

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111239.D
 Acq On : 10 Dec 2018 13:45
 Operator : JU/SJ
 Sample : J6065-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 15:06:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	604821	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2203693	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1121013	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1810762	20.00	ng	0.00
76) Chrysene-d12	13.96	240	839130	20.00	ng	0.00
87) Perylene-d12	15.39	264	915277	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	4294601	112.12	ng	0.02
7) Phenol-d6	6.45	99	5600185	117.65	ng	0.01
23) Nitrobenzene-d5	7.37	82	3548815	90.32	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	1109022	111.68	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4895404	72.59	ng	0.00
79) Terphenyl-d14	12.91	244	3472575	99.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	653424	33.249	ng	99
3) Pyridine	3.33	79	1856721	35.563	ng	100
4) n-Nitrosodimethylamine	3.28	42	995533	44.722	ng	95
6) Aniline	6.47	93	1103070	17.381	ng	98
8) 2-Chlorophenol	6.59	128	1754949	40.309	ng	99
9) Benzaldehyde	6.35	77	584993	18.011	ng	98
10) Phenol	6.46	94	2381173	42.782	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	1724187	40.055	ng	95
12) 1,3-Dichlorobenzene	6.75	146	1762099	37.668	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1780370	37.692	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1668502	37.872	ng	99
15) Benzyl Alcohol	6.95	79	1522127	40.408	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3206793	39.791	ng	99
17) 2-Methylphenol	7.06	107	1513961	42.593	ng	98
18) Hexachloroethane	7.32	117	875110	48.661	ng	92
19) n-Nitroso-di-n-propylamine	7.22	70	1297725	40.698	ng	96
20) 3+4-Methylphenols	7.21	107	1696112	40.117	ng	95
22) Acetophenone	7.21	105	2296676	45.549	ng	# 99
24) Nitrobenzene	7.39	77	1852541	45.303	ng	94
25) Isophorone	7.63	82	3460576	51.713	ng	# 99
26) 2-Nitrophenol	7.70	139	949928	46.756	ng	94
27) 2,4-Dimethylphenol	7.74	122	1584561	50.472	ng	97
28) bis(2-Chloroethoxy)methane	7.83	93	2175563	46.948	ng	99
29) 2,4-Dichlorophenol	7.95	162	1458780	45.443	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1381718	43.696	ng	98
31) Naphthalene	8.11	128	4874729	50.684	ng	96
32) Benzoic acid	7.80	122	63899	2.461	ng	95
33) 4-Chloroaniline	8.15	127	565085	12.233	ng	97
34) Hexachlorobutadiene	8.23	225	730351	41.843	ng	99
35) Caprolactam	8.53	113	335861	29.525	ng	# 87
36) 4-Chloro-3-methylphenol	8.64	107	1580120	48.075	ng	99
37) 2-Methylnaphthalene	8.80	142	3122771	48.905	ng	97
38) 1-Methylnaphthalene	8.90	142	3012887	48.181	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1158664	37.145	ng	99

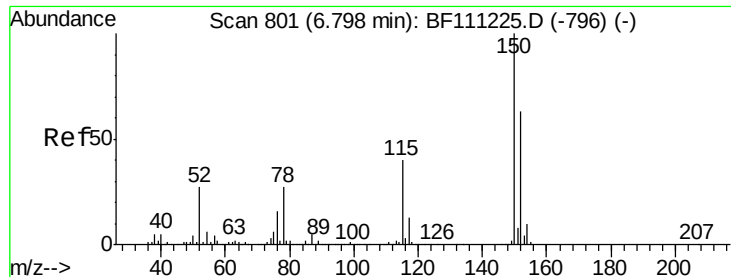
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111239.D
 Acq On : 10 Dec 2018 13:45
 Operator : JU/SJ
 Sample : J6065-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 10 15:06:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1011738	56.954	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	950833	40.609	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	1018141	41.743	nq	95
46) 1,1'-Biphenyl	9.26	154	3438021	37.095	nq	99
47) 2-Chloronaphthalene	9.29	162	2819754	38.442	nq	98
48) 2-Nitroaniline	9.38	65	1045239	41.773	nq	91
49) Acenaphthylene	9.70	152	4231653	39.739	nq	99
50) Dimethylphthalate	9.57	163	3627630	43.857	nq	98
51) 2,6-Dinitrotoluene	9.62	165	783598	42.898	nq #	85
52) Acenaphthene	9.87	154	2627383	39.318	nq	99
53) 3-Nitroaniline	9.79	138	510138	22.626	nq	98
54) 2,4-Dinitrophenol	9.89	184	185137	25.648	nq #	61
55) Dibenzofuran	10.05	168	3700303	40.703	nq	97
56) 4-Nitrophenol	9.96	139	1321206	75.239	nq	96
57) 2,4-Dinitrotoluene	10.03	165	1049219	46.593	nq	96
58) Fluorene	10.39	166	2721114	38.680	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	805435	43.565	nq	100
60) Diethylphthalate	10.27	149	3157668	40.043	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	1257040	35.988	nq	97
62) 4-Nitroaniline	10.40	138	839162	39.335	nq	99
63) Azobenzene	10.54	77	3154232	38.527	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	382849	35.967	nq	87
66) n-Nitrosodiphenylamine	10.50	169	2620253	42.509	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	812472	40.966	nq	97
68) Hexachlorobenzene	10.94	284	822658	40.775	nq	96
69) Atrazine	11.03	200	829804	44.270	nq	99
70) Pentachlorophenol	11.13	266	956264	65.337	nq	96
71) Phenanthrene	11.35	178	3757417	41.140	nq	100
72) Anthracene	11.40	178	3828044	40.062	nq	99
73) Carbazole	11.55	167	3615778	36.189	nq	99
74) Di-n-butylphthalate	11.89	149	4275091	41.628	nq	99
75) Fluoranthene	12.53	202	3419662	40.987	nq	97
77) Benzidine	12.65	184	429935	17.256	nq	97
78) Pyrene	12.76	202	3363265	56.087	nq	100
80) Butylbenzylphthalate	13.39	149	1489462	47.555	nq	95
81) Benzo(a)anthracene	13.94	228	2180433	46.576	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	410572	21.397	nq	98
83) Chrysene	13.99	228	2189048	45.357	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1662359	44.666	nq	100
85) Di-n-octyl phthalate	14.56	149	2803719	44.945	nq	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	2861056	73.439	nq	98
88) Benzo(b)fluoranthene	14.99	252	2286210	45.167	nq	98
89) Benzo(k)fluoranthene	15.01	252	1946655	40.905	nq	98
90) Benzo(a)pyrene	15.34	252	2240043	48.057	nq	98
91) Dibenzo(a,h)anthracene	16.83	278	2298420	62.780	nq	98
92) Benzo(g,h,i)perylene	17.24	276	2424066	66.143	nq	97

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

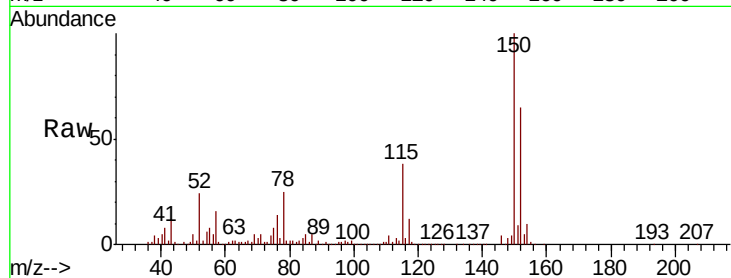


#1

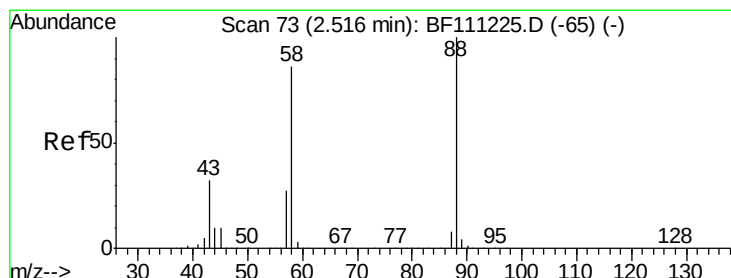
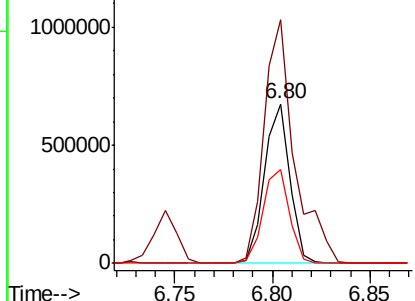
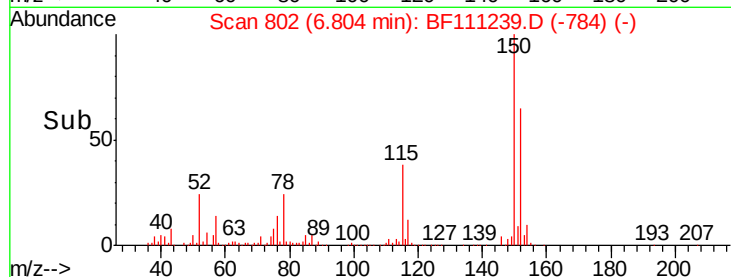
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	58.7	50.7	76.1



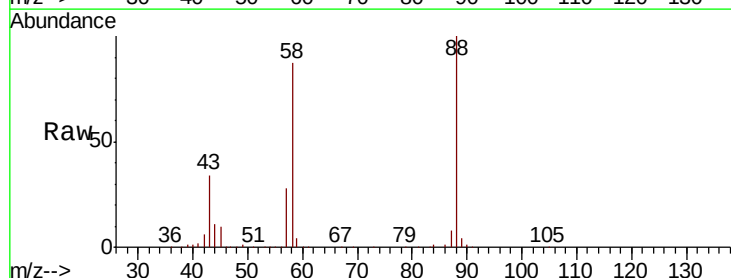
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



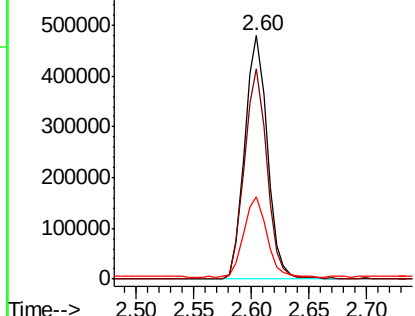
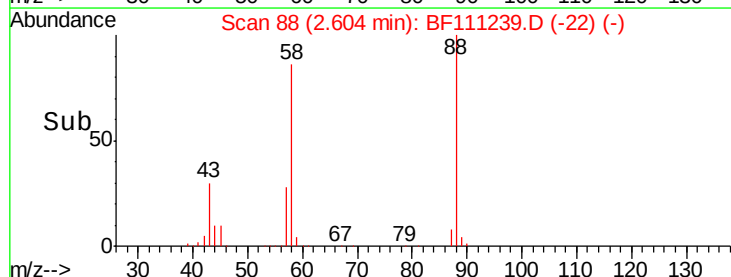
#2

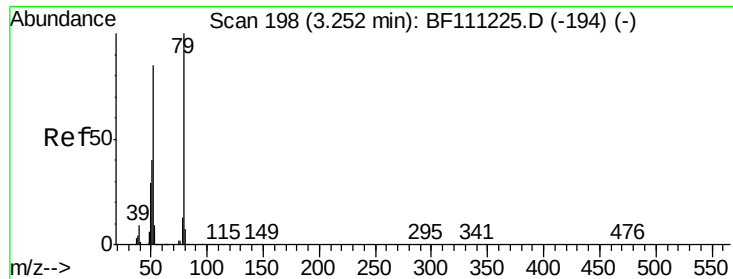
1,4-Dioxane
Concen: 33.249 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.09 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.8	68.9	103.3
43	33.3	25.8	38.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

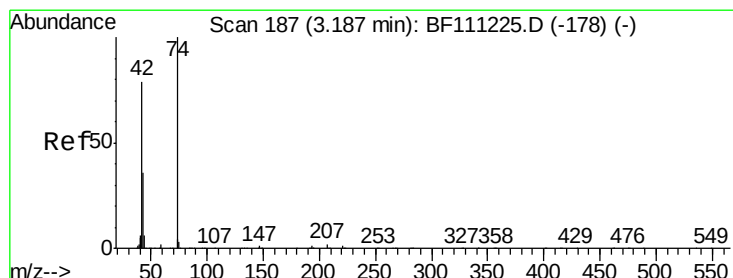
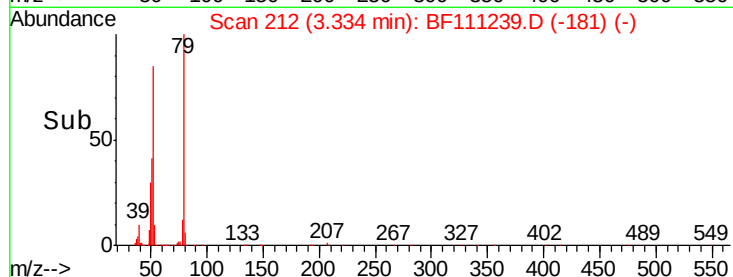
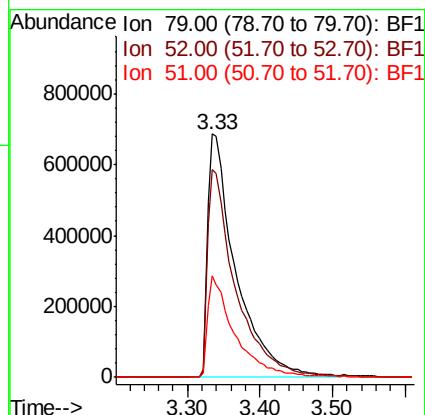
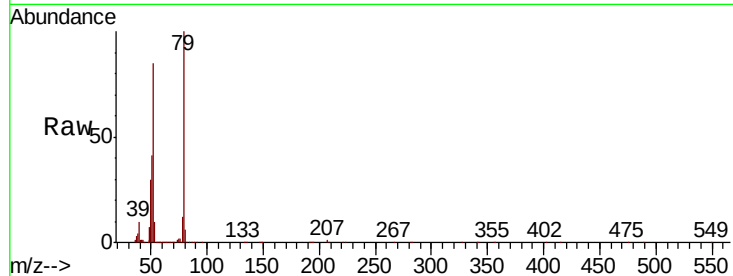




#3
 Pvridine
 Concen: 35.563 ng
 RT: 3.33 min Scan# 212
 Delta R.T. 0.08 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

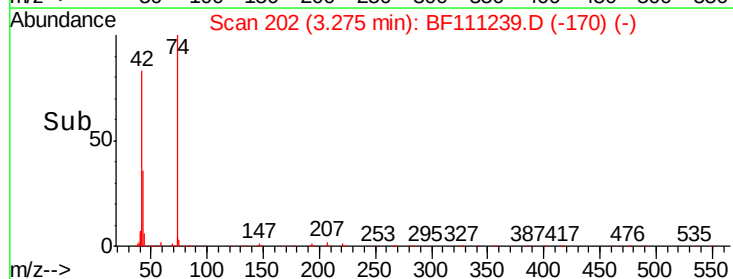
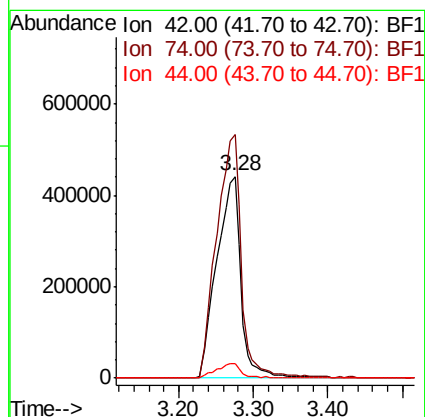
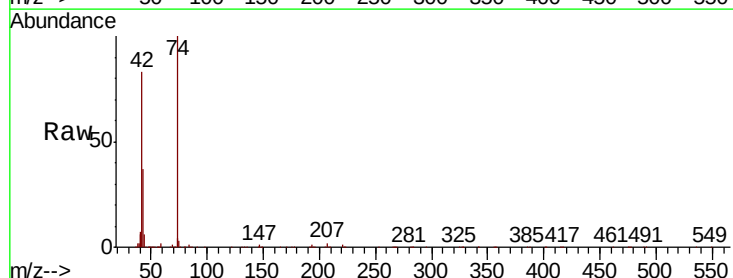
Instrument :
 BNA_F
 ClientSampleId :

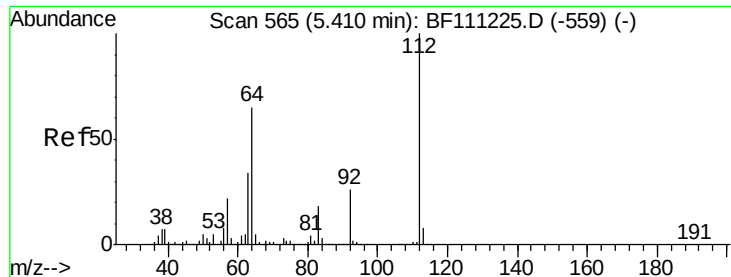
Tot Ion: 79 Resp: 1856721
 Ion Ratio Lower Upper
 79 100
 52 85.3 68.3 102.5
 51 41.5 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 44.722 ng
 RT: 3.28 min Scan# 202
 Delta R.T. 0.09 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion: 42 Resp: 995533
 Ion Ratio Lower Upper
 42 100
 74 120.8 101.5 152.3
 44 7.1 6.0 9.0





#5

2-Fluorophenol

Concen: 112.124 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

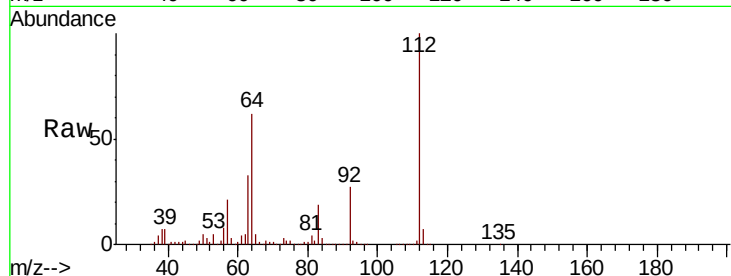
Tot Ion:112 Resp: 4294601

Ion Ratio Lower Upper

112 100

64 61.9 51.8 77.6

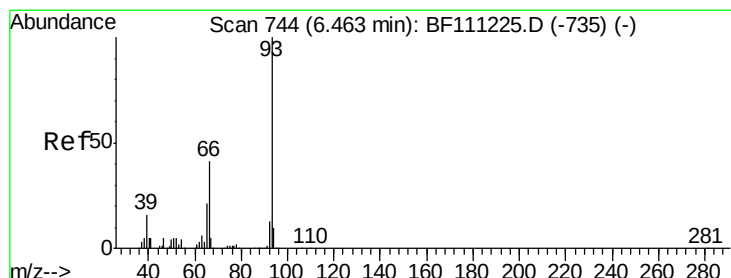
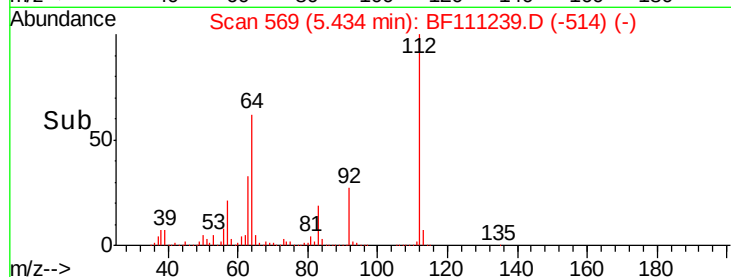
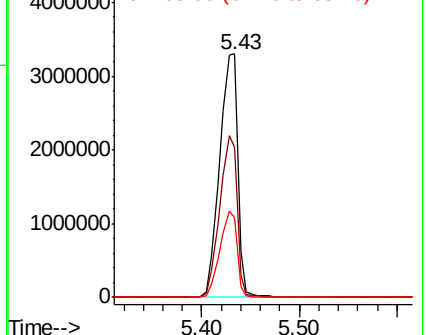
63 32.9 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.381 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

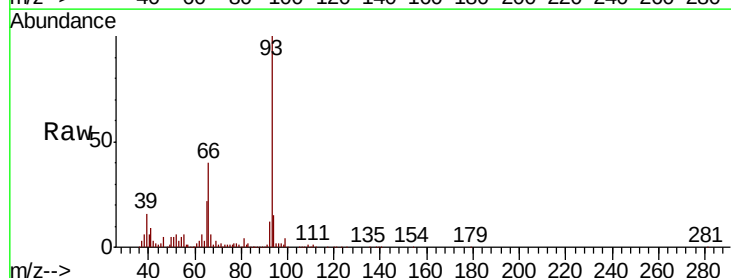
Tgt Ion: 93 Resp: 1103070

Ion Ratio Lower Upper

93 100

66 40.3 33.2 49.8

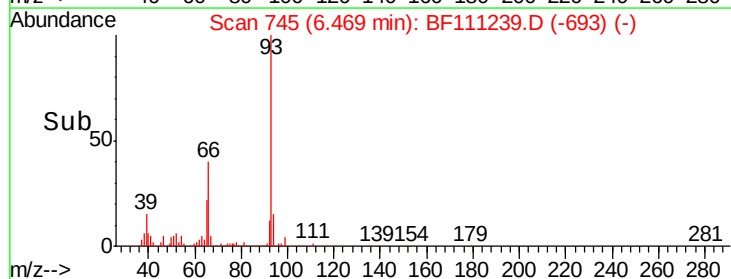
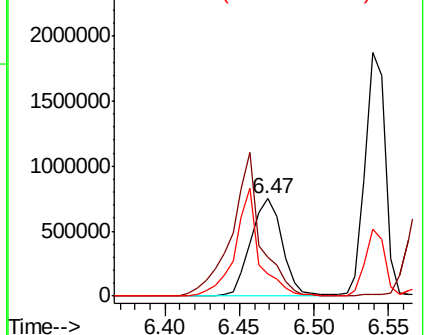
65 22.2 17.0 25.4

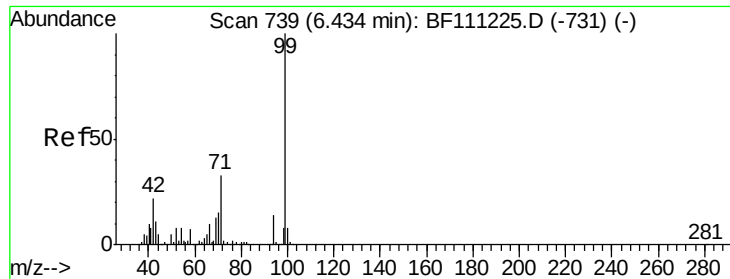


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.650 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampled :

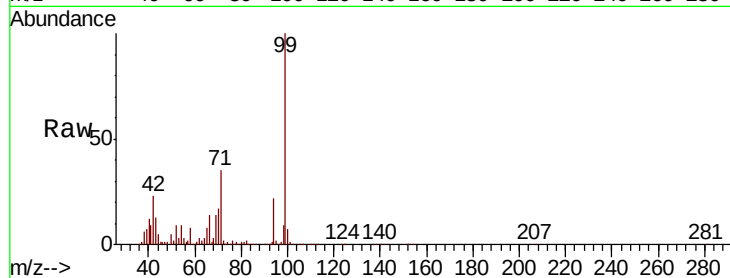
Tot Ion: 99 Resp: 5600185

Ion Ratio Lower Upper

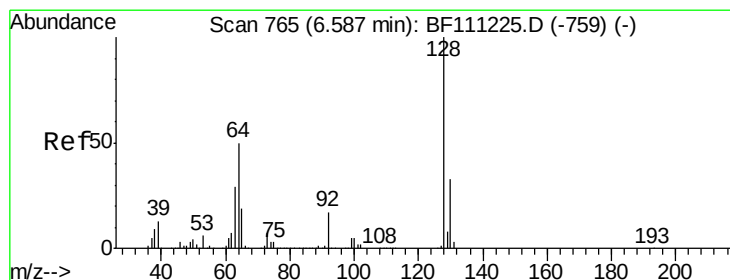
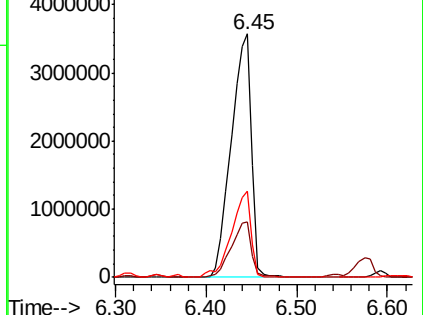
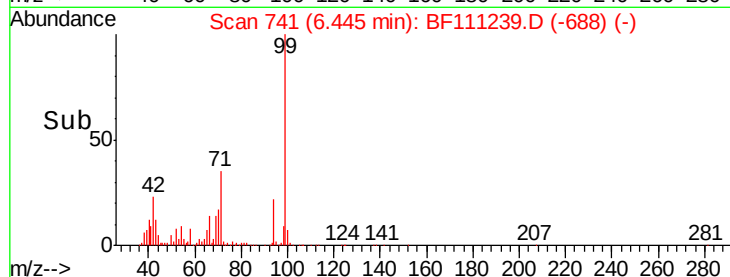
99 100

42 23.0 17.4 26.0

71 35.3 26.1 39.1



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: 40.309 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

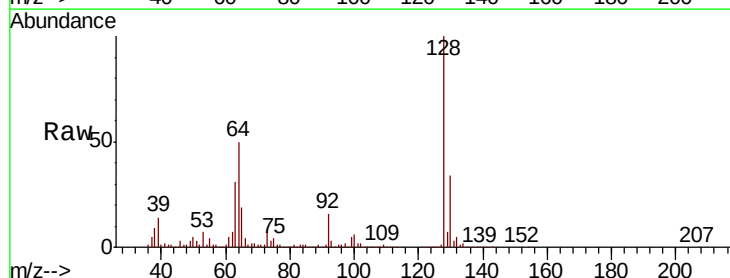
Tgt Ion: 128 Resp: 1754949

Ion Ratio Lower Upper

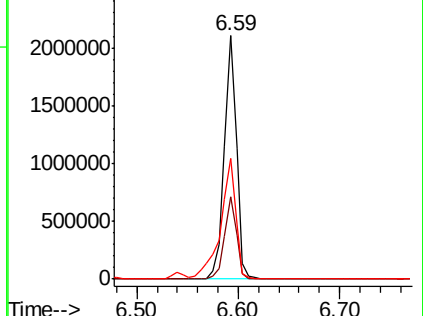
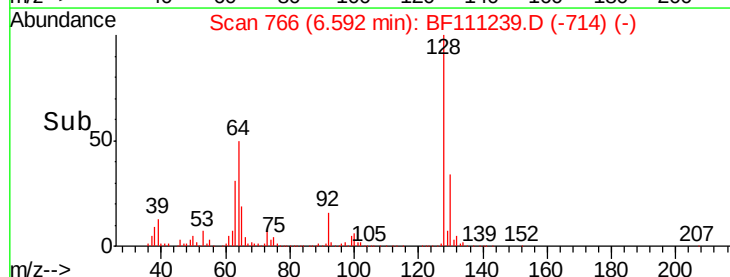
128 100

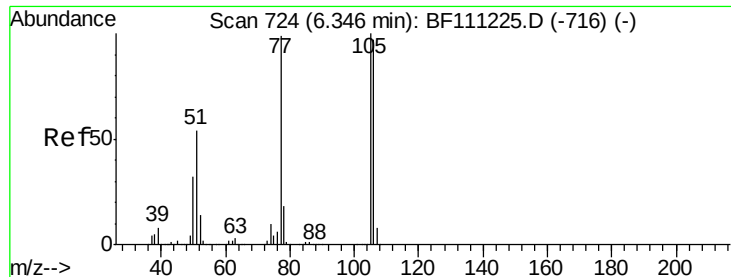
130 34.0 12.7 52.7

64 49.7 30.0 70.0



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: 18.011 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

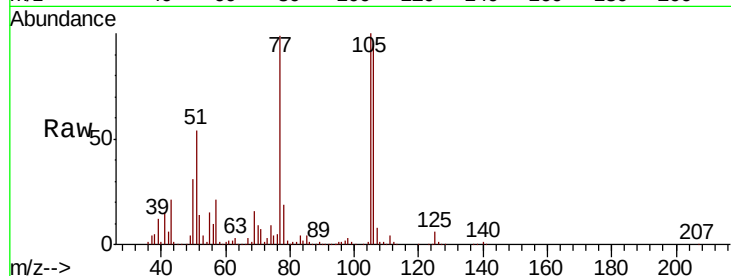
Tot Ion: 77 Resp: 584993

Ion Ratio Lower Upper

77 100

105 100.8 81.4 121.4

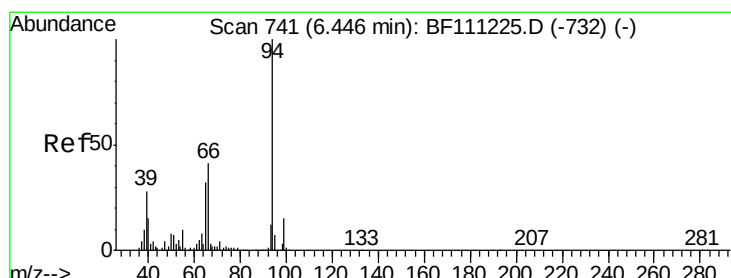
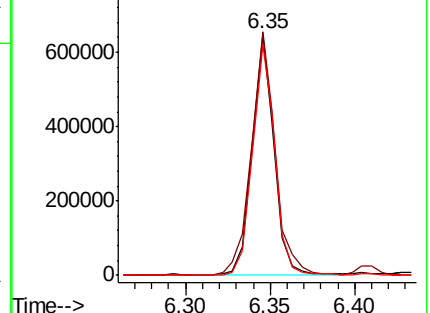
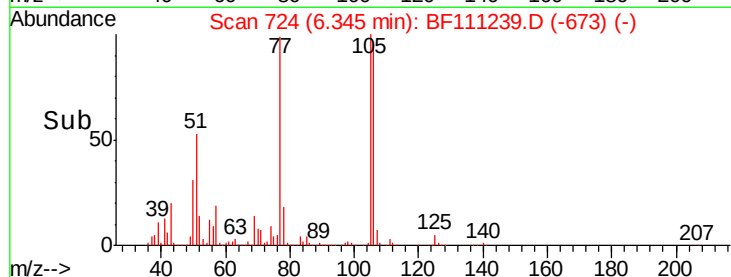
106 95.4 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.782 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

