

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112151.D
 Acq On : 21 Jan 2019 11:40
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 12:47:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	339447	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1304067	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	645426	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1225360	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	909308	20.00	ng	0.00
87) Perylene-d12	15.49	264	722722	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1481267	79.20	ng	0.00
7) Phenol-d6	6.50	99	1843099	78.77	ng	0.00
23) Nitrobenzene-d5	7.42	82	1671408	88.55	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	590153	84.76	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3311169	75.21	ng	0.00
79) Terphenyl-d14	12.96	244	3447807	80.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	320747	36.568	ng	97
3) Pyridine	3.39	79	861266	39.205	ng	99
4) n-Nitrosodimethylamine	3.35	42	334867	37.543	ng	99
6) Aniline	6.52	93	1129921	39.703	ng	# 65
8) 2-Chlorophenol	6.65	128	872888	40.187	ng	97
9) Benzaldehyde	6.40	77	483796	37.636	ng	99
10) Phenol	6.52	94	1006898	39.374	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	813015	39.985	ng	99
12) 1,3-Dichlorobenzene	6.80	146	987071	39.821	ng	98
13) 1,4-Dichlorobenzene	6.87	146	1002982	39.557	ng	98
14) 1,2-Dichlorobenzene	7.03	146	925887	39.643	ng	98
15) Benzyl Alcohol	7.00	79	735909	42.213	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1069494	36.474	ng	90
17) 2-Methylphenol	7.12	107	677745	41.549	ng	95
18) Hexachloroethane	7.36	117	354192	41.854	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	600702	42.140	ng	99
20) 3+4-Methylphenols	7.27	107	823987	41.662	ng	91
22) Acetophenone	7.26	105	1201187	39.759	ng	98
24) Nitrobenzene	7.44	77	864169	43.199	ng	96
25) Isophorone	7.67	82	1457919	39.989	ng	99
26) 2-Nitrophenol	7.75	139	429525	42.538	ng	92
27) 2,4-Dimethylphenol	7.79	122	675222	39.899	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	1015178	40.593	ng	98
29) 2,4-Dichlorophenol	8.00	162	760251	41.124	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	867863	40.452	ng	98
31) Naphthalene	8.16	128	2363113	39.841	ng	99
32) Benzoic acid	7.93	122	284830	39.759	ng	99
33) 4-Chloroaniline	8.20	127	1072706	40.242	ng	98
34) Hexachlorobutadiene	8.27	225	487812	40.858	ng	98
35) Caprolactam	8.59	113	259267	40.070	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	757707	41.964	ng	99
37) 2-Methylnaphthalene	8.85	142	1620263	40.228	ng	97
38) 1-Methylnaphthalene	8.95	142	1543572	39.878	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	839897	40.525	ng	99

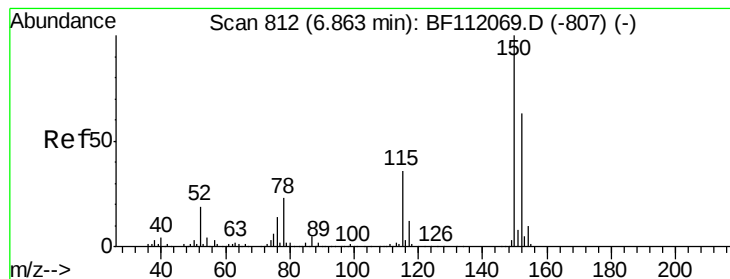
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112151.D
 Acq On : 21 Jan 2019 11:40
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 12:47:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	254686	35.593	ng	96
43) 2,4,6-Trichlorophenol	9.13	196	537225	43.330	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	565973	42.860	ng	98
46) 1,1'-Biphenyl	9.32	154	2152393	39.882	ng	98
47) 2-Chloronaphthalene	9.34	162	1699004	40.218	ng	97
48) 2-Nitroaniline	9.43	65	433103	45.516	ng	93
49) Acenaphthylene	9.76	152	2442480	39.620	ng	100
50) Dimethylphthalate	9.62	163	1939595	41.207	ng	100
51) 2,6-Dinitrotoluene	9.67	165	414723	44.119	ng #	83
52) Acenaphthene	9.93	154	1481247	39.271	ng	99
53) 3-Nitroaniline	9.85	138	451060	42.910	ng	92
54) 2,4-Dinitrophenol	9.96	184	97972	45.140	ng	98
55) Dibenzofuran	10.10	168	2227103	39.044	ng	95
56) 4-Nitrophenol	10.02	139	268592	38.879	ng	98
57) 2,4-Dinitrotoluene	10.09	165	507913	42.656	ng	93
58) Fluorene	10.44	166	1668259	39.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	431679	43.321	ng	97
60) Diethylphthalate	10.31	149	1865964	40.612	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	905080	39.356	ng	92
62) 4-Nitroaniline	10.46	138	446286	42.757	ng	99
63) Azobenzene	10.59	77	1700426	38.646	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	209527	42.467	ng	95
66) n-Nitrosodiphenylamine	10.55	169	1602145	39.550	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	578741	40.662	ng	94
68) Hexachlorobenzene	11.00	284	610335	39.808	ng	96
69) Atrazine	11.07	200	532880	40.765	ng	97
70) Pentachlorophenol	11.19	266	276061	40.696	ng	99
71) Phenanthrene	11.40	178	2388246	38.728	ng	99
72) Anthracene	11.46	178	2404623	38.493	ng	98
73) Carbazole	11.61	167	2350840	37.566	ng	97
74) Di-n-butylphthalate	11.93	149	2815304	39.995	ng	99
75) Fluoranthene	12.59	202	2428211	37.294	ng	99
77) Benzidine	12.70	184	880690	29.028	ng	99
78) Pyrene	12.82	202	2483664	41.400	ng	98
80) Butylbenzylphthalate	13.43	149	1209941	45.972	ng	92
81) Benzo(a)anthracene	14.01	228	2091182	40.109	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	810898	41.531	ng	99
83) Chrysene	14.05	228	1954636	39.621	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1715812	45.489	ng	100
85) Di-n-octyl phthalate	14.60	149	2580889	44.409	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1514957	33.285	ng	98
88) Benzo(b)fluoranthene	15.06	252	1733708	42.260	ng	99
89) Benzo(k)fluoranthene	15.09	252	1682688	42.378	ng	99
90) Benzo(a)pyrene	15.43	252	1549875	41.195	ng	98
91) Dibenzo(a,h)anthracene	16.98	278	1272567	38.083	ng	99
92) Benzo(g,h,i)perylene	17.42	276	1221593	37.108	ng	100

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

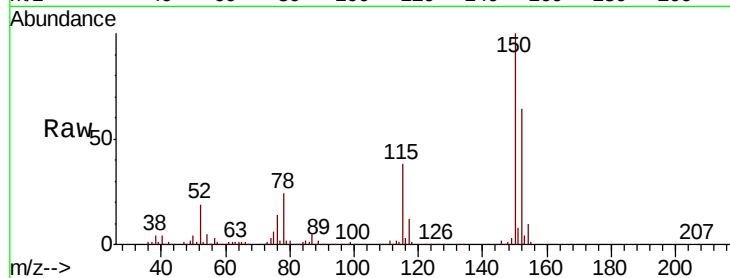


#1

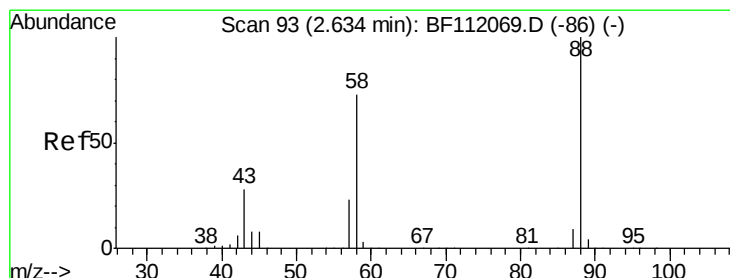
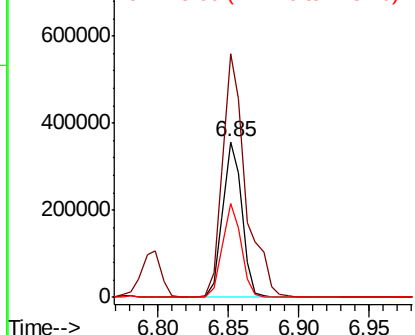
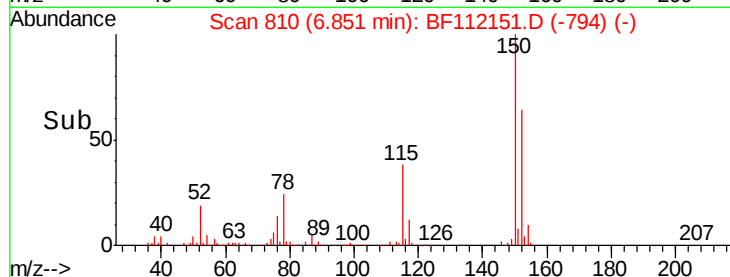
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 339447
Ion Ratio Lower Upper
152 100
150 156.6 127.4 191.0
115 60.0 45.5 68.3



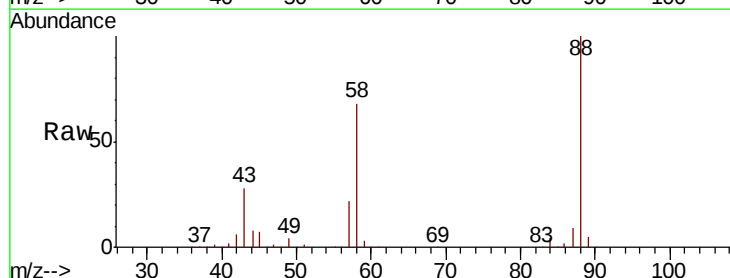
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



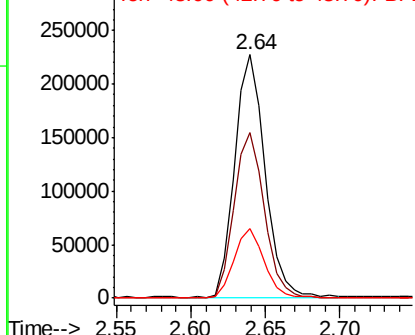
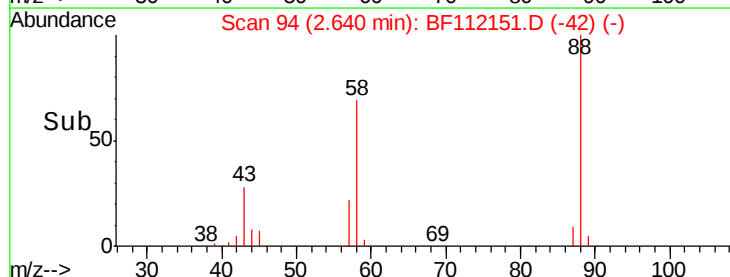
#2

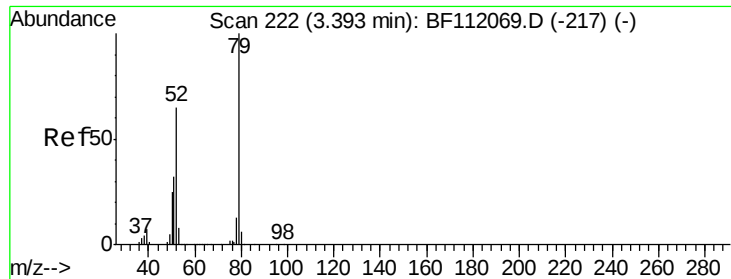
1,4-Dioxane
Concen: 36.568 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion: 88 Resp: 320747
Ion Ratio Lower Upper
88 100
58 68.8 57.4 86.2
43 28.9 22.2 33.4



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

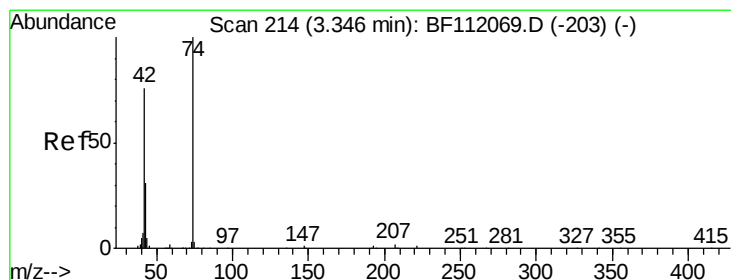
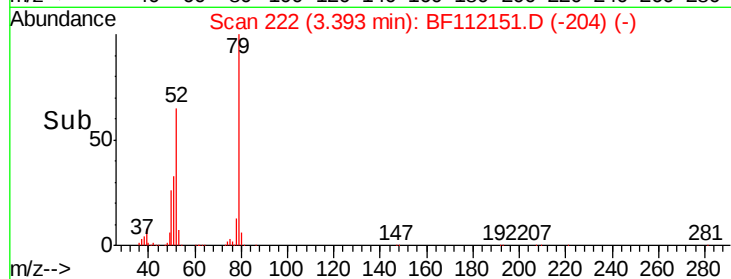
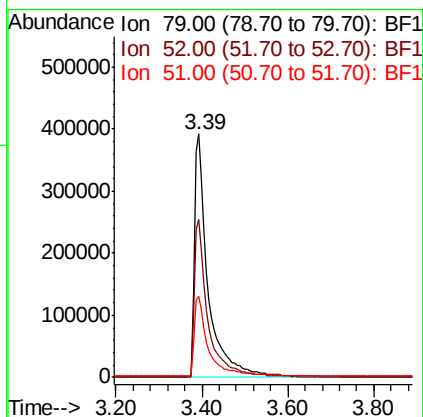
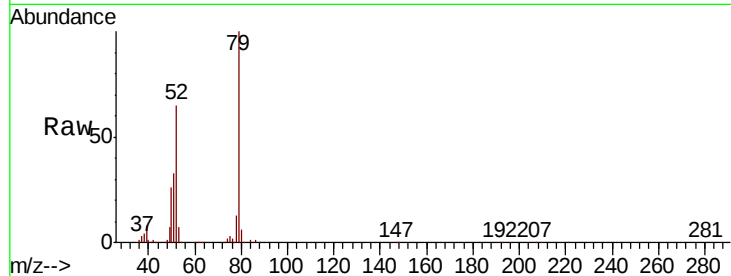




#3
 Pvrindine
 Concen: 39.205 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

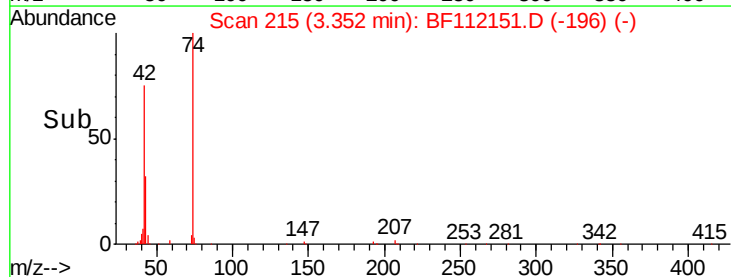
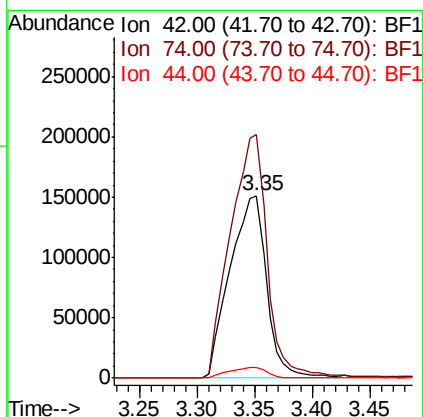
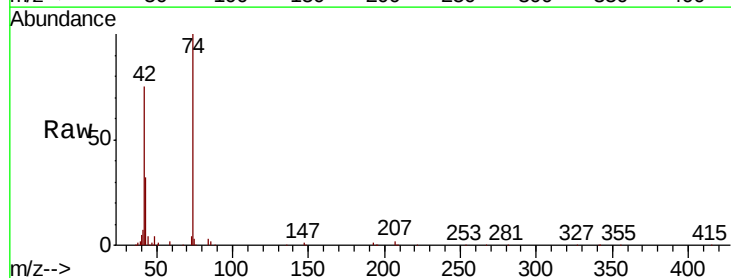
Instrument :
 BNA_F
 ClientSampled :

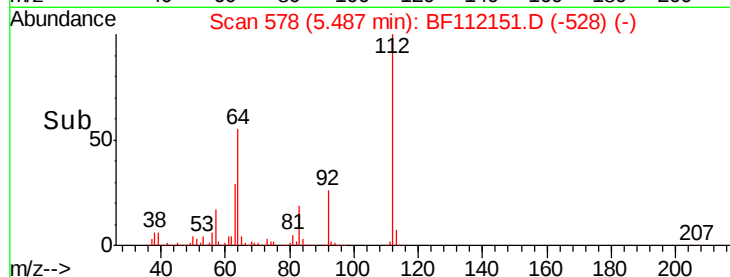
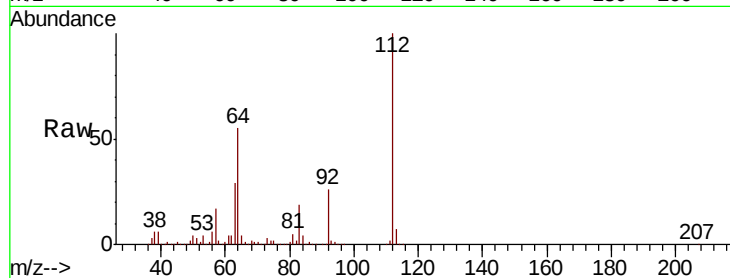
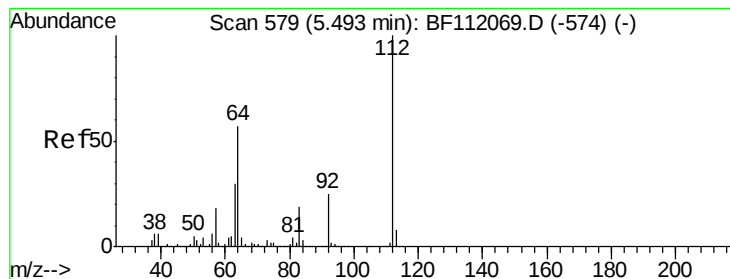
Tot Ion: 79 Resp: 861266
 Ion Ratio Lower Upper
 79 100
 52 64.6 52.4 78.6
 51 33.5 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 37.543 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

Tgt Ion: 42 Resp: 334867
 Ion Ratio Lower Upper
 42 100
 74 133.5 105.6 158.4
 44 5.8 5.4 8.2





#5

2-Fluorophenol

Concen: 79.204 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

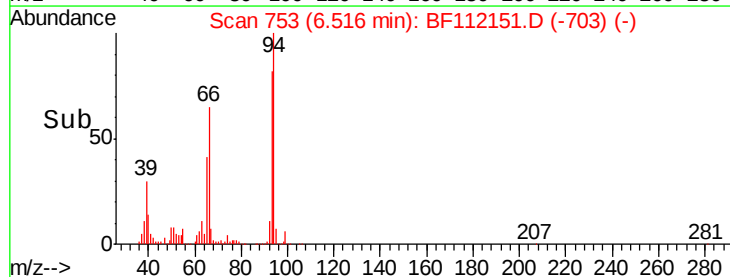
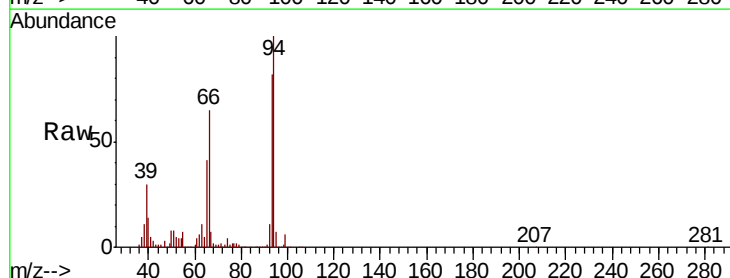
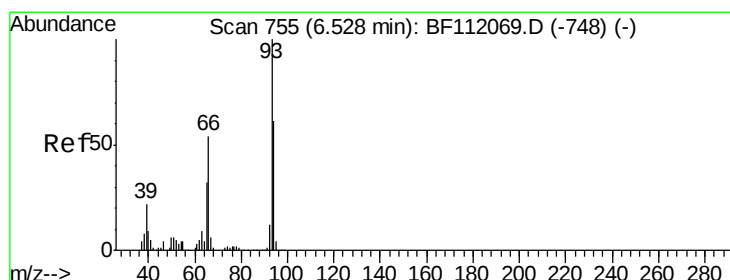
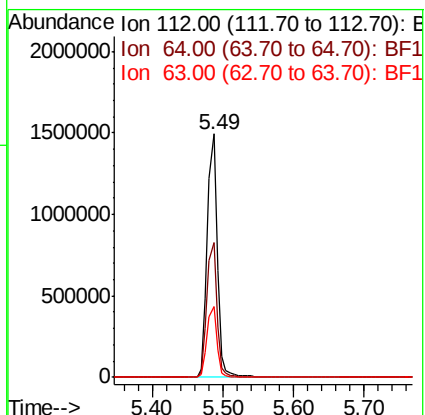
Tot Ion:112 Resp: 1481267

Ion Ratio Lower Upper

112 100

64 55.1 45.7 68.5

63 29.2 23.6 35.4



#6

Aniline

Concen: 39.703 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

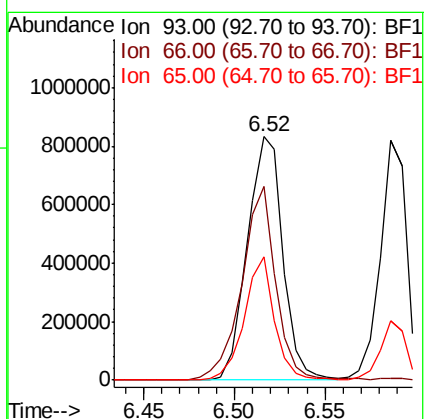
Tgt Ion: 93 Resp: 1129921

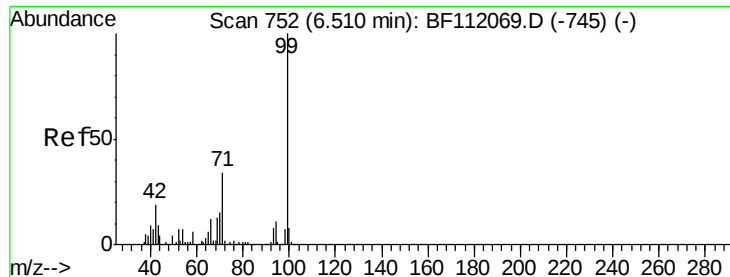
Ion Ratio Lower Upper

93 100

66 79.4 43.4 65.2#

65 50.4 25.3 37.9#





#7

Phenol-d6

Concen: 78.768 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

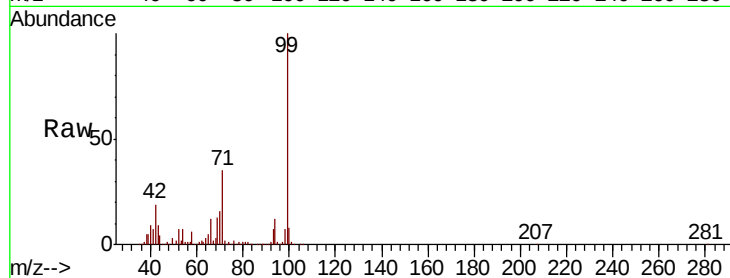
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1843099

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	34.8	26.9	40.3

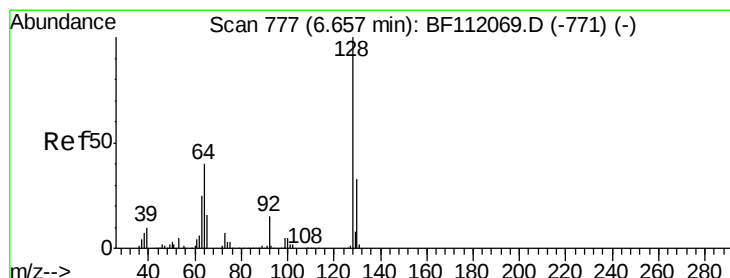
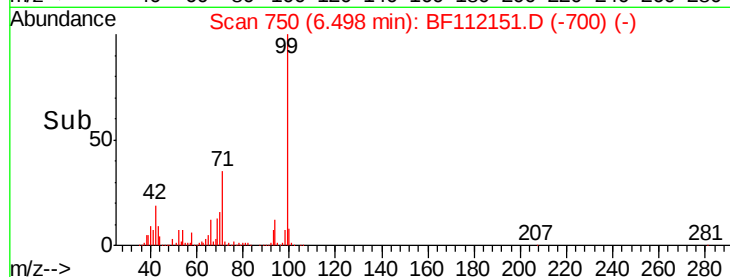
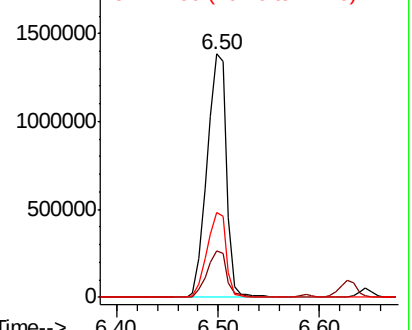


Abundance

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: 40.187 ng

RT: 6.65 min Scan# 775

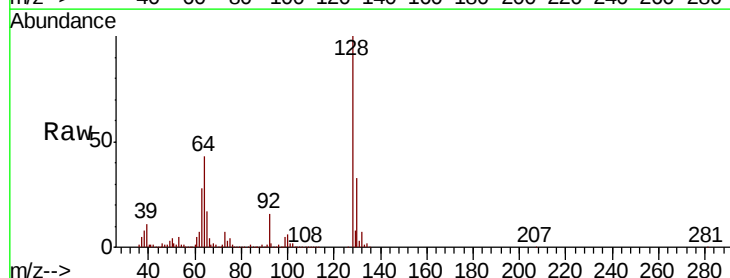
Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Tgt Ion: 128 Resp: 872888

Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.4	53.4
64	43.2	20.5	60.5

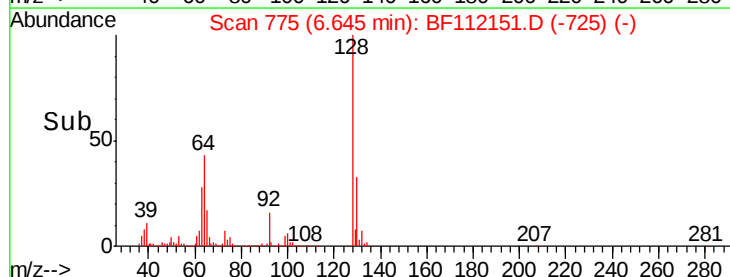
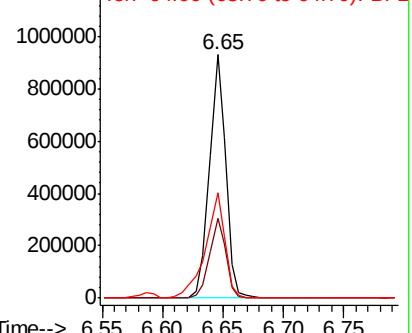


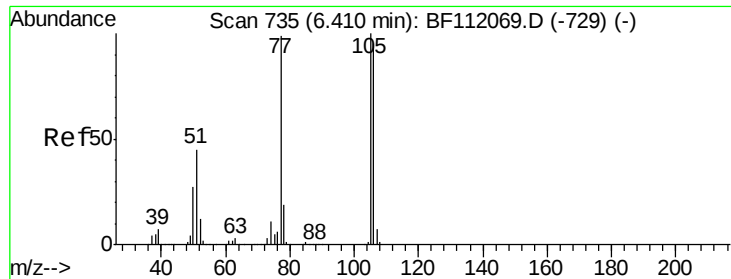
Abundance

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: 37.636 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

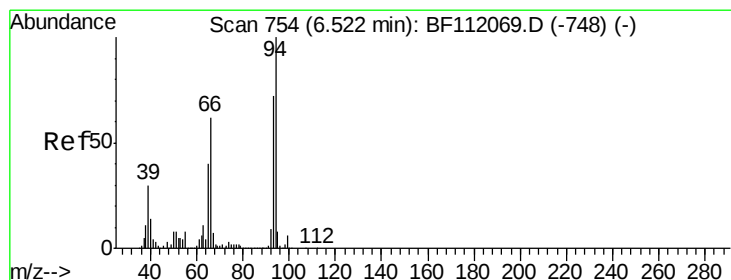
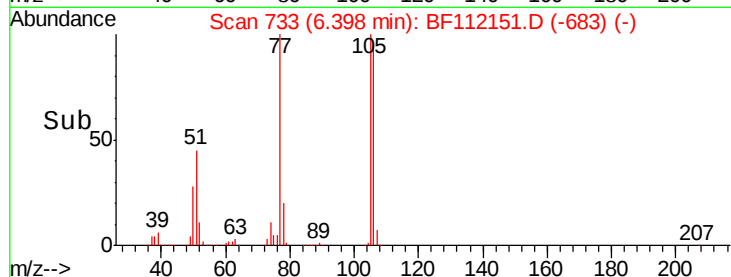
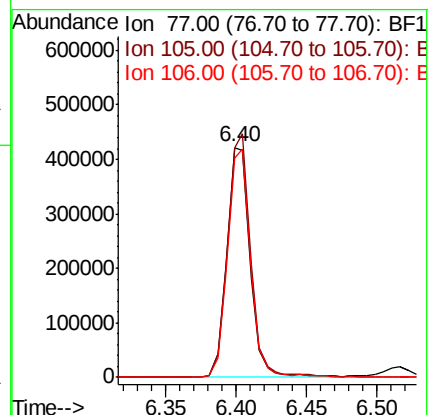
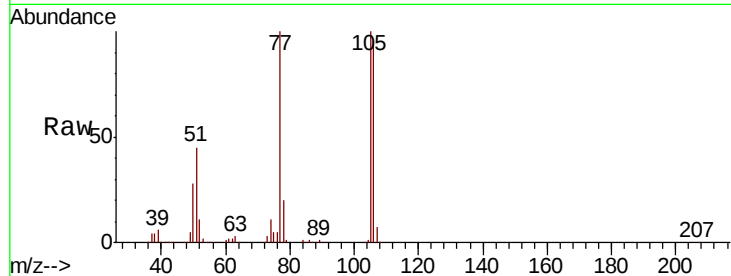
Tot Ion: 77 Resp: 483796

