

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
 Data File : BF113229.D
 Acq On : 22 Mar 2019 12:36
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 22 16:10:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 22 16:06:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	211246	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	844205	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	420514	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	824020	20.00	ng	0.00
76) Chrysene-d12	13.87	240	648868	20.00	ng	0.00
87) Perylene-d12	15.27	264	589490	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1009251	74.32	ng	0.00
7) Phenol-d6	6.37	99	1297845	76.08	ng	0.00
23) Nitrobenzene-d5	7.29	82	1225381	86.86	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	426513	95.54	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	2112107	82.60	ng	0.00
79) Terphenyl-d14	12.82	244	2198089	65.67	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	247592	36.371	ng	100
3) Pyridine	3.09	79	646374	35.492	ng	100
4) n-Nitrosodimethylamine	3.05	42	288352	36.194	ng	100
6) Aniline	6.38	93	802646	34.182	ng	100
8) 2-Chlorophenol	6.51	128	603935	39.950	ng	100
9) Benzaldehyde	6.26	77	438543	35.678	ng	100
10) Phenol	6.39	94	732278	36.786	ng	100
11) bis(2-Chloroethyl)ether	6.46	93	586963	38.415	ng	100
12) 1,3-Dichlorobenzene	6.66	146	648183	41.507	ng	100
13) 1,4-Dichlorobenzene	6.73	146	653311	41.716	ng	100
14) 1,2-Dichlorobenzene	6.89	146	591678	41.213	ng	100
15) Benzyl Alcohol	6.87	79	487611	37.485	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	906413	35.547	ng	100
17) 2-Methylphenol	6.99	107	479441	39.094	ng	100
18) Hexachloroethane	7.23	117	240252	40.048	ng	100
19) n-Nitroso-di-n-propylamine	7.15	70	405393	37.522	ng	100
20) 3+4-Methylphenols	7.15	107	566647	40.926	ng	100
22) Acetophenone	7.13	105	835972	42.350	ng	100
24) Nitrobenzene	7.30	77	633077	40.317	ng	100
25) Isophorone	7.55	82	1173965	38.625	ng	100
26) 2-Nitrophenol	7.62	139	341698	52.275	ng	100
27) 2,4-Dimethylphenol	7.67	122	478213	39.325	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	745037	39.207	ng	100
29) 2,4-Dichlorophenol	7.87	162	522610	44.316	ng	100
30) 1,2,4-Trichlorobenzene	7.95	180	558059	44.041	ng	100
31) Naphthalene	8.03	128	1699627	40.551	ng	100
32) Benzoic acid	7.82	122	384005	45.054	ng	100
33) 4-Chloroaniline	8.07	127	726473	40.923	ng	100
34) Hexachlorobutadiene	8.15	225	338347	47.347	ng	100
35) Caprolactam	8.46	113	169200	40.737	ng	100
36) 4-Chloro-3-methylphenol	8.57	107	540934	41.448	ng	100
37) 2-Methylnaphthalene	8.72	142	1109495	40.991	ng	100
38) 1-Methylnaphthalene	8.82	142	1070095	40.813	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	549668	44.825	ng	100

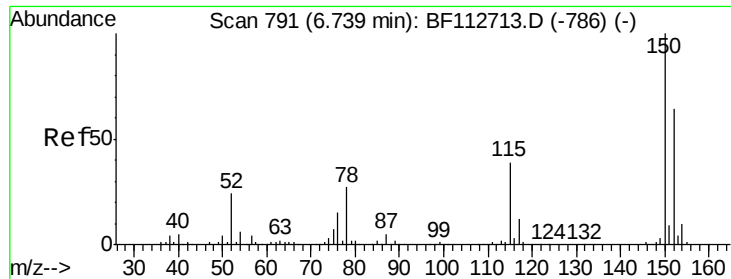
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	256932	38.262	ng	100
43) 2,4,6-Trichlorophenol	9.00	196	363170	43.032	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	389074	42.652	ng	100
46) 1,1'-Biphenyl	9.18	154	1389383	40.507	ng	100
47) 2-Chloronaphthalene	9.20	162	1071657	40.014	ng	100
48) 2-Nitroaniline	9.30	65	346054	42.510	ng	100
49) Acenaphthylene	9.62	152	1737300	38.210	ng	100
50) Dimethylphthalate	9.49	163	1280002	41.281	ng	100
51) 2,6-Dinitrotoluene	9.55	165	287104	44.465	ng	100
52) Acenaphthene	9.79	154	983255	36.980	ng	100
53) 3-Nitroaniline	9.72	138	336953	42.827	ng	100
54) 2,4-Dinitrophenol	9.82	184	140913	55.503	ng	100
55) Dibenzofuran	9.96	168	1468857	38.010	ng	100
56) 4-Nitrophenol	9.89	139	242645	37.947	ng	100
57) 2,4-Dinitrotoluene	9.95	165	362082	45.114	ng	100
58) Fluorene	10.30	166	1111109	40.511	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	334255	43.981	ng	100
60) Diethylphthalate	10.18	149	1222120	37.319	ng	100
61) 4-Chlorophenyl-phenylether	10.29	204	563167	44.131	ng	100
62) 4-Nitroaniline	10.33	138	339565	46.706	ng	100
63) Azobenzene	10.46	77	1173867	34.996	ng	100
65) 4,6-Dinitro-2-methylphenol	10.36	198	190453	55.458	ng	100
66) n-Nitrosodiphenylamine	10.42	169	1035765	39.193	ng	100
67) 4-Bromophenyl-phenylether	10.78	248	382271	44.044	ng	100
68) Hexachlorobenzene	10.86	284	439407	44.911	ng	100
69) Atrazine	10.95	200	281227	34.746	ng	100
70) Pentachlorophenol	11.05	266	236964	41.150	ng	100
71) Phenanthrene	11.26	178	1629324	39.741	ng	100
72) Anthracene	11.32	178	1665947	38.818	ng	100
73) Carbazole	11.47	167	1616357	38.609	ng	100
74) Di-n-butylphthalate	11.80	149	1881292	37.477	ng	100
75) Fluoranthene	12.45	202	1795680	40.881	ng	100
77) Benzidine	12.56	184	743841	22.096	ng	100
78) Pyrene	12.67	202	1834654	33.540	ng	100
80) Butylbenzylphthalate	13.29	149	827380	34.267	ng	100
81) Benzo(a)anthracene	13.86	228	1501821	33.395	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	638392	37.534	ng	100
83) Chrysene	13.90	228	1568221	35.601	ng	100
84) Bis(2-ethylhexyl)phthalate	13.85	149	1042578	36.813	ng	100
85) Di-n-octyl phthalate	14.46	149	1848140	38.003	ng	100
86) Indeno(1,2,3-cd)pyrene	16.65	276	1329919	35.413	ng	100
88) Benzo(b)fluoranthene	14.88	252	1478207	38.768	ng	100
89) Benzo(k)fluoranthene	14.91	252	1348440	39.042	ng	100
90) Benzo(a)pyrene	15.22	252	1315898	39.017	ng	100
91) Dibenzo(a,h)anthracene	16.66	278	1097142	38.122	ng	100
92) Benzo(g,h,i)perylene	17.06	276	1097962	37.994	ng	100

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

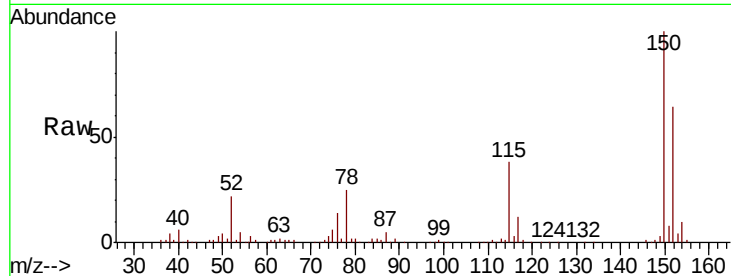


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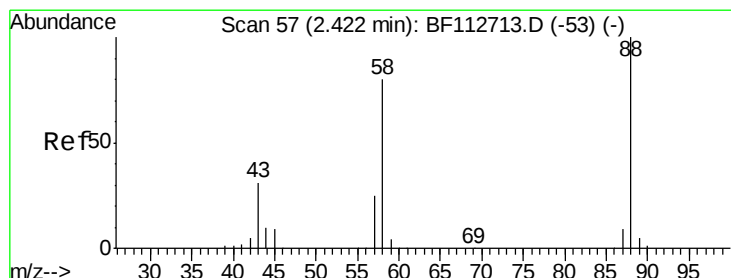
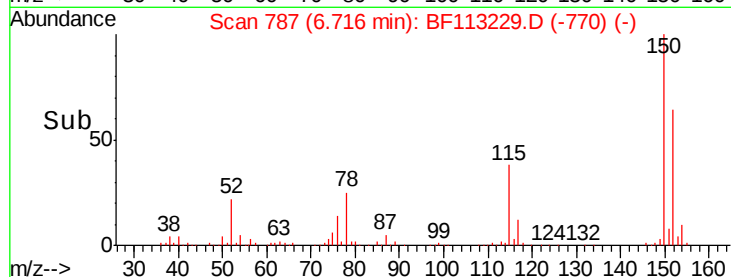
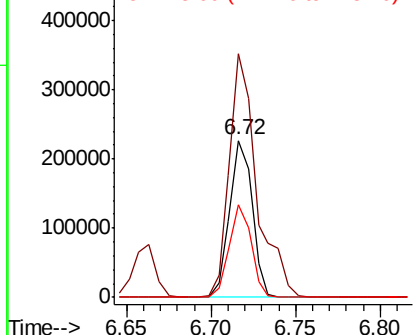
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 211246
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.2 186.2
 115 59.2 47.4 71.0



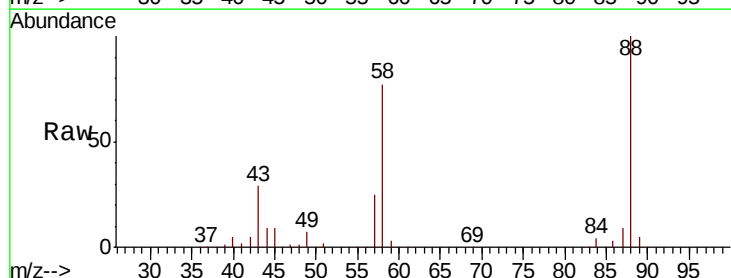
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



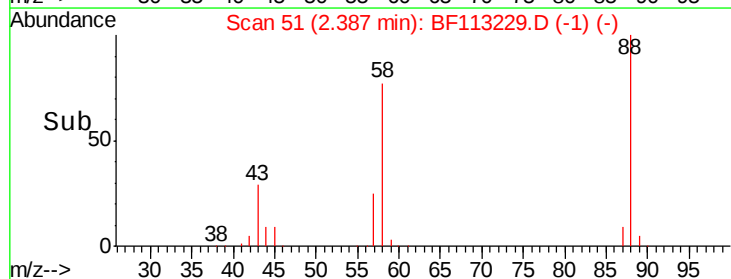
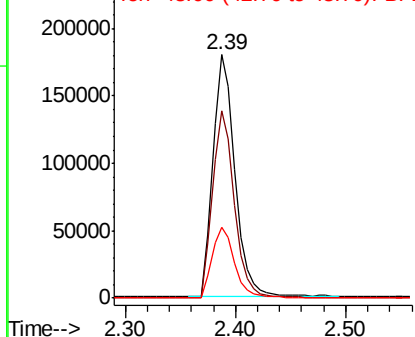
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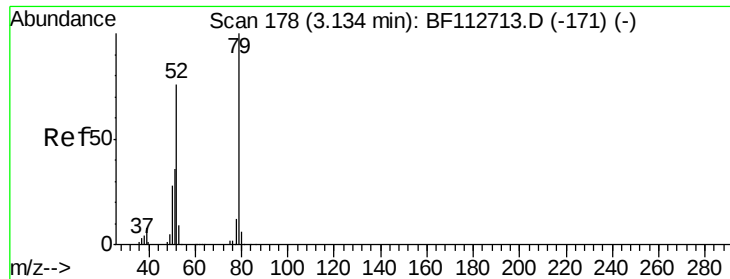
1,4-Dioxane
 Concen: 36.371 ng
 RT: 2.39 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Tgt Ion: 88 Resp: 247592
 Ion Ratio Lower Upper
 88 100
 58 76.5 61.2 91.8
 43 30.1 24.1 36.1



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: 35.492 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

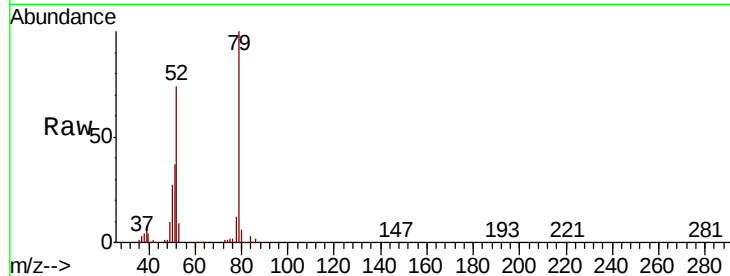
Tot Ion: 79 Resp: 646374

Ion Ratio Lower Upper

79 100

52 74.2 59.4 89.0

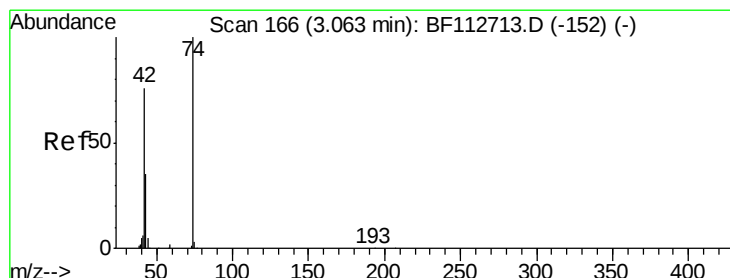
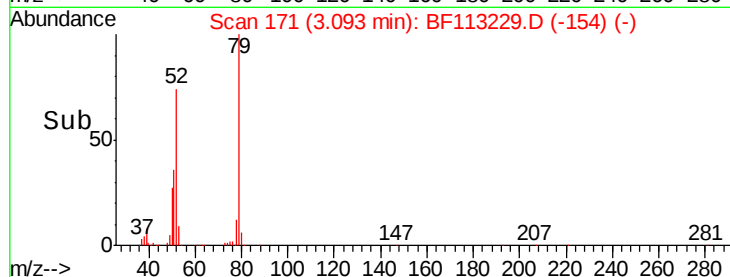
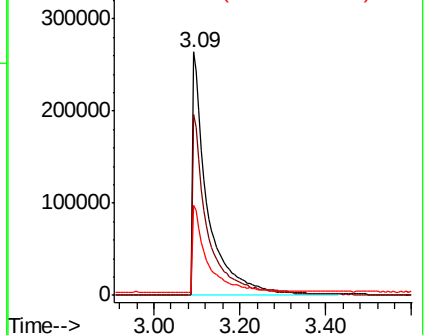
51 37.2 29.8 44.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.194 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

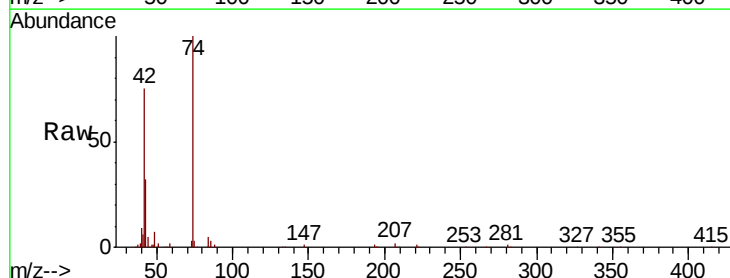
Tgt Ion: 42 Resp: 288352

Ion Ratio Lower Upper

42 100

74 134.2 107.4 161.0

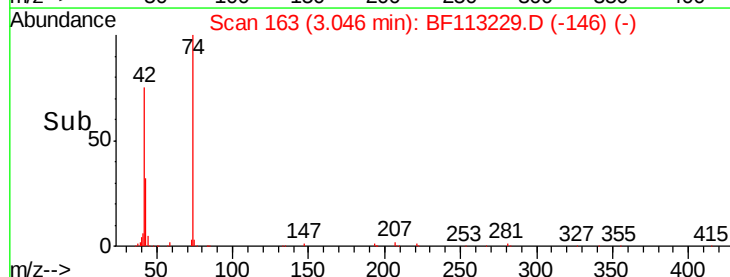
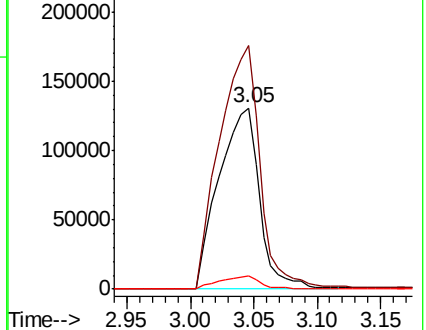
44 7.0 5.6 8.4

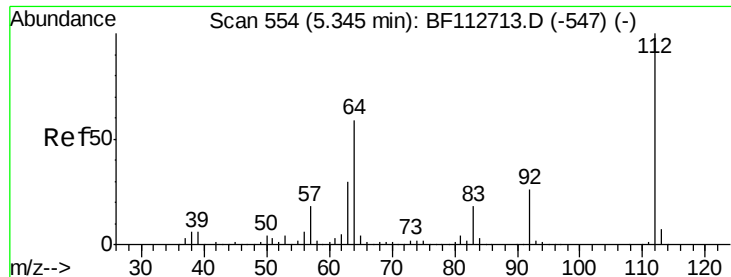


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.318 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

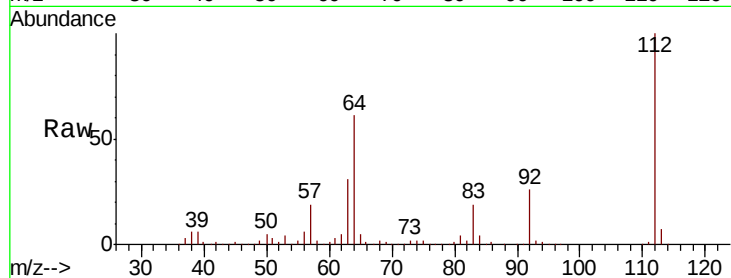
Tot Ion:112 Resp: 1009251

Ion Ratio Lower Upper

112 100

64 60.9 48.7 73.1

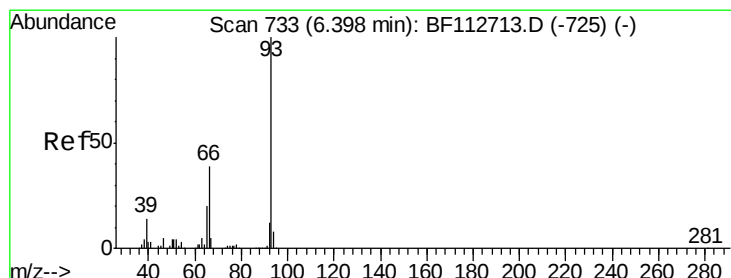
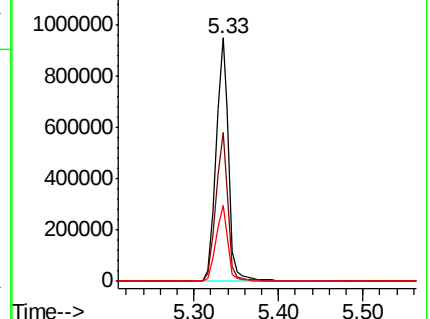
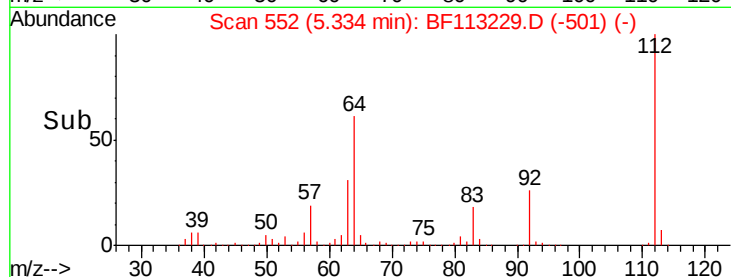
63 31.1 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.182 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

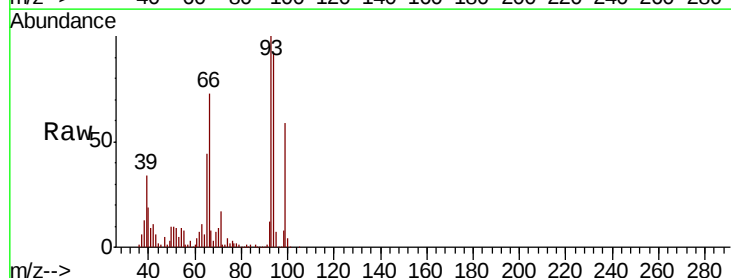
Tgt Ion: 93 Resp: 802646

Ion Ratio Lower Upper

93 100

66 73.0 58.4 87.6

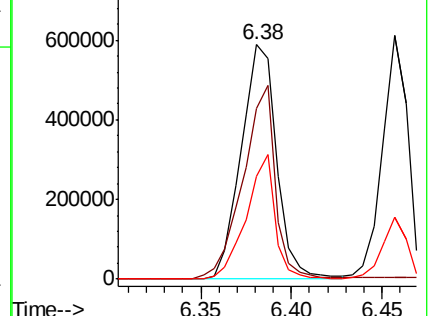
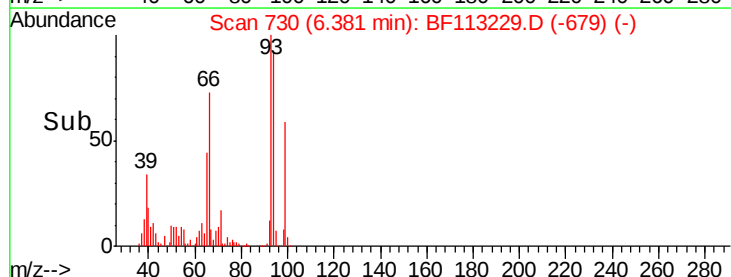
65 43.9 35.1 52.7

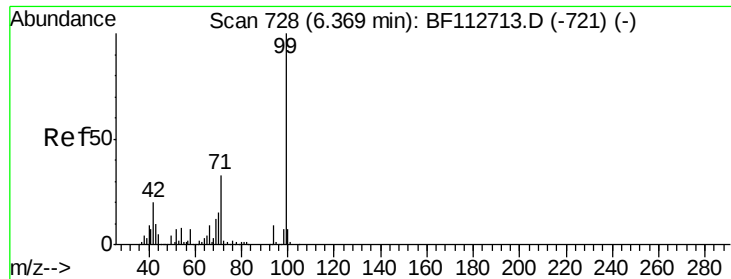


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.080 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

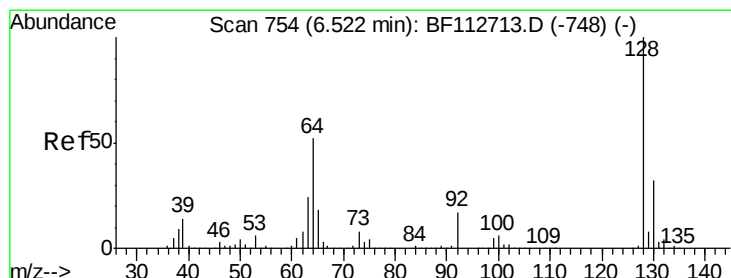
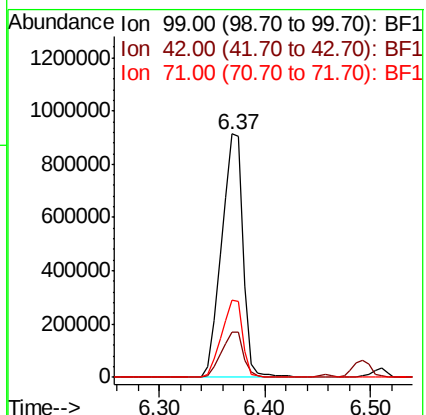
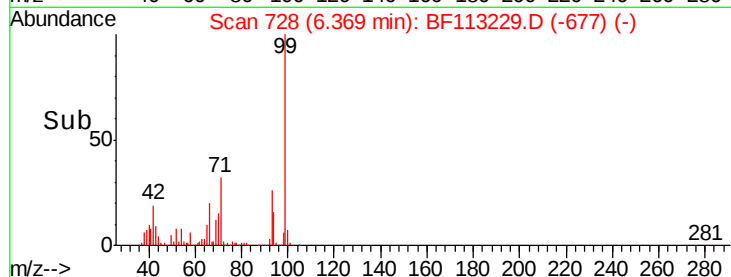
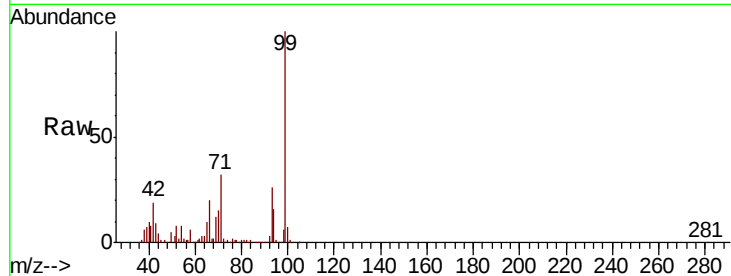
Tot Ion: 99 Resp: 1297845

Ion Ratio Lower Upper

99 100

42 18.8 15.0 22.6

71 31.7 25.4 38.0



#8

2-Chlorophenol

Concen: 39.950 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

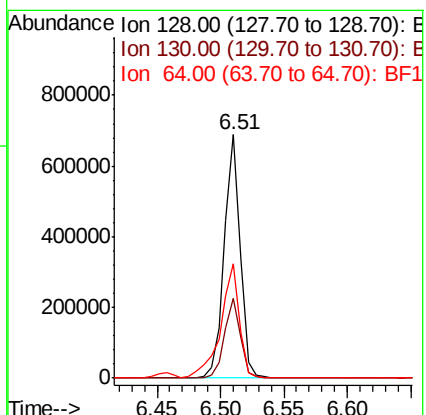
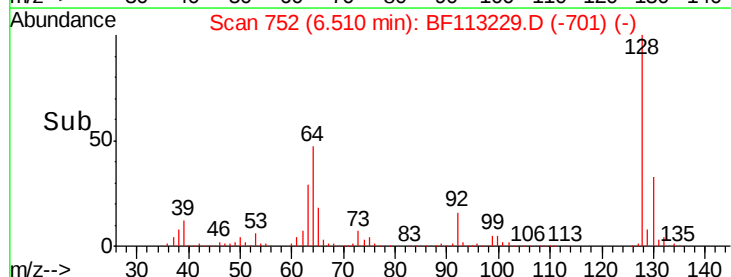
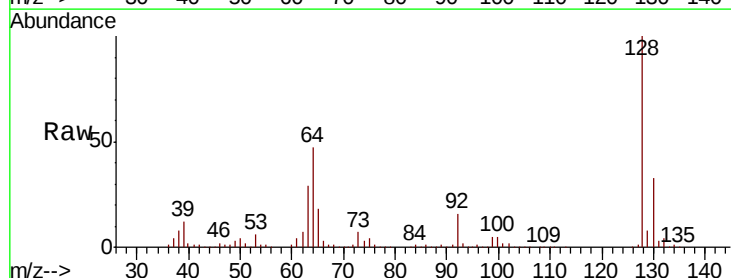
Tgt Ion: 128 Resp: 603935

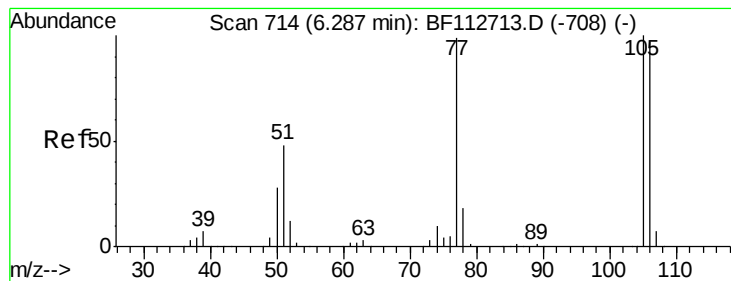
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 47.2 27.2 67.2





#9

Benzaldehyde

Concen: 35.678 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampled :

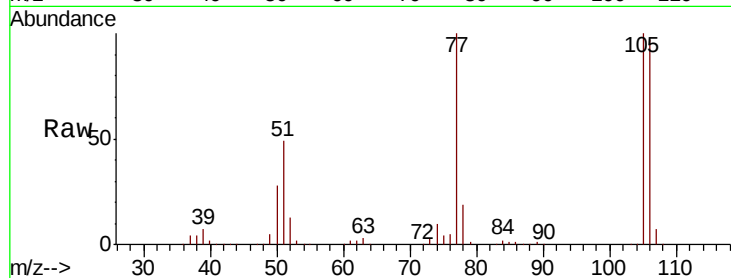
Tot Ion: 77 Resp: 438543

Ion Ratio Lower Upper

77 100

105 99.6 79.6 119.6

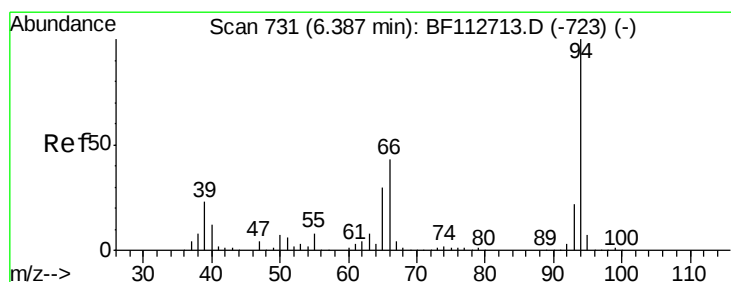
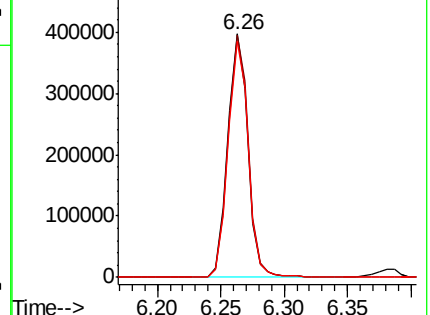
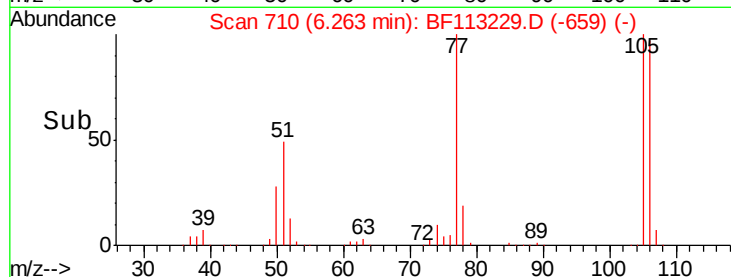
106 96.8 76.8 116.8



