

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113543.D
 Acq On : 3 Apr 2019 12:28
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 14:15:30 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	143561	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	570064	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	278599	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	553483	20.00	ng	0.00
76) Chrysene-d12	13.84	240	401021	20.00	ng	0.00
87) Perylene-d12	15.25	264	321983	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	683594	77.86	ng	0.00
7) Phenol-d6	6.34	99	847226	76.28	ng	0.00
23) Nitrobenzene-d5	7.26	82	780454	81.26	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	278588	80.95	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1462889	77.00	ng	0.00
79) Terphenyl-d14	12.79	244	1564470	85.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	158912	35.673	ng	100
3) Pyridine	3.03	79	428758	39.043	ng	100
4) n-Nitrosodimethylamine	2.97	42	181060	37.088	ng	100
6) Aniline	6.35	93	532240	39.350	ng	100
8) 2-Chlorophenol	6.47	128	397813	39.018	ng	100
9) Benzaldehyde	6.23	77	266912	35.812	ng	100
10) Phenol	6.35	94	482599	38.059	ng	100
11) bis(2-Chloroethyl)ether	6.43	93	374638	38.544	ng	100
12) 1,3-Dichlorobenzene	6.63	146	427142	38.866	ng	100
13) 1,4-Dichlorobenzene	6.70	146	432568	40.764	ng	100
14) 1,2-Dichlorobenzene	6.86	146	394464	37.786	ng	100
15) Benzyl Alcohol	6.83	79	299813	40.917	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	592085	40.549	ng	100
17) 2-Methylphenol	6.96	107	307567	38.493	ng	100
18) Hexachloroethane	7.19	117	157742	41.387	ng	100
19) n-Nitroso-di-n-propylamine	7.11	70	263447	37.761	ng	100
20) 3+4-Methylphenols	7.11	107	380309	38.006	ng	100
22) Acetophenone	7.10	105	501845	38.602	ng	100
24) Nitrobenzene	7.27	77	405192	40.429	ng	100
25) Isophorone	7.52	82	745106	40.031	ng	100
26) 2-Nitrophenol	7.59	139	217907	41.133	ng	100
27) 2,4-Dimethylphenol	7.63	122	308632	40.500	ng	100
28) bis(2-Chloroethoxy)methane	7.72	93	478391	40.814	ng	100
29) 2,4-Dichlorophenol	7.84	162	334392	40.492	ng	100
30) 1,2,4-Trichlorobenzene	7.92	180	361974	40.627	ng	100
31) Naphthalene	7.99	128	1120281	40.214	ng	100
32) Benzoic acid	7.79	122	214145	34.910	ng	100
33) 4-Chloroaniline	8.05	127	456886	42.059	ng	100
34) Hexachlorobutadiene	8.11	225	221289	41.788	ng	100
35) Caprolactam	8.43	113	109226	41.211	ng	100
36) 4-Chloro-3-methylphenol	8.54	107	338647	40.770	ng	100
37) 2-Methylnaphthalene	8.68	142	735600	42.319	ng	100
38) 1-Methylnaphthalene	8.78	142	713320	42.664	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	361606	40.435	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113543.D
 Acq On : 3 Apr 2019 12:28
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 14:15:30 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

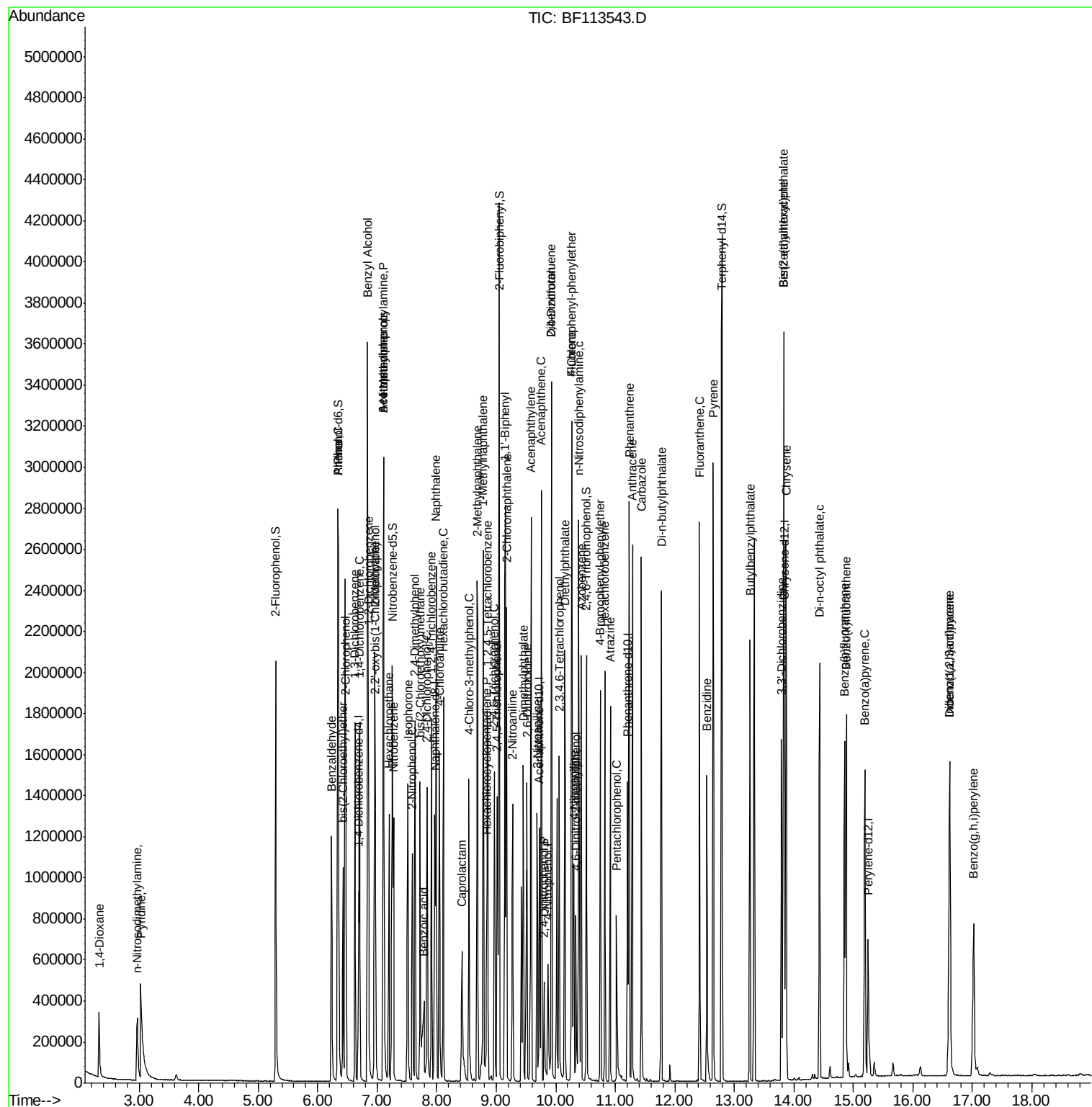
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	96000	25.361	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	228669	39.266	ng	100
44) 2,4,5-Trichlorophenol	9.02	196	245946	38.161	ng	100
46) 1,1'-Biphenyl	9.15	154	925146	39.760	ng	100
47) 2-Chloronaphthalene	9.17	162	697205	38.916	ng	100
48) 2-Nitroaniline	9.27	65	214488	38.150	ng	100
49) Acenaphthylene	9.59	152	1155487	39.889	ng	100
50) Dimethylphthalate	9.45	163	824228	39.921	ng	100
51) 2,6-Dinitrotoluene	9.52	165	185071	39.734	ng	100
52) Acenaphthene	9.76	154	649940	39.841	ng	100
53) 3-Nitroaniline	9.69	138	208493	39.693	ng	100
54) 2,4-Dinitrophenol	9.80	184	90443	39.041	ng	100
55) Dibenzofuran	9.93	168	966785	39.421	ng	100
56) 4-Nitrophenol	9.87	139	130801	34.929	ng	100
57) 2,4-Dinitrotoluene	9.93	165	225370	38.048	ng	100
58) Fluorene	10.27	166	758054	39.789	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	215297	39.503	ng	100
60) Diethylphthalate	10.15	149	809291	39.957	ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	377517	40.657	ng	100
62) 4-Nitroaniline	10.30	138	213331	39.447	ng	100
63) Azobenzene	10.43	77	763136	40.027	ng	100
65) 4,6-Dinitro-2-methylphenol	10.34	198	116313	38.415	ng	100
66) n-Nitrosodiphenylamine	10.39	169	681323	40.116	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	251758	41.734	ng	100
68) Hexachlorobenzene	10.83	284	288271	41.169	ng	100
69) Atrazine	10.92	200	217715	40.613	ng	100
70) Pentachlorophenol	11.03	266	133668	36.640	ng	100
71) Phenanthrene	11.23	178	1119800	40.741	ng	100
72) Anthracene	11.29	178	1135666	40.678	ng	100
73) Carbazole	11.44	167	1065302	39.988	ng	100
74) Di-n-butylphthalate	11.77	149	1284614	41.582	ng	100
75) Fluoranthene	12.42	202	1213779	39.063	ng	100
77) Benzidine	12.54	184	590597	38.458	ng	100
78) Pyrene	12.64	202	1212967	43.649	ng	100
80) Butylbenzylphthalate	13.26	149	503892	41.144	ng	100
81) Benzo(a)anthracene	13.83	228	939194	40.914	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	368417	40.007	ng	100
83) Chrysene	13.87	228	935729	40.132	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	609522	40.598	ng	100
85) Di-n-octyl phthalate	14.43	149	973855	38.213	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	752910	37.626	ng	100
88) Benzo(b)fluoranthene	14.85	252	777692	38.882	ng	100
89) Benzo(k)fluoranthene	14.88	252	755108	42.989	ng	100
90) Benzo(a)pyrene	15.19	252	701324	39.551	ng	100
91) Dibenzo(a,h)anthracene	16.62	278	624925	40.759	ng	100
92) Benzo(g,h,i)perylene	17.02	276	628280	40.641	ng	100

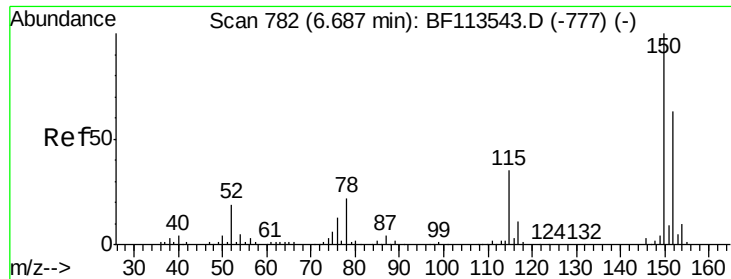
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
Data File : BF113543.D
Acq On : 3 Apr 2019 12:28
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Apr 03 14:15:30 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



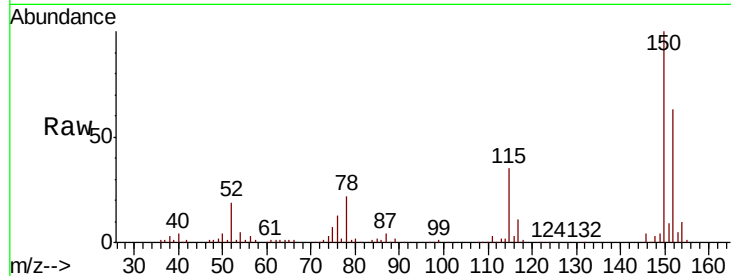


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.7	190.1
115	55.2	44.2	66.2

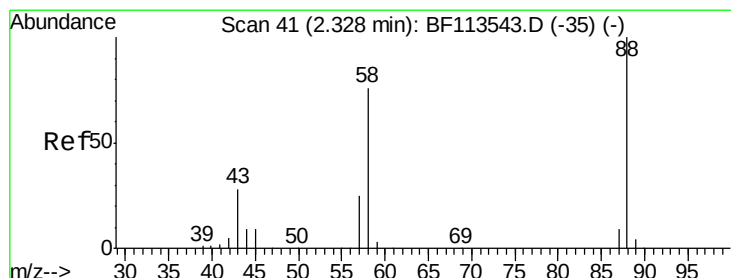
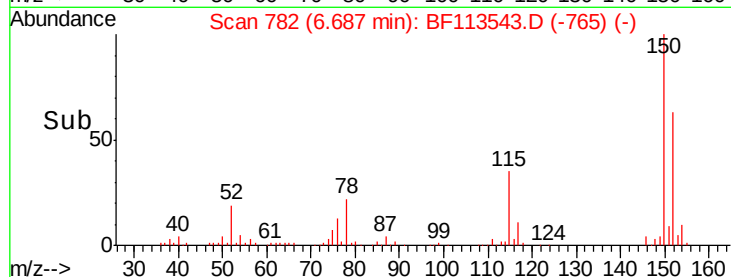
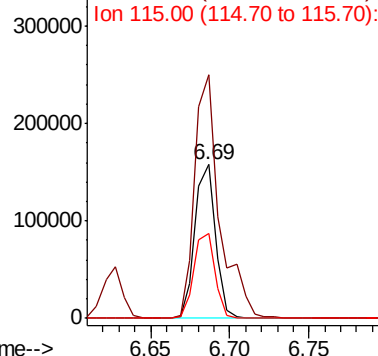


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

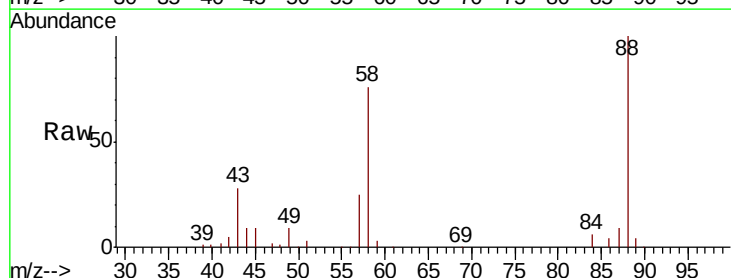
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.673 ng
RT: 2.33 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.6	62.9	94.3
43	29.2	23.4	35.0

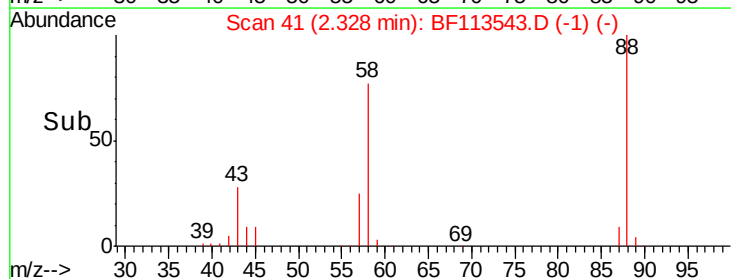
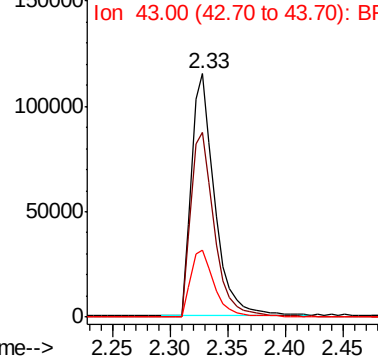


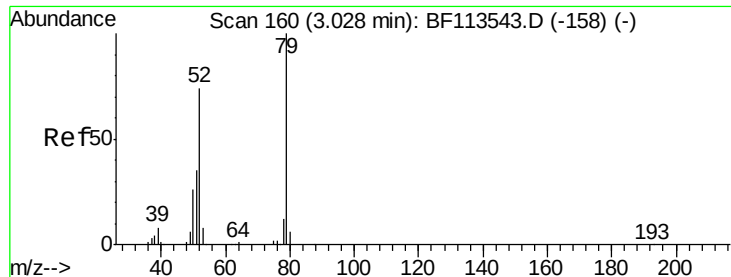
Abundance

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

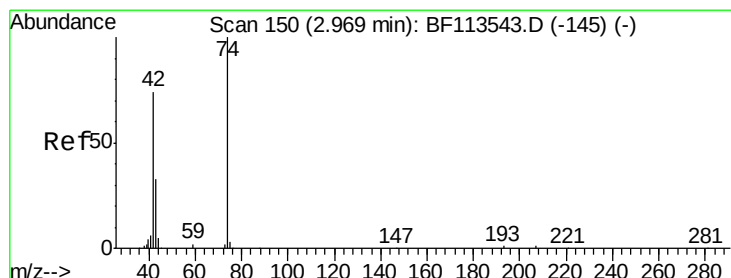
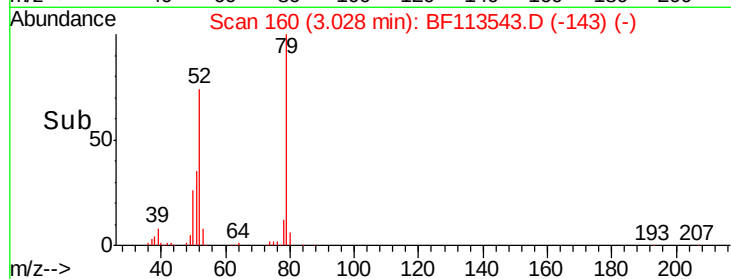
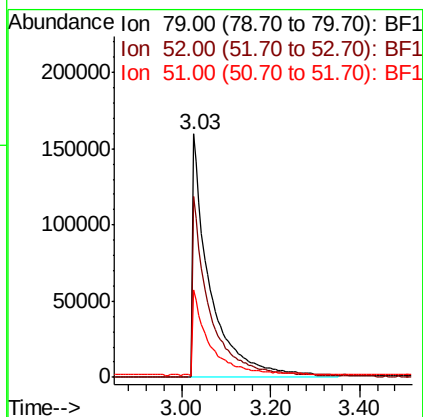
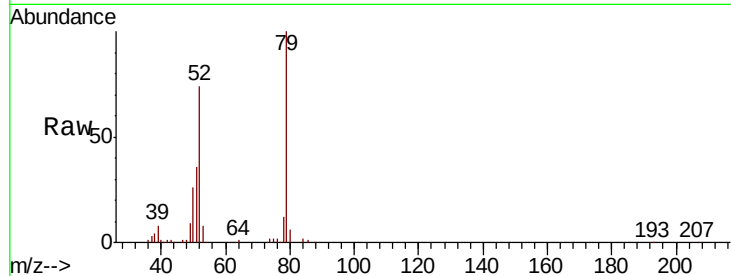




#3
 Pvridine
 Concen: 39.043 ng
 RT: 3.03 min Scan# 160
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

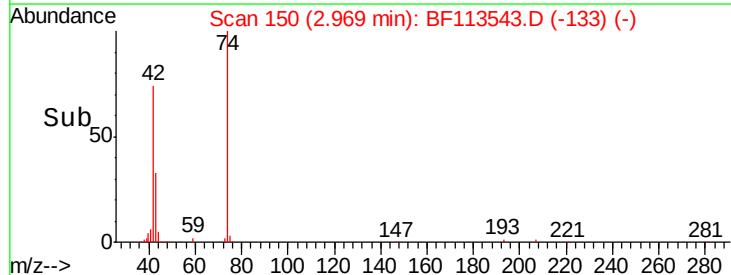
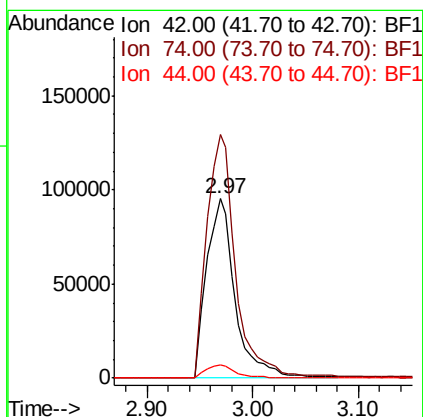
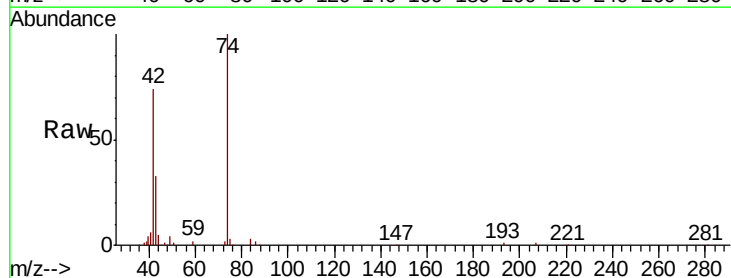
Instrument :
 BNA_F
 ClientSampleId :

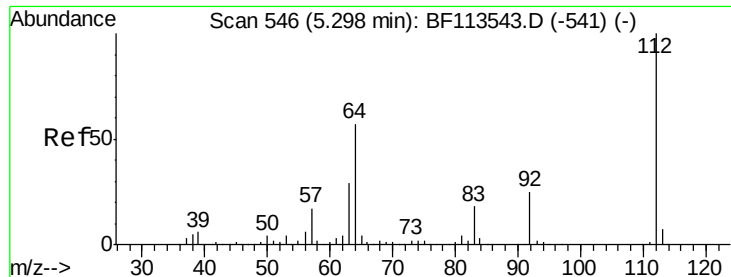
Tot Ion: 79 Resp: 428758
 Ion Ratio Lower Upper
 79 100
 52 74.4 59.5 89.3
 51 36.0 28.8 43.2



#4
 n-Nitrosodimethylamine
 Concen: 37.088 ng
 RT: 2.97 min Scan# 150
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion: 42 Resp: 181060
 Ion Ratio Lower Upper
 42 100
 74 135.7 108.6 162.8
 44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 77.859 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampled :

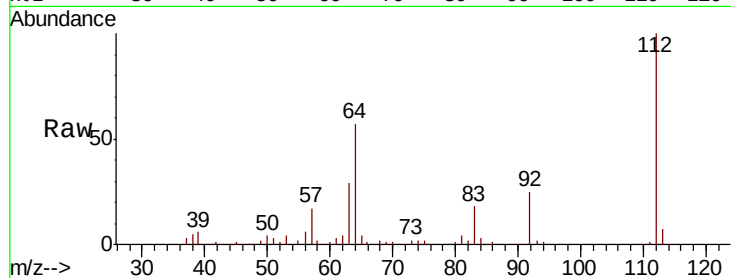
Tot Ion:112 Resp: 683594

Ion Ratio Lower Upper

112 100

64 57.2 45.8 68.6

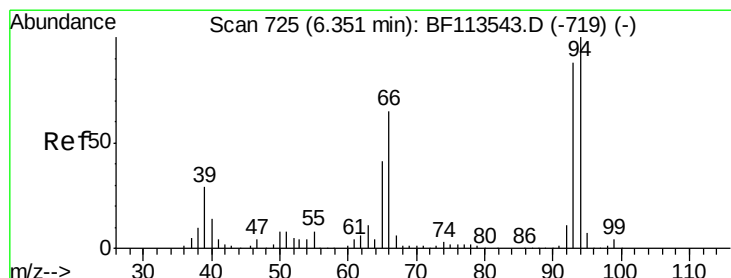
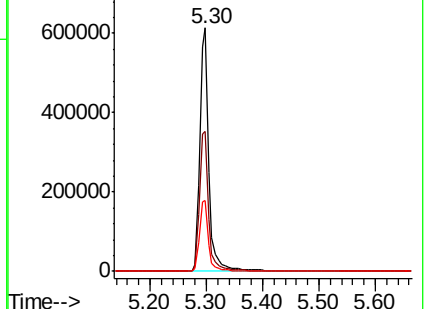
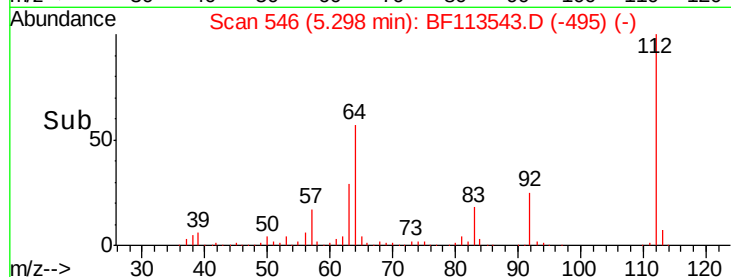
63 28.9 23.1 34.7



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: 39.350 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

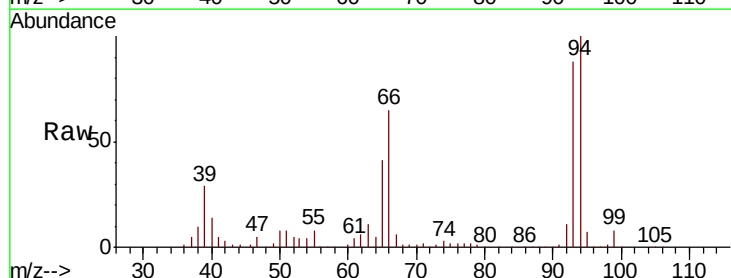
Tgt Ion: 93 Resp: 532240

Ion Ratio Lower Upper

93 100

66 73.7 59.0 88.4

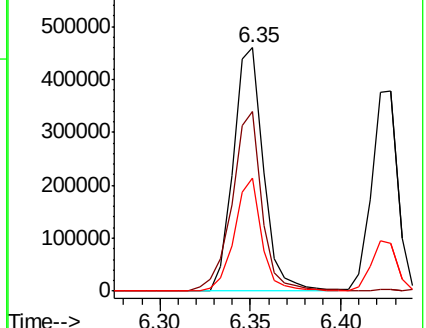
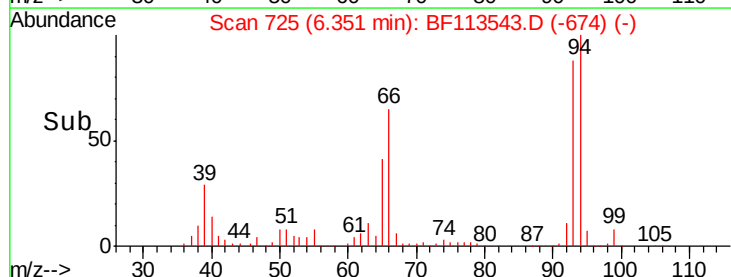
65 46.7 37.4 56.0

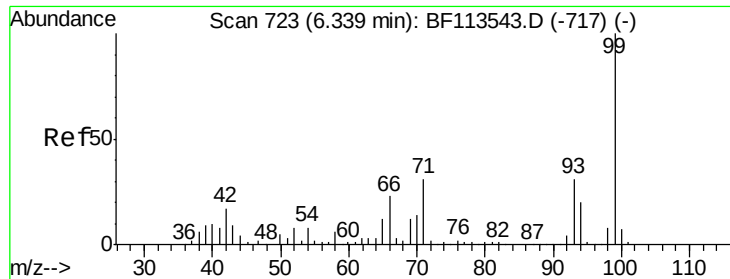


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.279 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampled :

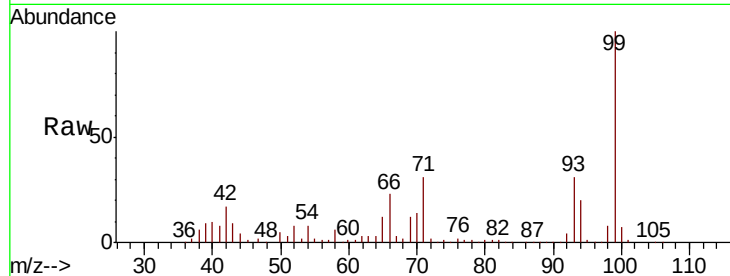
Tot Ion: 99 Resp: 847226

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

71 30.5 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

800000

600000

400000

200000

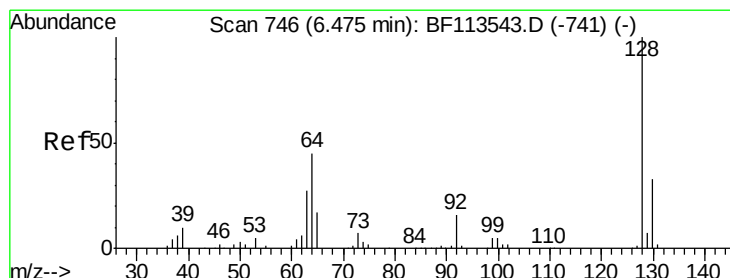
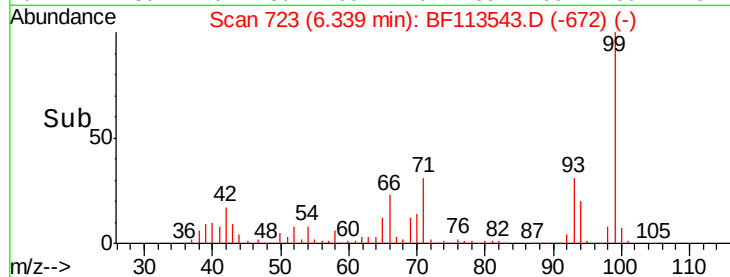
0

6.34

6.30

6.40

Time-->



#8

2-Chlorophenol

Concen: 39.018 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

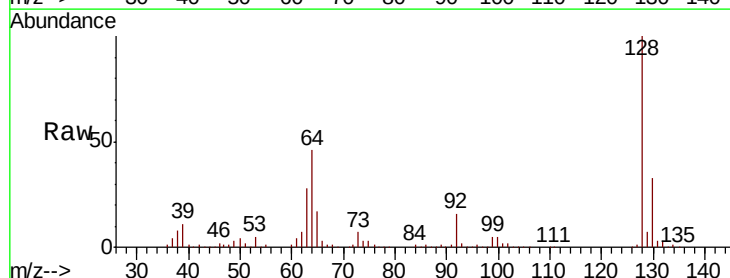
Tgt Ion: 128 Resp: 397813

Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 45.8 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