Ion Ratio Lower Upper

77 100

105 99.9 80.8 120.8

106 95.3 75.7 115.7



#10

Phenol

Concen: 39.374 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

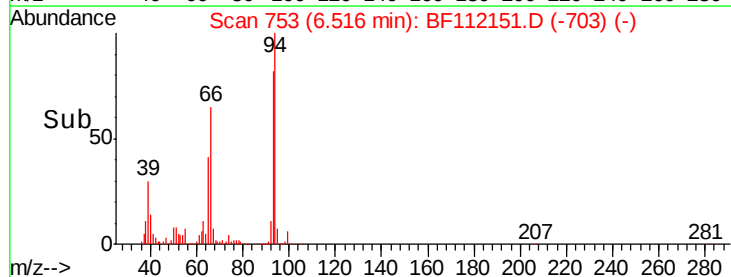
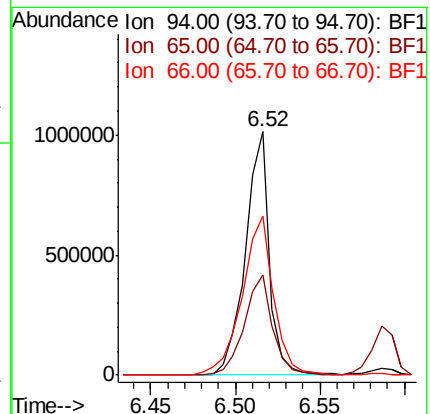
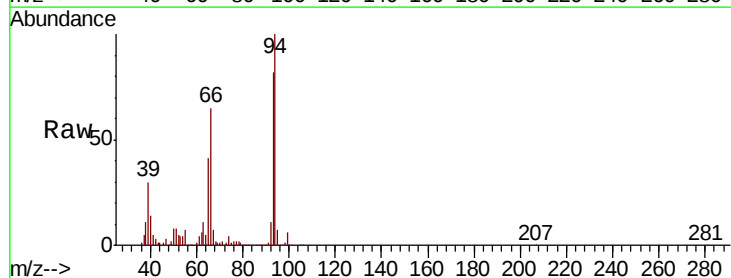
Tgt Ion: 94 Resp: 1006898

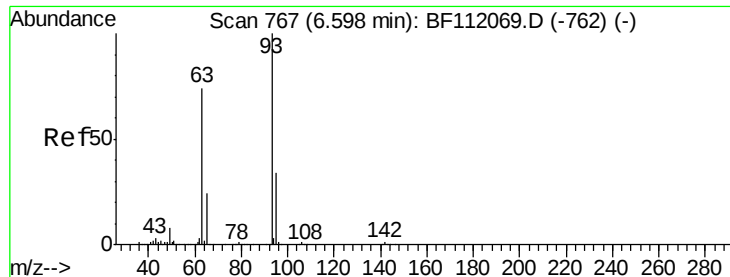
Ion Ratio Lower Upper

94 100

65 41.4 20.3 60.3

66 65.2 42.4 82.4

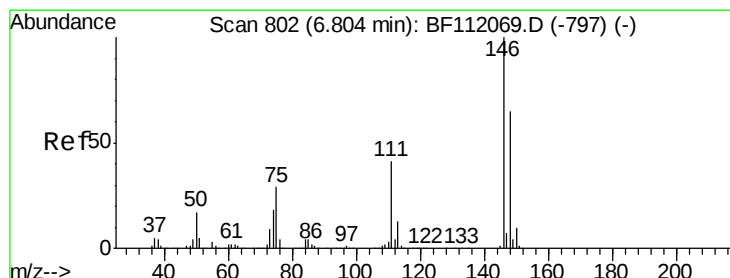
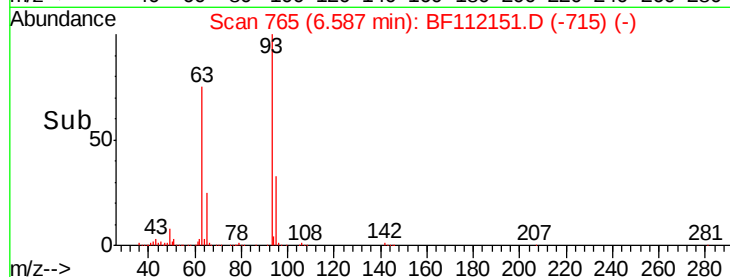
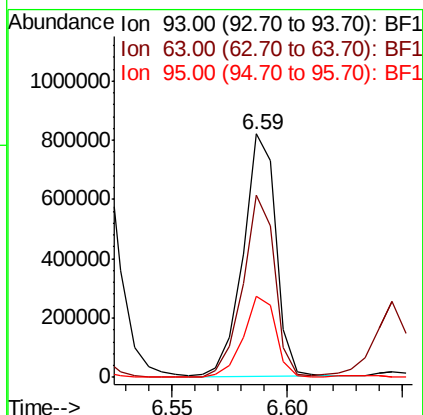
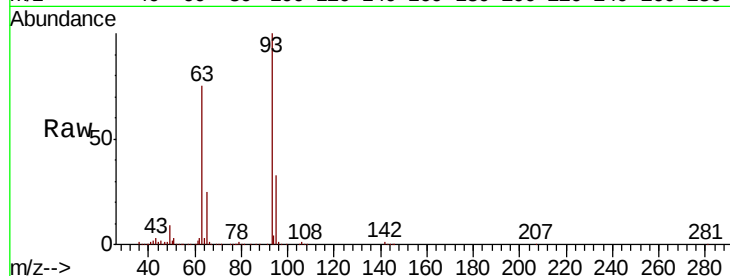




#11
bis(2-Chloroethyl)ether
Concen: 39.985 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

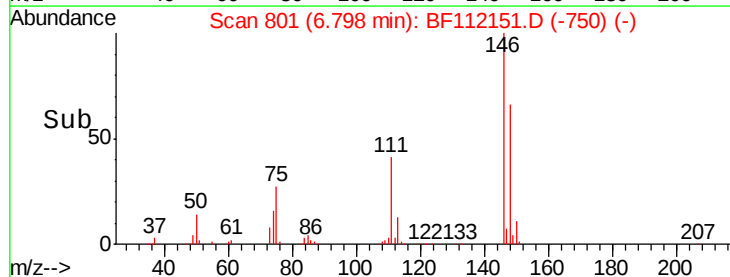
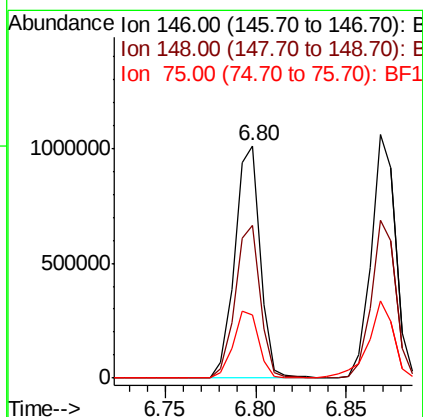
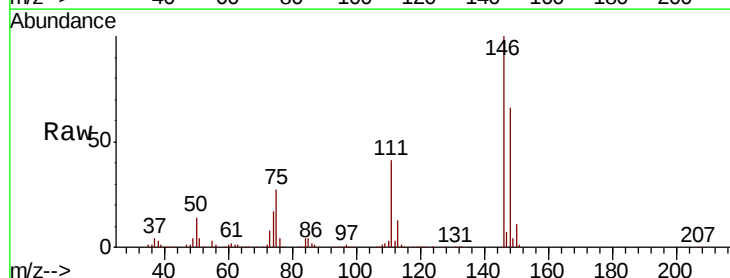
Instrument :
BNA_F
ClientSampleId :

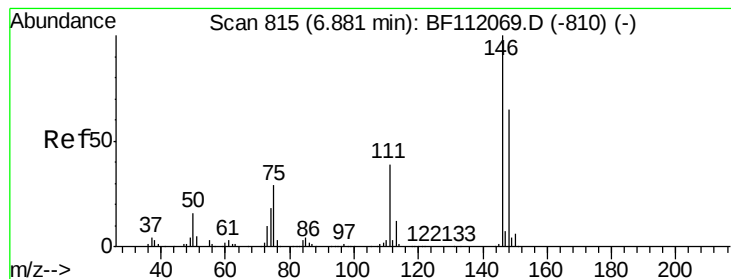
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.1	53.3	93.3
95	33.4	13.4	53.4



#12
1,3-Dichlorobenzene
Concen: 39.821 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.8
75	27.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.557 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampled :

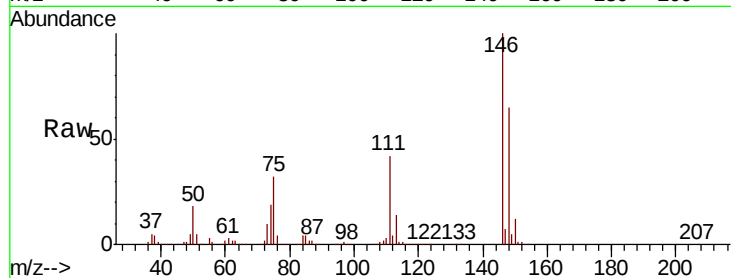
Tot Ion:146 Resp: 1002982

Ion Ratio Lower Upper

146 100

148 64.9 52.0 78.0

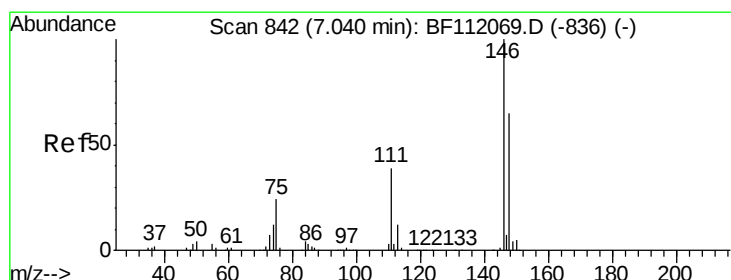
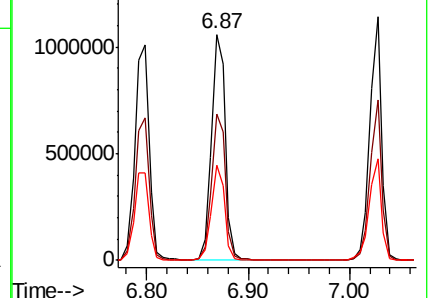
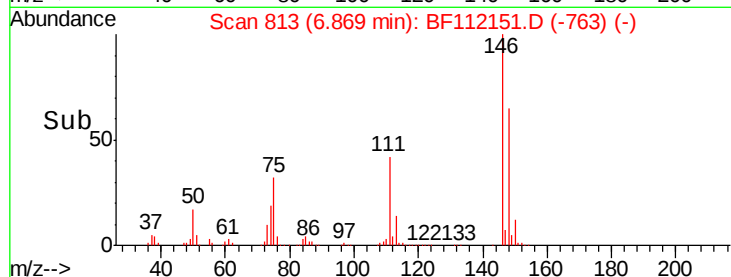
111 42.0 31.2 46.8



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: 39.643 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

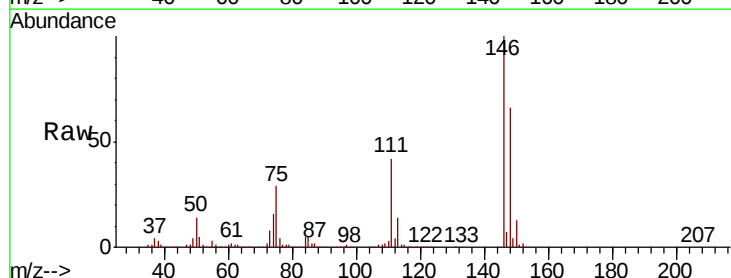
Tgt Ion:146 Resp: 925887

Ion Ratio Lower Upper

146 100

148 65.9 52.2 78.4

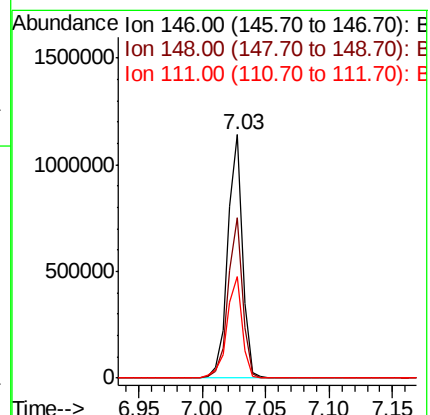
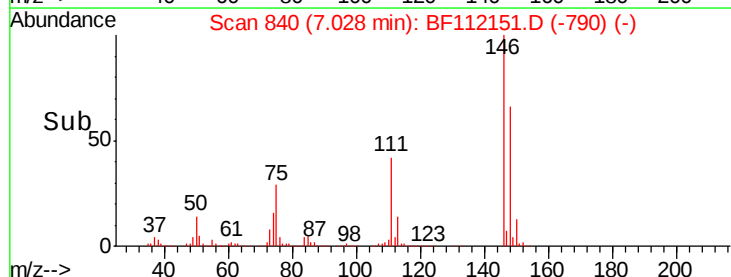
111 41.8 31.2 46.8

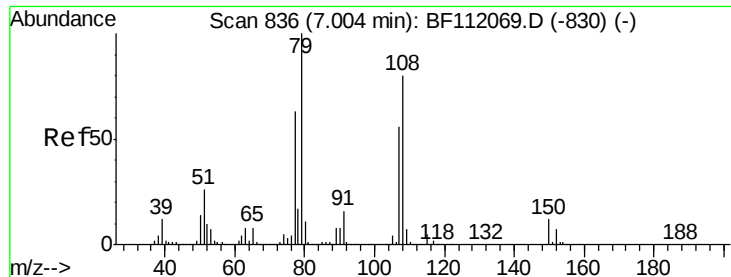


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.213 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampled :

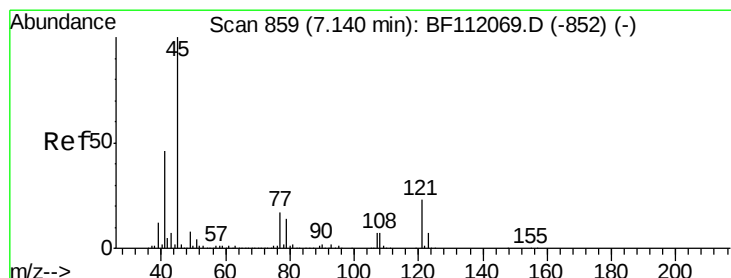
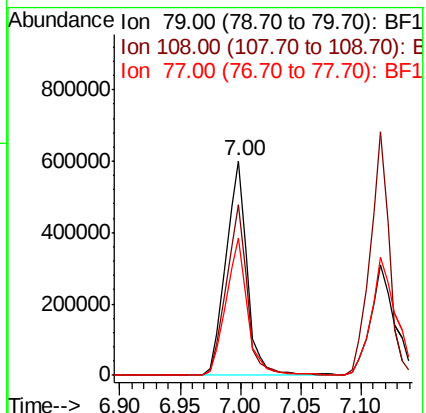
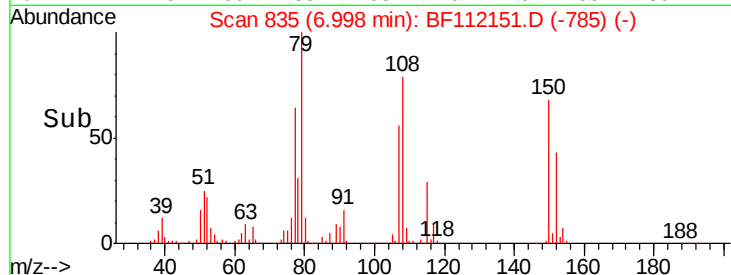
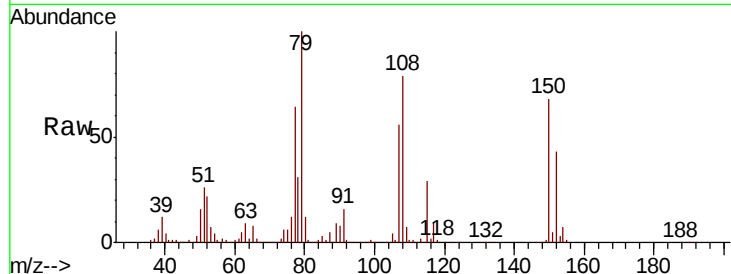
Tot Ion: 79 Resp: 735909

Ion Ratio Lower Upper

79 100

108 79.5 64.2 96.2

77 64.2 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.474 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

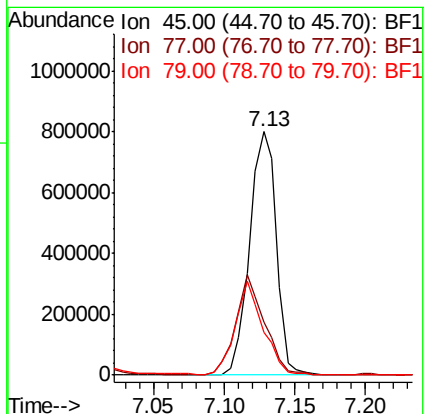
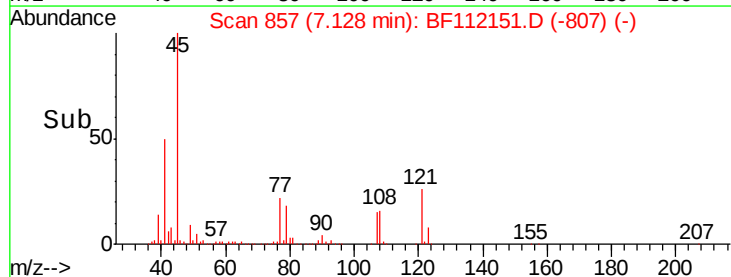
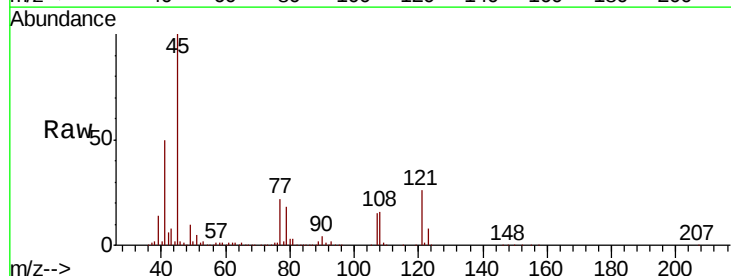
Tgt Ion: 45 Resp: 1069494

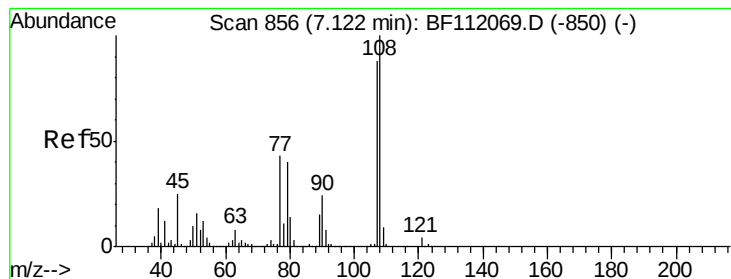
Ion Ratio Lower Upper

45 100

77 21.9 0.0 36.9

79 17.6 0.0 34.0





#17

2-Methylphenol

Concen: 41.549 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 677745

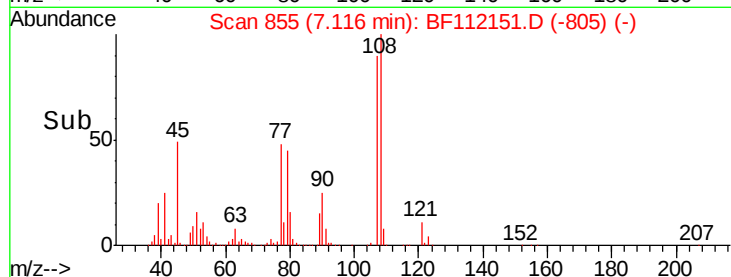
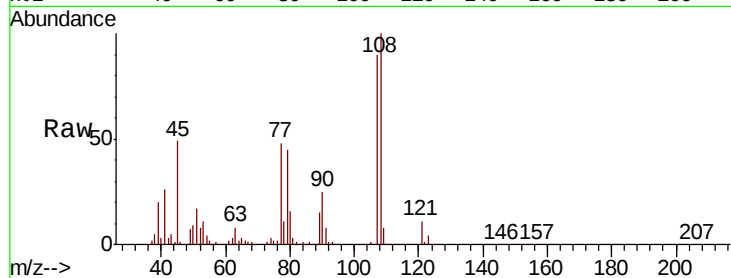
Ion Ratio Lower Upper

107 100

108 111.6 91.3 136.9

77 54.0 39.0 58.6

79 50.7 37.0 55.4

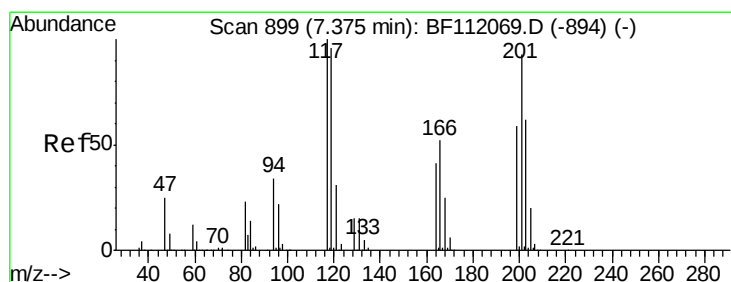
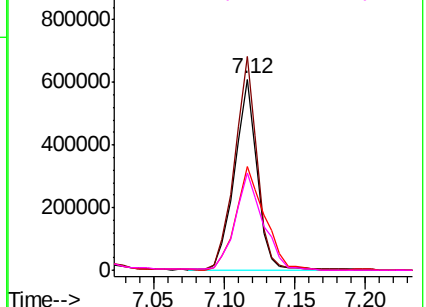


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.854 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

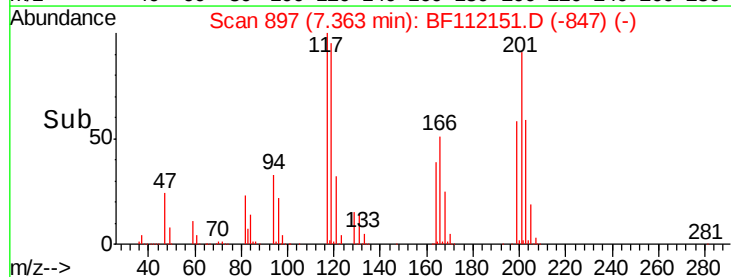
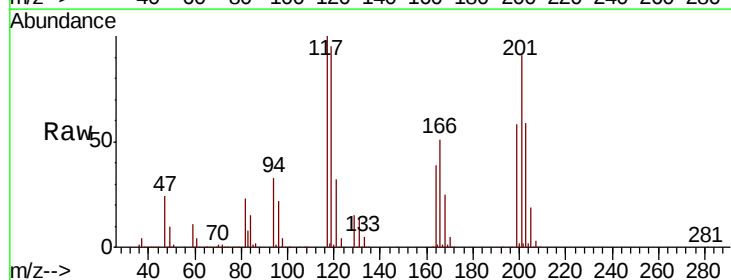
Tgt Ion:117 Resp: 354192

Ion Ratio Lower Upper

117 100

119 94.9 77.0 115.4

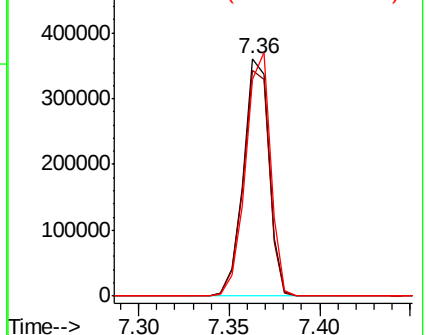
201 91.3 74.1 111.1

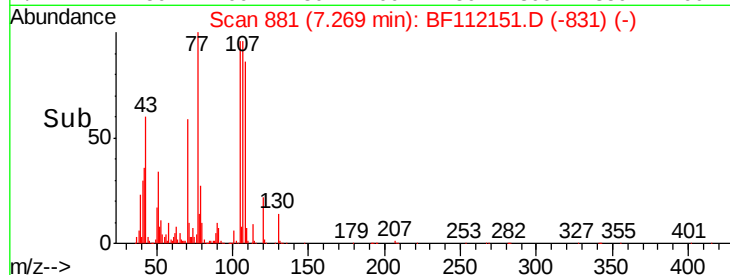
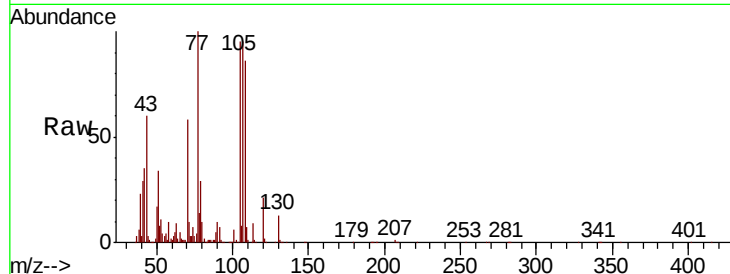
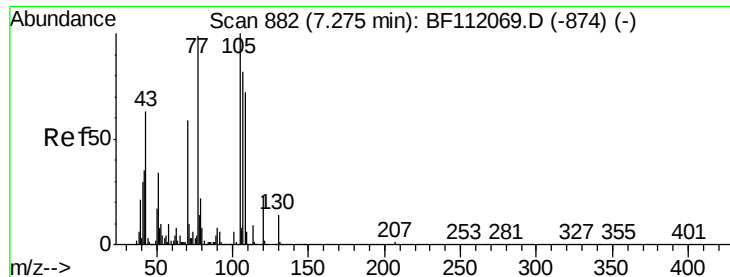


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

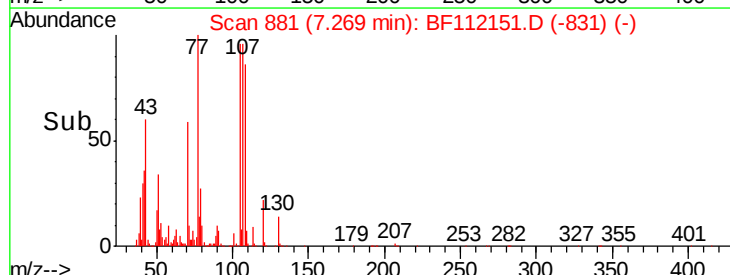
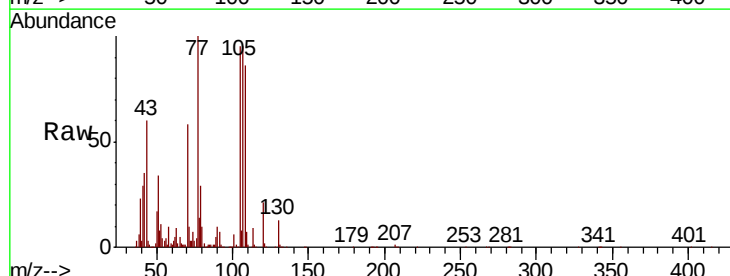
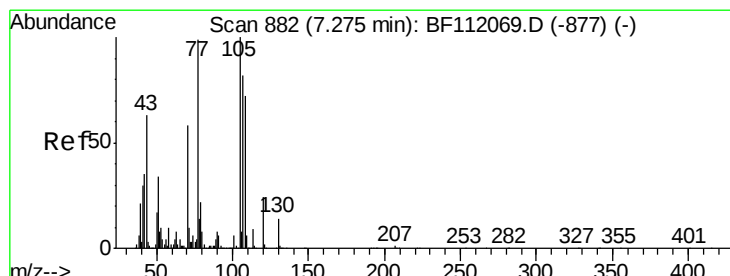
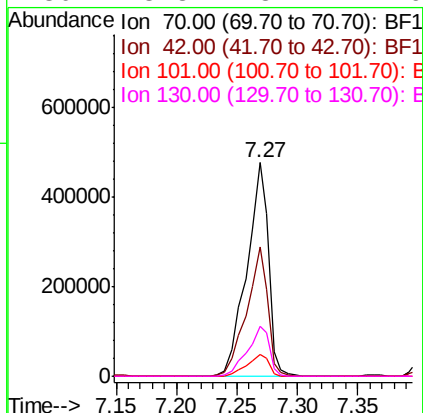




#19
n-Nitroso-di-n-propylamine
Concen: 42.140 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

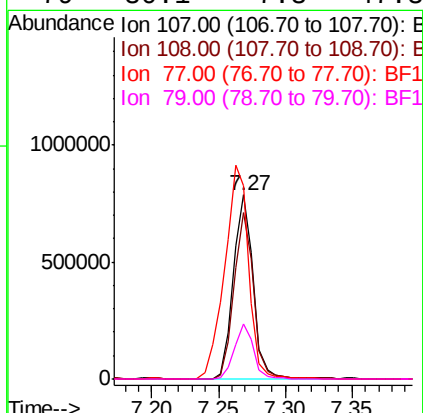
Instrument :
BNA_F
ClientSampleId :

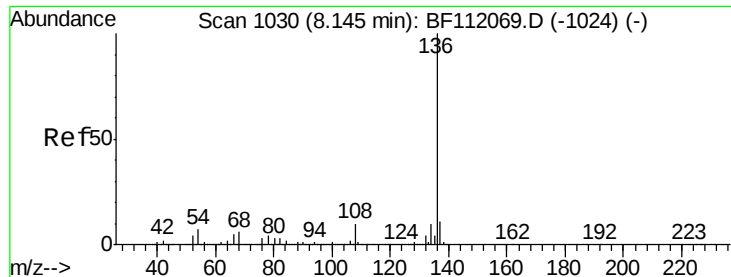
Tot Ion:	70	Resp:	600702
Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.6	71.4
101	10.2	7.9	11.9
130	23.3	18.4	27.6



#20
3+4-Methylphenols
Concen: 41.662 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion:	107	Resp:	823987
Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.2	108.2
77	105.0	100.7	140.7
79	30.1	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1304067

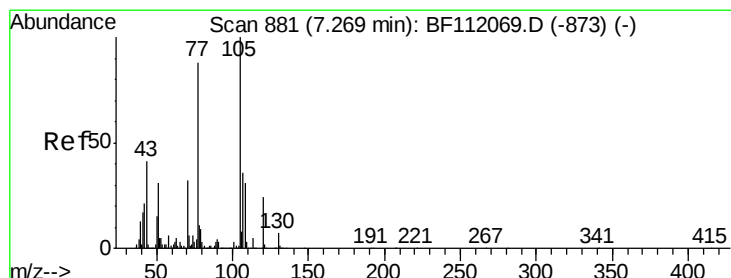
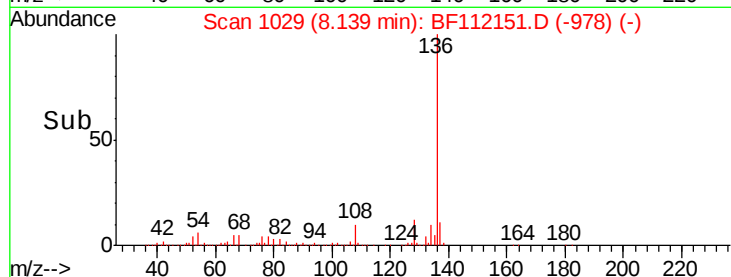
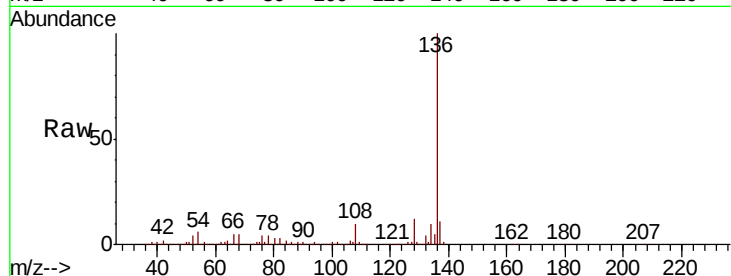
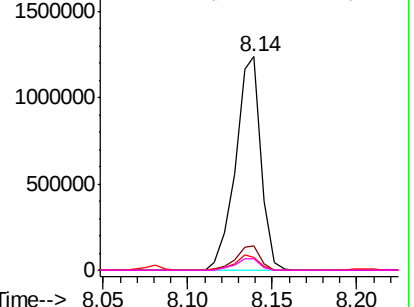
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.1	5.9	8.9
68	5.3	5.1	7.7

