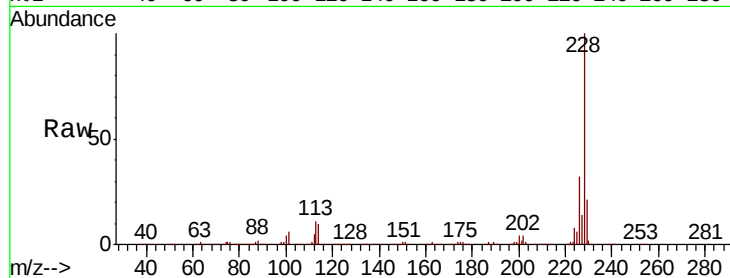
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2697201

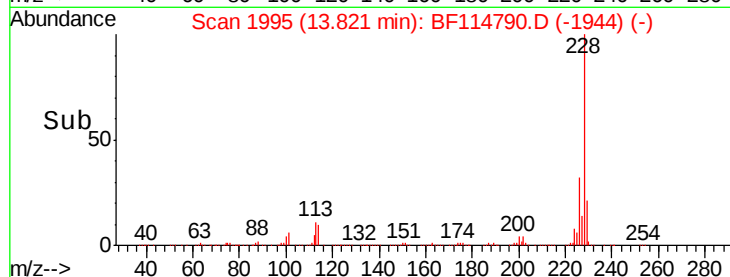
Ion	Ratio	Lower	Upper
228	100		
226	32.5	26.0	39.0
229	21.4	17.1	25.7



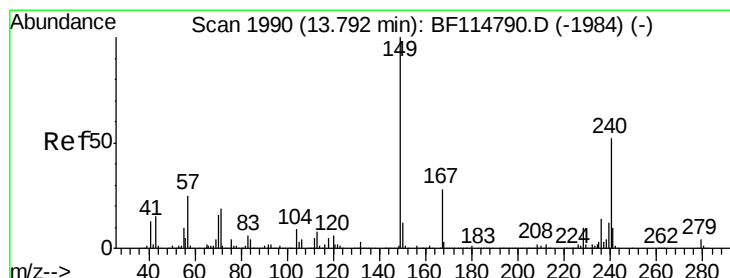
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.269 ng

RT: 13.79 min Scan# 1990

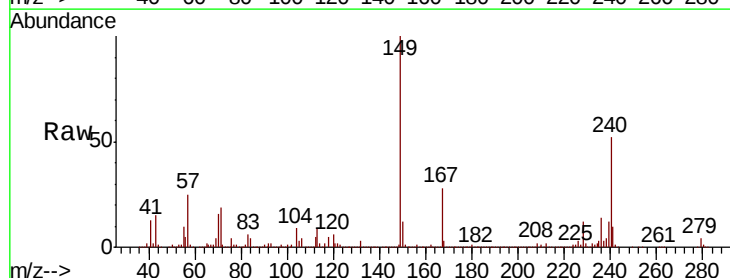
Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Tgt Ion:149 Resp: 2098481

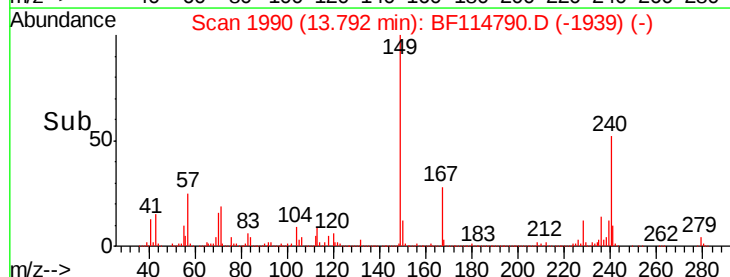
Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.7	34.1
279	3.9	3.1	4.7



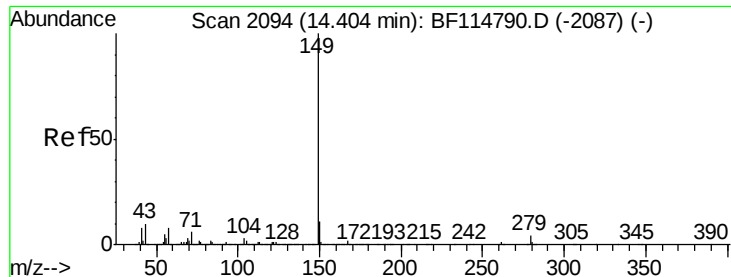
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 42.418 ng

