

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113585.D
 Acq On : 4 Apr 2019 16:05
 Operator : JU/SJ
 Sample : K1560-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:31:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	158047	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	596449	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	302777	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	609310	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	522587	20.00	ng	-0.02
87) Perylene-d12	15.22	264	459848	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1134061	122.36	ng	0.00
7) Phenol-d6	6.33	99	1473317	128.97	ng	0.00
23) Nitrobenzene-d5	7.25	82	920970	90.45	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	468729	128.87	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1687759	89.74	ng	-0.01
79) Terphenyl-d14	12.77	244	1900463	74.04	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.34	88	32449	7.392	ng	100
3) Pyridine	3.15	79	73631	6.409	ng	96
4) n-Nitrosodimethylamine	2.99	42	35472	7.267	ng	96
6) Aniline	6.35	93	119932	8.662	ng	95
8) 2-Chlorophenol	6.47	128	87811	8.189	ng	99
9) Benzaldehyde	6.23	77	64162	9.446	ng	97
10) Phenol	6.35	94	107852	8.267	ng	95
11) bis(2-Chloroethyl)ether	6.42	93	81050	7.986	ng	98
12) 1,3-Dichlorobenzene	6.62	146	94804	8.209	ng	96
13) 1,4-Dichlorobenzene	6.70	146	97206	8.330	ng	99
14) 1,2-Dichlorobenzene	6.85	146	89572	8.503	ng	98
15) Benzyl Alcohol	6.83	79	72940	9.443	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	133276	8.437	ng	95
17) 2-Methylphenol	6.95	107	69419	8.353	ng	99
18) Hexachloroethane	7.19	117	33927	7.987	ng	91
19) n-Nitroso-di-n-propylamine	7.10	70	62188	8.828	ng	98
20) 3+4-Methylphenols	7.11	107	91476	9.085	ng	93
22) Acetophenone	7.09	105	120156	9.172	ng	# 96
24) Nitrobenzene	7.26	77	94848	9.045	ng	94
25) Isophorone	7.50	82	169652	8.649	ng	99
26) 2-Nitrophenol	7.59	139	47155	8.355	ng	91
27) 2,4-Dimethylphenol	7.63	122	68356	8.472	ng	100
28) bis(2-Chloroethoxy)methane	7.72	93	108761	8.770	ng	100
29) 2,4-Dichlorophenol	7.84	162	73834	8.553	ng	100
30) 1,2,4-Trichlorobenzene	7.91	180	81192	8.661	ng	96
31) Naphthalene	7.98	128	264127	9.140	ng	98
32) Benzoic acid	7.74	122	29221	4.677	ng	97
33) 4-Chloroaniline	8.04	127	107350	9.368	ng	97
34) Hexachlorobutadiene	8.10	225	49095	8.590	ng	98
35) Caprolactam	8.39	113	24502	8.941	ng	96
36) 4-Chloro-3-methylphenol	8.53	107	76944	8.879	ng	97
37) 2-Methylnaphthalene	8.67	142	178184	9.375	ng	99
38) 1-Methylnaphthalene	8.77	142	171837	9.376	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	84792	8.659	ng	99

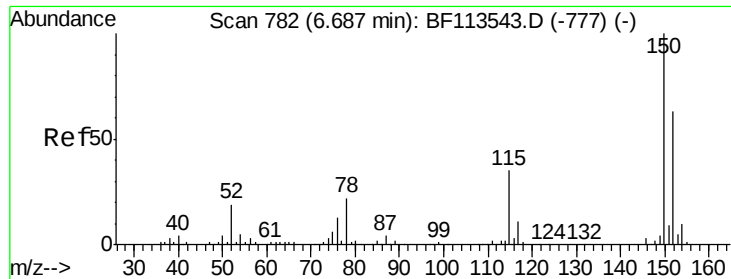
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040419\
 Data File : BF113585.D
 Acq On : 4 Apr 2019 16:05
 Operator : JU/SJ
 Sample : K1560-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:31:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	5366	14.659	ng	90
43) 2,4,6-Trichlorophenol	8.96	196	50338	8.144	ng	97
44) 2,4,5-Trichlorophenol	9.01	196	53291	8.031	ng	99
46) 1,1'-Biphenyl	9.14	154	228243	9.135	ng	98
47) 2-Chloronaphthalene	9.16	162	167817	8.871	ng	98
48) 2-Nitroaniline	9.26	65	48430	8.367	ng	91
49) Acenaphthylene	9.57	152	288718	9.386	ng	99
50) Dimethylphthalate	9.43	163	195517	8.760	ng	100
51) 2,6-Dinitrotoluene	9.50	165	43093	8.759	ng	97
52) Acenaphthene	9.75	154	162705	9.240	ng	98
53) 3-Nitroaniline	9.67	138	48350	8.644	ng	89
54) 2,4-Dinitrophenol	9.80	184	10982	4.771	ng	85
55) Dibenzofuran	9.92	168	251385	9.732	ng	97
56) 4-Nitrophenol	9.86	139	19292	5.560	ng	96
57) 2,4-Dinitrotoluene	9.91	165	55304	9.295	ng	91
58) Fluorene	10.26	166	199280	9.755	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	48347	8.417	ng	# 98
60) Diethylphthalate	10.13	149	192479	8.945	ng	98
61) 4-Chlorophenyl-phenylether	10.25	204	94706	9.425	ng	92
62) 4-Nitroaniline	10.28	138	48582	8.541	ng	96
63) Azobenzene	10.41	77	181961	8.931	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	19460	6.067	ng	93
66) n-Nitrosodiphenylamine	10.37	169	169517	9.062	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	60759	8.891	ng	98
68) Hexachlorobenzene	10.81	284	69591	8.888	ng	97
69) Atrazine	10.89	200	53792	9.124	ng	95
70) Pentachlorophenol	11.02	266	21744	5.893	ng	95
71) Phenanthrene	11.22	178	286325	9.457	ng	97
72) Anthracene	11.26	178	295648	9.598	ng	98
73) Carbazole	11.42	167	275249	9.554	ng	98
74) Di-n-butylphthalate	11.75	149	308405	8.998	ng	99
75) Fluoranthene	12.40	202	316044	9.741	ng	99
77) Benzidine	12.52	184	146028	7.514	ng	99
78) Pyrene	12.62	202	323747	8.142	ng	99
80) Butylbenzylphthalate	13.24	149	122801	7.587	ng	97
81) Benzo(a)anthracene	13.81	228	266480	8.840	ng	98
82) 3,3'-Dichlorobenzidine	13.77	252	104667	9.014	ng	99
83) Chrysene	13.84	228	271384	8.881	ng	98
84) Bis(2-ethylhexyl)phthalate	13.80	149	162316	8.294	ng	# 98
85) Di-n-octyl phthalate	14.40	149	266330	8.372	ng	100
86) Indeno(1,2,3-cd)pyrene	16.57	276	207543	7.356	ng	98
88) Benzo(b)fluoranthene	14.82	252	255280	9.069	ng	99
89) Benzo(k)fluoranthene	14.85	252	214384	8.486	ng	99
90) Benzo(a)pyrene	15.16	252	215022	8.597	ng	98
91) Dibenzo(a,h)anthracene	16.57	278	174555	7.463	ng	99
92) Benzo(g,h,i)perylene	16.97	276	161880	6.780	ng	98

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

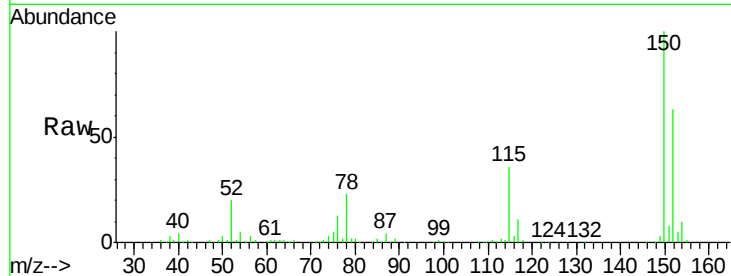


#1

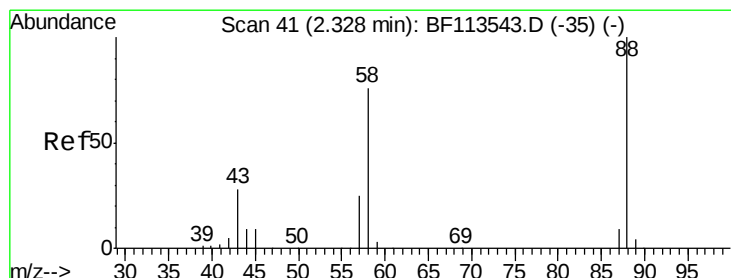
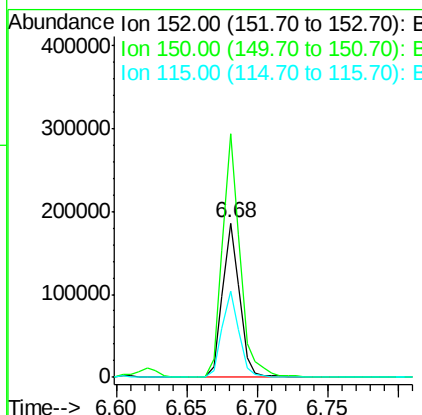
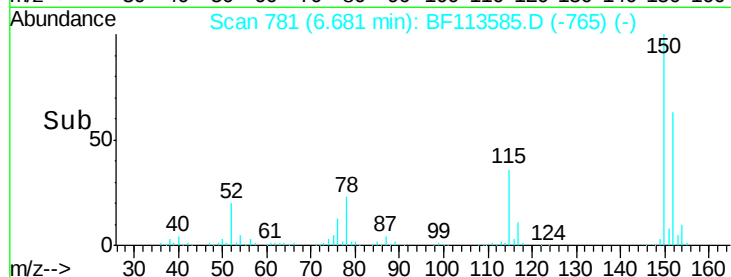
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	152	Resp	158047
Ion Ratio	100	Lower	Upper
150	157.6	124.7	187.1
115	56.2	46.0	69.0



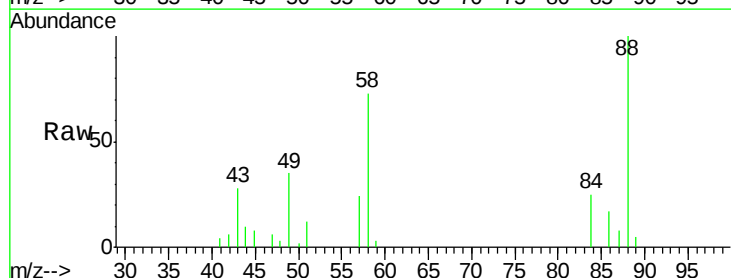
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



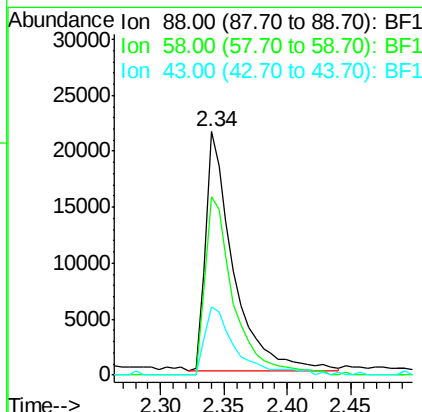
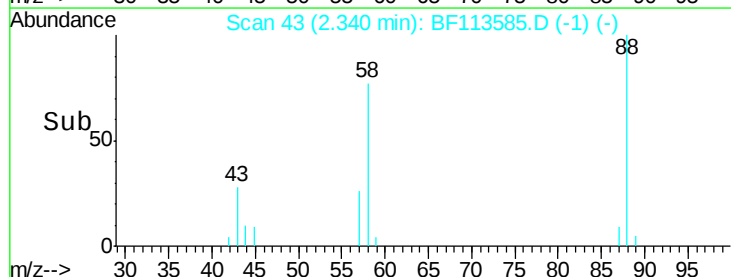
#2

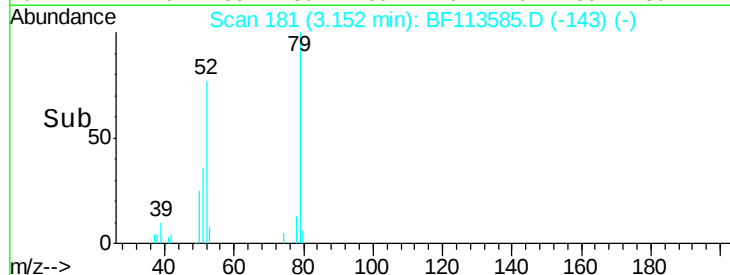
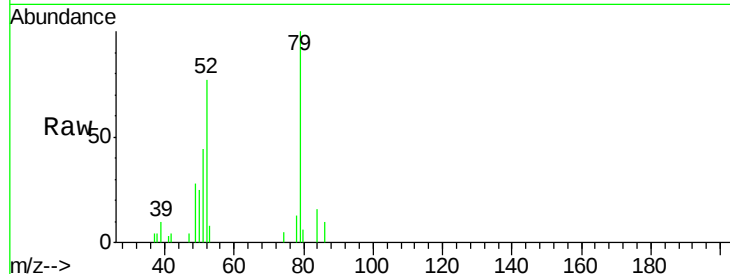
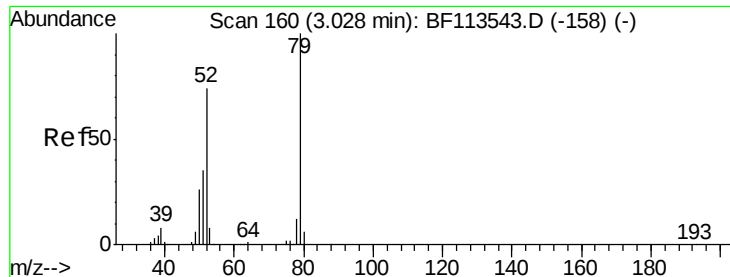
1,4-Dioxane
Concen: 7.392 ng
RT: 2.34 min Scan# 43
Delta R.T. 0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion	88	Resp	32449
Ion Ratio	100	Lower	Upper
58	77.5	61.9	92.9
43	29.7	24.2	36.4



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

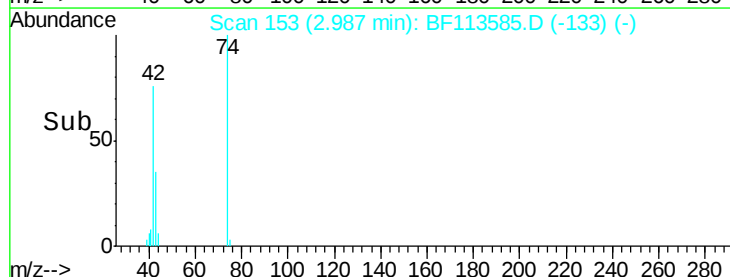
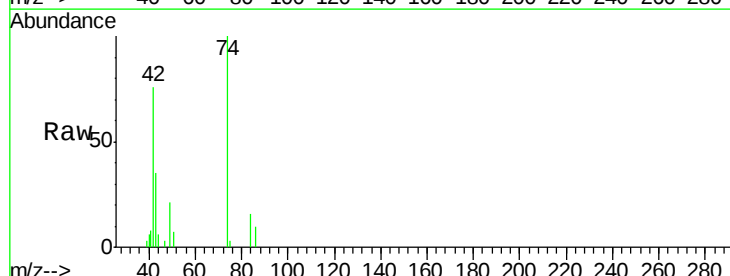
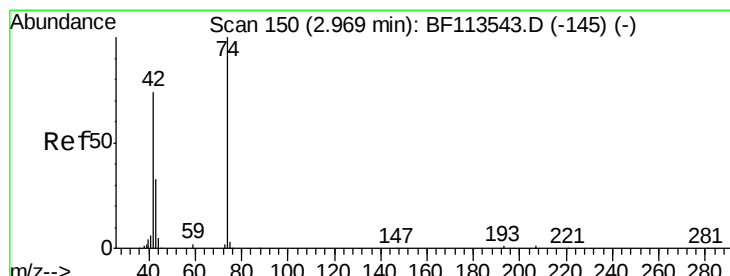
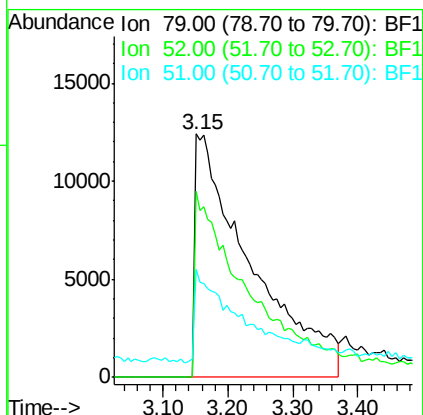




#3
 Pvridine
 Concen: 6.409 ng
 RT: 3.15 min Scan# 181
 Delta R.T. 0.12 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

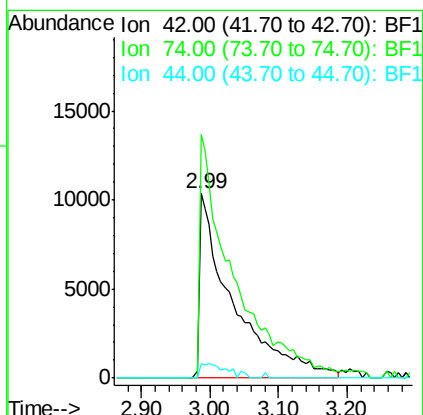
Instrument :
 BNA_F
 ClientSampleId :

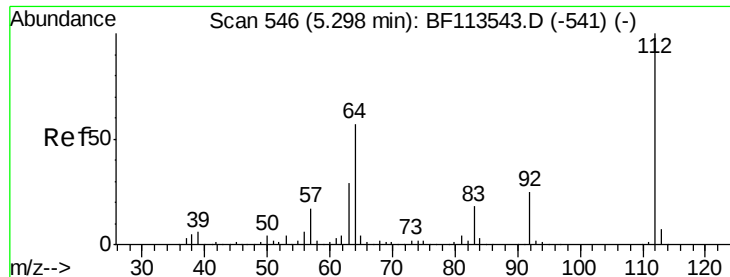
Tot Ion: 79 Resp: 73631
 Ion Ratio Lower Upper
 79 100
 52 76.5 61.0 91.4
 51 44.3 30.6 45.8



#4
 n-Nitrosodimethylamine
 Concen: 7.267 ng
 RT: 2.99 min Scan# 153
 Delta R.T. 0.02 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Tgt Ion: 42 Resp: 35472
 Ion Ratio Lower Upper
 42 100
 74 132.1 102.4 153.6
 44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 122.358 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampled :

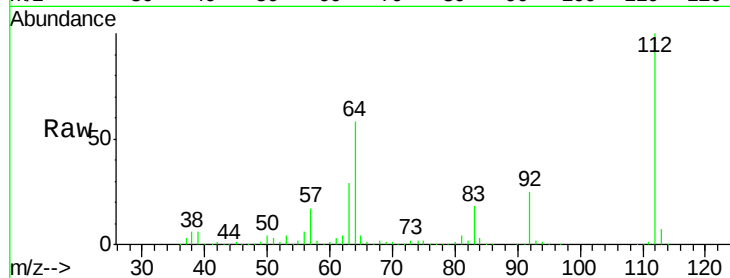
Tot Ion:112 Resp: 1134061

Ion Ratio Lower Upper

112 100

64 58.0 49.2 73.8

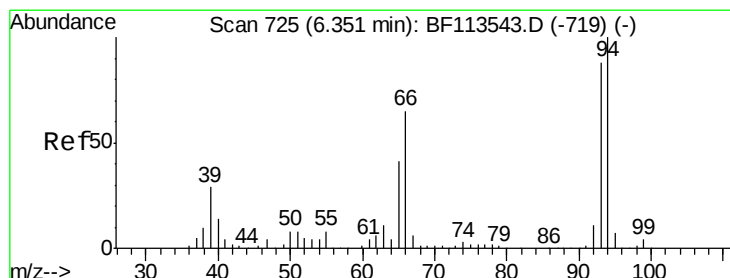
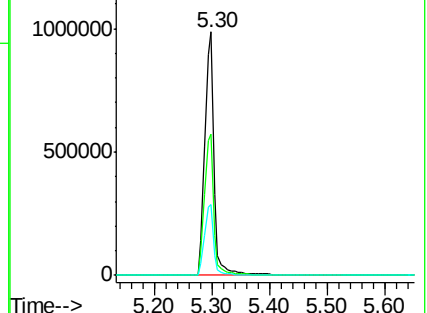
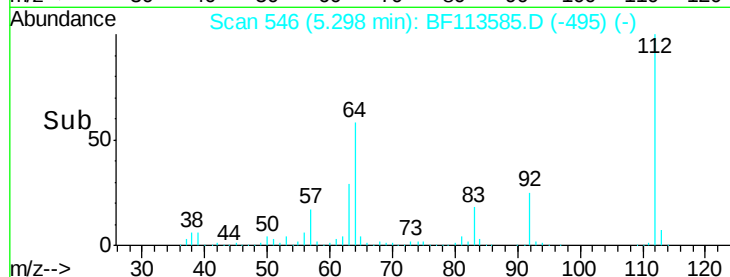
63 29.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.662 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

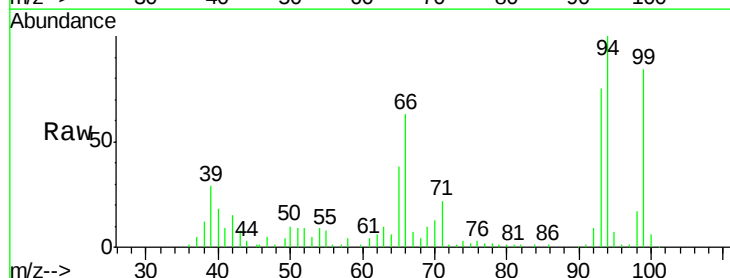
Tgt Ion: 93 Resp: 119932

Ion Ratio Lower Upper

93 100

66 83.3 62.1 93.1

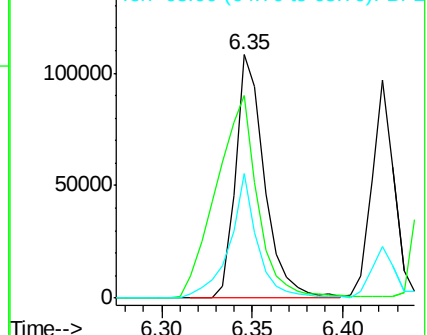
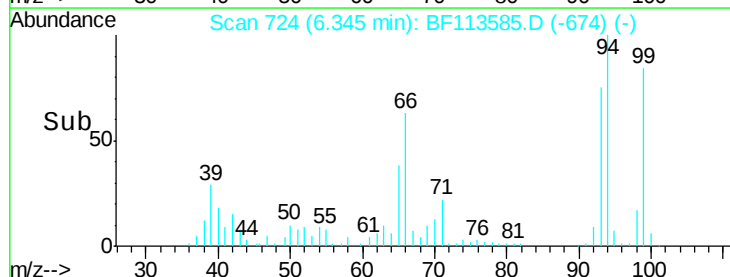
65 51.0 38.7 58.1

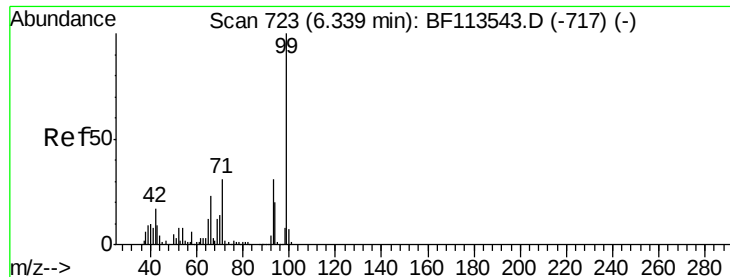


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.974 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

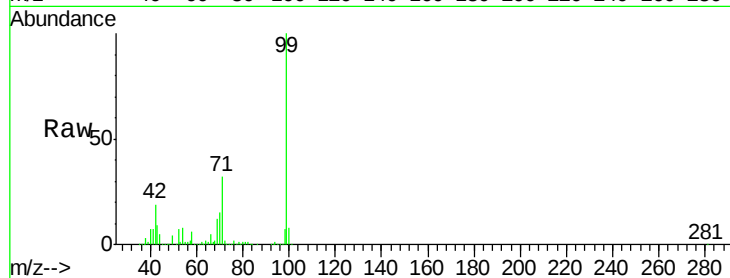
Tot Ion: 99 Resp: 1473317

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

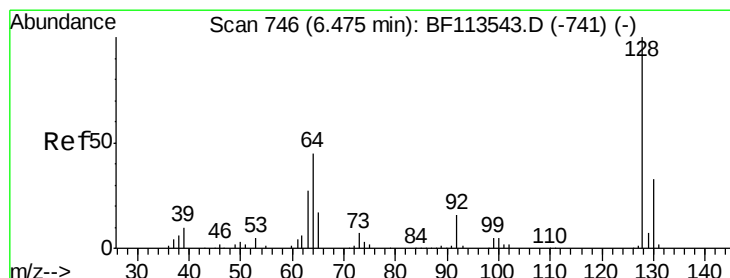
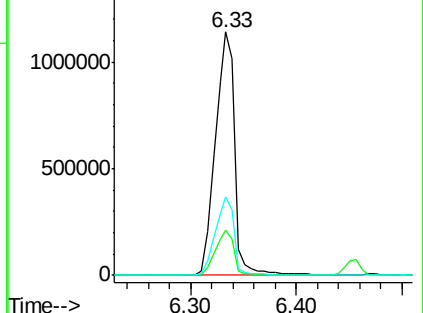
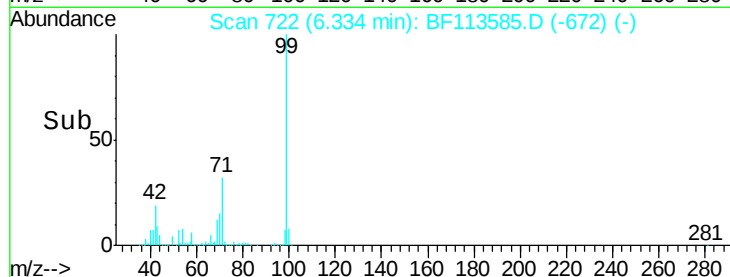
71 32.5 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 8.189 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

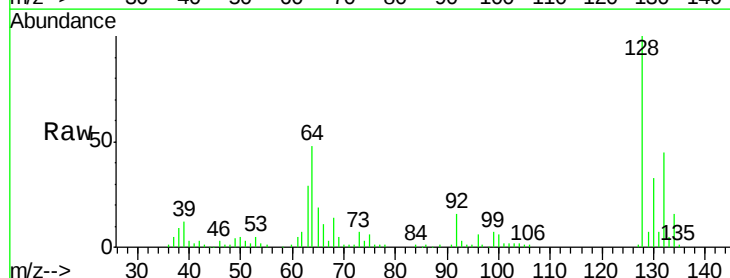
Tgt Ion: 128 Resp: 87811

Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

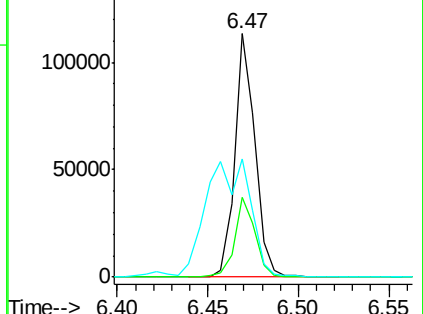
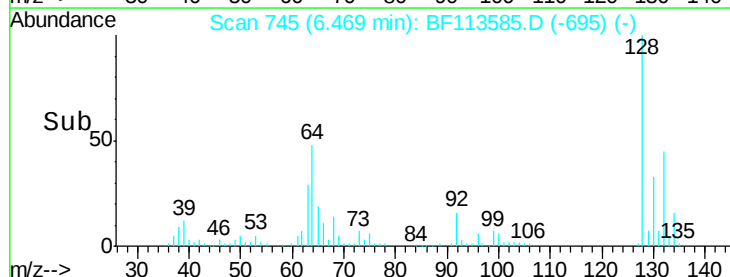
64 48.3 29.4 69.4

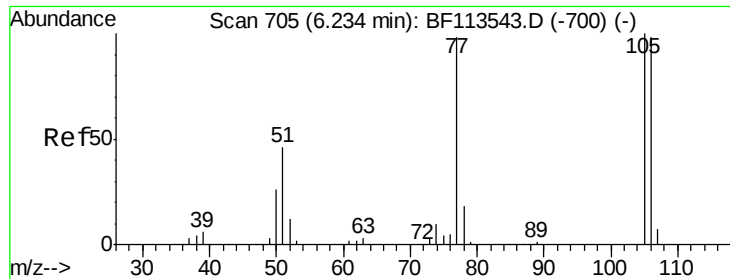


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

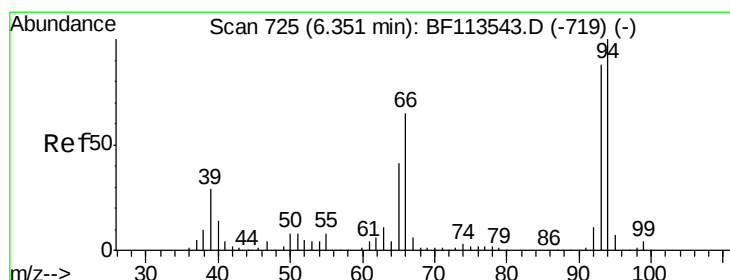
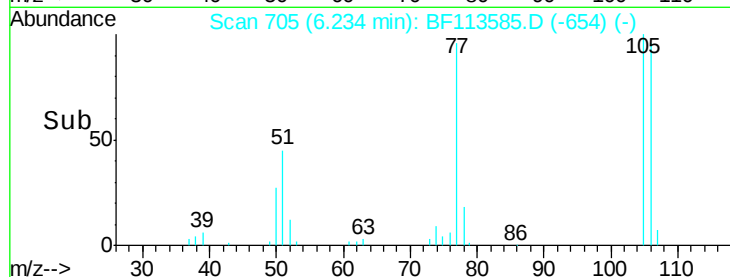
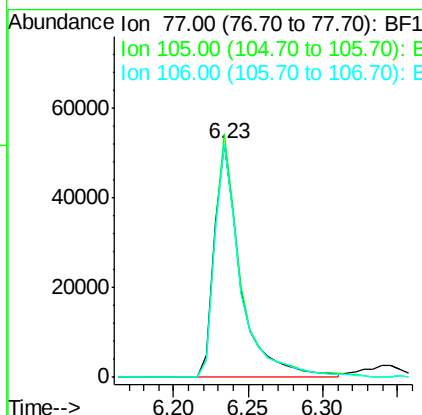
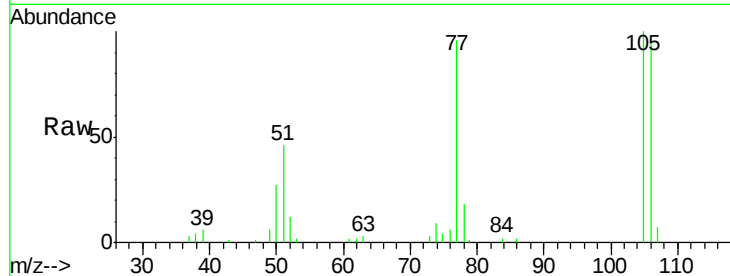