600000

500000

400000

300000

200000

100000

0

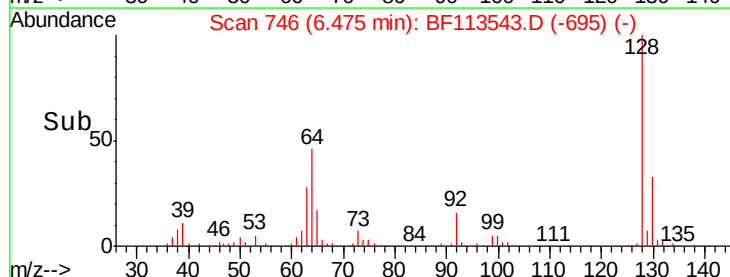
6.47

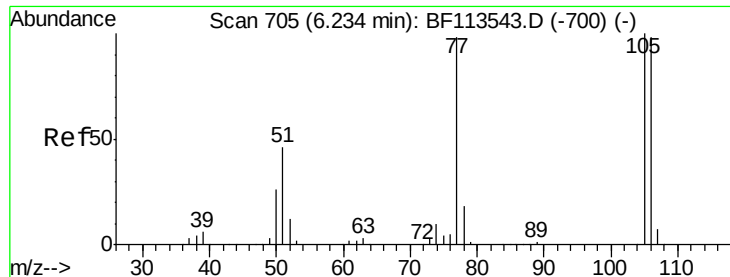
6.40

6.50

6.60

Time-->





#9

Benzaldehyde

Concen: 35.812 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

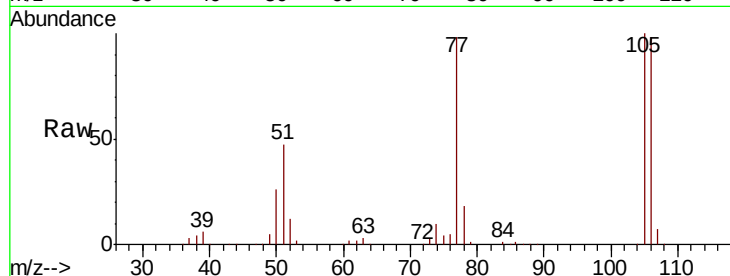
Tot Ion: 77 Resp: 266912

Ion Ratio Lower Upper

77 100

105 102.2 82.2 122.2

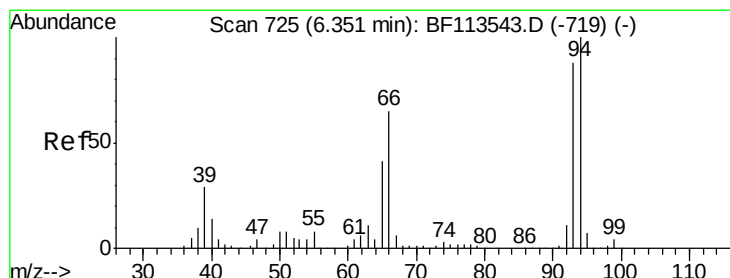
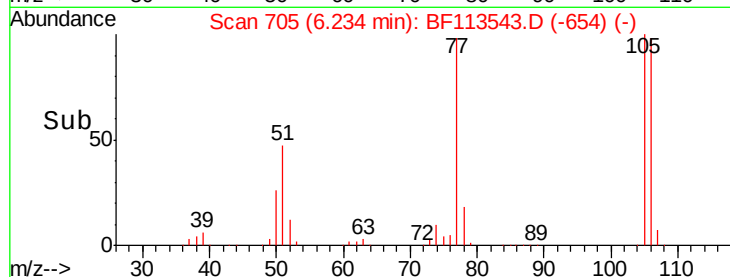
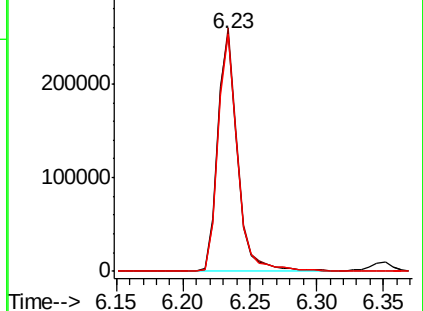
106 99.8 79.8 119.8



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: 38.059 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

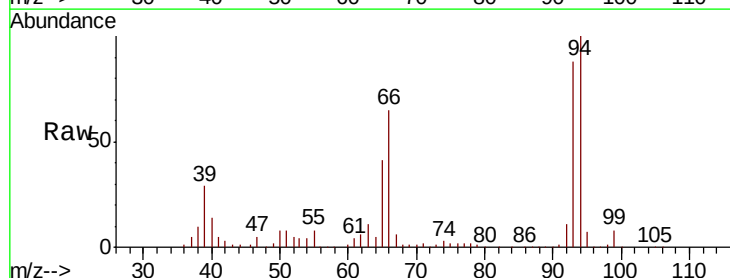
Tgt Ion: 94 Resp: 482599

Ion Ratio Lower Upper

94 100

65 41.1 21.1 61.1

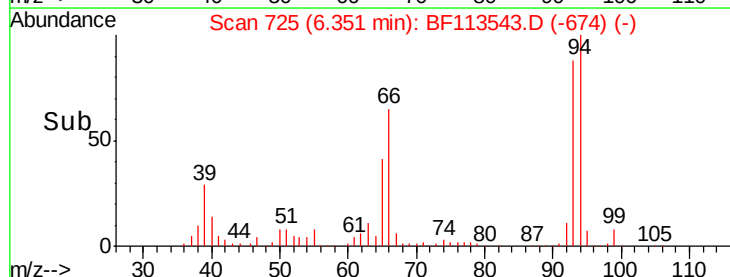
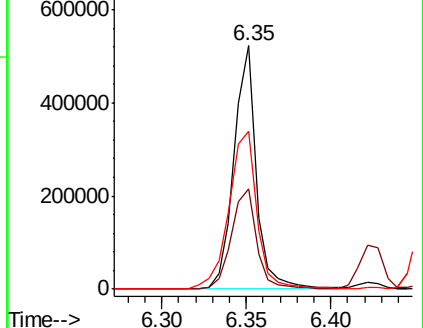
66 64.9 44.9 84.9

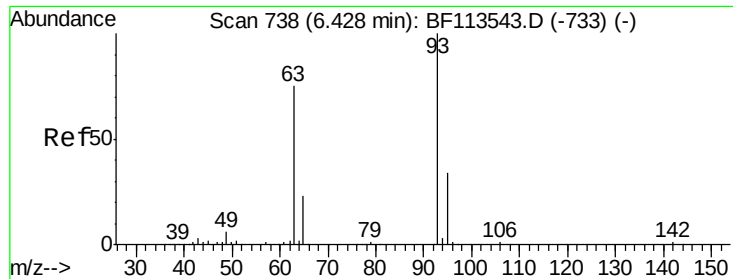


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.544 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

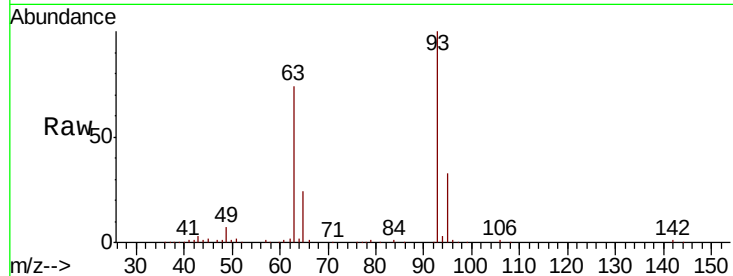
Tot Ion: 93 Resp: 374638

Ion Ratio Lower Upper

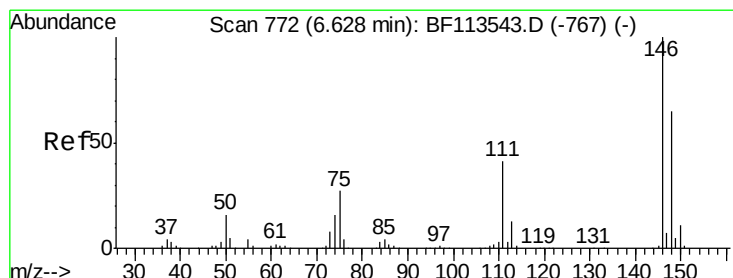
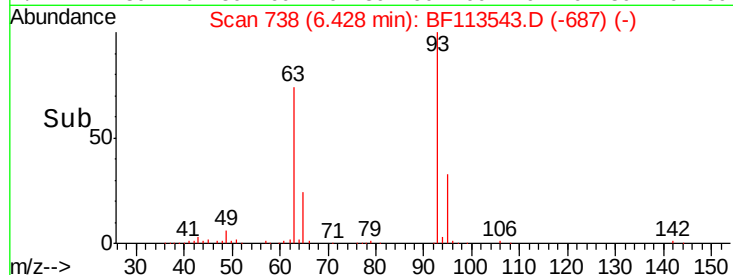
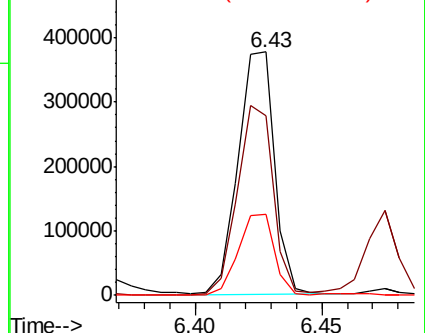
93 100

63 73.9 53.9 93.9

95 33.3 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: 38.866 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

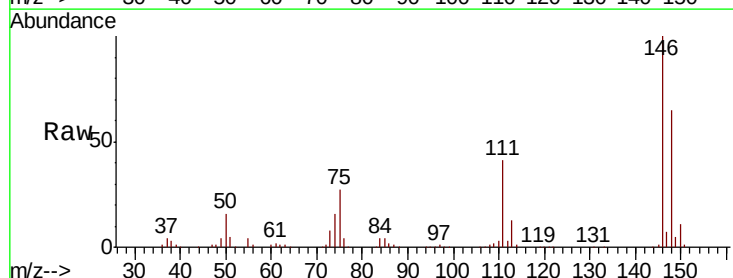
Tgt Ion: 146 Resp: 427142

Ion Ratio Lower Upper

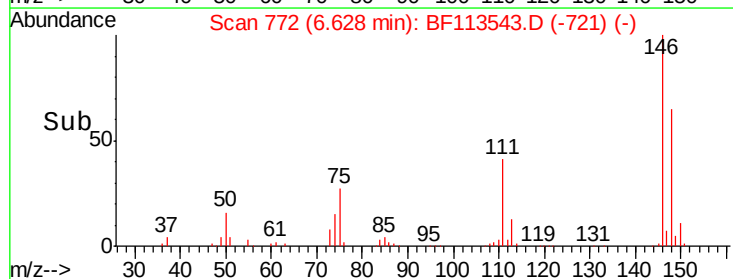
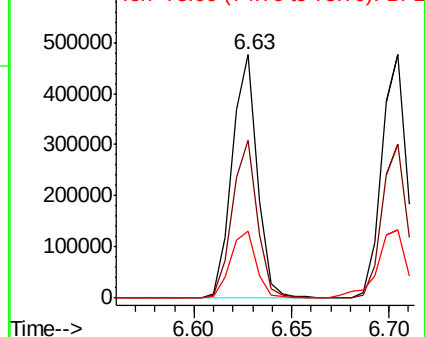
146 100

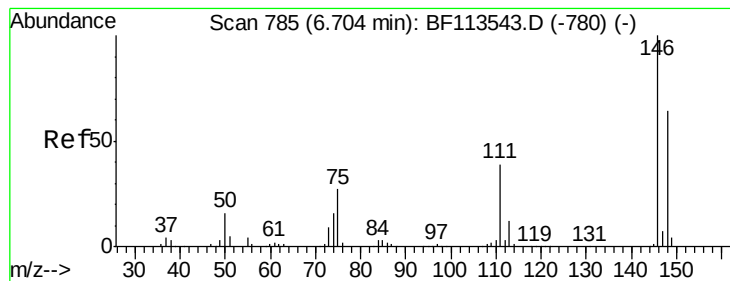
148 64.7 51.8 77.6

75 27.5 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: 40.764 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

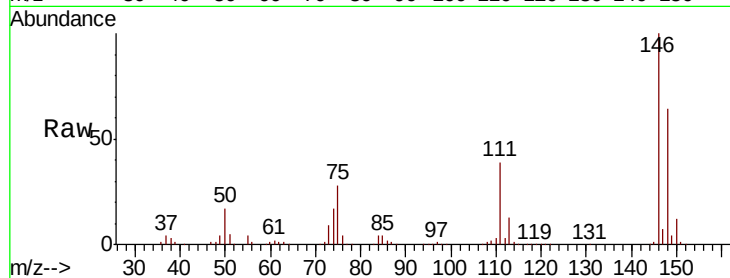
Tot Ion:146 Resp: 432568

Ion Ratio Lower Upper

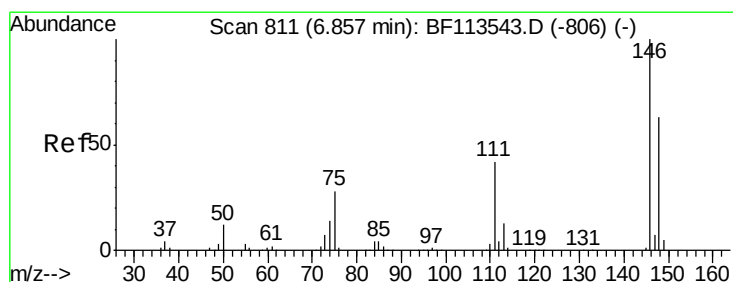
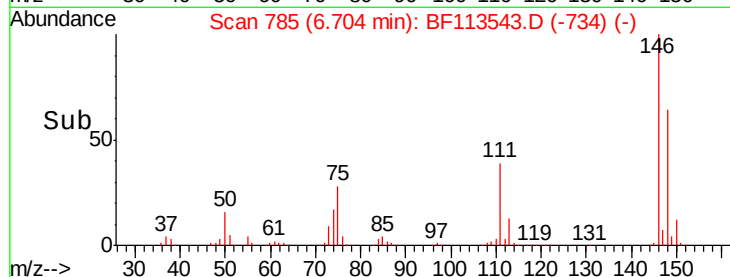
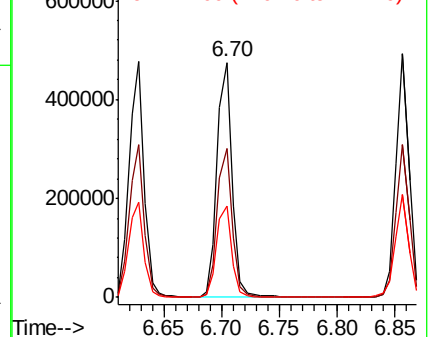
146 100

148 63.6 50.9 76.3

111 38.8 31.0 46.6



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



#14

1,2-Dichlorobenzene

Concen: 37.786 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

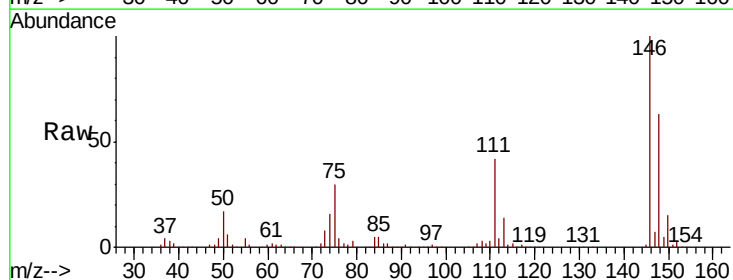
Tgt Ion:146 Resp: 394464

Ion Ratio Lower Upper

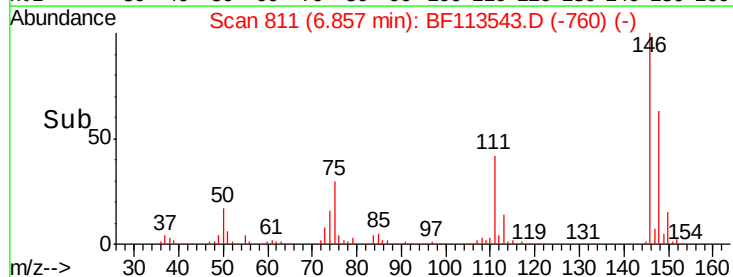
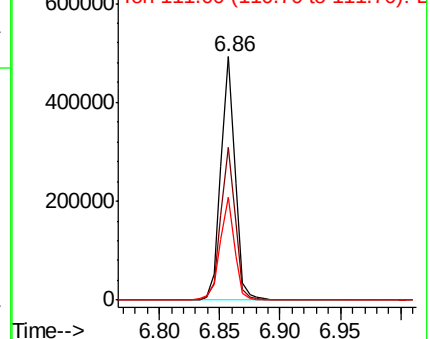
146 100

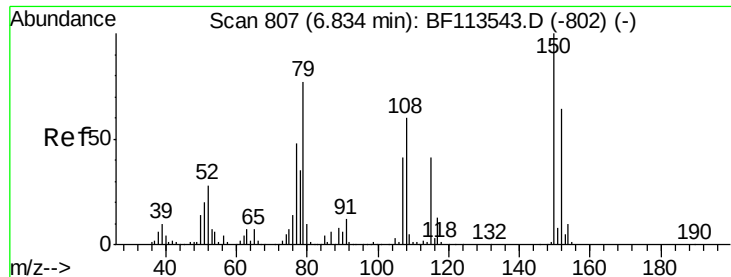
148 62.9 50.3 75.5

111 42.5 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 40.917 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampled :

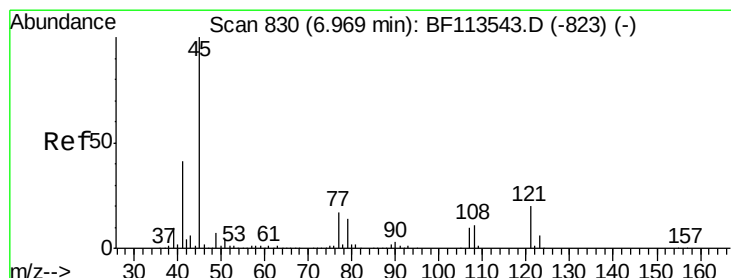
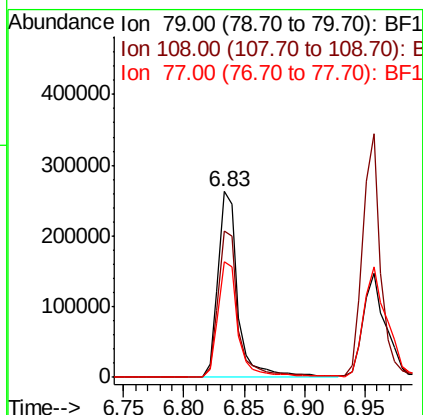
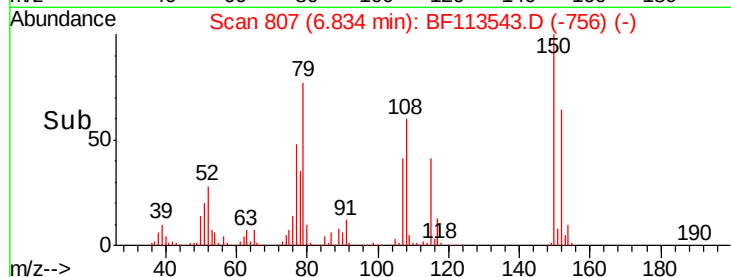
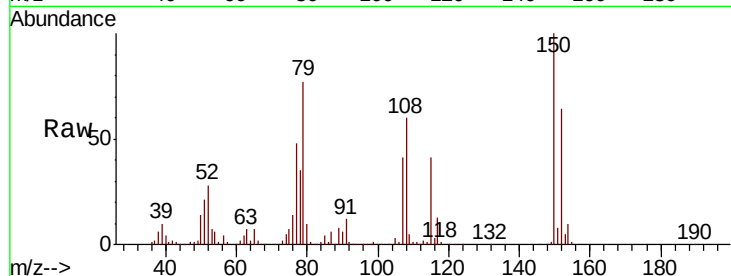
Tot Ion: 79 Resp: 299813

Ion Ratio Lower Upper

79 100

108 78.5 62.8 94.2

77 62.5 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.549 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

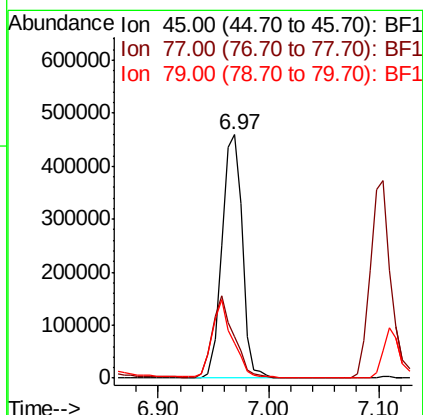
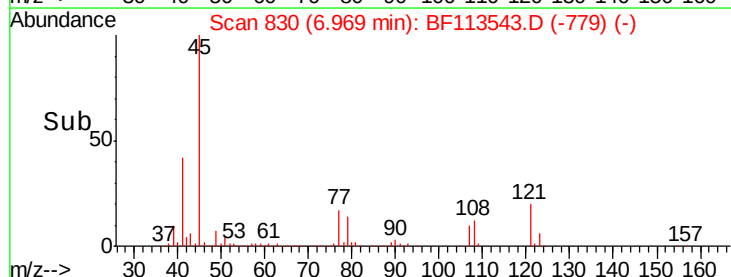
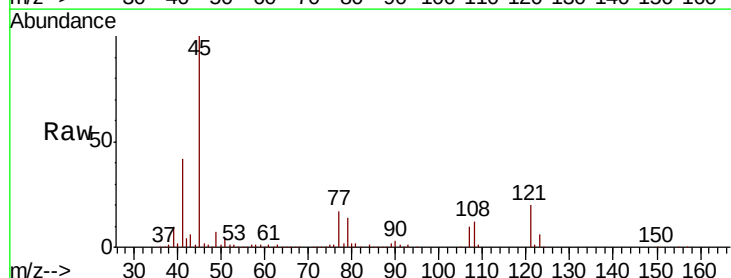
Tgt Ion: 45 Resp: 592085

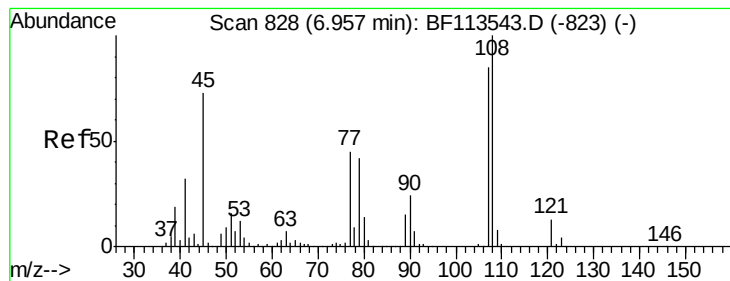
Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.9

79 14.2 0.0 34.2





#17

2-Methylphenol

Concen: 38.493 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 307567

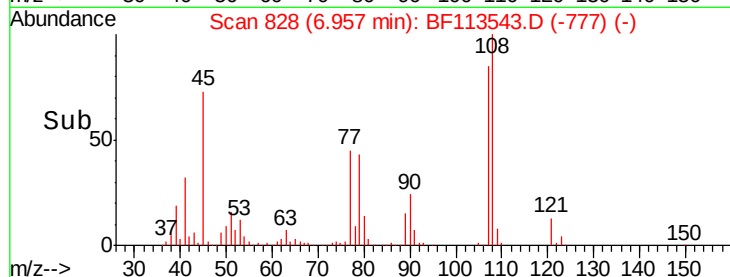
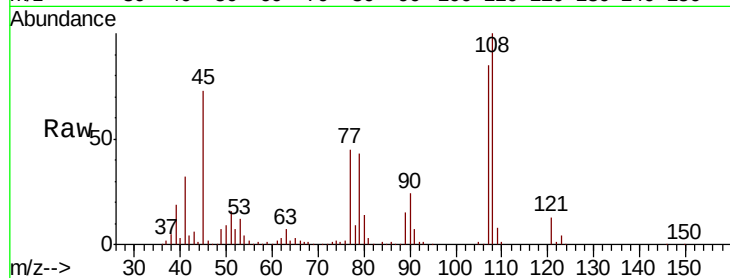
Ion Ratio Lower Upper

107 100

108 117.8 94.2 141.4

77 53.4 42.7 64.1

79 50.4 40.3 60.5

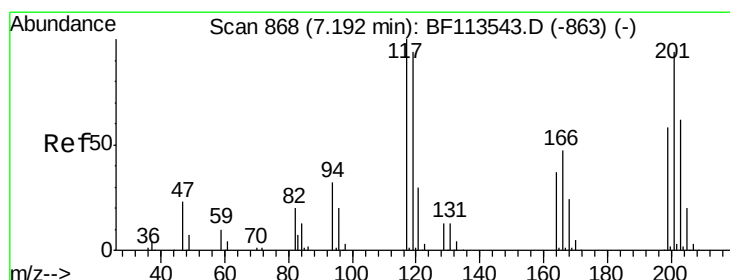
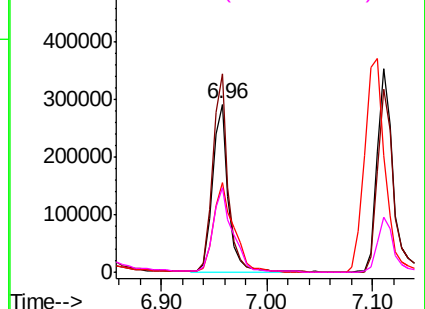


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.387 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

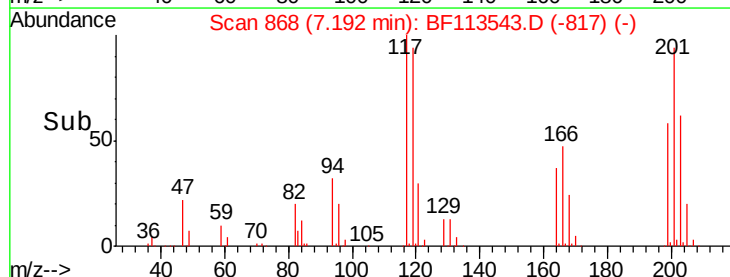
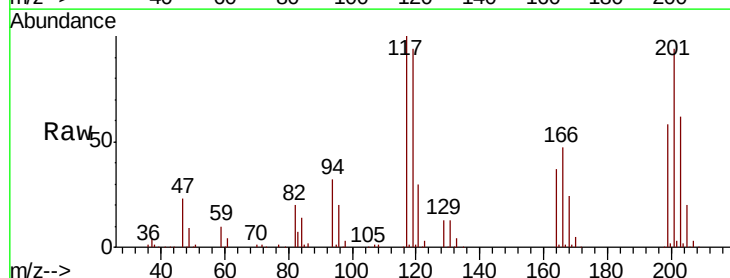
Tgt Ion:117 Resp: 157742

Ion Ratio Lower Upper

117 100

119 94.2 75.4 113.0

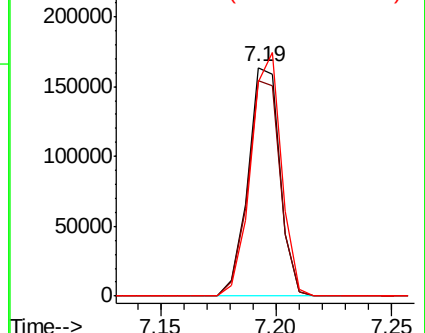
201 93.9 75.1 112.7

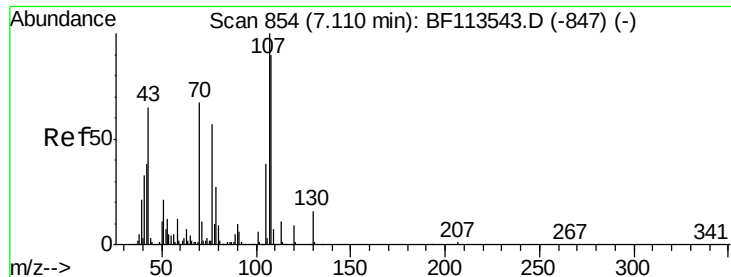


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

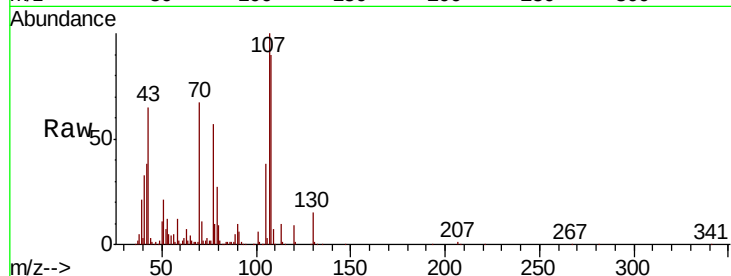




#19
n-Nitroso-di-n-propylamine
Concen: 37.761 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.7	46.2	69.2
101	9.5	7.6	11.4
130	23.3	18.6	28.0



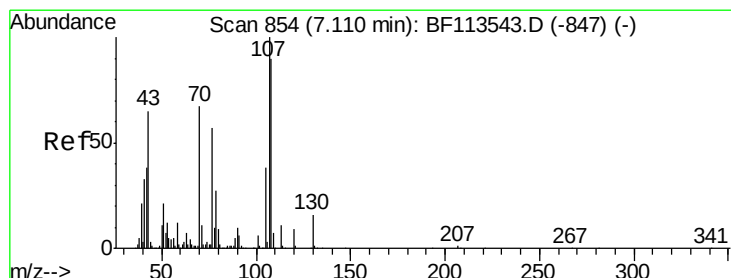
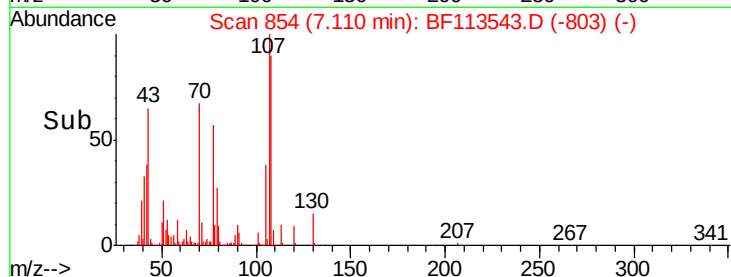
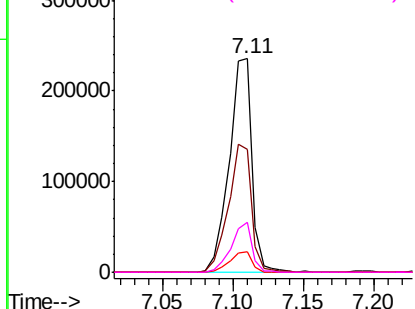
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.006 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.9	109.9
77	57.4	37.4	77.4
79	27.1	7.1	47.1

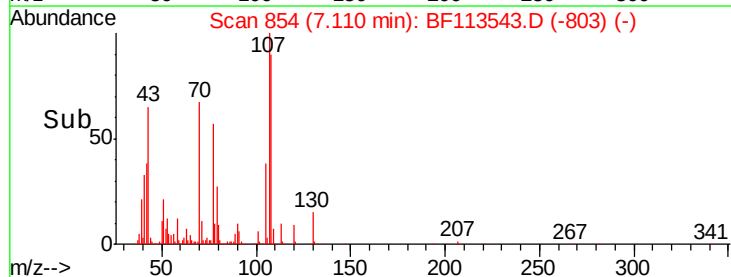
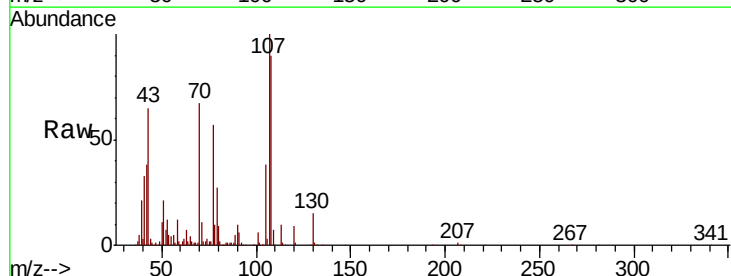
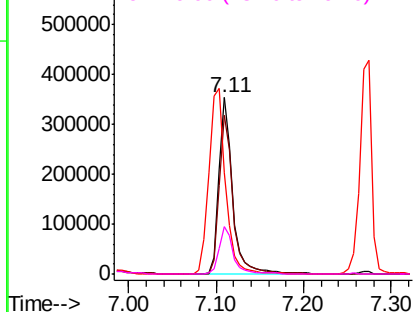
Abundance