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: 36.786 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

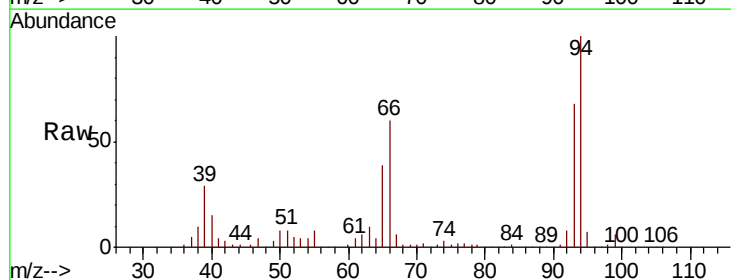
Tgt Ion: 94 Resp: 732278

Ion Ratio Lower Upper

94 100

65 38.7 18.7 58.7

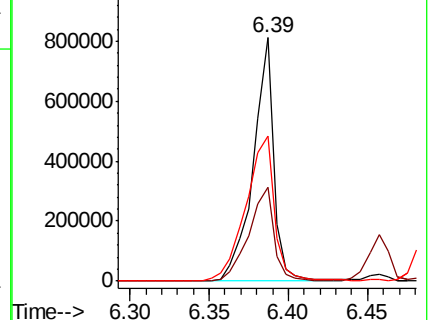
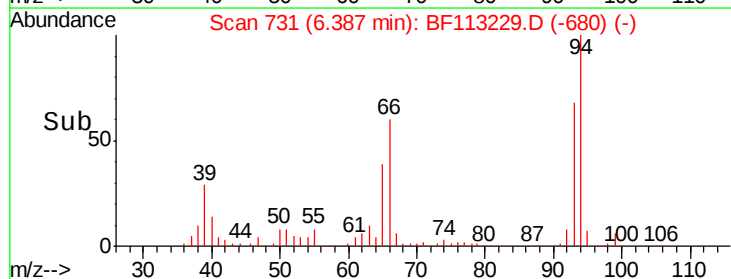
66 59.7 39.7 79.7



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

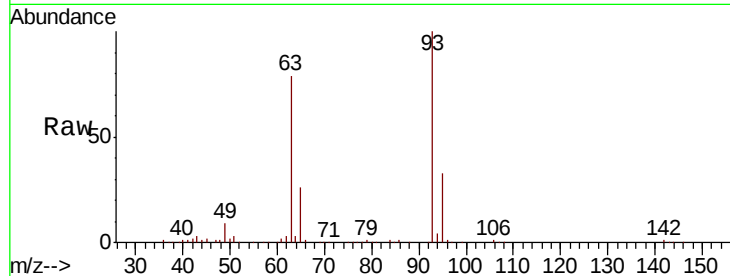




#11
bis(2-Chloroethyl)ether
Concen: 38.415 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.6	58.6	98.6
95	33.2	13.2	53.2

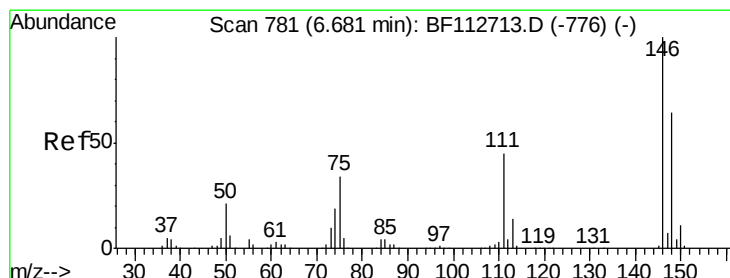
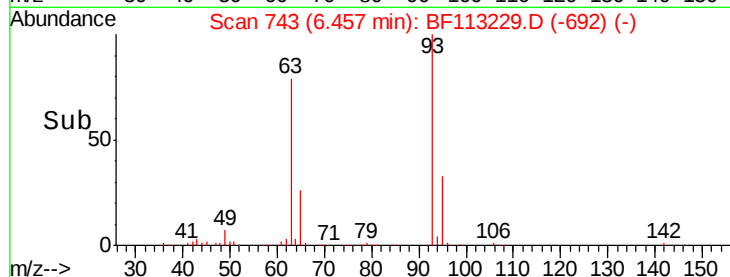
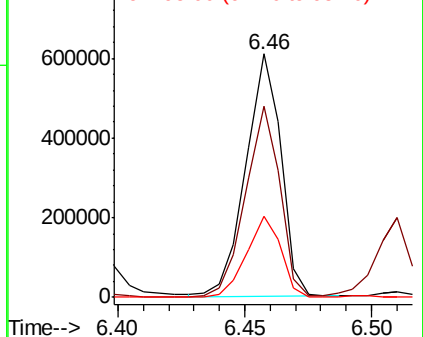


Abundance

Ion 93.00 (92.70 to 93.70): BF1

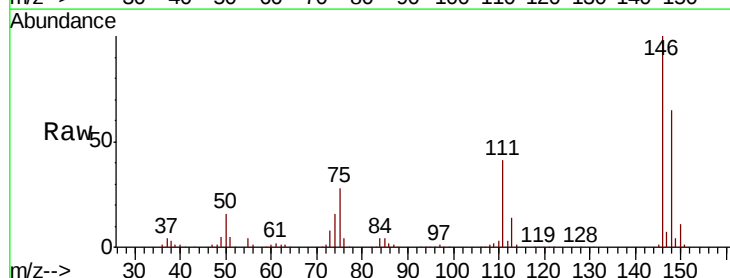
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 41.507 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
75	28.2	22.6	33.8

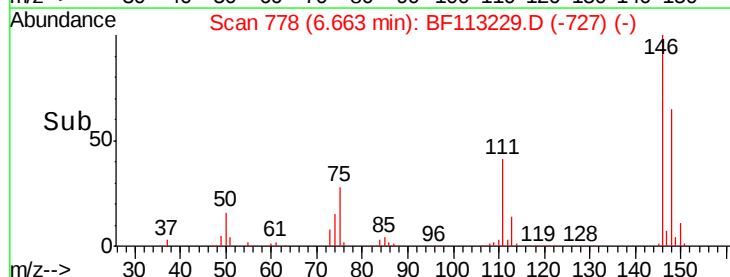
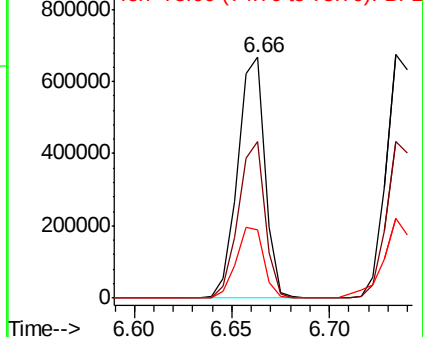


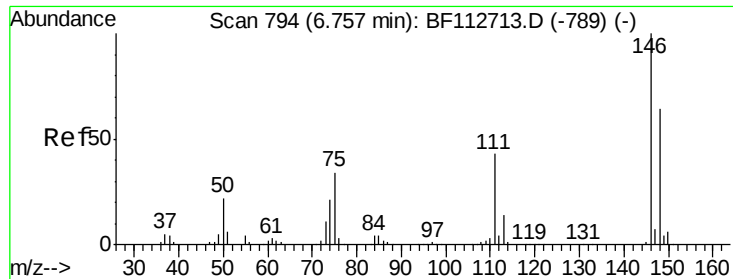
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

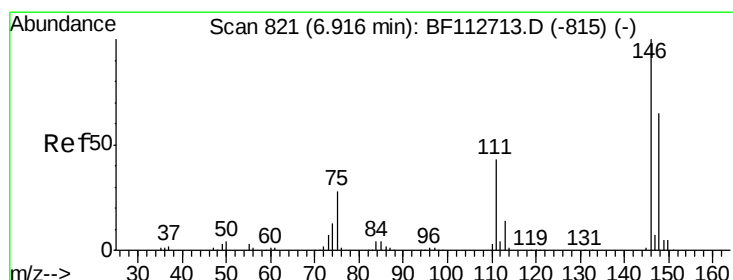
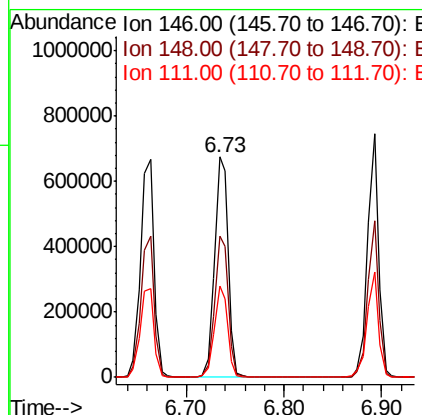
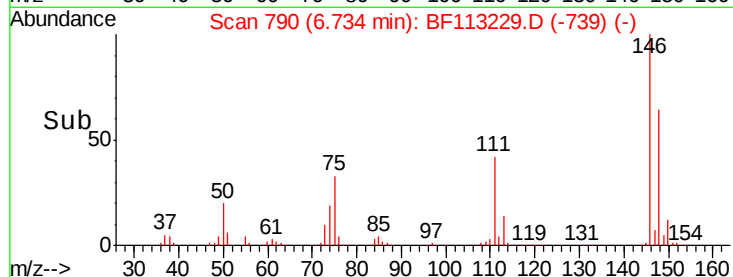
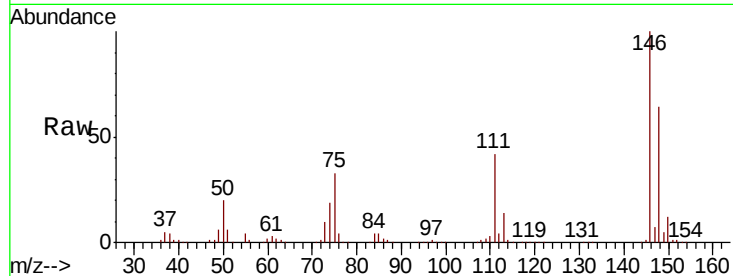




#13
 1,4-Dichlorobenzene
 Concen: 41.716 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

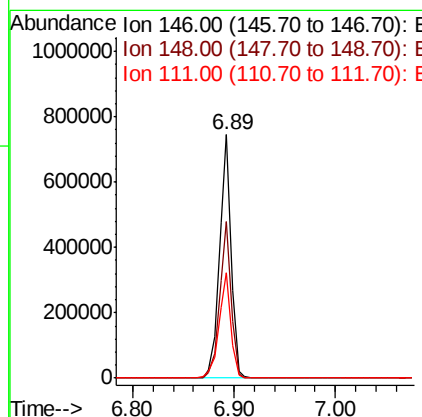
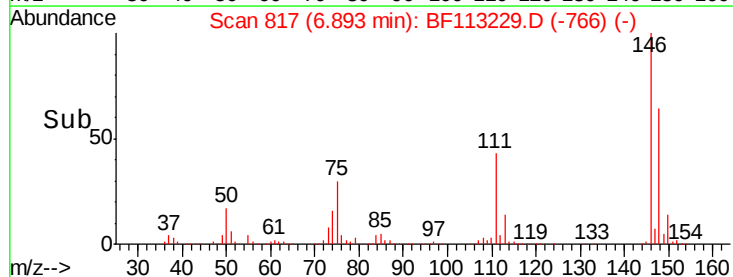
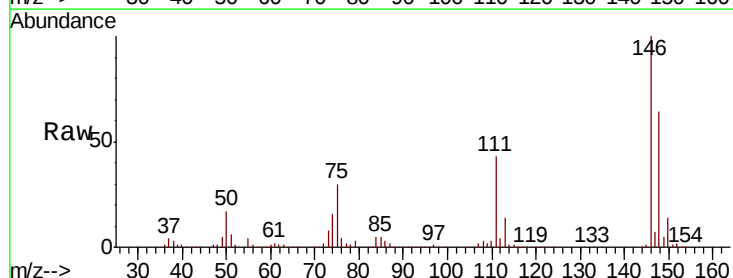
Instrument :
 BNA_F
 ClientSampleId :

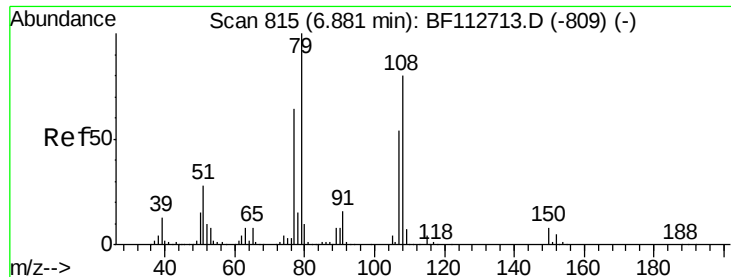
Tot Ion:146 Resp: 653311
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.0
 111 41.5 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 41.213 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Tgt Ion:146 Resp: 591678
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 43.0 34.4 51.6





#15

Benzyl Alcohol

Concen: 37.485 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampled :

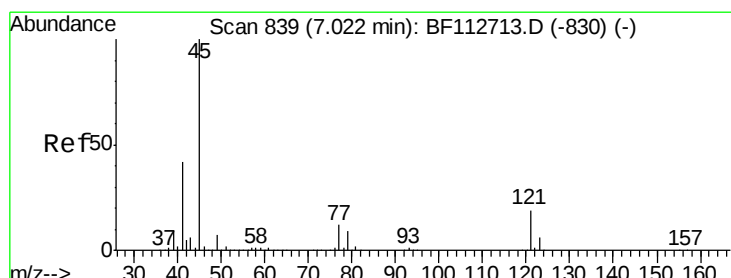
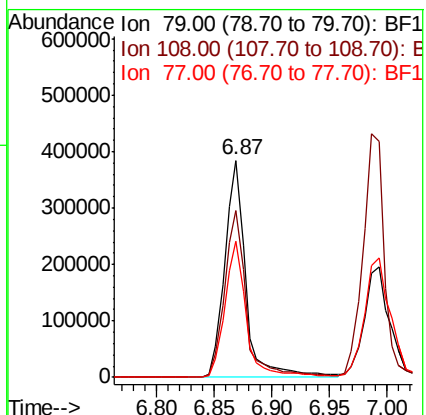
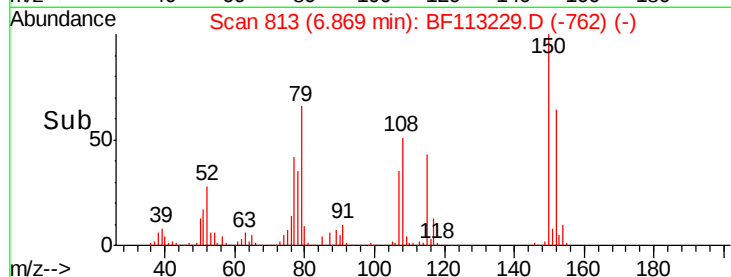
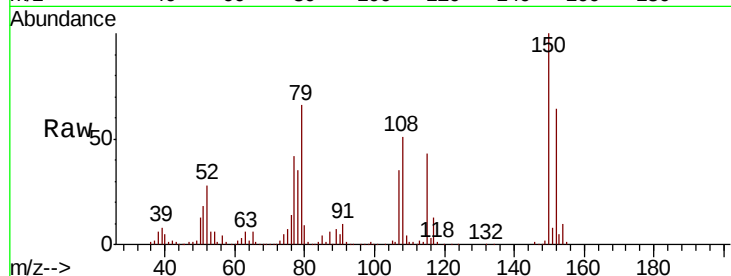
Tot Ion: 79 Resp: 487611

Ion Ratio Lower Upper

79 100

108 77.2 61.8 92.6

77 63.0 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.547 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

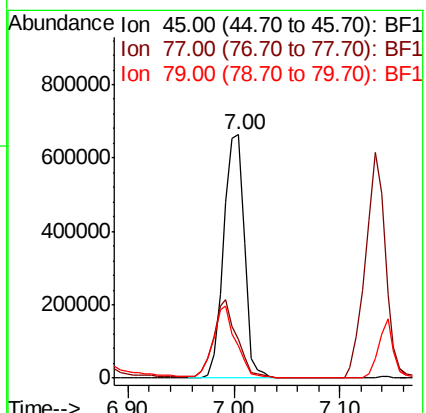
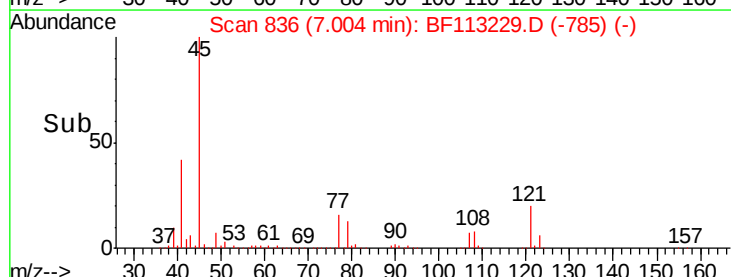
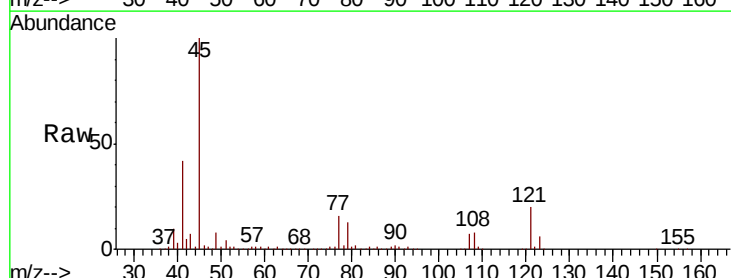
Tgt Ion: 45 Resp: 906413

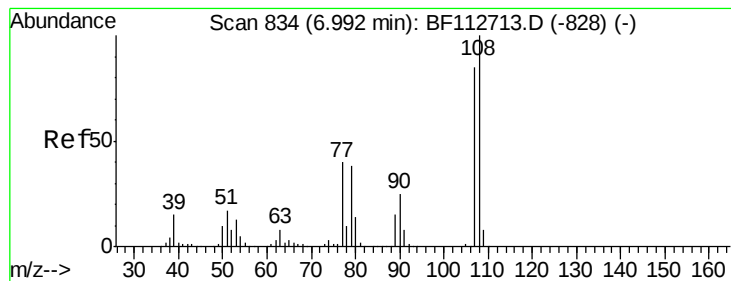
Ion Ratio Lower Upper

45 100

77 15.9 0.0 35.9

79 13.2 0.0 33.2

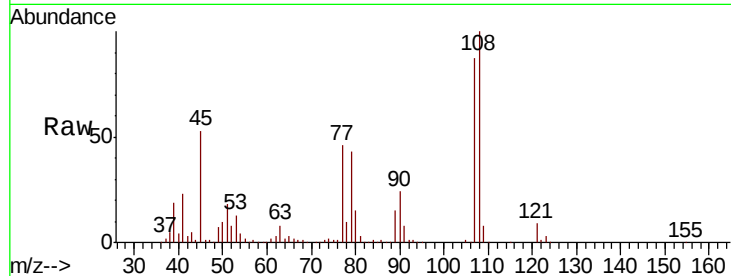




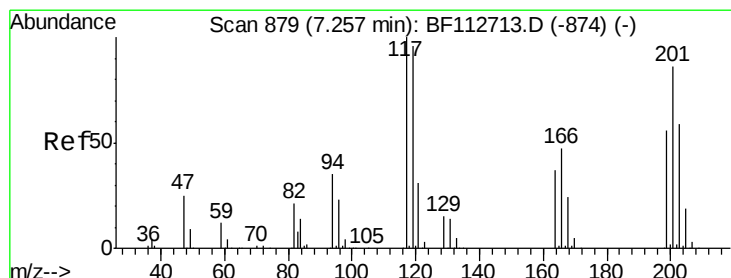
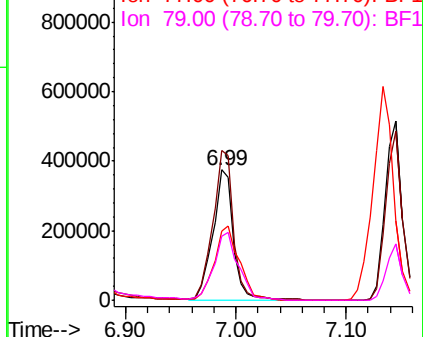
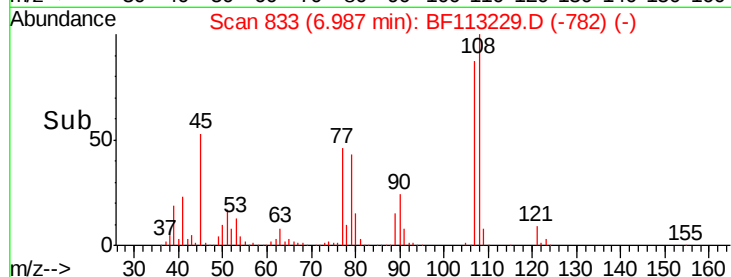
#17
2-Methylphenol
Concen: 39.094 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 479441
Ion Ratio Lower Upper
107 100
108 115.3 92.2 138.4
77 52.8 42.2 63.4
79 49.5 39.6 59.4

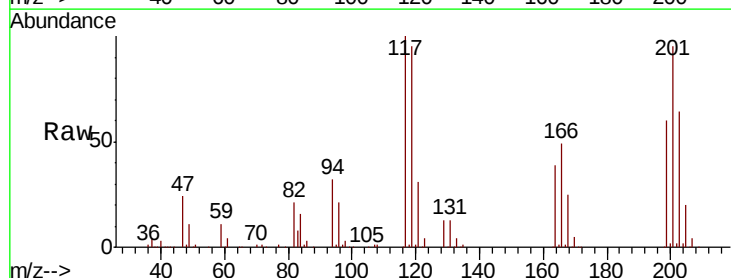


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

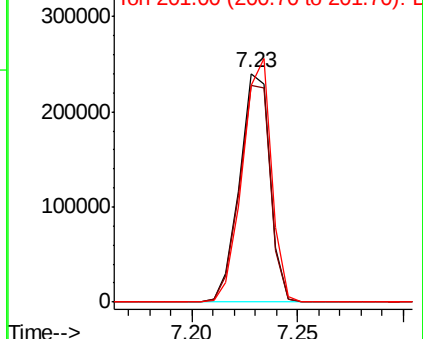
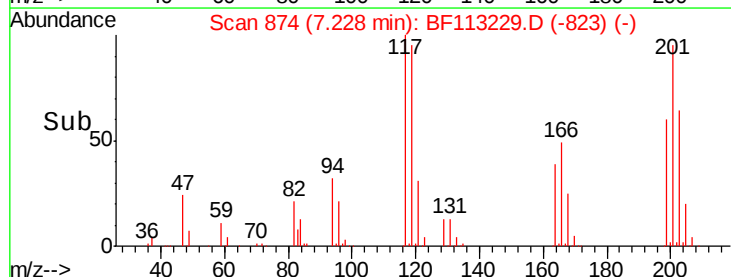


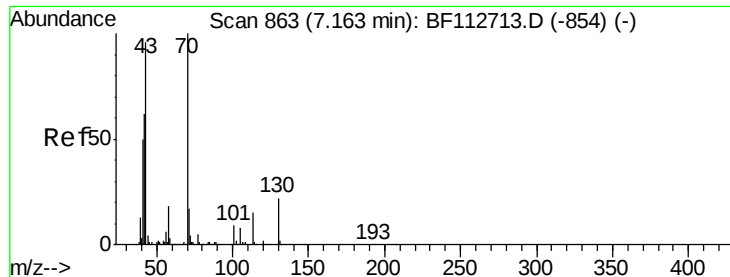
#18
Hexachloroethane
Concen: 40.048 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:117 Resp: 240252
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
201 94.9 75.9 113.9



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

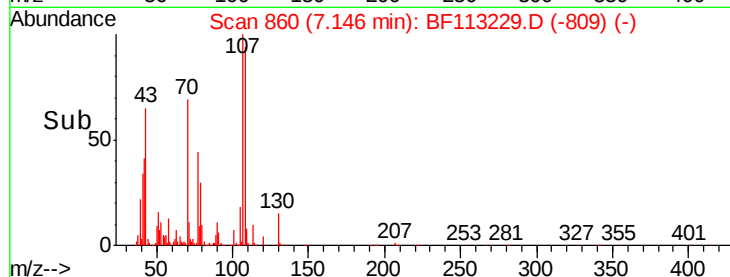
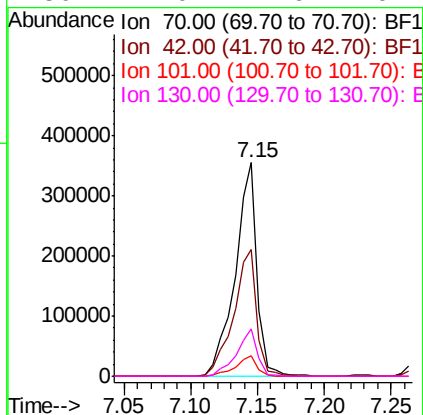
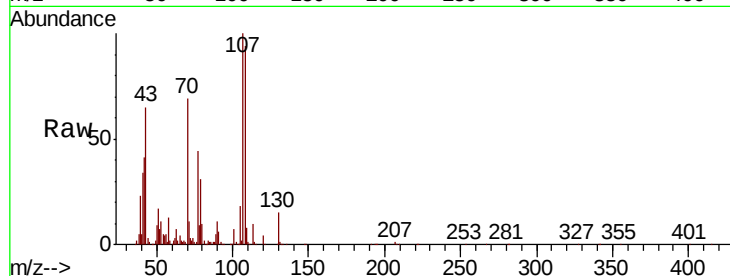




#19
n-Nitroso-di-n-propylamine
Concen: 37.522 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

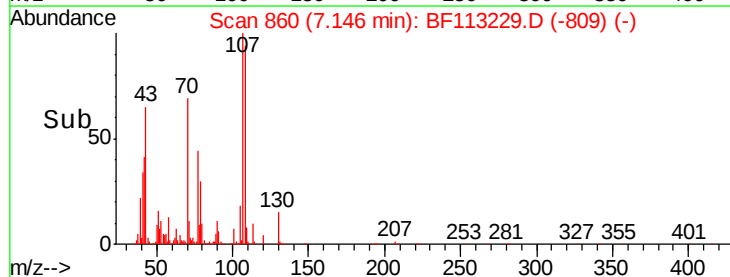
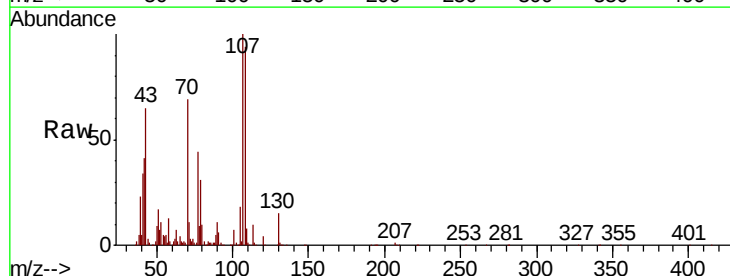
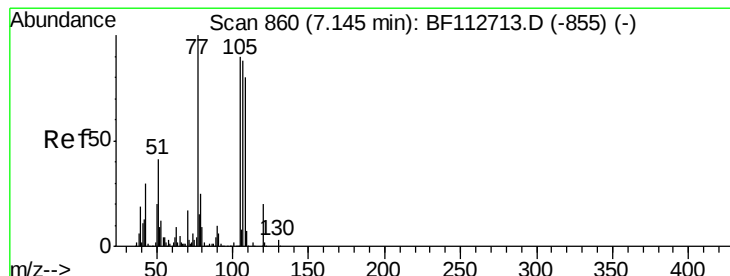
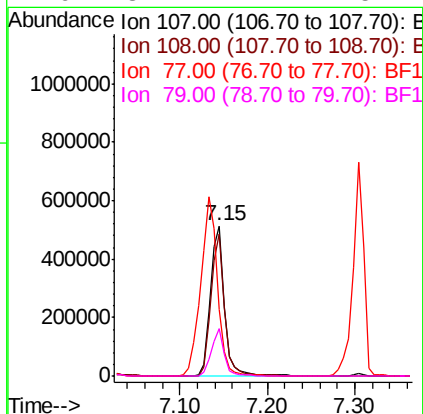
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 405393
Ion Ratio Lower Upper
70 100
42 59.5 47.6 71.4
101 9.5 7.6 11.4
130 22.0 17.6 26.4



#20
3+4-Methylphenols
Concen: 40.926 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion: 107 Resp: 566647
Ion Ratio Lower Upper
107 100
108 94.3 74.3 114.3
77 44.4 24.4 64.4
79 31.2 11.2 51.2

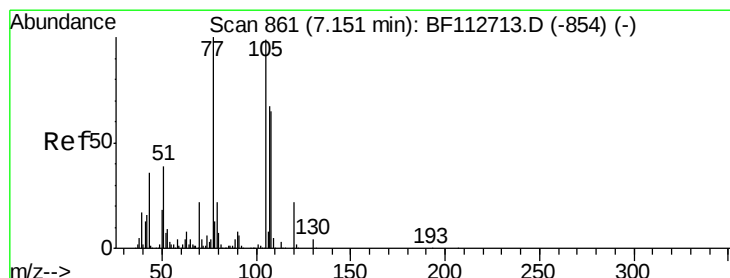
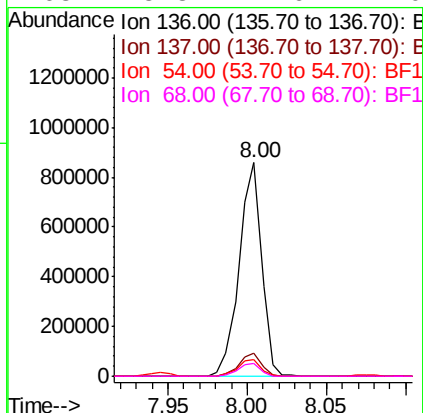
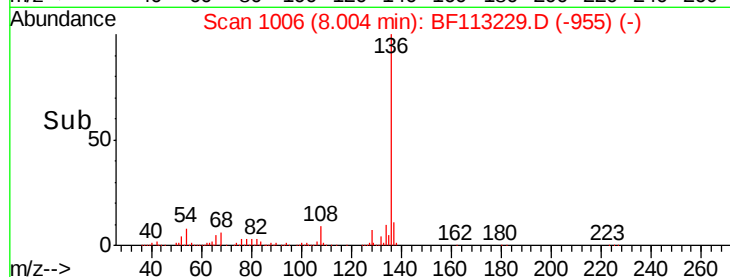
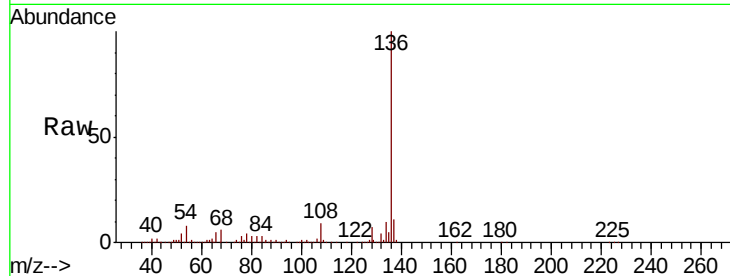




