

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113546.D
 Acq On : 3 Apr 2019 13:54
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 14:33:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 14:08:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	141918	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	545609	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	259297	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	496771	20.00	ng	0.00
76) Chrysene-d12	13.84	240	301790	20.00	ng	0.00
87) Perylene-d12	15.25	264	279988	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1218539	140.40	ng	0.00
7) Phenol-d6	6.35	99	1466936	133.60	ng	0.01
23) Nitrobenzene-d5	7.26	82	1407363	153.10	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	443017	138.32	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	2274098	128.61	ng	0.00
79) Terphenyl-d14	12.80	244	2204663	161.02	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	304304	69.103	ng	99
3) Pyridine	3.03	79	819006	75.443	ng	99
4) n-Nitrosodimethylamine	3.00	42	354724	73.501	ng	99
6) Aniline	6.36	93	911056	68.136	ng	97
8) 2-Chlorophenol	6.48	128	699960	69.447	ng	97
9) Benzaldehyde	6.23	77	386560	52.465	ng	98
10) Phenol	6.36	94	845286	67.434	ng	90
11) bis(2-Chloroethyl)ether	6.43	93	685149	71.306	ng	97
12) 1,3-Dichlorobenzene	6.63	146	764872	70.401	ng	97
13) 1,4-Dichlorobenzene	6.70	146	773524	73.739	ng	99
14) 1,2-Dichlorobenzene	6.86	146	671064	65.025	ng	99
15) Benzyl Alcohol	6.85	79	499151	68.909	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	1029960	71.354	ng	97
17) 2-Methylphenol	6.96	107	546129	69.141	ng	95
18) Hexachloroethane	7.20	117	284836	75.599	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	458325	66.454	ng	96
20) 3+4-Methylphenols	7.12	107	622376	62.917	ng	89
22) Acetophenone	7.11	105	894989	71.928	ng	98
24) Nitrobenzene	7.28	77	731236	76.230	ng	95
25) Isophorone	7.53	82	1382529	77.606	ng	100
26) 2-Nitrophenol	7.59	139	402426	79.368	ng	100
27) 2,4-Dimethylphenol	7.65	122	556486	76.297	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	853527	76.082	ng	100
29) 2,4-Dichlorophenol	7.85	162	591266	74.806	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	648672	76.068	ng	99
31) Naphthalene	8.00	128	1924041	72.163	ng	99
32) Benzoic acid	7.83	122	469644	79.993	ng	99
33) 4-Chloroaniline	8.05	127	781044	75.122	ng	99
34) Hexachlorobutadiene	8.12	225	389373	76.824	ng	98
35) Caprolactam	8.46	113	152606	60.159	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	597762	75.191	ng	98
37) 2-Methylnaphthalene	8.69	142	1259430	75.703	ng	99
38) 1-Methylnaphthalene	8.79	142	1202639	75.155	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	617720	74.215	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	234910	66.677	nq	98
43) 2,4,6-Trichlorophenol	8.97	196	401710	74.114	nq	99
44) 2,4,5-Trichlorophenol	9.02	196	429668	71.630	nq	99
46) 1,1'-Biphenyl	9.16	154	1517219	70.059	nq	98
47) 2-Chloronaphthalene	9.18	162	1186572	71.162	nq	98
48) 2-Nitroaniline	9.28	65	374090	71.491	nq	98
49) Acenaphthylene	9.59	152	1835737	68.089	nq	99
50) Dimethylphthalate	9.46	163	1433709	74.610	nq	99
51) 2,6-Dinitrotoluene	9.53	165	313969	72.425	nq	98
52) Acenaphthene	9.76	154	1082675	71.308	nq	99
53) 3-Nitroaniline	9.70	138	353275	72.263	nq	98
54) 2,4-Dinitrophenol	9.81	184	162120	75.191	nq	95
55) Dibenzofuran	9.93	168	1524952	66.810	nq	98
56) 4-Nitrophenol	9.87	139	234460	67.270	nq	91
57) 2,4-Dinitrotoluene	9.94	165	357609	64.868	nq	100
58) Fluorene	10.28	166	1210268	68.255	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	373191	73.571	nq	99
60) Diethylphthalate	10.16	149	1328174	70.457	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	604469	69.945	nq	99
62) 4-Nitroaniline	10.32	138	362586	72.036	nq	98
63) Azobenzene	10.43	77	1263741	71.218	nq	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	213063	78.402	nq	98
66) n-Nitrosodiphenylamine	10.39	169	1127282	73.951	nq	100
67) 4-Bromophenyl-phenylether	10.76	248	413059	76.289	nq	99
68) Hexachlorobenzene	10.83	284	472075	75.115	nq	98
69) Atrazine	10.93	200	350901	72.931	nq	99
70) Pentachlorophenol	11.03	266	243684	74.422	nq	99
71) Phenanthrene	11.24	178	1772923	71.866	nq	99
72) Anthracene	11.29	178	1775608	70.860	nq	99
73) Carbazole	11.45	167	1675065	70.055	nq	99
74) Di-n-butylphthalate	11.77	149	2011230	72.535	nq	99
75) Fluoranthene	12.42	202	1830260	65.627	nq	100
77) Benzidine	12.54	184	650163	56.257	nq	95
78) Pyrene	12.65	202	1811651	86.628	nq	99
80) Butylbenzylphthalate	13.26	149	742690	80.582	nq	96
81) Benzo(a)anthracene	13.84	228	1307173	75.669	nq	99
82) 3,3'-Dichlorobenzidine	13.80	252	473044	68.258	nq	100
83) Chrysene	13.87	228	1348697	76.864	nq	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	873863	77.343	nq	100
85) Di-n-octyl phthalate	14.43	149	1434887	74.817	nq	100
86) Indeno(1,2,3-cd)pyrene	16.63	276	1482996	98.480	nq	100
88) Benzo(b)fluoranthene	14.86	252	1224603	70.409	nq	99
89) Benzo(k)fluoranthene	14.89	252	1153668	75.531	nq	100
90) Benzo(a)pyrene	15.20	252	1143140	74.137	nq	99
91) Dibenzo(a,h)anthracene	16.64	278	1197073	89.786	nq	99
92) Benzo(g,h,i)perylene	17.04	276	1274746	94.826	nq	98

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

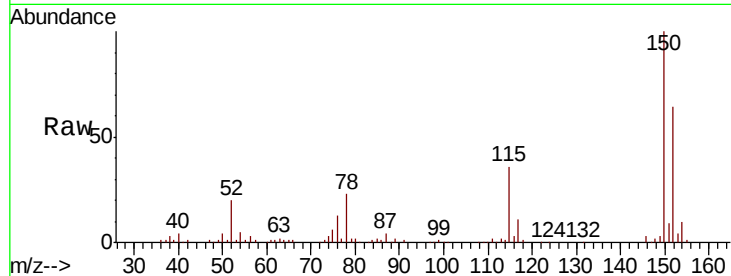


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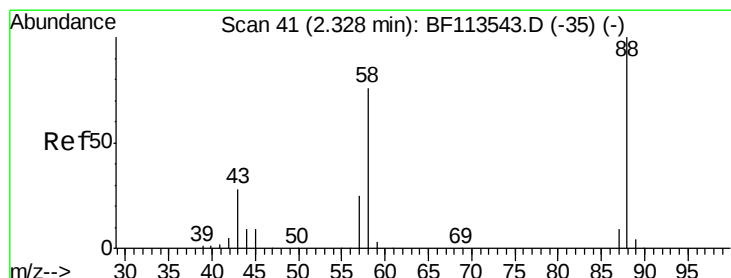
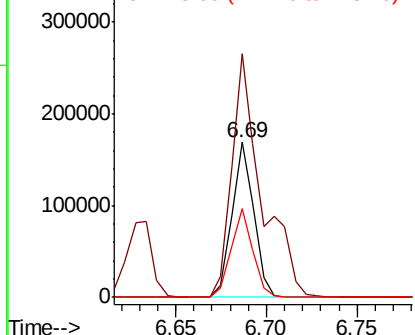
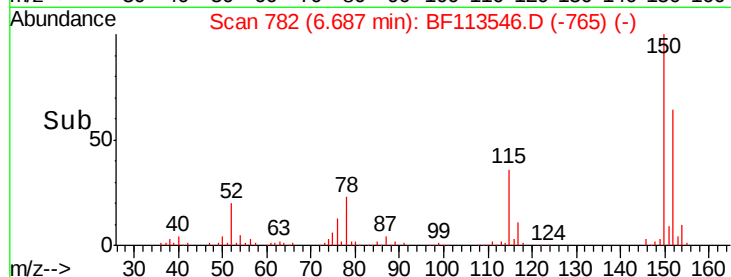
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 141918
Ion Ratio Lower Upper
152 100
150 156.9 126.7 190.1
115 56.9 44.2 66.2



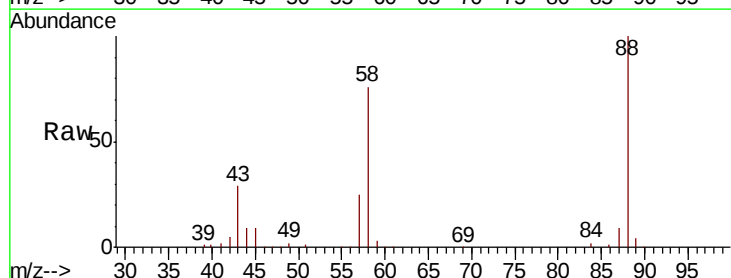
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



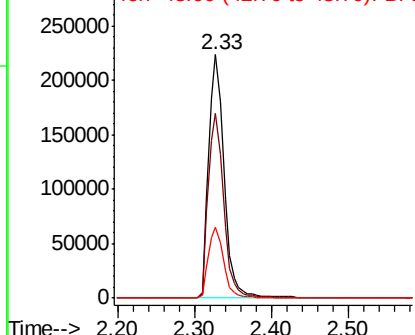
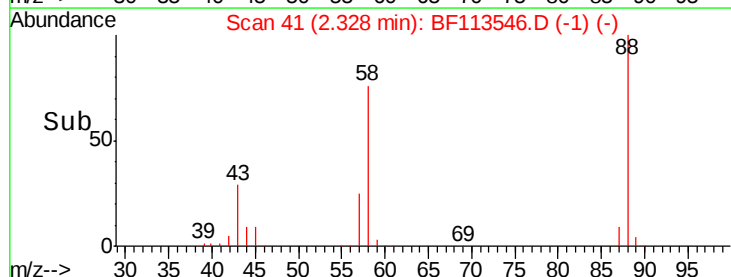
#2

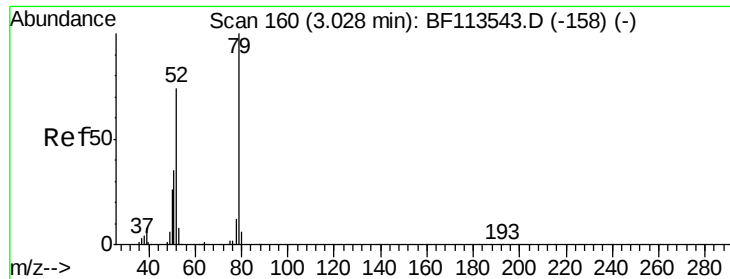
1,4-Dioxane
Concen: 69.103 ng
RT: 2.33 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion: 88 Resp: 304304
Ion Ratio Lower Upper
88 100
58 77.3 62.9 94.3
43 29.0 23.4 35.0



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: 75.443 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.00 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

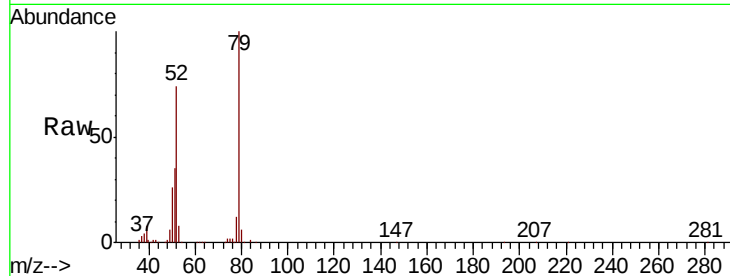
Tot Ion: 79 Resp: 819006

Ion Ratio Lower Upper

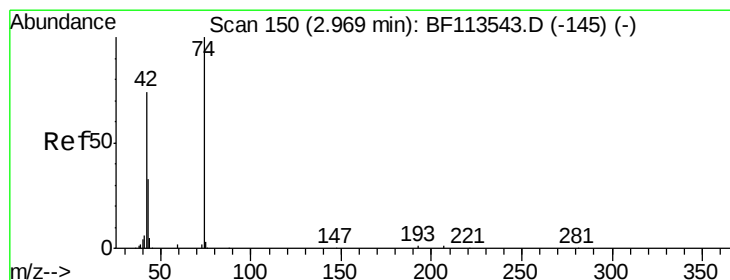
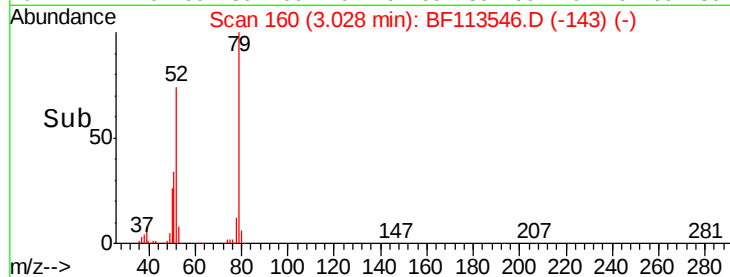
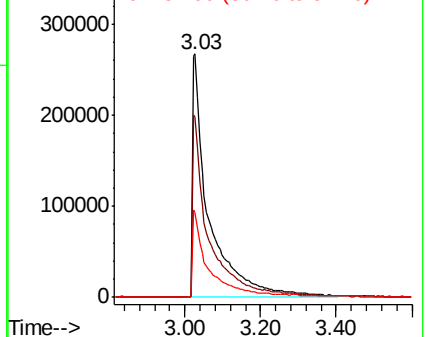
79 100

52 74.5 59.5 89.3

51 34.7 28.8 43.2



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: 73.501 ng

RT: 3.00 min Scan# 155

Delta R.T. 0.03 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

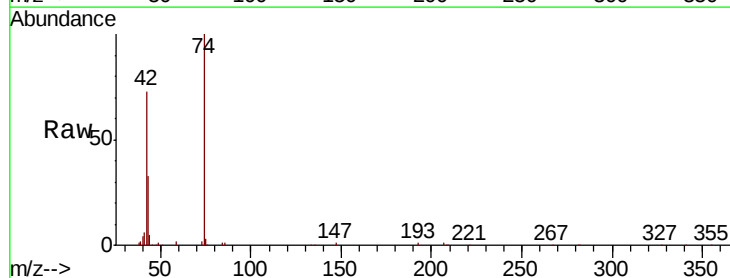
Tgt Ion: 42 Resp: 354724

Ion Ratio Lower Upper

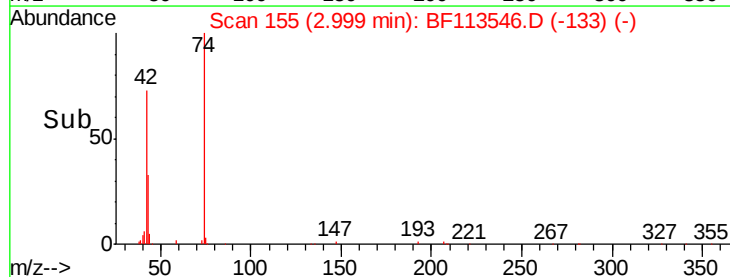
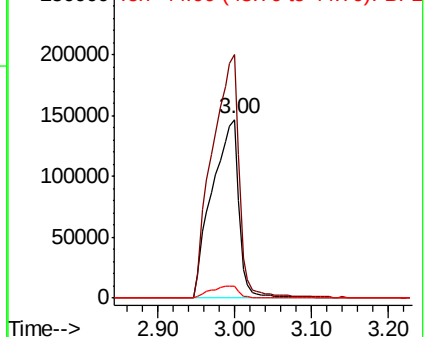
42 100

74 136.4 108.6 162.8

44 6.8 5.8 8.8



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: 140.395 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

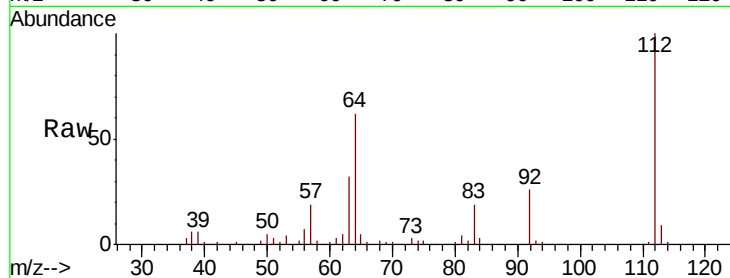
Tot Ion:112 Resp: 1218539

Ion Ratio Lower Upper

112 100

64 61.8 45.8 68.6

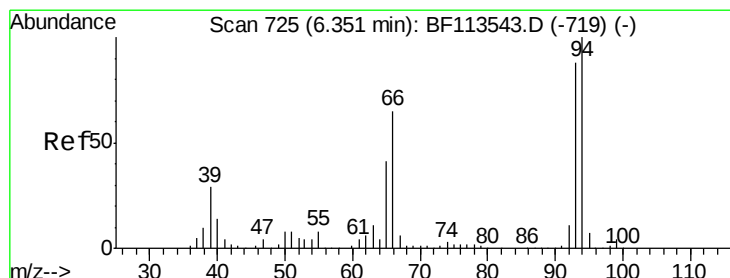
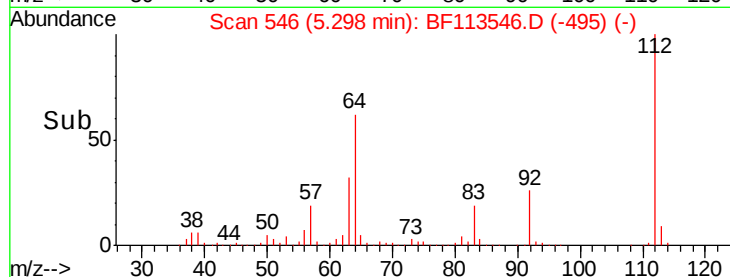
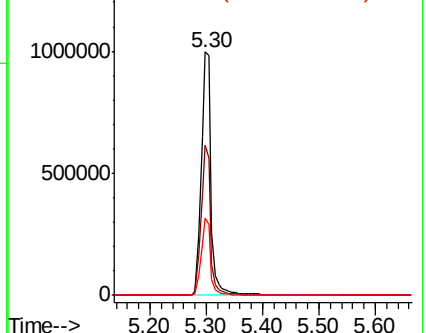
63 31.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 68.136 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

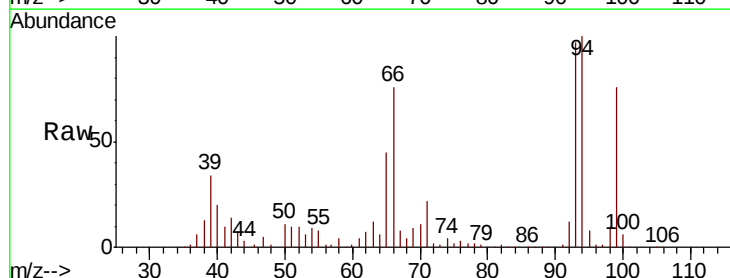
Tgt Ion: 93 Resp: 911056

Ion Ratio Lower Upper

93 100

66 78.1 59.0 88.4

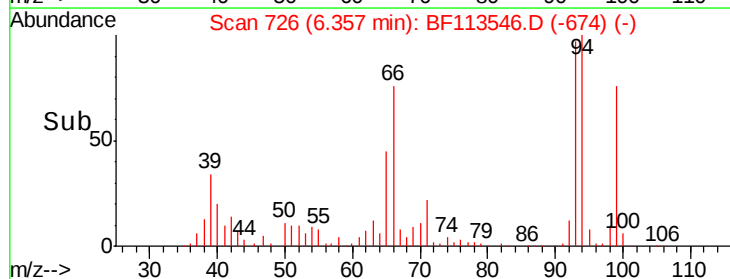
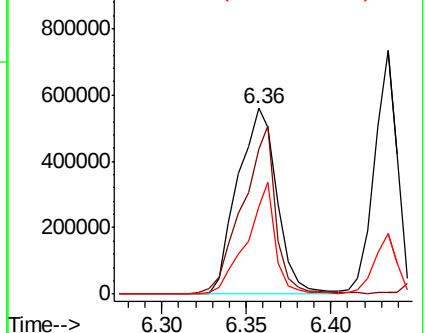
65 46.9 37.4 56.0

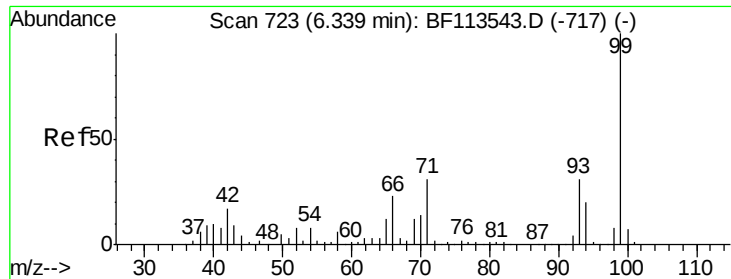


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.602 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

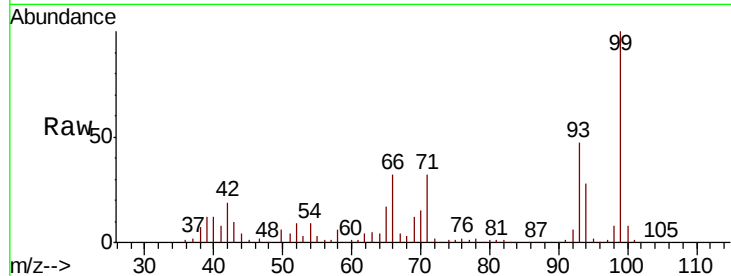
Tot Ion: 99 Resp: 1466936

Ion Ratio Lower Upper

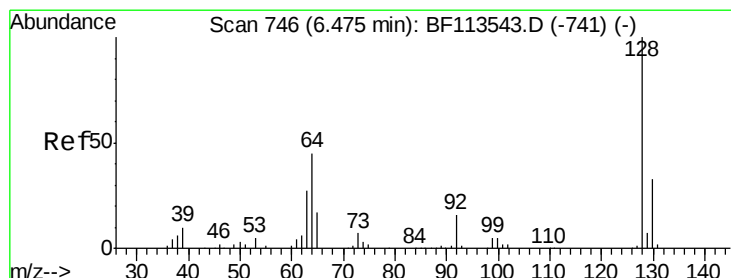
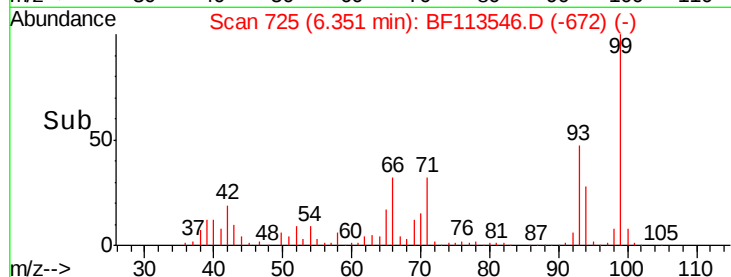
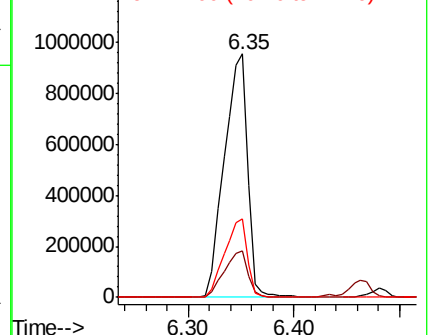
99 100

42 19.0 13.9 20.9

71 32.2 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 69.447 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

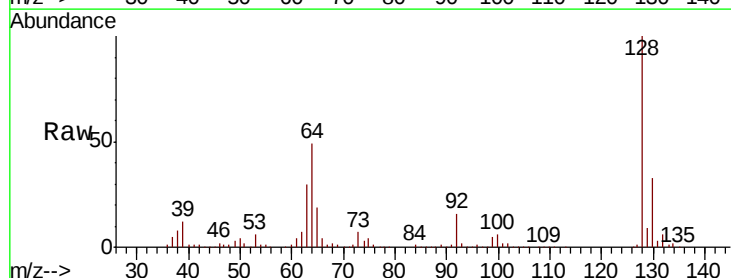
Tgt Ion:128 Resp: 699960

Ion Ratio Lower Upper

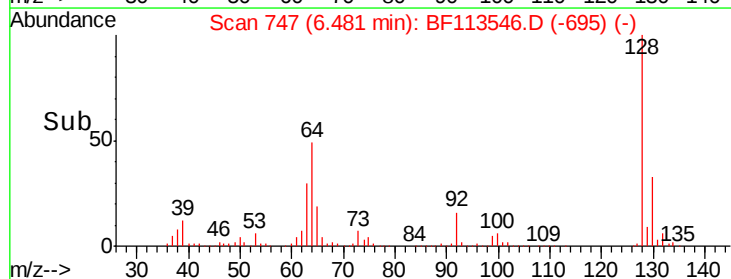
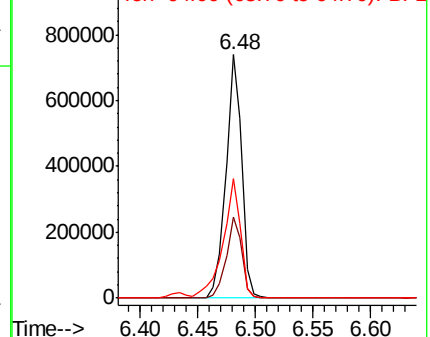
128 100

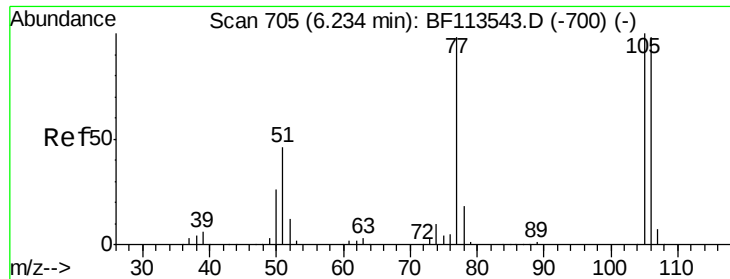
130 33.2 13.0 53.0

64 49.1 25.8 65.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 52.465 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampled :

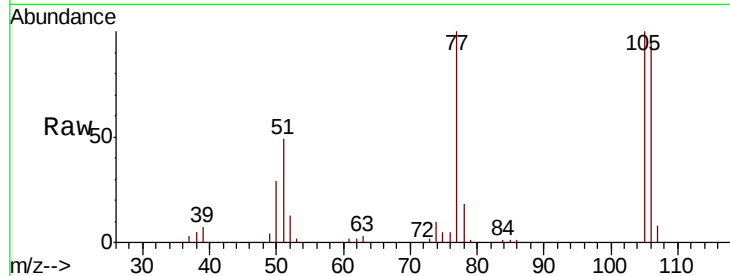
Tot Ion: 77 Resp: 386560

Ion Ratio Lower Upper

77 100

105 100.5 82.2 122.2

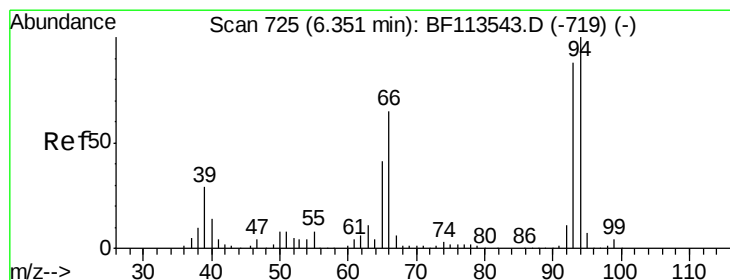
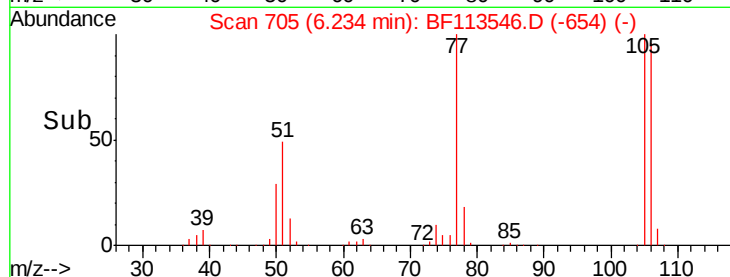
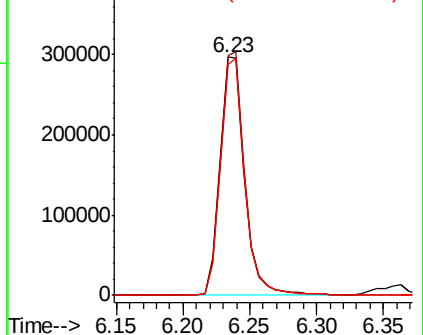
106 96.7 79.8 119.8



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: 67.434 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

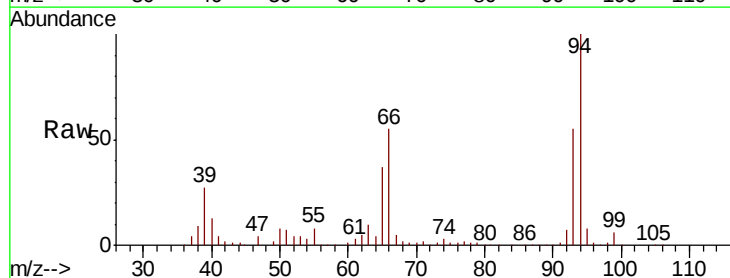
Tgt Ion: 94 Resp: 845286

Ion Ratio Lower Upper

94 100

65 36.7 21.1 61.1

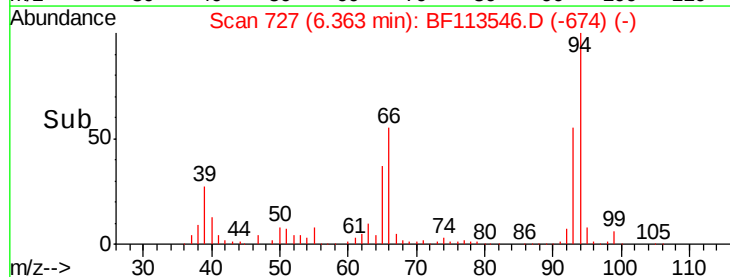
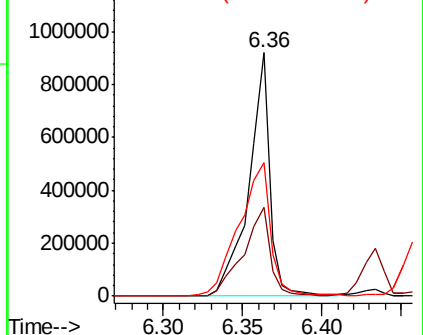
66 55.0 44.9 84.9