#9
Benzaldehyde
Concen: 9.446 ng
RT: 6.23 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

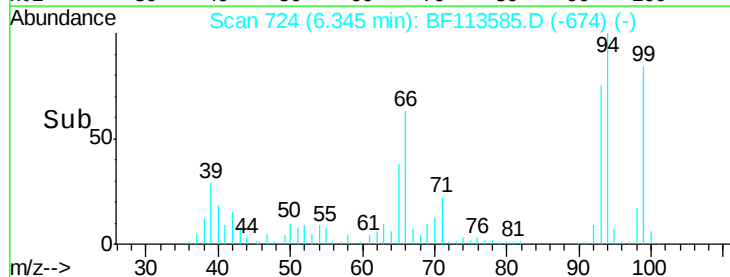
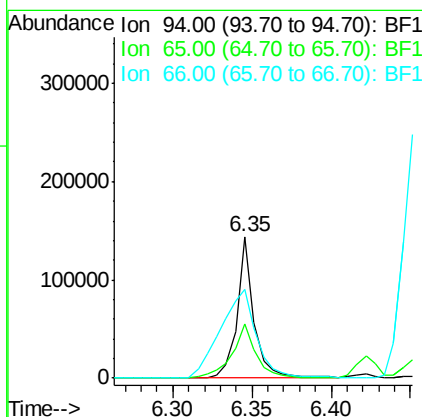
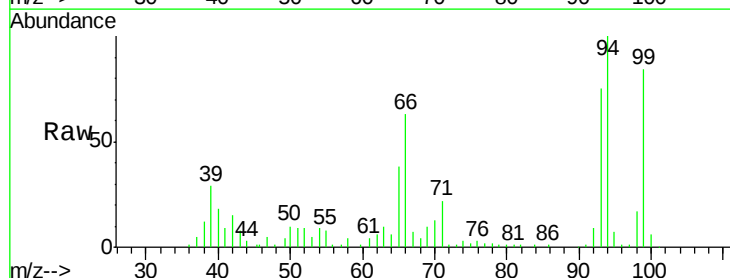
Instrument :
BNA_F
ClientSampled :

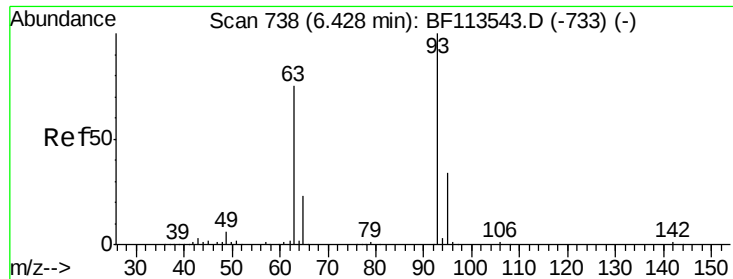
Tot Ion: 77 Resp: 64162
Ion Ratio Lower Upper
77 100
105 104.1 80.9 120.9
106 99.9 77.8 117.8



#10
Phenol
Concen: 8.267 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion: 94 Resp: 107852
Ion Ratio Lower Upper
94 100
65 38.3 21.4 61.4
66 62.6 46.4 86.4





#11

bis(2-Chloroethyl)ether

Concen: 7.986 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

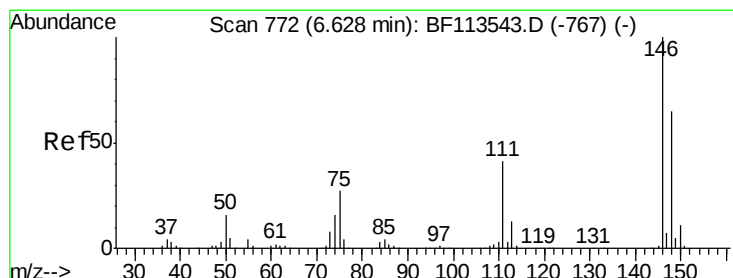
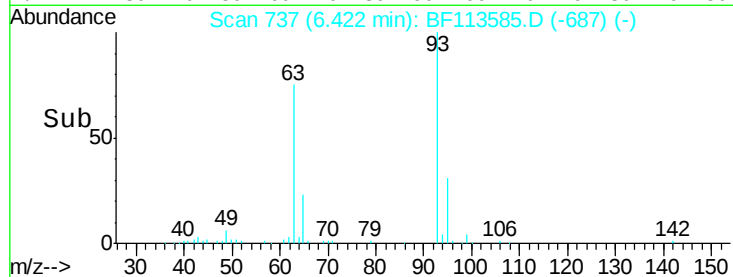
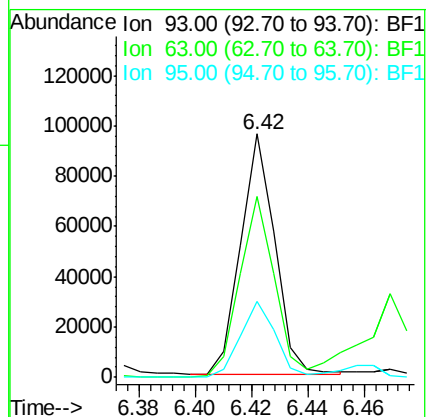
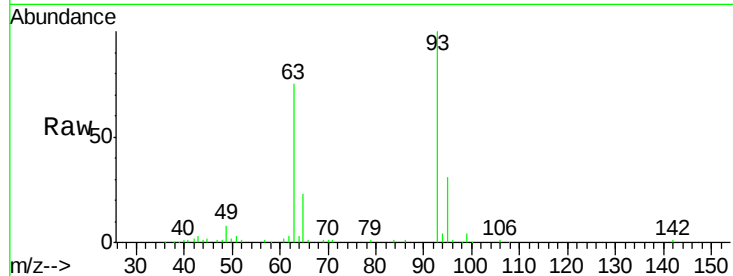
Tot Ion: 93 Resp: 81050

Ion Ratio Lower Upper

93 100

63 74.5 56.1 96.1

95 31.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 8.209 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

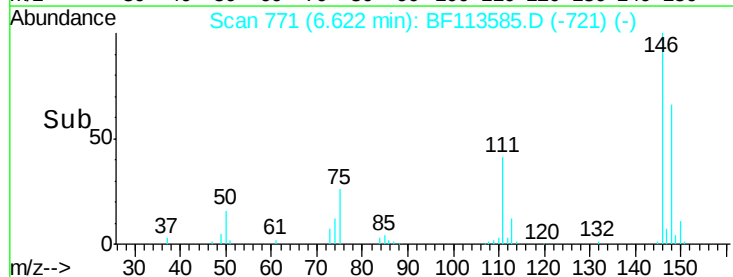
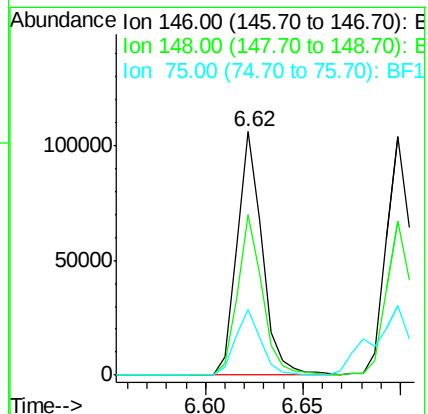
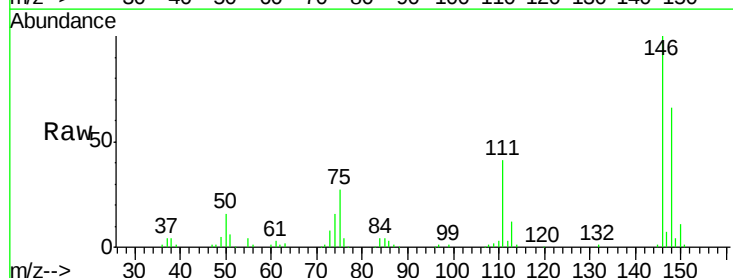
Tgt Ion: 146 Resp: 94804

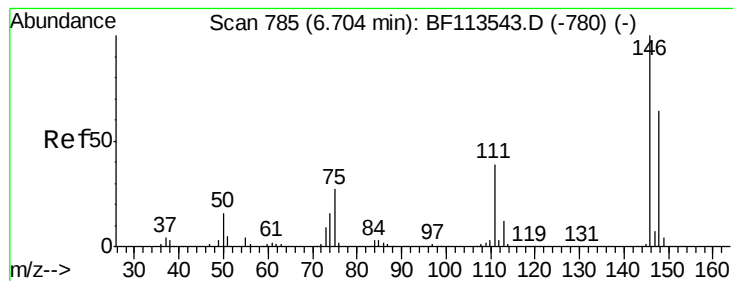
Ion Ratio Lower Upper

146 100

148 65.7 51.4 77.0

75 26.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 8.330 ng

RT: 6.70 min Scan# 784

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

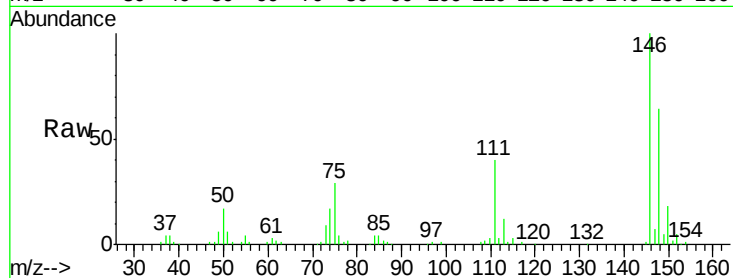
Tot Ion:146 Resp: 97206

Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

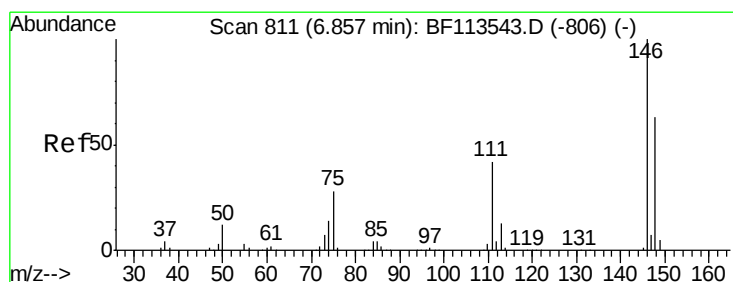
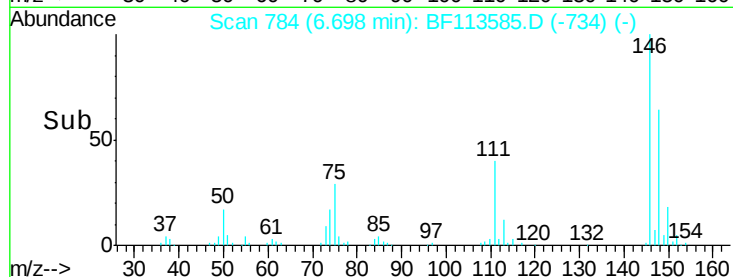
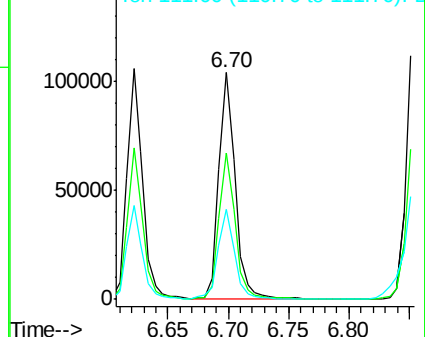
111 39.6 32.8 49.2



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: 8.503 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

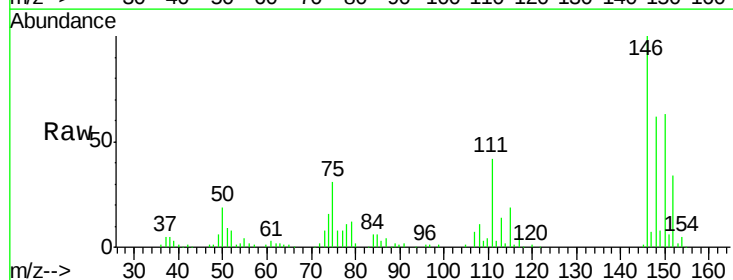
Tgt Ion:146 Resp: 89572

Ion Ratio Lower Upper

146 100

148 61.7 50.2 75.4

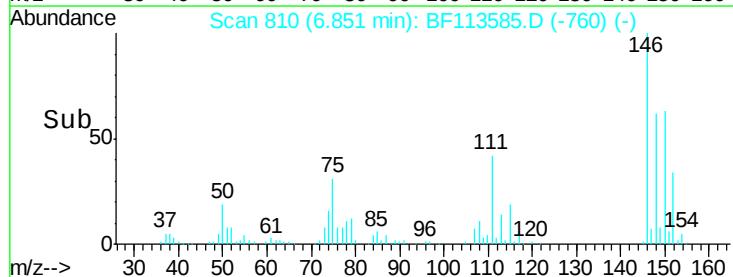
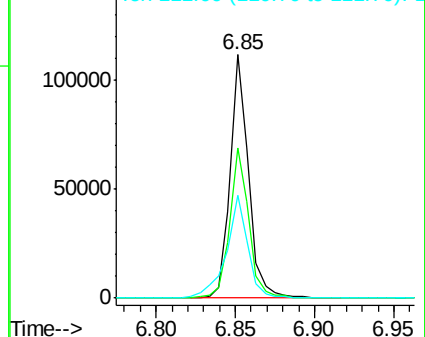
111 42.2 35.4 53.2

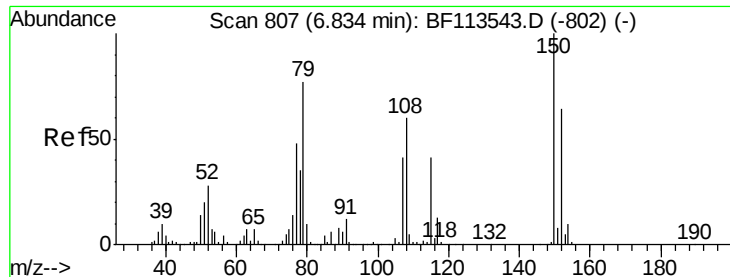


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.443 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampled :

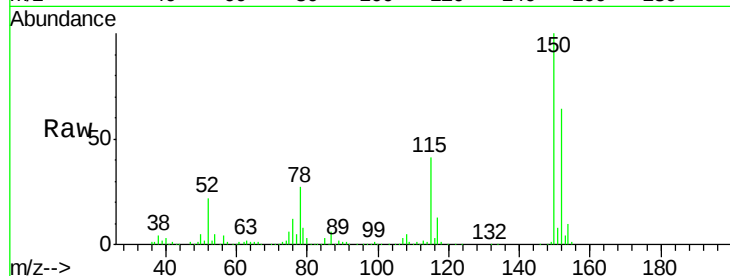
Tot Ion: 79 Resp: 72940

Ion Ratio Lower Upper

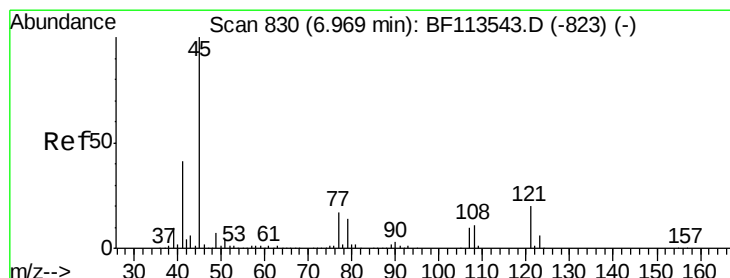
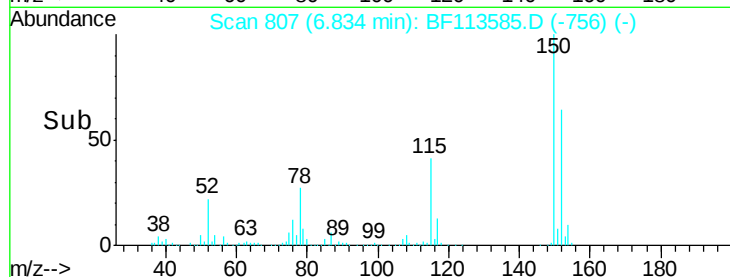
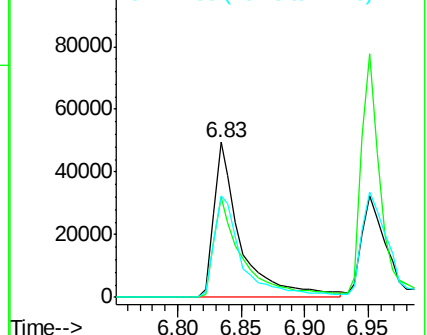
79 100

108 64.8 62.0 93.0

77 65.2 49.9 74.9



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.437 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

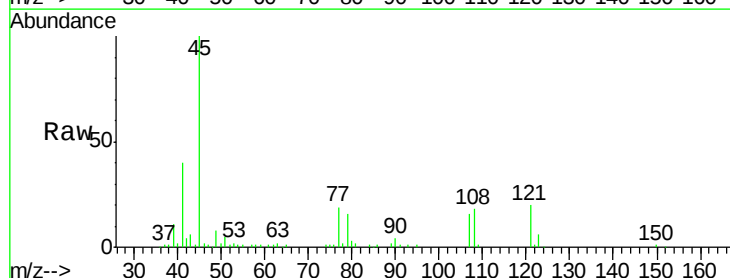
Tgt Ion: 45 Resp: 133276

Ion Ratio Lower Upper

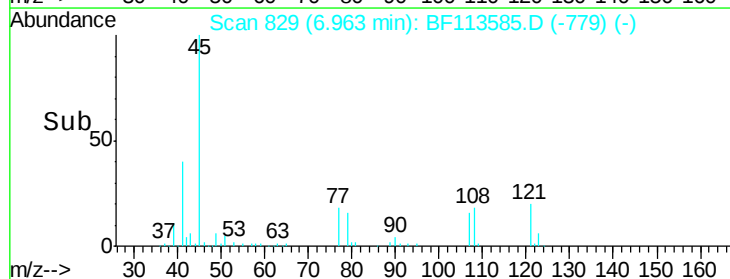
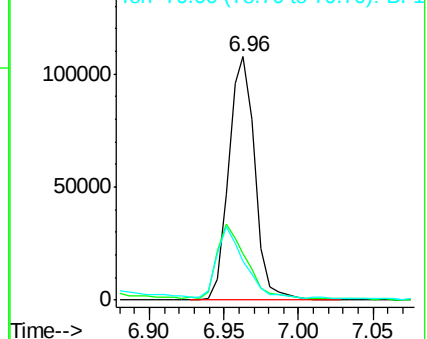
45 100

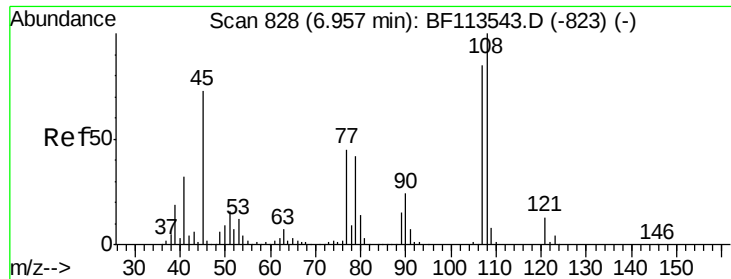
77 18.9 0.0 36.6

79 16.1 0.0 34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

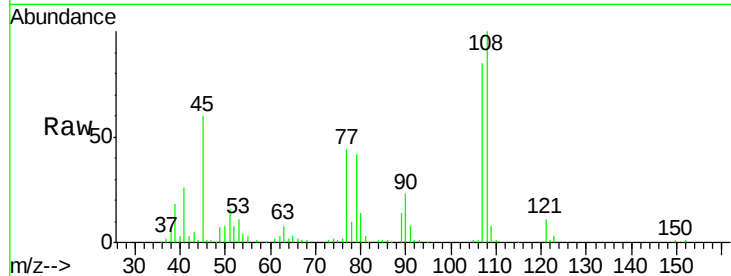




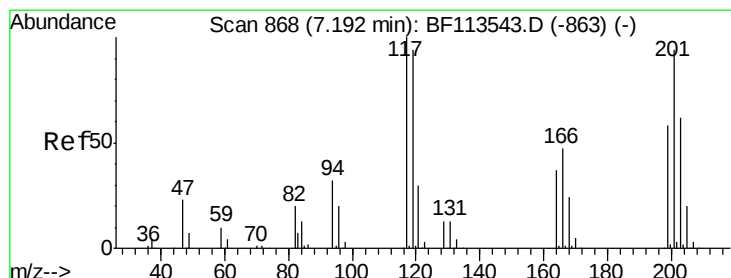
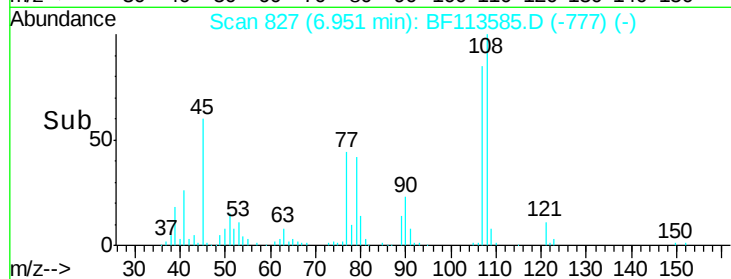
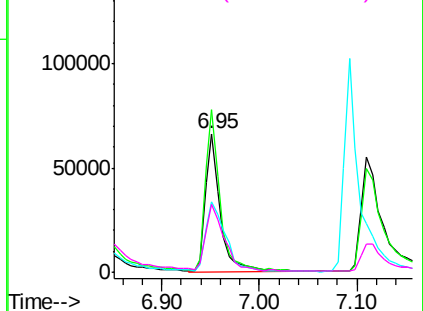
#17
2-Methylphenol
Concen: 8.353 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 69419
Ion Ratio Lower Upper
107 100
108 117.3 93.4 140.0
77 51.0 41.2 61.8
79 49.1 40.1 60.1

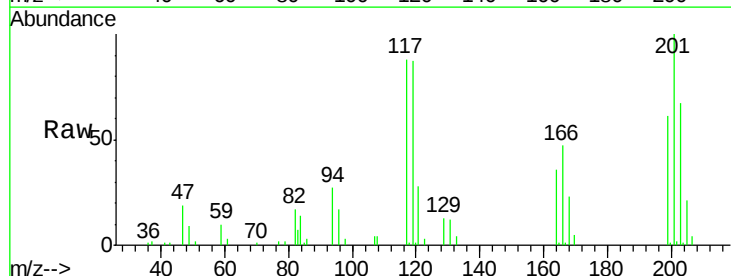


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

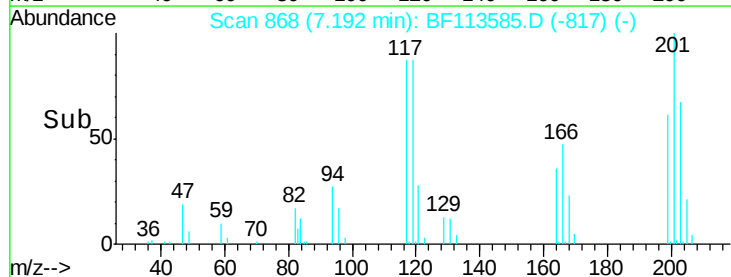
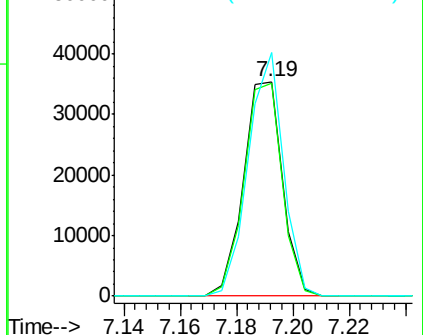


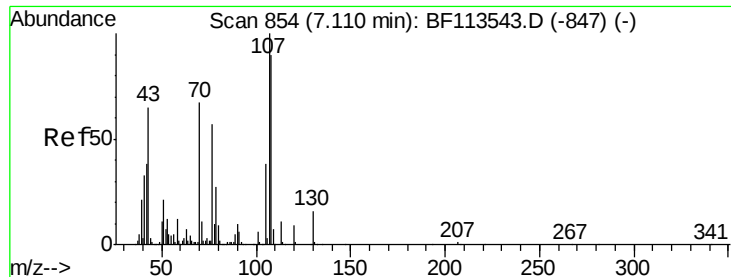
#18
Hexachloroethane
Concen: 7.987 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:117 Resp: 33927
Ion Ratio Lower Upper
117 100
119 99.3 76.9 115.3
201 113.7 78.7 118.1



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

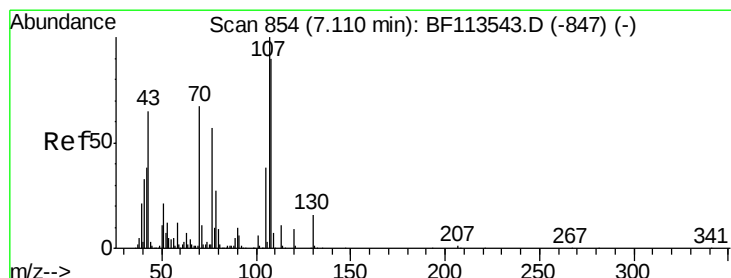
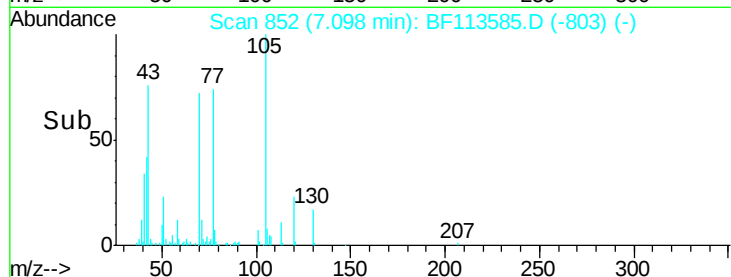
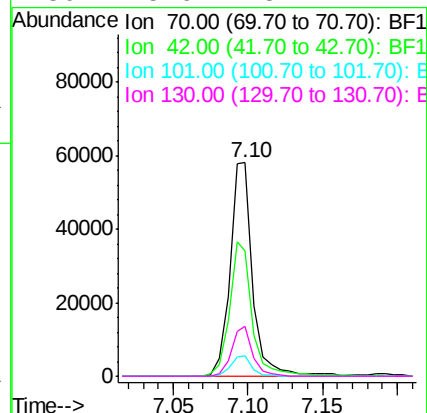
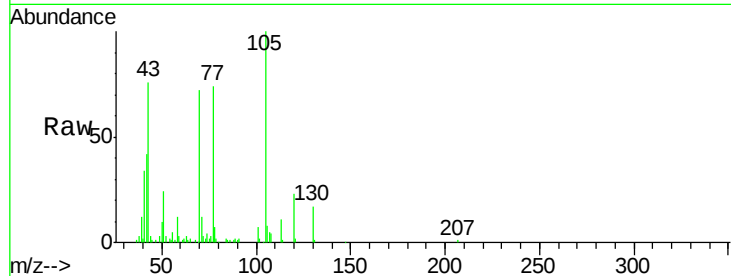




#19
n-Nitroso-di-n-propylamine
Concen: 8.828 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

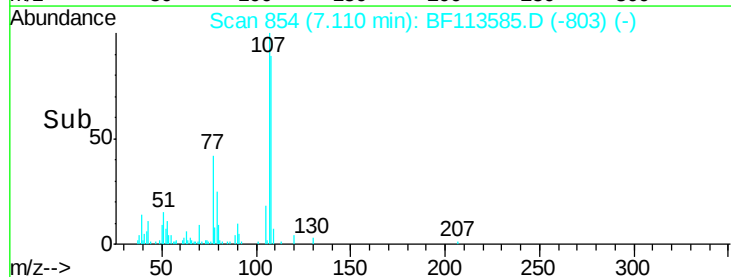
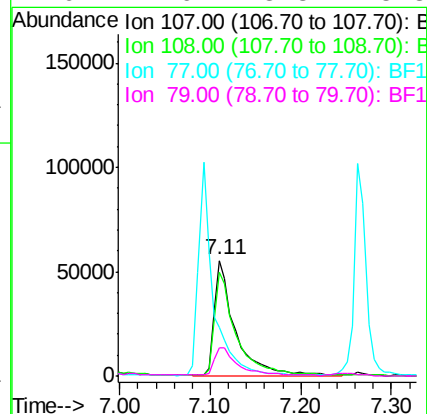
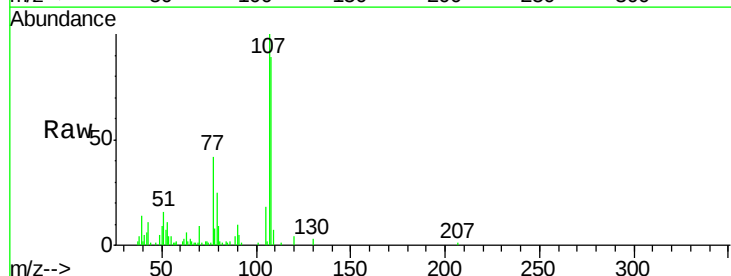
Instrument :
BNA_F
ClientSampleId :

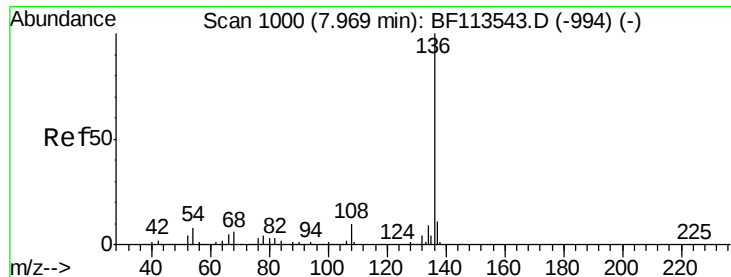
Tot Ion:	70	Resp:	62188
Ion	Ratio	Lower	Upper
70	100		
42	58.6	48.4	72.6
101	9.6	7.8	11.8
130	23.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 9.085 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:	107	Resp:	91476
Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.4	111.4
77	42.2	33.5	73.5
79	24.6	8.3	48.3