RT: 14.40 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

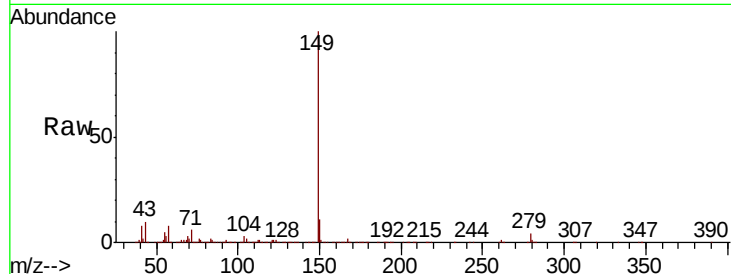
Tot Ion:149 Resp: 3494405

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

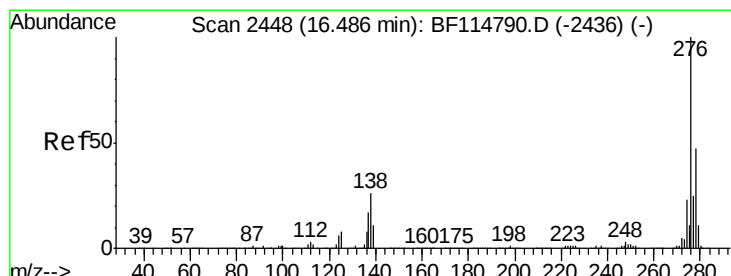
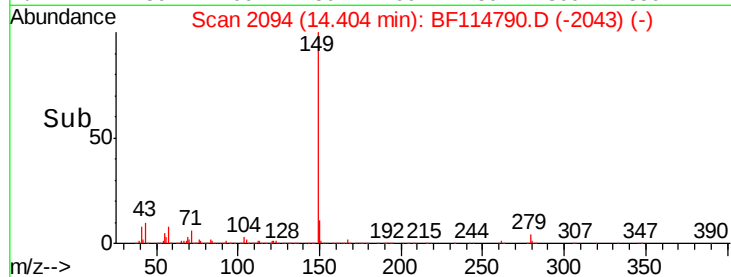
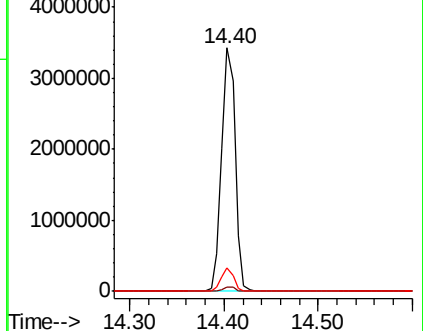
43 8.8 7.0 10.6