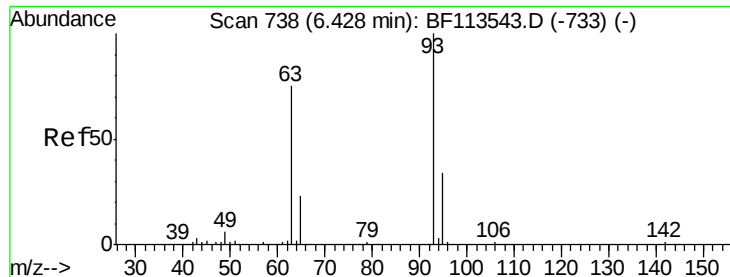


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

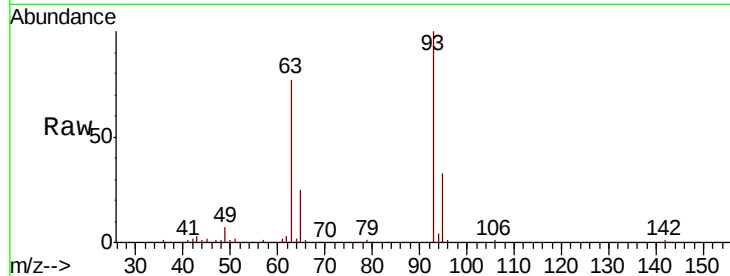




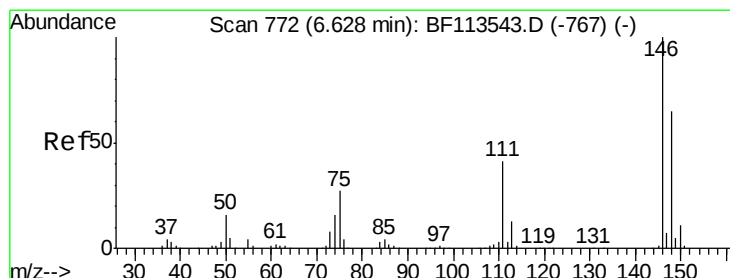
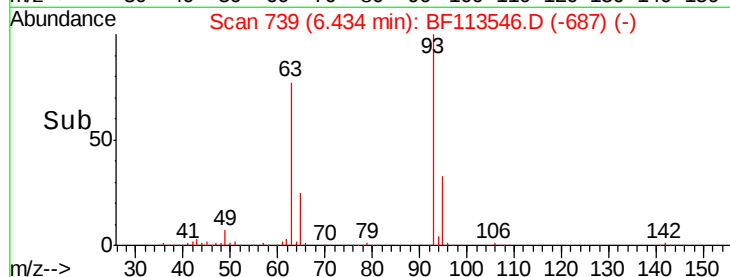
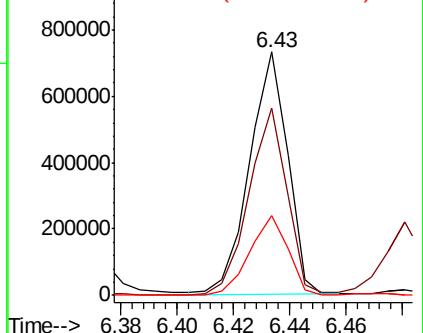
#11
bis(2-Chloroethyl)ether
Concen: 71.306 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.9	53.9	93.9
95	32.6	13.3	53.3

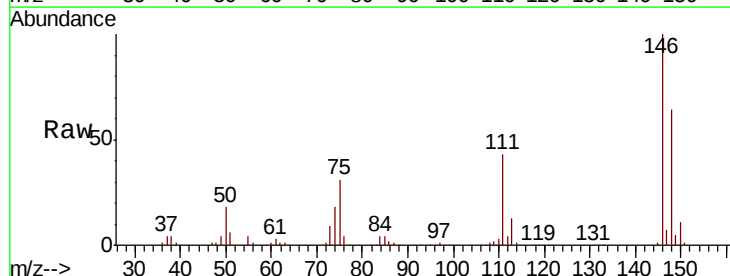


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

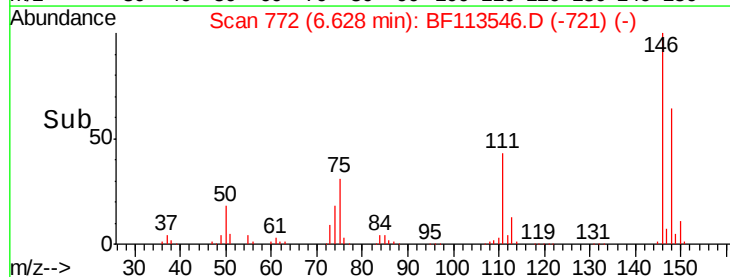
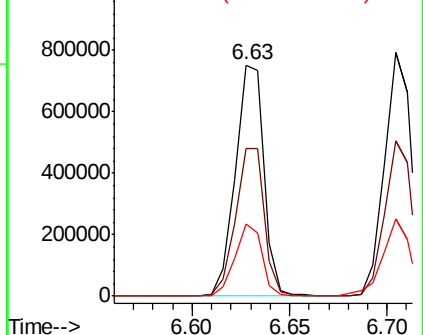


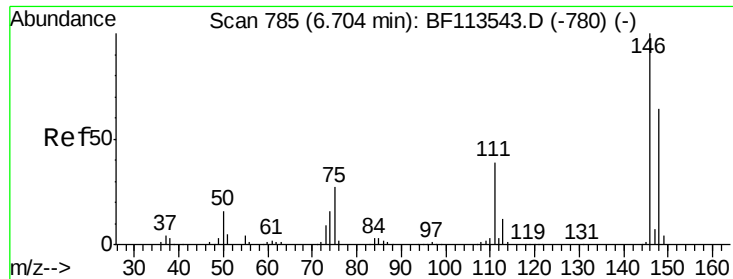
#12
1,3-Dichlorobenzene
Concen: 70.401 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
75	31.1	22.0	33.0



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

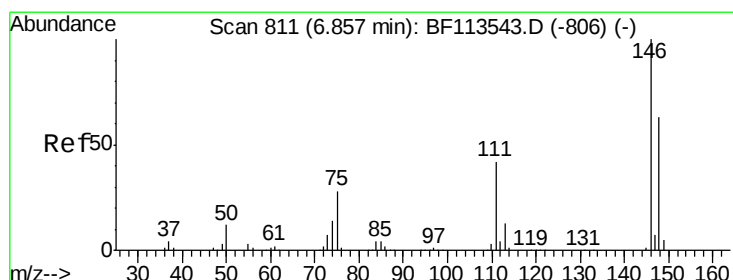
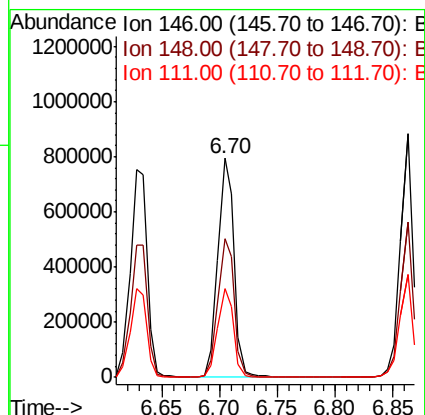
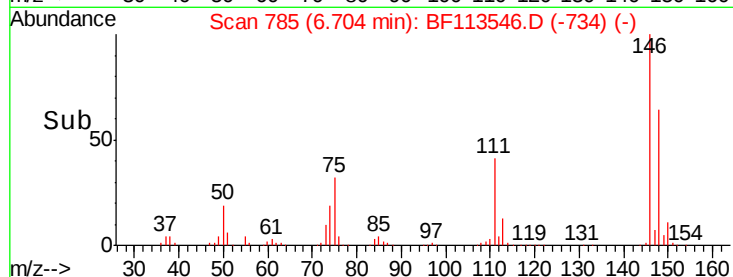
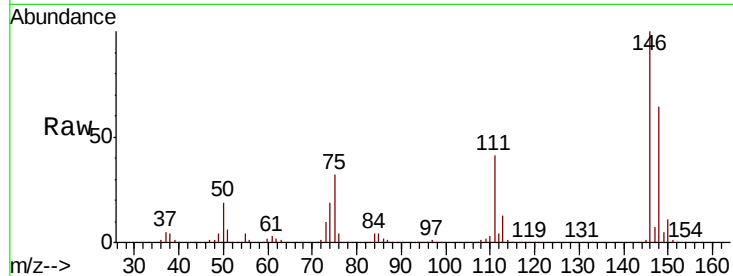




#13
 1,4-Dichlorobenzene
 Concen: 73.739 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

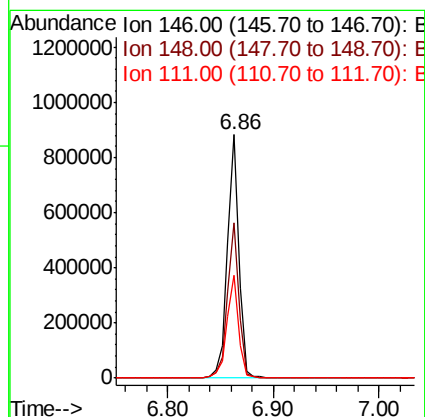
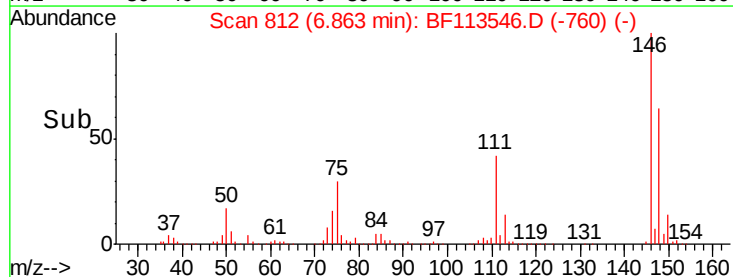
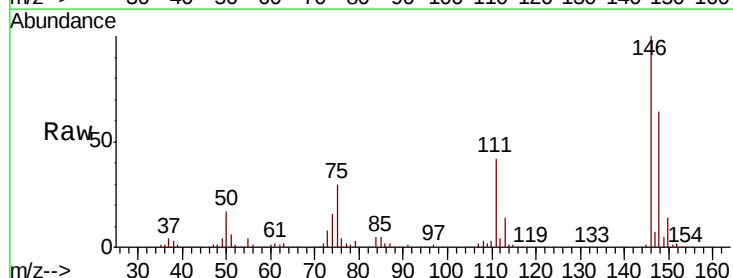
Instrument :
 BNA_F
 ClientSampled :

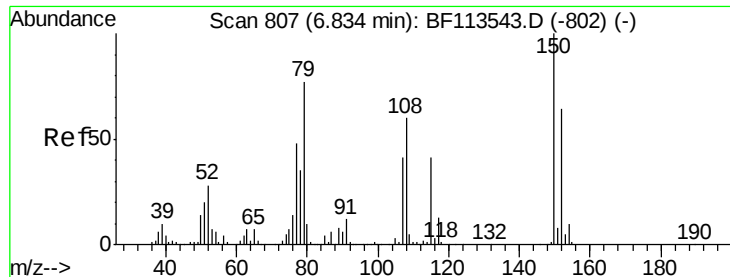
Tot Ion:146 Resp: 773524
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.9 76.3
 111 40.7 31.0 46.6



#14
 1,2-Dichlorobenzene
 Concen: 65.025 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Tgt Ion:146 Resp: 671064
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 42.3 34.0 51.0





#15

Benzyl Alcohol

Concen: 68.909 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

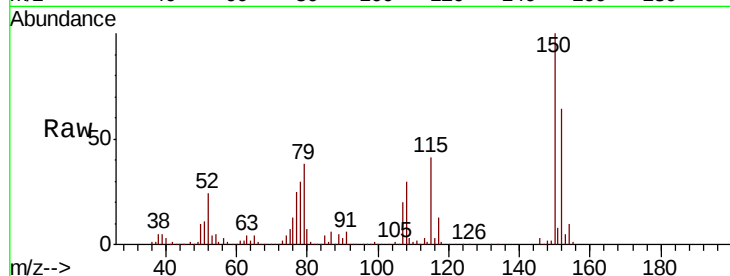
Tot Ion: 79 Resp: 499151

Ion Ratio Lower Upper

79 100

108 78.7 62.8 94.2

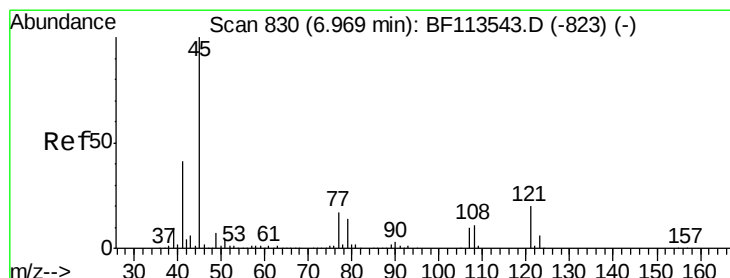
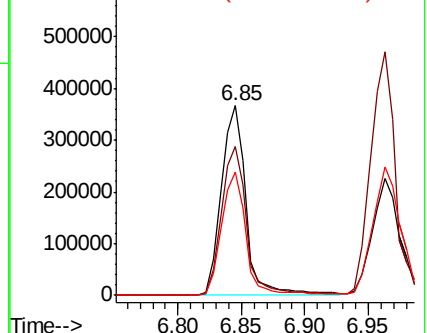
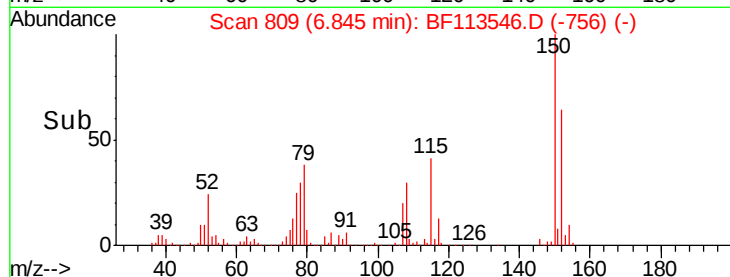
77 65.1 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.354 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

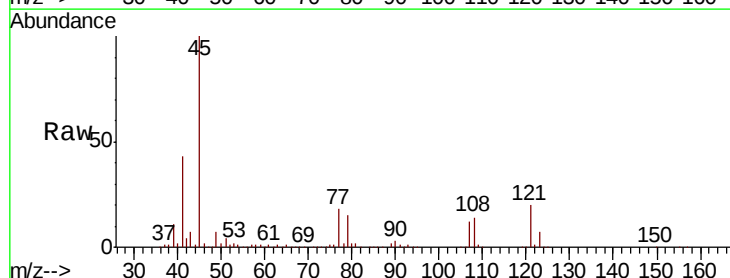
Tgt Ion: 45 Resp: 1029960

Ion Ratio Lower Upper

45 100

77 18.2 0.0 36.9

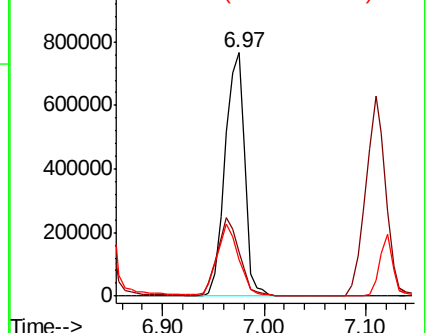
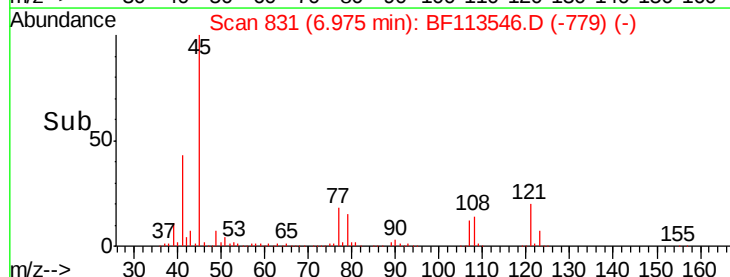
79 15.0 0.0 34.2

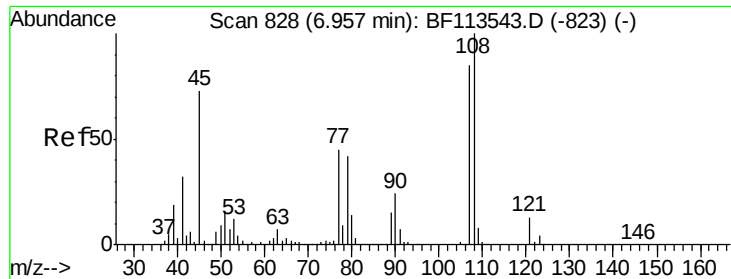


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

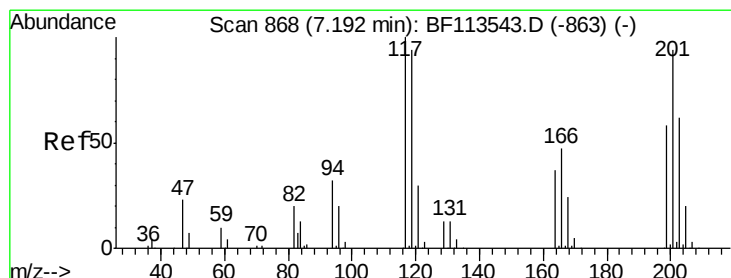
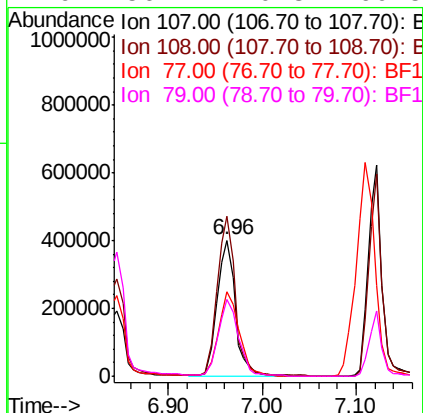
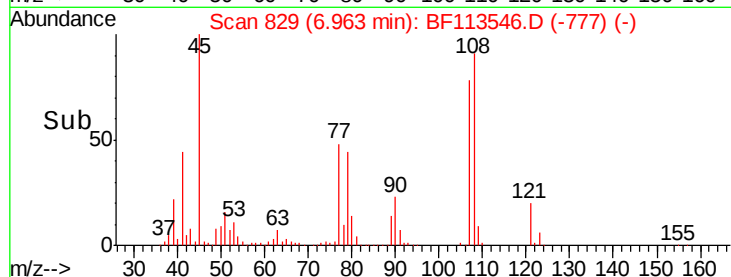
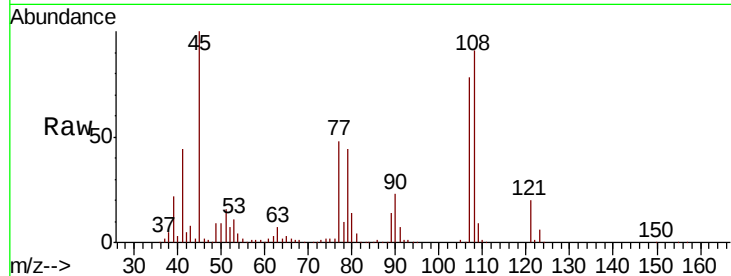




#17
2-Methylphenol
Concen: 69.141 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

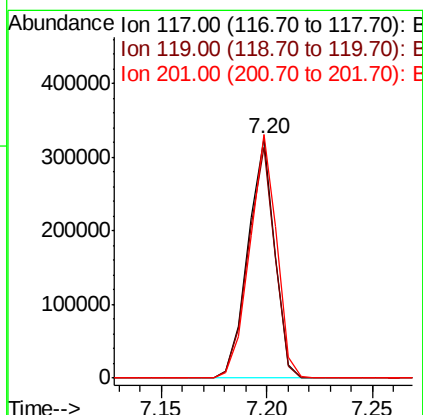
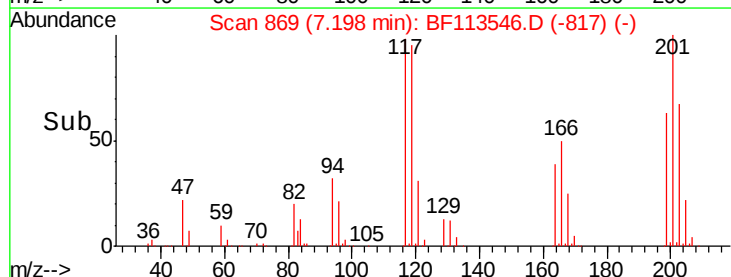
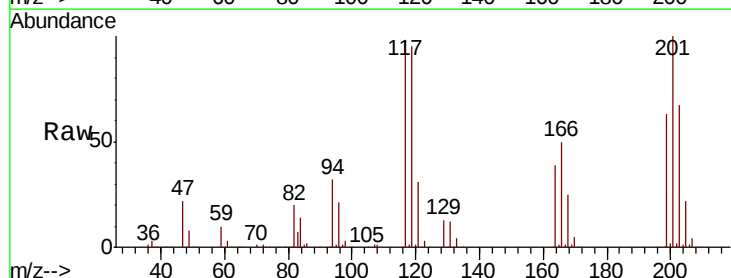
Instrument :
BNA_F
ClientSampleID :

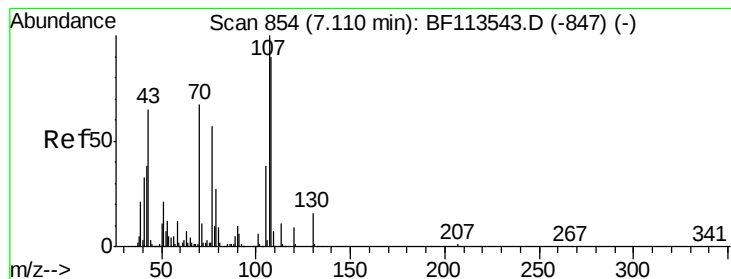
Tot Ion:107 Resp: 546129
Ion Ratio Lower Upper
107 100
108 117.0 94.2 141.4
77 61.7 42.7 64.1
79 56.4 40.3 60.5



#18
Hexachloroethane
Concen: 75.599 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion:117 Resp: 284836
Ion Ratio Lower Upper
117 100
119 96.5 75.4 113.0
201 101.6 75.1 112.7





#19

n-Nitroso-di-n-propylamine

Concen: 66.454 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

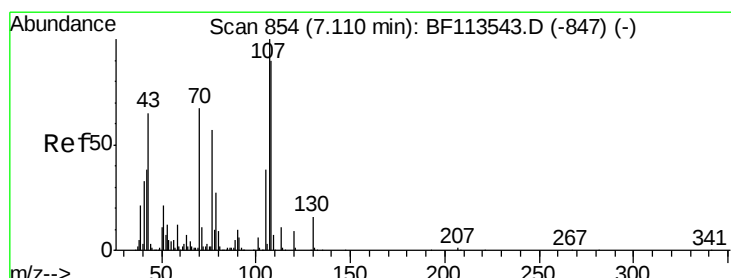
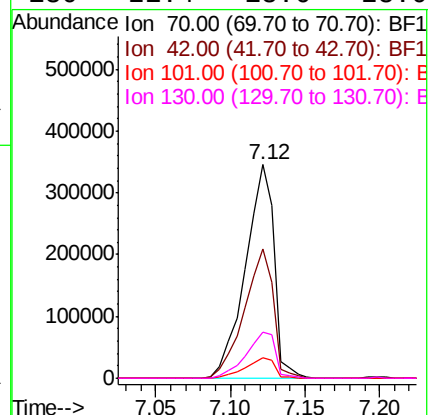
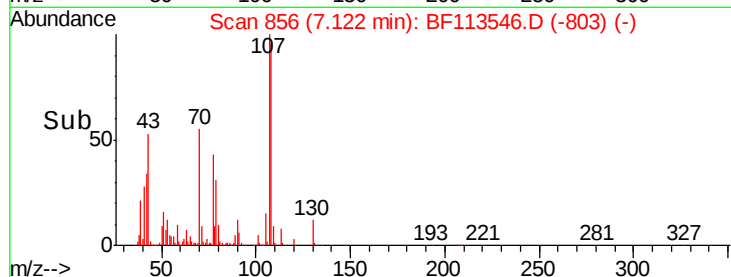
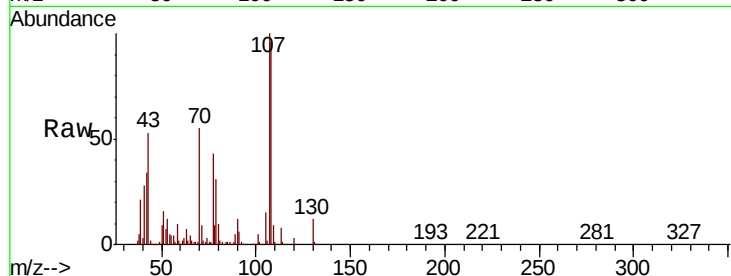
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 458325

Ion	Ratio	Lower	Upper
70	100		
42	60.6	46.2	69.2
101	9.5	7.6	11.4
130	21.4	18.6	28.0



#20

3+4-Methylphenols

Concen: 62.917 ng

RT: 7.12 min Scan# 856

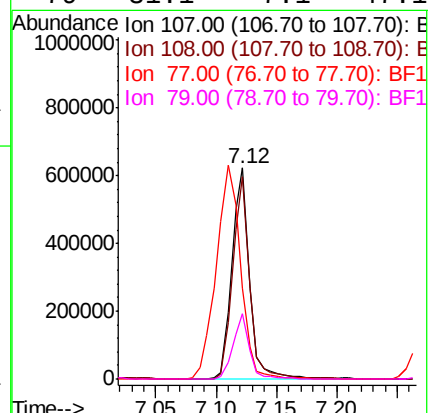
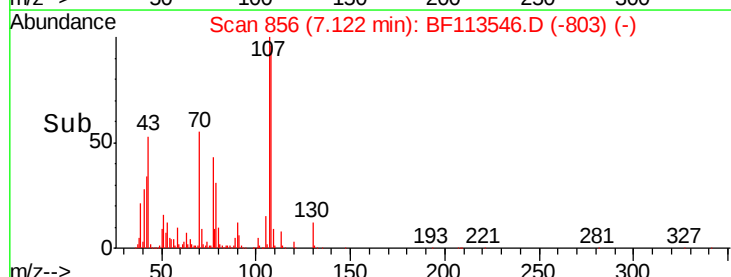
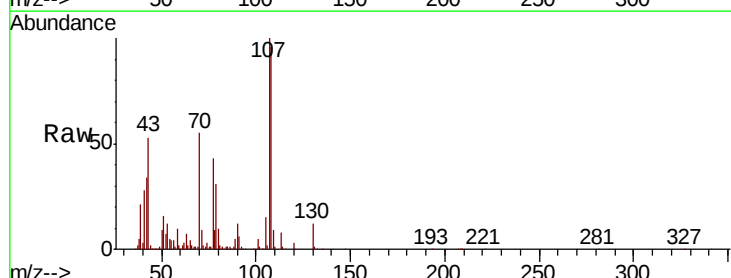
Delta R.T. 0.01 min

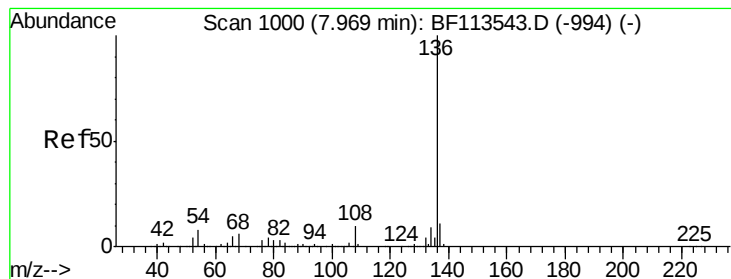
Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Tgt Ion: 107 Resp: 622376

Ion	Ratio	Lower	Upper
107	100		
108	95.9	69.9	109.9
77	42.9	37.4	77.4
79	31.1	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 545609

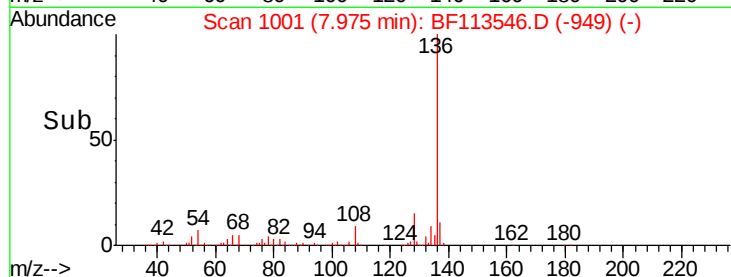
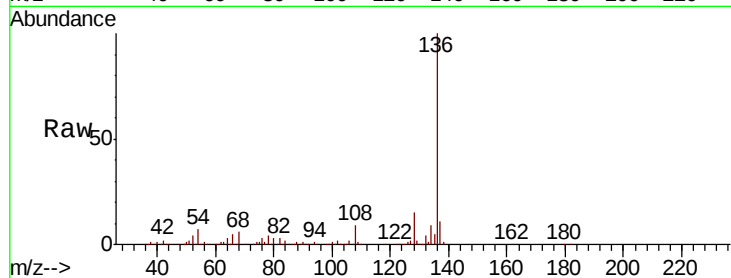
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.4 6.2 9.2