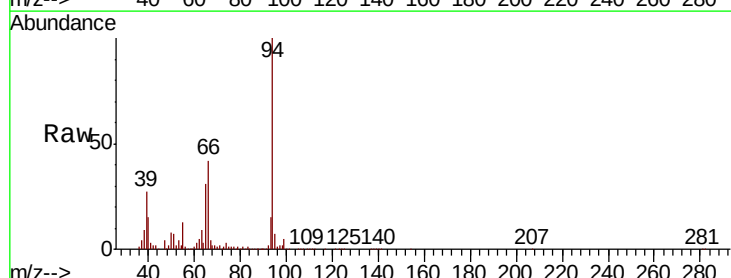
Tgt Ion: 94 Resp: 2381173

Ion Ratio Lower Upper

94 100

65 31.3 11.7 51.7

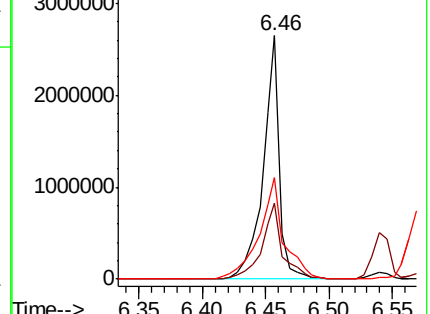
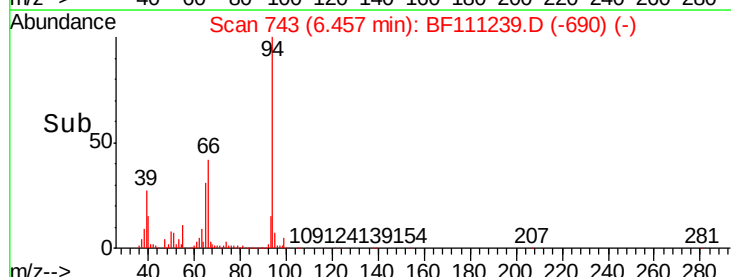
66 41.7 21.0 61.0

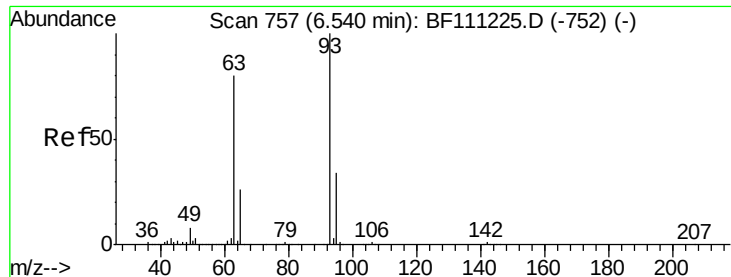


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



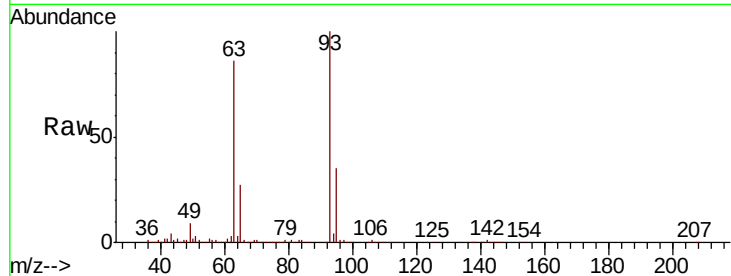


#11
bis(2-Chloroethyl)ether
Concen: 40.055 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

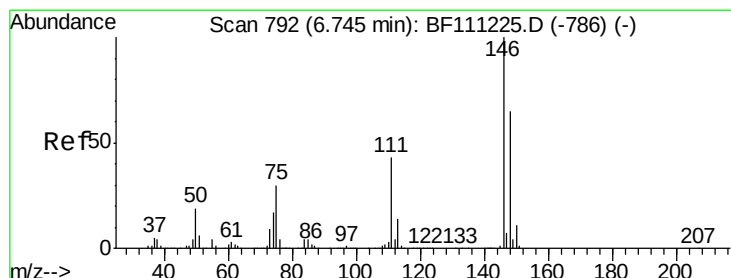
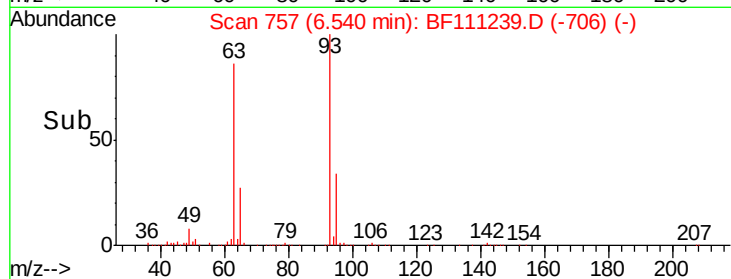
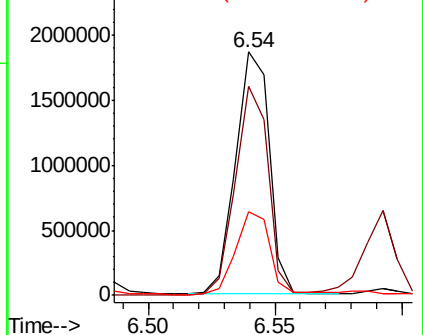
Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 1724187

Ion	Ratio	Lower	Upper
93	100		
63	85.9	60.0	100.0
95	34.5	13.4	53.4



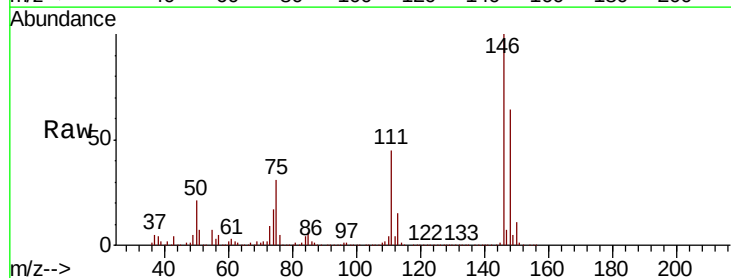
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



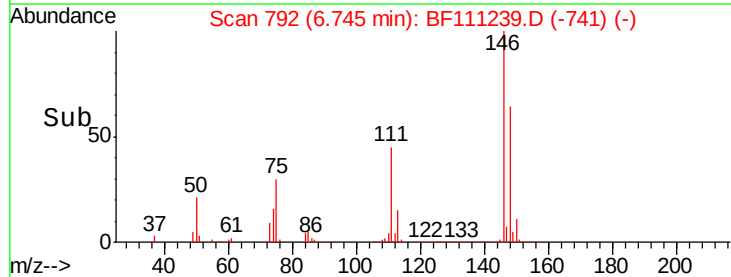
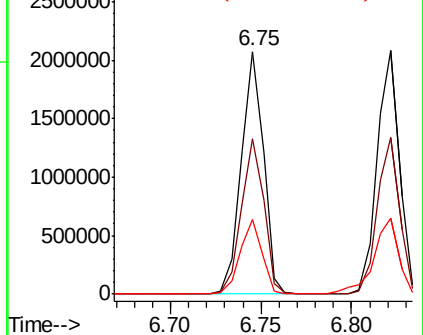
#12
1,3-Dichlorobenzene
Concen: 37.668 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

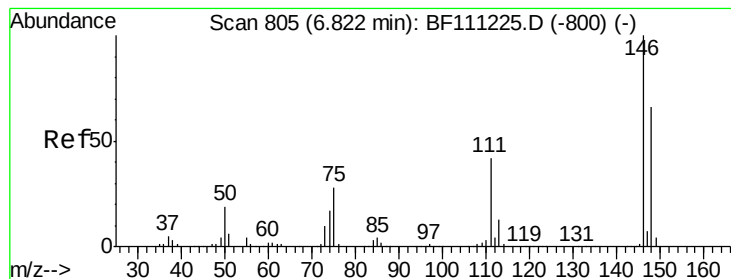
Tgt Ion: 146 Resp: 1762099

Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
75	30.9	23.9	35.9



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





#13

1,4-Dichlorobenzene

Concen: 37.692 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

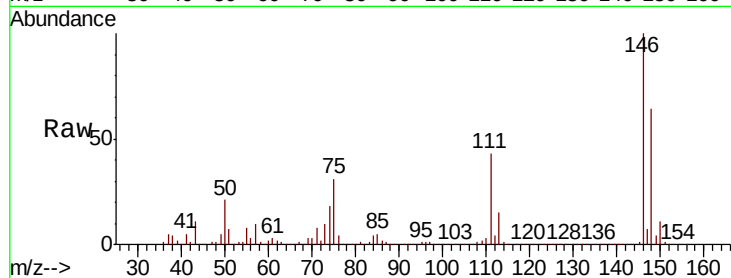
Tot Ion:146 Resp: 1780370

Ion Ratio Lower Upper

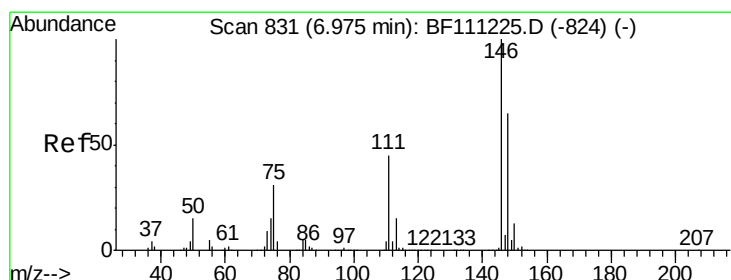
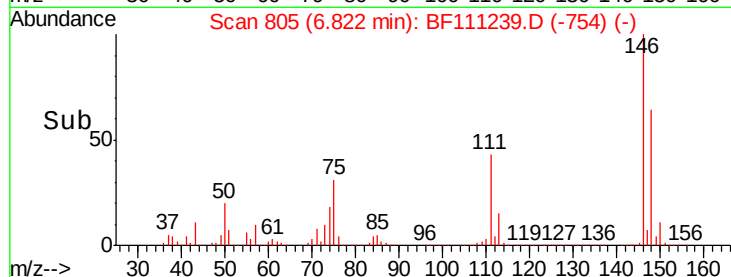
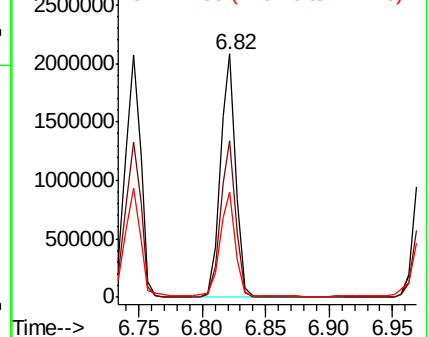
146 100

148 64.2 52.8 79.2

111 43.2 33.4 50.0



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



#14

1,2-Dichlorobenzene

Concen: 37.872 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

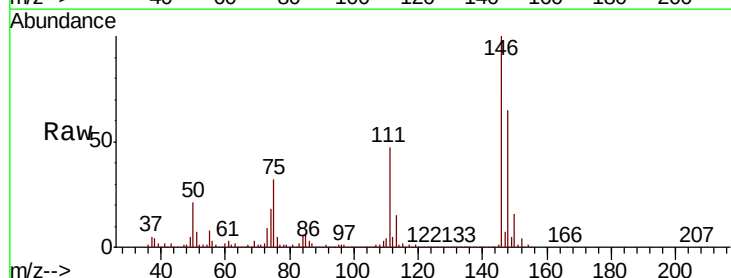
Tgt Ion:146 Resp: 1668502

Ion Ratio Lower Upper

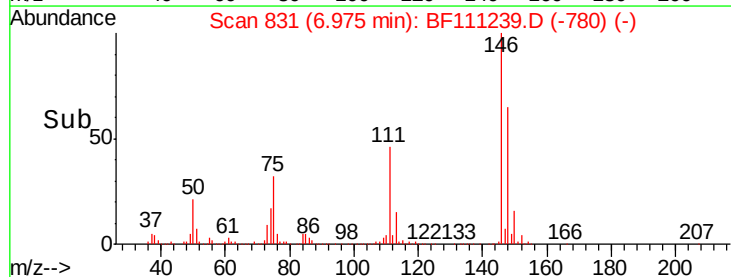
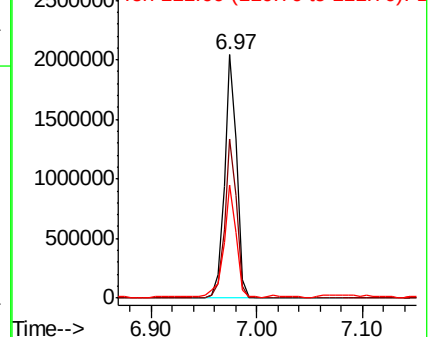
146 100

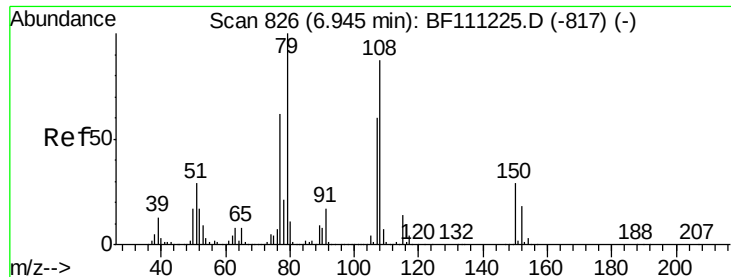
148 65.1 51.9 77.9

111 46.5 36.2 54.4



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





#15

Benzyl Alcohol

Concen: 40.408 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

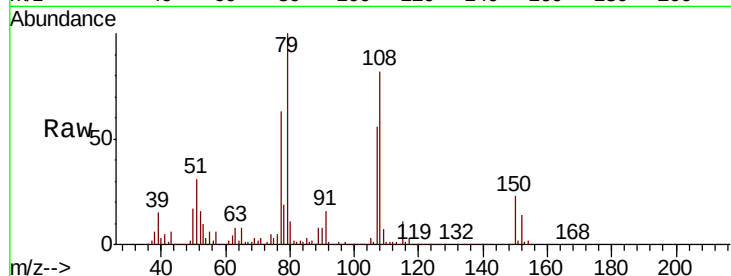
Tot Ion: 79 Resp: 1522127

Ion Ratio Lower Upper

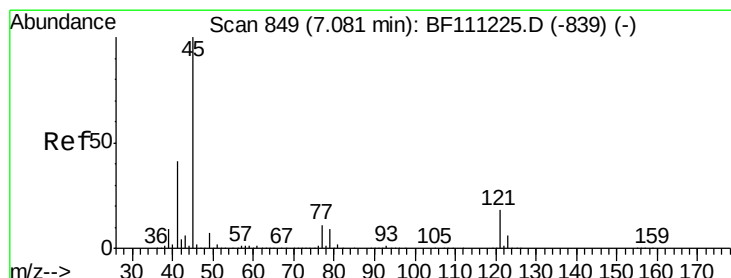
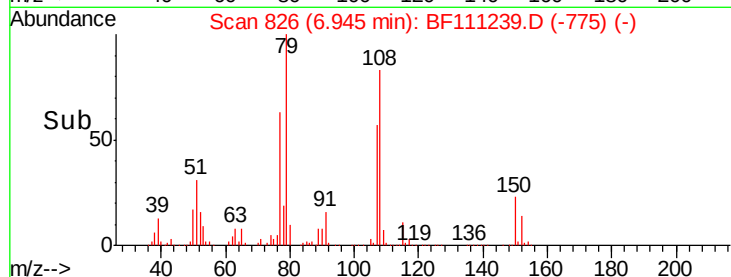
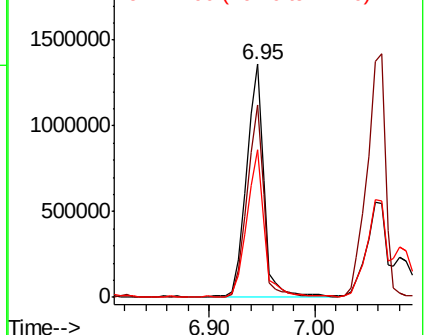
79 100

108 82.4 69.4 104.2

77 63.1 49.7 74.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.791 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

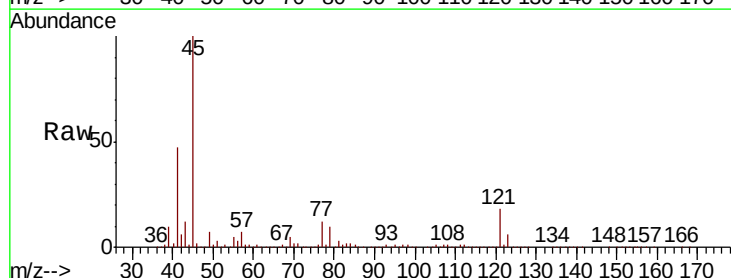
Tgt Ion: 45 Resp: 3206793

Ion Ratio Lower Upper

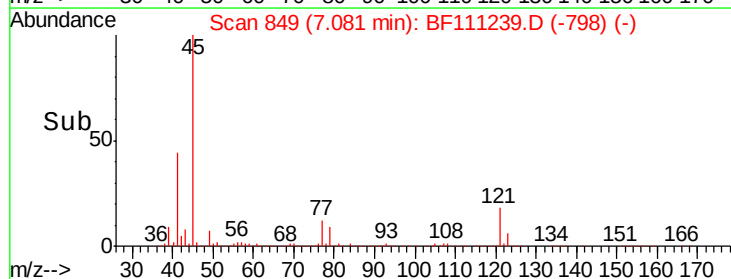
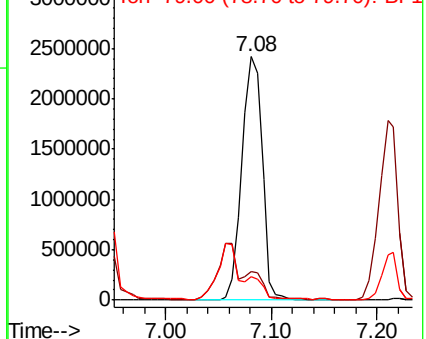
45 100

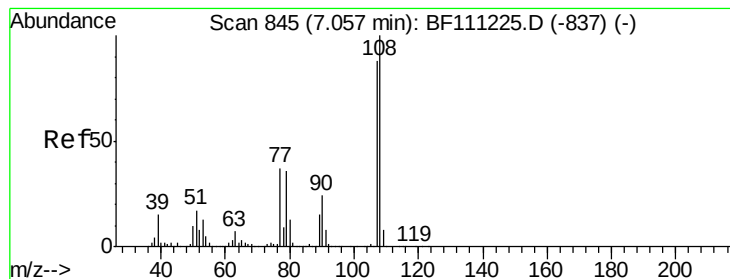
77 12.0 0.0 31.5

79 9.5 0.0 28.9



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

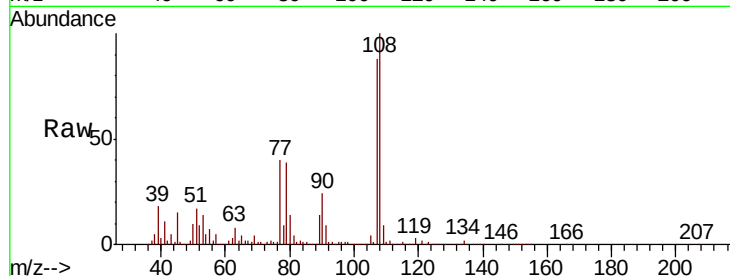




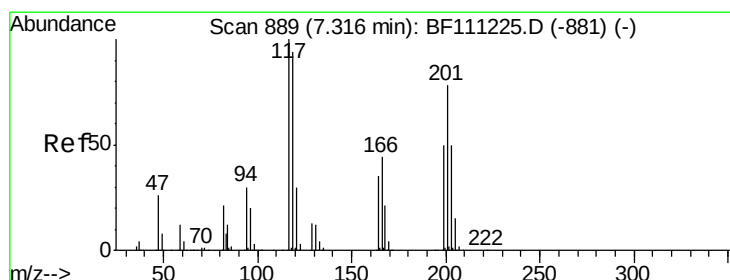
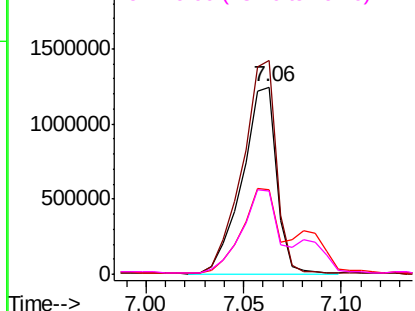
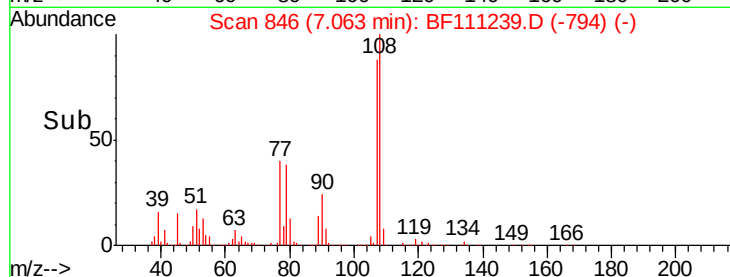
#17
2-Methylphenol
Concen: 42.593 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 1513961
Ion Ratio Lower Upper
107 100
108 114.0 91.0 136.4
77 45.4 33.5 50.3
79 44.1 33.3 49.9

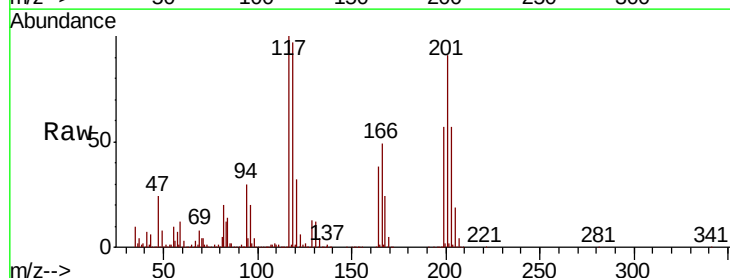


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

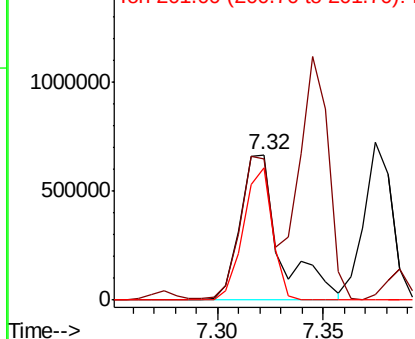
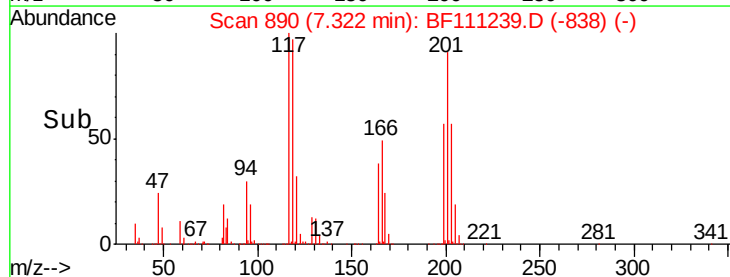


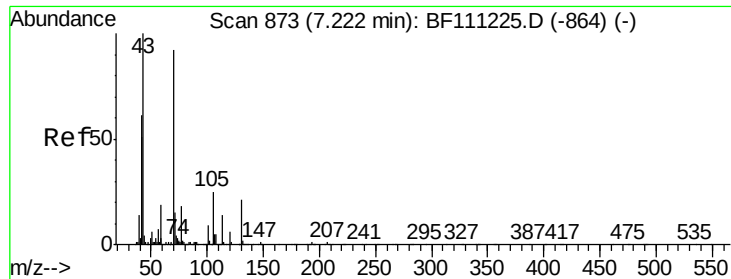
#18
Hexachloroethane
Concen: 48.661 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:117 Resp: 875110
Ion Ratio Lower Upper
117 100
119 97.0 75.4 113.0
201 91.1 62.4 93.6



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

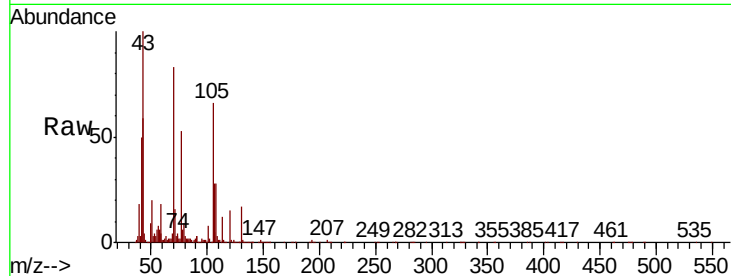




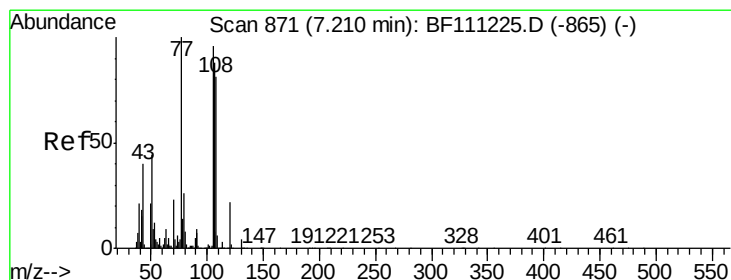
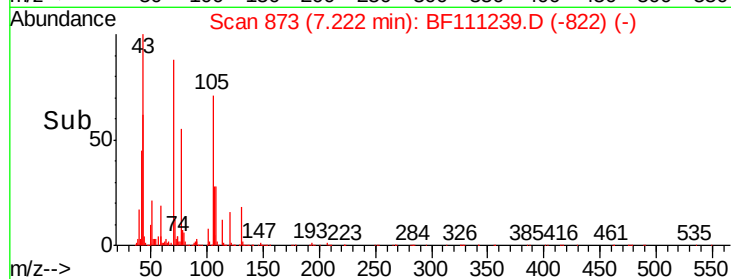
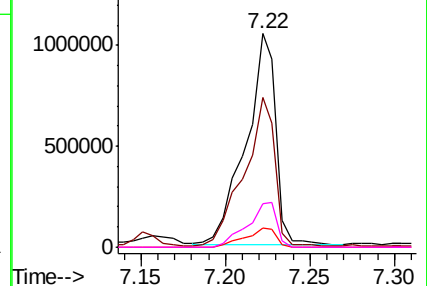
#19
n-Nitroso-di-n-propylamine
Concen: 40.698 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1297725
Ion Ratio Lower Upper
70 100
42 70.1 53.2 79.8
101 9.0 8.2 12.4
130 20.3 18.1 27.1

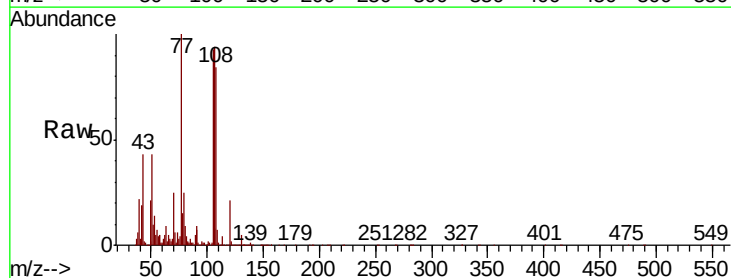


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

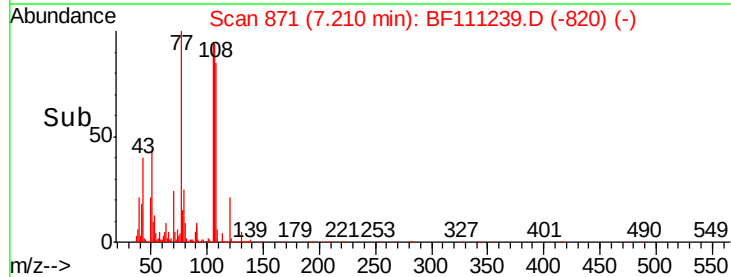
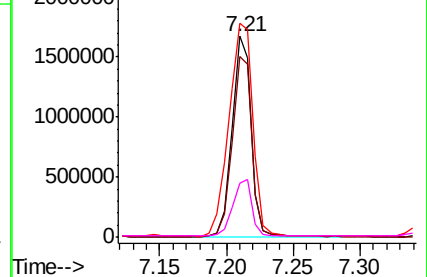


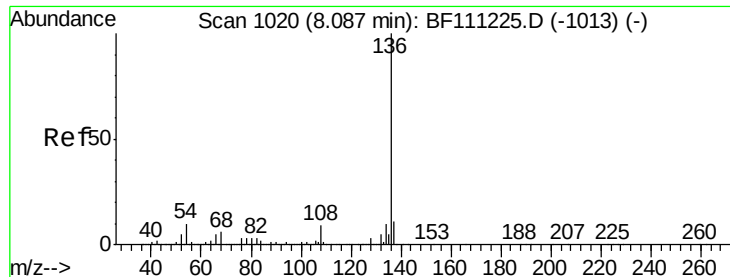
#20
3+4-Methylphenols
Concen: 40.117 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:107 Resp: 1696112
Ion Ratio Lower Upper
107 100
108 89.7 72.1 112.1
77 106.3 94.1 134.1
79 27.0 9.8 49.8



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

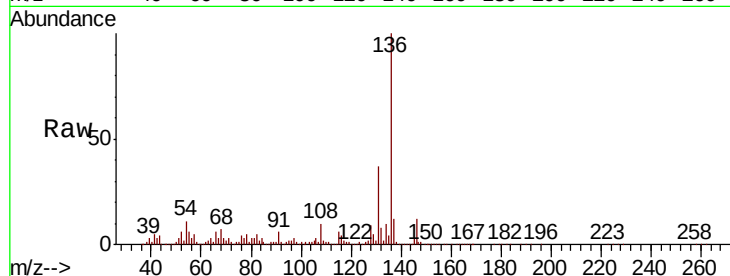




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	2203693
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	10.6	7.7	11.5
68	7.1	4.9	7.3



