

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113545.D
 Acq On : 3 Apr 2019 13:26
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 14:16:30 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	140323	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	539889	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	257394	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	503314	20.00	ng	0.00
76) Chrysene-d12	13.84	240	331638	20.00	ng	0.00
87) Perylene-d12	15.25	264	292805	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	949061	110.59	ng	0.00
7) Phenol-d6	6.35	99	1153160	106.22	ng	0.00
23) Nitrobenzene-d5	7.26	82	1084401	119.22	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	350556	110.26	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1885457	107.42	ng	0.00
79) Terphenyl-d14	12.79	244	1909615	126.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.32	88	229595	52.730	ng	100
3) Pyridine	3.02	79	595362	55.465	ng	100
4) n-Nitrosodimethylamine	2.98	42	263264	55.170	ng	97
6) Aniline	6.35	93	712008	53.855	ng	98
8) 2-Chlorophenol	6.48	128	549906	55.180	ng	98
9) Benzaldehyde	6.23	77	334797	45.956	ng	98
10) Phenol	6.36	94	663319	53.519	ng	93
11) bis(2-Chloroethyl)ether	6.43	93	529673	55.752	ng	96
12) 1,3-Dichlorobenzene	6.63	146	590289	54.950	ng	98
13) 1,4-Dichlorobenzene	6.70	146	598089	57.663	ng	98
14) 1,2-Dichlorobenzene	6.86	146	538698	52.792	ng	97
15) Benzyl Alcohol	6.84	79	401166	56.012	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	804982	56.401	ng	94
17) 2-Methylphenol	6.96	107	421071	53.914	ng	99
18) Hexachloroethane	7.20	117	218096	58.543	ng	93
19) n-Nitroso-di-n-propylamine	7.12	70	351868	51.598	ng	98
20) 3+4-Methylphenols	7.12	107	499831	51.103	ng	93
22) Acetophenone	7.10	105	687305	55.822	ng	98
24) Nitrobenzene	7.27	77	565764	59.605	ng	94
25) Isophorone	7.52	82	1043178	59.178	ng	99
26) 2-Nitrophenol	7.59	139	304695	60.730	ng	97
27) 2,4-Dimethylphenol	7.64	122	426478	59.092	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	654347	58.946	ng	100
29) 2,4-Dichlorophenol	7.84	162	463451	59.257	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	501362	59.416	ng	99
31) Naphthalene	7.99	128	1520202	57.620	ng	99
32) Benzoic acid	7.81	122	346166	59.586	ng	98
33) 4-Chloroaniline	8.05	127	611959	59.483	ng	98
34) Hexachlorobutadiene	8.11	225	305412	60.897	ng	99
35) Caprolactam	8.45	113	148532	59.173	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	460294	58.513	ng	98
37) 2-Methylnaphthalene	8.69	142	985835	59.885	ng	99
38) 1-Methylnaphthalene	8.79	142	951133	60.068	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	482536	58.402	ng	99

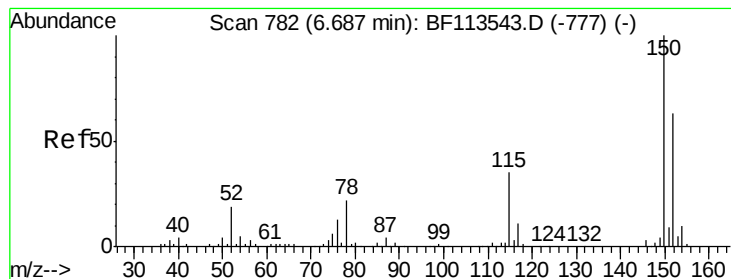
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113545.D
 Acq On : 3 Apr 2019 13:26
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
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 QLast Update : Wed Apr 03 14:08:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	161248	46.107	nq	100
43) 2,4,6-Trichlorophenol	8.97	196	312040	57.996	nq	99
44) 2,4,5-Trichlorophenol	9.02	196	335472	56.340	nq	98
46) 1,1'-Biphenyl	9.15	154	1226593	57.058	nq	98
47) 2-Chloronaphthalene	9.17	162	931336	56.268	nq	98
48) 2-Nitroaniline	9.28	65	293084	56.424	nq	95
49) Acenaphthylene	9.59	152	1492662	55.773	nq	100
50) Dimethylphthalate	9.46	163	1105965	57.980	nq	100
51) 2,6-Dinitrotoluene	9.52	165	248502	57.747	nq	99
52) Acenaphthene	9.76	154	851429	56.492	nq	99
53) 3-Nitroaniline	9.69	138	277491	57.181	nq	100
54) 2,4-Dinitrophenol	9.81	184	119907	56.024	nq	96
55) Dibenzofuran	9.93	168	1241930	54.813	nq	99
56) 4-Nitrophenol	9.87	139	178909	51.711	nq	93
57) 2,4-Dinitrotoluene	9.93	165	286378	52.331	nq	98
58) Fluorene	10.27	166	986989	56.074	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	299295	59.439	nq	97
60) Diethylphthalate	10.16	149	1055801	56.422	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	483000	56.303	nq	98
62) 4-Nitroaniline	10.31	138	283166	56.673	nq	97
63) Azobenzene	10.43	77	1002388	56.907	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	160940	58.452	nq	99
66) n-Nitrosodiphenylamine	10.39	169	888726	57.544	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	325032	59.251	nq	95
68) Hexachlorobenzene	10.83	284	379943	59.669	nq	97
69) Atrazine	10.92	200	278041	57.036	nq	100
70) Pentachlorophenol	11.03	266	184428	55.593	nq	99
71) Phenanthrene	11.23	178	1419699	56.800	nq	99
72) Anthracene	11.29	178	1452550	57.214	nq	99
73) Carbazole	11.45	167	1347801	55.635	nq	99
74) Di-n-butylphthalate	11.77	149	1600586	56.975	nq	99
75) Fluoranthene	12.42	202	1495095	52.912	nq	98
77) Benzidine	12.54	184	789444	62.161	nq	96
78) Pyrene	12.65	202	1514621	65.906	nq	100
80) Butylbenzylphthalate	13.26	149	615198	60.741	nq	98
81) Benzo(a)anthracene	13.83	228	1112902	58.625	nq	98
82) 3,3'-Dichlorobenzidine	13.80	252	433507	56.923	nq	100
83) Chrysene	13.87	228	1129447	58.575	nq	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	725070	58.398	nq	100
85) Di-n-octyl phthalate	14.43	149	1192922	56.603	nq	100
86) Indeno(1,2,3-cd)pyrene	16.63	276	1135900	68.642	nq	100
88) Benzo(b)fluoranthene	14.86	252	1044298	57.414	nq	99
89) Benzo(k)fluoranthene	14.88	252	920667	57.638	nq	99
90) Benzo(a)pyrene	15.20	252	938516	58.202	nq	99
91) Dibenzo(a,h)anthracene	16.63	278	930502	66.737	nq	99
92) Benzo(g,h,i)perylene	17.03	276	971839	69.129	nq	99

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

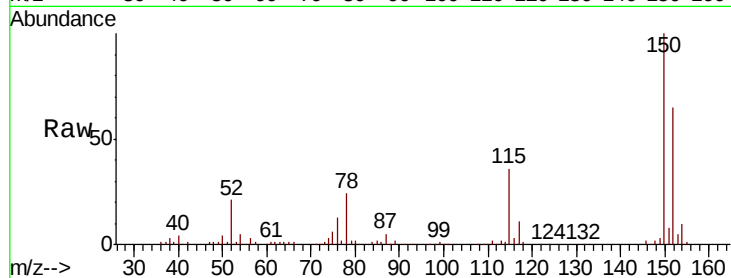


#1

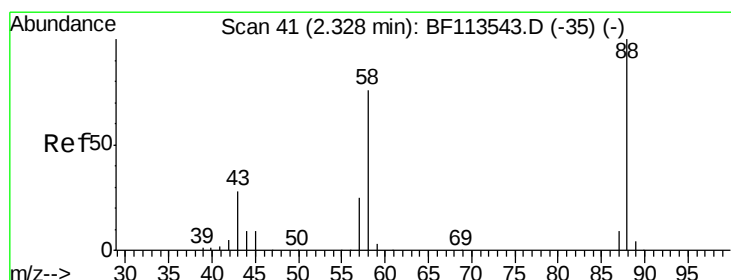
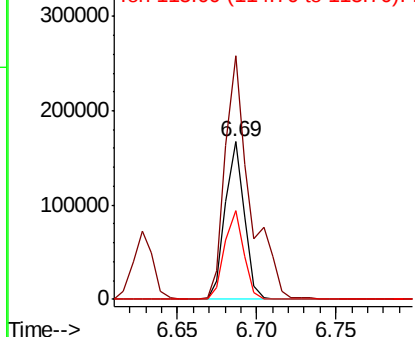
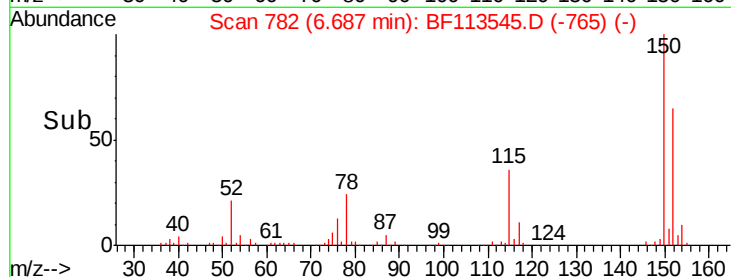
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140323
Ion Ratio Lower Upper
152 100
150 154.8 126.7 190.1
115 56.2 44.2 66.2



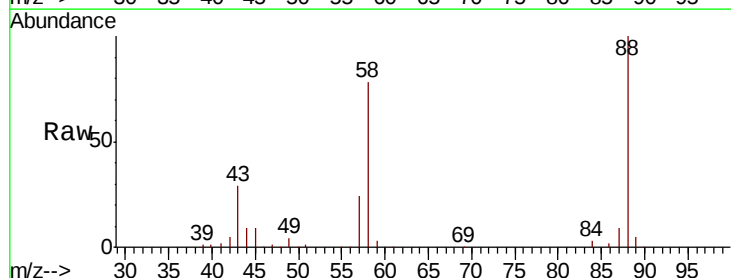
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



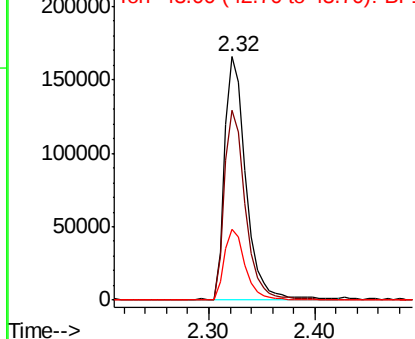
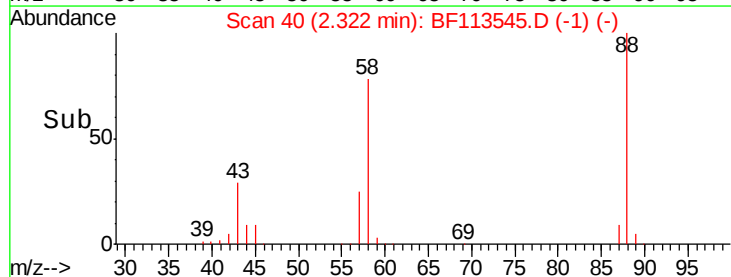
#2

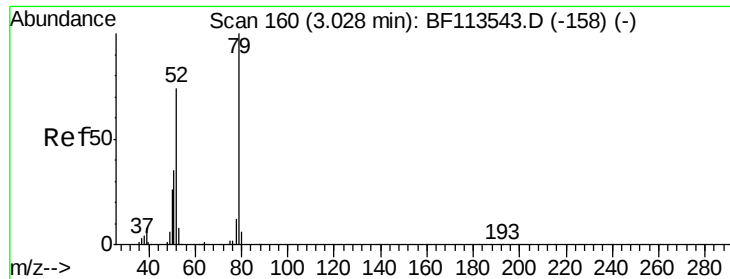
1,4-Dioxane
Concen: 52.730 ng
RT: 2.32 min Scan# 40
Delta R.T. -0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion: 88 Resp: 229595
Ion Ratio Lower Upper
88 100
58 78.4 62.9 94.3
43 29.5 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: 55.465 ng

RT: 3.02 min Scan# 159

Delta R.T. -0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

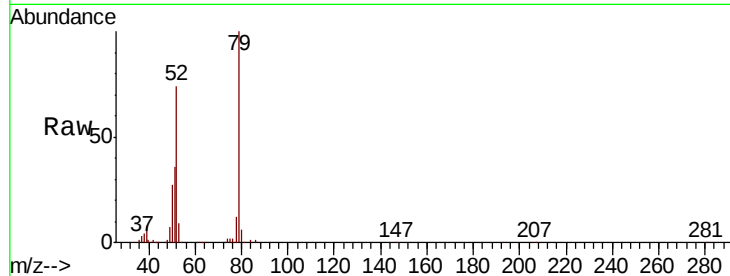
Tot Ion: 79 Resp: 595362

Ion Ratio Lower Upper

79 100

52 74.4 59.5 89.3

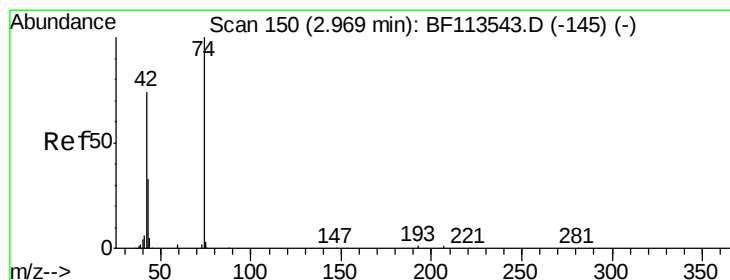
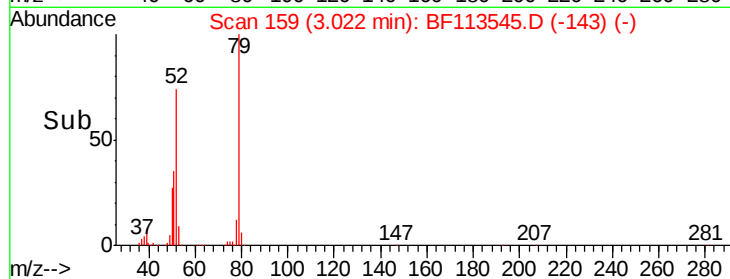
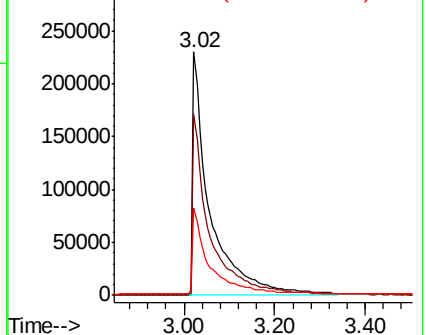
51 35.9 28.8 43.2



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: 55.170 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

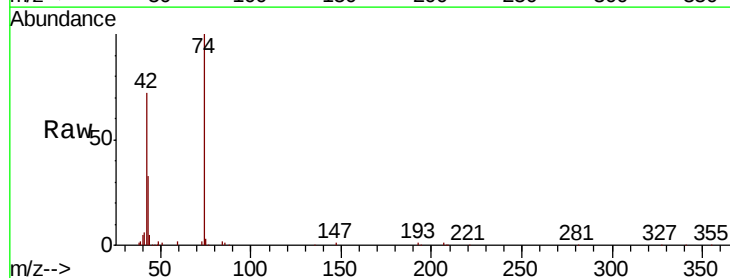
Tgt Ion: 42 Resp: 263264

Ion Ratio Lower Upper

42 100

74 139.3 108.6 162.8

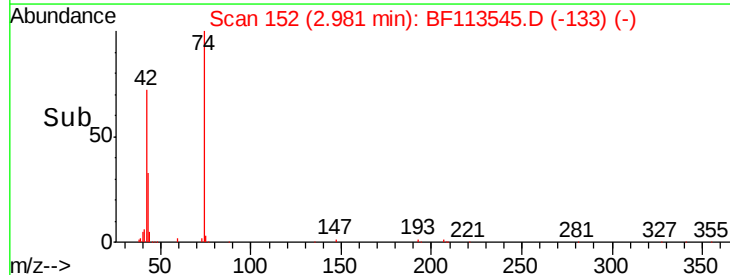
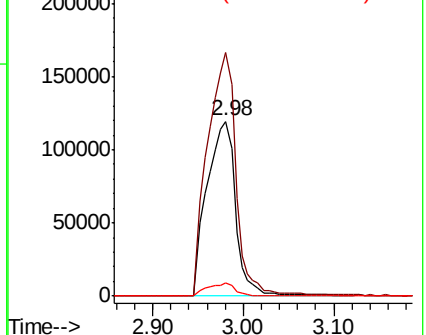
44 7.4 5.8 8.8

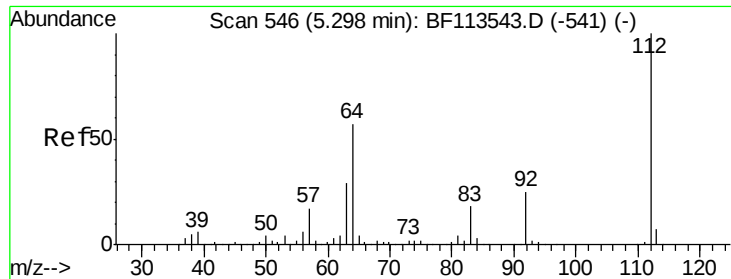


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 110.590 ng

RT: 5.30 min Scan# 546

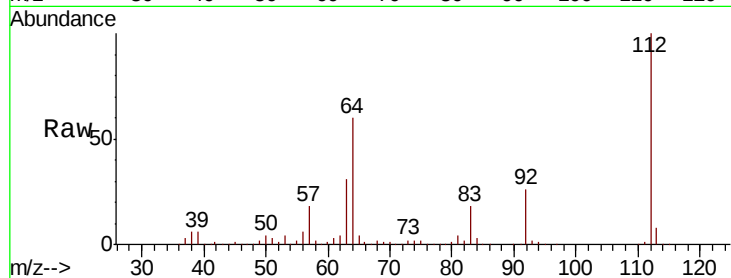
Delta R.T. 0.00 min

Lab File: BF113545.D

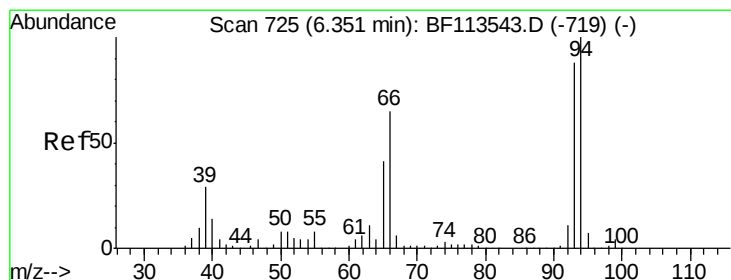
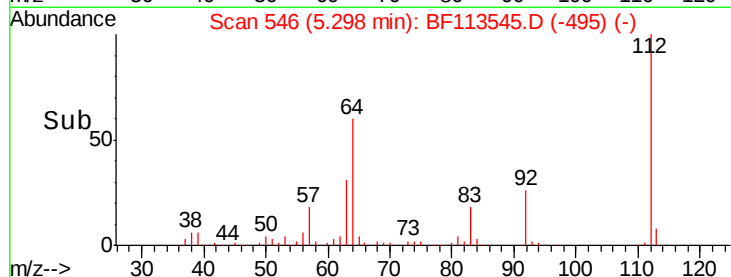
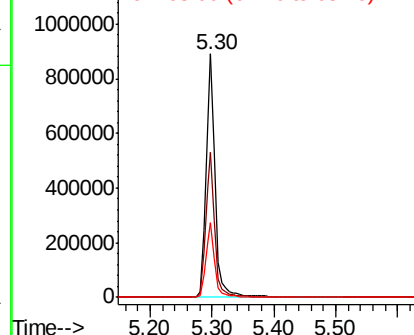
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	949061
Ion	Ratio	Lower	Upper
112	100		
64	59.8	45.8	68.6
63	30.5	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 53.855 ng

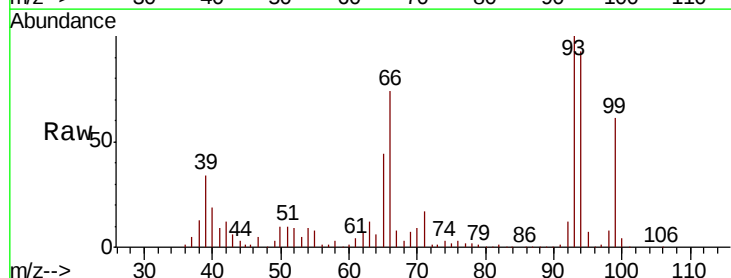
RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

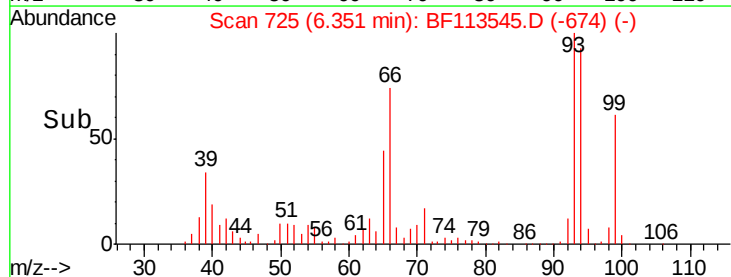
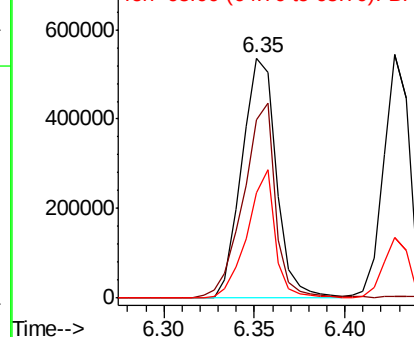
Lab File: BF113545.D

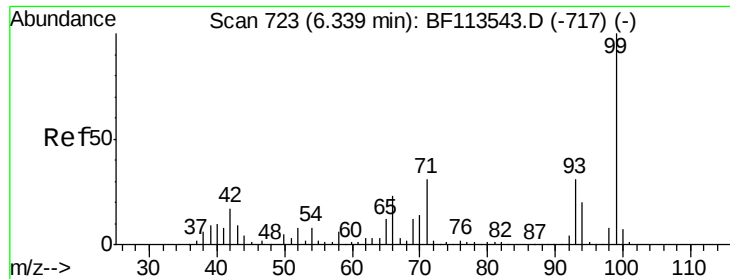
Acq: 3 Apr 2019 13:26

Tgt Ion:	93	Resp:	712008
Ion	Ratio	Lower	Upper
93	100		
66	74.1	59.0	88.4
65	44.0	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: 106.219 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

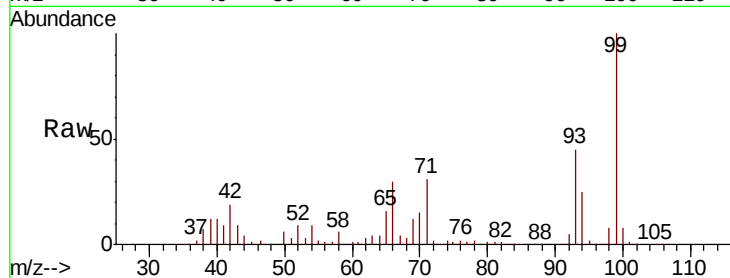
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1153160

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.9	20.9
71	31.3	24.4	36.6

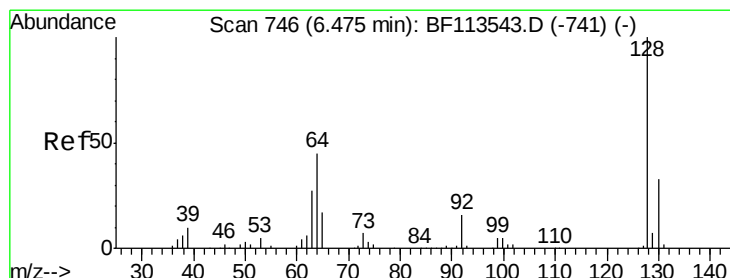
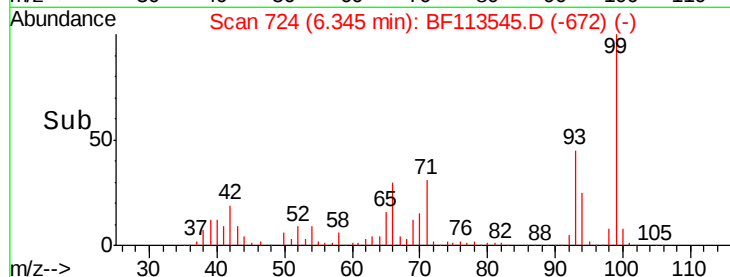
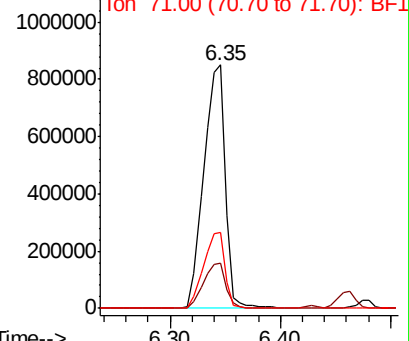


Abundance

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: 55.180 ng

RT: 6.48 min Scan# 747

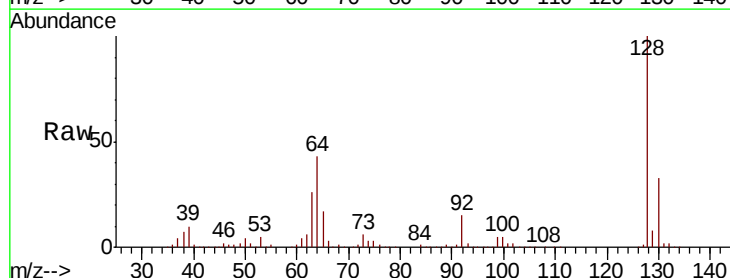
Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Tgt Ion: 128 Resp: 549906

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	43.2	25.8	65.8

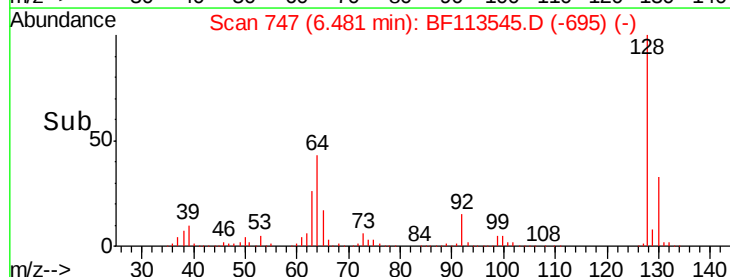
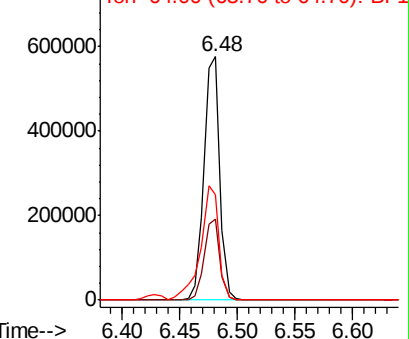


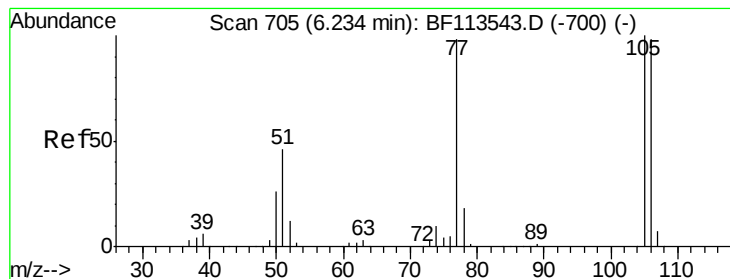
Abundance

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: 45.956 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampled :

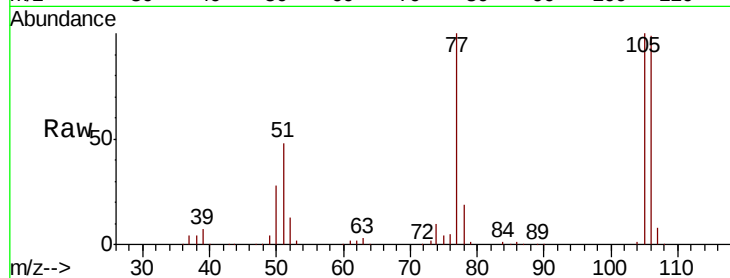
Tot Ion: 77 Resp: 334797

Ion Ratio Lower Upper

77 100

105 99.8 82.2 122.2

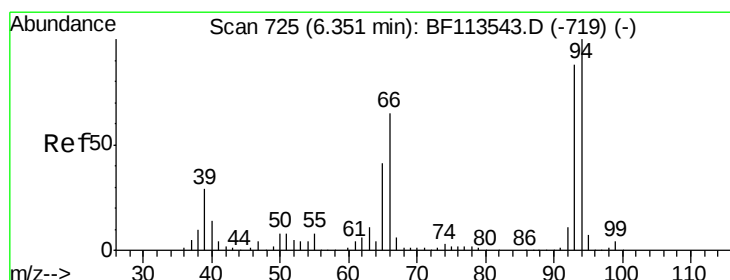
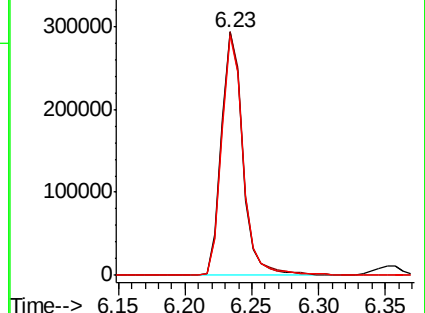
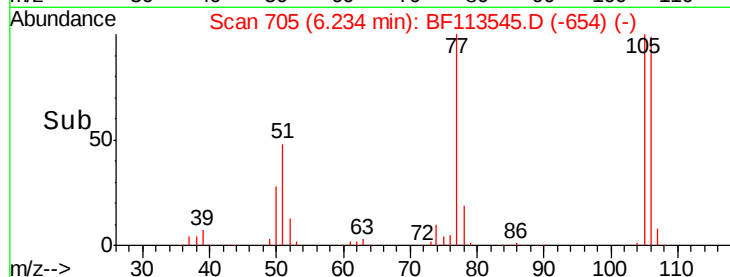
106 98.5 79.8 119.8