68 5.6 4.7 7.1



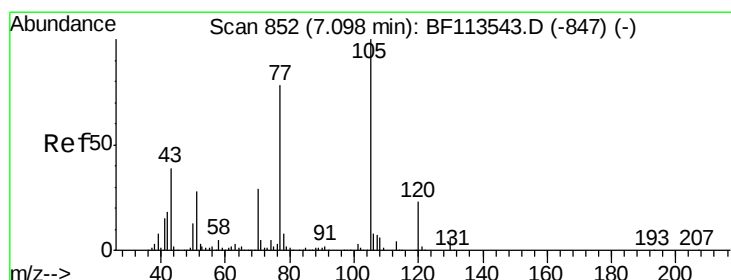
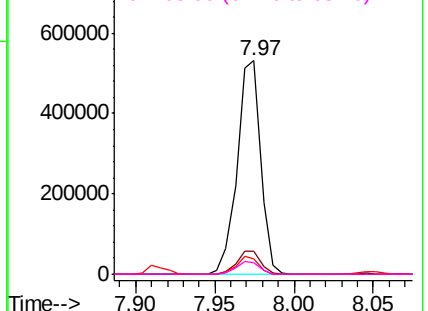
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 71.928 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Tgt Ion:105 Resp: 894989

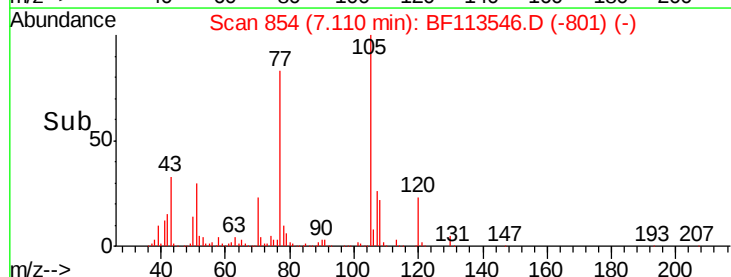
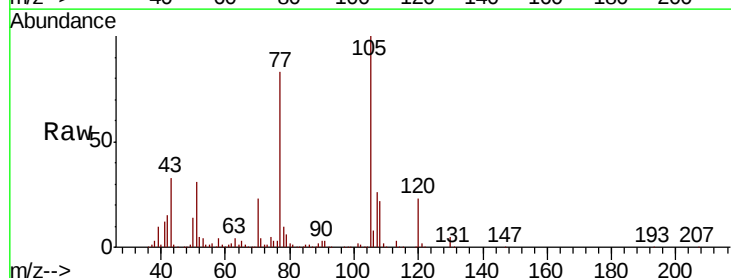
Ion Ratio Lower Upper

105 100

71 3.7 3.7 5.5

51 30.5 22.9 34.3

120 23.0 18.1 27.1



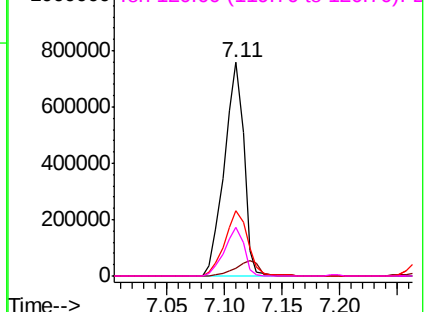
Abundance

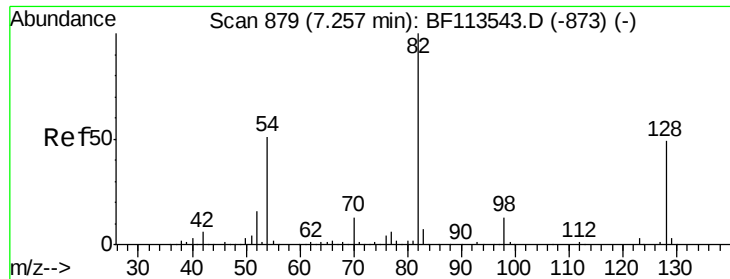
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

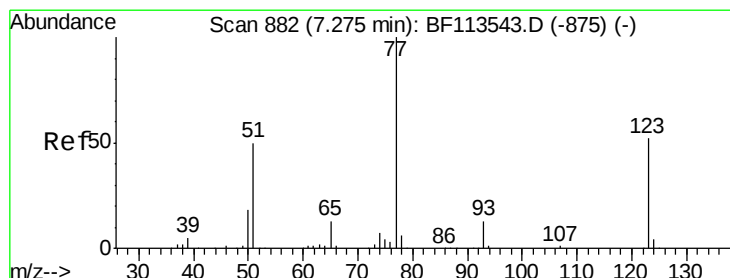
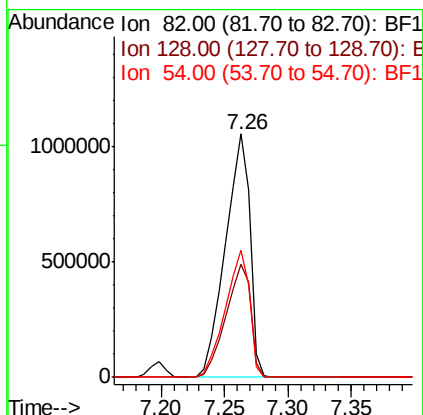
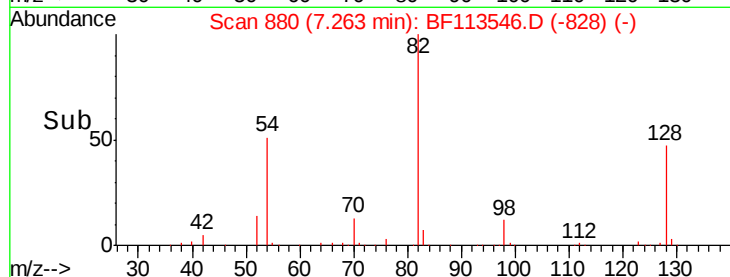
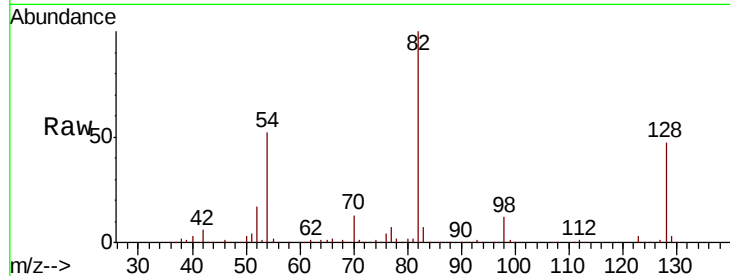




#23
 Nitrobenzene-d5
 Concen: 153.100 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

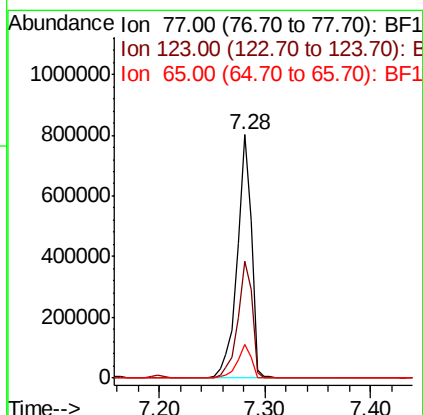
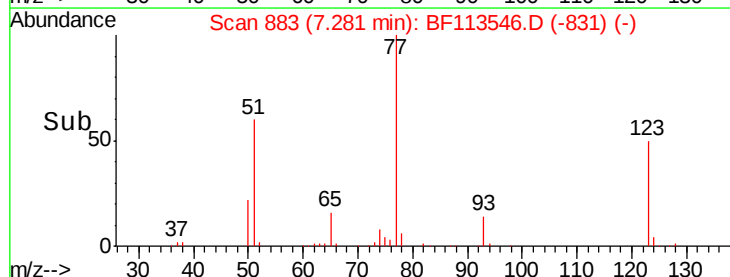
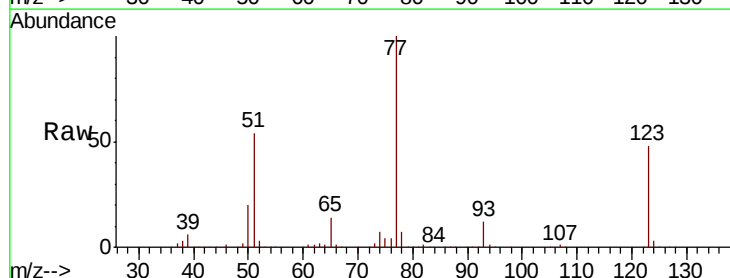
Instrument :
 BNA_F
 ClientSampled :

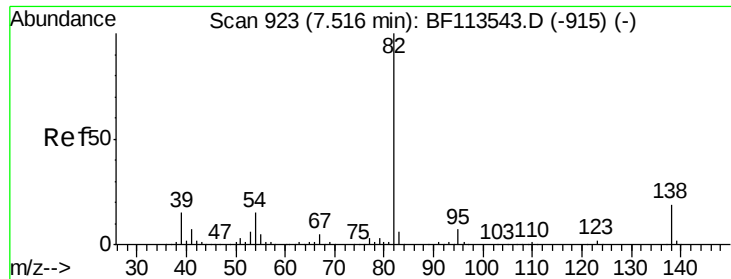
Tot Ion: 82 Resp: 1407363
 Ion Ratio Lower Upper
 82 100
 128 46.7 39.1 58.7
 54 52.4 41.0 61.4



#24
 Nitrobenzene
 Concen: 76.230 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Tgt Ion: 77 Resp: 731236
 Ion Ratio Lower Upper
 77 100
 123 47.9 41.2 61.8
 65 13.7 10.2 15.4

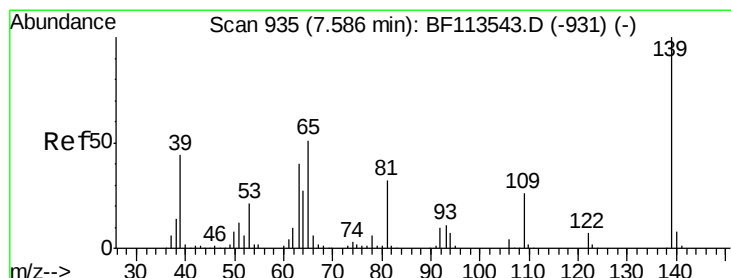
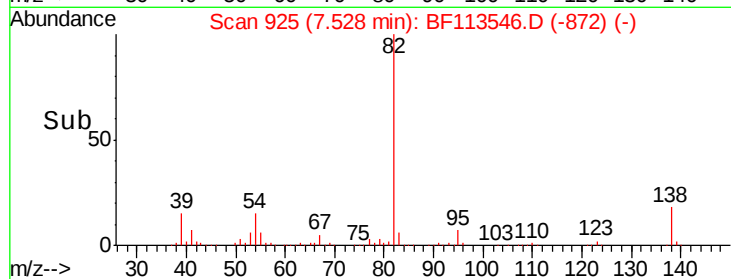
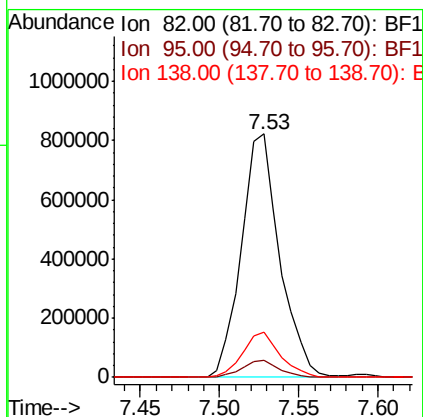
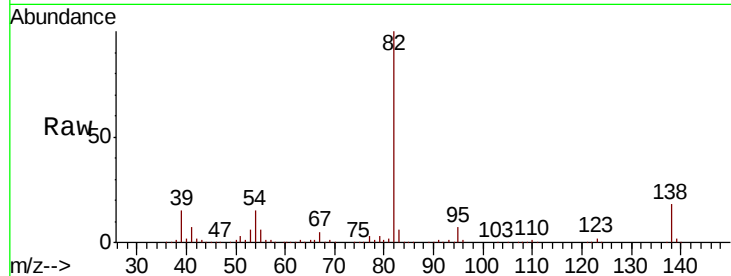




#25
Isophorone
Concen: 77.606 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

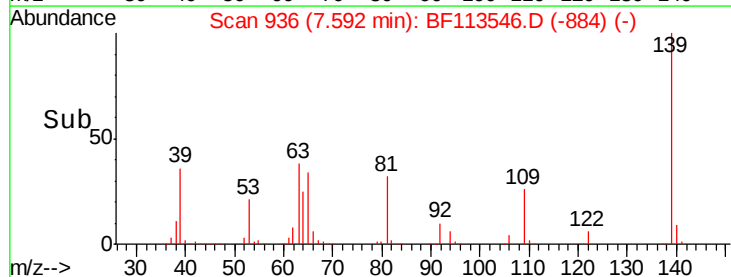
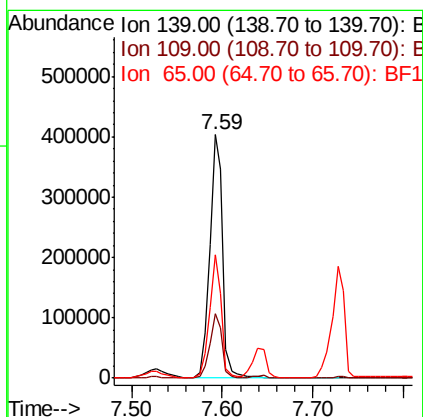
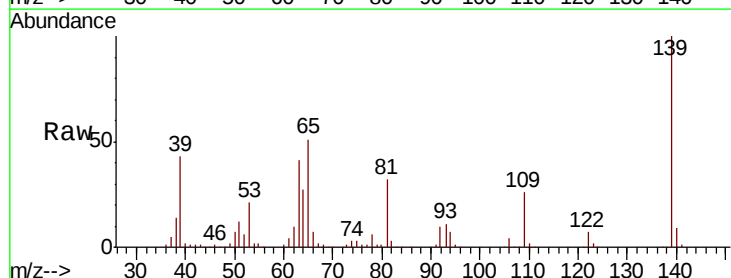
Instrument :
BNA_F
ClientSampleId :

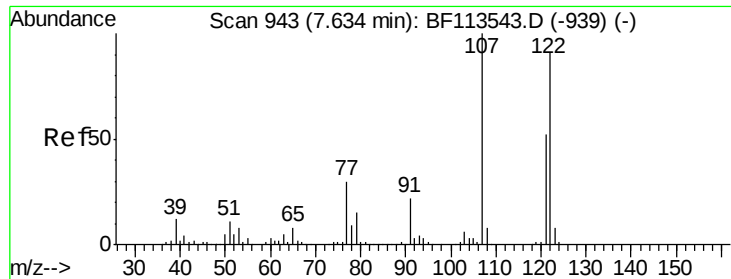
Tot Ion: 82 Resp: 1382529
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 18.4 14.9 22.3



#26
2-Nitrophenol
Concen: 79.368 ng
RT: 7.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion:139 Resp: 402426
Ion Ratio Lower Upper
139 100
109 26.4 20.9 31.3
65 50.7 40.5 60.7

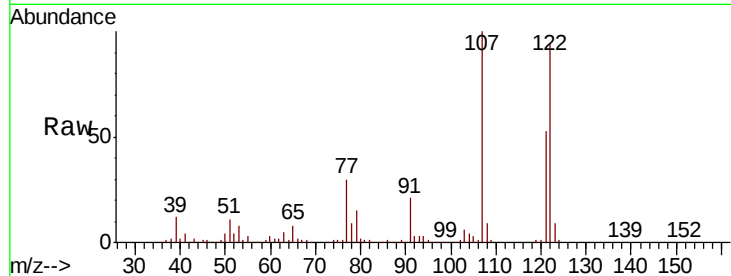




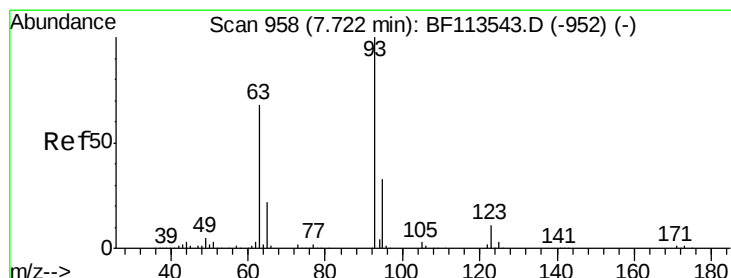
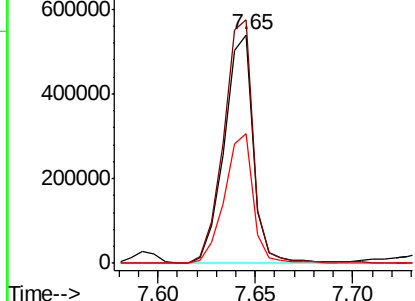
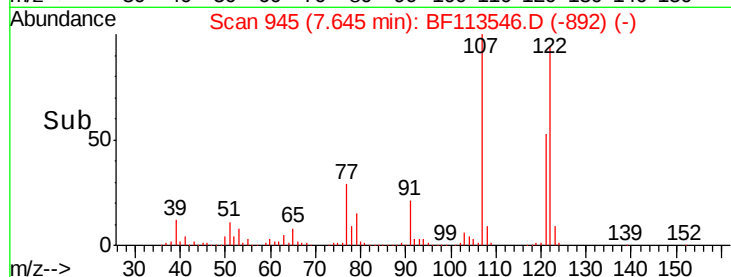
#27
 2,4-Dimethylphenol
 Concen: 76.297 ng
 RT: 7.65 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.6	88.2	132.4
121	56.7	45.7	68.5

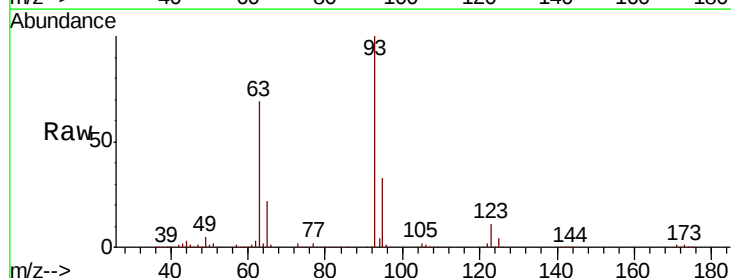


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

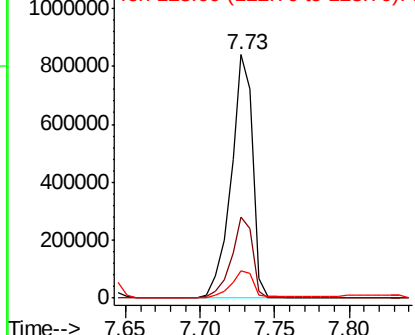
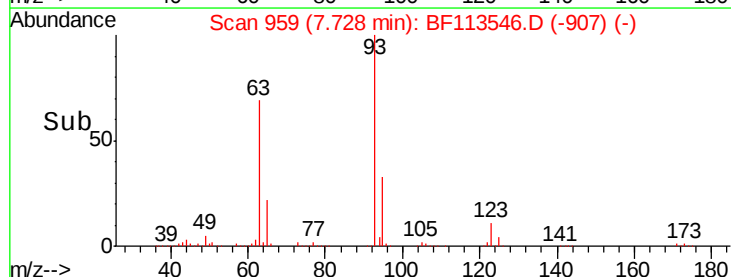


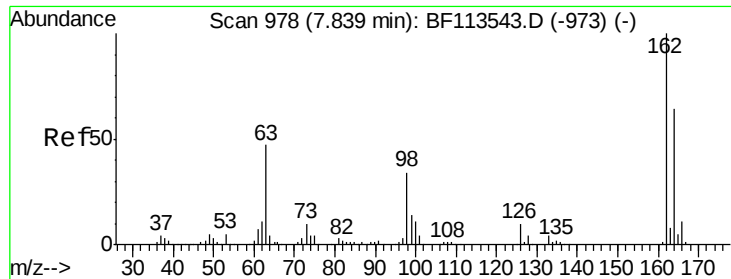
#28
 bis(2-Chloroethoxy)methane
 Concen: 76.082 ng
 RT: 7.73 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	11.4	9.1	13.7



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

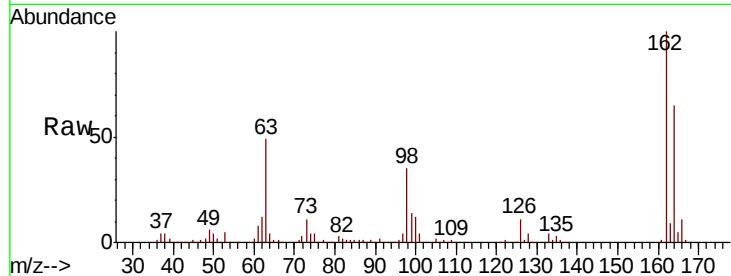




#29
2,4-Dichlorophenol
Concen: 74.806 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.3	84.3
98	35.3	14.0	54.0

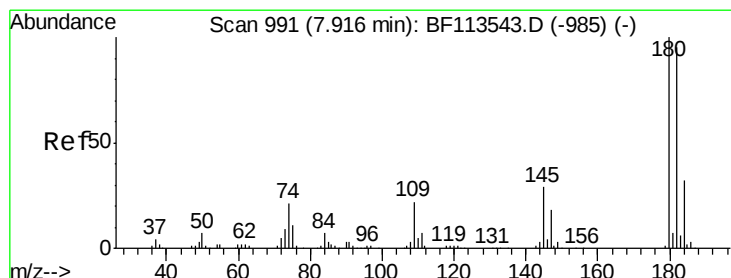
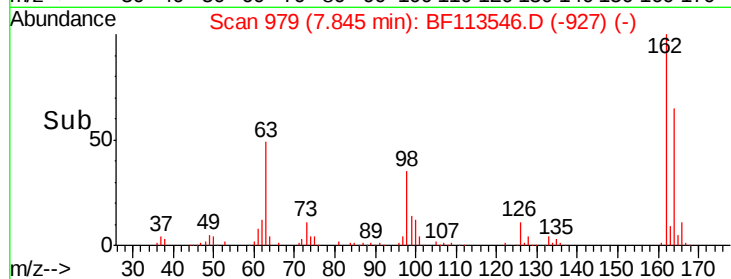
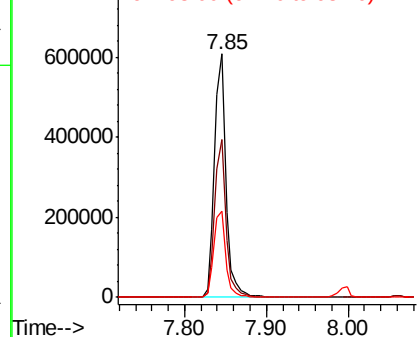


Abundance

Ion 162.00 (161.70 to 162.70): E

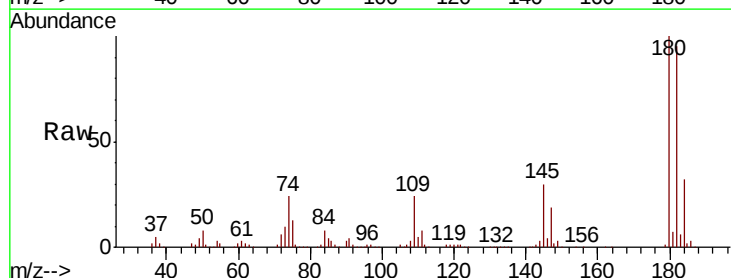
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 76.068 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	29.8	22.9	34.3

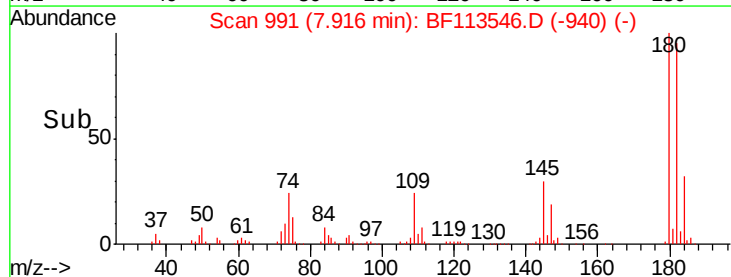
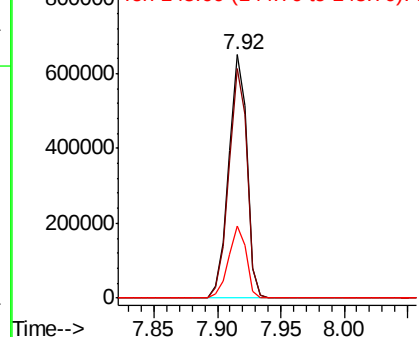


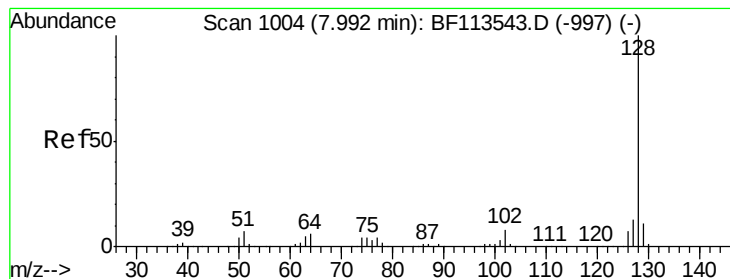
Abundance

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: 72.163 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

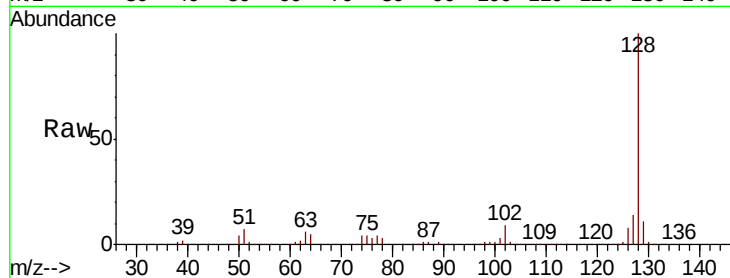
Tot Ion:128 Resp: 1924041

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

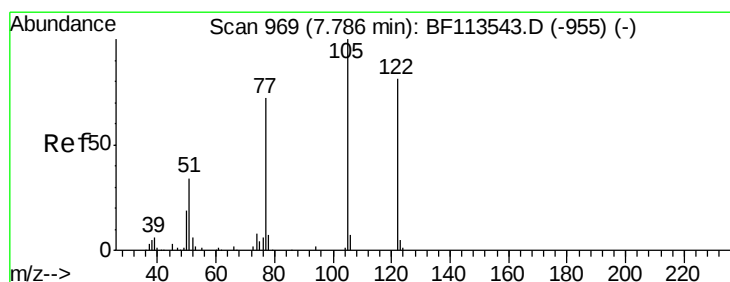
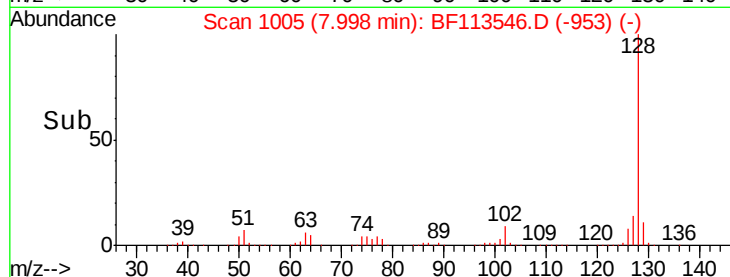
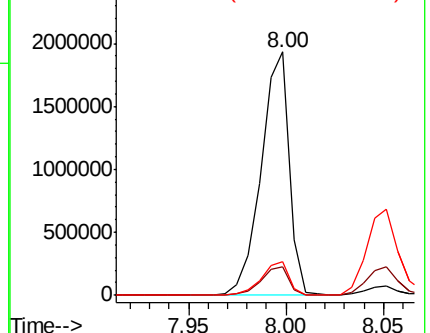
127 13.8 10.7 16.1



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: 79.993 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.04 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

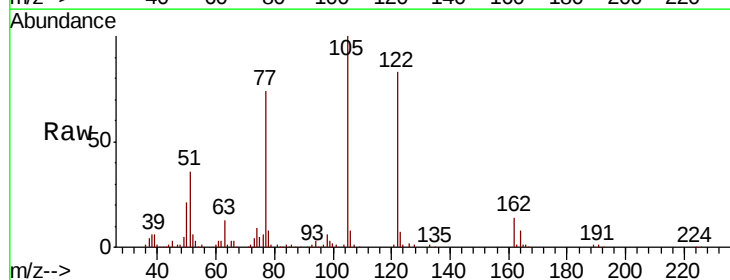
Tgt Ion:122 Resp: 469644

Ion Ratio Lower Upper

122 100

105 121.0 101.5 141.5

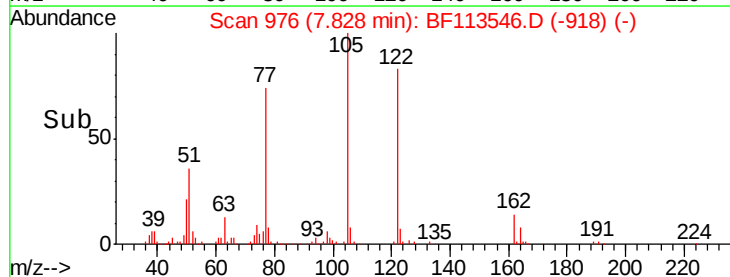
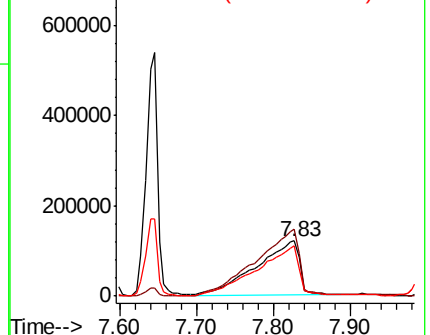
77 90.1 68.7 108.7