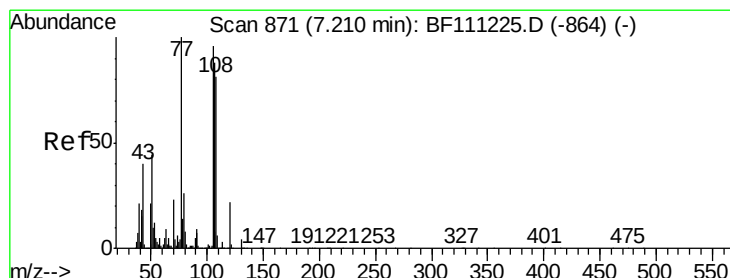
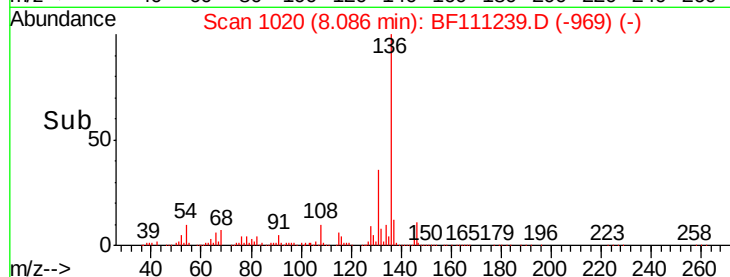
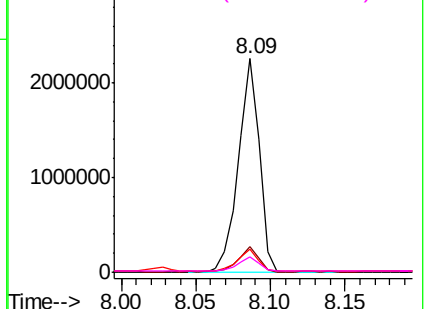
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

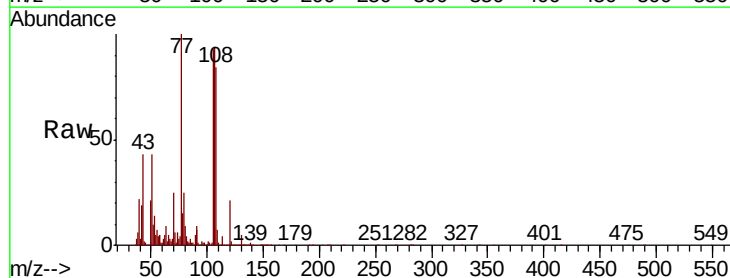
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.549 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:	105	Resp:	2296676
Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.1	4.7#
51	46.5	36.6	54.8
120	22.5	18.2	27.4



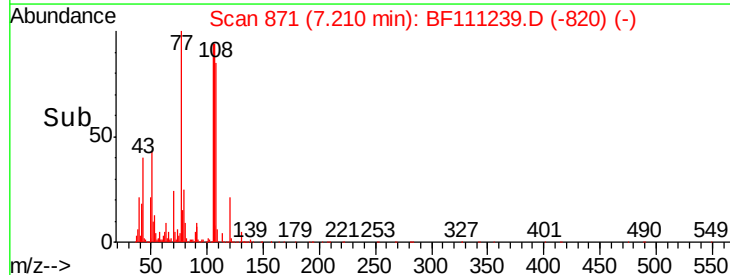
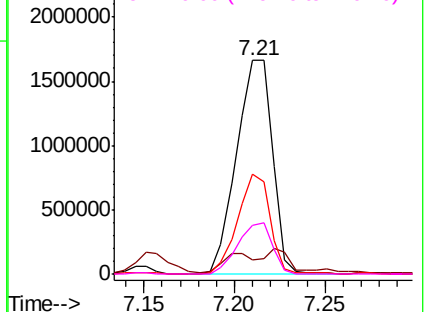
Abundance

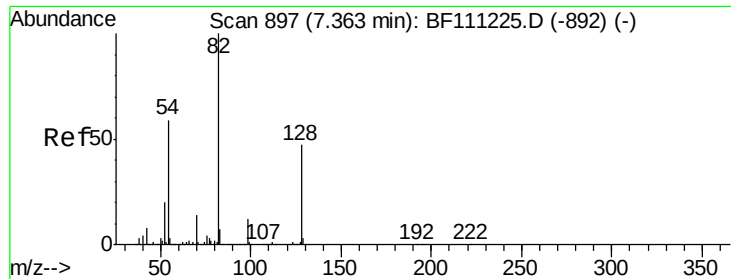
Ion 105.00 (104.70 to 105.70): E

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

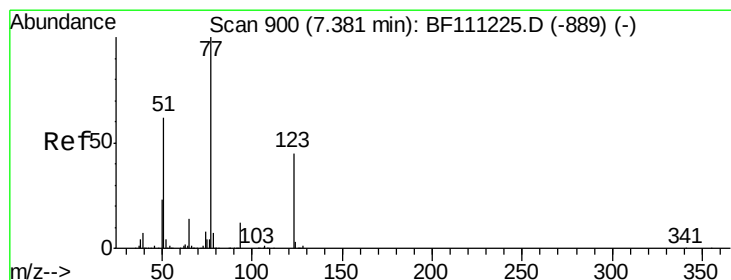
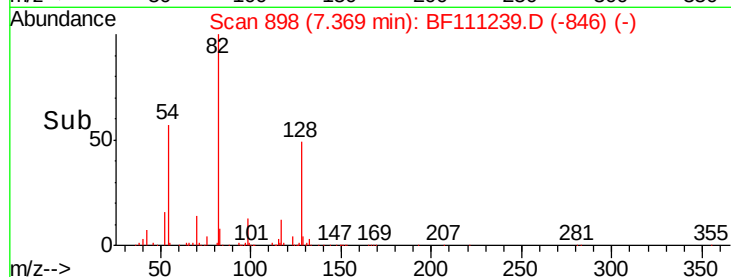
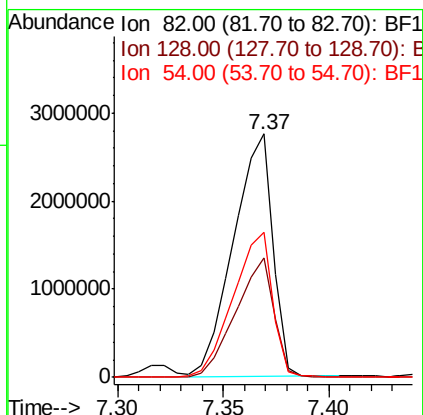
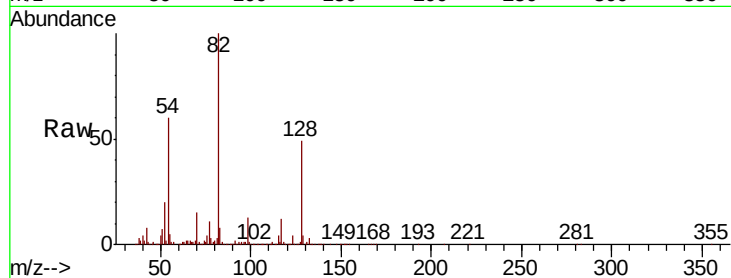




#23
 Nitrobenzene-d5
 Concen: 90.325 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

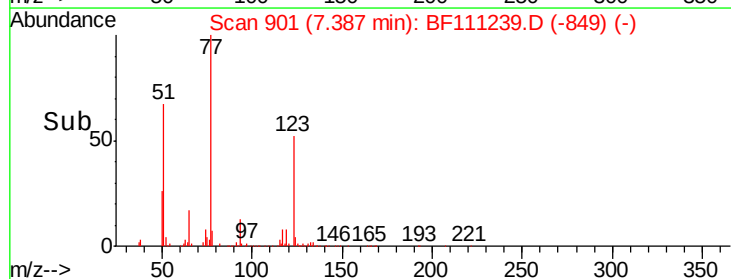
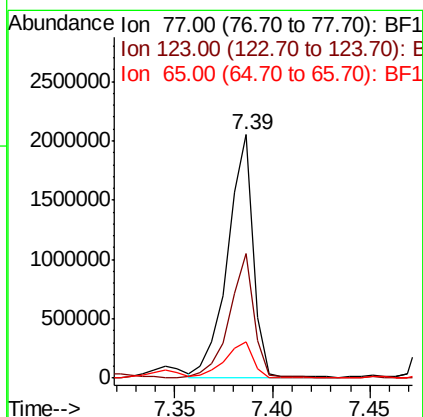
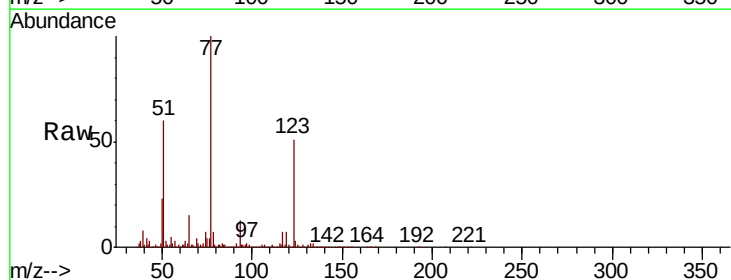
Instrument :
 BNA_F
 ClientSampleId :

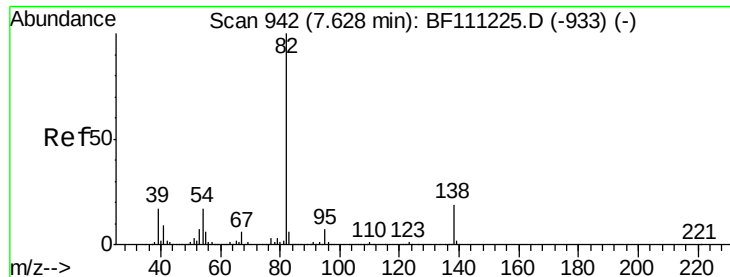
Tot Ion: 82 Resp: 3548815
 Ion Ratio Lower Upper
 82 100
 128 49.2 37.4 56.2
 54 59.6 47.6 71.4



#24
 Nitrobenzene
 Concen: 45.303 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion: 77 Resp: 1852541
 Ion Ratio Lower Upper
 77 100
 123 51.1 37.2 55.8
 65 15.1 11.5 17.3





#25

Isophorone

Concen: 51.713 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

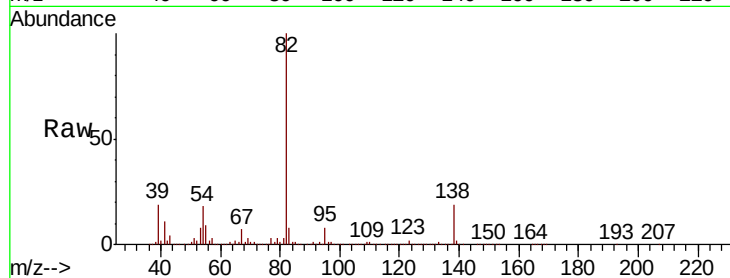
Tot Ion: 82 Resp: 3460576

Ion Ratio Lower Upper

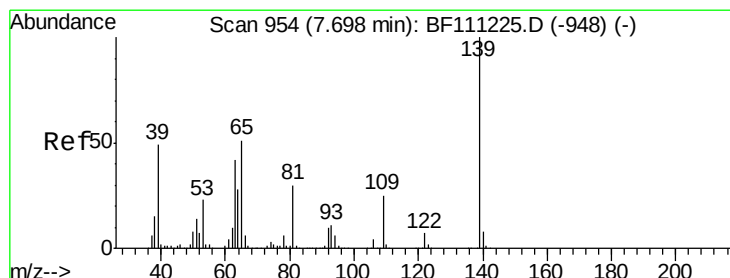
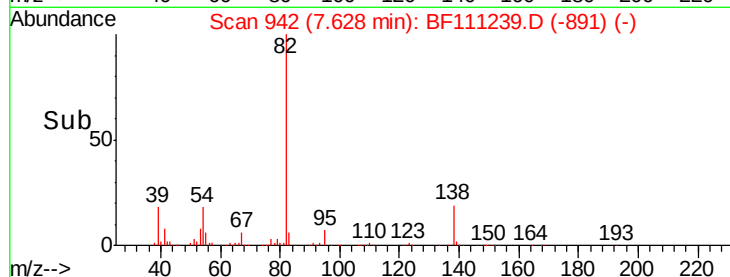
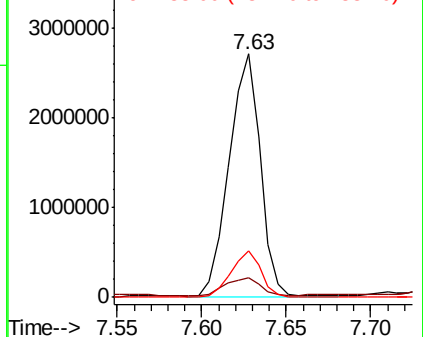
82 100

95 8.2 5.4 8.2#

138 18.9 15.1 22.7



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: 46.756 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

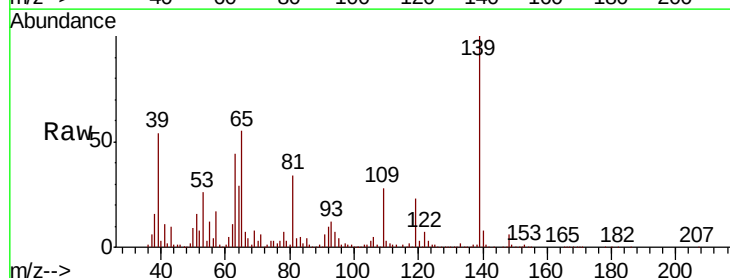
Tgt Ion: 139 Resp: 949928

Ion Ratio Lower Upper

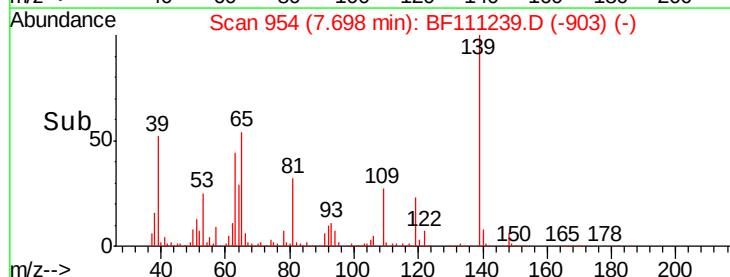
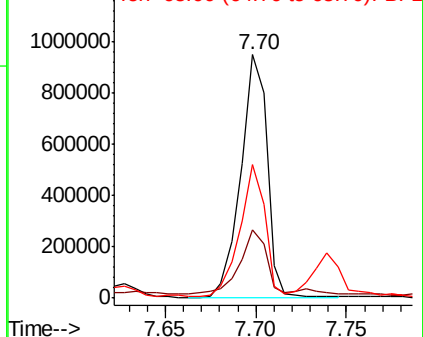
139 100

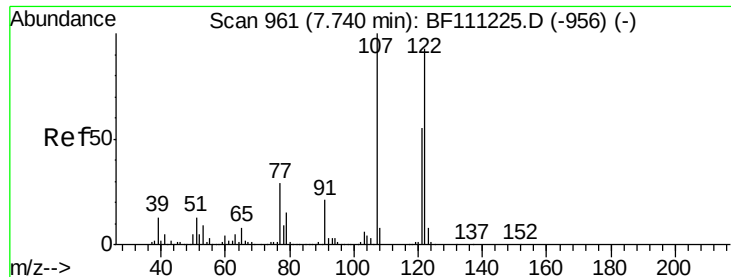
109 28.3 20.2 30.4

65 54.9 40.7 61.1



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: 50.472 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

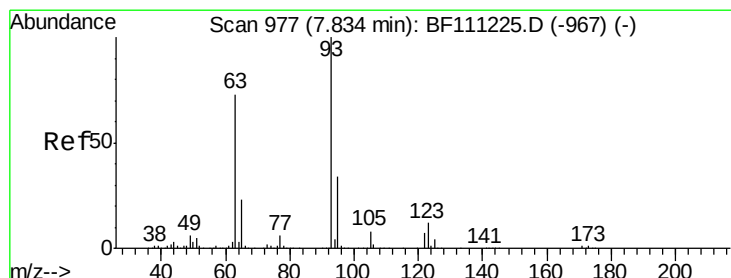
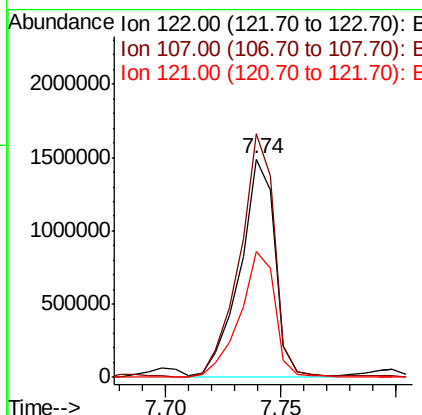
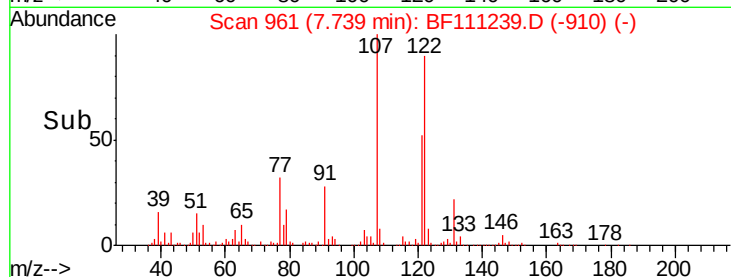
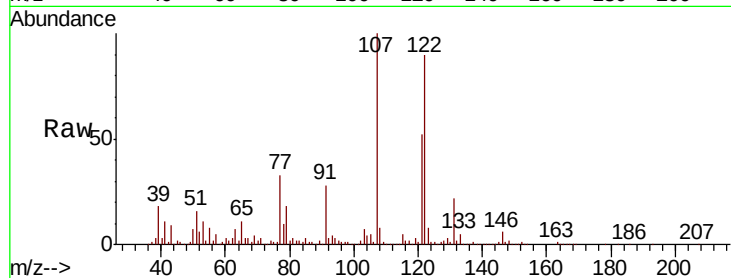
Tot Ion:122 Resp: 1584561

Ion Ratio Lower Upper

122 100

107 111.5 85.5 128.3

121 57.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 46.948 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

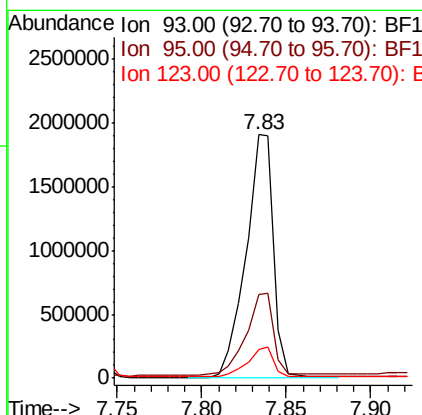
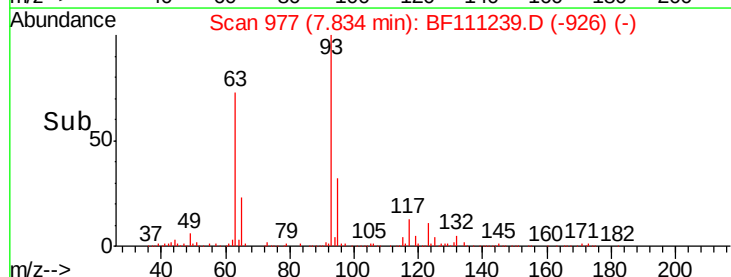
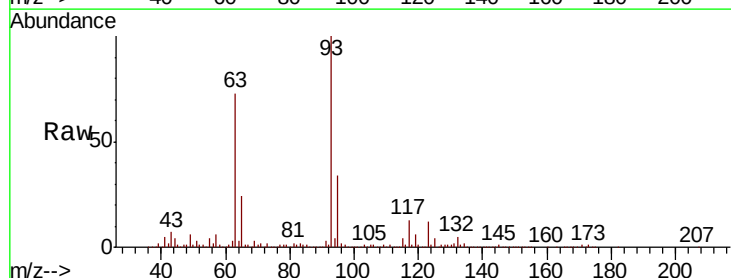
Tgt Ion: 93 Resp: 2175563

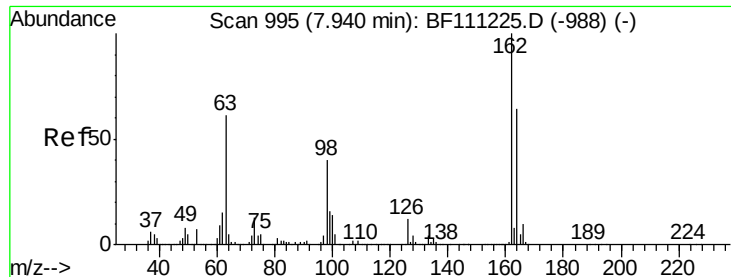
Ion Ratio Lower Upper

93 100

95 34.2 27.1 40.7

123 11.8 9.9 14.9

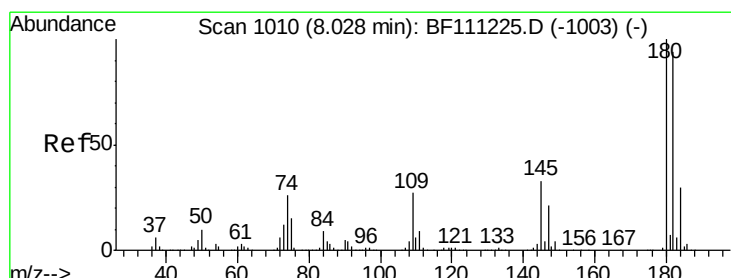
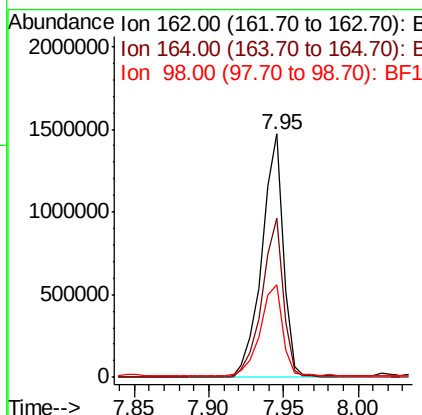
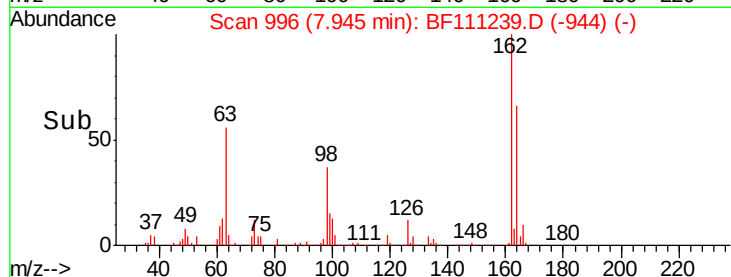
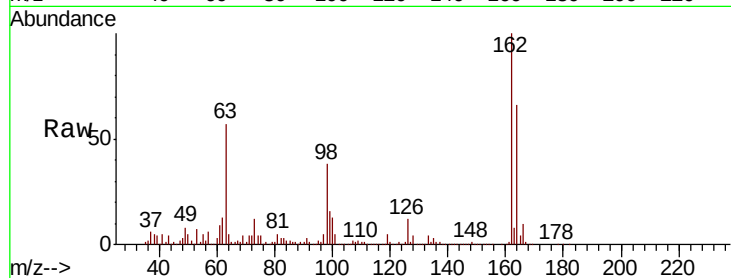




#29
2,4-Dichlorophenol
Concen: 45.443 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

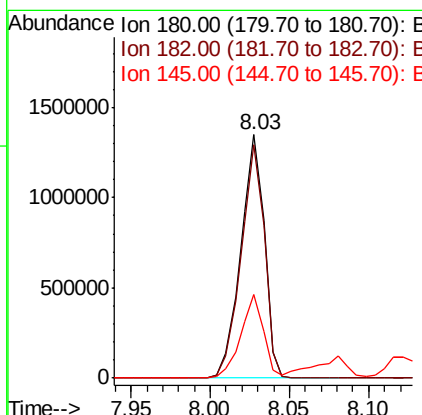
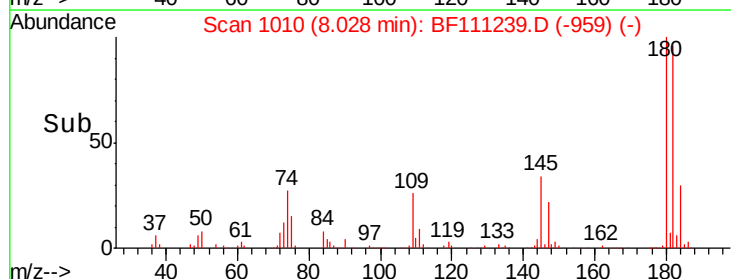
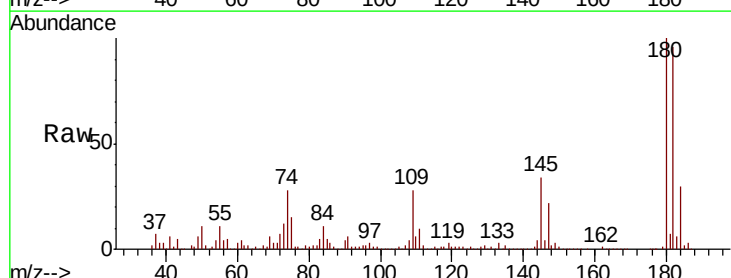
Instrument :
BNA_F
ClientSampleId :

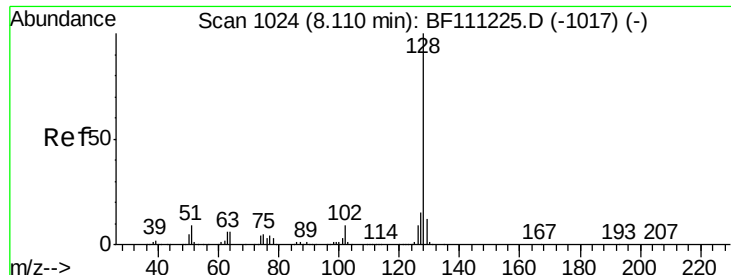
Tot Ion:162 Resp: 1458780
Ion Ratio Lower Upper
162 100
164 65.6 44.4 84.4
98 38.0 20.3 60.3



#30
1,2,4-Trichlorobenzene
Concen: 43.696 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:180 Resp: 1381718
Ion Ratio Lower Upper
180 100
182 96.1 75.6 113.4
145 34.4 26.7 40.1

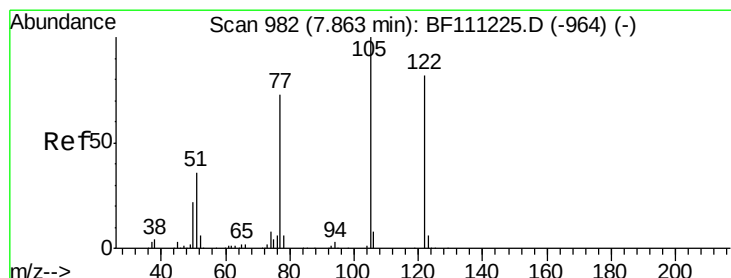
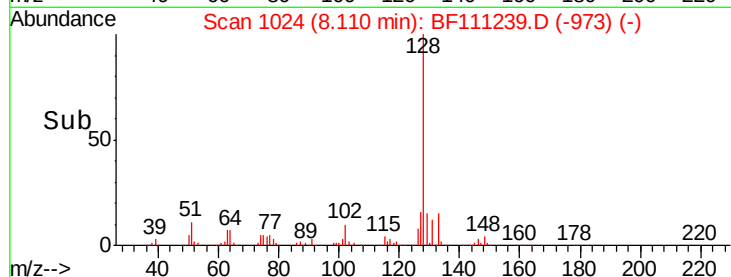
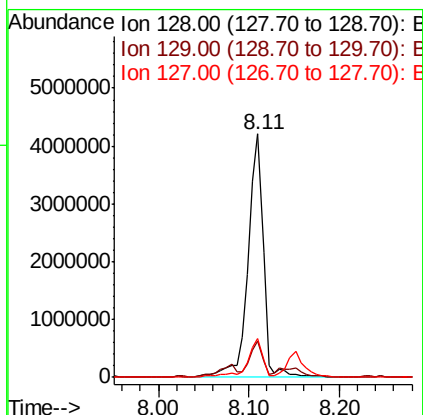
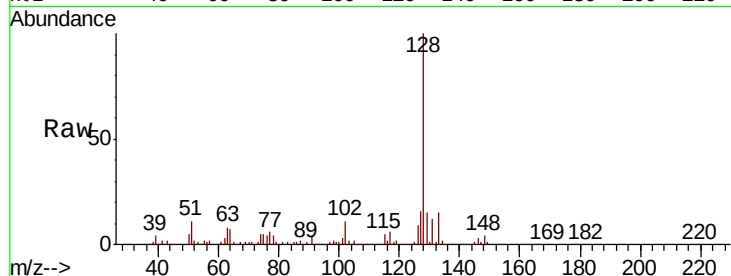




#31
Naphthalene
Concen: 50.684 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

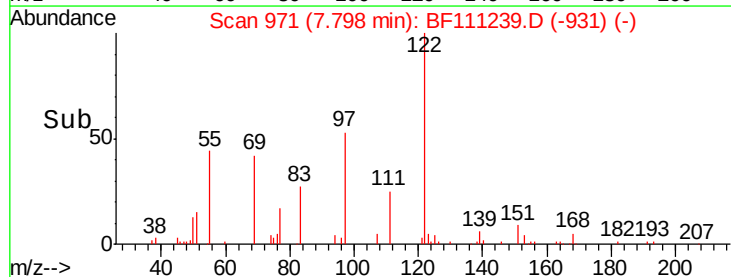
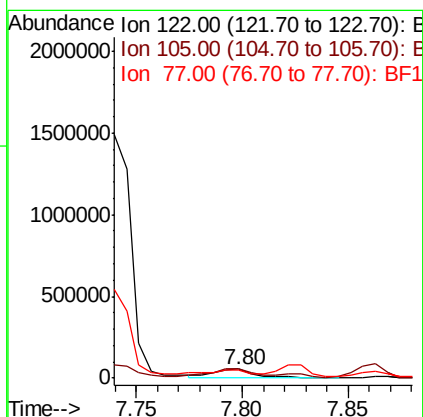
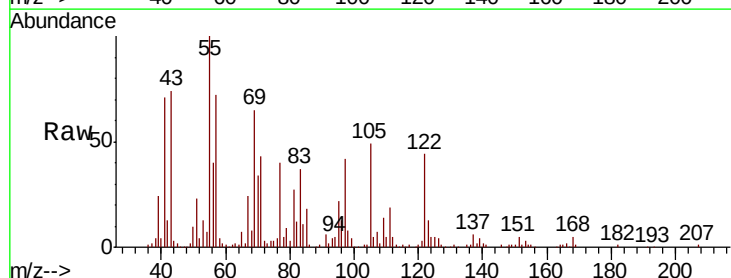
Instrument :
BNA_F
ClientSampled :