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: 38.918 ng

RT: 16.49 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

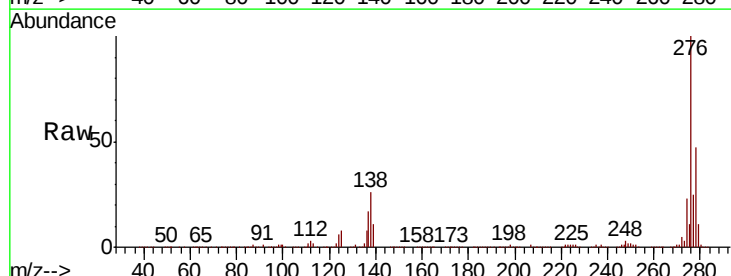
Tgt Ion:276 Resp: 2970391

Ion Ratio Lower Upper

276 100

138 27.8 22.2 33.4

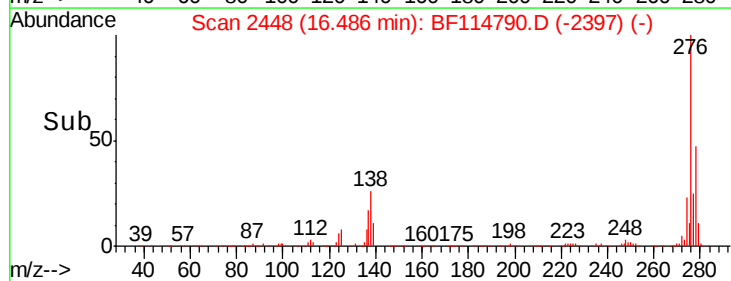
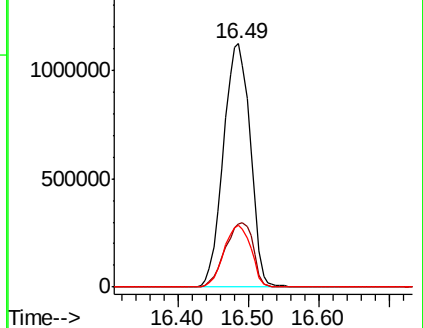
277 25.7 20.6 30.8

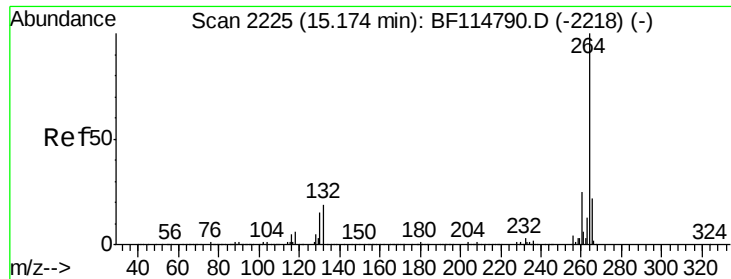


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

Instrument :

BNA_F

ClientSampleId :

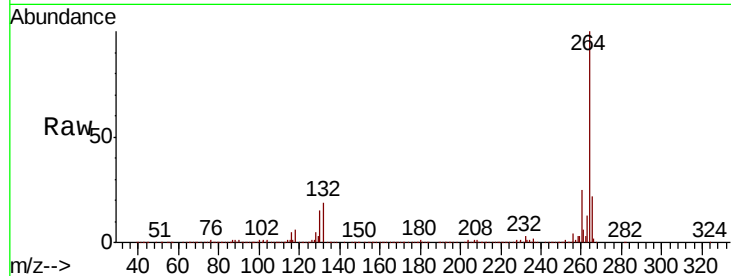
Tot Ion:264 Resp: 1127724

Ion Ratio Lower Upper

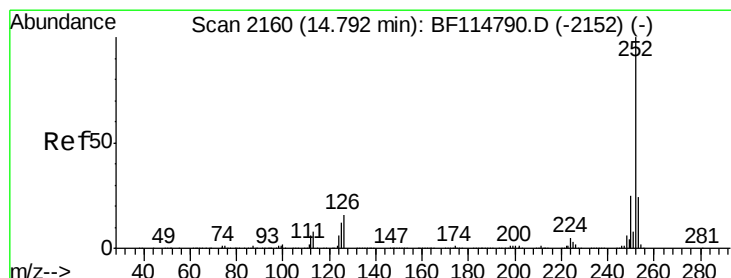
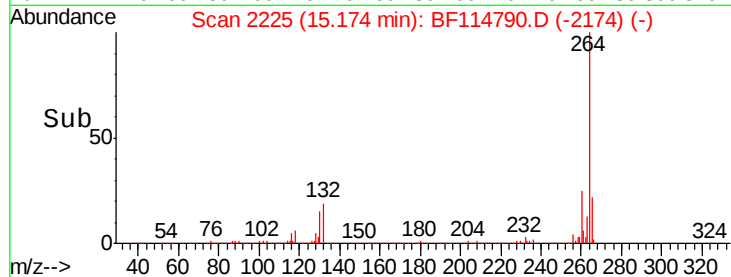
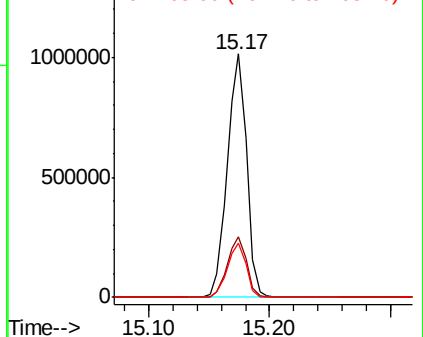
264 100