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

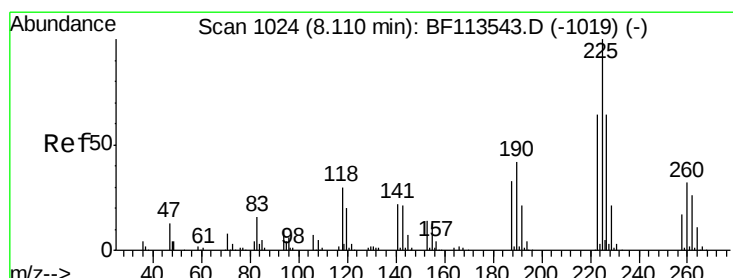
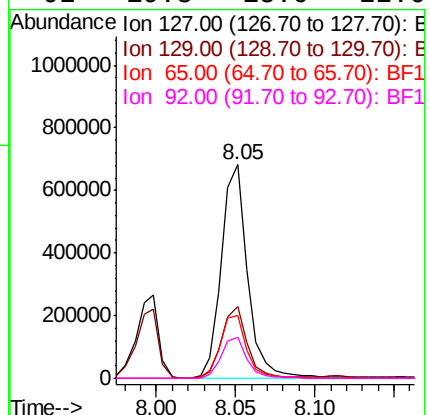
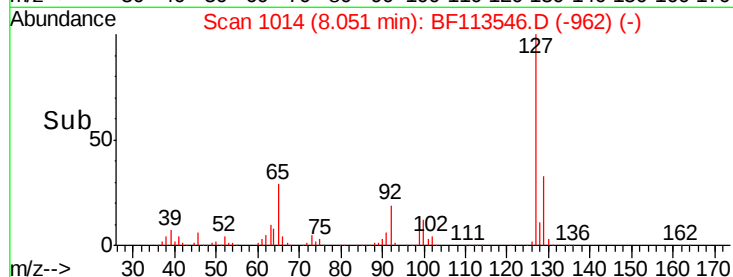
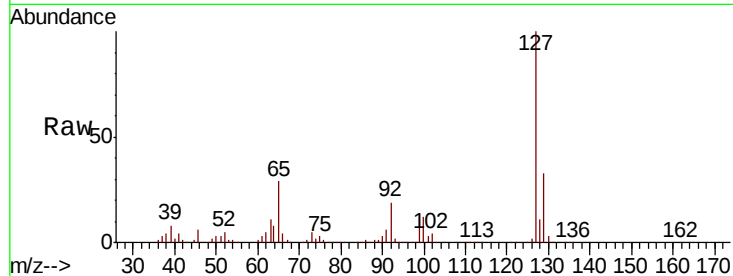




#33
4-Chloroaniline
Concen: 75.122 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

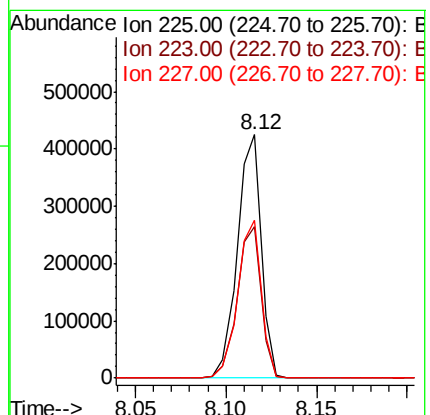
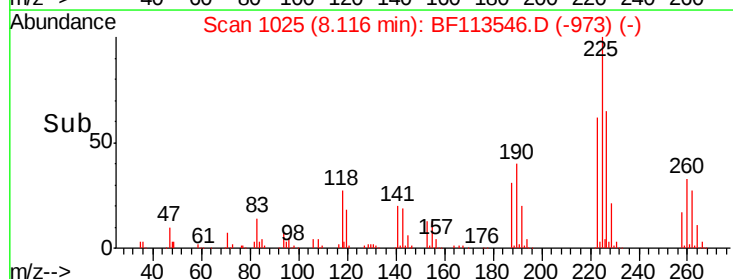
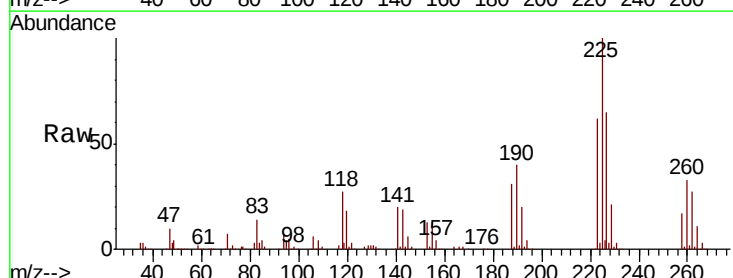
Instrument :
BNA_F
ClientSampleID :

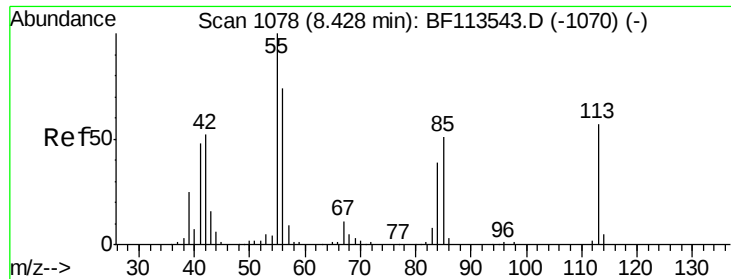
Tot Ion:	127	Resp:	781044
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.2
65	29.2	23.1	34.7
92	19.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 76.824 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion:	225	Resp:	389373
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.4	77.0
227	65.0	51.4	77.2





#35

Caprolactam

Concen: 60.159 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.04 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampled :

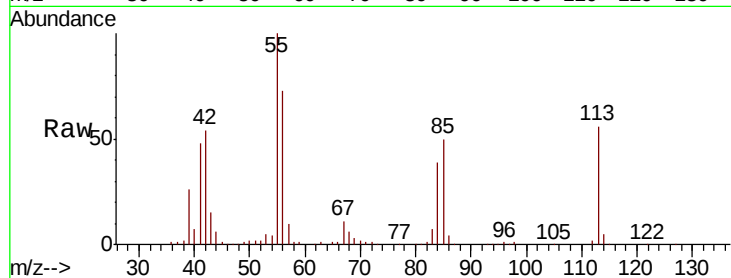
Tot Ion:113 Resp: 152606

Ion Ratio Lower Upper

113 100

55 179.0 154.8 194.8

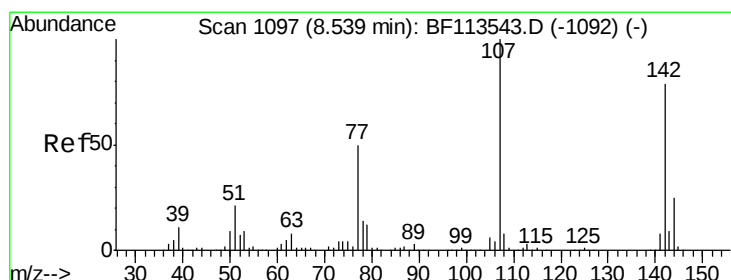
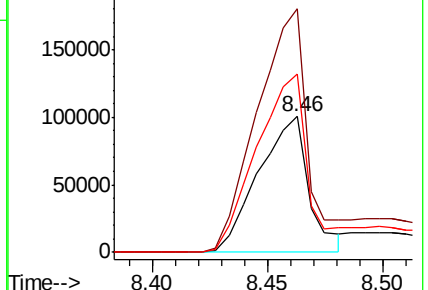
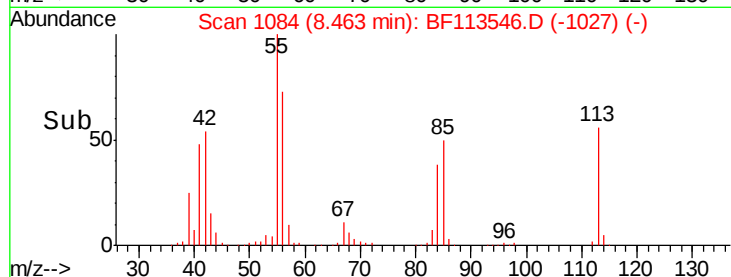
56 131.0 108.9 148.9



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: 75.191 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

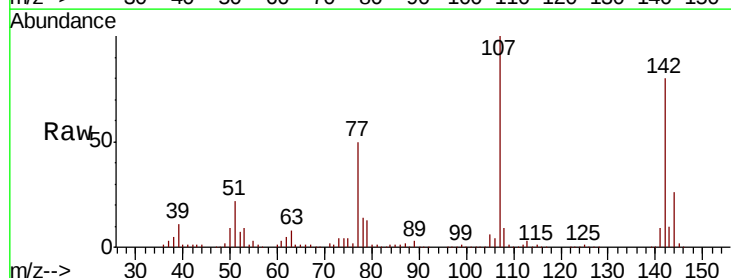
Tgt Ion:107 Resp: 597762

Ion Ratio Lower Upper

107 100

144 26.4 20.0 30.0

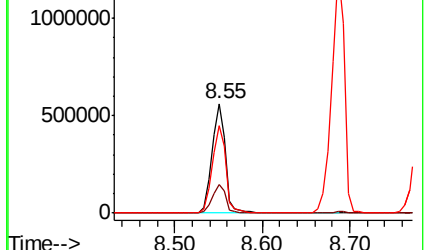
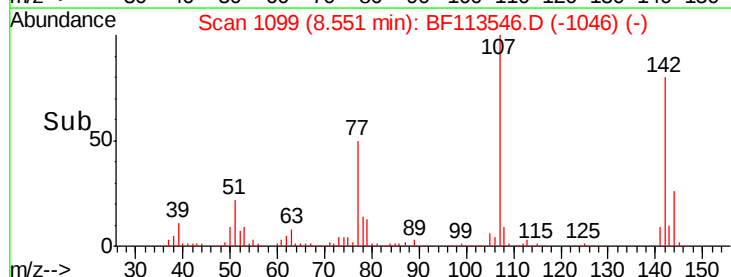
142 79.7 62.9 94.3

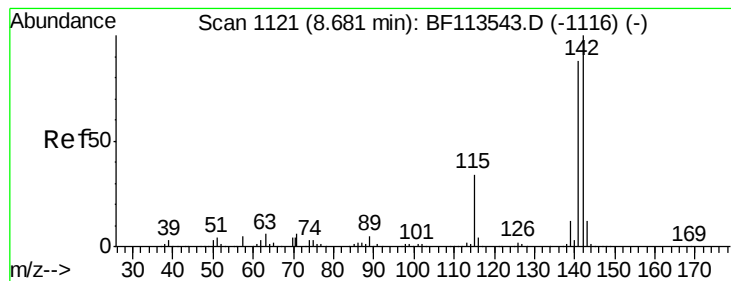


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

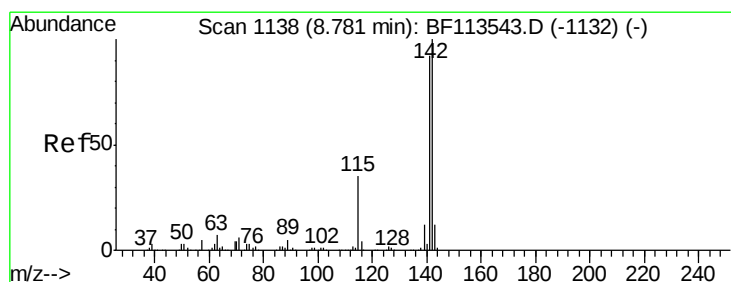
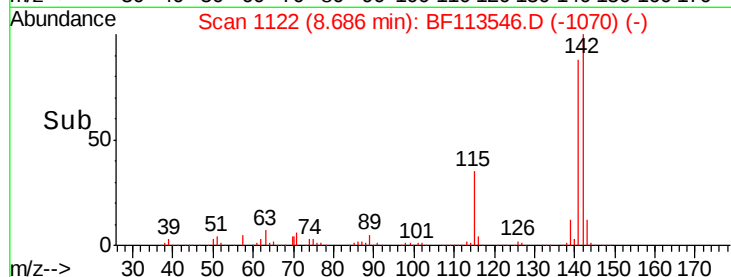
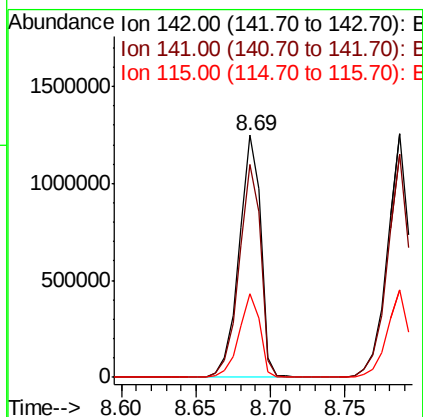
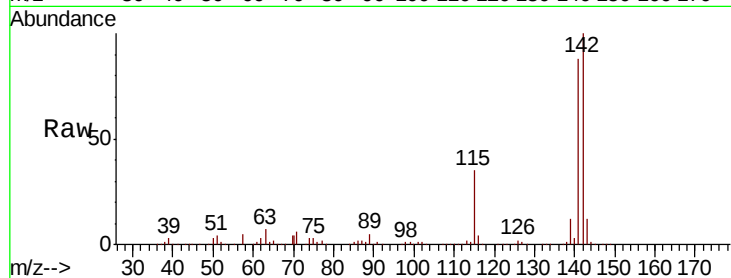




#37
2-Methylnaphthalene
Concen: 75.703 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

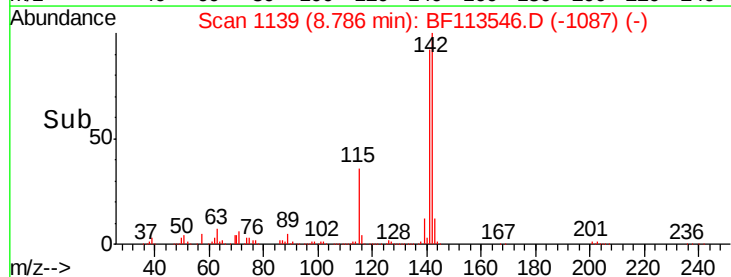
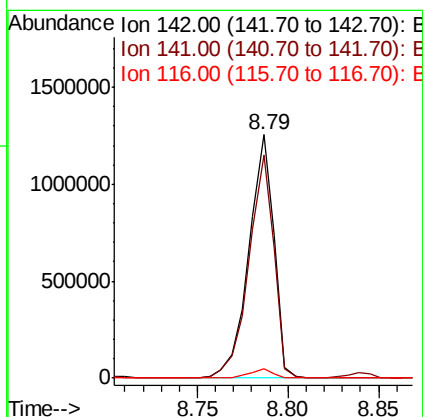
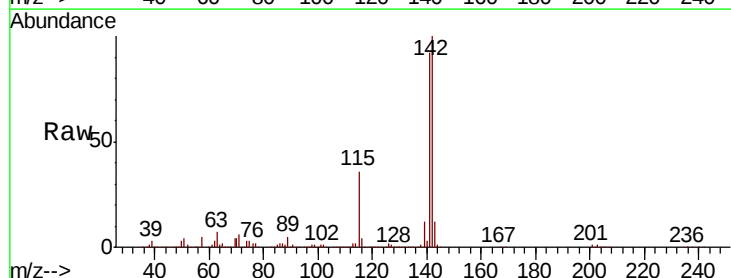
Instrument :
BNA_F
ClientSampleId :

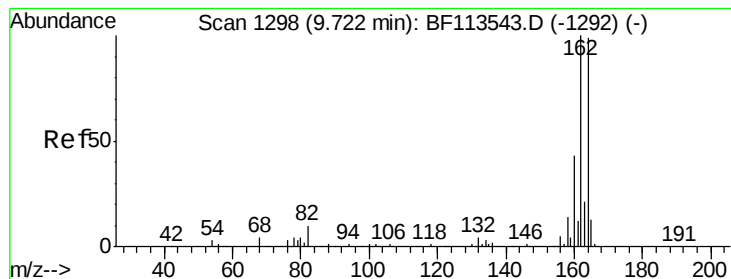
Tot Ion:142 Resp: 1259430
Ion Ratio Lower Upper
142 100
141 88.0 70.6 105.8
115 34.6 26.9 40.3



#38
1-Methylnaphthalene
Concen: 75.155 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion:142 Resp: 1202639
Ion Ratio Lower Upper
142 100
141 91.8 73.8 110.6
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

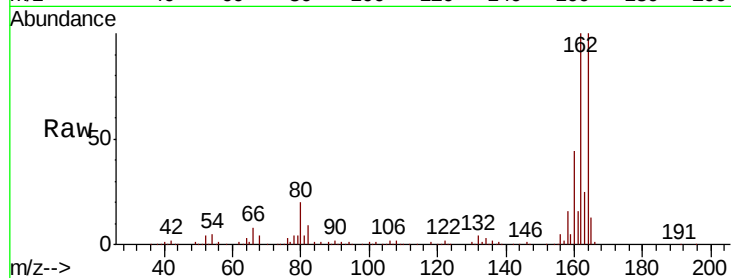
Tot Ion:164 Resp: 259297

Ion Ratio Lower Upper

164 100

162 100.5 80.5 120.7

160 44.5 34.8 52.2

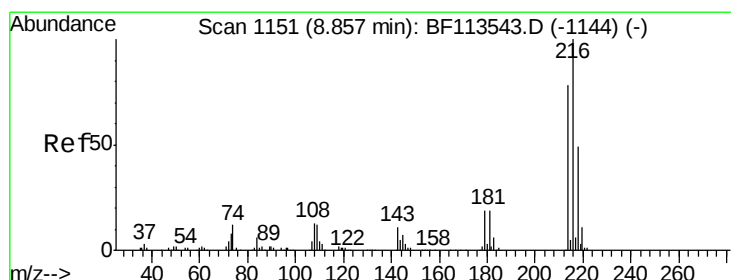
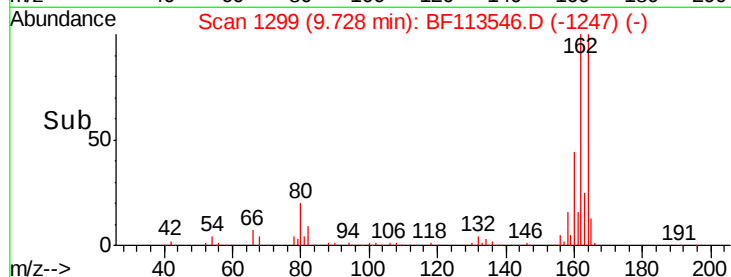
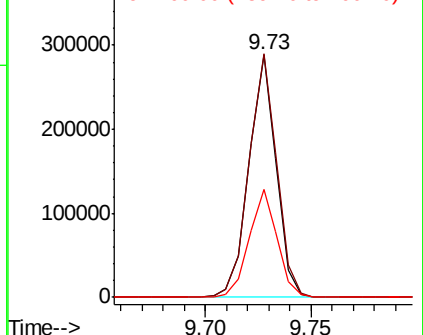


Abundance

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: 74.215 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Tgt Ion:216 Resp: 617720

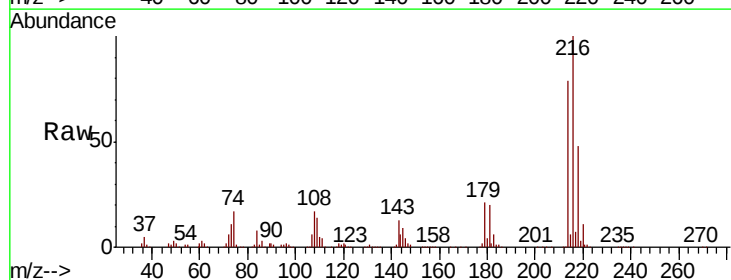
Ion Ratio Lower Upper

216 100

214 78.7 62.7 94.1

179 20.5 16.1 24.1

108 16.8 13.4 20.0



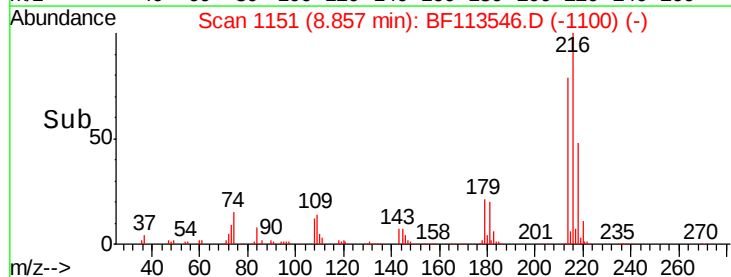
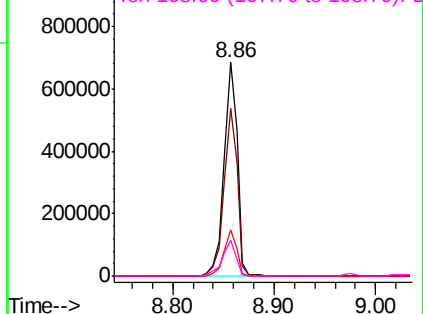
Abundance

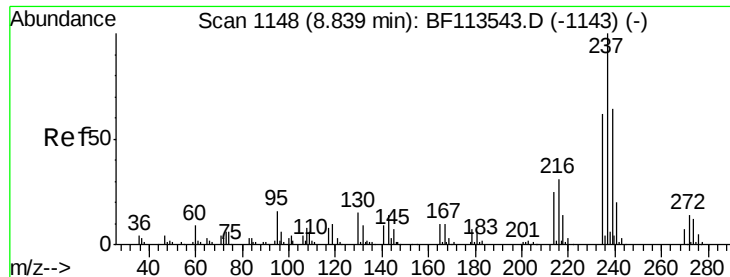
Ion 216.00 (215.70 to 216.70): E

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: 66.677 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

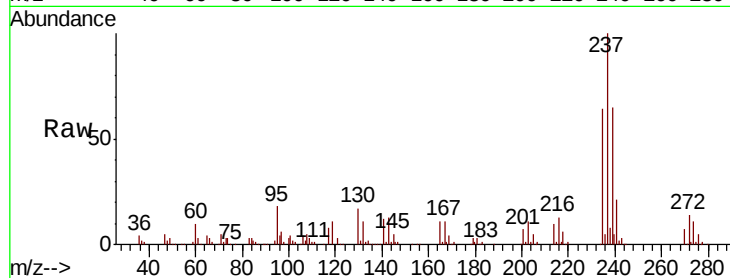
Tot Ion:237 Resp: 234910

Ion Ratio Lower Upper

237 100

235 64.3 42.0 82.0

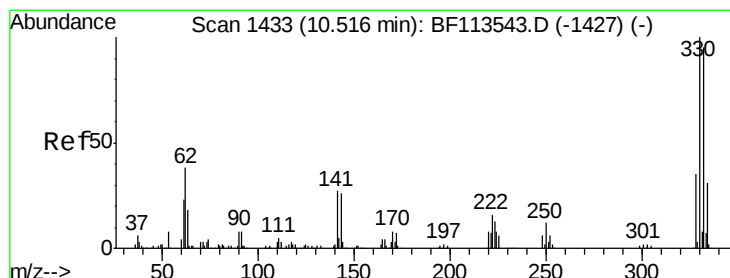
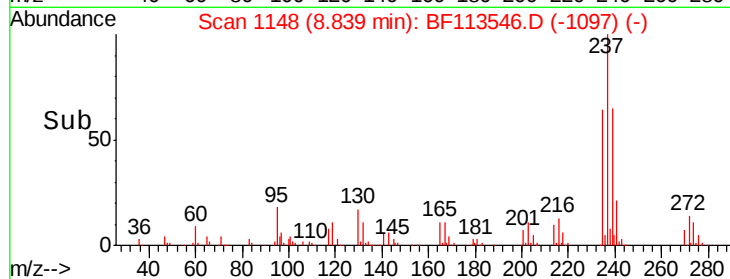
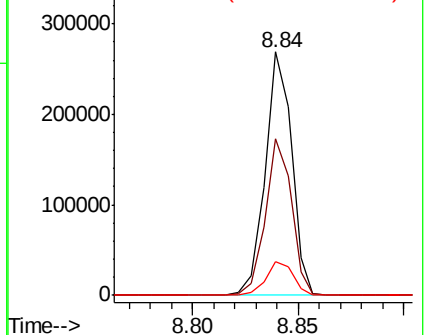
272 13.8 0.0 33.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 138.317 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

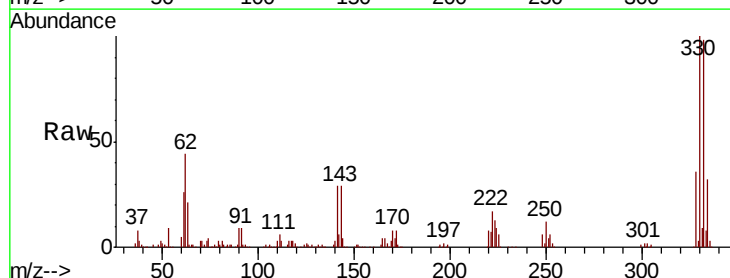
Tgt Ion:330 Resp: 443017

Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

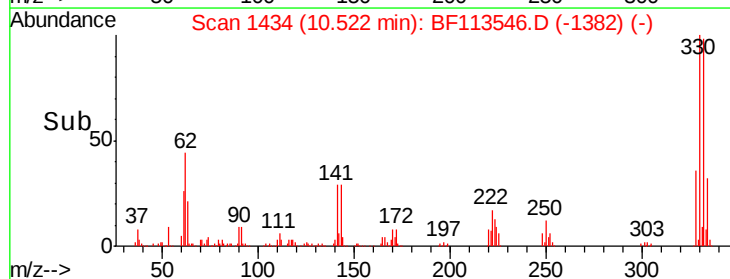
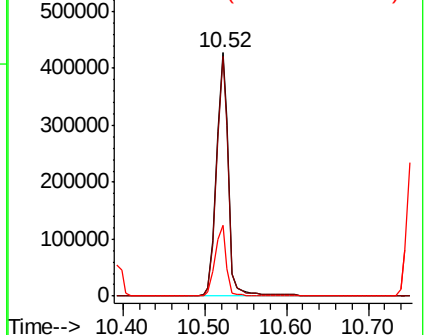
141 27.1 21.6 32.4

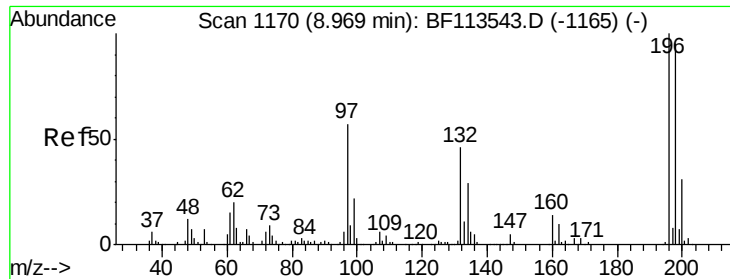


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

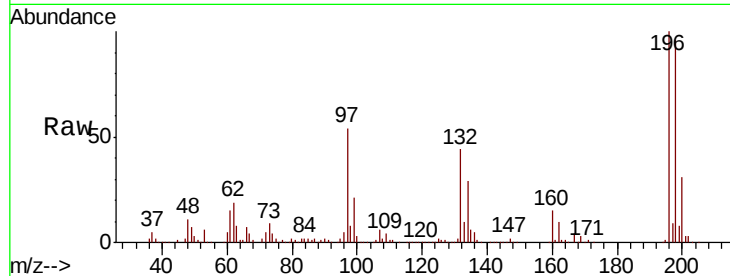




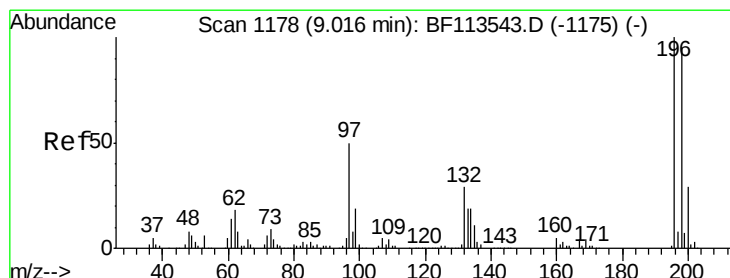
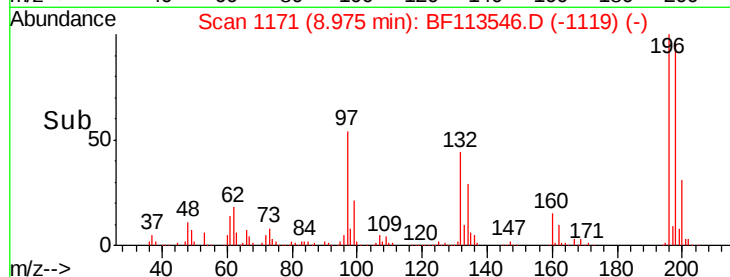
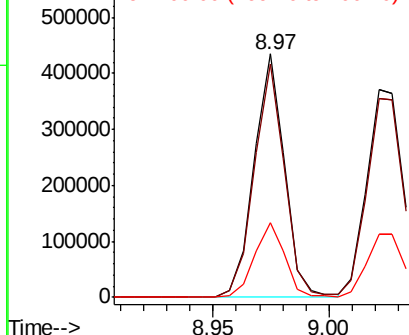
#43
 2,4,6-Trichlorophenol
 Concen: 74.114 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 401710
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.1 114.1
 200 30.8 24.4 36.6

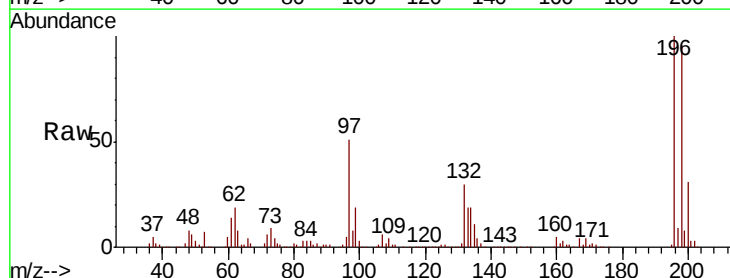


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

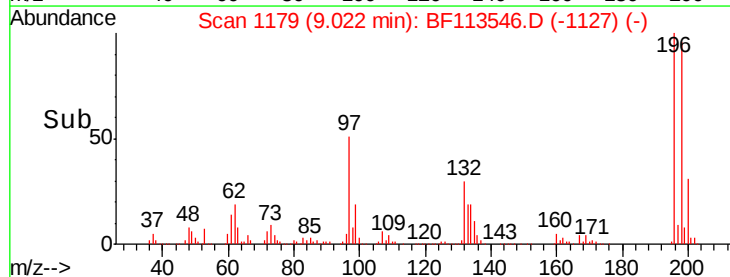
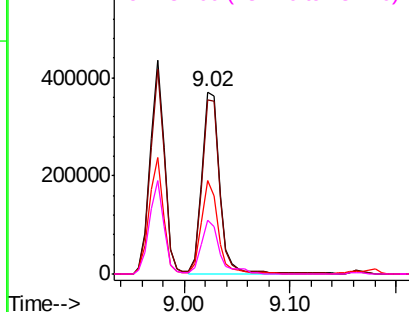