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

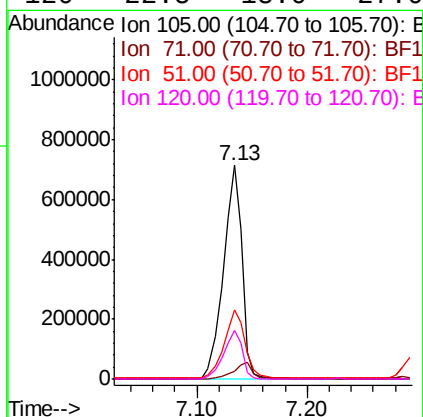
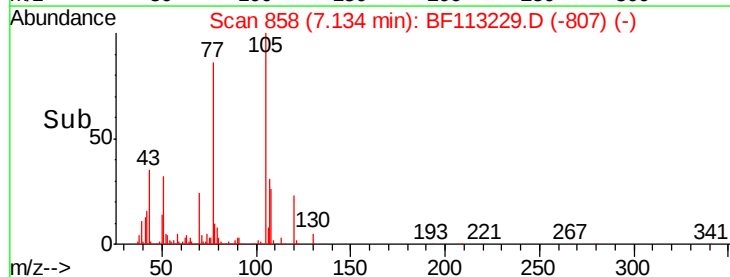
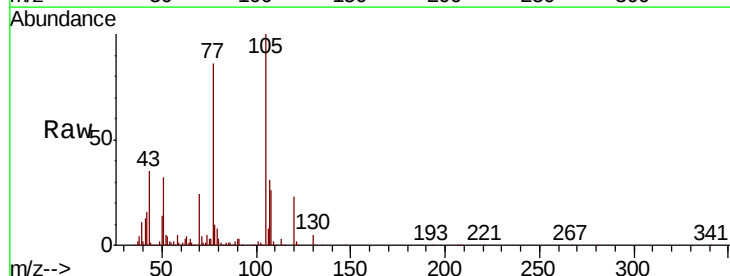
Instrument :
BNA_F
ClientSampleId :

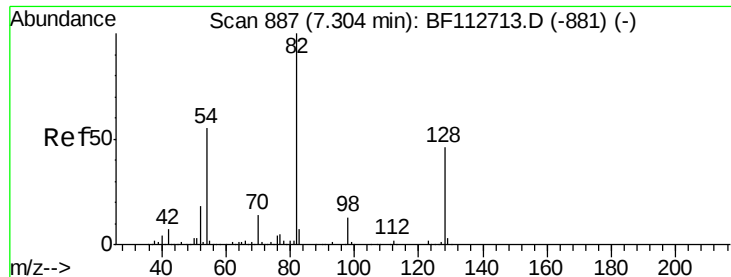
Tot Ion:136	Resp: 844205
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 7.7	6.2 9.2
68 5.8	4.6 7.0



#22
Acetophenone
Concen: 42.350 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt	Ion:105	Resp:	835972
Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.0	4.6
51	32.1	25.7	38.5
120	22.5	18.0	27.0

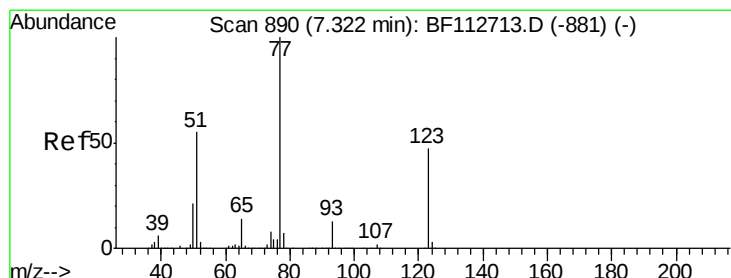
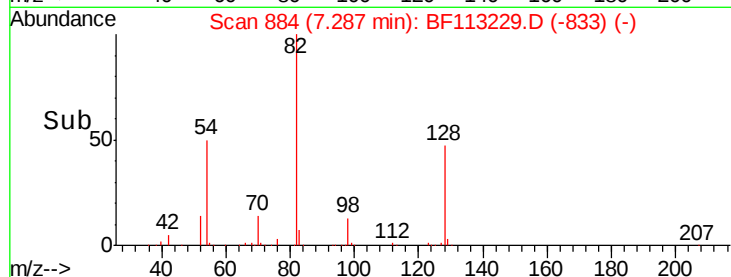
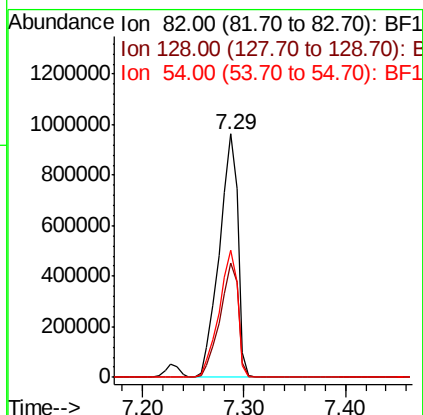
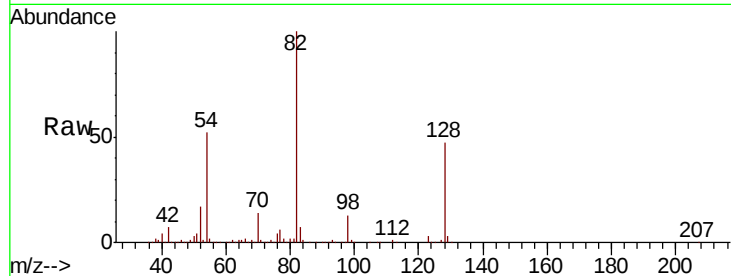




#23
Nitrobenzene-d5
Concen: 86.856 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

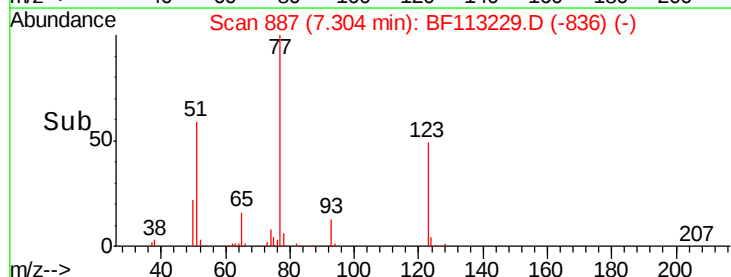
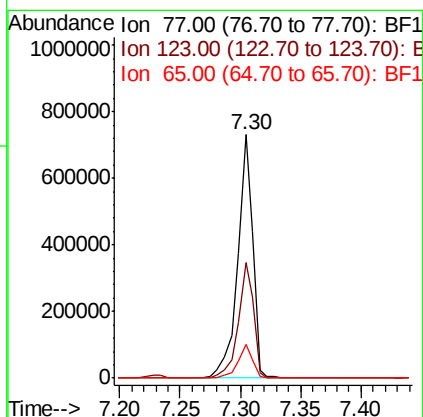
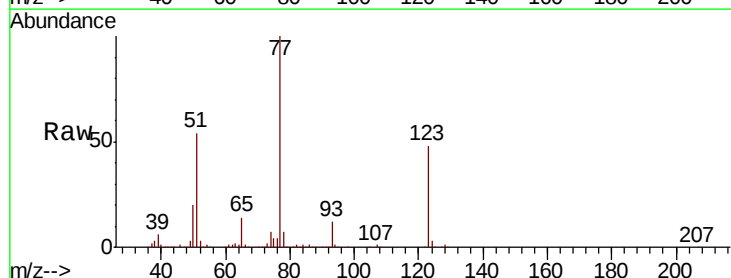
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1225381
Ion Ratio Lower Upper
82 100
128 46.9 37.5 56.3
54 52.3 41.8 62.8



#24
Nitrobenzene
Concen: 40.317 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion: 77 Resp: 633077
Ion Ratio Lower Upper
77 100
123 47.7 38.2 57.2
65 13.7 11.0 16.4





#25

Isophorone

Concen: 38.625 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

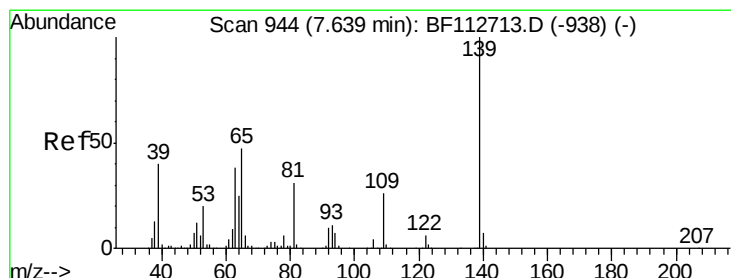
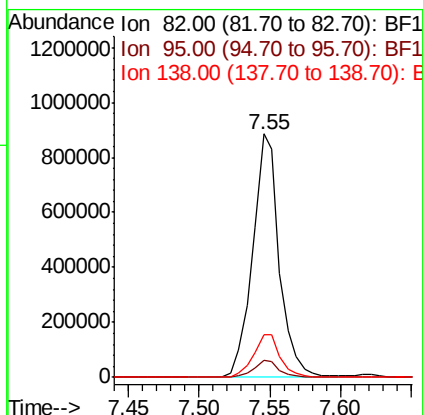
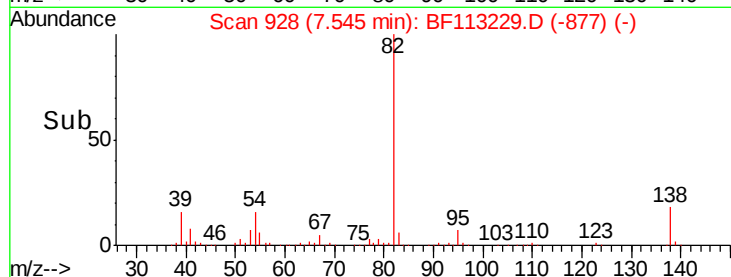
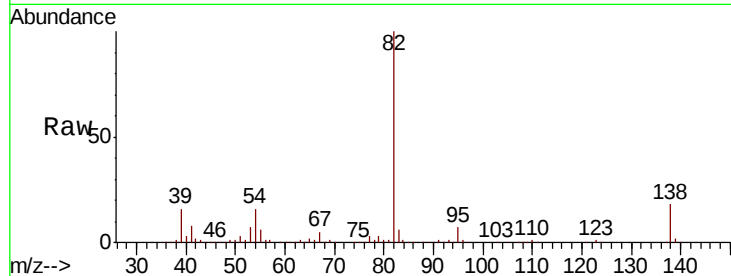
Tot Ion: 82 Resp: 1173965

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 17.5 14.0 21.0



#26

2-Nitrophenol

Concen: 52.275 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

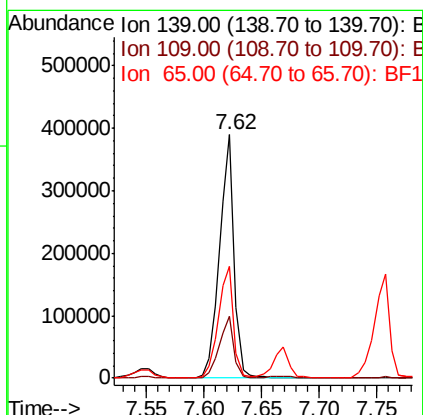
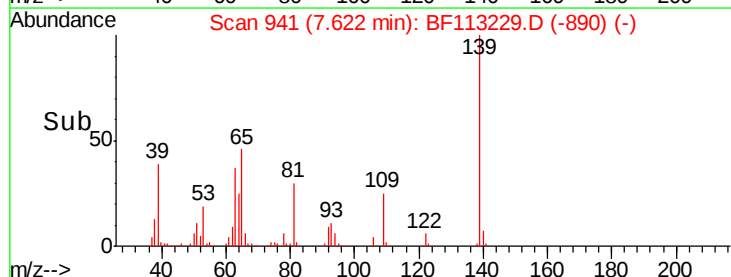
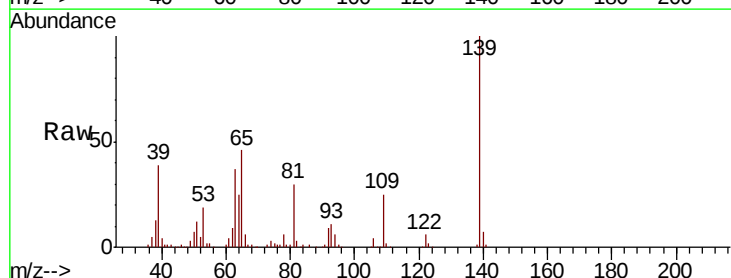
Tgt Ion: 139 Resp: 341698

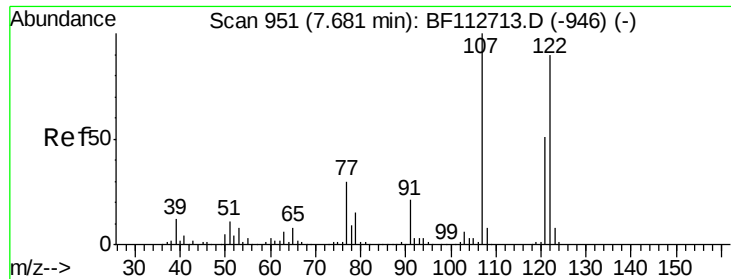
Ion Ratio Lower Upper

139 100

109 25.2 20.2 30.2

65 46.0 36.8 55.2





#27

2,4-Dimethylphenol

Concen: 39.325 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

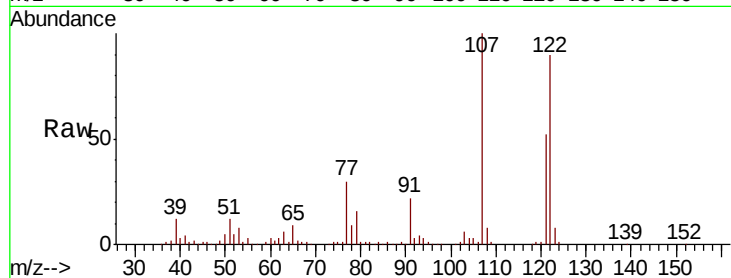
Tot Ion:122 Resp: 478213

Ion Ratio Lower Upper

122 100

107 110.7 88.6 132.8

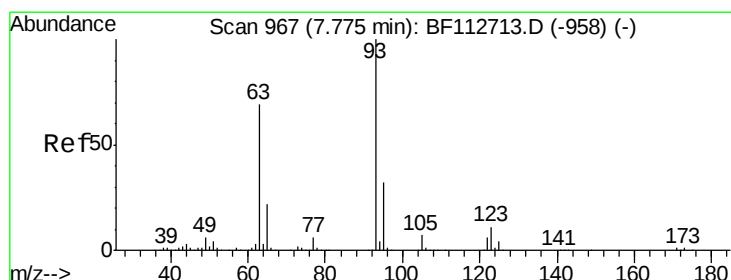
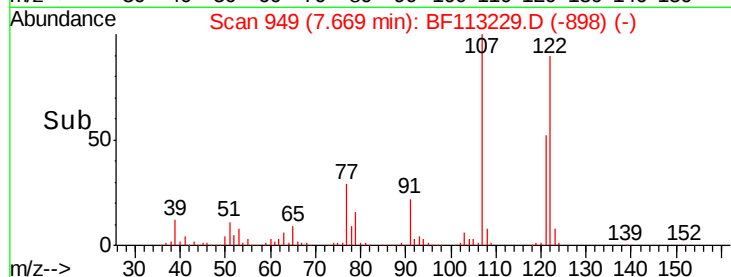
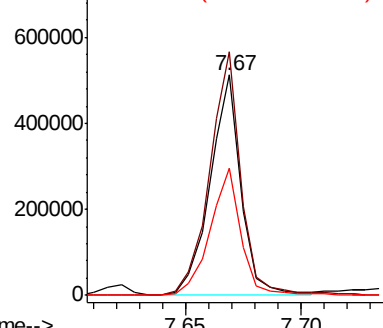
121 57.6 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.207 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

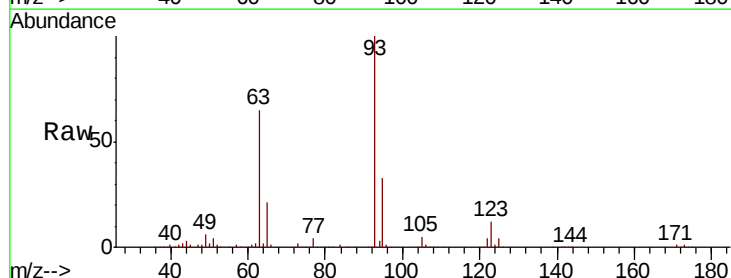
Tgt Ion: 93 Resp: 745037

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

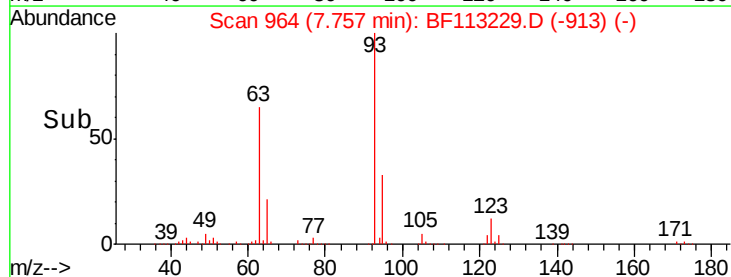
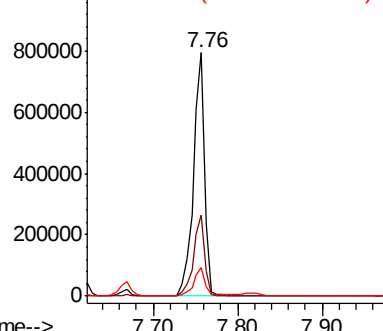
123 11.8 9.4 14.2

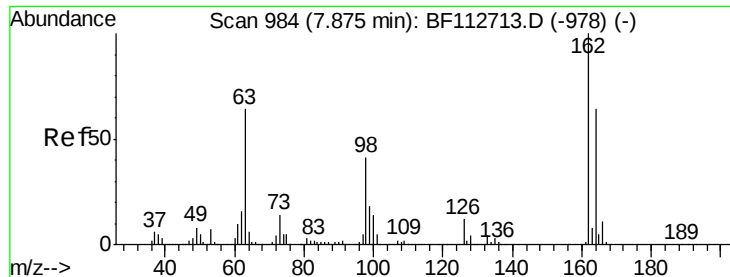


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

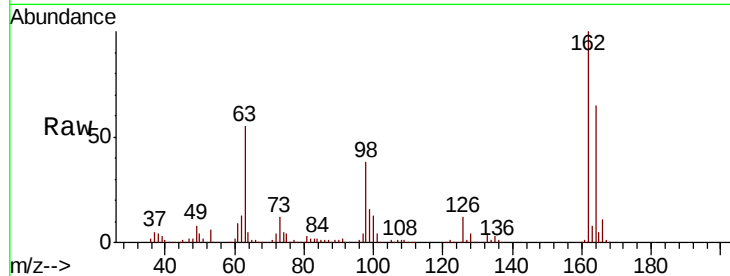




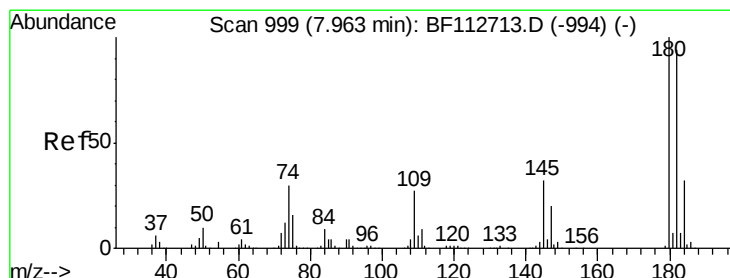
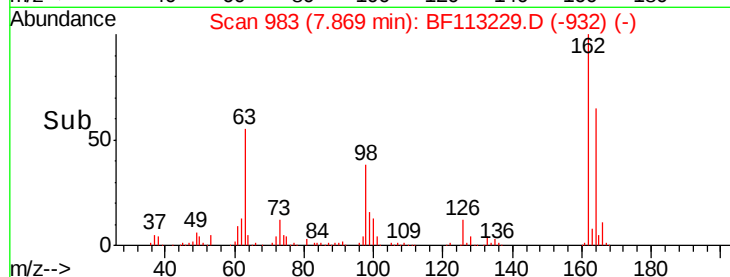
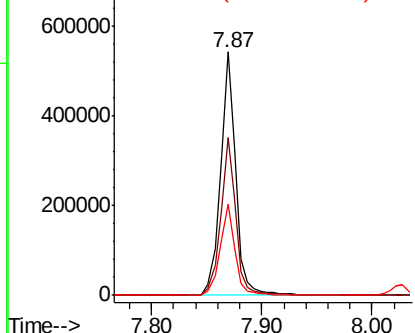
#29
2,4-Dichlorophenol
Concen: 44.316 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.8	84.8
98	37.6	17.6	57.6

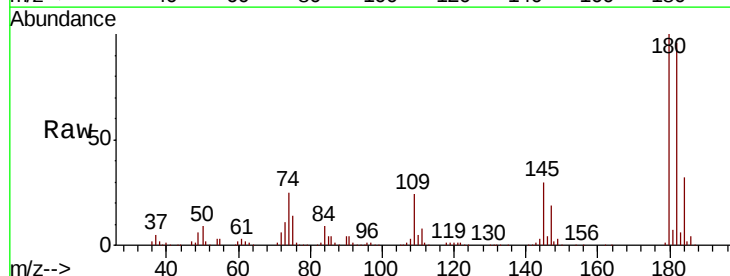


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

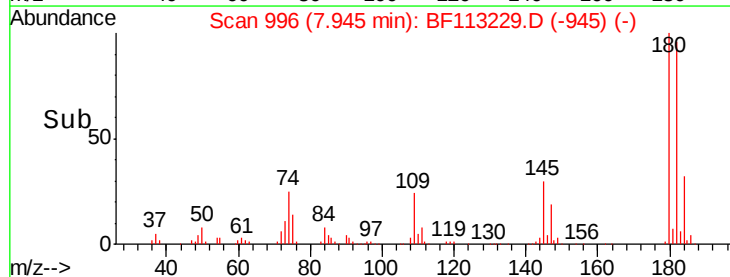
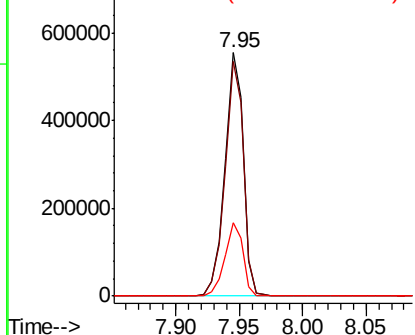


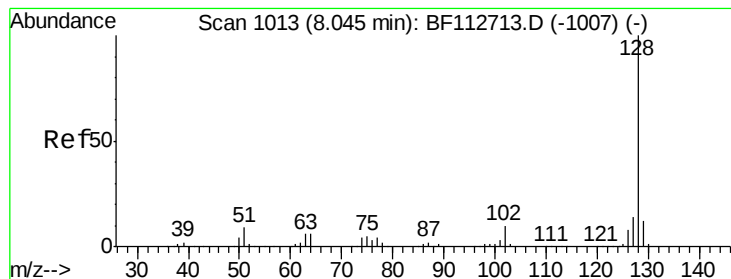
#30
1,2,4-Trichlorobenzene
Concen: 44.041 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
145	30.2	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.551 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

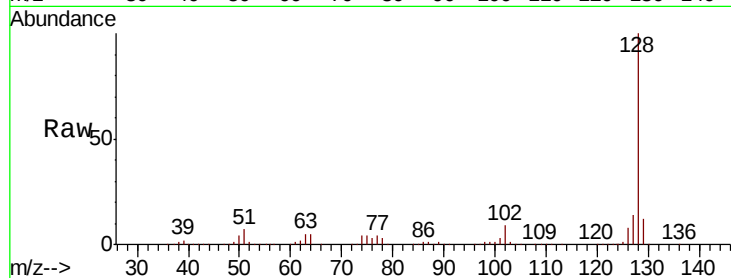
Tot Ion:128 Resp: 1699627

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

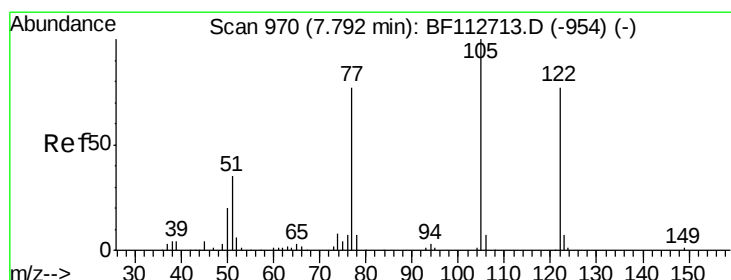
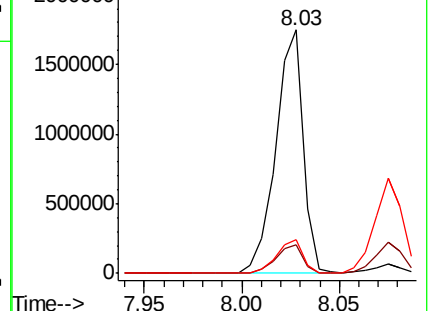
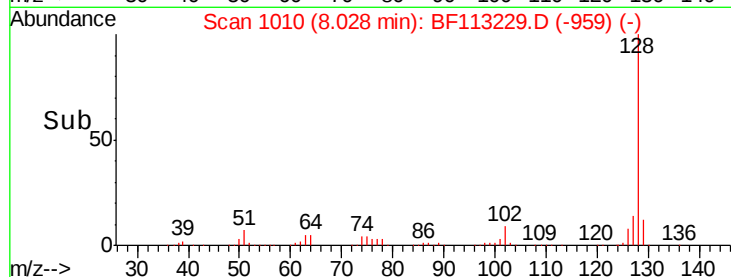
127 13.9 11.1 16.7



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: 45.054 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

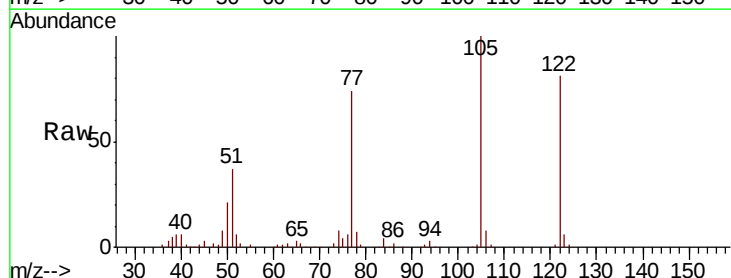
Tgt Ion:122 Resp: 384005

Ion Ratio Lower Upper

122 100

105 122.9 102.9 142.9

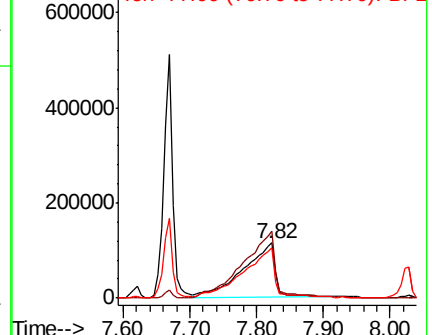
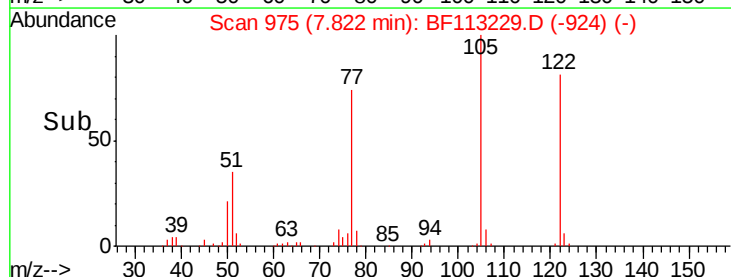
77 91.1 71.1 111.1