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: 53.519 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

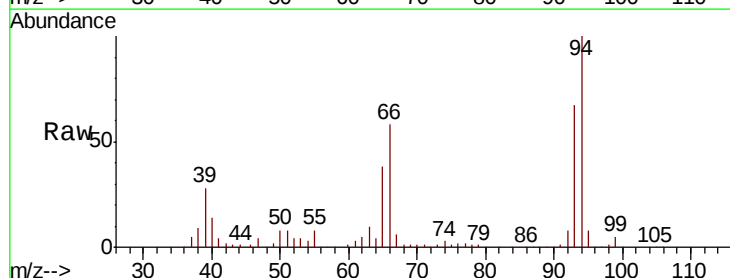
Tgt Ion: 94 Resp: 663319

Ion Ratio Lower Upper

94 100

65 38.2 21.1 61.1

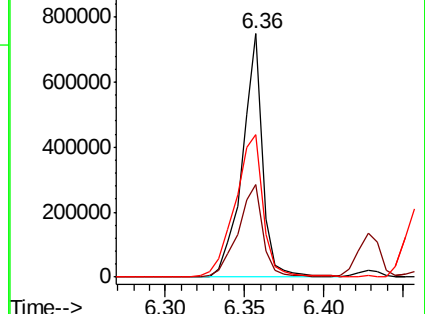
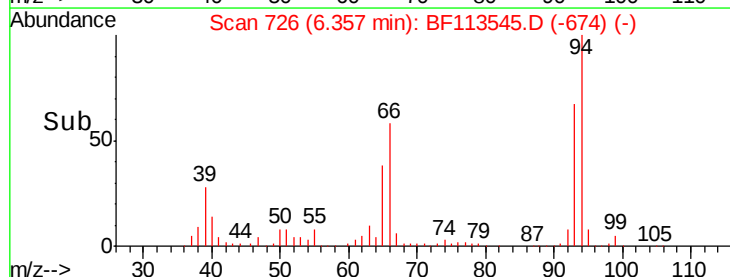
66 58.3 44.9 84.9

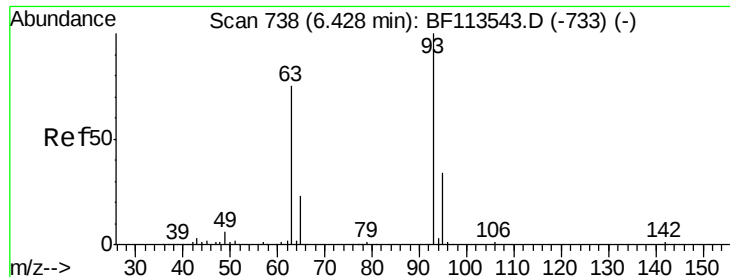


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

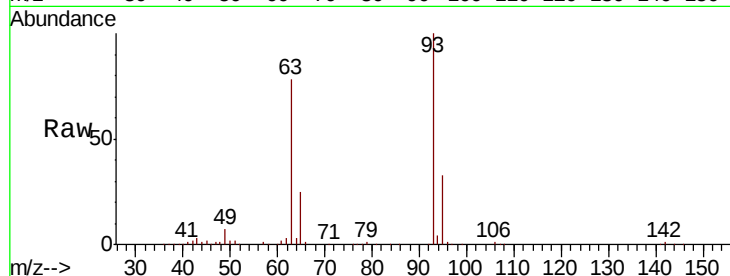




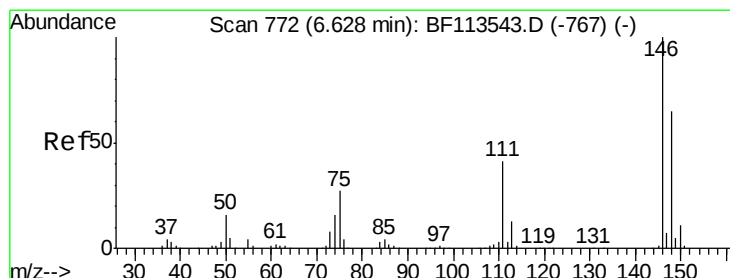
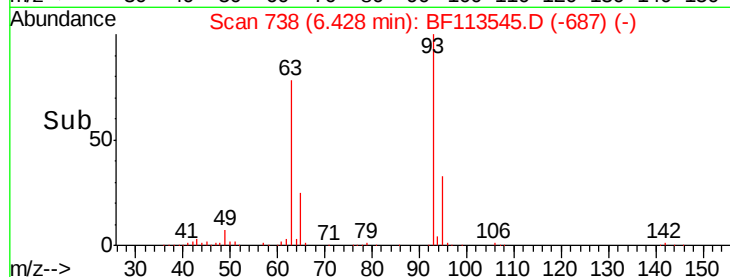
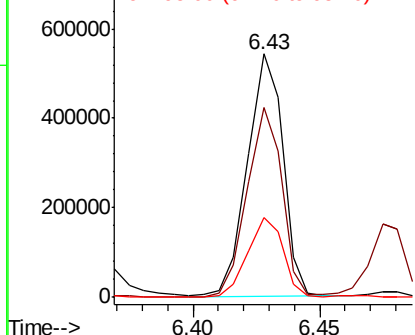
#11
bis(2-Chloroethyl)ether
Concen: 55.752 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 529673
Ion Ratio Lower Upper
93 100
63 77.9 53.9 93.9
95 32.9 13.3 53.3

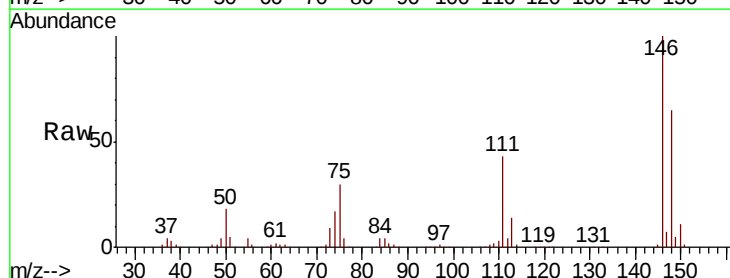


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

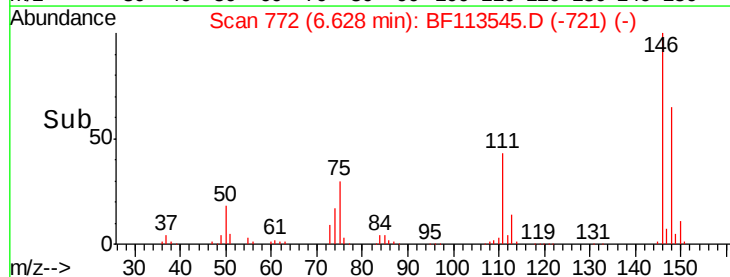
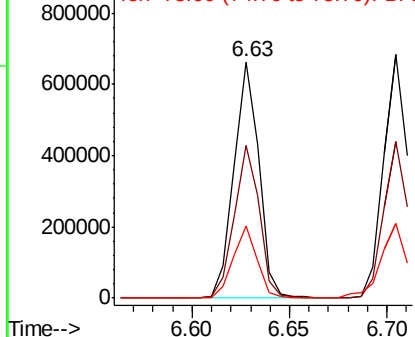


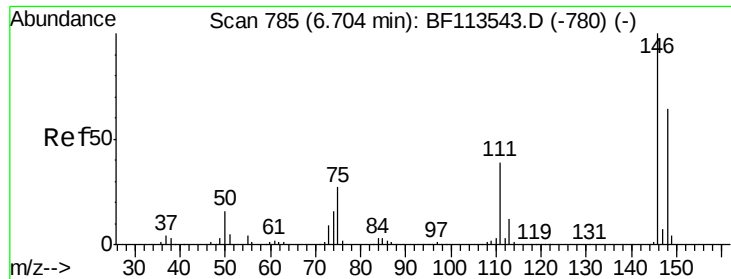
#12
1,3-Dichlorobenzene
Concen: 54.950 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion: 146 Resp: 590289
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
75 30.3 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

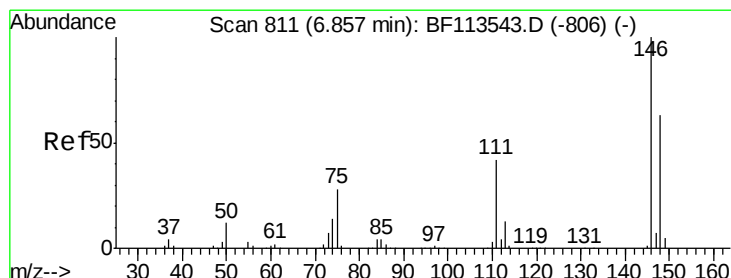
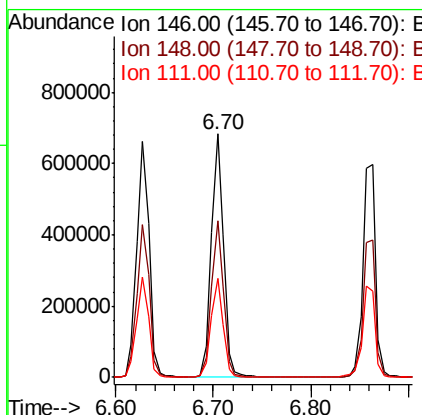
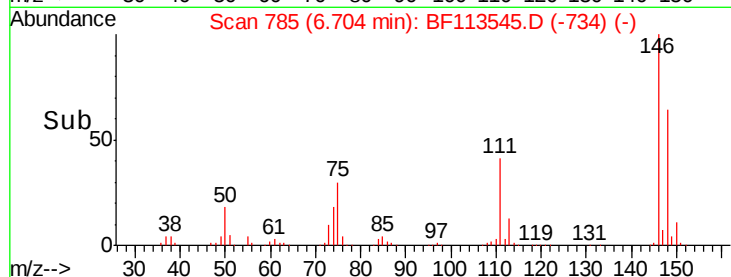
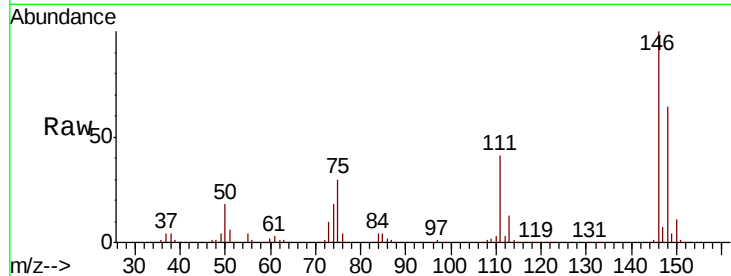




#13
 1,4-Dichlorobenzene
 Concen: 57.663 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

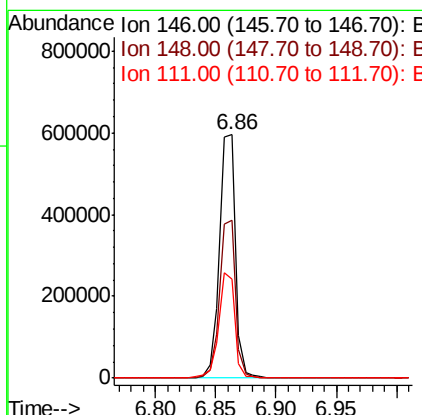
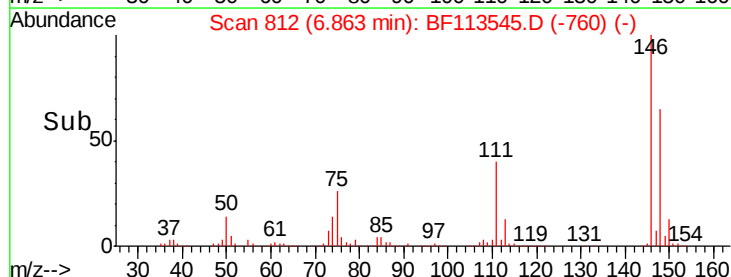
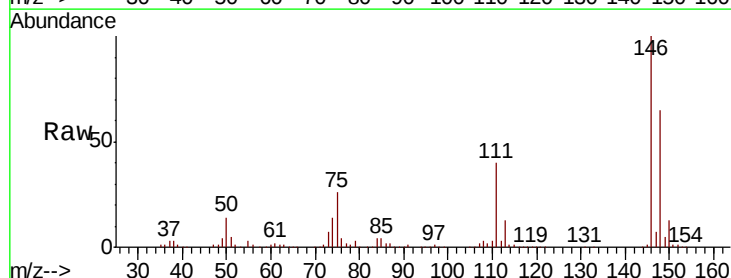
Instrument :
 BNA_F
 ClientSampled :

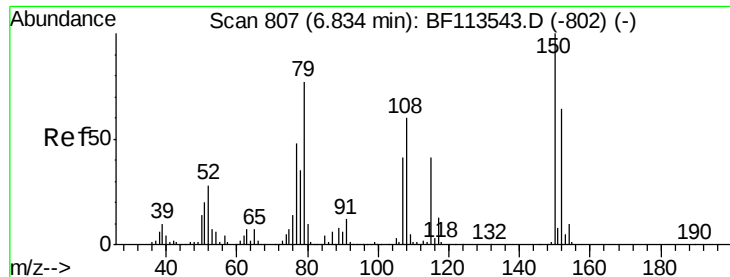
Tot Ion:146 Resp: 598089
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.9 76.3
 111 40.5 31.0 46.6



#14
 1,2-Dichlorobenzene
 Concen: 52.792 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Tgt Ion:146 Resp: 538698
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.3 75.5
 111 40.5 34.0 51.0





#15

Benzyl Alcohol

Concen: 56.012 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

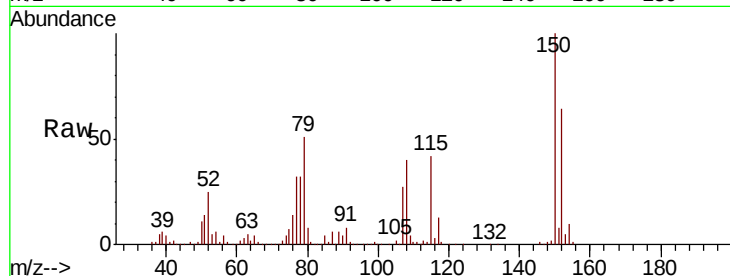
Tot Ion: 79 Resp: 401166

Ion Ratio Lower Upper

79 100

108 77.7 62.8 94.2

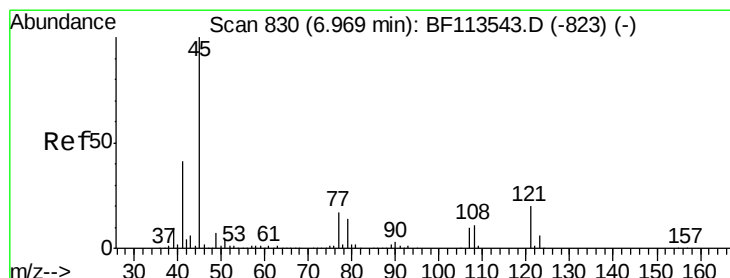
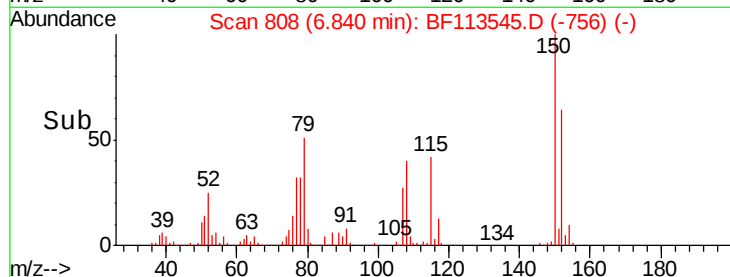
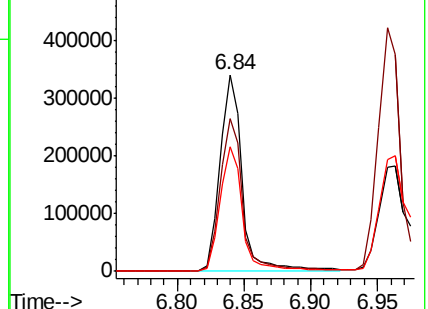
77 63.3 50.0 75.0



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: 56.401 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

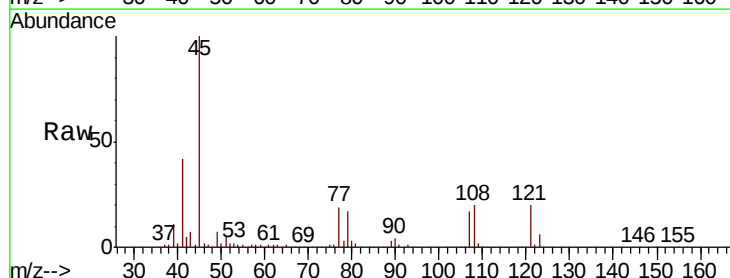
Tgt Ion: 45 Resp: 804982

Ion Ratio Lower Upper

45 100

77 19.5 0.0 36.9

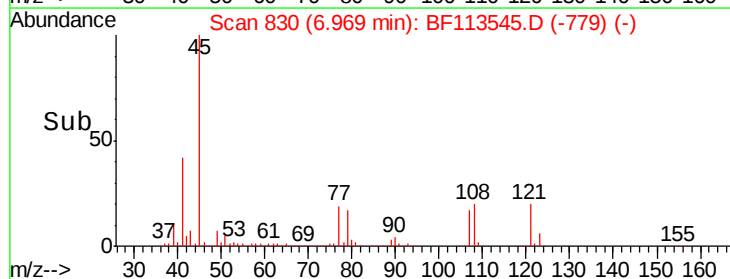
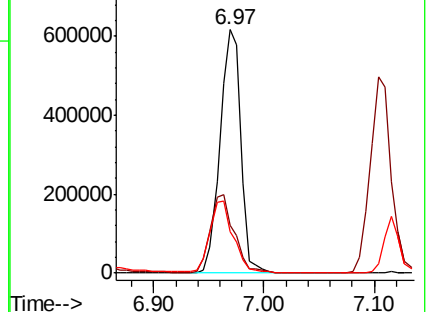
79 16.8 0.0 34.2

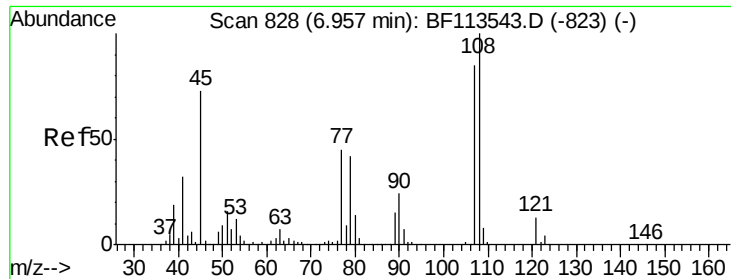


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

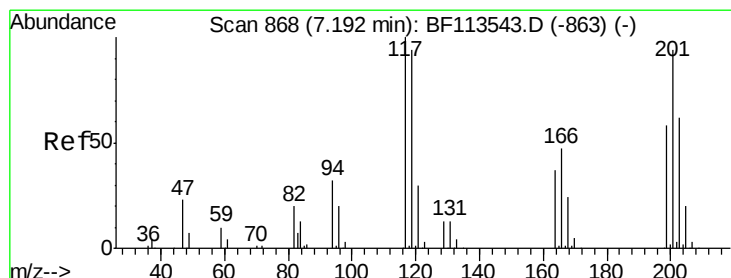
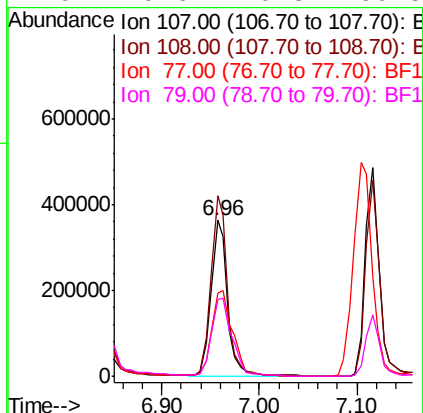
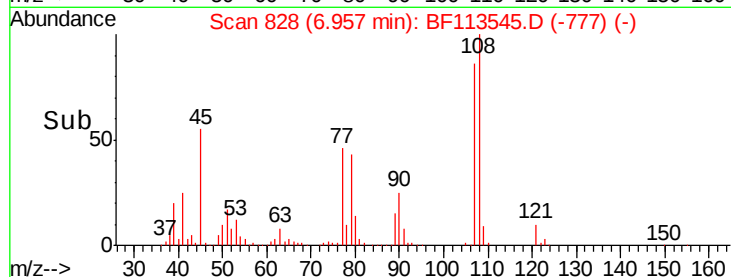
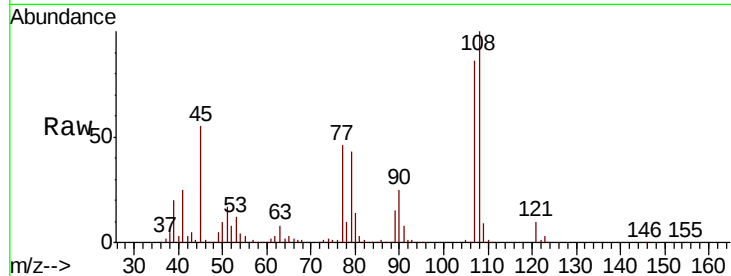




#17
2-Methylphenol
Concen: 53.914 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

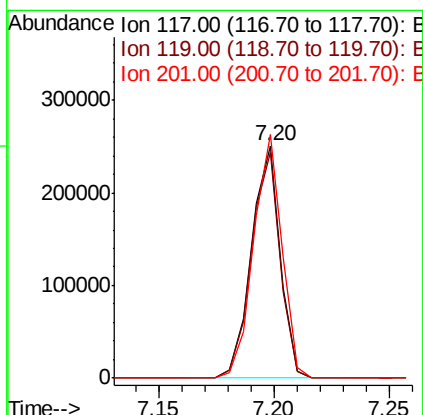
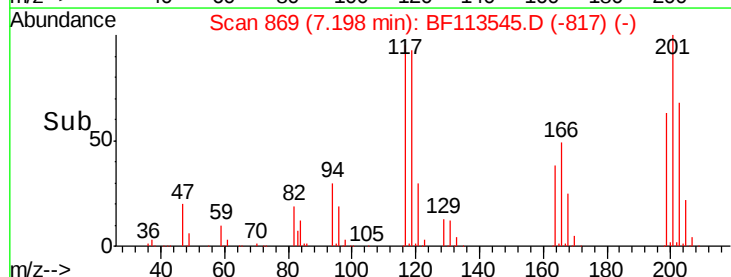
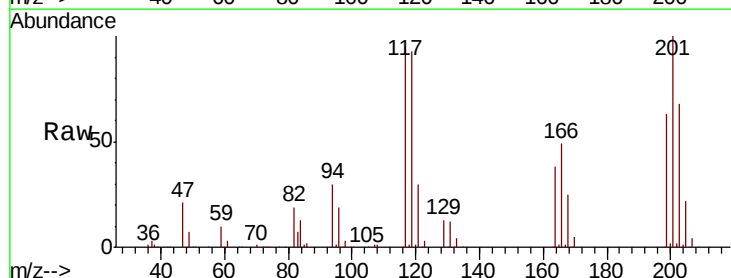
Instrument :
BNA_F
ClientSampled :

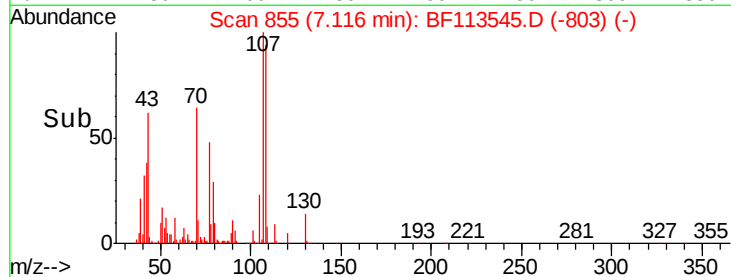
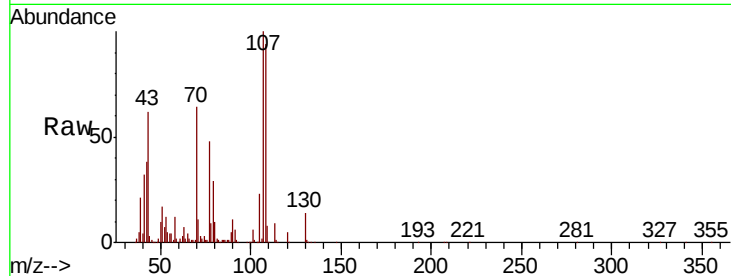
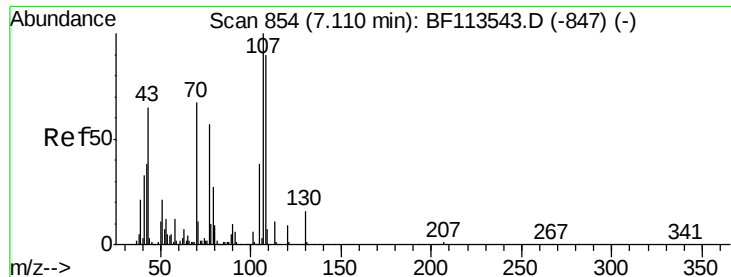
Tot Ion:	107	Resp:	421071
Ion	Ratio	Lower	Upper
107	100		
108	116.2	94.2	141.4
77	53.2	42.7	64.1
79	49.6	40.3	60.5



#18
Hexachloroethane
Concen: 58.543 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion:	117	Resp:	218096
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.4	113.0
201	104.8	75.1	112.7

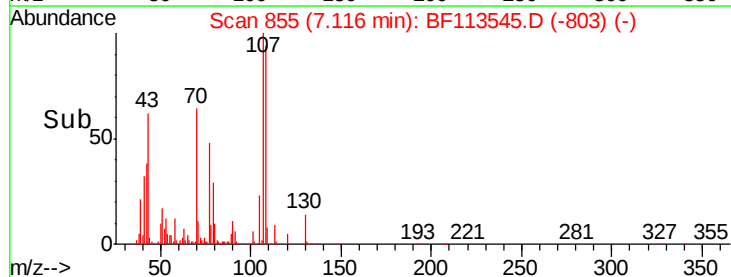
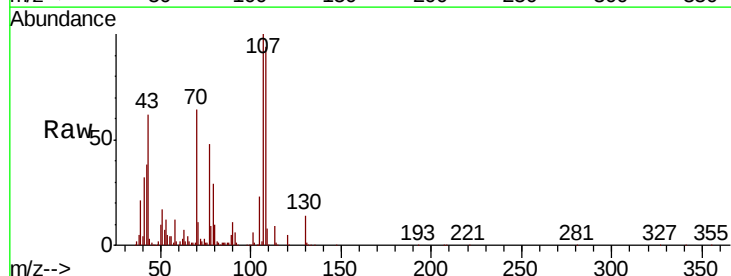
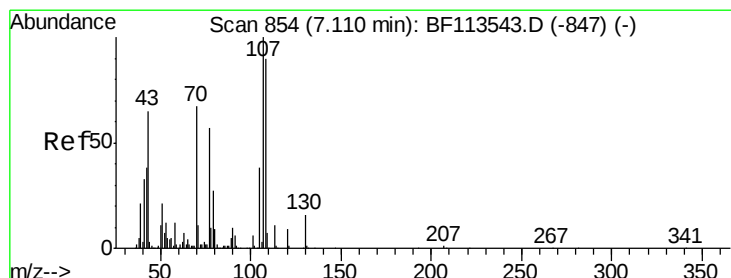
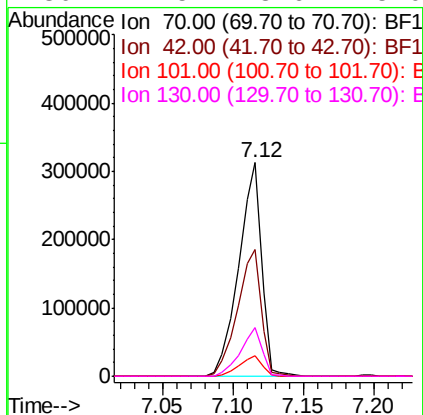




#19
n-Nitroso-di-n-propylamine
Concen: 51.598 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

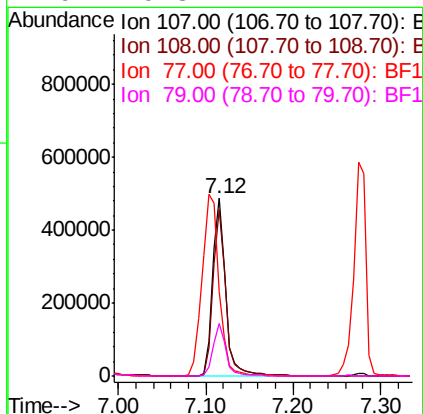
Instrument :
BNA_F
ClientSampled :

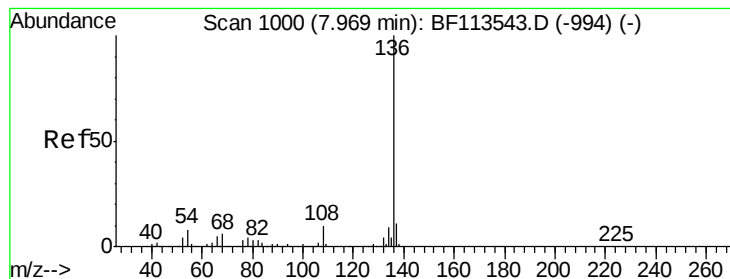
Tot Ion:	70	Resp:	351868
Ion	Ratio	Lower	Upper
70	100		
42	59.1	46.2	69.2
101	9.4	7.6	11.4
130	22.5	18.6	28.0



#20
3+4-Methylphenols
Concen: 51.103 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion:	107	Resp:	499831
Ion	Ratio	Lower	Upper
107	100		
108	93.6	69.9	109.9
77	47.5	37.4	77.4
79	29.3	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 539889

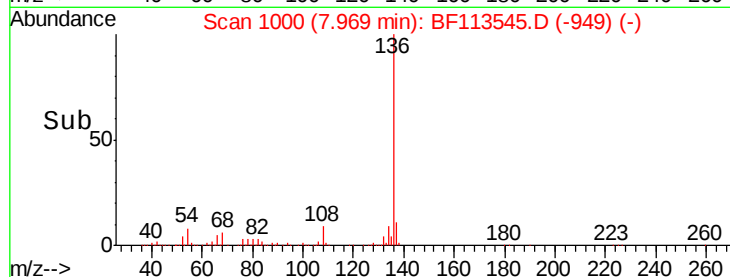
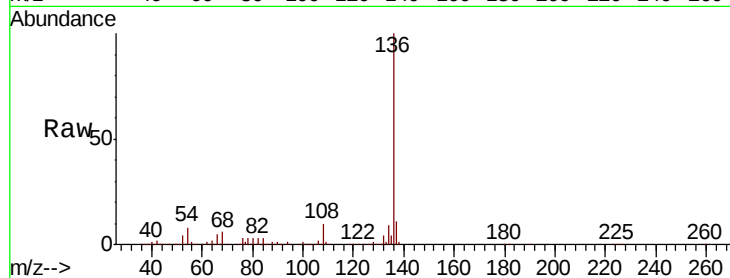
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.4 6.2 9.2