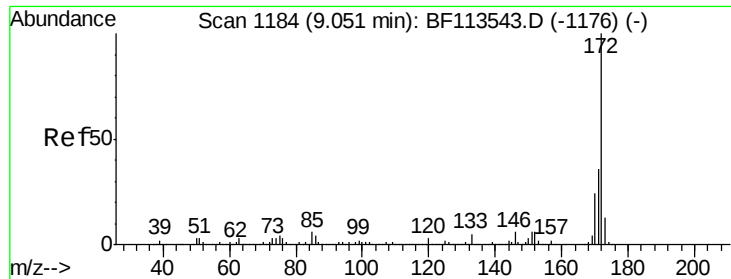
#44
 2,4,5-Trichlorophenol
 Concen: 71.630 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Tgt Ion:196 Resp: 429668
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.0 114.0
 97 51.0 40.2 60.4
 132 29.7 23.5 35.3



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

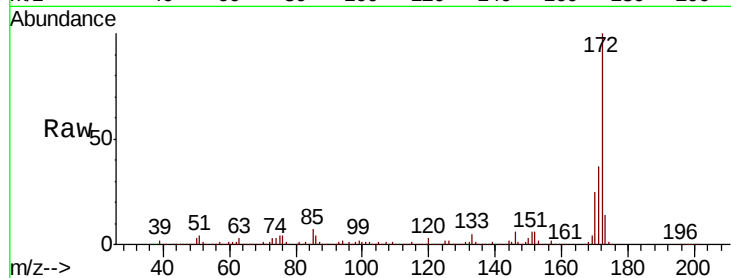




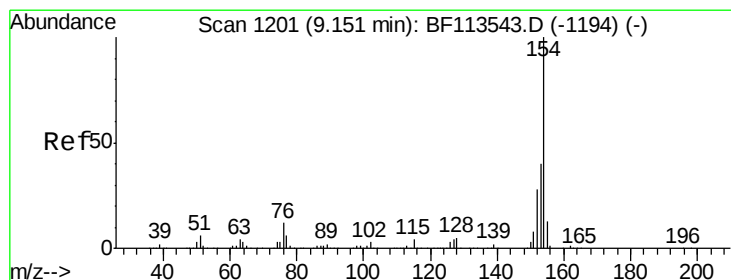
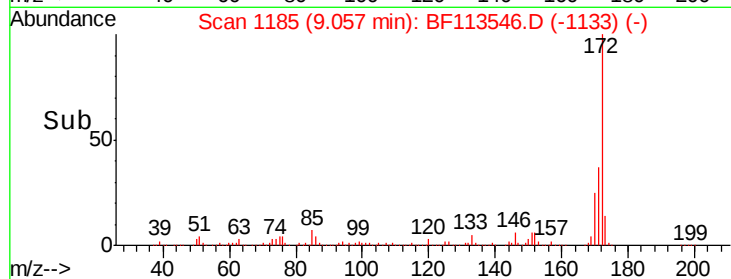
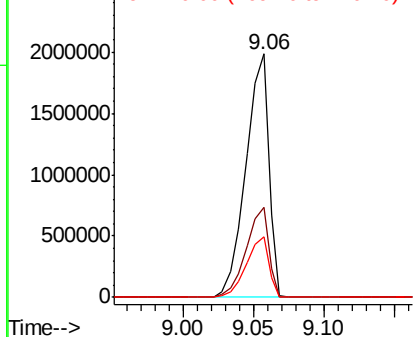
#45
2-Fluorobiphenyl
Concen: 128.608 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2274098
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.6
170 24.9 19.5 29.3

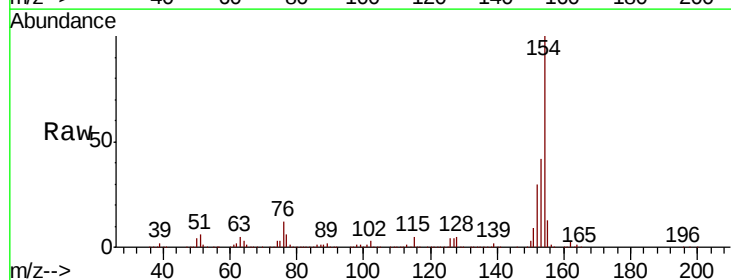


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

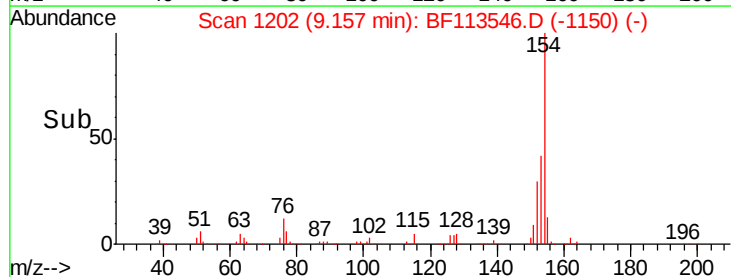
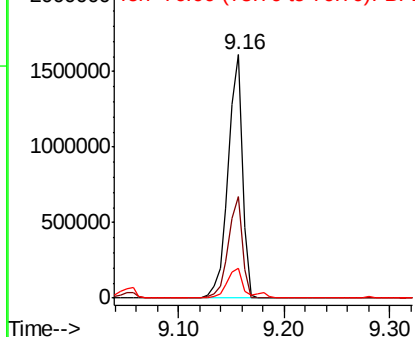


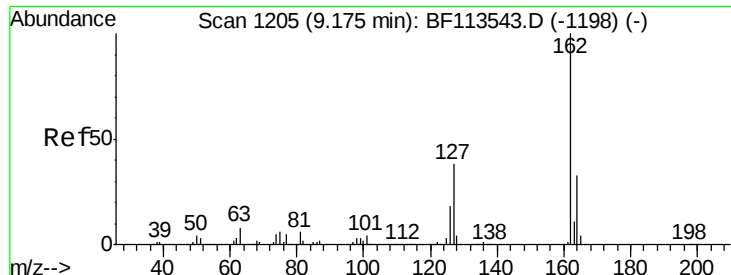
#46
1,1'-Biphenyl
Concen: 70.059 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion:154 Resp: 1517219
Ion Ratio Lower Upper
154 100
153 41.7 20.2 60.2
76 12.2 0.0 31.7



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

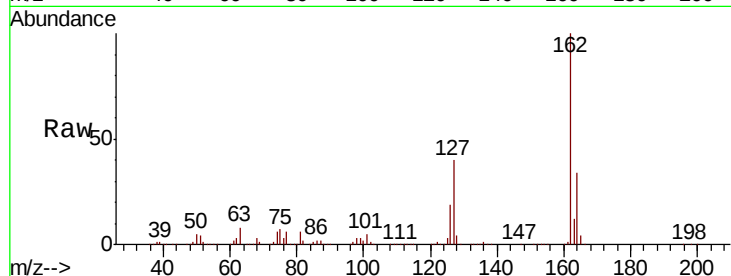




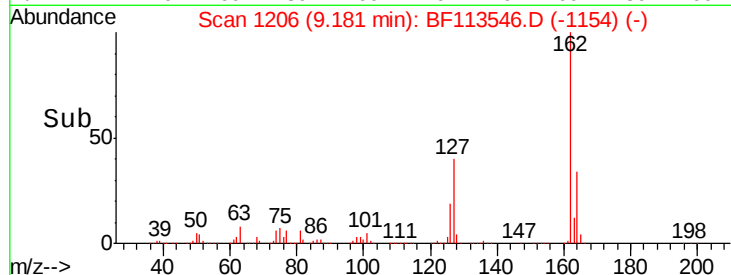
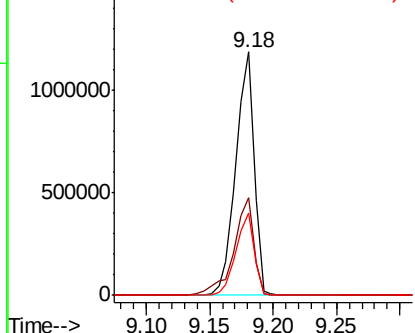
#47
 2-Chloronaphthalene
 Concen: 71.162 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1186572
 Ion Ratio Lower Upper
 162 100
 127 40.1 31.0 46.4
 164 33.6 26.6 40.0

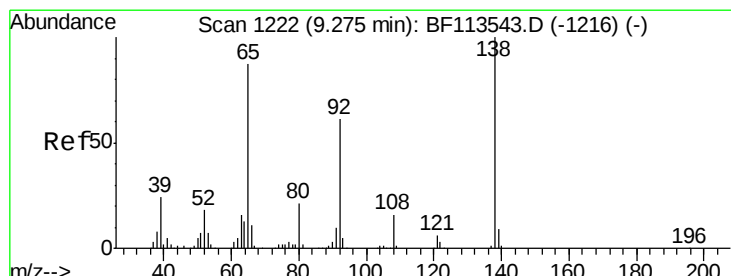


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

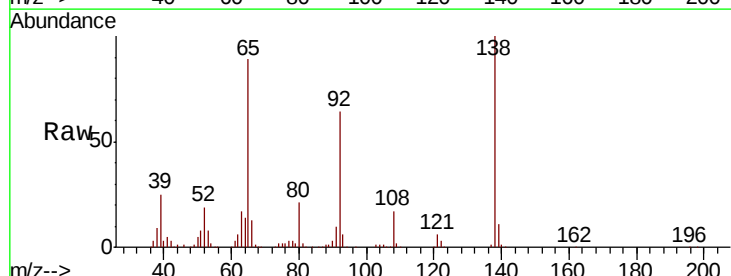
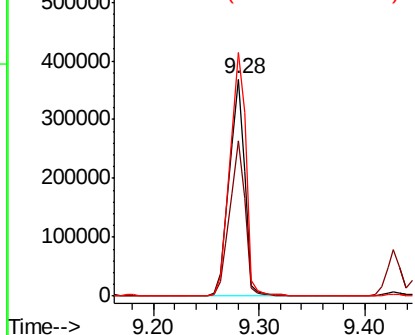


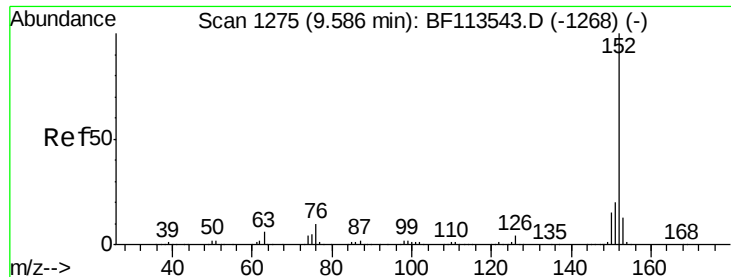
#48
 2-Nitroaniline
 Concen: 71.491 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Tgt Ion: 65 Resp: 374090
 Ion Ratio Lower Upper
 65 100
 92 71.5 56.0 84.0
 138 112.1 92.1 138.1



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: 68.089 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

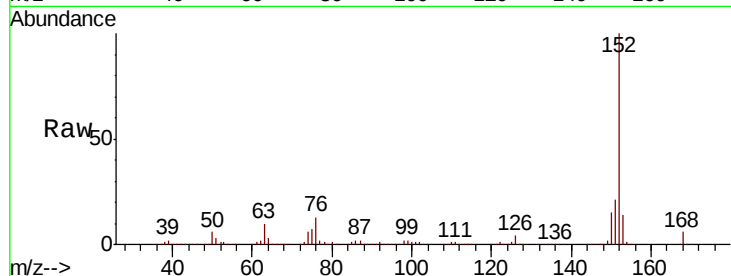
Tot Ion:152 Resp: 1835737

Ion Ratio Lower Upper

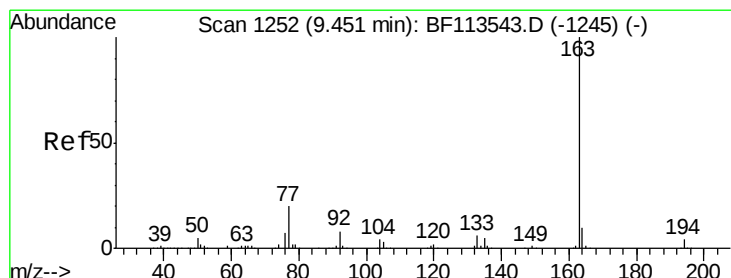
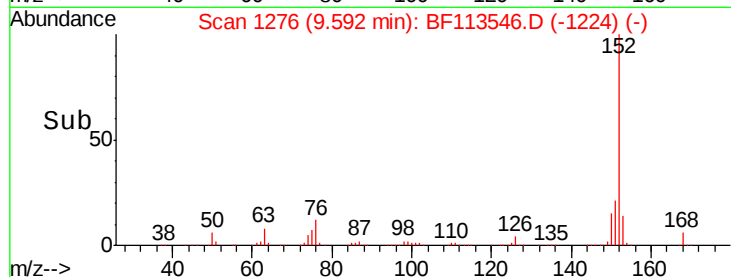
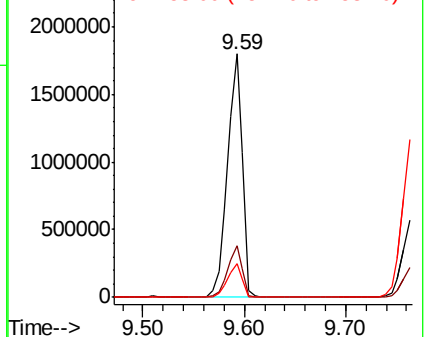
152 100

151 21.2 16.3 24.5

153 13.9 10.8 16.2



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: 74.610 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

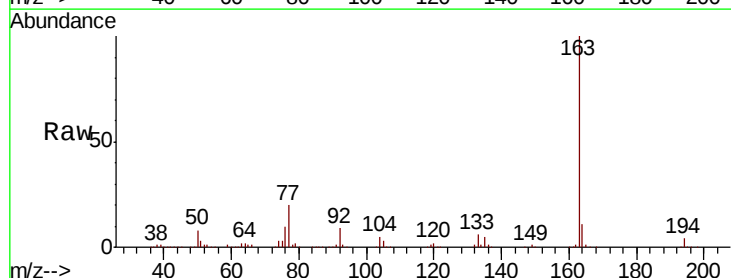
Tgt Ion:163 Resp: 1433709

Ion Ratio Lower Upper

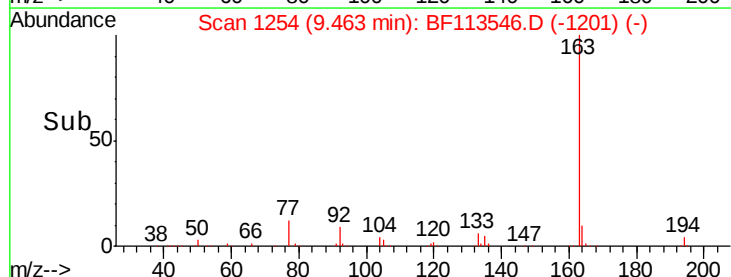
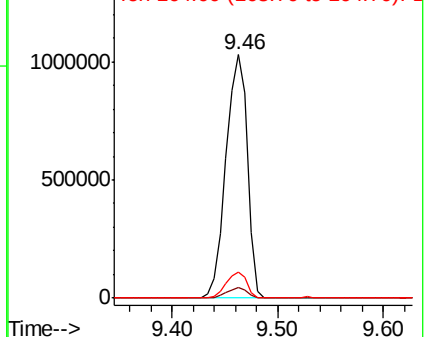
163 100

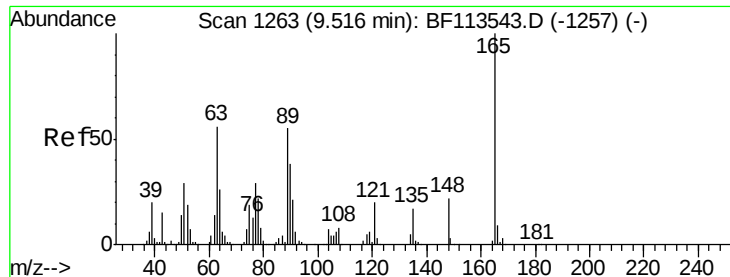
194 4.1 3.1 4.7

164 10.5 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: 72.425 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampled :

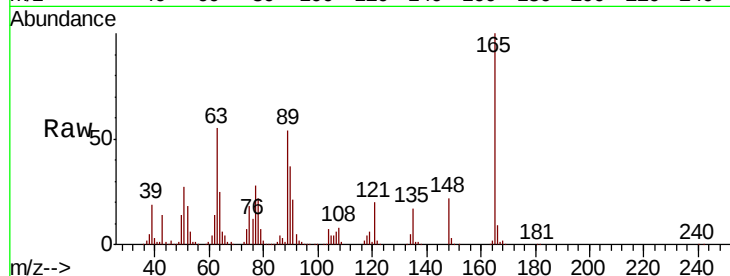
Tot Ion:165 Resp: 313969

Ion Ratio Lower Upper

165 100

63 54.7 45.1 67.7

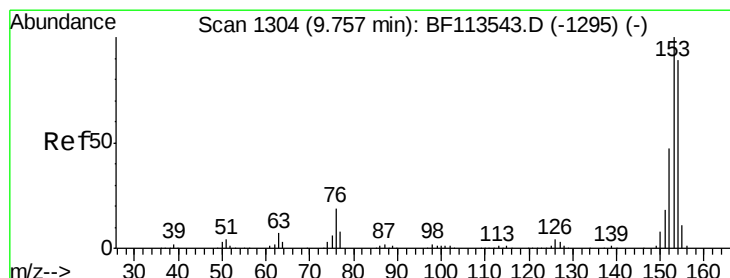
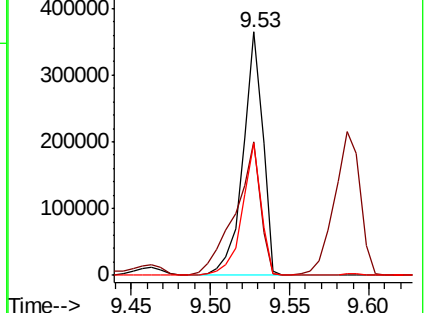
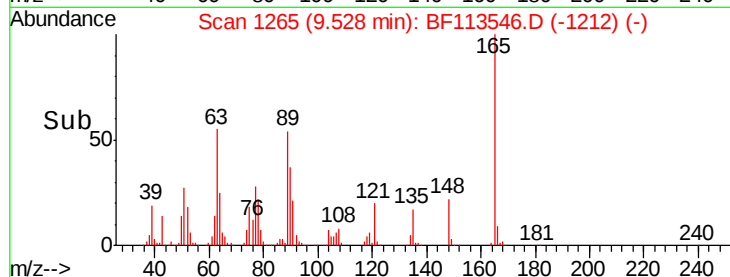
89 54.1 43.9 65.9



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: 71.308 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

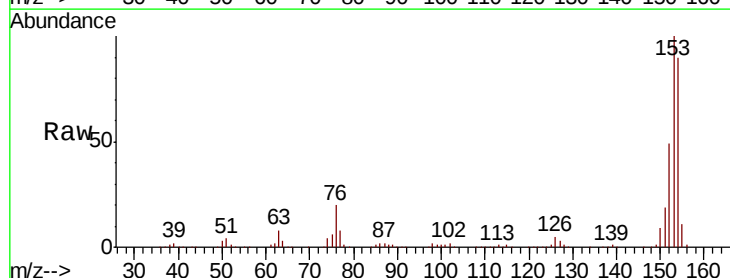
Tgt Ion:154 Resp: 1082675

Ion Ratio Lower Upper

154 100

153 110.9 89.8 134.8

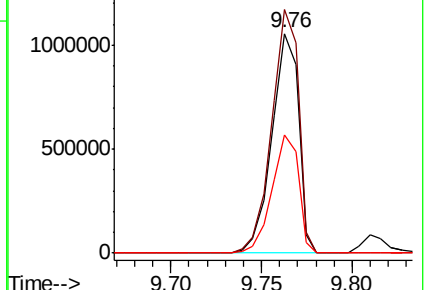
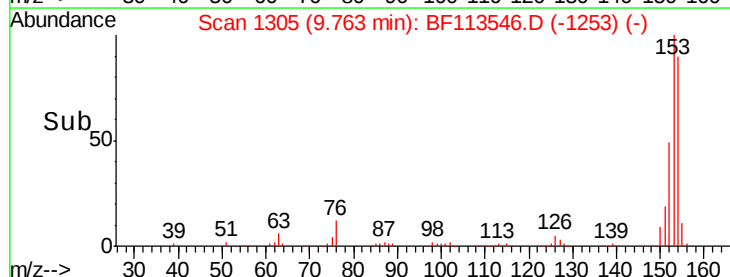
152 53.8 42.5 63.7

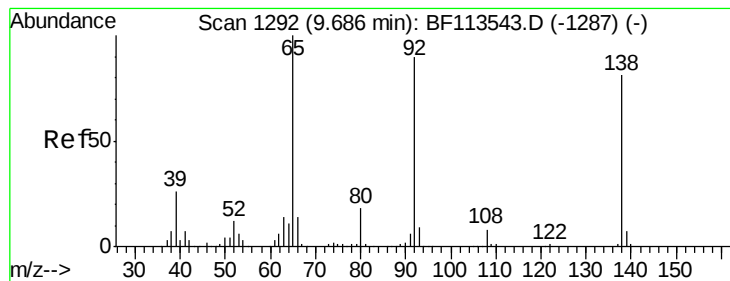


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 72.263 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

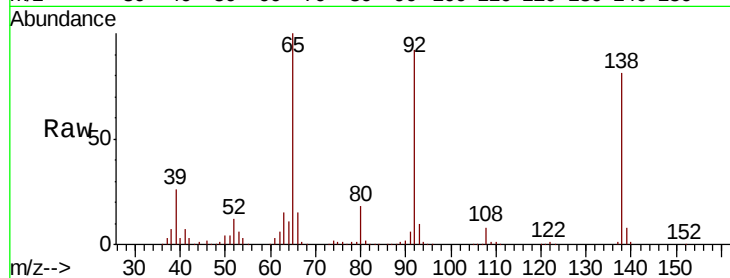
Tot Ion:138 Resp: 353275

Ion Ratio Lower Upper

138 100

108 9.6 7.6 11.4

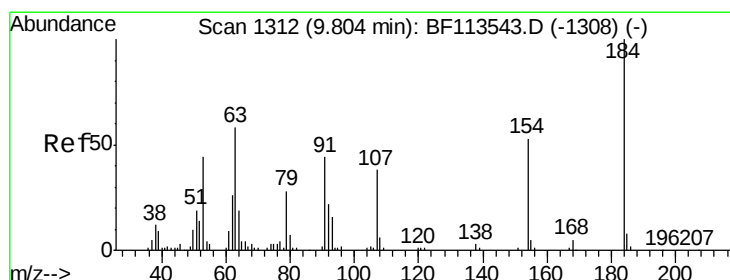
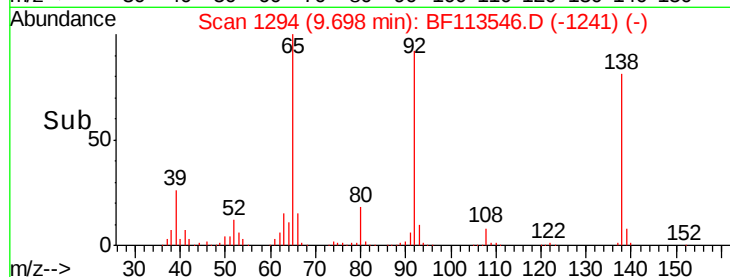
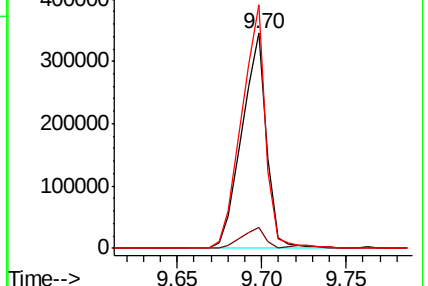
92 113.1 89.0 133.6



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: 75.191 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

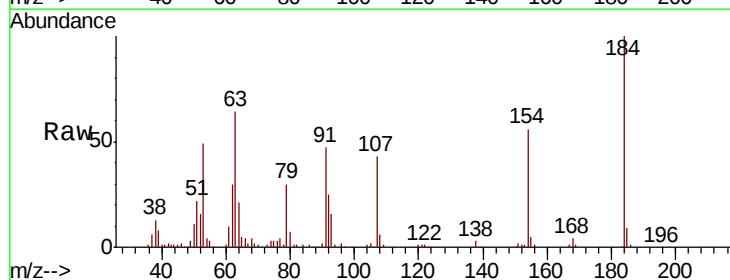
Tgt Ion:184 Resp: 162120

Ion Ratio Lower Upper

184 100

63 64.1 46.4 69.6

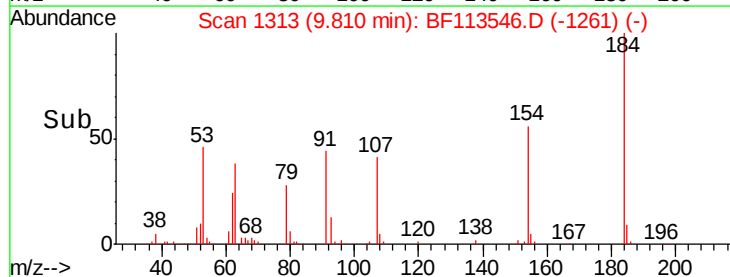
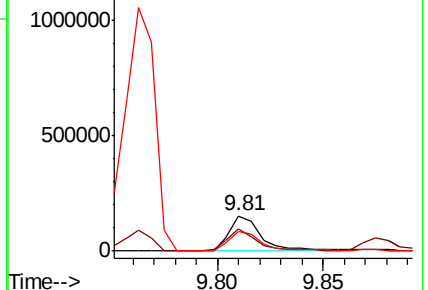
154 56.4 44.3 66.5

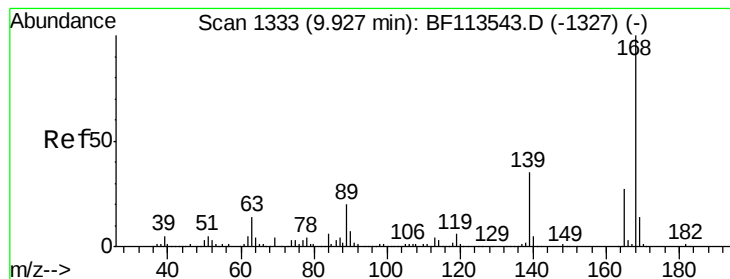


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 66.810 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

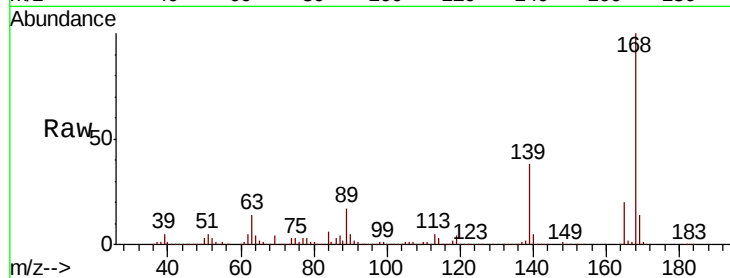
Tot Ion:168 Resp: 1524952

Ion Ratio Lower Upper

168 100

139 37.9 29.3 43.9

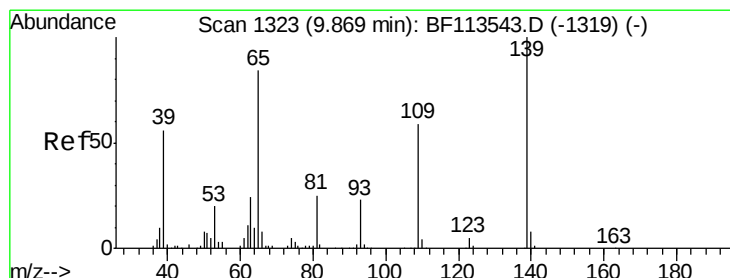
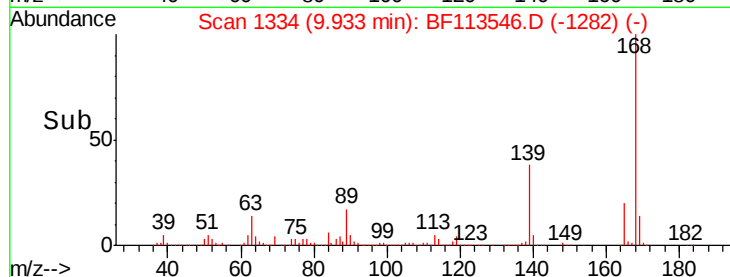
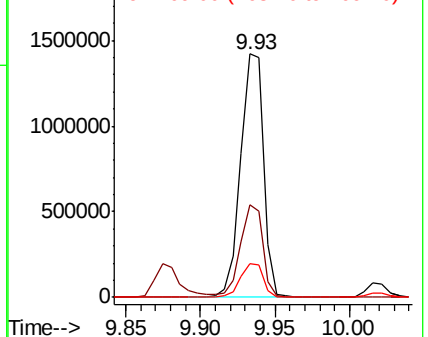
169 14.0 11.1 16.7



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: 67.270 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

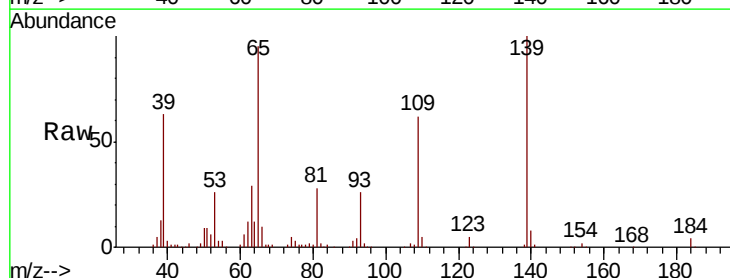
Tgt Ion:139 Resp: 234460

Ion Ratio Lower Upper

139 100

109 62.3 38.9 78.9

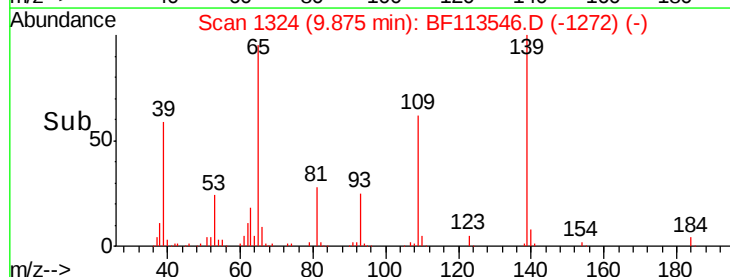
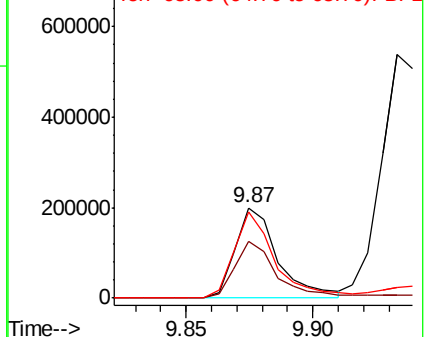
65 95.4 64.4 104.4