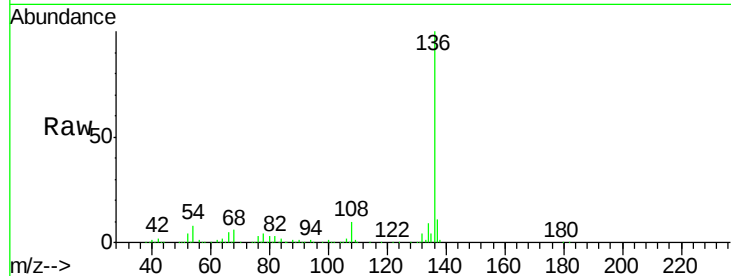




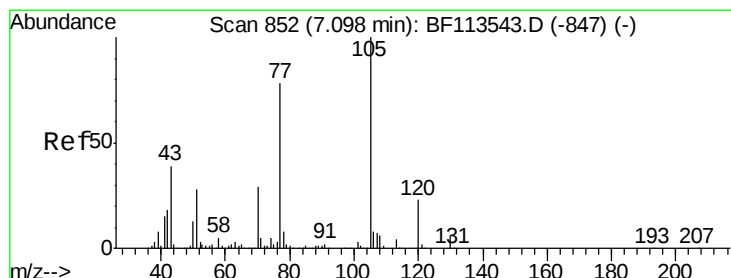
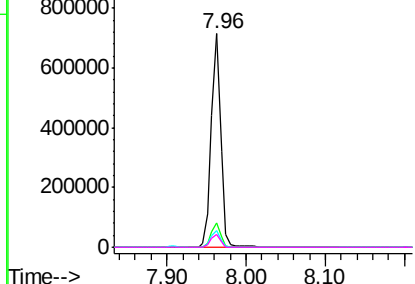
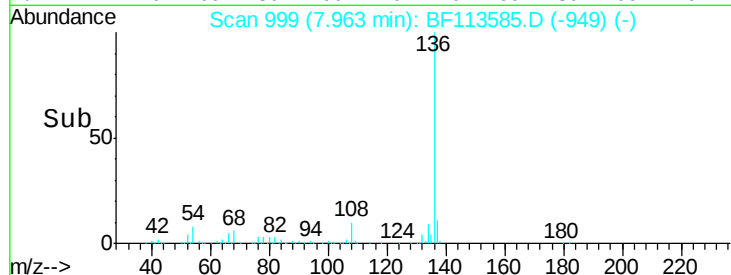
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	596449
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.7	7.0 10.6
68	5.8	4.8 7.2

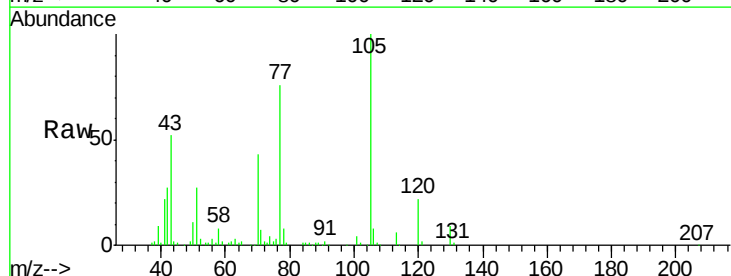


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

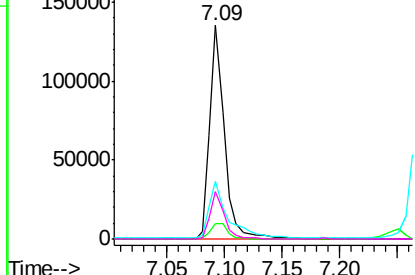
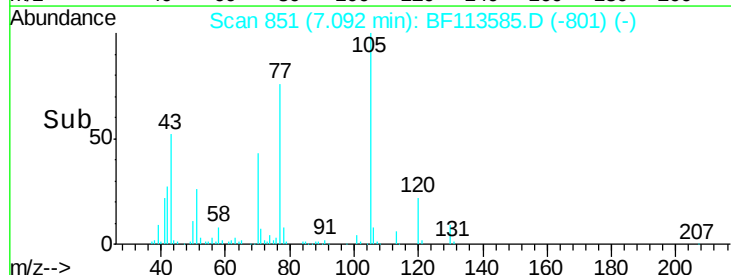


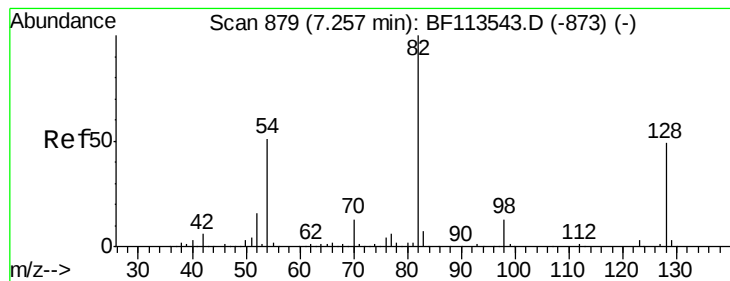
#22
Acetophenone
Concen: 9.172 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:105	Resp:	120156
Ion Ratio	Lower	Upper
105	100	
71	7.1	3.3 4.9#
51	26.8	24.2 36.2
120	22.3	18.1 27.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 90.445 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

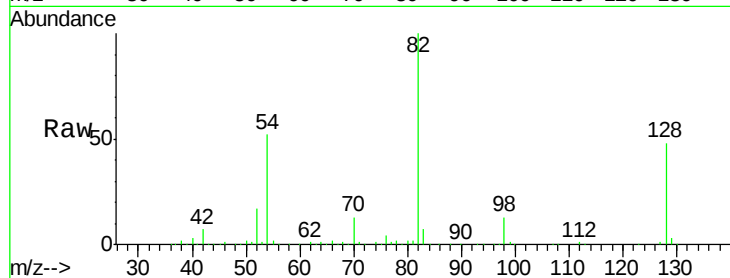
Tot Ion: 82 Resp: 920970

Ion Ratio Lower Upper

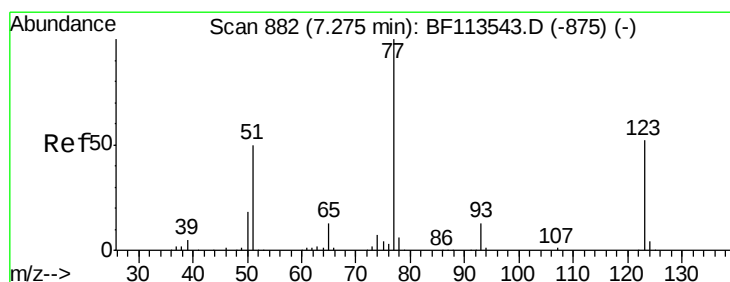
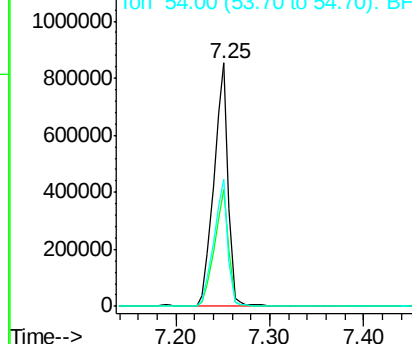
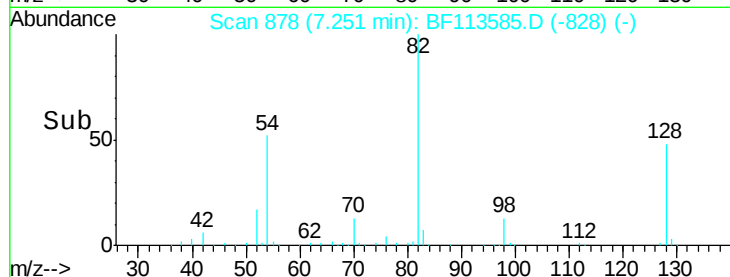
82 100

128 48.0 36.5 54.7

54 52.0 42.2 63.2



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: 9.045 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

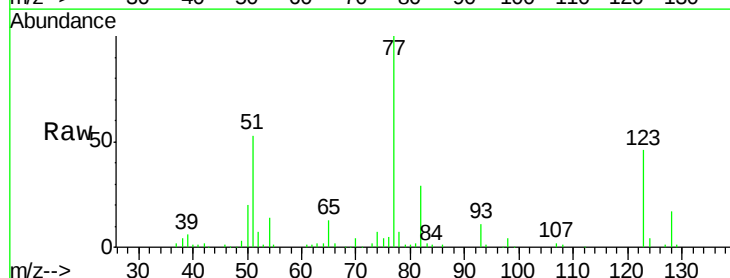
Tgt Ion: 77 Resp: 94848

Ion Ratio Lower Upper

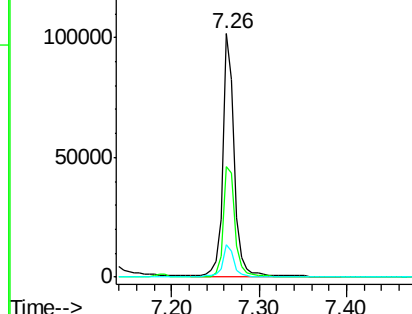
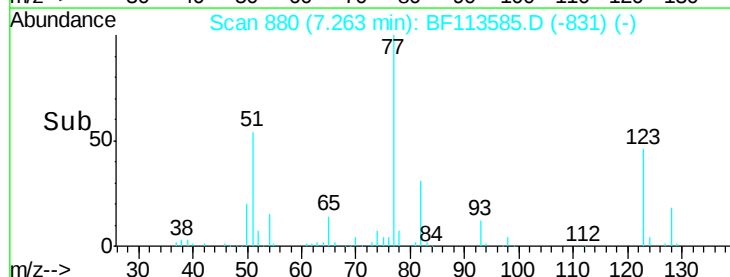
77 100

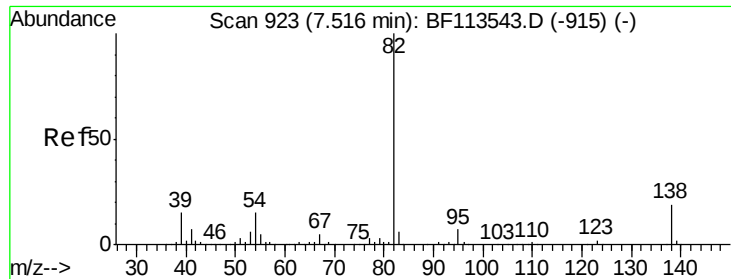
123 45.6 40.8 61.2

65 13.1 10.6 16.0



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: 8.649 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

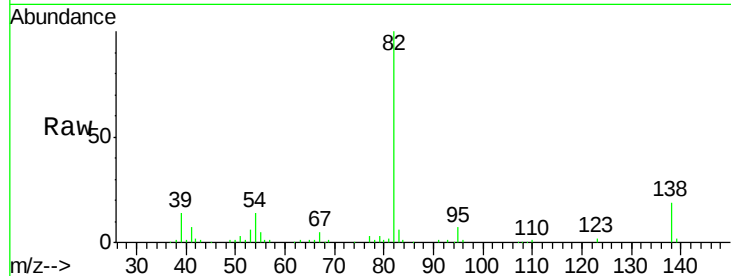
Tot Ion: 82 Resp: 169652

Ion Ratio Lower Upper

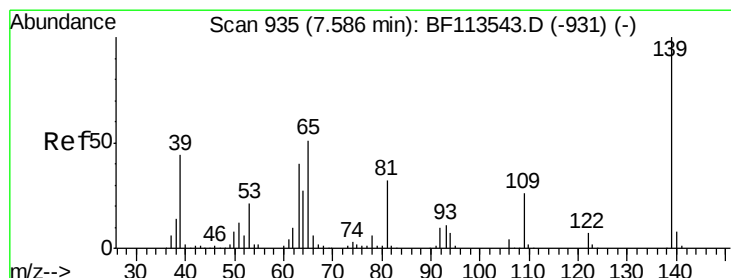
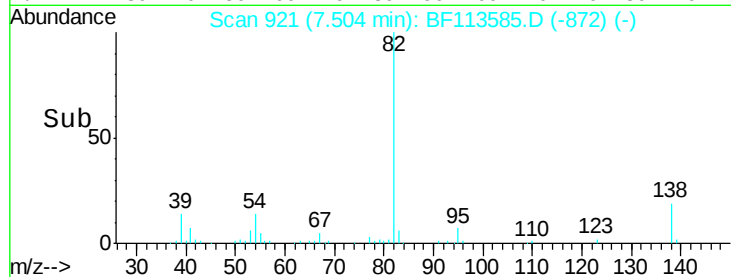
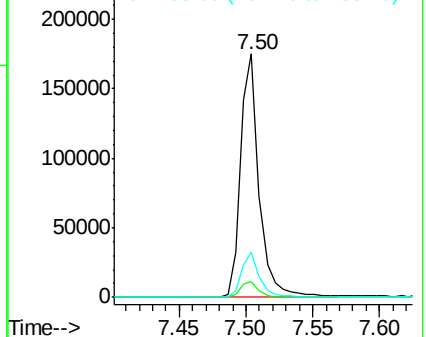
82 100

95 6.7 5.5 8.3

138 18.6 15.2 22.8



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



#26

2-Nitrophenol

Concen: 8.355 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

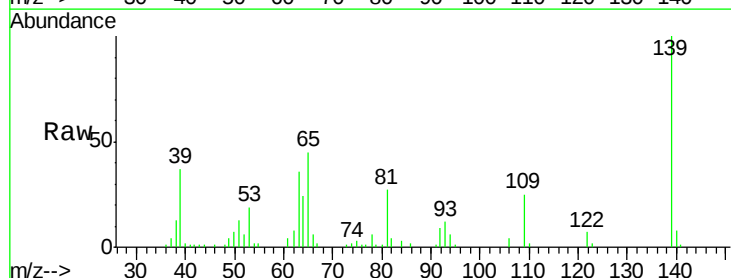
Tgt Ion: 139 Resp: 47155

Ion Ratio Lower Upper

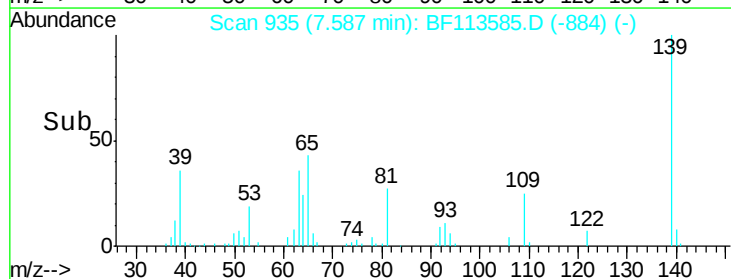
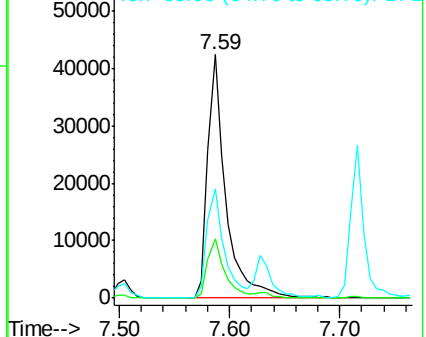
139 100

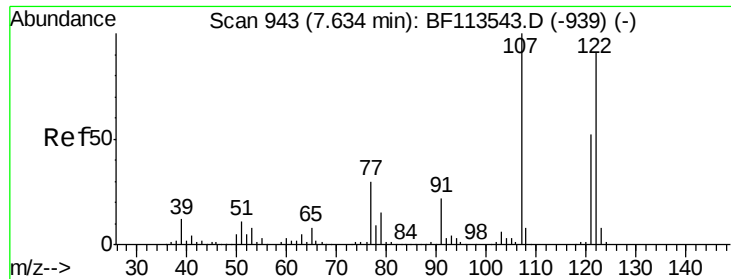
109 24.5 21.7 32.5

65 44.6 41.6 62.4



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

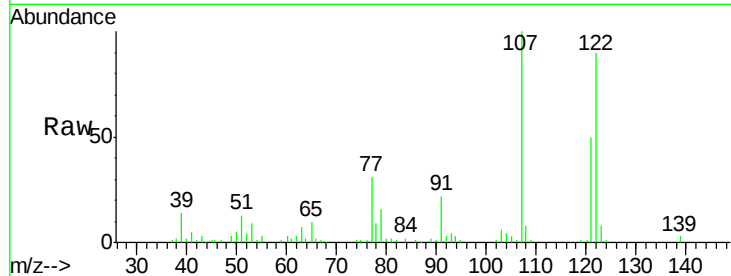




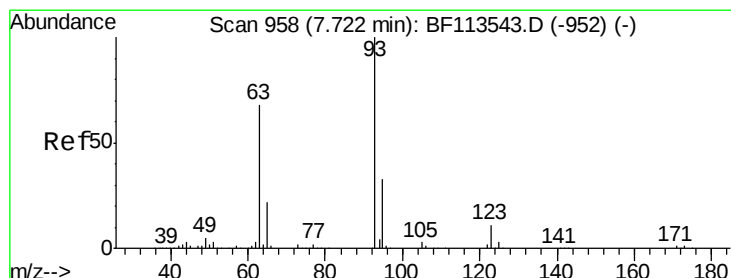
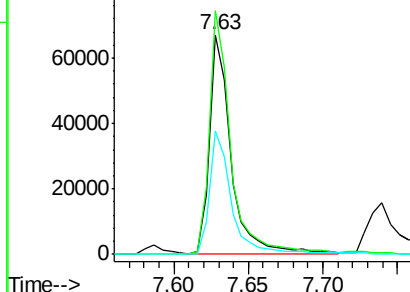
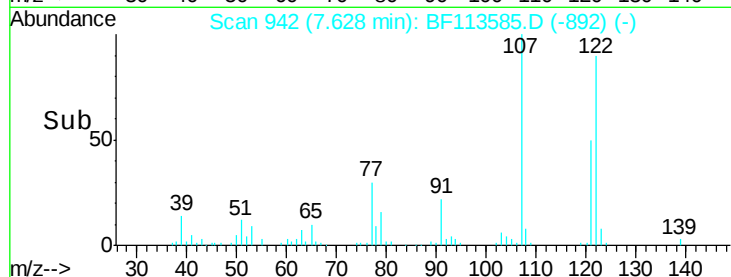
#27
 2,4-Dimethylphenol
 Concen: 8.472 ng
 RT: 7.63 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 68356
 Ion Ratio Lower Upper
 122 100
 107 111.0 88.8 133.2
 121 56.0 45.5 68.3

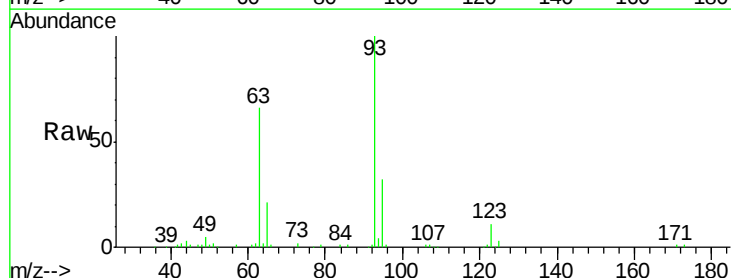


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

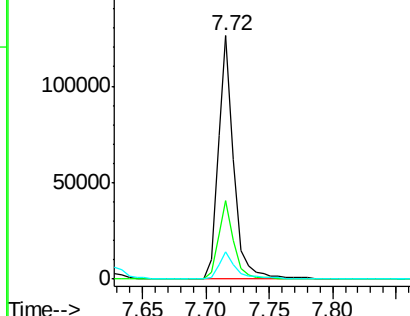
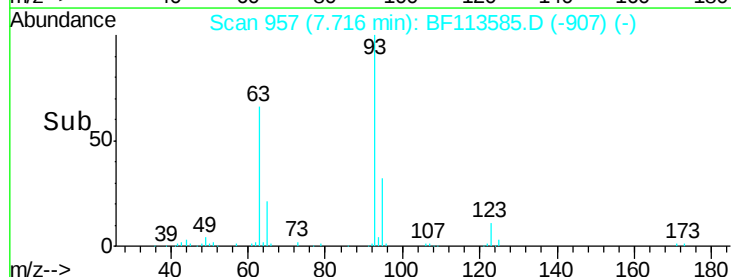


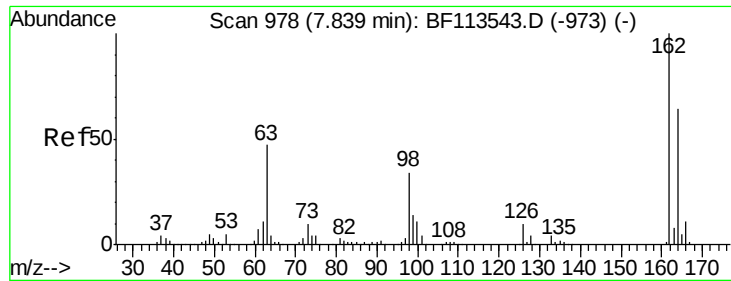
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.770 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Tgt Ion: 93 Resp: 108761
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 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

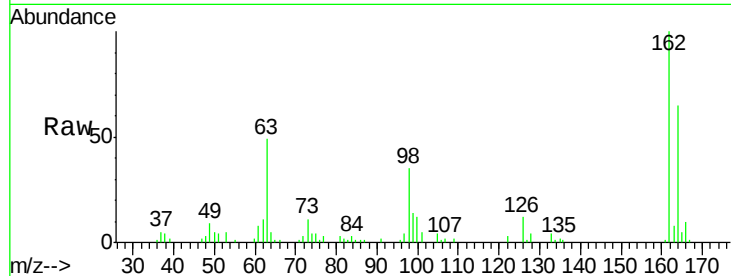




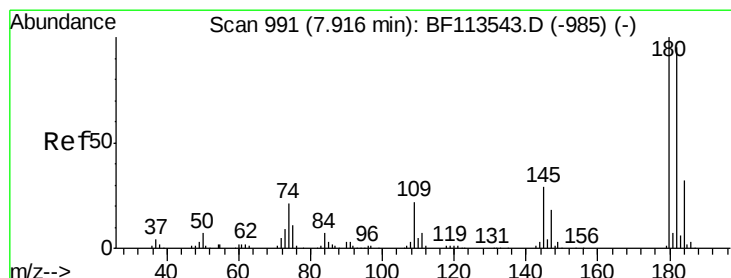
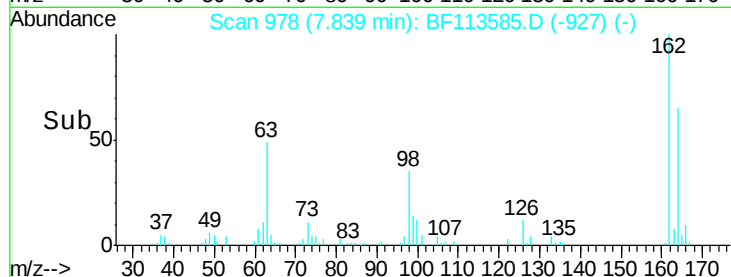
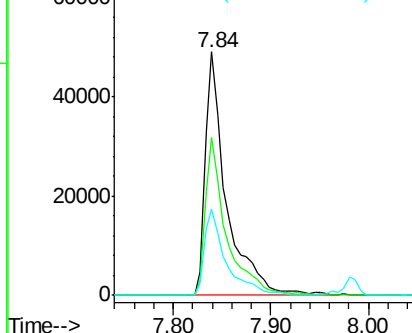
#29
 2,4-Dichlorophenol
 Concen: 8.553 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 73834
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.6 84.6
 98 35.2 15.6 55.6

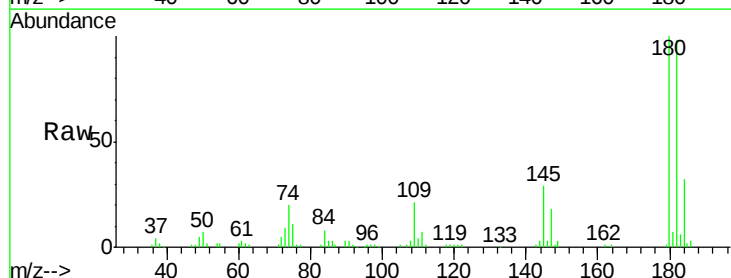


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

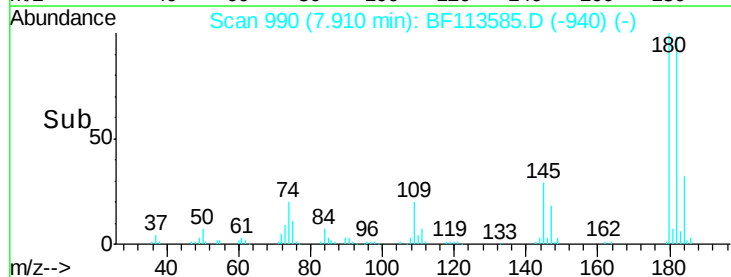
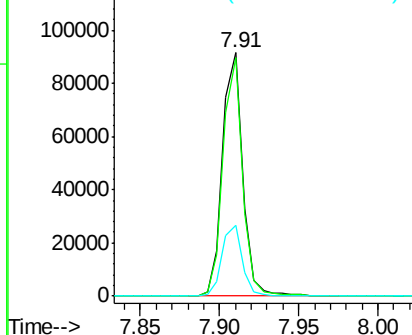


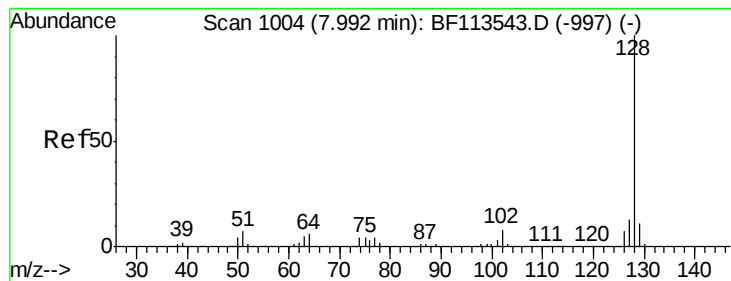
#30
 1,2,4-Trichlorobenzene
 Concen: 8.661 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Tgt Ion:180 Resp: 81192
 Ion Ratio Lower Upper
 180 100
 182 97.8 74.6 111.8
 145 28.9 23.4 35.0



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: 9.140 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

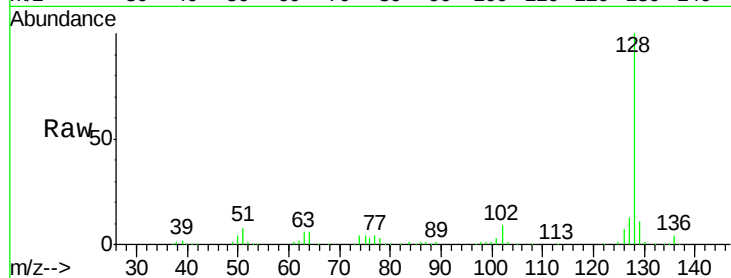
Tot Ion:128 Resp: 264127

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

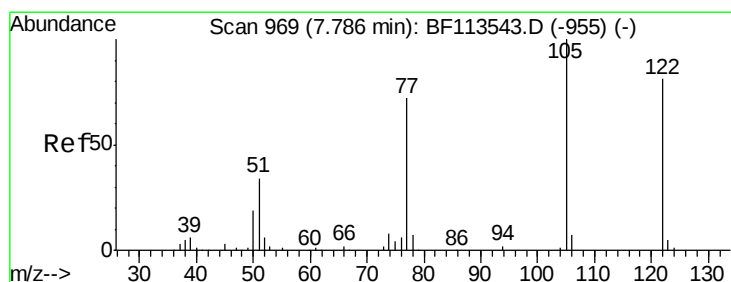
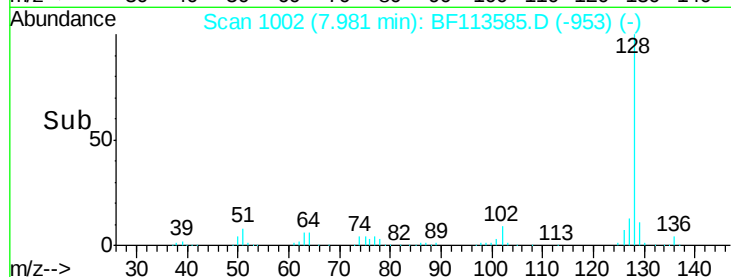
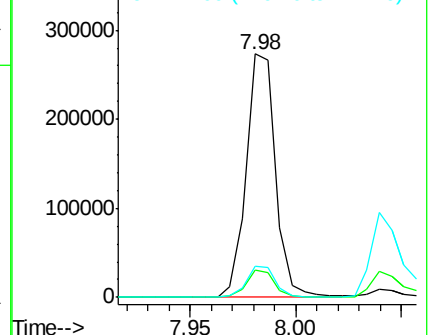
127 12.7 10.9 16.3



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: 4.677 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

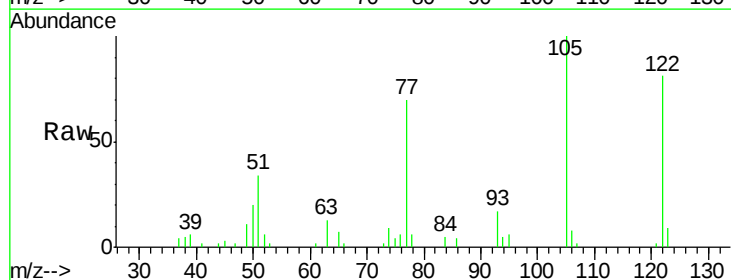
Tgt Ion:122 Resp: 29221

Ion Ratio Lower Upper

122 100

105 123.0 100.4 140.4

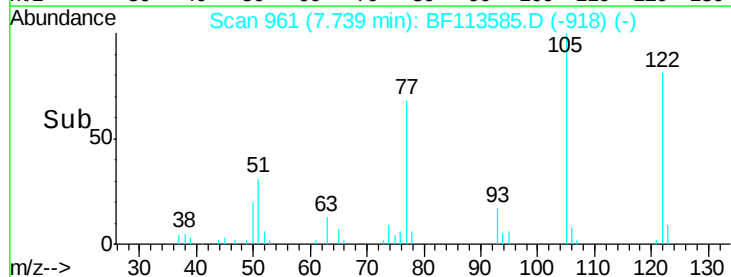
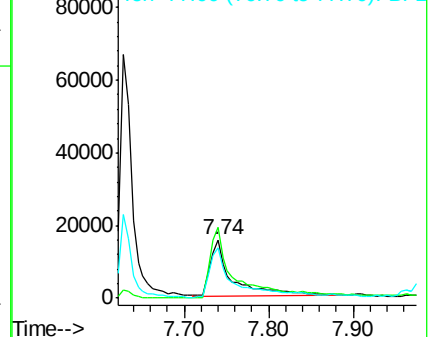
77 85.9 69.0 109.0

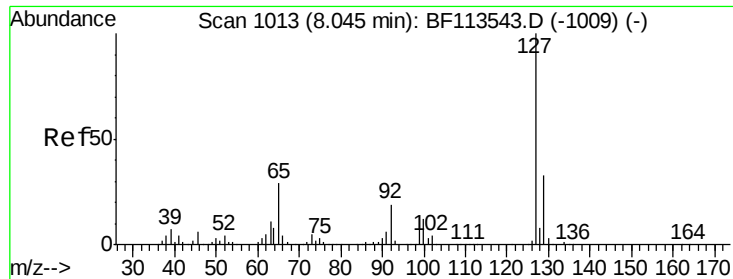


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

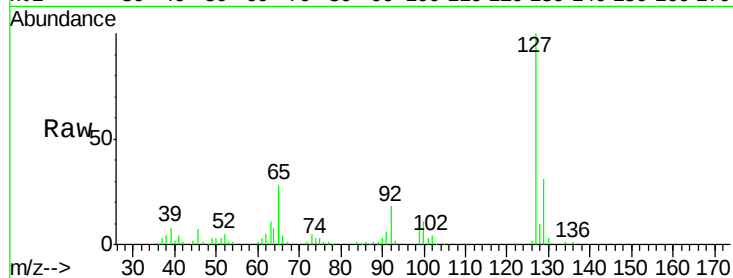




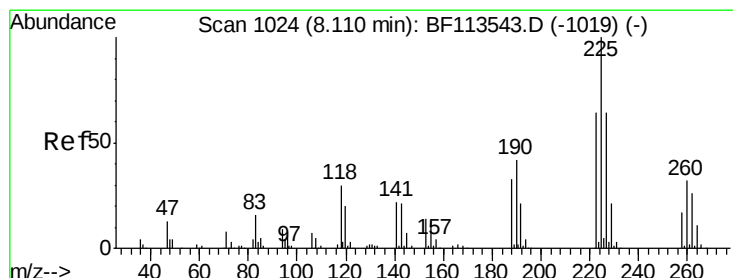
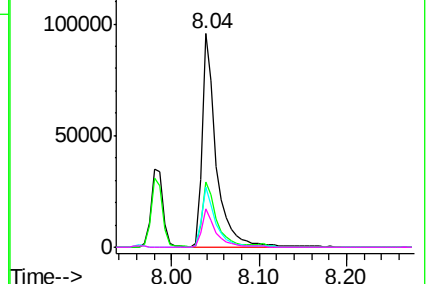
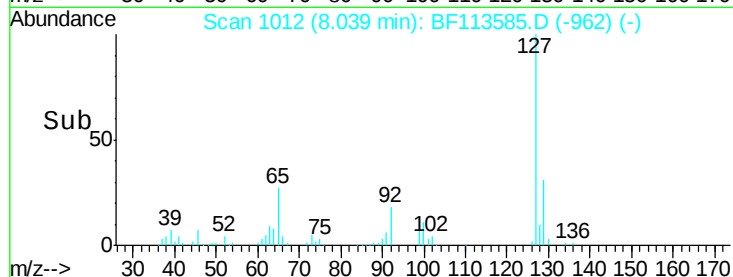
#33
4-Chloroaniline
Concen: 9.368 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	107350
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.3	39.5
65	28.1	24.2	36.4
92	18.0	15.0	22.6