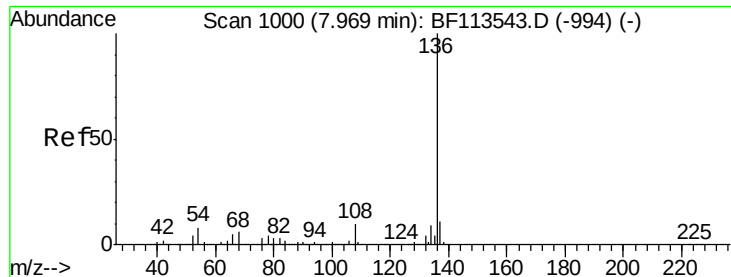
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

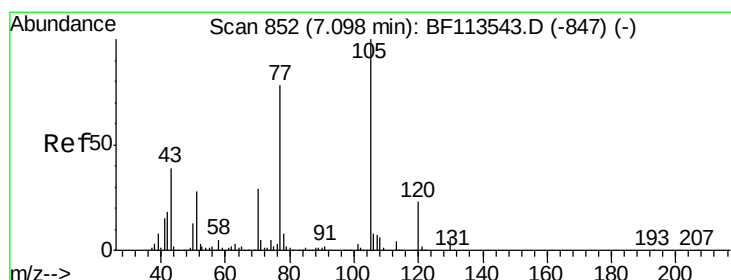
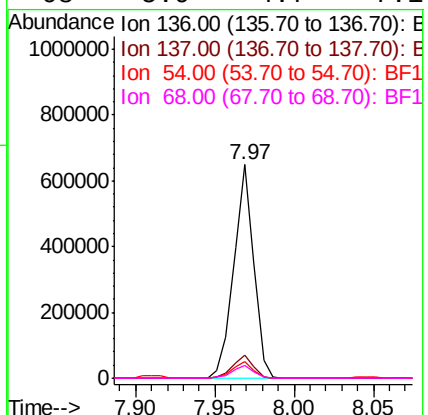
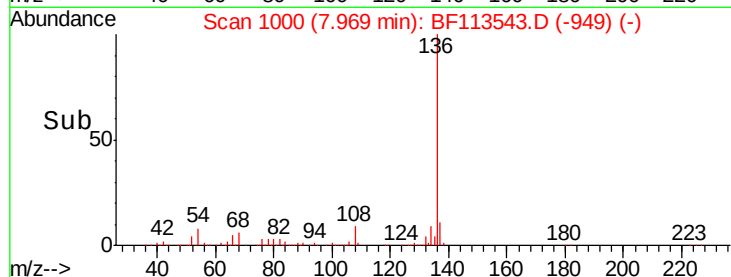
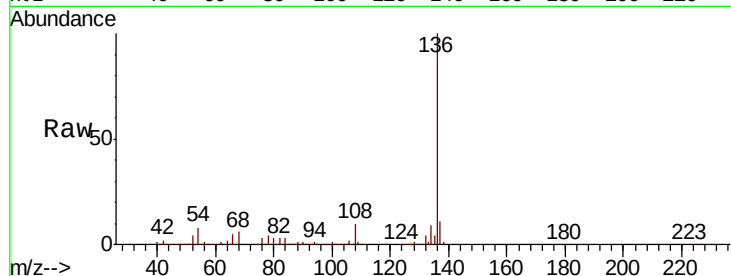




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

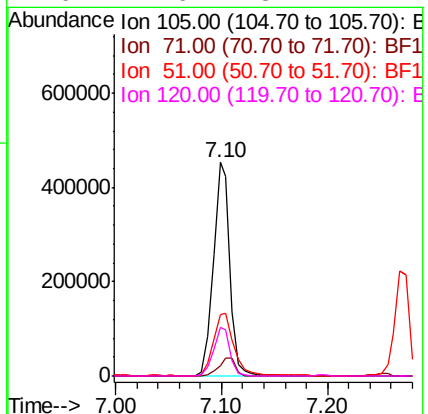
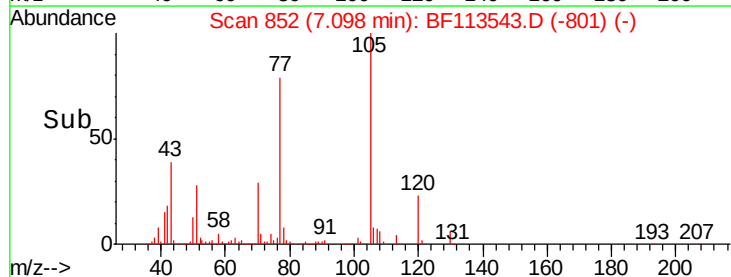
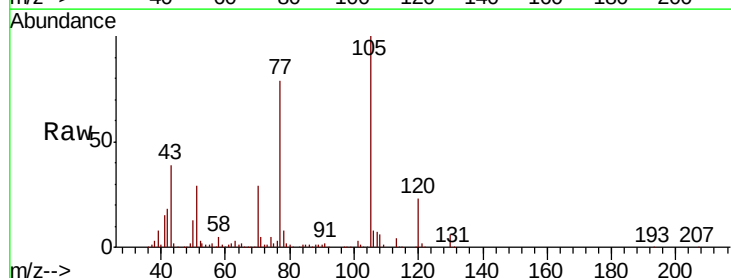
Instrument :
BNA_F
ClientSampleId :

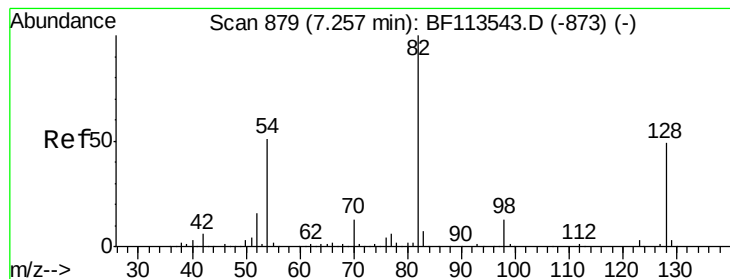
Tot Ion:136	Resp:	570064
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	7.7	6.2 9.2
68	5.9	4.7 7.1



#22
Acetophenone
Concen: 38.602 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Tgt Ion:105	Resp:	501845
Ion	Ratio	Lower Upper
105	100	
71	4.6	3.7 5.5
51	28.6	22.9 34.3
120	22.6	18.1 27.1





#23

Nitrobenzene-d5

Concen: 81.259 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

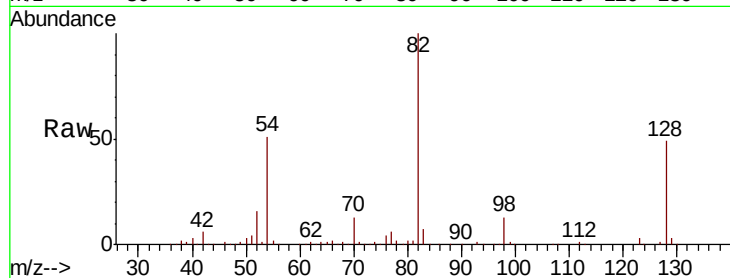
Tot Ion: 82 Resp: 780454

Ion Ratio Lower Upper

82 100

128 48.9 39.1 58.7

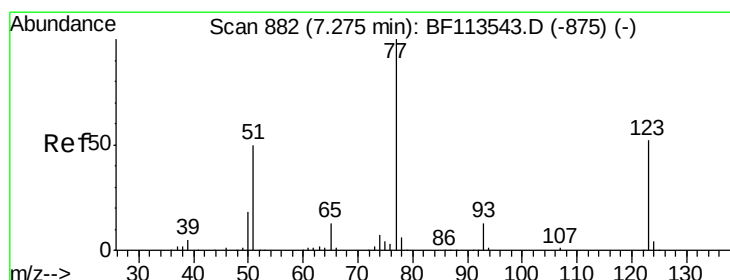
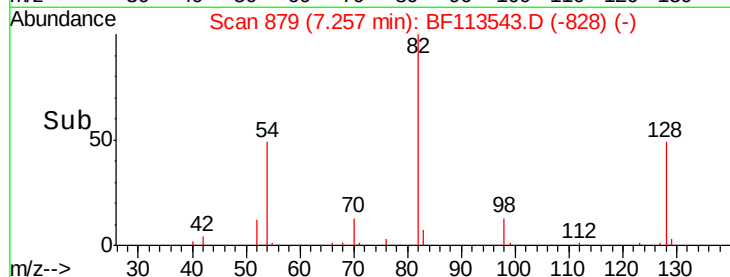
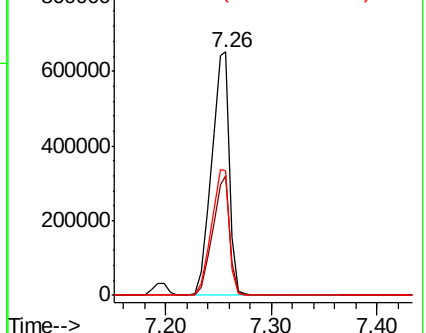
54 51.2 41.0 61.4



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: 40.429 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

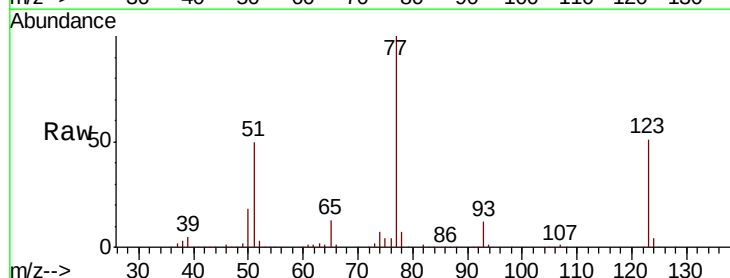
Tgt Ion: 77 Resp: 405192

Ion Ratio Lower Upper

77 100

123 51.5 41.2 61.8

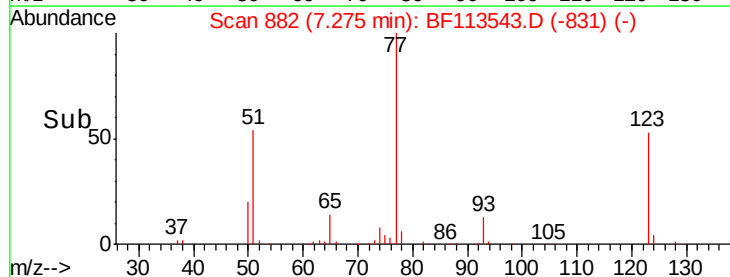
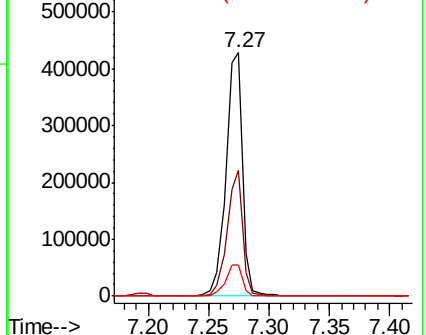
65 12.8 10.2 15.4

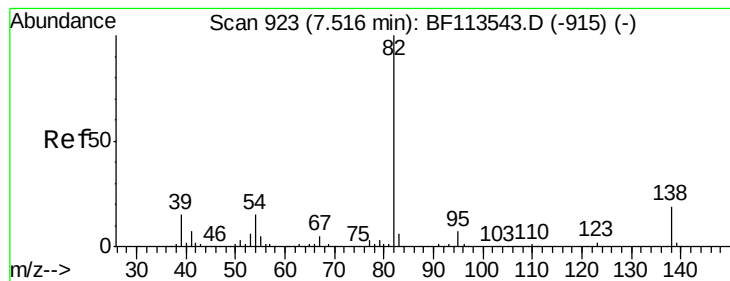


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.031 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

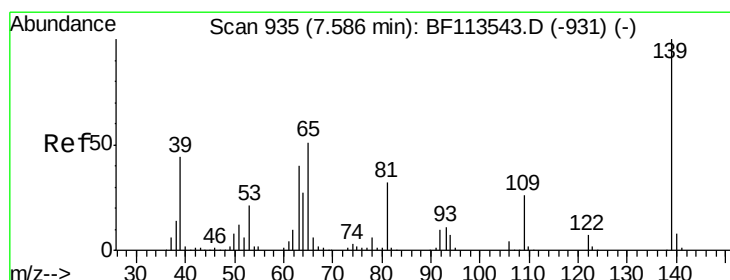
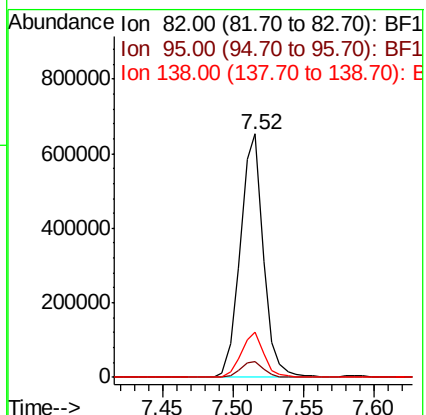
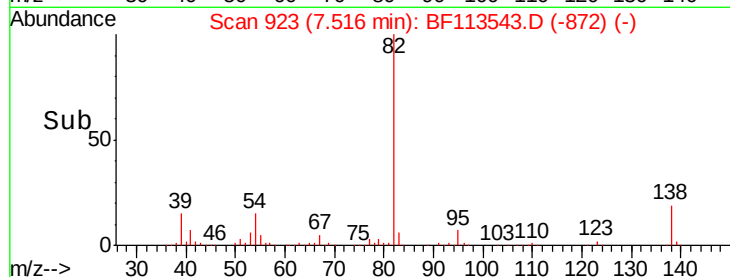
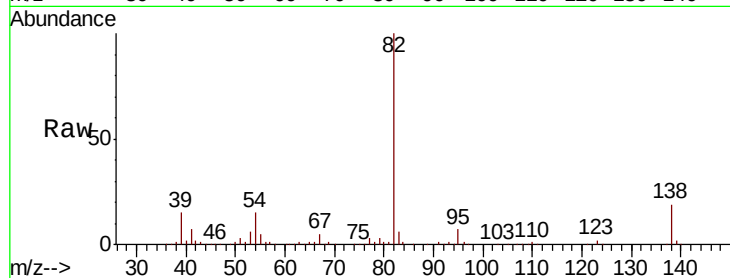
Tot Ion: 82 Resp: 745106

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 41.133 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

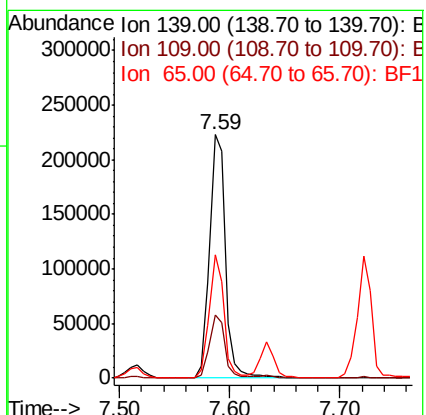
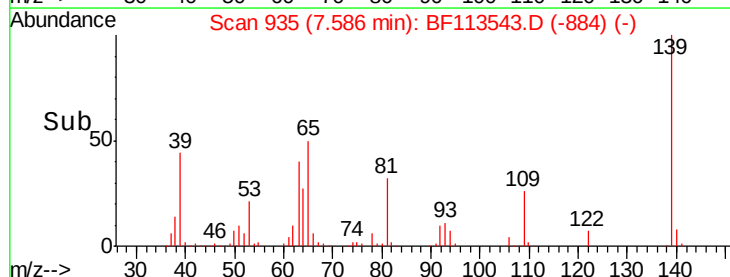
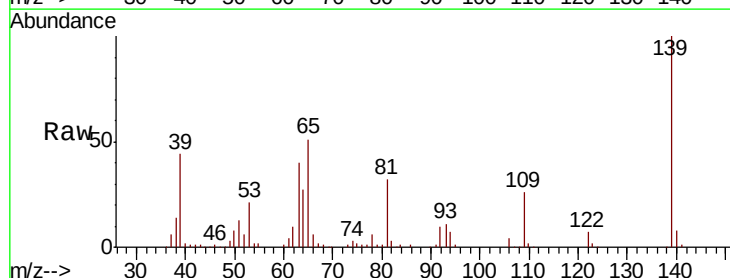
Tgt Ion: 139 Resp: 217907

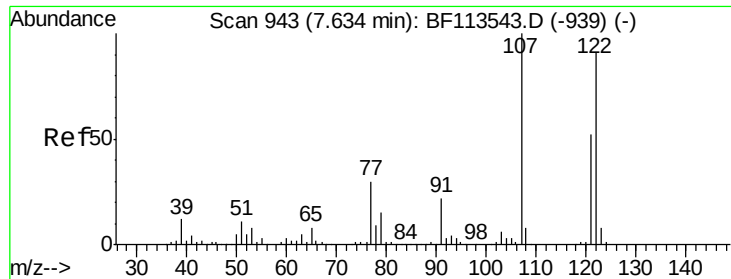
Ion Ratio Lower Upper

139 100

109 26.1 20.9 31.3

65 50.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.500 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

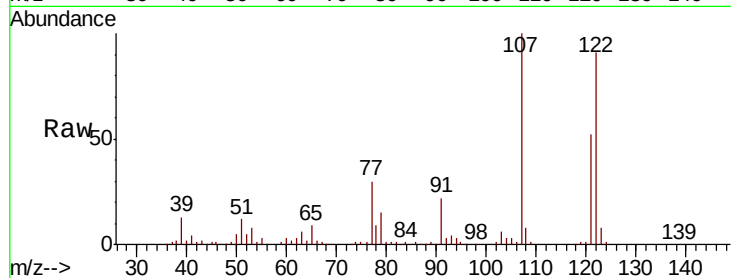
Tot Ion:122 Resp: 308632

Ion Ratio Lower Upper

122 100

107 110.3 88.2 132.4

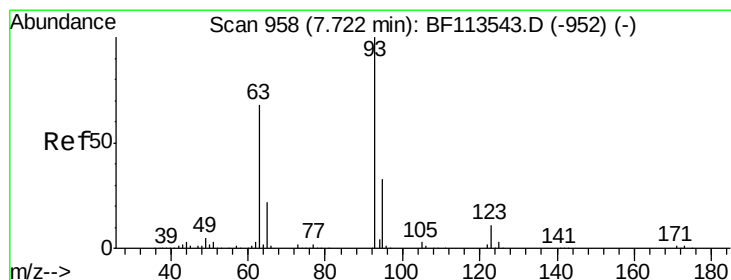
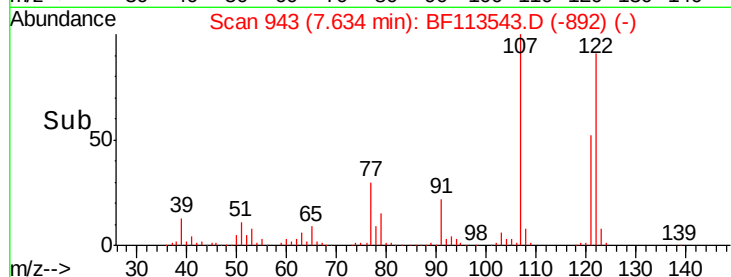
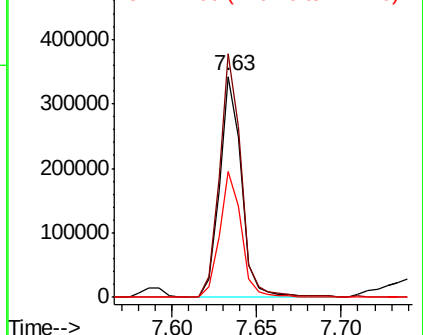
121 57.1 45.7 68.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.814 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

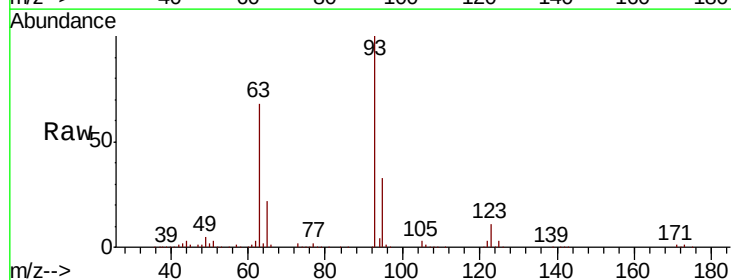
Tgt Ion: 93 Resp: 478391

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

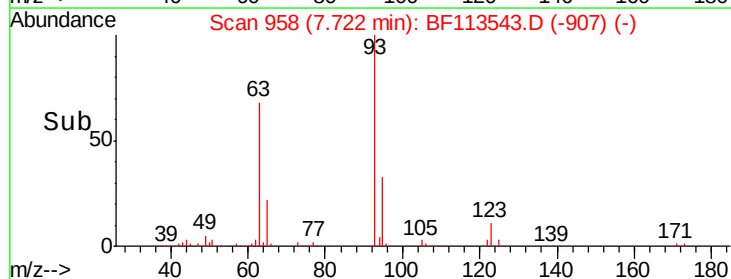
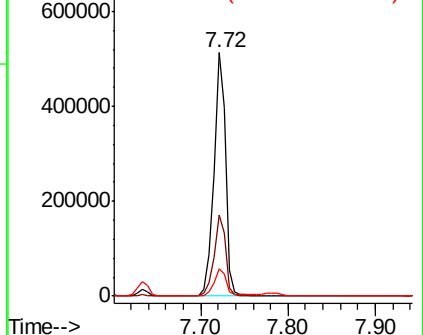
123 11.4 9.1 13.7

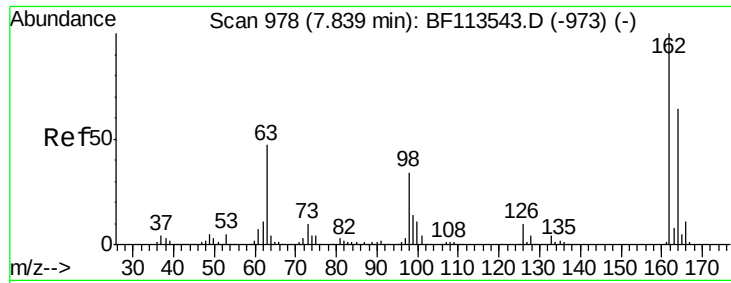


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

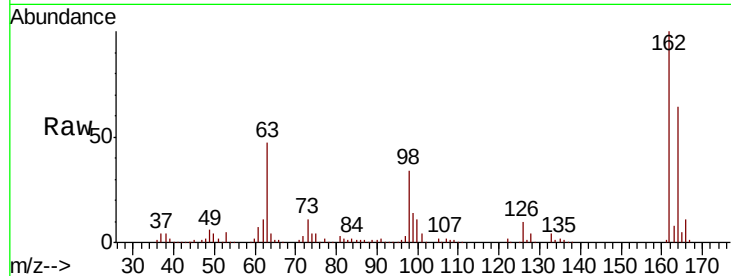




#29
 2,4-Dichlorophenol
 Concen: 40.492 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.3	84.3
98	34.0	14.0	54.0

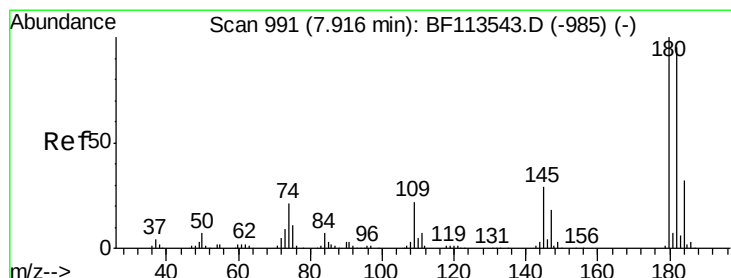
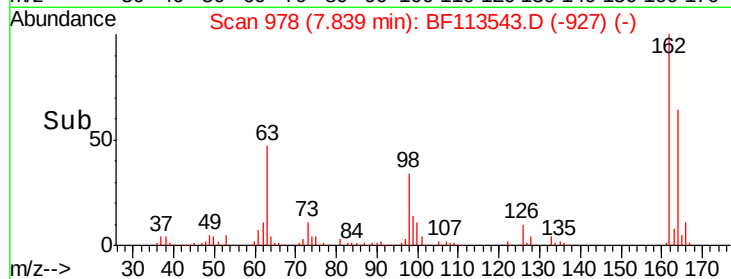
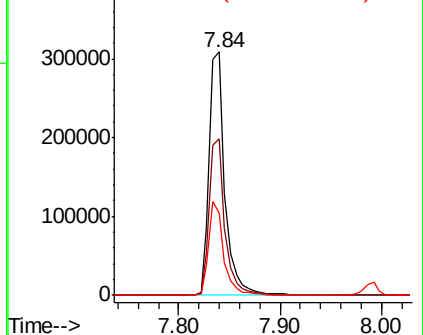


Abundance

Ion 162.00 (161.70 to 162.70): E

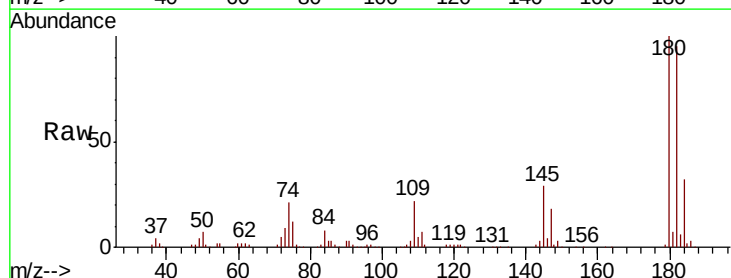
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.627 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	28.6	22.9	34.3

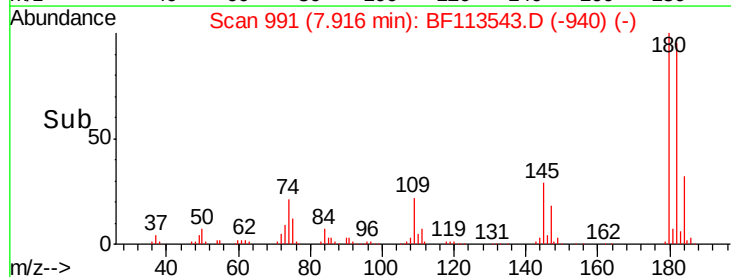
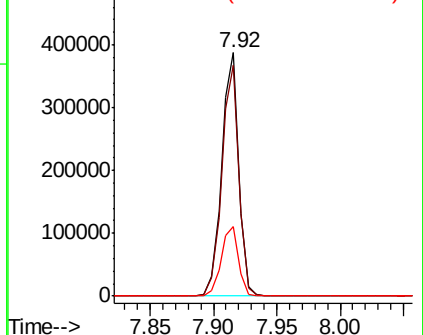


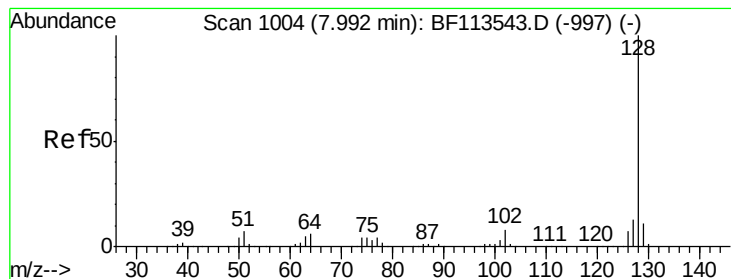
Abundance

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: 40.214 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

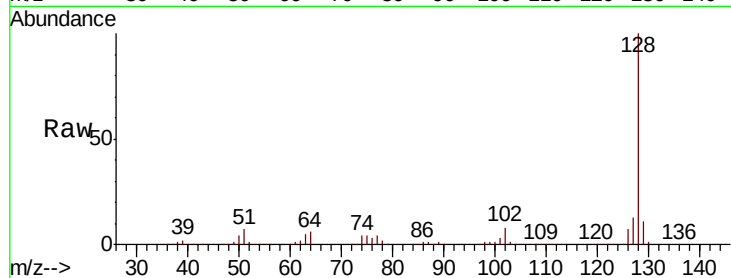
Tot Ion:128 Resp: 1120281

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

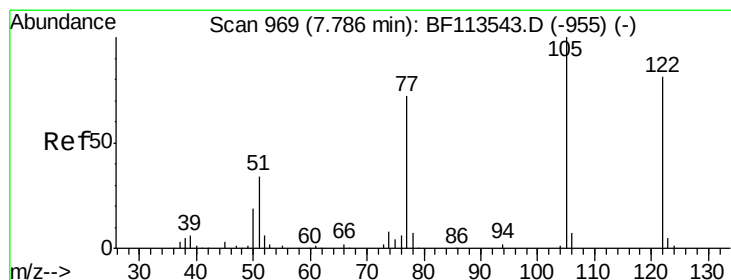
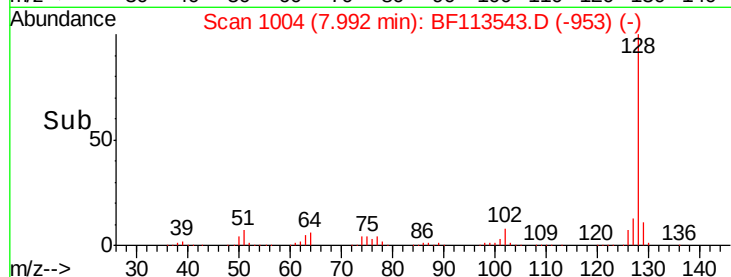
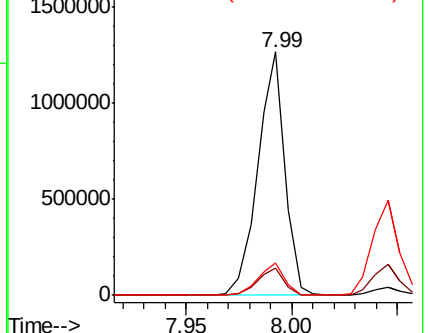
127 13.4 10.7 16.1



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: 34.910 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

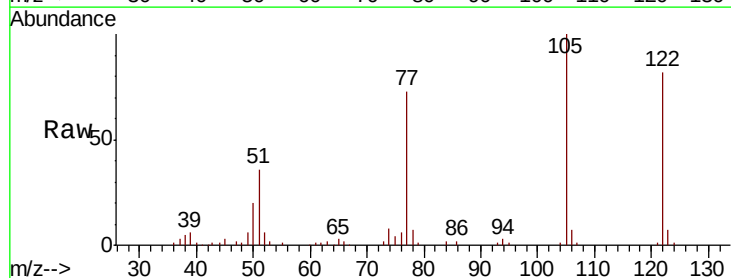
Tgt Ion:122 Resp: 214145

Ion Ratio Lower Upper

122 100

105 121.5 101.5 141.5

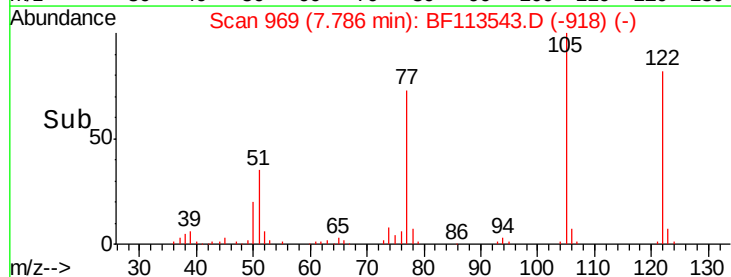
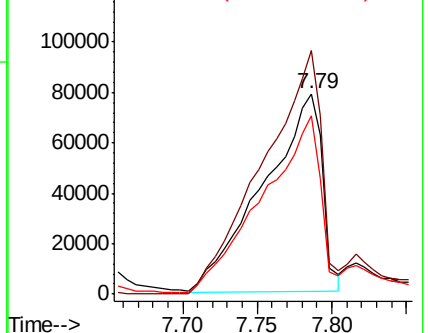
77 88.7 68.7 108.7