68 6.4 4.7 7.1

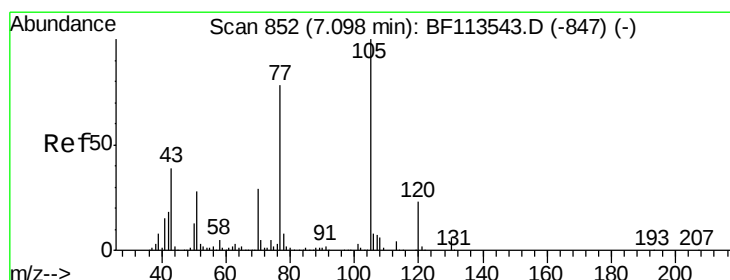
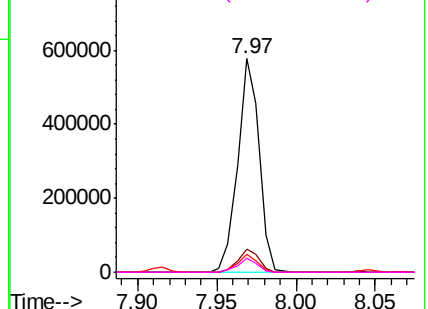


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.822 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Tgt Ion:105 Resp: 687305

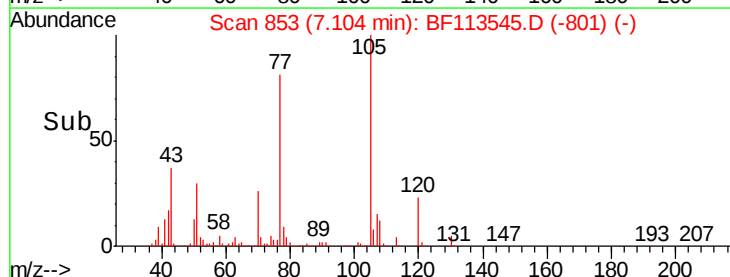
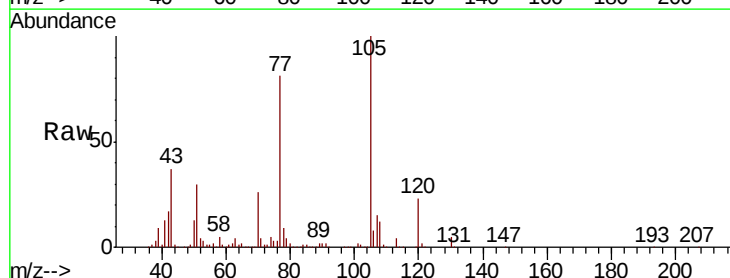
Ion Ratio Lower Upper

105 100

71 4.1 3.7 5.5

51 30.3 22.9 34.3

120 22.7 18.1 27.1

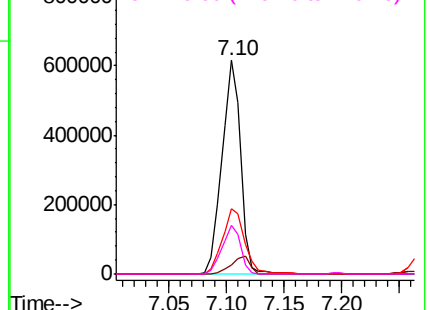


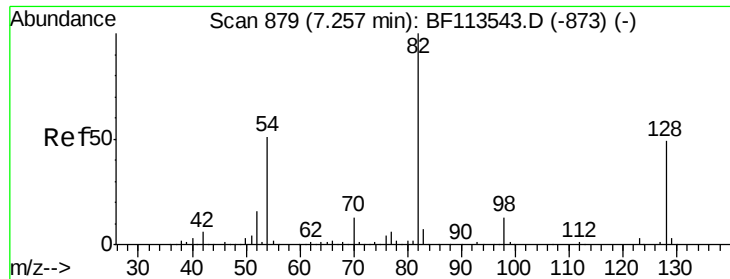
Abundance Ion 105.00 (104.70 to 105.70): E

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

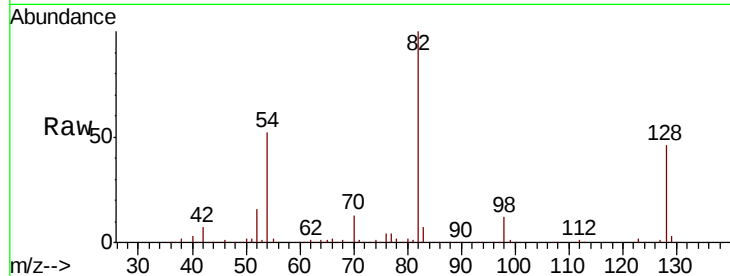




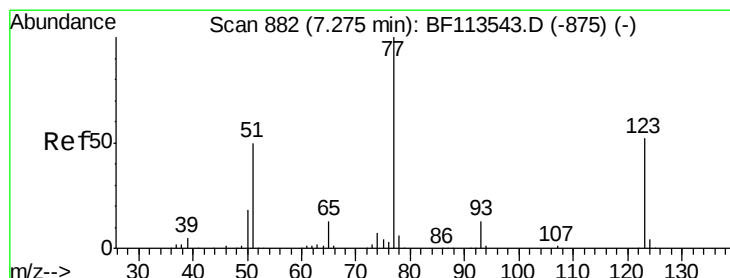
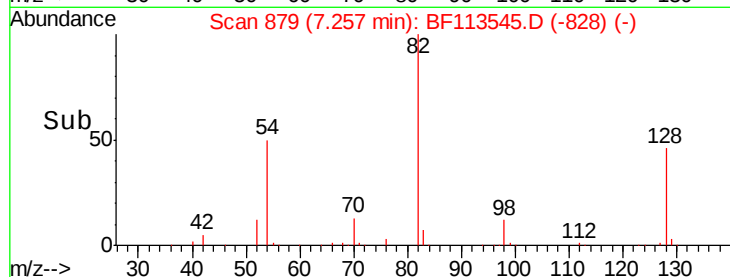
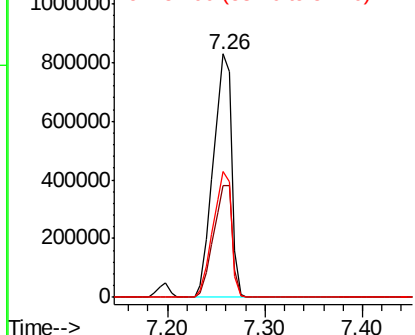
#23
 Nitrobenzene-d5
 Concen: 119.216 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1084401
 Ion Ratio Lower Upper
 82 100
 128 46.1 39.1 58.7
 54 51.9 41.0 61.4

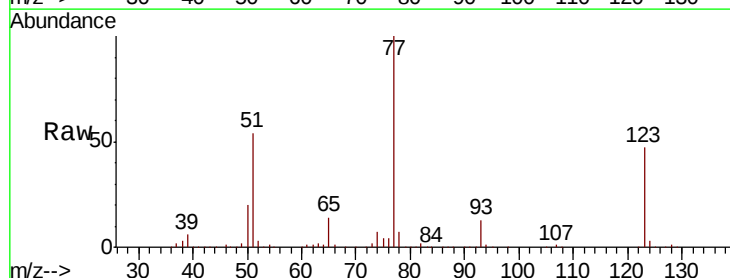


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

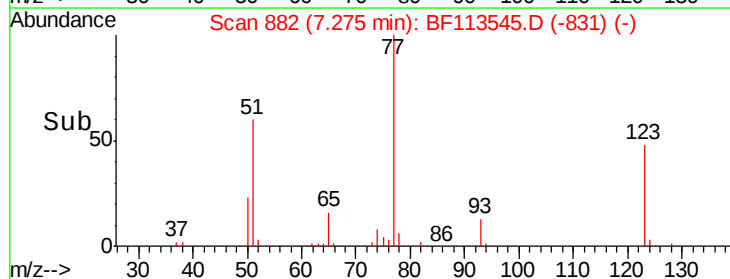
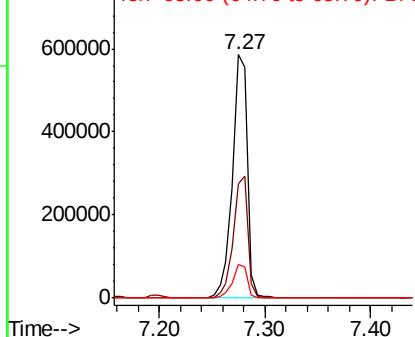


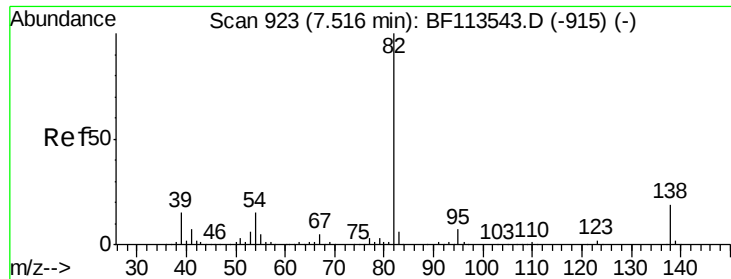
#24
 Nitrobenzene
 Concen: 59.605 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.00 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Tgt Ion: 77 Resp: 565764
 Ion Ratio Lower Upper
 77 100
 123 47.0 41.2 61.8
 65 13.9 10.2 15.4



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

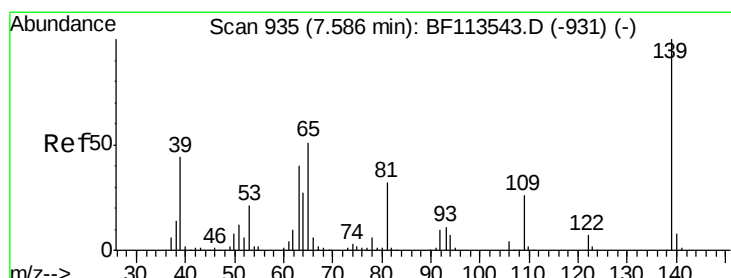
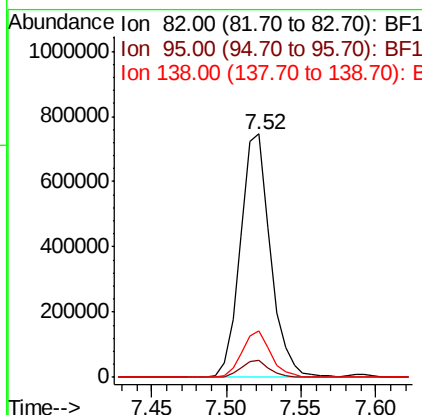
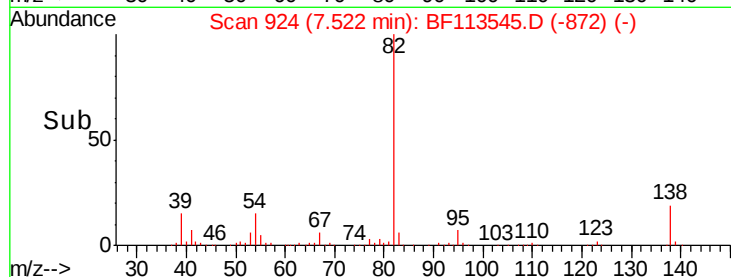
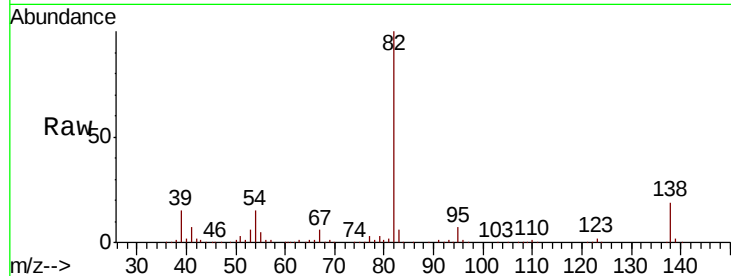




#25
Isophorone
Concen: 59.178 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

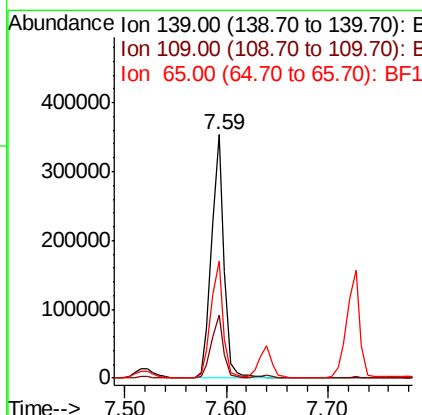
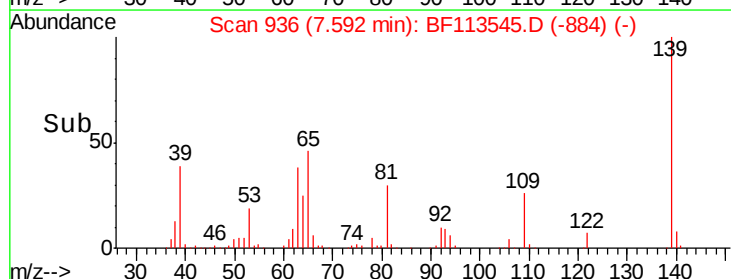
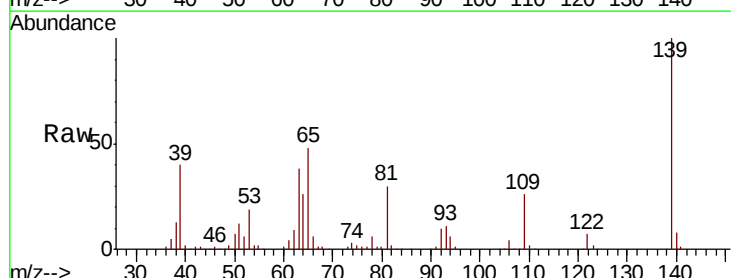
Instrument :
BNA_F
ClientSampleId :

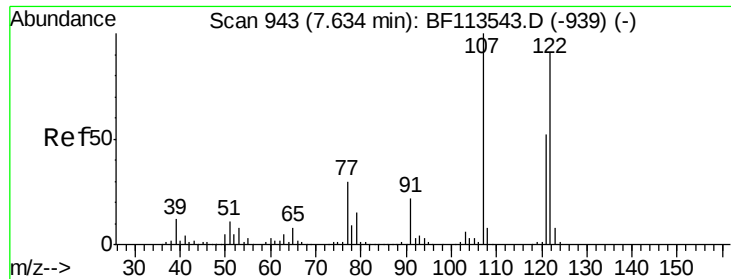
Tot Ion: 82 Resp: 1043178
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 19.0 14.9 22.3



#26
2-Nitrophenol
Concen: 60.730 ng
RT: 7.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion: 139 Resp: 304695
Ion Ratio Lower Upper
139 100
109 25.9 20.9 31.3
65 47.9 40.5 60.7

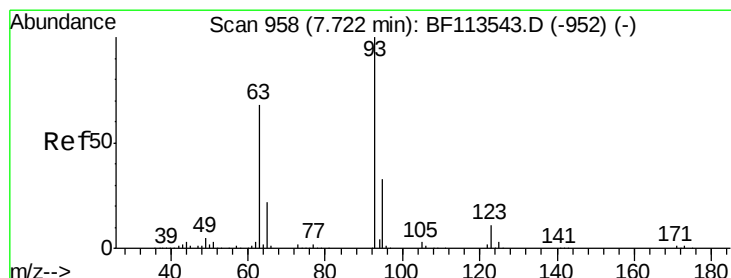
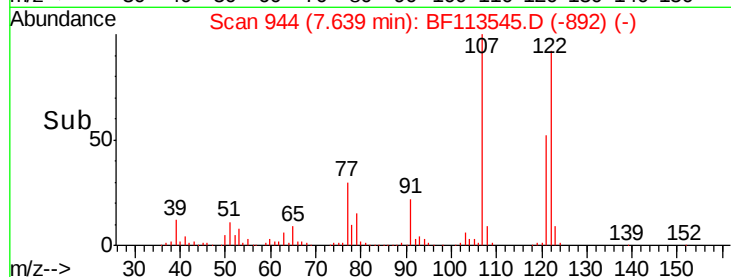
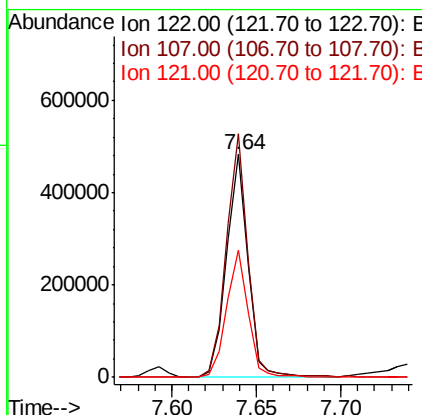
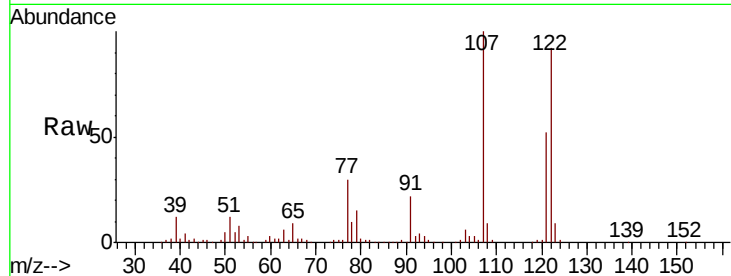




#27
2,4-Dimethylphenol
Concen: 59.092 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

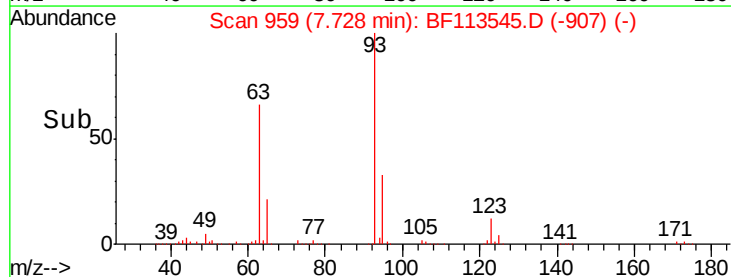
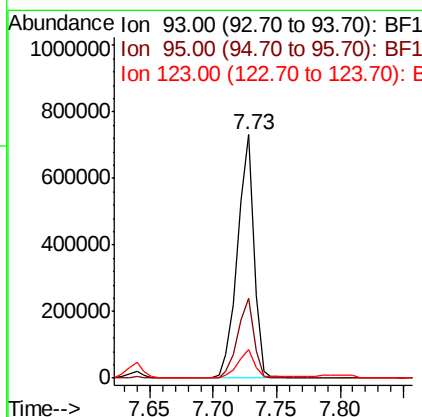
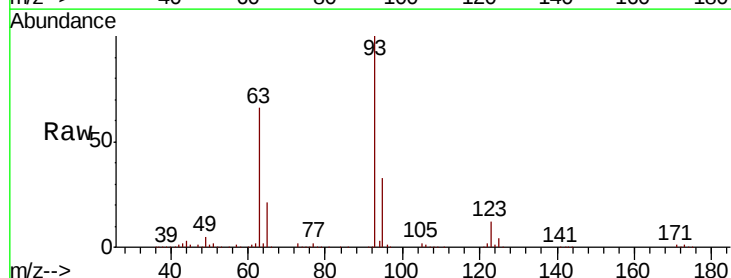
Instrument :
BNA_F
ClientSampleId :

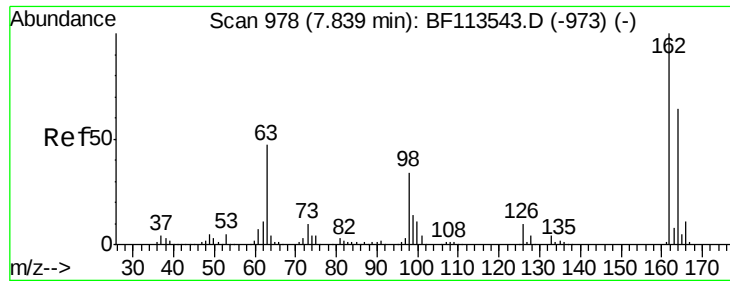
Tot Ion:122 Resp: 426478
Ion Ratio Lower Upper
122 100
107 109.2 88.2 132.4
121 56.9 45.7 68.5



#28
bis(2-Chloroethoxy)methane
Concen: 58.946 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion: 93 Resp: 654347
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 11.7 9.1 13.7

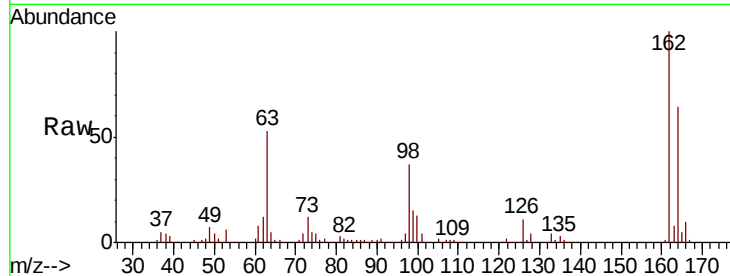




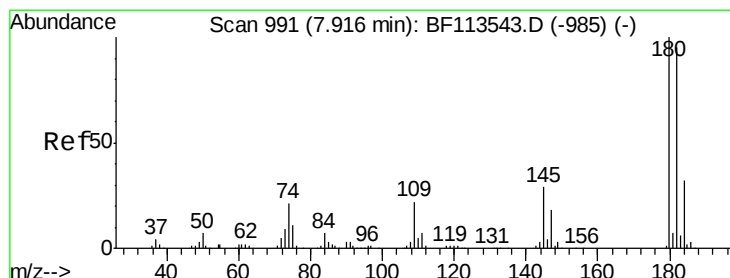
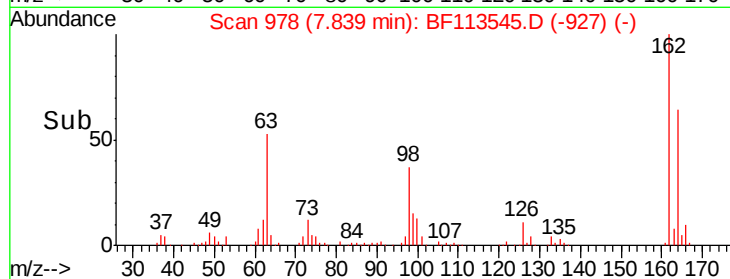
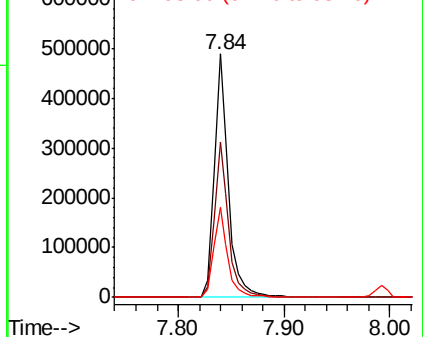
#29
 2,4-Dichlorophenol
 Concen: 59.257 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.3	84.3
98	36.9	14.0	54.0

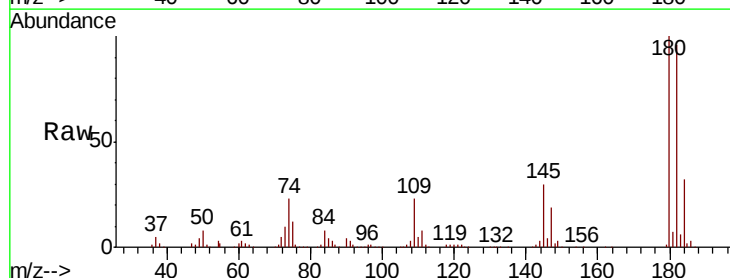


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

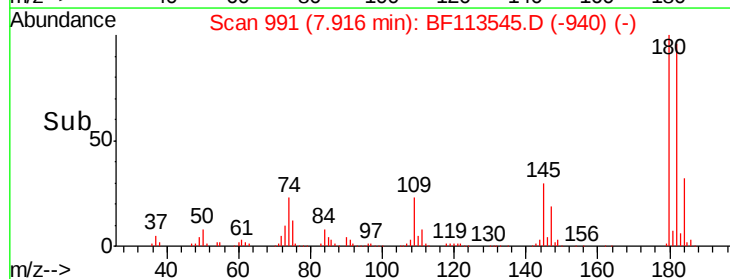
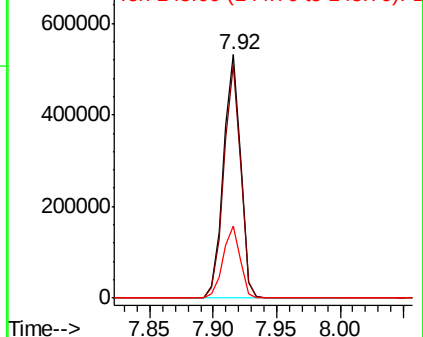


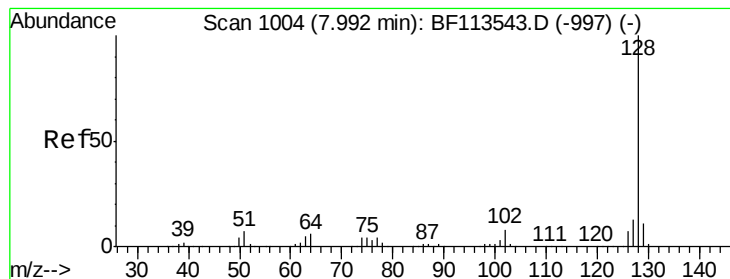
#30
 1,2,4-Trichlorobenzene
 Concen: 59.416 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	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: 57.620 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

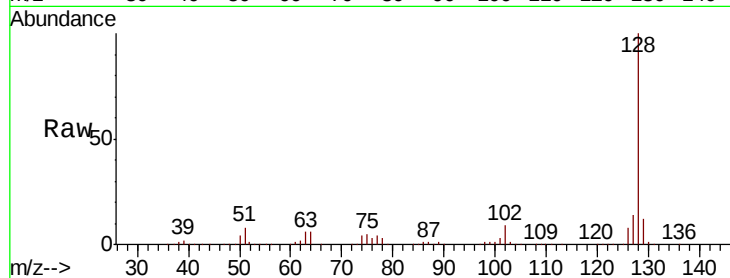
Tot Ion:128 Resp: 1520202

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

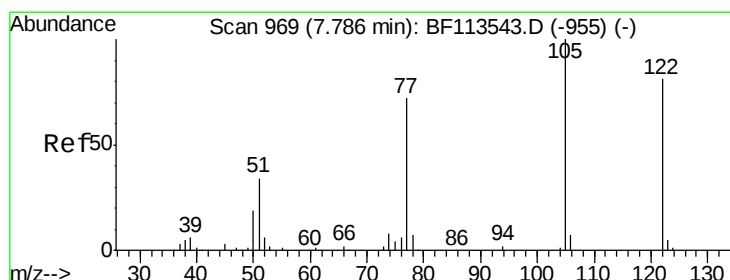
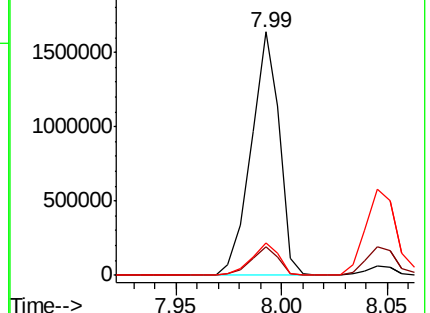
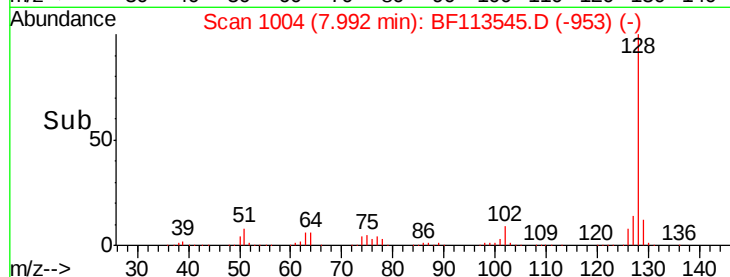
127 13.6 10.7 16.1



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: 59.586 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.02 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

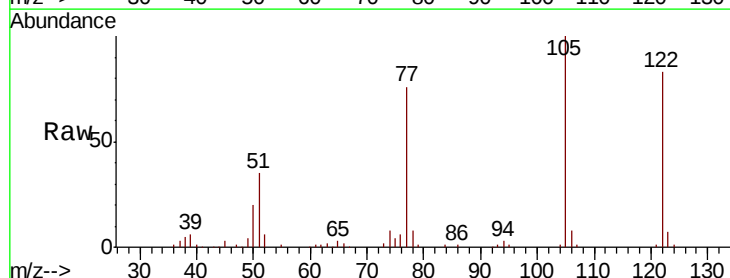
Tgt Ion:122 Resp: 346166

Ion Ratio Lower Upper

122 100

105 120.1 101.5 141.5

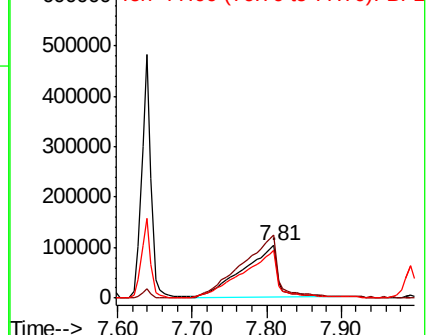
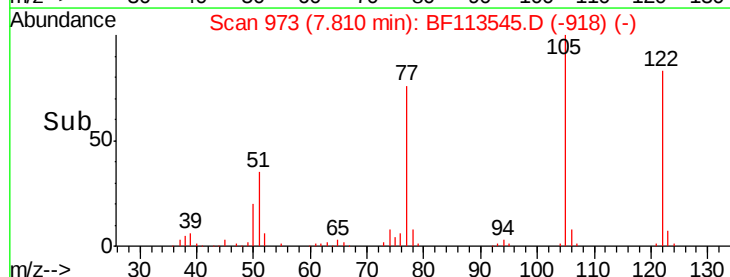
77 91.2 68.7 108.7