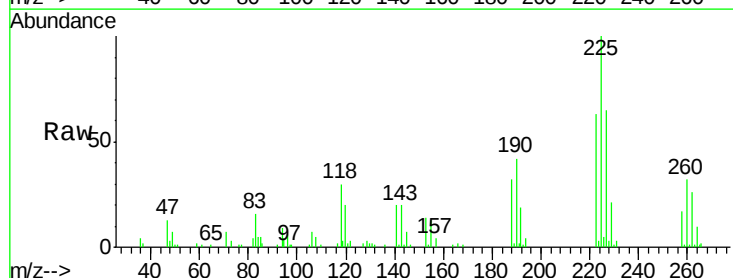


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

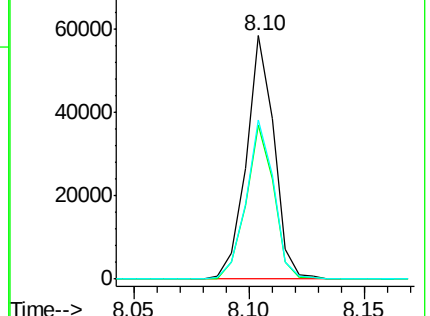
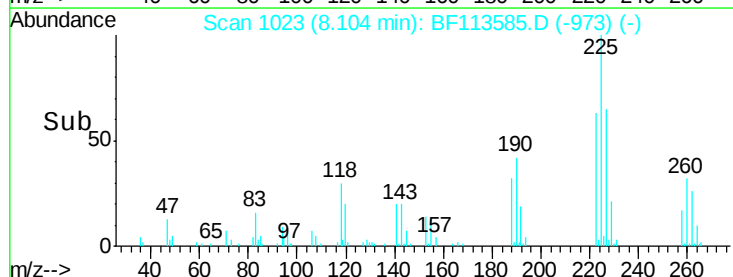


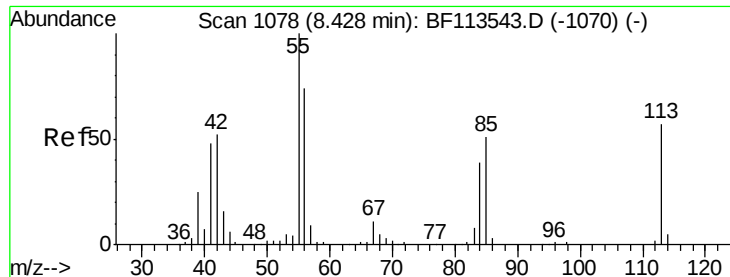
#34
Hexachlorobutadiene
Concen: 8.590 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:	225	Resp:	49095
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	65.5	51.1	76.7



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

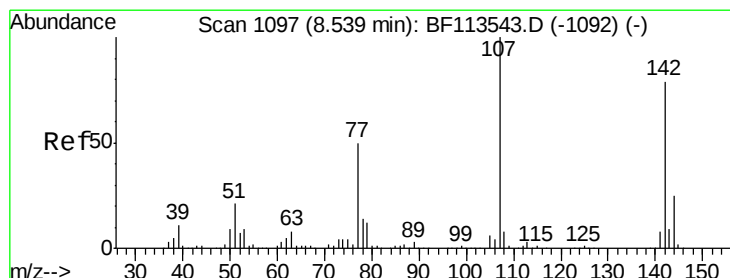
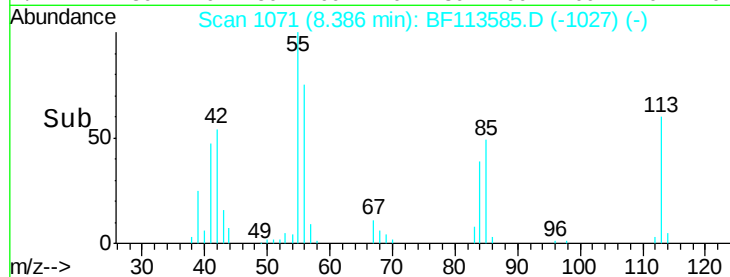
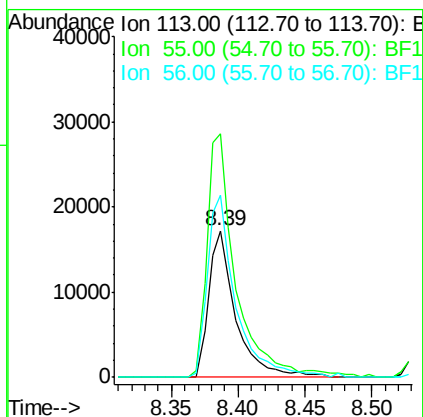
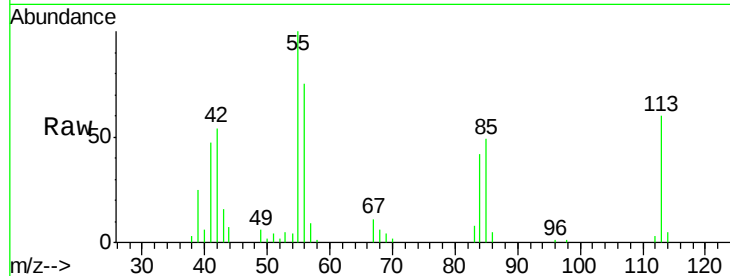




#35
 Caprolactam
 Concen: 8.941 ng
 RT: 8.39 min Scan# 1071
 Delta R.T. -0.04 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

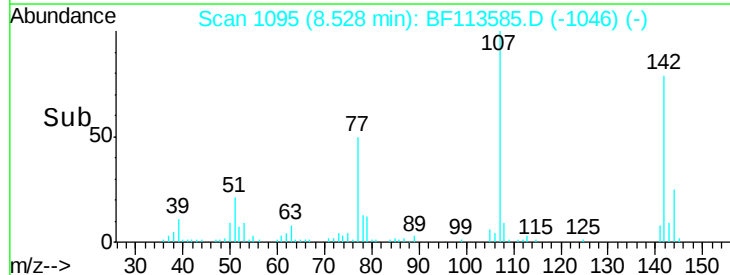
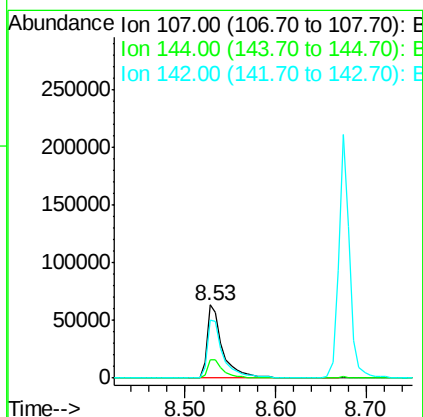
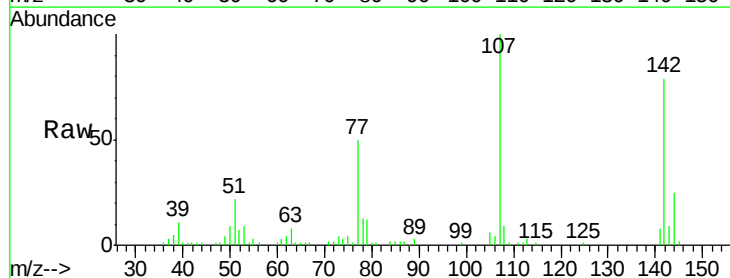
Instrument :
 BNA_F
 ClientSampled :

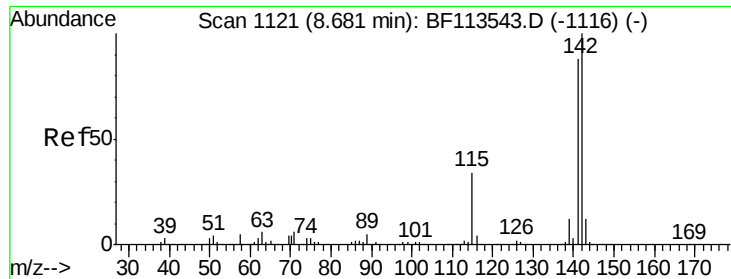
Tot Ion:113 Resp: 24502
 Ion Ratio Lower Upper
 113 100
 55 166.0 152.7 192.7
 56 124.2 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 8.879 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Tgt Ion:107 Resp: 76944
 Ion Ratio Lower Upper
 107 100
 144 25.1 21.4 32.0
 142 79.0 65.6 98.4

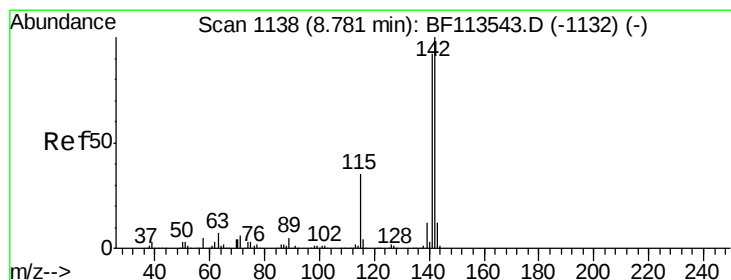
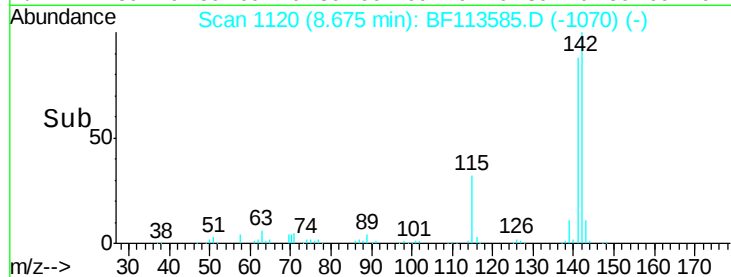
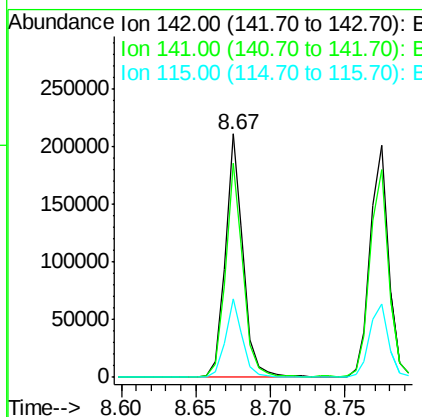
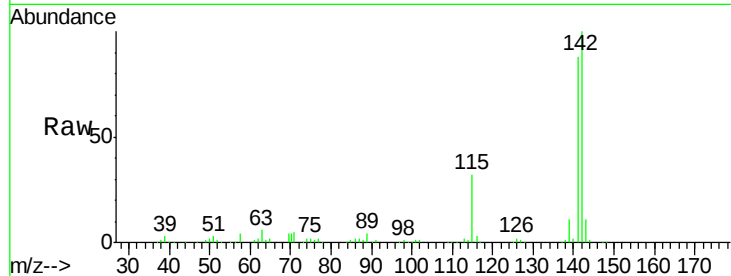




#37
2-Methylnaphthalene
Concen: 9.375 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

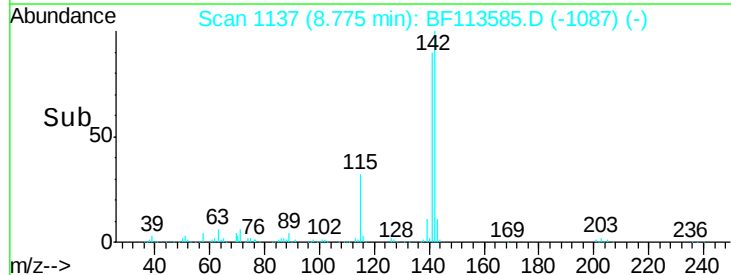
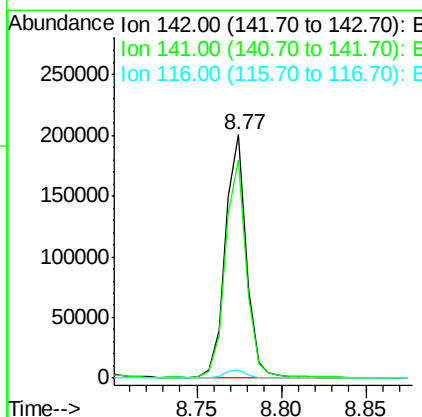
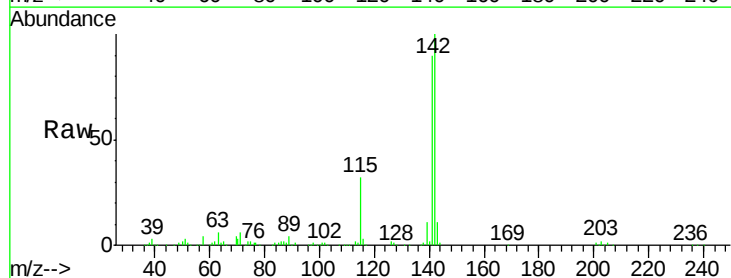
Instrument :
BNA_F
ClientSampleId :

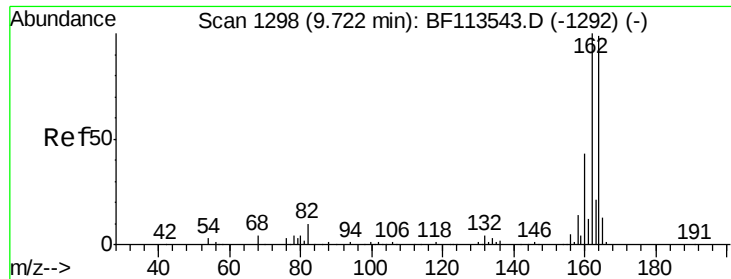
Tot Ion:142 Resp: 178184
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6
115 32.1 26.6 39.8



#38
1-Methylnaphthalene
Concen: 9.376 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:142 Resp: 171837
Ion Ratio Lower Upper
142 100
141 89.5 73.2 109.8
116 3.1 3.0 4.4

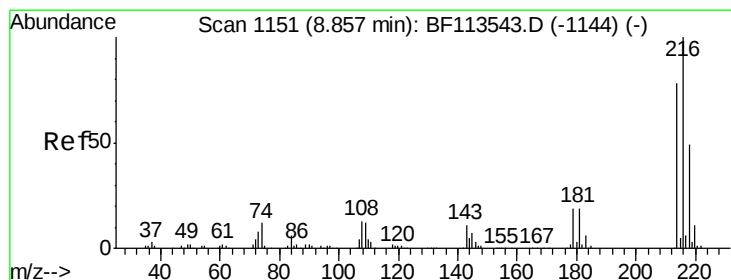
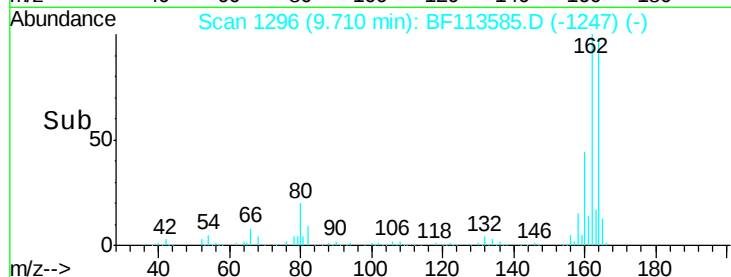
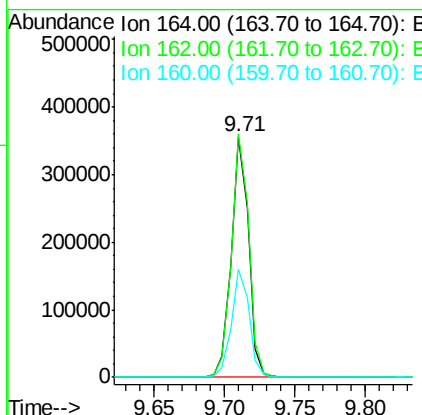
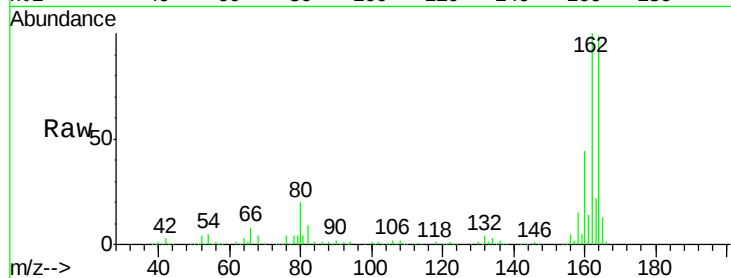




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

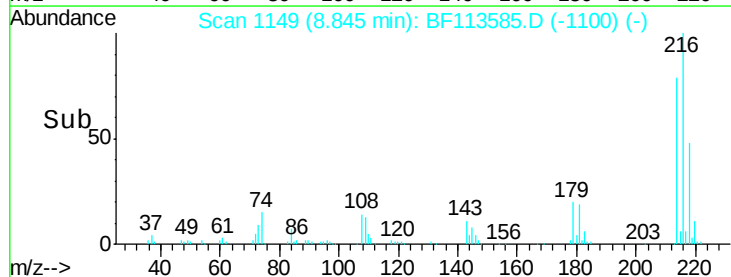
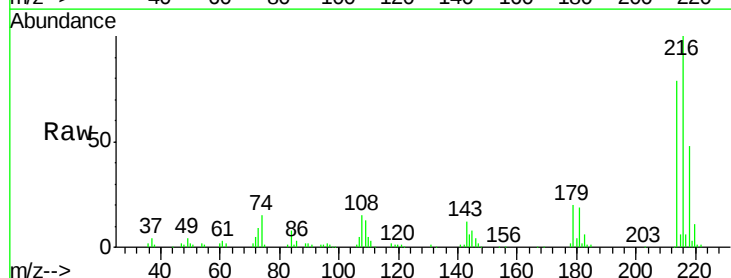
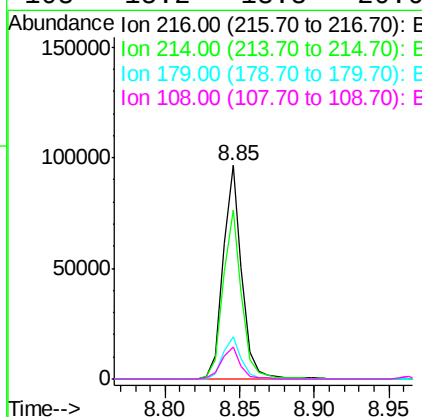
Instrument :
BNA_F
ClientSampled :

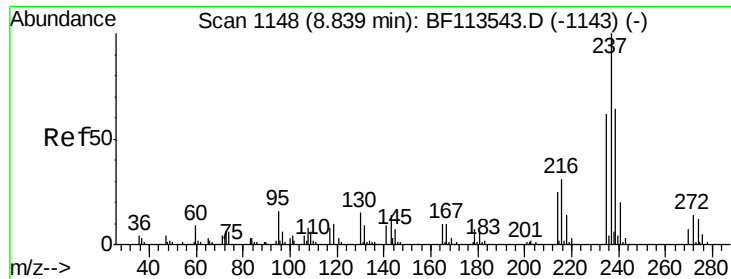
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.6
160	44.9	36.4	54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.659 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	19.6	16.8	25.2
108	15.2	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 14.659 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampled :

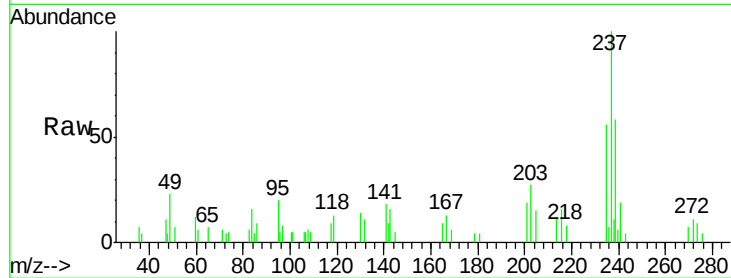
Tot Ion:237 Resp: 5366

Ion Ratio Lower Upper

237 100

235 55.6 43.4 83.4

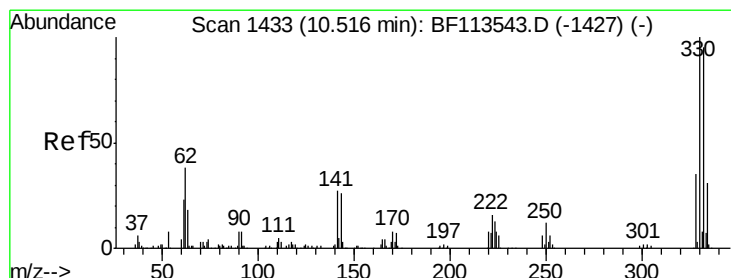
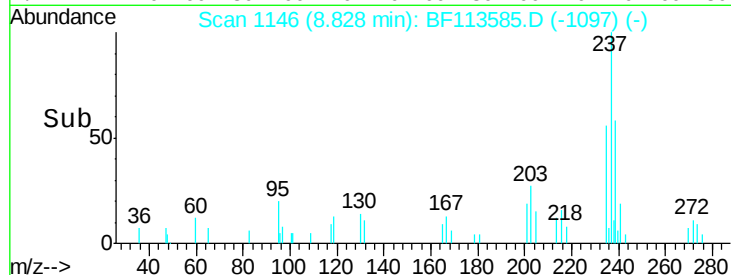
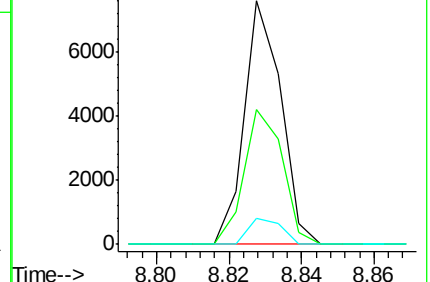
272 10.8 0.0 33.7



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: 128.875 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

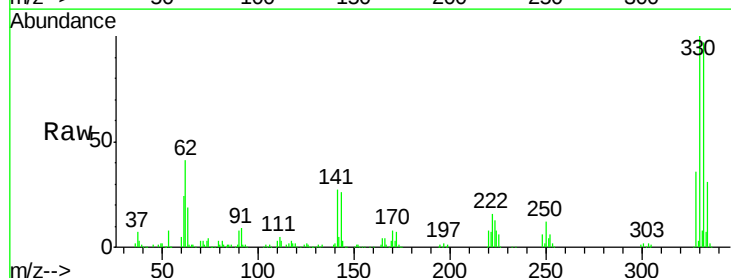
Tgt Ion:330 Resp: 468729

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

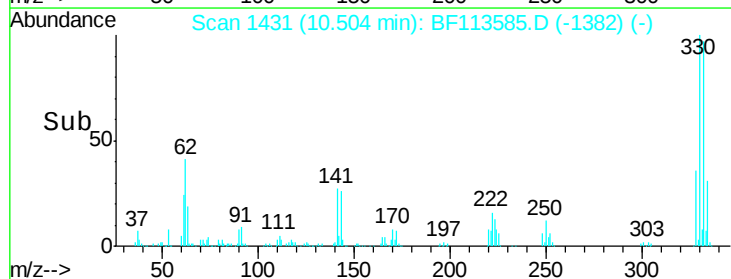
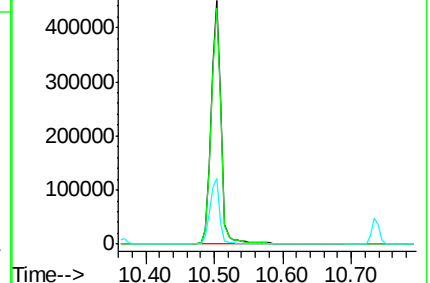
141 27.2 22.7 34.1

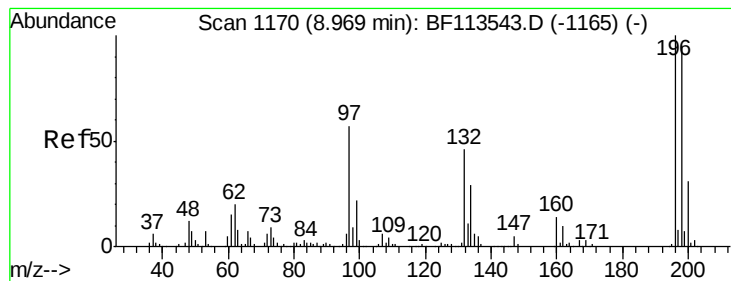


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 8.144 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

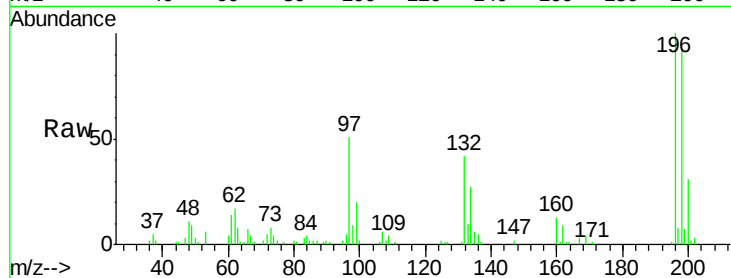
Tot Ion:196 Resp: 50338

Ion Ratio Lower Upper

196 100

198 93.4 77.7 116.5

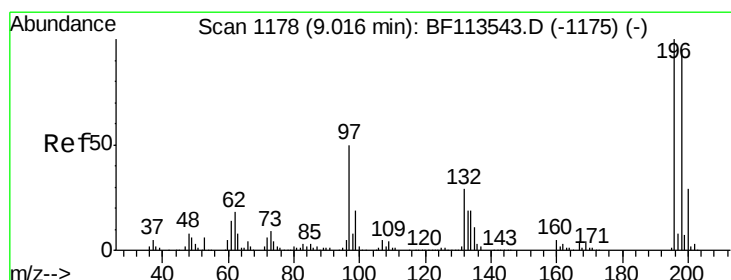
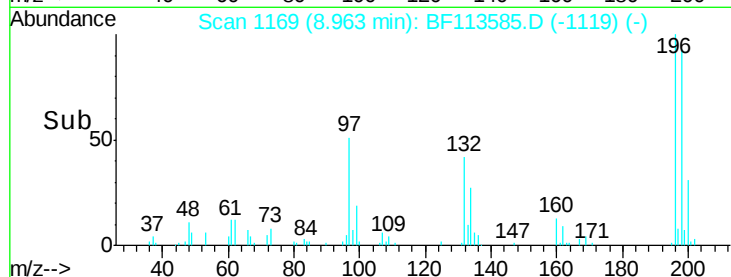
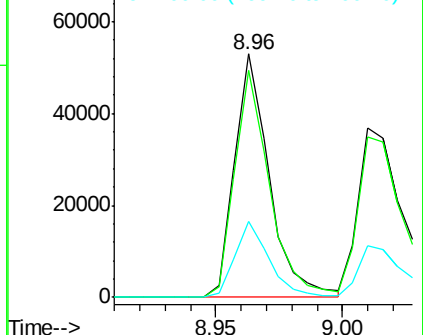
200 31.3 24.9 37.3



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: 8.031 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Tgt Ion:196 Resp: 53291

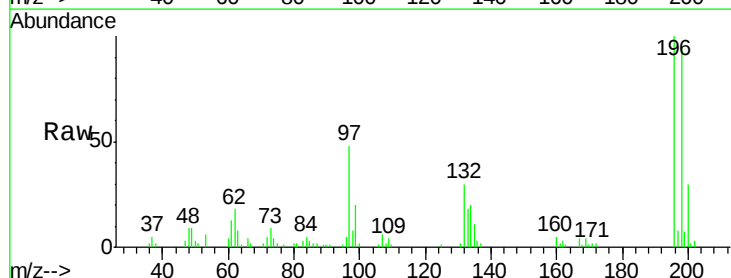
Ion Ratio Lower Upper

196 100

198 94.5 75.4 113.2

97 48.0 38.6 58.0

132 29.9 22.9 34.3

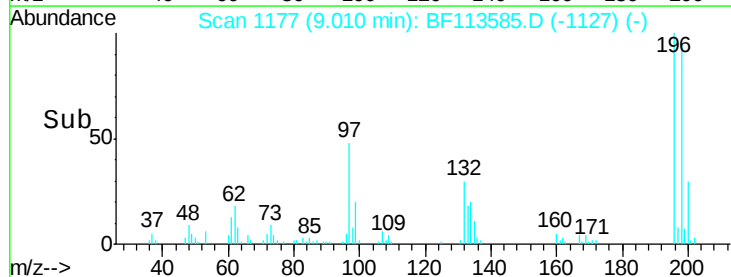
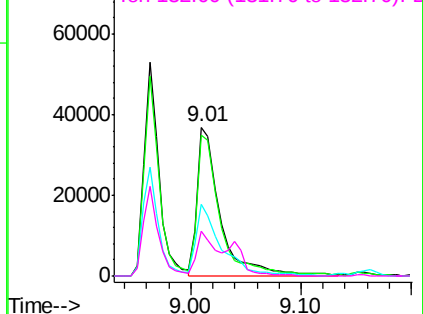


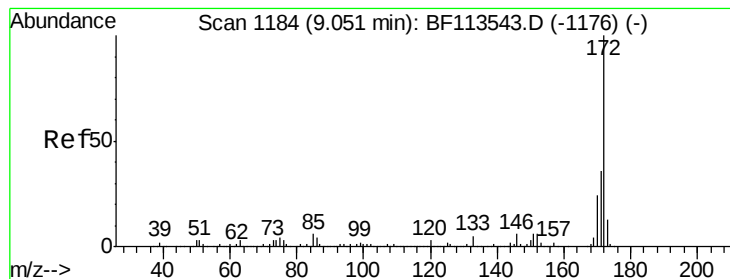
Abundance Ion 196.00 (195.70 to 196.70): E

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: 89.740 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