260 25.1 20.1 30.1

265 22.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.315 ng

RT: 14.79 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BF114790.D

Acq: 4 Jun 2019 12:21

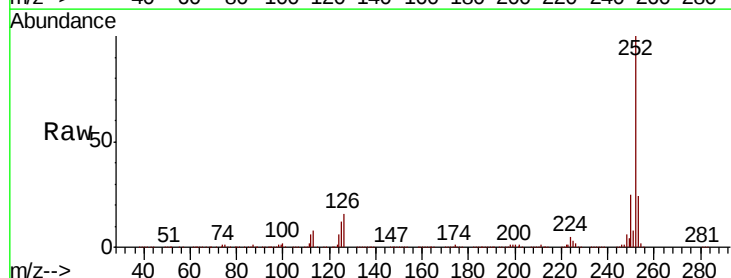
Tgt Ion:252 Resp: 2760337

Ion Ratio Lower Upper

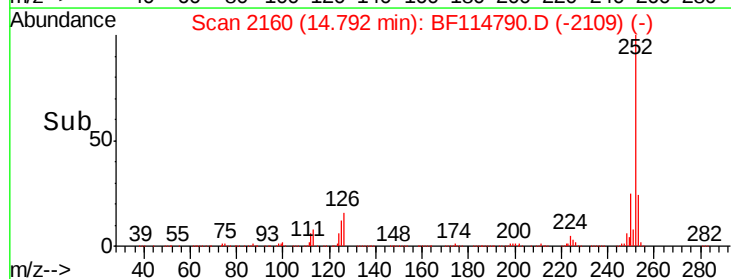
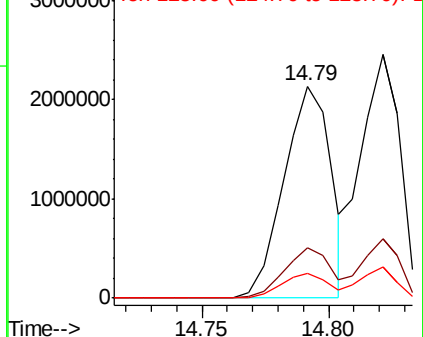
252 100