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

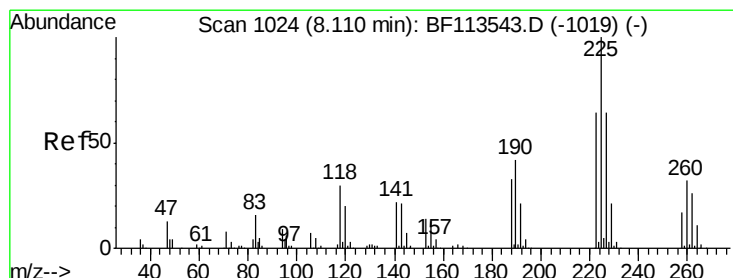
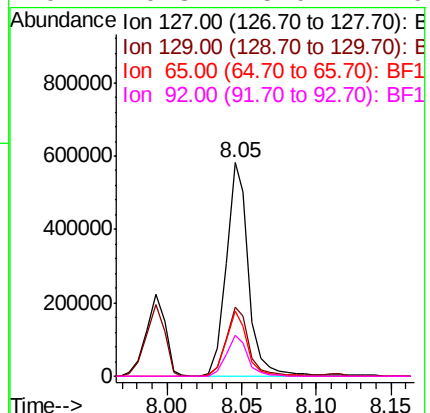
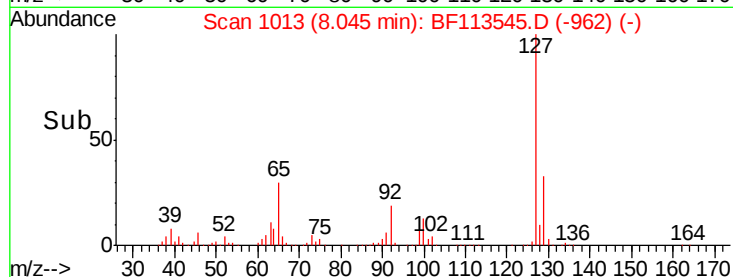
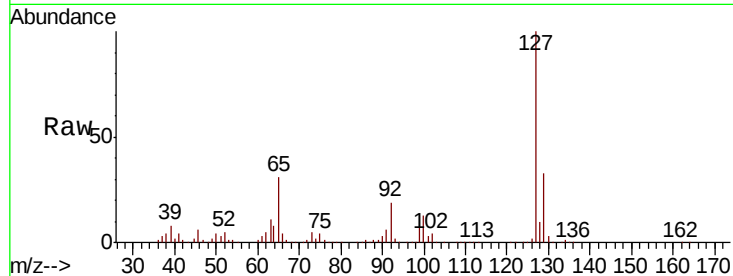




#33
4-Chloroaniline
Concen: 59.483 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

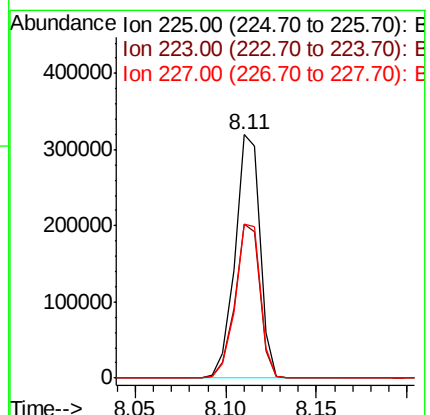
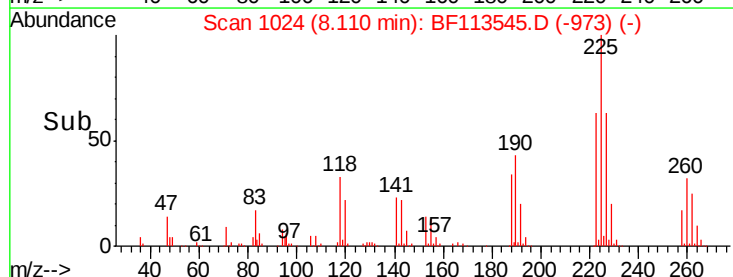
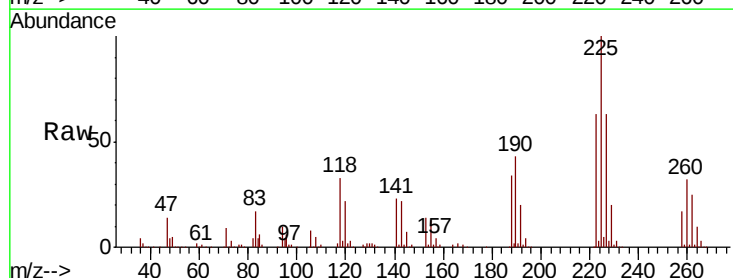
Instrument :
BNA_F
ClientSampleId :

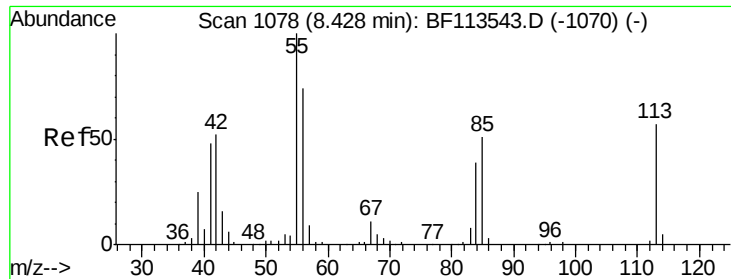
Tot Ion:	127	Resp:	611959
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	30.7	23.1	34.7
92	19.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 60.897 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion:	225	Resp:	305412
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.0
227	63.2	51.4	77.2

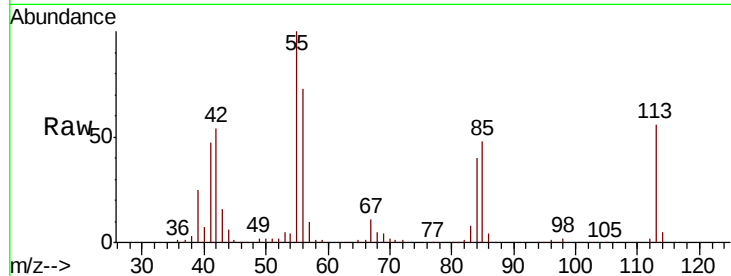




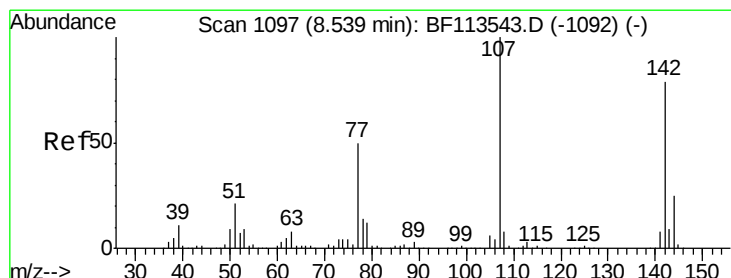
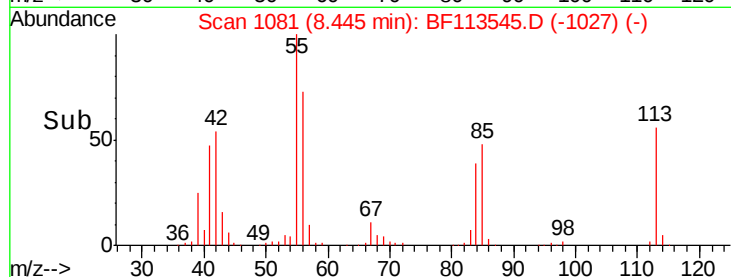
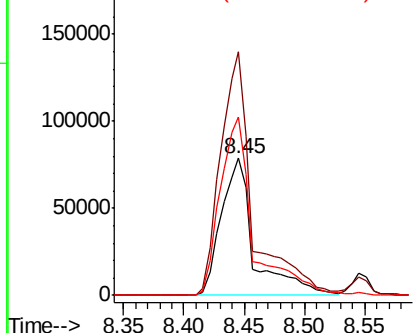
#35
 Caprolactam
 Concen: 59.173 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. 0.02 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 148532
 Ion Ratio Lower Upper
 113 100
 55 177.7 154.8 194.8
 56 129.8 108.9 148.9

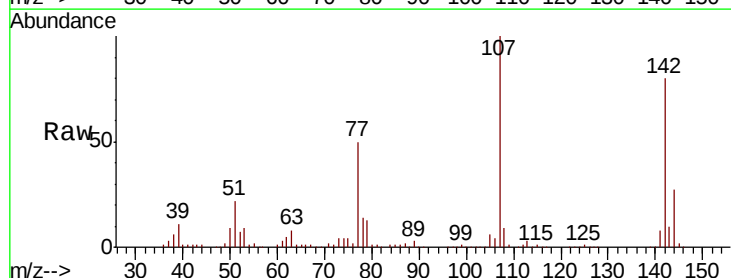


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

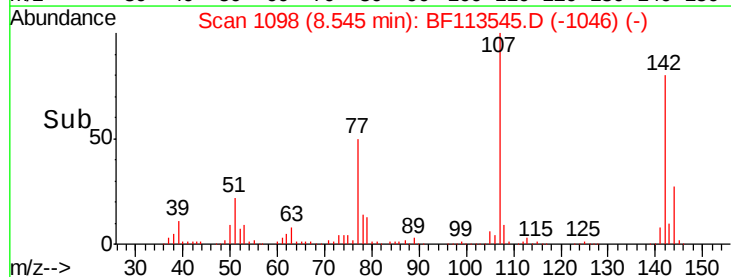
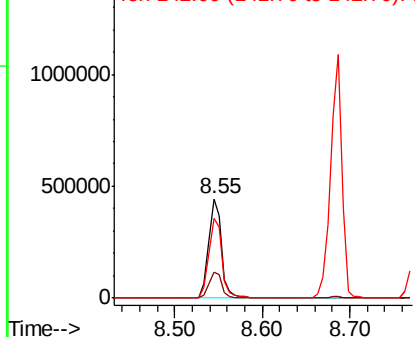


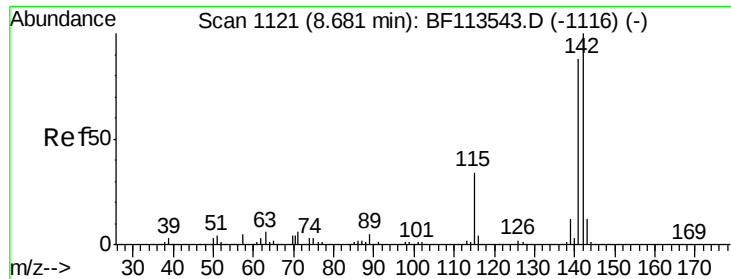
#36
 4-Chloro-3-methylphenol
 Concen: 58.513 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Tgt Ion:107 Resp: 460294
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.0 30.0
 142 79.9 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

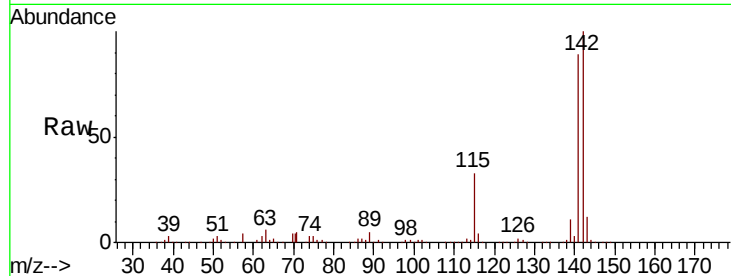




#37
2-Methylnaphthalene
Concen: 59.885 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.6	105.8
115	33.3	26.9	40.3

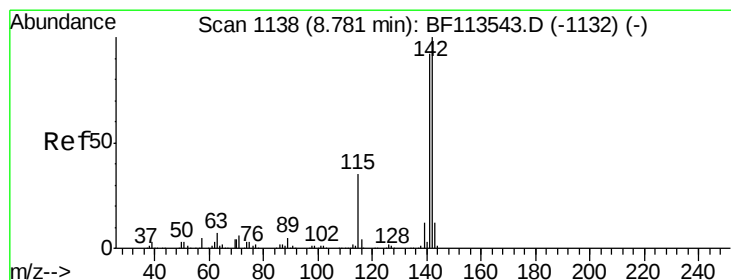
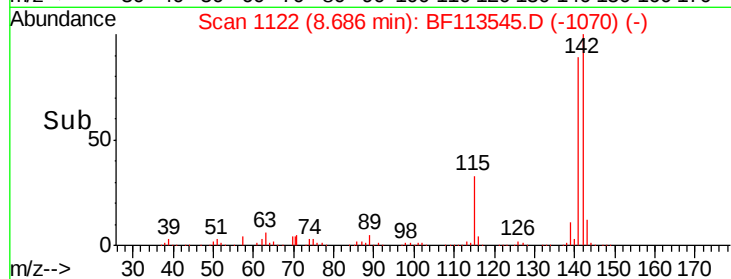
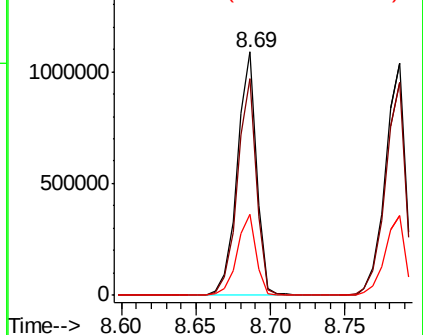


Abundance

Ion 142.00 (141.70 to 142.70): E

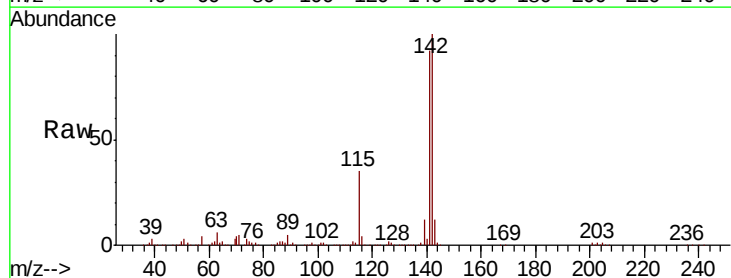
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 60.068 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.6
116	3.5	3.0	4.4

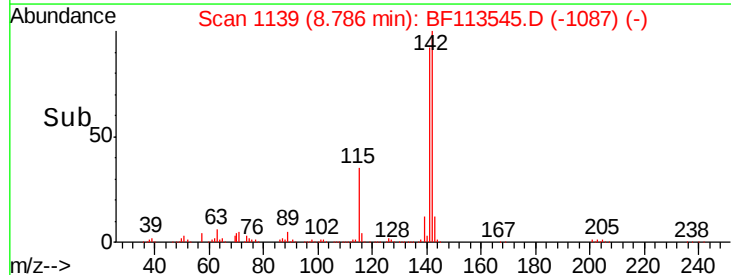
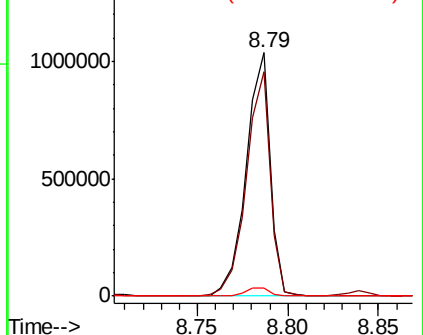


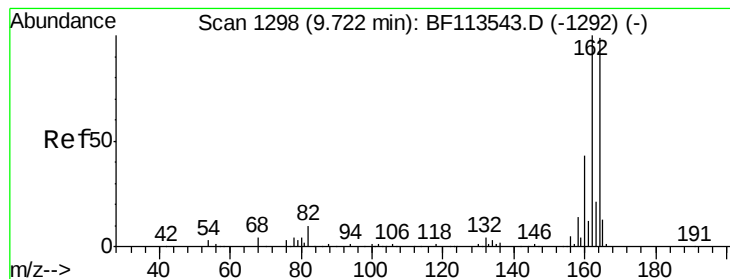
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

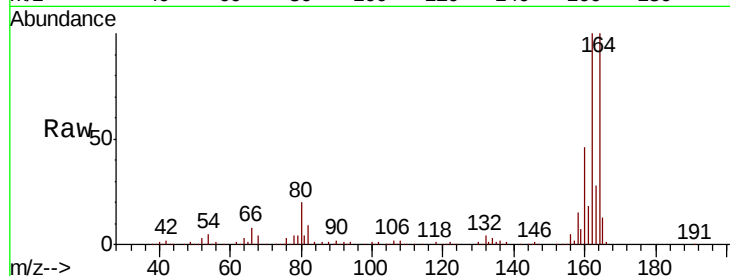
Tot Ion:164 Resp: 257394

Ion Ratio Lower Upper

164 100

162 100.0 80.5 120.7

160 45.7 34.8 52.2

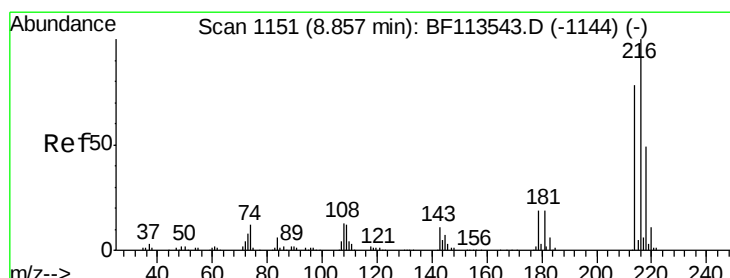
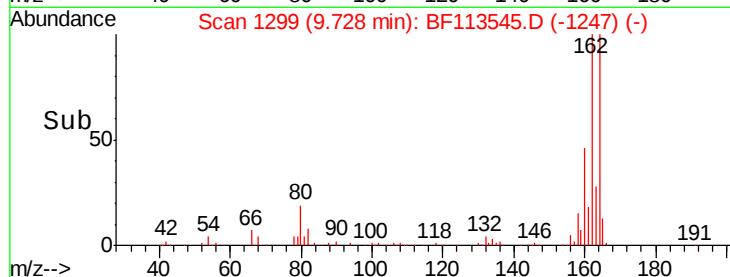
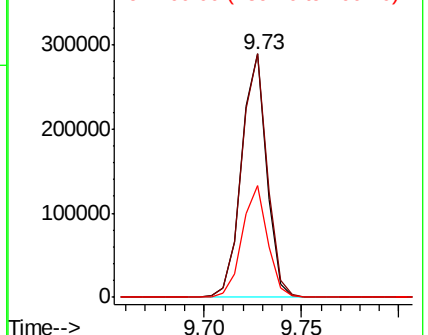


Abundance

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: 58.402 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Tgt Ion:216 Resp: 482536

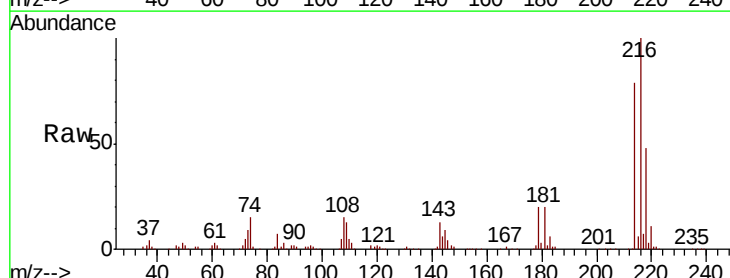
Ion Ratio Lower Upper

216 100

214 79.7 62.7 94.1

179 20.5 16.1 24.1

108 17.1 13.4 20.0



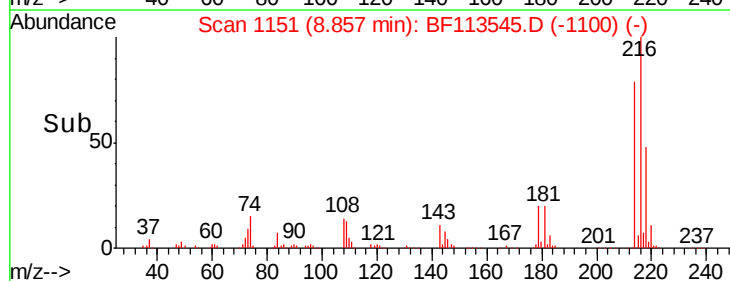
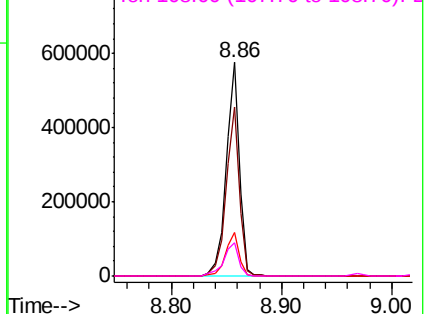
Abundance

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: 46.107 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

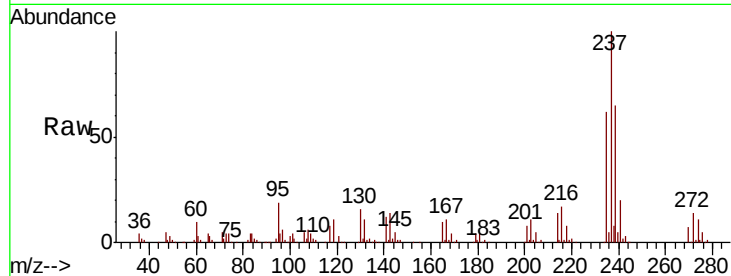
Tot Ion:237 Resp: 161248

Ion Ratio Lower Upper

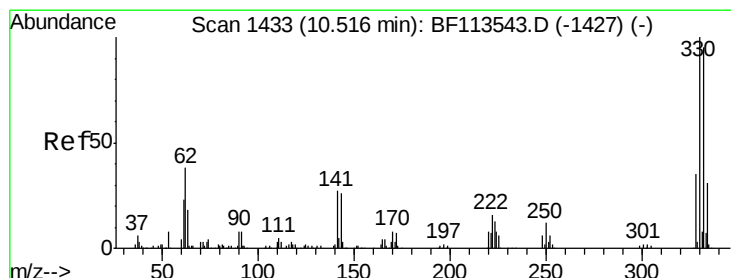
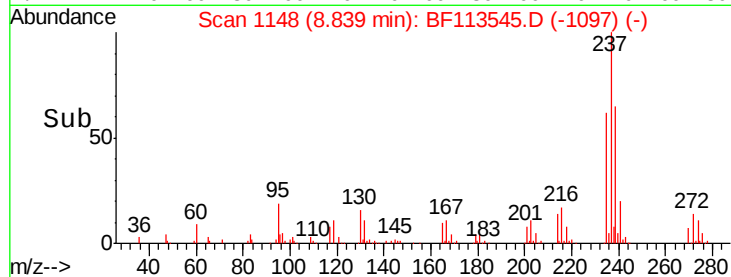
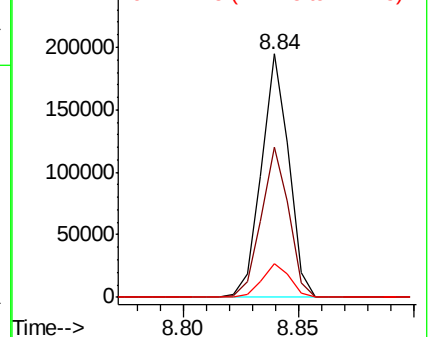
237 100

235 61.7 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: 110.258 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

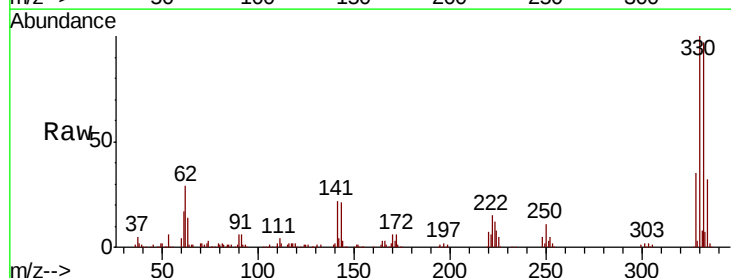
Tgt Ion:330 Resp: 350556

Ion Ratio Lower Upper

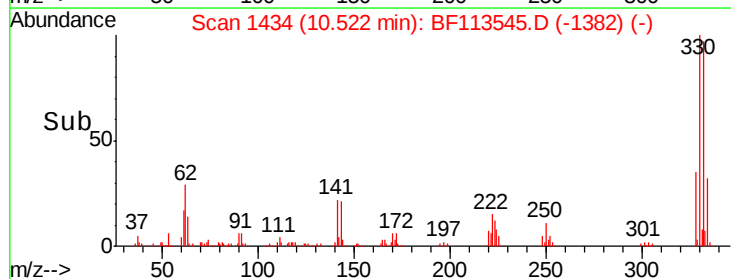
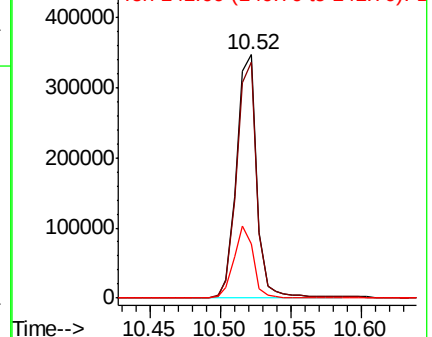
330 100

332 97.8 76.4 114.6

141 28.3 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

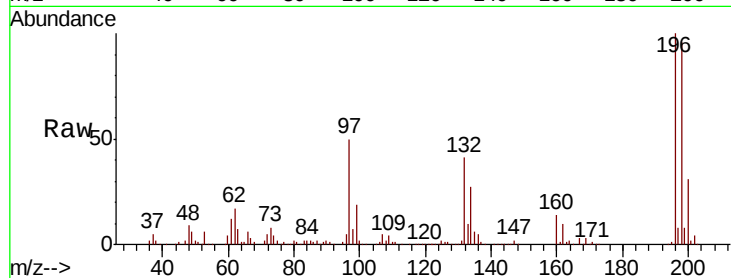




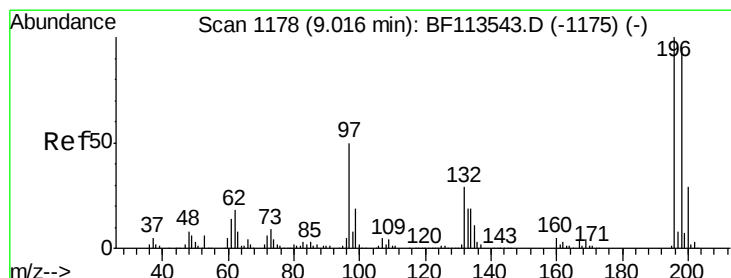
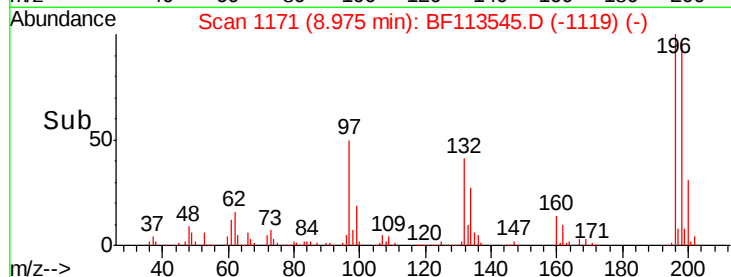
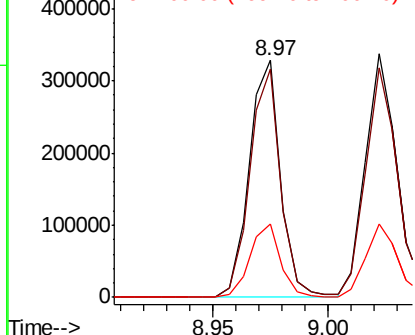
#43
 2,4,6-Trichlorophenol
 Concen: 57.996 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 312040
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.1 114.1
 200 31.1 24.4 36.6

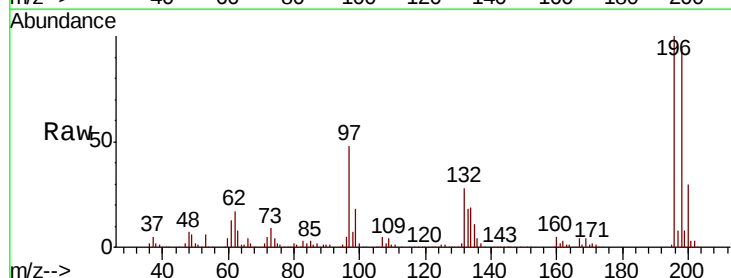


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

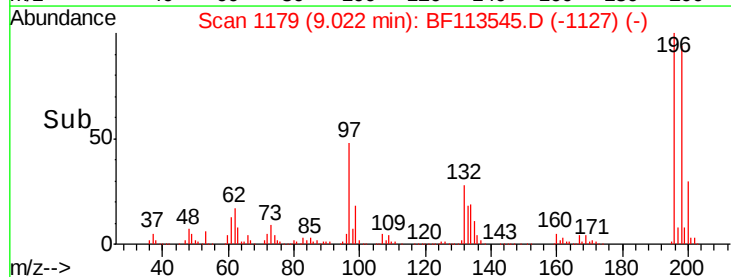
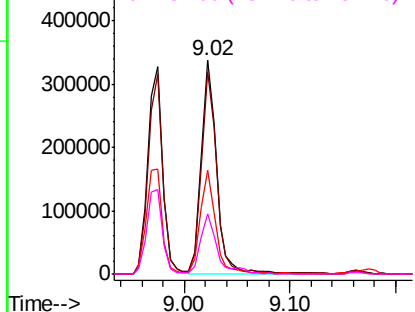


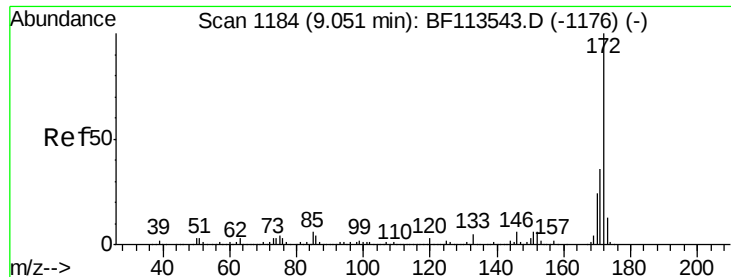
#44
 2,4,5-Trichlorophenol
 Concen: 56.340 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Tgt Ion:196 Resp: 335472
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.0 114.0
 97 48.3 40.2 60.4
 132 28.2 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