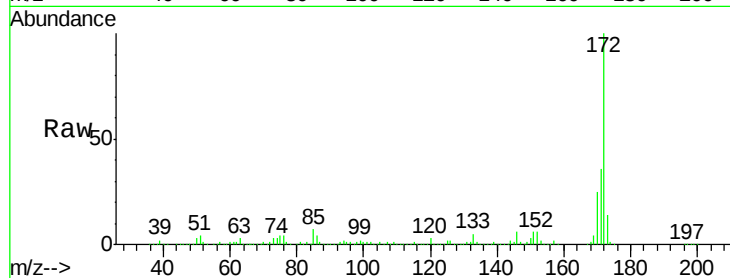
Tot Ion:172 Resp: 1687759

Ion Ratio Lower Upper

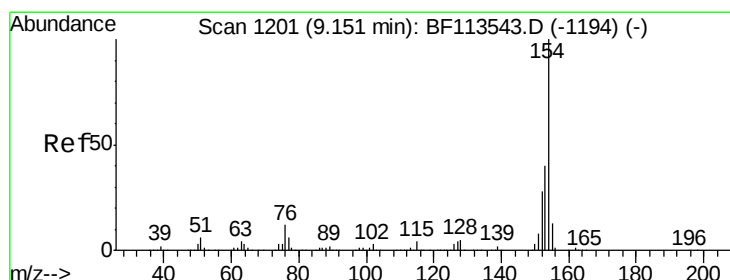
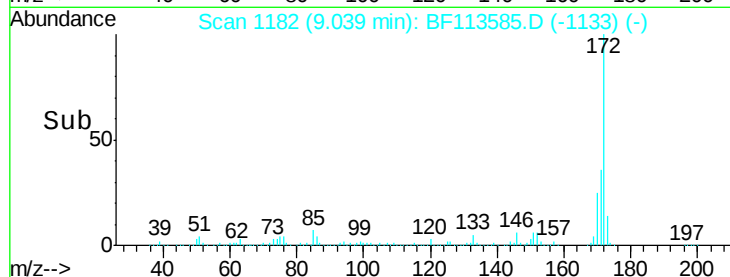
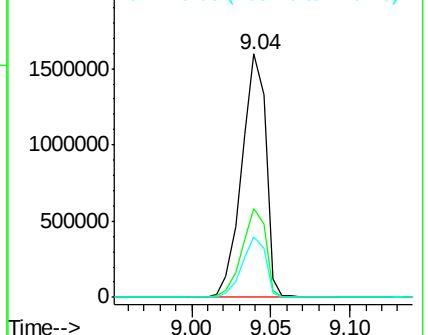
172 100

171 36.3 29.0 43.6

170 24.8 19.5 29.3



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



#46

1,1'-Biphenyl

Concen: 9.135 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

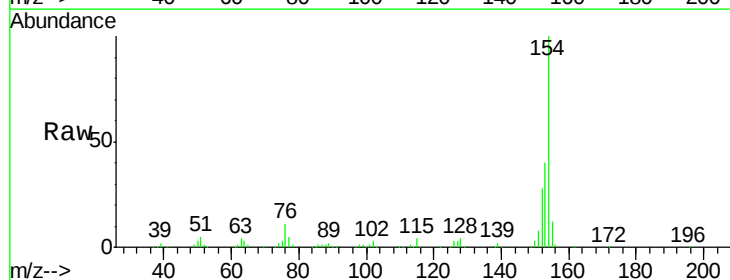
Tgt Ion:154 Resp: 228243

Ion Ratio Lower Upper

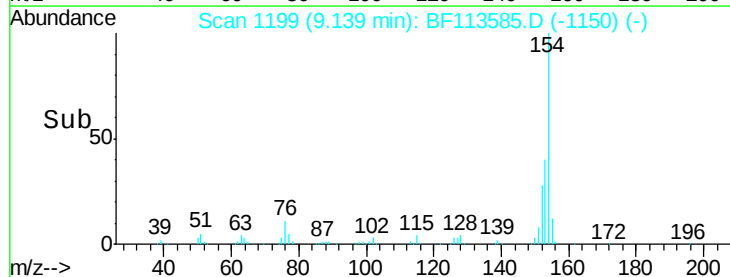
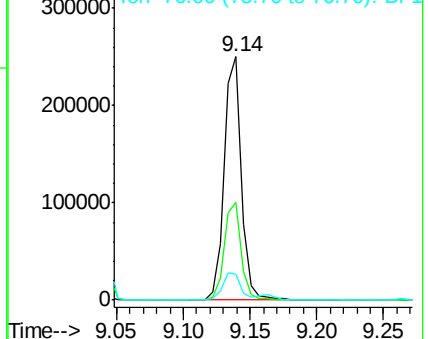
154 100

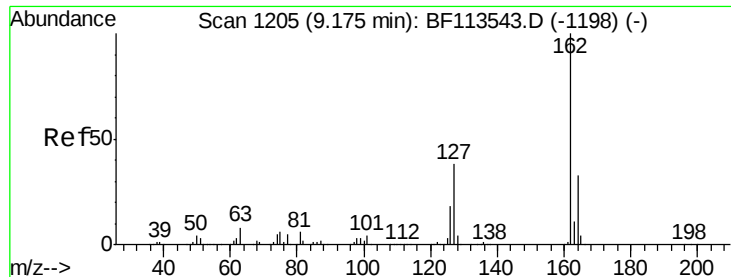
153 40.0 20.8 60.8

76 10.9 0.0 31.9



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

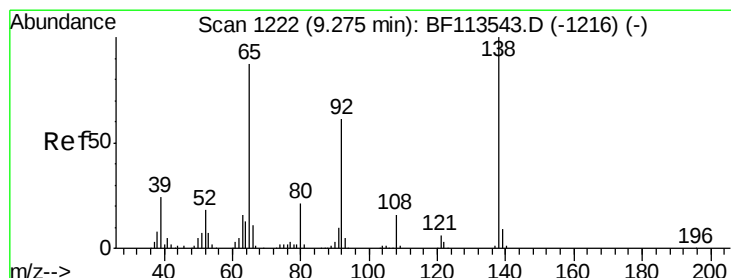
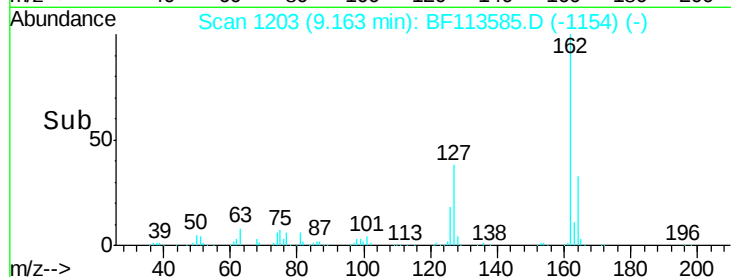
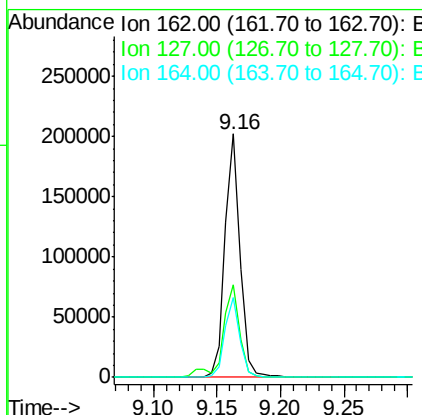
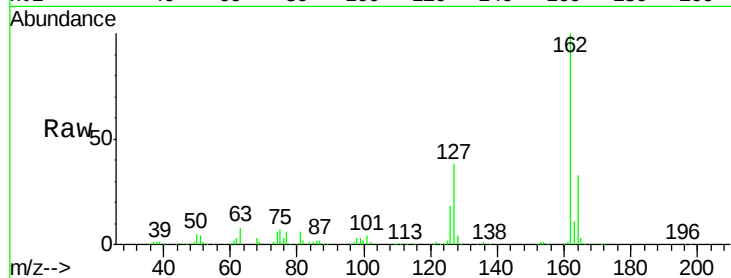




#47
 2-Chloronaphthalene
 Concen: 8.871 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

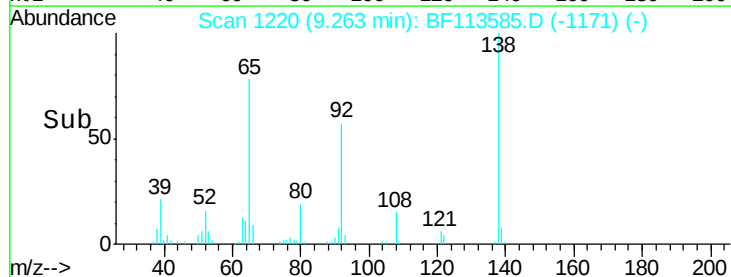
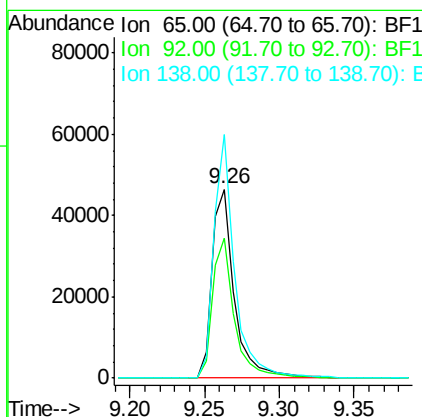
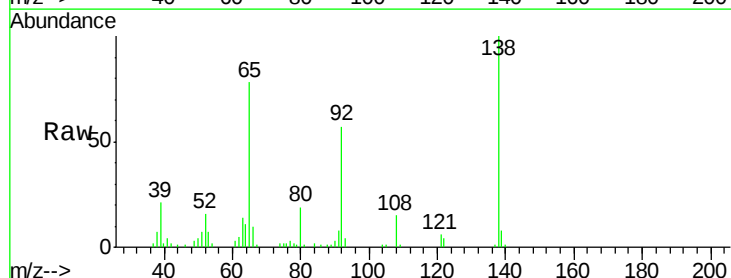
Instrument :
 BNA_F
 ClientSampleId :

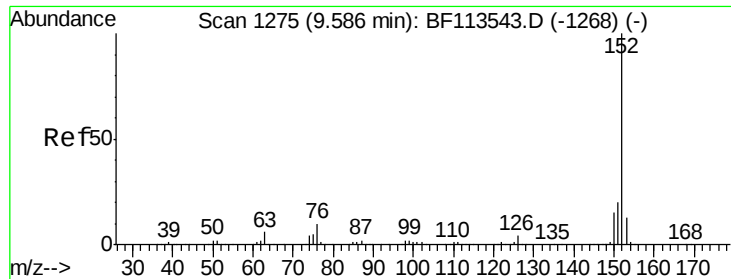
Tot Ion:162 Resp: 167817
 Ion Ratio Lower Upper
 162 100
 127 38.3 32.6 49.0
 164 33.0 26.6 39.8



#48
 2-Nitroaniline
 Concen: 8.367 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Tgt Ion: 65 Resp: 48430
 Ion Ratio Lower Upper
 65 100
 92 73.9 56.8 85.2
 138 128.8 92.3 138.5





#49

Acenaphthylene

Concen: 9.386 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

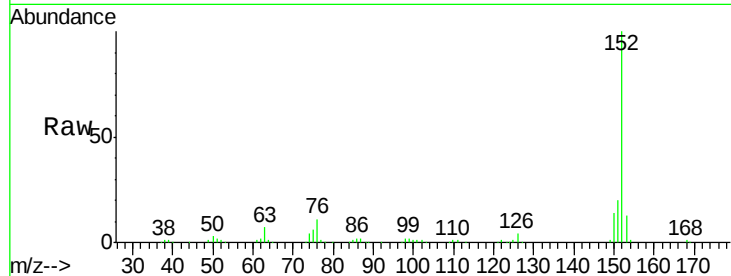
Tot Ion:152 Resp: 288718

Ion Ratio Lower Upper

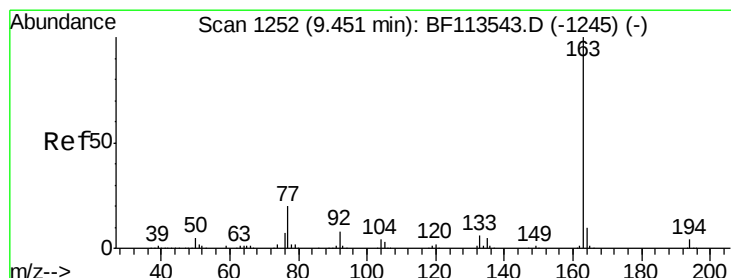
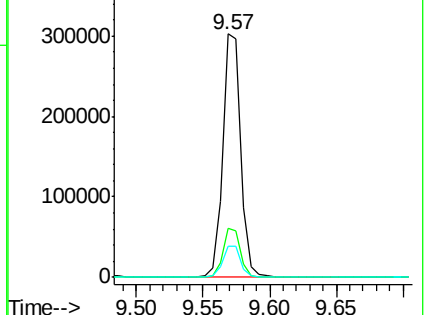
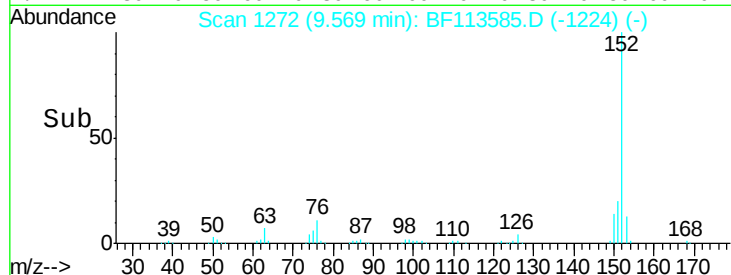
152 100

151 20.2 16.2 24.4

153 13.0 11.0 16.6



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: 8.760 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

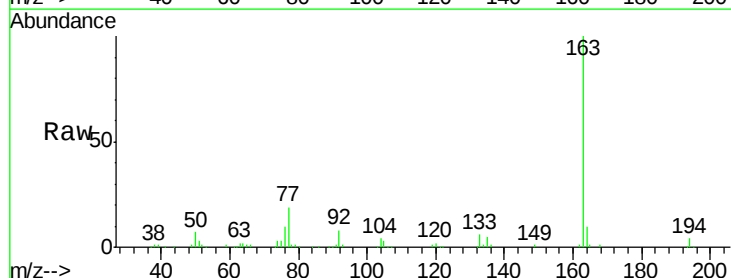
Tgt Ion:163 Resp: 195517

Ion Ratio Lower Upper

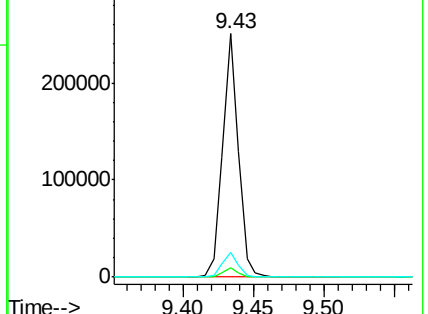
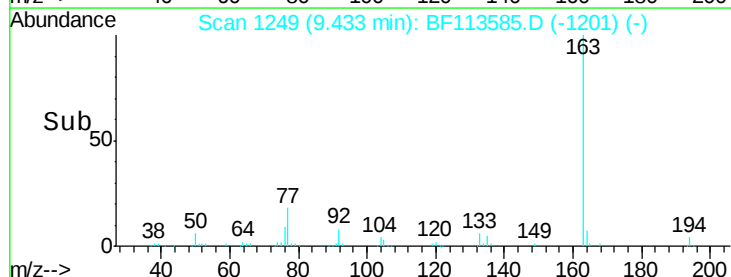
163 100

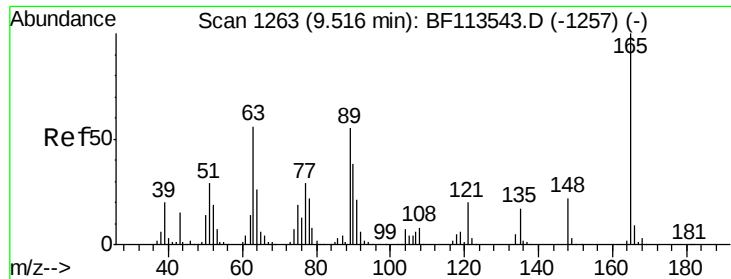
194 3.6 3.0 4.6

164 10.2 8.1 12.1



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

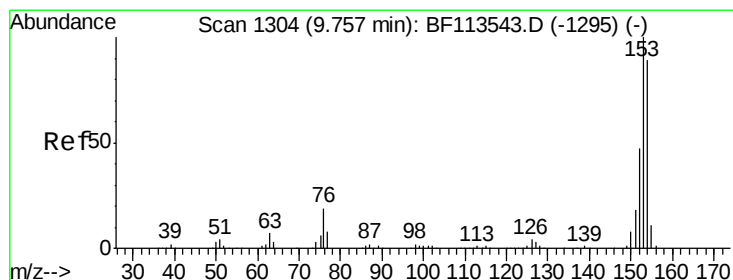
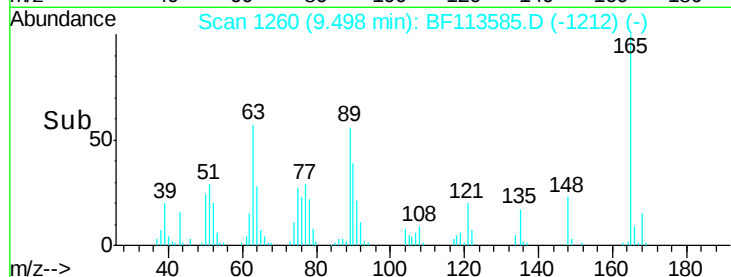
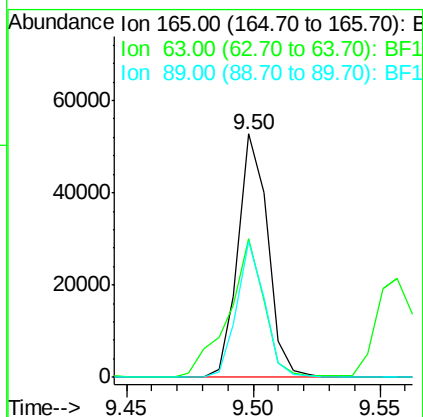
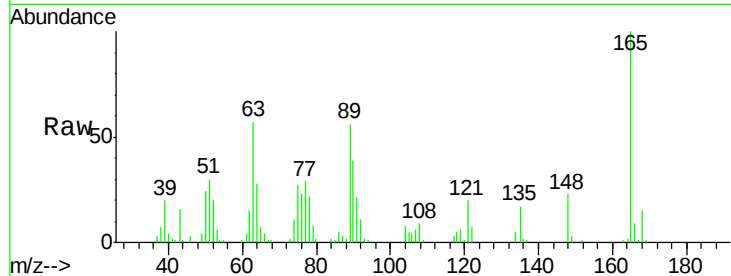




#51
 2,6-Dinitrotoluene
 Concen: 8.759 ng
 RT: 9.50 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

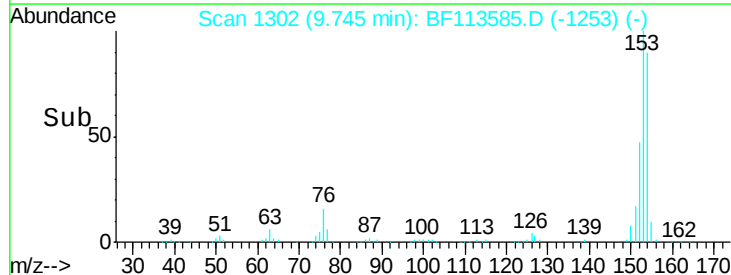
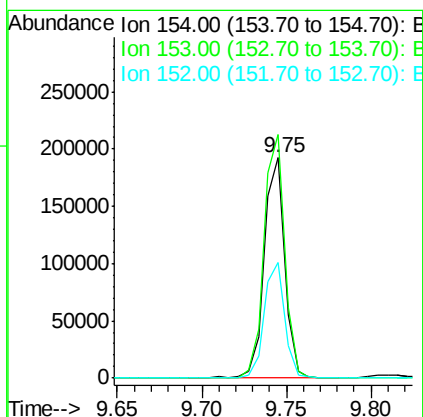
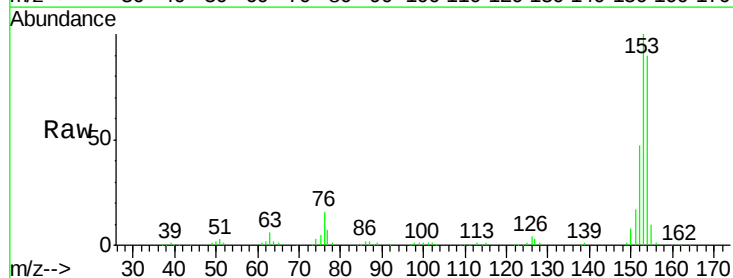
Instrument :
 BNA_F
 ClientSampled :

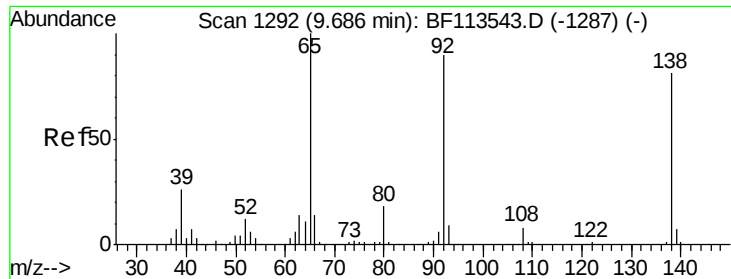
Tot Ion:165 Resp: 43093
 Ion Ratio Lower Upper
 165 100
 63 57.0 43.4 65.0
 89 55.8 43.1 64.7



#52
 Acenaphthene
 Concen: 9.240 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Tgt Ion:154 Resp: 162705
 Ion Ratio Lower Upper
 154 100
 153 110.7 89.5 134.3
 152 52.5 43.3 64.9

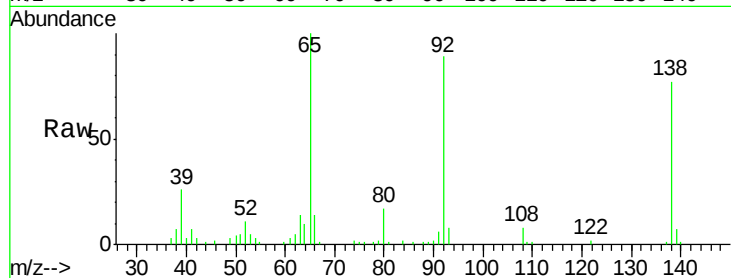




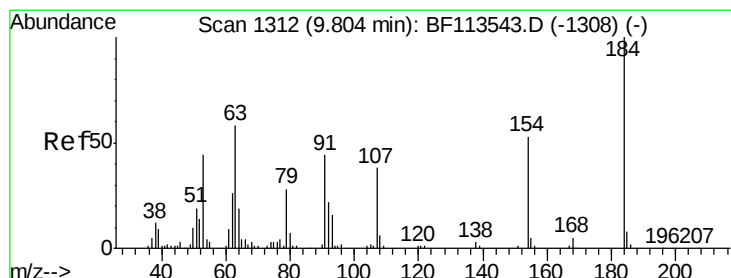
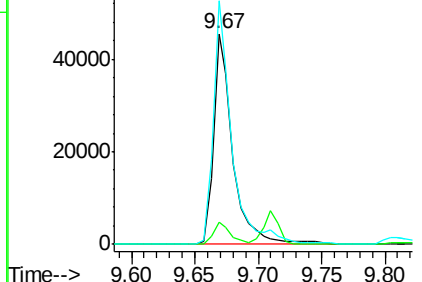
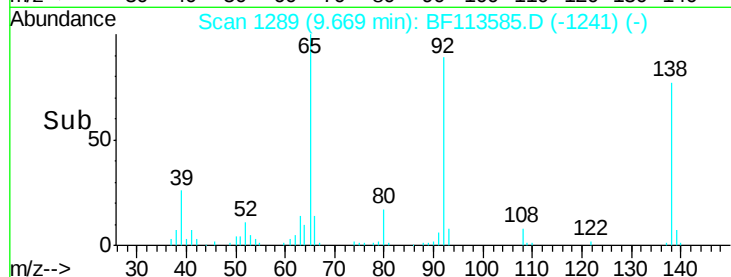
#53
3-Nitroaniline
Concen: 8.644 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 48350
Ion Ratio Lower Upper
138 100
108 10.6 7.8 11.6
92 115.5 82.6 124.0

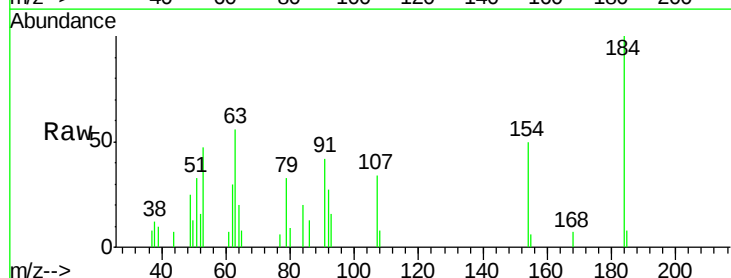


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

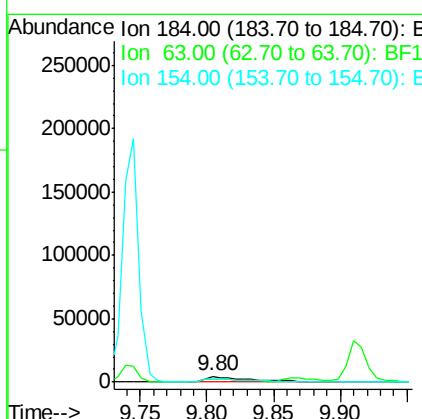
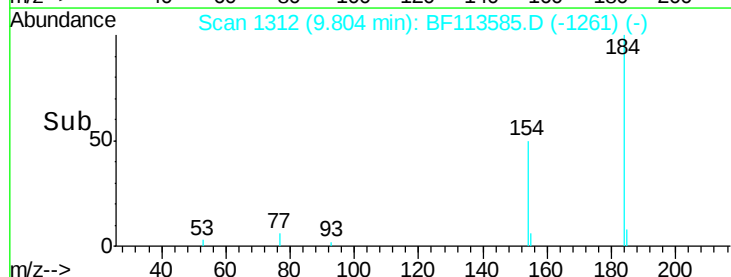


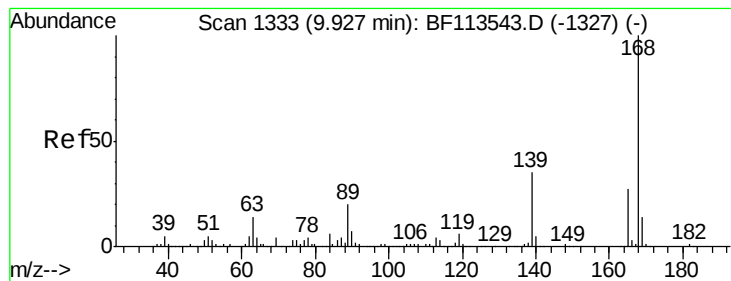
#54
2,4-Dinitrophenol
Concen: 4.771 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:184 Resp: 10982
Ion Ratio Lower Upper
184 100
63 55.6 54.3 81.5
154 49.8 48.4 72.6



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





#55

Dibenzenofuran

Concen: 9.732 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

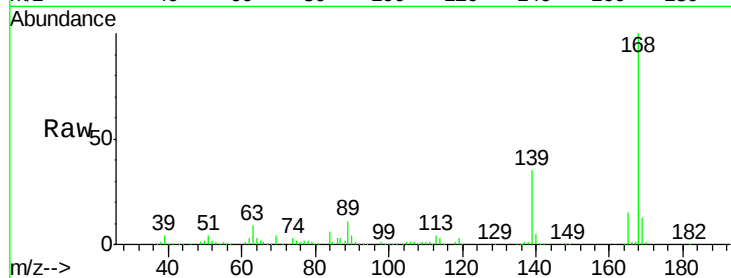
Tot Ion:168 Resp: 251385

Ion Ratio Lower Upper

168 100

139 35.0 29.7 44.5

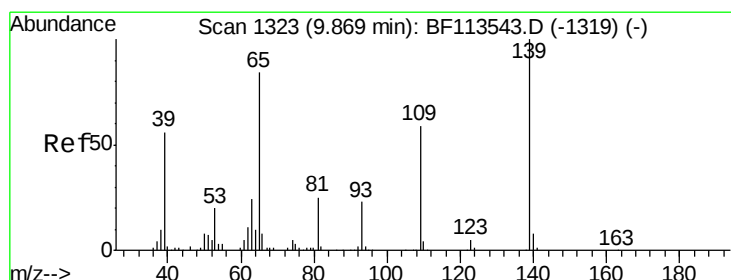
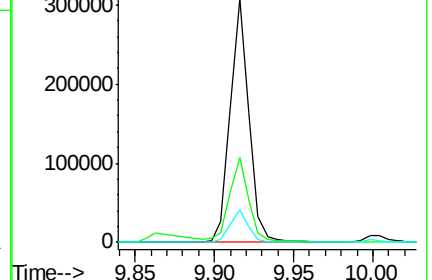
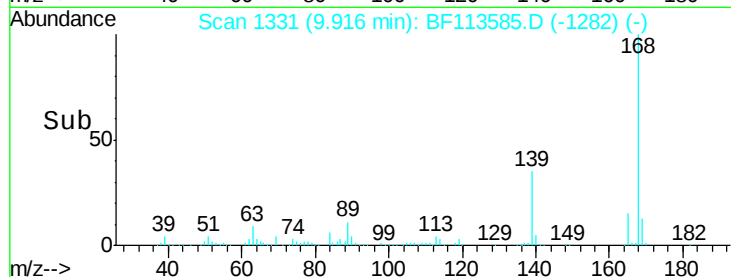
169 13.5 10.7 16.1



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: 5.560 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

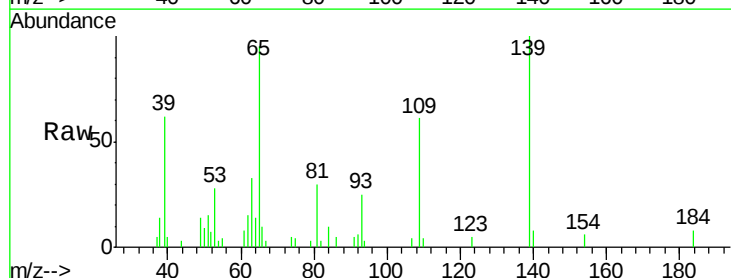
Tgt Ion:139 Resp: 19292

Ion Ratio Lower Upper

139 100

109 61.0 46.9 86.9

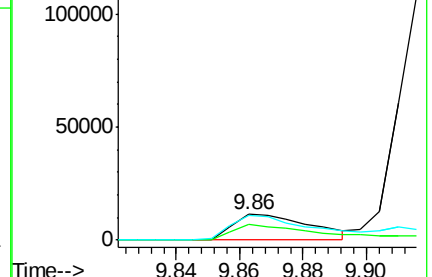
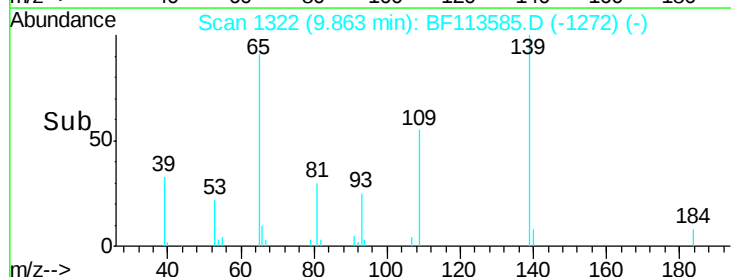
65 94.8 77.2 117.2