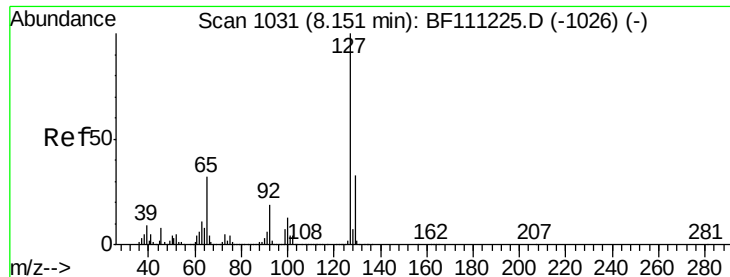
Tot Ion:128 Resp: 4874729
Ion Ratio Lower Upper
128 100
129 14.8 9.8 14.8
127 15.8 12.0 18.0



#32
Benzoic acid
Concen: 2.461 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.06 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:122 Resp: 63899
Ion Ratio Lower Upper
122 100
105 110.9 97.0 137.0
77 89.2 65.7 105.7

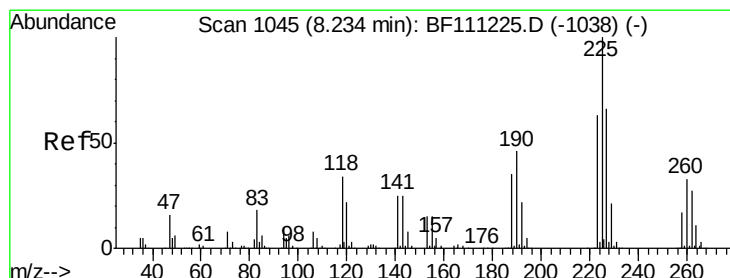
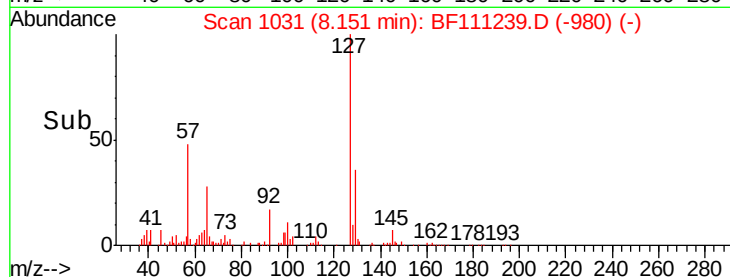
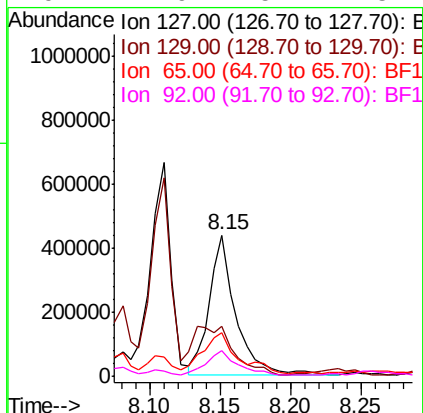
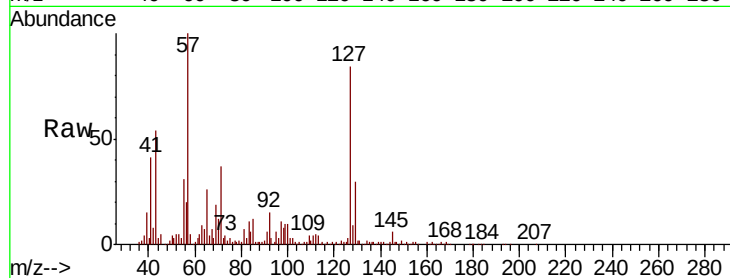




#33
4-Chloroaniline
Concen: 12.233 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

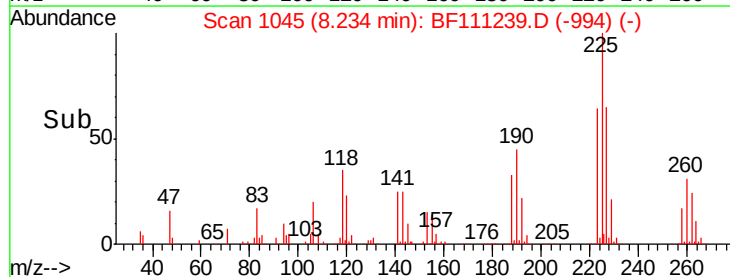
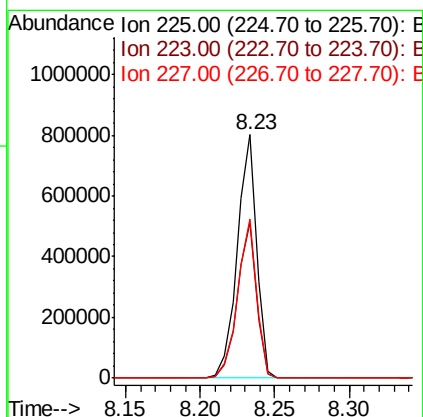
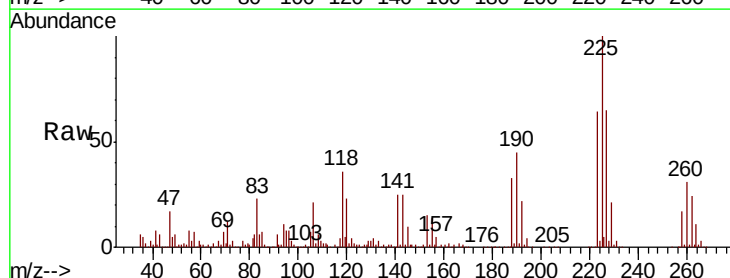
Instrument :
BNA_F
ClientSampled :

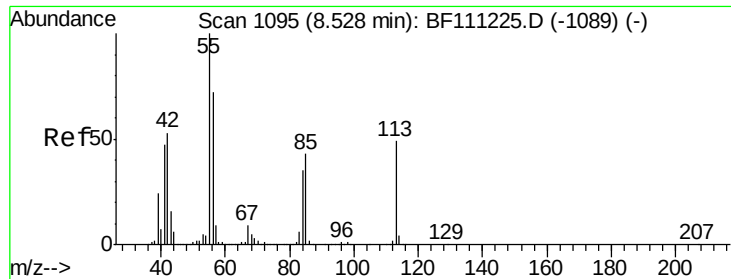
Tot Ion:	127	Resp:	565085
Ion	Ratio	Lower	Upper
127	100		
129	35.6	26.6	39.8
65	31.1	25.7	38.5
92	17.9	15.4	23.2



#34
Hexachlorobutadiene
Concen: 41.843 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:	225	Resp:	730351
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.7	76.1
227	65.3	52.6	78.8

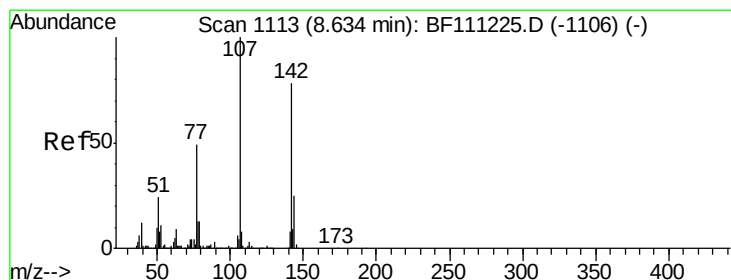
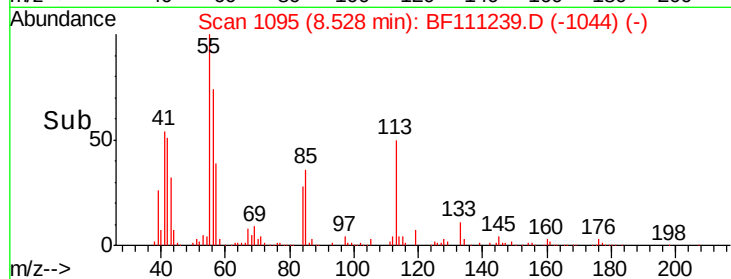
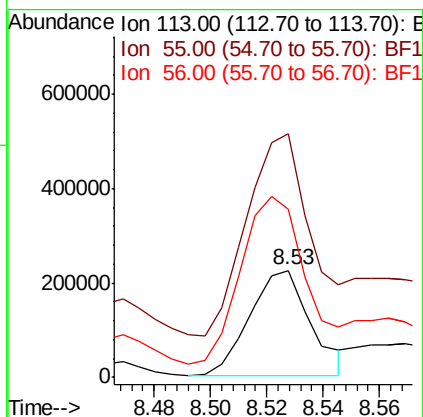
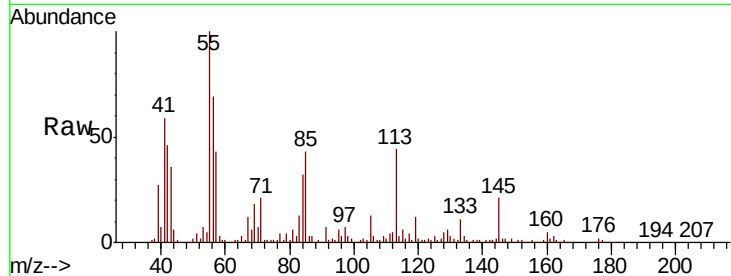




#35
 Caprolactam
 Concen: 29.525 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

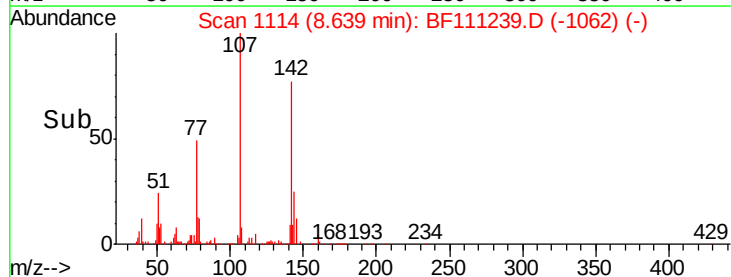
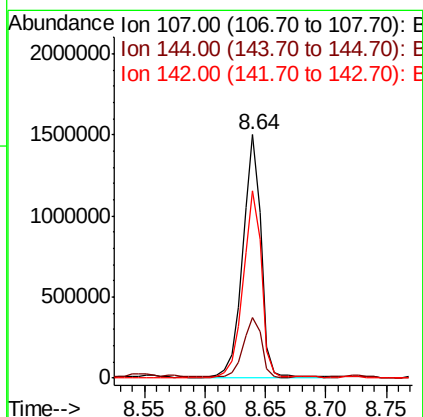
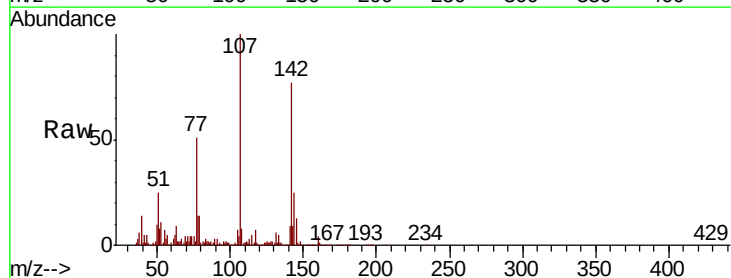
Instrument :
 BNA_F
 ClientSampleId :

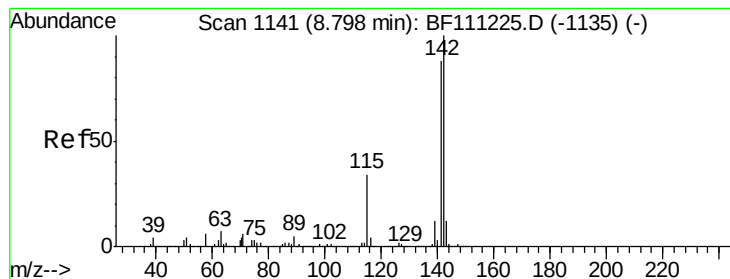
Tot Ion:113 Resp: 335861
 Ion Ratio Lower Upper
 113 100
 55 227.8 184.1 224.1#
 56 157.8 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 48.075 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion:107 Resp: 1580120
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.8 29.6
 142 76.8 62.3 93.5





#37

2-Methylnaphthalene

Concen: 48.905 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

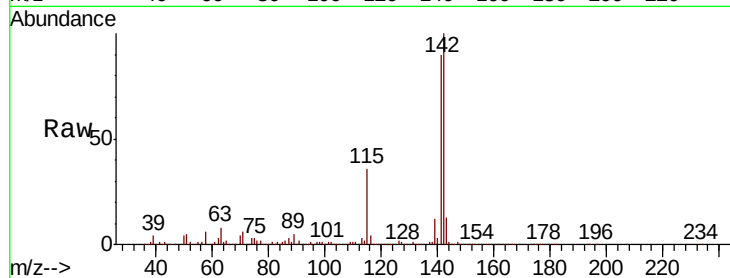
Tot Ion:142 Resp: 3122771

Ion Ratio Lower Upper

142 100

141 90.0 70.6 105.8

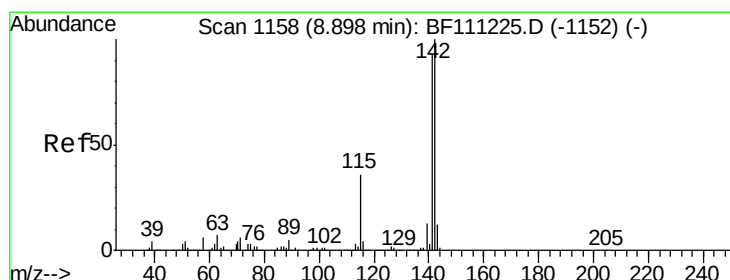
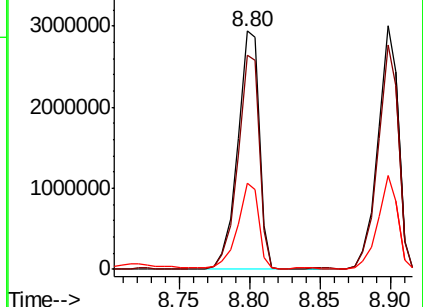
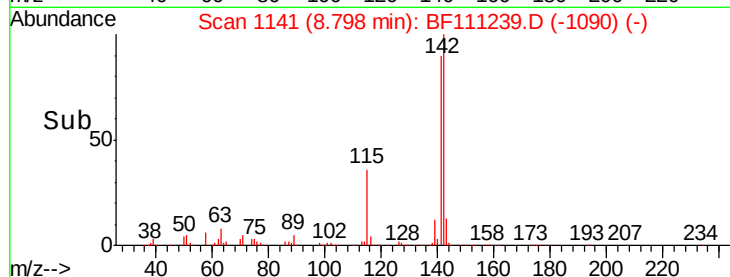
115 36.4 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.181 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

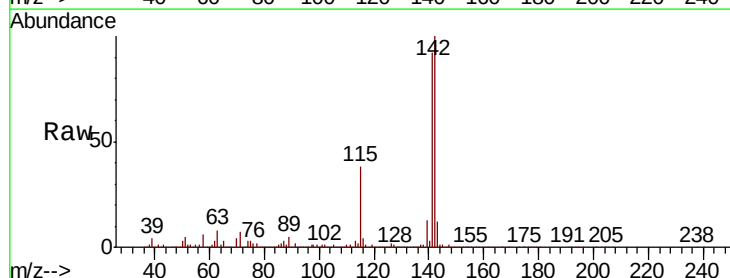
Tgt Ion:142 Resp: 3012887

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4

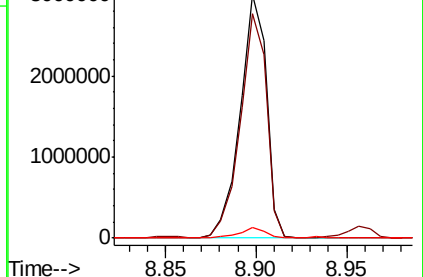
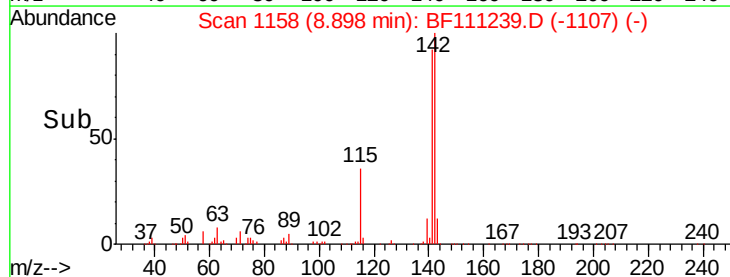
116 4.2 2.9 4.3

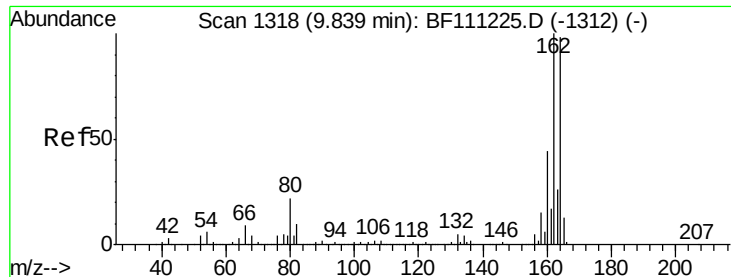


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

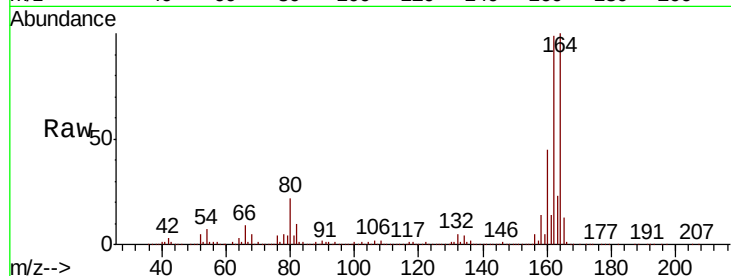




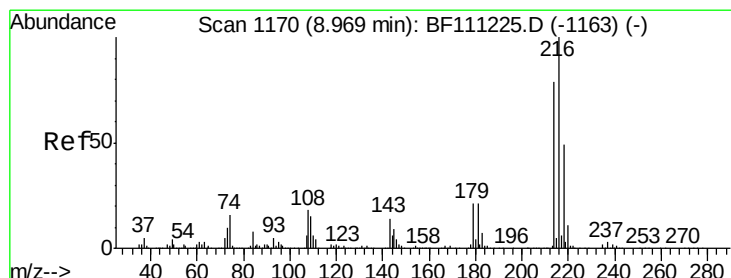
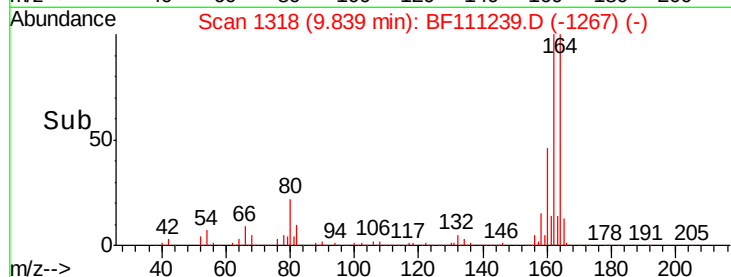
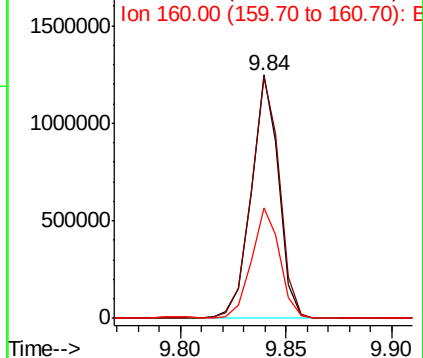
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 1121013
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 45.2 35.7 53.5

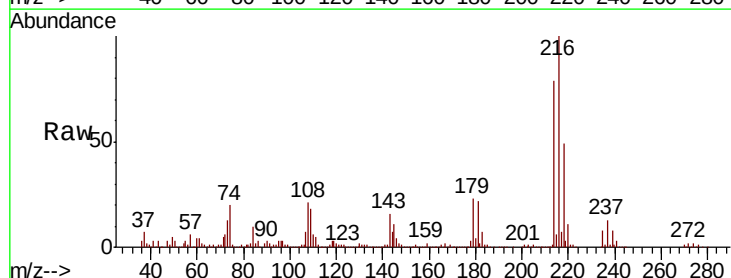


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

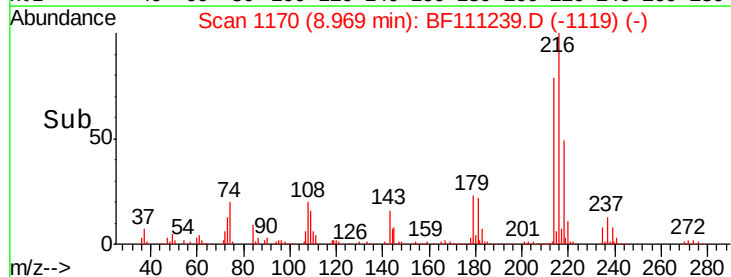
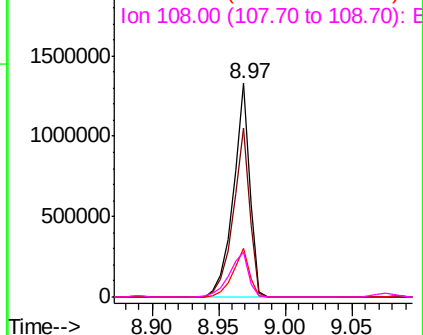


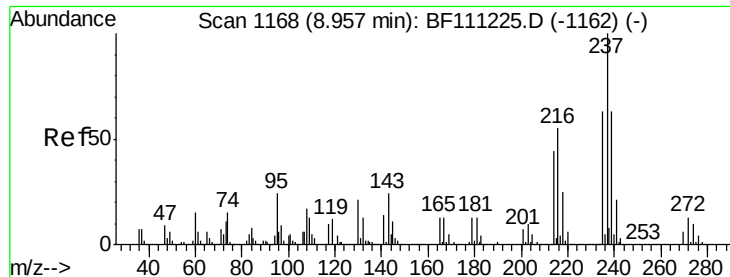
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.145 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:216 Resp: 1158664
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.8
179 22.6 17.9 26.9
108 23.9 18.4 27.6



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: 56.954 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampled :

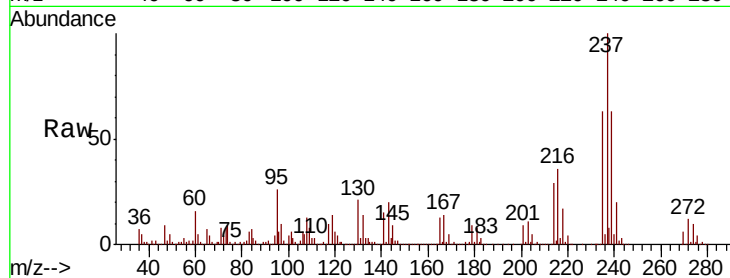
Tot Ion:237 Resp: 1011738

Ion Ratio Lower Upper

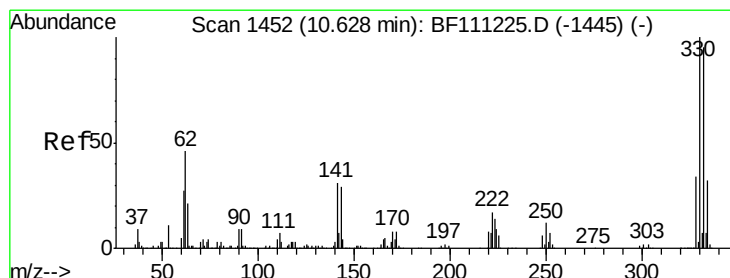
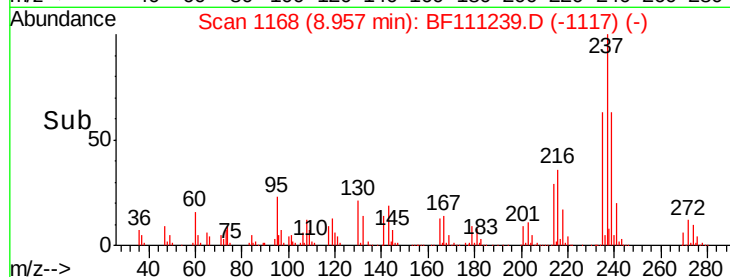
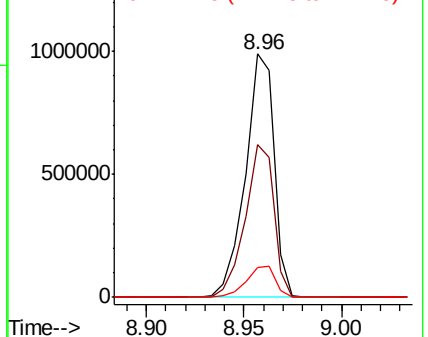
237 100

235 62.6 43.1 83.1

272 12.4 0.0 33.0



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: 111.683 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

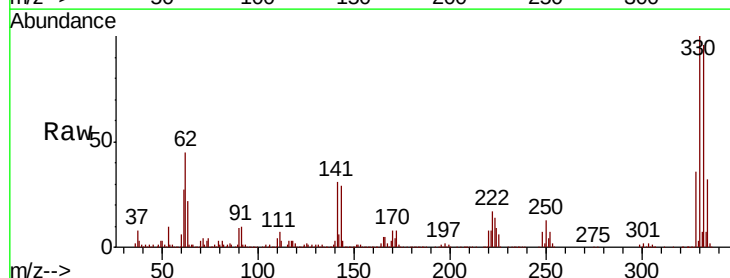
Tgt Ion:330 Resp: 1109022

Ion Ratio Lower Upper

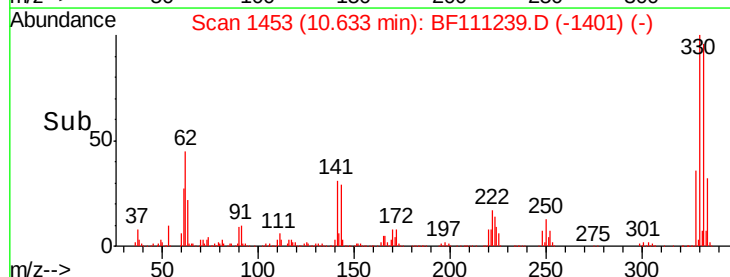
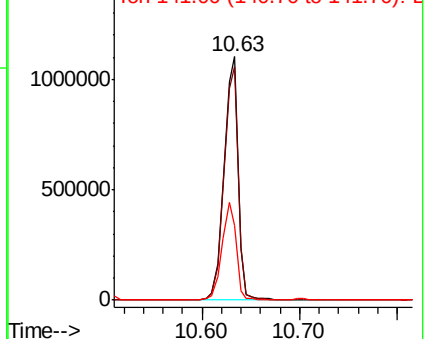
330 100

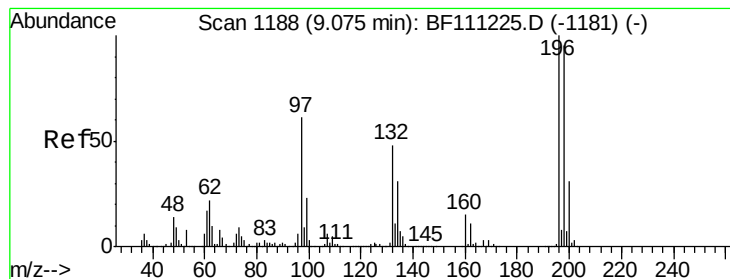
332 96.9 76.0 114.0

141 39.9 31.0 46.6



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: 40.609 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampled :

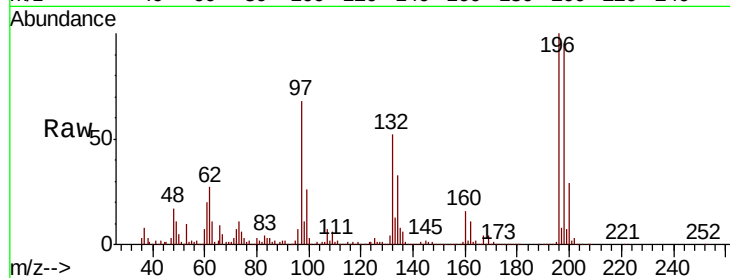
Tot Ion:196 Resp: 950833

Ion Ratio Lower Upper

196 100

198 95.1 76.3 114.5

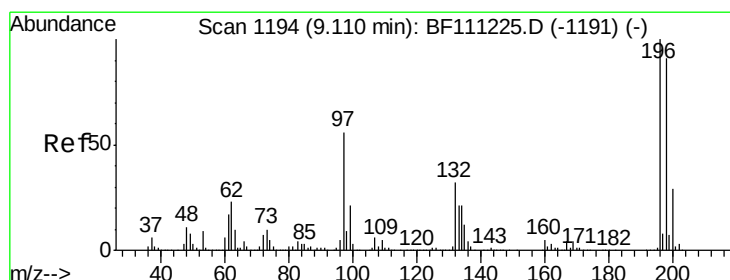
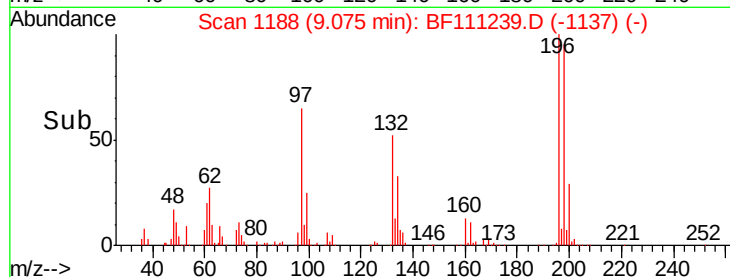
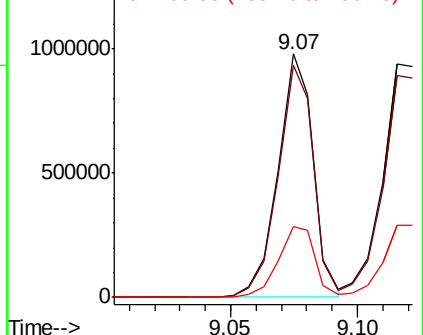
200 29.2 24.9 37.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.743 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Tgt Ion:196 Resp: 1018141