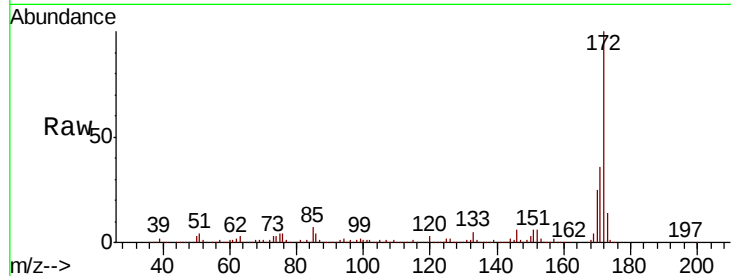




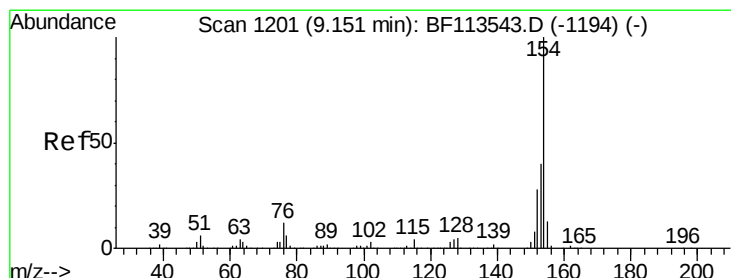
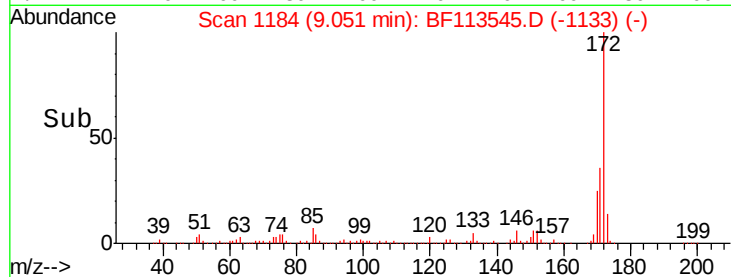
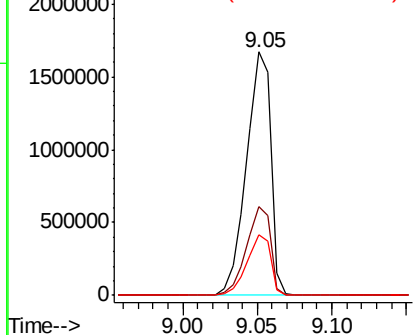
#45
2-Fluorobiphenyl
Concen: 107.418 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1885457
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.7 19.5 29.3

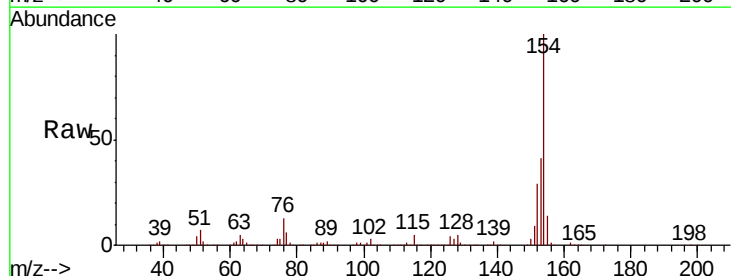


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

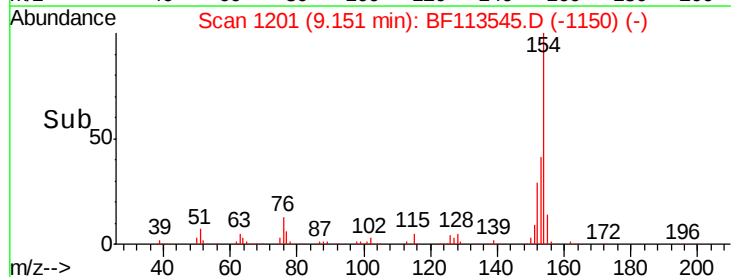
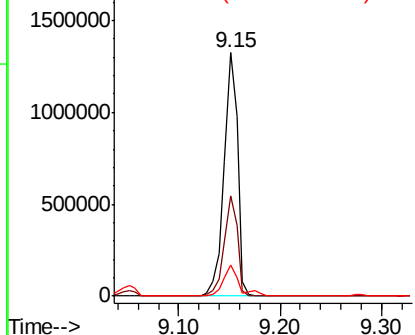


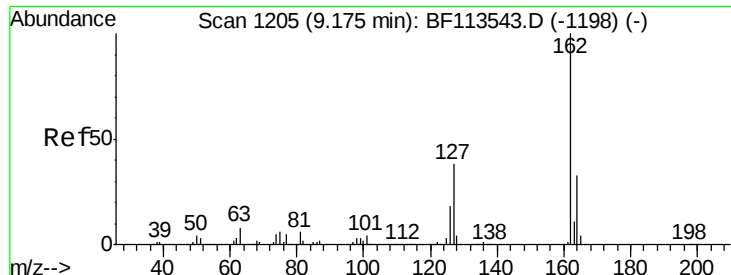
#46
1,1'-Biphenyl
Concen: 57.058 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion:154 Resp: 1226593
Ion Ratio Lower Upper
154 100
153 41.3 20.2 60.2
76 13.0 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

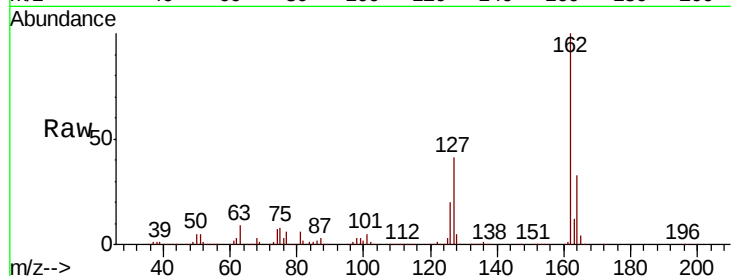




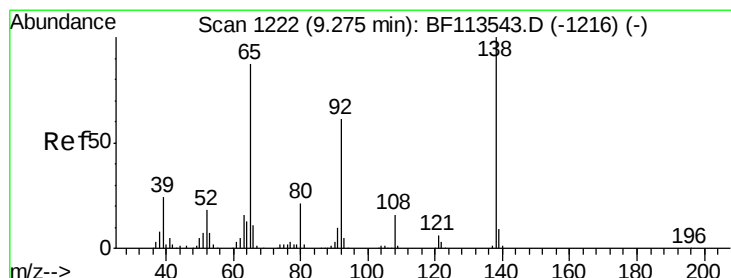
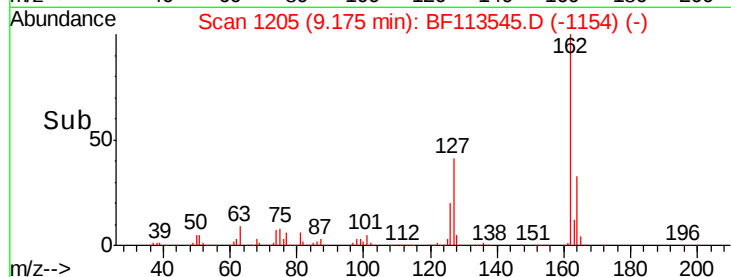
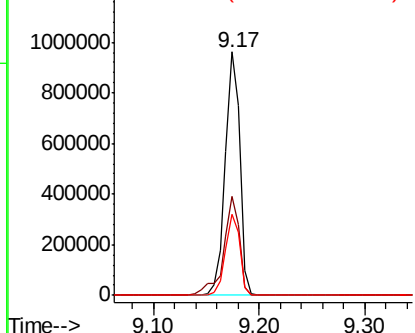
#47
2-Chloronaphthalene
Concen: 56.268 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	31.0	46.4
164	33.3	26.6	40.0

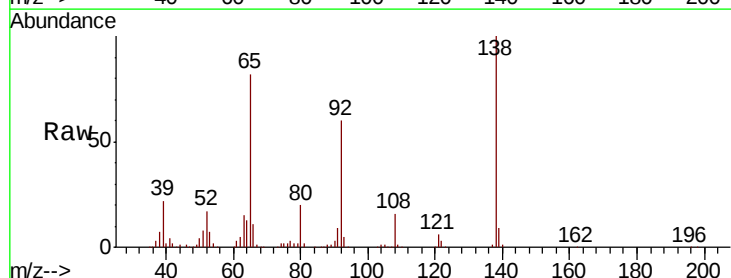


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

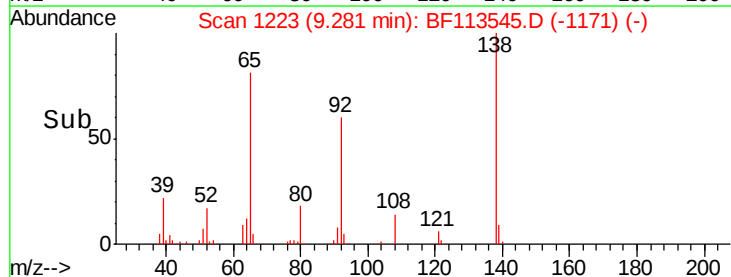
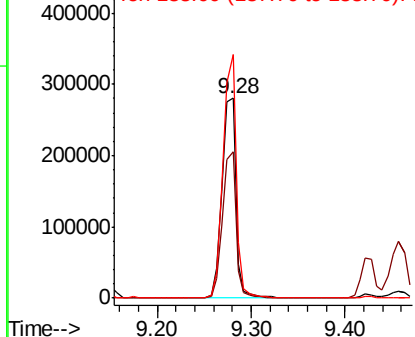


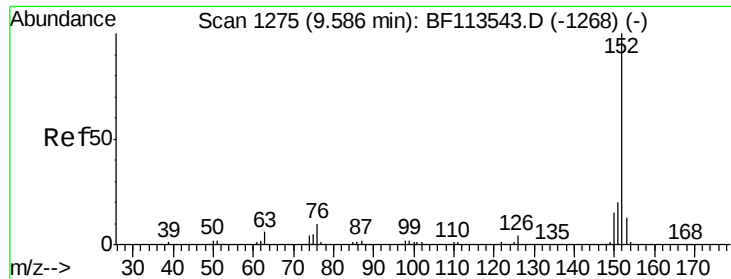
#48
2-Nitroaniline
Concen: 56.424 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	56.0	84.0
138	122.0	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: 55.773 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

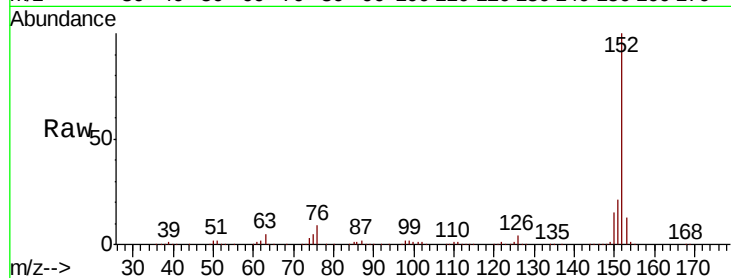
Tot Ion:152 Resp: 1492662

Ion Ratio Lower Upper

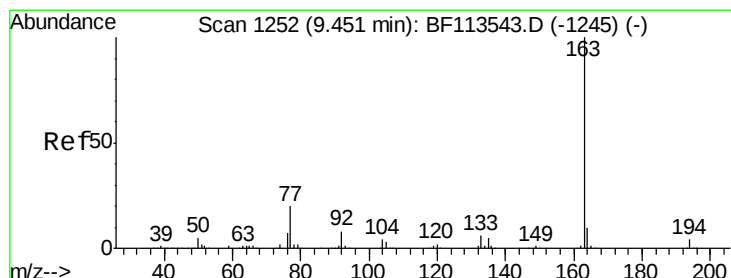
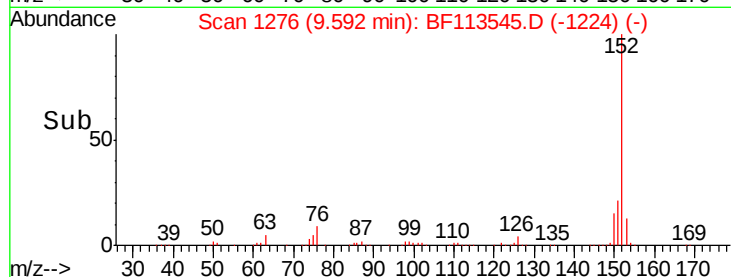
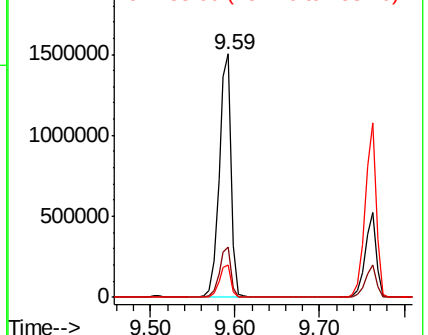
152 100

151 20.6 16.3 24.5

153 13.4 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: 57.980 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

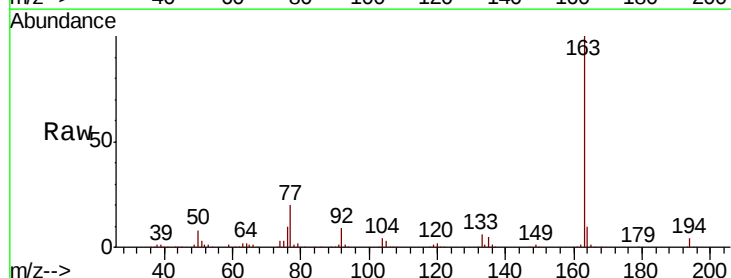
Tgt Ion:163 Resp: 1105965

Ion Ratio Lower Upper

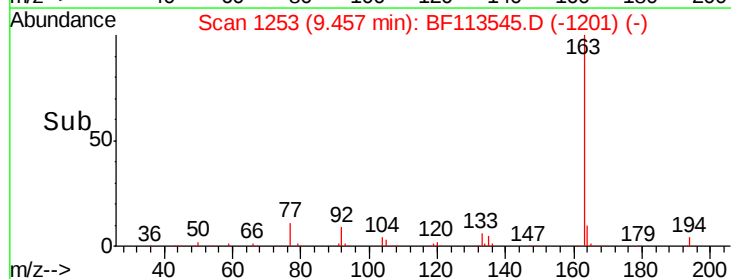
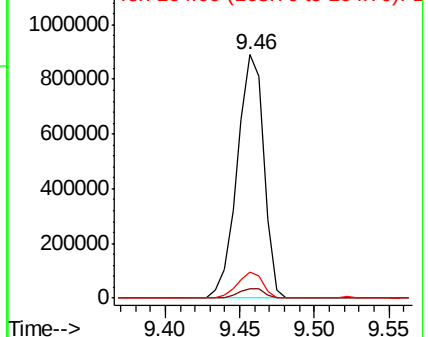
163 100

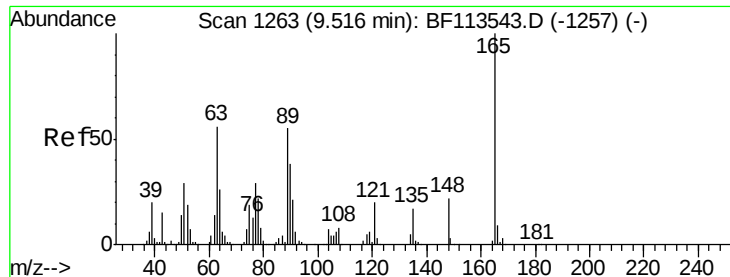
194 4.1 3.1 4.7

164 10.4 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

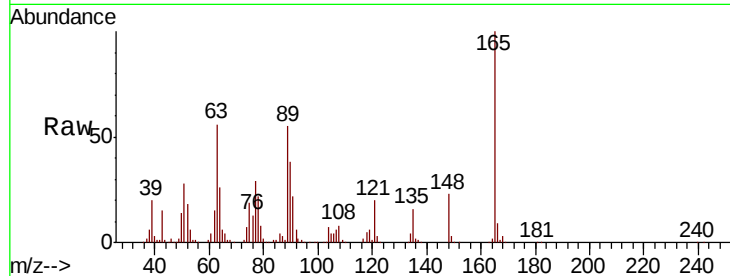




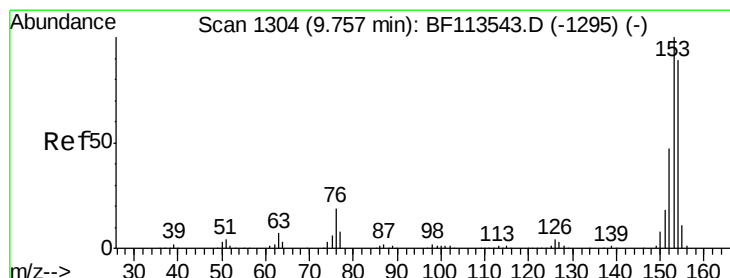
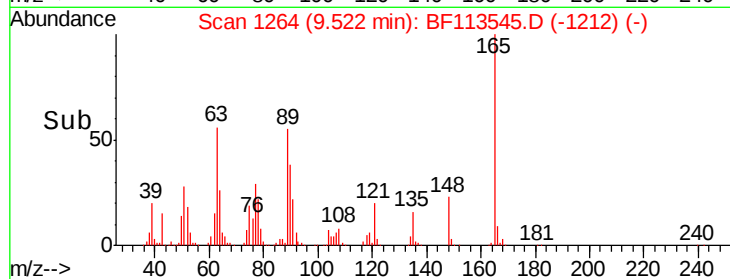
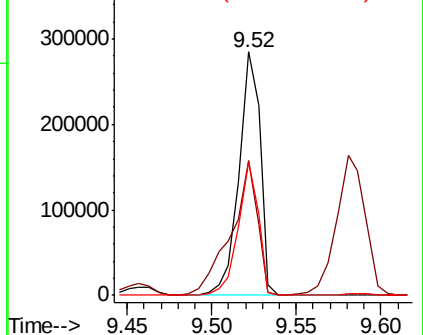
#51
 2,6-Dinitrotoluene
 Concen: 57.747 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 248502
 Ion Ratio Lower Upper
 165 100
 63 55.6 45.1 67.7
 89 54.8 43.9 65.9

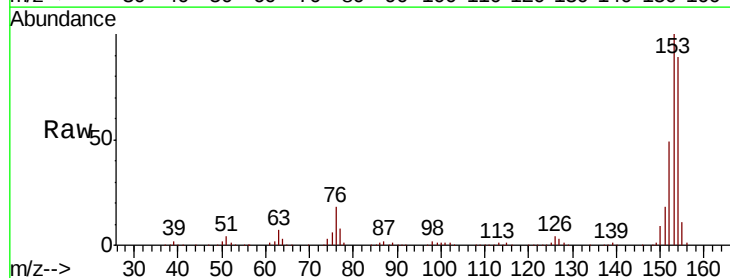


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

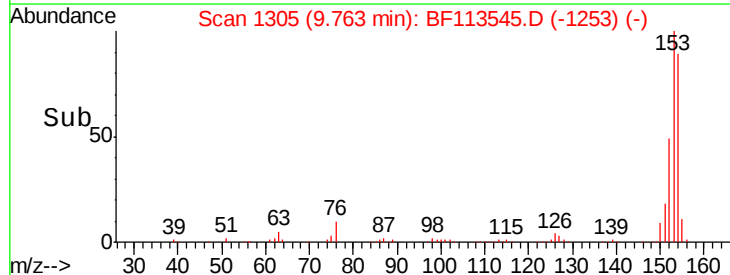
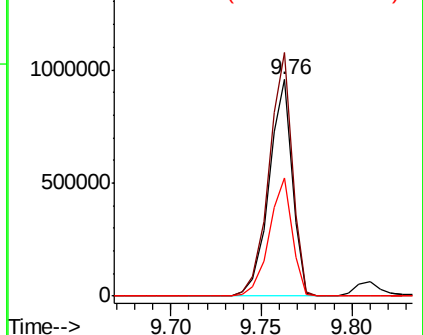


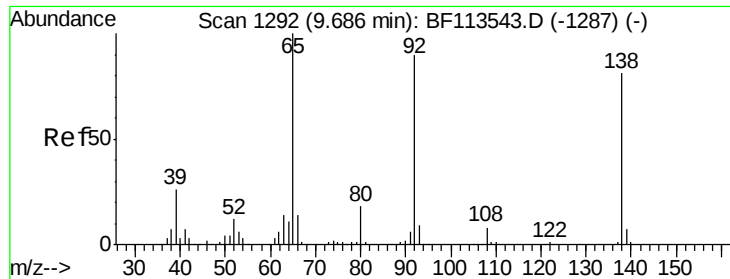
#52
 Acenaphthene
 Concen: 56.492 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Tgt Ion:154 Resp: 851429
 Ion Ratio Lower Upper
 154 100
 153 112.6 89.8 134.8
 152 54.6 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

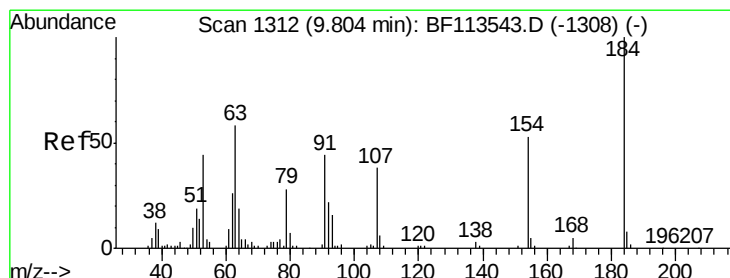
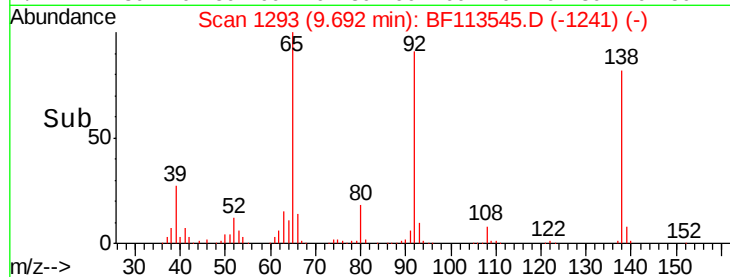
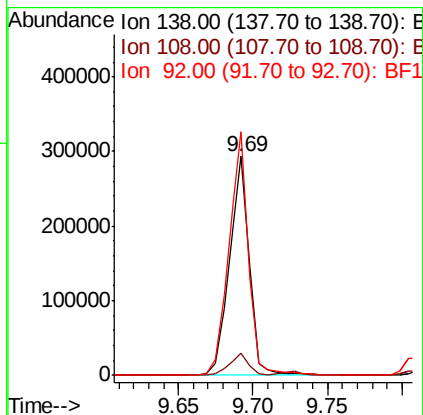
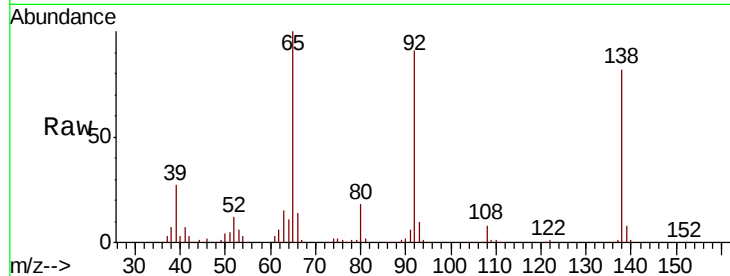




#53
 3-Nitroaniline
 Concen: 57.181 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.01 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

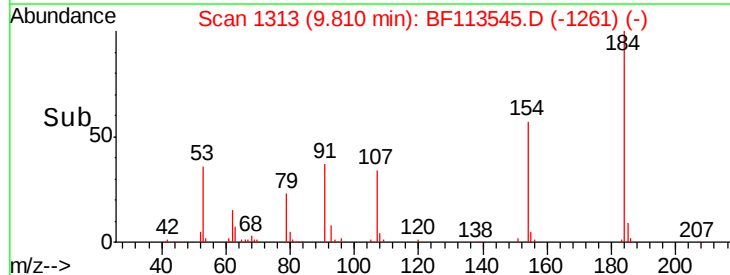
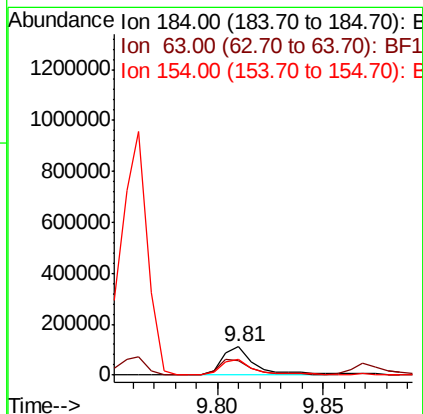
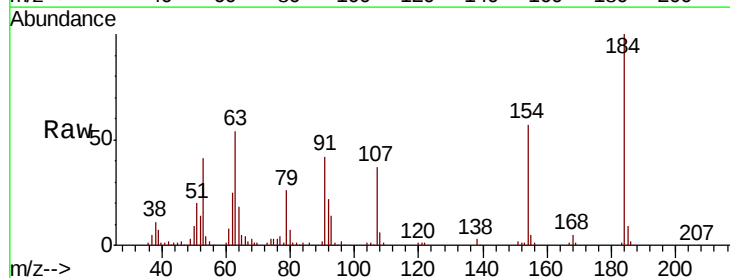
Instrument :
 BNA_F
 ClientSampleId :

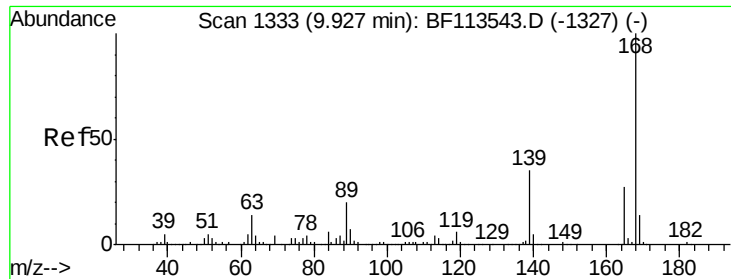
Tot Ion:138 Resp: 277491
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.6 11.4
 92 111.1 89.0 133.6



#54
 2,4-Dinitrophenol
 Concen: 56.024 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF113545.D
 Acq: 3 Apr 2019 13:26

Tgt Ion:184 Resp: 119907
 Ion Ratio Lower Upper
 184 100
 63 53.6 46.4 69.6
 154 56.6 44.3 66.5

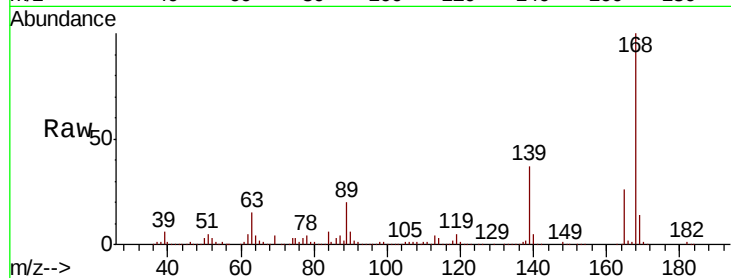




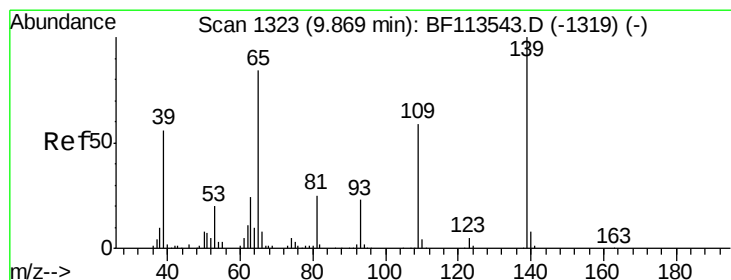
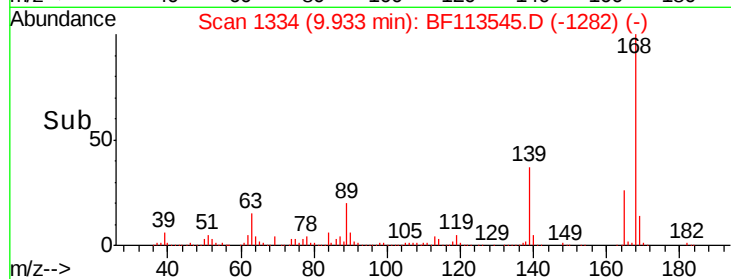
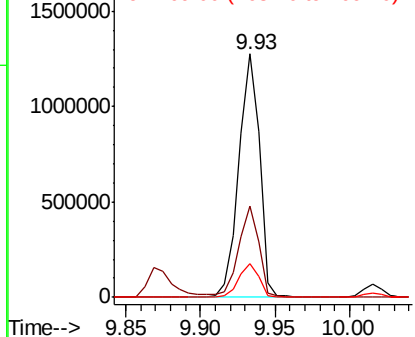
#55
Dibenzofuran
Concen: 54.813 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1241930
Ion Ratio Lower Upper
168 100
139 37.4 29.3 43.9
169 13.8 11.1 16.7

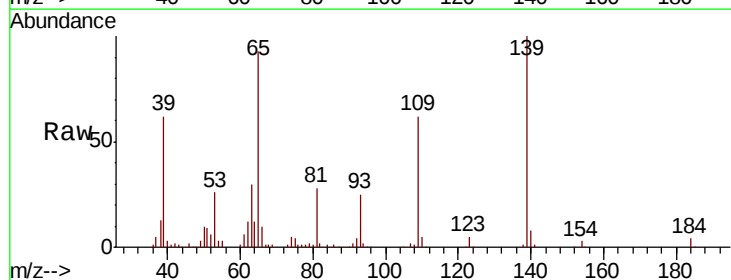


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

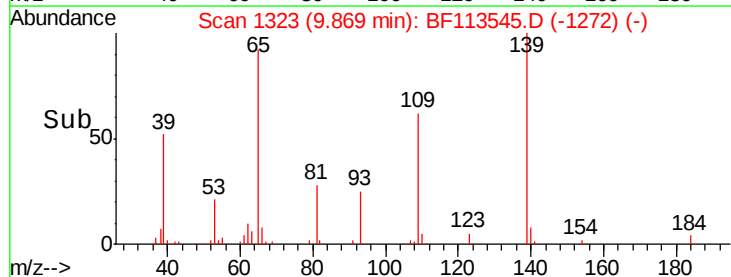
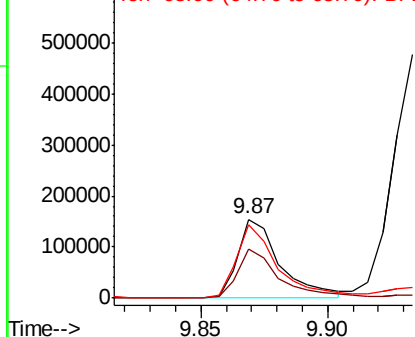