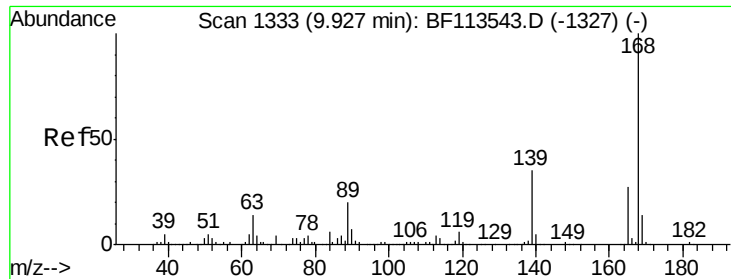


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

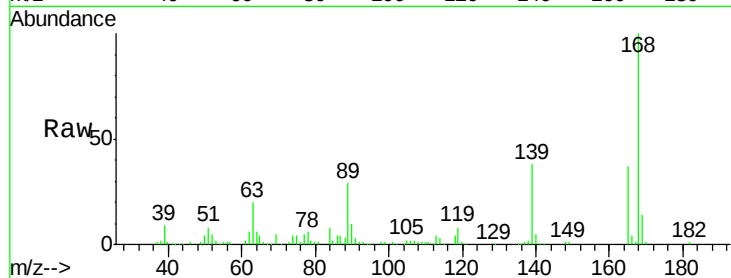




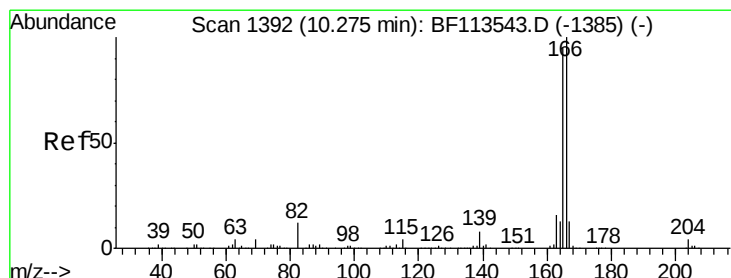
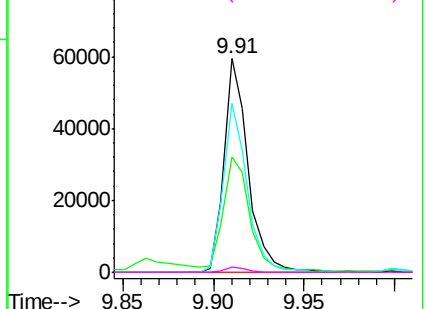
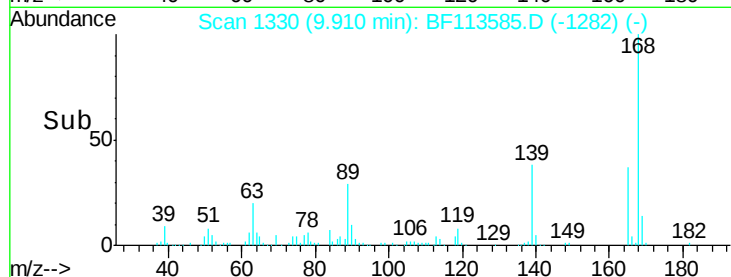
#57
2,4-Dinitrotoluene
Concen: 9.295 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 55304
Ion Ratio Lower Upper
165 100
63 54.2 37.5 56.3
89 78.8 57.4 86.2
182 2.5 2.0 3.0

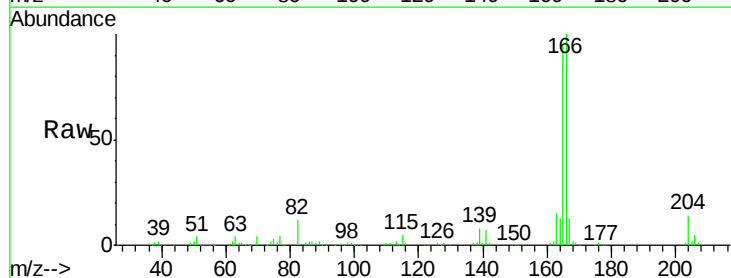


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

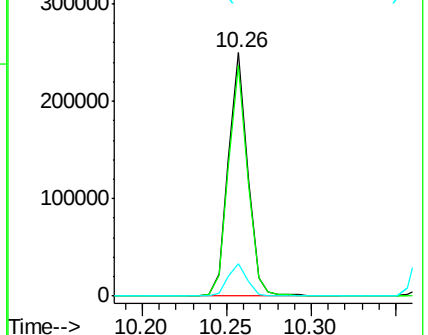
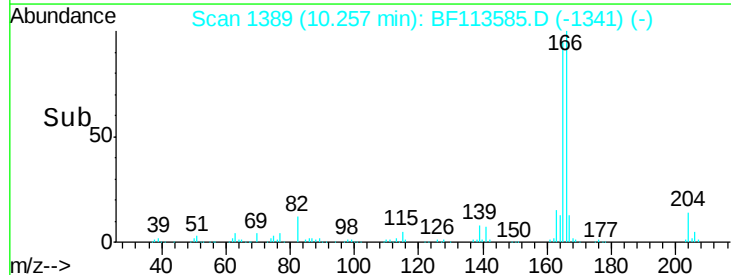


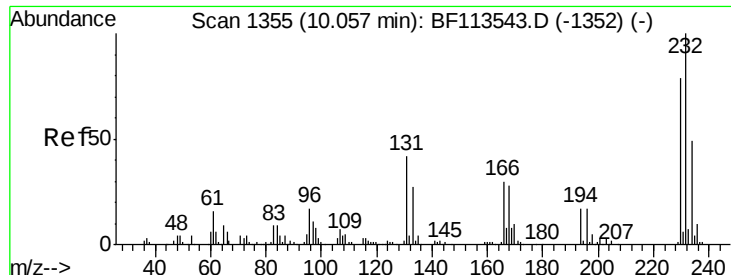
#58
Fluorene
Concen: 9.755 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.02 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:166 Resp: 199280
Ion Ratio Lower Upper
166 100
165 94.9 76.2 114.2
167 13.3 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

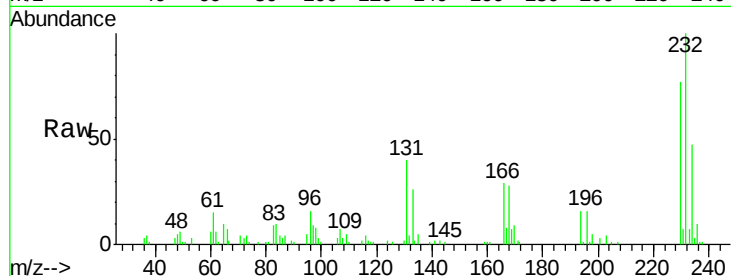




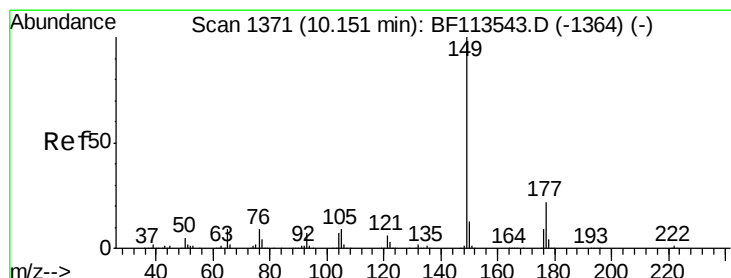
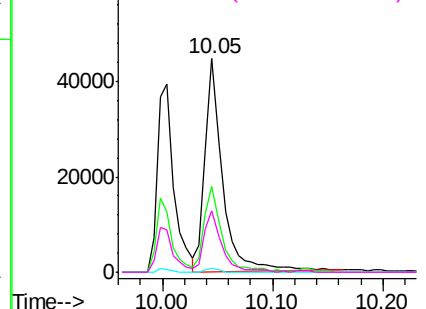
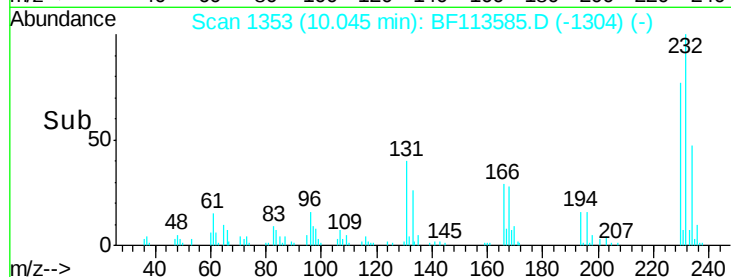
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.417 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 48347
 Ion Ratio Lower Upper
 232 100
 131 41.2 33.2 49.8
 130 1.5 1.6 2.4#
 166 29.1 21.0 31.6

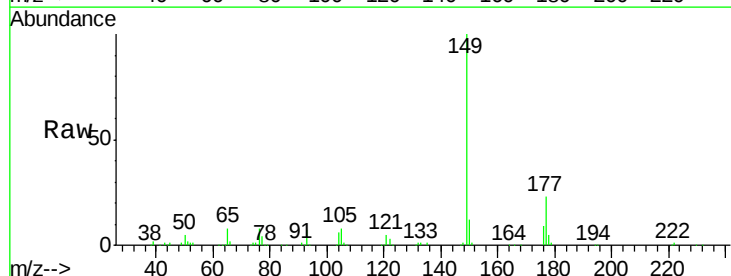


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

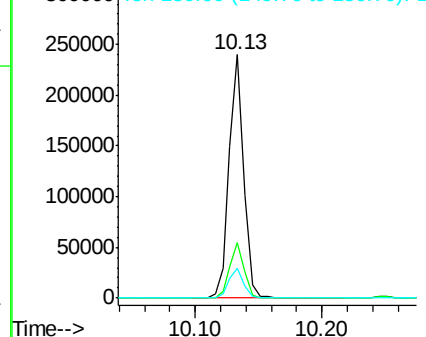
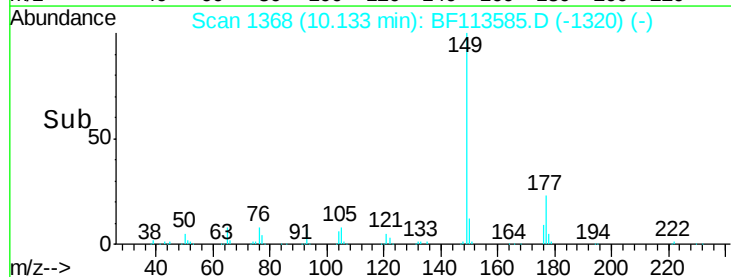


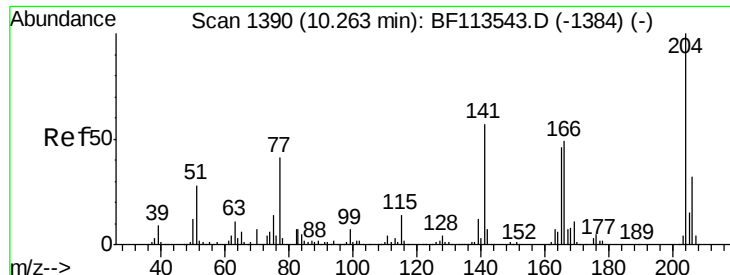
#60
 Diethylphthalate
 Concen: 8.945 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.02 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Tgt Ion:149 Resp: 192479
 Ion Ratio Lower Upper
 149 100
 177 22.6 17.4 26.0
 150 12.0 10.0 15.0



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

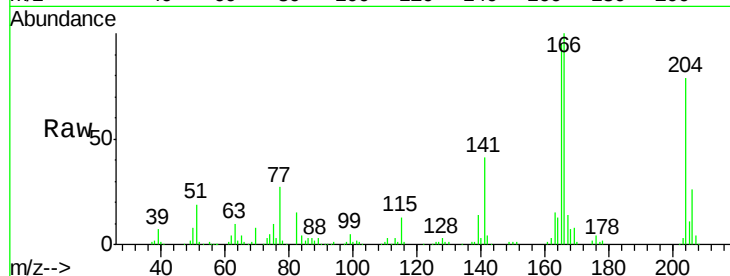




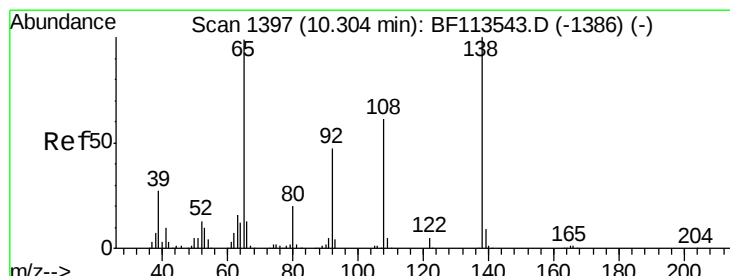
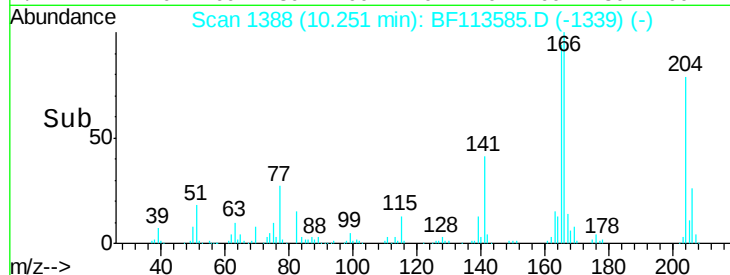
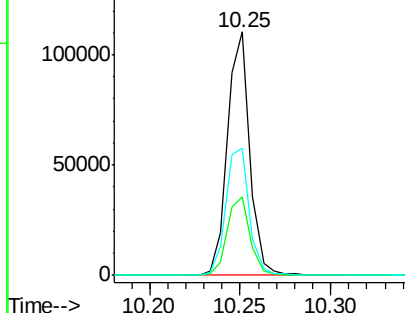
#61
 4-Chlorophenyl-phenylether
 Concen: 9.425 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 94706
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.9 40.3
 141 52.1 48.8 73.2

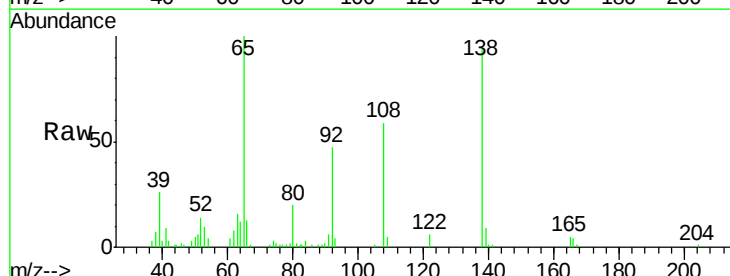


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

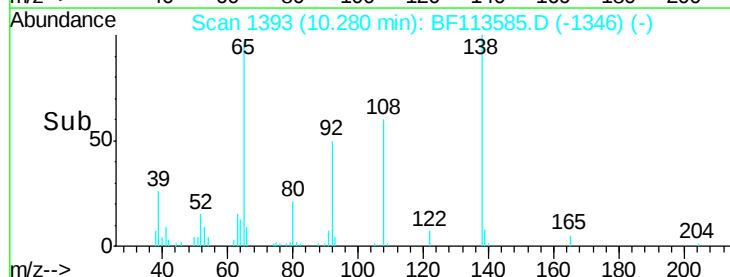
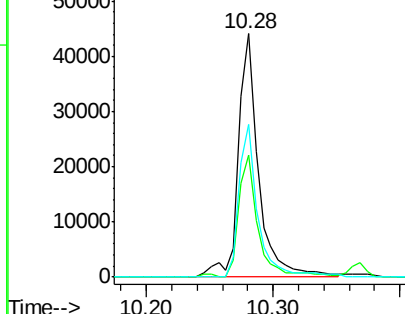


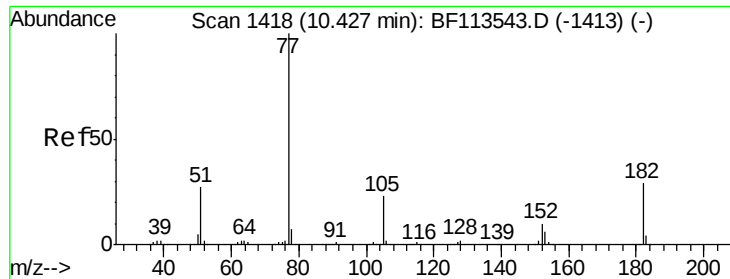
#62
 4-Nitroaniline
 Concen: 8.541 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Tgt Ion:138 Resp: 48582
 Ion Ratio Lower Upper
 138 100
 92 50.0 25.8 65.8
 108 62.5 44.0 84.0



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: 8.931 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.02 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 181961

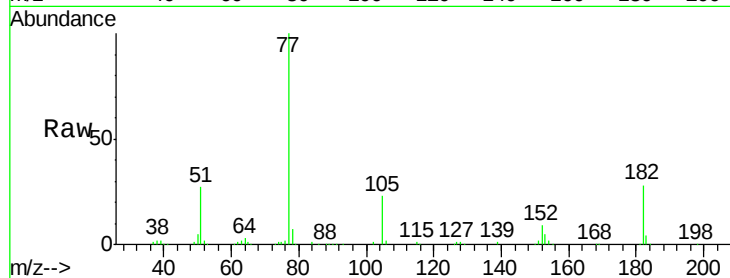
Ion Ratio Lower Upper

77 100

182 28.4 8.7 48.7

105 23.2 2.9 42.9

51 27.5 8.8 48.8

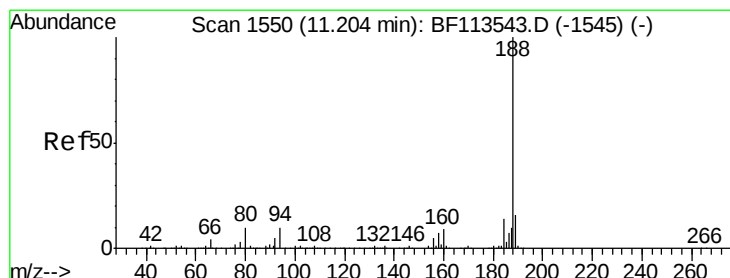
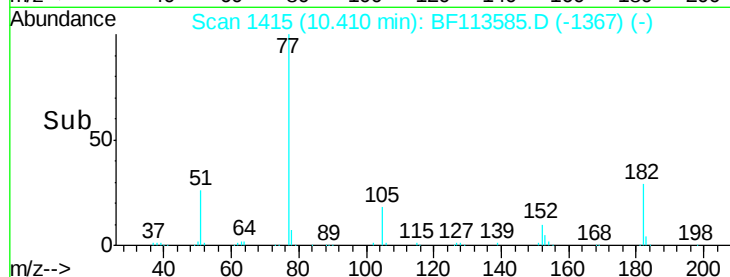
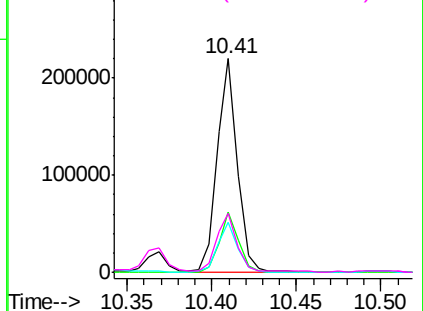


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

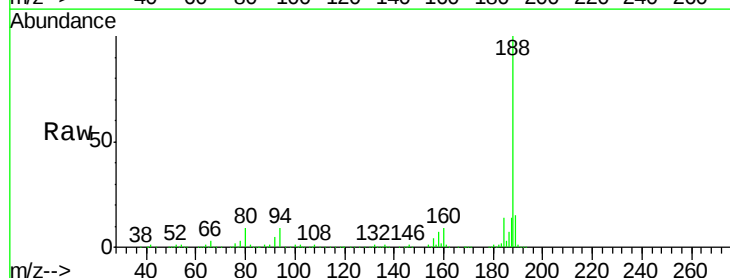
Tgt Ion: 188 Resp: 609310

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

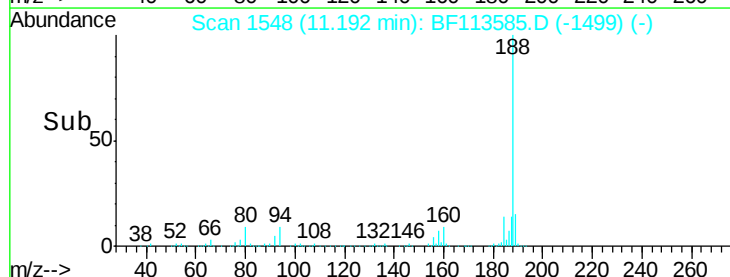
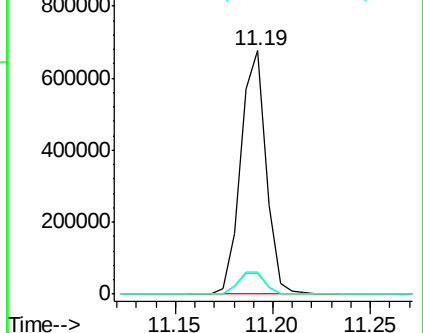
80 9.1 7.7 11.5

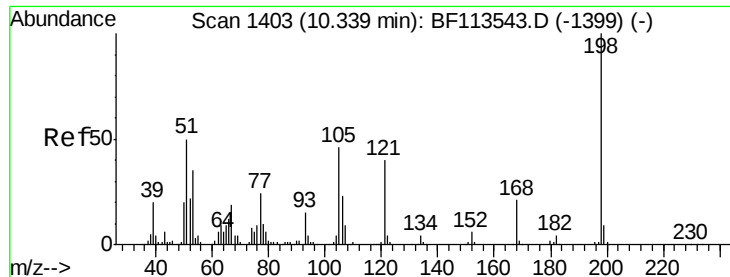


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 6.067 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

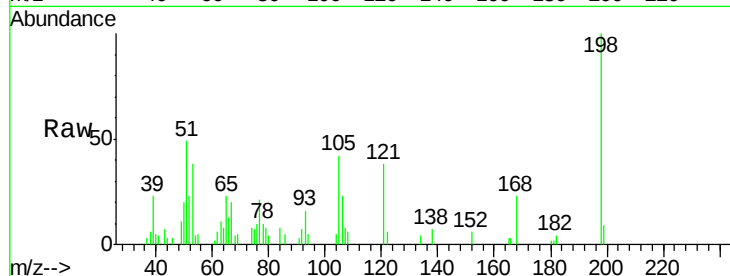
Tot Ion:198 Resp: 19460

Ion Ratio Lower Upper

198 100

51 48.6 21.6 61.6

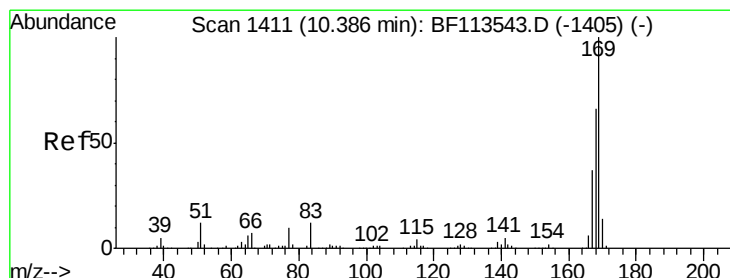
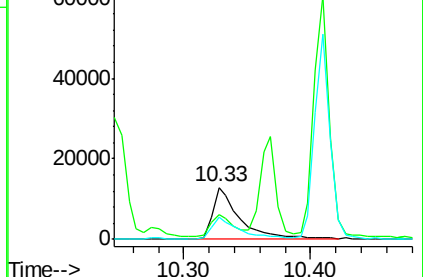
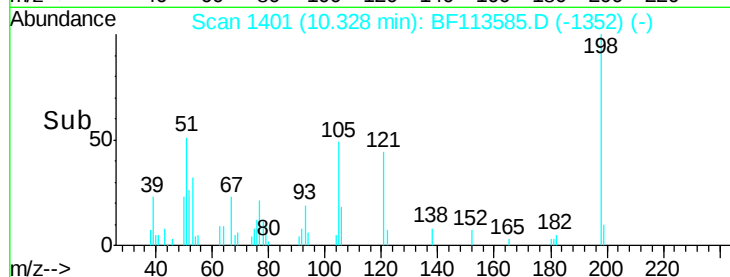
105 42.2 20.6 60.6



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: 9.062 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

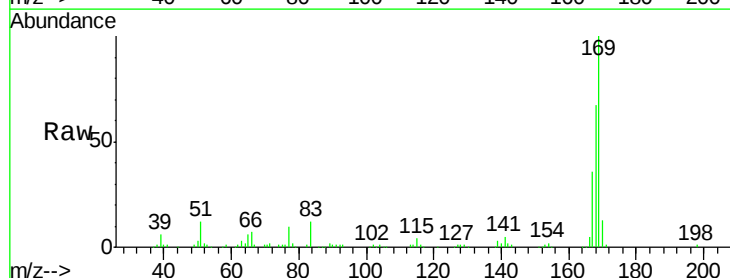
Tgt Ion:169 Resp: 169517

Ion Ratio Lower Upper

169 100

168 67.4 53.7 80.5

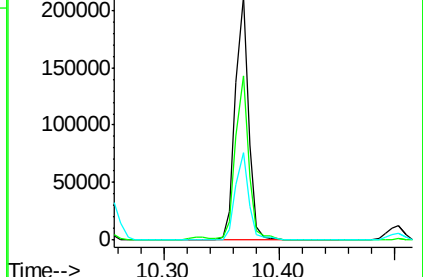
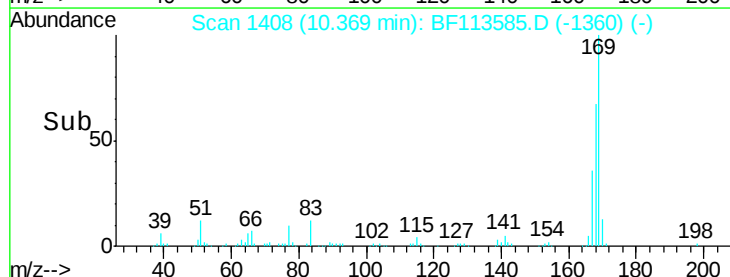
167 35.7 29.5 44.3

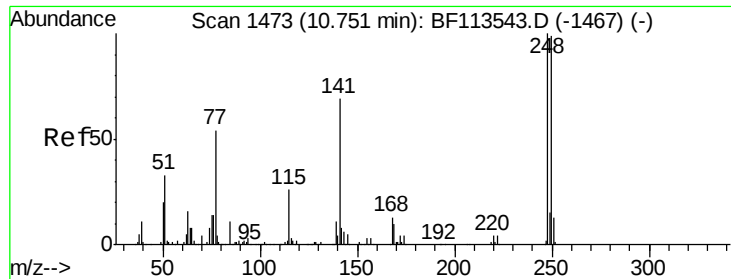


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

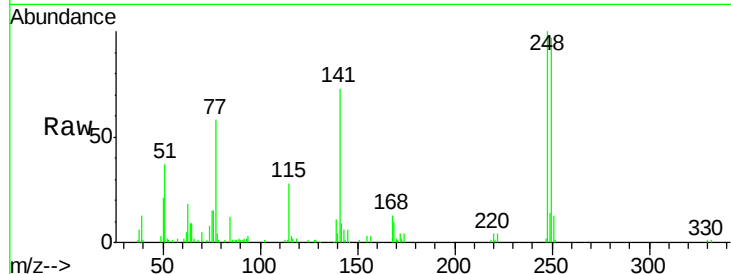




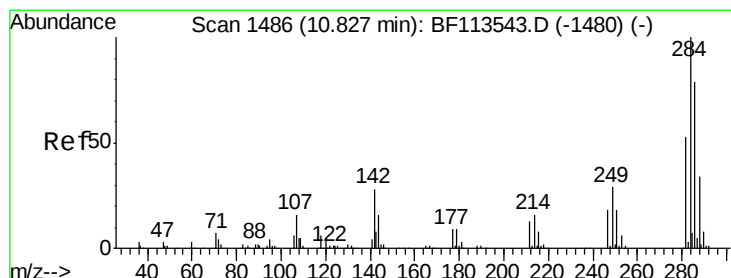
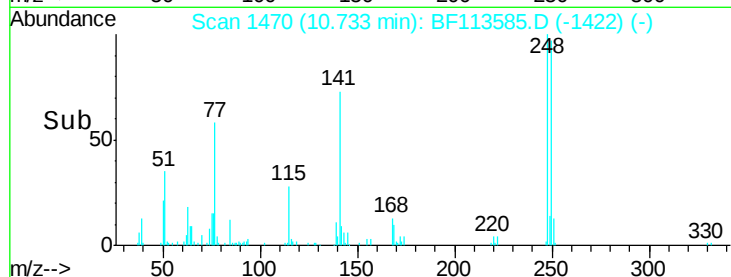
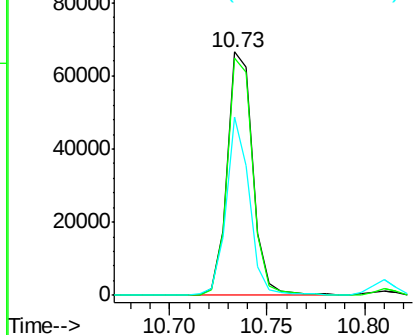
#67
4-Bromophenyl-phenylether
Concen: 8.891 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 60759
Ion Ratio Lower Upper
248 100
250 97.2 78.3 117.5
141 73.5 56.2 84.4

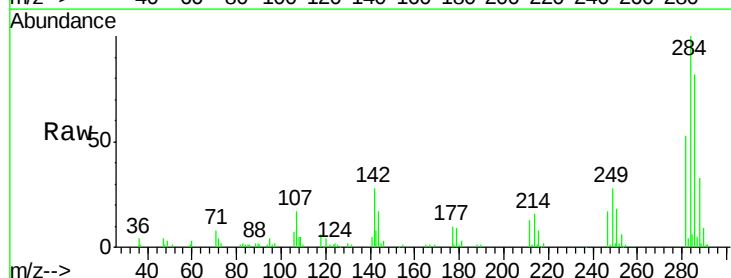


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

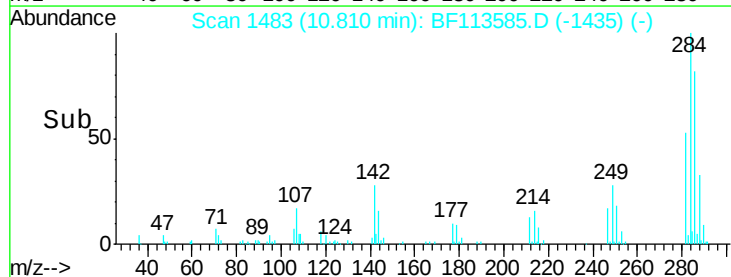
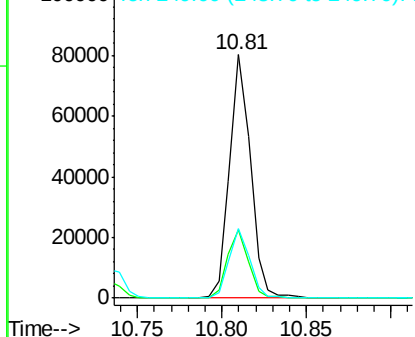