Ion Ratio Lower Upper

196 100

198 95.3 72.9 109.3

97 61.5 45.3 67.9

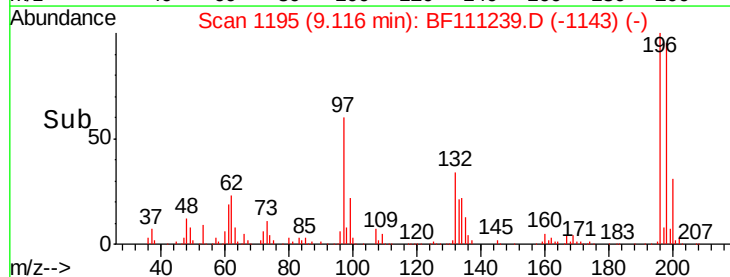
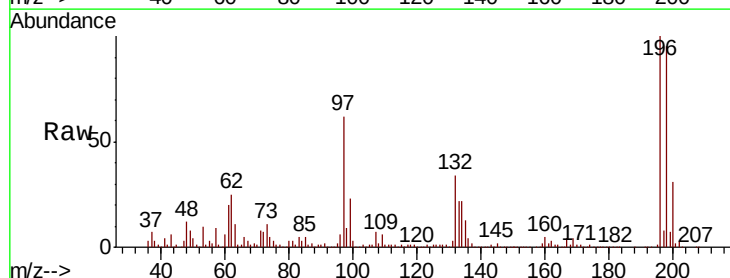
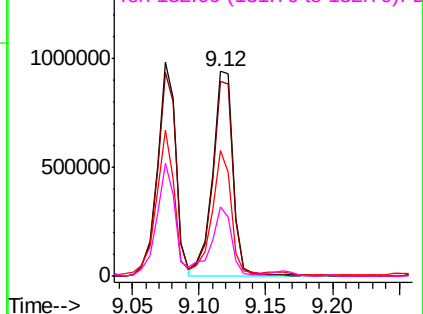
132 33.8 25.5 38.3

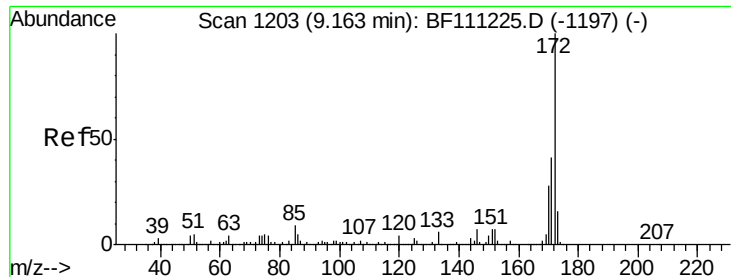
Abundance Ion 196.00 (195.70 to 196.70): E

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

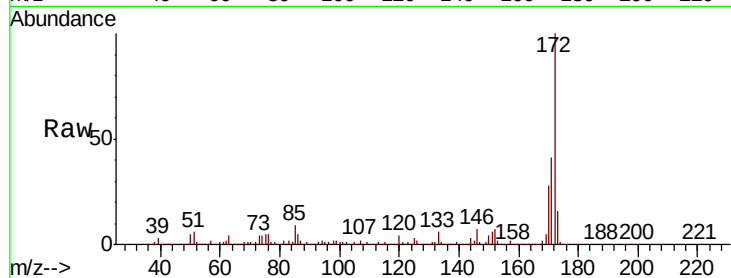




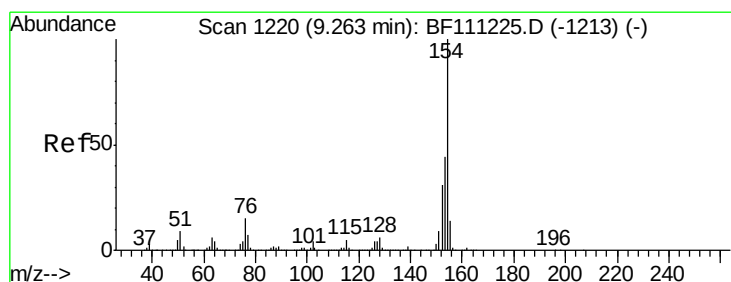
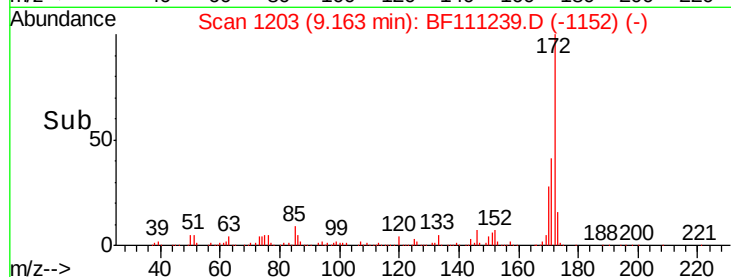
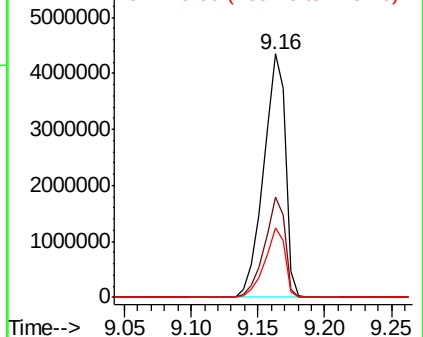
#45
2-Fluorobiphenyl
Concen: 72.594 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 4895404
Ion Ratio Lower Upper
172 100
171 41.0 33.0 49.4
170 28.3 22.3 33.5

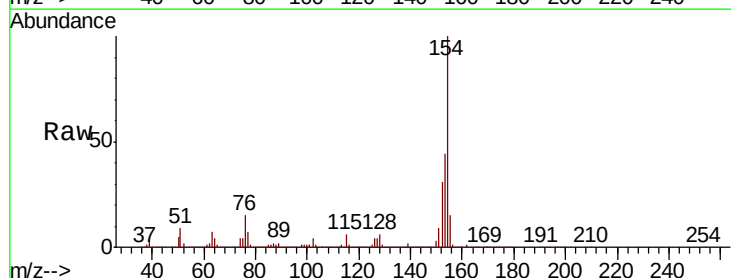


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

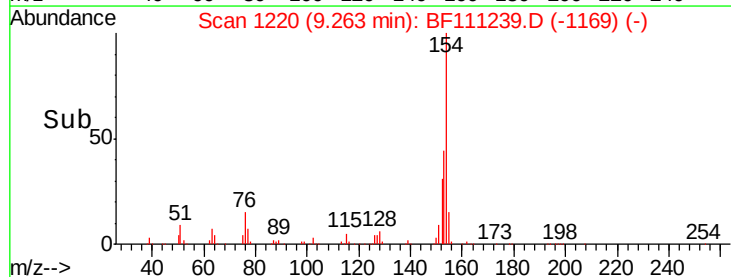
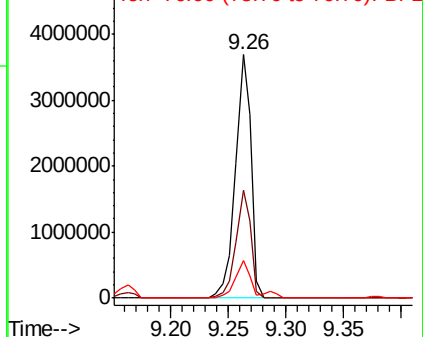


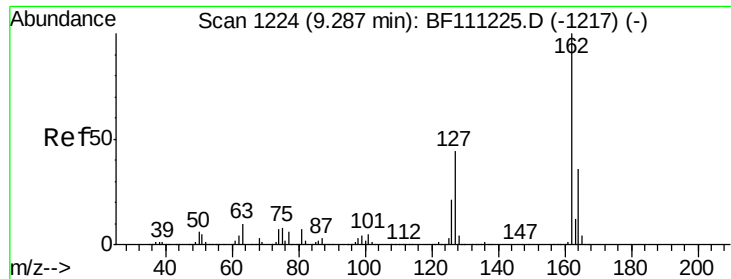
#46
1,1'-Biphenyl
Concen: 37.095 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:154 Resp: 3438021
Ion Ratio Lower Upper
154 100
153 44.4 23.7 63.7
76 15.3 0.0 35.0



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

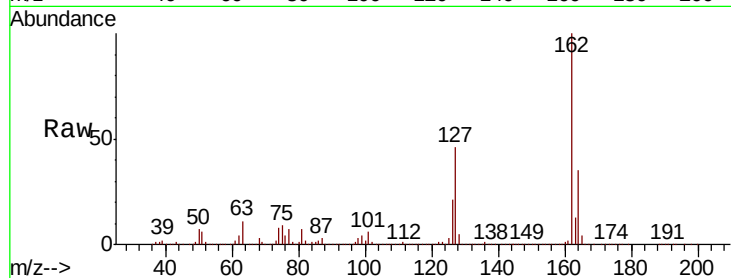




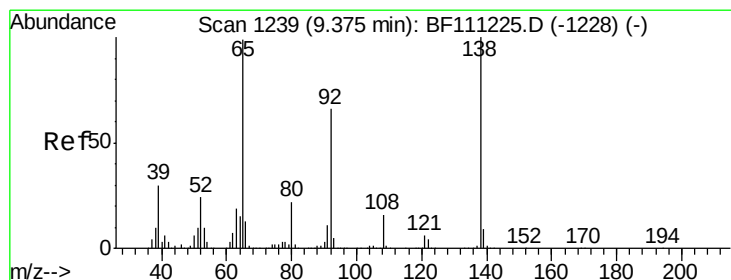
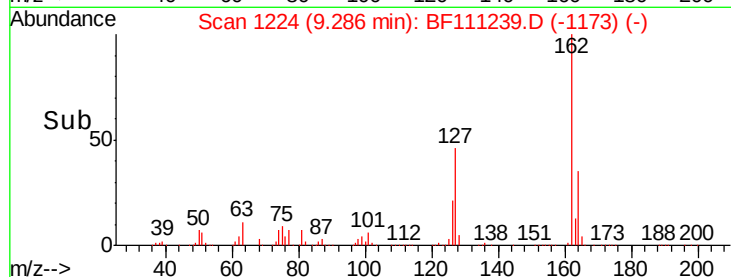
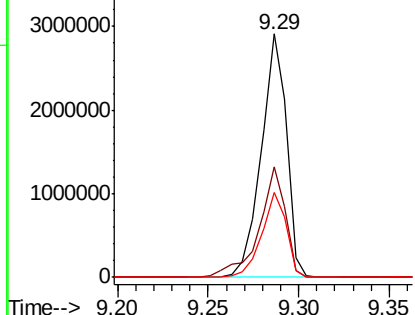
#47
2-Chloronaphthalene
Concen: 38.442 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 2819754
Ion Ratio Lower Upper
162 100
127 45.6 35.0 52.4
164 35.1 28.4 42.6

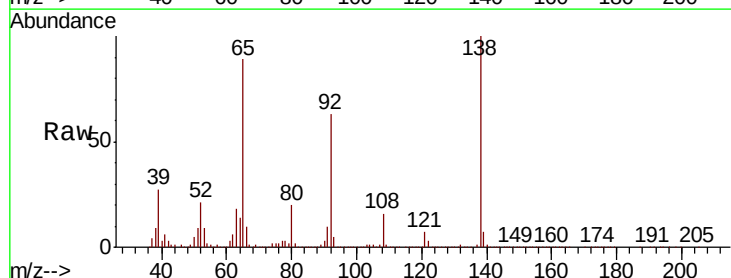


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

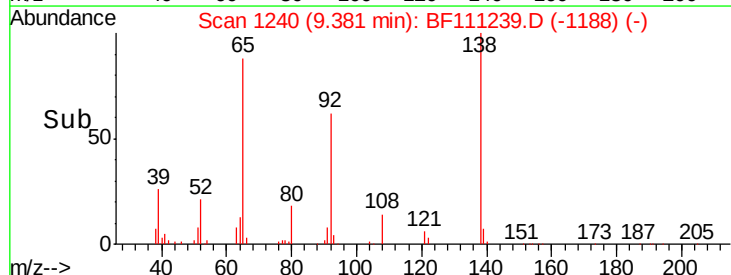
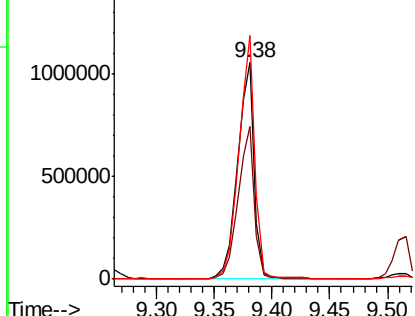


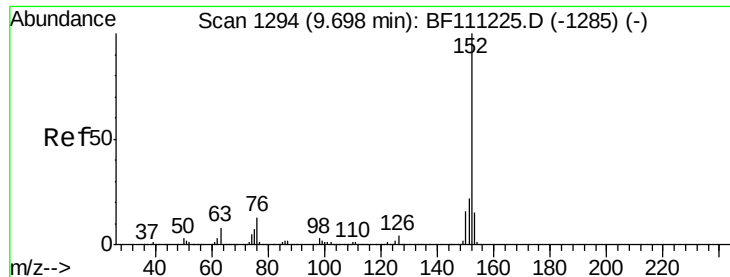
#48
2-Nitroaniline
Concen: 41.773 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion: 65 Resp: 1045239
Ion Ratio Lower Upper
65 100
92 70.5 53.5 80.3
138 112.7 80.9 121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.739 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

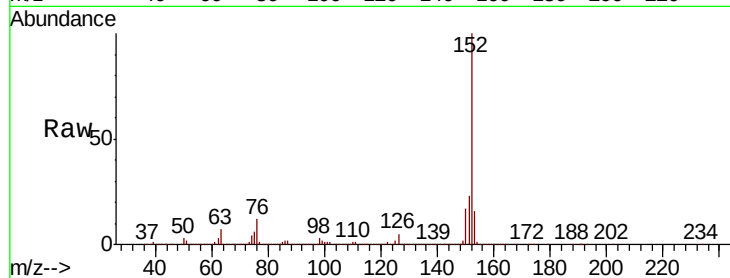
Tot Ion:152 Resp: 4231653

Ion Ratio Lower Upper

152 100

151 23.4 18.0 27.0

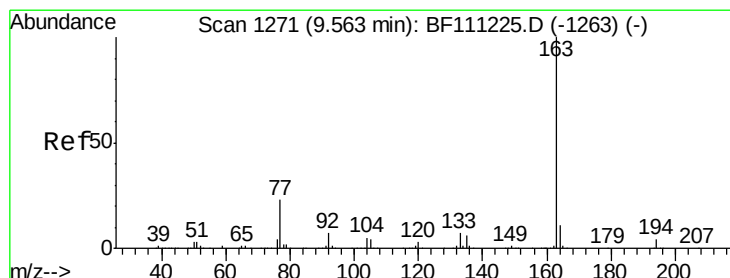
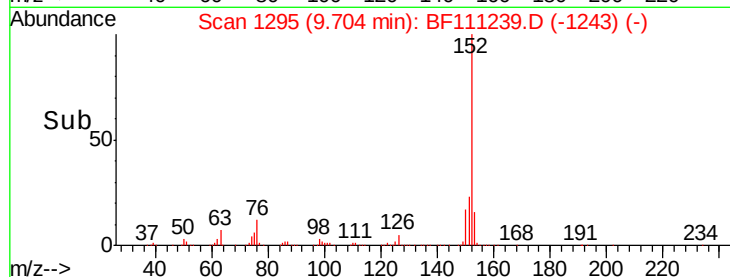
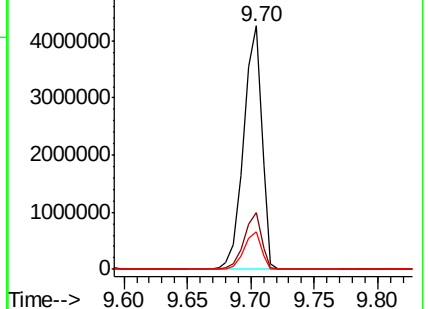
153 15.6 12.3 18.5



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: 43.857 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

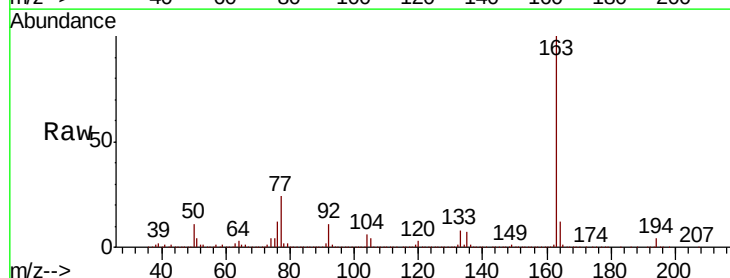
Tgt Ion:163 Resp: 3627630

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

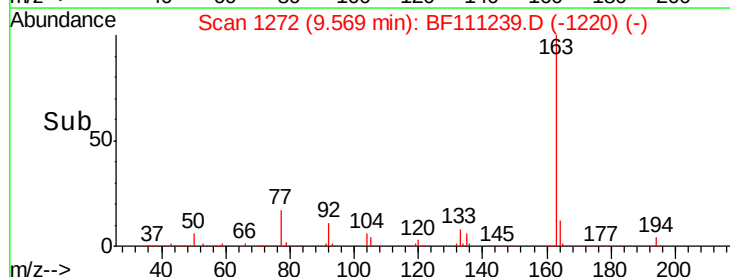
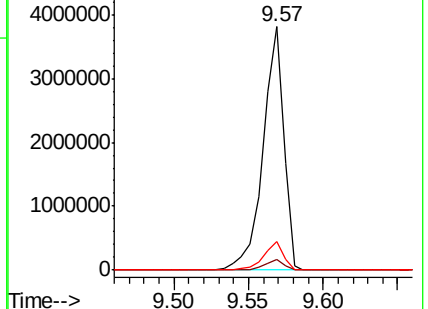
164 11.8 8.9 13.3

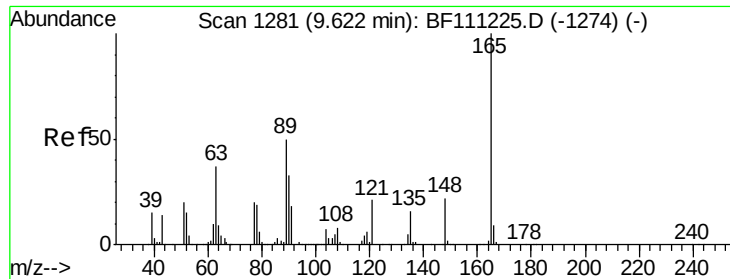


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

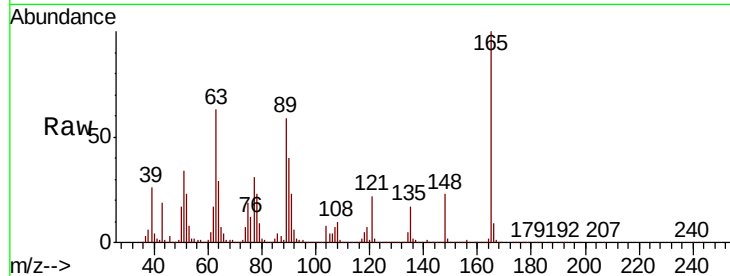




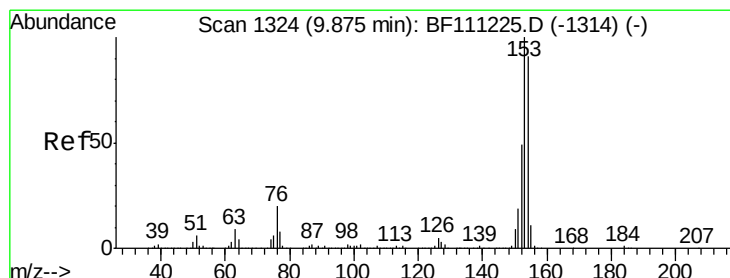
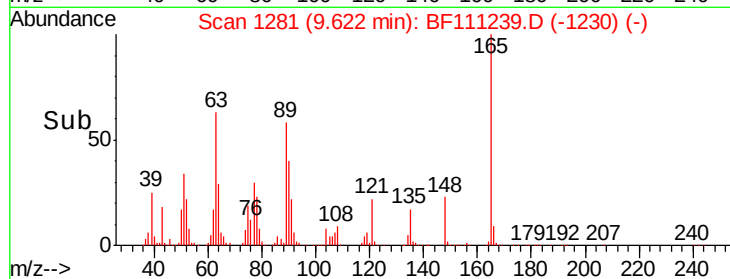
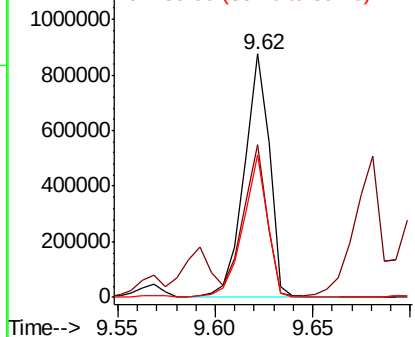
#51
 2,6-Dinitrotoluene
 Concen: 42.898 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 783598
 Ion Ratio Lower Upper
 165 100
 63 62.8 40.5 60.7#
 89 58.5 40.0 60.0

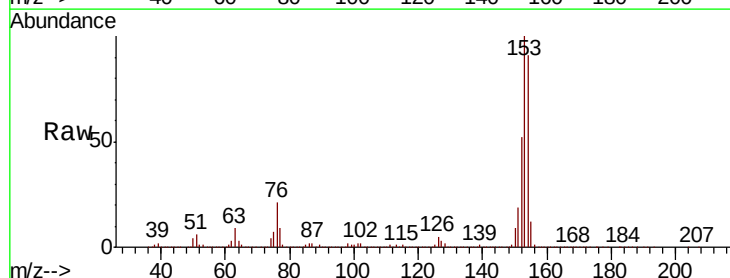


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

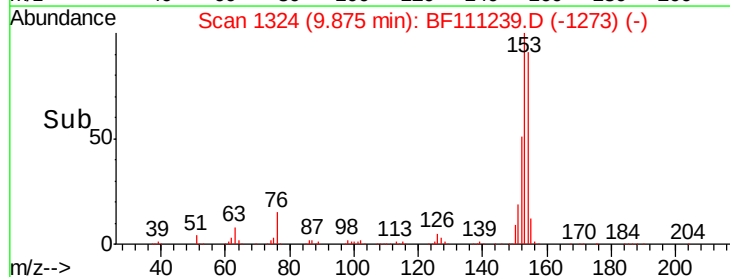
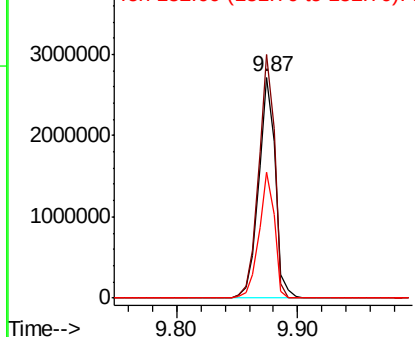


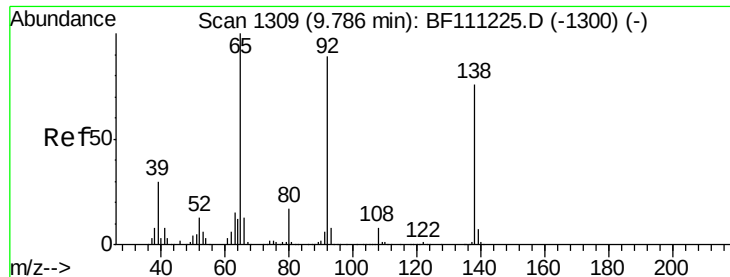
#52
 Acenaphthene
 Concen: 39.318 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion:154 Resp: 2627383
 Ion Ratio Lower Upper
 154 100
 153 110.1 87.8 131.8
 152 56.8 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

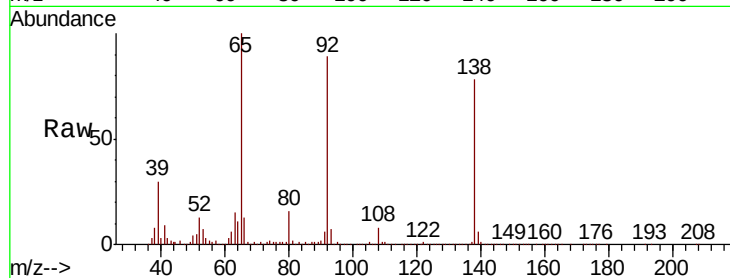




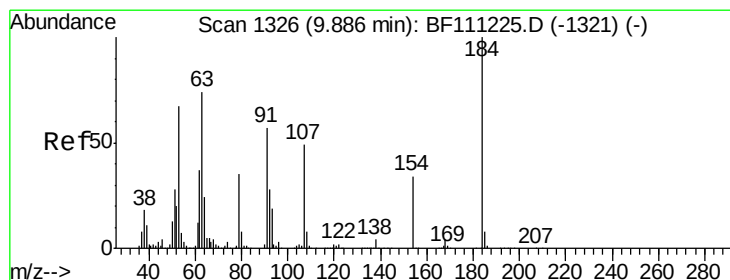
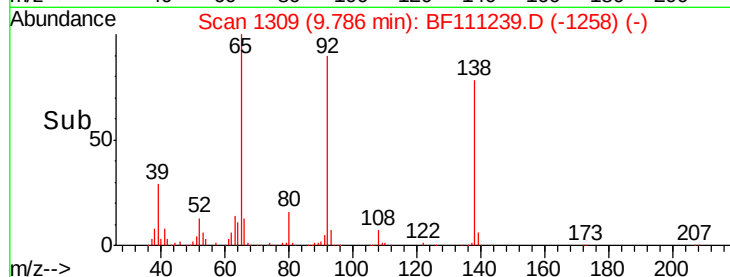
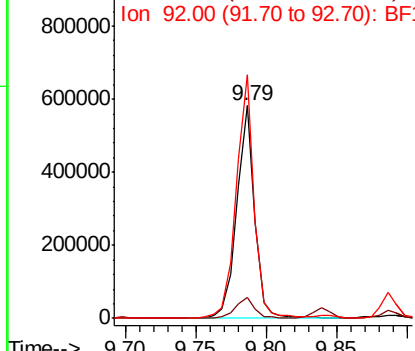
#53
3-Nitroaniline
Concen: 22.626 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 510138
Ion Ratio Lower Upper
138 100
108 9.6 8.2 12.4
92 114.5 93.4 140.2

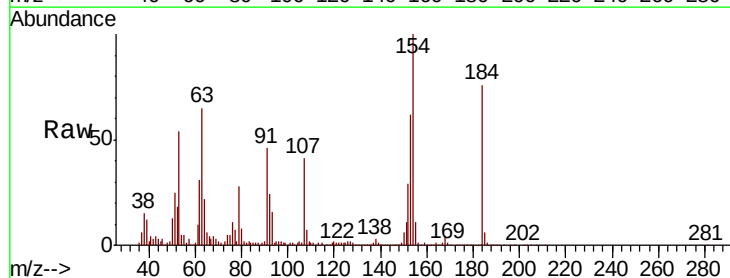


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

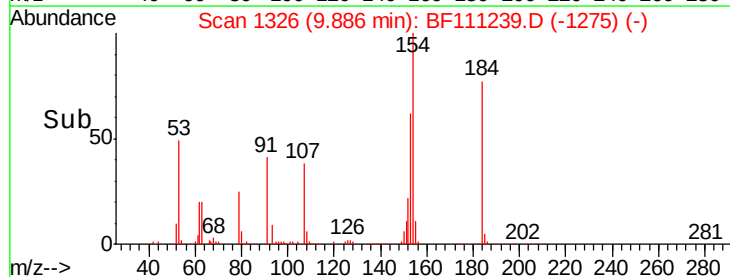
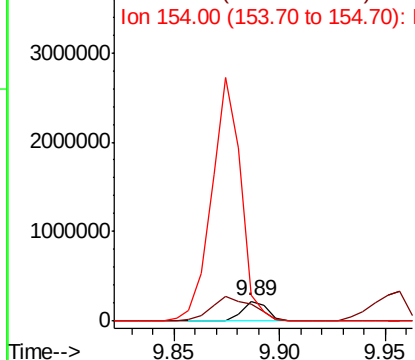


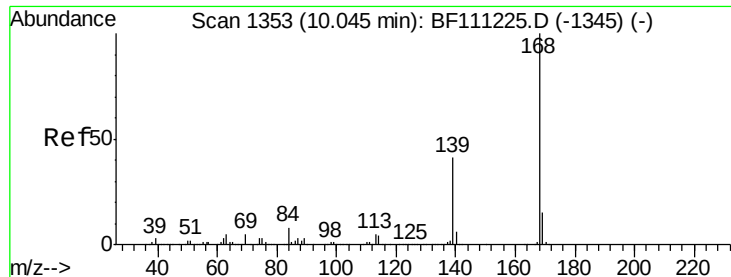
#54
2,4-Dinitrophenol
Concen: 25.648 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:184 Resp: 185137
Ion Ratio Lower Upper
184 100
63 84.9 62.3 93.5
154 130.9 56.2 84.2#



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

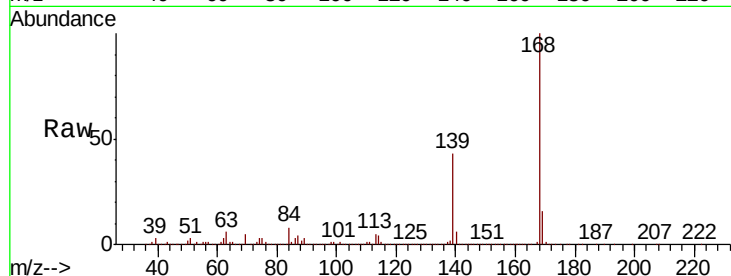




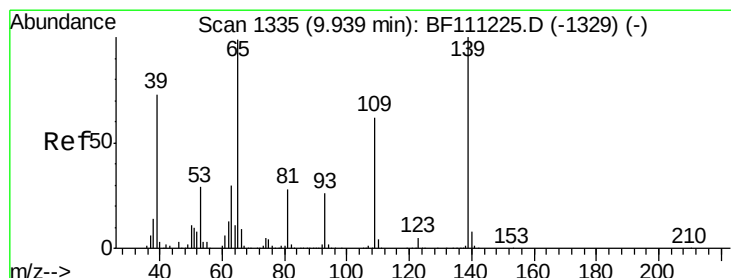
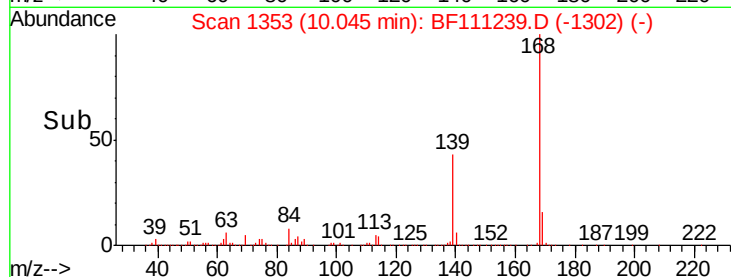
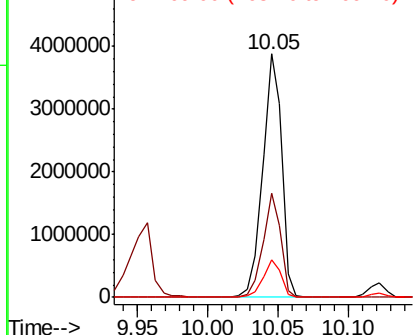
#55
Dibenzofuran
Concen: 40.703 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 3700303
Ion Ratio Lower Upper
168 100
139 42.7 32.6 49.0
169 15.7 11.8 17.6