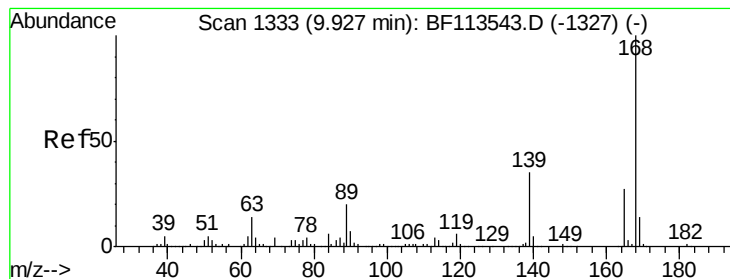


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 64.868 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 357609

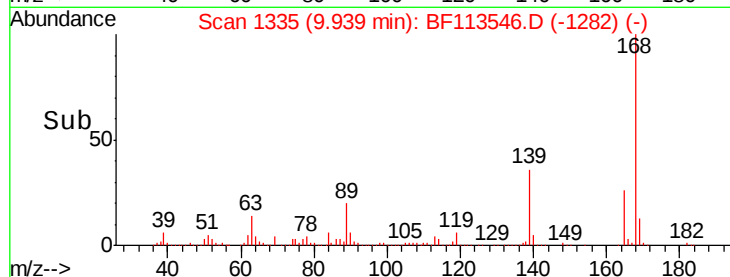
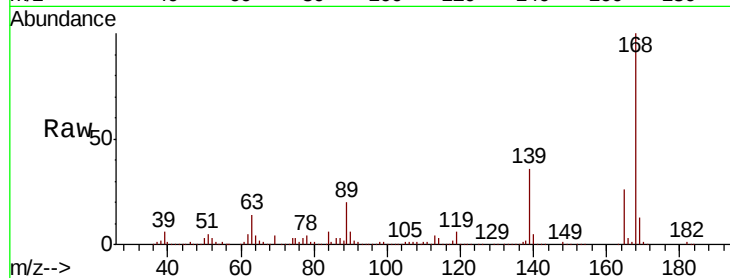
Ion Ratio Lower Upper

165 100

63 55.7 44.7 67.1

89 75.9 60.4 90.6

182 2.5 1.9 2.9

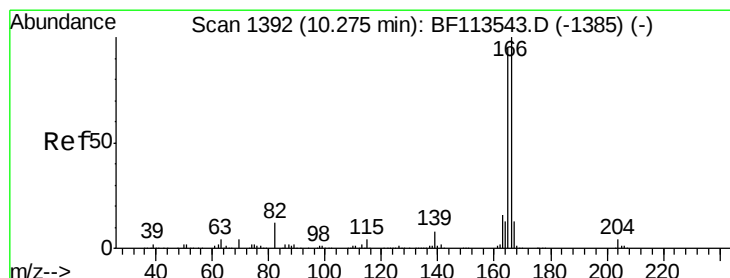
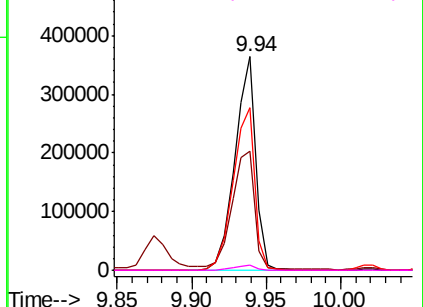


Abundance Ion 165.00 (164.70 to 165.70): E

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: 68.255 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

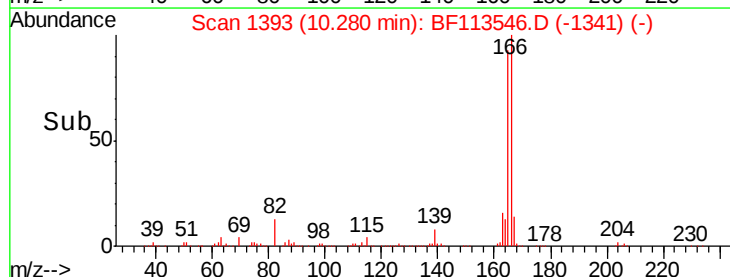
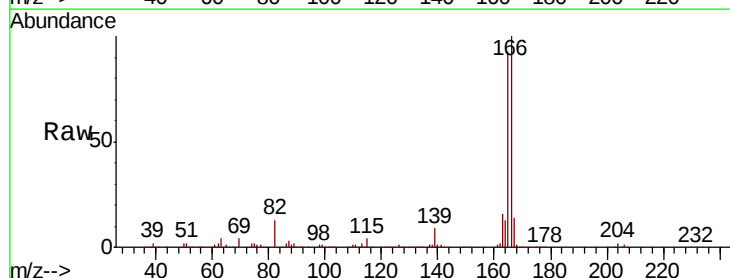
Tgt Ion:166 Resp: 1210268

Ion Ratio Lower Upper

166 100

165 93.2 75.9 113.9

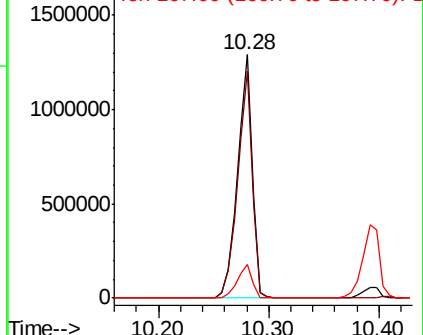
167 13.7 10.7 16.1

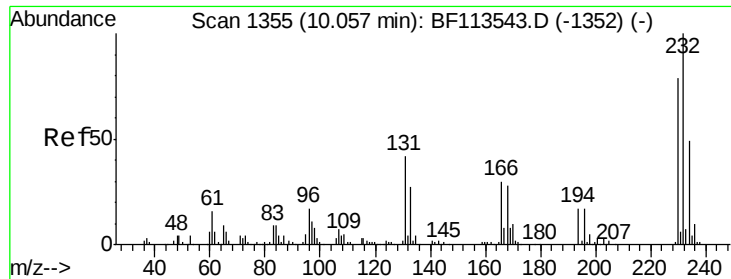


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

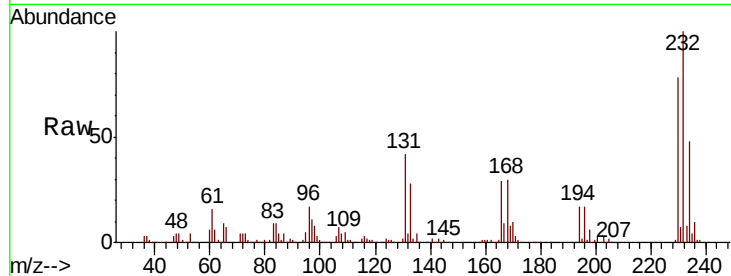




#59
2,3,4,6-Tetrachlorophenol
Concen: 73.571 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.6	50.4
130	1.9	1.4	2.2
166	27.9	22.4	33.6



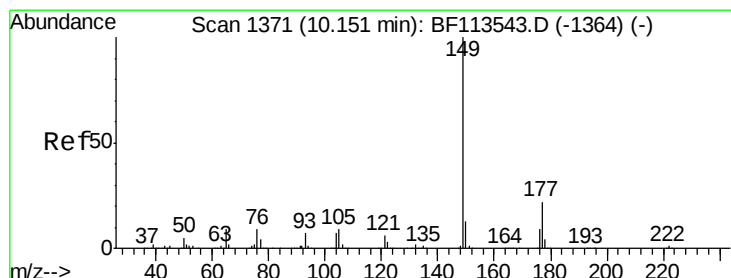
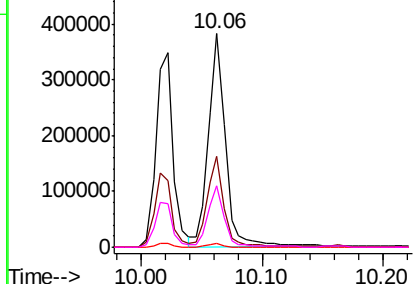
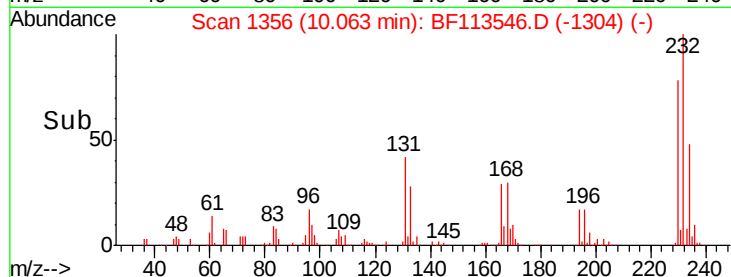
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

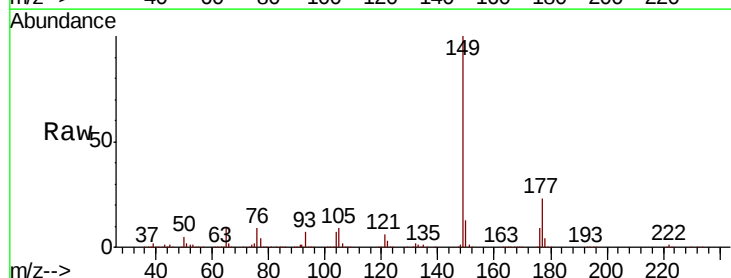
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 70.457 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.5	26.3
150	13.1	10.1	15.1

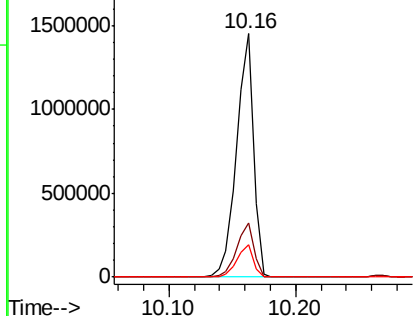
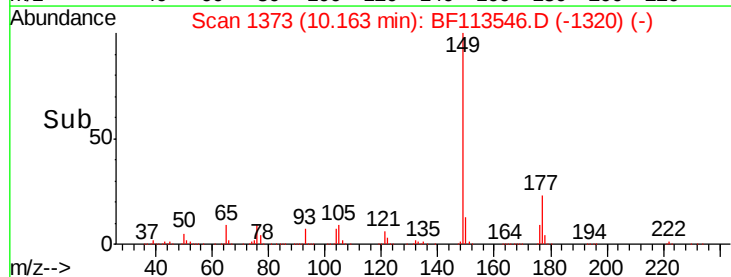


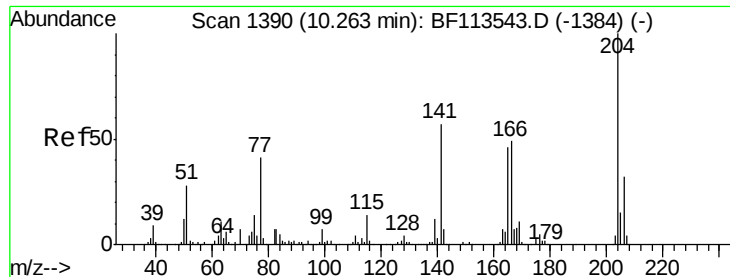
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

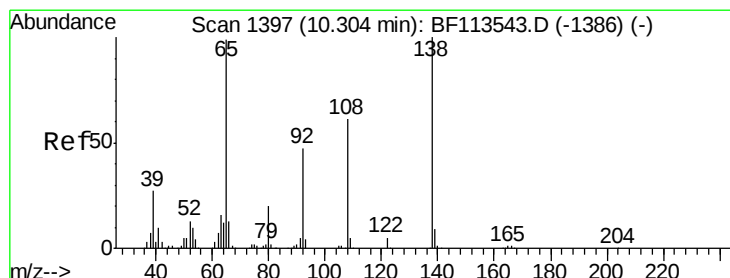
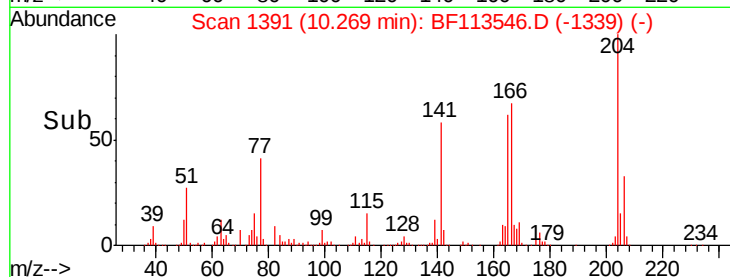
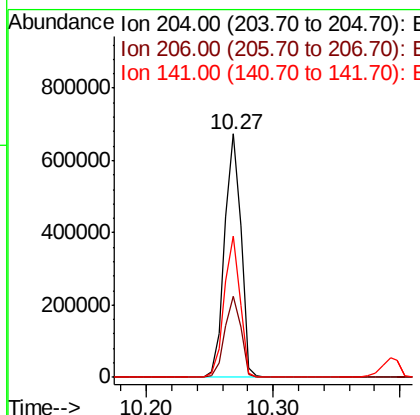
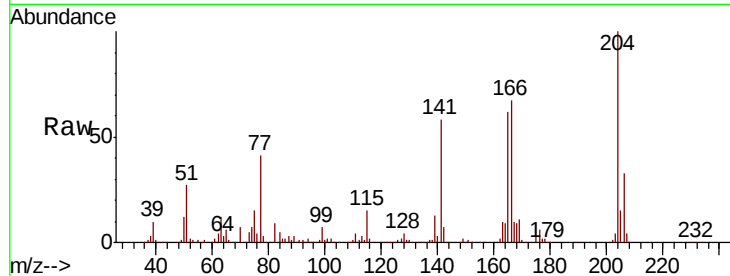




#61
 4-Chlorophenyl-phenylether
 Concen: 69.945 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

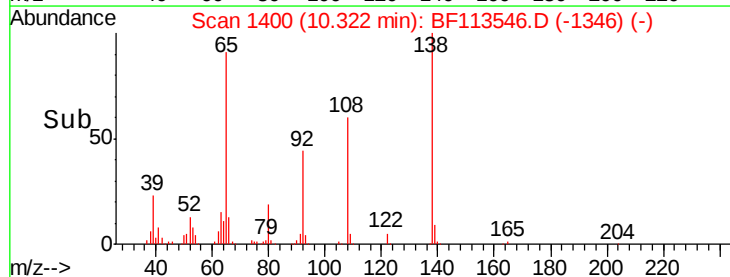
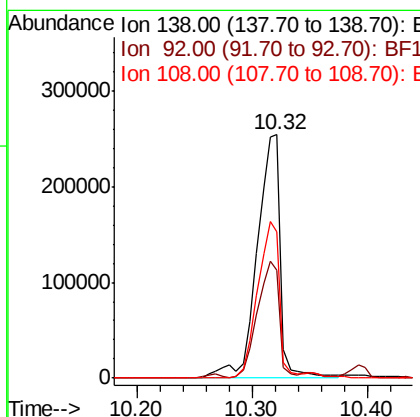
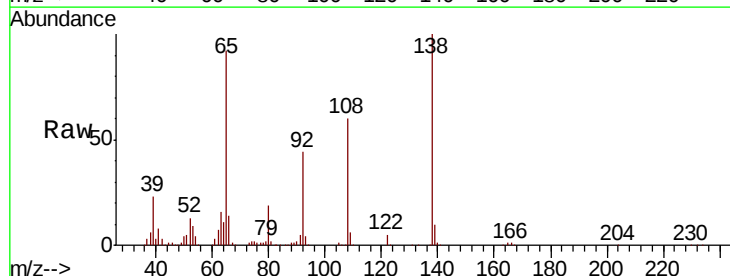
Instrument :
 BNA_F
 ClientSampleId :

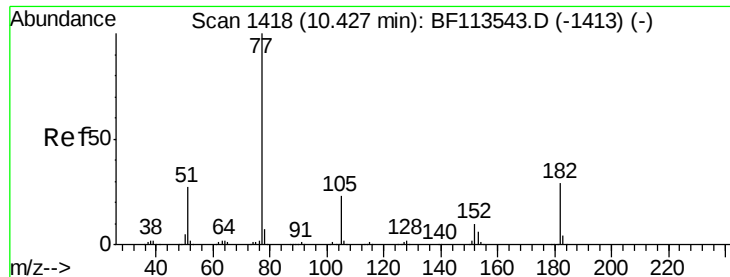
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	57.8	45.6	68.4



#62
 4-Nitroaniline
 Concen: 72.036 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.02 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.1	26.8	66.8
108	60.1	40.8	80.8





#63

Azobenzene

Concen: 71.218 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1263741

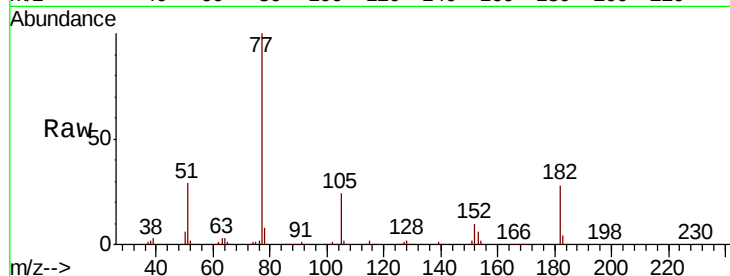
Ion	Ratio	Lower	Upper
77	100		
182	28.4	9.1	49.1
105	23.6	3.4	43.4
51	29.0	7.7	47.7

77 100

182 28.4 9.1 49.1

105 23.6 3.4 43.4

51 29.0 7.7 47.7

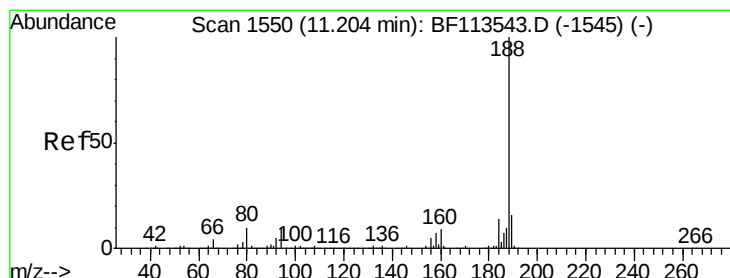
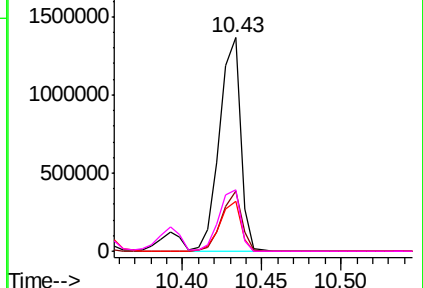
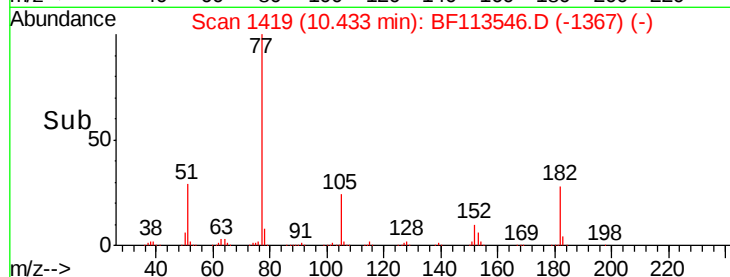


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

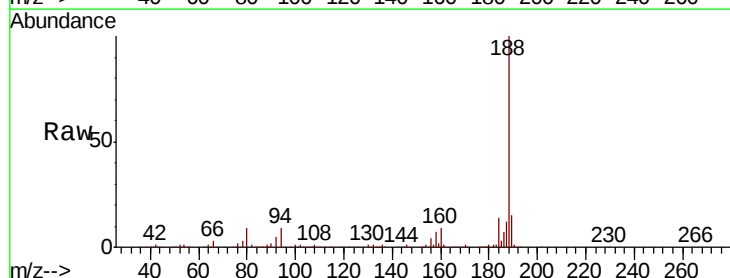
Tgt Ion: 188 Resp: 496771

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	9.3	8.2	12.4

188 100

94 9.4 8.0 12.0

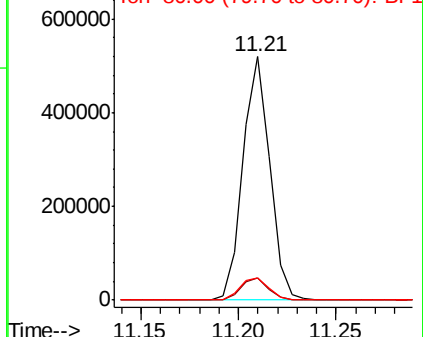
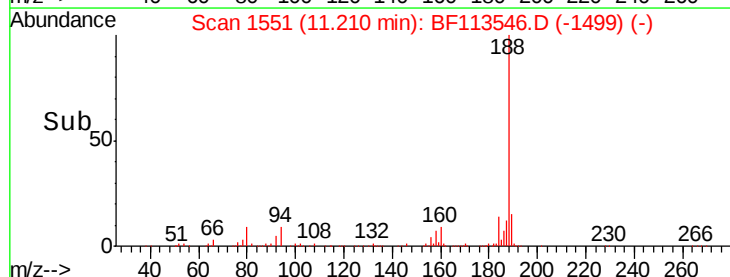
80 9.3 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

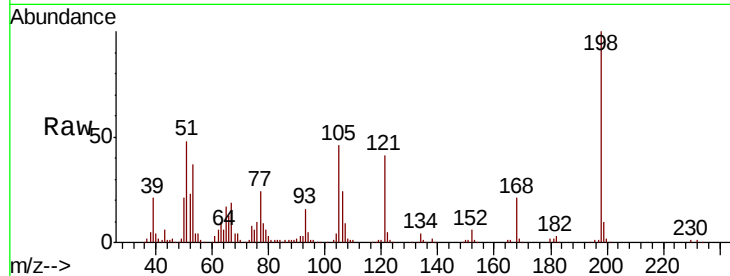




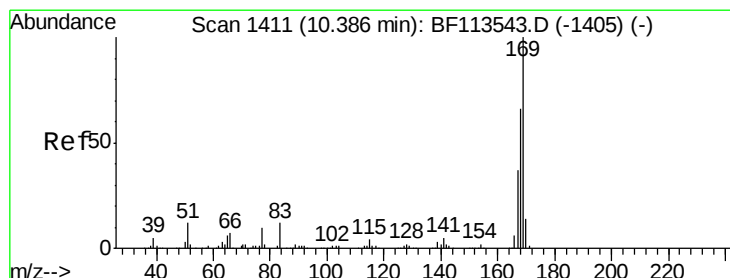
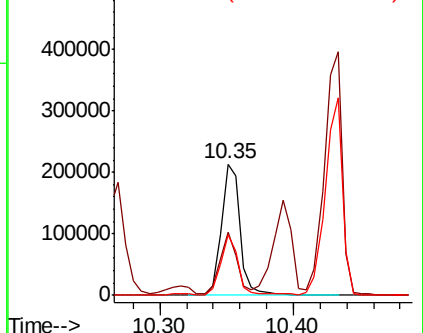
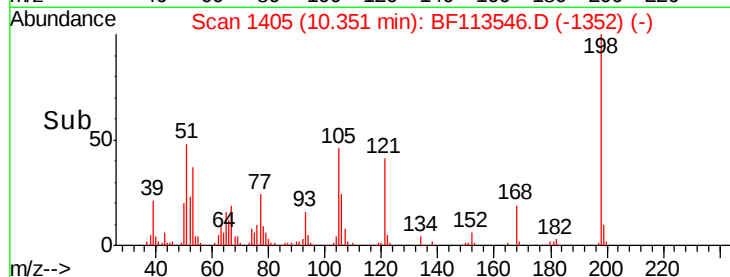
#65
4,6-Dinitro-2-methylphenol
Concen: 78.402 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 213063
Ion Ratio Lower Upper
198 100
51 48.4 31.0 71.0
105 46.0 26.1 66.1

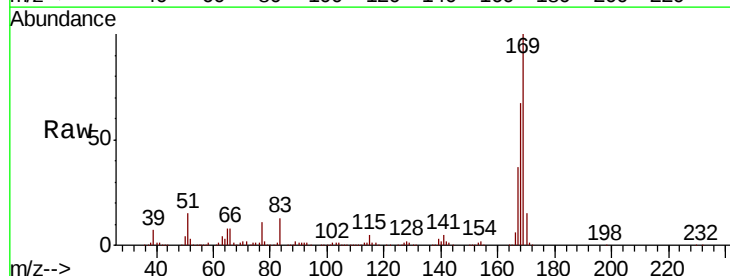


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

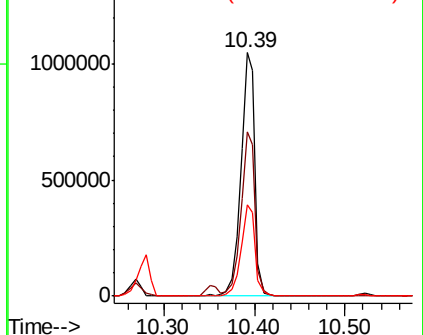
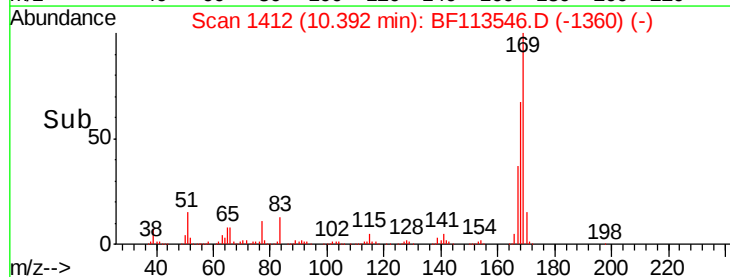


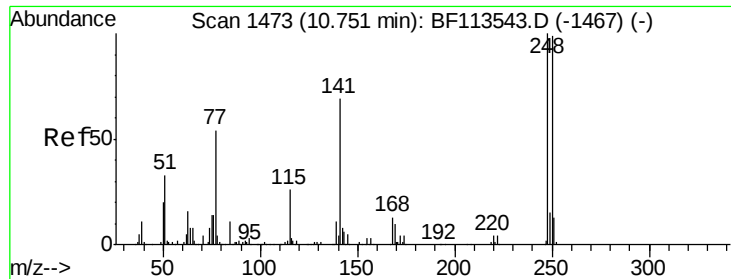
#66
n-Nitrosodiphenylamine
Concen: 73.951 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion:169 Resp: 1127282
Ion Ratio Lower Upper
169 100
168 67.4 53.7 80.5
167 37.3 29.6 44.4



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: 76.289 ng

RT: 10.76 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

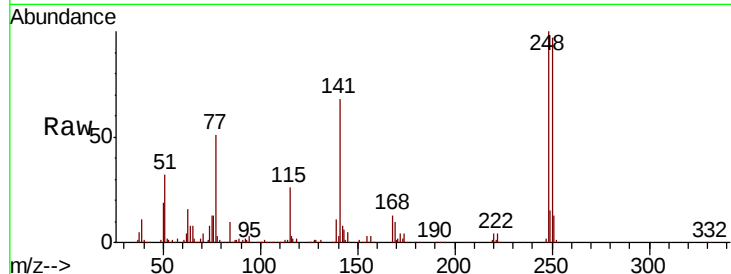
Tot Ion:248 Resp: 413059

Ion Ratio Lower Upper

248 100

250 97.1 78.9 118.3

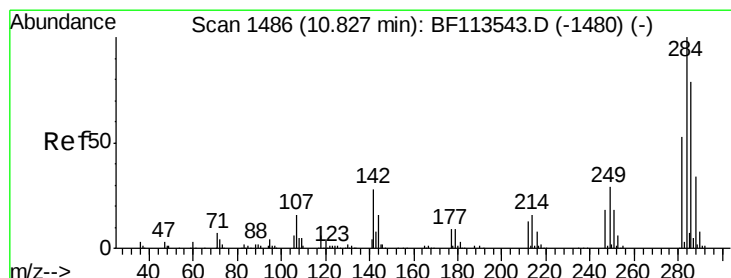
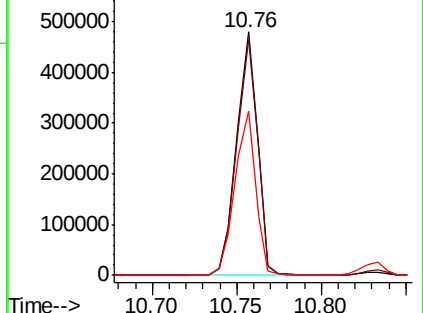
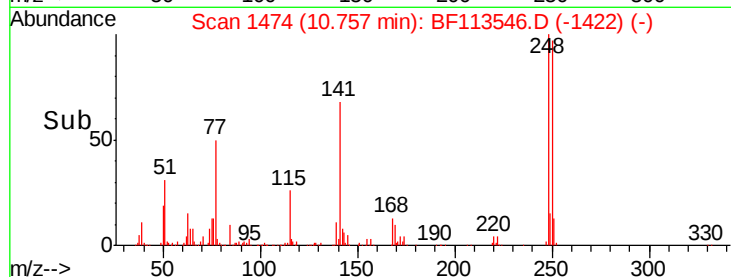
141 67.6 55.0 82.4



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: 75.115 ng

RT: 10.83 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

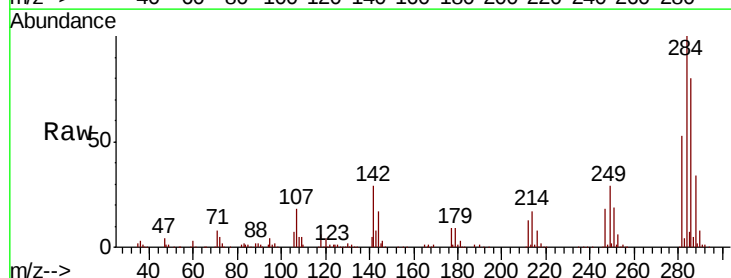
Tgt Ion:284 Resp: 472075

Ion Ratio Lower Upper

284 100

142 28.9 22.5 33.7

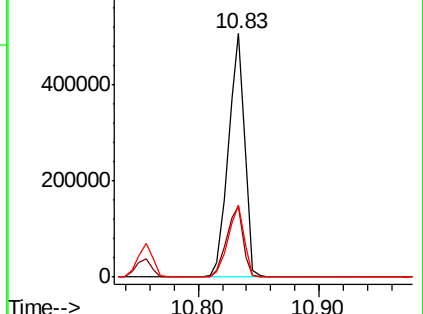
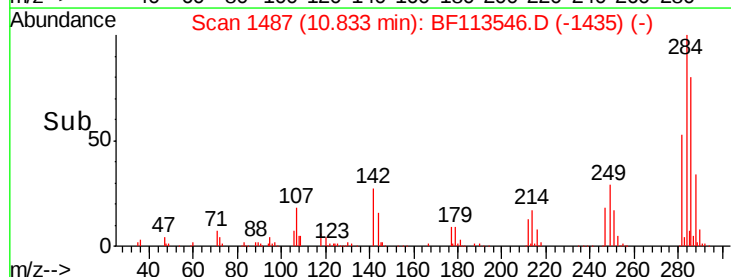
249 29.4 22.9 34.3