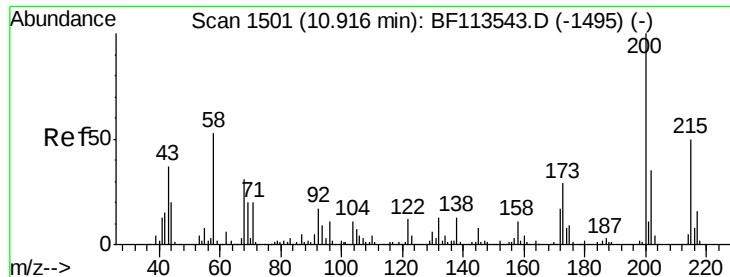
#68
Hexachlorobenzene
Concen: 8.888 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:284 Resp: 69591
Ion Ratio Lower Upper
284 100
142 28.2 20.1 30.1
249 28.4 22.7 34.1



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

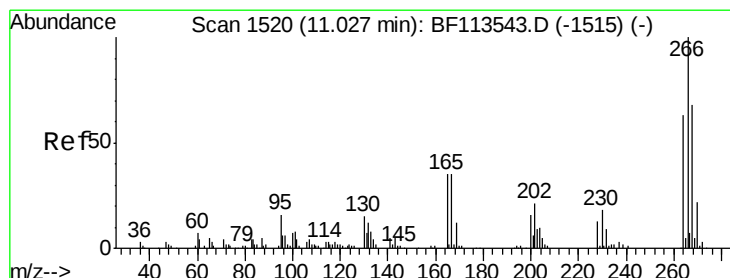
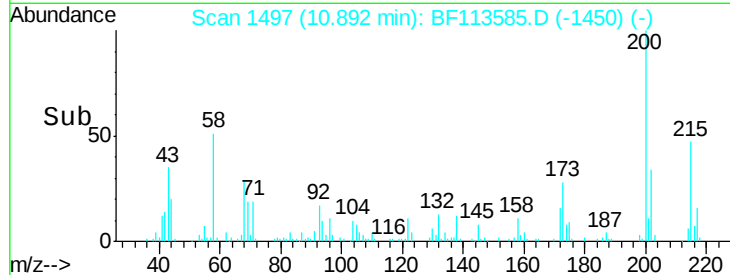
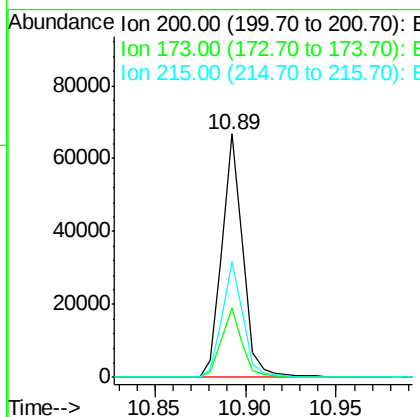
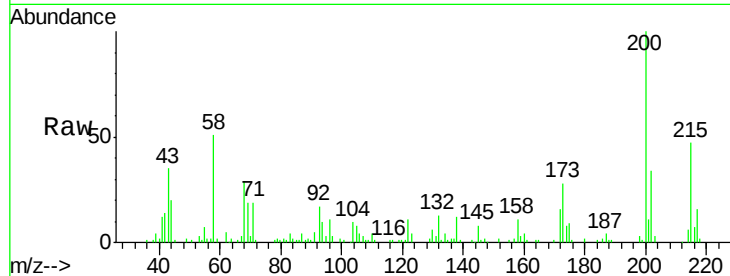




#69
 Atrazine
 Concen: 9.124 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

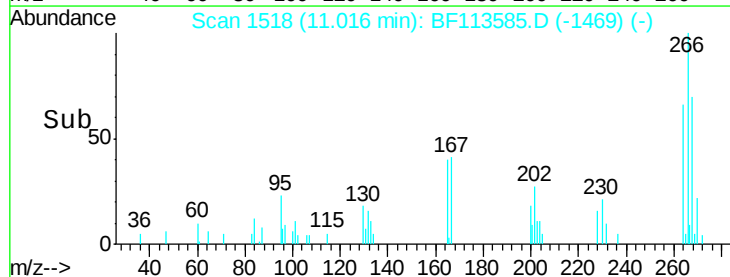
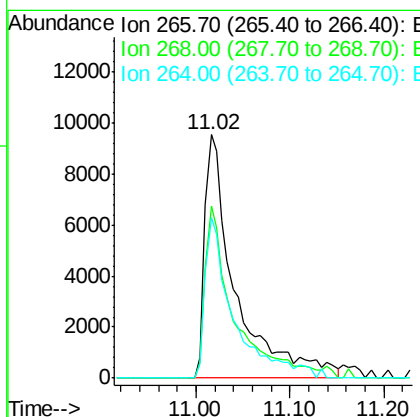
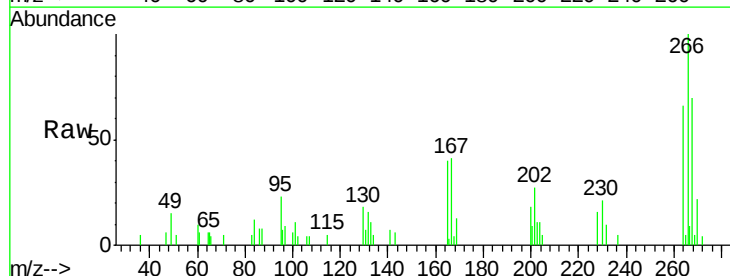
Instrument :
 BNA_F
 ClientSampled :

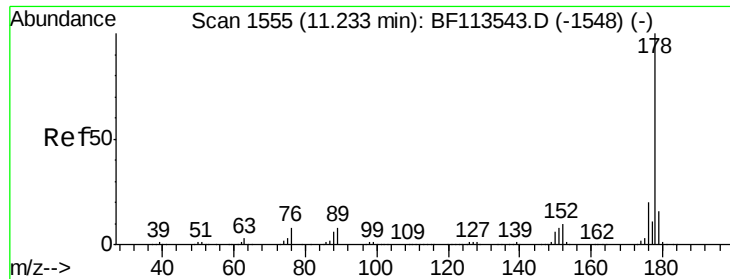
Tot Ion:200 Resp: 53792
 Ion Ratio Lower Upper
 200 100
 173 28.3 6.0 46.0
 215 47.5 31.3 71.3



#70
 Pentachlorophenol
 Concen: 5.893 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Tgt Ion:266 Resp: 21744
 Ion Ratio Lower Upper
 266 100
 268 70.4 53.8 80.6
 264 65.7 49.2 73.8

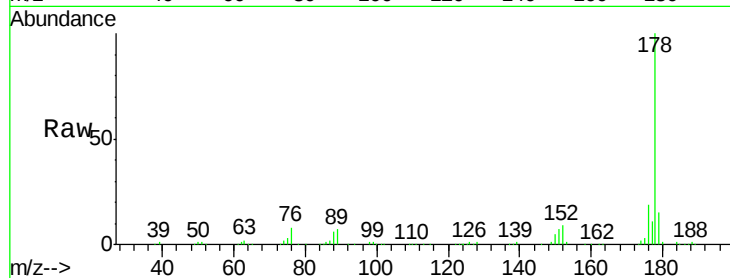




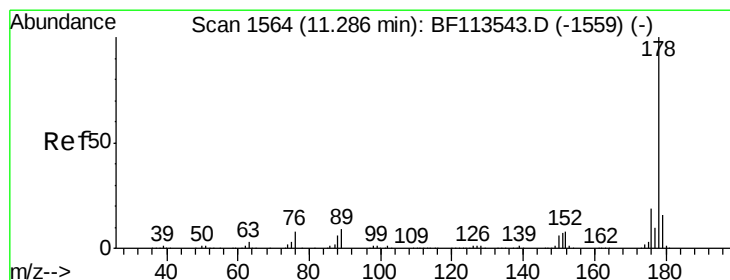
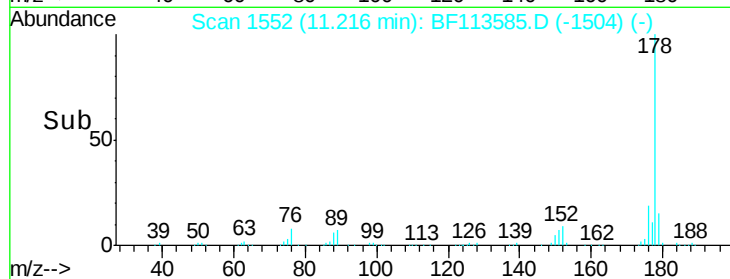
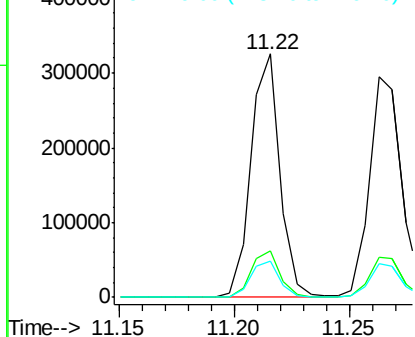
#71
Phenanthrene
Concen: 9.457 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 286325
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.2
179 15.0 12.7 19.1

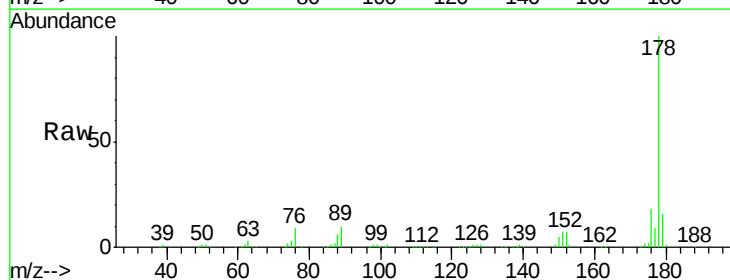


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

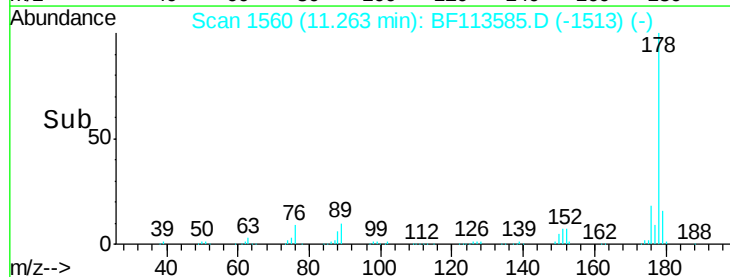
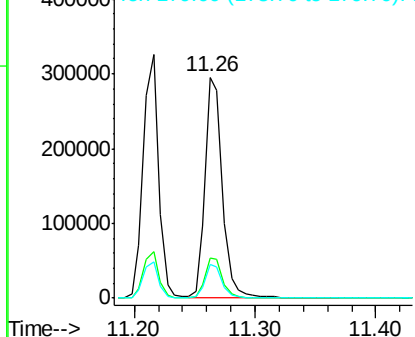


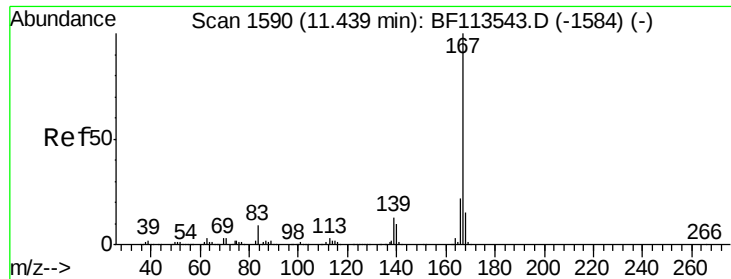
#72
Anthracene
Concen: 9.598 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:178 Resp: 295648
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.6 12.8 19.2



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

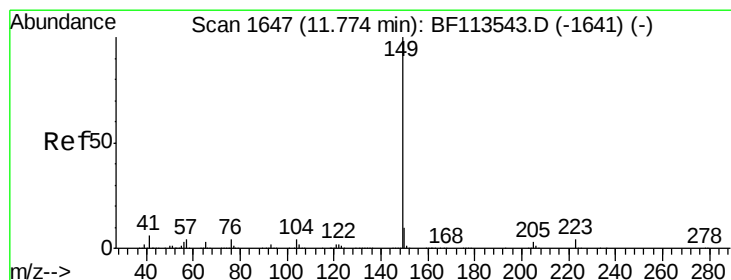
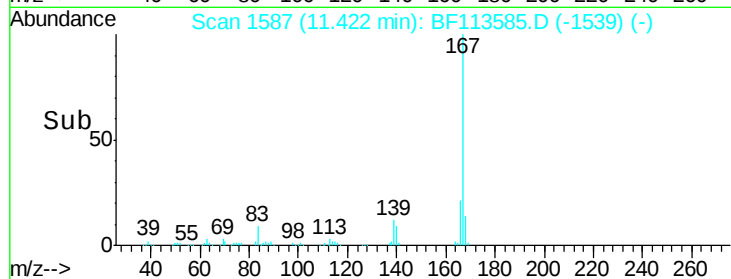
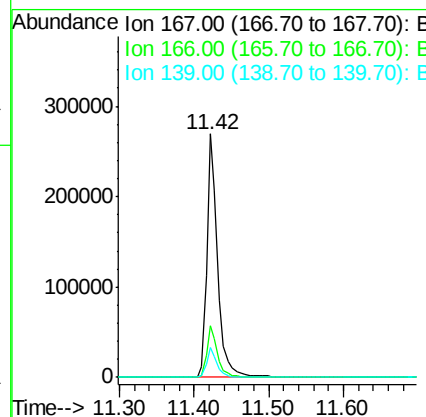
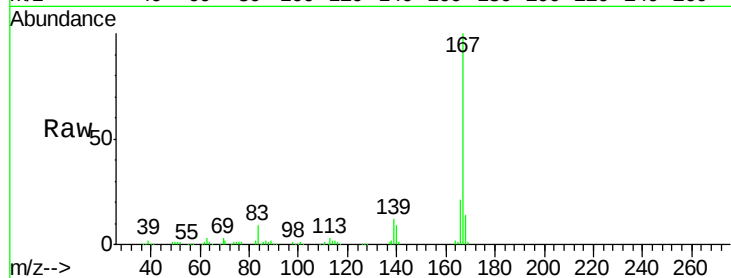




#73
 Carbazole
 Concen: 9.554 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.02 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

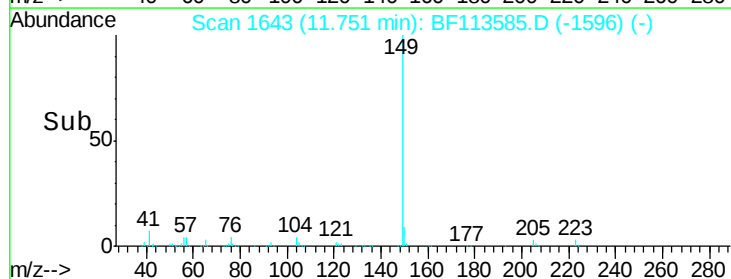
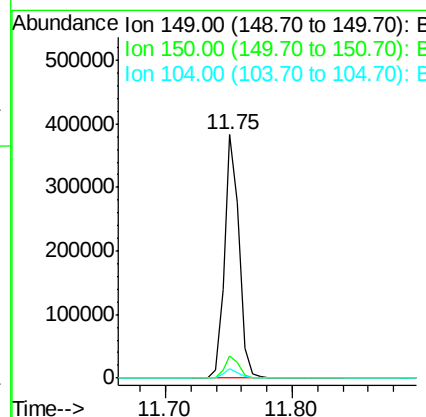
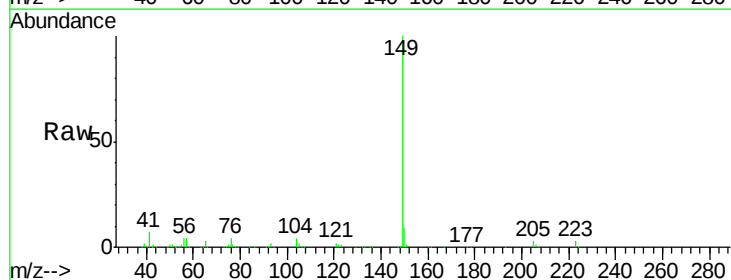
Instrument :
 BNA_F
 ClientSampleId :

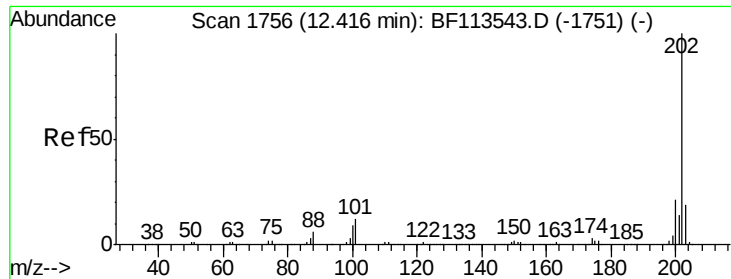
Tot Ion:167 Resp: 275249
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.1 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 8.998 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BF113585.D
 Acq: 4 Apr 2019 16:05

Tgt Ion:149 Resp: 308405
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.1 3.7 5.5

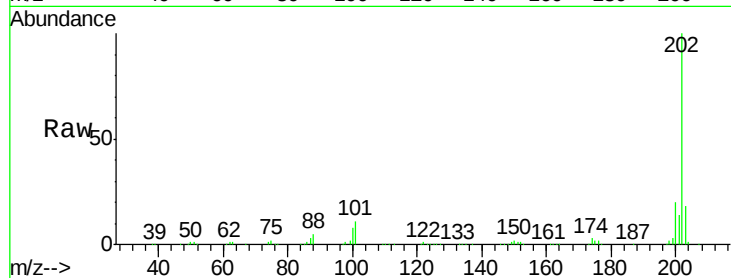




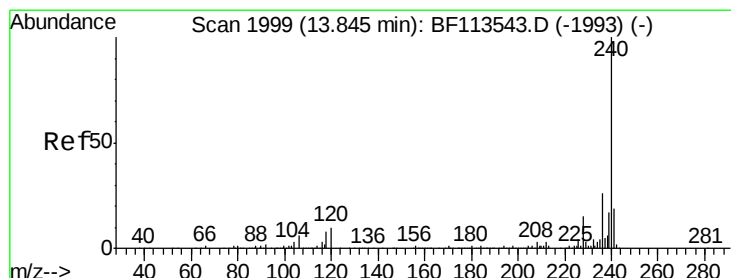
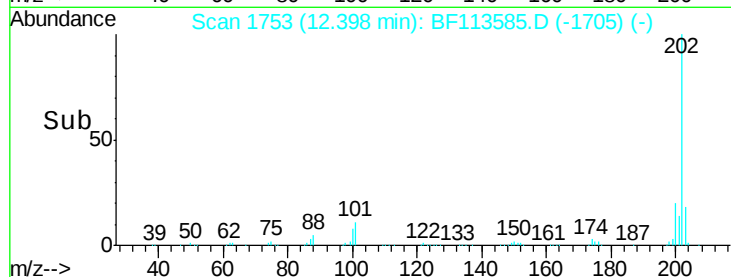
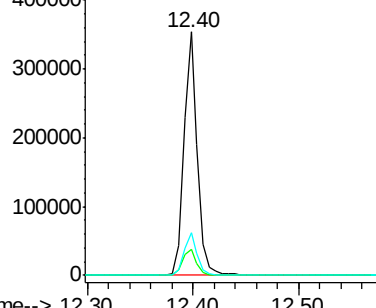
#75
Fluoranthene
Concen: 9.741 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 316044
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 17.5 0.0 38.0

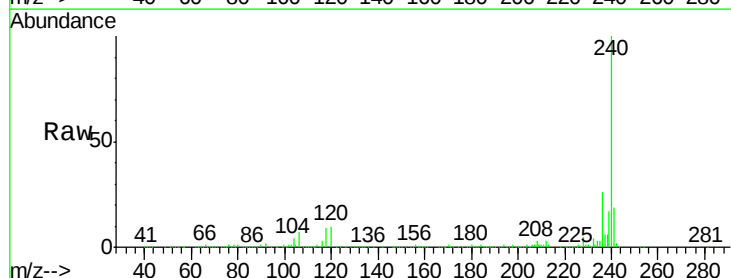


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

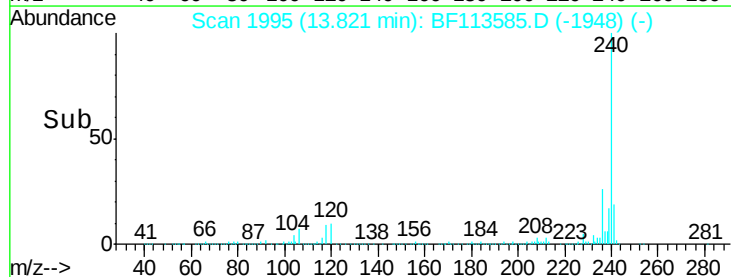
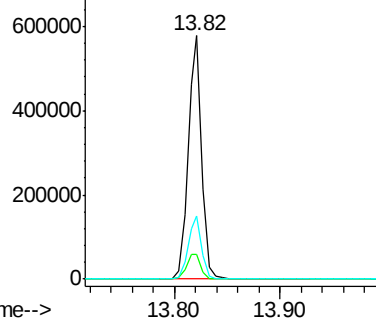


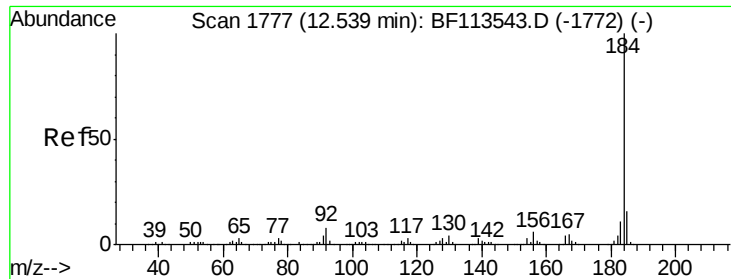
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:240 Resp: 522587
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
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: 7.514 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

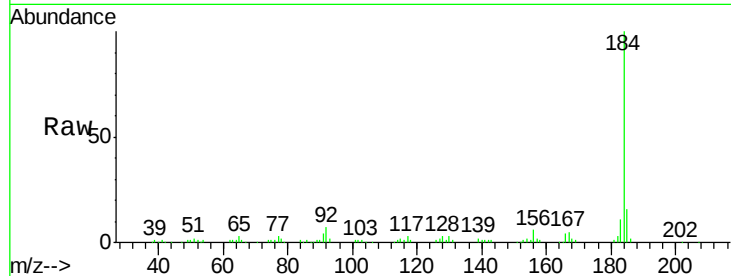
Tot Ion:184 Resp: 146028

Ion Ratio Lower Upper

184 100

185 15.6 13.0 19.6

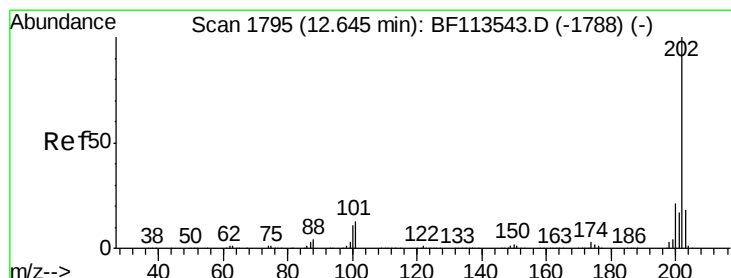
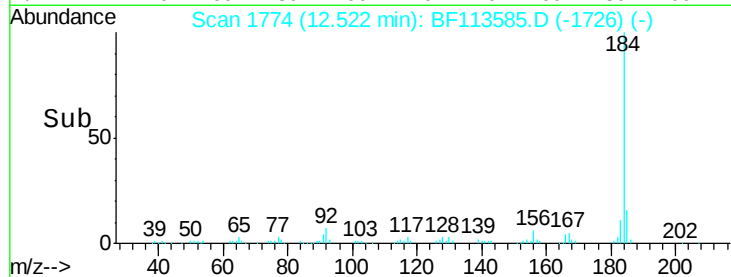
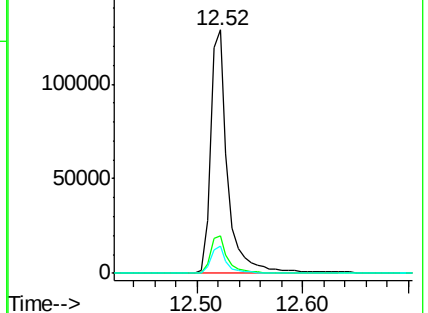
183 11.1 9.0 13.4



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: 8.142 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

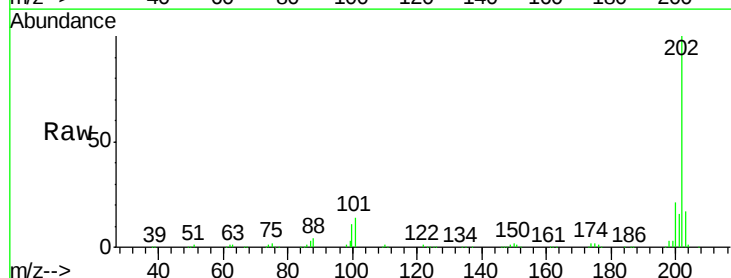
Tgt Ion:202 Resp: 323747

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

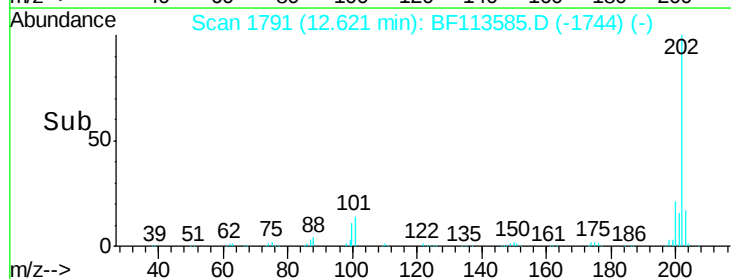
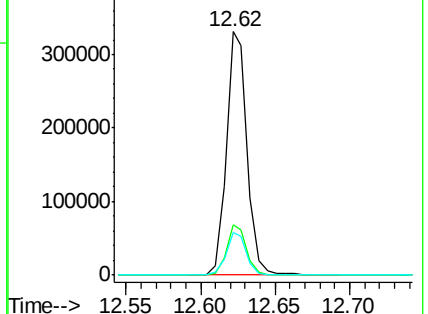
203 17.3 14.4 21.6

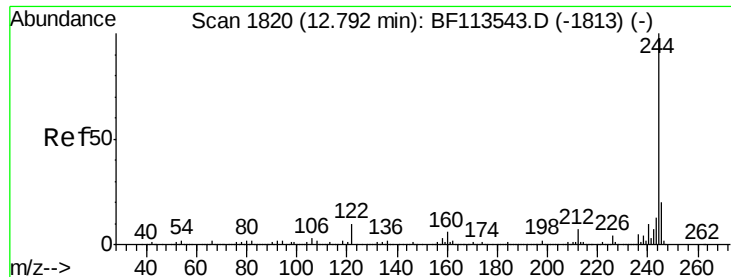


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.043 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

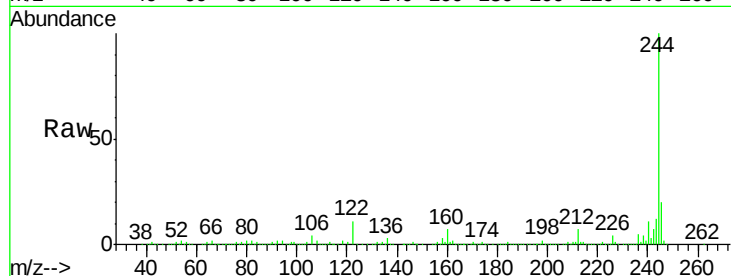
Tot Ion:244 Resp: 1900463

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

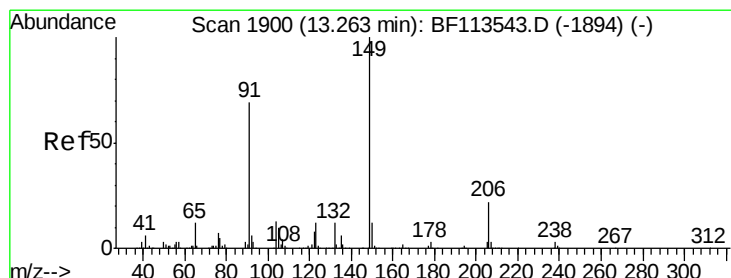
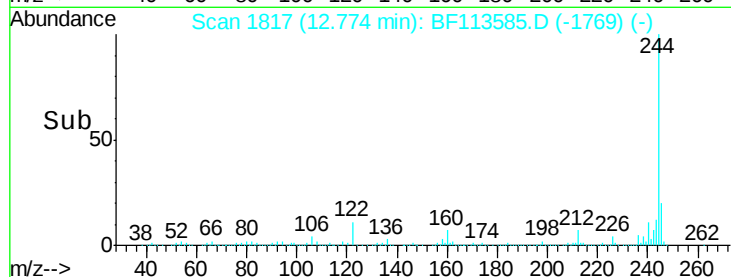
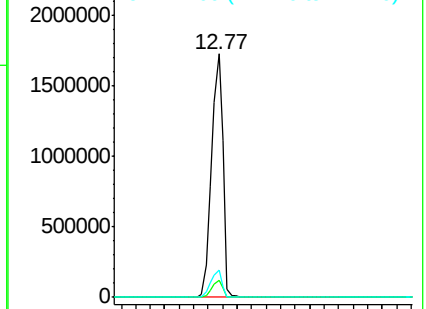
122 11.4 8.6 13.0



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: 7.587 ng

RT: 13.24 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

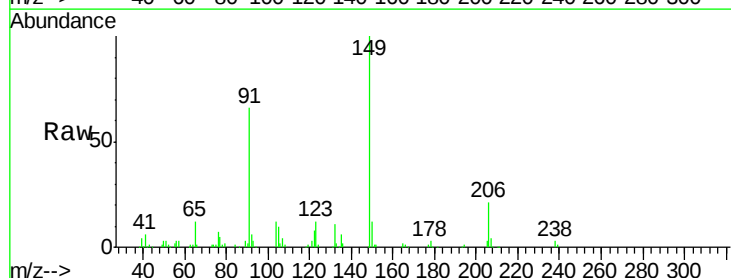
Tgt Ion:149 Resp: 122801

Ion Ratio Lower Upper

149 100

91 66.0 55.2 82.8

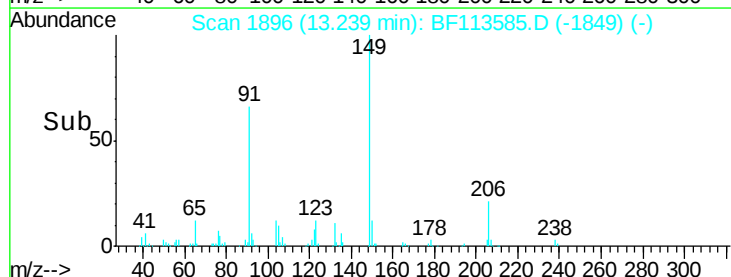
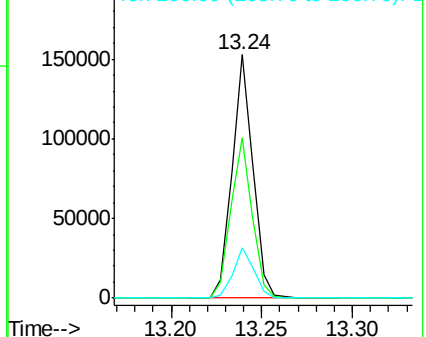
206 20.8 16.1 24.1