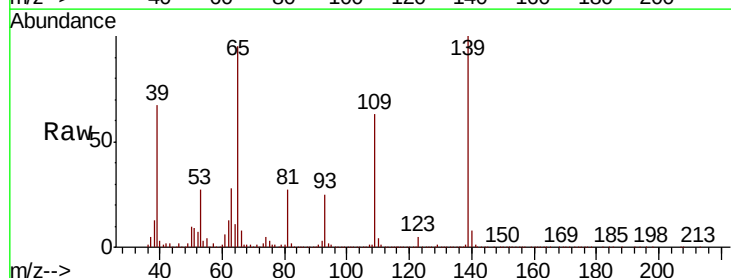


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

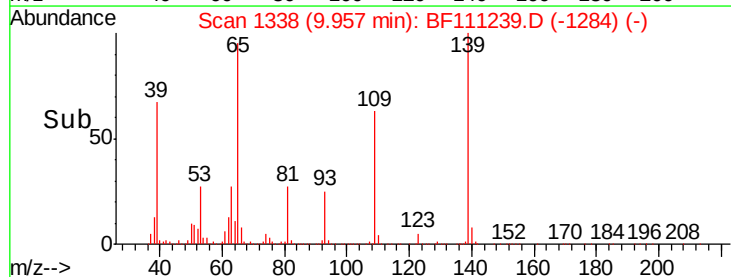
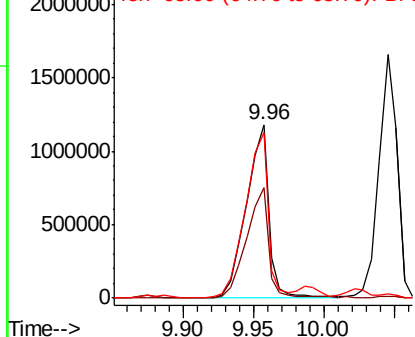


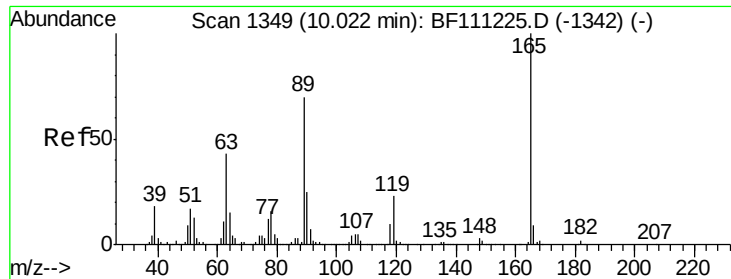
#56
4-Nitrophenol
Concen: 75.239 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:139 Resp: 1321206
Ion Ratio Lower Upper
139 100
109 63.5 41.8 81.8
65 95.3 79.6 119.6



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: 46.593 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 1049219

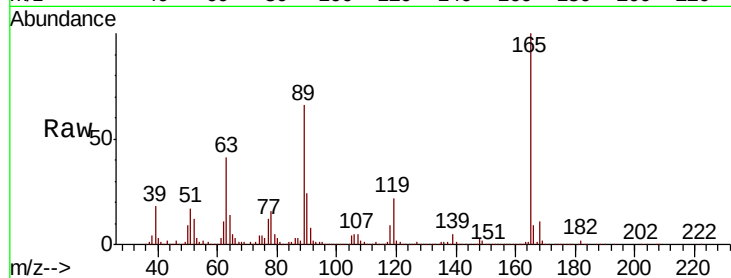
Ion Ratio Lower Upper

165 100

63 41.5 34.6 52.0

89 66.4 56.2 84.4

182 2.3 1.8 2.6

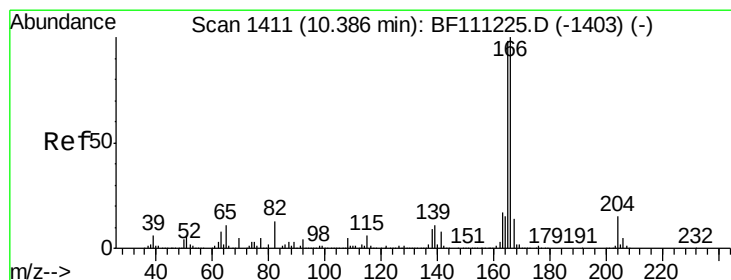
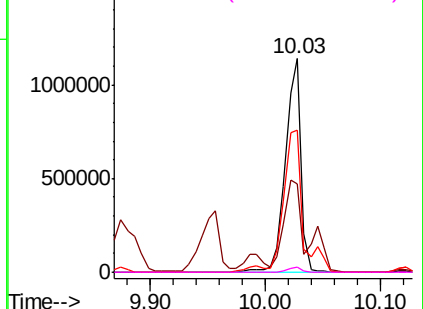
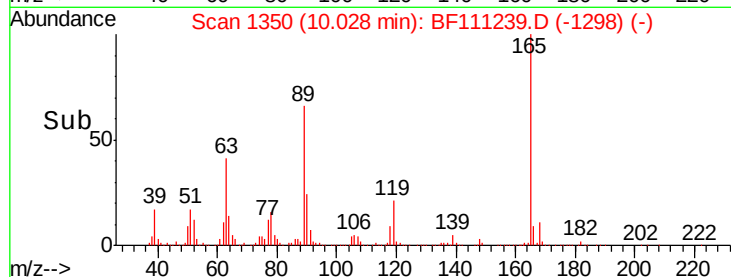


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.680 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

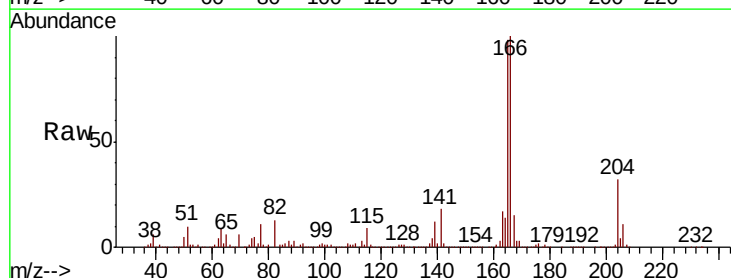
Tgt Ion:166 Resp: 2721114

Ion Ratio Lower Upper

166 100

165 97.6 78.4 117.6

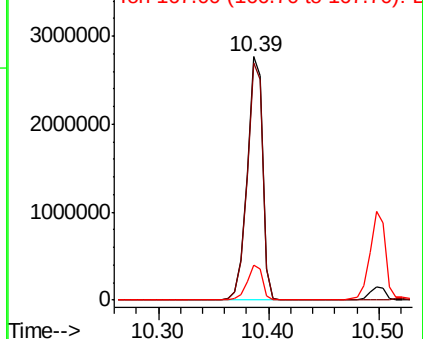
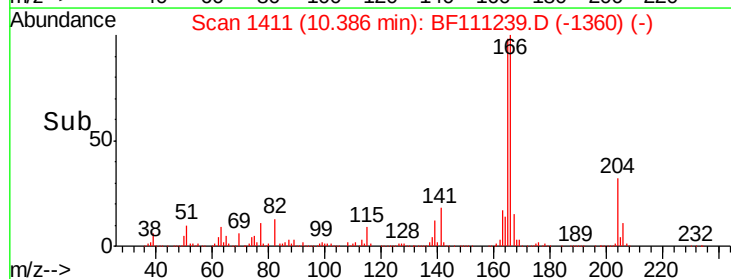
167 14.6 11.2 16.8

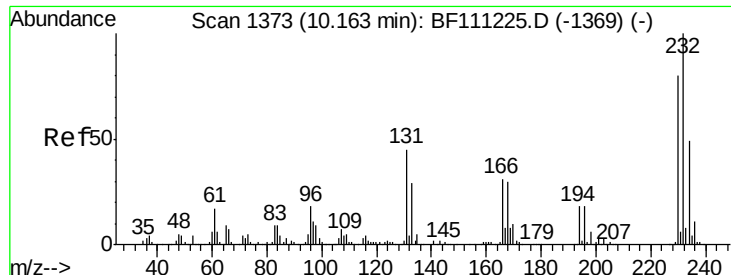


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

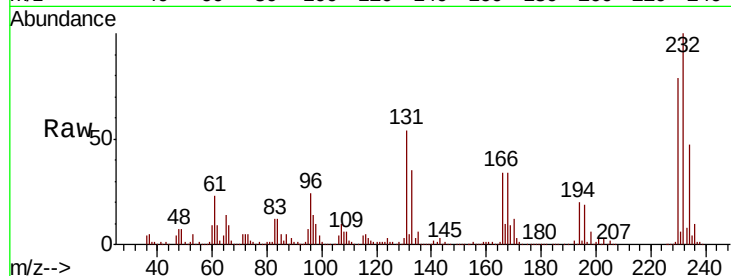




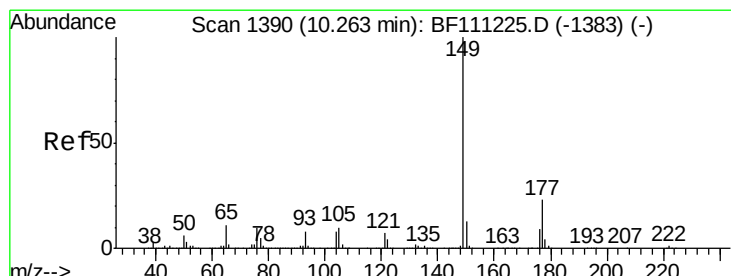
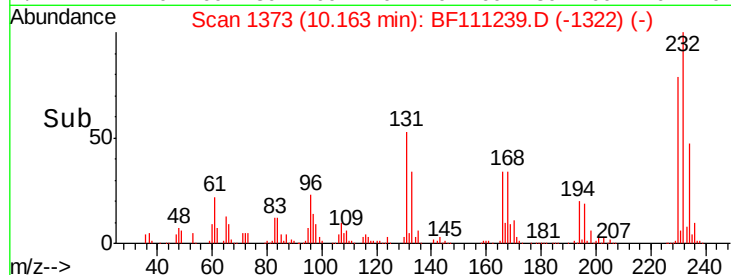
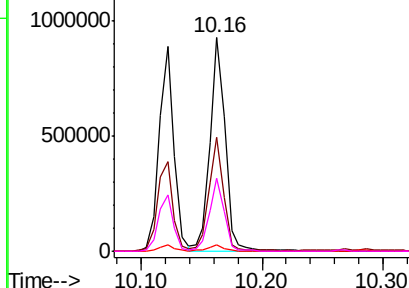
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.565 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	805435
Ion	Ratio	Lower	Upper
232	100		
131	51.1	40.9	61.3
130	2.7	2.0	3.0
166	33.0	26.8	40.2

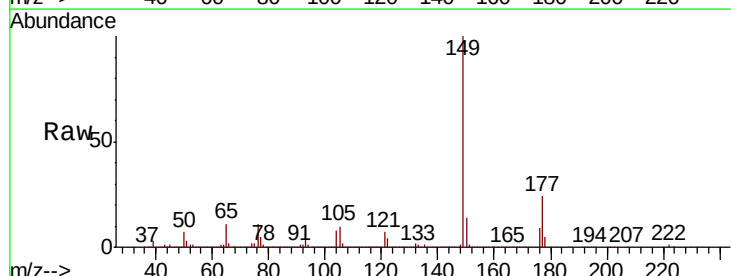


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

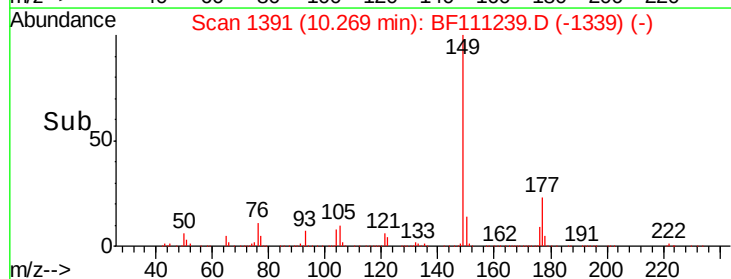
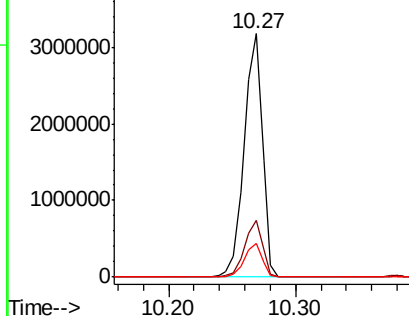


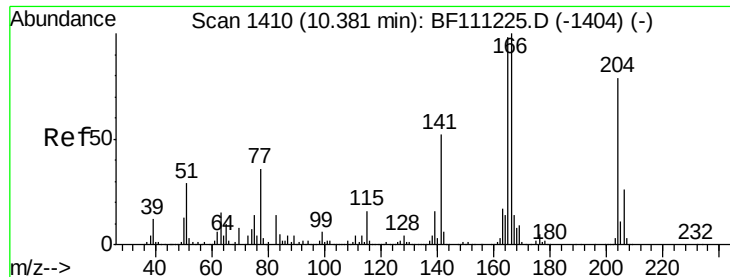
#60
 Diethylphthalate
 Concen: 40.043 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion:	149	Resp:	3157668
Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	14.0	10.6	15.8



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

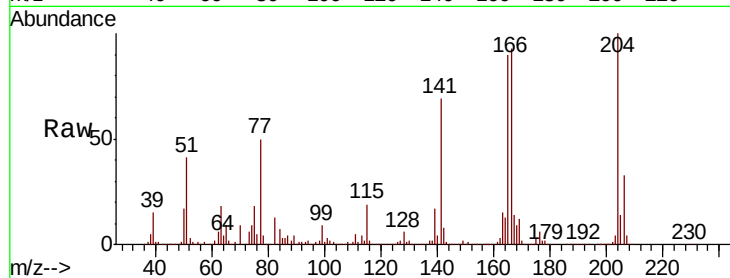




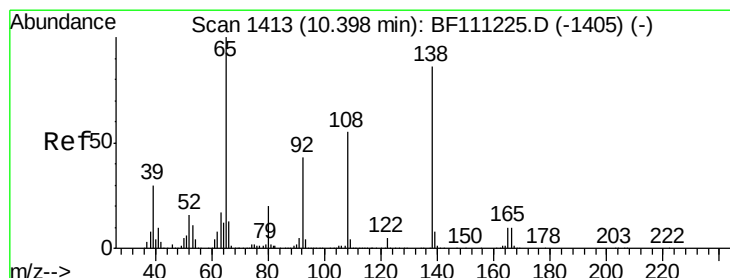
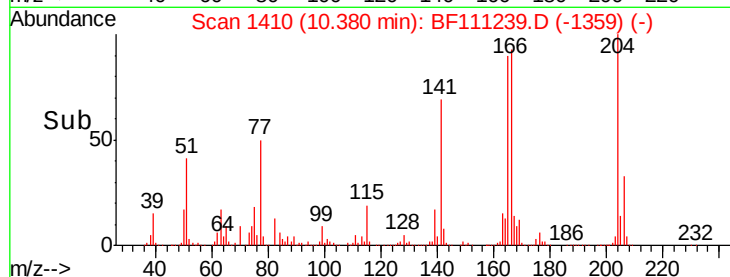
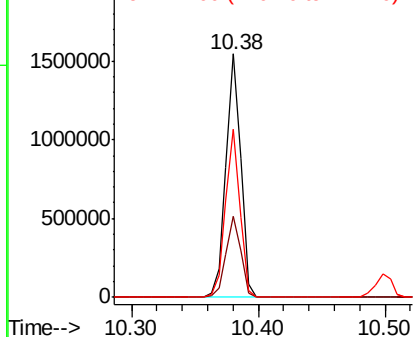
#61
4-Chlorophenyl-phenylether
Concen: 35.988 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 1257040
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 68.8 52.6 78.8

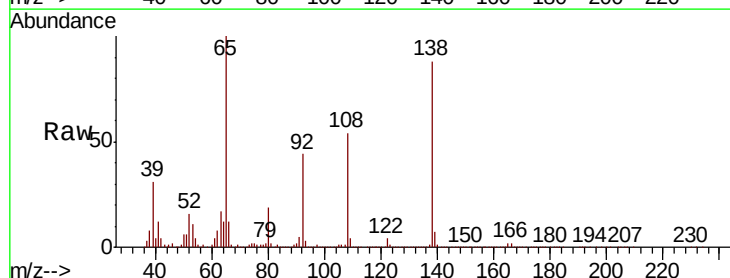


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

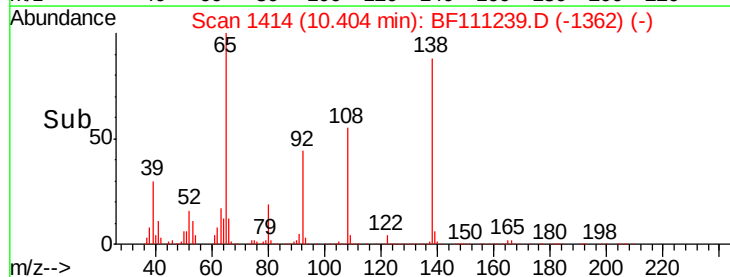
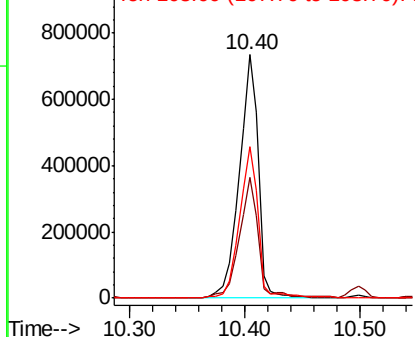


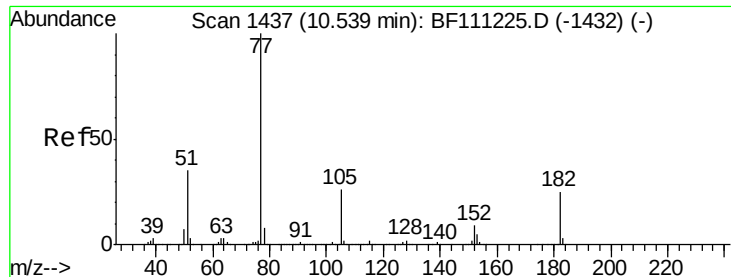
#62
4-Nitroaniline
Concen: 39.335 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:138 Resp: 839162
Ion Ratio Lower Upper
138 100
92 49.8 29.9 69.9
108 62.1 43.2 83.2



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: 38.527 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 3154232

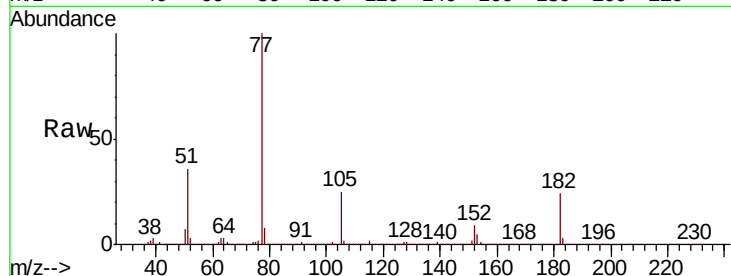
Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.9	44.9
105	25.4	6.0	46.0
51	35.8	14.7	54.7

77 100

182 23.8 4.9 44.9

105 25.4 6.0 46.0

51 35.8 14.7 54.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

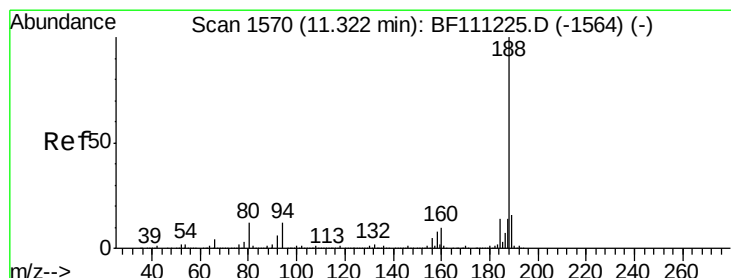
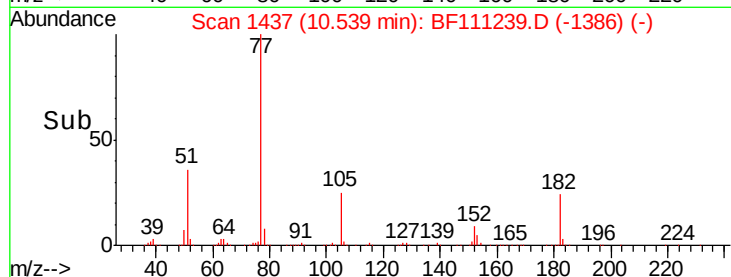
Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

10.54

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

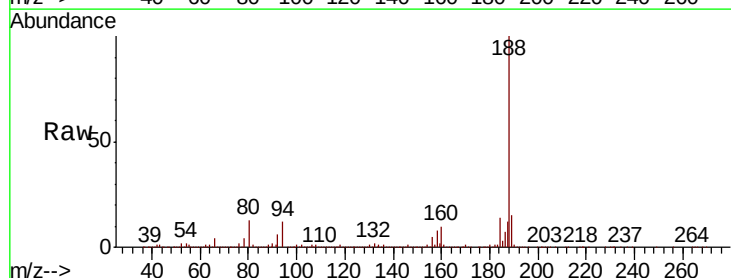
Tgt Ion: 188 Resp: 1810762

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.6	14.4
80	12.9	9.8	14.6

188 100

94 11.6 9.6 14.4

80 12.9 9.8 14.6



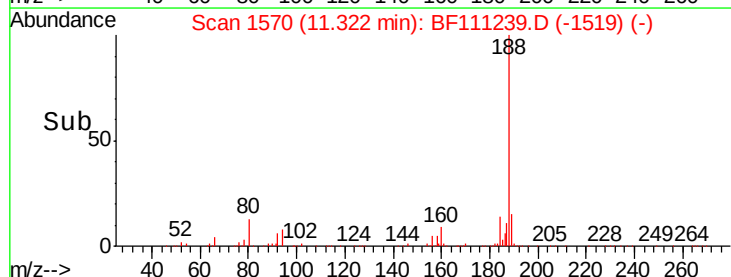
Abundance Ion 188.00 (187.70 to 188.70): BF1

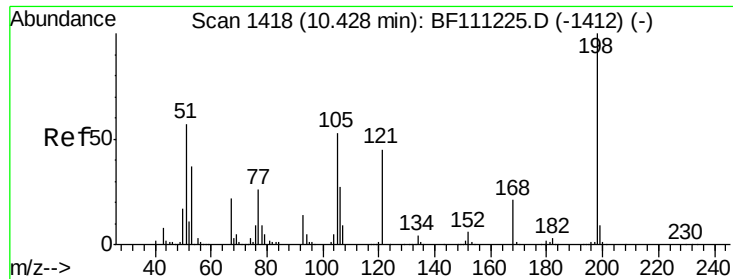
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.32

Time-->

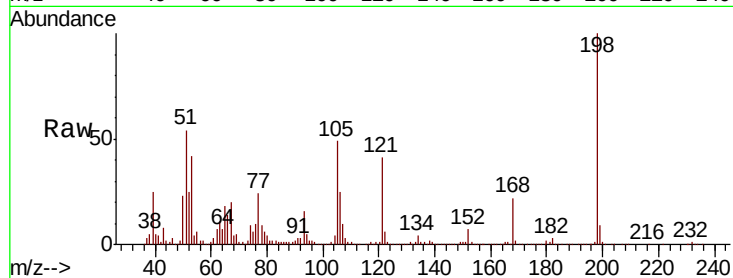




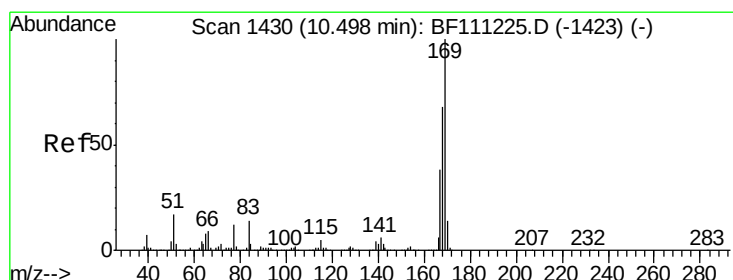
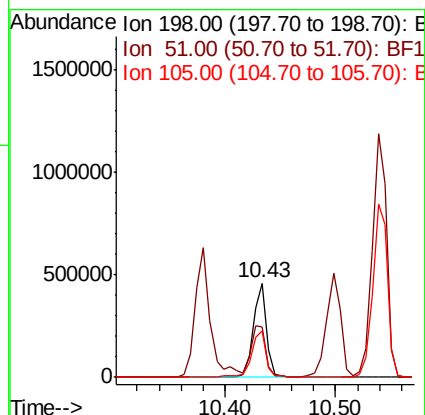
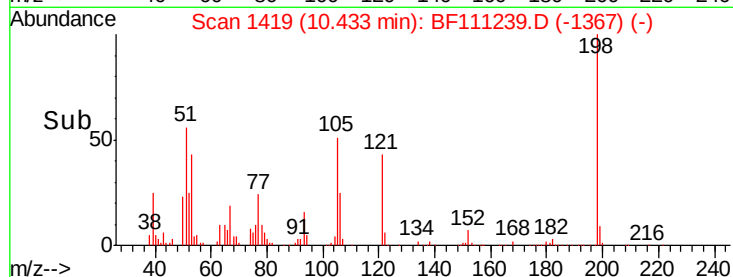
#65
4,6-Dinitro-2-methylphenol
Concen: 35.967 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 382849
Ion Ratio Lower Upper
198 100
51 53.5 48.0 88.0
105 48.9 34.0 74.0

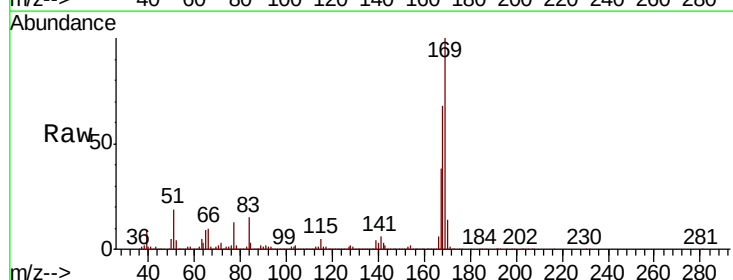


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

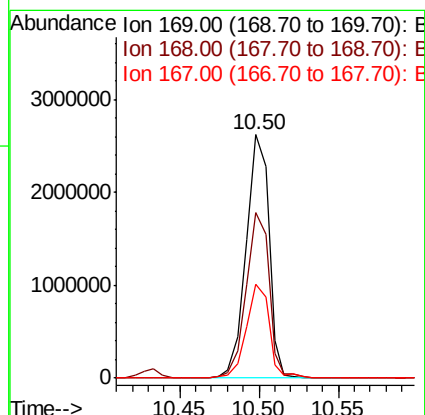
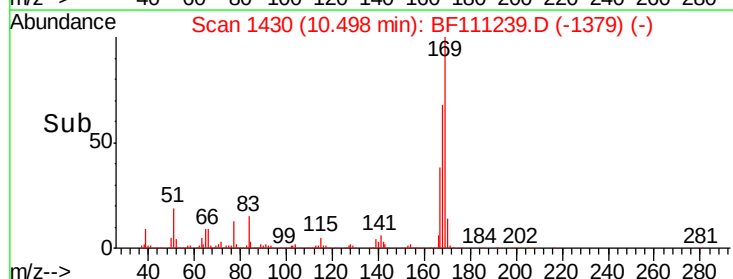


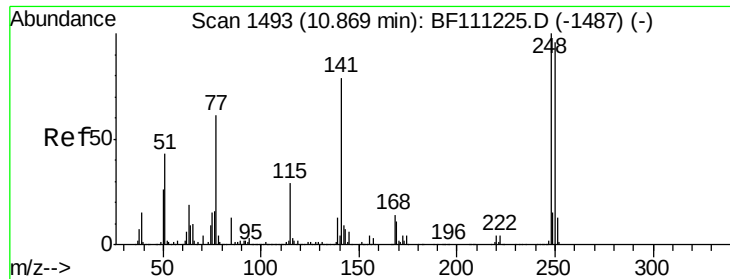
#66
n-Nitrosodiphenylamine
Concen: 42.509 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:169 Resp: 2620253
Ion Ratio Lower Upper
169 100
168 67.8 54.4 81.6
167 38.5 30.5 45.7



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

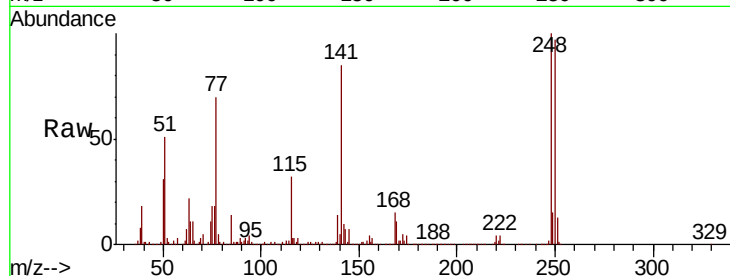




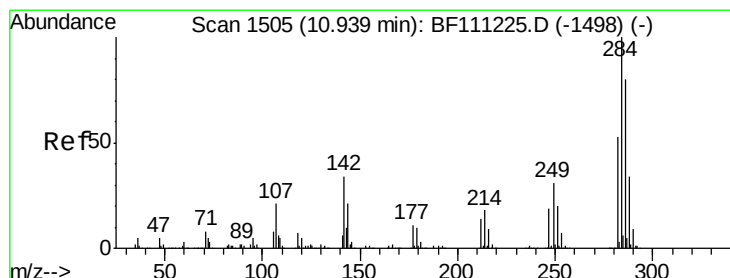
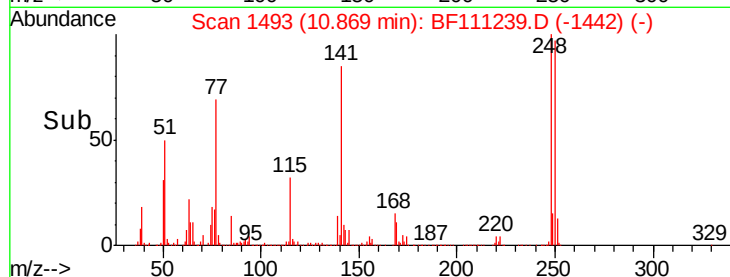
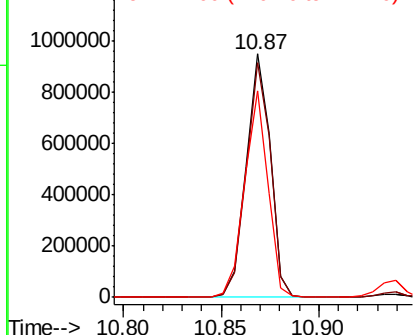
#67
4-Bromophenyl-phenylether
Concen: 40.966 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 812472
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.4
141 85.0 63.0 94.6