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: 39.759 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Tgt Ion:105 Resp: 1201187

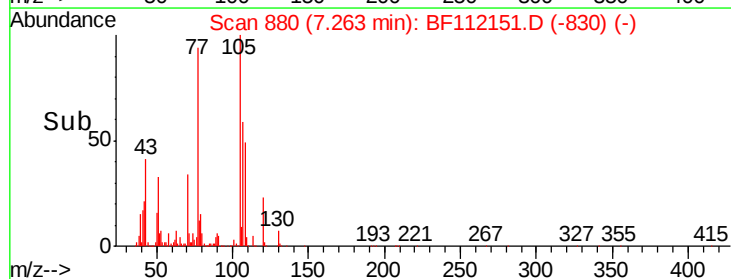
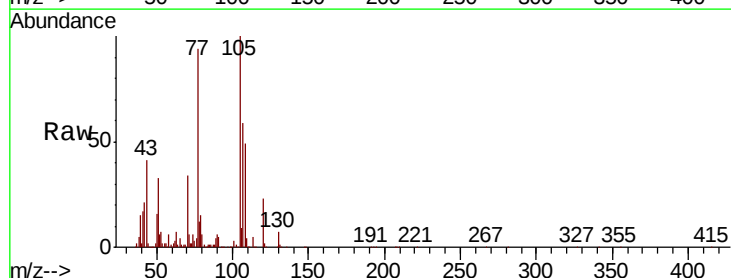
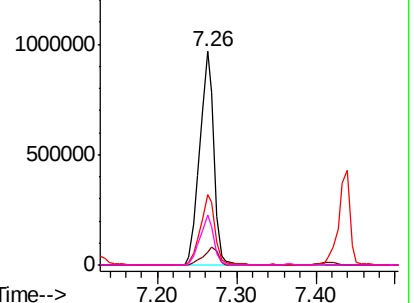
Ion	Ratio	Lower	Upper
105	100		
71	5.7	4.6	6.8
51	33.1	25.0	37.6
120	23.1	19.0	28.4

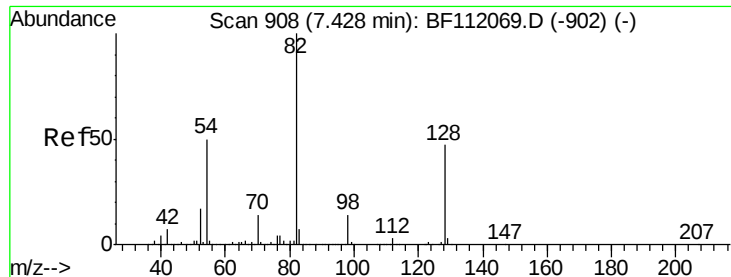
Abundance Ion 105.00 (104.70 to 105.70): E

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

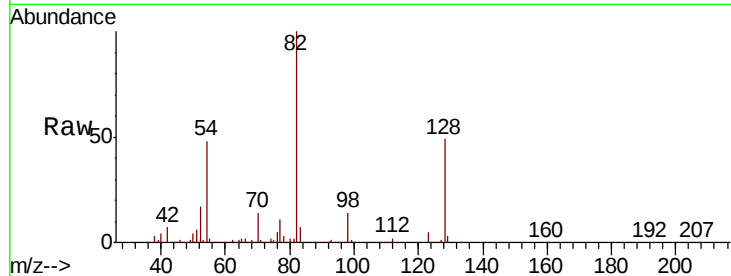




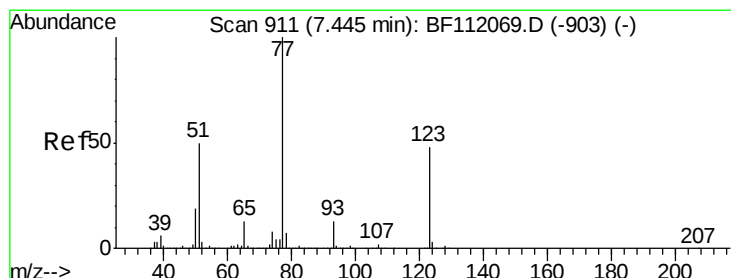
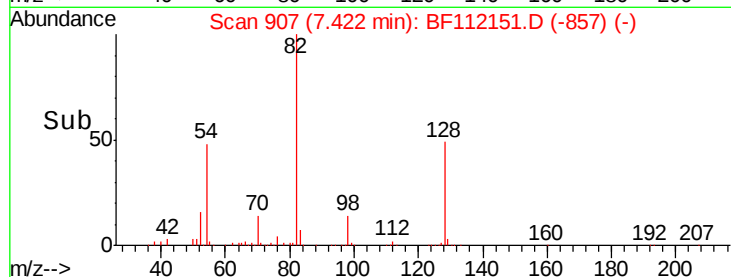
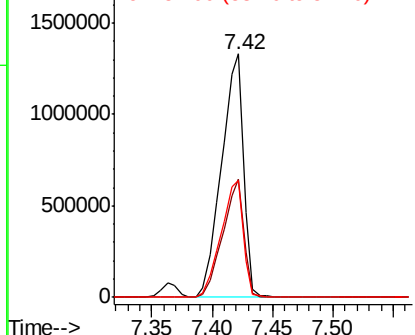
#23
Nitrobenzene-d5
Concen: 88.551 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1671408
Ion Ratio Lower Upper
82 100
128 48.6 37.8 56.8
54 47.8 39.7 59.5

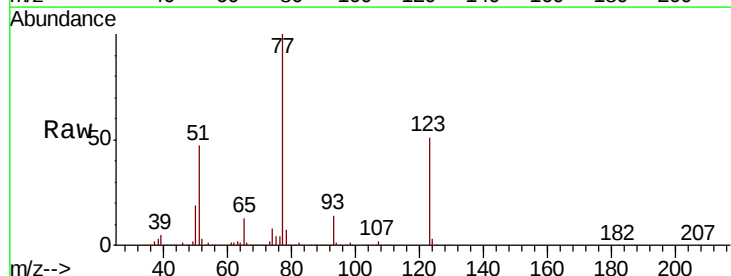


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

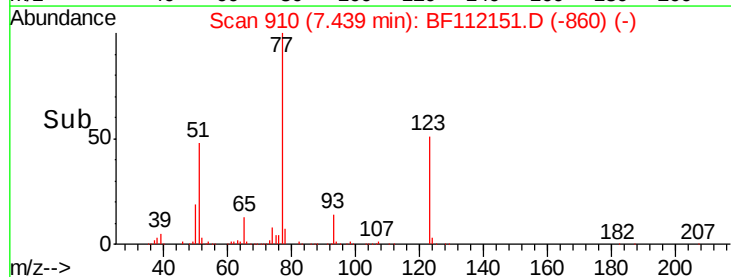
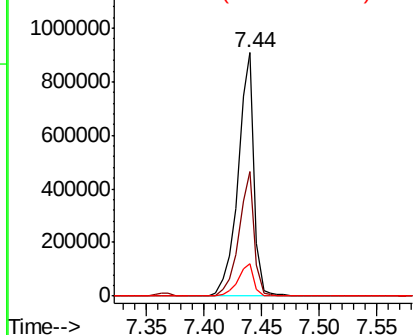


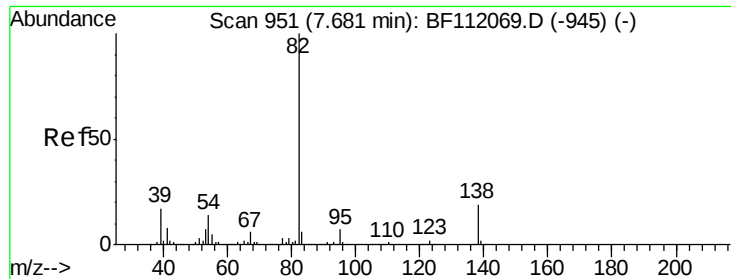
#24
Nitrobenzene
Concen: 43.199 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion: 77 Resp: 864169
Ion Ratio Lower Upper
77 100
123 51.2 38.4 57.6
65 13.3 10.6 15.8



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: 39.989 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

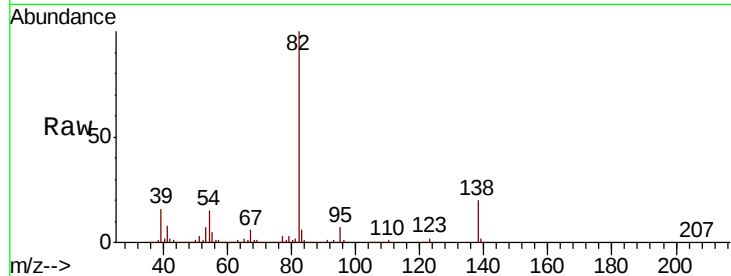
Tot Ion: 82 Resp: 1457919

Ion Ratio Lower Upper

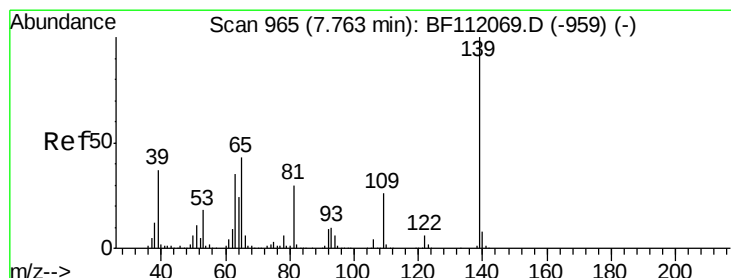
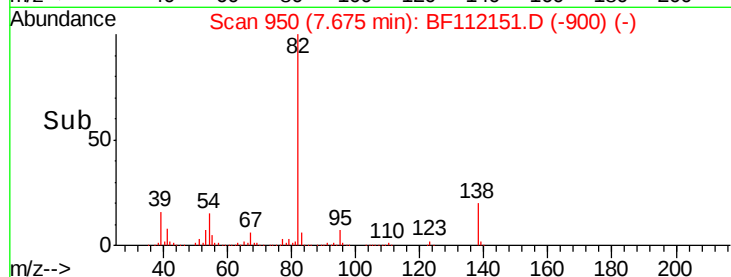
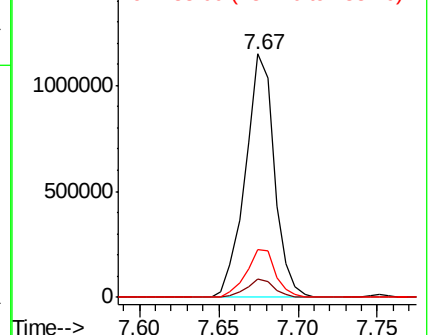
82 100

95 7.3 5.7 8.5

138 19.6 15.4 23.0



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: 42.538 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

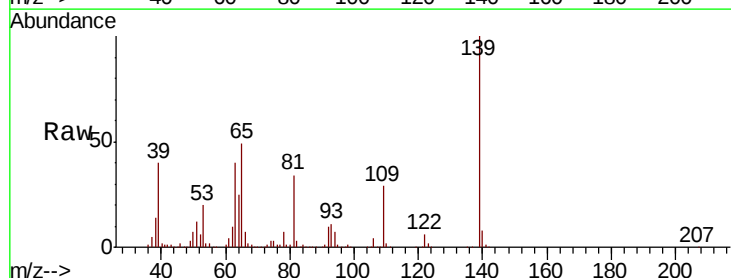
Tgt Ion: 139 Resp: 429525

Ion Ratio Lower Upper

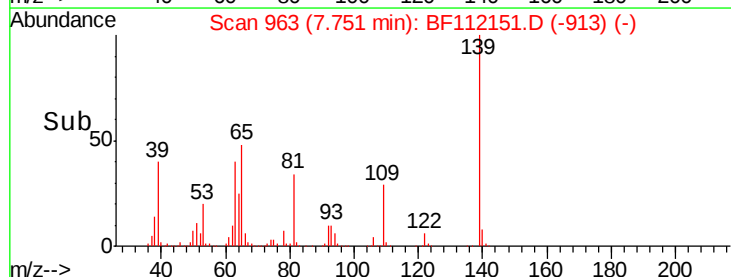
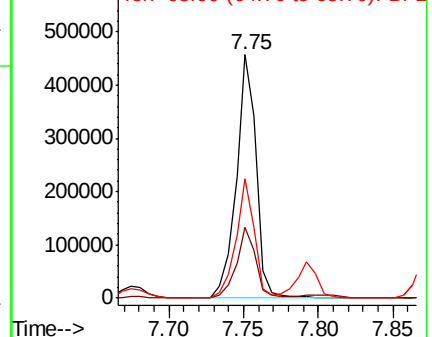
139 100

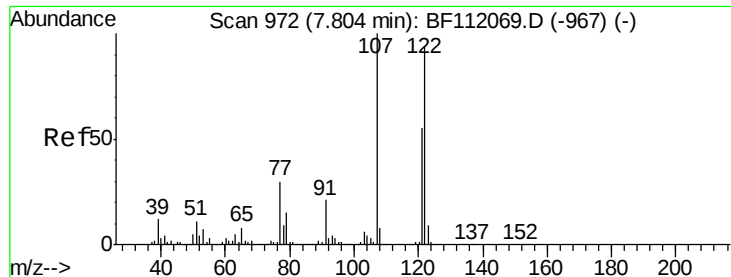
109 29.1 20.8 31.2

65 48.8 34.4 51.6



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: 39.899 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampled :

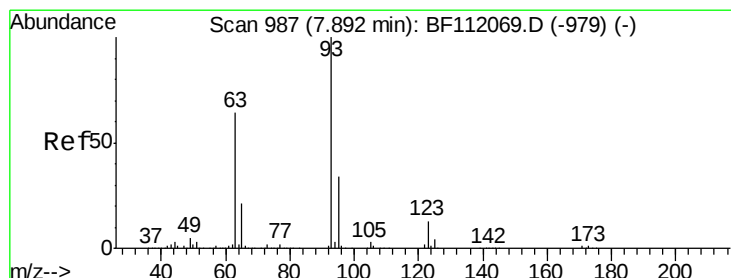
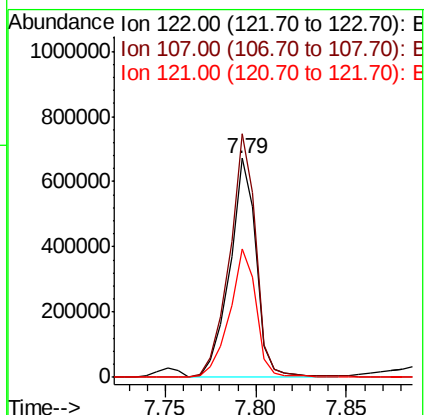
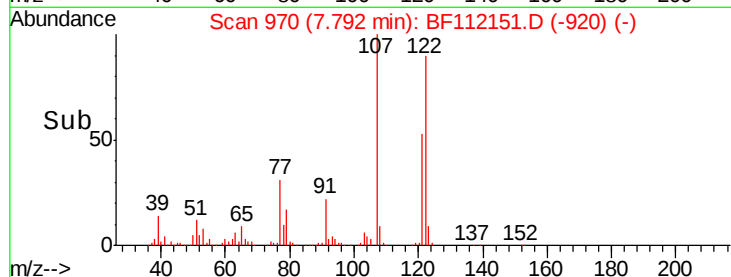
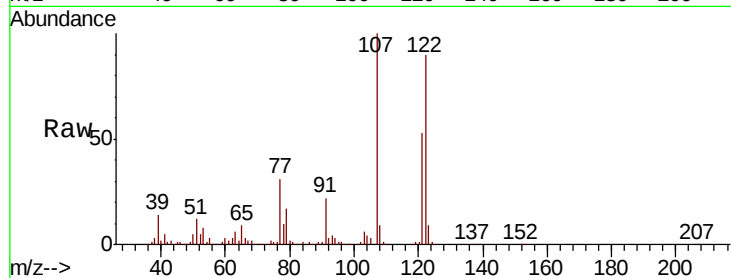
Tot Ion:122 Resp: 675222

Ion Ratio Lower Upper

122 100

107 111.3 85.4 128.0

121 58.9 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.593 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

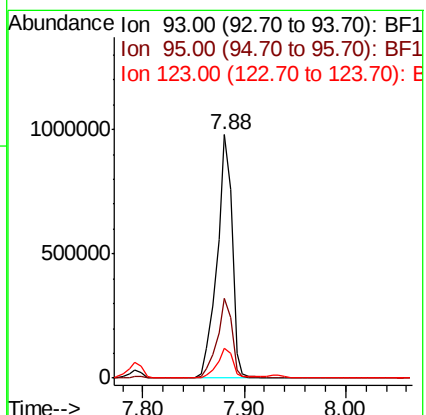
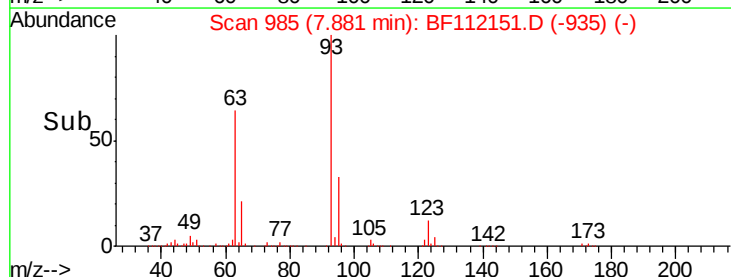
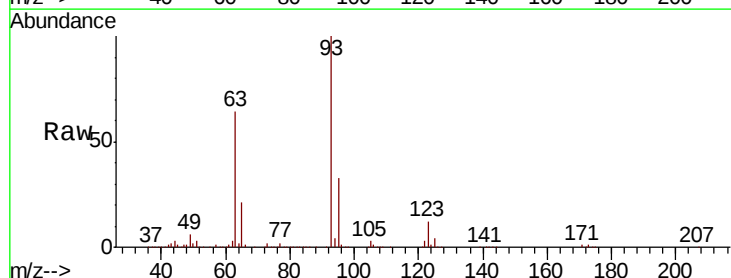
Tgt Ion: 93 Resp: 1015178

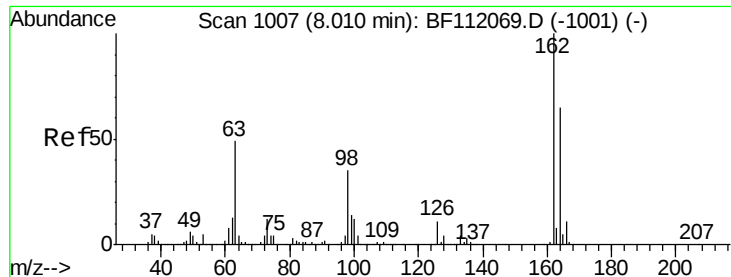
Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

123 12.0 10.2 15.2

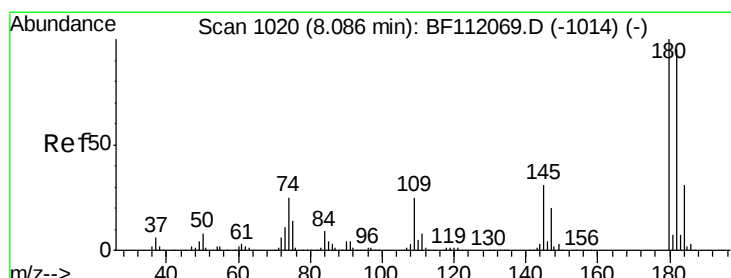
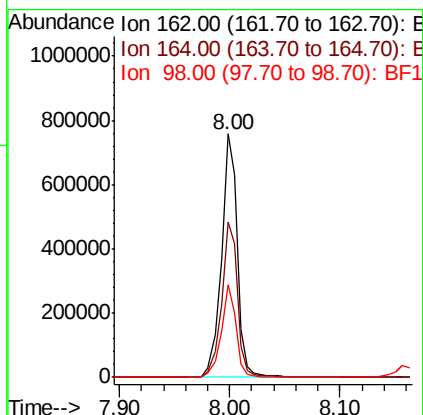
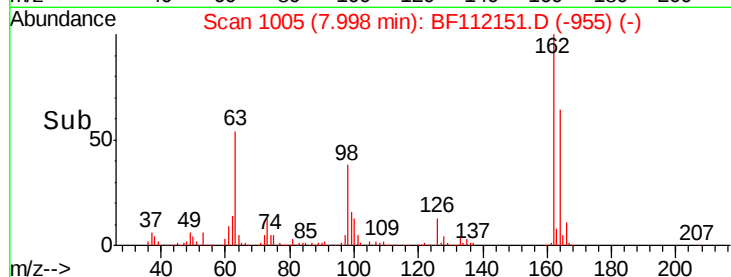
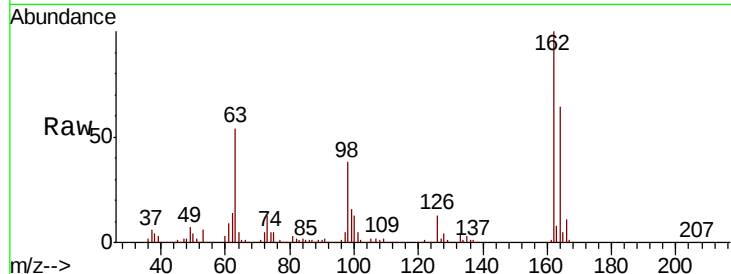




#29
2,4-Dichlorophenol
Concen: 41.124 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

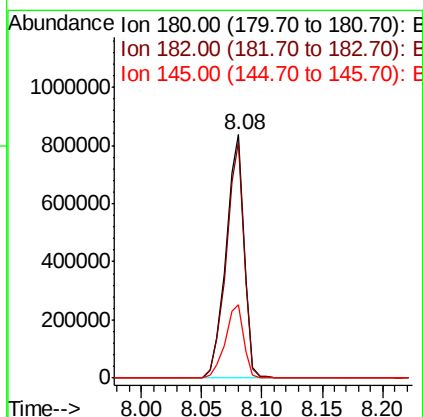
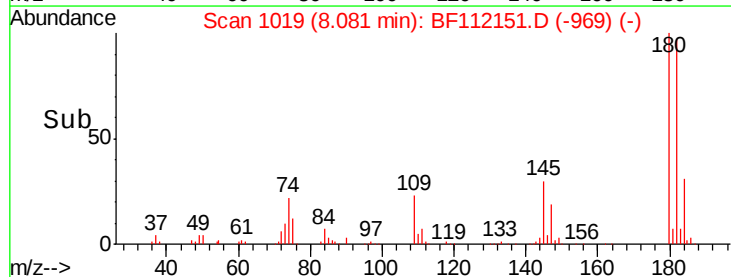
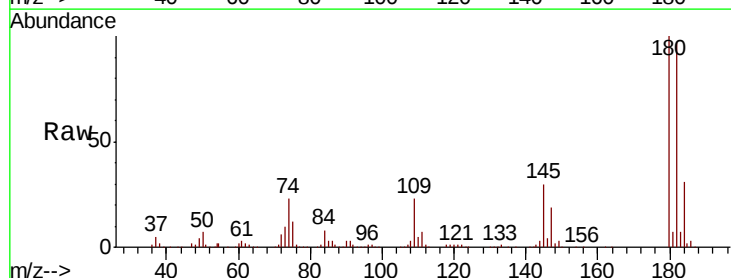
Instrument :
BNA_F
ClientSampleId :

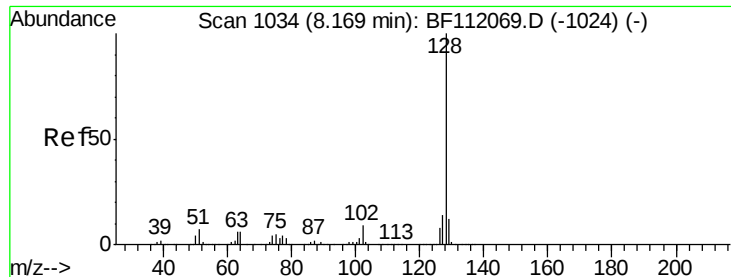
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	37.8	14.6	54.6



#30
1,2,4-Trichlorobenzene
Concen: 40.452 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.4	114.6
145	30.0	25.0	37.4

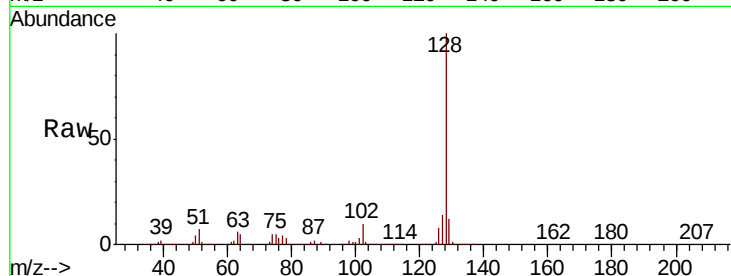




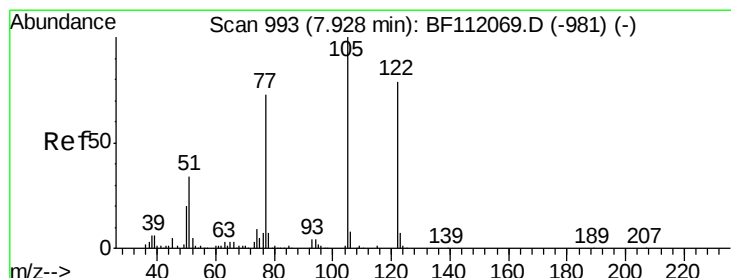
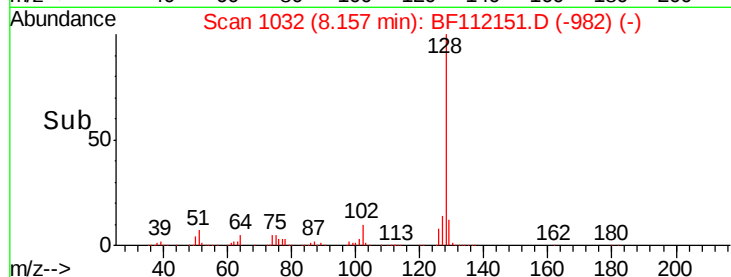
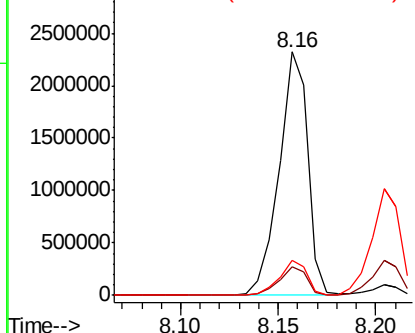
#31
Naphthalene
Concen: 39.841 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2363113
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 14.4 11.1 16.7

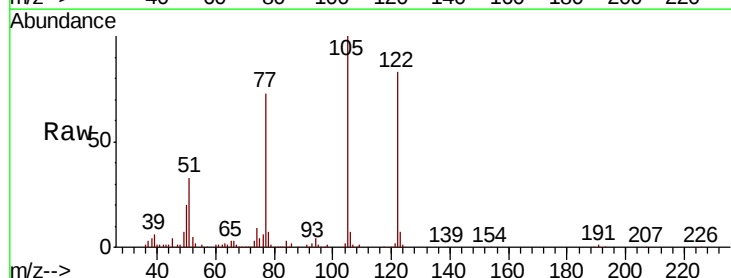


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

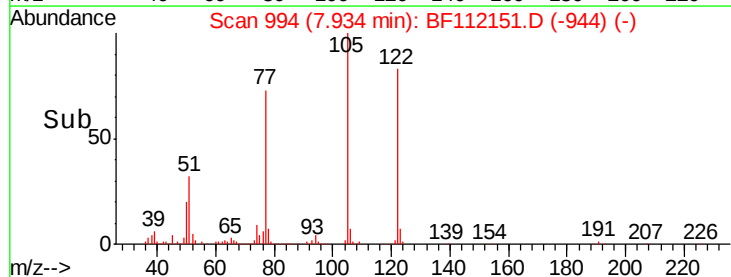
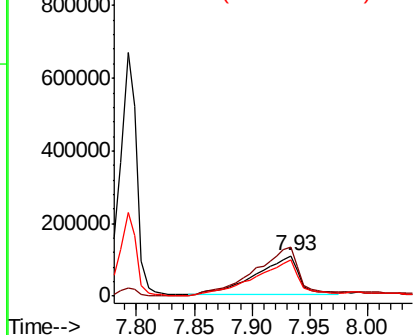


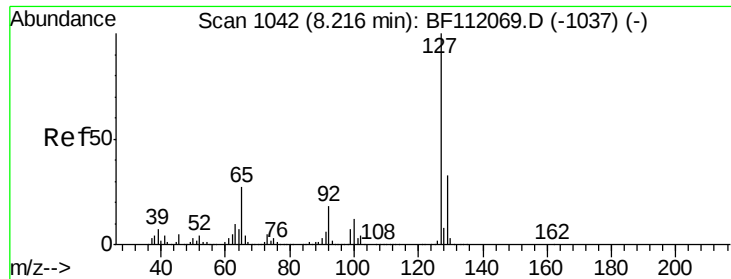
#32
Benzoic acid
Concen: 39.759 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion:122 Resp: 284830
Ion Ratio Lower Upper
122 100
105 121.2 101.2 141.2
77 88.7 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

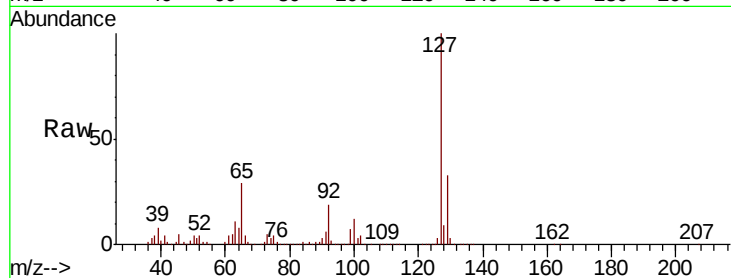




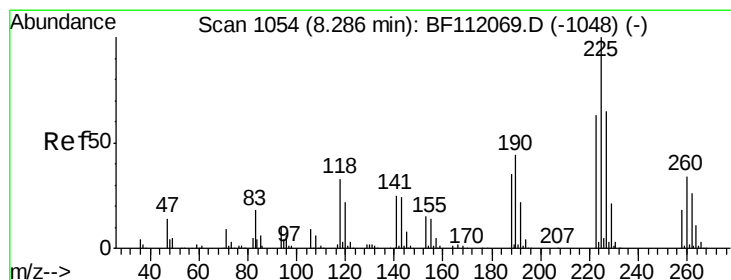
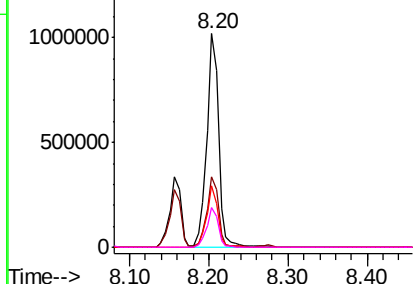
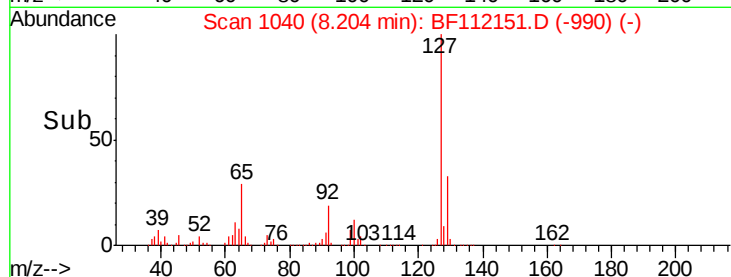
#33
4-Chloroaniline
Concen: 40.242 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1072706
Ion Ratio Lower Upper
127 100
129 32.7 26.6 39.8
65 28.9 21.4 32.2
92 18.8 14.2 21.2