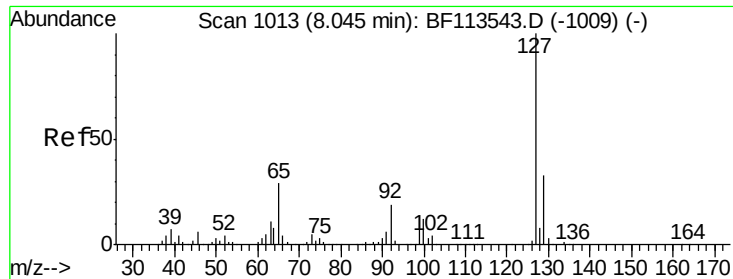


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

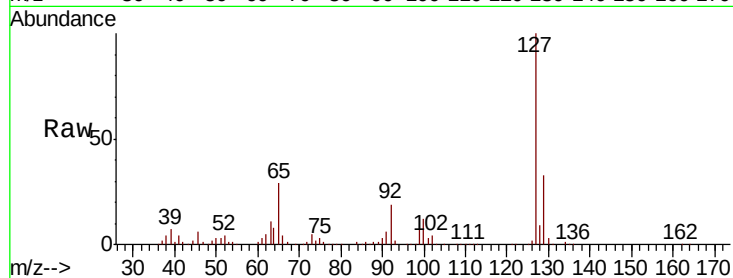




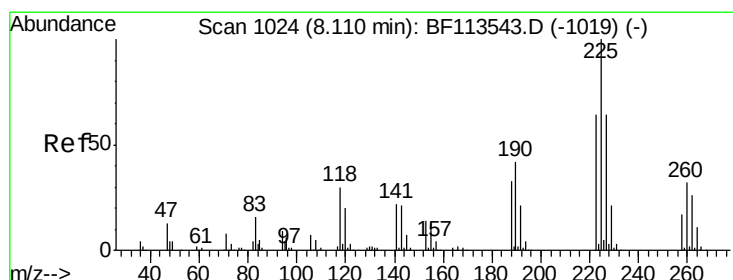
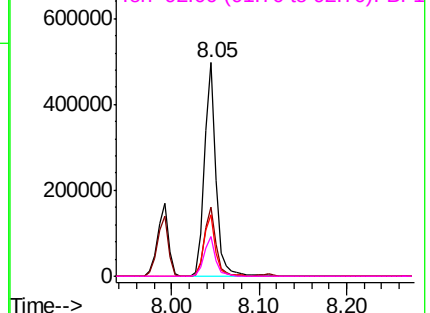
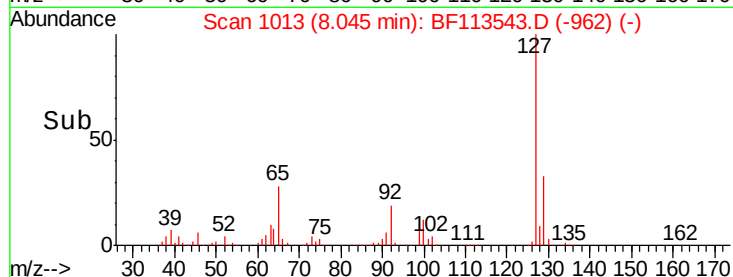
#33
 4-Chloroaniline
 Concen: 42.059 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	456886
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	28.9	23.1	34.7
92	18.8	15.0	22.6

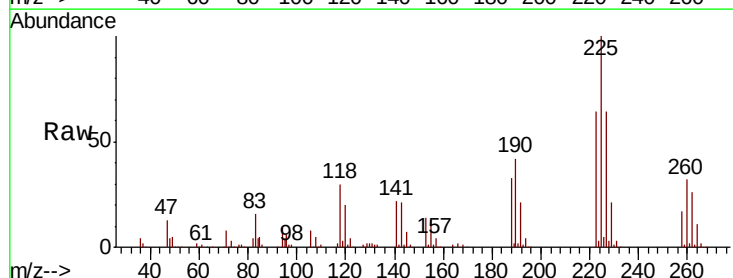


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

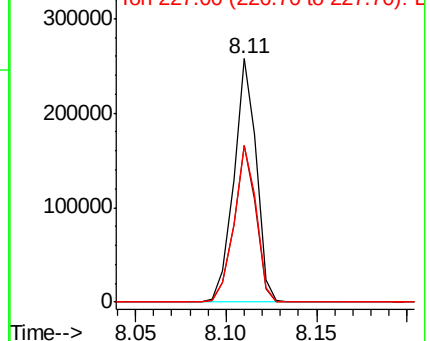
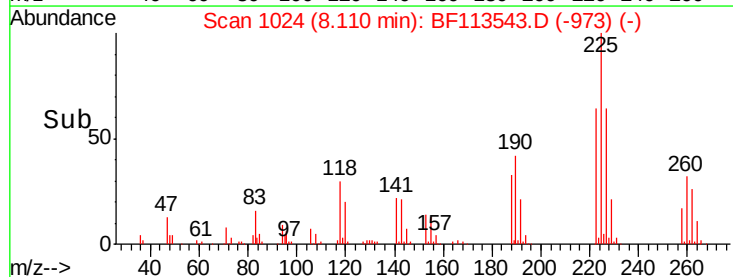


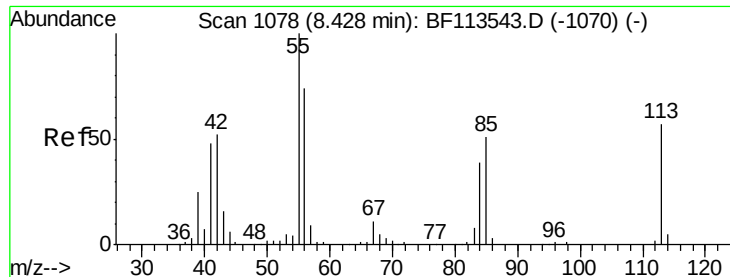
#34
 Hexachlorobutadiene
 Concen: 41.788 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion:	225	Resp:	221289
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.0
227	64.3	51.4	77.2



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

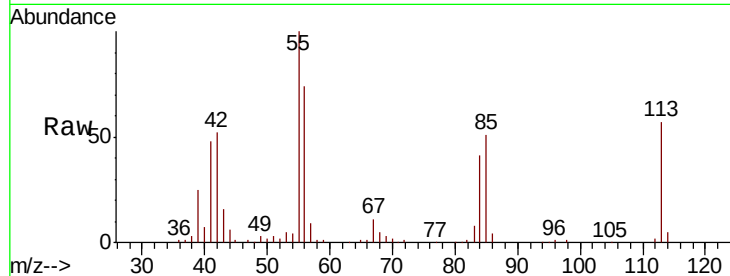




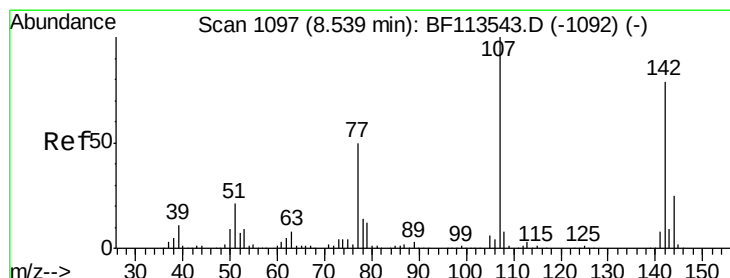
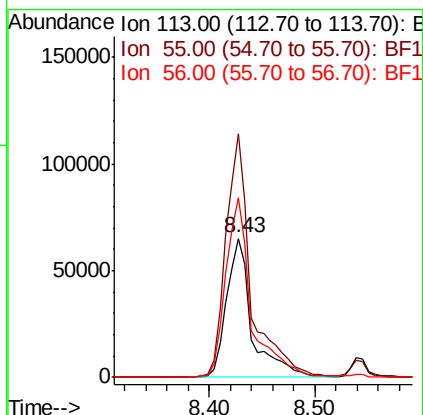
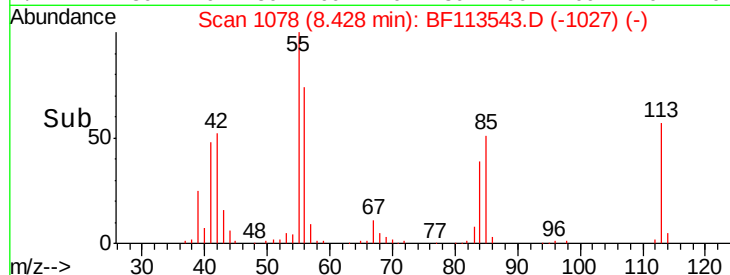
#35
 Caprolactam
 Concen: 41.211 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 109226
 Ion Ratio Lower Upper
 113 100
 55 174.8 154.8 194.8
 56 128.9 108.9 148.9

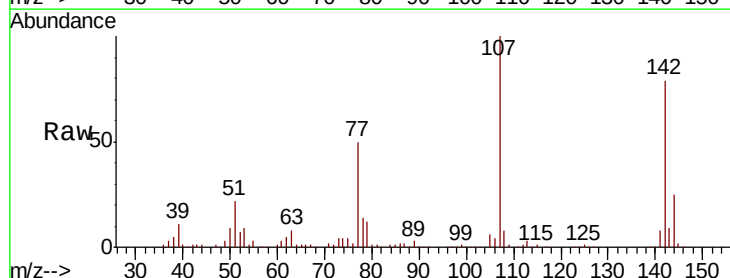


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

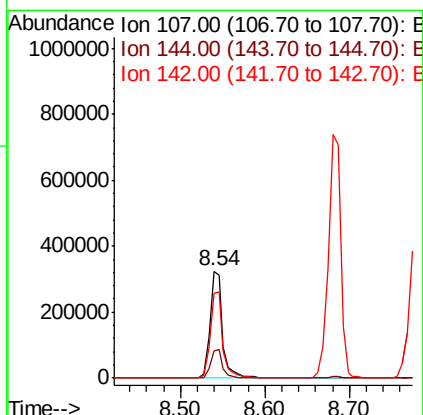
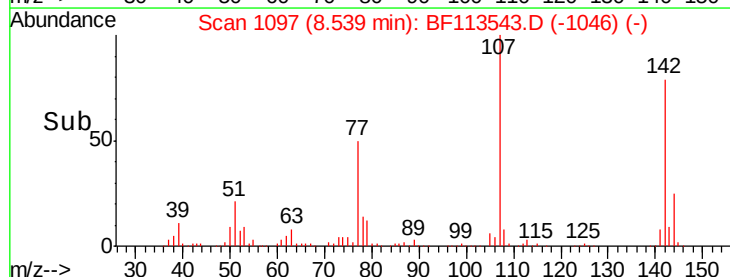


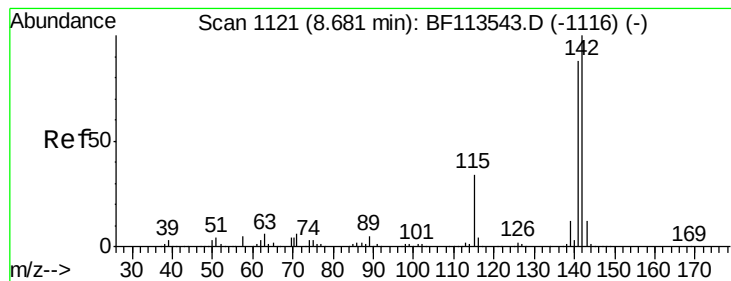
#36
 4-Chloro-3-methylphenol
 Concen: 40.770 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion:107 Resp: 338647
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.0 30.0
 142 78.6 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

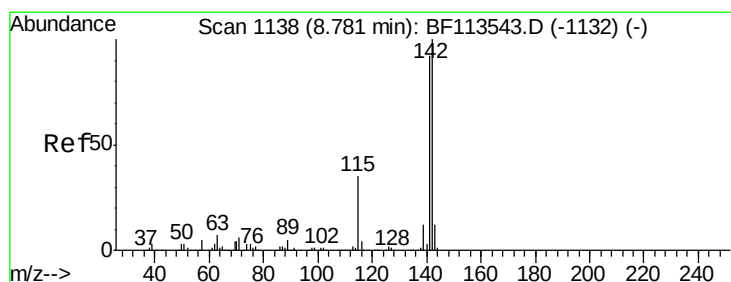
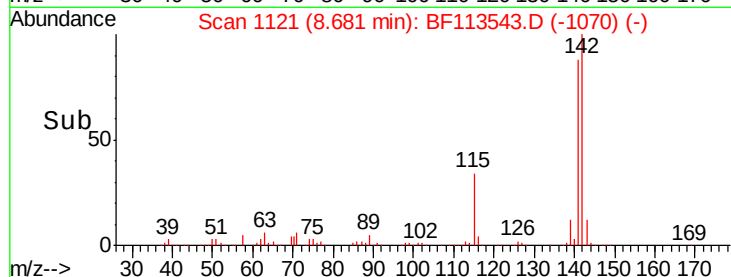
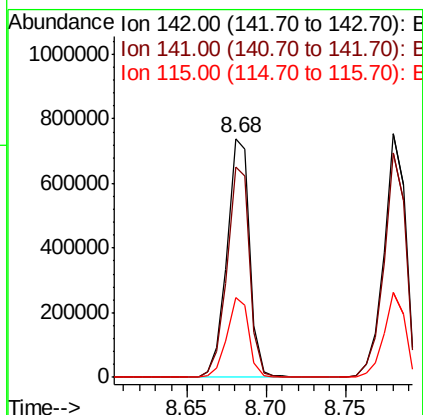
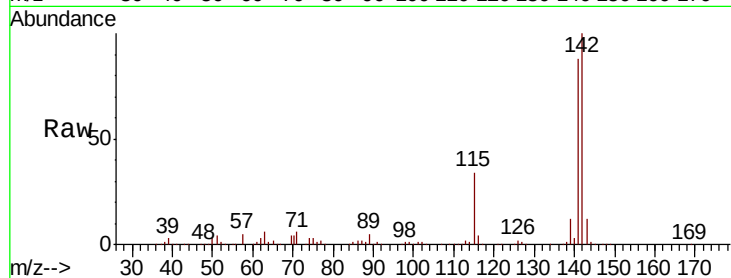




#37
2-Methylnaphthalene
Concen: 42.319 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

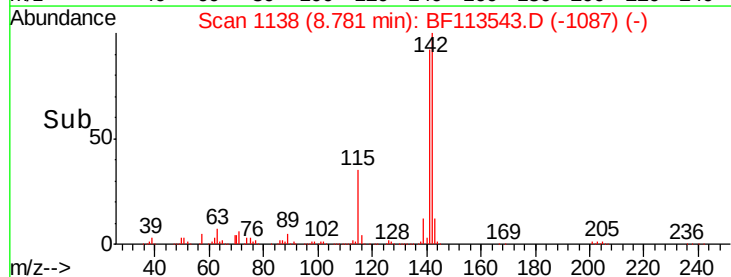
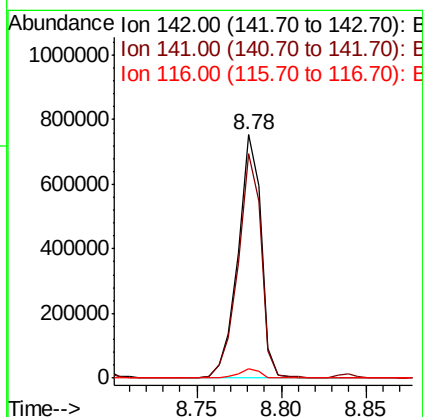
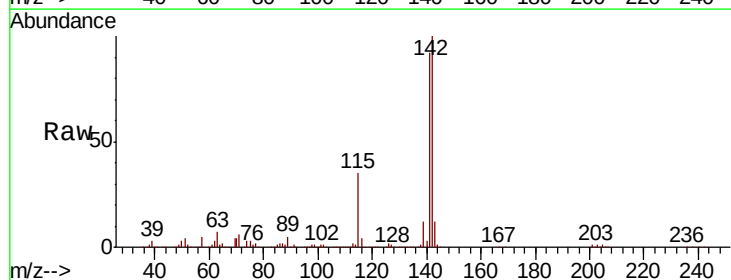
Instrument :
BNA_F
ClientSampleId :

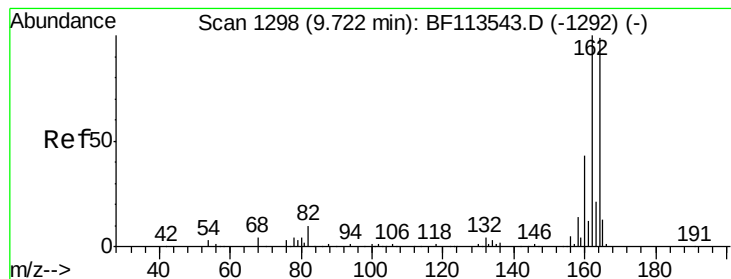
Tot Ion:142 Resp: 735600
Ion Ratio Lower Upper
142 100
141 88.2 70.6 105.8
115 33.6 26.9 40.3



#38
1-Methylnaphthalene
Concen: 42.664 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Tgt Ion:142 Resp: 713320
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

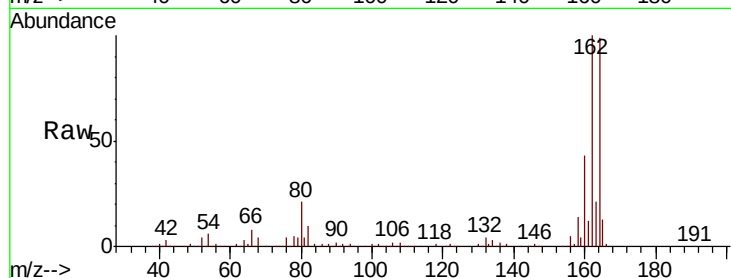
Tot Ion:164 Resp: 278599

Ion Ratio Lower Upper

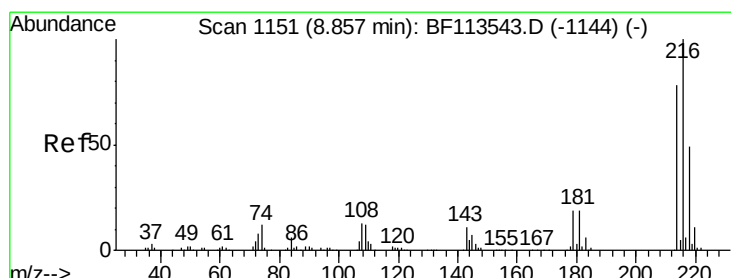
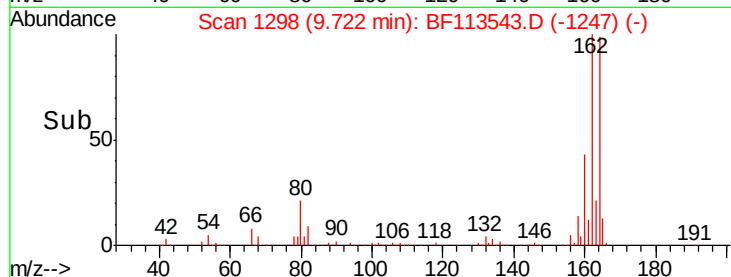
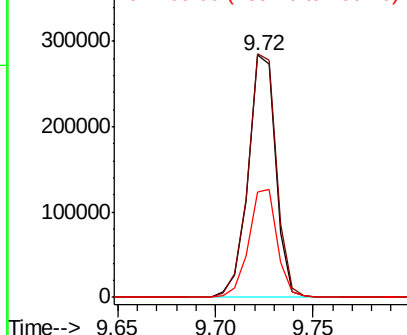
164 100

162 100.6 80.5 120.7

160 43.5 34.8 52.2



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.435 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Tgt Ion:216 Resp: 361606

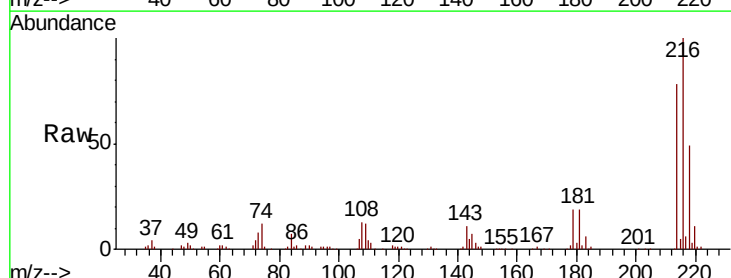
Ion Ratio Lower Upper

216 100

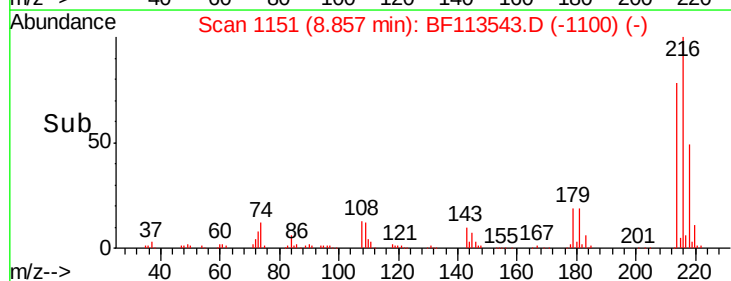
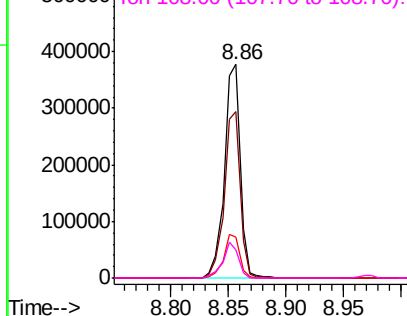
214 78.4 62.7 94.1

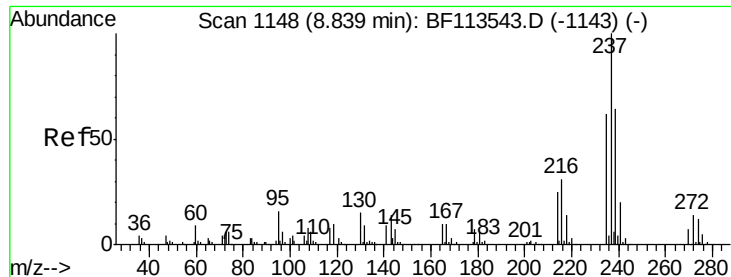
179 20.1 16.1 24.1

108 16.7 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: 25.361 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

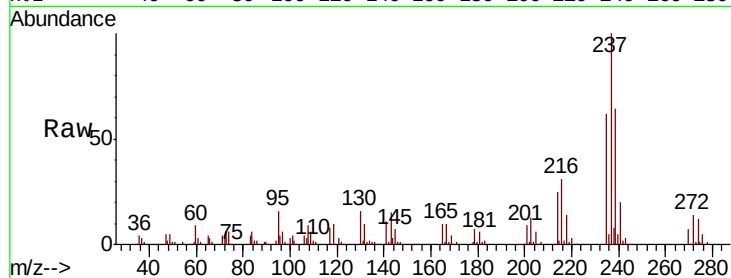
Tot Ion:237 Resp: 96000

Ion Ratio Lower Upper

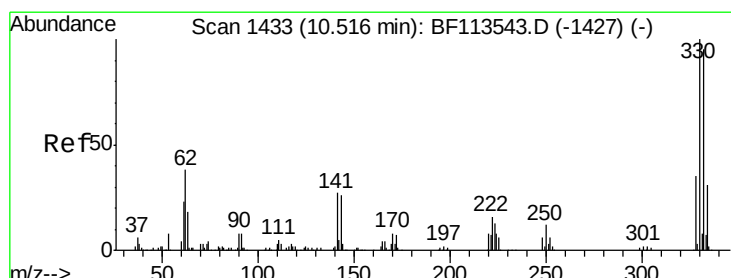
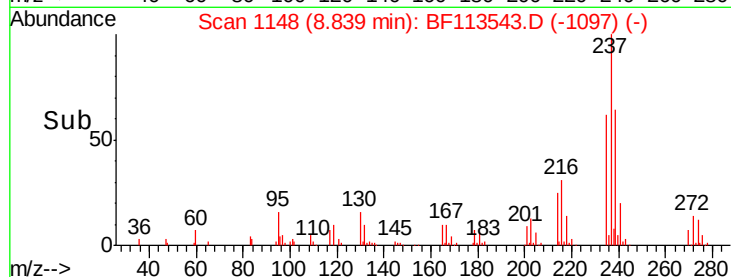
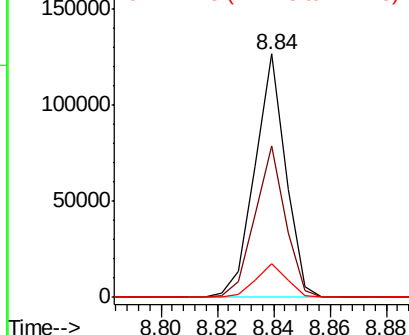
237 100

235 62.0 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: 80.954 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

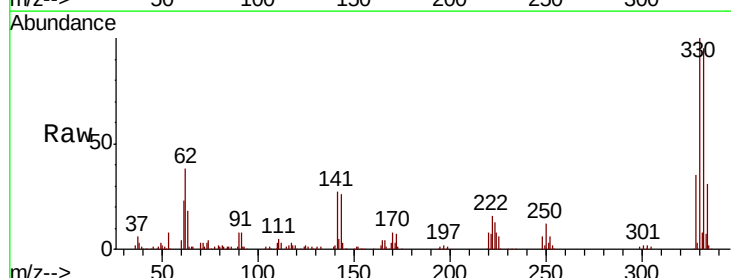
Tgt Ion:330 Resp: 278588

Ion Ratio Lower Upper

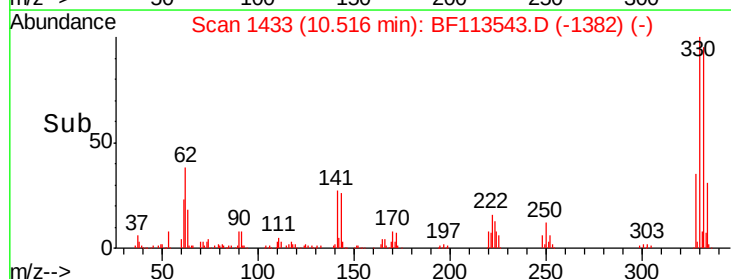
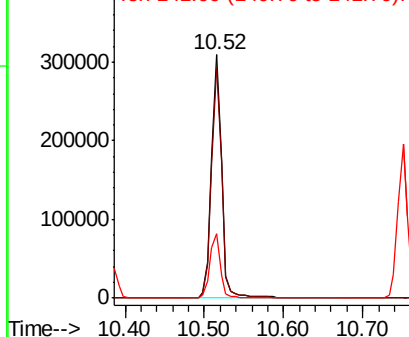
330 100

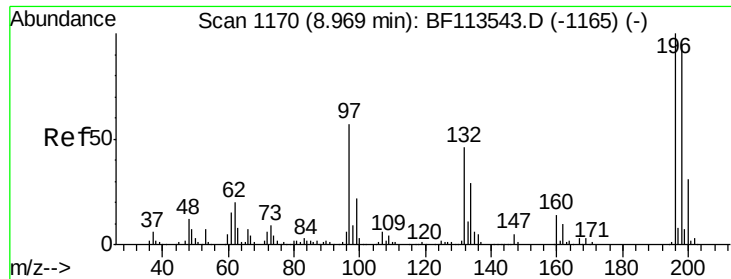
332 95.5 76.4 114.6

141 27.0 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

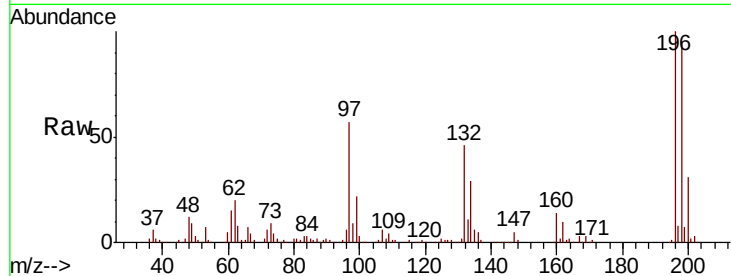




#43
 2,4,6-Trichlorophenol
 Concen: 39.266 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	228669
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.1	114.1
200	30.5	24.4	36.6

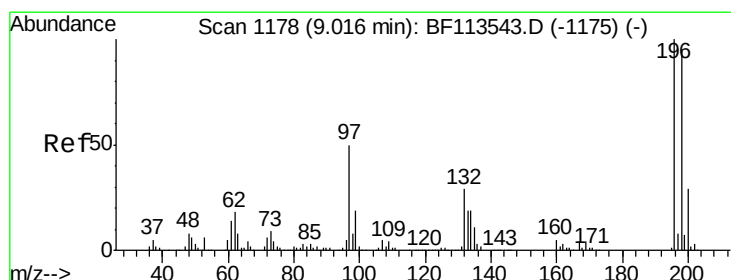
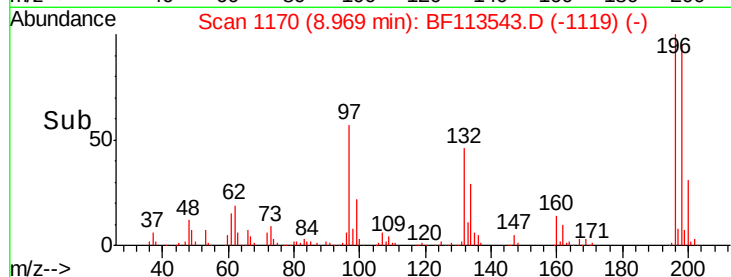
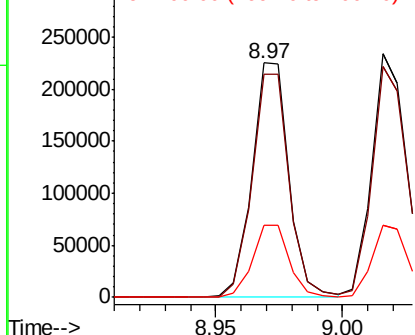


Abundance

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: 38.161 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion	196	Resp	245946
Ion Ratio	Lower	Upper	
196	100		
198	95.0	76.0	114.0
97	50.3	40.2	60.4
132	29.4	23.5	35.3