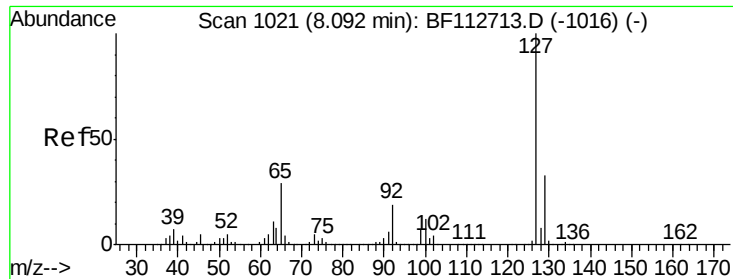


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

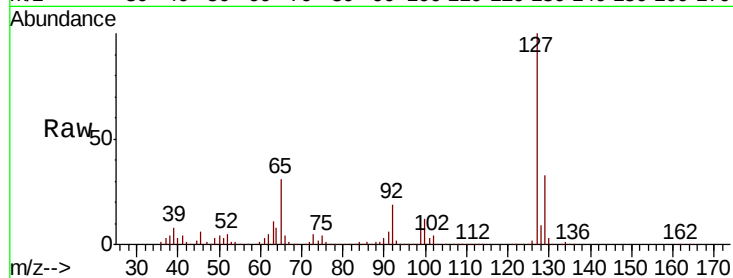




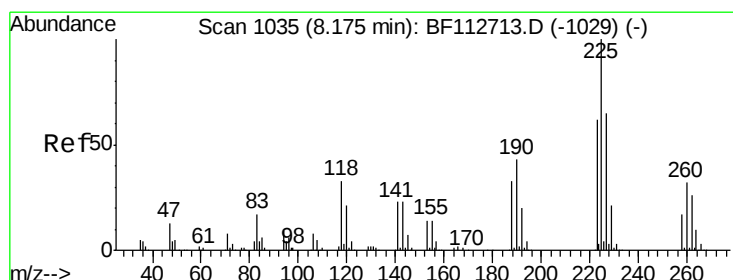
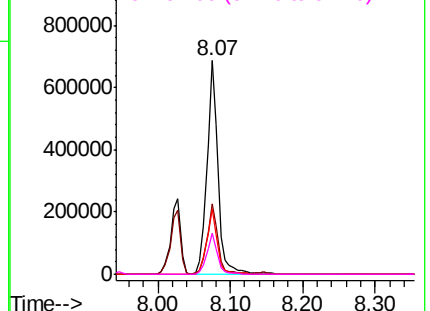
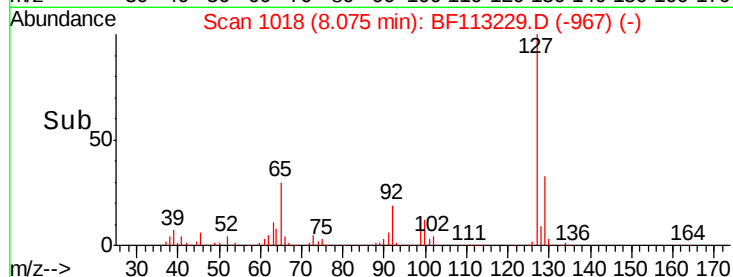
#33
4-Chloroaniline
Concen: 40.923 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	726473
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	30.5	24.4	36.6
92	19.0	15.2	22.8

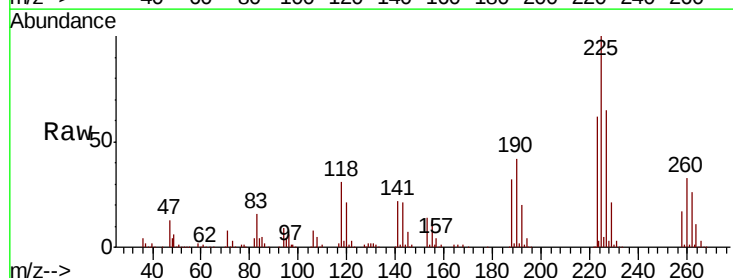


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

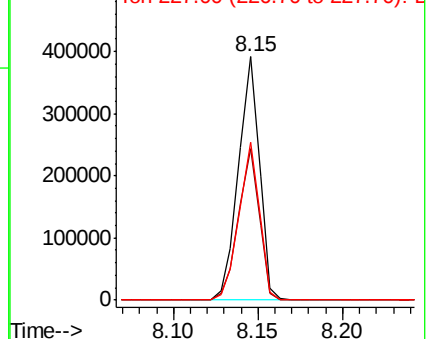
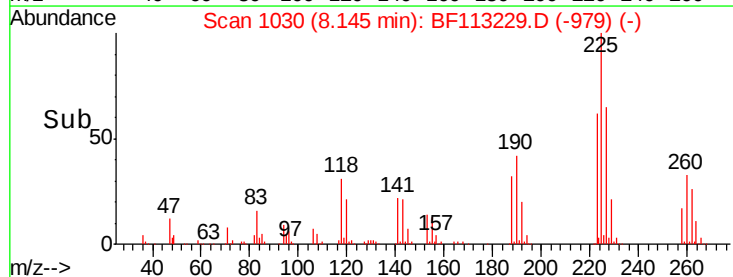


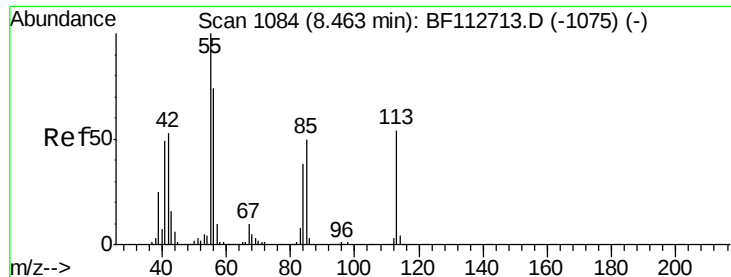
#34
Hexachlorobutadiene
Concen: 47.347 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:	225	Resp:	338347
Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.9	74.9
227	64.8	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

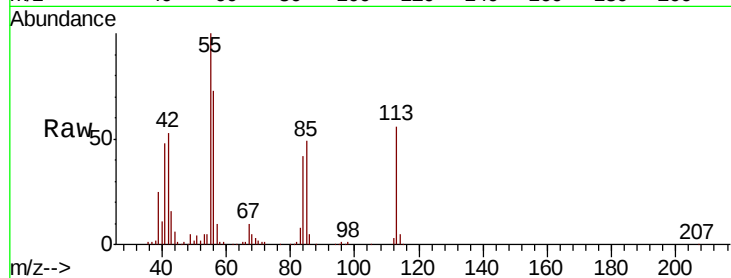




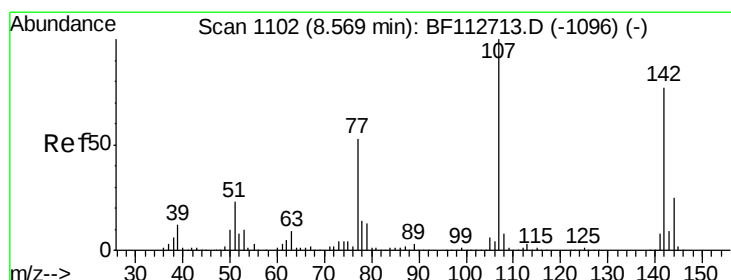
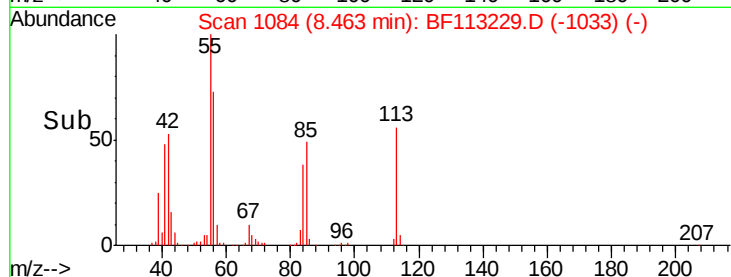
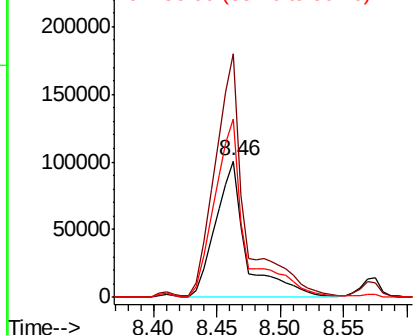
#35
 Caprolactam
 Concen: 40.737 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 169200
 Ion Ratio Lower Upper
 113 100
 55 178.1 158.1 198.1
 56 130.1 110.1 150.1

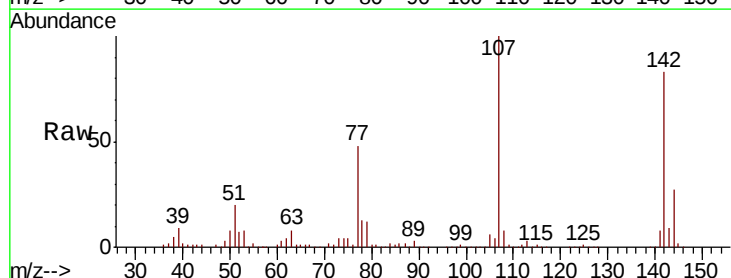


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

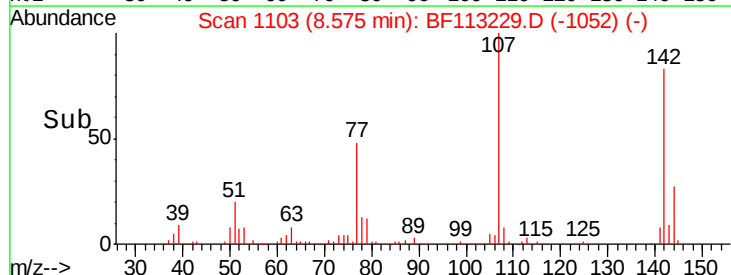
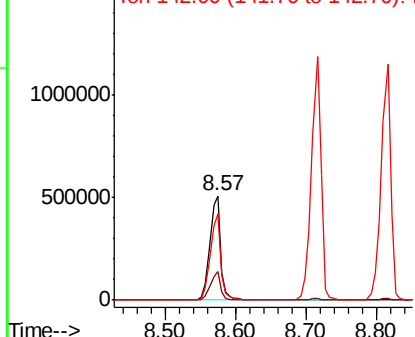


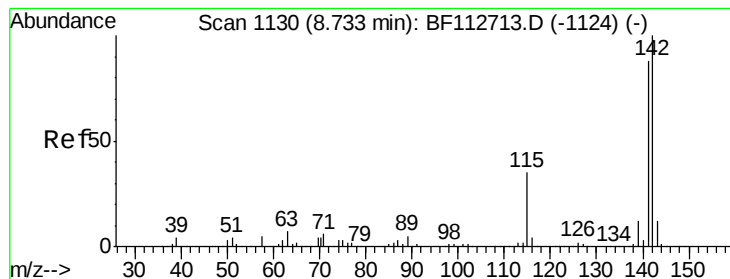
#36
 4-Chloro-3-methylphenol
 Concen: 41.448 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Tgt Ion:107 Resp: 540934
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.8 32.6
 142 82.8 66.2 99.4



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





#37

2-Methylnaphthalene

Concen: 40.991 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

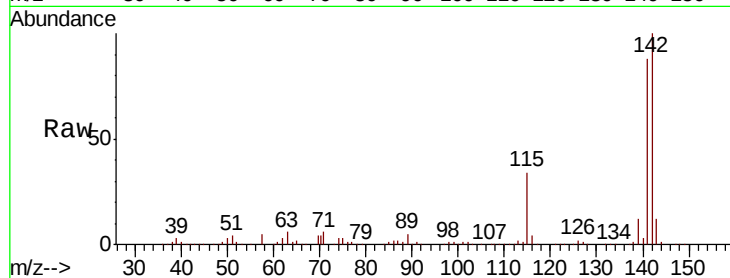
Tot Ion:142 Resp: 1109495

Ion Ratio Lower Upper

142 100

141 88.2 70.6 105.8

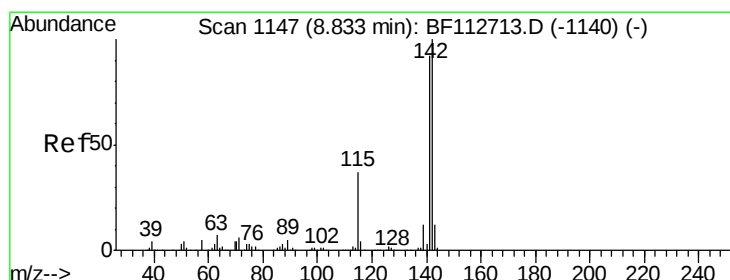
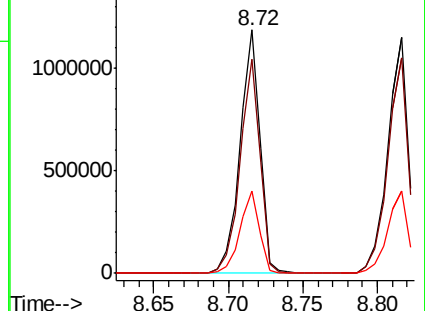
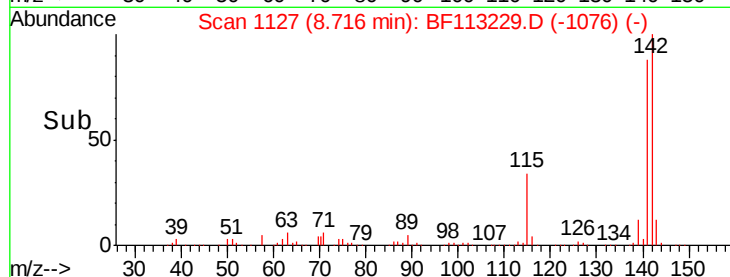
115 34.1 27.3 40.9



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: 40.813 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

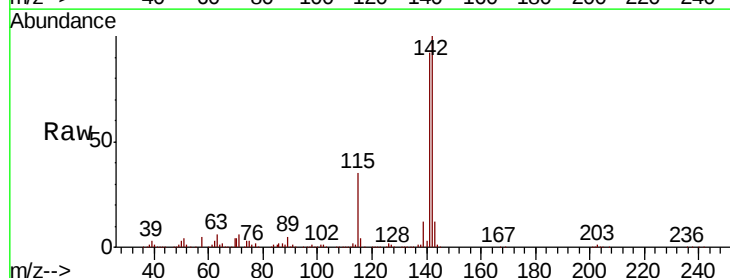
Tgt Ion:142 Resp: 1070095

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0

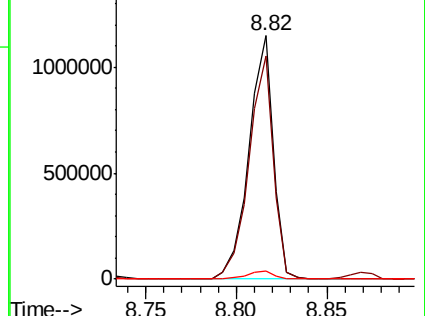
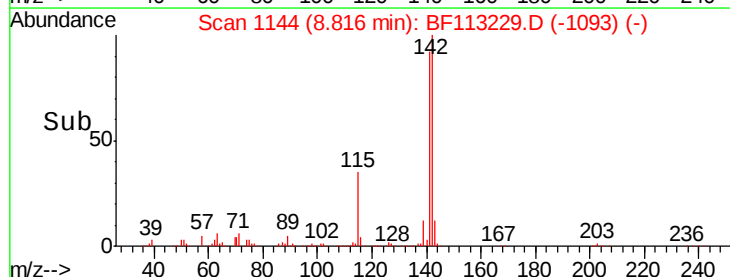
116 3.6 2.9 4.3



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

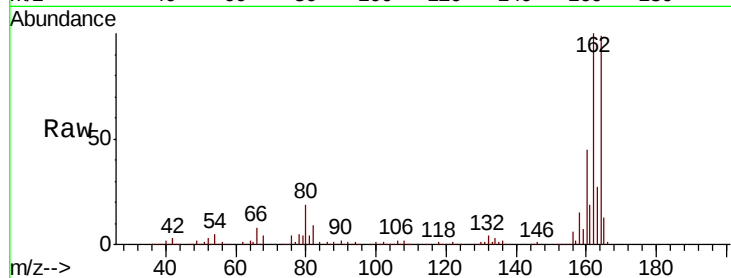




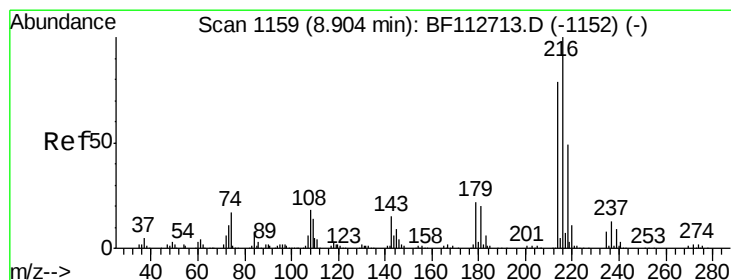
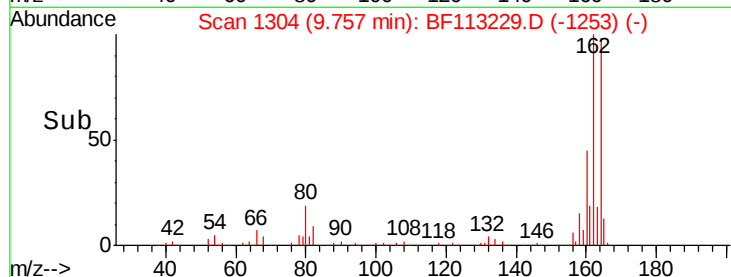
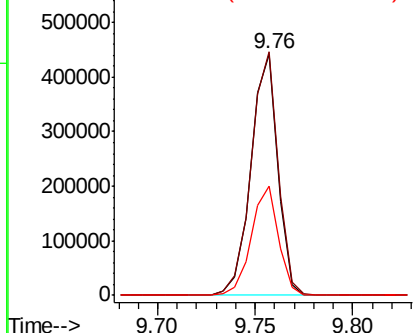
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 420514
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.7 121.1
 160 45.5 36.4 54.6

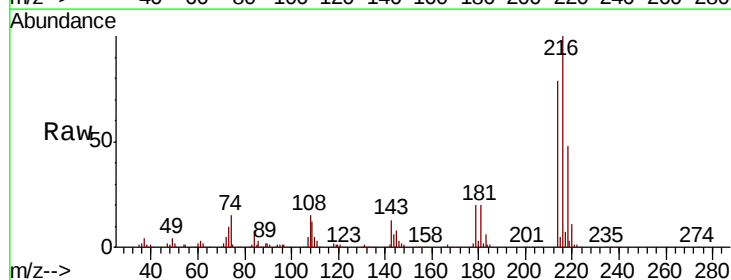


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

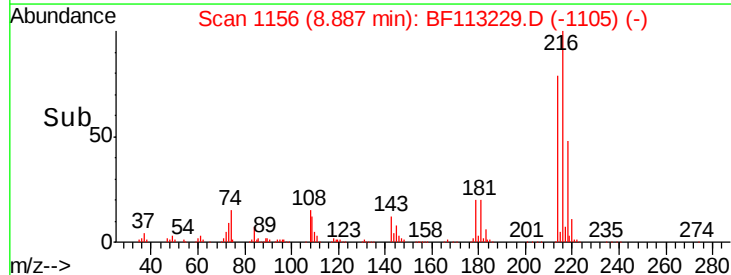
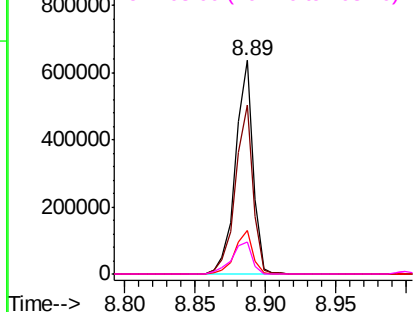


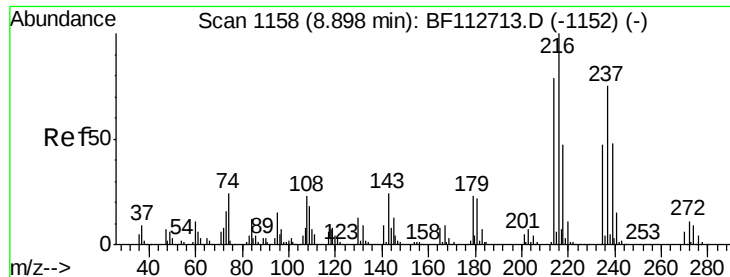
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.825 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Tgt Ion:216 Resp: 549668
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.5 95.3
 179 20.3 16.2 24.4
 108 17.4 13.9 20.9



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: 38.262 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

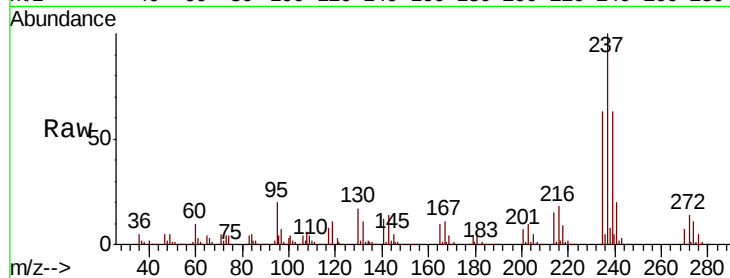
Tot Ion:237 Resp: 256932

Ion Ratio Lower Upper

237 100

235 62.5 42.5 82.5

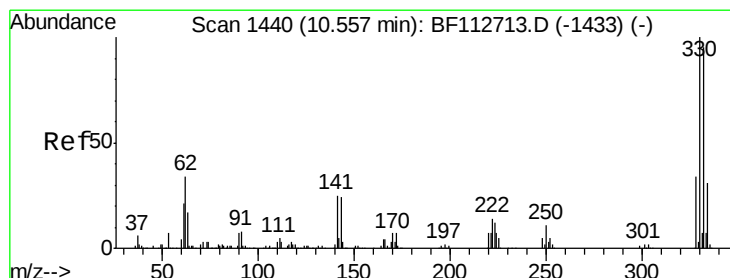
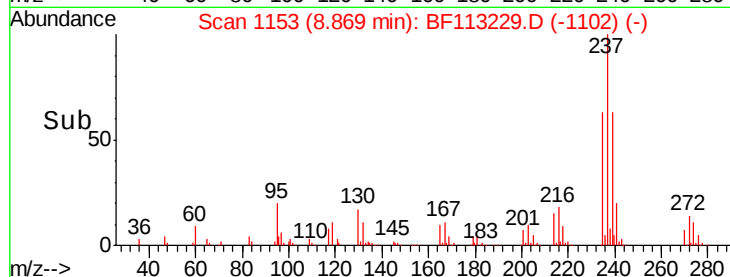
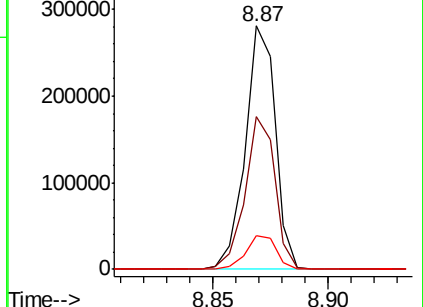
272 13.9 0.0 33.9



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: 95.539 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

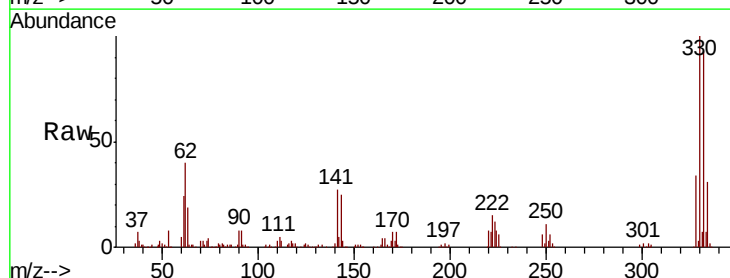
Tgt Ion:330 Resp: 426513

Ion Ratio Lower Upper

330 100

332 94.8 75.8 113.8

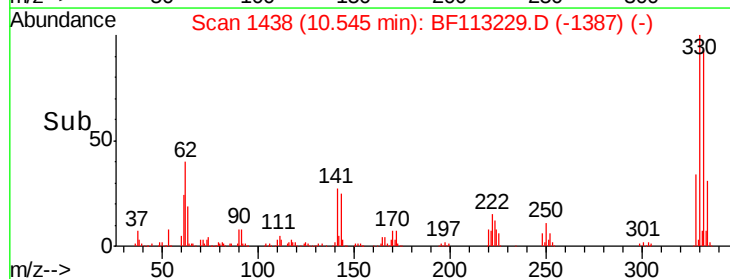
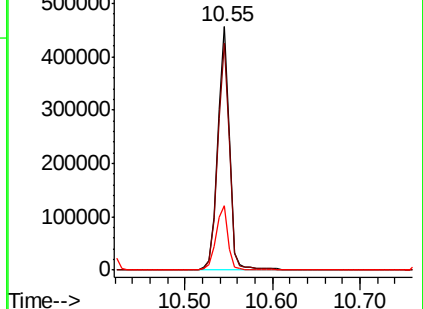
141 27.3 21.8 32.8

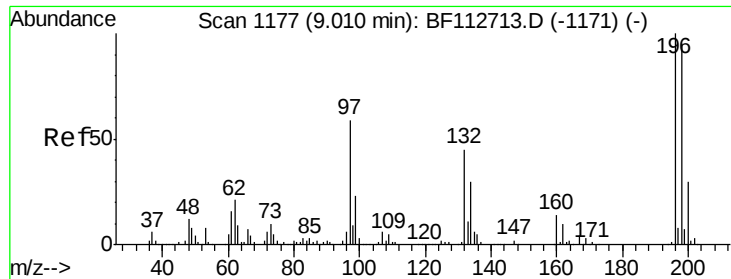


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

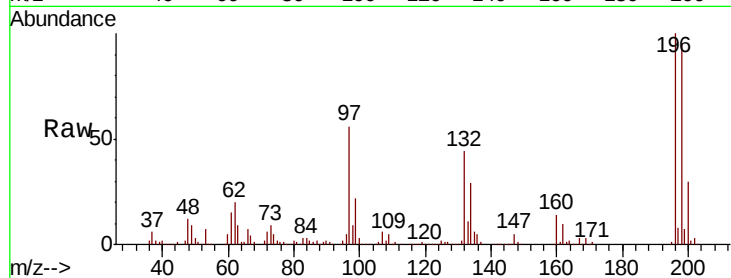




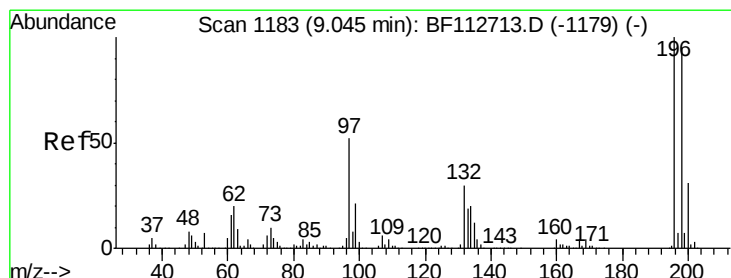
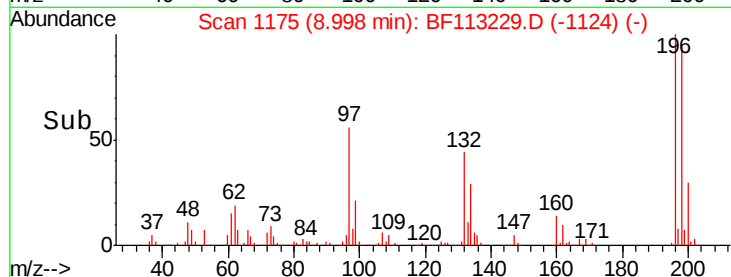
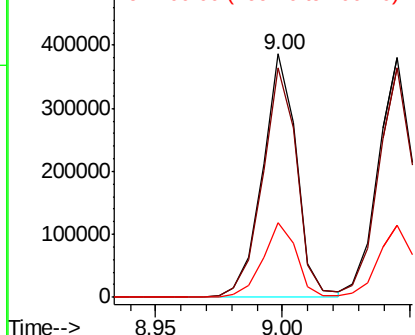
#43
 2,4,6-Trichlorophenol
 Concen: 43.032 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 363170
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.6 113.4
 200 30.4 24.3 36.5



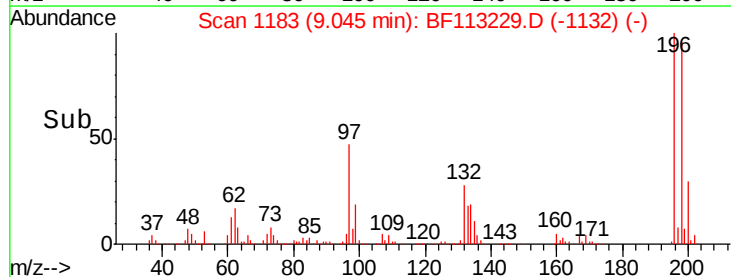
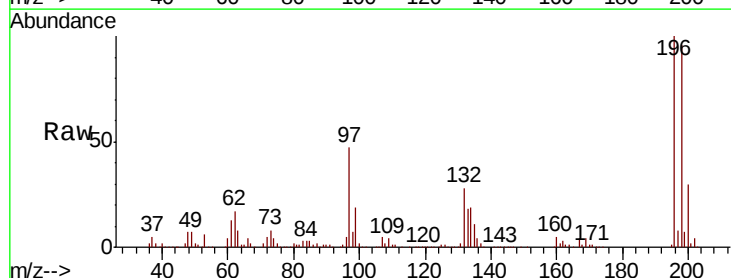
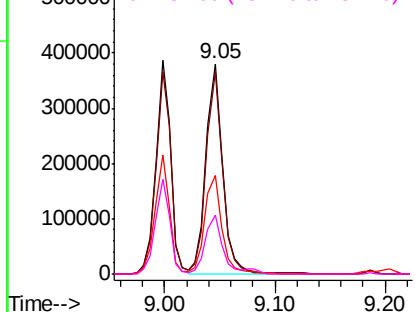
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

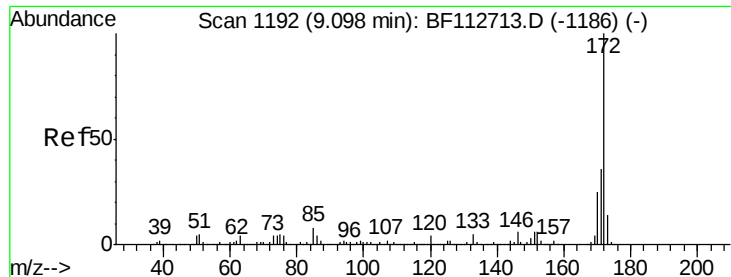


#44
 2,4,5-Trichlorophenol
 Concen: 42.652 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Tgt Ion:196 Resp: 389074
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.7 115.1
 97 47.1 37.7 56.5
 132 28.0 22.4 33.6