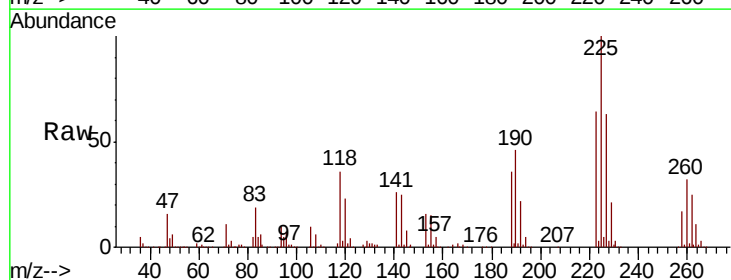


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

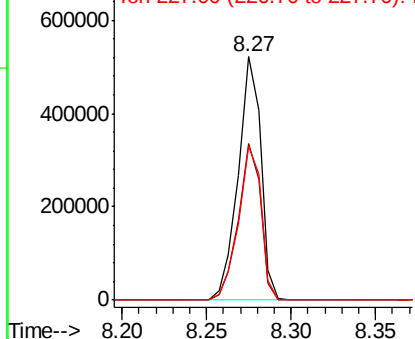
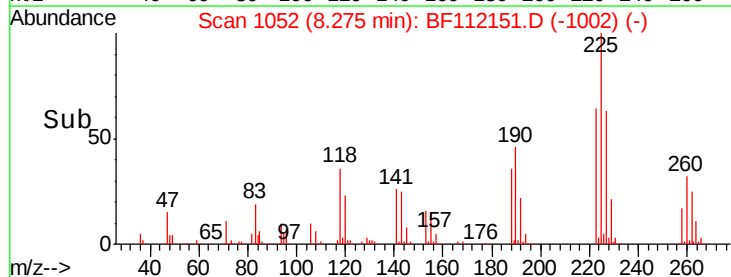


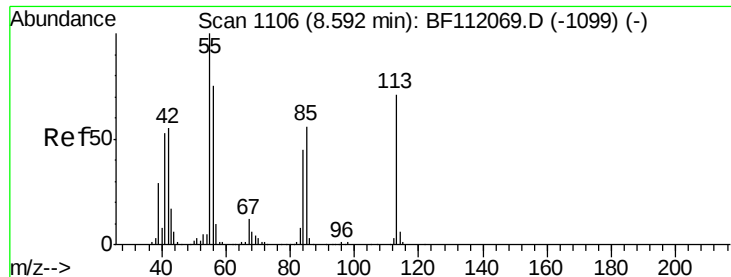
#34
Hexachlorobutadiene
Concen: 40.858 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion:225 Resp: 487812
Ion Ratio Lower Upper
225 100
223 64.3 50.3 75.5
227 63.3 51.8 77.8



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





#35

Caprolactam

Concen: 40.070 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

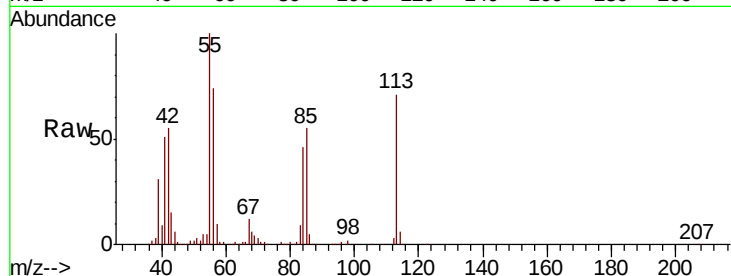
Tot Ion:113 Resp: 259267

Ion Ratio Lower Upper

113 100

55 141.8 121.6 161.6

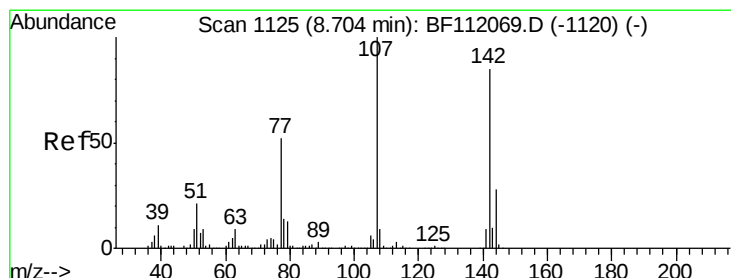
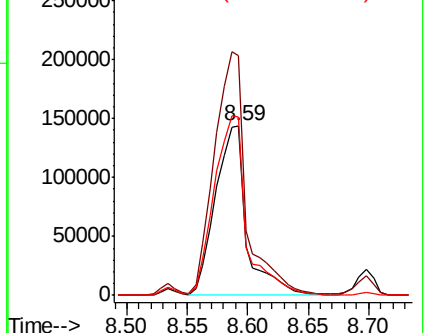
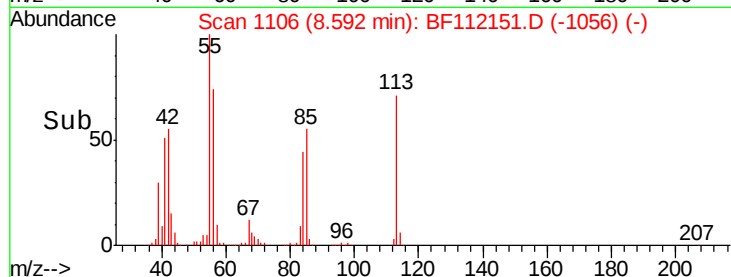
56 105.3 86.7 126.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.964 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

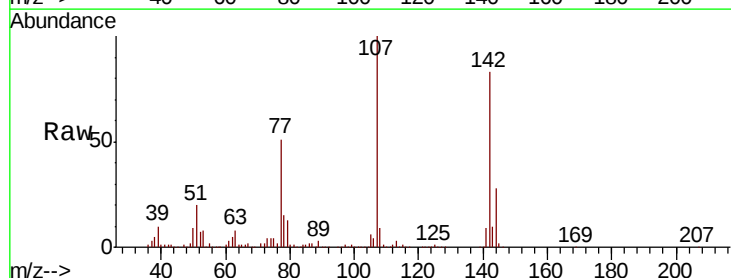
Tgt Ion:107 Resp: 757707

Ion Ratio Lower Upper

107 100

144 27.5 22.2 33.2

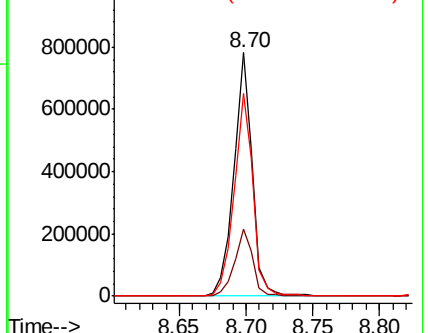
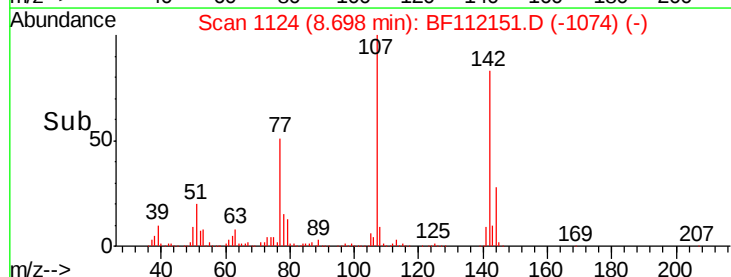
142 83.4 67.7 101.5

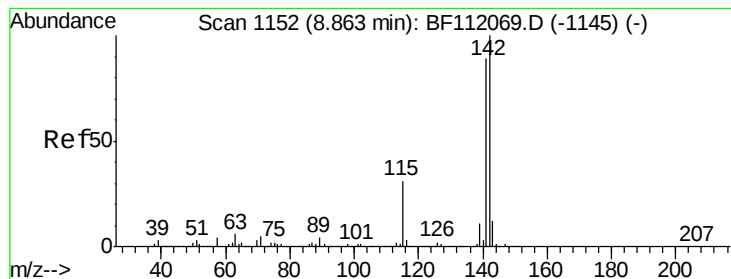


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

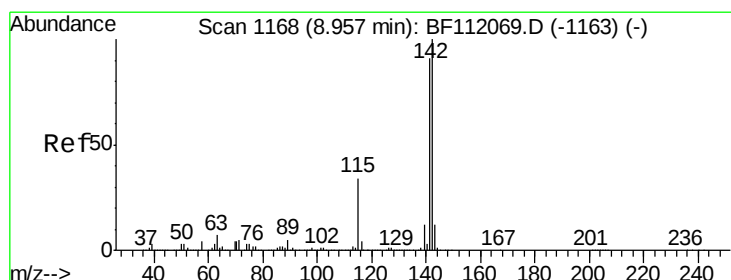
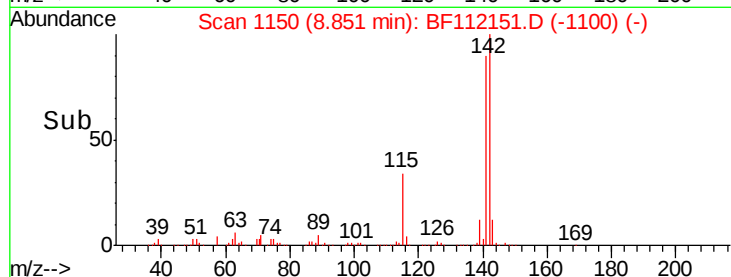
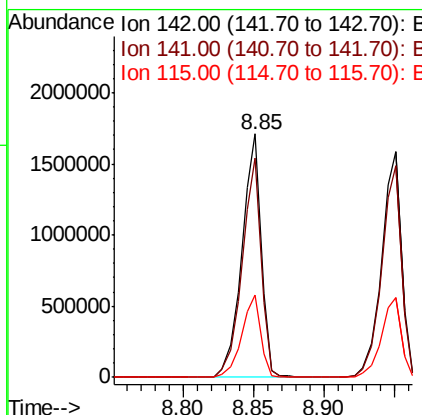
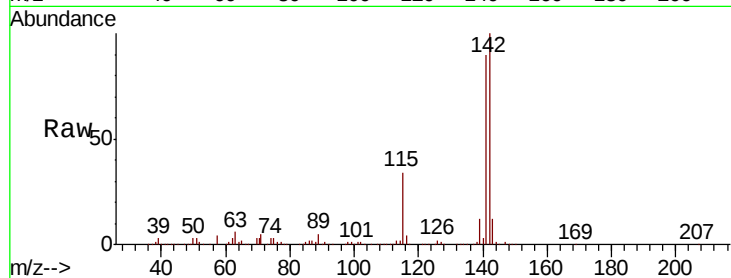




#37
2-Methylnaphthalene
Concen: 40.228 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

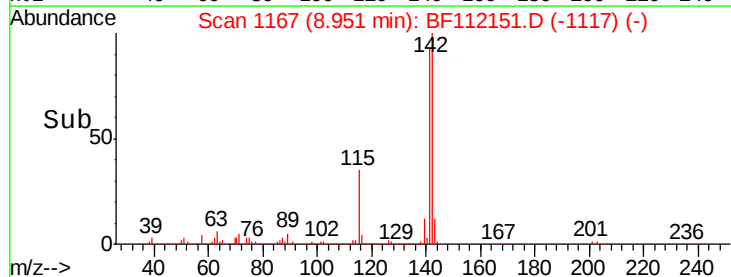
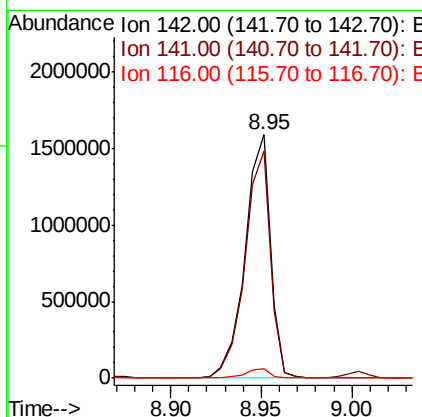
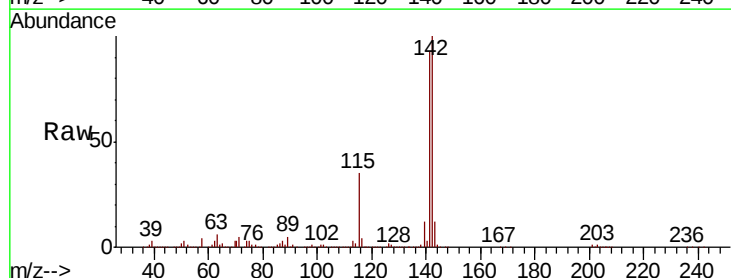
Instrument :
BNA_F
ClientSampleId :

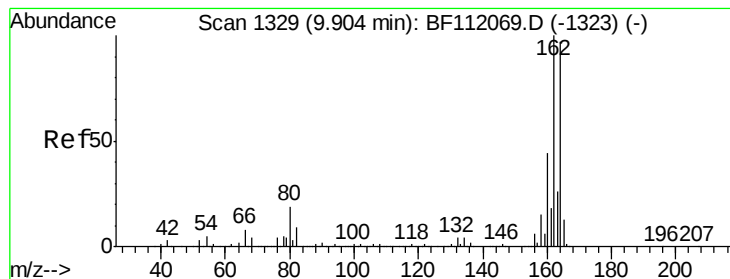
Tot Ion:142 Resp: 1620263
Ion Ratio Lower Upper
142 100
141 90.3 70.9 106.3
115 33.6 24.9 37.3



#38
1-Methylnaphthalene
Concen: 39.878 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion:142 Resp: 1543572
Ion Ratio Lower Upper
142 100
141 93.3 72.6 108.8
116 3.6 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

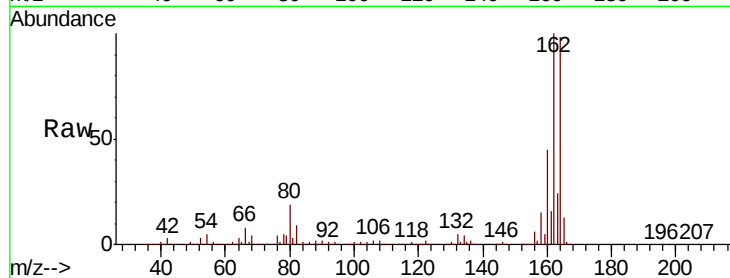
Tot Ion:164 Resp: 645426

Ion Ratio Lower Upper

164 100

162 102.1 82.2 123.4

160 45.9 36.2 54.4

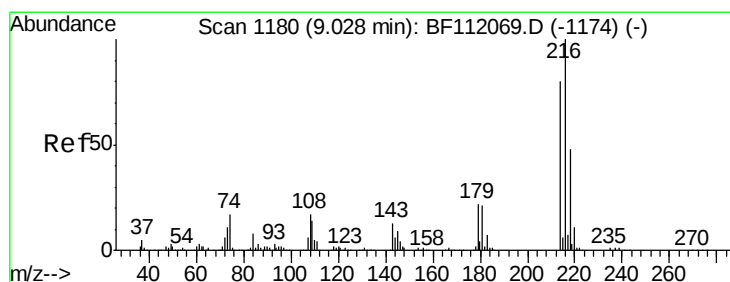
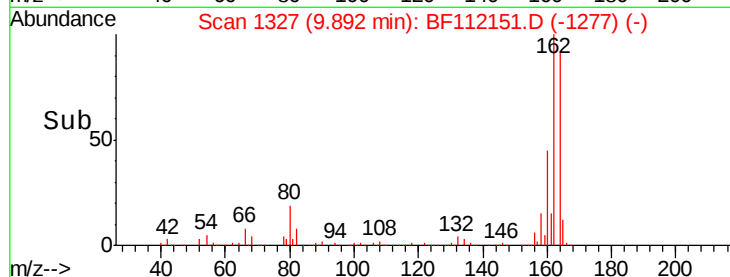
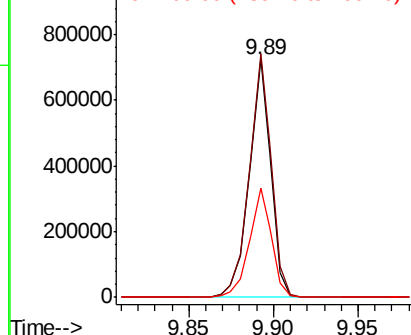


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.525 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Tgt Ion:216 Resp: 839897

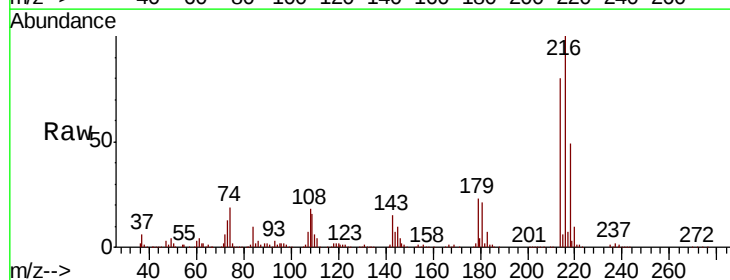
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 22.0 16.9 25.3

108 17.7 14.2 21.4



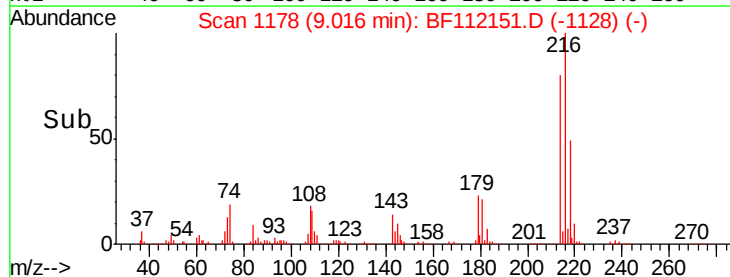
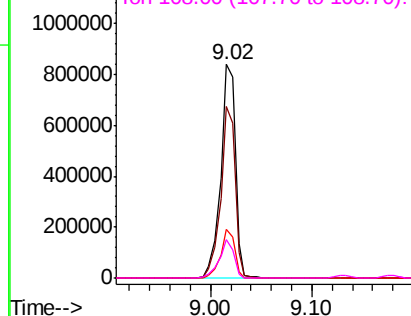
Abundance

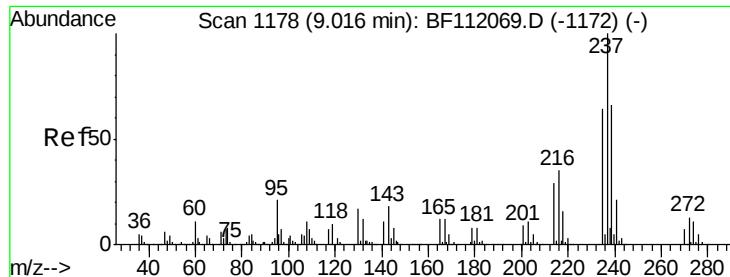
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.593 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

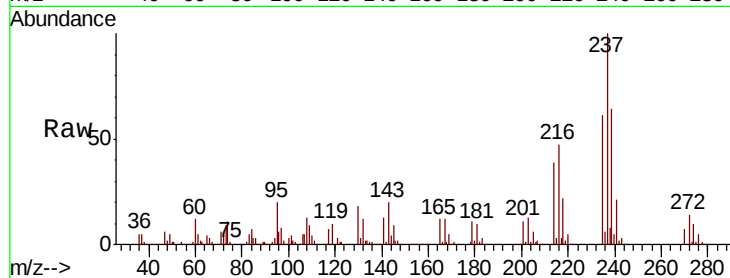
Tot Ion:237 Resp: 254686

Ion Ratio Lower Upper

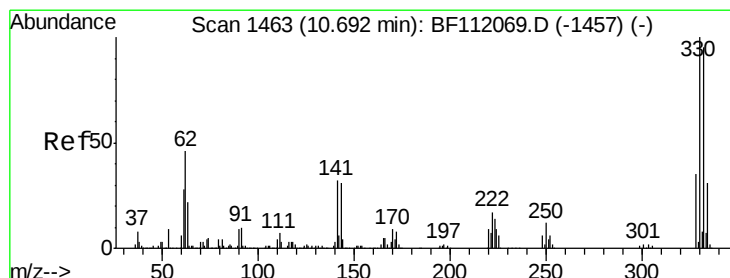
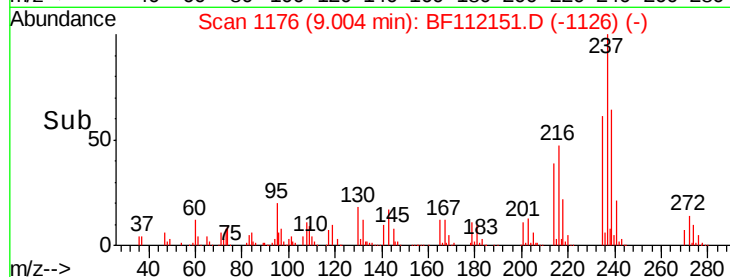
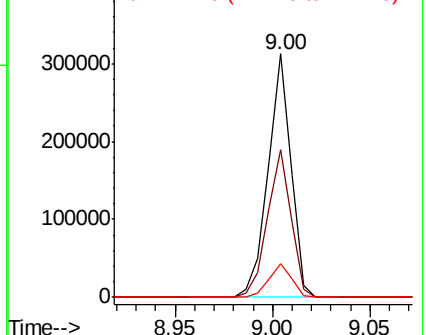
237 100

235 60.6 44.0 84.0

272 13.7 0.0 33.3



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: 84.759 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

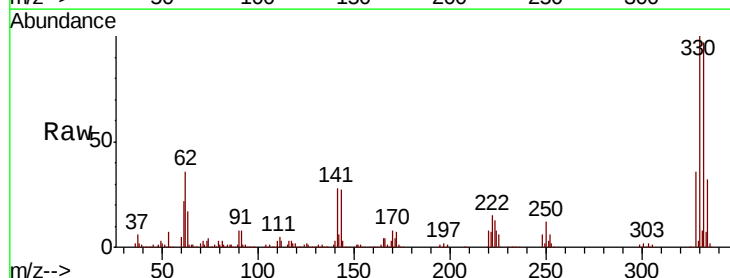
Tgt Ion:330 Resp: 590153

Ion Ratio Lower Upper

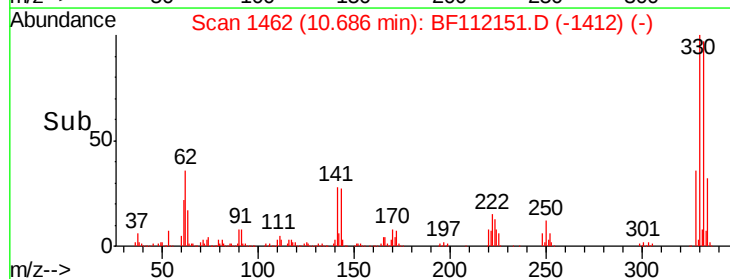
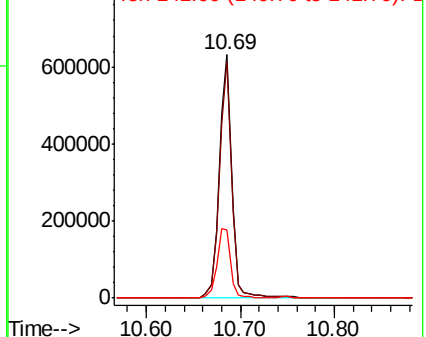
330 100

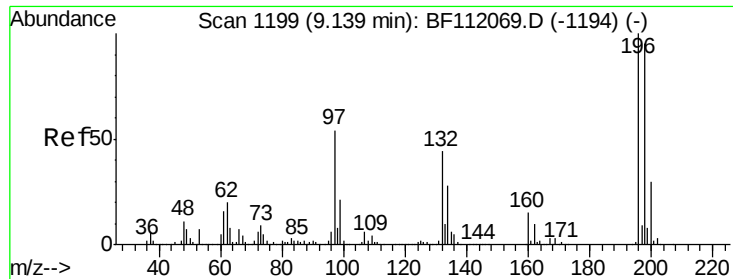
332 96.3 76.6 114.8

141 31.4 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

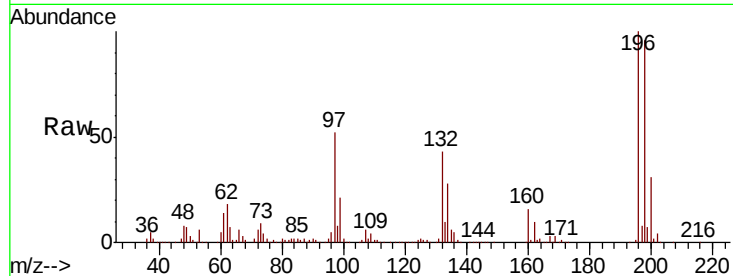




#43
 2,4,6-Trichlorophenol
 Concen: 43.330 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 537225
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.2 114.4
 200 31.3 24.3 36.5

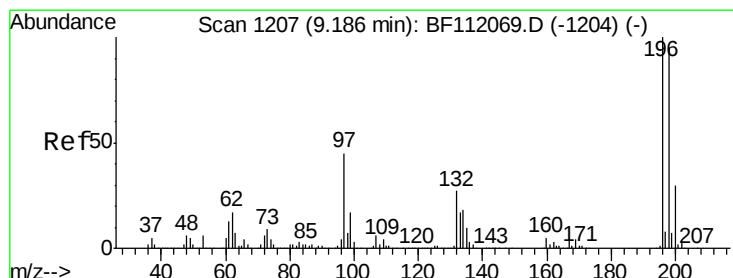
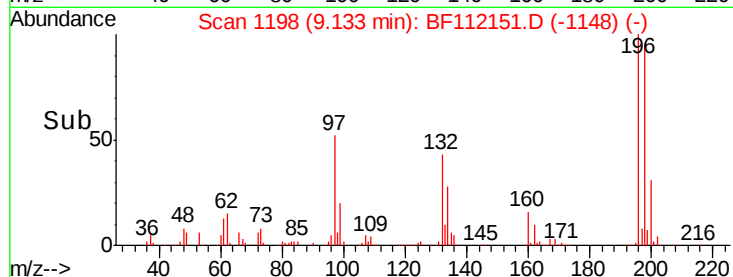
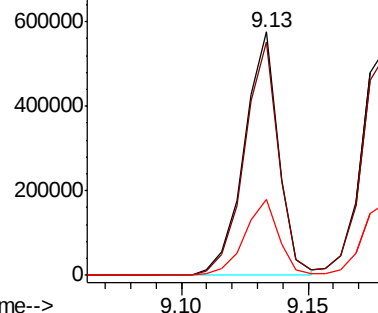


Abundance

Ion 196.00 (195.70 to 196.70): E

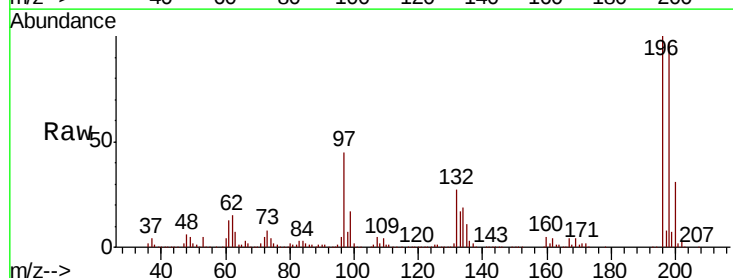
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.860 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

Tgt Ion:196 Resp: 565973
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.0 114.0
 97 45.0 36.4 54.6
 132 27.2 21.5 32.3



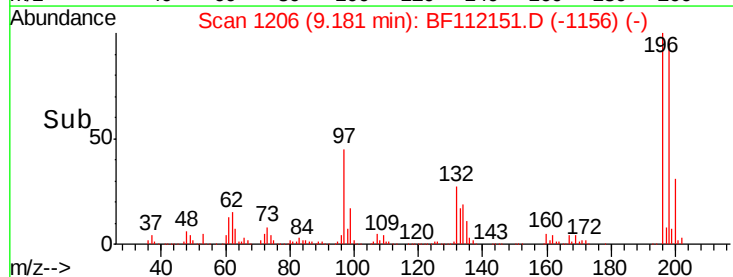
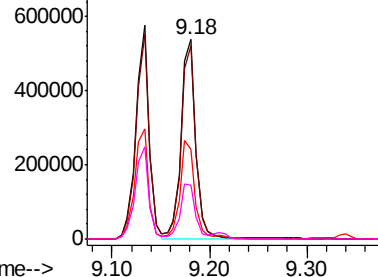
Abundance

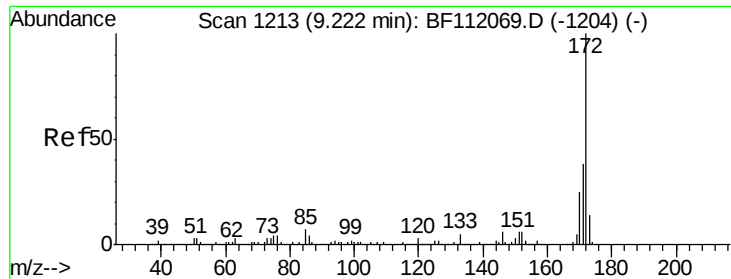
Ion 196.00 (195.70 to 196.70): E

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



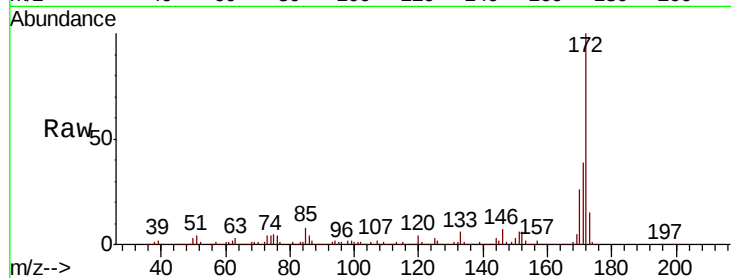


#45
 2-Fluorobiphenyl
 Concen: 75.215 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