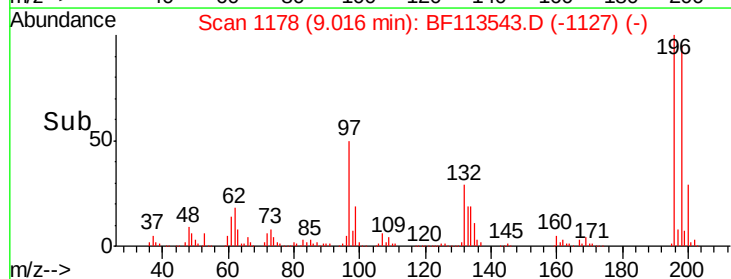
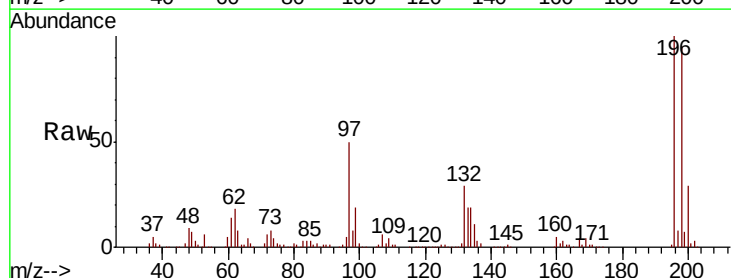
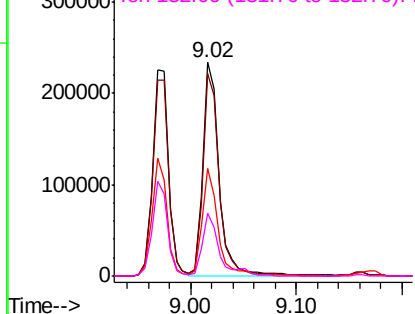
Abundance

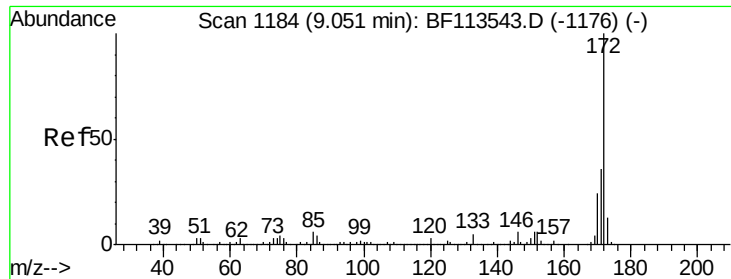
Ion 196.00 (195.70 to 196.70): E

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

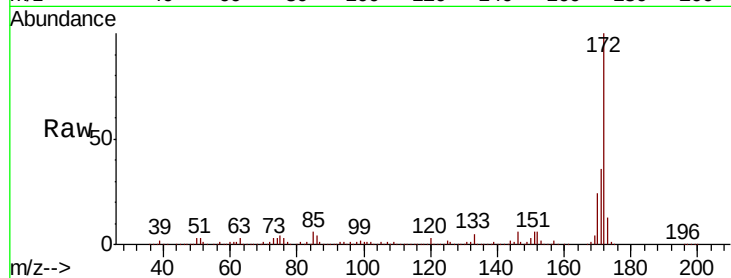




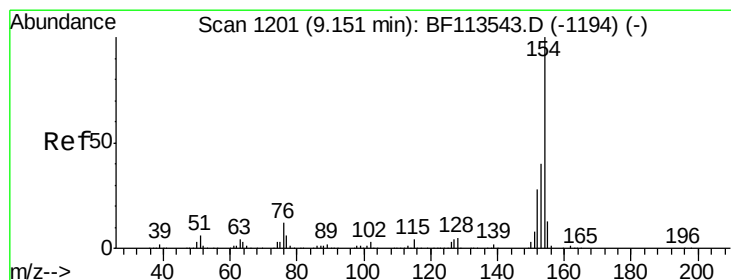
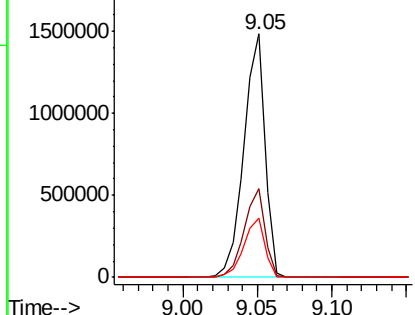
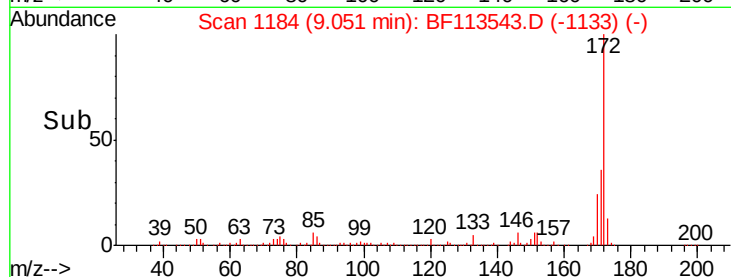
#45
2-Fluorobiphenyl
Concen: 77.000 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1462889
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.4 19.5 29.3

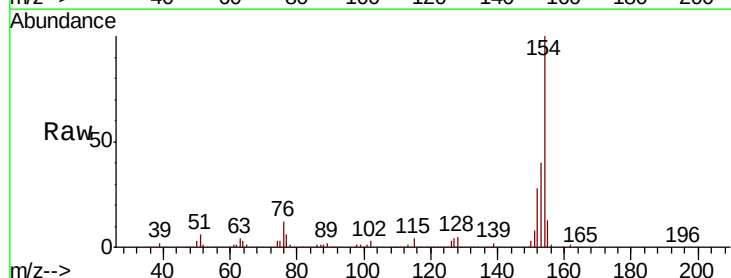


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

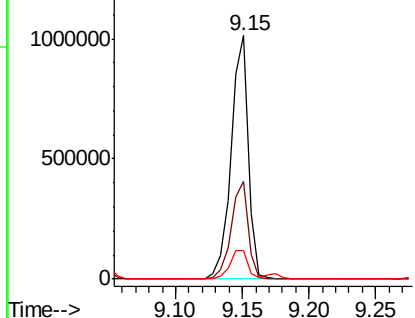
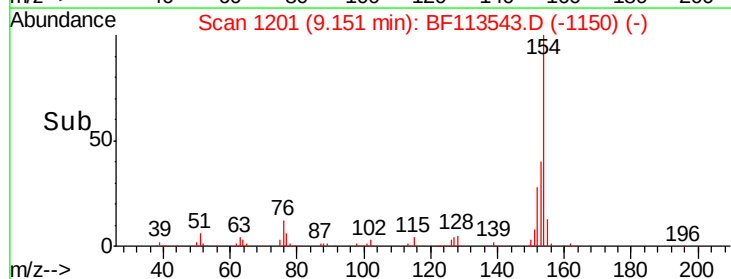


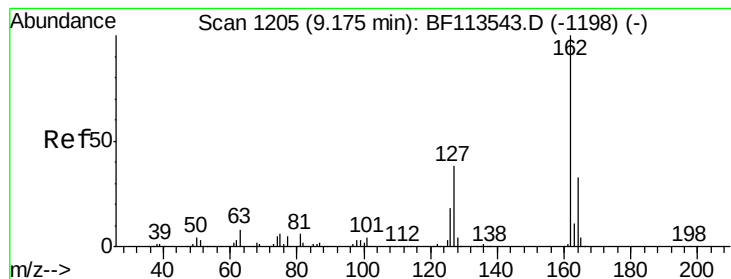
#46
1,1'-Biphenyl
Concen: 39.760 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Tgt Ion:154 Resp: 925146
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 11.7 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: 38.916 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

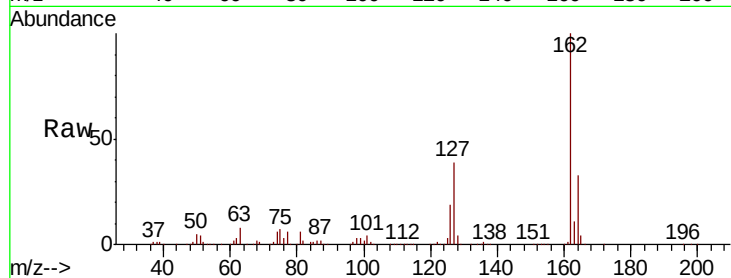
Tot Ion:162 Resp: 697205

Ion Ratio Lower Upper

162 100

127 38.7 31.0 46.4

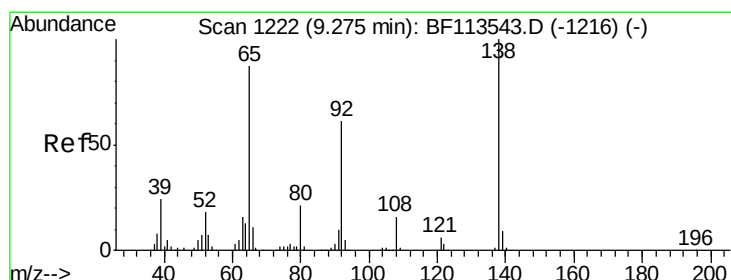
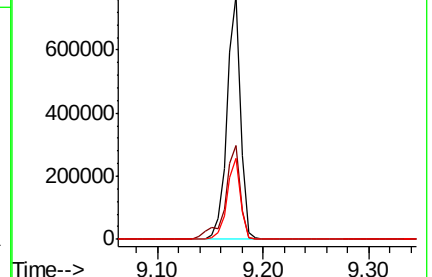
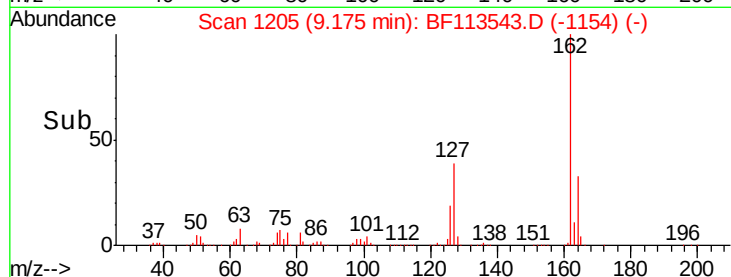
164 33.3 26.6 40.0



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: 38.150 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

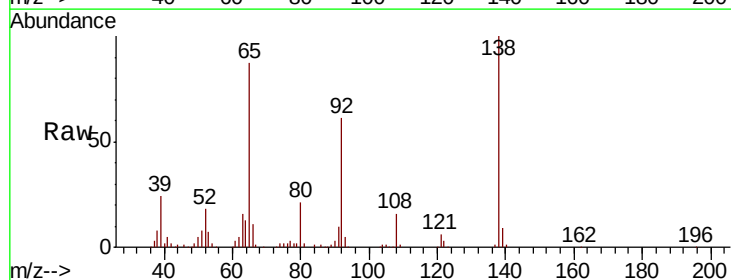
Tgt Ion: 65 Resp: 214488

Ion Ratio Lower Upper

65 100

92 70.0 56.0 84.0

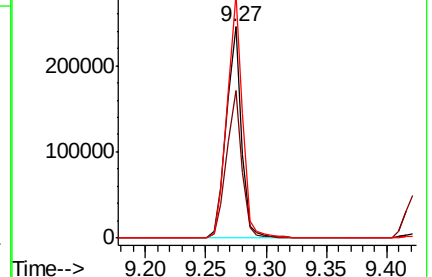
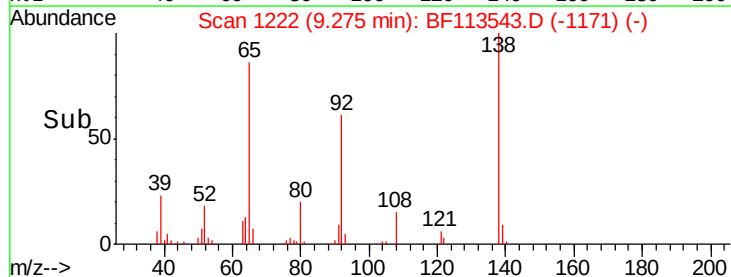
138 115.1 92.1 138.1

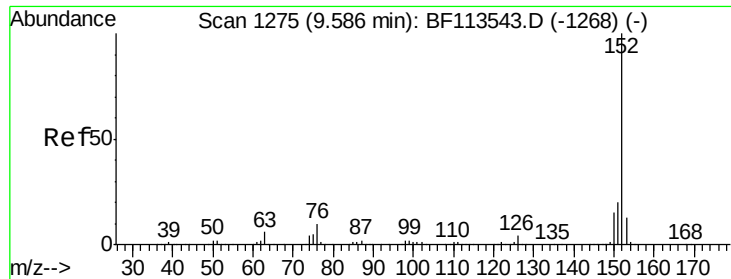


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.889 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

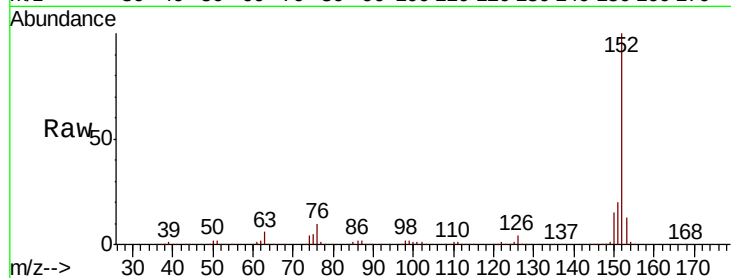
Tot Ion:152 Resp: 1155487

Ion Ratio Lower Upper

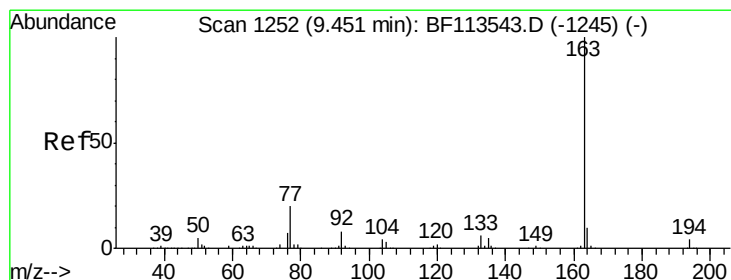
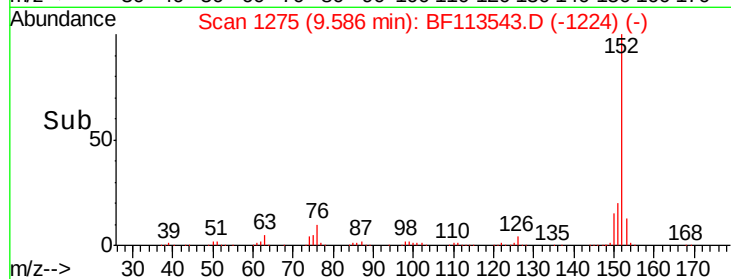
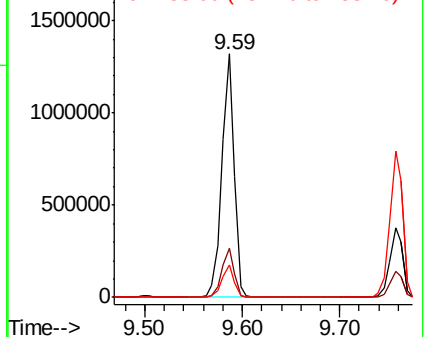
152 100

151 20.4 16.3 24.5

153 13.5 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: 39.921 ng

RT: 9.45 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

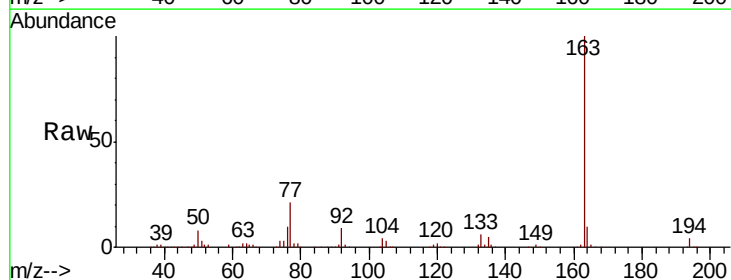
Tgt Ion:163 Resp: 824228

Ion Ratio Lower Upper

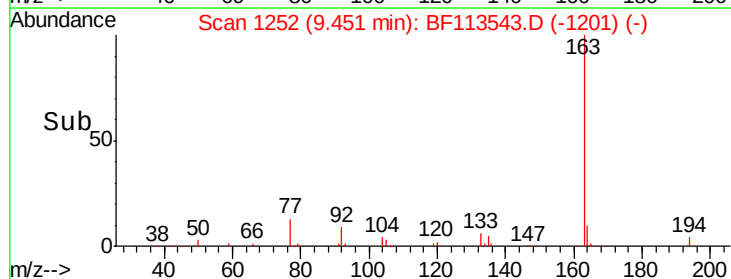
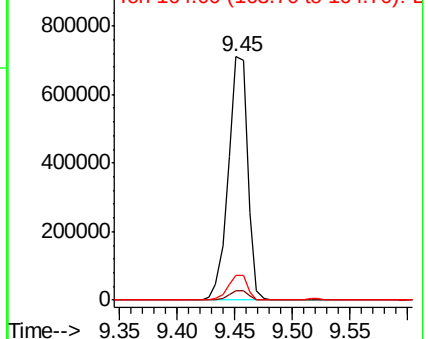
163 100

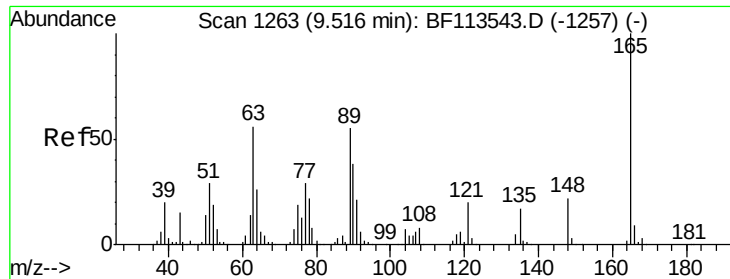
194 3.9 3.1 4.7

164 10.3 8.2 12.4



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





#51

2,6-Dinitrotoluene

Concen: 39.734 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

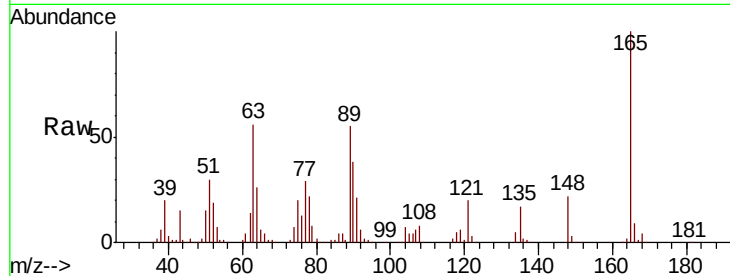
Tot Ion:165 Resp: 185071

Ion Ratio Lower Upper

165 100

63 56.4 45.1 67.7

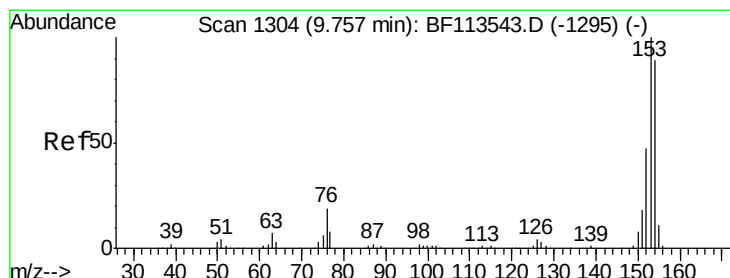
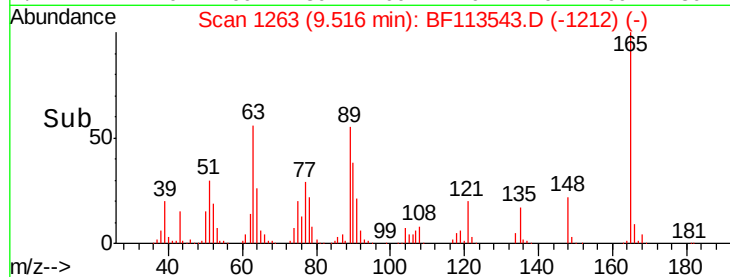
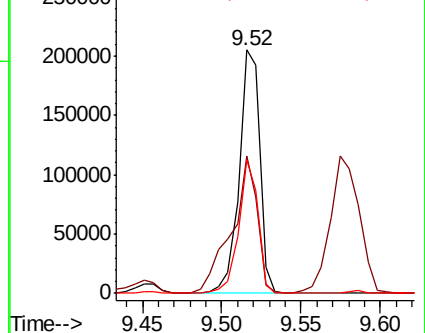
89 54.9 43.9 65.9



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: 39.841 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

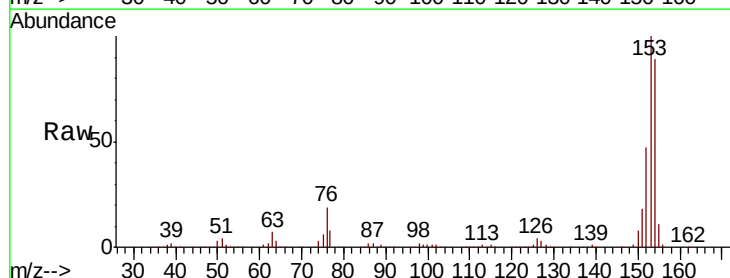
Tgt Ion:154 Resp: 649940

Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.8

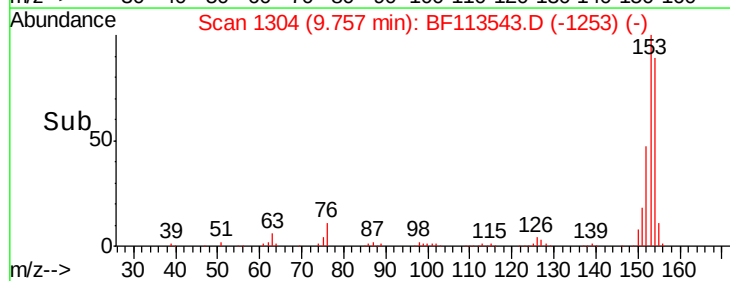
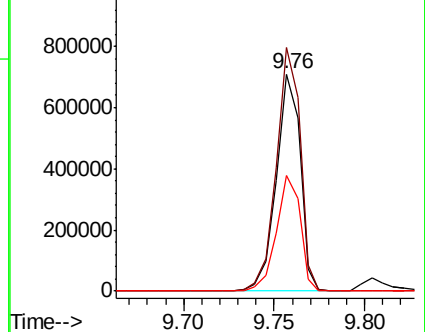
152 53.1 42.5 63.7

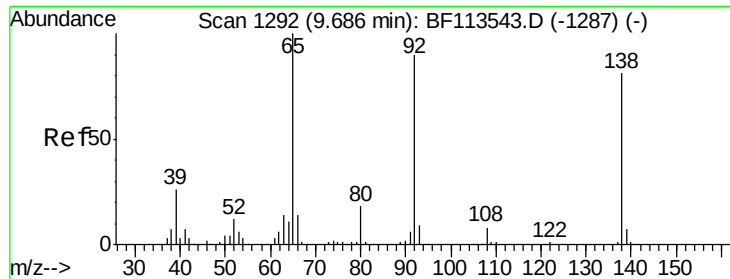


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

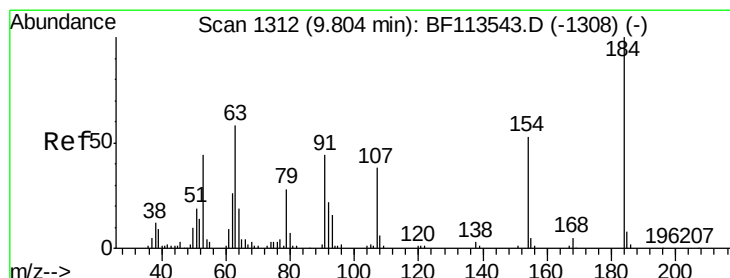
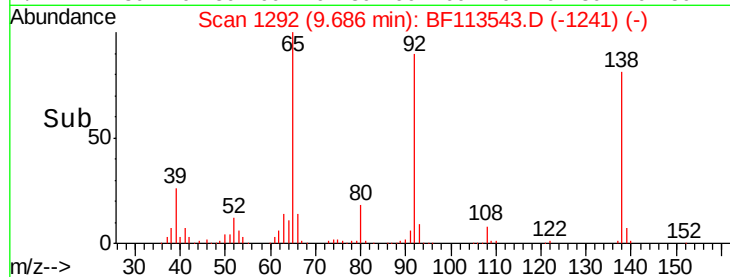
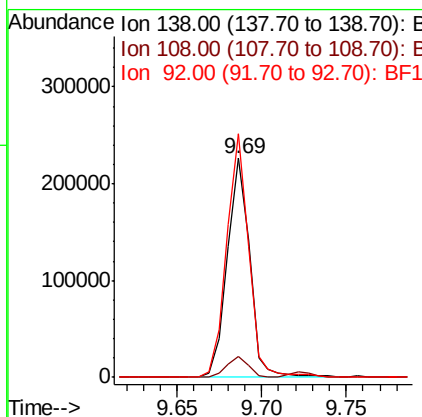
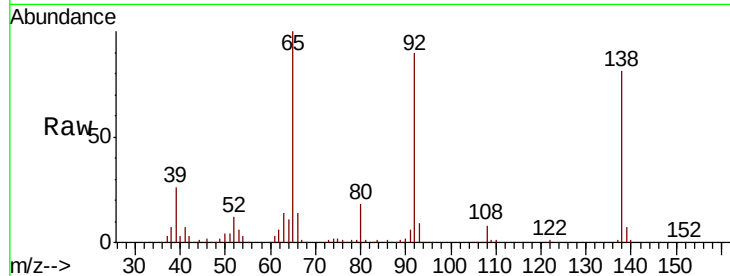




#53
 3-Nitroaniline
 Concen: 39.693 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

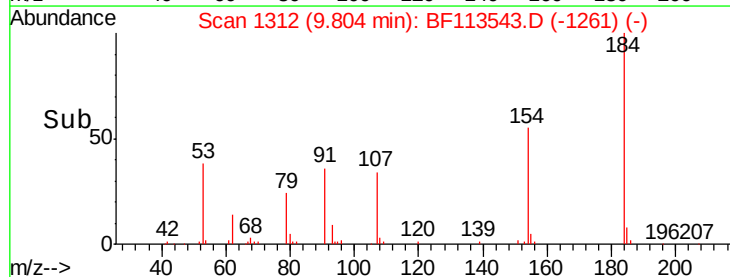
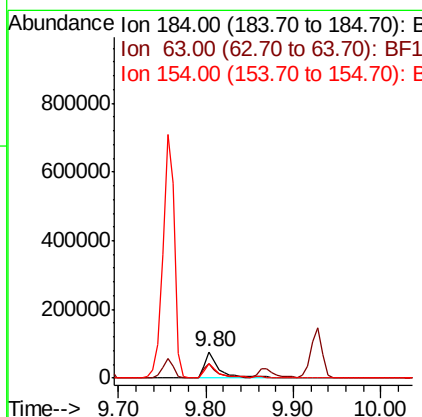
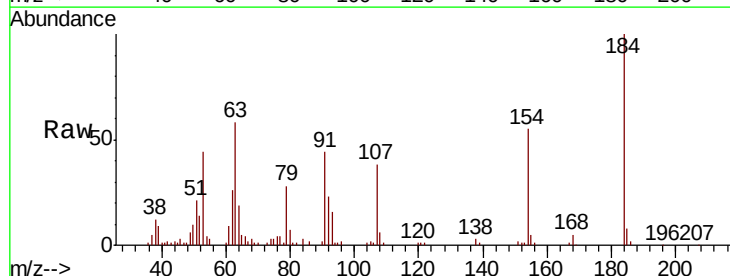
Instrument :
 BNA_F
 ClientSampleId :

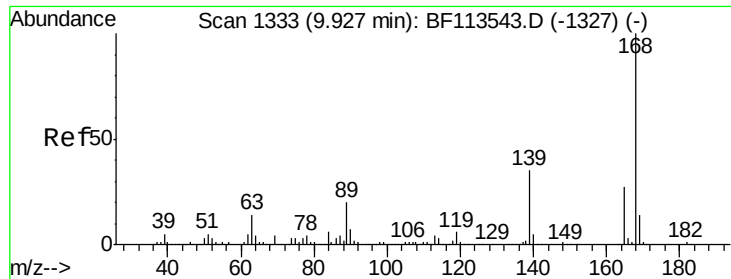
Tot Ion:138 Resp: 208493
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.6 11.4
 92 111.3 89.0 133.6



#54
 2,4-Dinitrophenol
 Concen: 39.041 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion:184 Resp: 90443
 Ion Ratio Lower Upper
 184 100
 63 58.0 46.4 69.6
 154 55.4 44.3 66.5

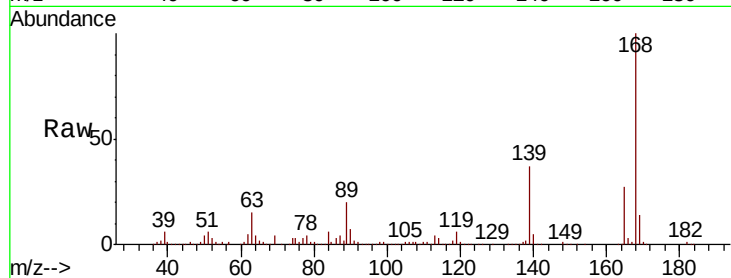




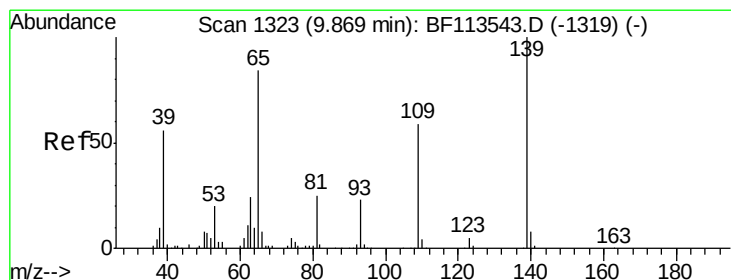
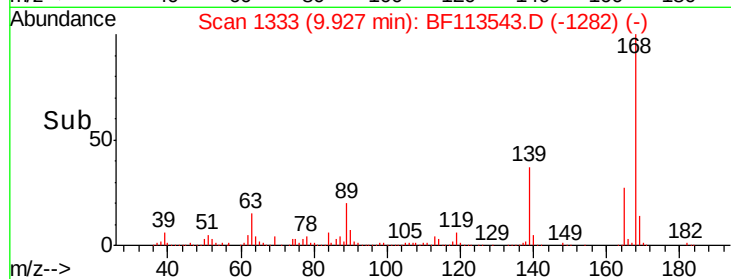
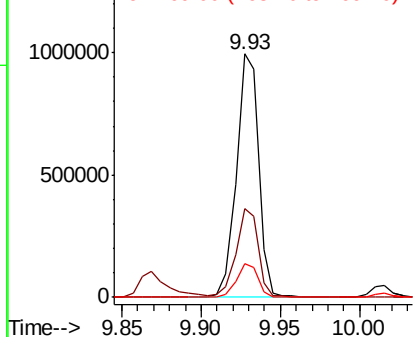
#55
Dibenzofuran
Concen: 39.421 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 966785
Ion Ratio Lower Upper
168 100
139 36.6 29.3 43.9
169 13.9 11.1 16.7