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

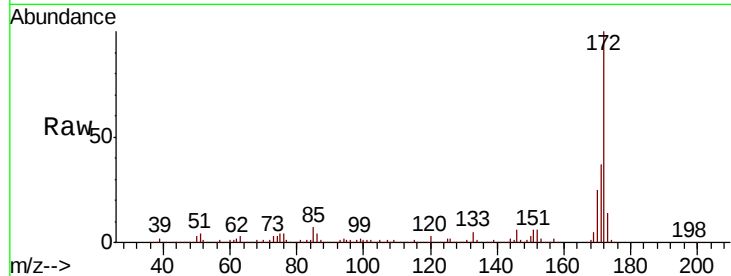




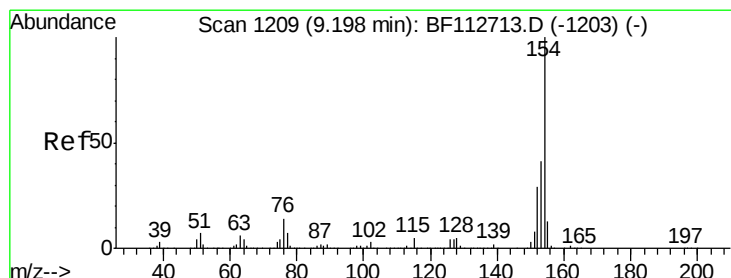
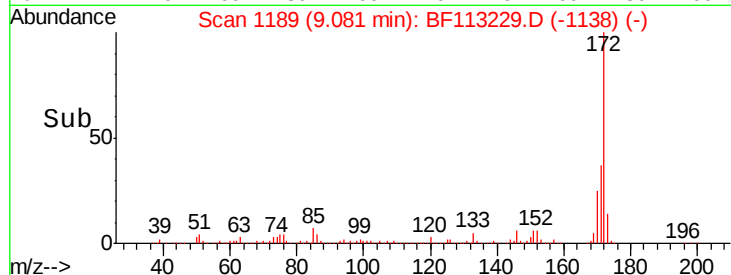
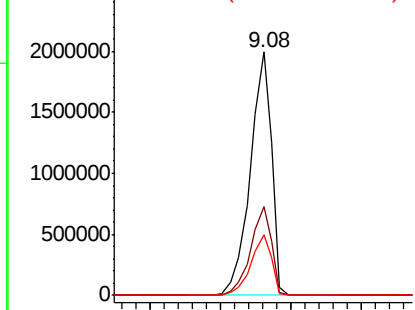
#45
2-Fluorobiphenyl
Concen: 82.597 ng
RT: 9.08 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2112107
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 25.1 20.1 30.1

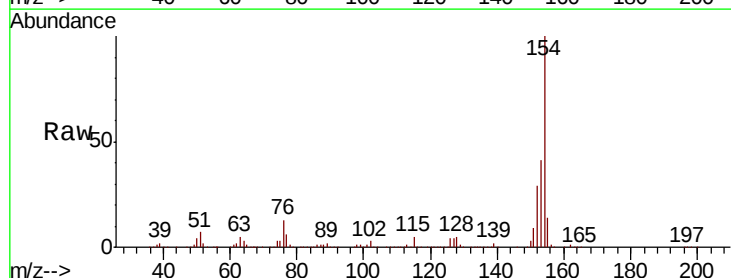


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

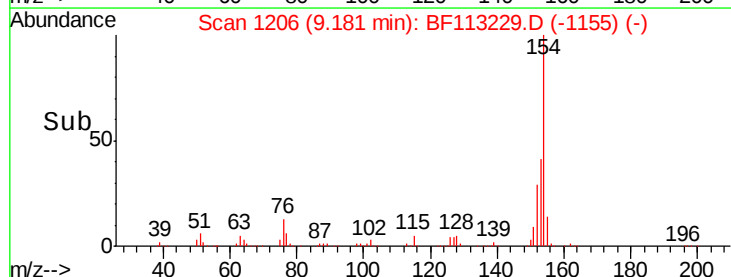
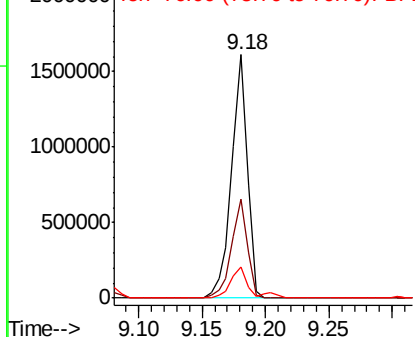


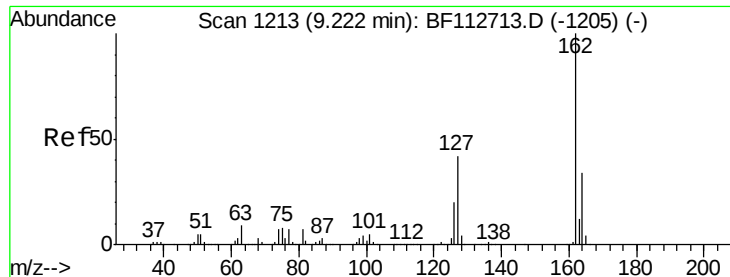
#46
1,1'-Biphenyl
Concen: 40.507 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:154 Resp: 1389383
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 13.0 0.0 33.0



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

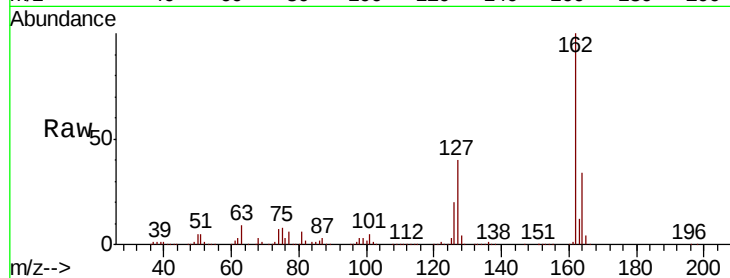




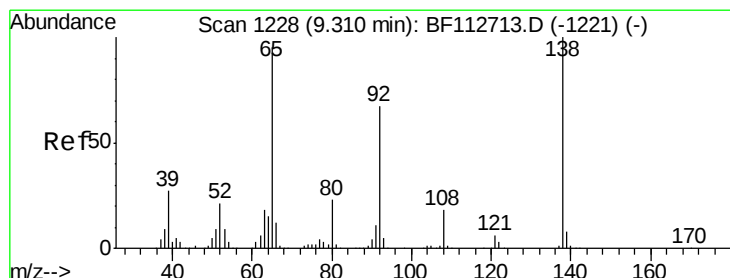
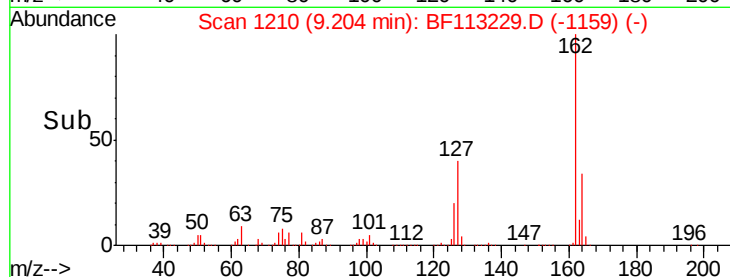
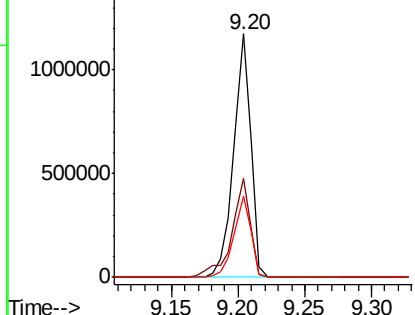
#47
 2-Chloronaphthalene
 Concen: 40.014 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1071657
 Ion Ratio Lower Upper
 162 100
 127 40.4 32.3 48.5
 164 33.5 26.8 40.2

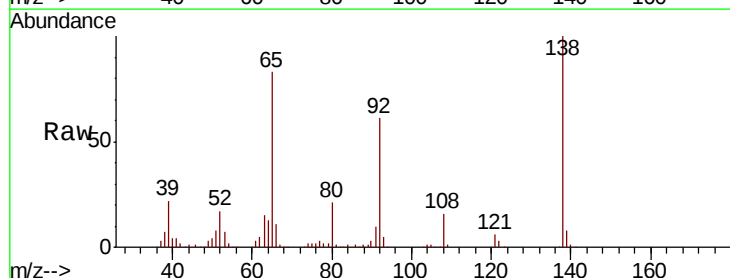


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

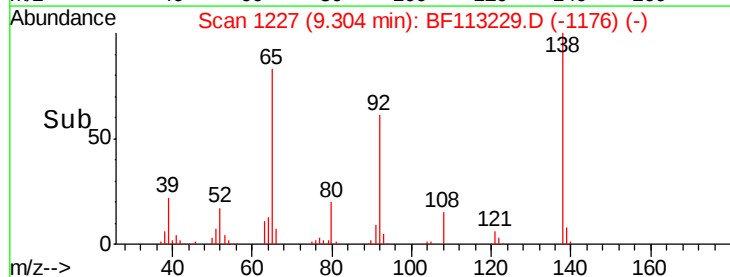
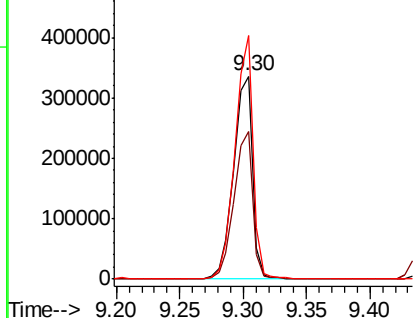


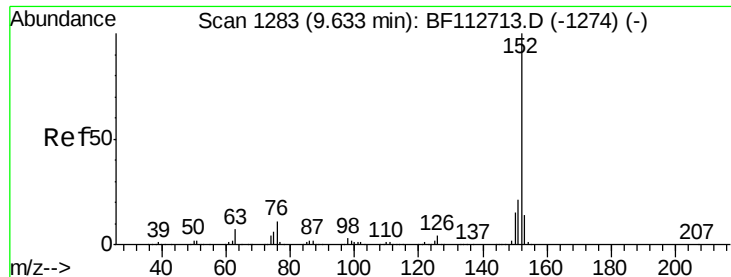
#48
 2-Nitroaniline
 Concen: 42.510 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Tgt Ion: 65 Resp: 346054
 Ion Ratio Lower Upper
 65 100
 92 72.6 58.1 87.1
 138 119.8 95.8 143.8



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: 38.210 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

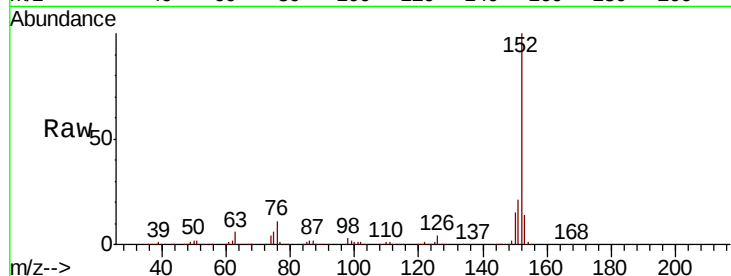
Tot Ion:152 Resp: 1737300

Ion Ratio Lower Upper

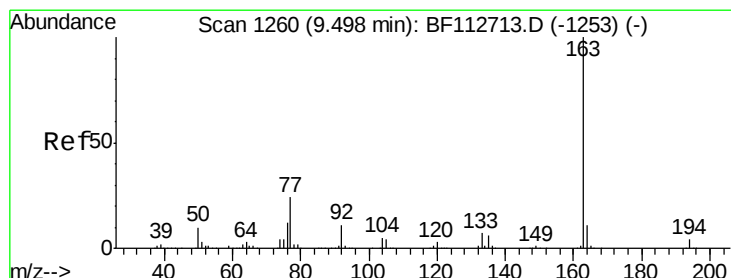
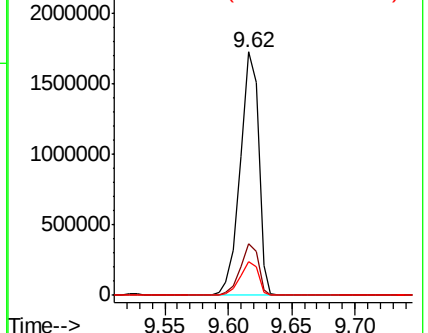
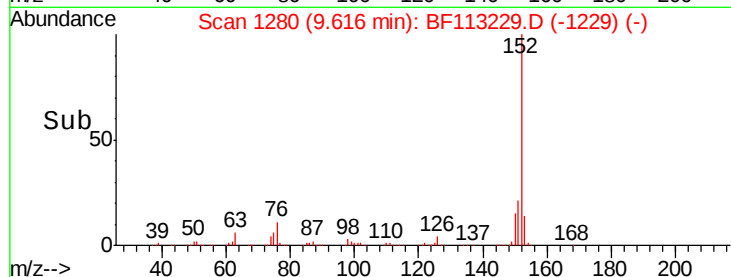
152 100

151 21.0 16.8 25.2

153 13.9 11.1 16.7



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: 41.281 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

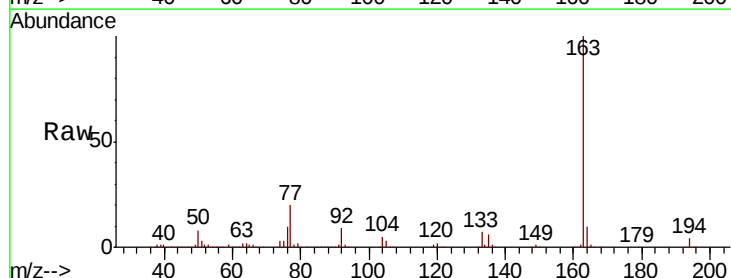
Tgt Ion:163 Resp: 1280002

Ion Ratio Lower Upper

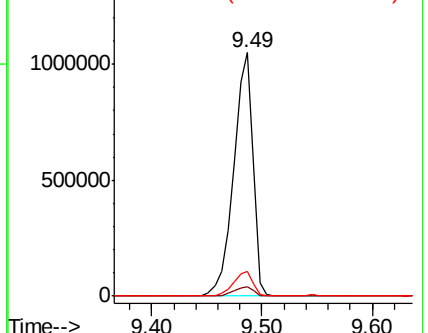
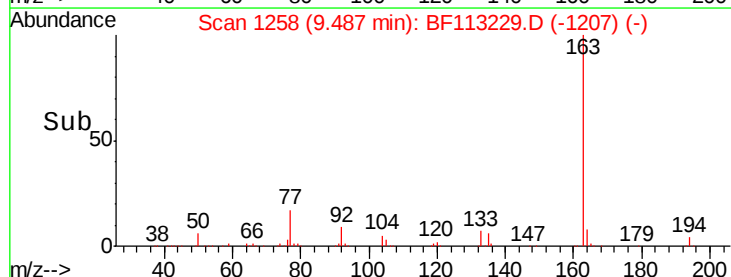
163 100

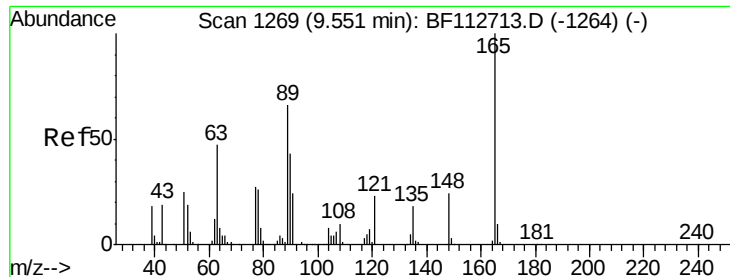
194 4.0 3.2 4.8

164 10.3 8.2 12.4



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: 44.465 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampled :

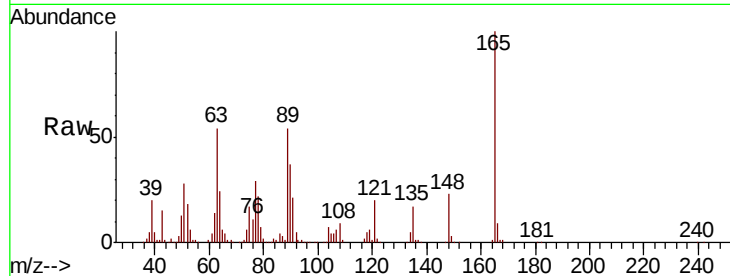
Tot Ion:165 Resp: 287104

Ion Ratio Lower Upper

165 100

63 54.1 43.3 64.9

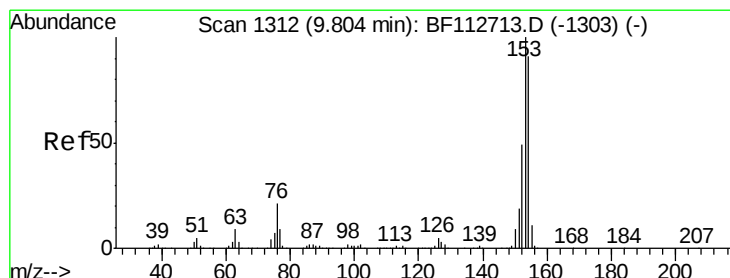
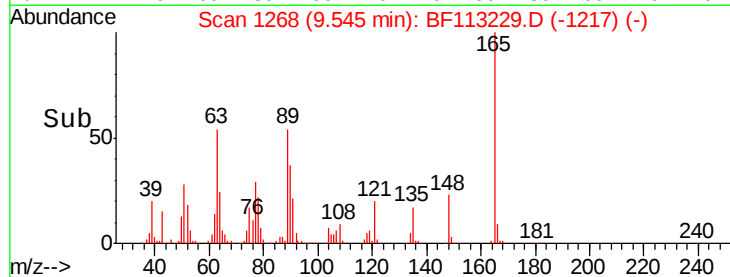
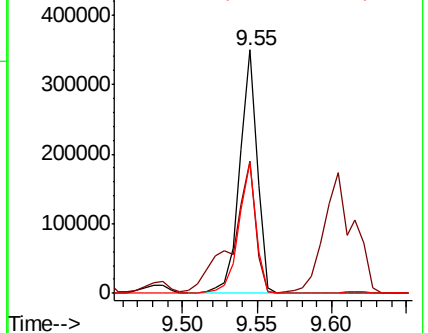
89 53.7 43.0 64.4



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: 36.980 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

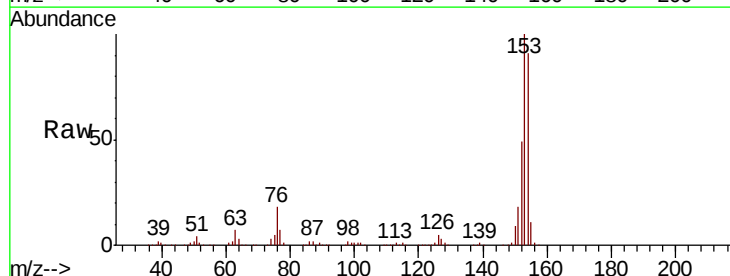
Tgt Ion:154 Resp: 983255

Ion Ratio Lower Upper

154 100

153 110.0 88.0 132.0

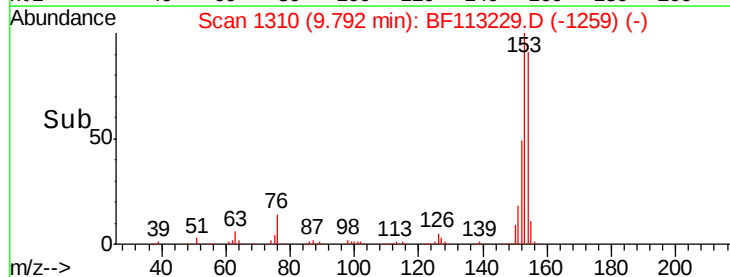
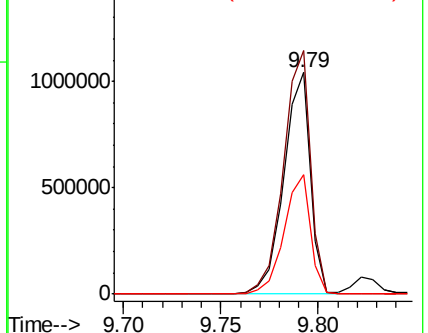
152 53.7 43.0 64.4

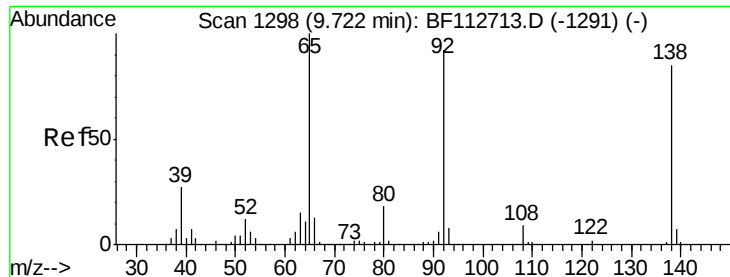


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

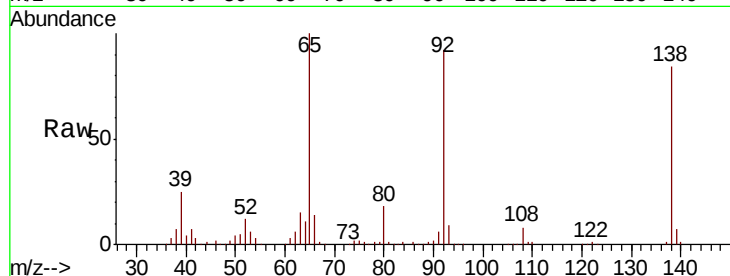




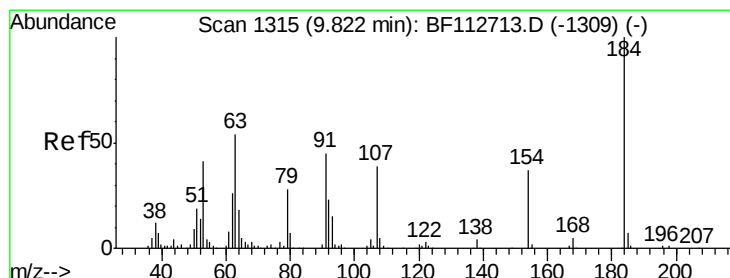
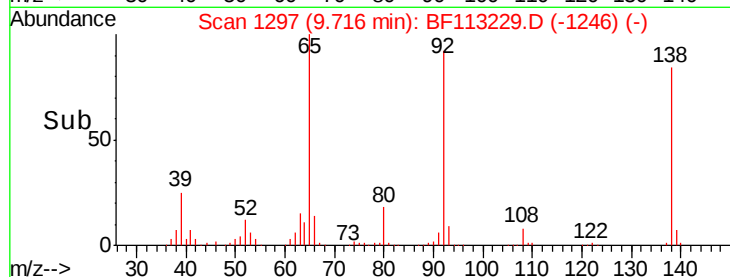
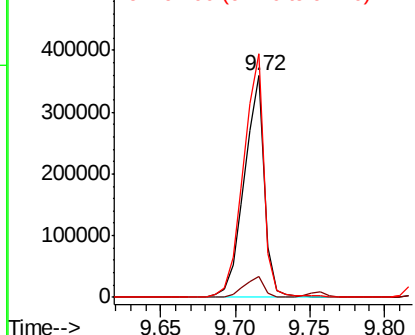
#53
3-Nitroaniline
Concen: 42.827 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 336953
Ion Ratio Lower Upper
138 100
108 9.5 7.6 11.4
92 109.9 87.9 131.9

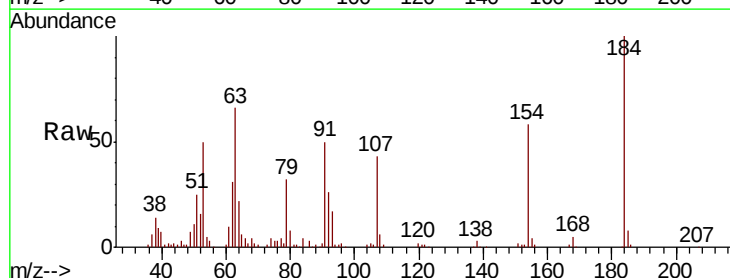


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

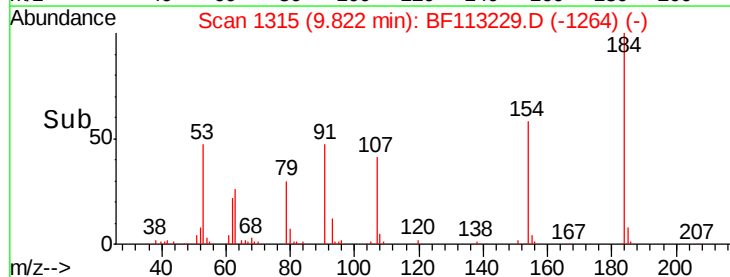
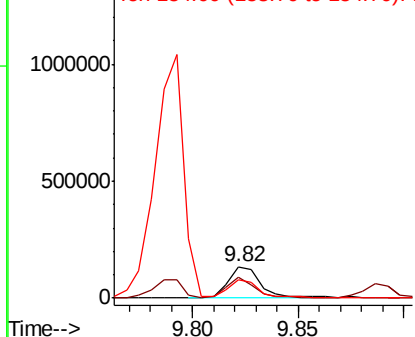


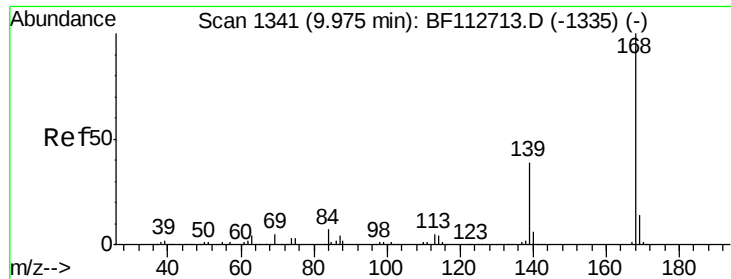
#54
2,4-Dinitrophenol
Concen: 55.503 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:184 Resp: 140913
Ion Ratio Lower Upper
184 100
63 65.8 52.6 79.0
154 58.5 46.8 70.2



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

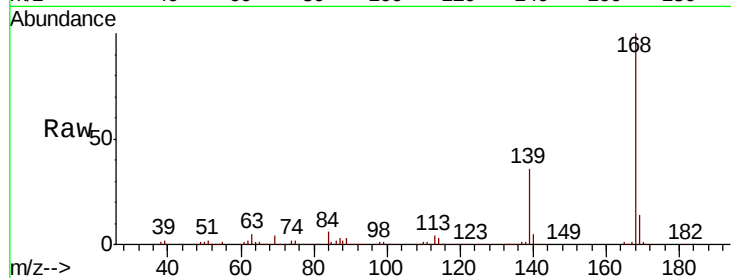




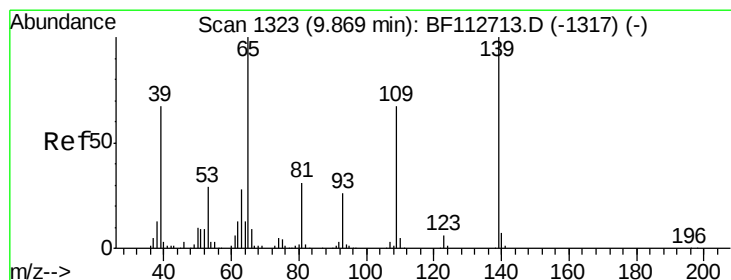
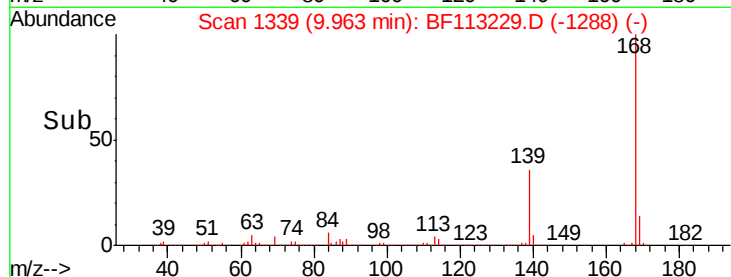
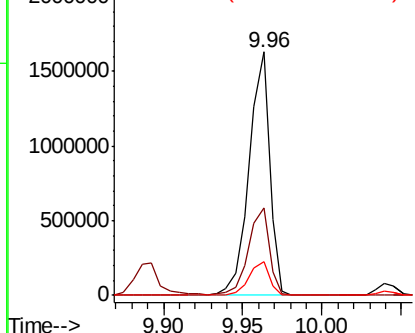
#55
Dibenzofuran
Concen: 38.010 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1468857
Ion Ratio Lower Upper
168 100
139 36.2 29.0 43.4
169 13.9 11.1 16.7

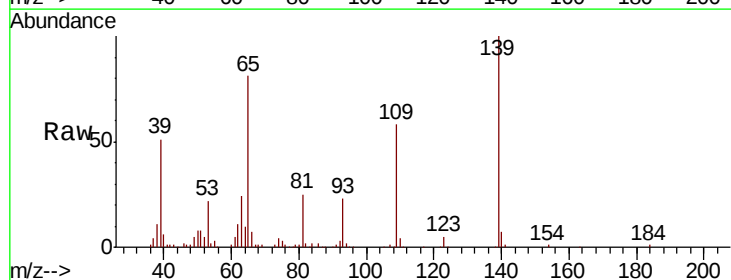


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

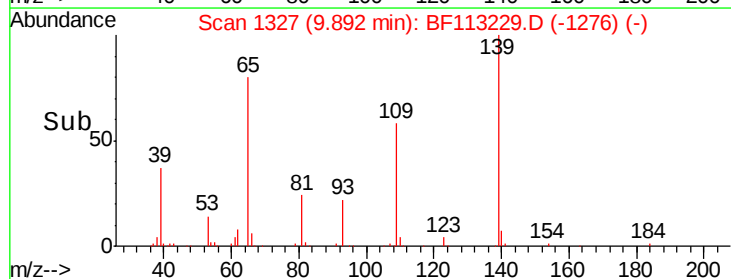
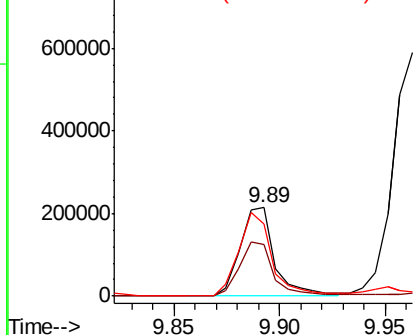


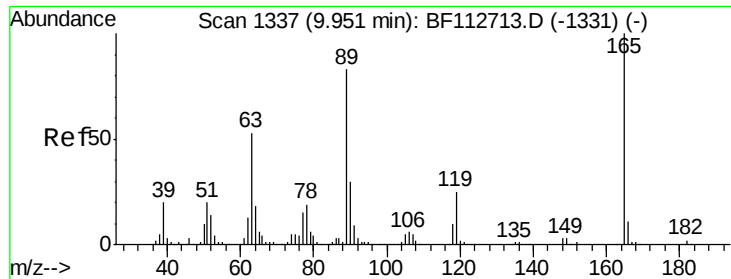
#56
4-Nitrophenol
Concen: 37.947 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:139 Resp: 242645
Ion Ratio Lower Upper
139 100
109 58.1 38.1 78.1
65 81.5 61.5 101.5