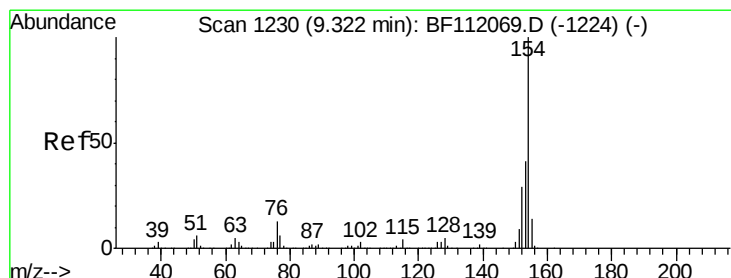
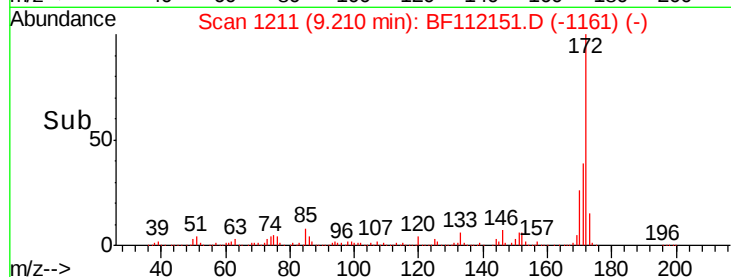
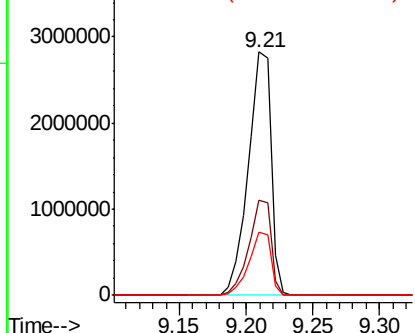
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3311169

Ion	Ratio	Lower	Upper
172	100		
171	39.2	30.5	45.7
170	26.0	20.2	30.4



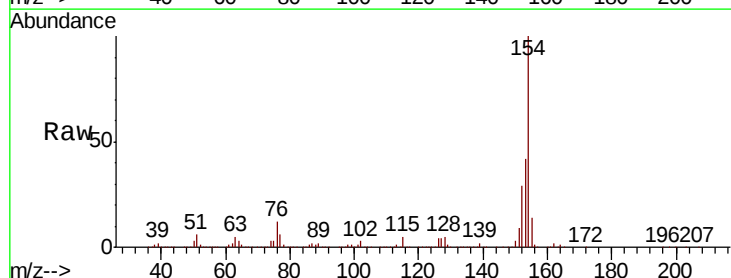
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



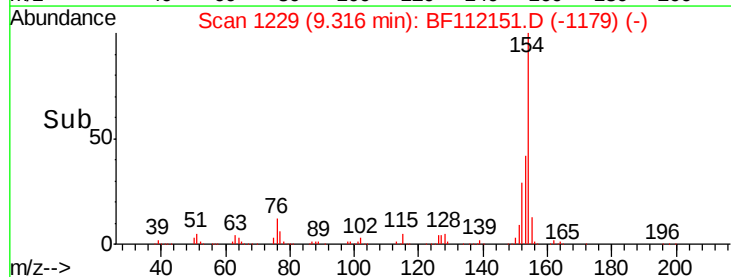
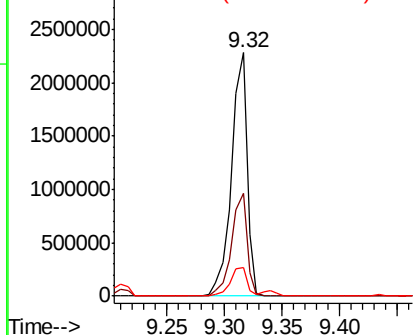
#46
 1,1'-Biphenyl
 Concen: 39.882 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

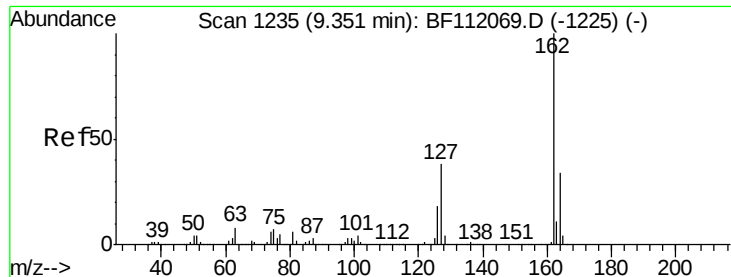
Tgt Ion:154 Resp: 2152393

Ion	Ratio	Lower	Upper
154	100		
153	42.3	21.5	61.5
76	11.6	0.0	33.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

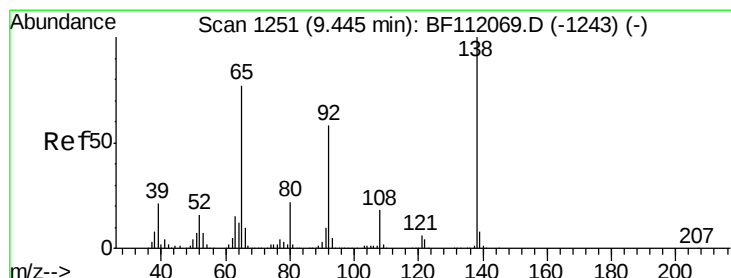
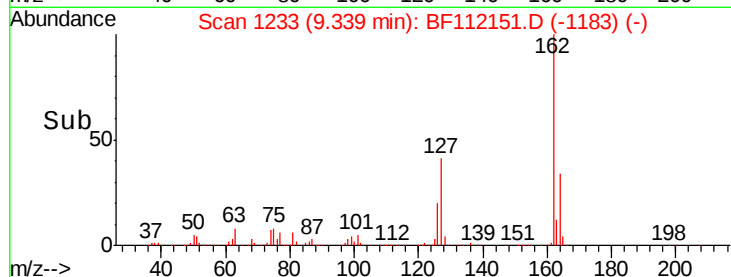
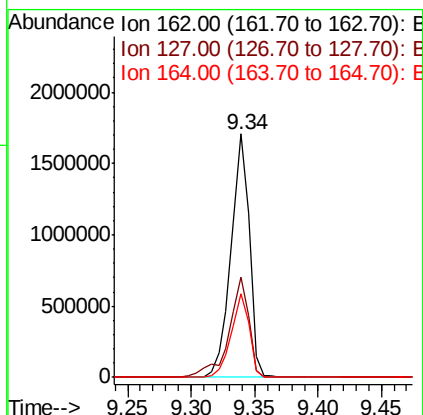
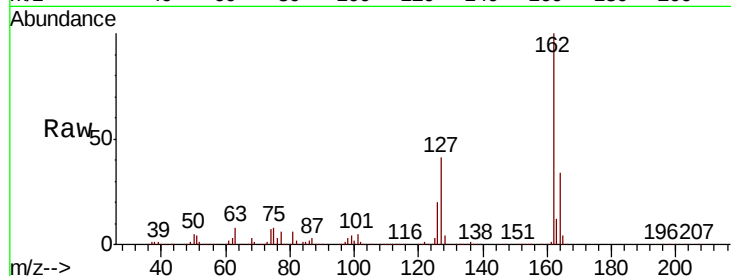




#47
 2-Chloronaphthalene
 Concen: 40.218 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

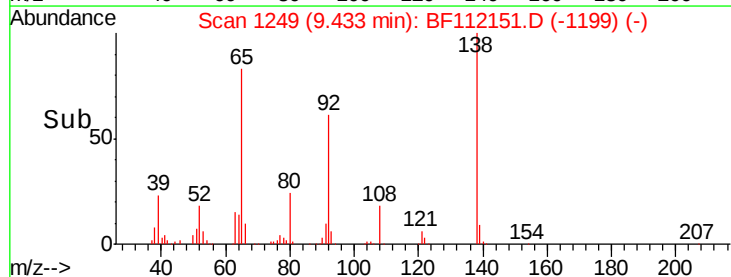
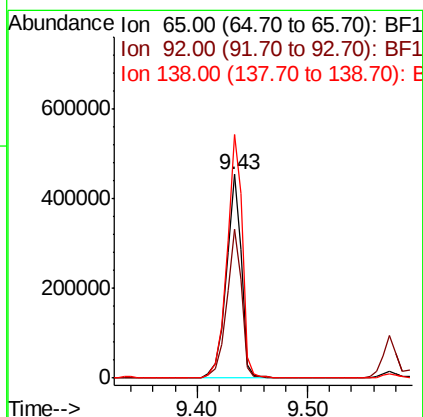
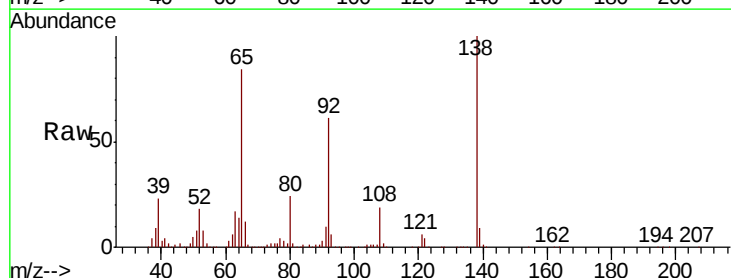
Instrument :
 BNA_F
 ClientSampled :

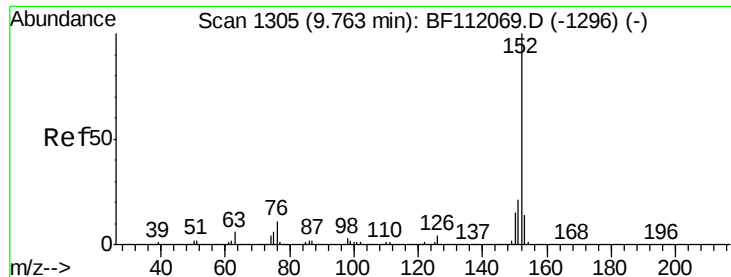
Tot Ion:162 Resp: 1699004
 Ion Ratio Lower Upper
 162 100
 127 41.3 30.4 45.6
 164 34.3 27.4 41.2



#48
 2-Nitroaniline
 Concen: 45.516 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

Tgt Ion: 65 Resp: 433103
 Ion Ratio Lower Upper
 65 100
 92 73.2 60.4 90.6
 138 119.6 104.4 156.6





#49

Acenaphthylene

Concen: 39.620 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

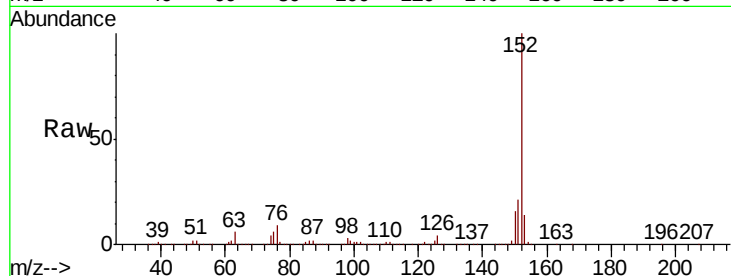
Tot Ion:152 Resp: 2442480

Ion Ratio Lower Upper

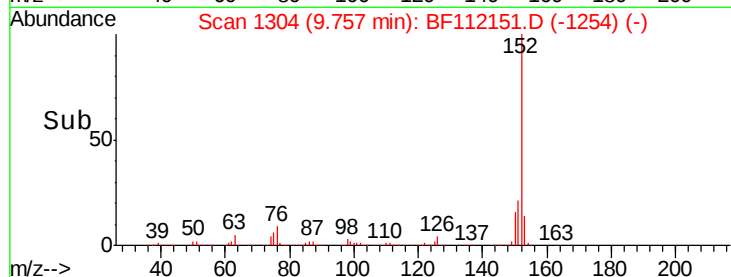
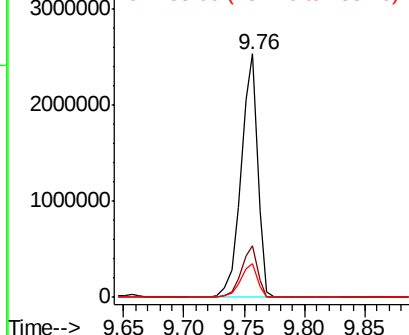
152 100

151 21.3 17.0 25.6

153 13.8 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.207 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

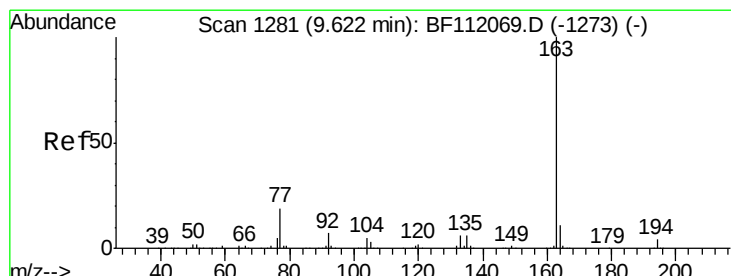
Tgt Ion:163 Resp: 1939595

Ion Ratio Lower Upper

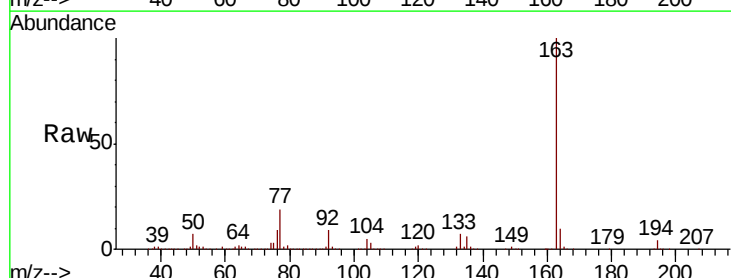
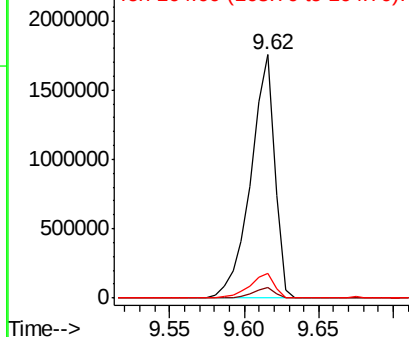
163 100

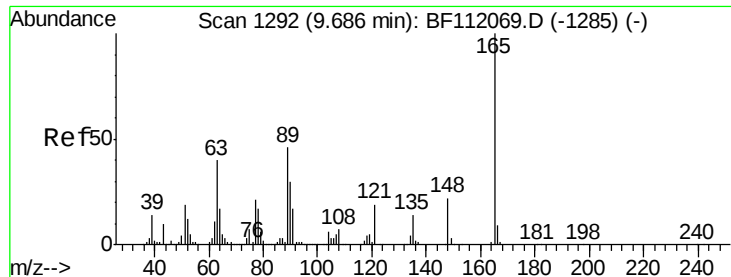
194 4.2 3.3 4.9

164 10.4 8.5 12.7



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

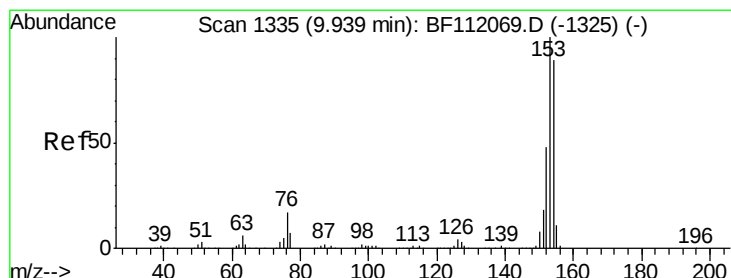
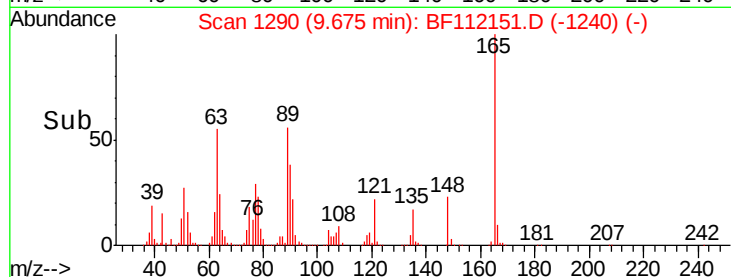
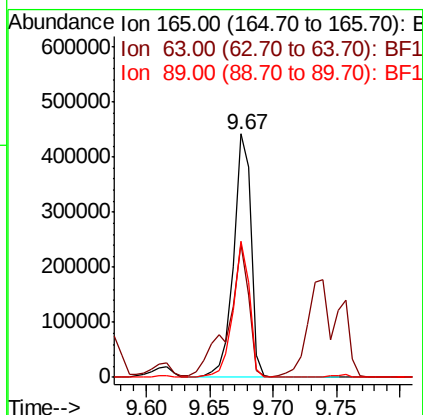
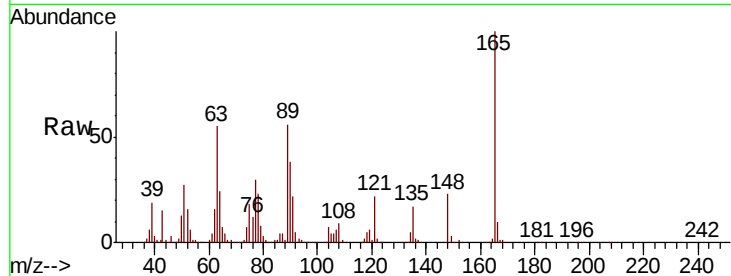




#51
 2,6-Dinitrotoluene
 Concen: 44.119 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

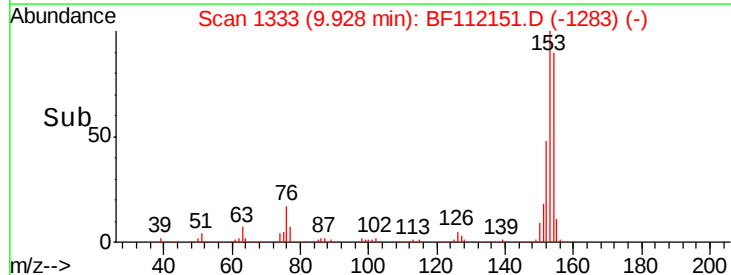
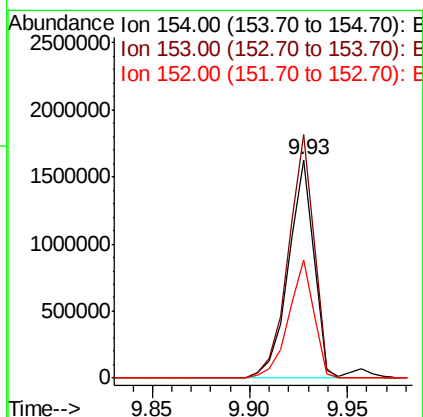
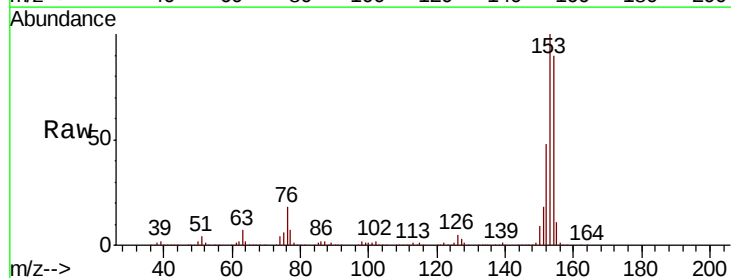
Instrument :
 BNA_F
 ClientSampled :

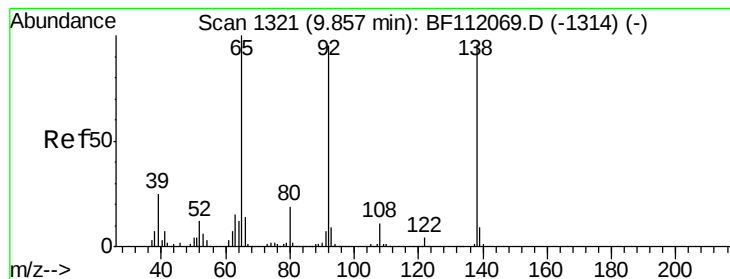
Tot Ion:165 Resp: 414723
 Ion Ratio Lower Upper
 165 100
 63 55.0 33.8 50.8#
 89 56.0 36.9 55.3#



#52
 Acenaphthene
 Concen: 39.271 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

Tgt Ion:154 Resp: 1481247
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.8 134.6
 152 54.0 43.5 65.3





#53

3-Nitroaniline

Concen: 42.910 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

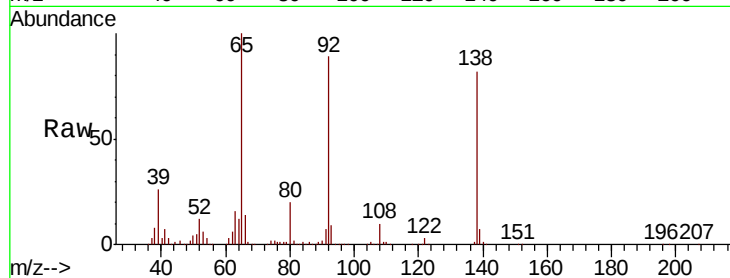
Tot Ion:138 Resp: 451060

Ion Ratio Lower Upper

138 100

108 12.6 9.8 14.6

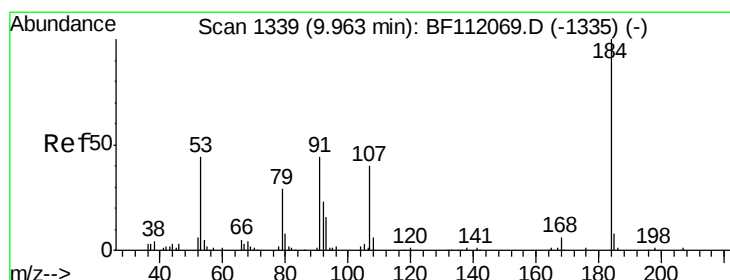
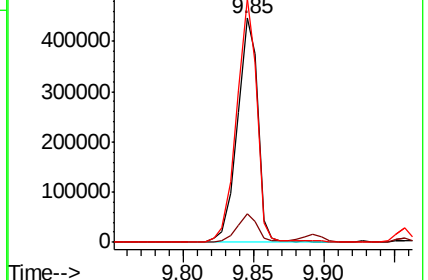
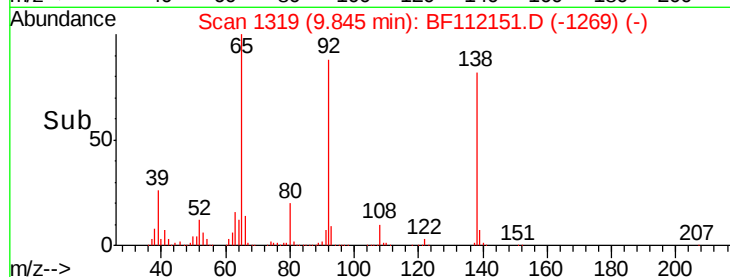
92 108.6 79.4 119.2



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: 45.140 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

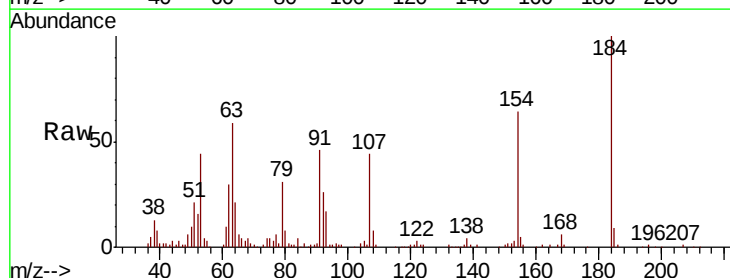
Tgt Ion:184 Resp: 97972

Ion Ratio Lower Upper

184 100

63 58.8 47.1 70.7

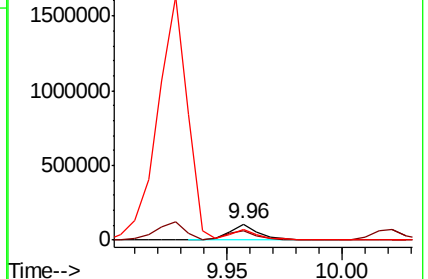
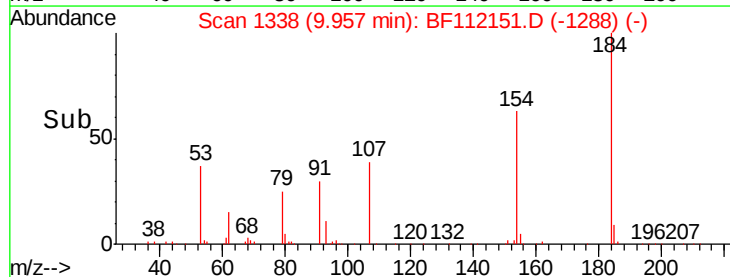
154 63.8 48.9 73.3

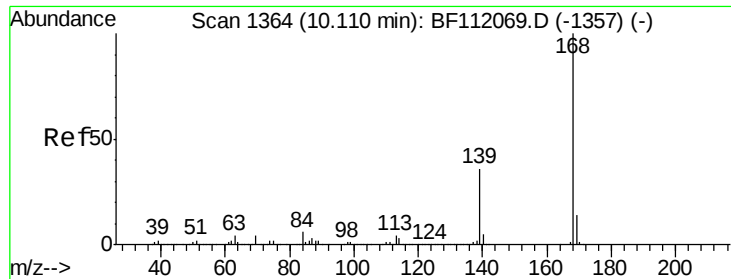


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.044 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

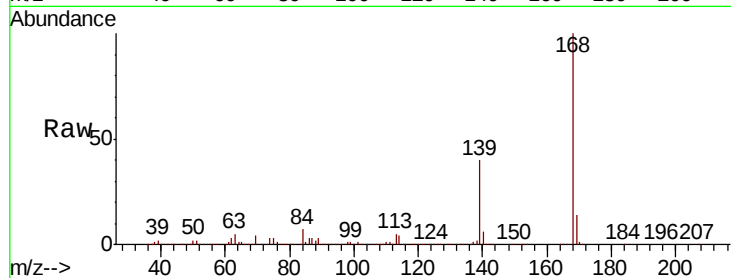
Tot Ion:168 Resp: 2227103

Ion Ratio Lower Upper

168 100

139 40.1 29.2 43.8

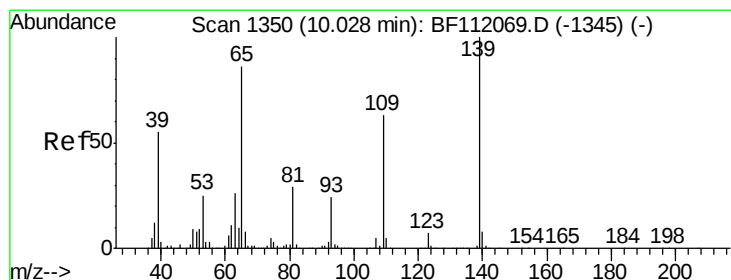
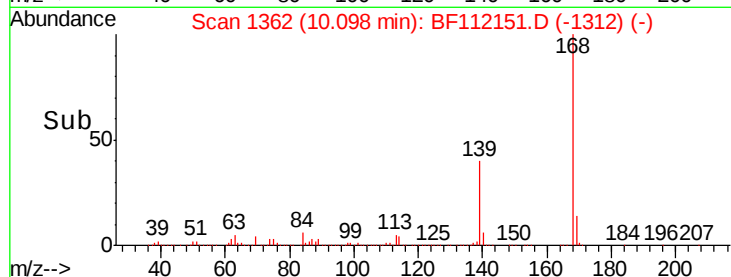
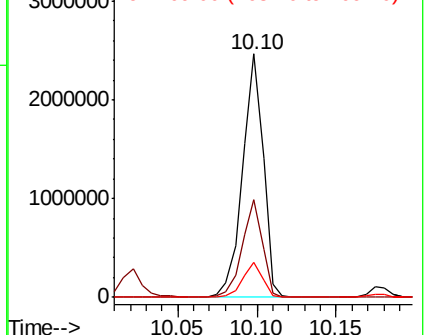
169 14.4 11.4 17.0



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: 38.879 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

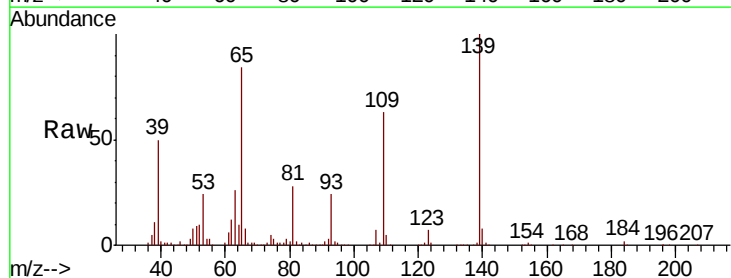
Tgt Ion:139 Resp: 268592

Ion Ratio Lower Upper

139 100

109 63.5 42.8 82.8

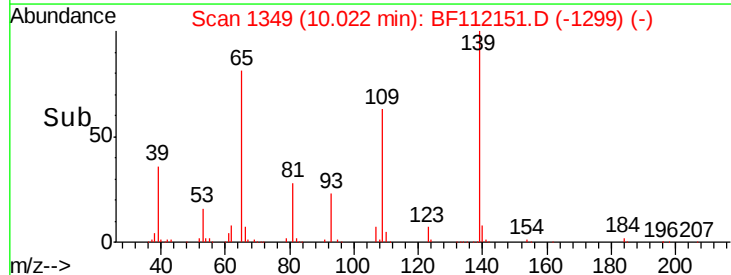
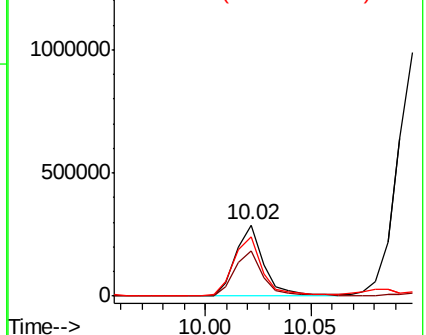
65 83.8 66.1 106.1