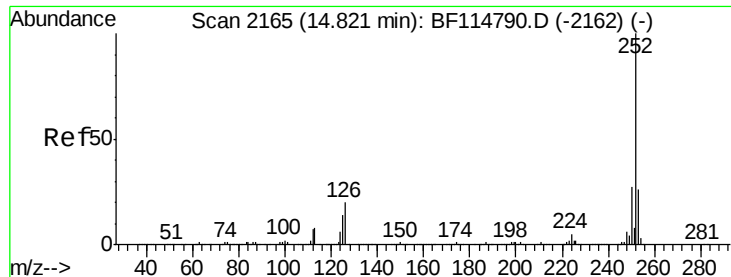
253 23.8 19.0 28.6

125 11.7 9.4 14.0



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

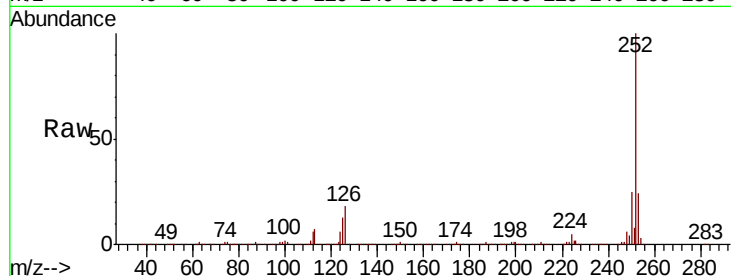




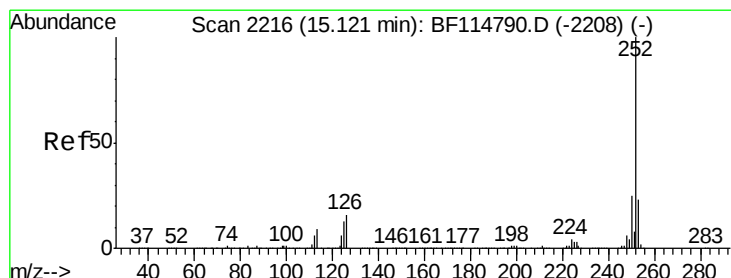
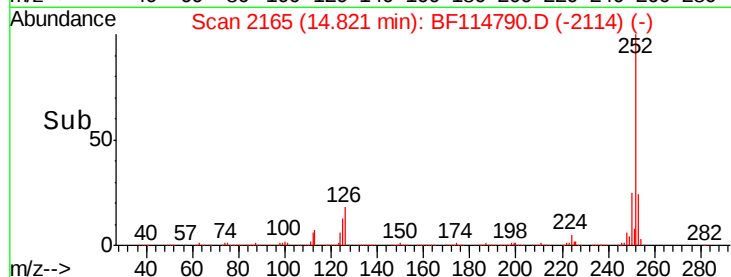
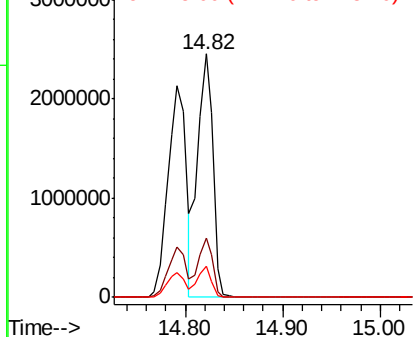
#89
Benzo(k)fluoranthene
Concen: 46.214 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2651290
Ion Ratio Lower Upper
252 100
253 24.1 19.3 28.9
125 12.6 10.1 15.1

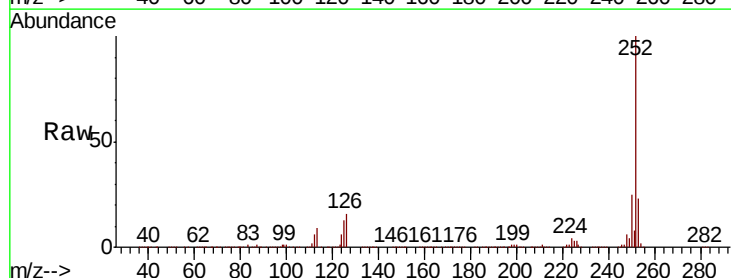


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

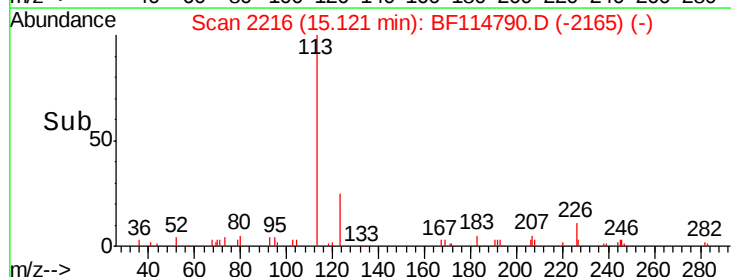
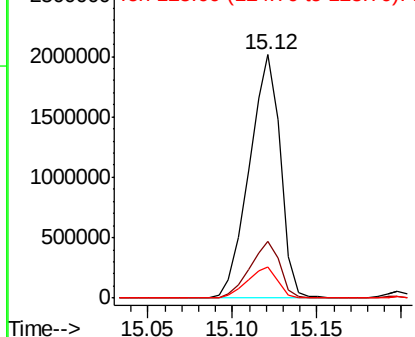