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

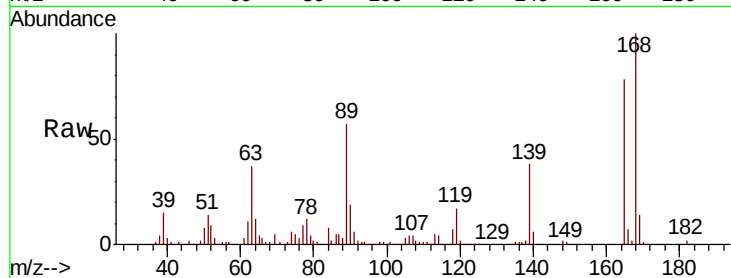




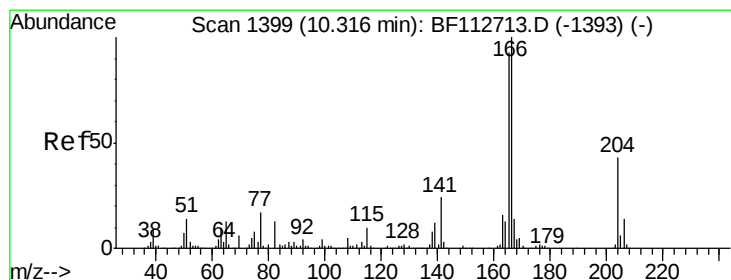
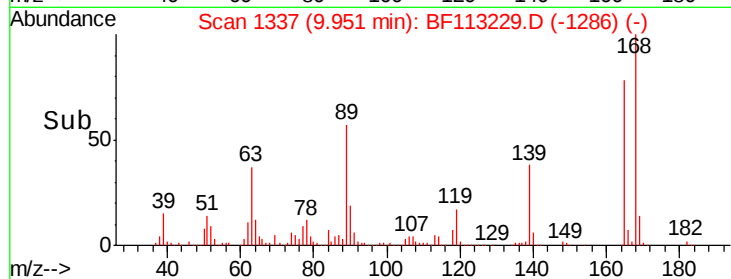
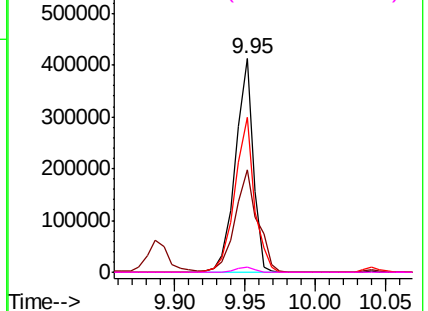
#57
2,4-Dinitrotoluene
Concen: 45.114 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 362082
Ion Ratio Lower Upper
165 100
63 47.9 38.3 57.5
89 72.8 58.2 87.4
182 2.5 2.0 3.0

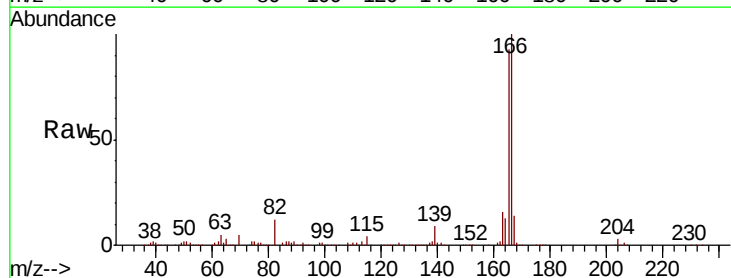


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

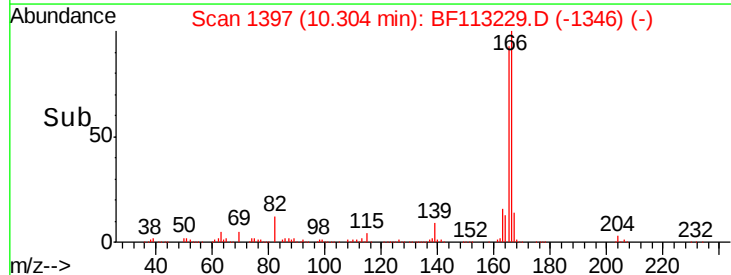
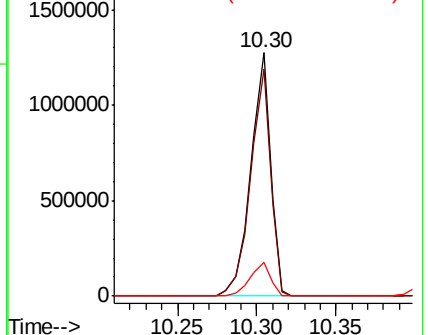


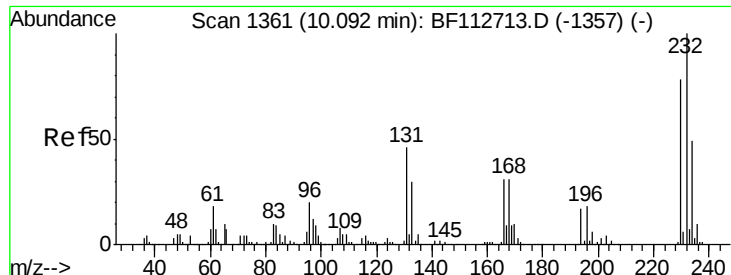
#58
Fluorene
Concen: 40.511 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:166 Resp: 1111109
Ion Ratio Lower Upper
166 100
165 93.3 74.6 112.0
167 13.7 11.0 16.4



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

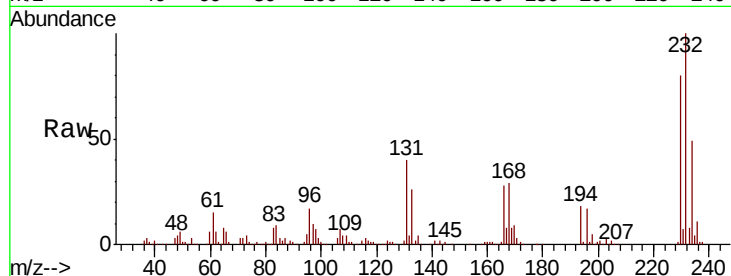




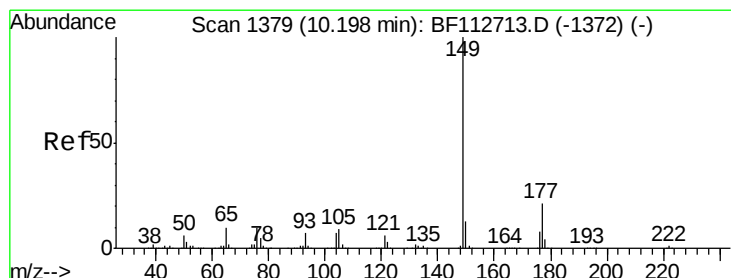
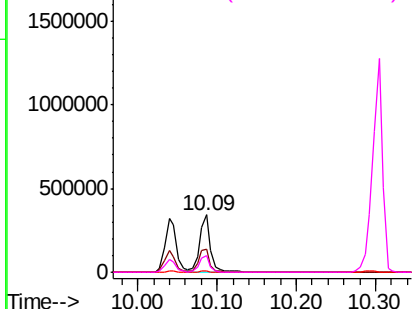
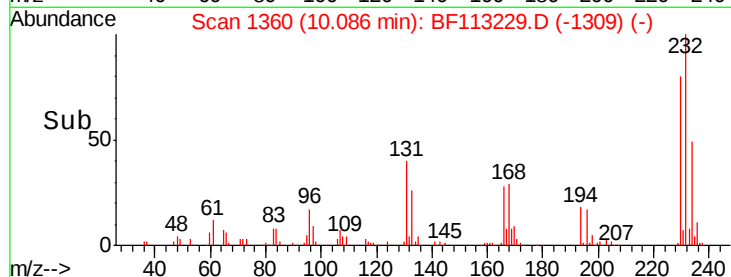
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.981 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.7	32.6	48.8
130	1.9	1.5	2.3
166	27.8	22.2	33.4

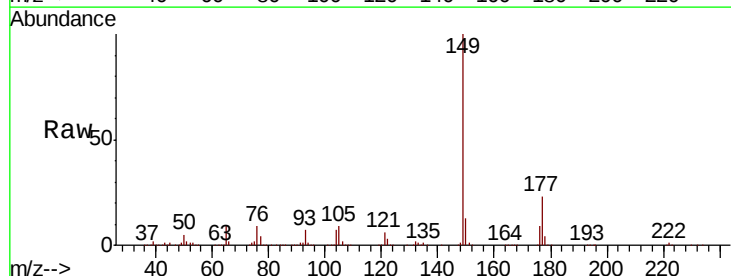


Abundance Ion 232.00 (231.70 to 232.70): E
2000000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

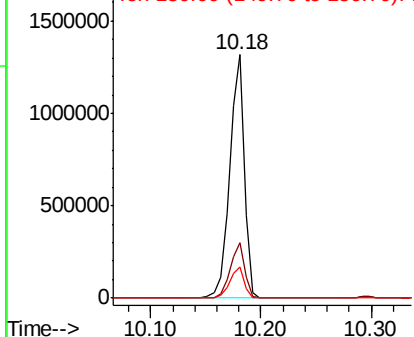
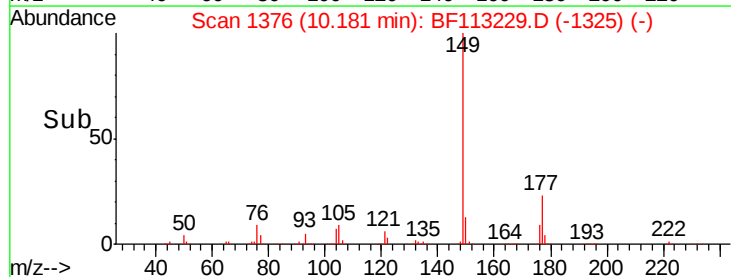


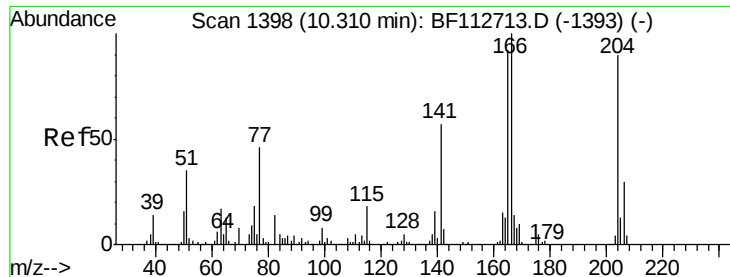
#60
Diethylphthalate
Concen: 37.319 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.3	27.5
150	12.7	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

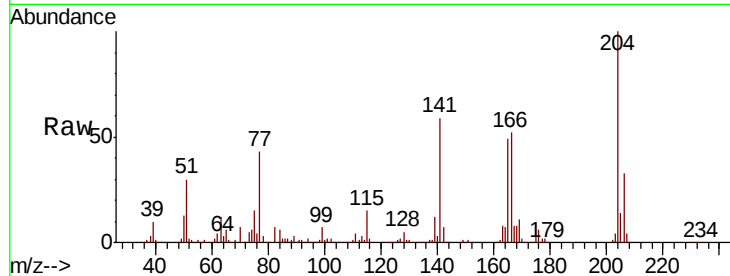




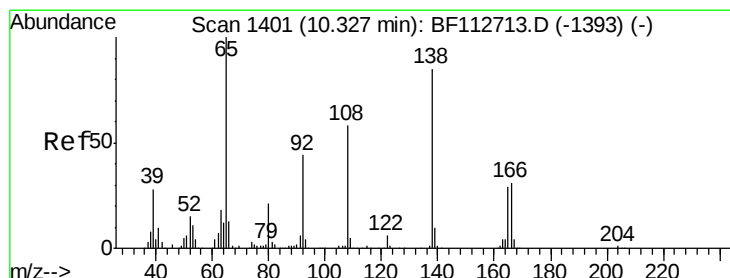
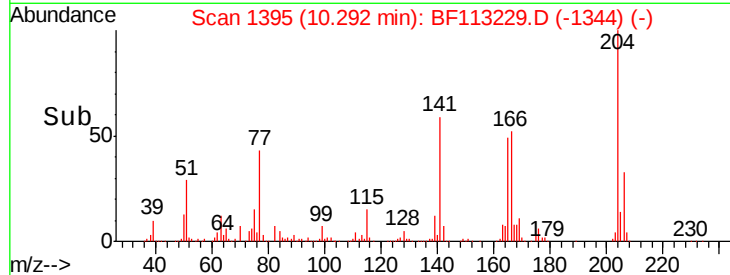
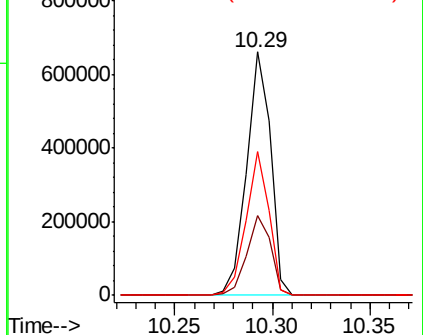
#61
 4-Chlorophenyl-phenylether
 Concen: 44.131 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 563167
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.2 39.2
 141 59.0 47.2 70.8

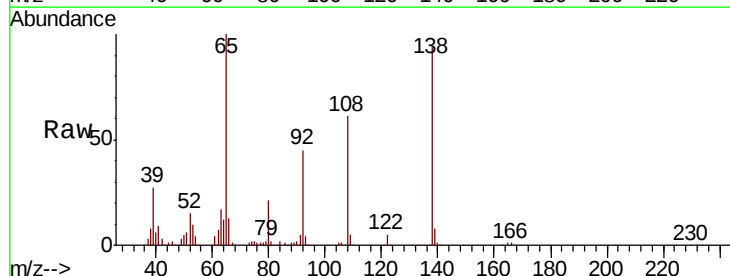


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

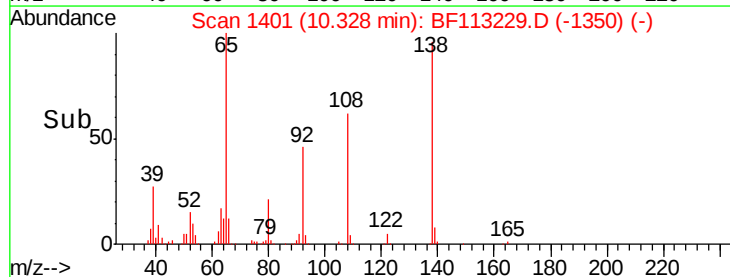
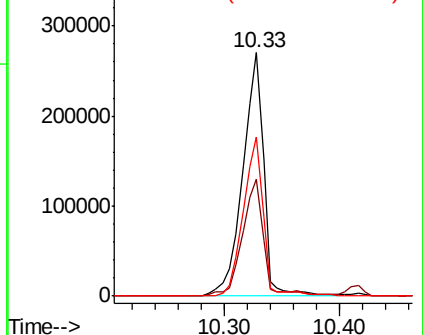


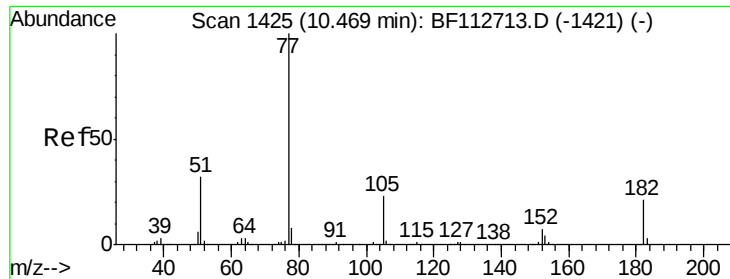
#62
 4-Nitroaniline
 Concen: 46.706 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Tgt Ion:138 Resp: 339565
 Ion Ratio Lower Upper
 138 100
 92 48.1 28.1 68.1
 108 65.2 45.2 85.2



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

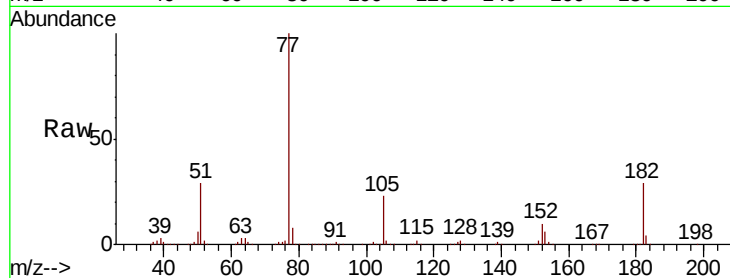




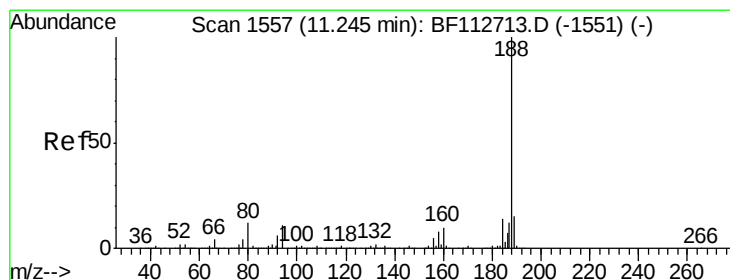
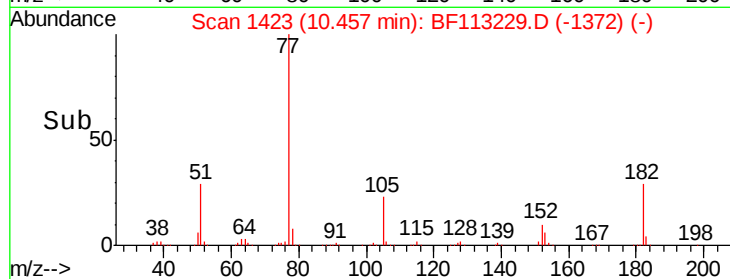
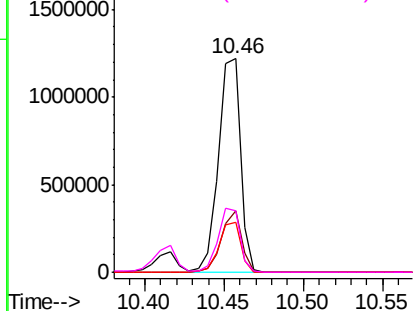
#63
Azobenzene
Concen: 34.996 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1173867
Ion Ratio Lower Upper
77 100
182 28.5 8.5 48.5
105 23.4 3.4 43.4
51 28.8 8.8 48.8

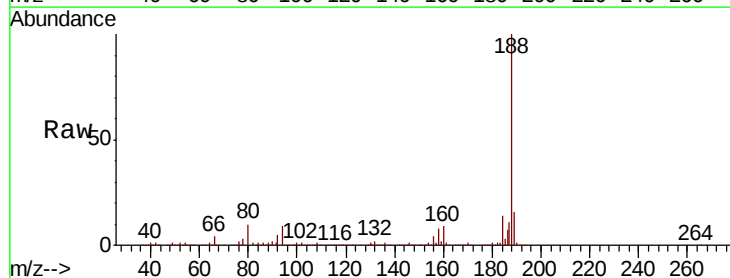


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

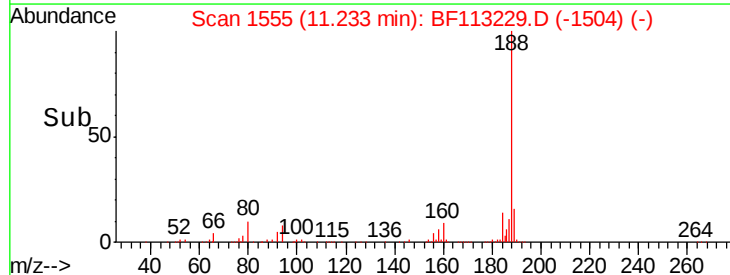
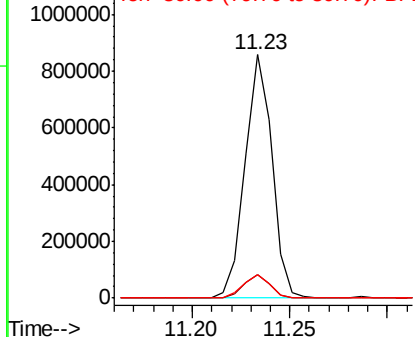


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion: 188 Resp: 824020
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 9.8 7.8 11.8



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

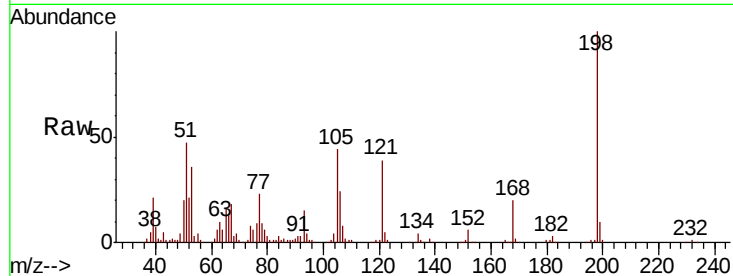




#65
 4,6-Dinitro-2-methylphenol
 Concen: 55.458 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	198	Resp	190453
Ion Ratio	100	Lower	Upper
51	46.8	26.8	66.8
105	43.9	23.9	63.9

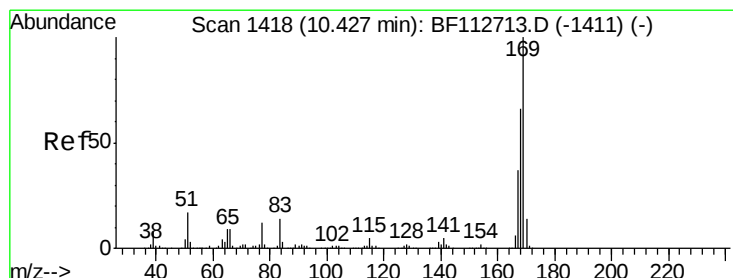
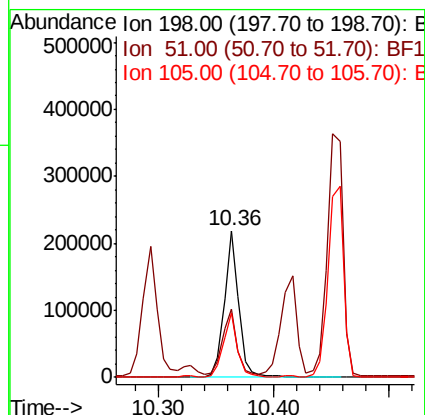
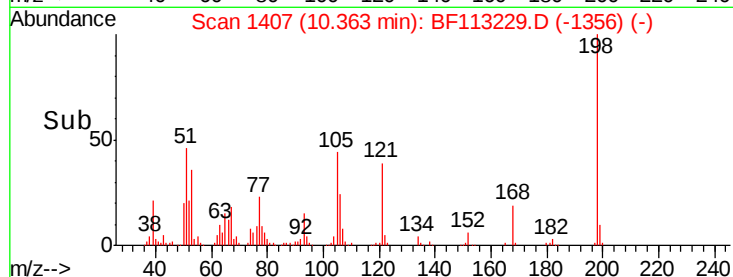


Abundance

Ion 198.00 (197.70 to 198.70): E

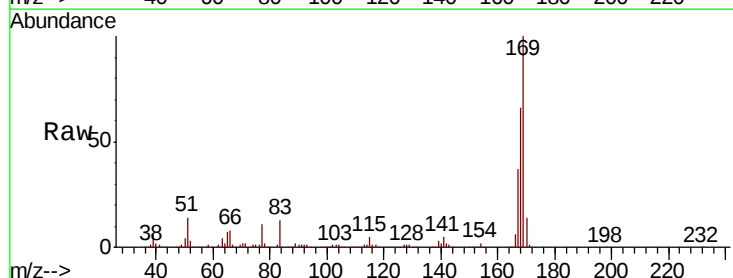
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 39.193 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Tgt Ion	169	Resp	1035765
Ion Ratio	100	Lower	Upper
168	66.4	53.1	79.7
167	36.7	29.4	44.0

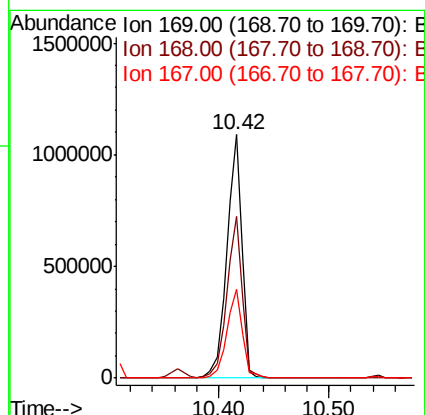
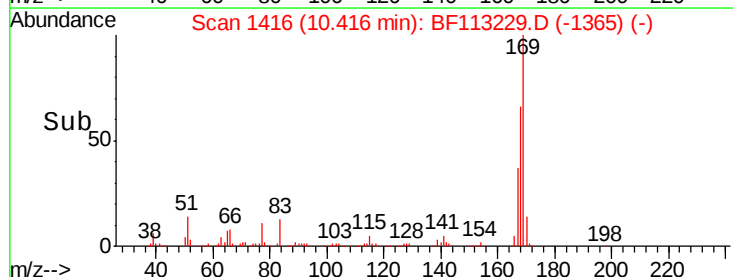


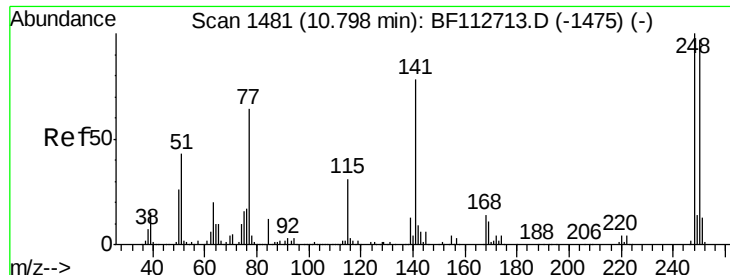
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

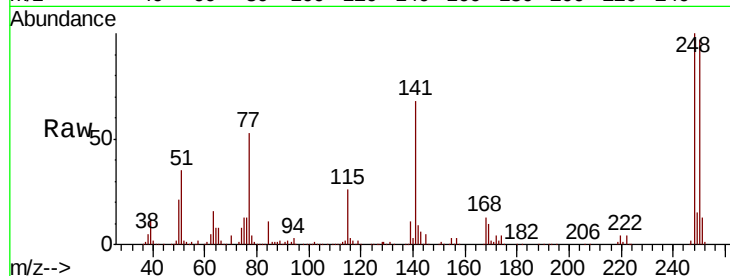




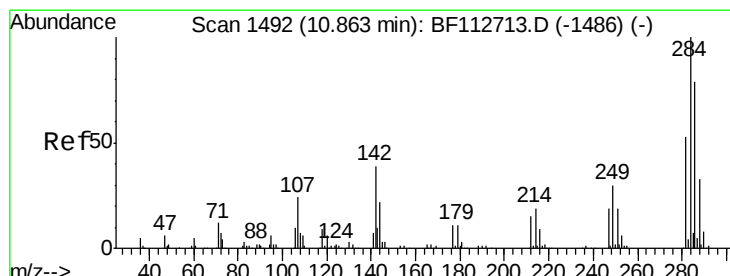
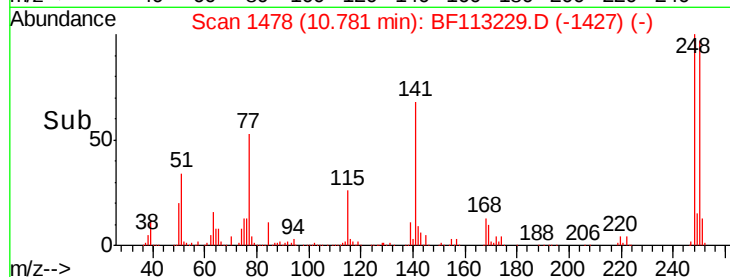
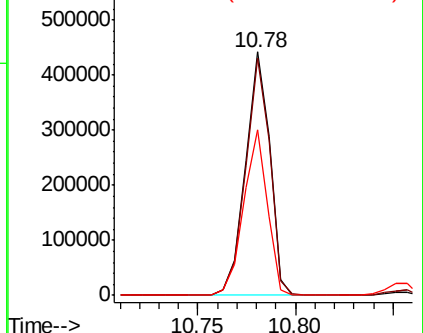
#67
4-Bromophenyl-phenylether
Concen: 44.044 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 382271
Ion Ratio Lower Upper
248 100
250 97.4 77.9 116.9
141 67.8 54.2 81.4

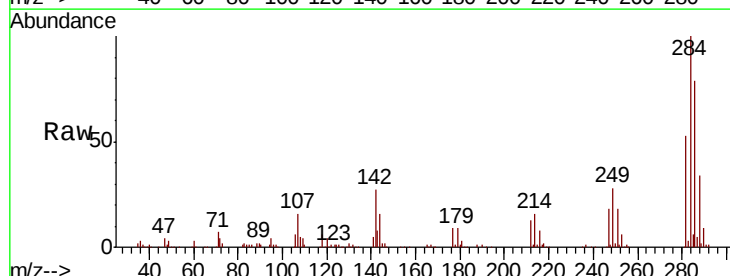


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

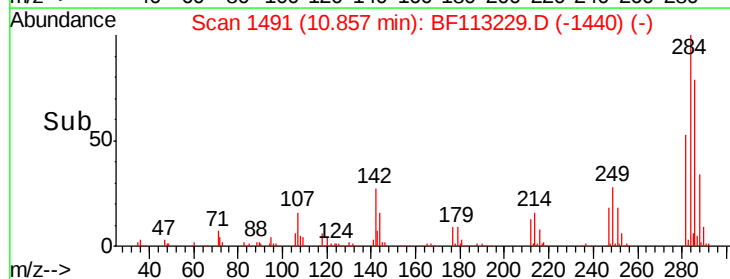
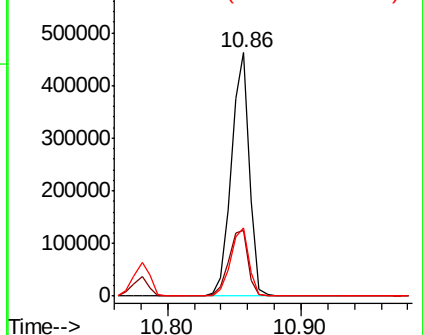