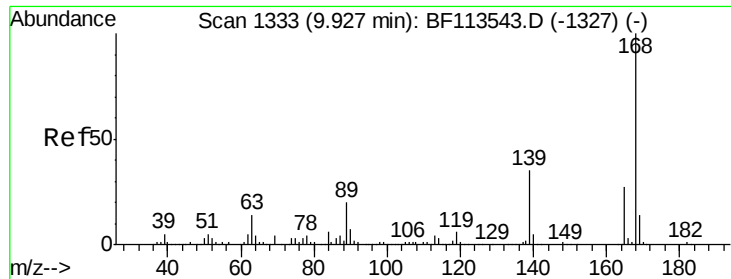
#56
4-Nitrophenol
Concen: 51.711 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion:139 Resp: 178909
Ion Ratio Lower Upper
139 100
109 62.3 38.9 78.9
65 92.9 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

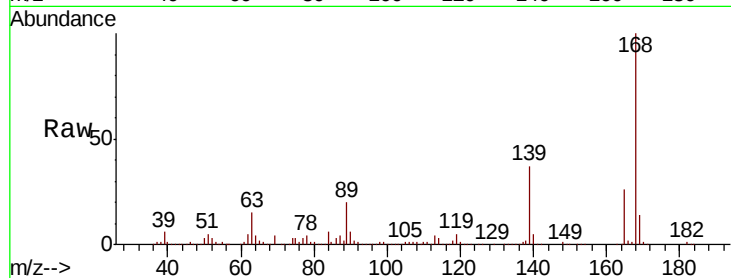




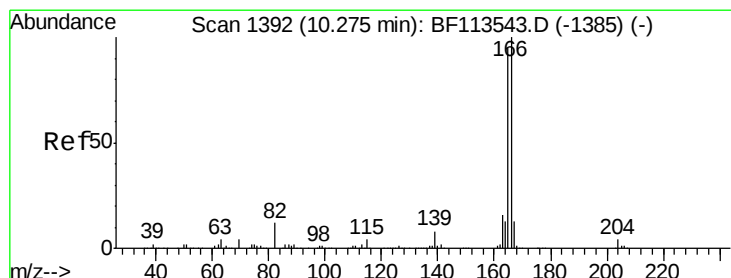
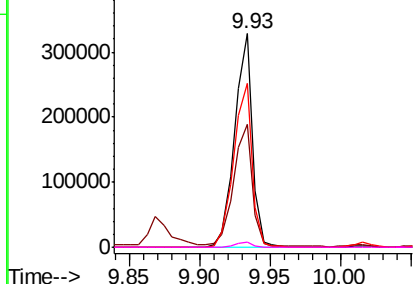
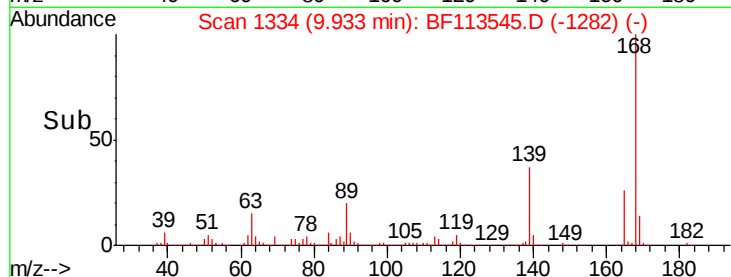
#57
2,4-Dinitrotoluene
Concen: 52.331 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 286378
Ion Ratio Lower Upper
165 100
63 57.4 44.7 67.1
89 76.6 60.4 90.6
182 2.6 1.9 2.9

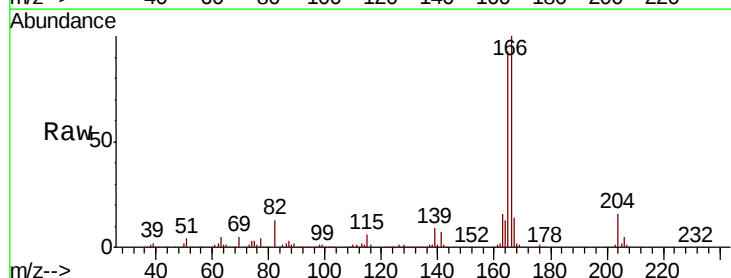


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

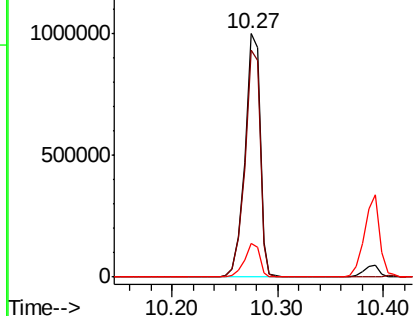
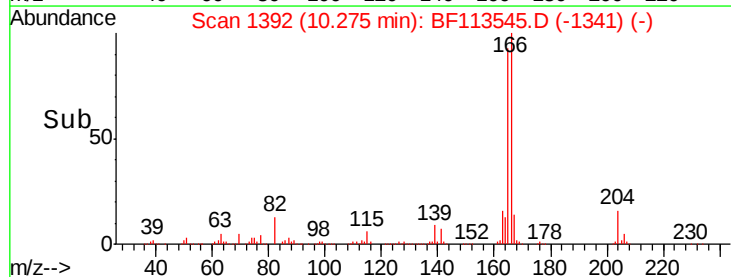


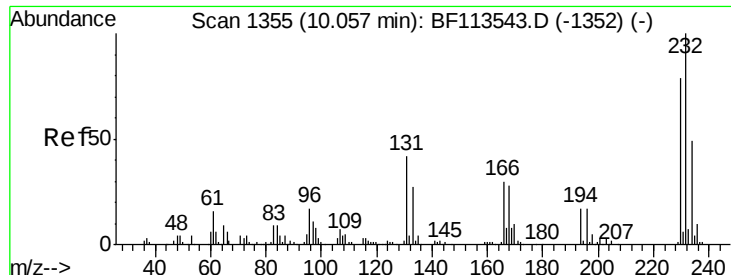
#58
Fluorene
Concen: 56.074 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion:166 Resp: 986989
Ion Ratio Lower Upper
166 100
165 93.1 75.9 113.9
167 13.6 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

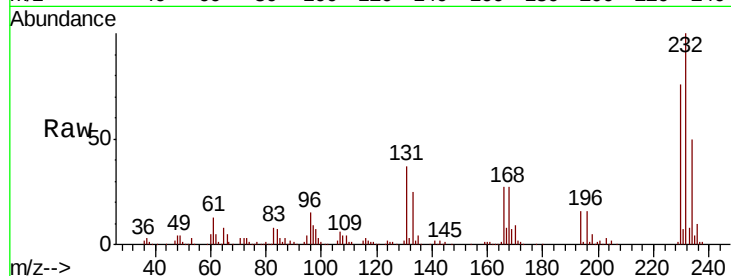




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.439 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.2	33.6	50.4
130	1.8	1.4	2.2
166	27.2	22.4	33.6



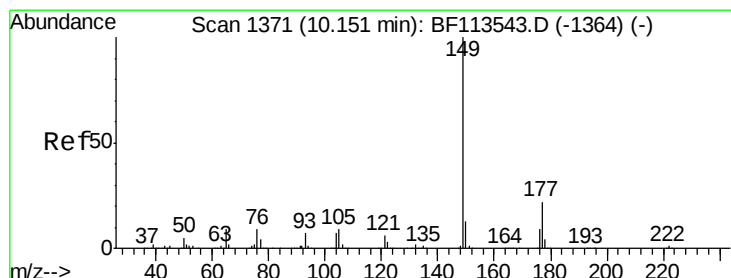
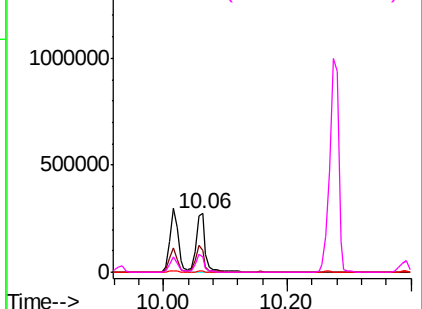
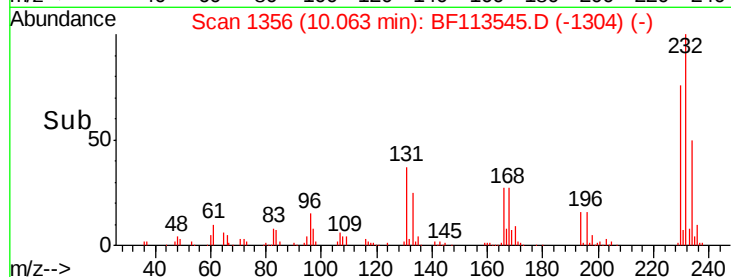
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

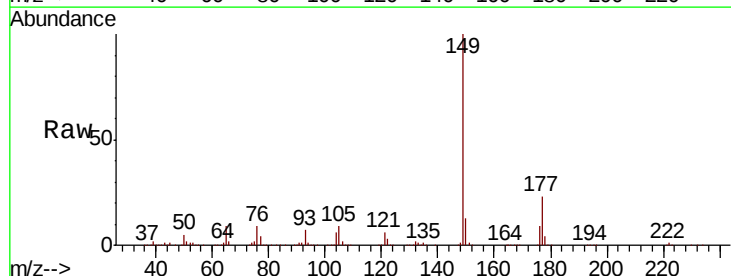
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 56.422 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.5	26.3
150	12.8	10.1	15.1

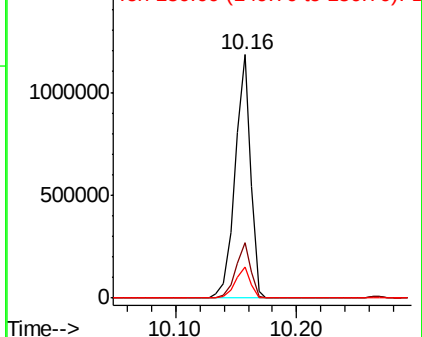
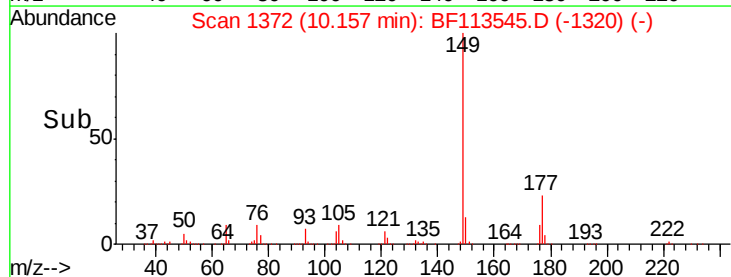


Abundance

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

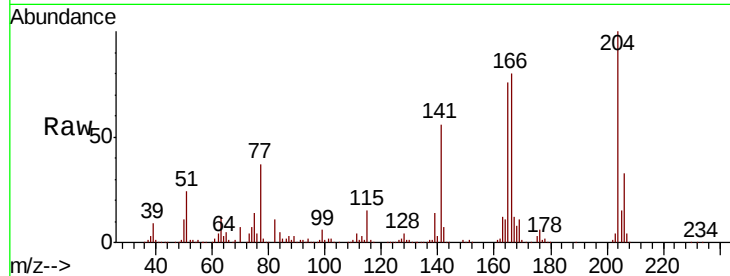




#61
4-Chlorophenyl-phenylether
Concen: 56.303 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.6
141	55.8	45.6	68.4

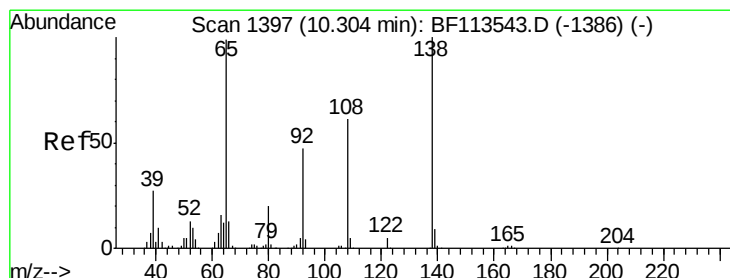
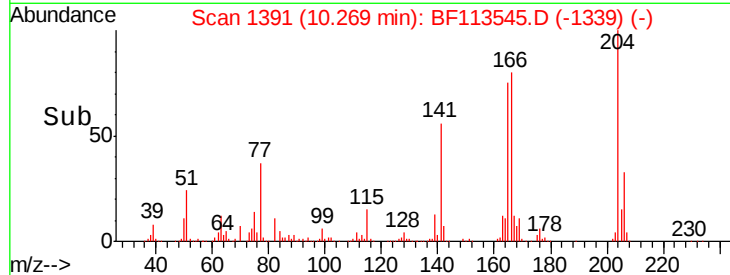
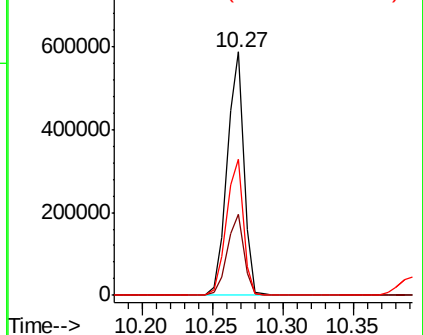


Abundance

Ion 204.00 (203.70 to 204.70): E

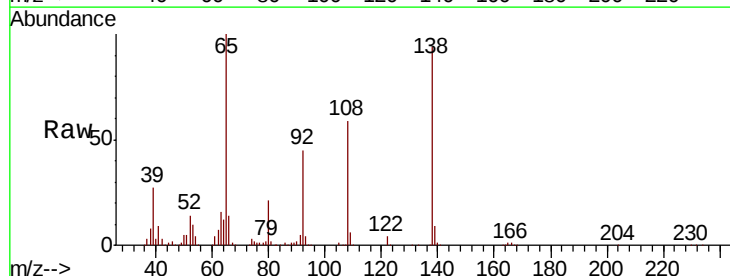
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 56.673 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	26.8	66.8
108	63.1	40.8	80.8

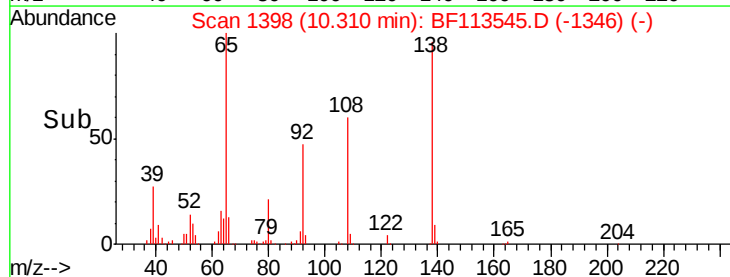
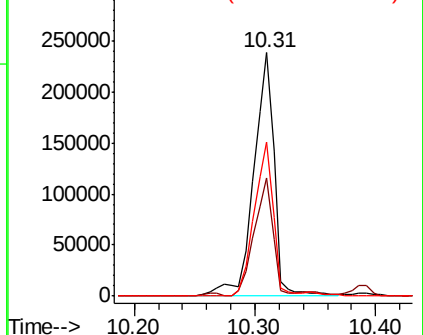


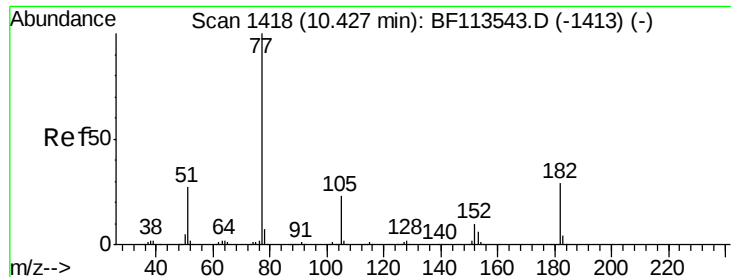
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 56.907 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1002388

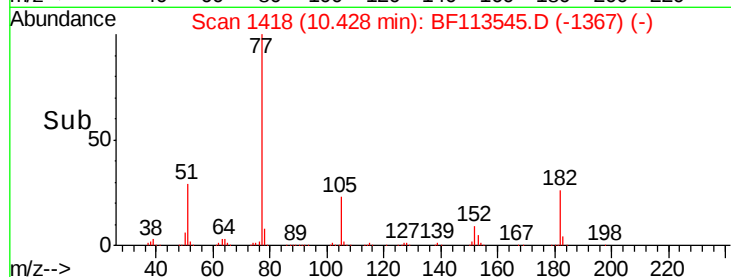
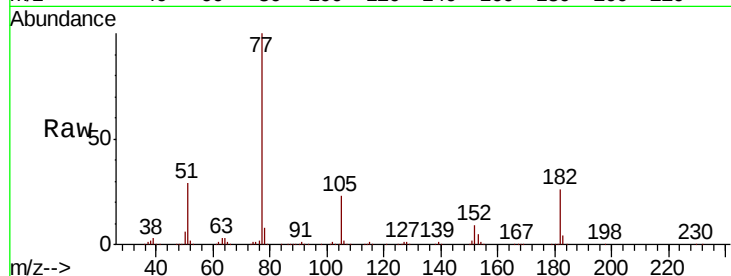
Ion	Ratio	Lower	Upper
77	100		
182	26.2	9.1	49.1
105	22.8	3.4	43.4
51	29.4	7.7	47.7

77 100

182 26.2 9.1 49.1

105 22.8 3.4 43.4

51 29.4 7.7 47.7

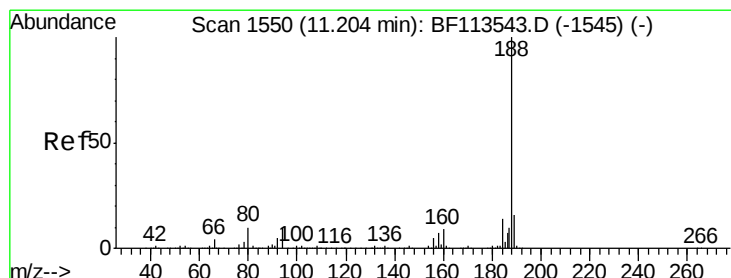
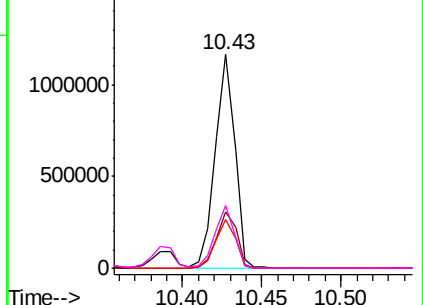


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF113545.D

Acq: 3 Apr 2019 13:26

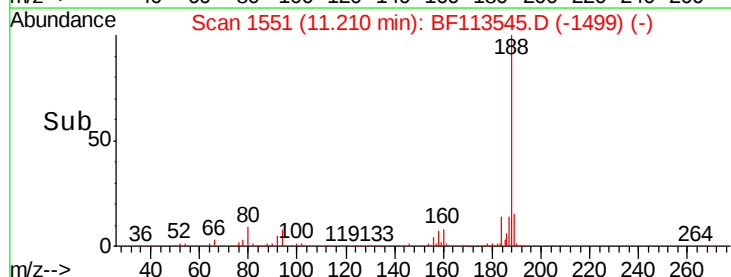
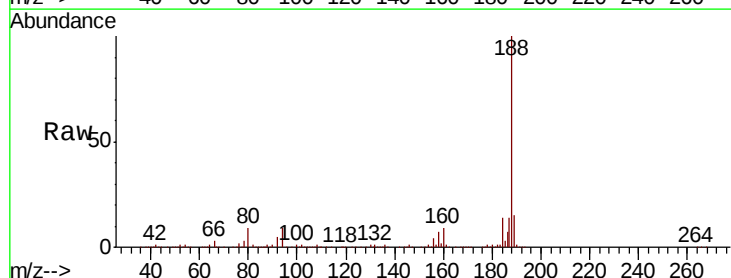
Tgt Ion: 188 Resp: 503314

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	8.7	8.2	12.4

188 100

94 8.8 8.0 12.0

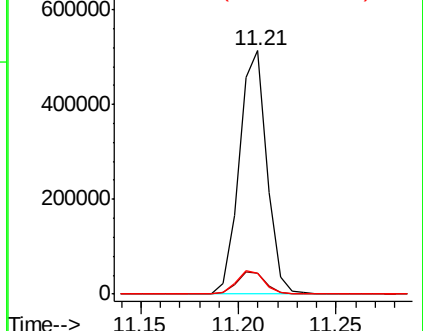
80 8.7 8.2 12.4



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

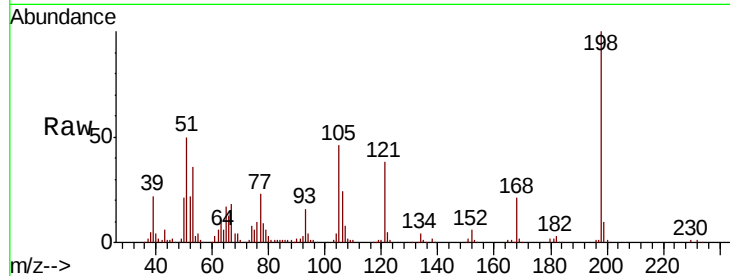




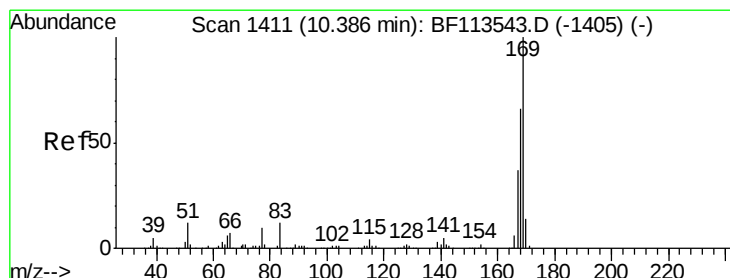
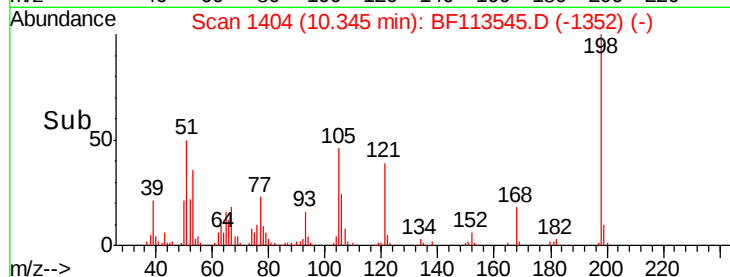
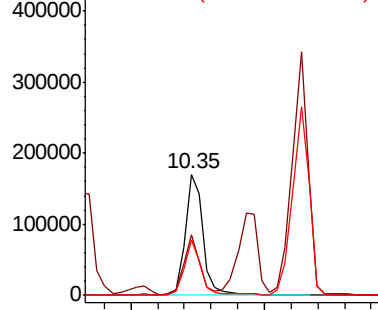
#65
4,6-Dinitro-2-methylphenol
Concen: 58.452 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 160940
Ion Ratio Lower Upper
198 100
51 49.8 31.0 71.0
105 45.7 26.1 66.1

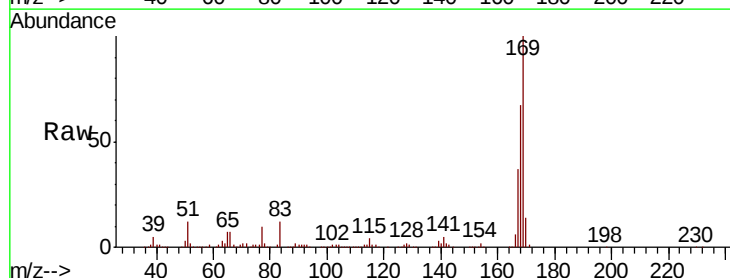


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

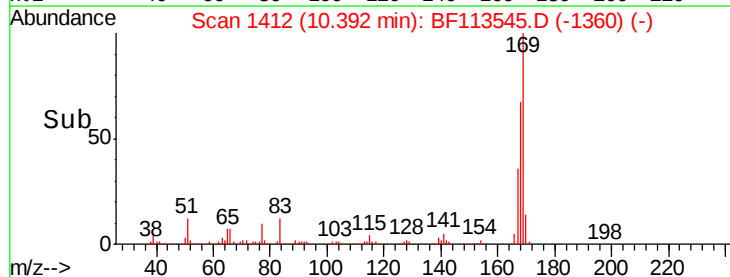
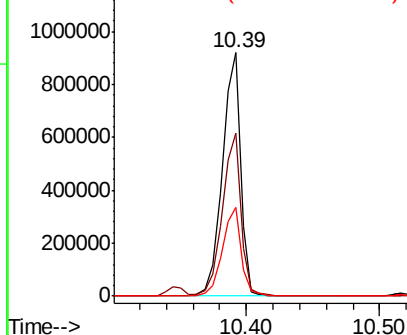


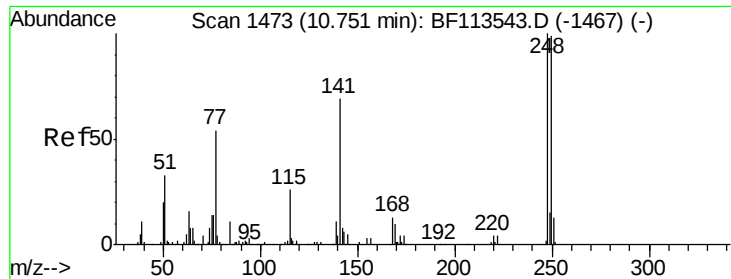
#66
n-Nitrosodiphenylamine
Concen: 57.544 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion:169 Resp: 888726
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.5 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

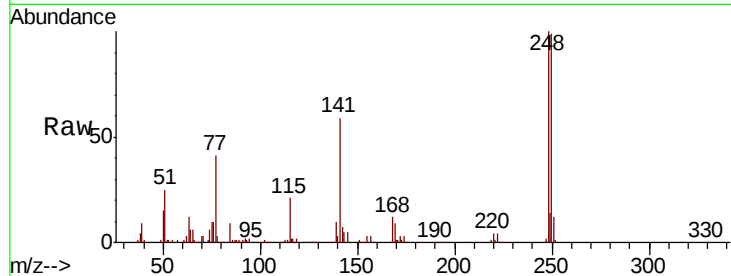




#67
4-Bromophenyl-phenylether
Concen: 59.251 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.9	118.3
141	58.8	55.0	82.4

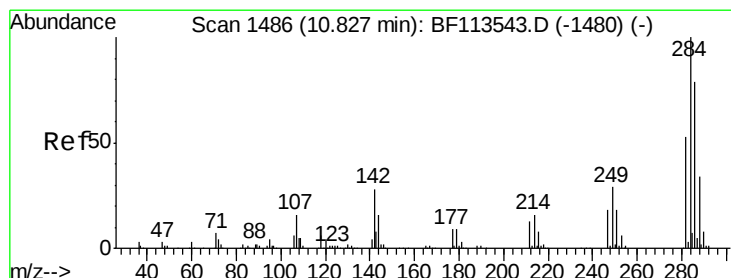
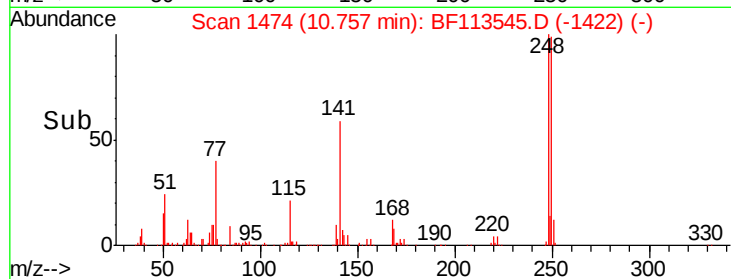
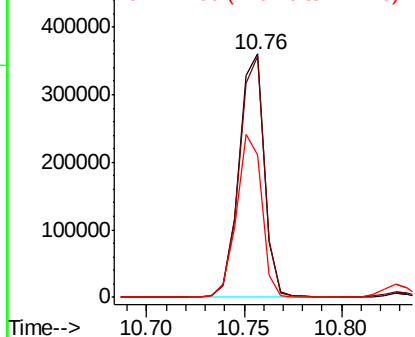


Abundance

Ion 248.00 (247.70 to 248.70): E

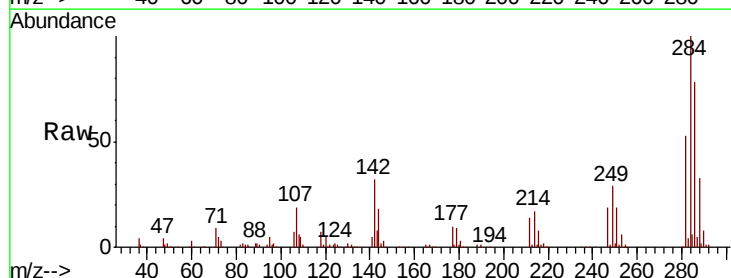
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 59.669 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	22.5	33.7
249	28.6	22.9	34.3

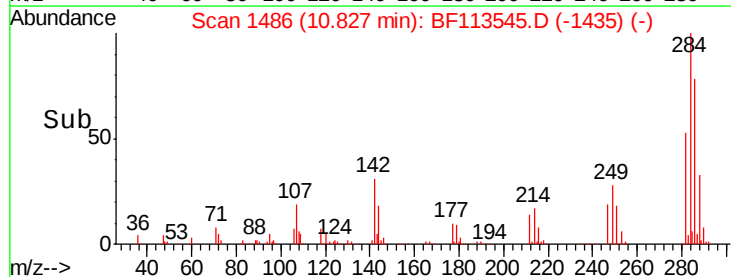
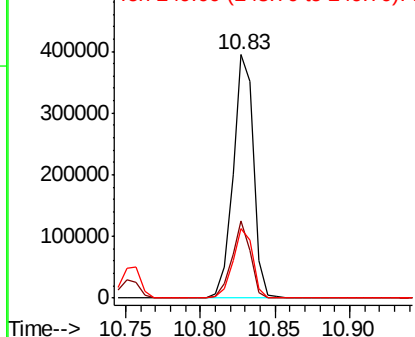