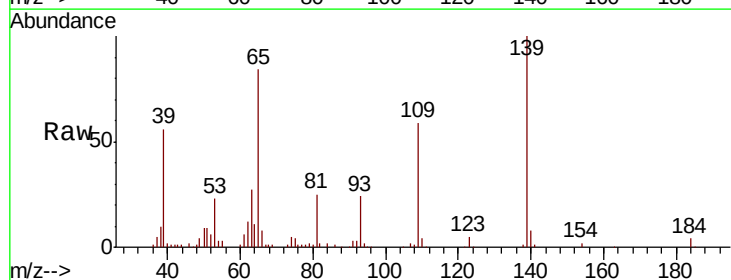


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

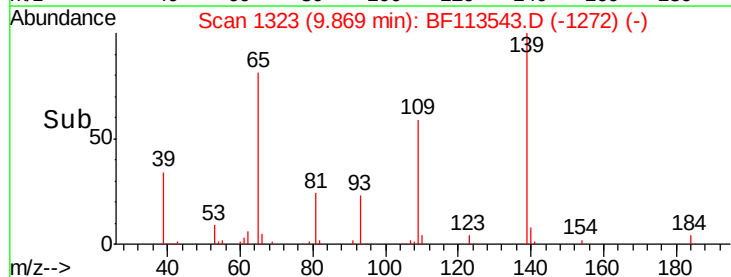
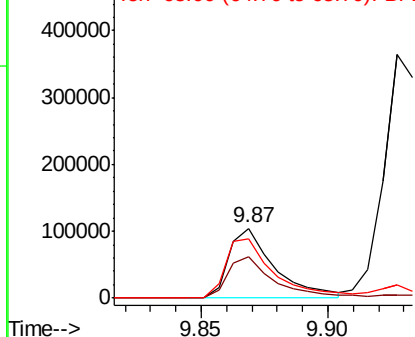


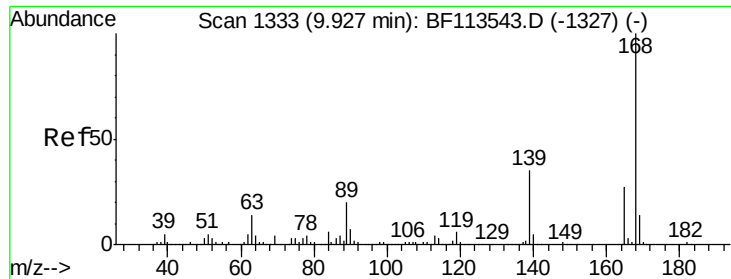
#56
4-Nitrophenol
Concen: 34.929 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Tgt Ion:139 Resp: 130801
Ion Ratio Lower Upper
139 100
109 58.9 38.9 78.9
65 84.4 64.4 104.4



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

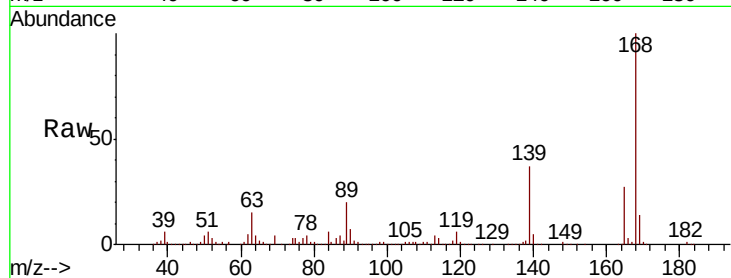




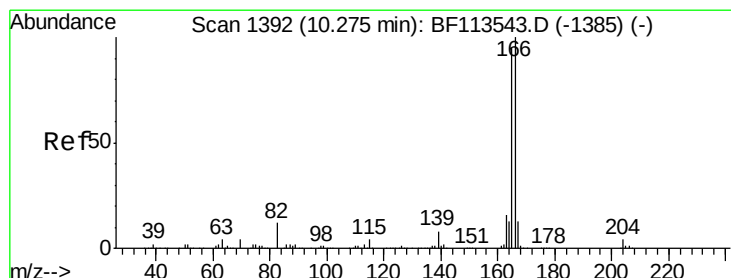
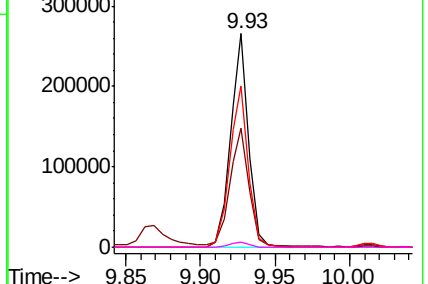
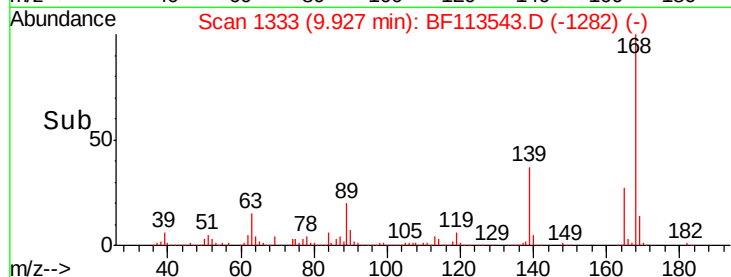
#57
 2,4-Dinitrotoluene
 Concen: 38.048 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	225370
Ion	Ratio	Lower	Upper
165	100		
63	55.9	44.7	67.1
89	75.5	60.4	90.6
182	2.4	1.9	2.9

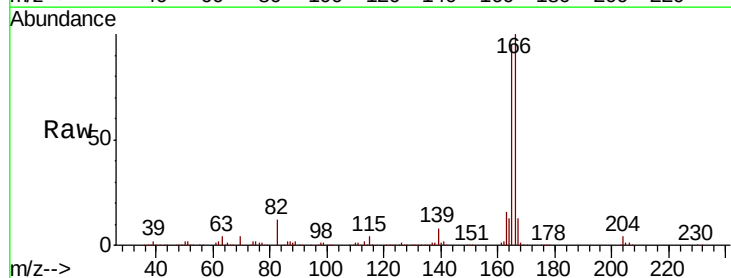


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

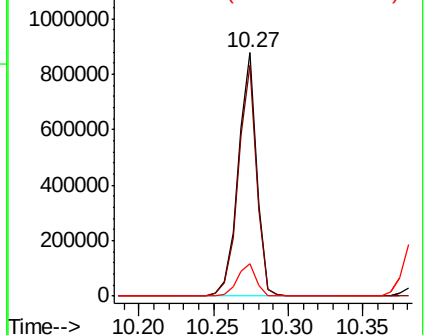
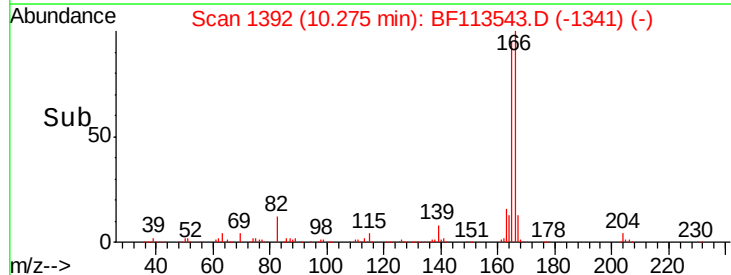


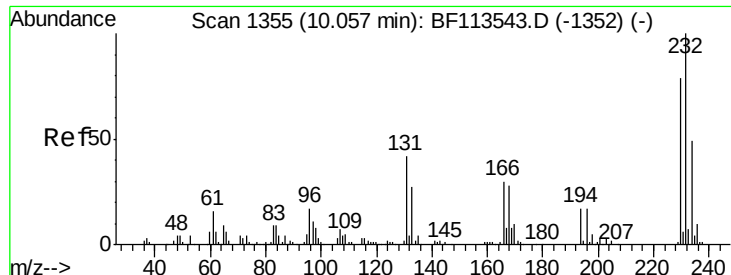
#58
 Fluorene
 Concen: 39.789 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion:	166	Resp:	758054
Ion	Ratio	Lower	Upper
166	100		
165	94.9	75.9	113.9
167	13.4	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

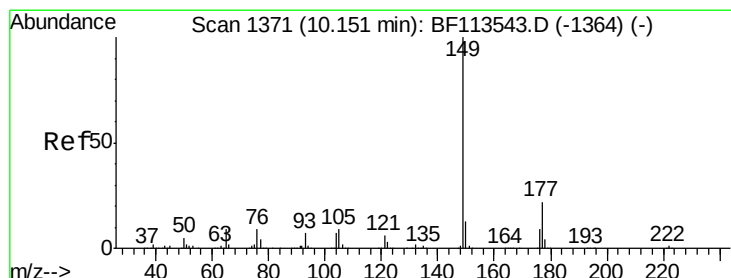
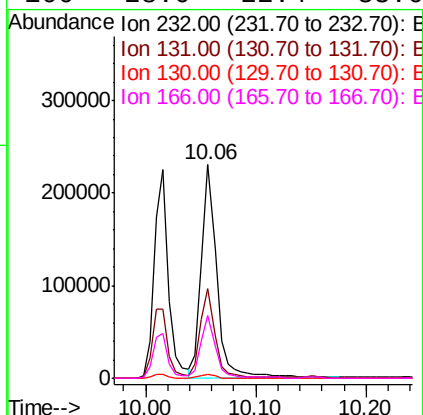
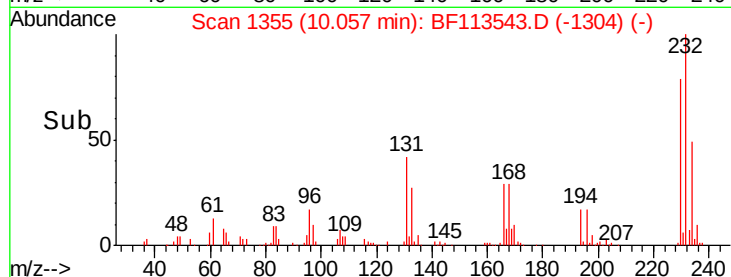
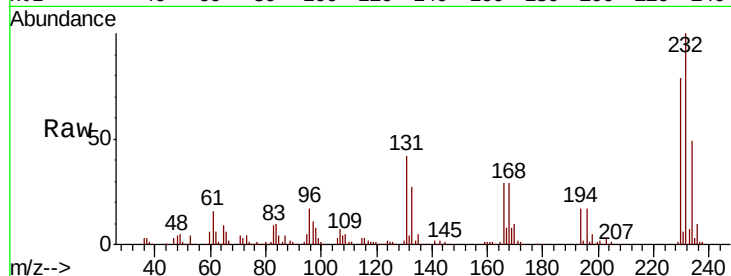




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.503 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

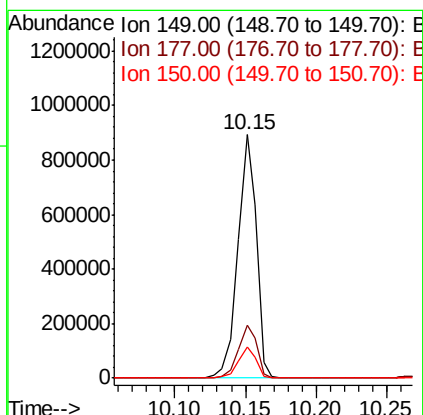
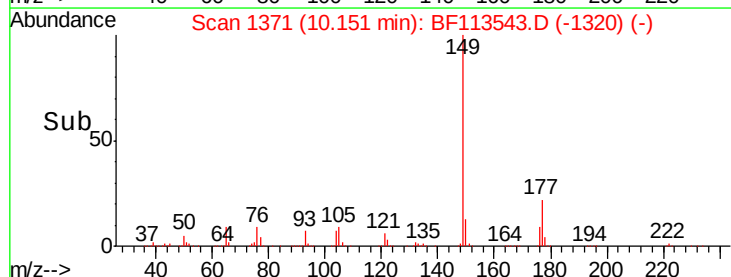
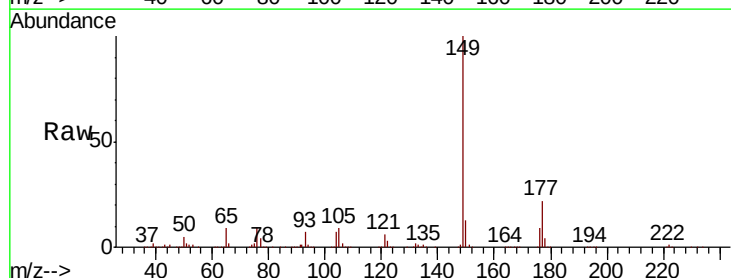
Instrument :
 BNA_F
 ClientSampleId :

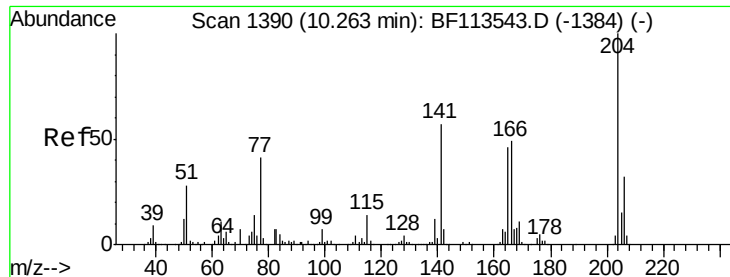
Tot Ion:	232	Resp:	215297
Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.6	50.4
130	1.8	1.4	2.2
166	28.0	22.4	33.6



#60
 Diethylphthalate
 Concen: 39.957 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion:	149	Resp:	809291
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	12.6	10.1	15.1

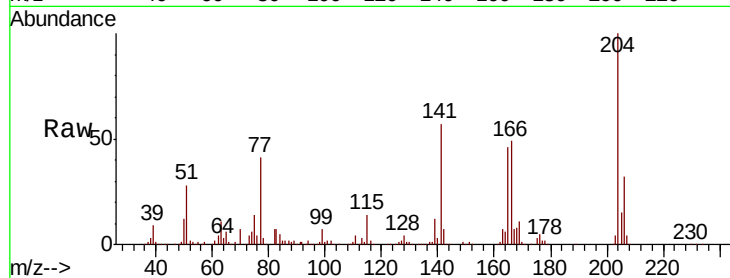




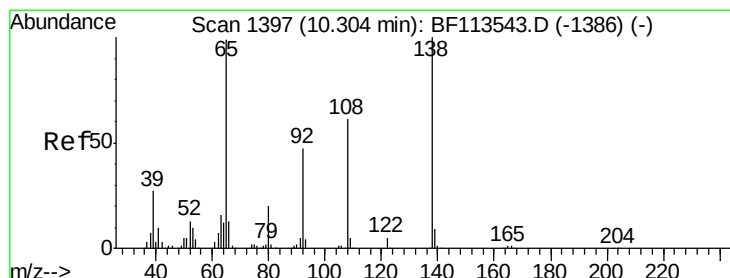
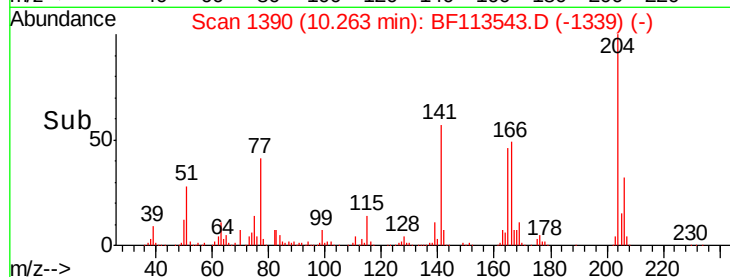
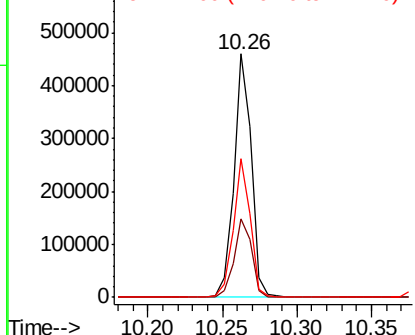
#61
 4-Chlorophenyl-phenylether
 Concen: 40.657 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 377517
 Ion Ratio Lower Upper
 204 100
 206 32.2 25.8 38.6
 141 57.0 45.6 68.4

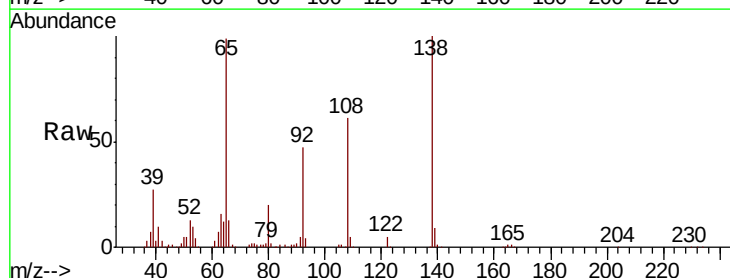


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

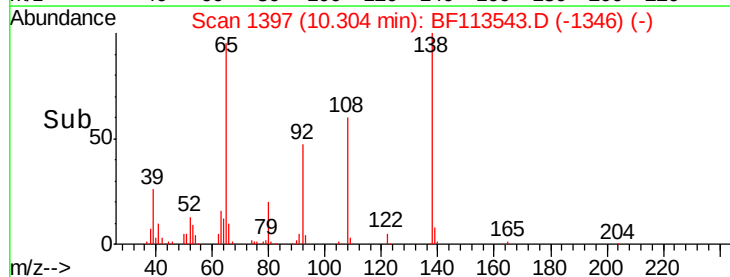
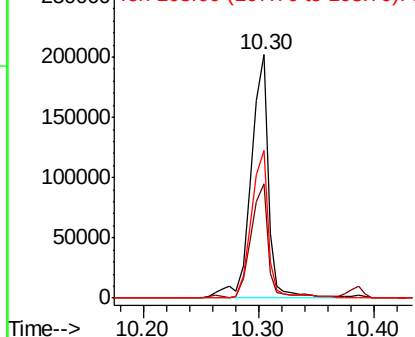


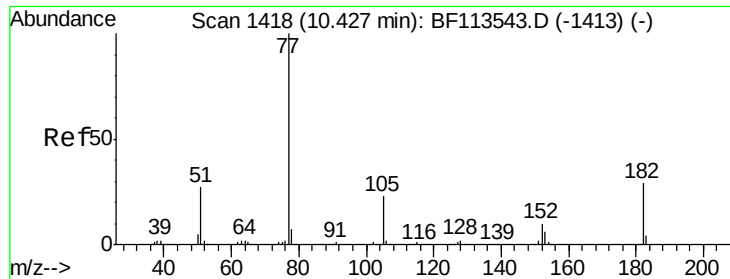
#62
 4-Nitroaniline
 Concen: 39.447 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion:138 Resp: 213331
 Ion Ratio Lower Upper
 138 100
 92 46.8 26.8 66.8
 108 60.8 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

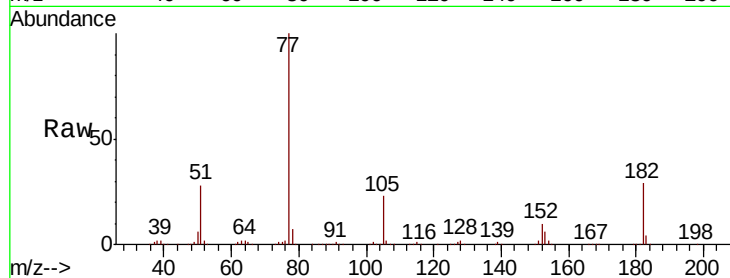




#63
Azobenzene
Concen: 40.027 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	9.1	49.1
105	23.4	3.4	43.4
51	27.7	7.7	47.7



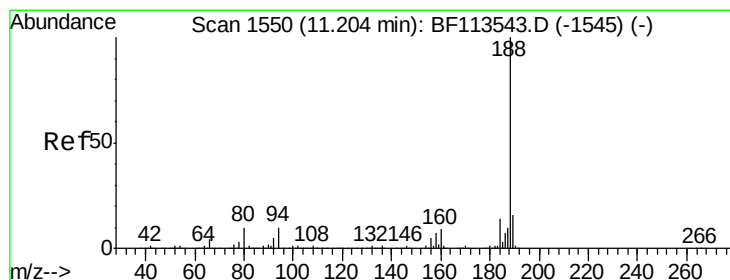
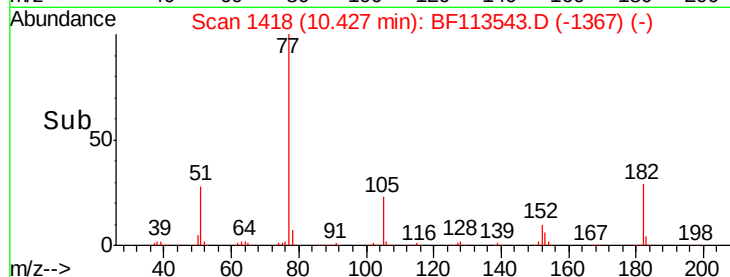
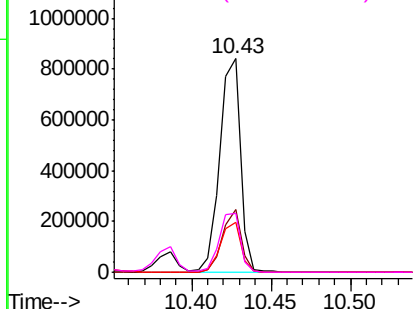
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

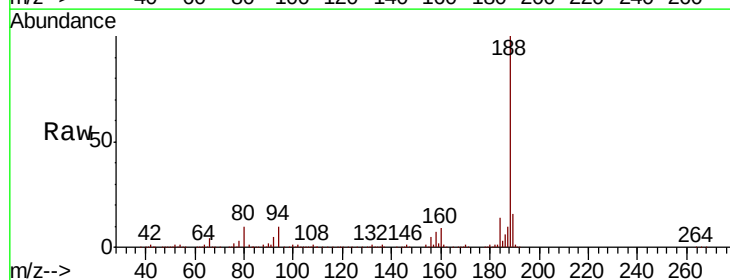
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.0	12.0
80	10.3	8.2	12.4

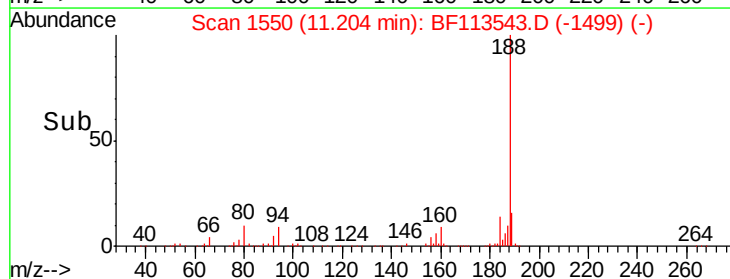
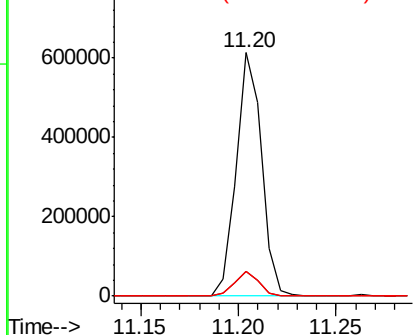


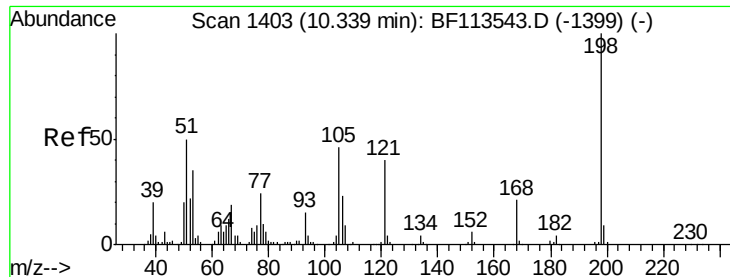
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

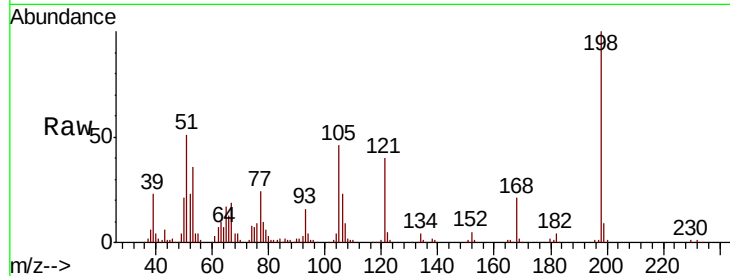




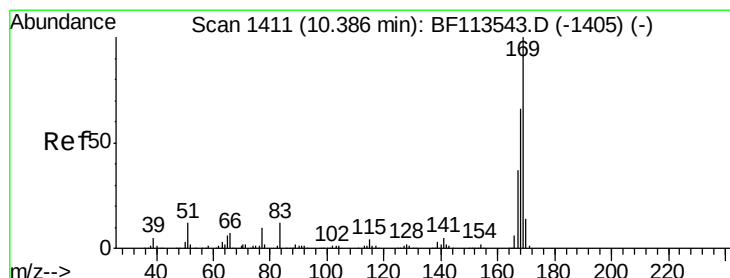
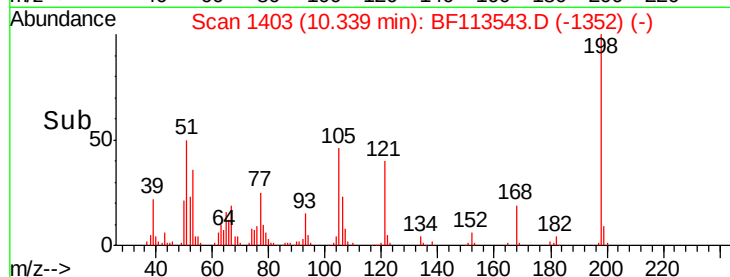
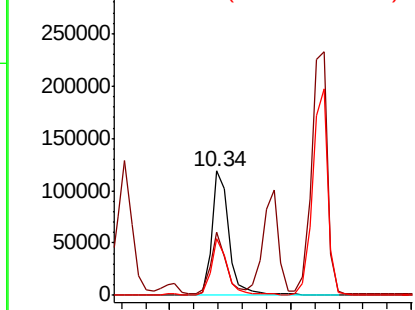
#65
4,6-Dinitro-2-methylphenol
Concen: 38.415 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 116313
Ion Ratio Lower Upper
198 100
51 51.0 31.0 71.0
105 46.1 26.1 66.1

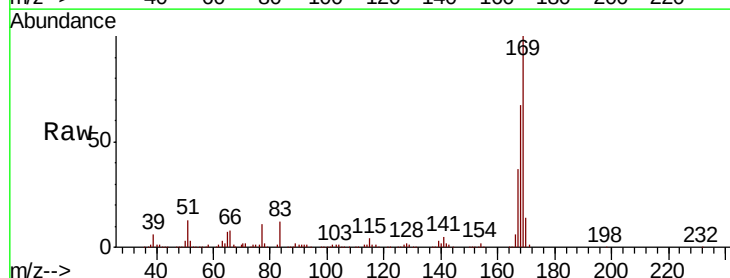


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

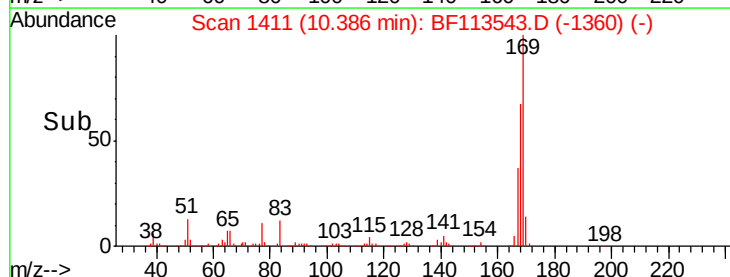
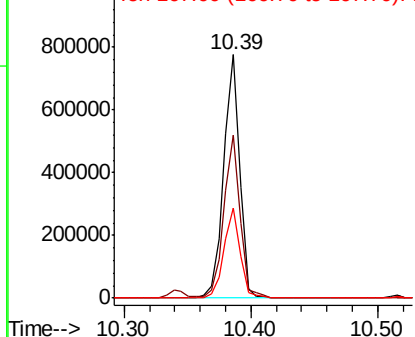


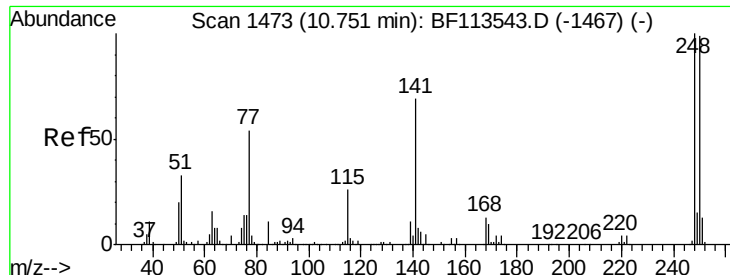
#66
n-Nitrosodiphenylamine
Concen: 40.116 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Tgt Ion:169 Resp: 681323
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 37.0 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

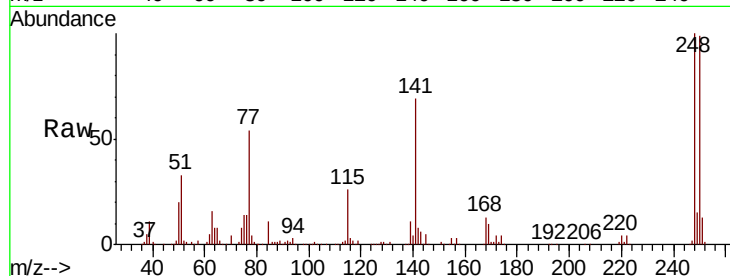




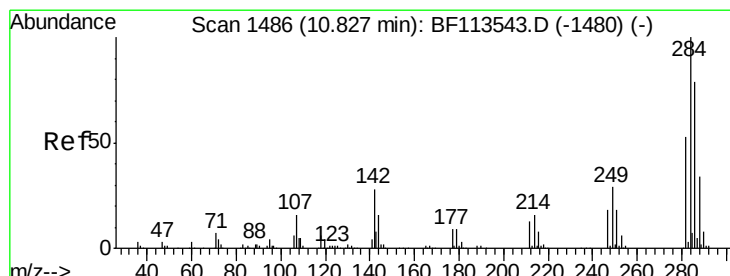
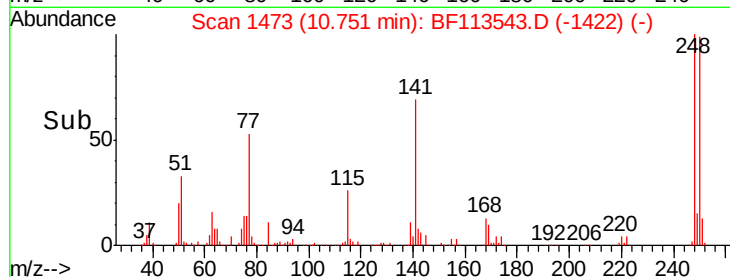
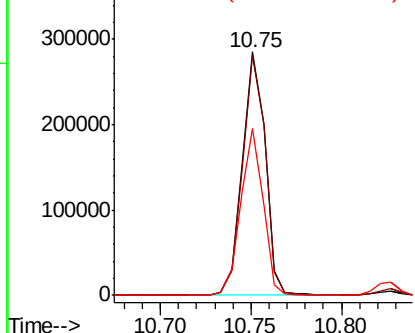
#67
 4-Bromophenyl-phenylether
 Concen: 41.734 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 251758
 Ion Ratio Lower Upper
 248 100
 250 98.6 78.9 118.3
 141 68.7 55.0 82.4