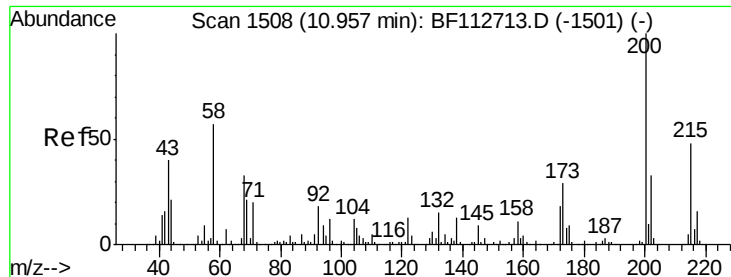
#68
Hexachlorobenzene
Concen: 44.911 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:284 Resp: 439407
Ion Ratio Lower Upper
284 100
142 27.2 21.8 32.6
249 28.2 22.6 33.8



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

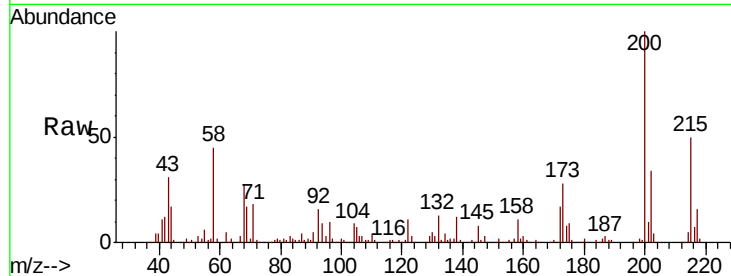




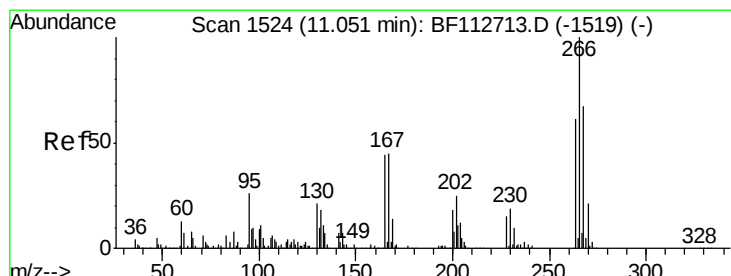
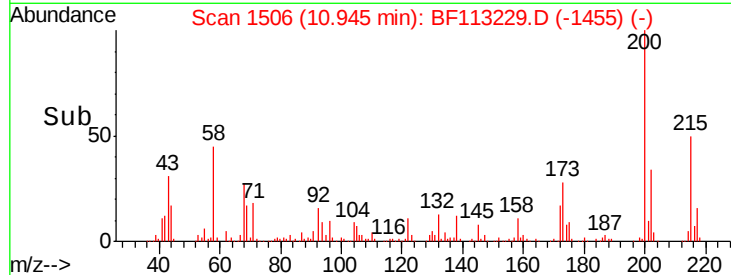
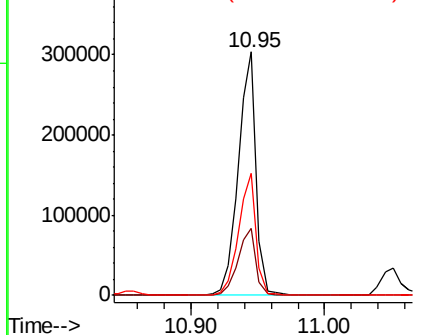
#69
Atrazine
Concen: 34.746 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 281227
Ion Ratio Lower Upper
200 100
173 27.6 7.6 47.6
215 50.0 30.0 70.0

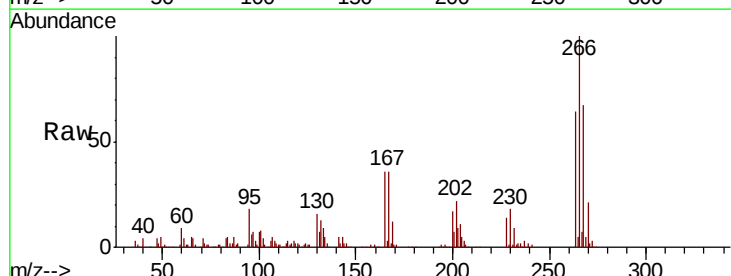


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

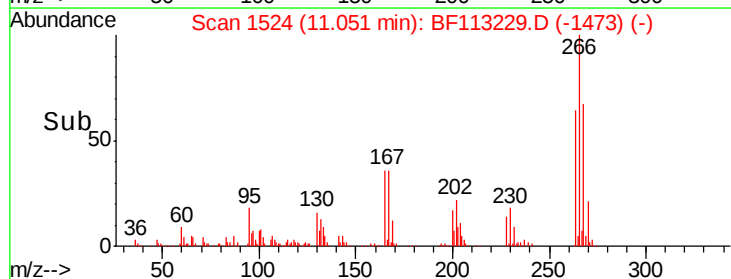
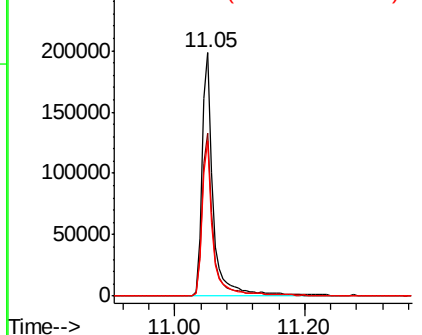


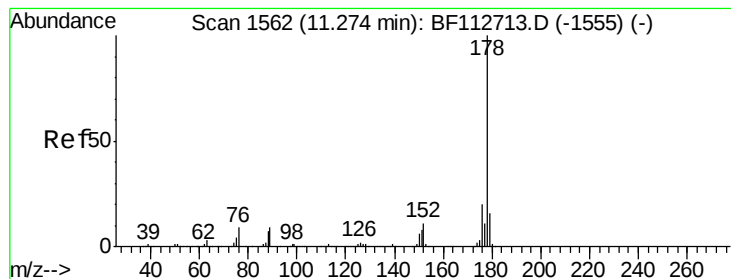
#70
Pentachlorophenol
Concen: 41.150 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:266 Resp: 236964
Ion Ratio Lower Upper
266 100
268 66.7 53.4 80.0
264 64.0 51.2 76.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.741 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

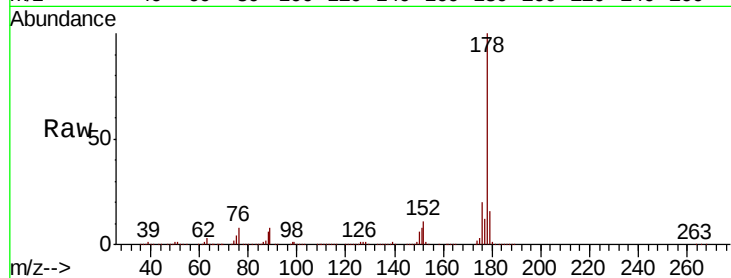
Tot Ion:178 Resp: 1629324

Ion Ratio Lower Upper

178 100

176 20.4 16.3 24.5

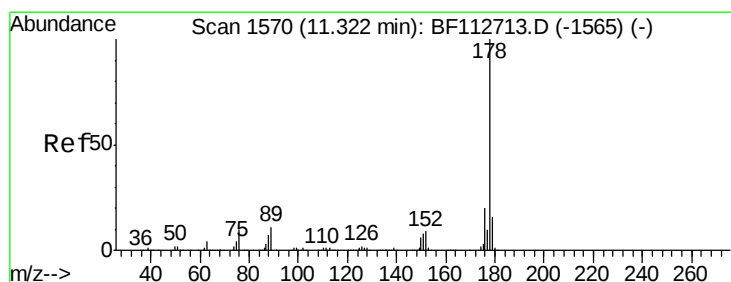
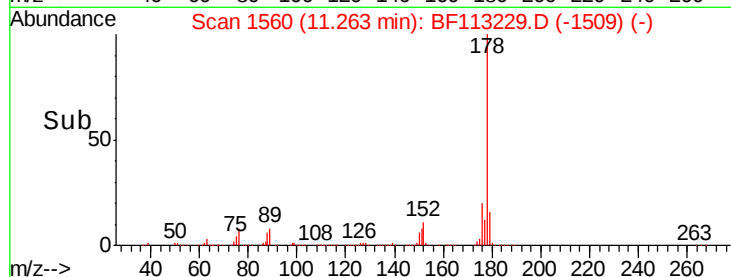
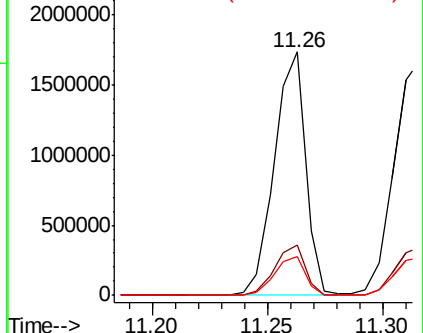
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.818 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

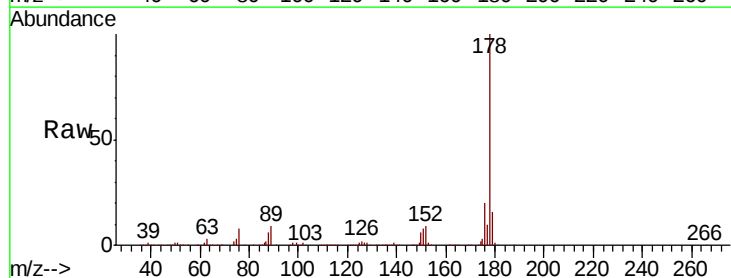
Tgt Ion:178 Resp: 1665947

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

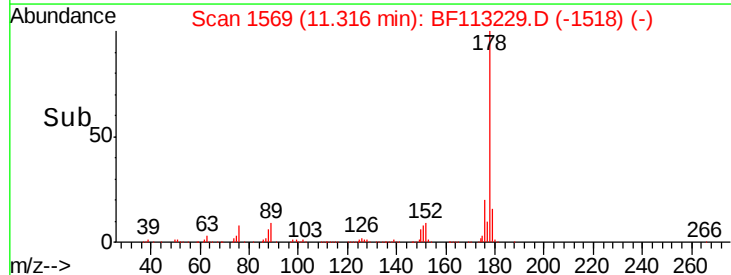
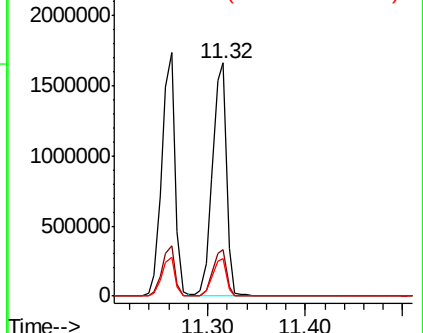
179 16.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

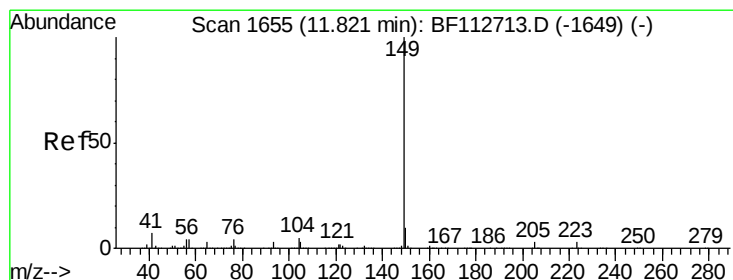
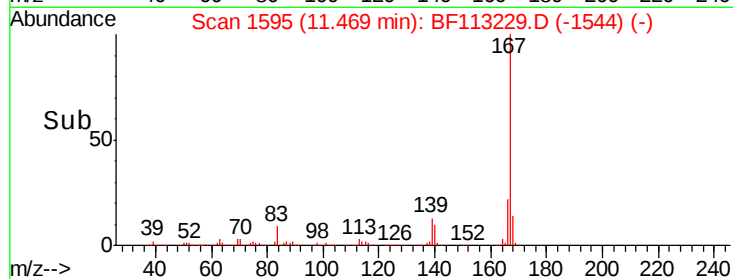
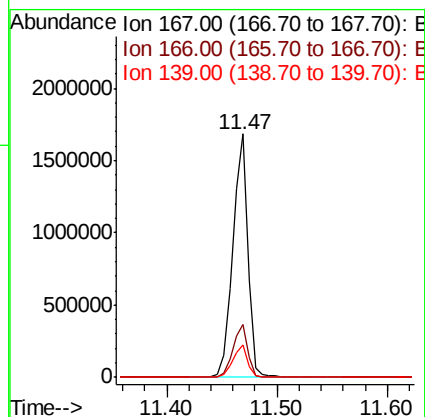
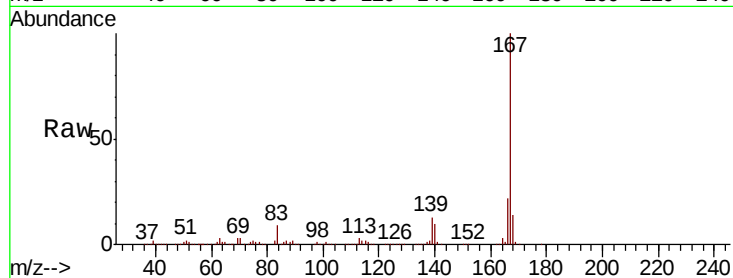




#73
 Carbazole
 Concen: 38.609 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

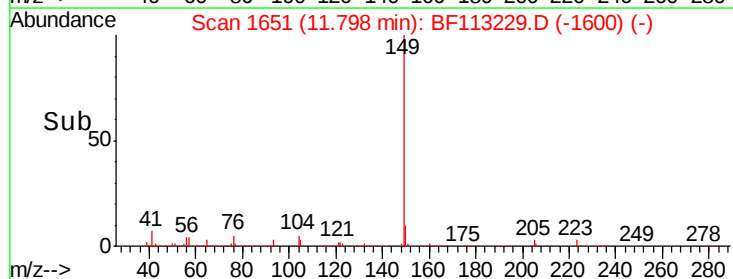
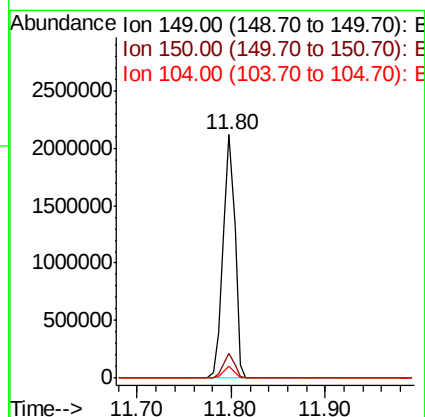
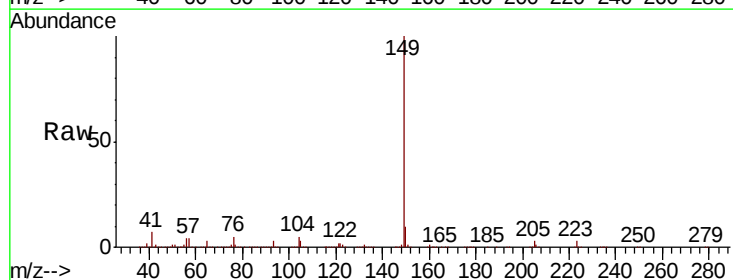
Instrument :
 BNA_F
 ClientSampleId :

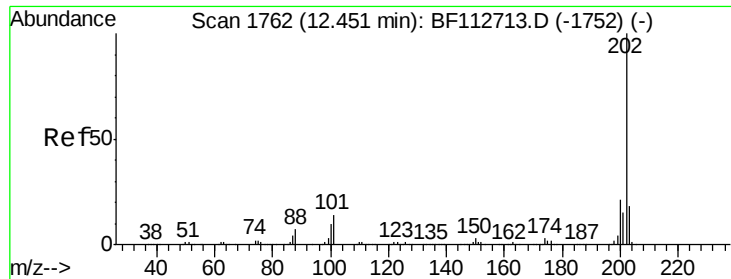
Tot Ion:167 Resp: 1616357
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 37.477 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

Tgt Ion:149 Resp: 1881292
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.9 11.9
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 40.881 ng

RT: 12.45 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

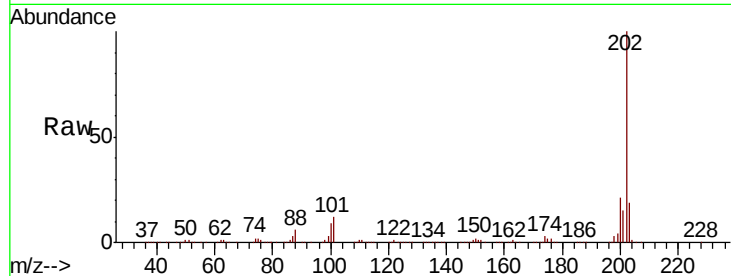
Tot Ion:202 Resp: 1795680

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.0

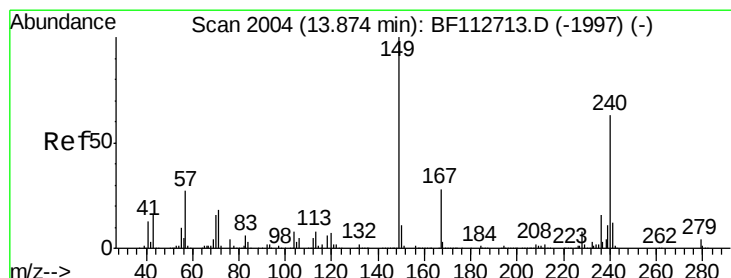
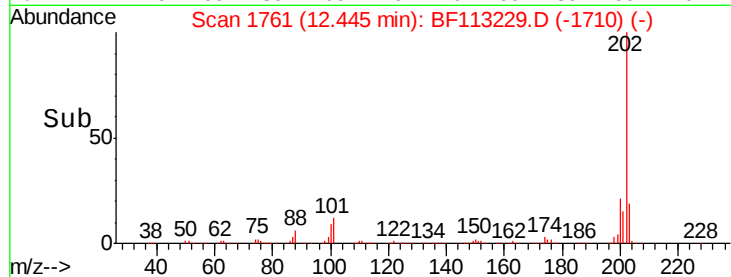
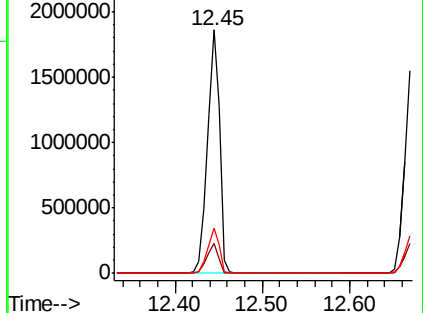
203 18.8 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

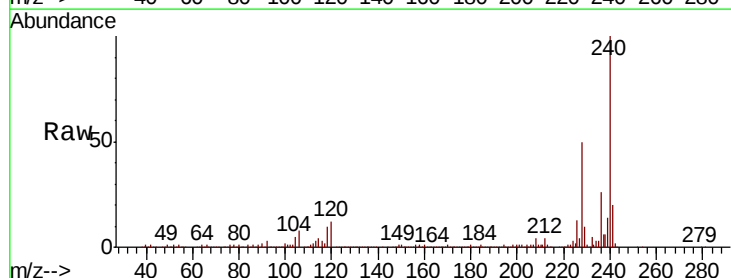
Tgt Ion:240 Resp: 648868

Ion Ratio Lower Upper

240 100

120 12.0 9.6 14.4

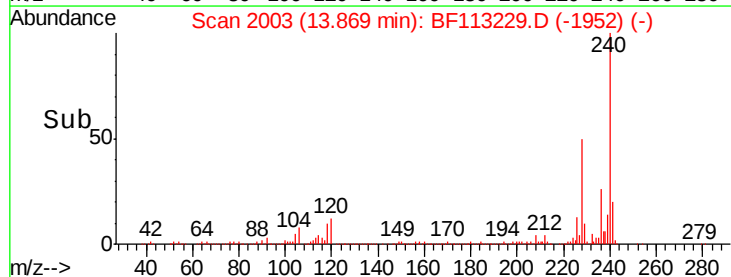
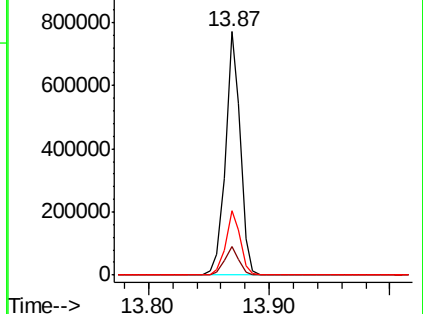
236 26.4 21.1 31.7

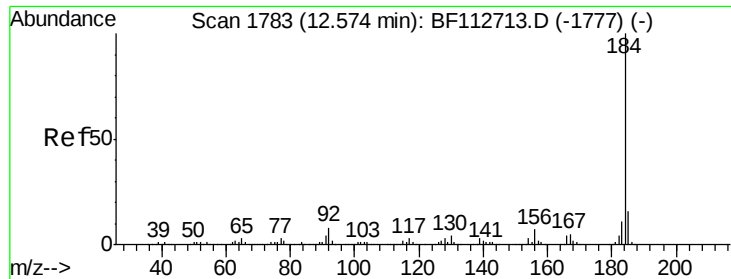


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

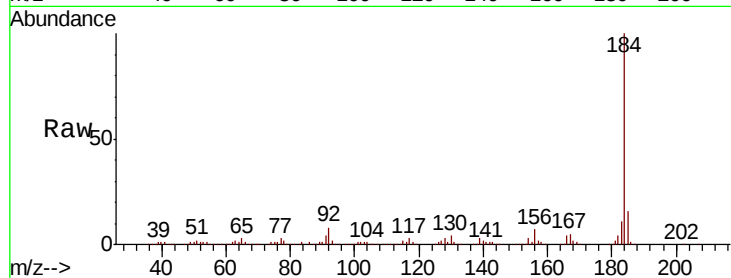




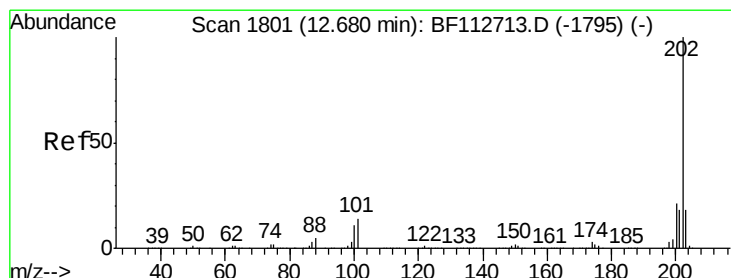
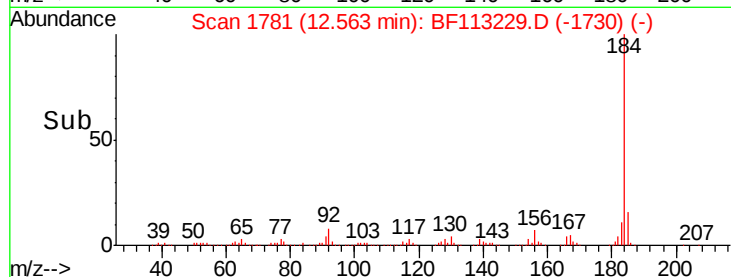
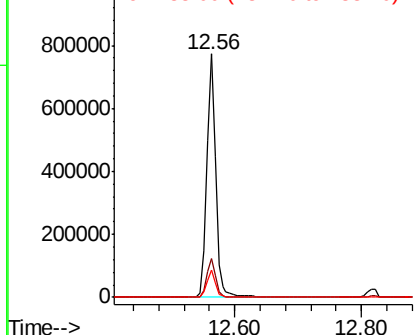
#77
Benzidine
Concen: 22.096 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 743841
Ion Ratio Lower Upper
184 100
185 16.1 12.9 19.3
183 11.0 8.8 13.2

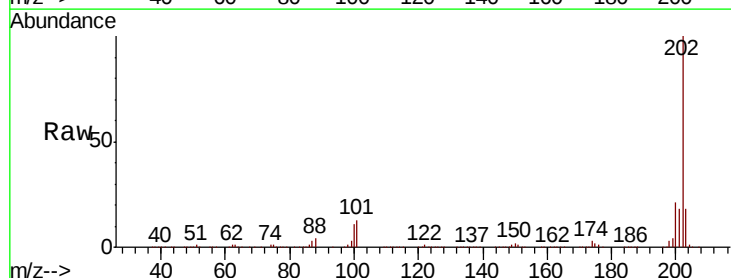


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

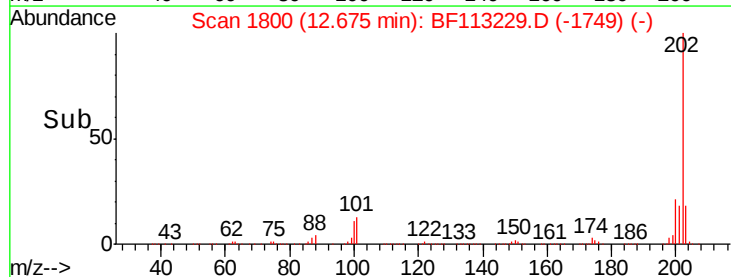
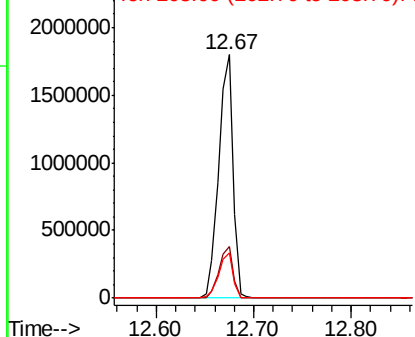


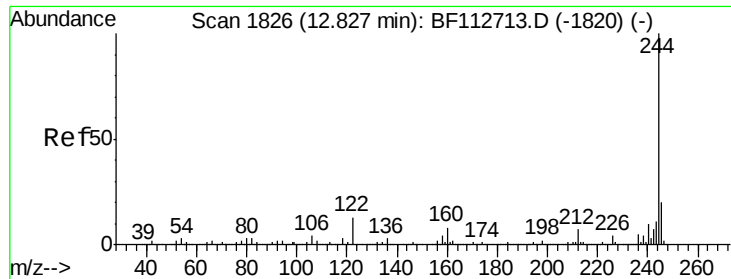
#78
Pyrene
Concen: 33.540 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:202 Resp: 1834654
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 18.4 14.7 22.1



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



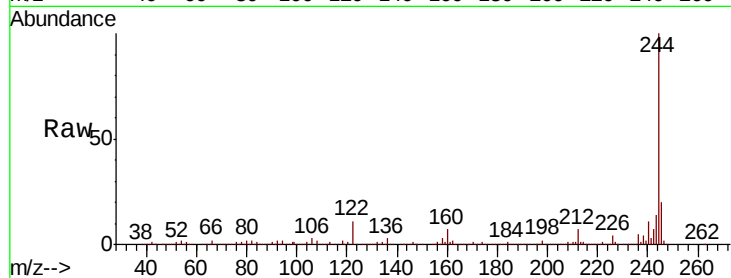


#79
 Terphenyl-d14
 Concen: 65.668 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

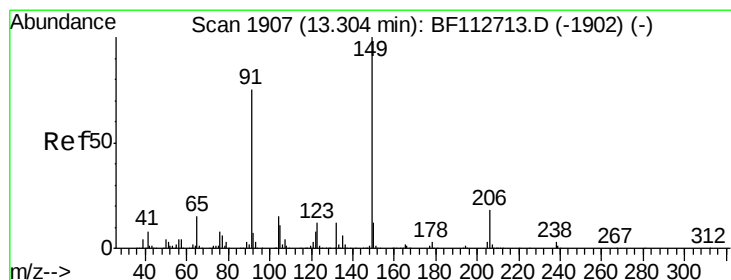
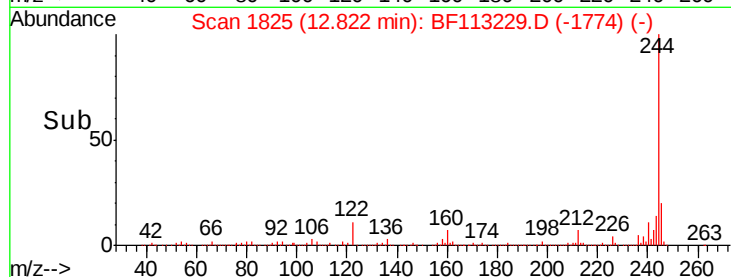
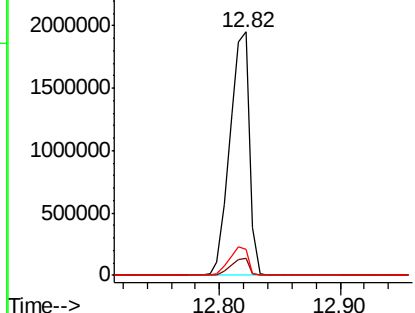
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2198089

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.5	8.4	12.6



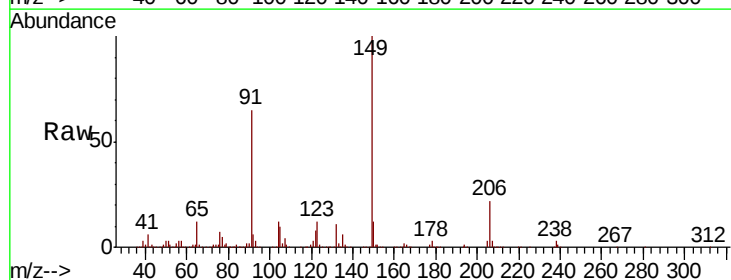
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



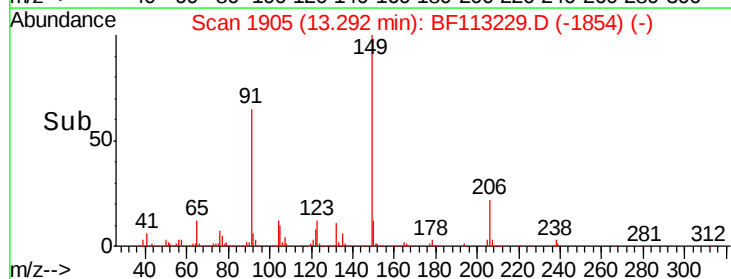
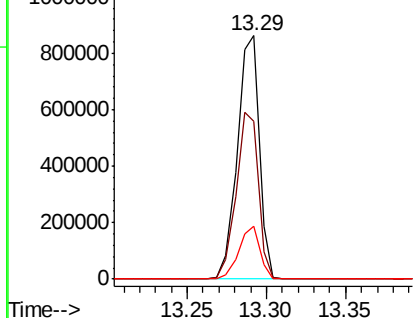
#80
 Butylbenzylphthalate
 Concen: 34.267 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BF113229.D
 Acq: 22 Mar 2019 12:36