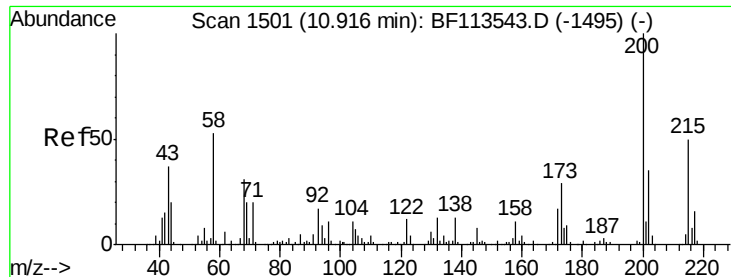
Abundance

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

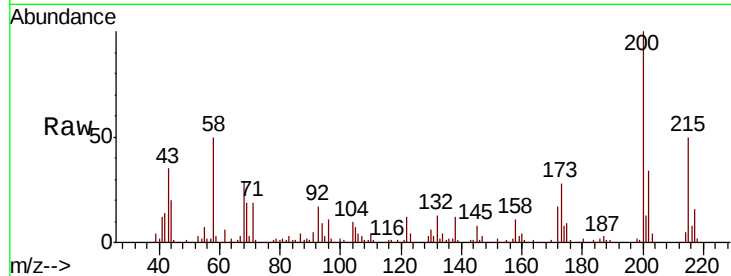




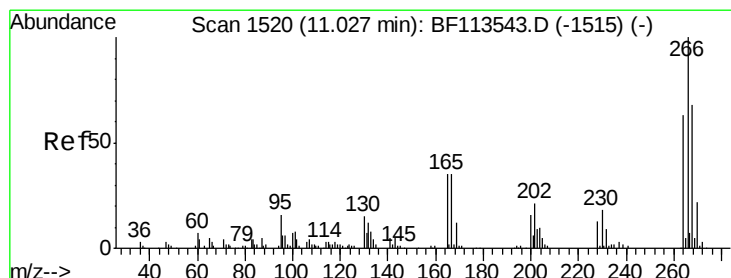
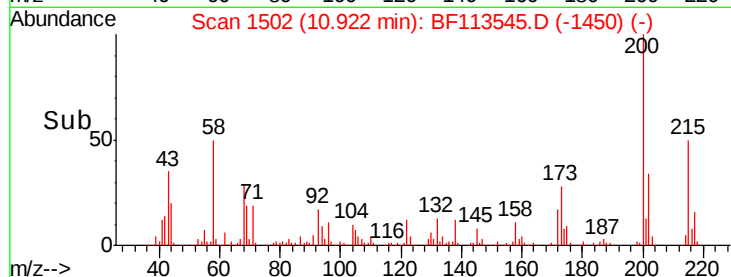
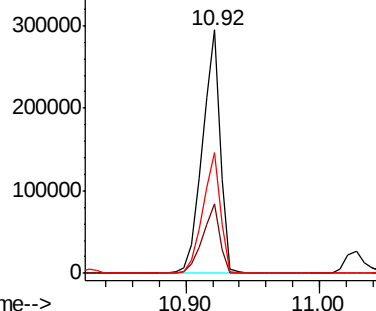
#69
Atrazine
Concen: 57.036 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 278041
Ion Ratio Lower Upper
200 100
173 28.4 8.7 48.7
215 49.6 29.6 69.6

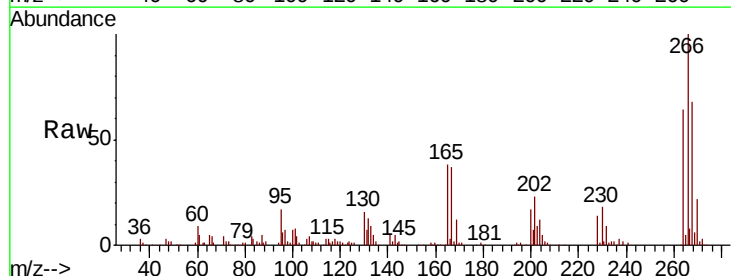


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

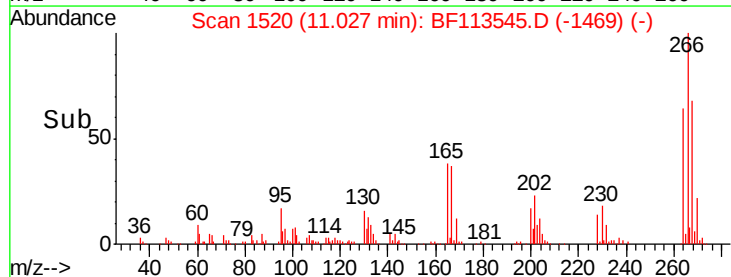
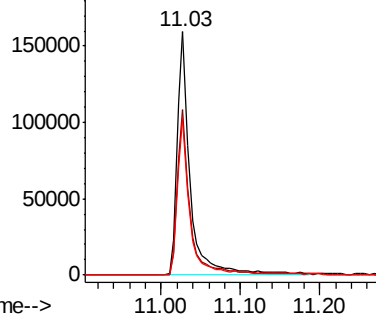


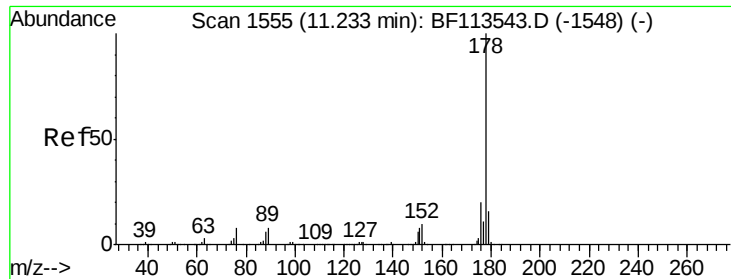
#70
Pentachlorophenol
Concen: 55.593 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion:266 Resp: 184428
Ion Ratio Lower Upper
266 100
268 67.7 54.7 82.1
264 64.1 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: 56.800 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

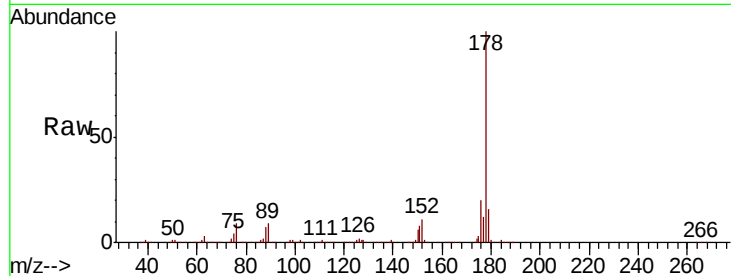
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1419699

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	16.3	12.6	19.0

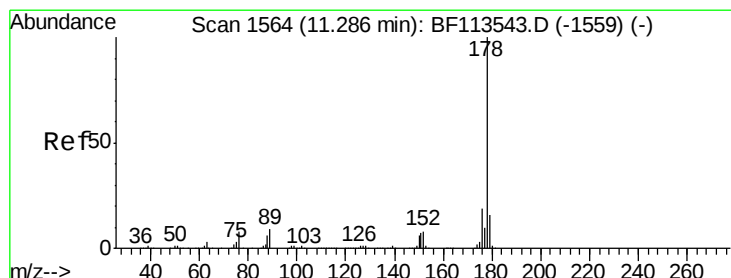
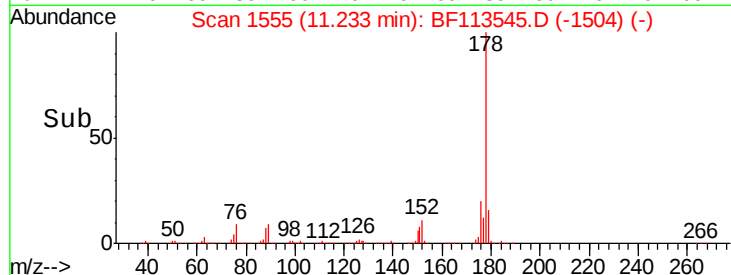
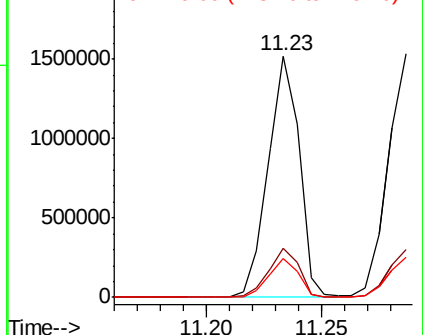


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 57.214 ng

RT: 11.29 min Scan# 1564

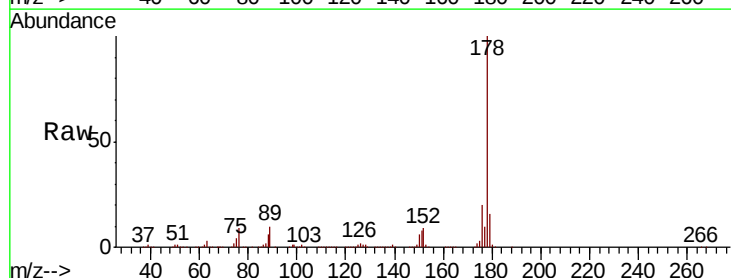
Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Tgt Ion:178 Resp: 1452550

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	16.3	12.5	18.7

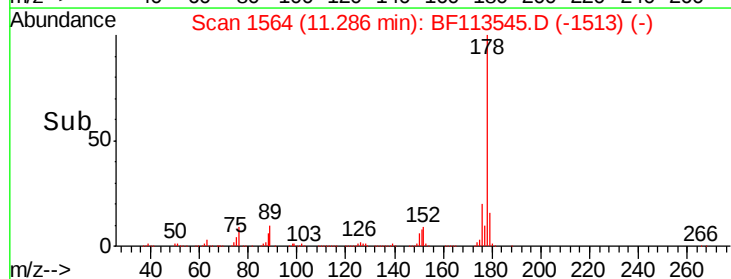
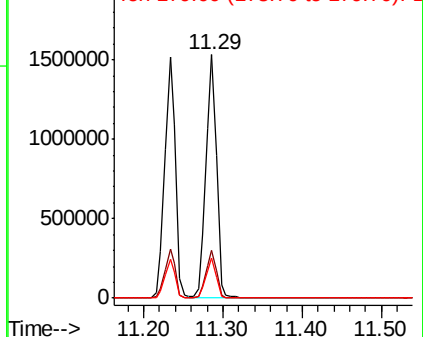


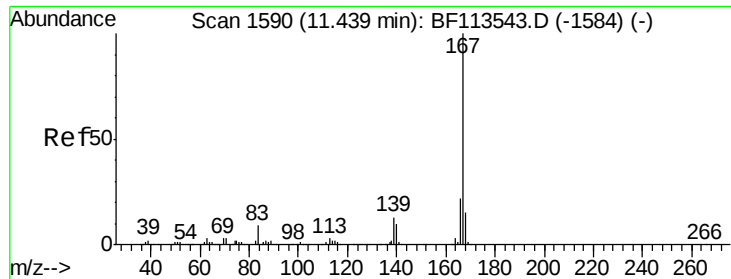
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 55.635 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

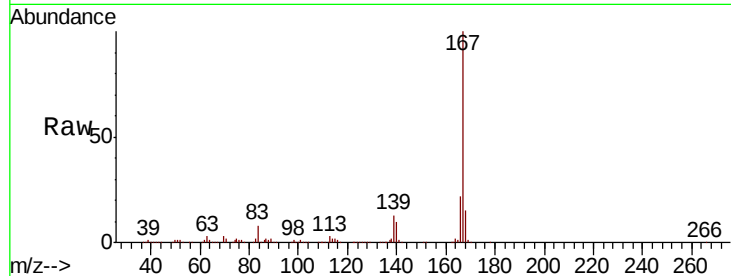
Tot Ion:167 Resp: 1347801

Ion Ratio Lower Upper

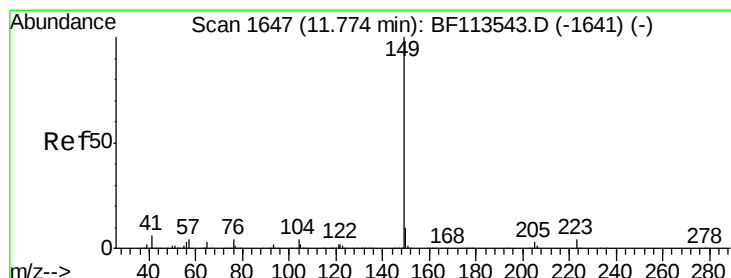
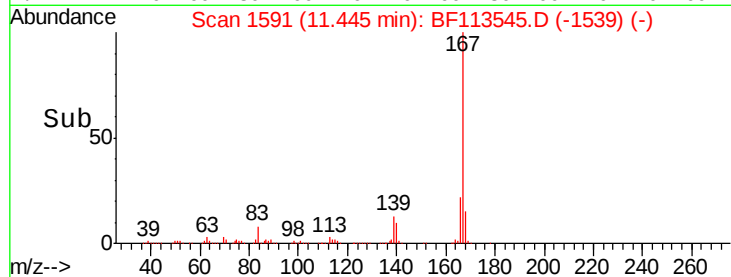
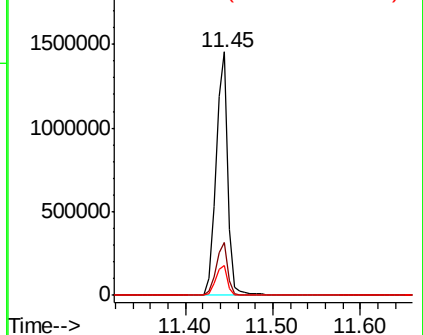
167 100

166 21.9 17.4 26.0

139 12.5 10.3 15.5



Abundance Ion 167.00 (166.70 to 167.70): E
2000000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 56.975 ng

RT: 11.77 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

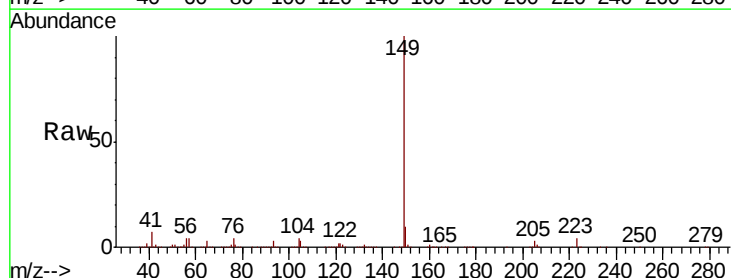
Tgt Ion:149 Resp: 1600586

Ion Ratio Lower Upper

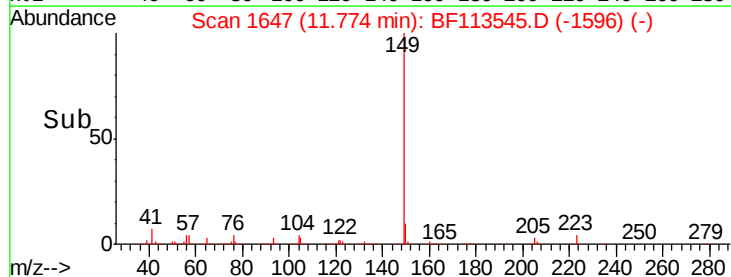
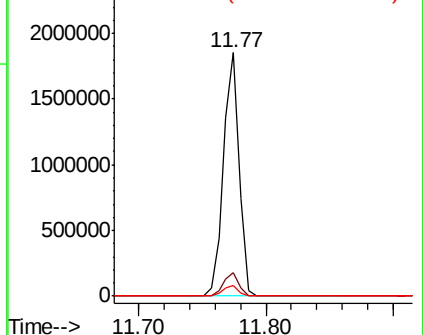
149 100

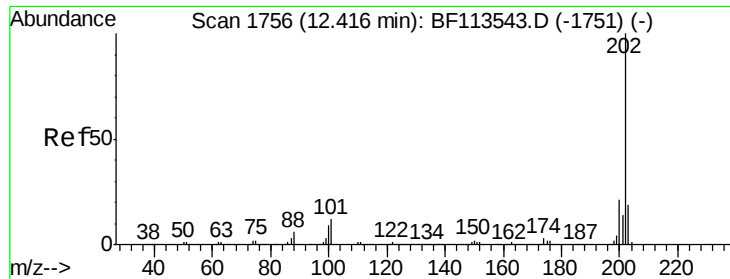
150 9.9 7.6 11.4

104 4.5 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
2500000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 52.912 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

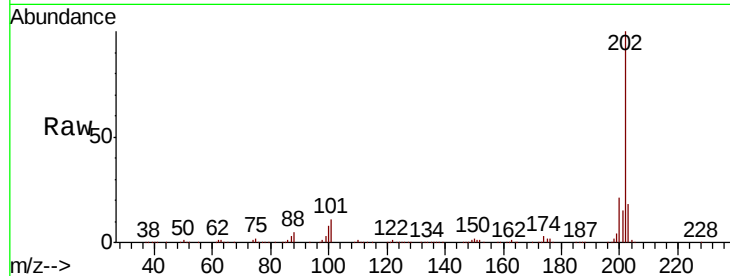
Tot Ion:202 Resp: 1495095

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.2

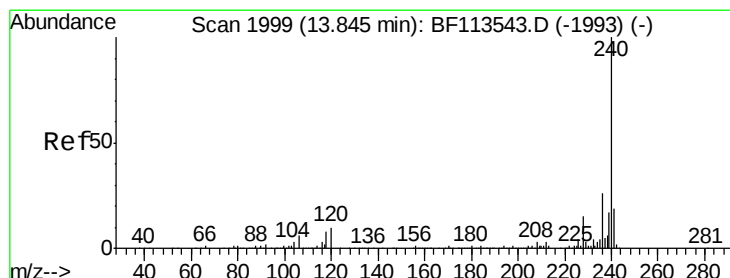
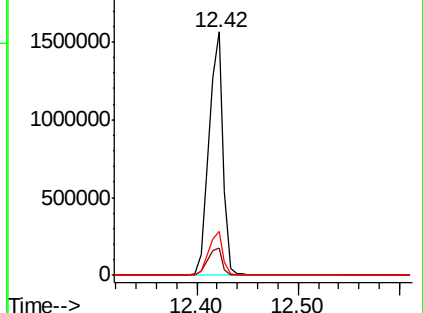
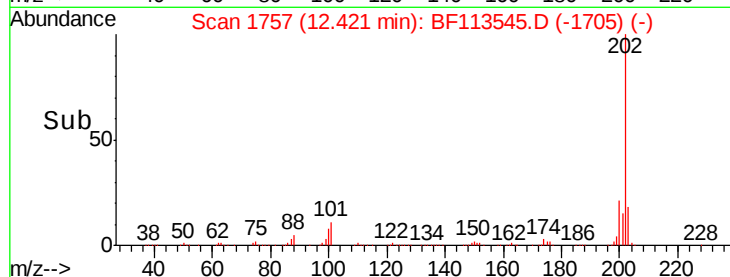
203 18.3 0.0 38.6



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: BF113545.D

Acq: 3 Apr 2019 13:26

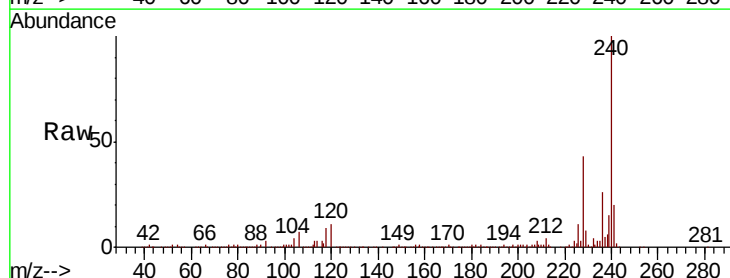
Tgt Ion:240 Resp: 331638

Ion Ratio Lower Upper

240 100

120 10.6 8.0 12.0

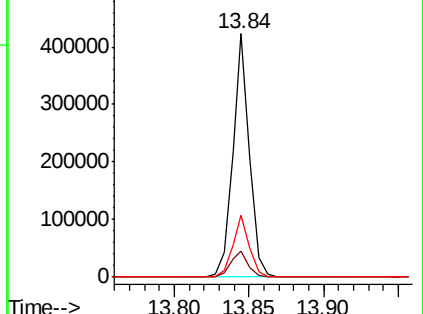
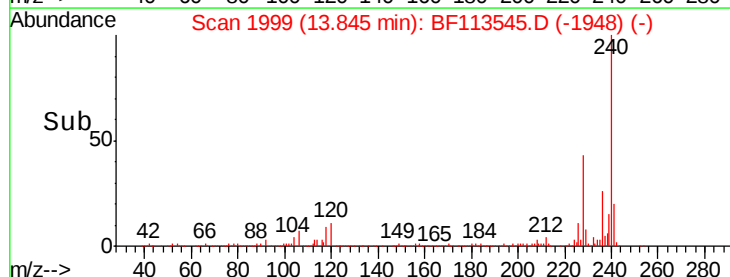
236 25.6 20.9 31.3

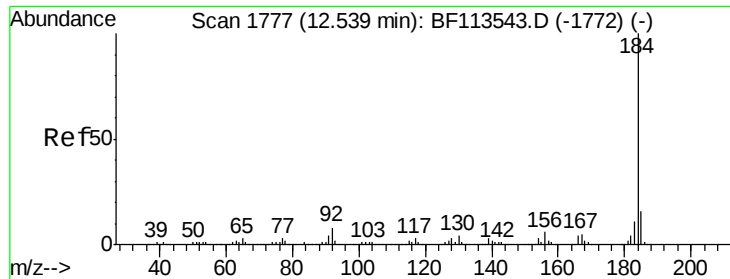


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

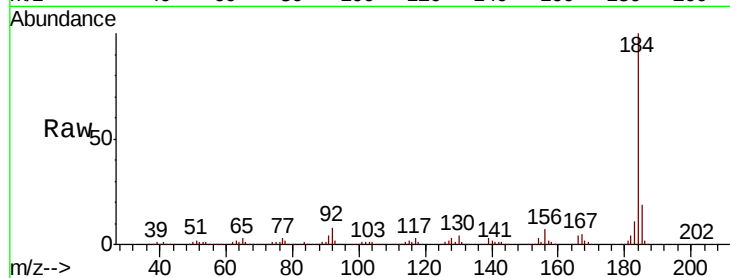




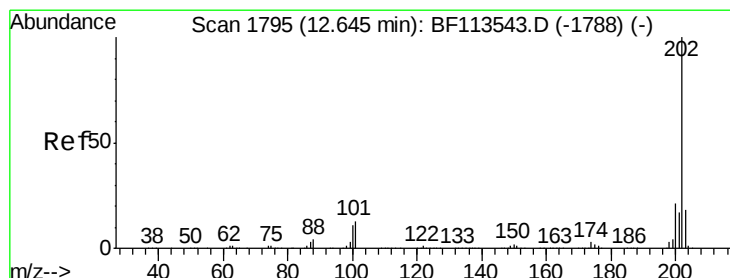
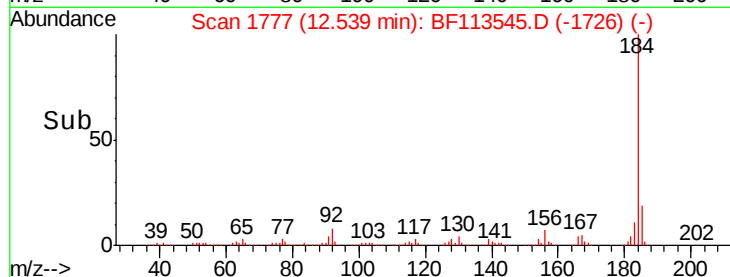
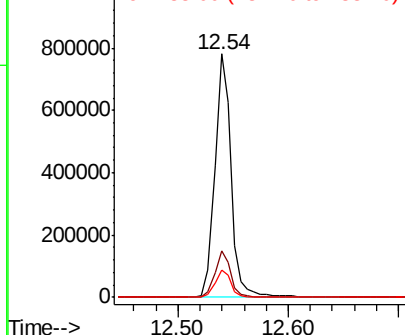
#77
Benzidine
Concen: 62.161 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 789444
Ion Ratio Lower Upper
184 100
185 19.3 13.0 19.6
183 11.1 8.7 13.1

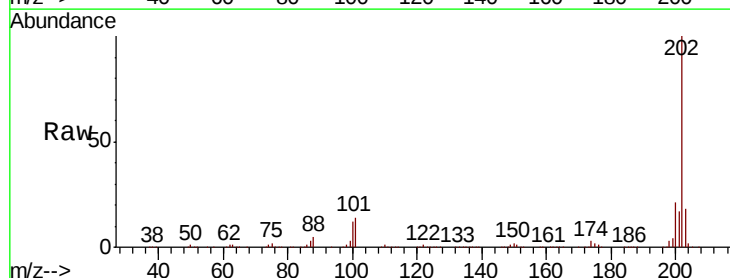


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

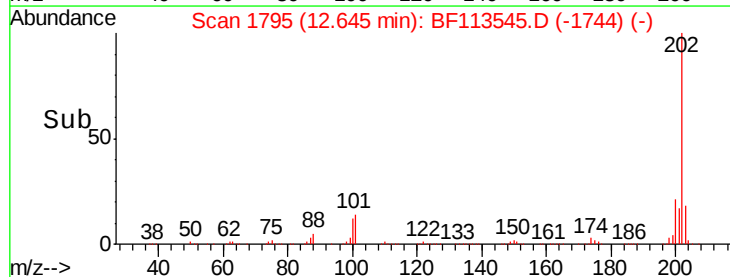
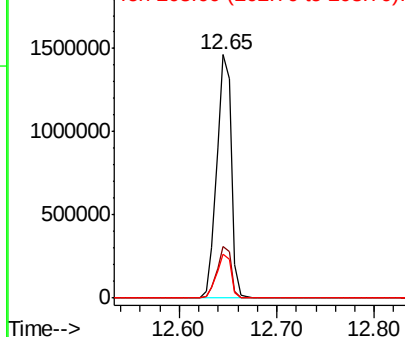


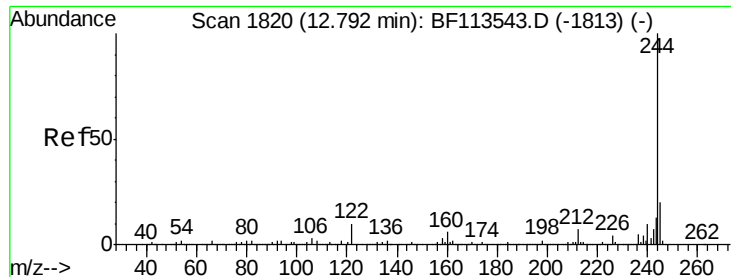
#78
Pyrene
Concen: 65.906 ng
RT: 12.65 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion:202 Resp: 1514621
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 18.2 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: 126.919 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

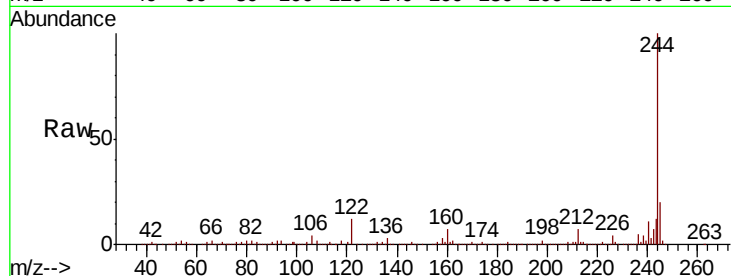
Tot Ion:244 Resp: 1909615

Ion Ratio Lower Upper

244 100

212 7.2 5.3 7.9

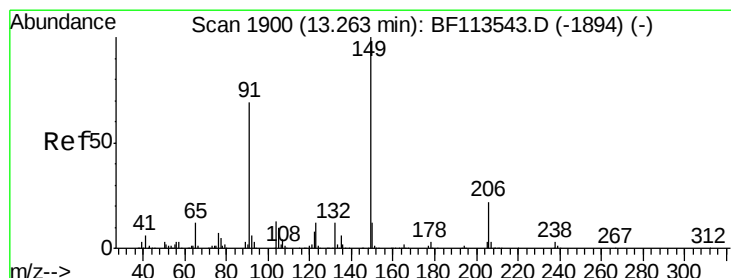
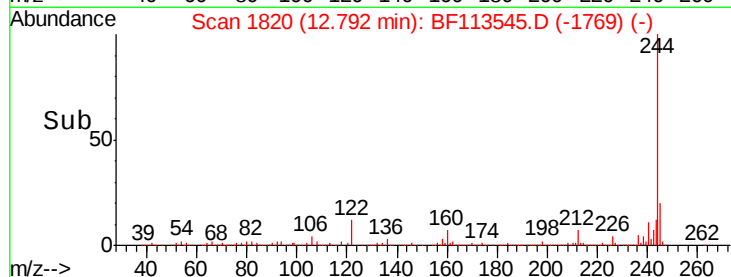
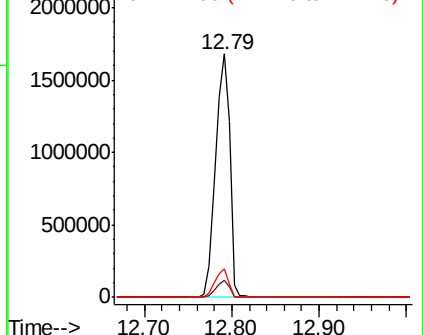
122 11.5 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 60.741 ng

RT: 13.26 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

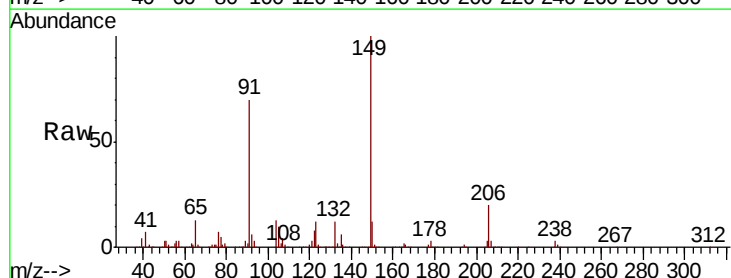
Tgt Ion:149 Resp: 615198

Ion Ratio Lower Upper

149 100

91 70.0 54.9 82.3

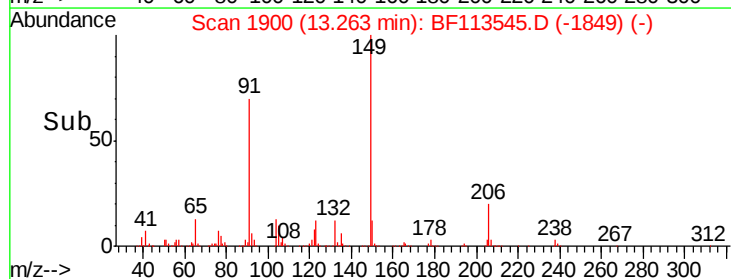
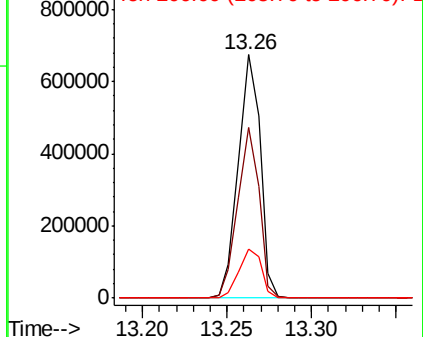
206 20.2 17.5 26.3