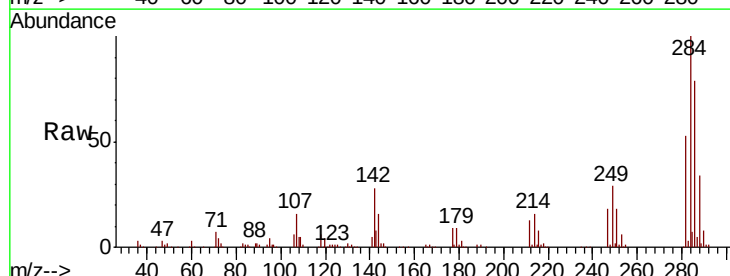


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

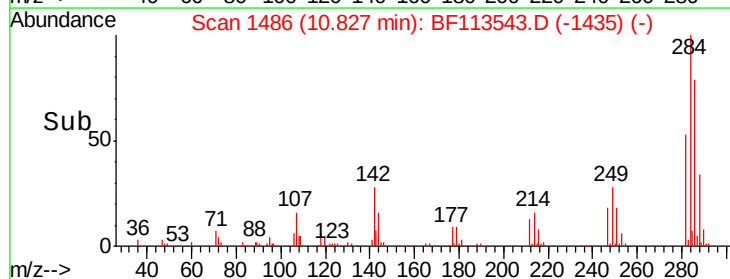
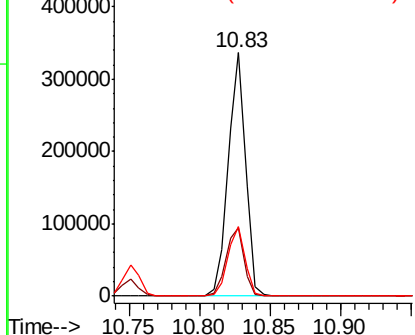


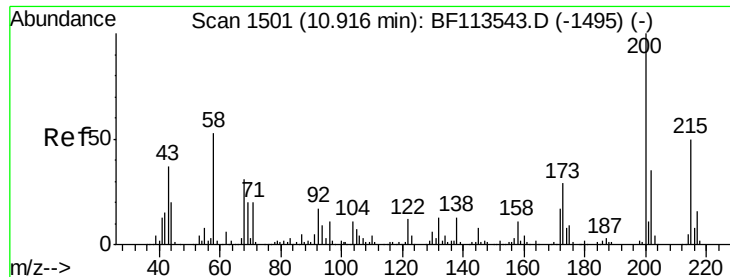
#68
 Hexachlorobenzene
 Concen: 41.169 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion:284 Resp: 288271
 Ion Ratio Lower Upper
 284 100
 142 28.1 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

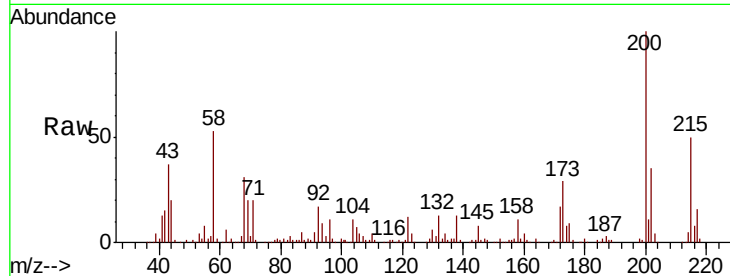




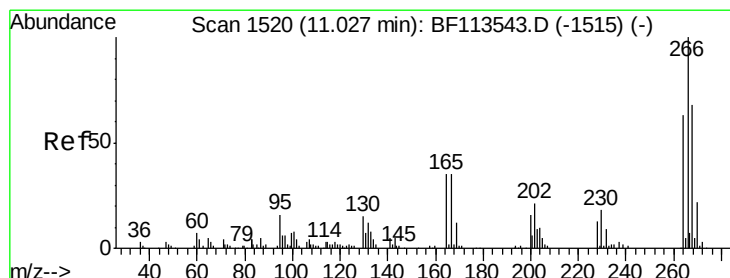
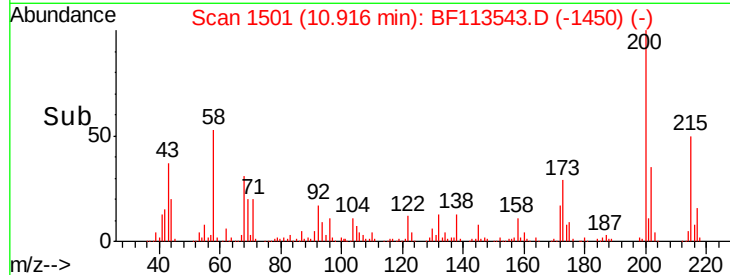
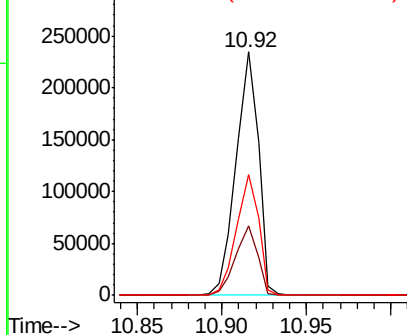
#69
 Atrazine
 Concen: 40.613 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 217715
 Ion Ratio Lower Upper
 200 100
 173 28.7 8.7 48.7
 215 49.6 29.6 69.6

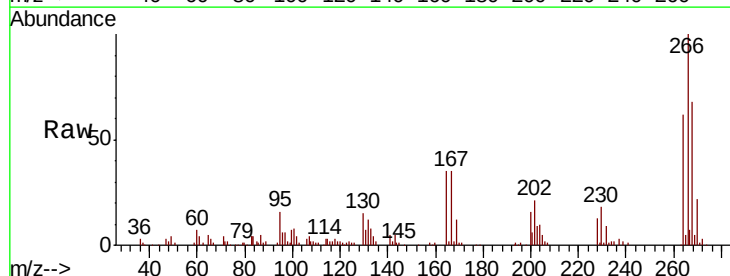


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

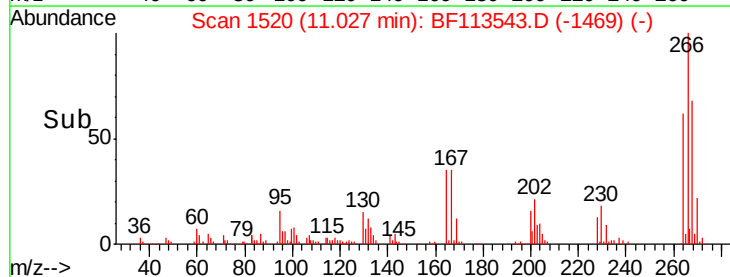
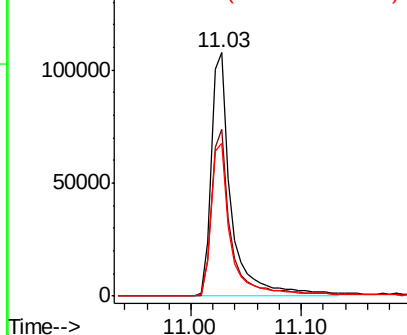


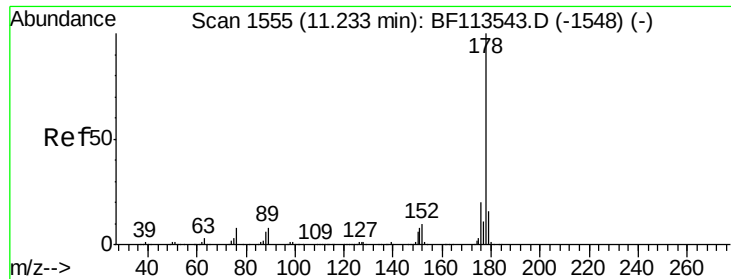
#70
 Pentachlorophenol
 Concen: 36.640 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion:266 Resp: 133668
 Ion Ratio Lower Upper
 266 100
 268 68.4 54.7 82.1
 264 62.5 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: 40.741 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

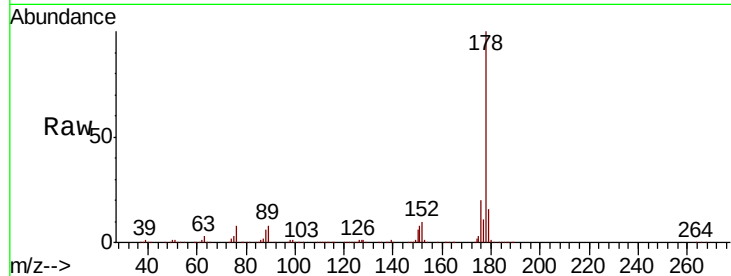
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1119800

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.8	12.6	19.0

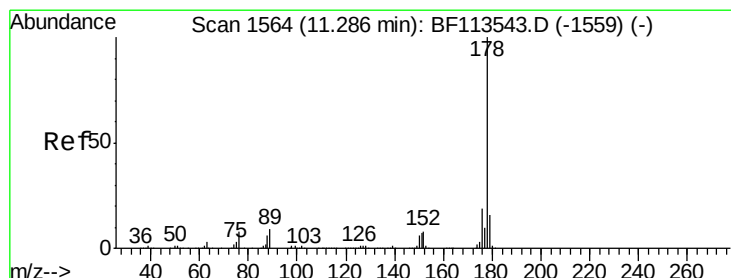
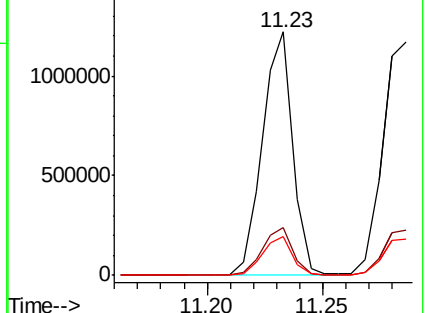
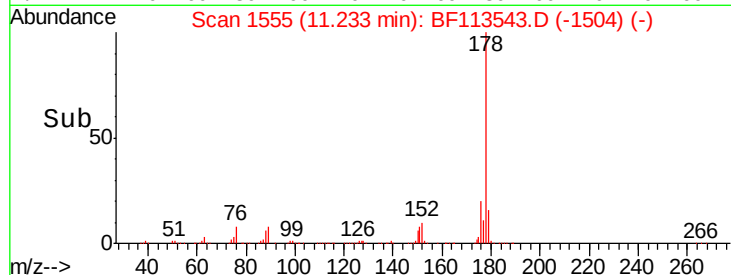


Abundance

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: 40.678 ng

RT: 11.29 min Scan# 1564

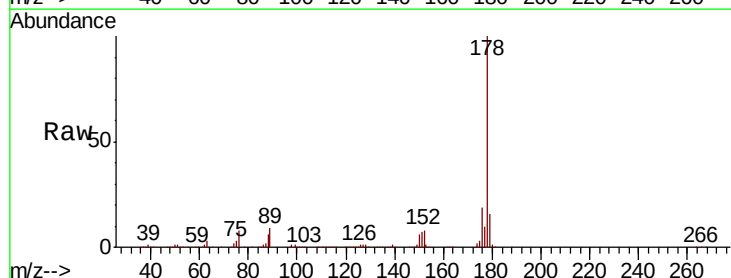
Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Tgt Ion:178 Resp: 1135666

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.6	12.5	18.7

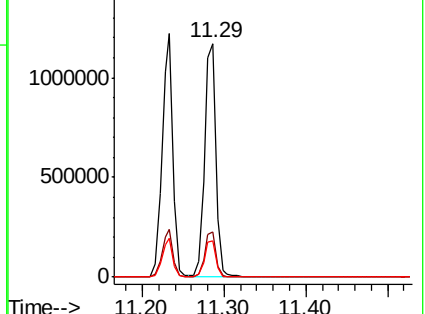
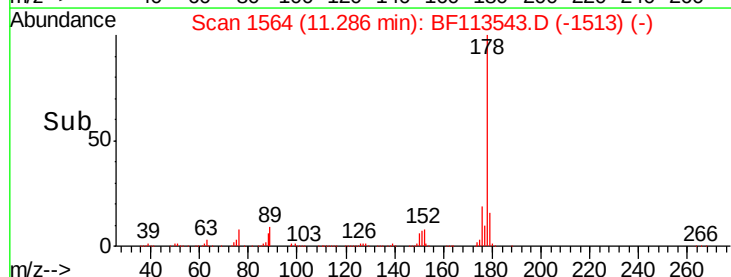


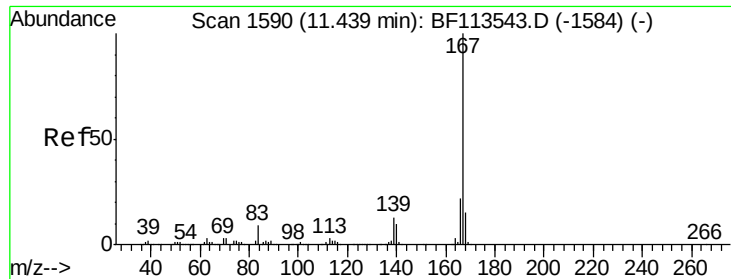
Abundance

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

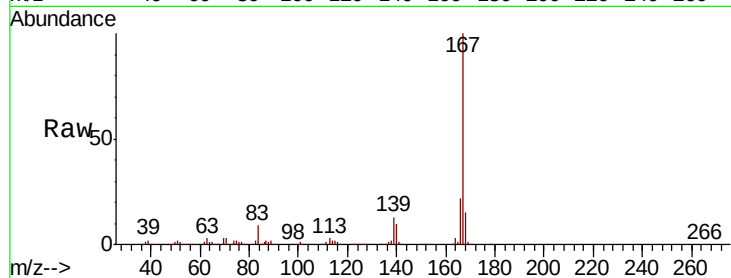




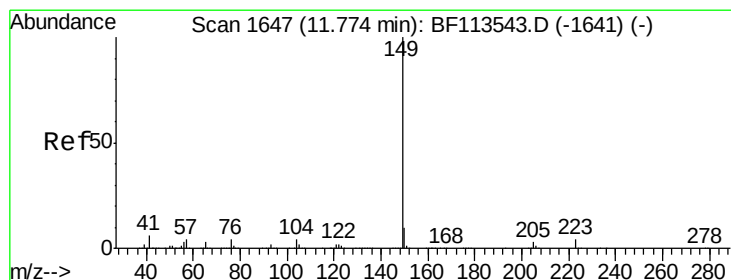
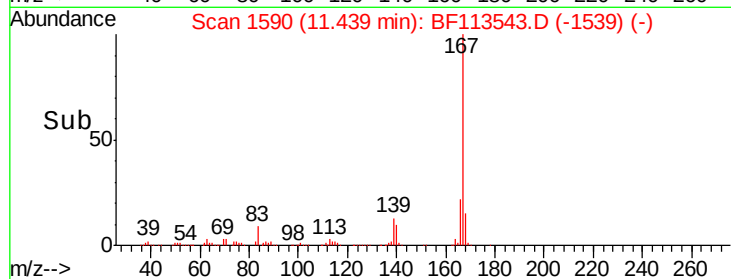
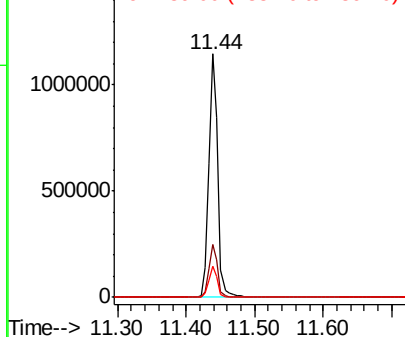
#73
 Carbazole
 Concen: 39.988 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1065302
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.9 10.3 15.5

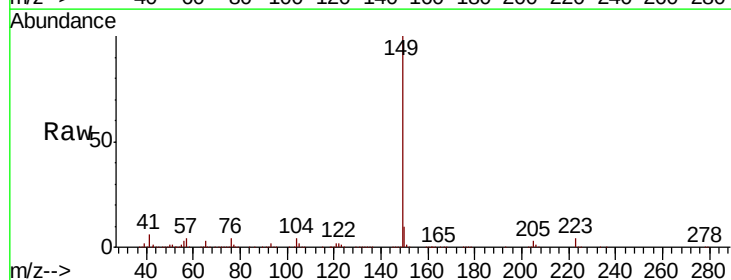


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

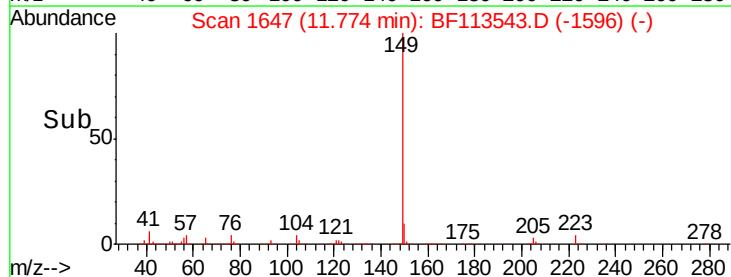
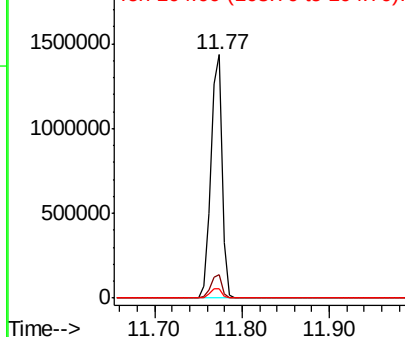


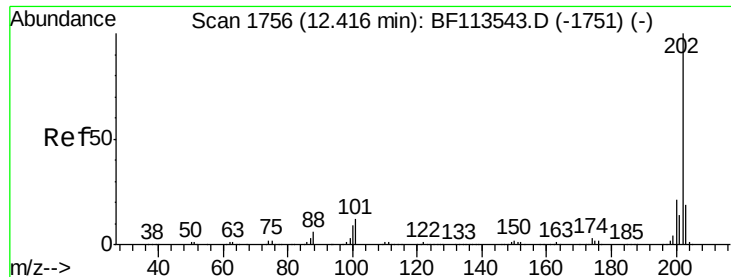
#74
 Di-n-butylphthalate
 Concen: 41.582 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion:149 Resp: 1284614
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.1 3.3 4.9



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

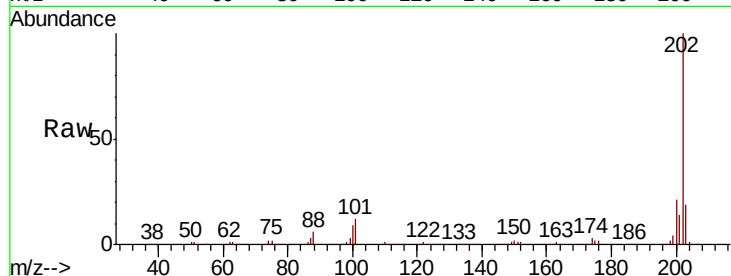




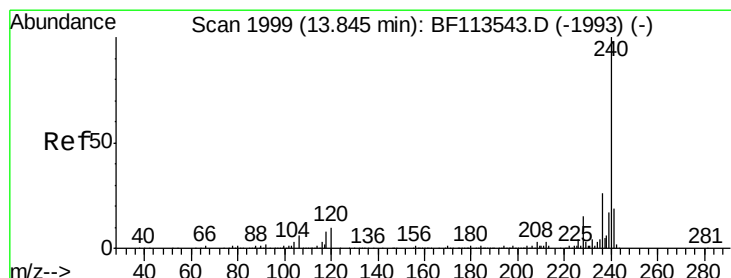
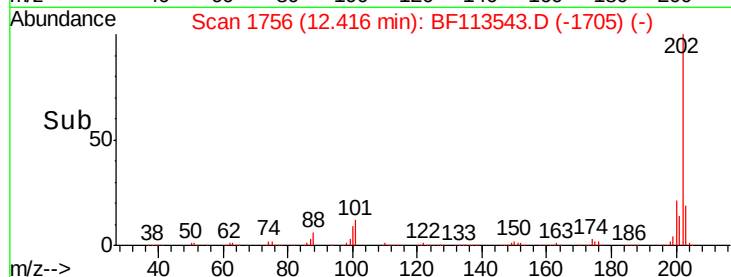
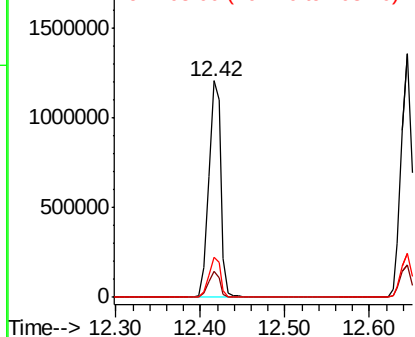
#75
 Fluoranthene
 Concen: 39.063 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1213779
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 32.2
 203 18.6 0.0 38.6

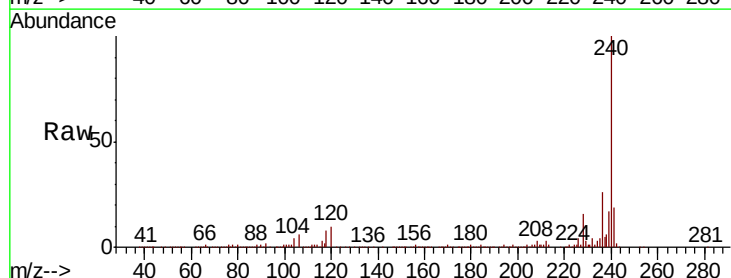


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

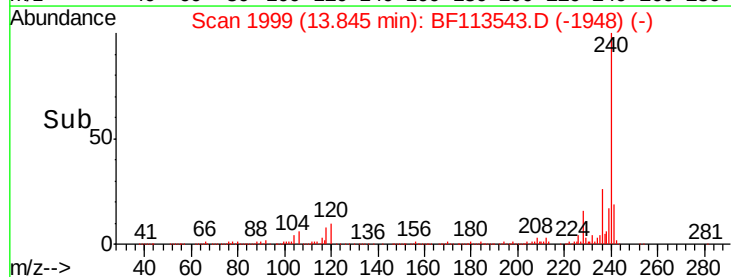
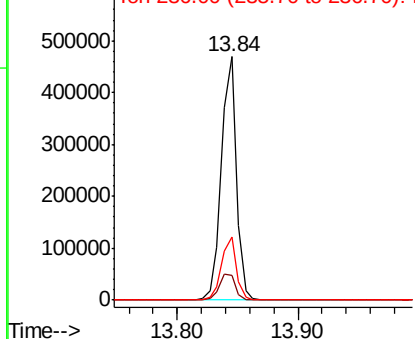


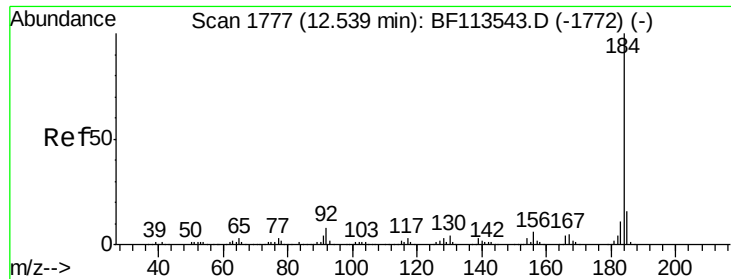
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF113543.D
 Acq: 3 Apr 2019 12:28

Tgt Ion:240 Resp: 401021
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.0 12.0
 236 26.1 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: 38.458 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

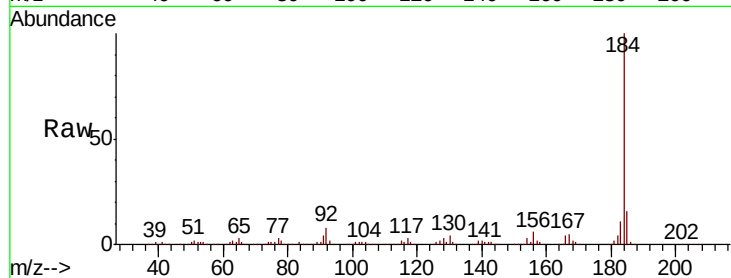
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 590597

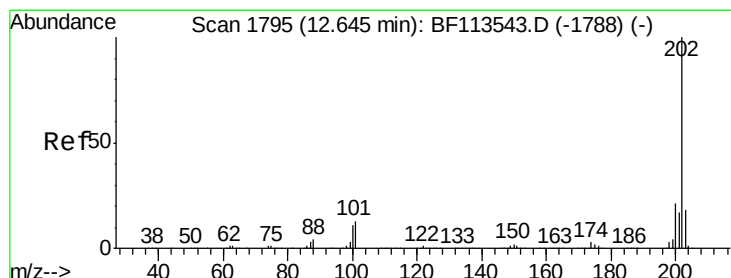
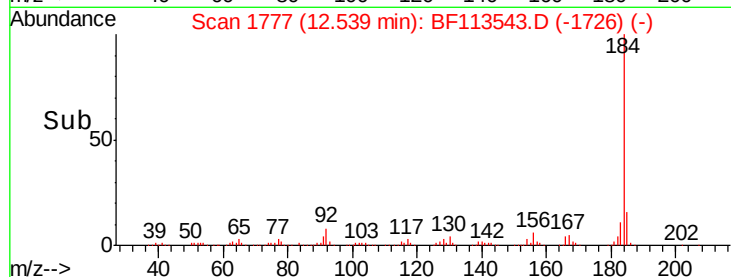
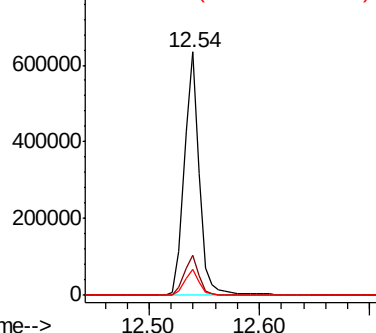
Ion	Ratio	Lower	Upper
184	100		
185	16.3	13.0	19.6
183	10.9	8.7	13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.649 ng

RT: 12.64 min Scan# 1795

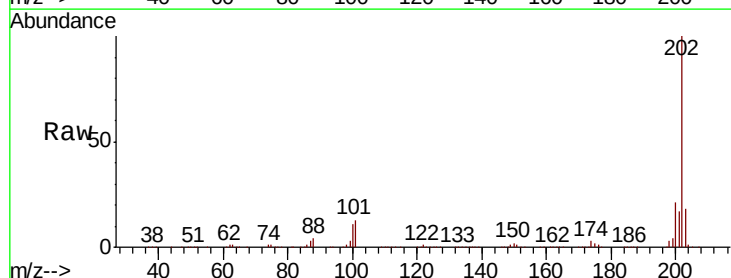
Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Tgt Ion:202 Resp: 1212967

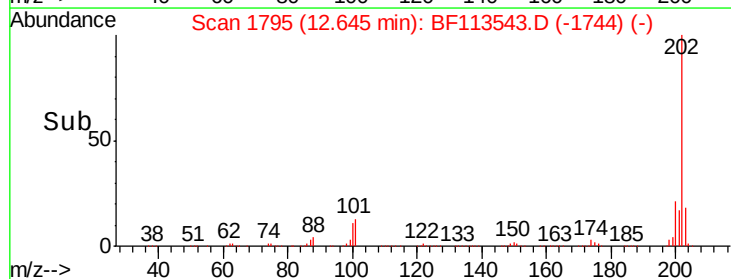
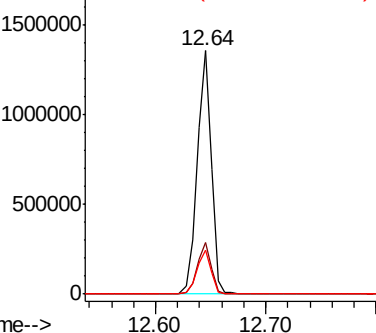
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.2	14.6	21.8

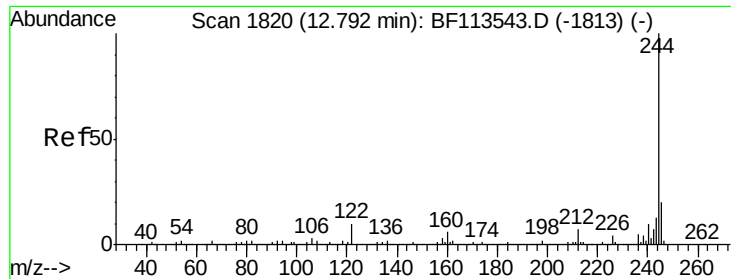


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.989 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

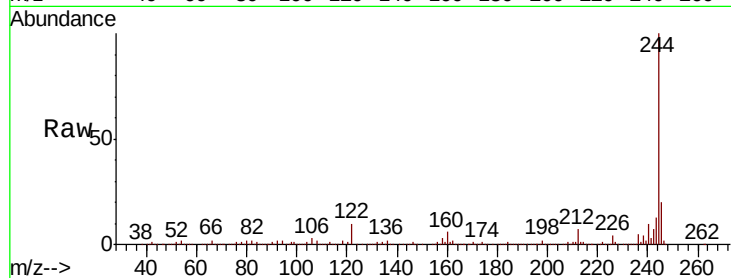
Tot Ion:244 Resp: 1564470

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 10.3 8.2 12.4

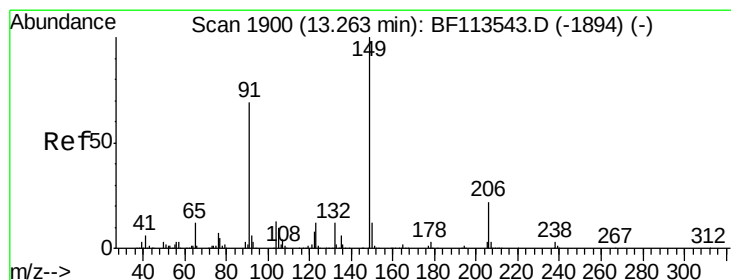
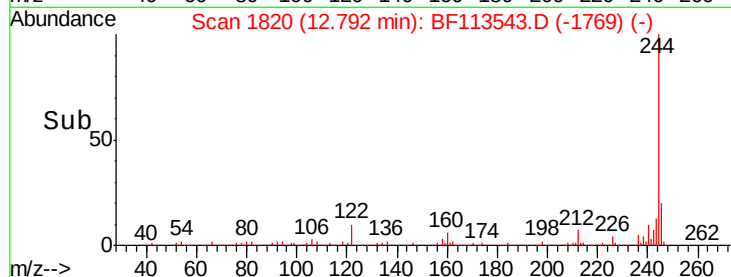
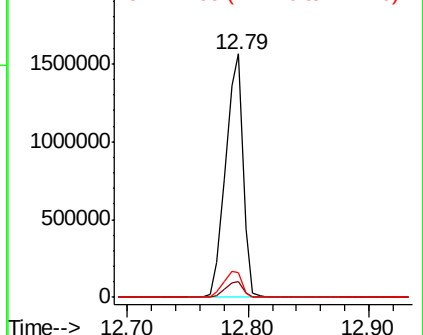