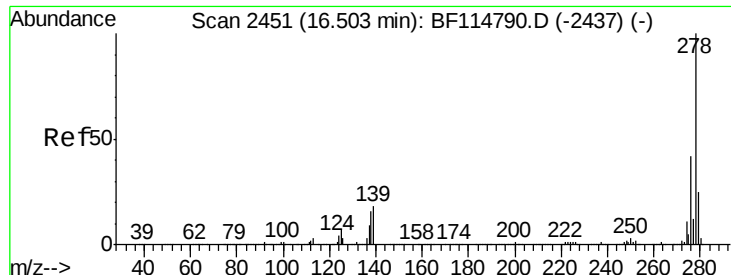
#90
Benzo(a)pyrene
Concen: 42.722 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:252 Resp: 2574664
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 12.6 10.1 15.1



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

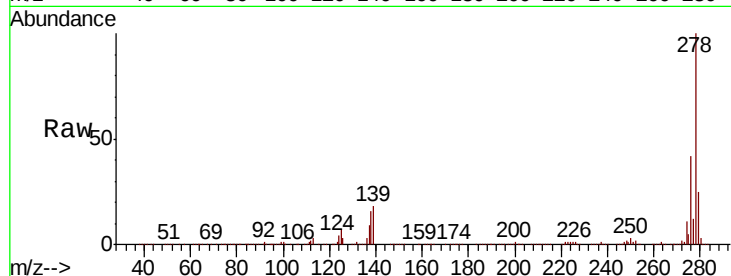




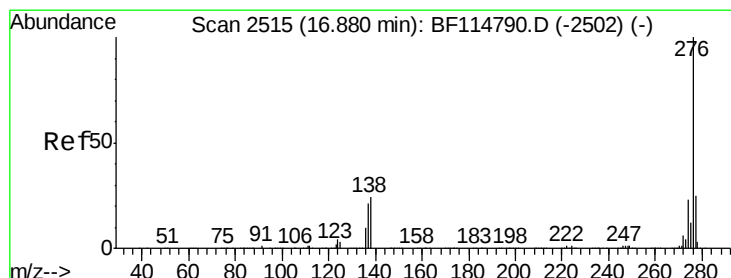
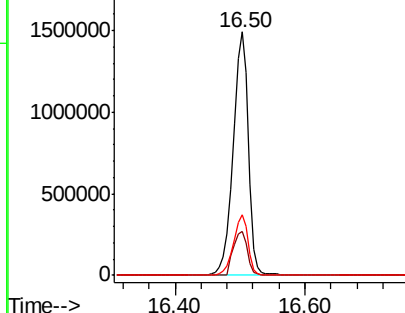
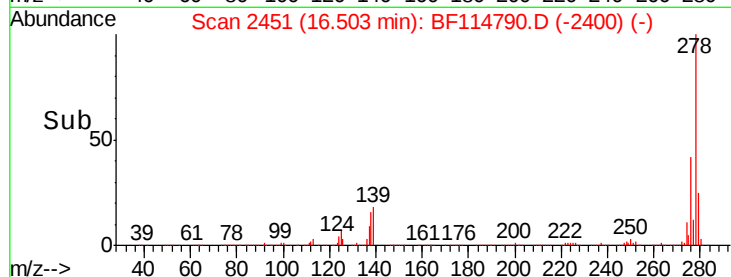
#91
Dibenzo(a,h)anthracene
Concen: 42.214 ng
RT: 16.50 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 2414739
Ion Ratio Lower Upper
278 100
139 18.3 14.6 22.0
279 25.1 20.1 30.1

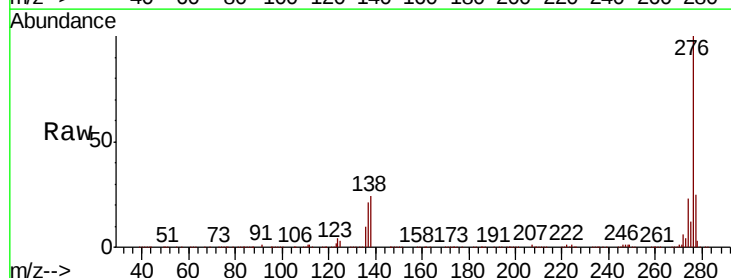


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.347 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.00 min
Lab File: BF114790.D
Acq: 4 Jun 2019 12:21

Tgt Ion:276 Resp: 2391477
Ion Ratio Lower Upper
276 100
277 24.7 19.8 29.6
138 24.3 19.4 29.2



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