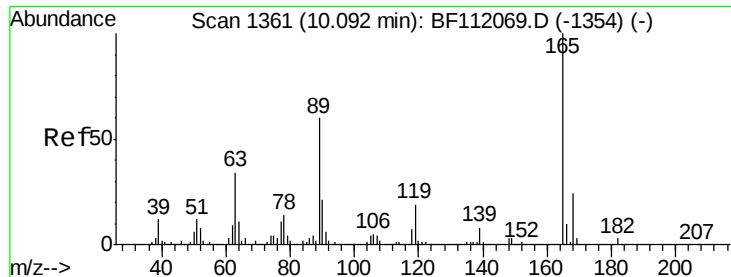


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

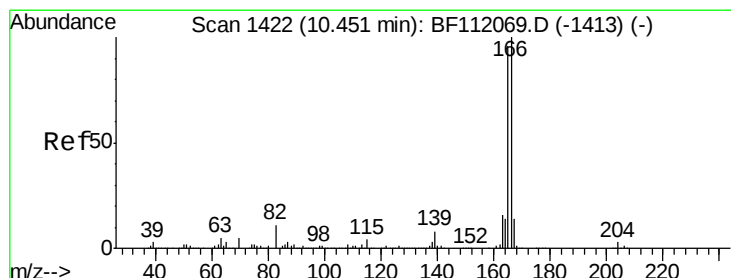
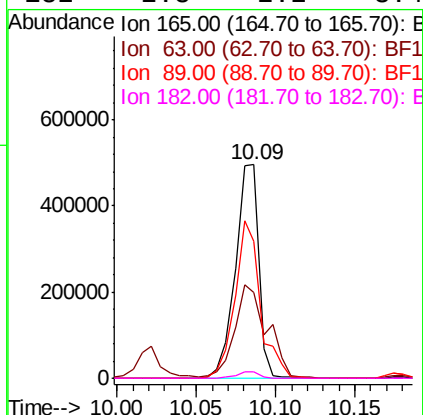
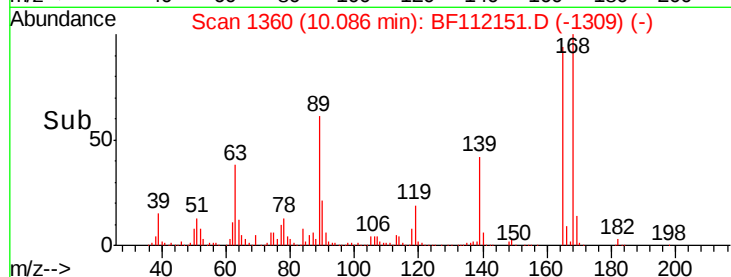
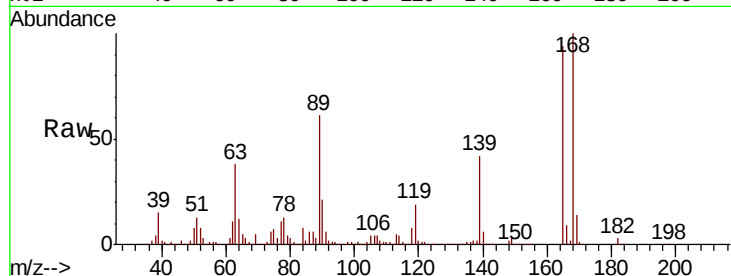




#57
2,4-Dinitrotoluene
Concen: 42.656 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

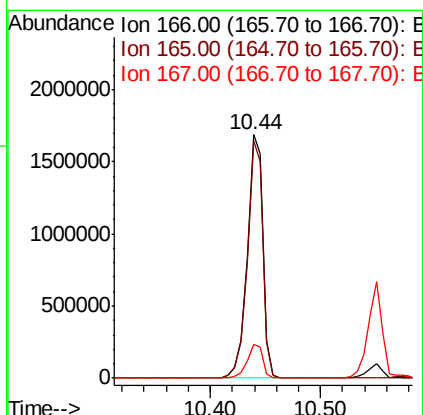
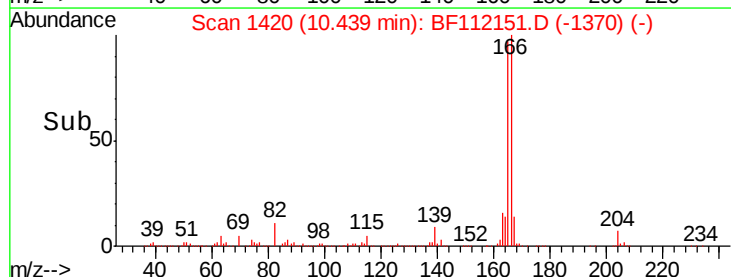
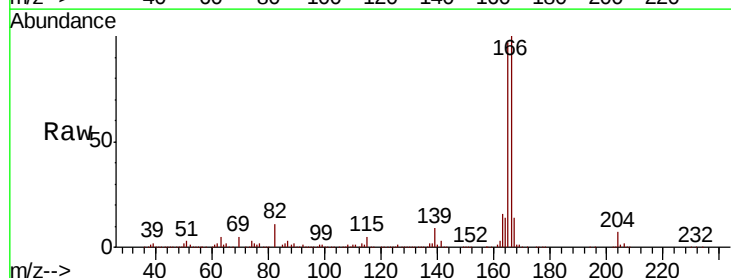
Instrument :
BNA_F
ClientSampleId :

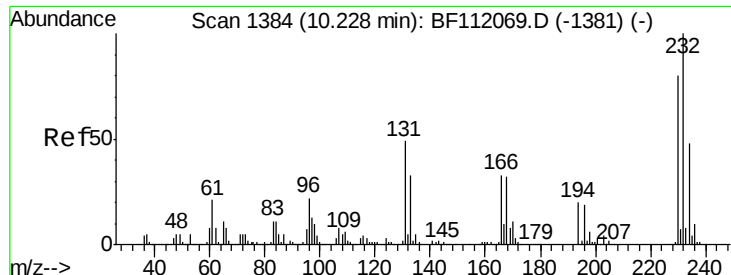
Tot Ion:165 Resp: 507913
Ion Ratio Lower Upper
165 100
63 40.5 27.9 41.9
89 64.4 47.9 71.9
182 2.8 2.2 3.4



#58
Fluorene
Concen: 39.145 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion:166 Resp: 1668259
Ion Ratio Lower Upper
166 100
165 97.5 77.1 115.7
167 14.1 11.3 16.9

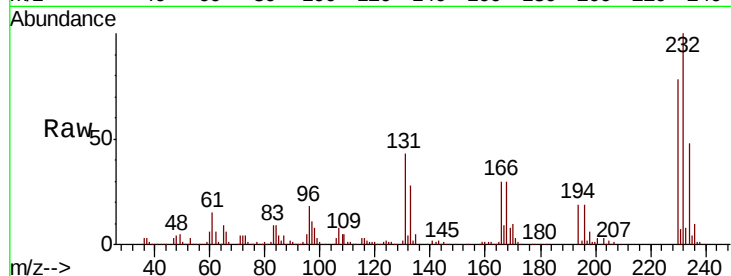




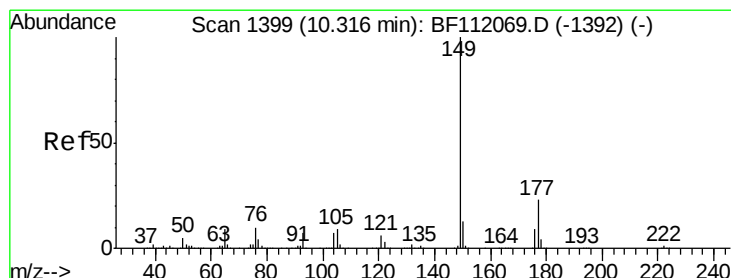
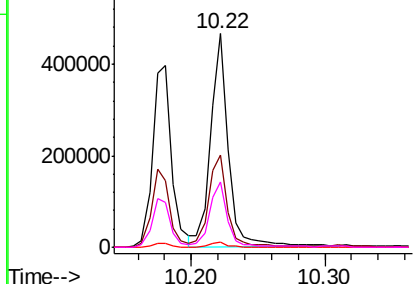
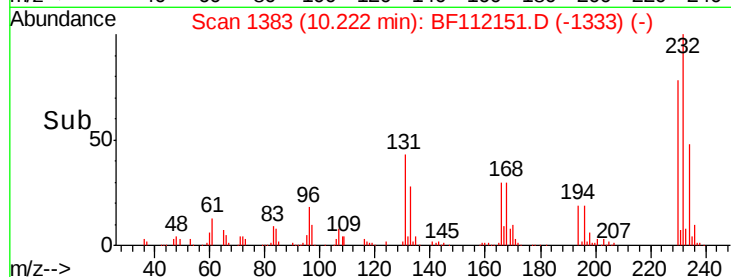
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.321 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 431679
Ion Ratio Lower Upper
232 100
131 44.6 33.9 50.9
130 2.3 1.8 2.6
166 30.7 23.6 35.4

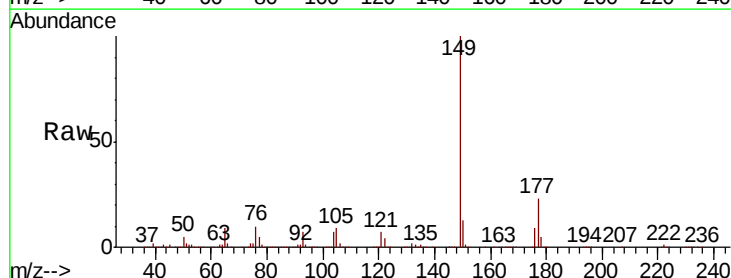


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

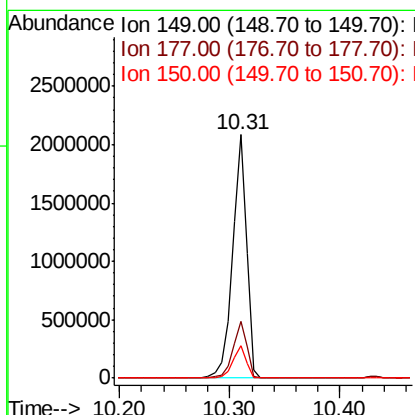
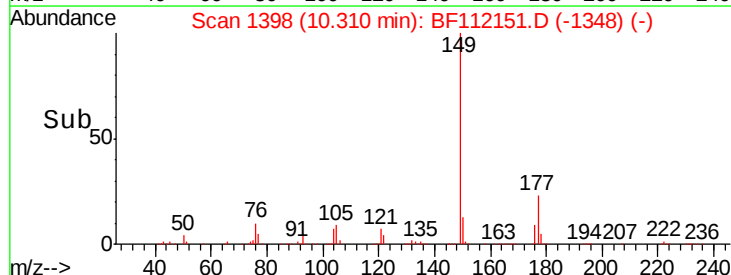


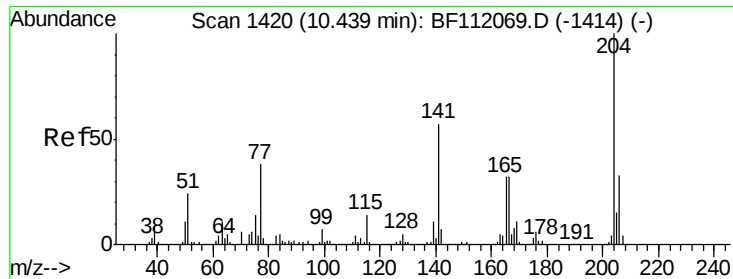
#60
Diethylphthalate
Concen: 40.612 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion:149 Resp: 1865964
Ion Ratio Lower Upper
149 100
177 23.4 18.2 27.2
150 13.4 10.4 15.6



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: 39.356 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampled :

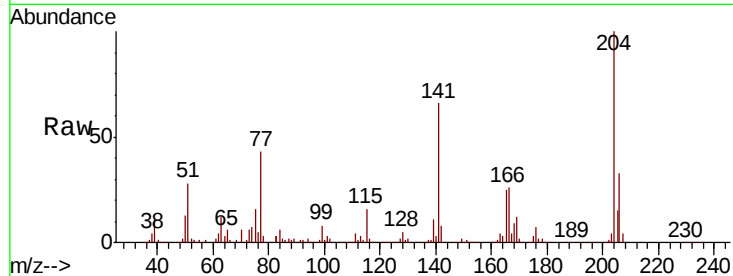
Tot Ion:204 Resp: 905080

Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

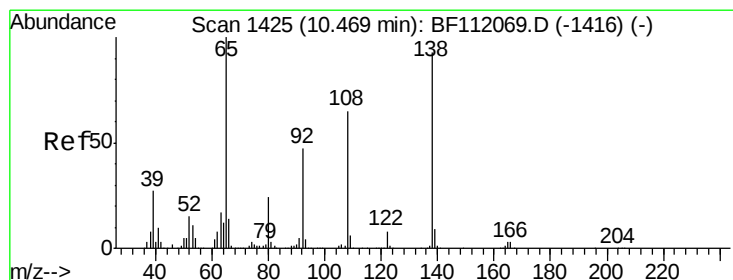
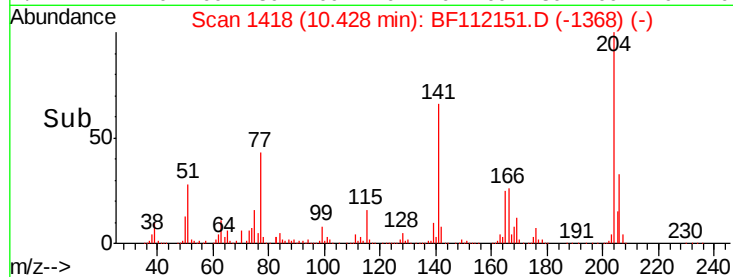
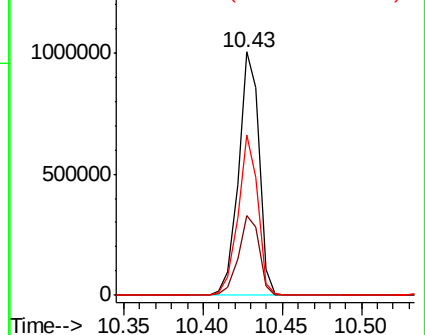
141 66.0 45.9 68.9



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: 42.757 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

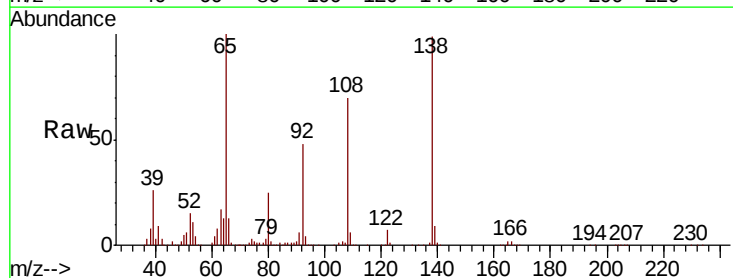
Tgt Ion:138 Resp: 446286

Ion Ratio Lower Upper

138 100

92 48.4 30.6 70.6

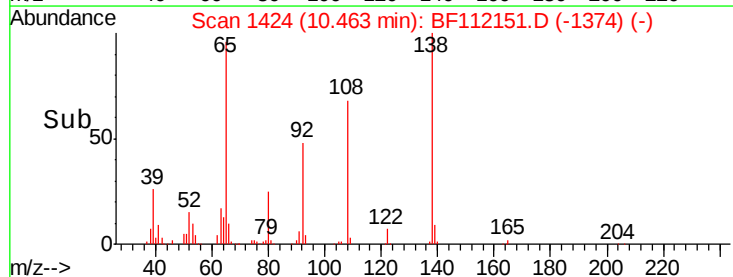
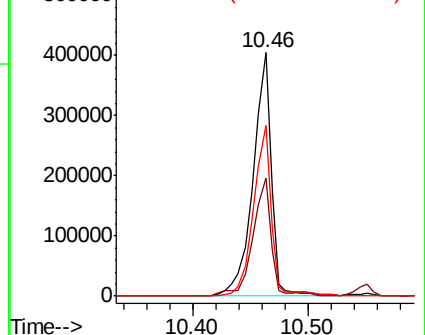
108 70.0 50.0 90.0

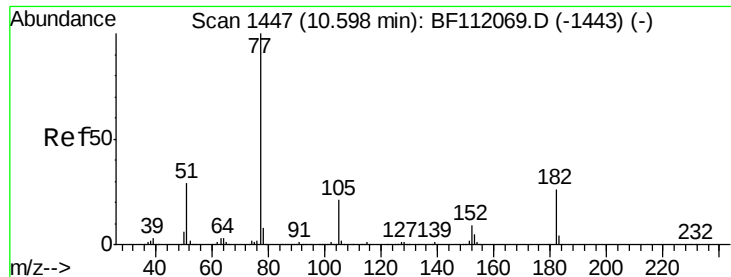


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

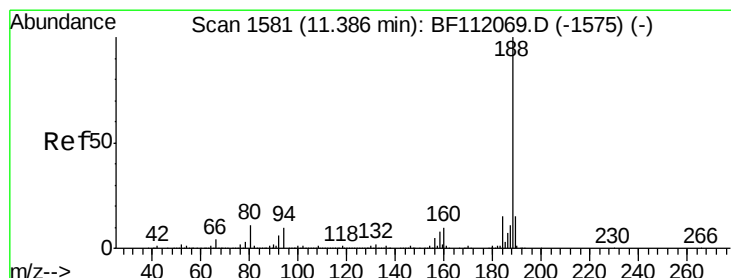
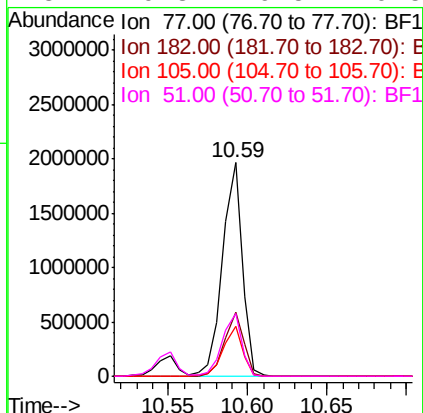
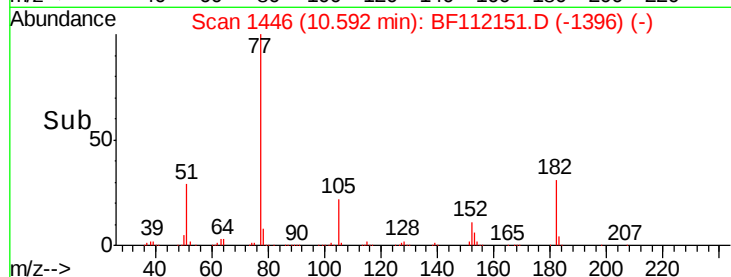
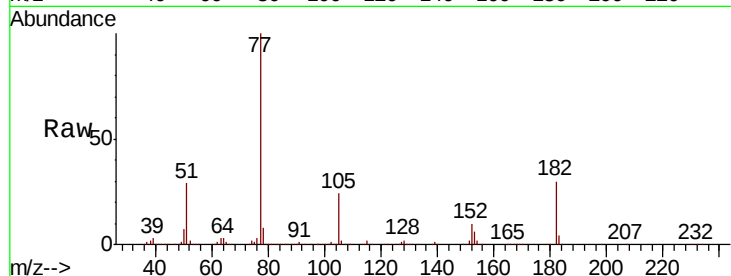




#63
Azobenzene
Concen: 38.646 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

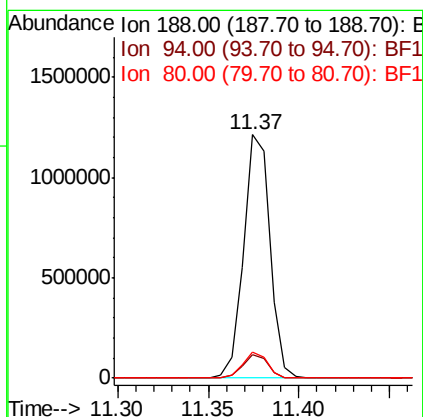
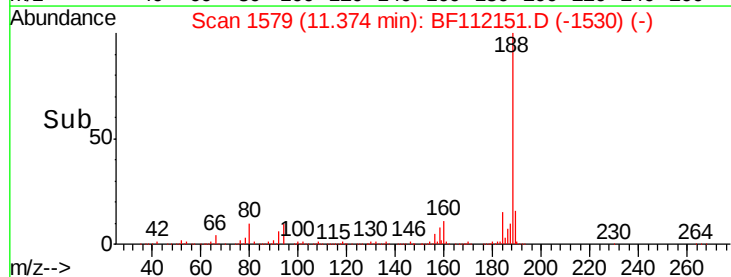
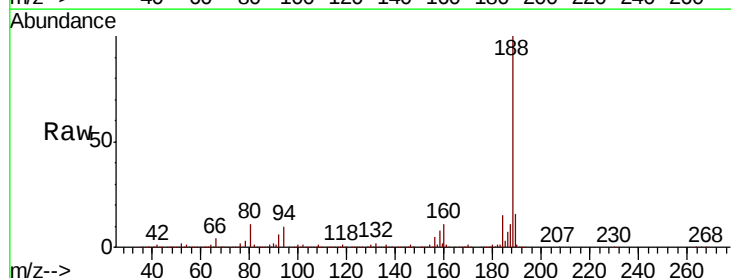
Instrument :
BNA_F
ClientSampleId :

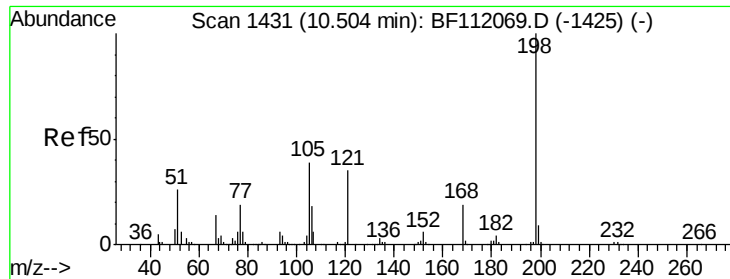
Tot Ion: 77 Resp: 1700426
Ion Ratio Lower Upper
77 100
182 30.1 5.7 45.7
105 23.6 1.4 41.4
51 29.3 9.5 49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion: 188 Resp: 1225360
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.5 8.9 13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 42.467 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

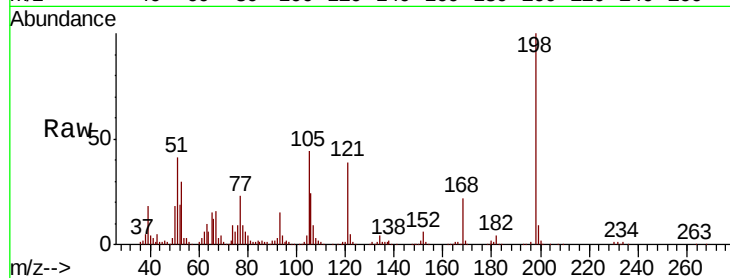
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 209527

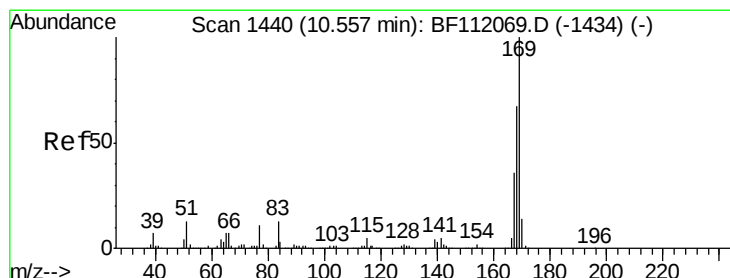
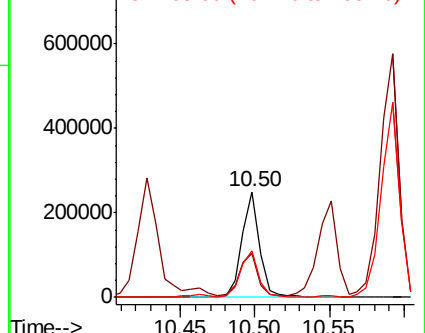
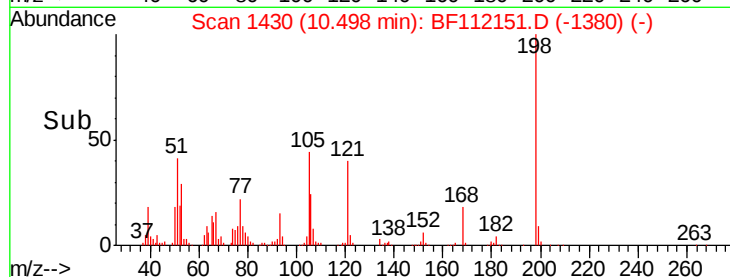
Ion	Ratio	Lower	Upper
198	100		
51	41.2	17.2	57.2
105	43.6	21.9	61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.550 ng

RT: 10.55 min Scan# 1439

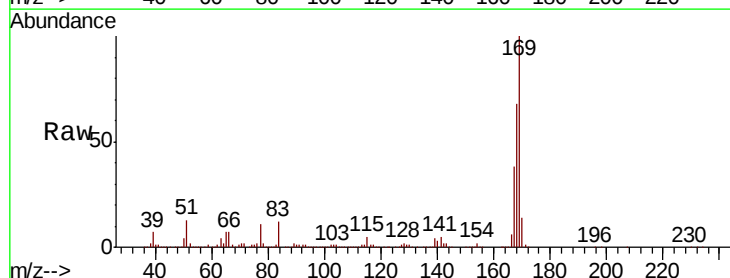
Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Tgt Ion:169 Resp: 1602145

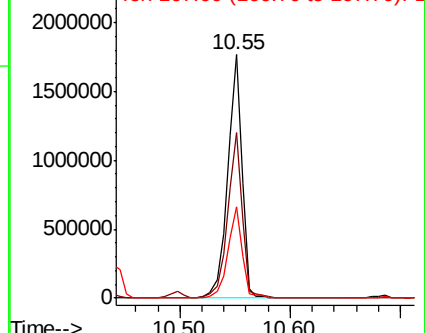
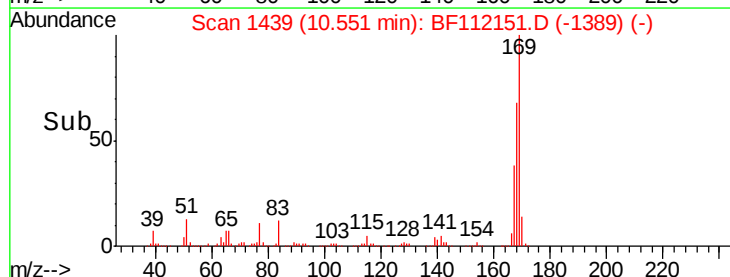
Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.9	80.9
167	37.7	28.9	43.3

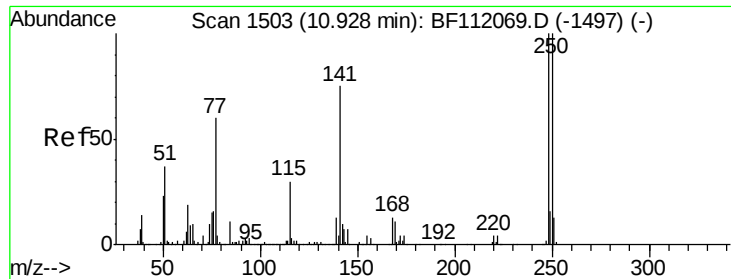


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

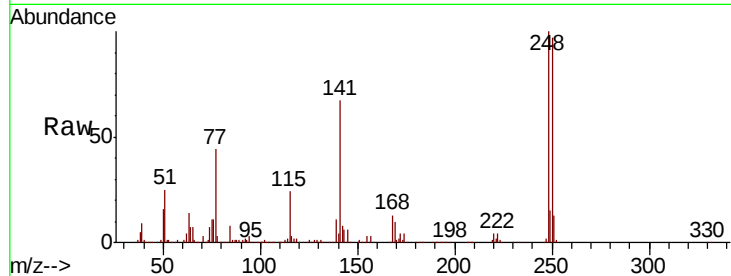




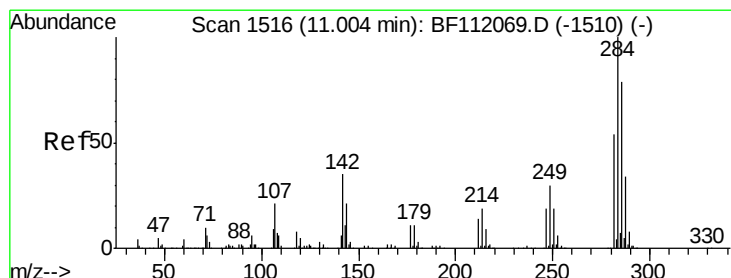
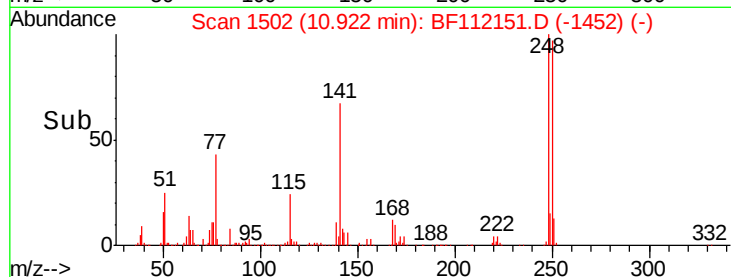
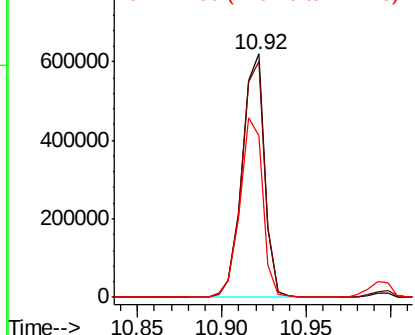
#67
4-Bromophenyl-phenylether
Concen: 40.662 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 578741
Ion Ratio Lower Upper
248 100
250 96.8 79.7 119.5
141 66.6 60.3 90.5

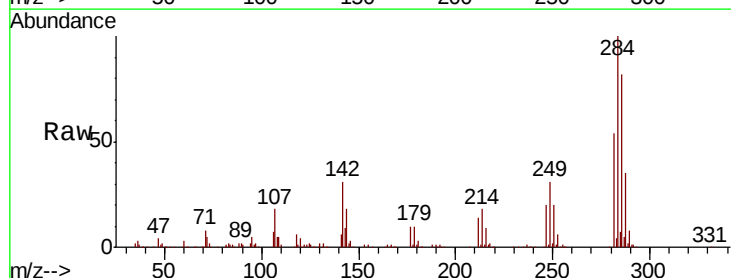


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

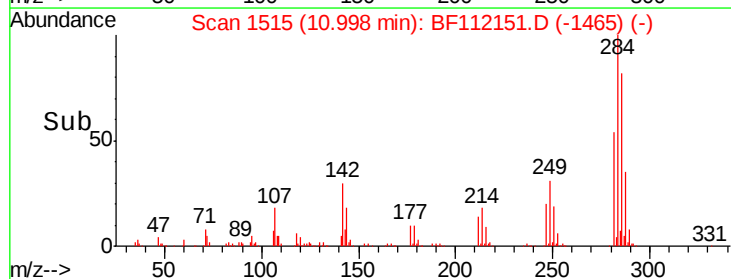
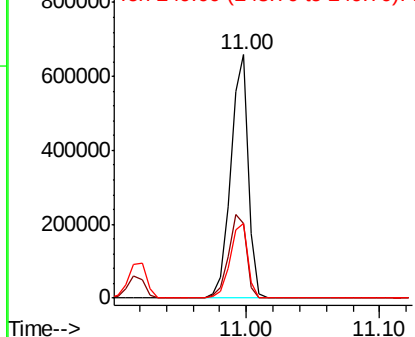