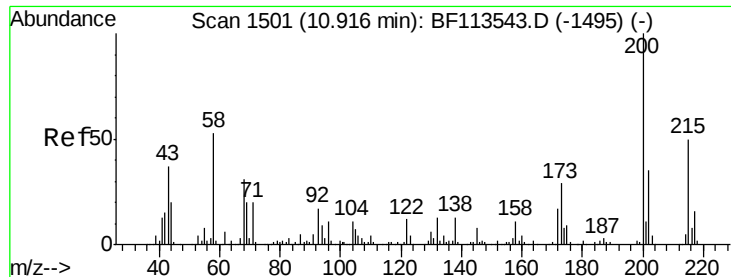


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

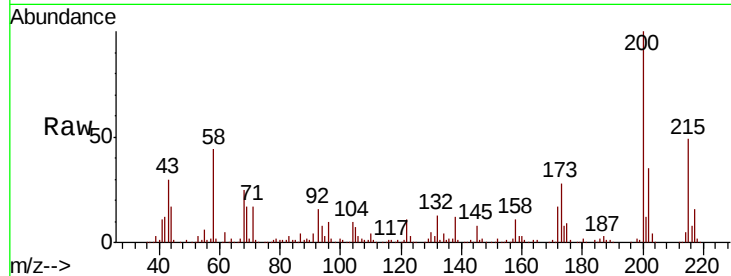




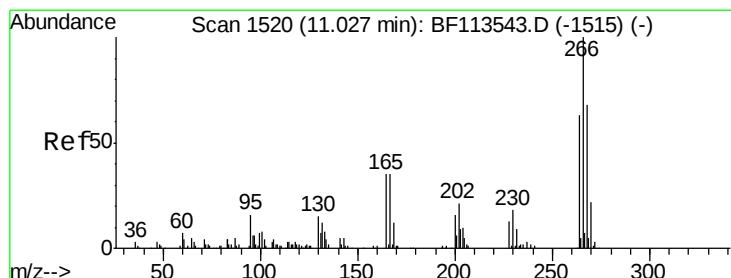
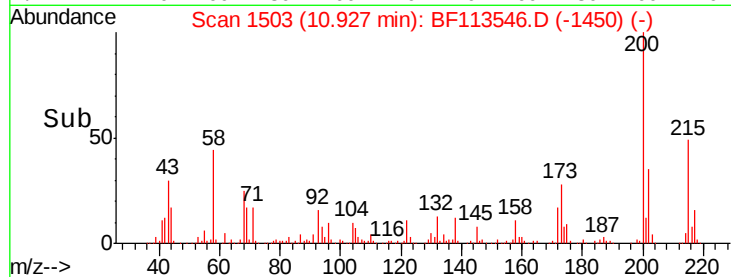
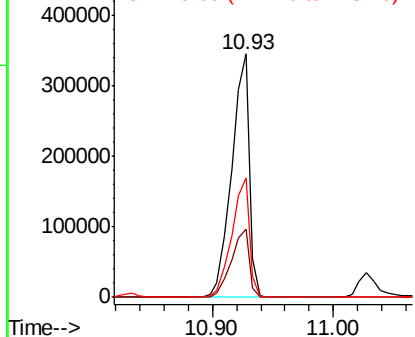
#69
 Atrazine
 Concen: 72.931 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.7	48.7
215	49.0	29.6	69.6

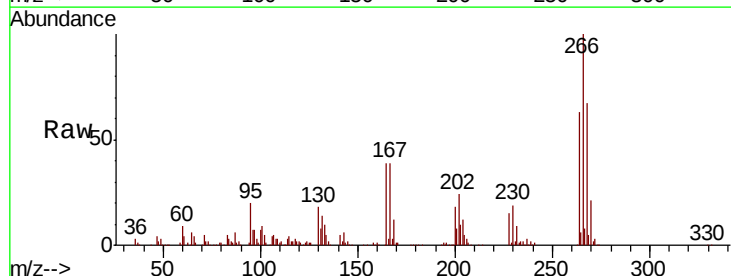


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

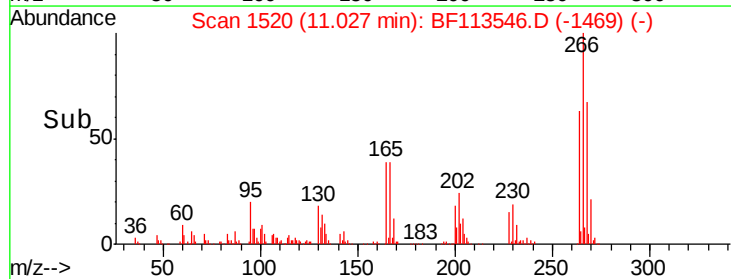
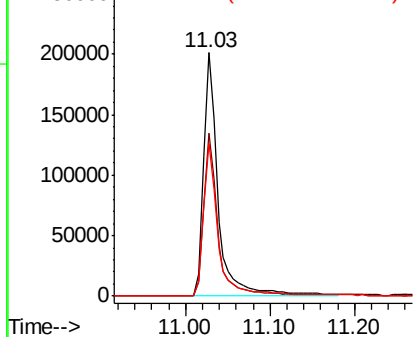


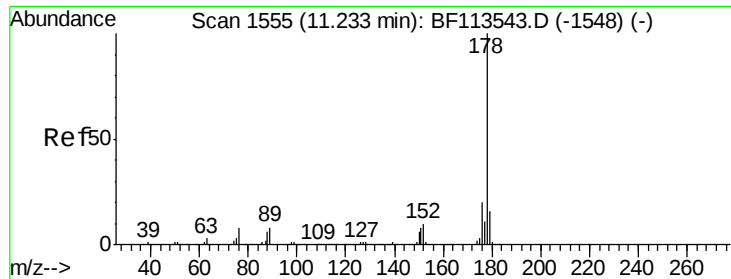
#70
 Pentachlorophenol
 Concen: 74.422 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	54.7	82.1
264	62.7	50.0	75.0



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

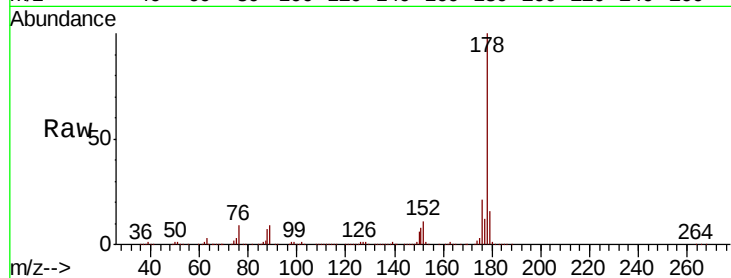




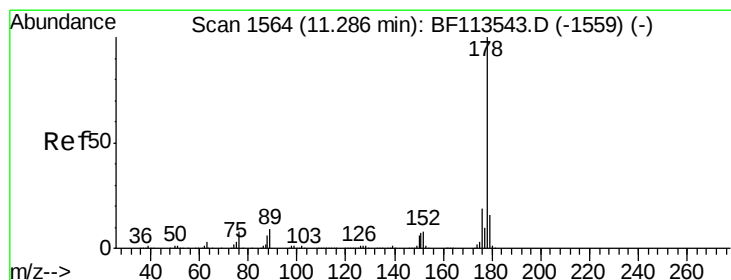
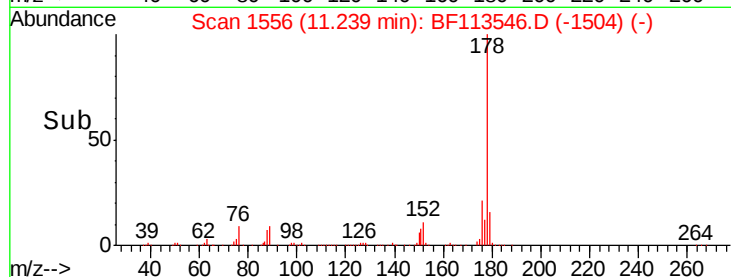
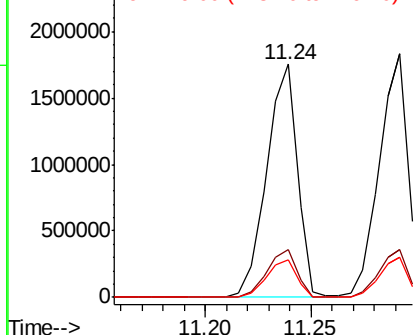
#71
Phenanthrene
Concen: 71.866 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1772923
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.8
179 16.0 12.6 19.0

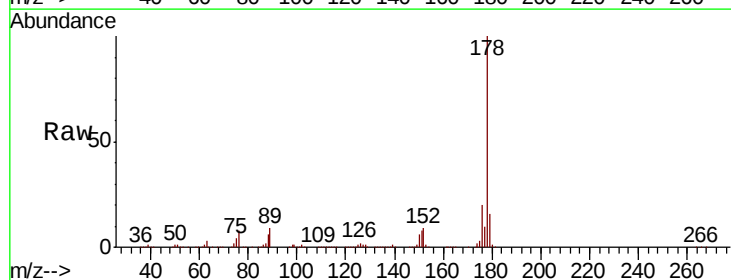


Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

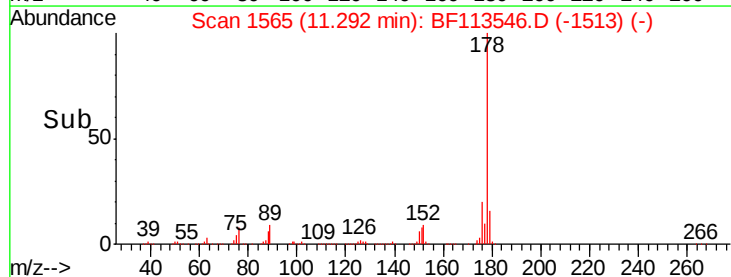
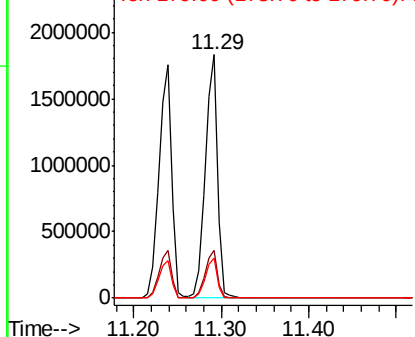


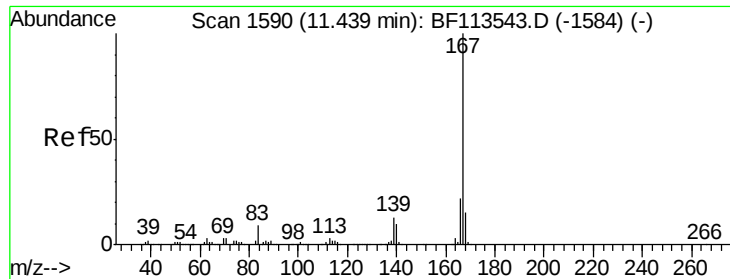
#72
Anthracene
Concen: 70.860 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion:178 Resp: 1775608
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

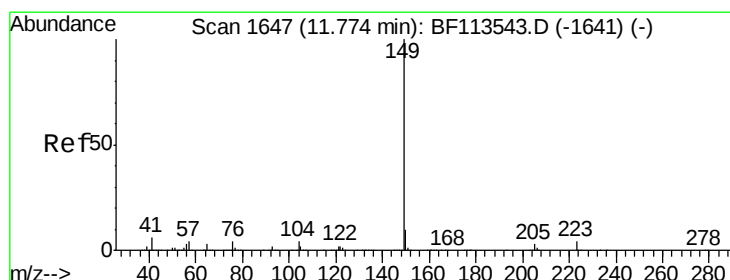
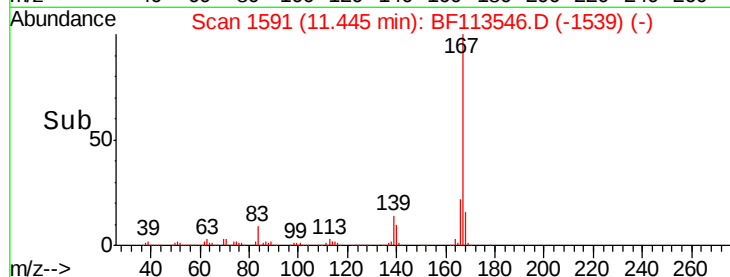
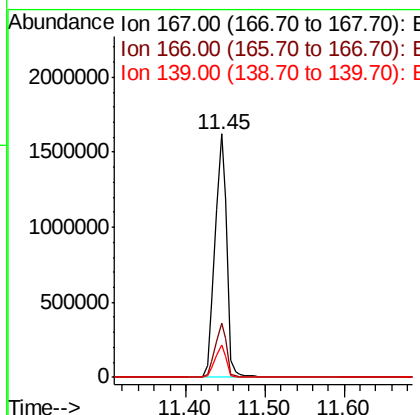
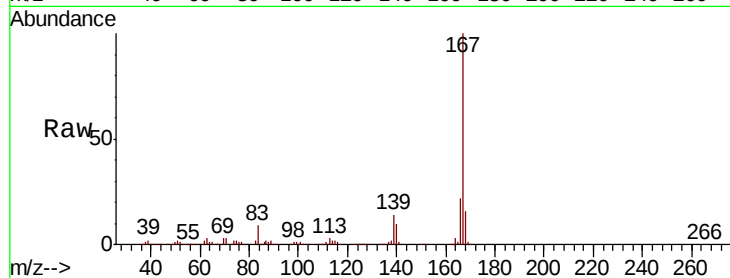




#73
 Carbazole
 Concen: 70.055 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

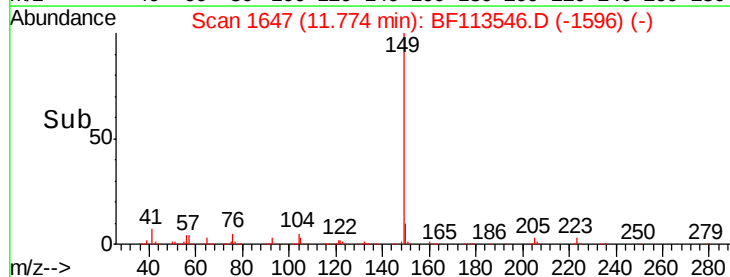
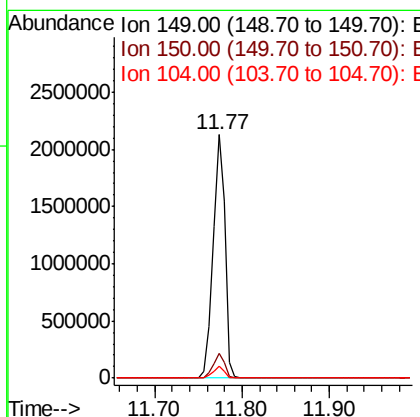
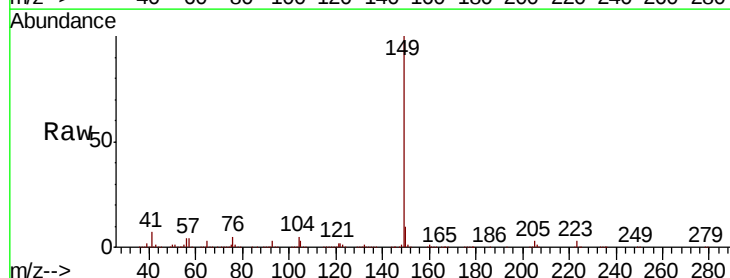
Instrument :
 BNA_F
 ClientSampleId :

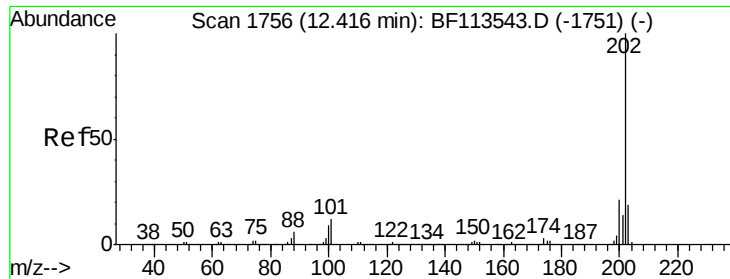
Tot Ion:167 Resp: 1675065
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 13.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 72.535 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Tgt Ion:149 Resp: 2011230
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 4.7 3.3 4.9





#75

Fluoranthene

Concen: 65.627 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

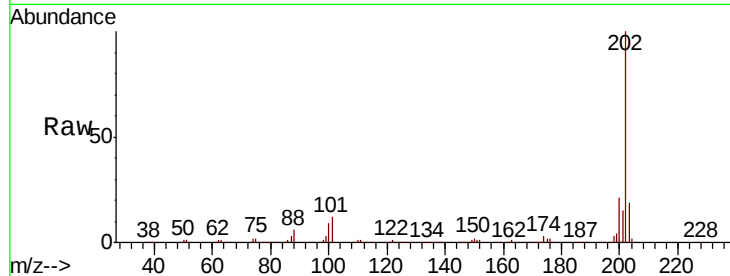
Tot Ion:202 Resp: 1830260

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.2

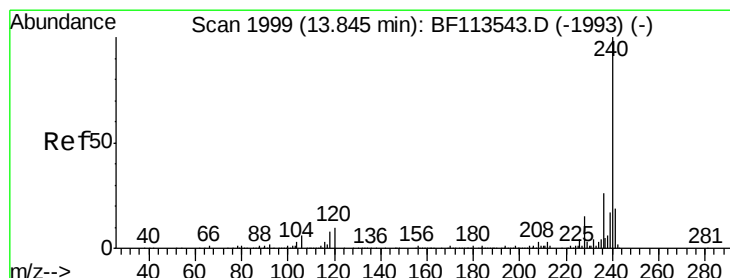
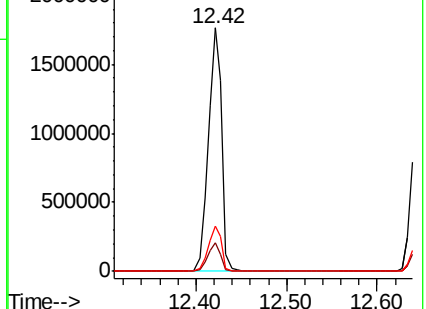
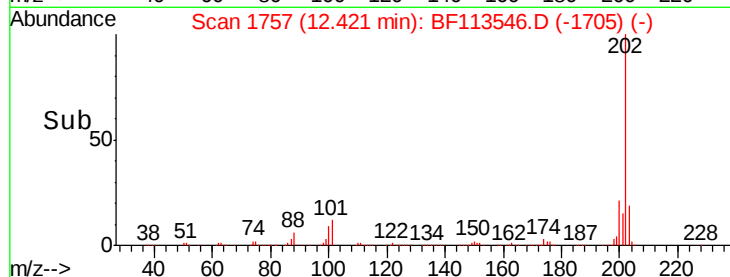
203 18.6 0.0 38.6



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: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

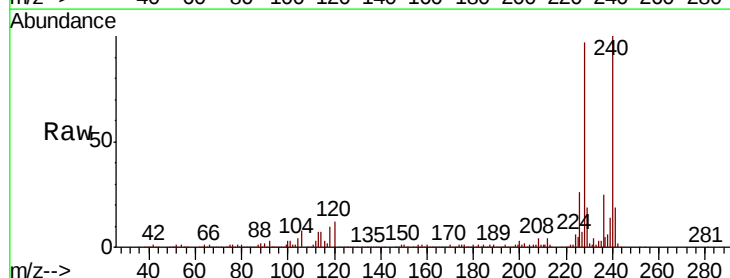
Tgt Ion:240 Resp: 301790

Ion Ratio Lower Upper

240 100

120 12.3 8.0 12.0#

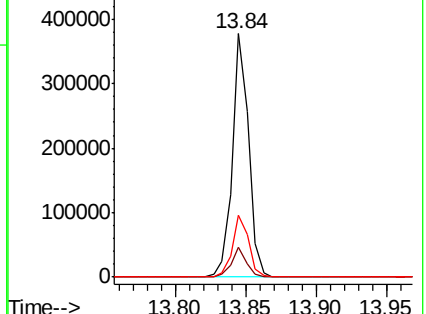
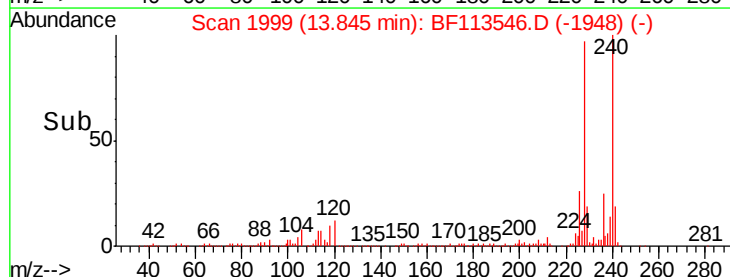
236 25.4 20.9 31.3

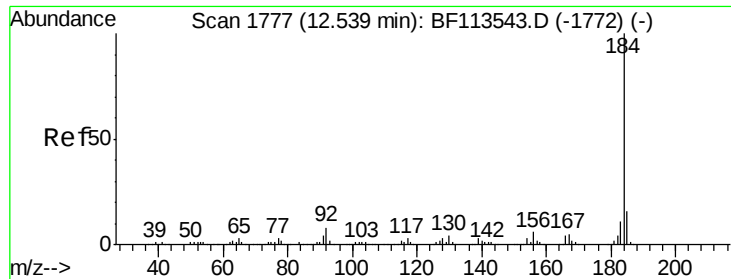


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.257 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampled :

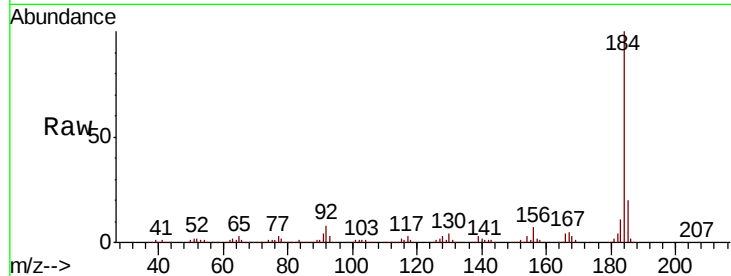
Tot Ion:184 Resp: 650163

Ion Ratio Lower Upper

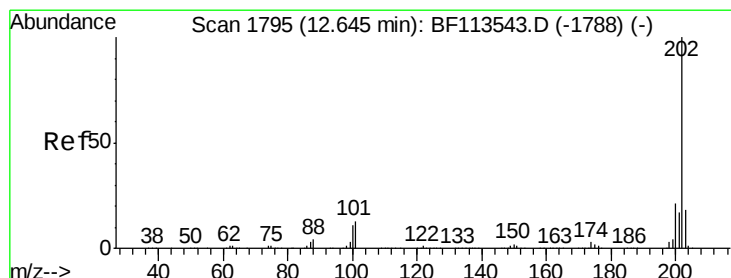
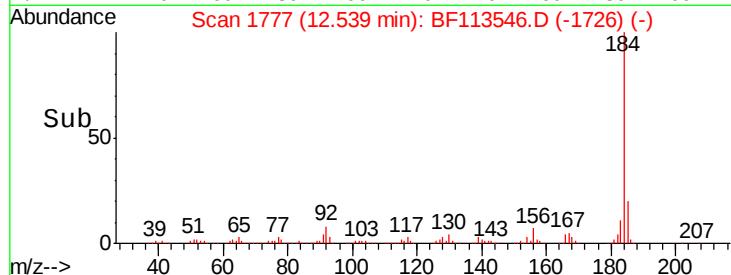
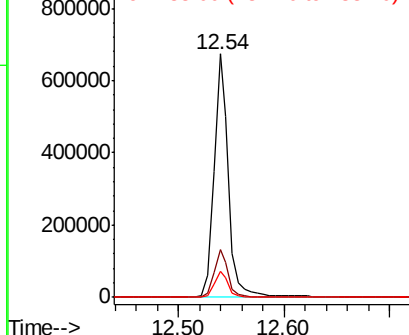
184 100

185 19.5 13.0 19.6

183 10.9 8.7 13.1



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: 86.628 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

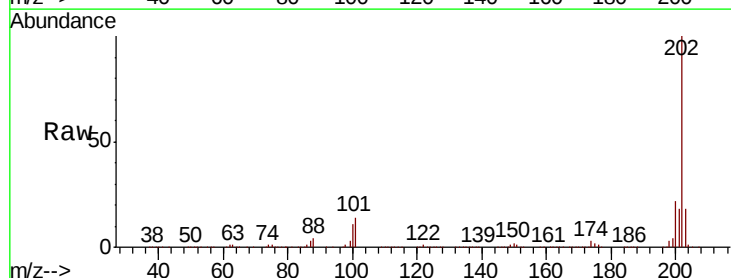
Tgt Ion:202 Resp: 1811651

Ion Ratio Lower Upper

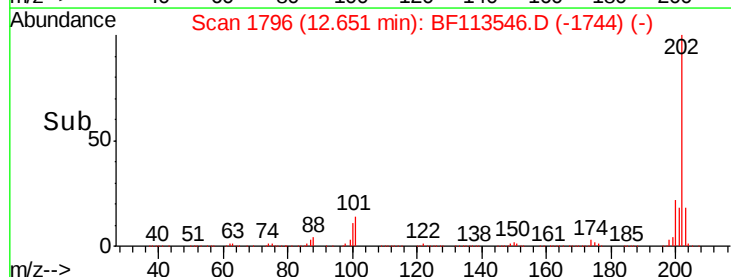
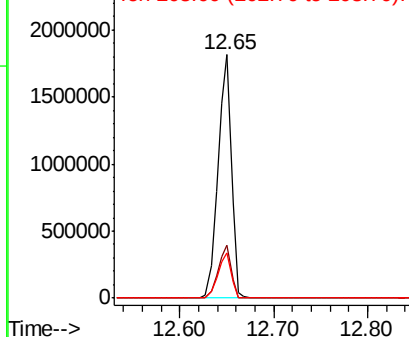
202 100

200 21.7 16.8 25.2

203 18.5 14.6 21.8



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

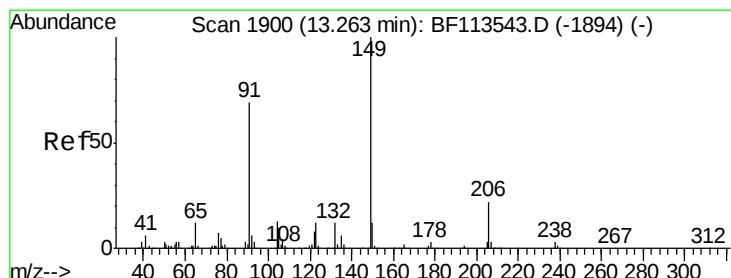
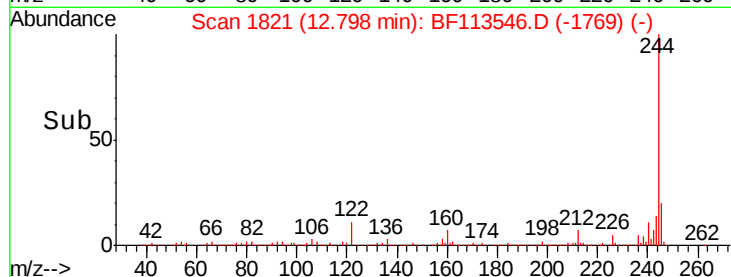
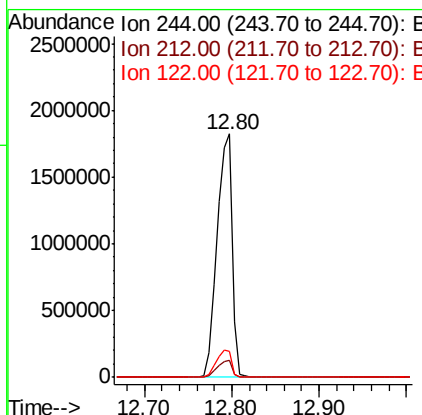
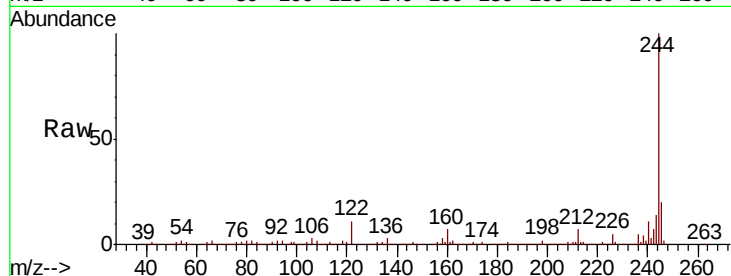




#79
 Terphenyl-d14
 Concen: 161.021 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