Abundance

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: 41.144 ng

RT: 13.26 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

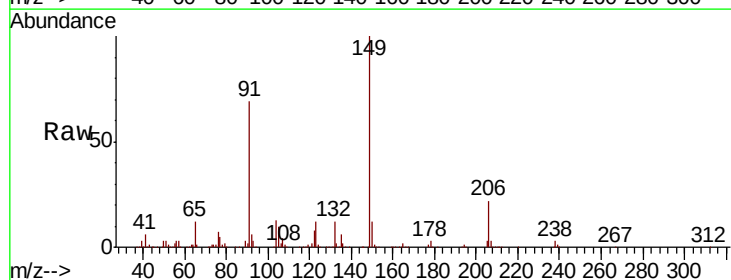
Tgt Ion:149 Resp: 503892

Ion Ratio Lower Upper

149 100

91 68.6 54.9 82.3

206 21.9 17.5 26.3

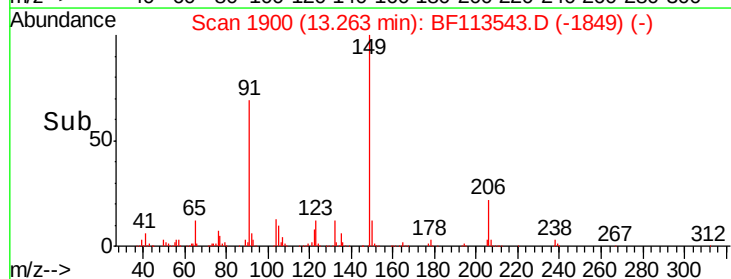
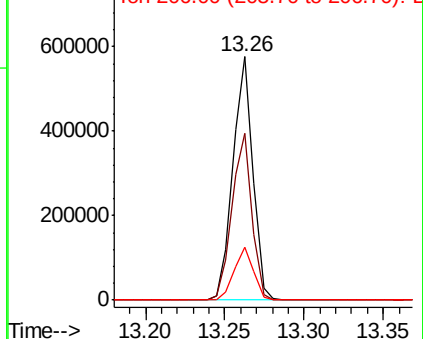


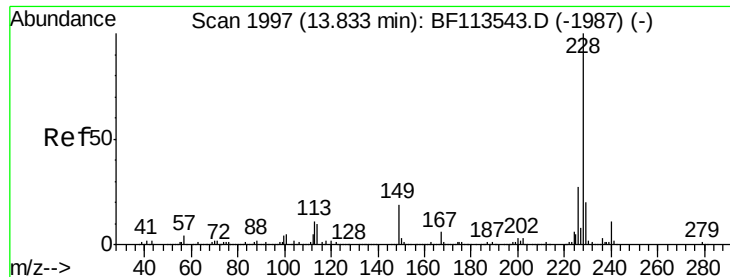
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.914 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Instrument :

BNA_F

ClientSampleId :

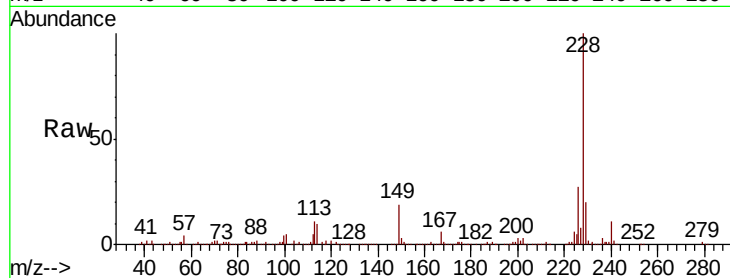
Tot Ion:228 Resp: 939194

Ion Ratio Lower Upper

228 100

226 26.5 21.2 31.8

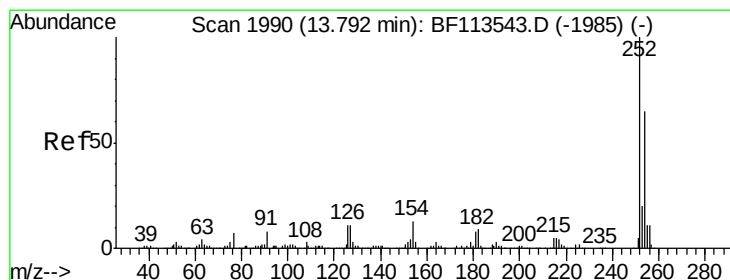
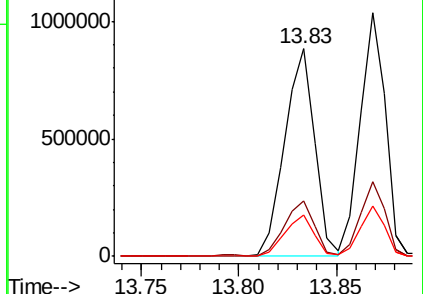
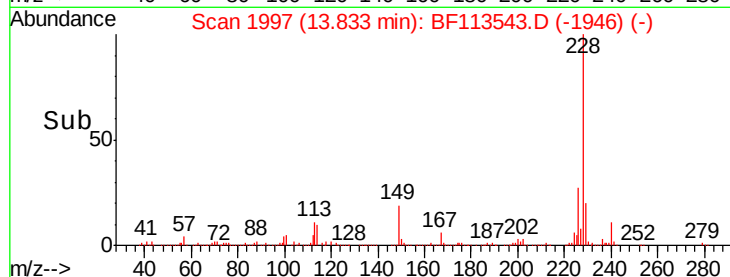
229 19.8 15.8 23.8



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: 40.007 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

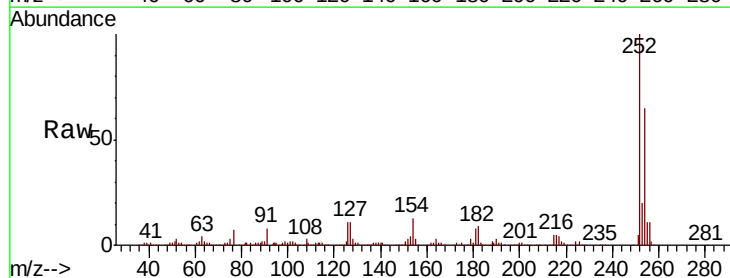
Tgt Ion:252 Resp: 368417

Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

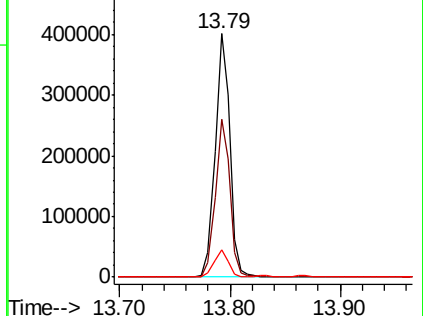
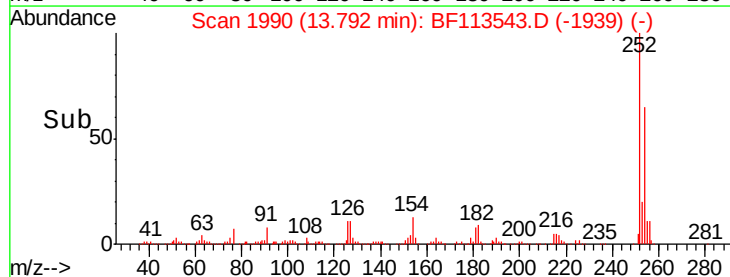
126 11.0 8.8 13.2

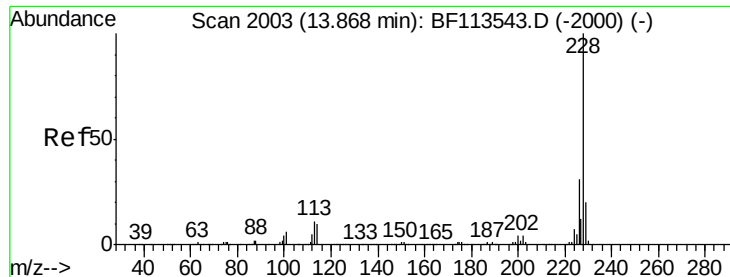


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.132 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

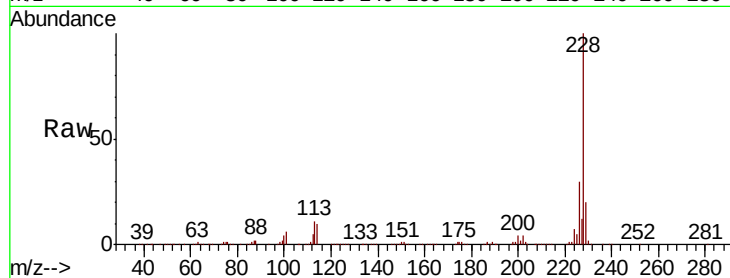
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 935729

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.4	16.3	24.5

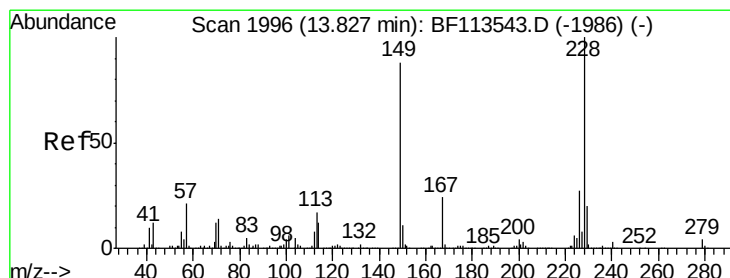
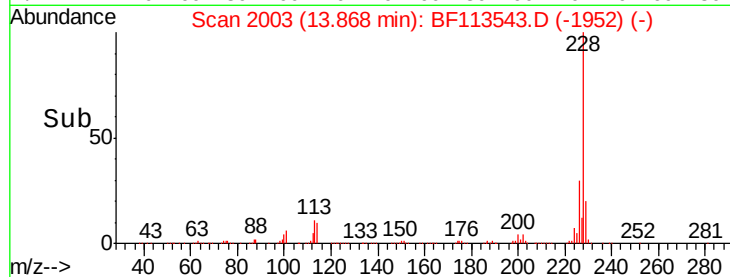
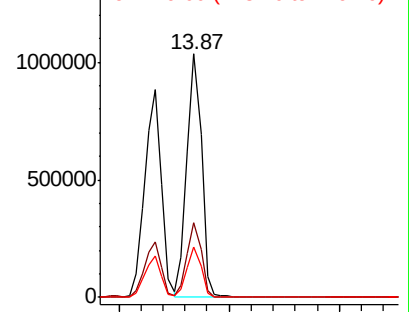


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.598 ng

RT: 13.83 min Scan# 1996

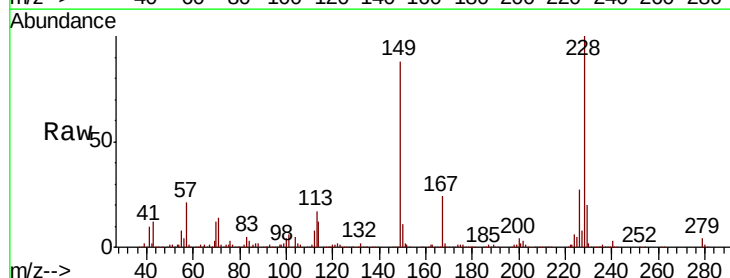
Delta R.T. 0.00 min

Lab File: BF113543.D

Acq: 3 Apr 2019 12:28

Tgt Ion:149 Resp: 609522

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	4.5	3.6	5.4

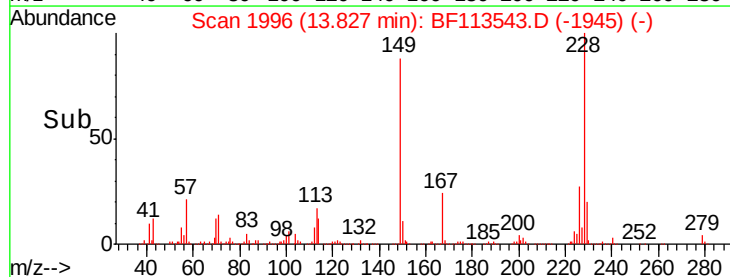
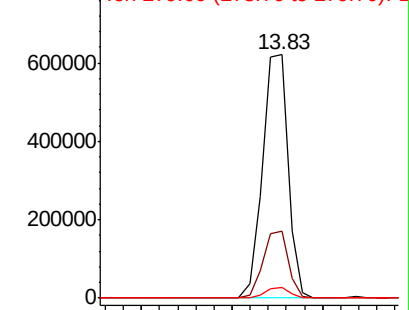


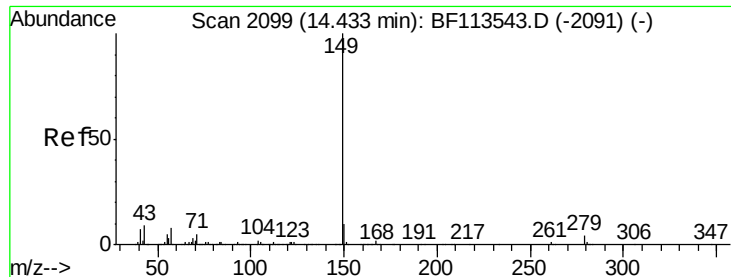
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

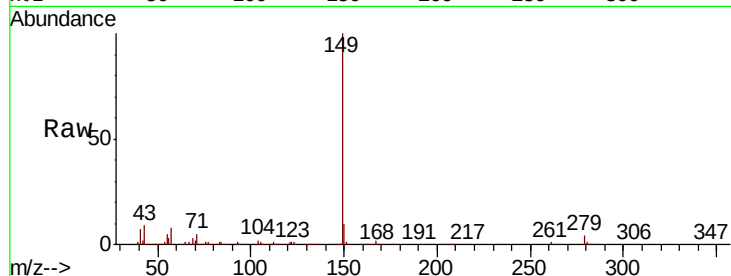




#85
Di-n-octyl phthalate
Concen: 38.213 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.6	7.7	11.5

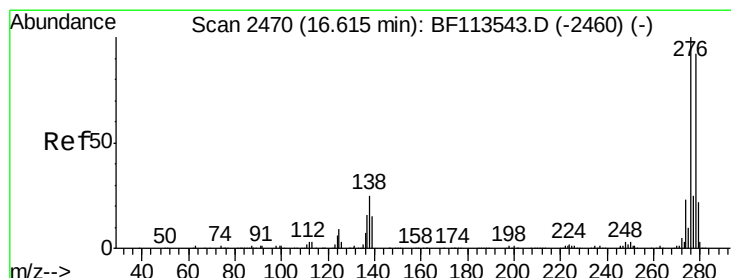
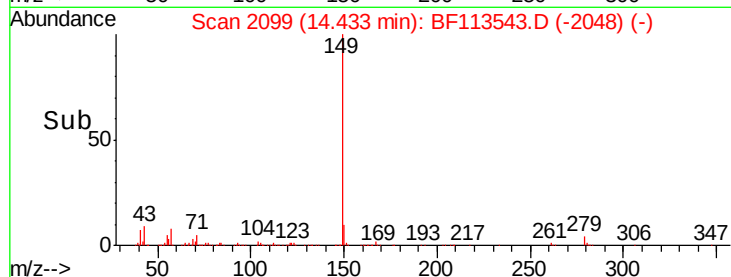
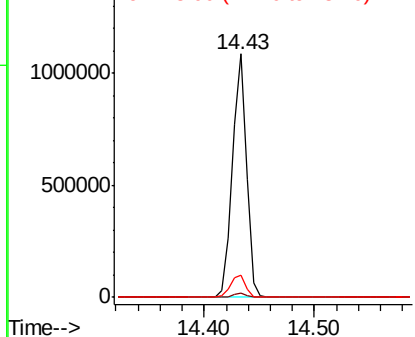


Abundance

Ion 149.00 (148.70 to 149.70): E

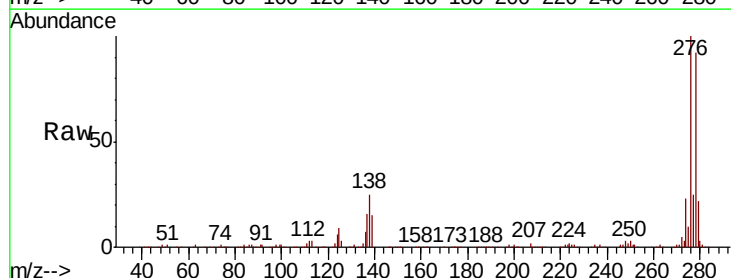
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.626 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.2	28.8
277	25.0	20.0	30.0

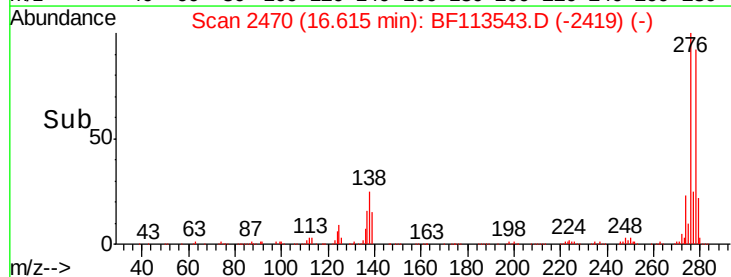
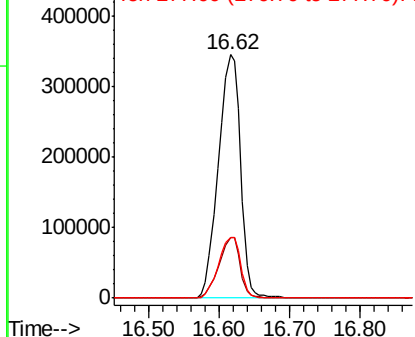


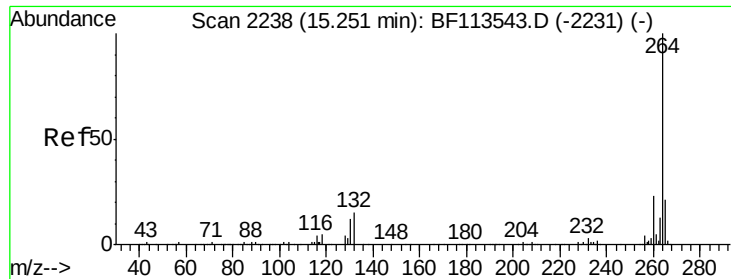
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



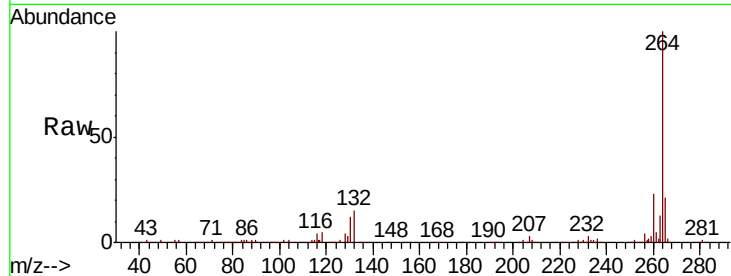


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

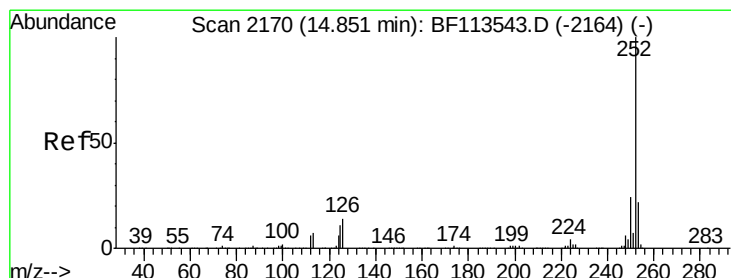
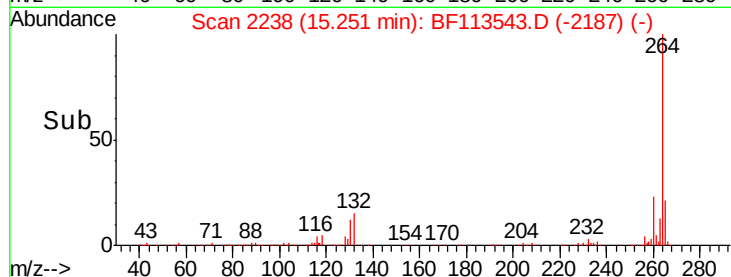
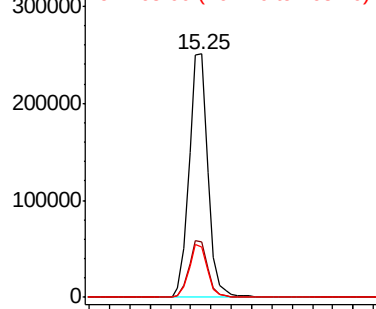
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 321983

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	20.7	16.6	24.8



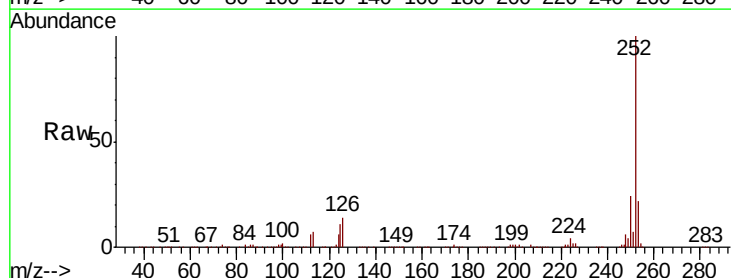
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



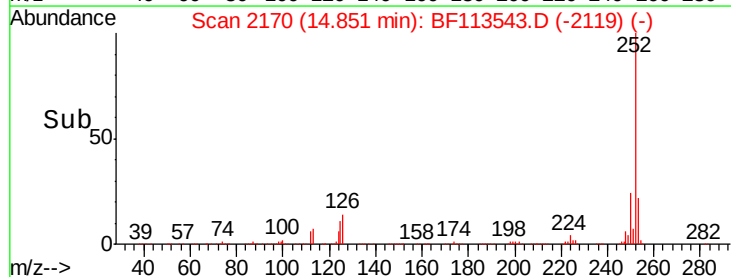
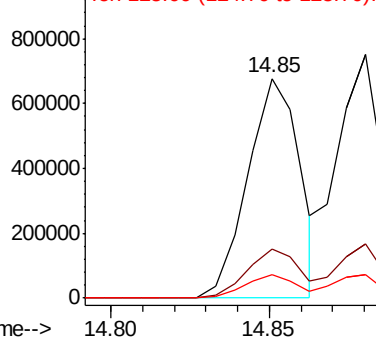
#88
Benzo(b)fluoranthene
Concen: 38.882 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

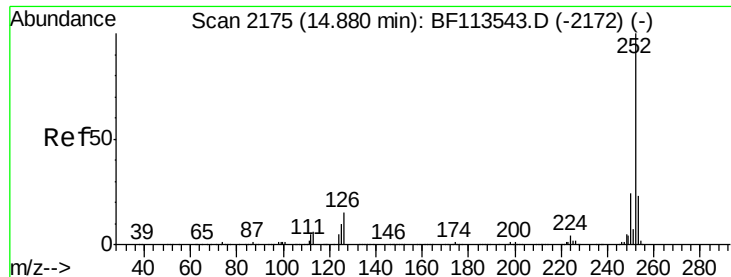
Tgt Ion:252 Resp: 777692

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.5	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

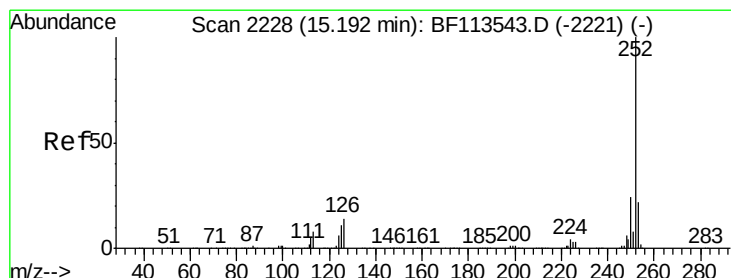
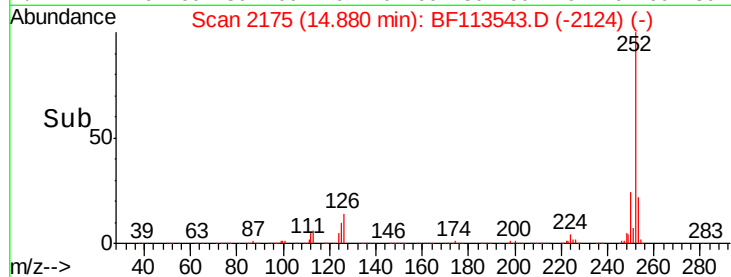
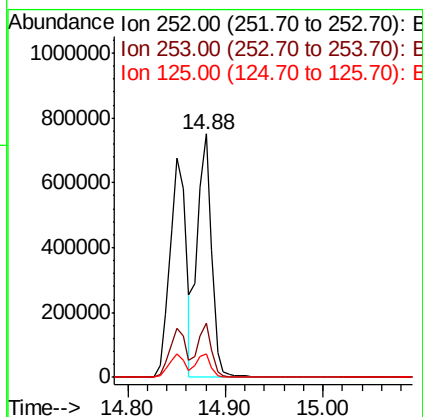
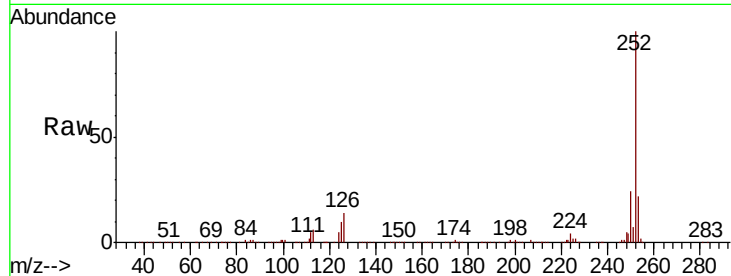




#89
Benzo(k)fluoranthene
Concen: 42.989 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

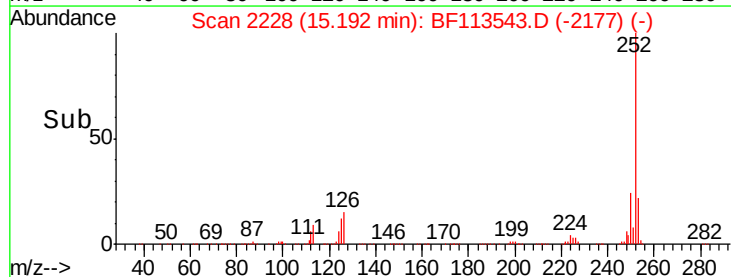
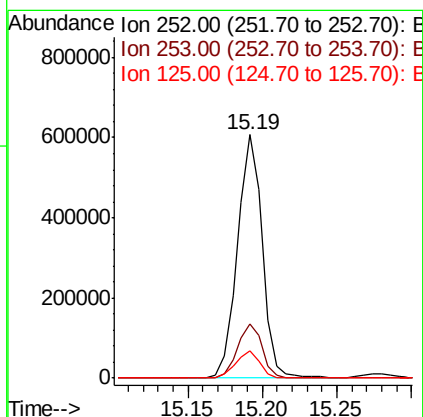
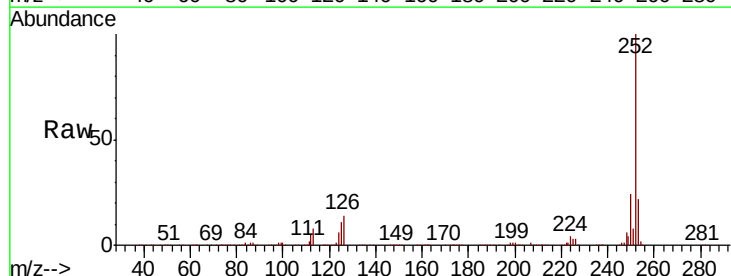
Instrument :
BNA_F
ClientSampleId :

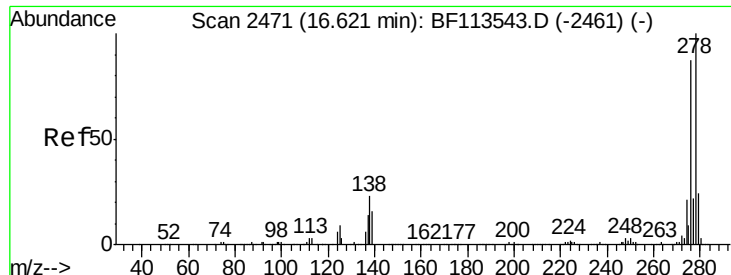
Tot Ion:252 Resp: 755108
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 39.551 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Tgt Ion:252 Resp: 701324
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.3 9.0 13.6

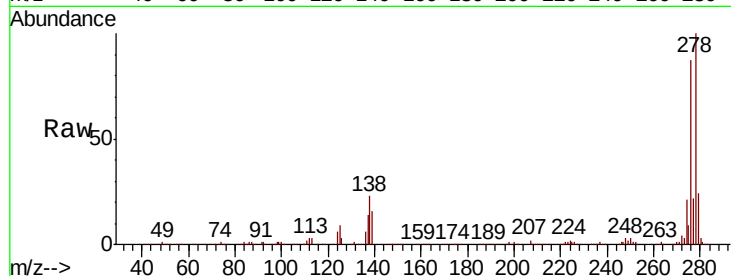




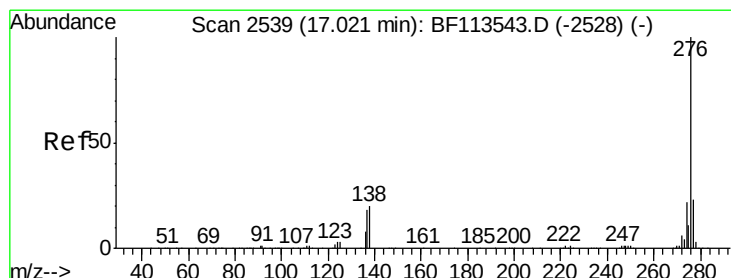
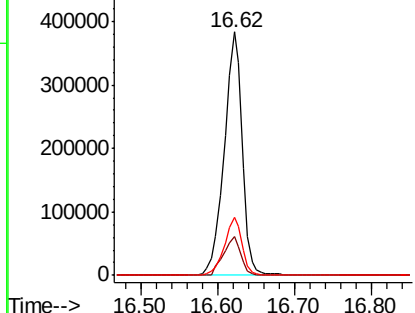
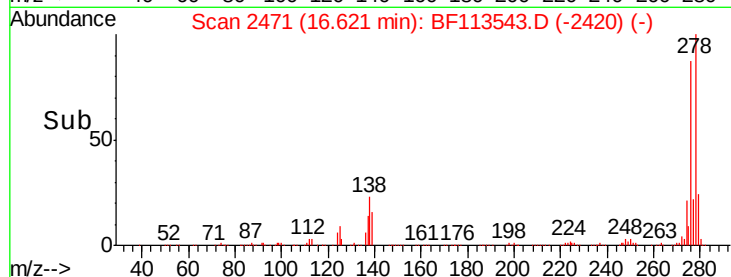
#91
Dibenzo(a,h)anthracene
Concen: 40.759 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 624925
Ion Ratio Lower Upper
278 100
139 15.7 12.6 18.8
279 23.6 18.9 28.3

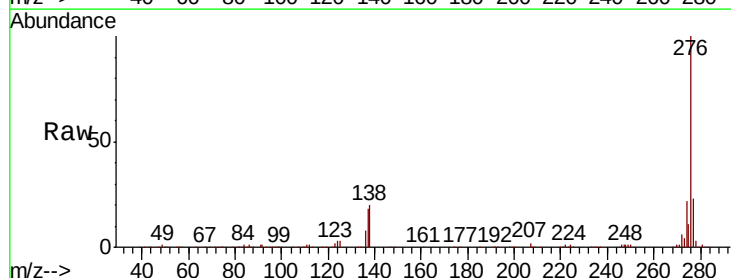


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.641 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF113543.D
Acq: 3 Apr 2019 12:28

Tgt Ion:276 Resp: 628280
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.3 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