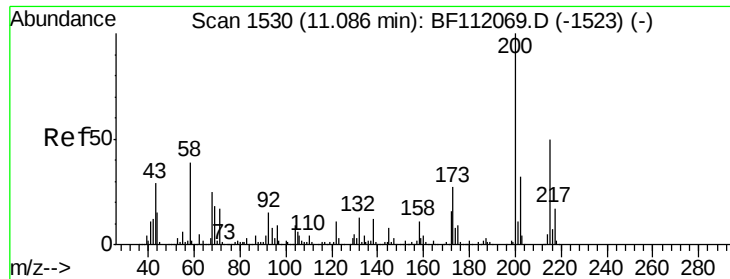
#68
Hexachlorobenzene
Concen: 39.808 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion:284 Resp: 610335
Ion Ratio Lower Upper
284 100
142 30.6 27.6 41.4
249 30.8 24.1 36.1



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: 40.765 ng

RT: 11.07 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

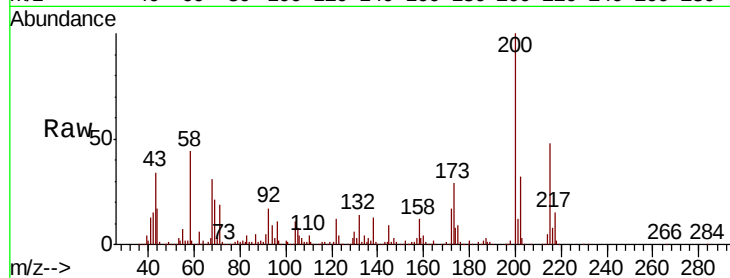
Tot Ion:200 Resp: 532880

Ion Ratio Lower Upper

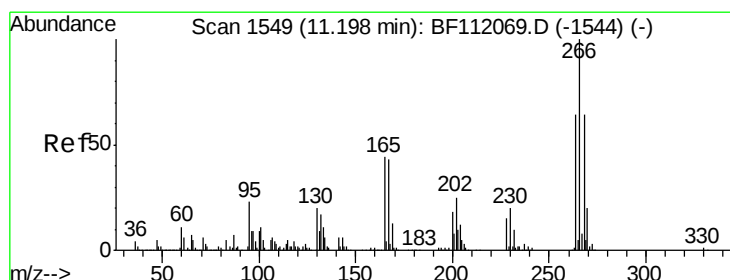
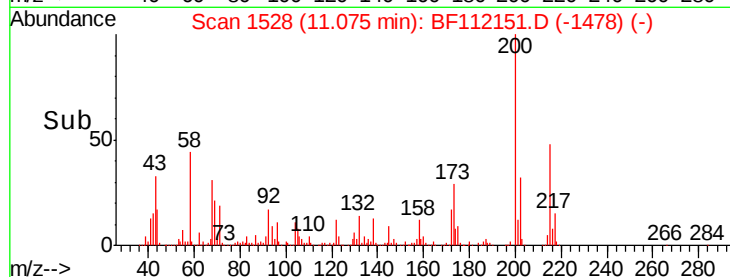
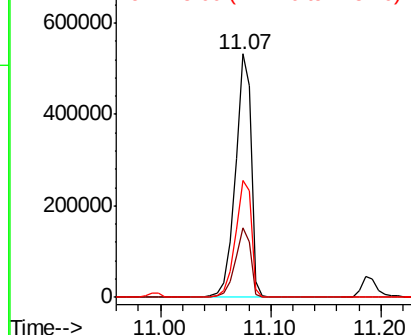
200 100

173 28.6 7.1 47.1

215 48.0 30.4 70.4



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



#70

Pentachlorophenol

Concen: 40.696 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

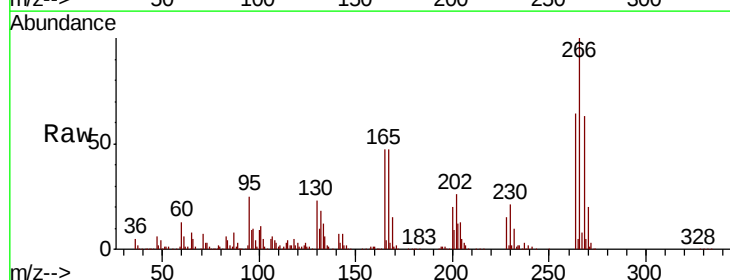
Tgt Ion:266 Resp: 276061

Ion Ratio Lower Upper

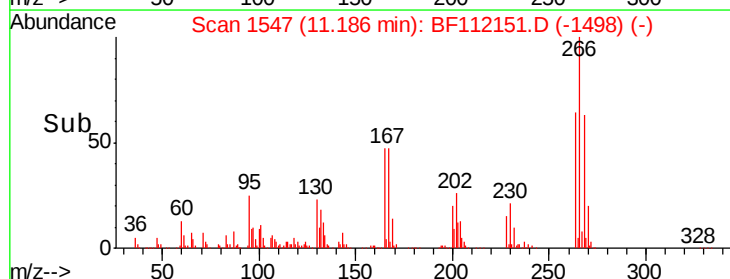
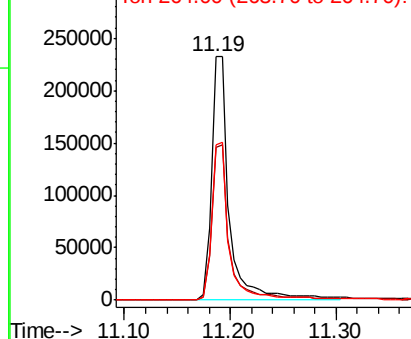
266 100

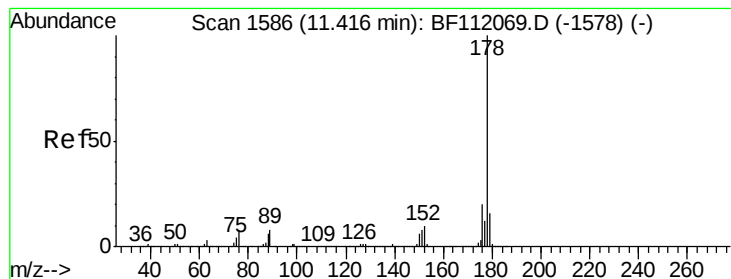
268 62.5 51.2 76.8

264 64.1 50.9 76.3



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





#71

Phenanthrene

Concen: 38.728 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

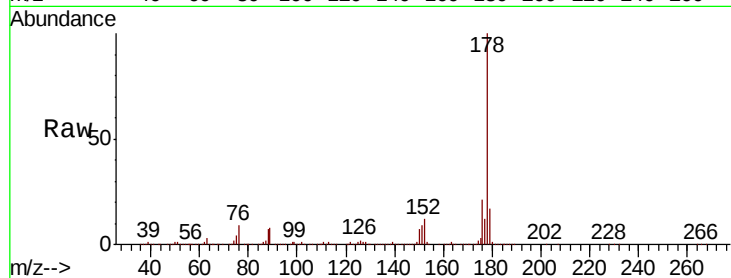
Tot Ion:178 Resp: 2388246

Ion Ratio Lower Upper

178 100

176 21.0 16.3 24.5

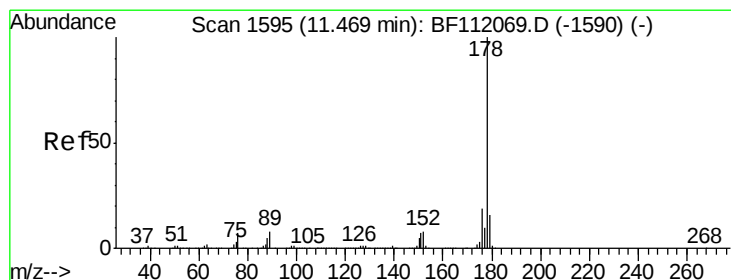
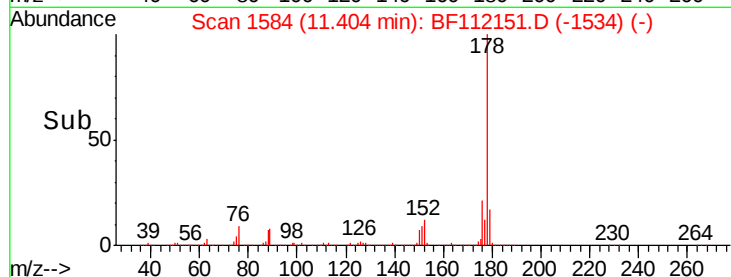
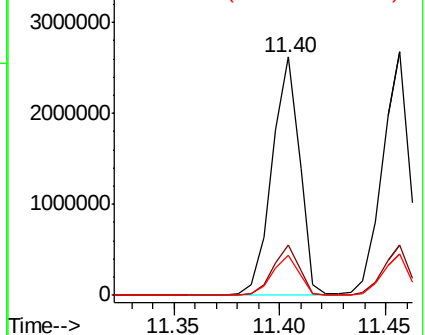
179 16.9 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.493 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

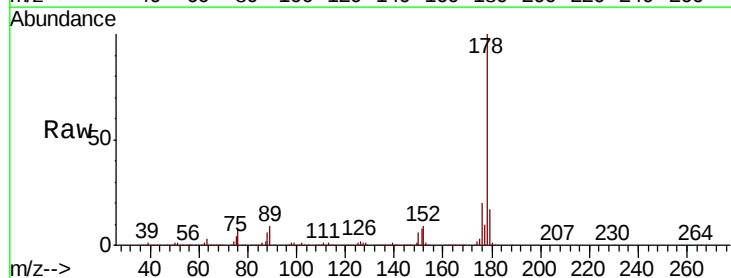
Tgt Ion:178 Resp: 2404623

Ion Ratio Lower Upper

178 100

176 20.5 15.5 23.3

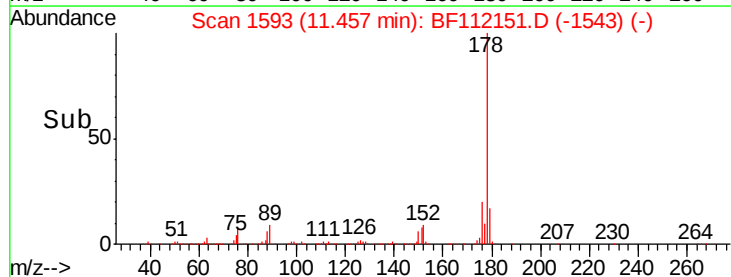
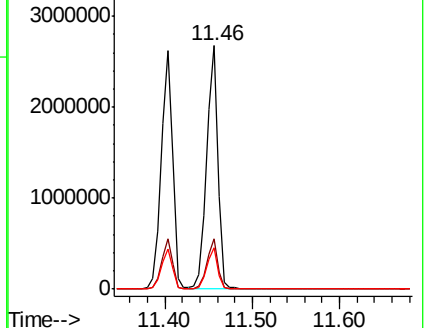
179 16.7 12.8 19.2

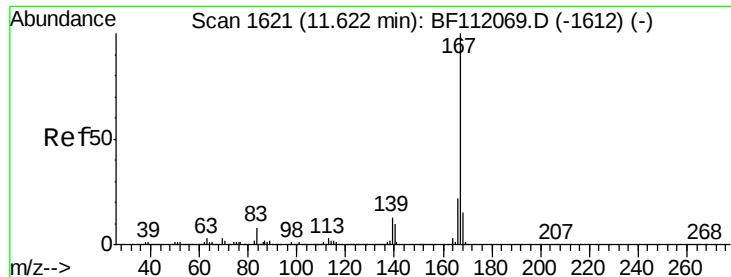


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

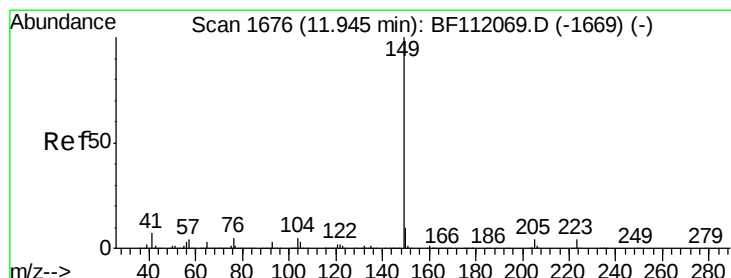
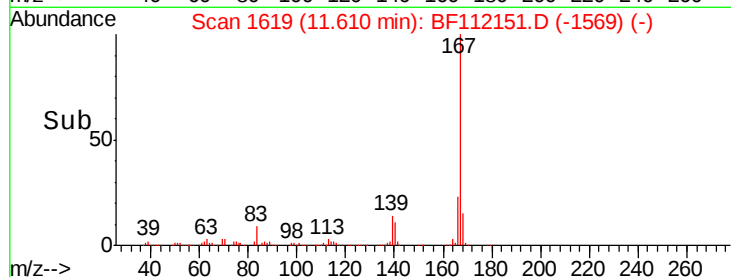
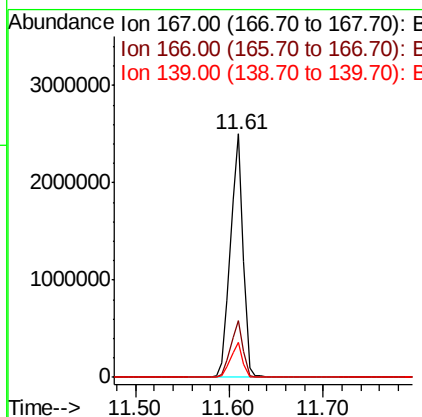
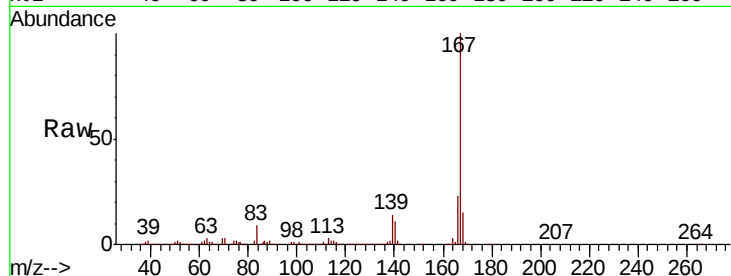




#73
 Carbazole
 Concen: 37.566 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

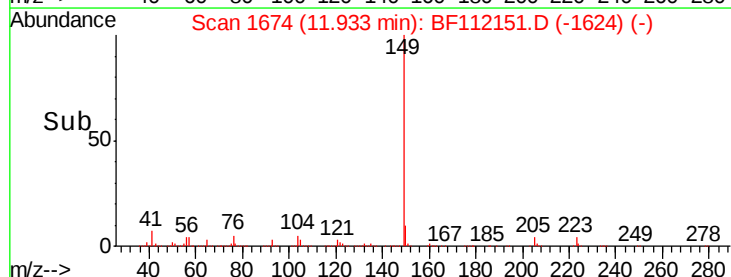
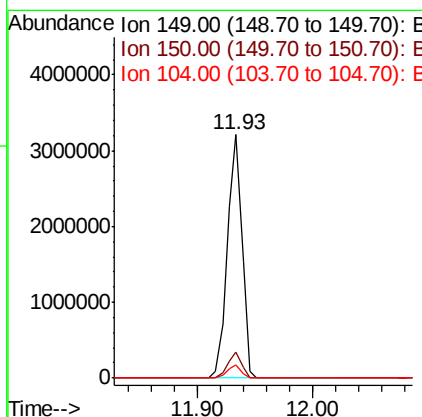
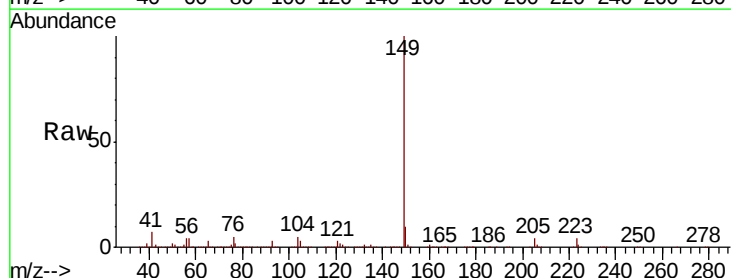
Instrument :
 BNA_F
 ClientSampleId :

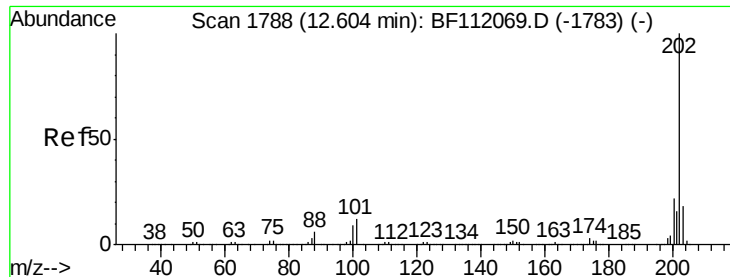
Tot Ion:167 Resp: 2350840
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.9 26.9
 139 14.3 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 39.995 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

Tgt Ion:149 Resp: 2815304
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.1 12.1
 104 5.2 3.9 5.9

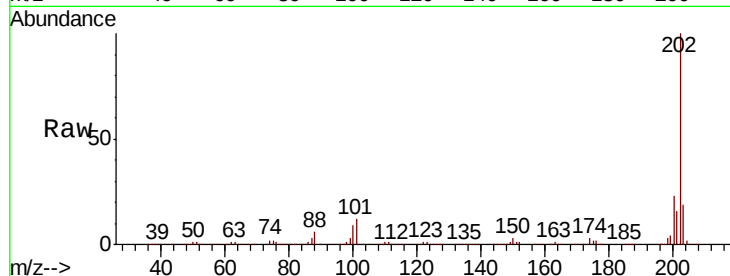




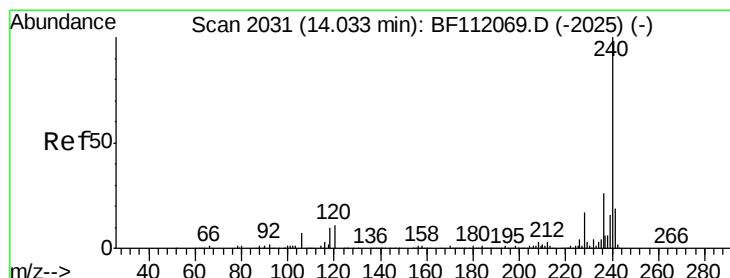
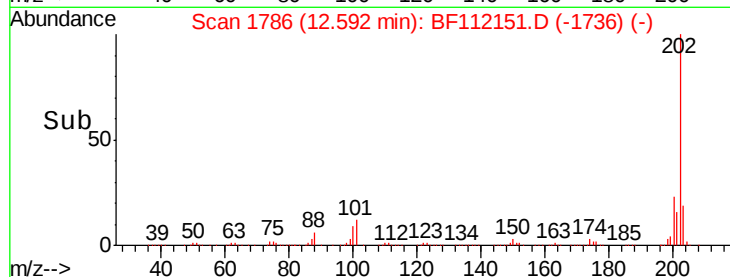
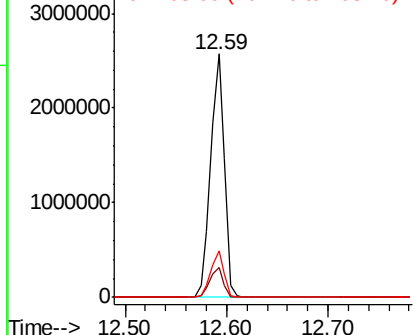
#75
 Fluoranthene
 Concen: 37.294 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2428211
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 31.8
 203 19.1 0.0 38.4

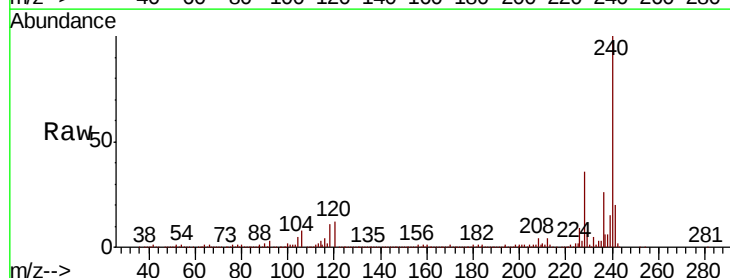


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

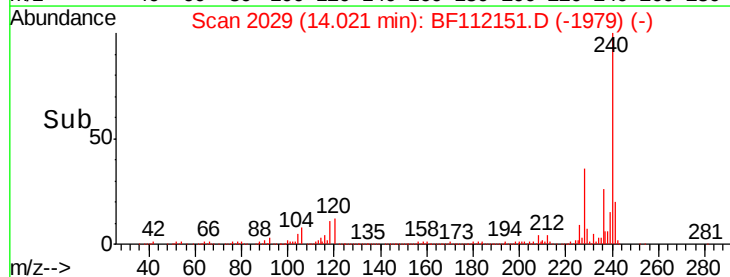
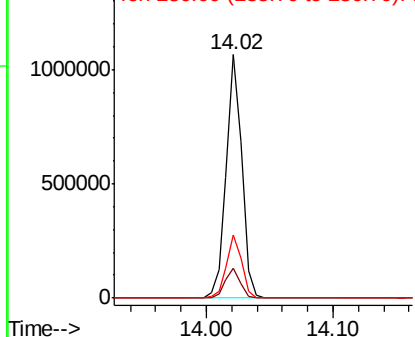


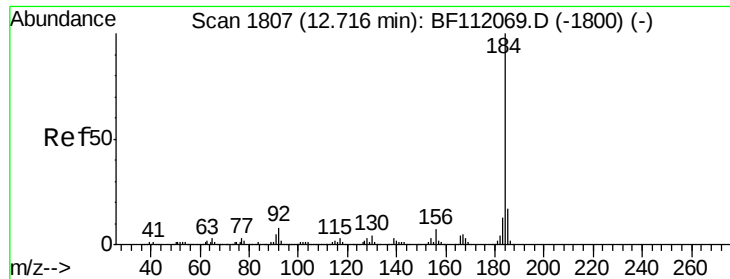
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

Tgt Ion:240 Resp: 909308
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.0 13.6
 236 25.7 20.7 31.1



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: 29.028 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

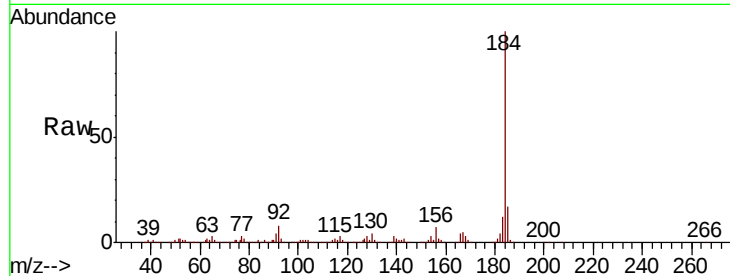
Tot Ion:184 Resp: 880690

Ion Ratio Lower Upper

184 100

185 16.6 13.9 20.9

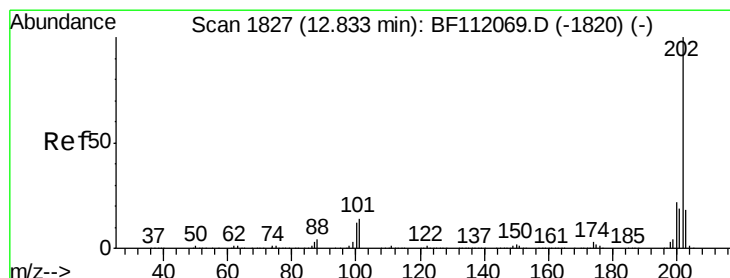
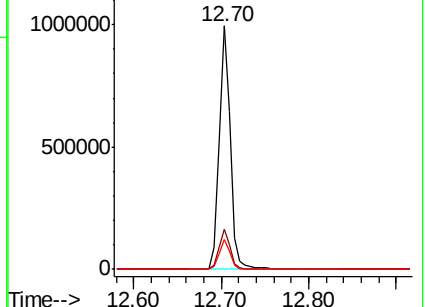
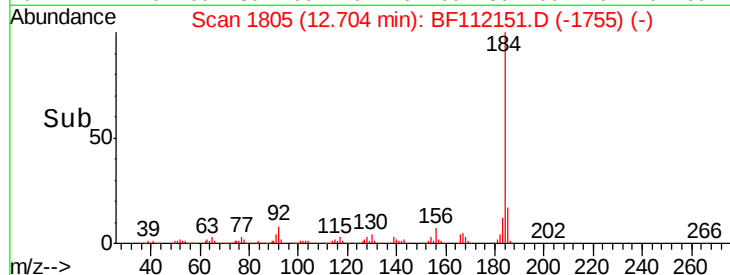
183 12.2 10.0 15.0



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: 41.400 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

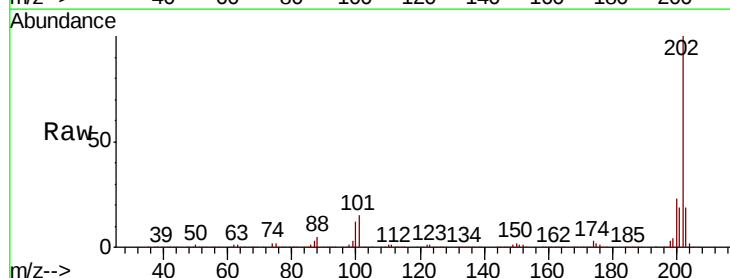
Tgt Ion:202 Resp: 2483664

Ion Ratio Lower Upper

202 100

200 23.0 17.7 26.5

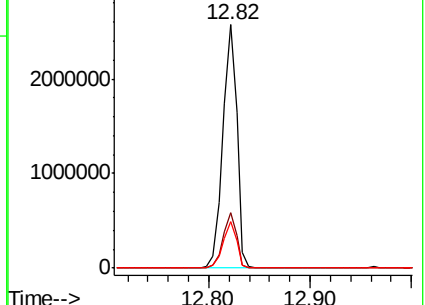
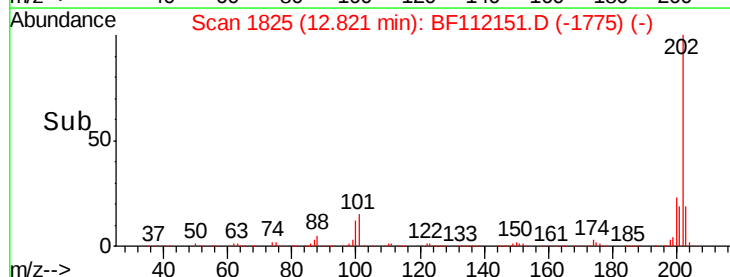
203 19.0 14.6 22.0

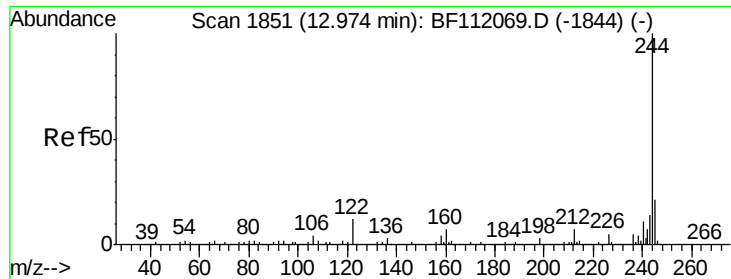


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



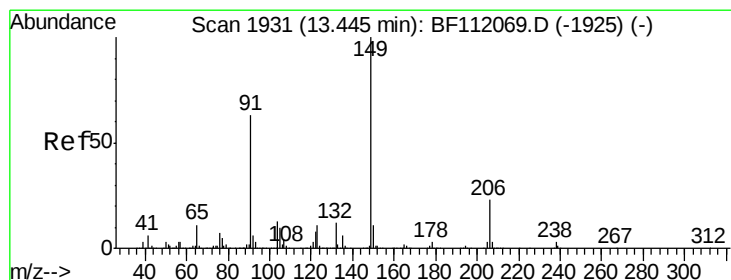
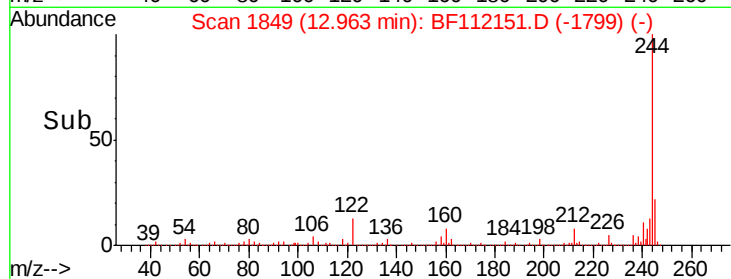
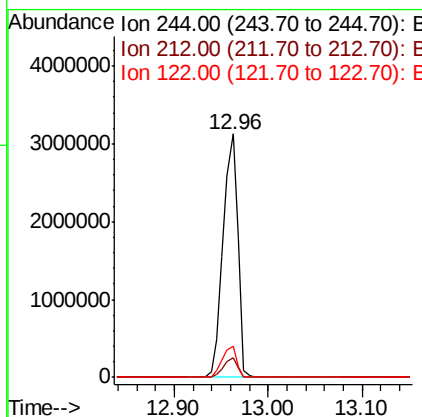
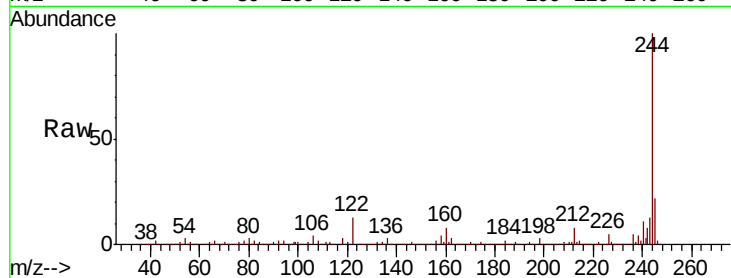


#79
 Terphenyl-d14
 Concen: 80.663 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3447807

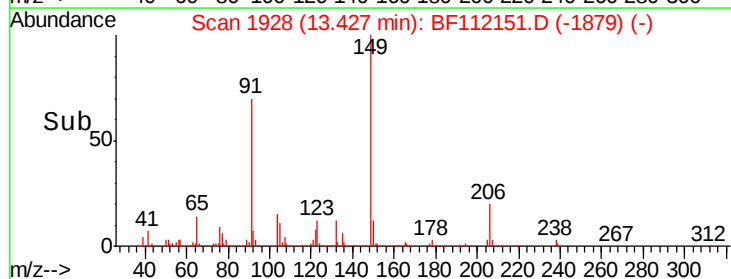
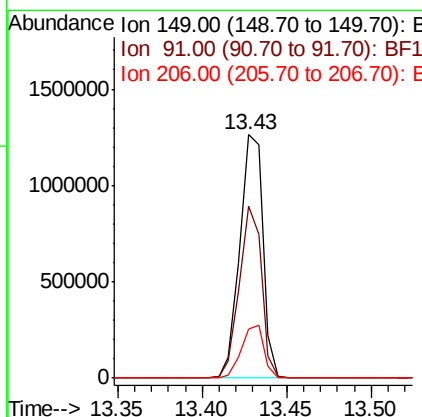
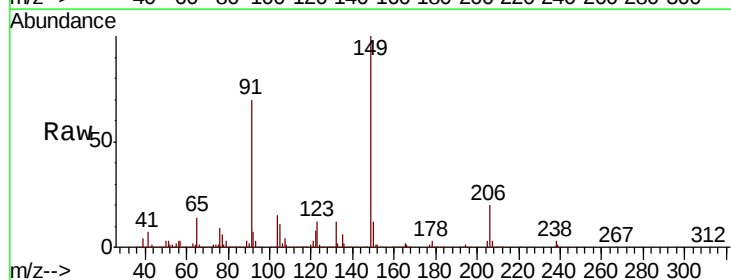
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	12.9	9.8	14.6