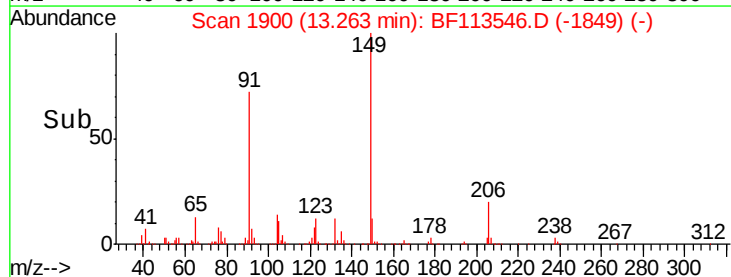
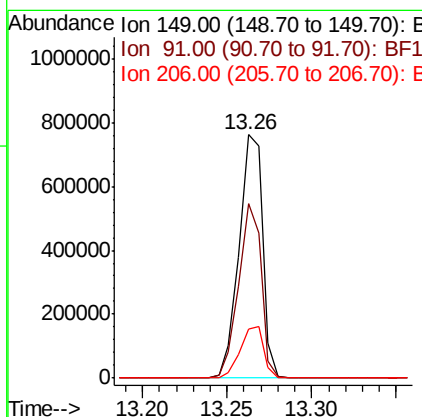
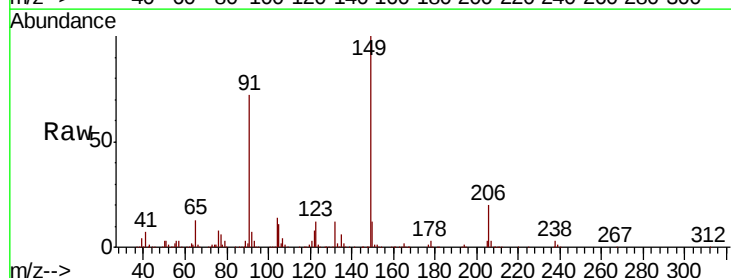
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2204663
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.3 7.9
 122 10.6 8.2 12.4



#80
 Butylbenzylphthalate
 Concen: 80.582 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. 0.00 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Tgt Ion:149 Resp: 742690
 Ion Ratio Lower Upper
 149 100
 91 71.5 54.9 82.3
 206 20.2 17.5 26.3





#81

Benzo(a)anthracene

Concen: 75.669 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

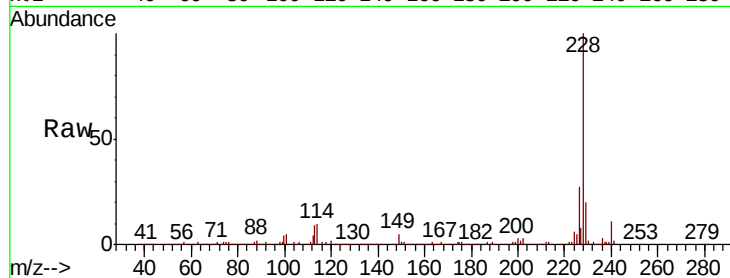
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1307173

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	20.1	15.8	23.8

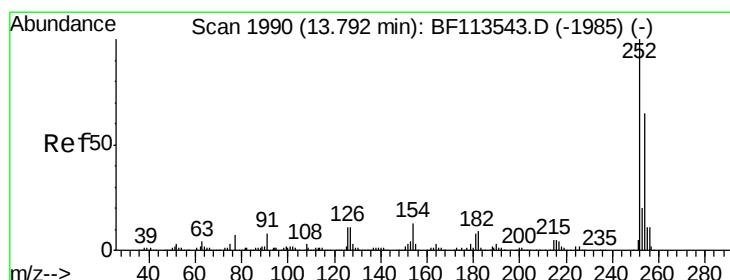
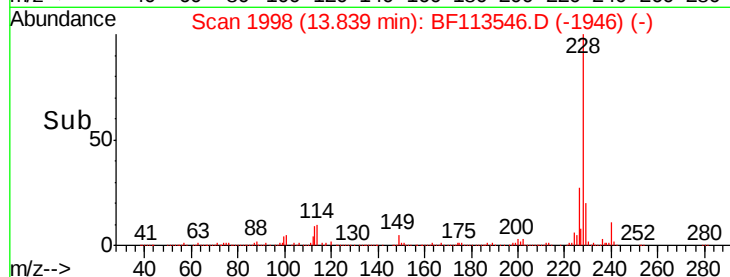
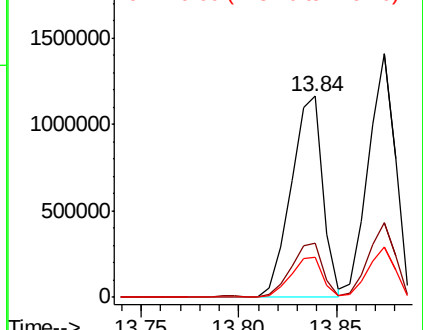


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 68.258 ng

RT: 13.80 min Scan# 1991

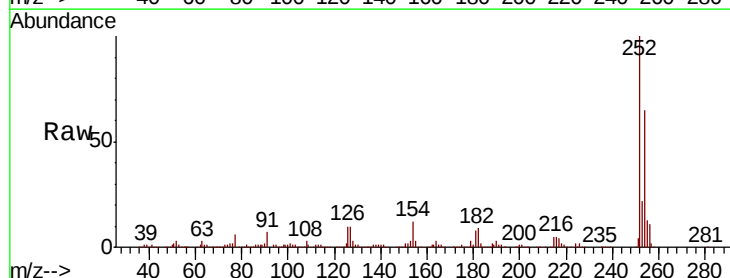
Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Tgt Ion:252 Resp: 473044

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	10.2	8.8	13.2

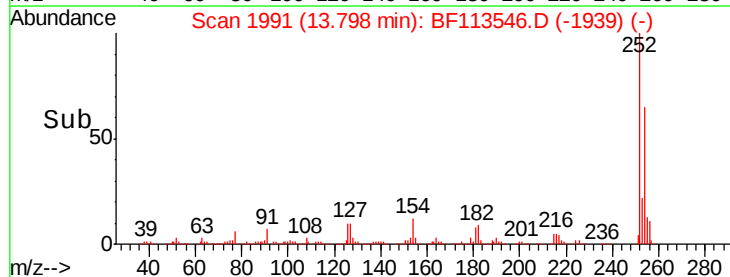
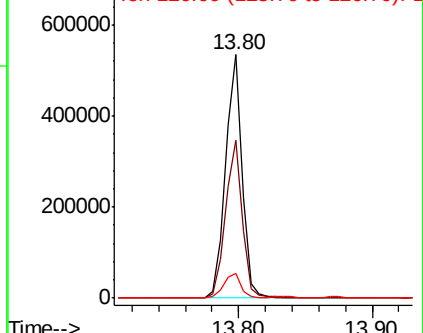


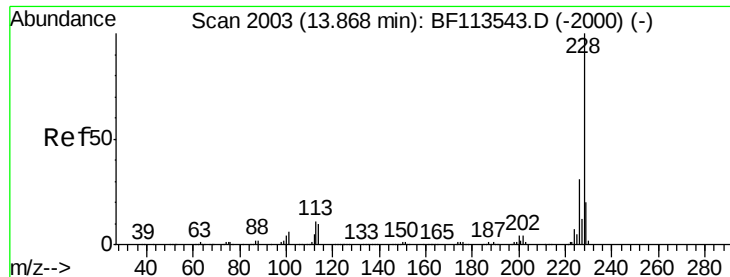
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 76.864 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Instrument :

BNA_F

ClientSampleId :

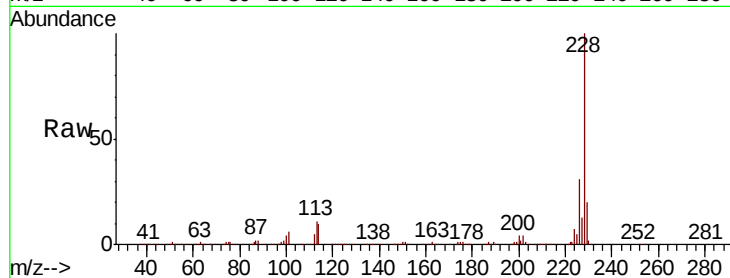
Tot Ion:228 Resp: 1348697

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

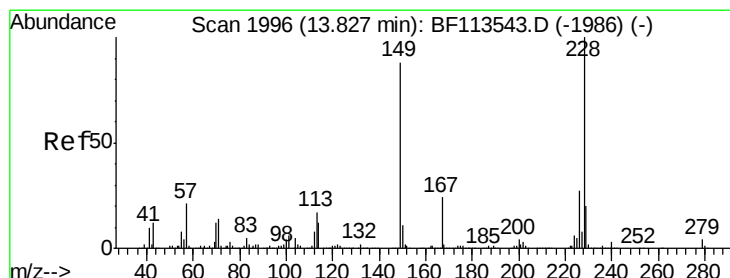
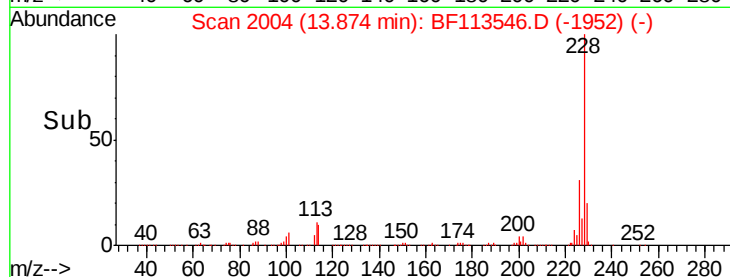
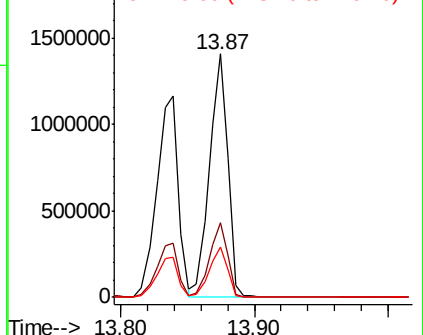
229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.343 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

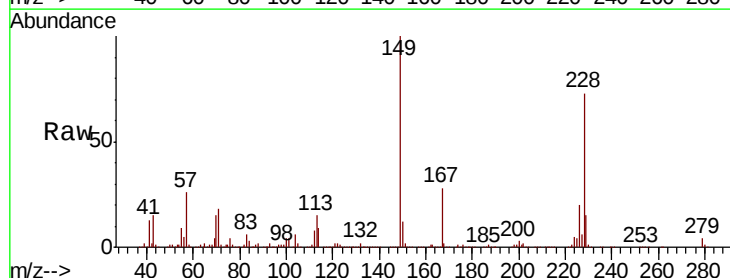
Tgt Ion:149 Resp: 873863

Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

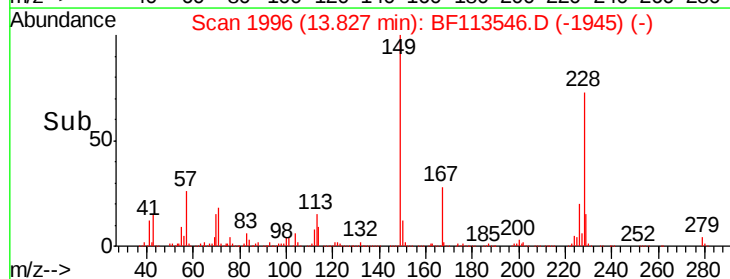
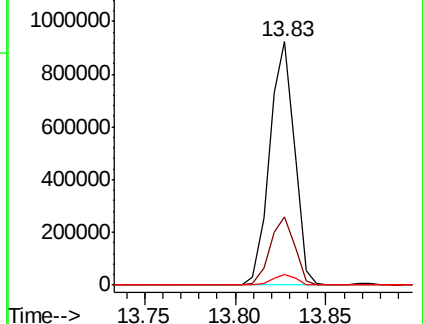
279 4.4 3.6 5.4

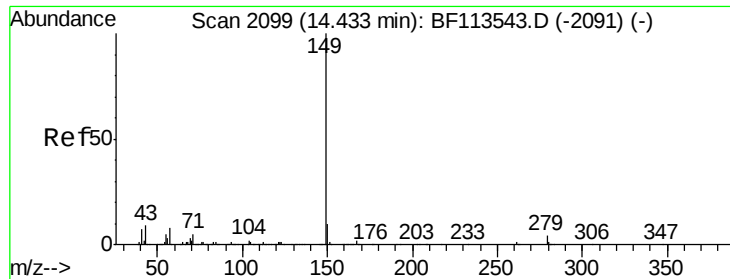


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 74.817 ng

RT: 14.43 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

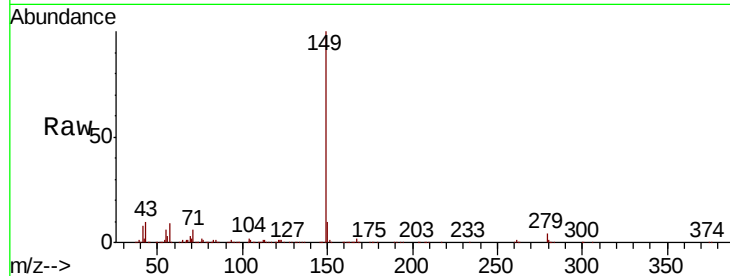
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1434887

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	7.7	11.5

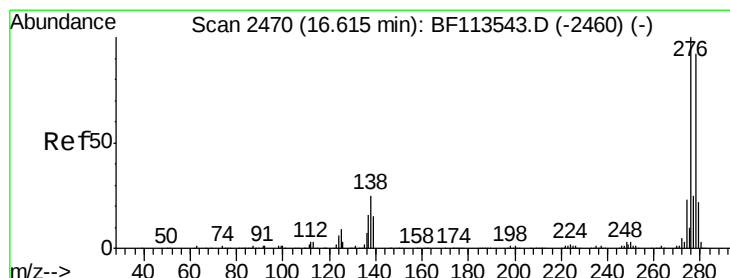
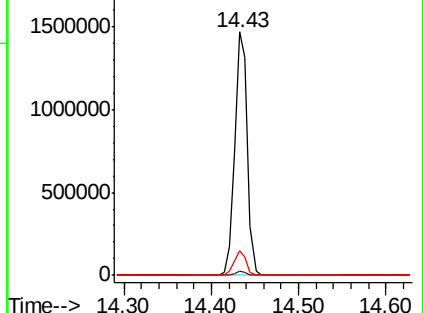
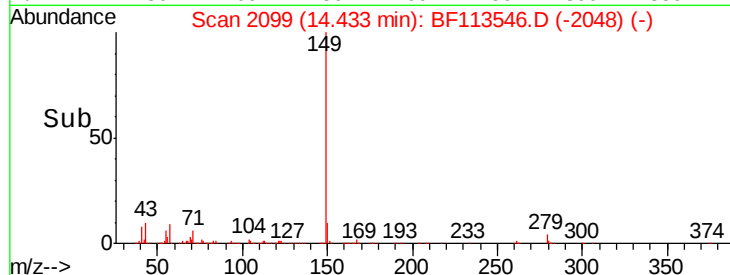


Abundance

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: 98.480 ng

RT: 16.63 min Scan# 2473

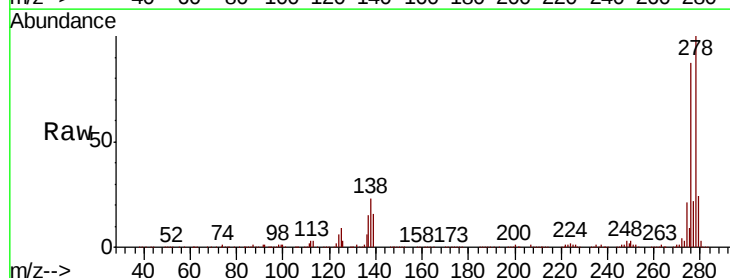
Delta R.T. 0.02 min

Lab File: BF113546.D

Acq: 3 Apr 2019 13:54

Tgt Ion:276 Resp: 1482996

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.2	28.8
277	25.2	20.0	30.0

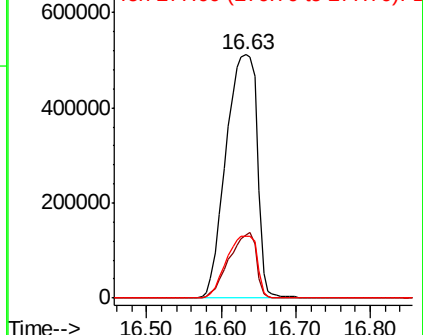
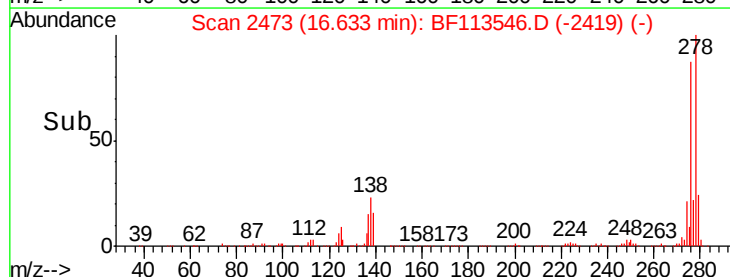


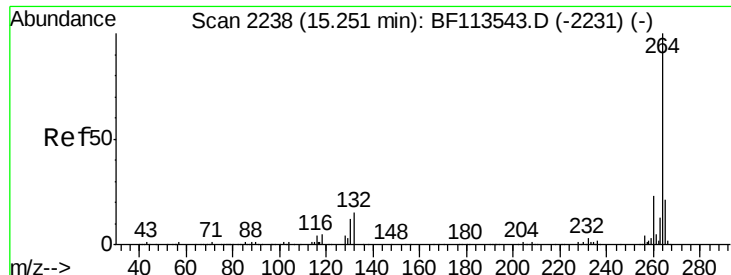
Abundance

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

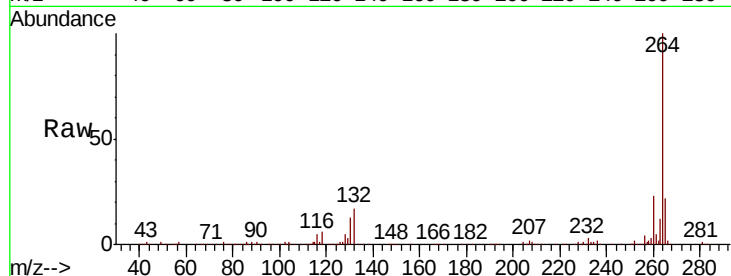




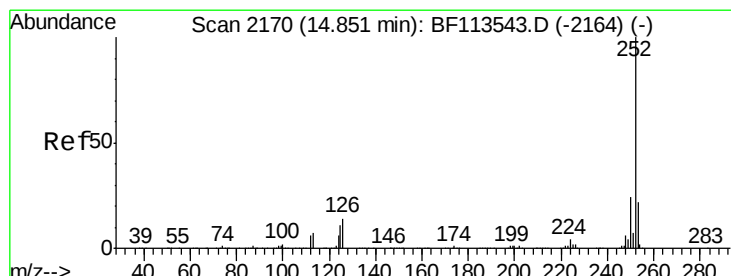
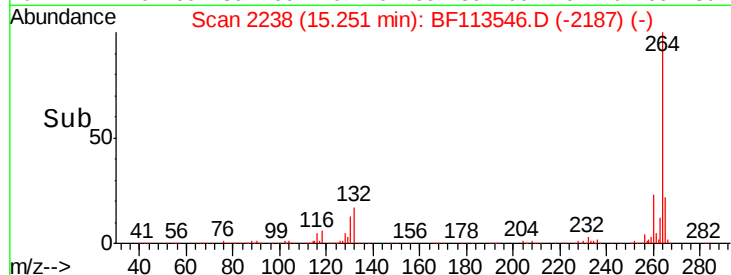
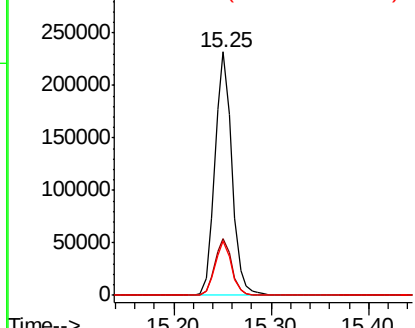
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 279988
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 22.1 16.6 24.8

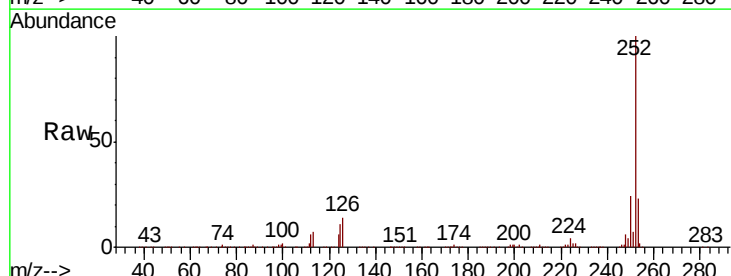


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

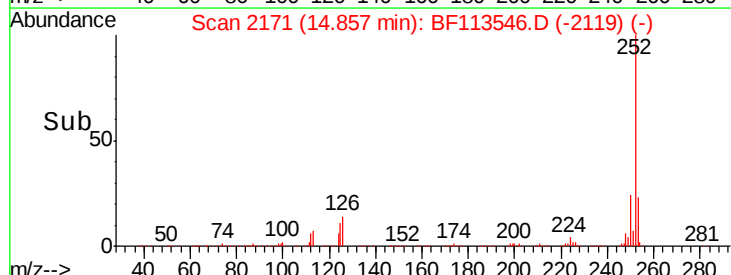
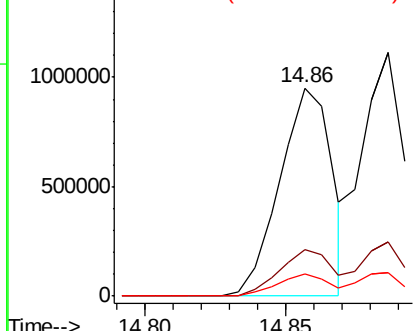


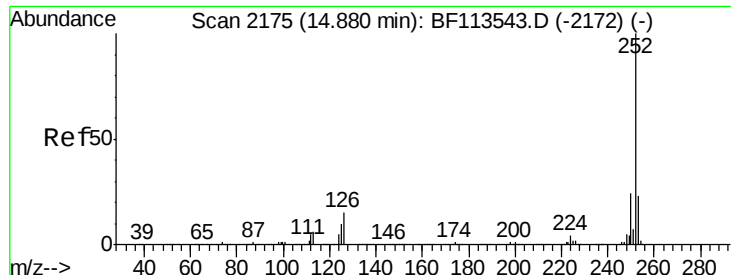
#88
 Benzo(b)fluoranthene
 Concen: 70.409 ng
 RT: 14.86 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: BF113546.D
 Acq: 3 Apr 2019 13:54

Tgt Ion:252 Resp: 1224603
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.7 26.5
 125 10.7 8.4 12.6



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

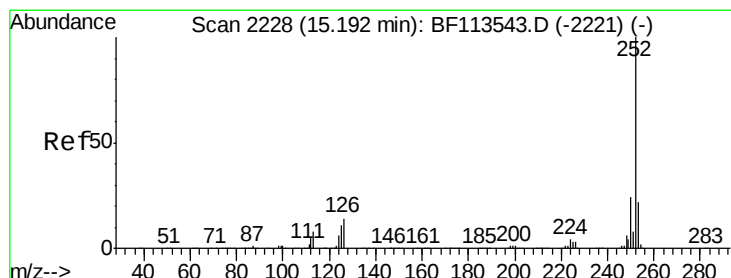
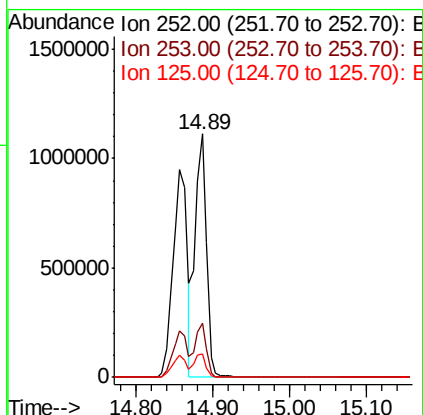
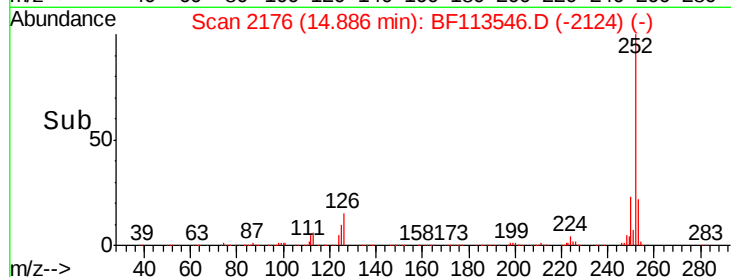
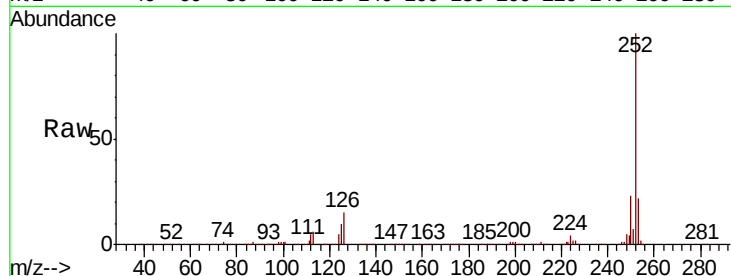




#89
Benzo(k)fluoranthene
Concen: 75.531 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

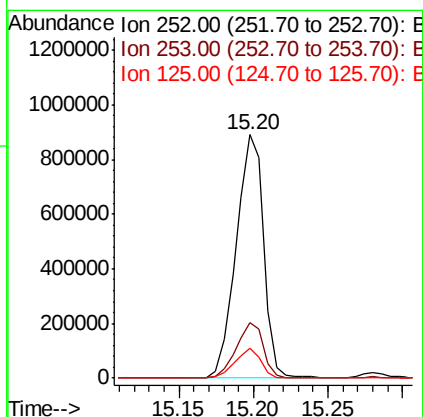
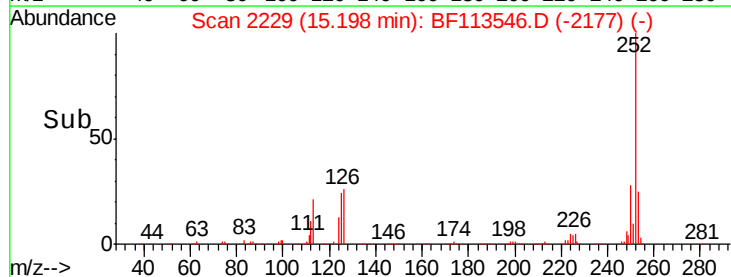
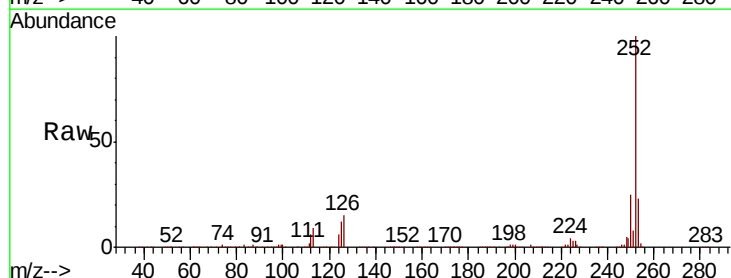
Instrument :
BNA_F
ClientSampled :

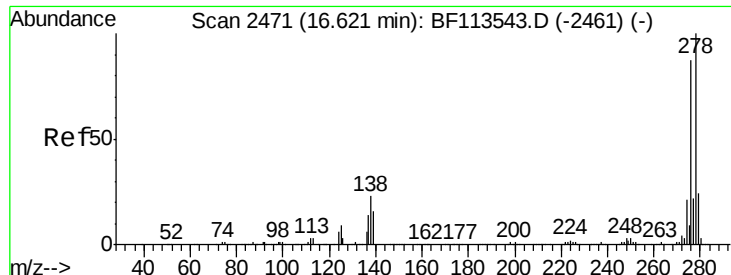
Tot Ion:252 Resp: 1153668
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.9 7.7 11.5



#90
Benzo(a)pyrene
Concen: 74.137 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion:252 Resp: 1143140
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 12.0 9.0 13.6



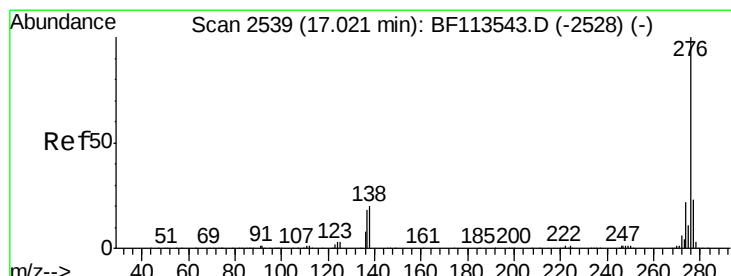
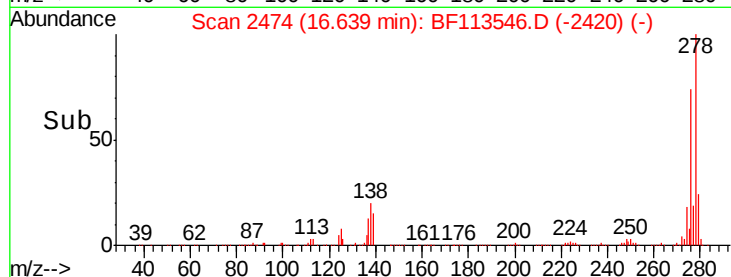
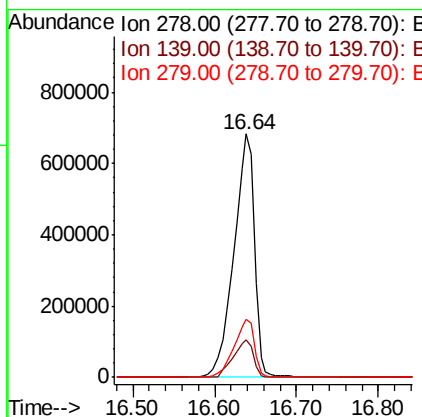
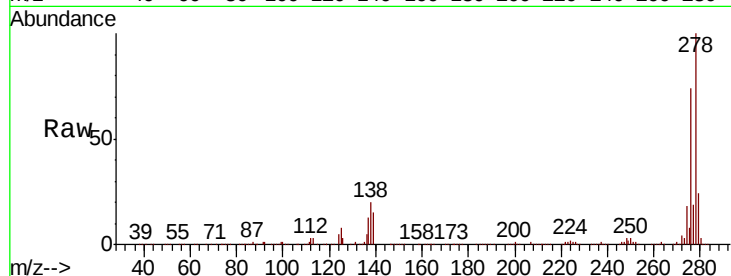


#91
Dibenzo(a,h)anthracene
Concen: 89.786 ng
RT: 16.64 min Scan# 2474
Delta R.T. 0.02 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1197073

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	18.8
279	23.8	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 94.826 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.02 min
Lab File: BF113546.D
Acq: 3 Apr 2019 13:54

Tgt Ion:276 Resp: 1274746

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.3	16.2	24.4