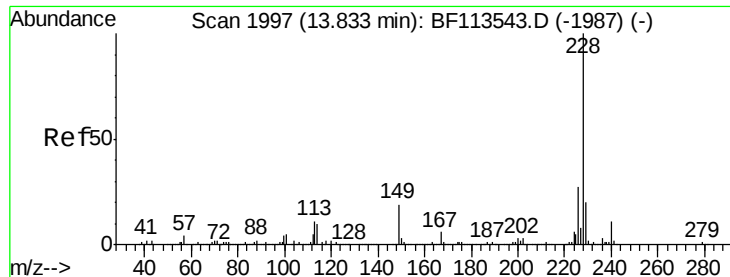


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

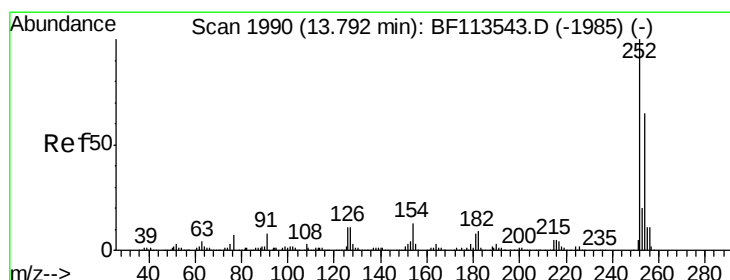
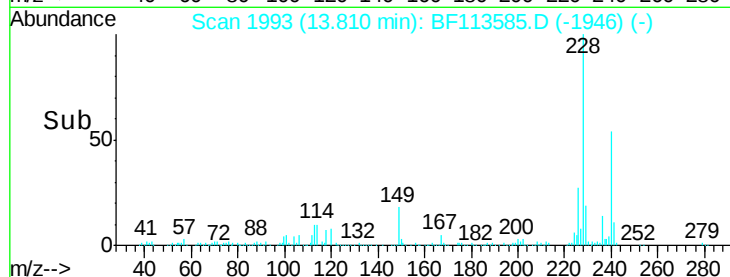
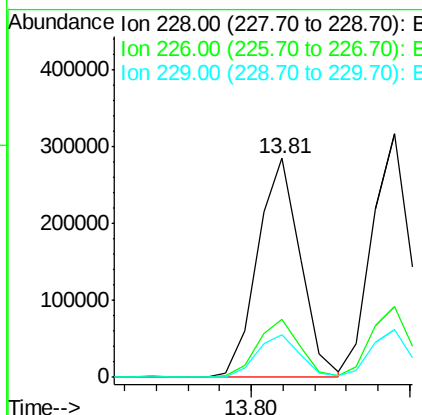
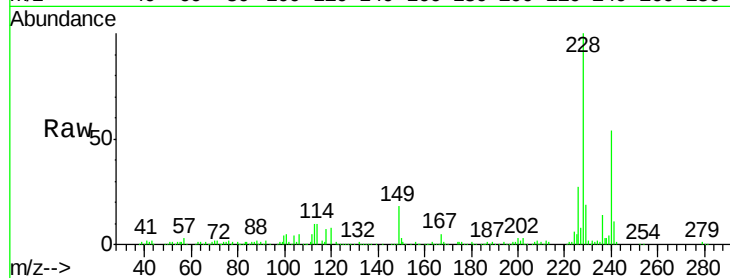




#81
Benzo(a)anthracene
Concen: 8.840 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

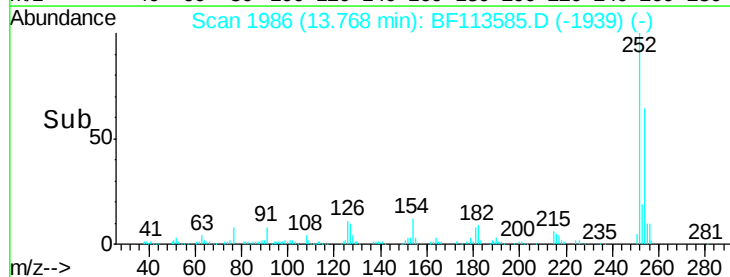
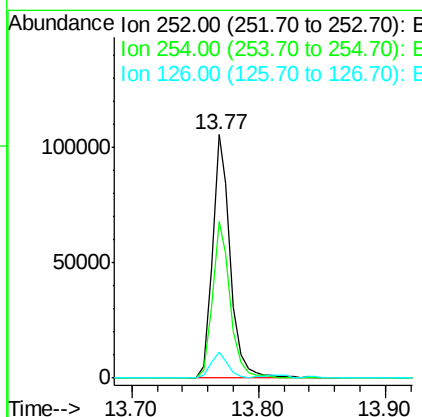
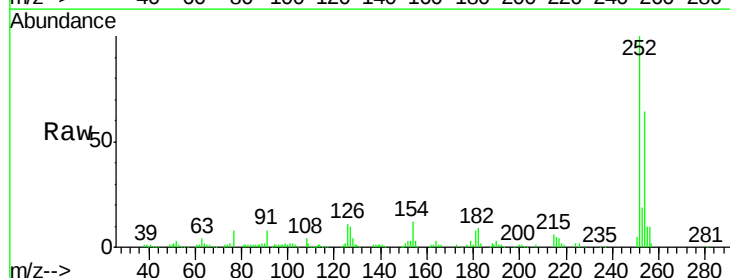
Instrument :
BNA_F
ClientSampleId :

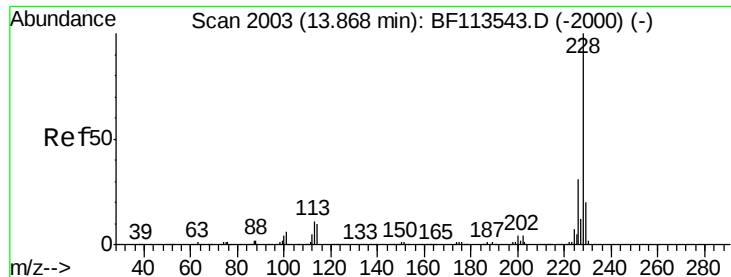
Tot Ion:228 Resp: 266480
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.8
229 19.4 16.2 24.4



#82
3,3'-Dichlorobenzidine
Concen: 9.014 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:252 Resp: 104667
Ion Ratio Lower Upper
252 100
254 64.3 52.2 78.2
126 10.8 8.5 12.7





#83

Chrysene

Concen: 8.881 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

Instrument :

BNA_F

ClientSampleId :

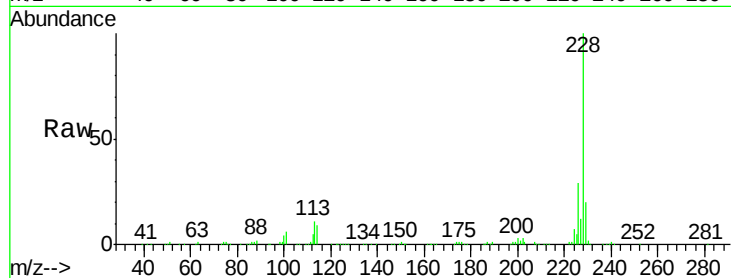
Tot Ion:228 Resp: 271384

Ion Ratio Lower Upper

228 100

226 29.3 24.3 36.5

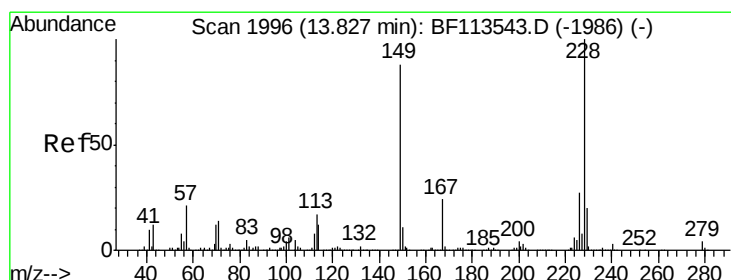
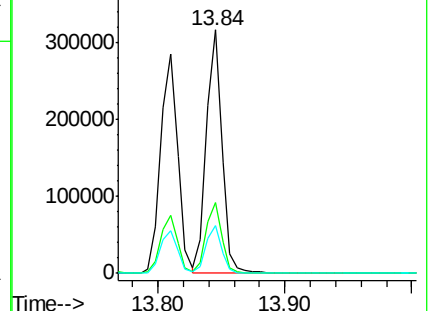
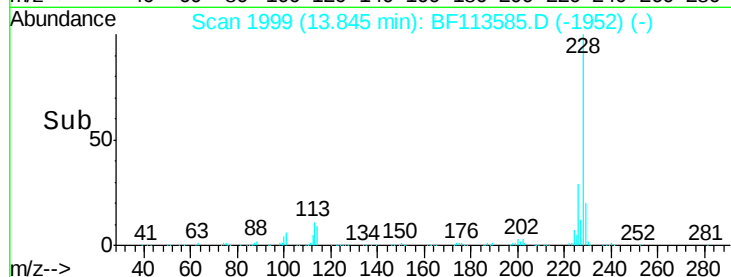
229 19.9 16.3 24.5



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: 8.294 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113585.D

Acq: 4 Apr 2019 16:05

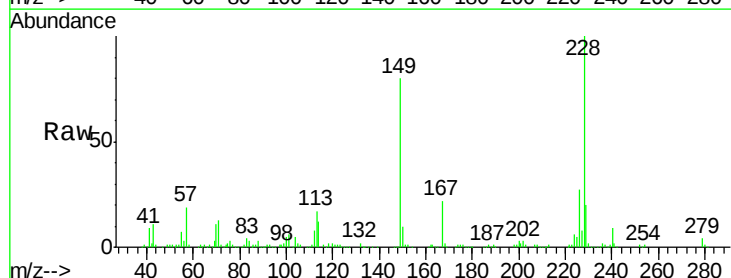
Tgt Ion:149 Resp: 162316

Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

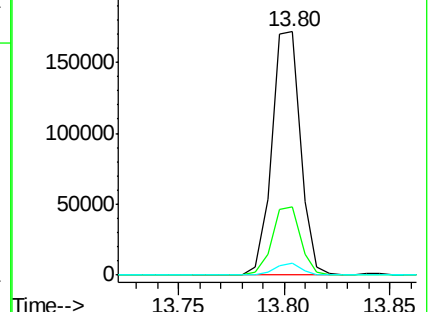
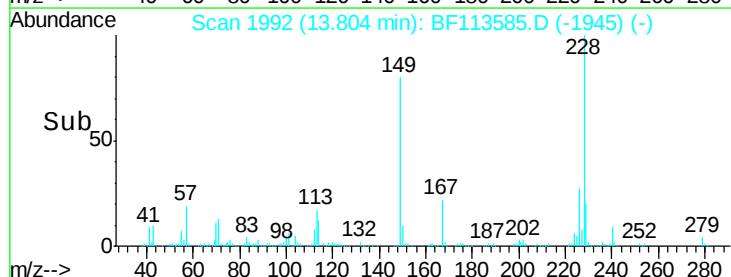
279 4.8 2.9 4.3#

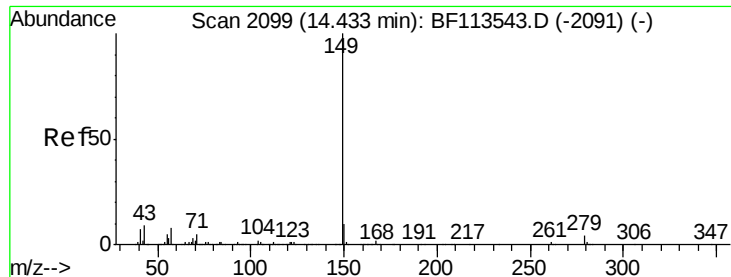


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

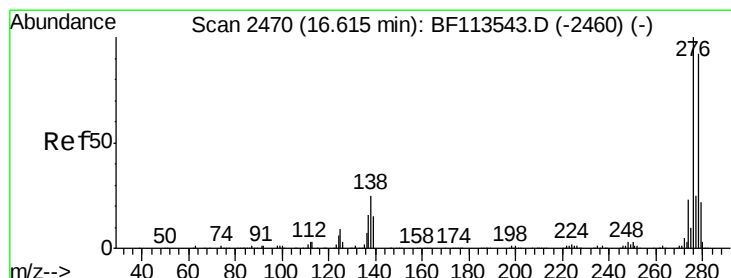
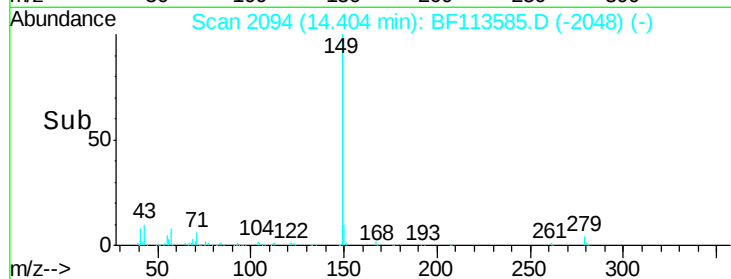
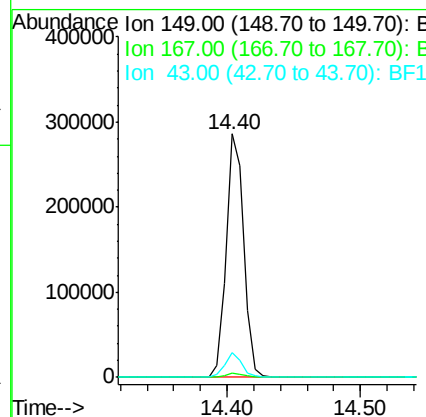
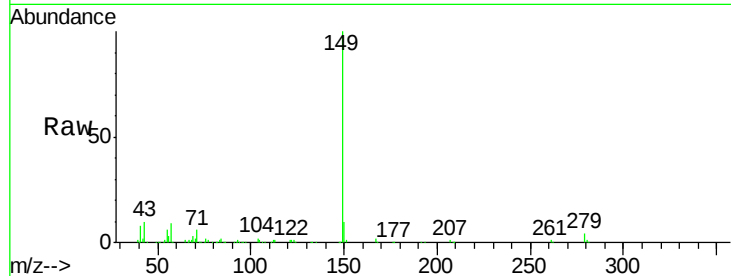




#85
Di-n-octyl phthalate
Concen: 8.372 ng
RT: 14.40 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

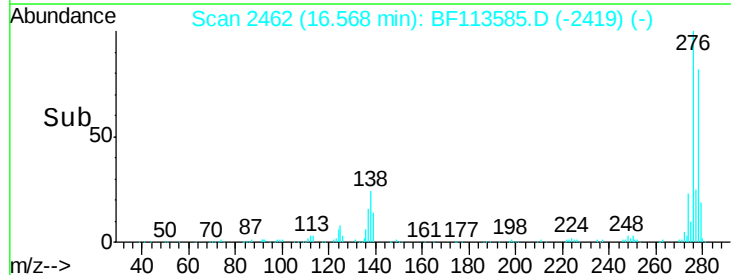
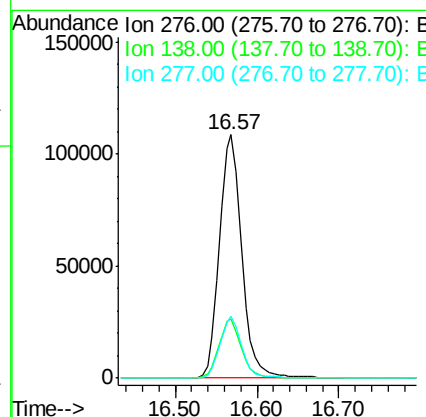
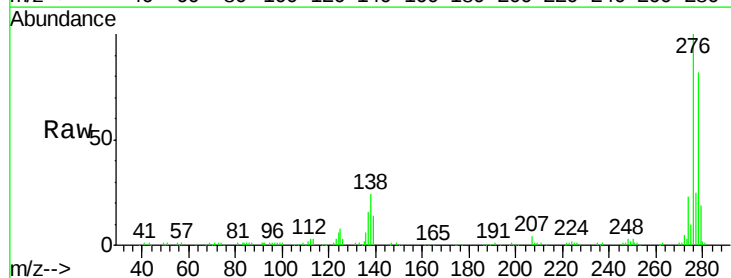
Instrument :
BNA_F
ClientSampleId :

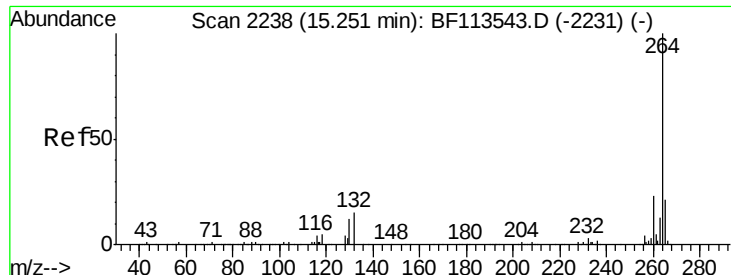
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.7	11.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 7.356 ng
RT: 16.57 min Scan# 2462
Delta R.T. -0.05 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.1	27.1
277	24.6	20.2	30.4

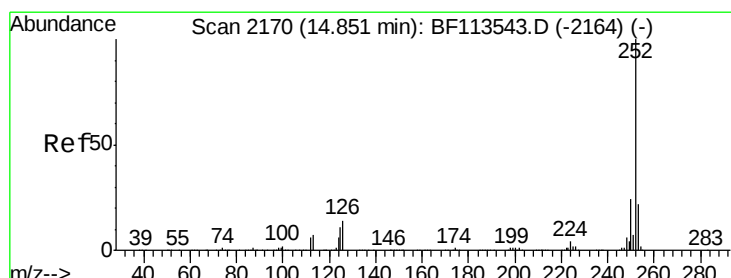
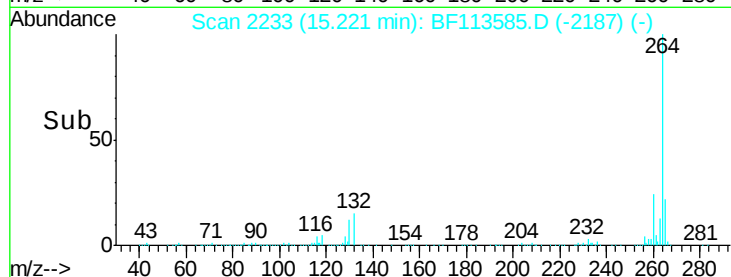
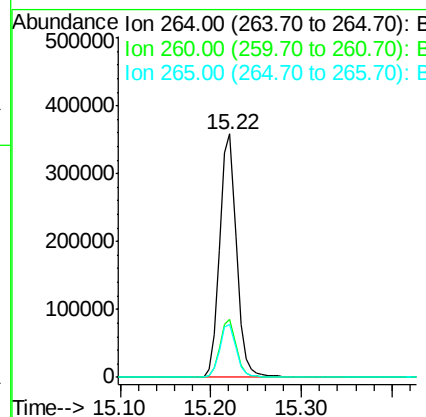
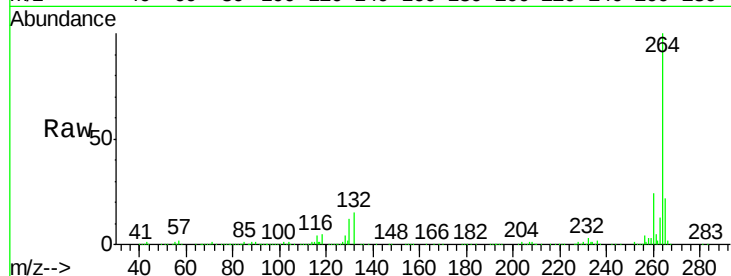




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.03 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

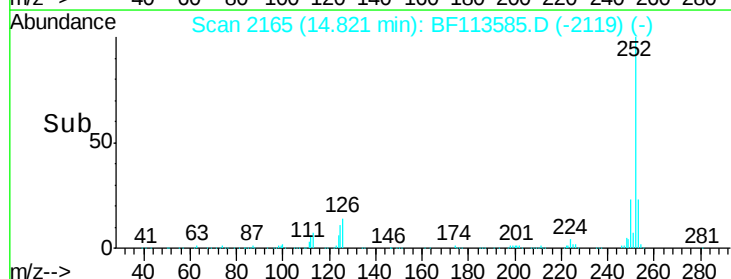
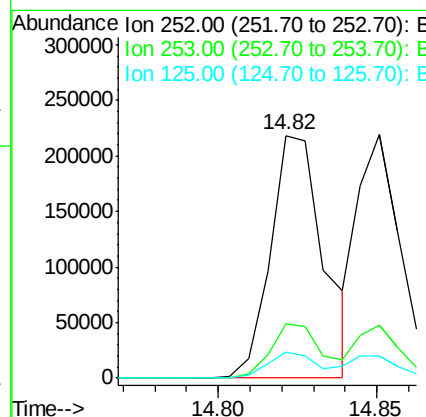
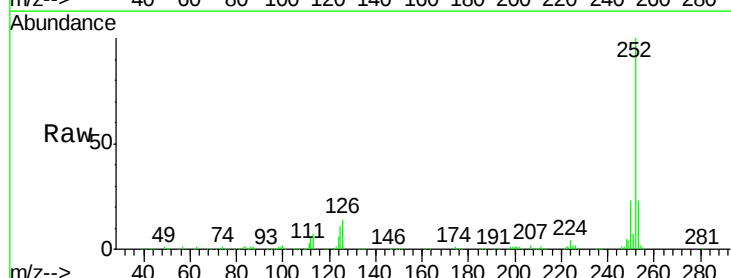
Instrument :
BNA_F
ClientSampleId :

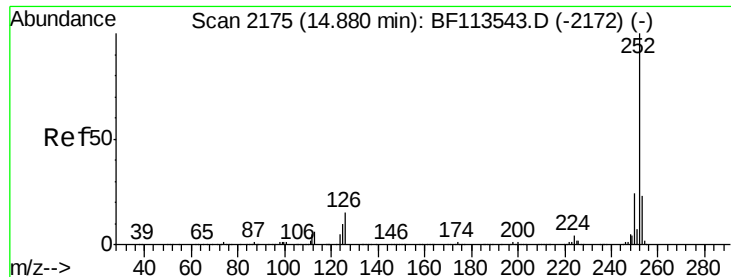
Tot Ion:264 Resp: 459848
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.5 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 9.069 ng
RT: 14.82 min Scan# 2165
Delta R.T. -0.03 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:252 Resp: 255280
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.8 7.6 11.4

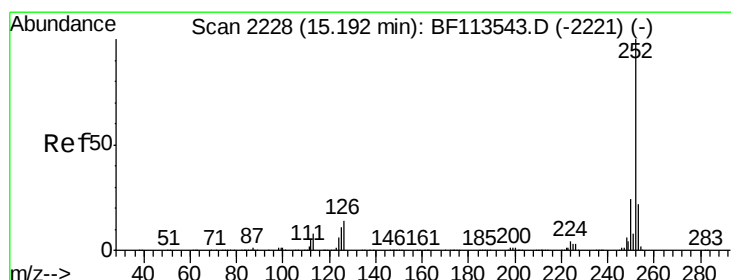
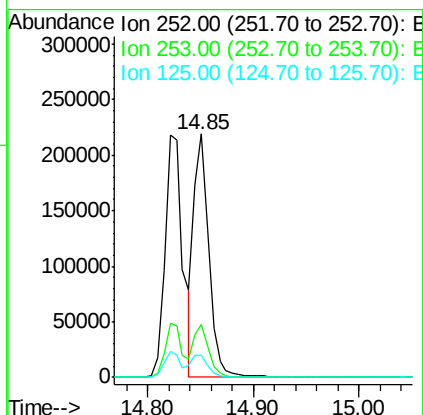
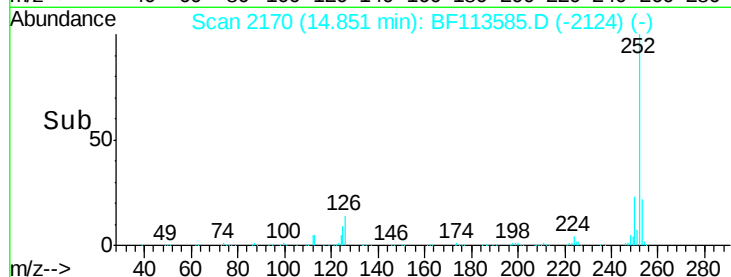
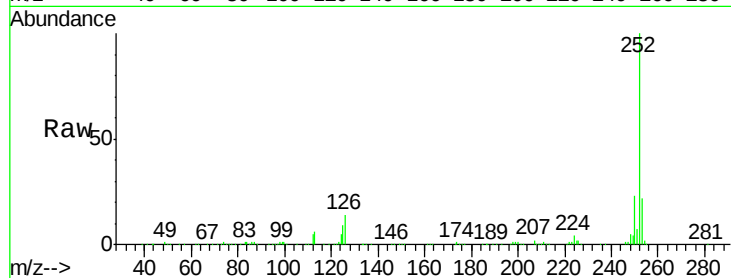




#89
Benzo(k)fluoranthene
Concen: 8.486 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

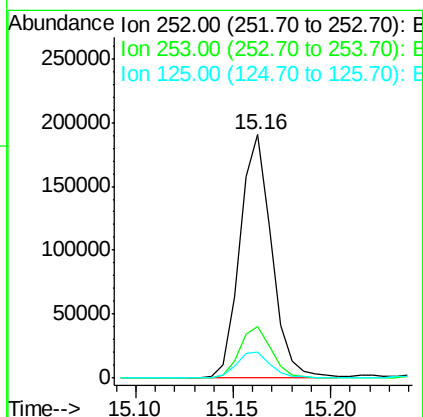
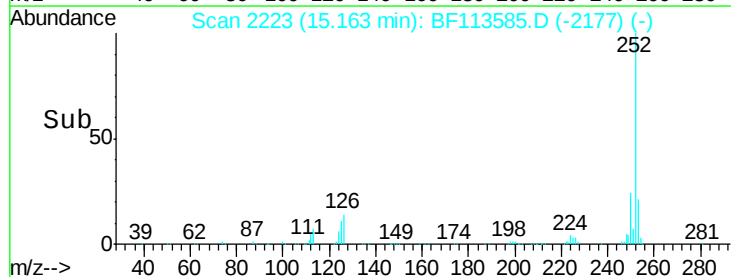
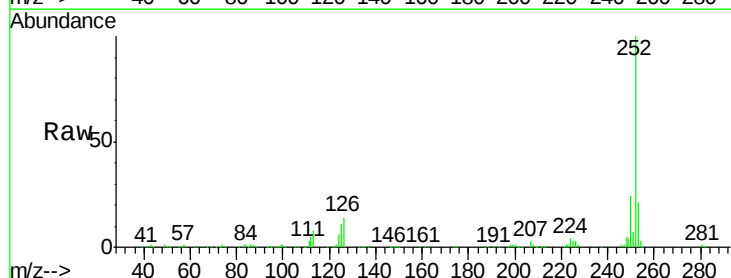
Instrument :
BNA_F
ClientSampleId :

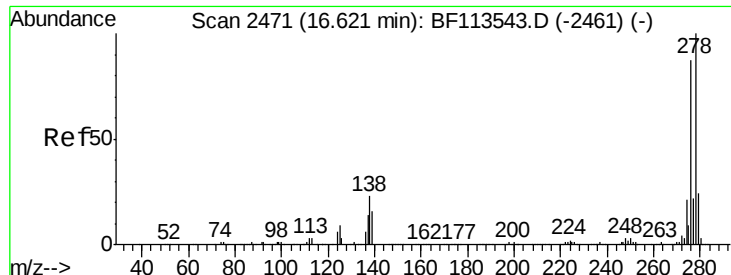
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.3	7.3	10.9



#90
Benzo(a)pyrene
Concen: 8.597 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.03 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	10.9	8.8	13.2

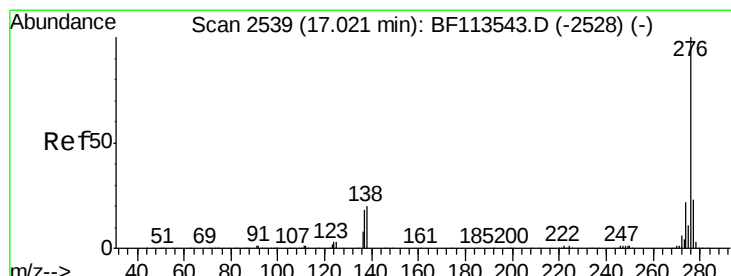
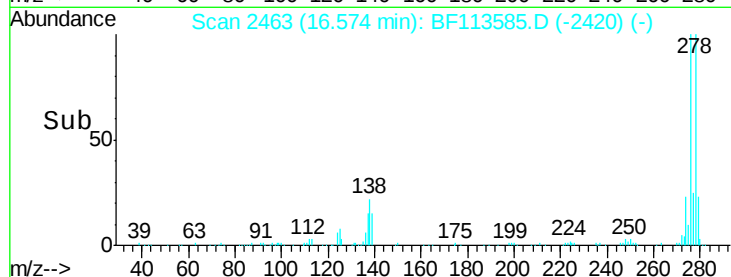
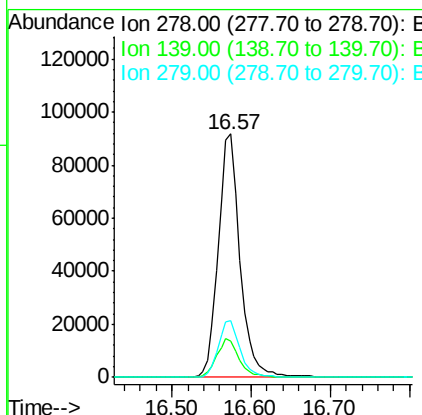
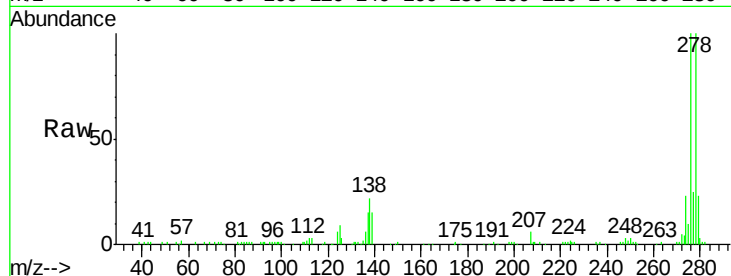




#91
Dibenzo(a,h)anthracene
Concen: 7.463 ng
RT: 16.57 min Scan# 2463
Delta R.T. -0.05 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 174555
Ion Ratio Lower Upper
278 100
139 15.2 12.0 18.0
279 23.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 6.780 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.05 min
Lab File: BF113585.D
Acq: 4 Apr 2019 16:05

Tgt Ion:276 Resp: 161880
Ion Ratio Lower Upper
276 100
277 23.0 18.8 28.2
138 21.2 15.6 23.4