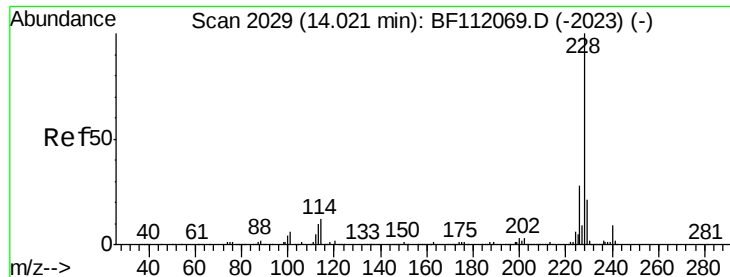


#80
 Butylbenzylphthalate
 Concen: 45.972 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF112151.D
 Acq: 21 Jan 2019 11:40

Tgt Ion:149 Resp: 1209941

Ion	Ratio	Lower	Upper
149	100		
91	70.5	50.3	75.5
206	20.4	18.2	27.4





#81

Benzo(a)anthracene

Concen: 40.109 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

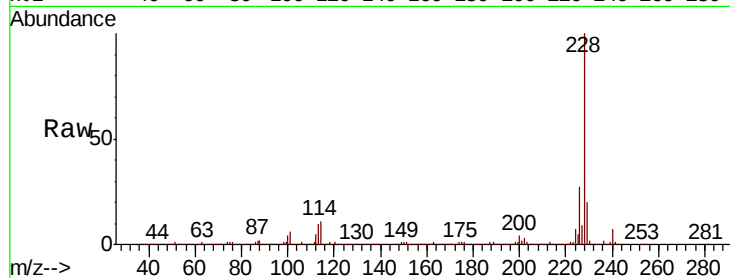
Tot Ion:228 Resp: 2091182

Ion Ratio Lower Upper

228 100

226 27.4 22.6 34.0

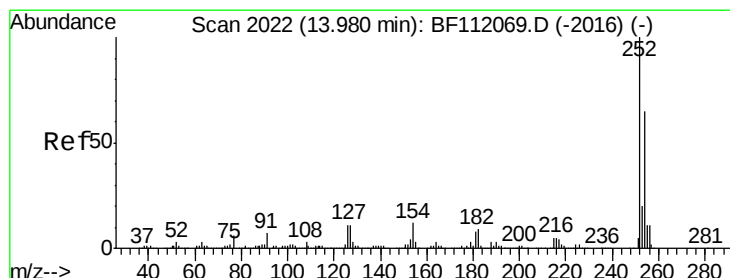
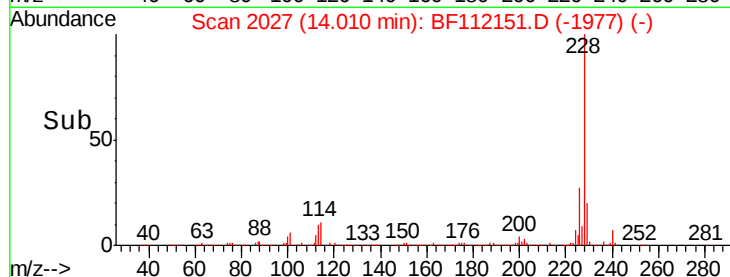
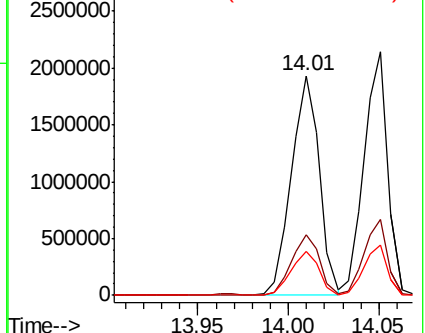
229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.531 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

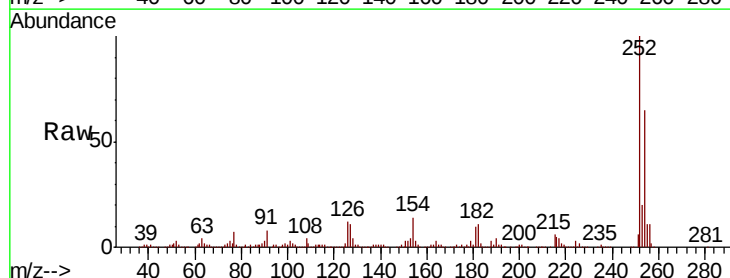
Tgt Ion:252 Resp: 810898

Ion Ratio Lower Upper

252 100

254 65.1 51.6 77.4

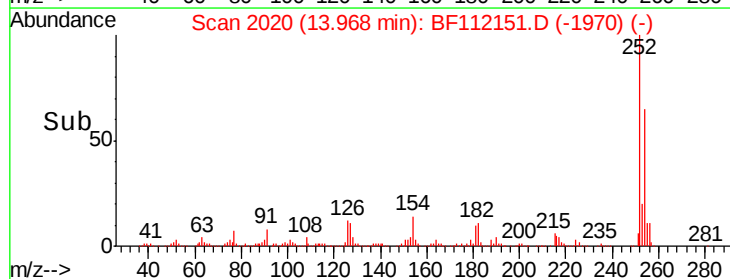
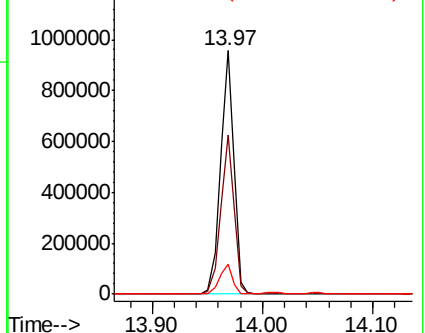
126 12.4 8.6 12.8

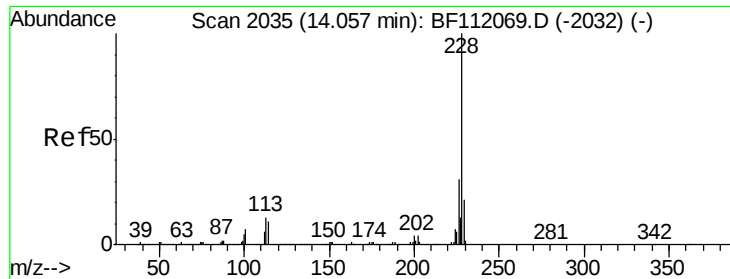


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

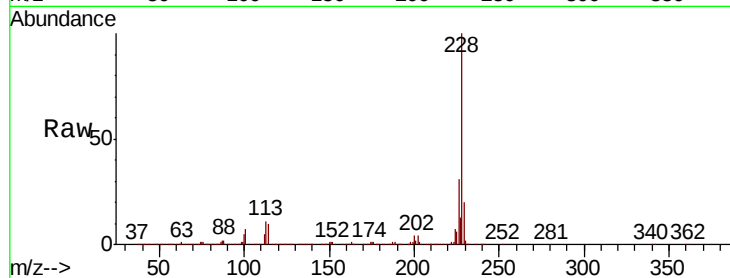




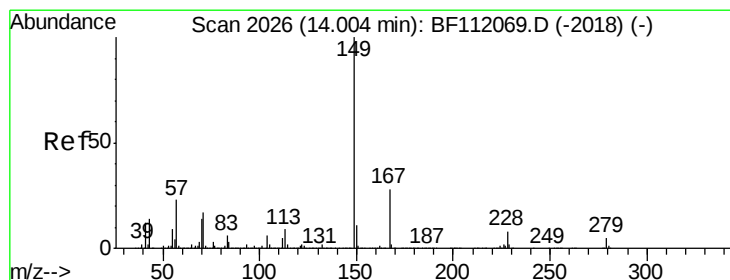
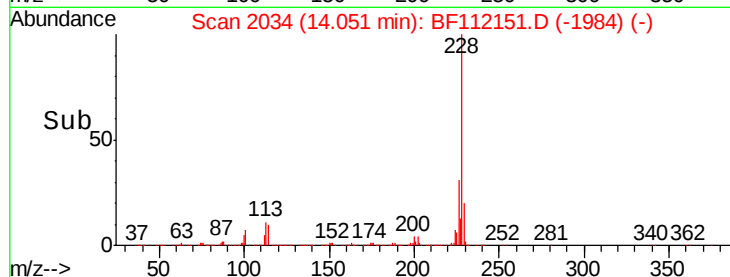
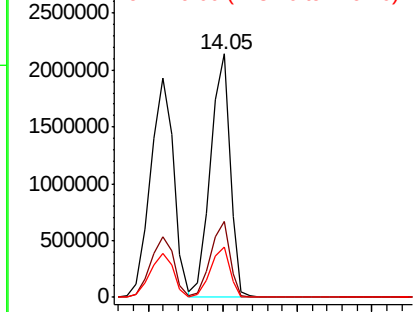
#83
Chrysene
Concen: 39.621 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1954636
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.6
229 20.4 16.6 24.8

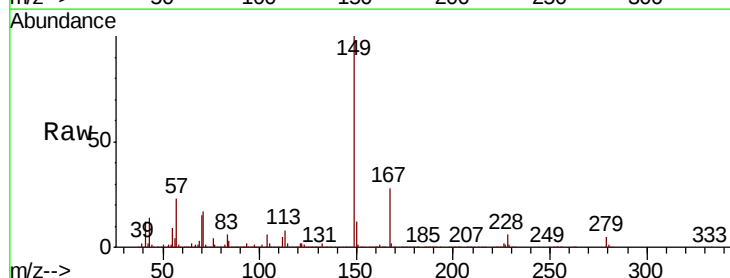


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

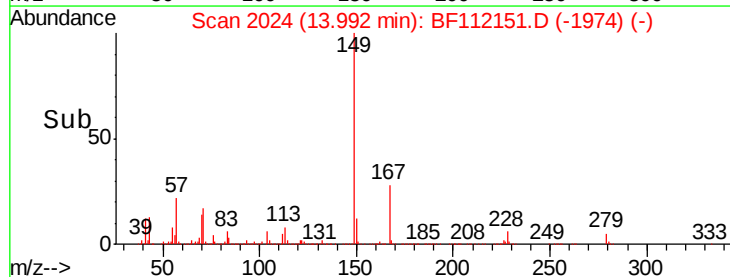
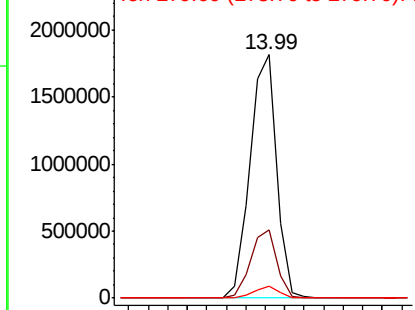


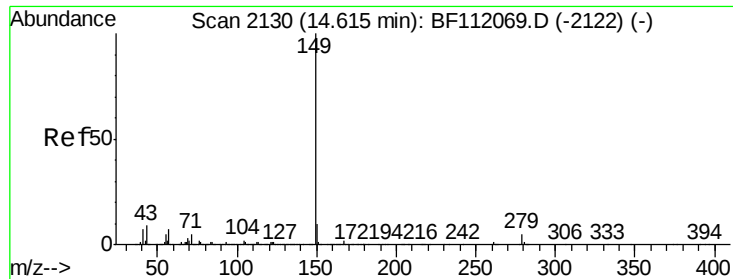
#84
Bis(2-ethylhexyl)phthalate
Concen: 45.489 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion:149 Resp: 1715812
Ion Ratio Lower Upper
149 100
167 28.2 22.5 33.7
279 4.9 3.8 5.6



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

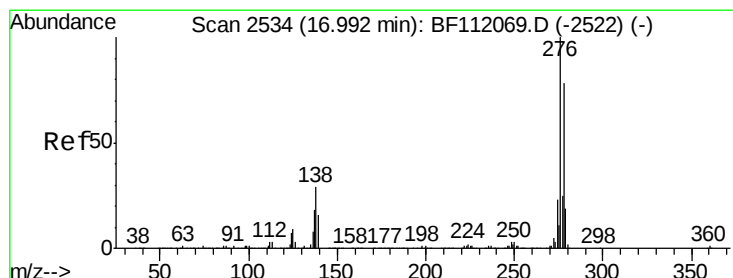
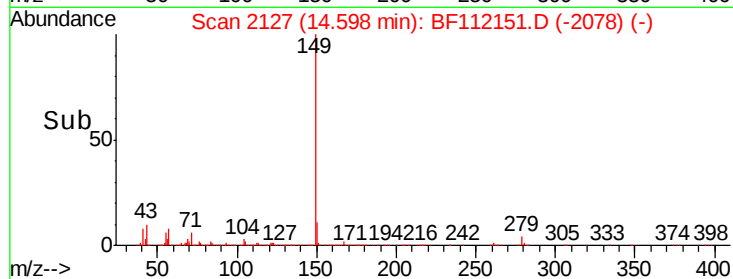
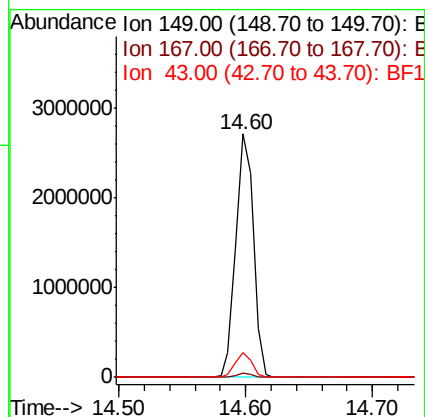
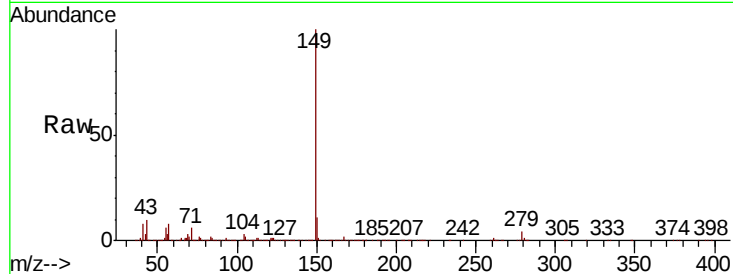




#85
Di-n-octyl phthalate
Concen: 44.409 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

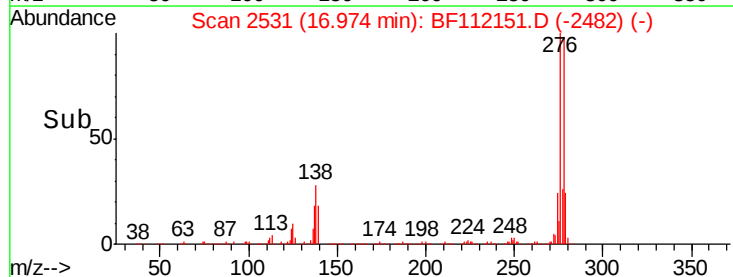
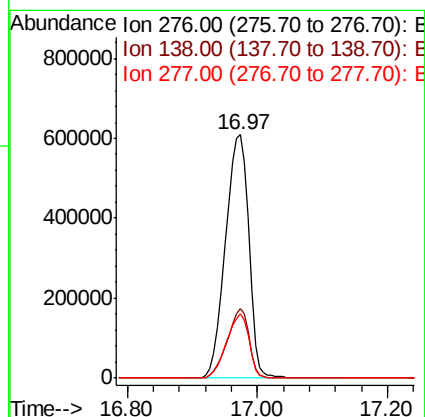
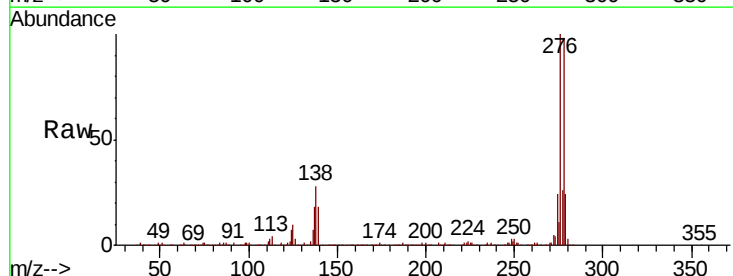
Instrument :
BNA_F
ClientSampleId :

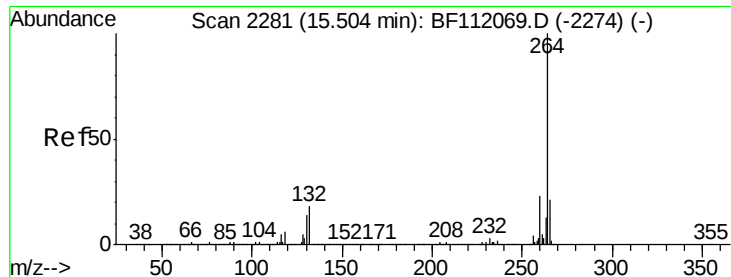
Tot Ion:149 Resp: 2580889
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.5 7.8 11.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.285 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion:276 Resp: 1514957
Ion Ratio Lower Upper
276 100
138 26.9 22.6 34.0
277 25.5 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Instrument :

BNA_F

ClientSampleId :

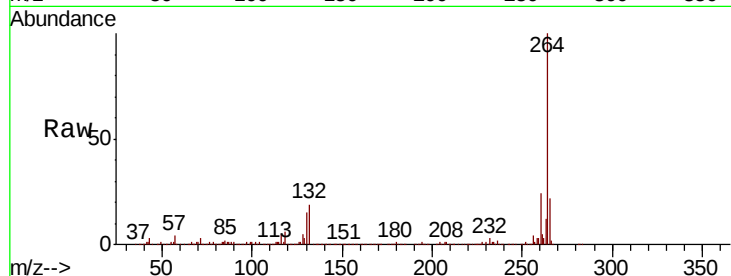
Tot Ion:264 Resp: 722722

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

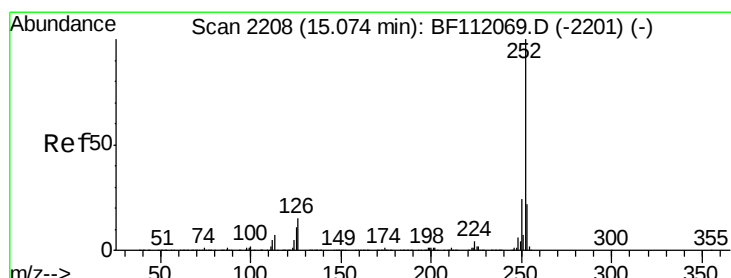
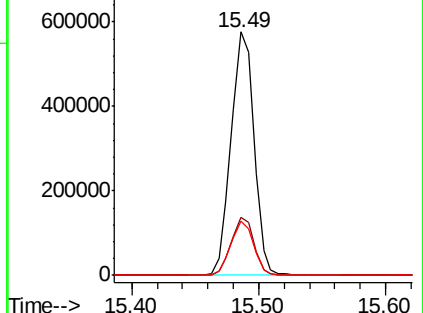
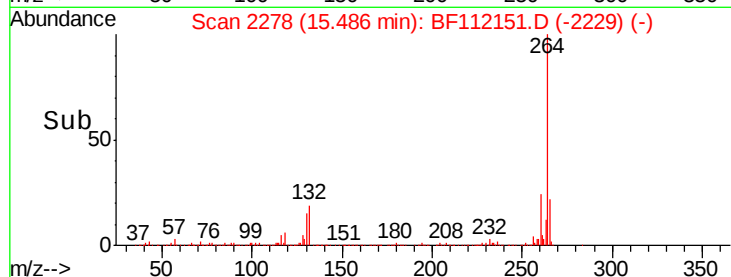
265 22.3 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.260 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

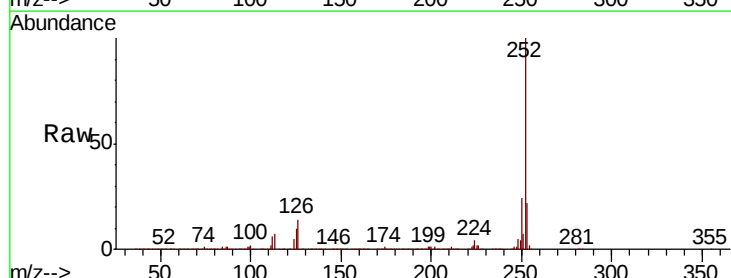
Tgt Ion:252 Resp: 1733708

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

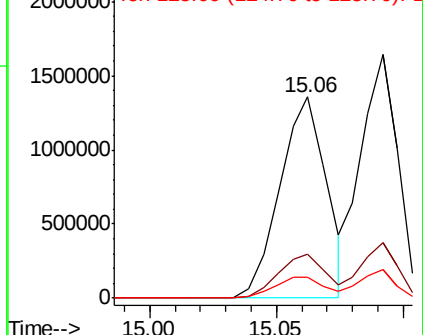
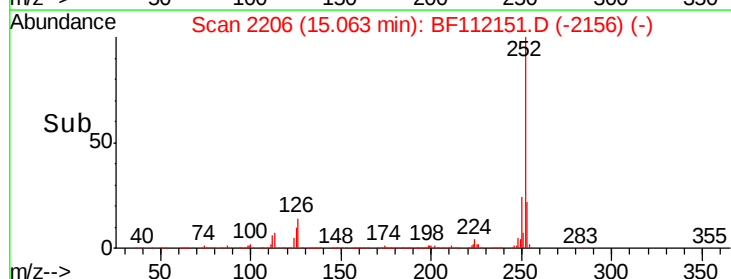
125 10.5 8.7 13.1

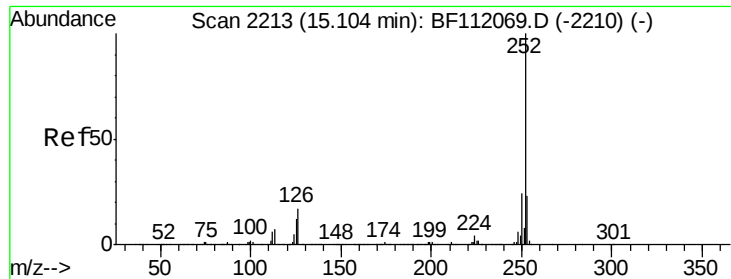


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

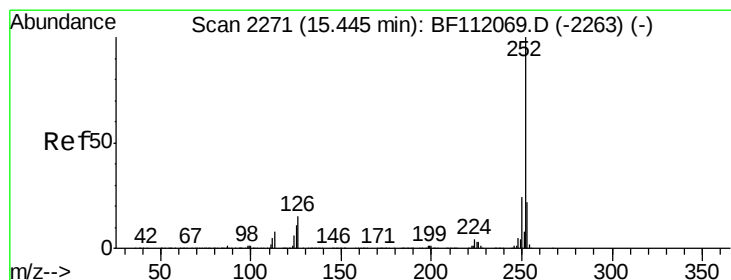
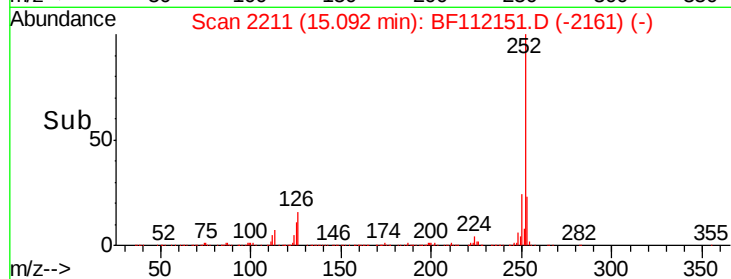
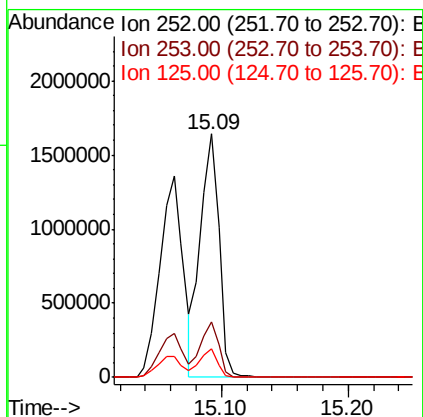
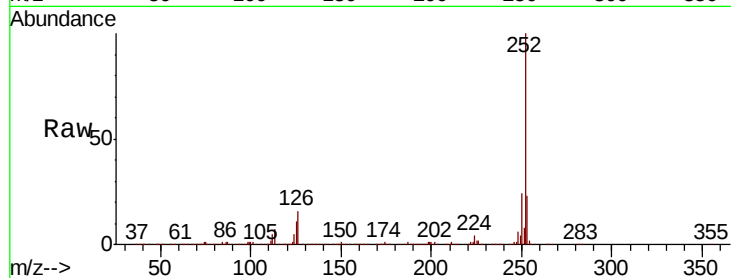




#89
Benzo(k)fluoranthene
Concen: 42.378 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

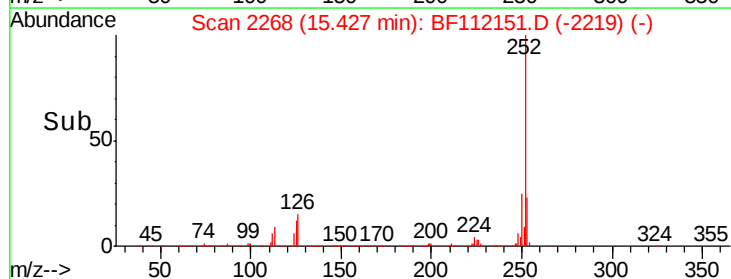
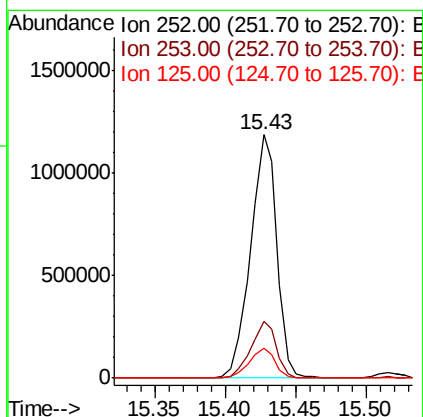
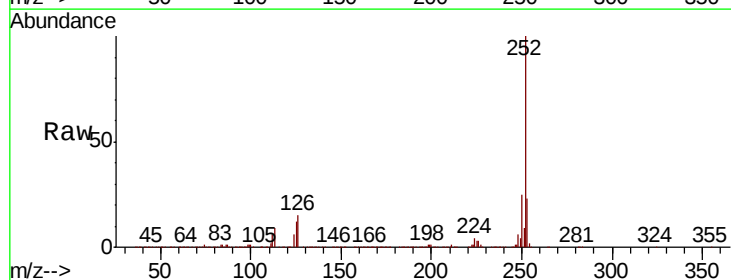
Instrument :
BNA_F
ClientSampleId :

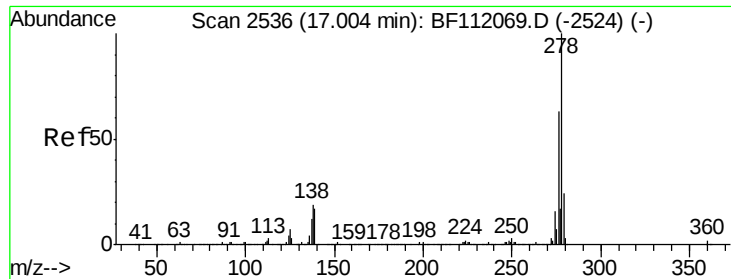
Tot Ion:252 Resp: 1682688
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 11.5 9.1 13.7



#90
Benzo(a)pyrene
Concen: 41.195 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF112151.D
Acq: 21 Jan 2019 11:40

Tgt Ion:252 Resp: 1549875
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 12.2 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 38.083 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

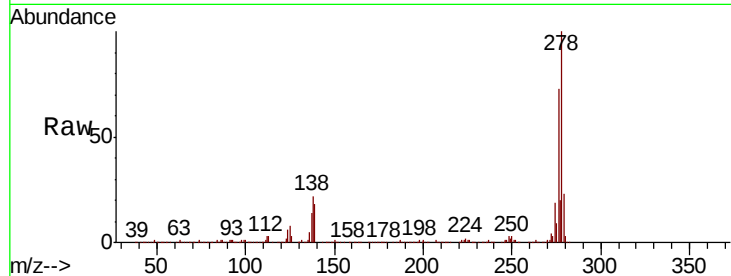
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1272567

Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.7	20.5
279	23.3	19.0	28.6

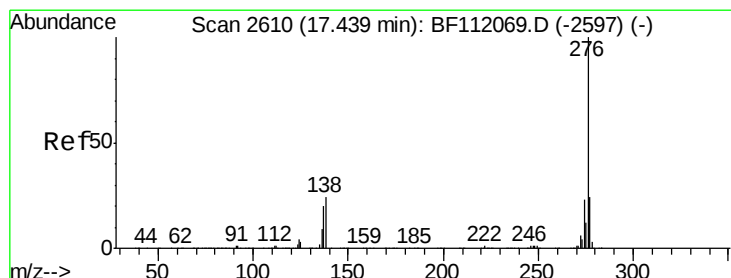
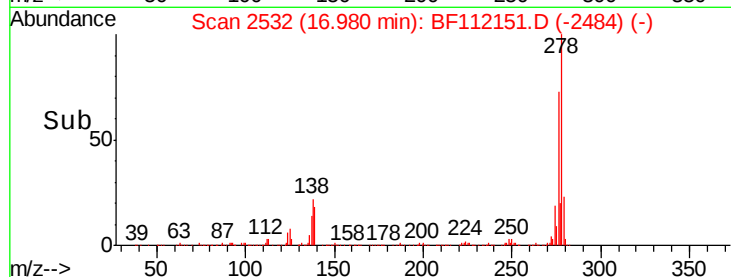
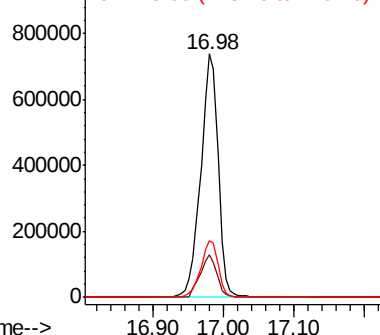


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.108 ng

RT: 17.42 min Scan# 2606

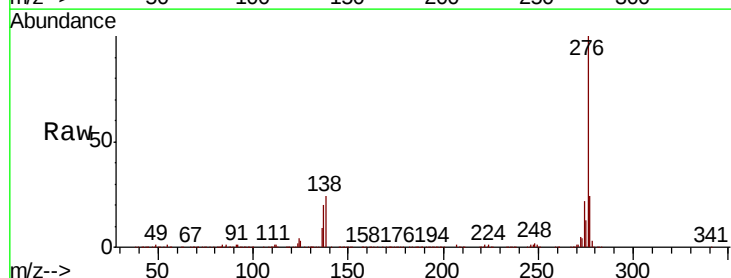
Delta R.T. -0.01 min

Lab File: BF112151.D

Acq: 21 Jan 2019 11:40

Tgt Ion:276 Resp: 1221593

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	23.6	19.1	28.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