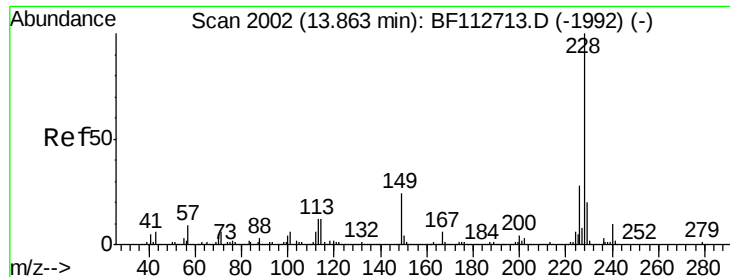
Tgt Ion:149 Resp: 827380

Ion	Ratio	Lower	Upper
149	100		
91	65.0	52.0	78.0
206	21.9	17.5	26.3



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





#81

Benzo(a)anthracene

Concen: 33.395 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampleId :

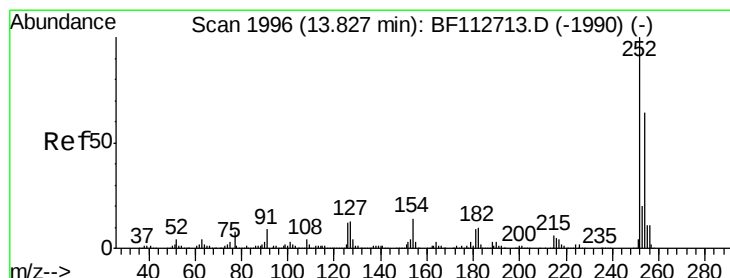
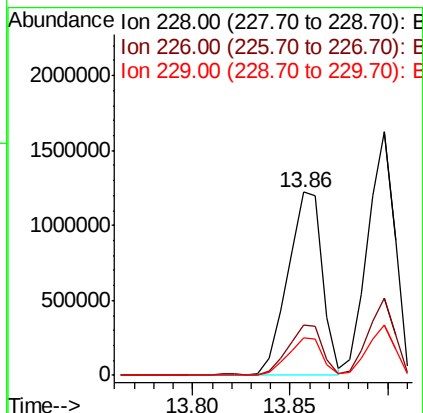
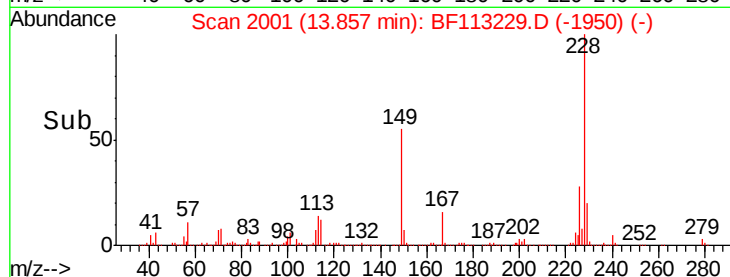
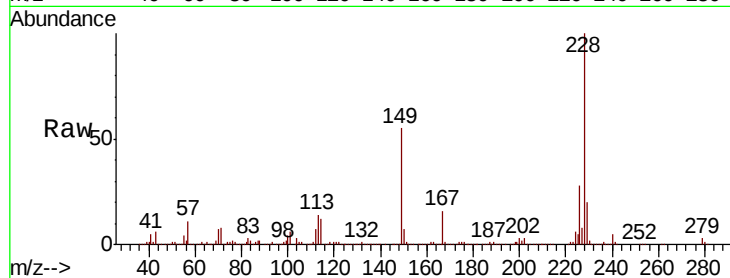
Tot Ion:228 Resp: 1501821

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 20.5 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 37.534 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

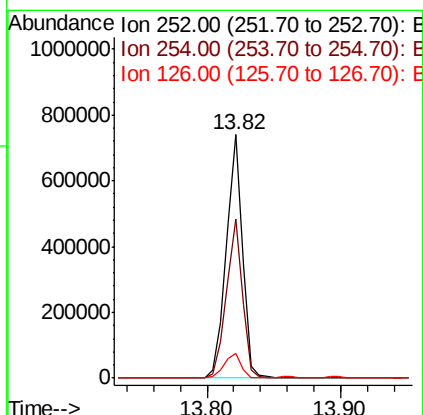
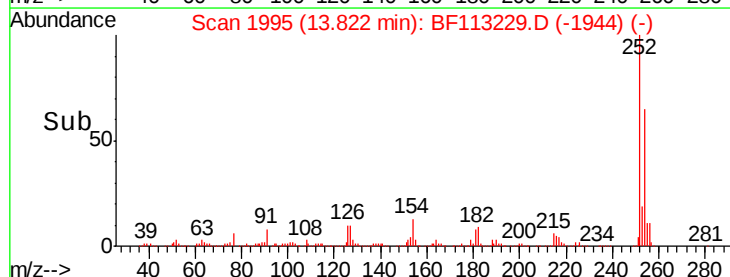
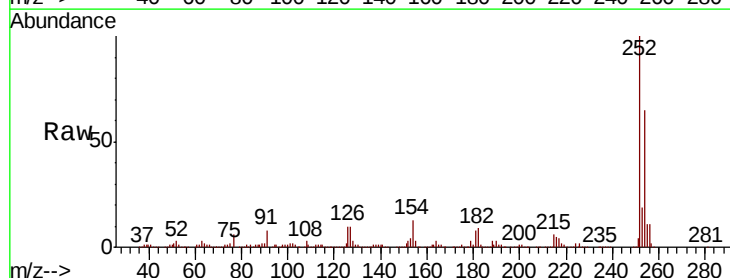
Tgt Ion:252 Resp: 638392

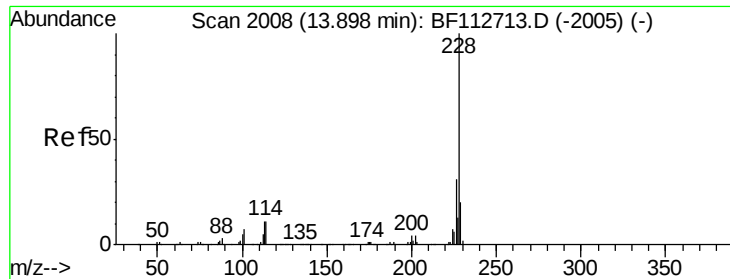
Ion Ratio Lower Upper

252 100

254 65.3 52.2 78.4

126 10.4 8.3 12.5

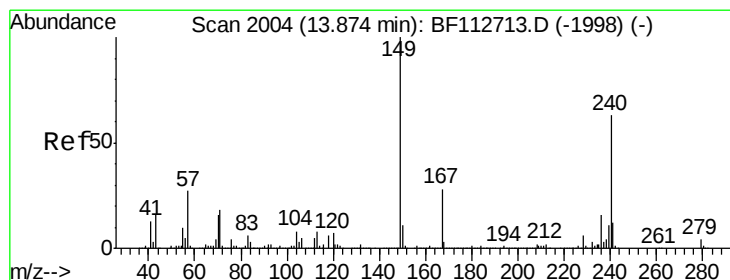
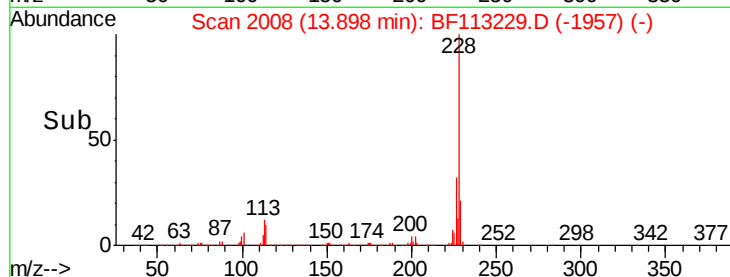
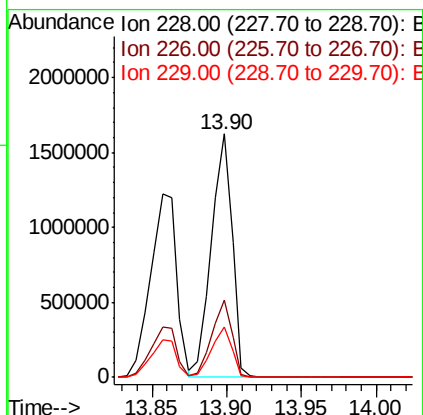
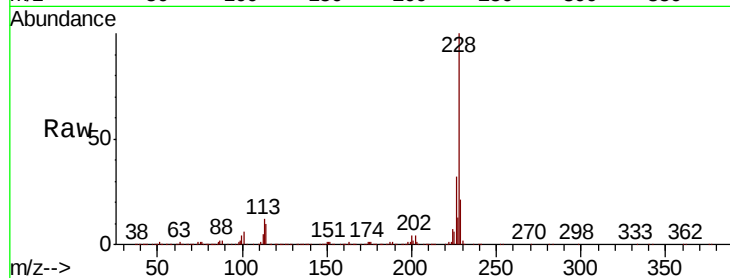




#83
Chrysene
Concen: 35.601 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

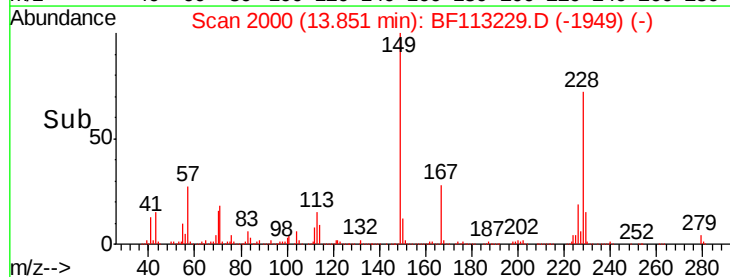
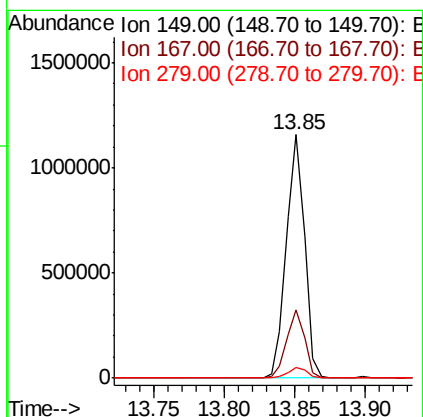
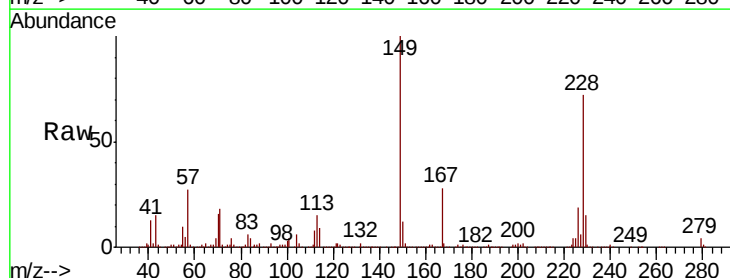
Instrument :
BNA_F
ClientSampleId :

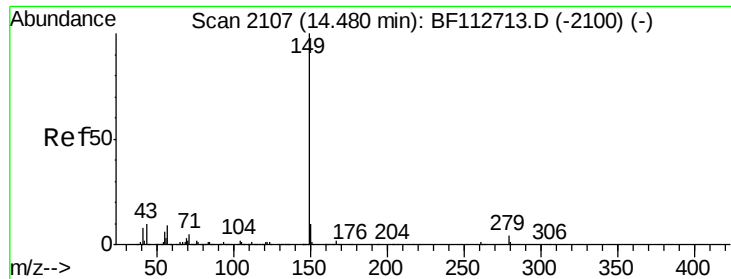
Tot Ion:228 Resp: 1568221
Ion Ratio Lower Upper
228 100
226 31.6 25.3 37.9
229 20.8 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.813 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:149 Resp: 1042578
Ion Ratio Lower Upper
149 100
167 28.2 22.6 33.8
279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 38.003 ng

RT: 14.46 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

Instrument :

BNA_F

ClientSampled :

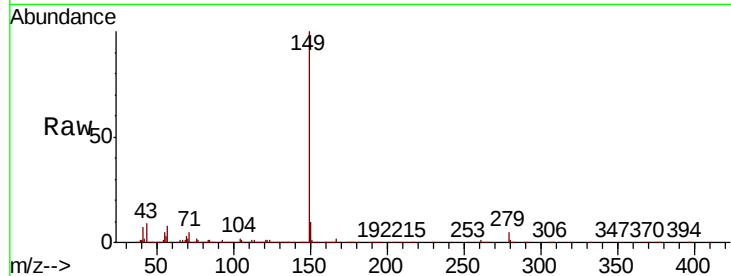
Tot Ion:149 Resp: 1848140

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

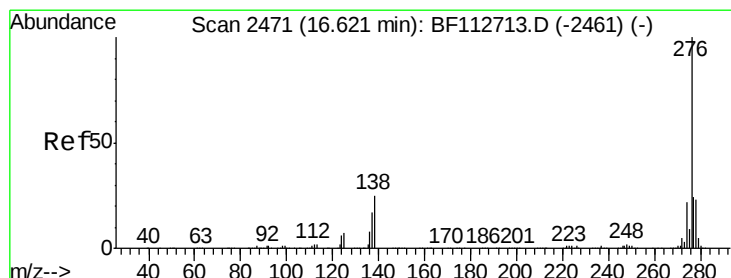
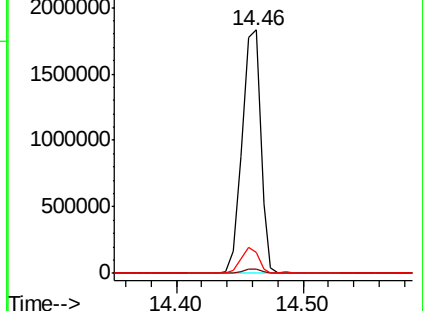
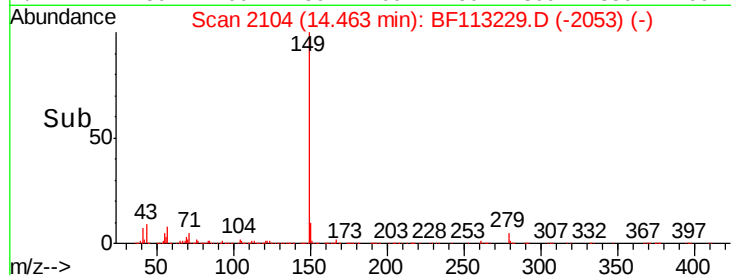
43 10.3 8.2 12.4



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: 35.413 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BF113229.D

Acq: 22 Mar 2019 12:36

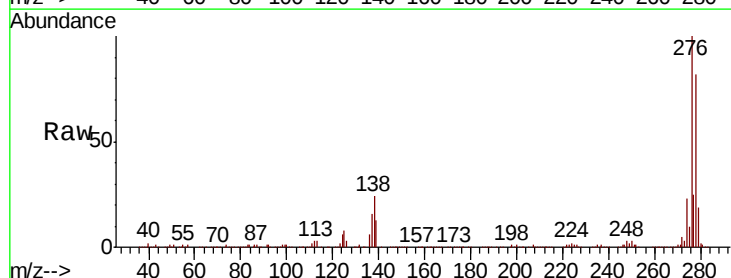
Tgt Ion:276 Resp: 1329919

Ion Ratio Lower Upper

276 100

138 23.8 19.0 28.6

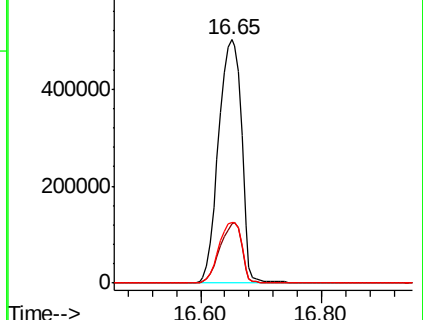
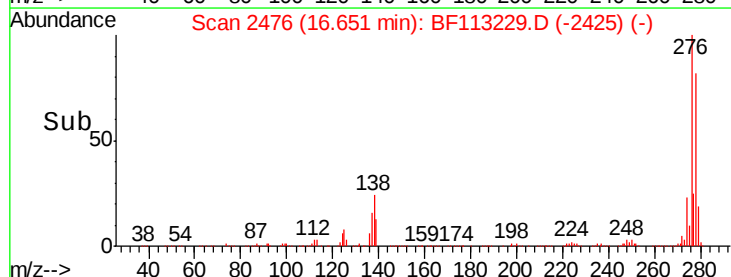
277 25.1 20.1 30.1

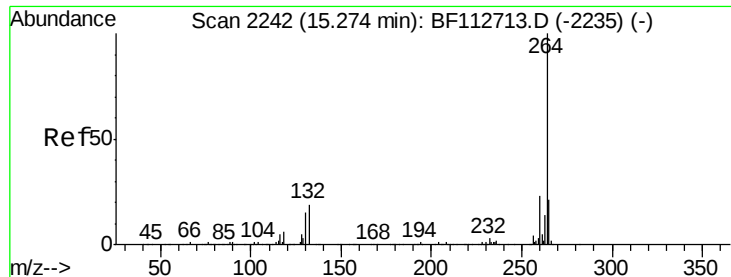


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

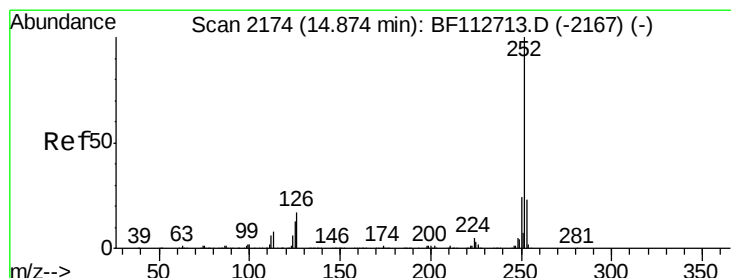
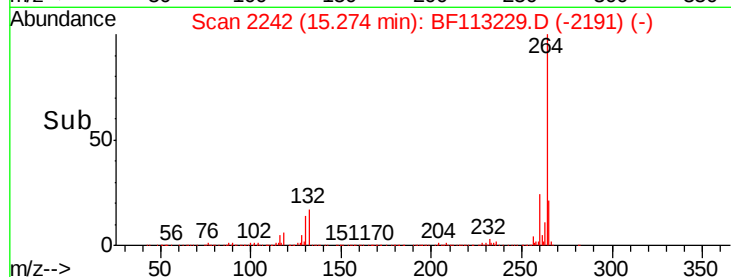
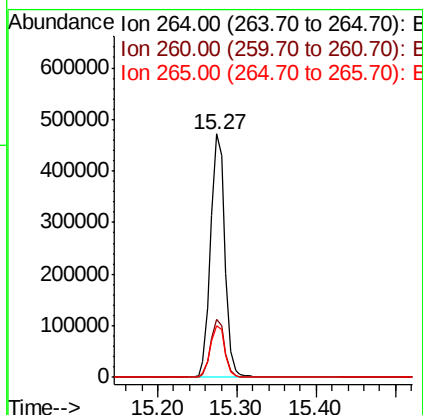
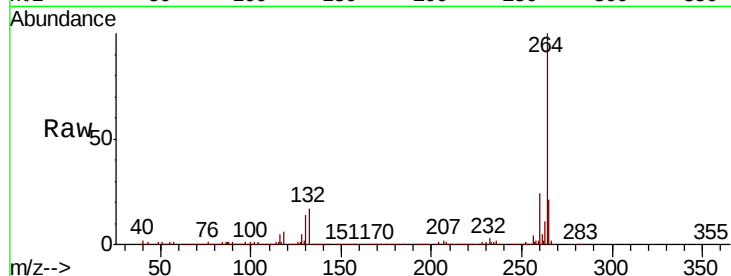




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

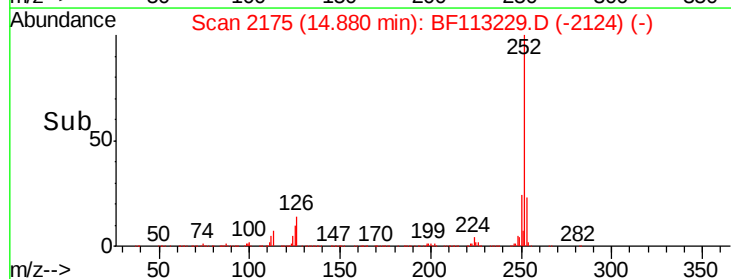
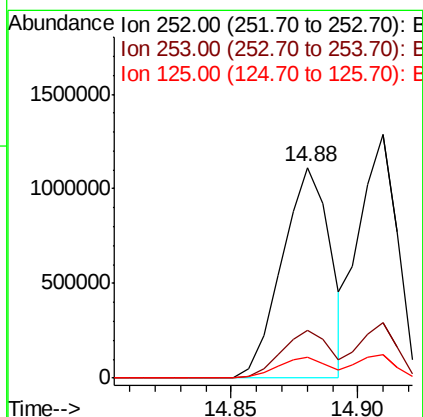
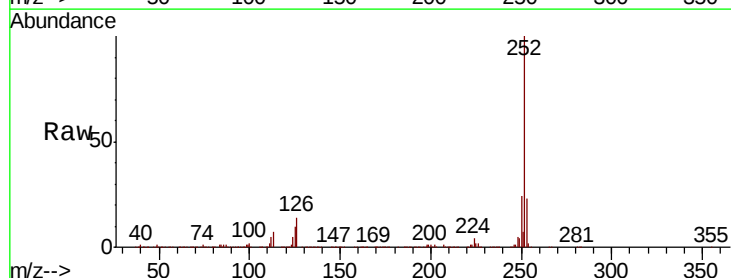
Instrument :
BNA_F
ClientSampleId :

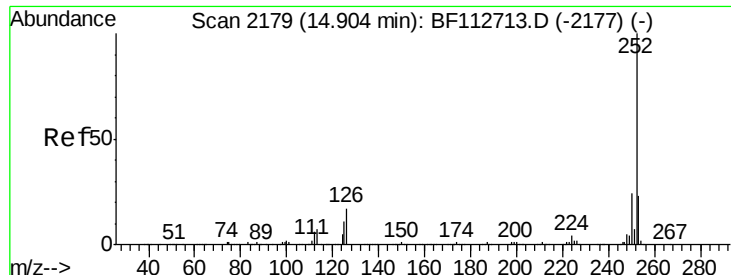
Tot Ion:264 Resp: 589490
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 21.4 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 38.768 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:252 Resp: 1478207
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.2 8.2 12.2

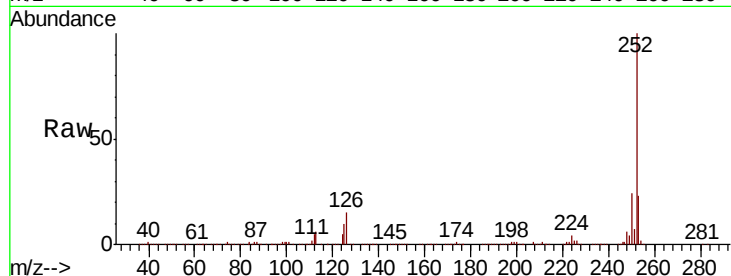




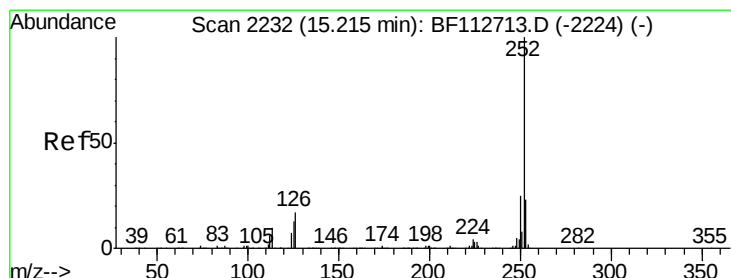
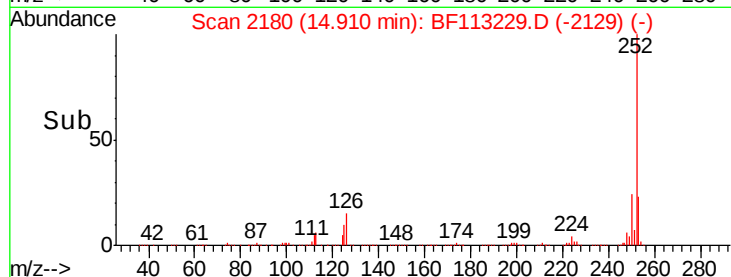
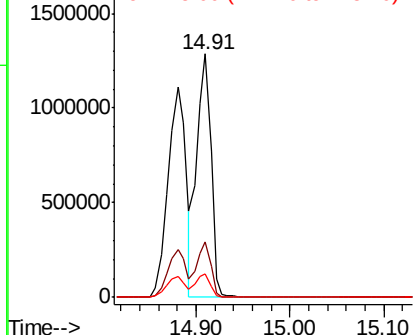
#89
Benzo(k)fluoranthene
Concen: 39.042 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1348440
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 9.9 7.9 11.9

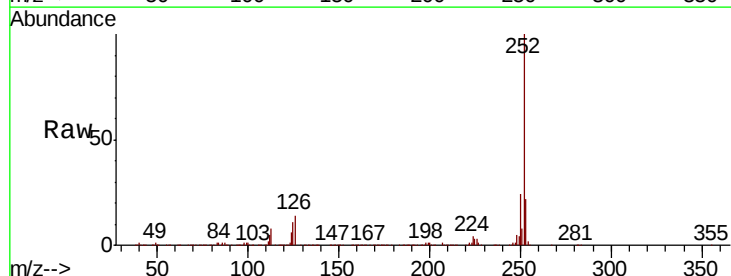


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

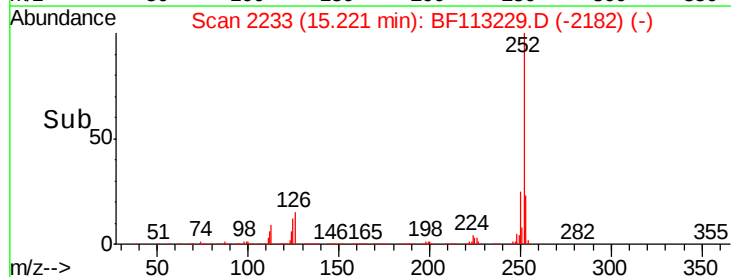
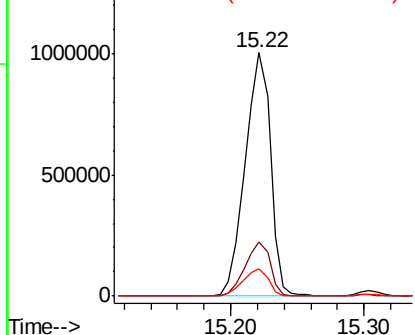


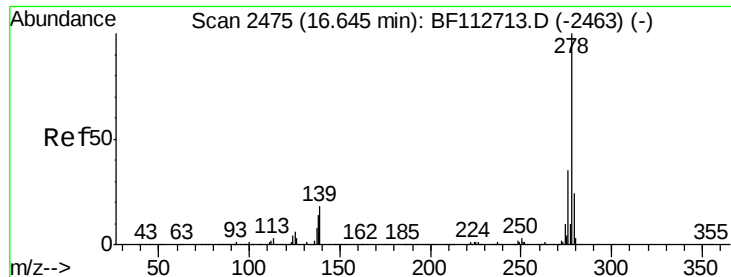
#90
Benzo(a)pyrene
Concen: 39.017 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:252 Resp: 1315898
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 11.5 9.2 13.8



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

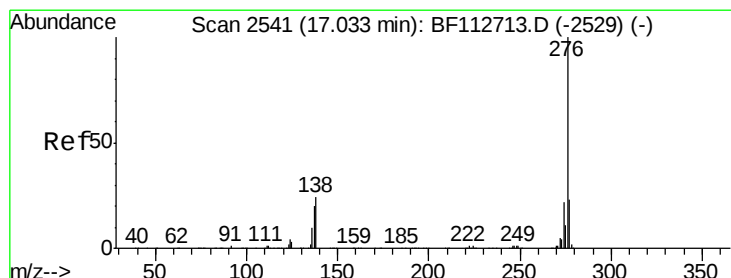
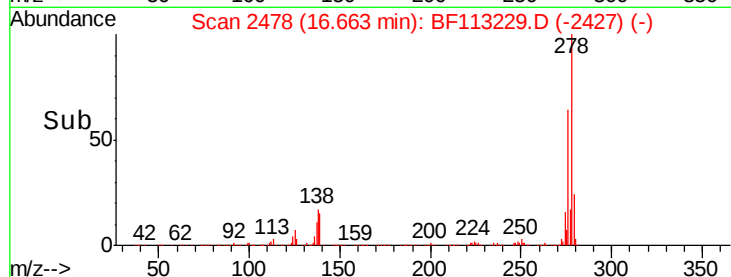
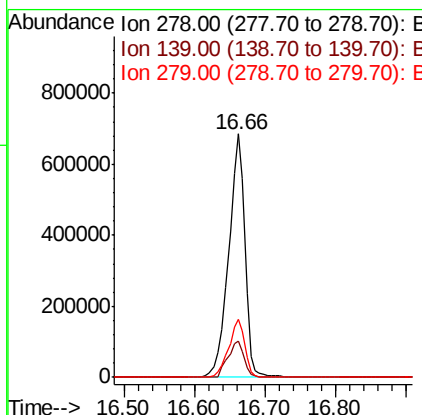
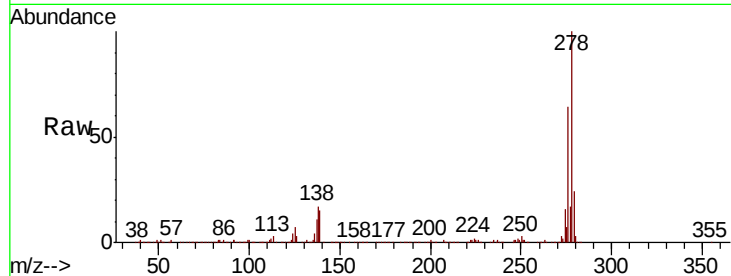




#91
Dibenzo(a,h)anthracene
Concen: 38.122 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1097142
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.9 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 37.994 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BF113229.D
Acq: 22 Mar 2019 12:36

Tgt Ion:276 Resp: 1097962
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 20.0 16.0 24.0