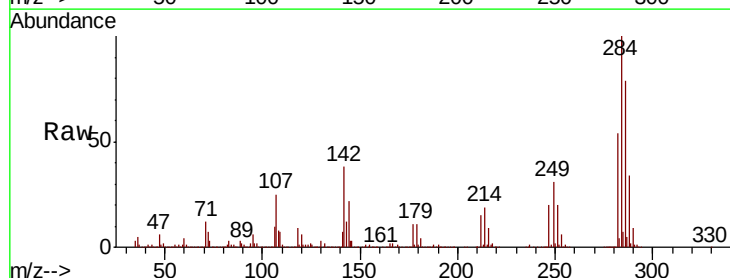


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

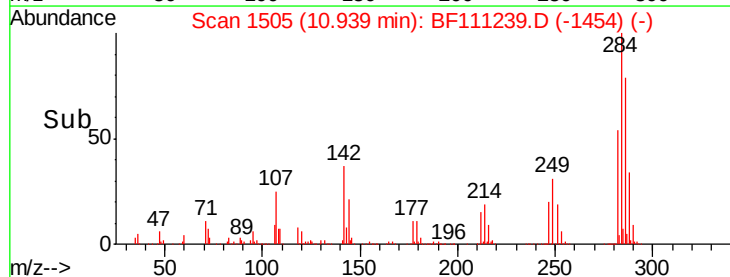
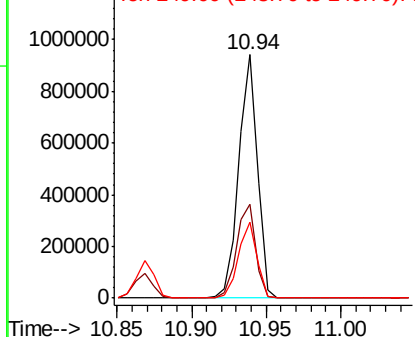


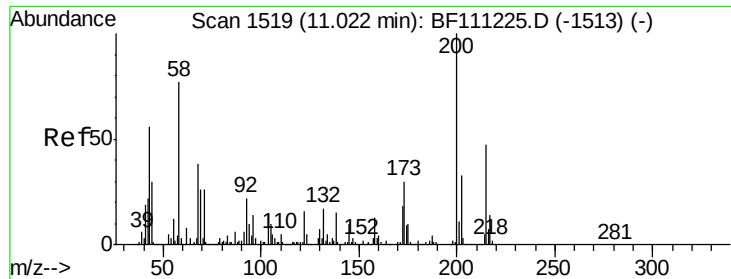
#68
Hexachlorobenzene
Concen: 40.775 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:284 Resp: 822658
Ion Ratio Lower Upper
284 100
142 38.4 27.4 41.2
249 31.1 24.4 36.6



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

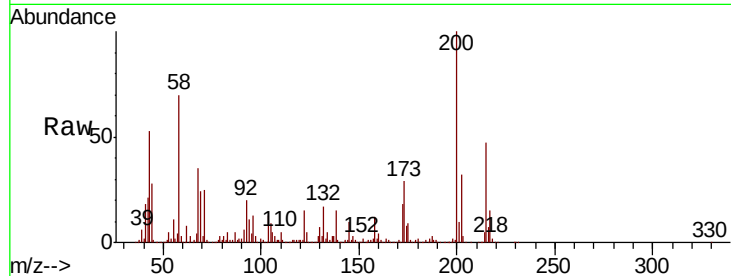




#69
Atrazine
Concen: 44.270 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	10.1	50.1
215	46.6	26.9	66.9

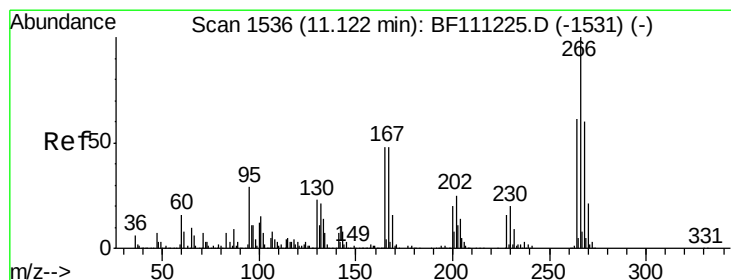
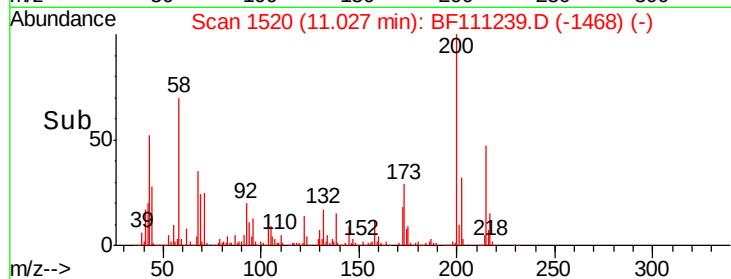
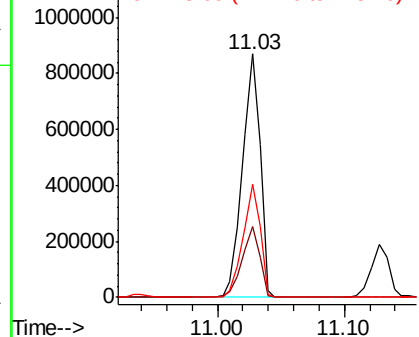


Abundance

Ion 200.00 (199.70 to 200.70): E

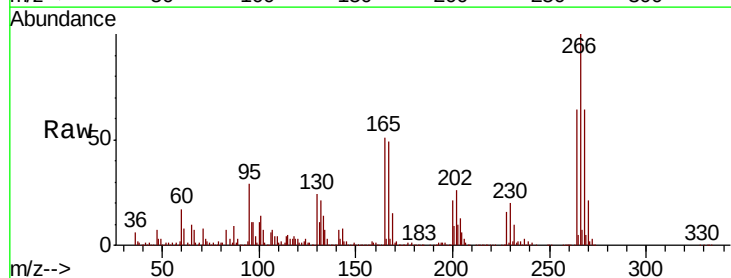
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 65.337 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	47.9	71.9
264	63.7	49.1	73.7

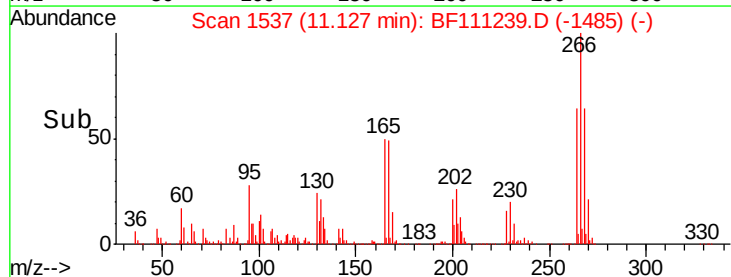
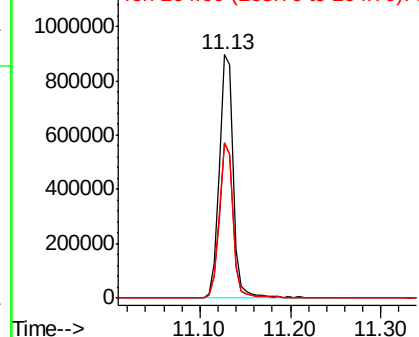


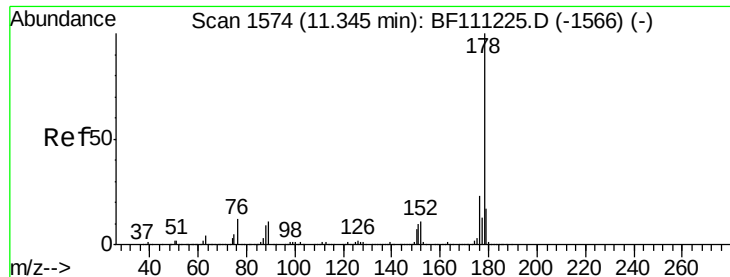
Abundance

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: 41.140 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

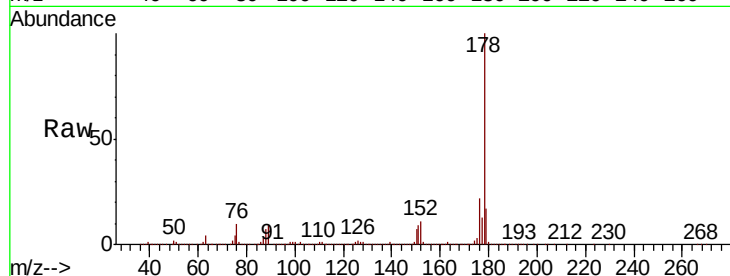
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 3757417

Ion	Ratio	Lower	Upper
178	100		
176	22.4	18.1	27.1
179	17.3	14.0	21.0

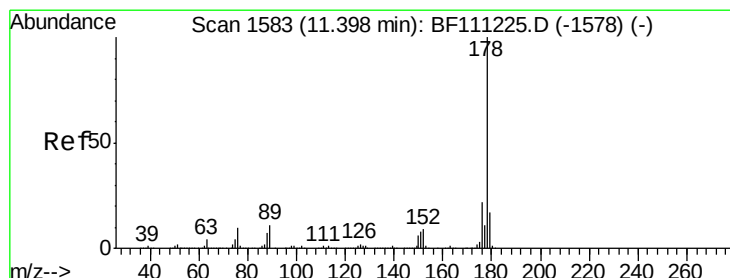
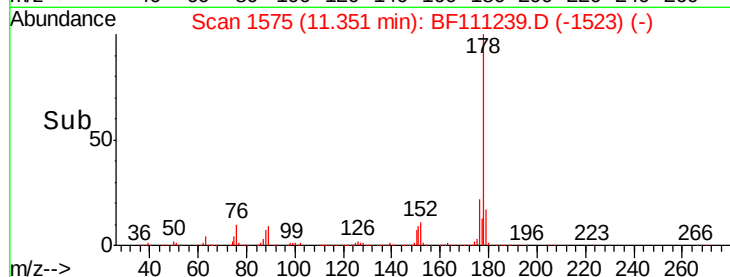
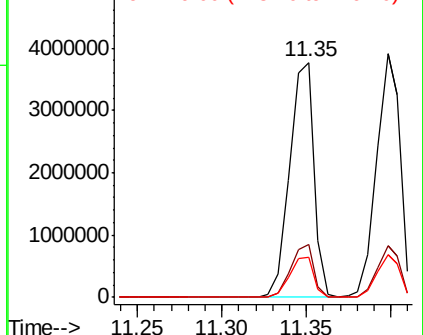


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.062 ng

RT: 11.40 min Scan# 1583

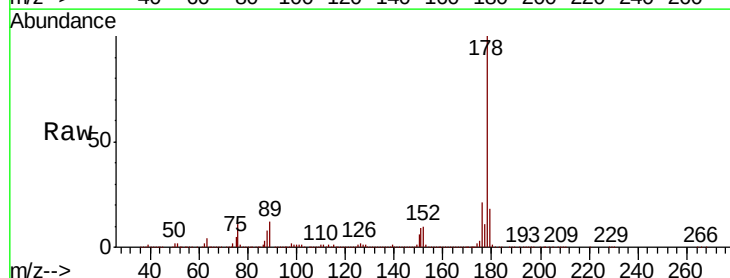
Delta R.T. 0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Tgt Ion:178 Resp: 3828044

Ion	Ratio	Lower	Upper
178	100		
176	21.3	17.2	25.8
179	17.8	13.8	20.8

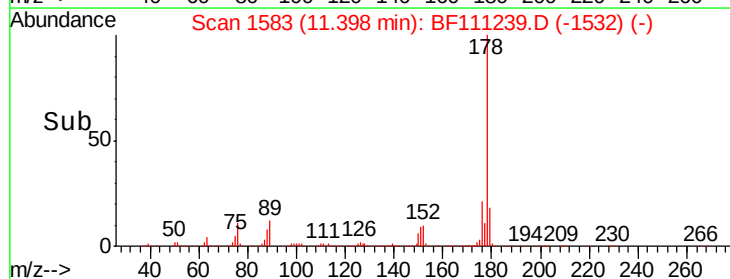
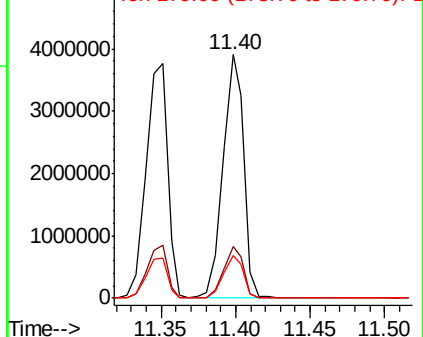


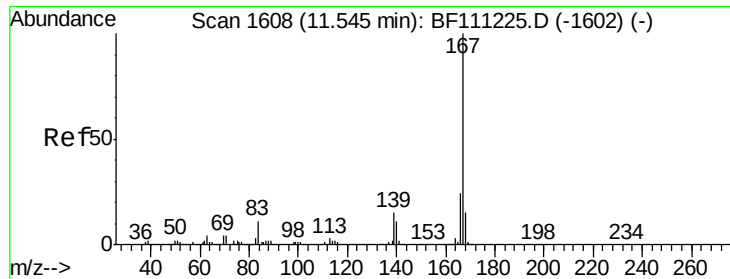
Abundance

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

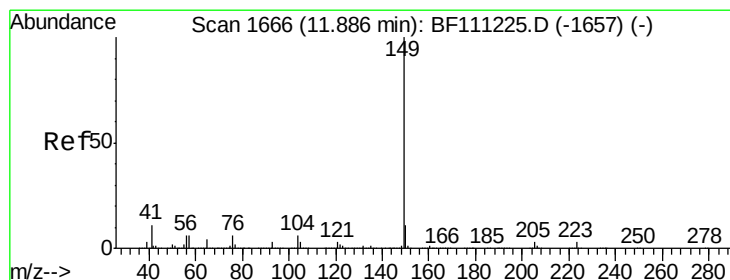
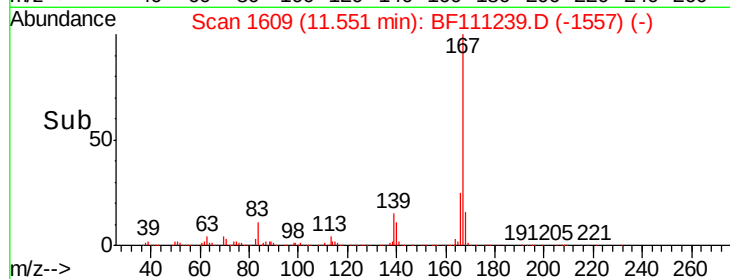
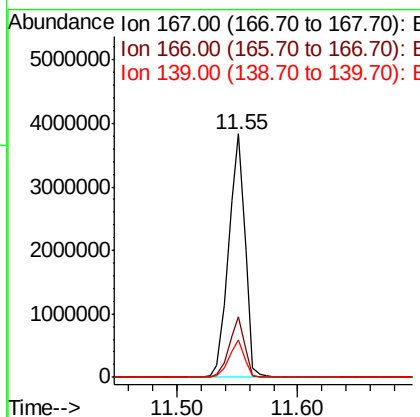
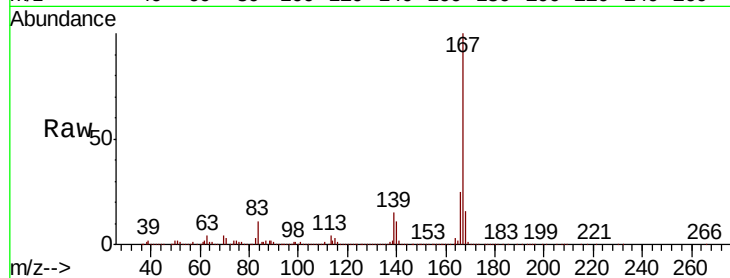




#73
 Carbazole
 Concen: 36.189 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

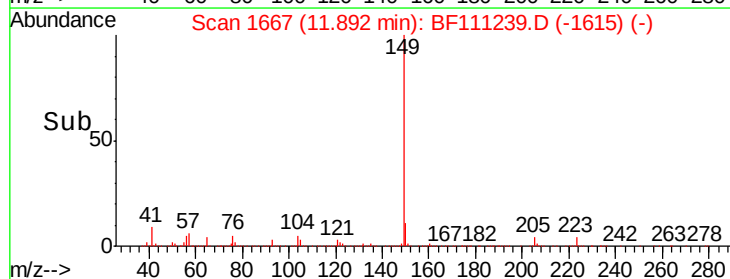
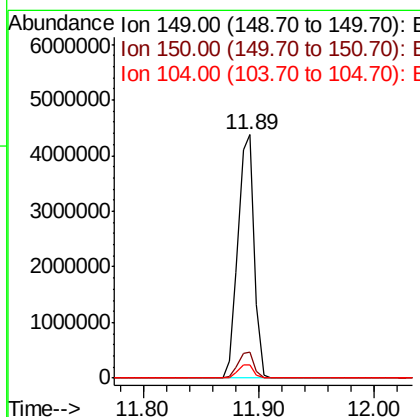
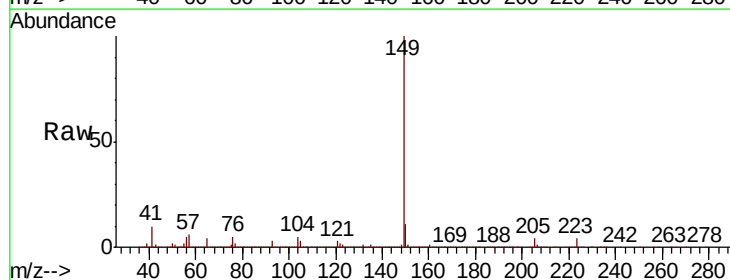
Instrument :
 BNA_F
 ClientSampled :

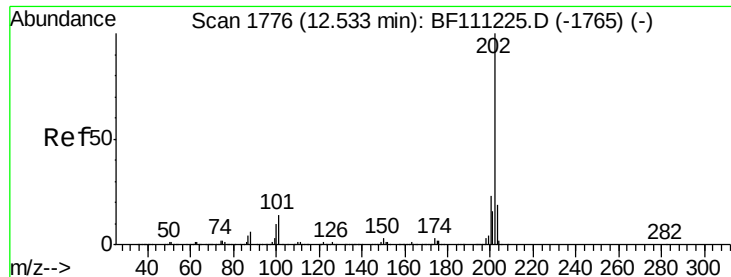
Tot Ion:167 Resp: 3615778
 Ion Ratio Lower Upper
 167 100
 166 24.8 19.3 28.9
 139 15.4 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 41.628 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion:149 Resp: 4275091
 Ion Ratio Lower Upper
 149 100
 150 10.8 8.8 13.2
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 40.987 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampled :

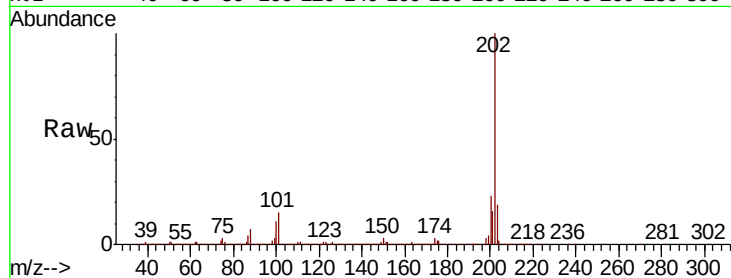
Tot Ion:202 Resp: 3419662

Ion Ratio Lower Upper

202 100

101 15.3 0.0 33.8

203 19.4 0.0 38.6

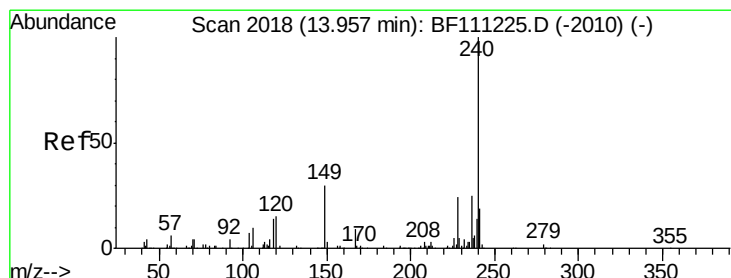
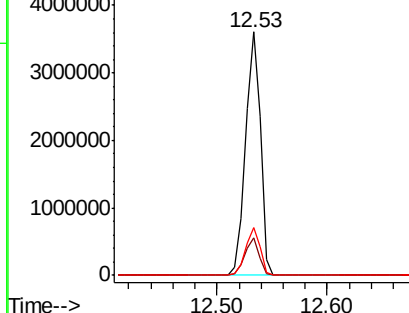
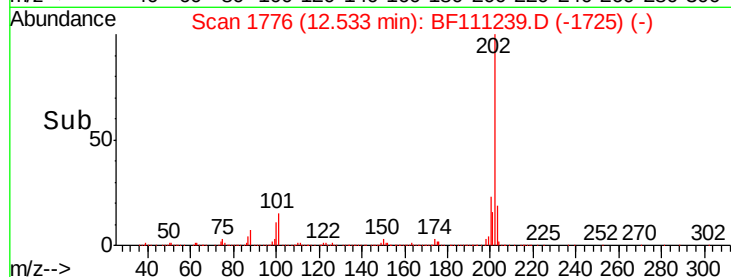


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

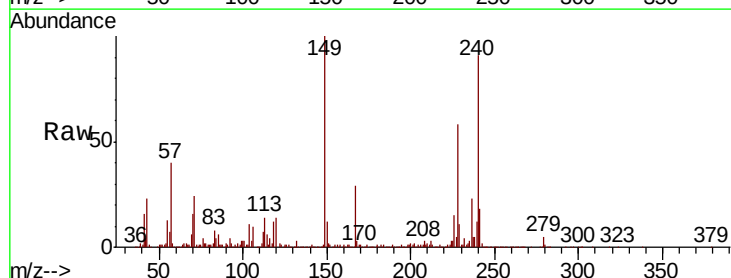
Tgt Ion:240 Resp: 839130

Ion Ratio Lower Upper

240 100

120 15.1 12.2 18.2

236 25.2 20.2 30.2

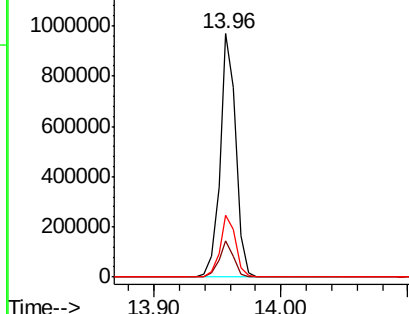
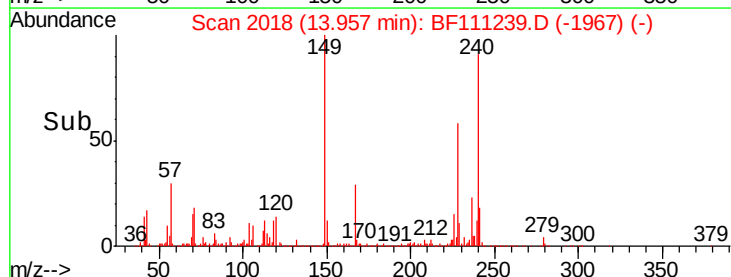


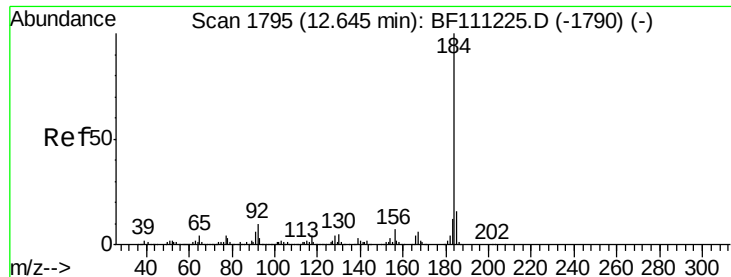
Abundance

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: 17.256 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

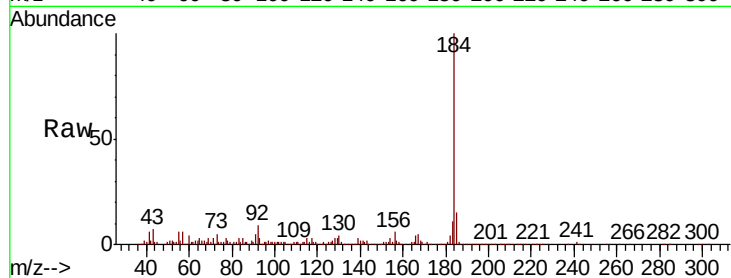
Tot Ion:184 Resp: 429935

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

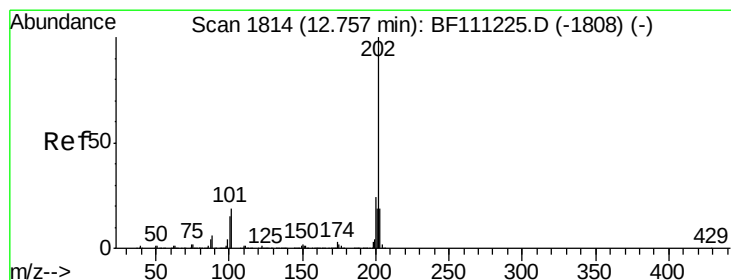
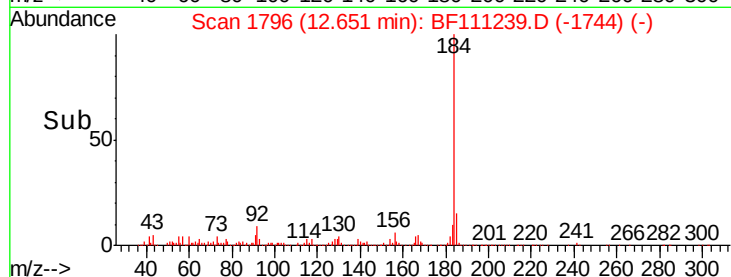
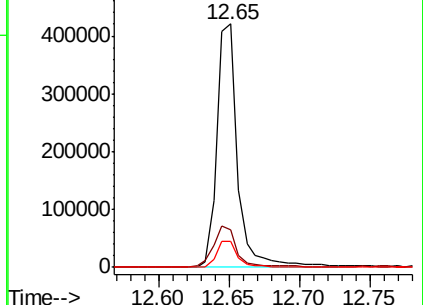
183 10.5 9.3 13.9



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: 56.087 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

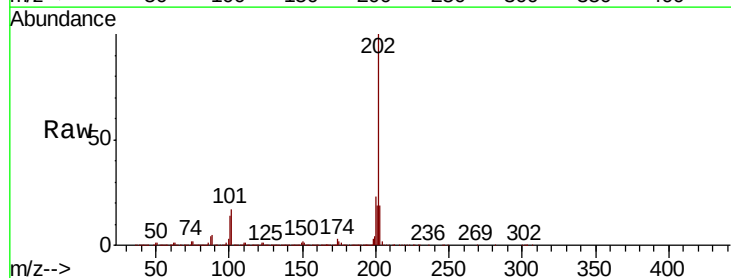
Tgt Ion:202 Resp: 3363265

Ion Ratio Lower Upper

202 100

200 23.5 19.0 28.4

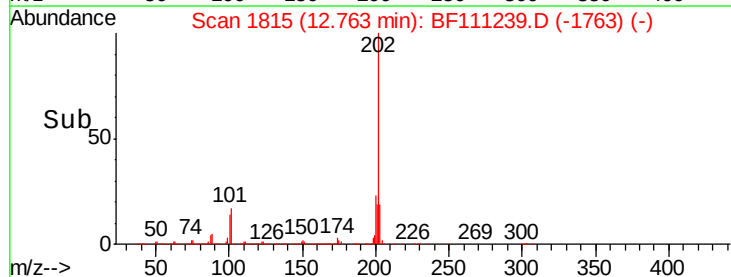
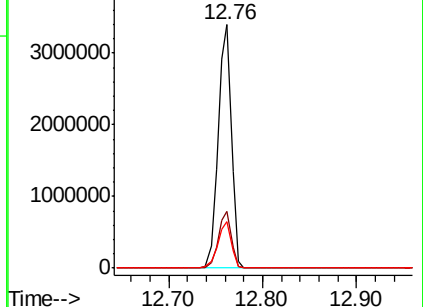
203 19.1 15.2 22.8

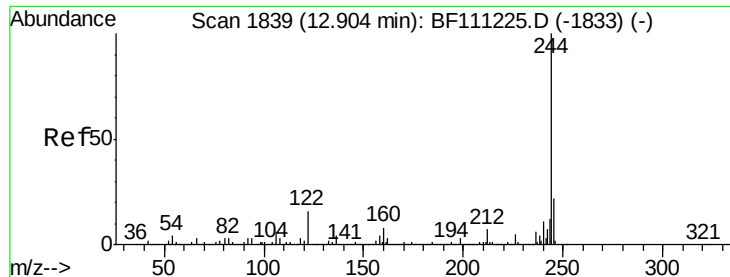


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.263 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