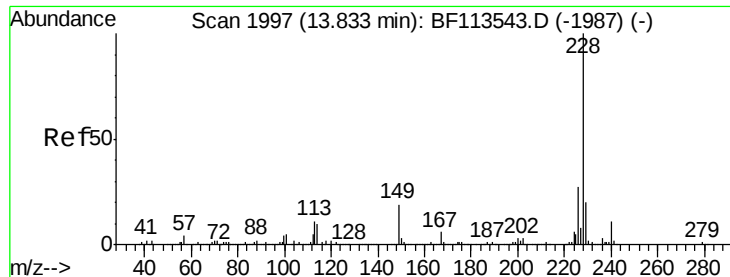


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 58.625 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Instrument :

BNA_F

ClientSampleId :

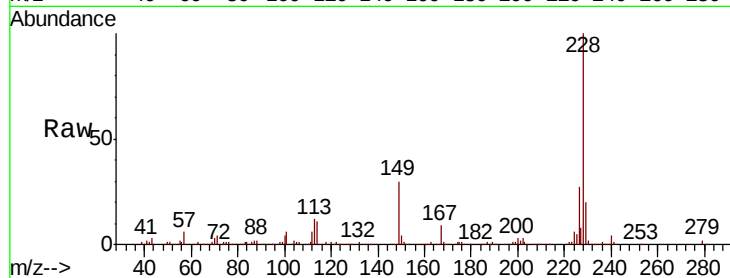
Tot Ion:228 Resp: 1112902

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.2	31.8
229	20.5	15.8	23.8

228 100

226 27.4 21.2 31.8

229 20.5 15.8 23.8

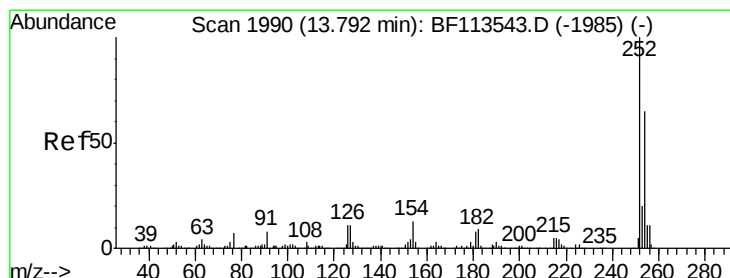
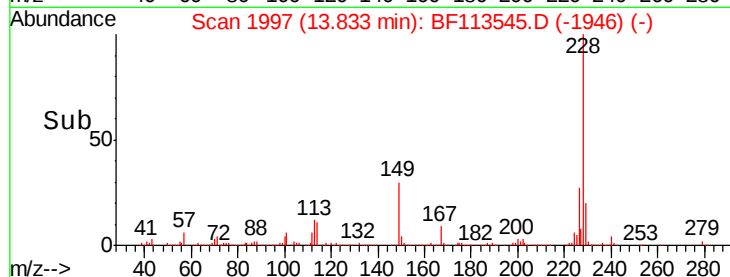
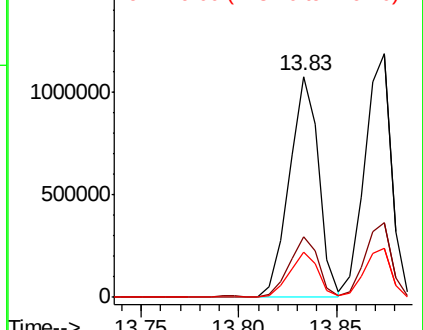


Abundance

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: 56.923 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

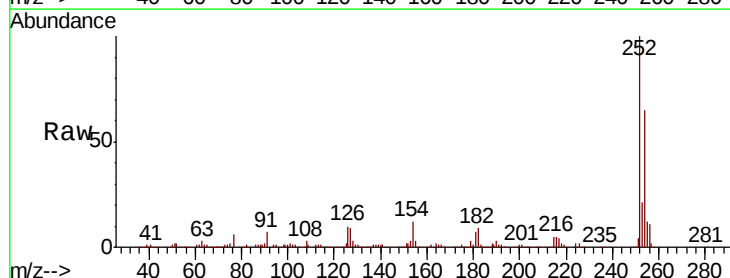
Tgt Ion:252 Resp: 433507

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	9.9	8.8	13.2

252 100

254 65.1 52.1 78.1

126 9.9 8.8 13.2

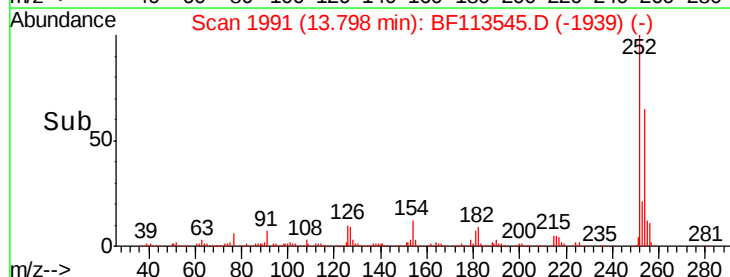
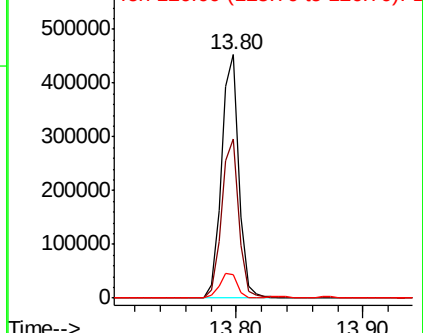


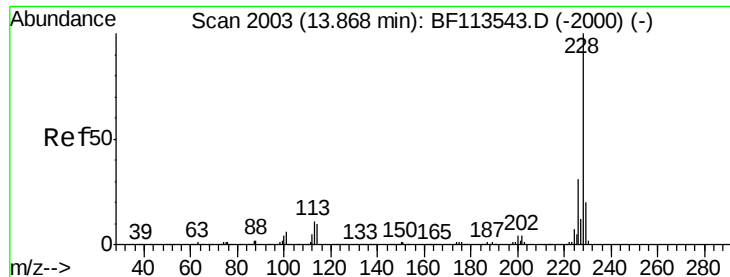
Abundance

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

Chrysene

Concen: 58.575 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

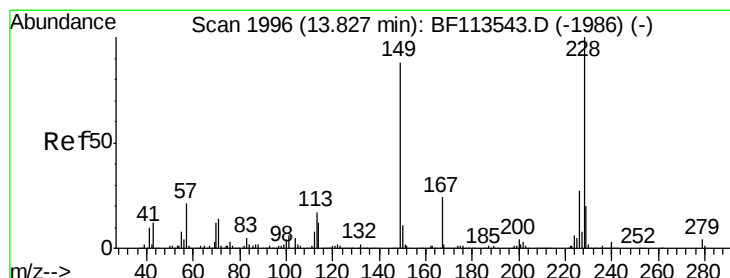
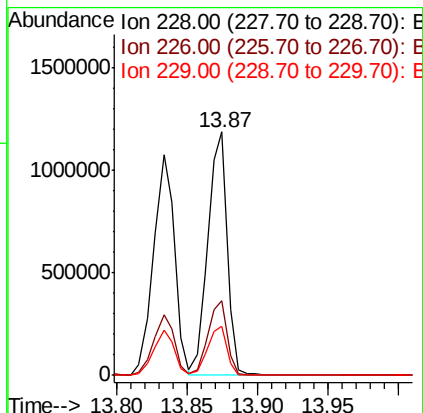
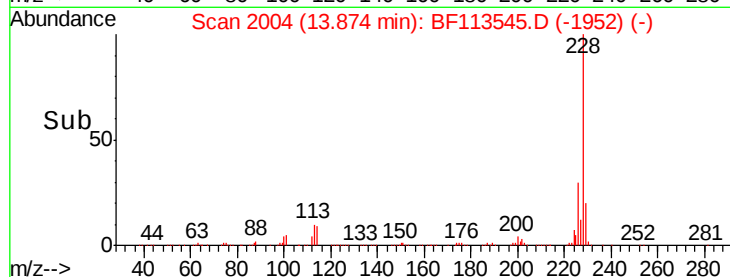
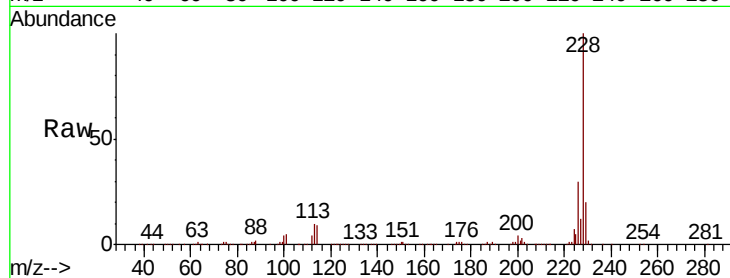
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1129447

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	20.1	16.3	24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.398 ng

RT: 13.83 min Scan# 1996

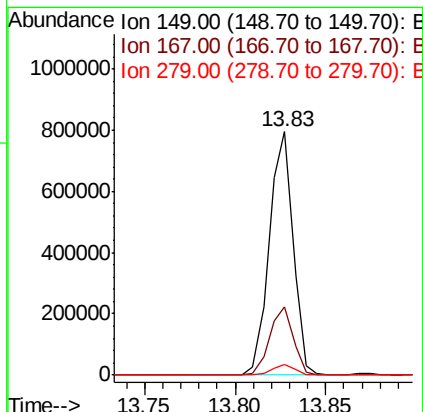
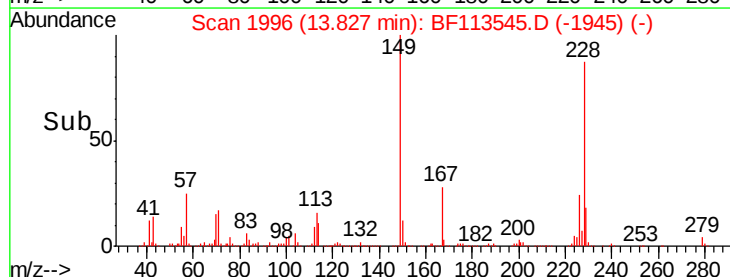
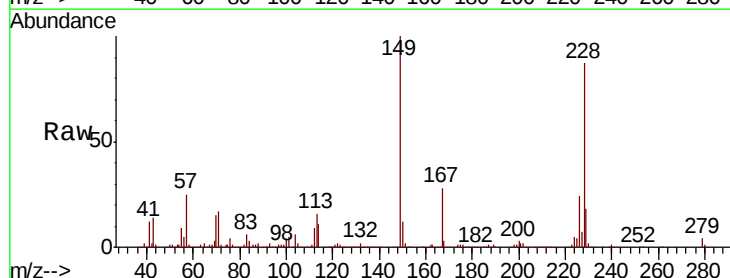
Delta R.T. 0.00 min

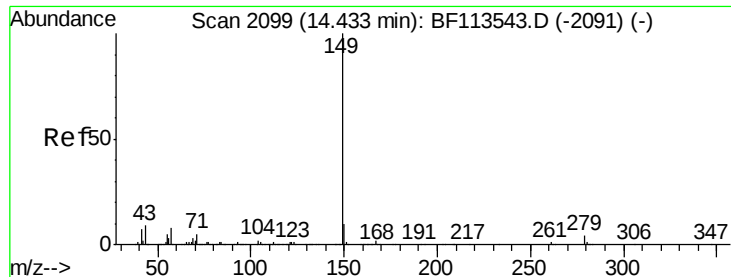
Lab File: BF113545.D

Acq: 3 Apr 2019 13:26

Tgt Ion:149 Resp: 725070

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	4.4	3.6	5.4

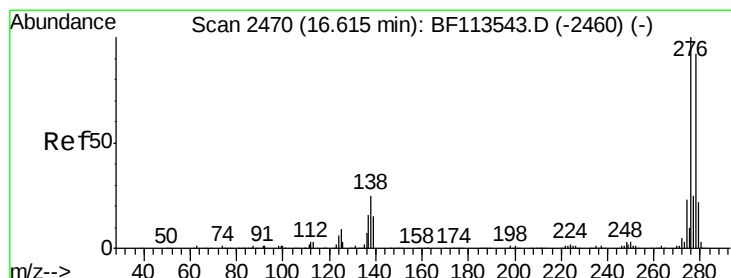
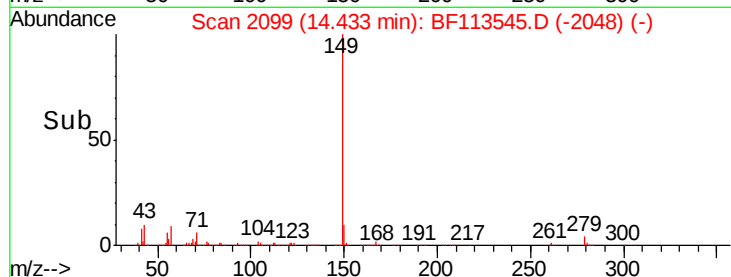
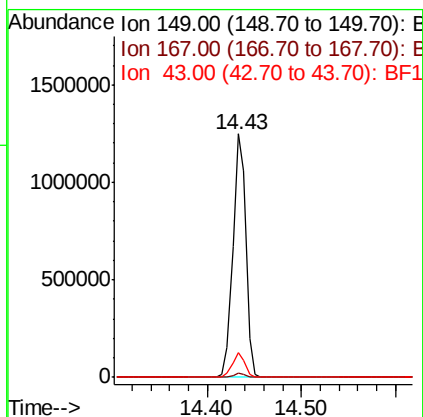
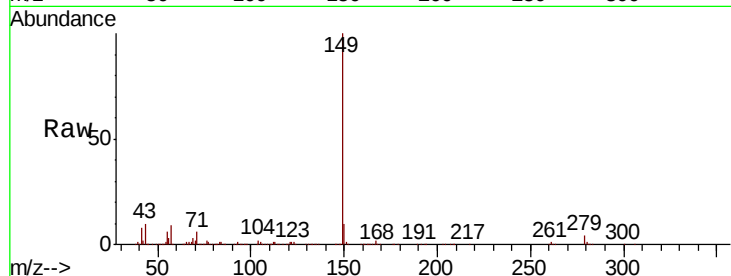




#85
Di-n-octyl phthalate
Concen: 56.603 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

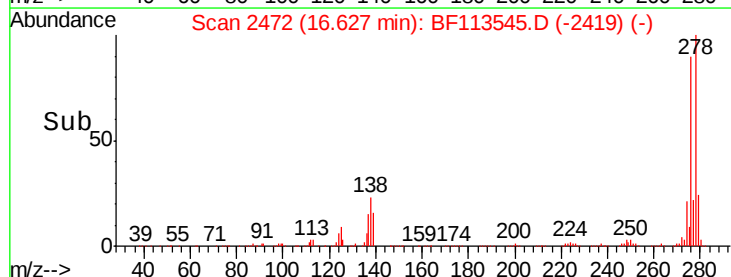
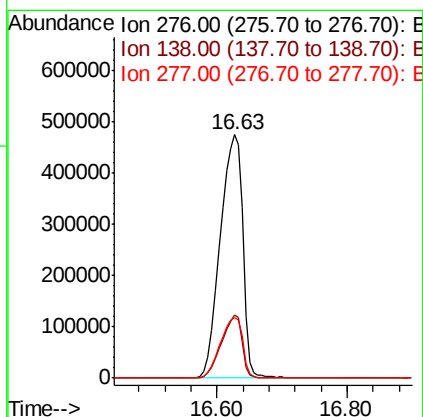
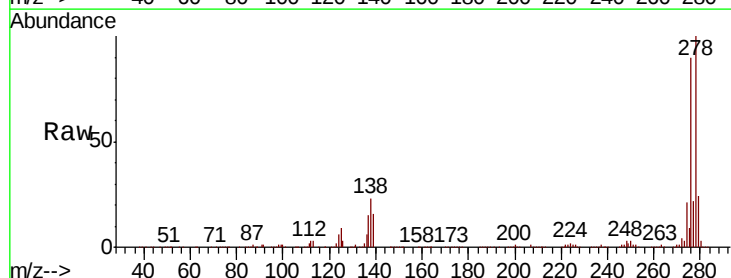
Instrument :
BNA_F
ClientSampleId :

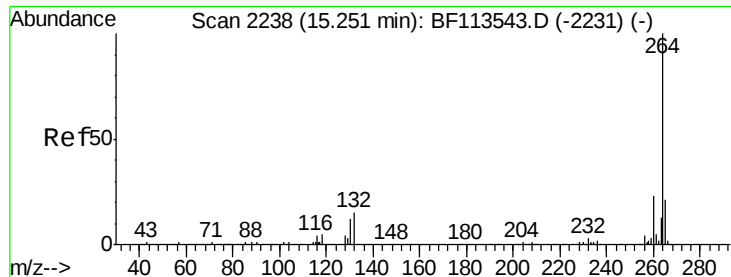
Tot Ion:149 Resp: 1192922
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 7.7 11.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 68.642 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion:276 Resp: 1135900
Ion Ratio Lower Upper
276 100
138 23.7 19.2 28.8
277 24.9 20.0 30.0



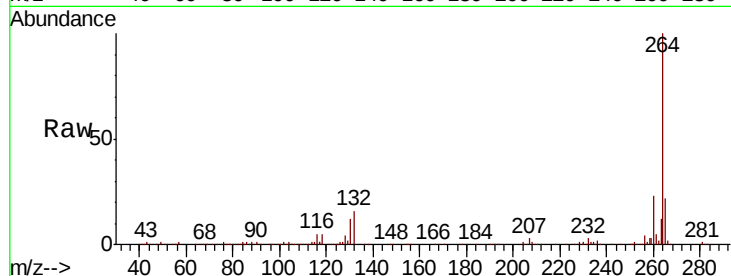


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

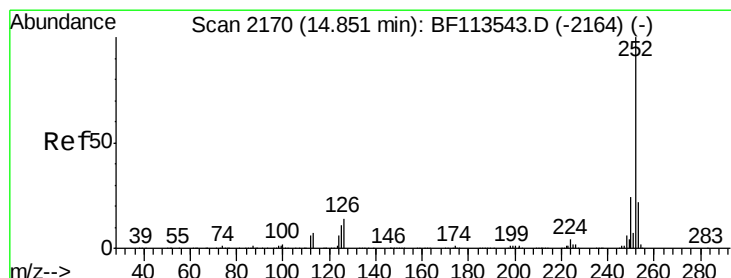
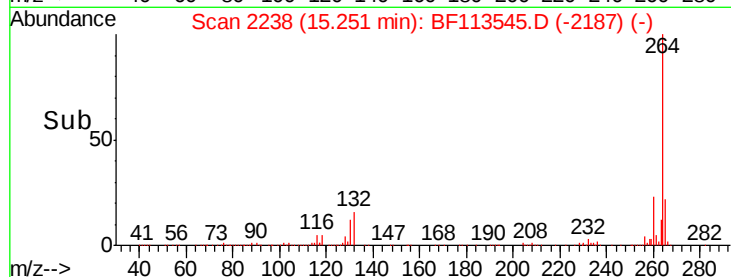
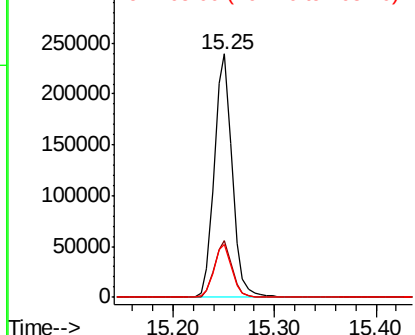
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 292805

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.6	16.6	24.8



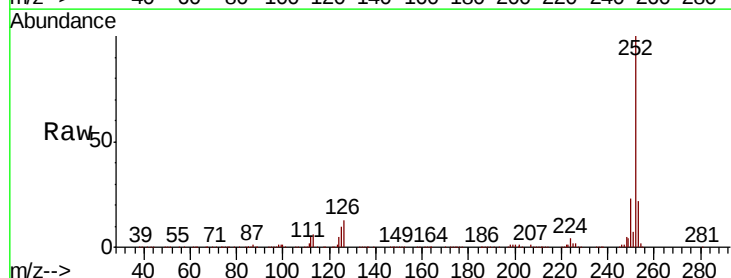
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



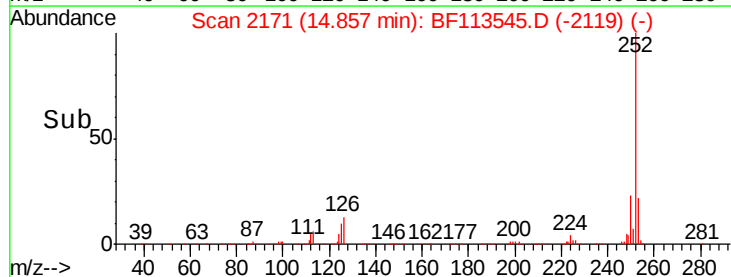
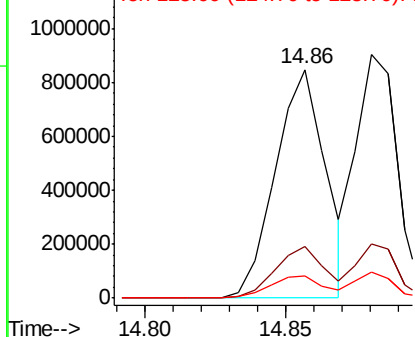
#88
Benzo(b)fluoranthene
Concen: 57.414 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

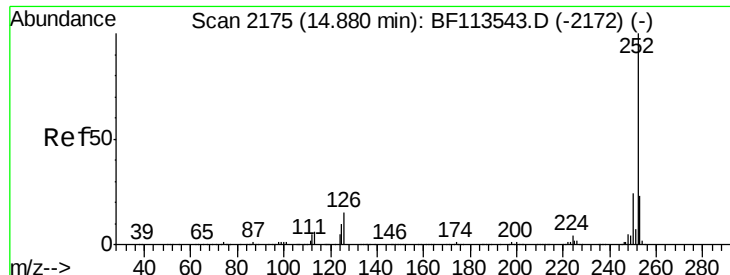
Tgt Ion:252 Resp: 1044298

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.8	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

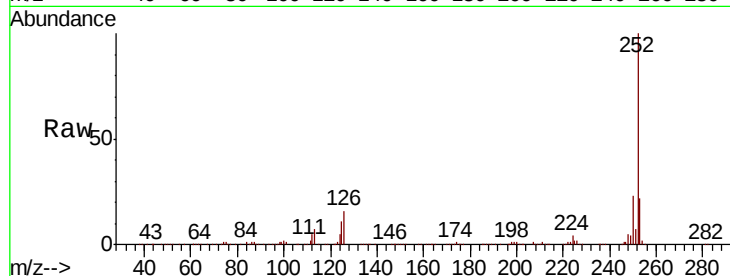




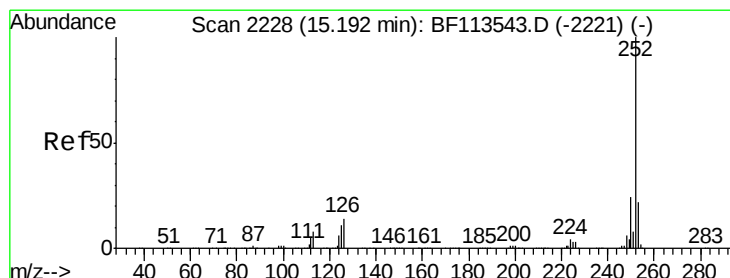
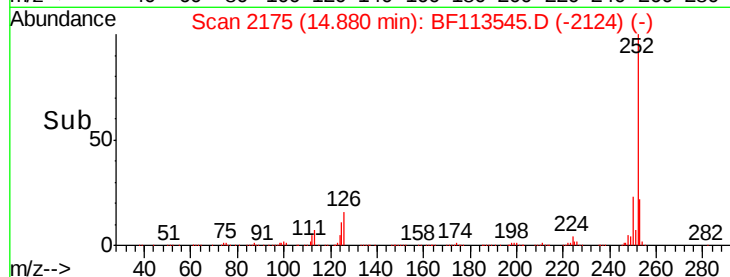
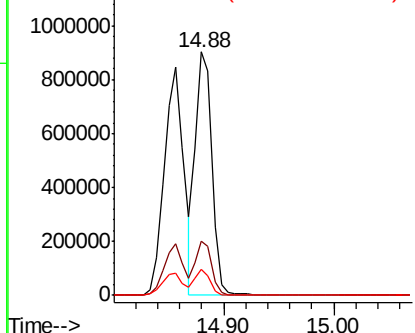
#89
Benzo(k)fluoranthene
Concen: 57.638 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 920667
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.7 7.7 11.5

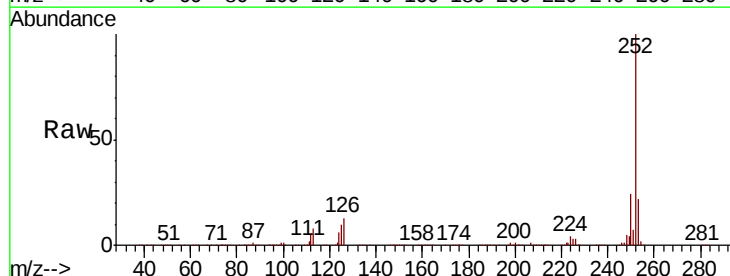


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

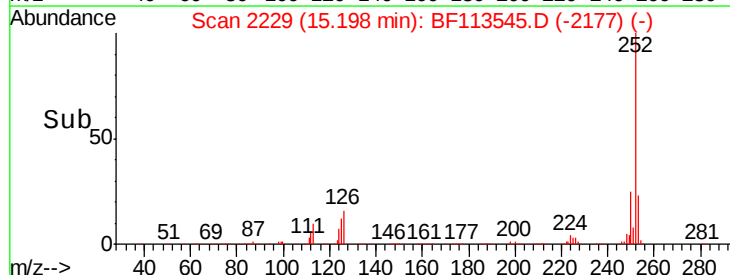
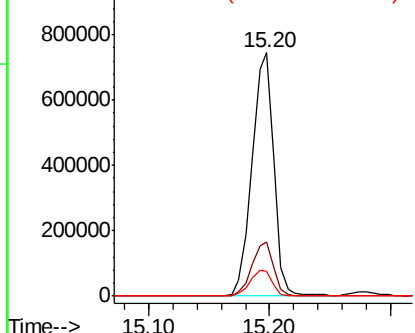


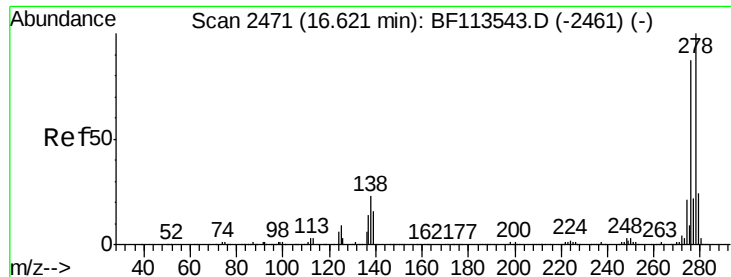
#90
Benzo(a)pyrene
Concen: 58.202 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion:252 Resp: 938516
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.4 9.0 13.6



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

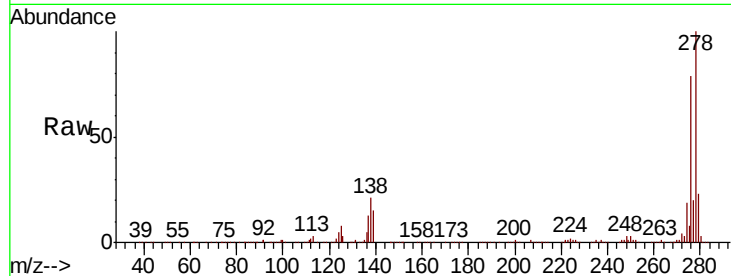




#91
Dibenzo(a,h)anthracene
Concen: 66.737 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.6	18.8
279	23.5	18.9	28.3

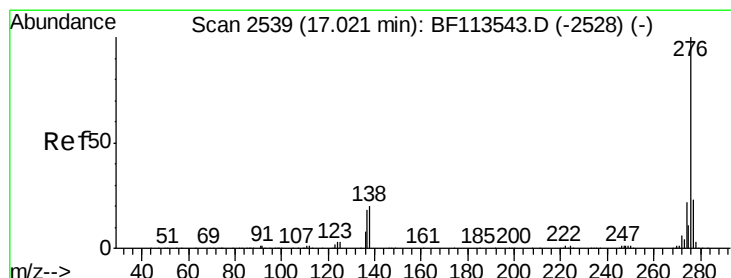
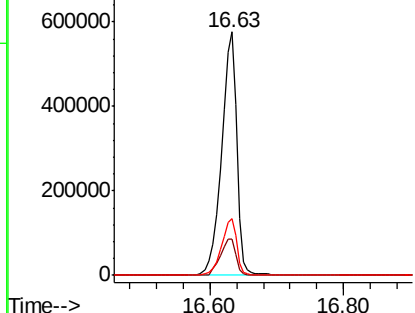
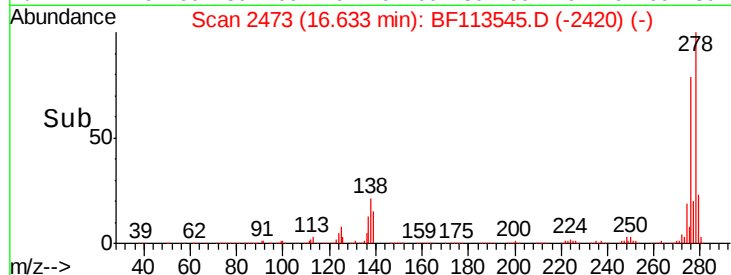


Abundance

Ion 278.00 (277.70 to 278.70): E

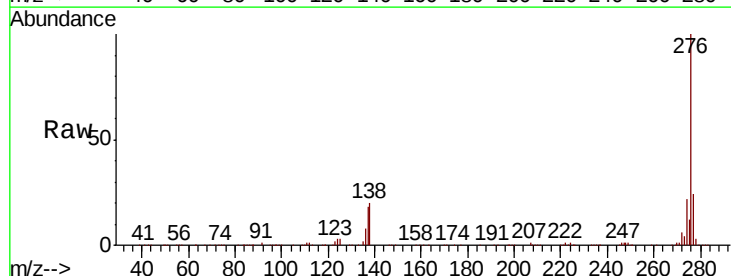
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 69.129 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF113545.D
Acq: 3 Apr 2019 13:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	20.4	16.2	24.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