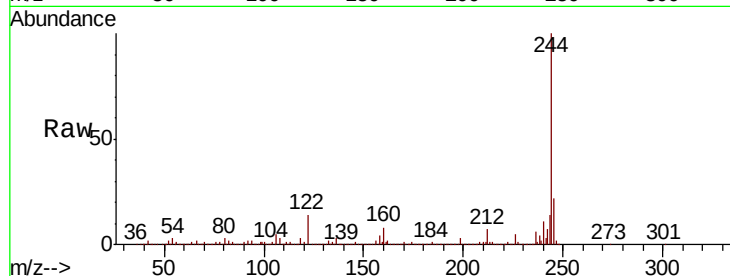
Tot Ion:244 Resp: 3472575

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

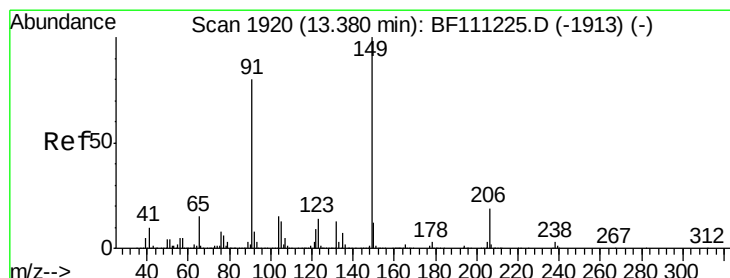
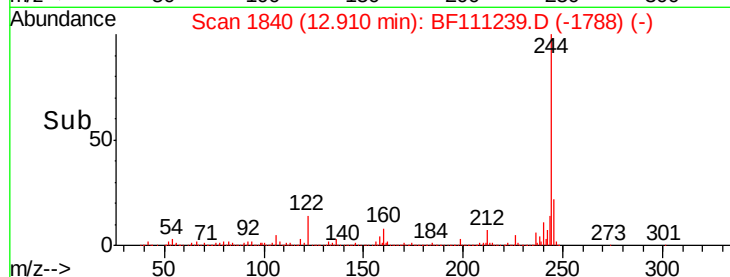
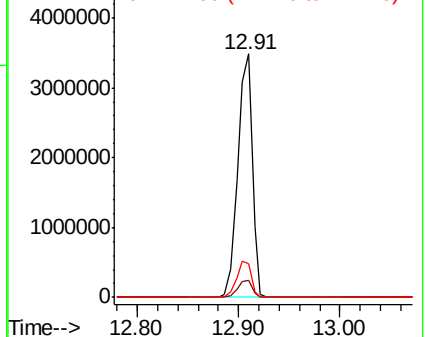
122 14.0 13.1 19.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.555 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

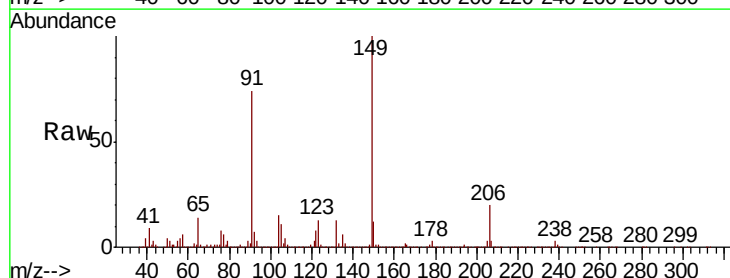
Tgt Ion:149 Resp: 1489462

Ion Ratio Lower Upper

149 100

91 74.1 63.8 95.6

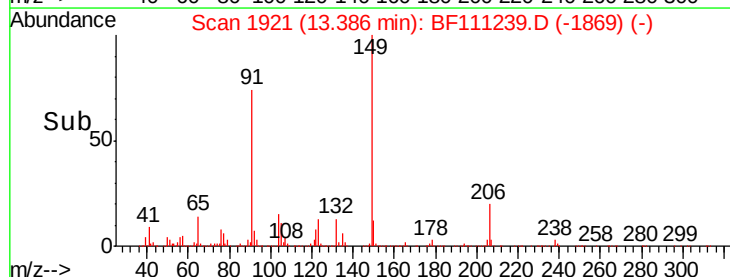
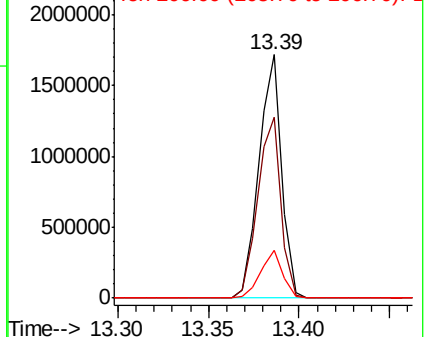
206 19.5 15.1 22.7

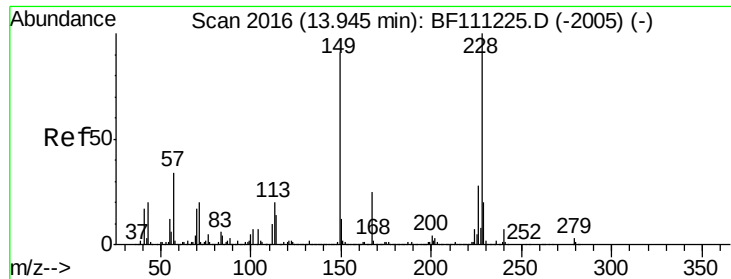


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

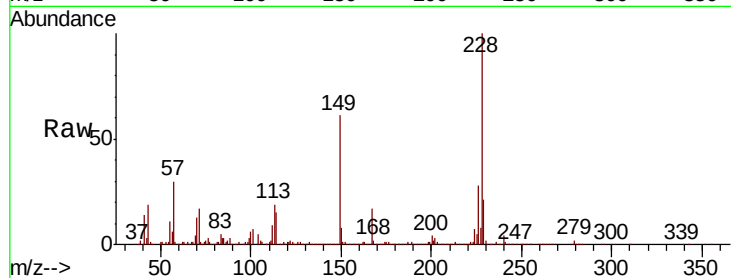




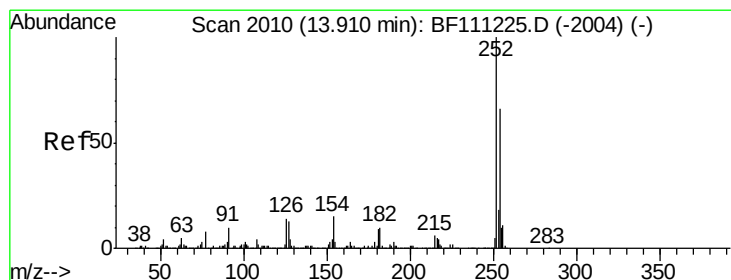
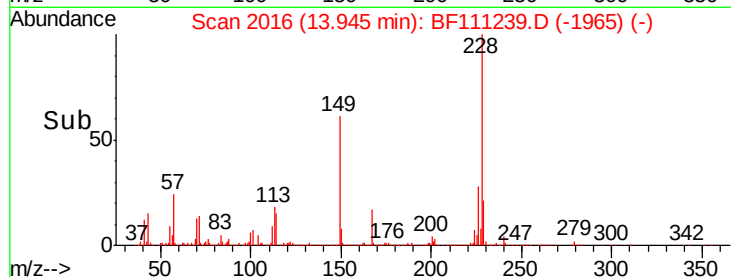
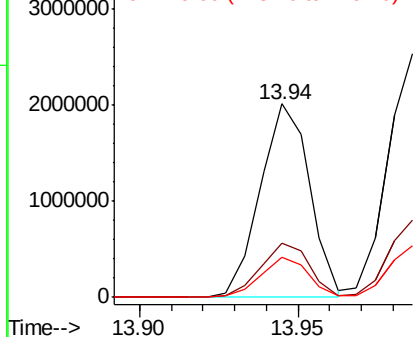
#81
Benzo(a)anthracene
Concen: 46.576 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 2180433
Ion Ratio Lower Upper
228 100
226 28.1 22.6 34.0
229 20.9 16.3 24.5

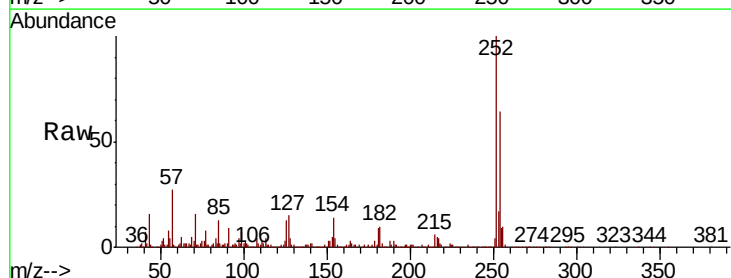


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

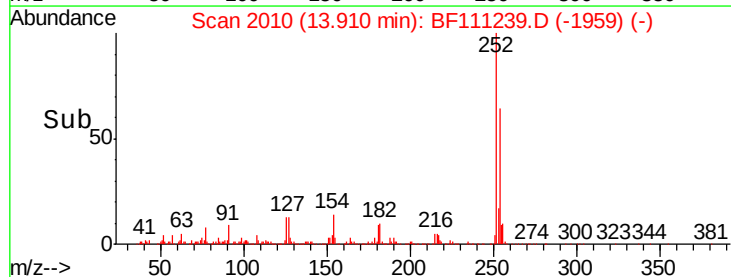
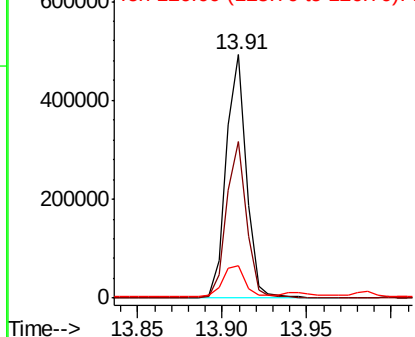


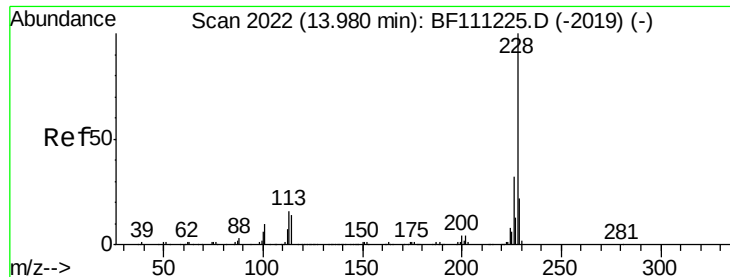
#82
3,3'-Dichlorobenzidine
Concen: 21.397 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:252 Resp: 410572
Ion Ratio Lower Upper
252 100
254 64.2 52.7 79.1
126 13.3 11.1 16.7



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

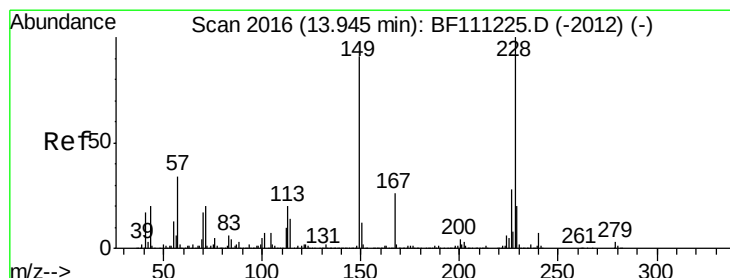
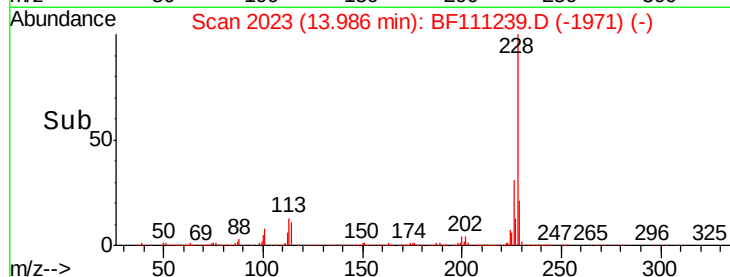
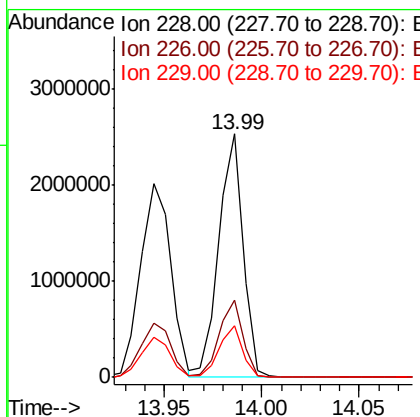
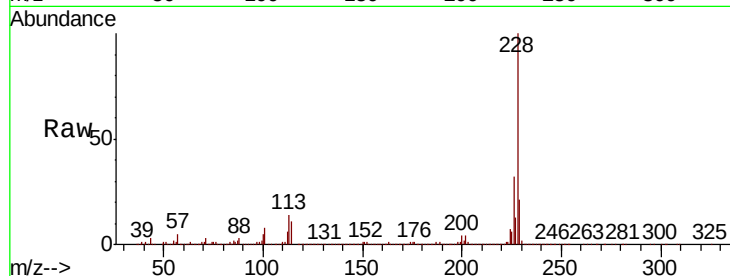




#83
 Chrysene
 Concen: 45.357 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

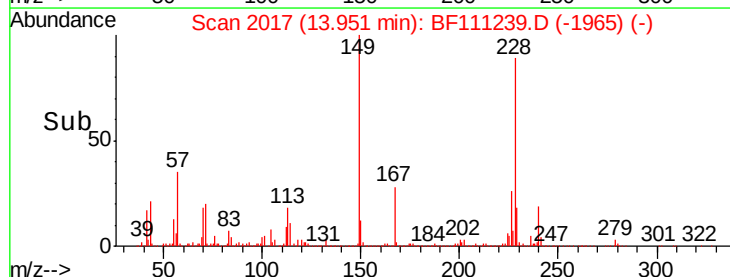
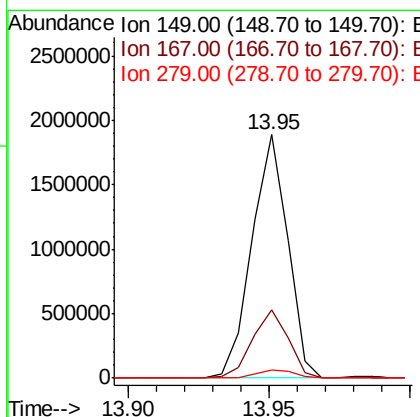
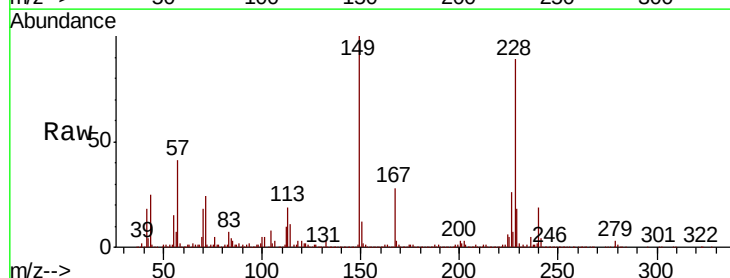
Instrument :
 BNA_F
 ClientSampleId :

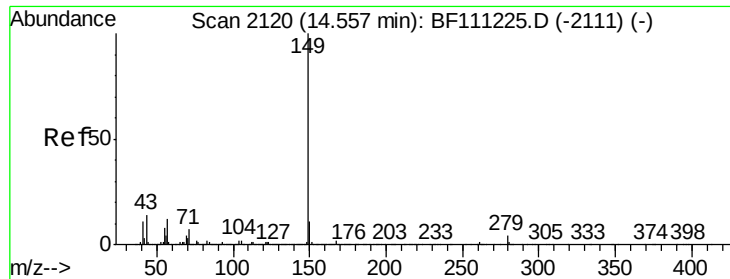
Tot Ion:228 Resp: 2189048
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.3 37.9
 229 21.0 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.666 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111239.D
 Acq: 10 Dec 2018 13:45

Tgt Ion:149 Resp: 1662359
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.5 33.7
 279 3.3 2.6 4.0

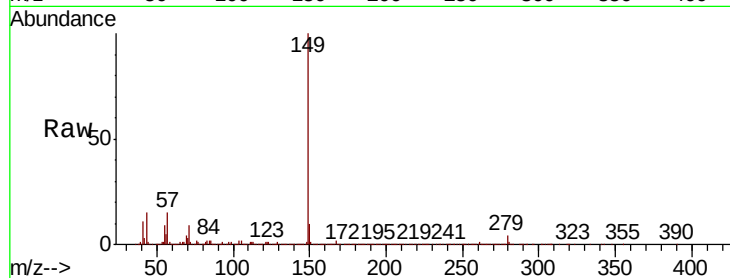




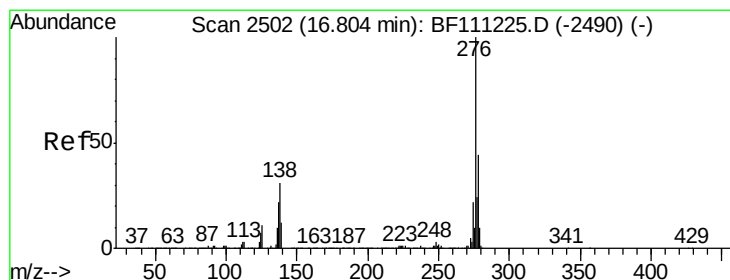
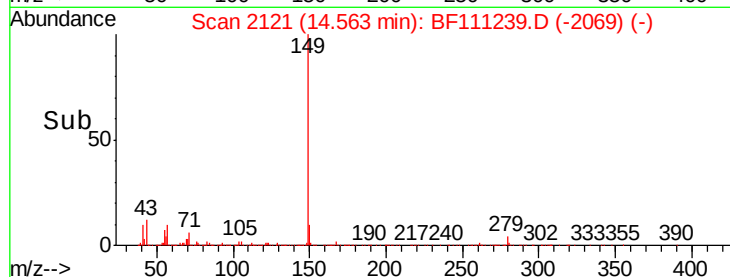
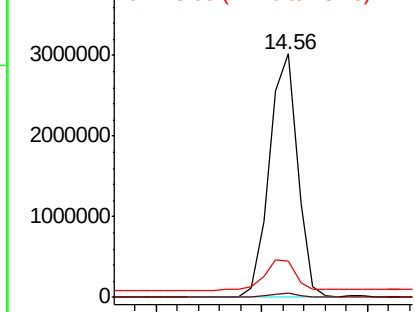
#85
Di-n-octyl phthalate
Concen: 44.945 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2803719
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.6 10.9 16.3

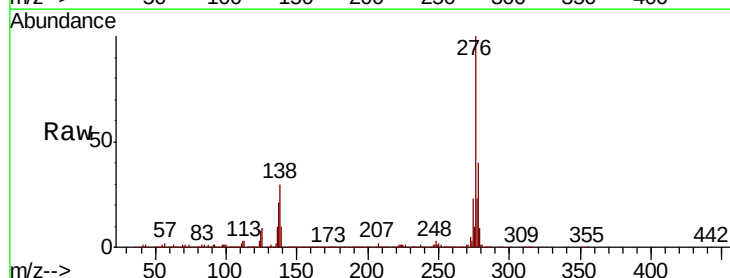


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

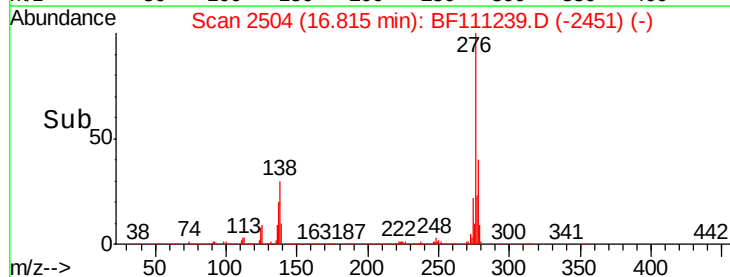
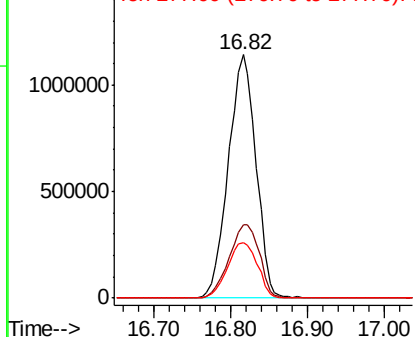


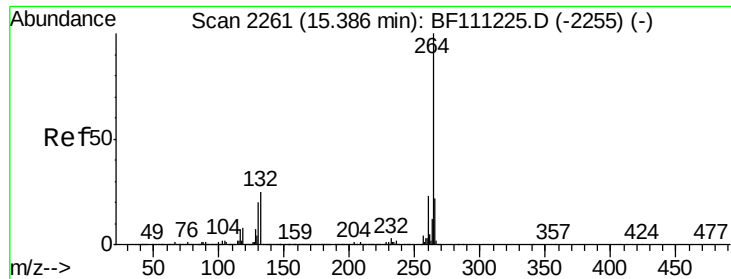
#86
Indeno(1,2,3-cd)pyrene
Concen: 73.439 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:276 Resp: 2861056
Ion Ratio Lower Upper
276 100
138 32.8 27.8 41.6
277 24.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



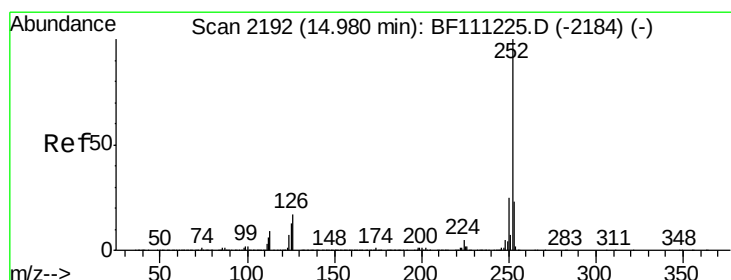
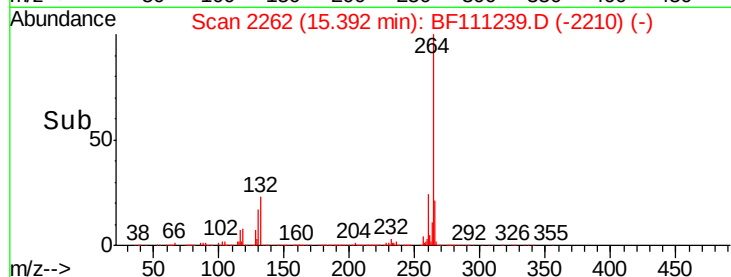
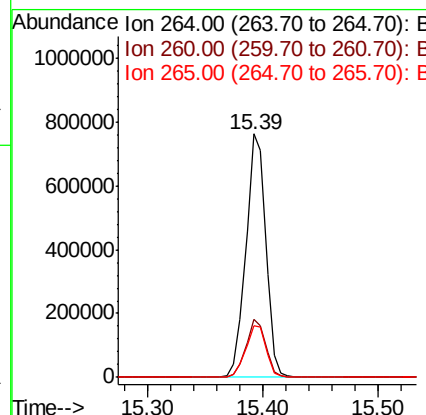
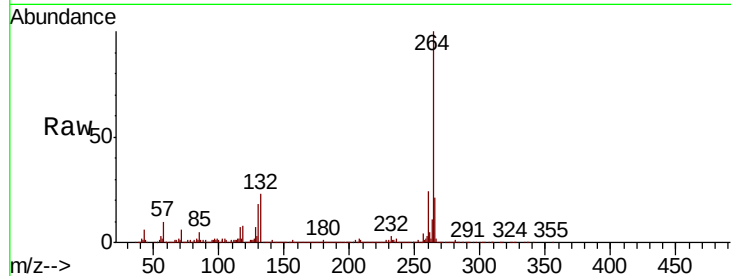


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 915277

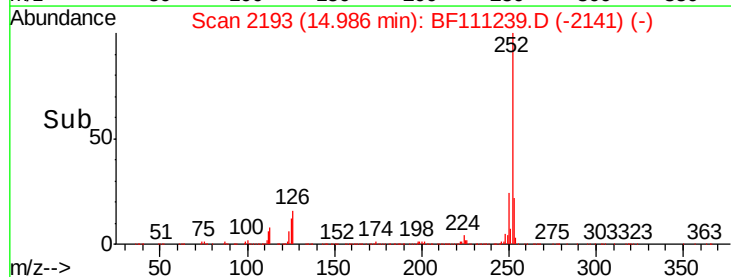
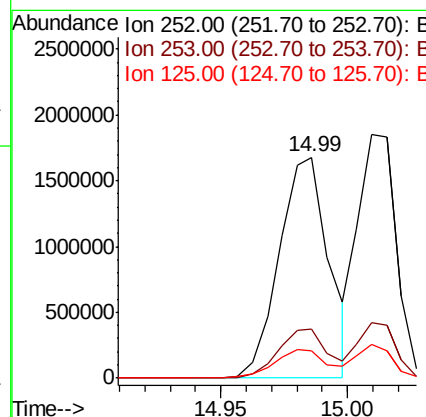
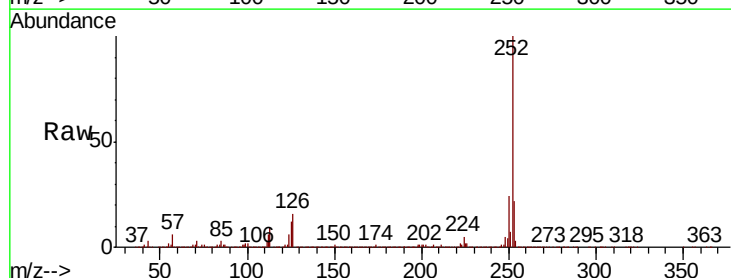
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	21.4	17.7	26.5

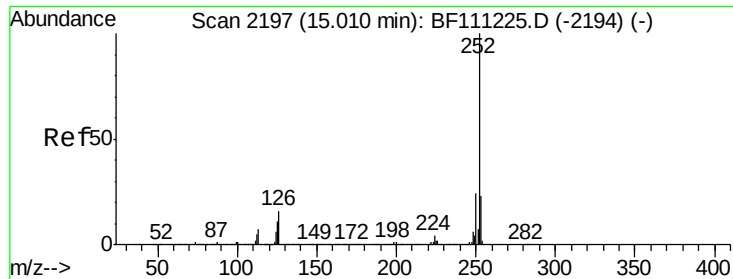


#88
Benzo(b)fluoranthene
Concen: 45.167 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:252 Resp: 2286210

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	12.1	10.4	15.6

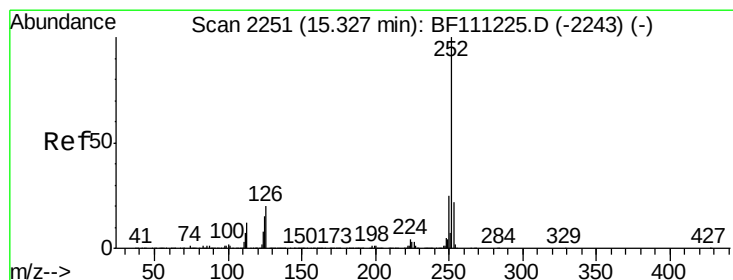
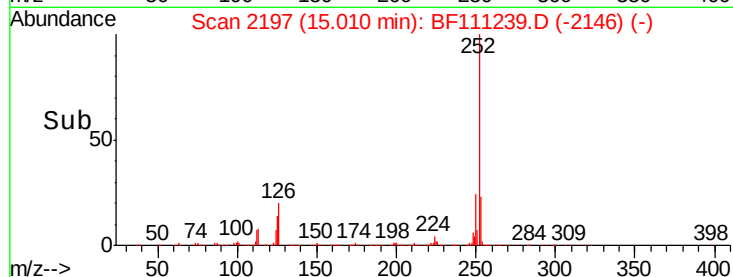
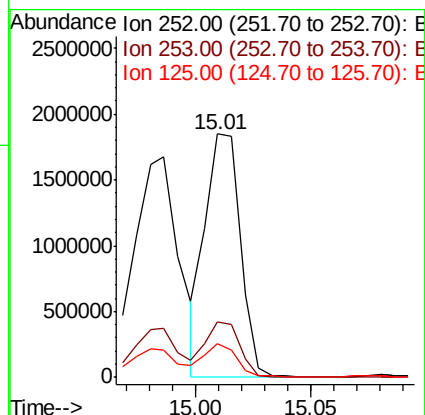
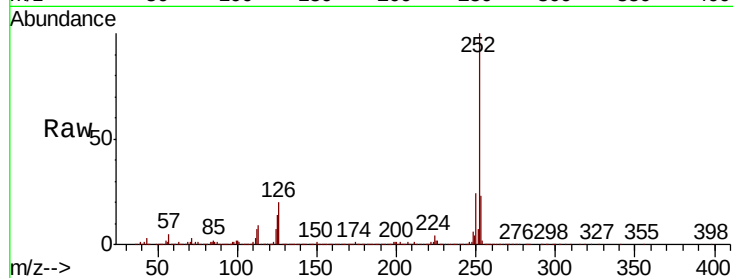




#89
Benzo(k)fluoranthene
Concen: 40.905 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

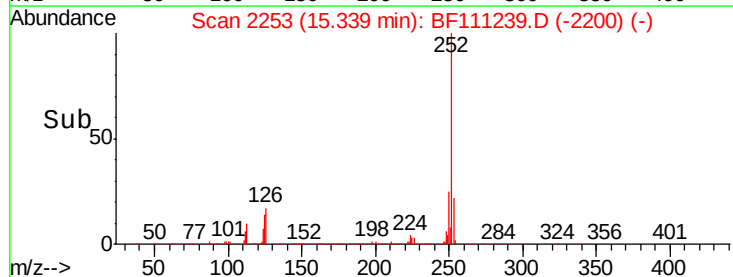
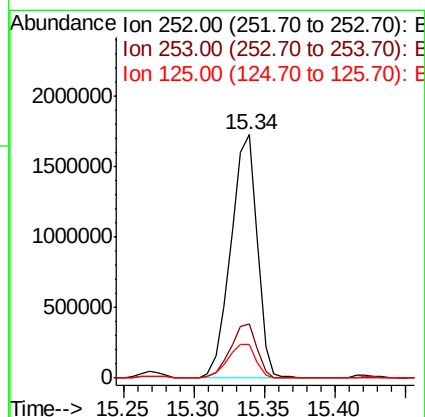
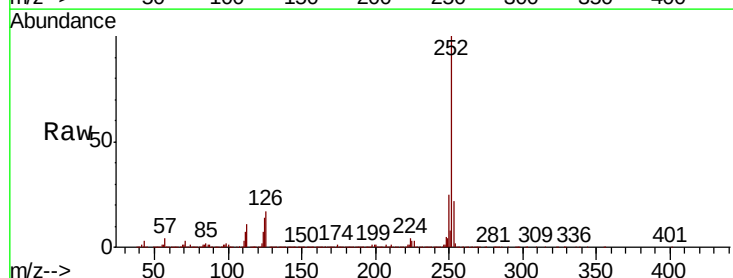
Instrument :
BNA_F
ClientSampleId :

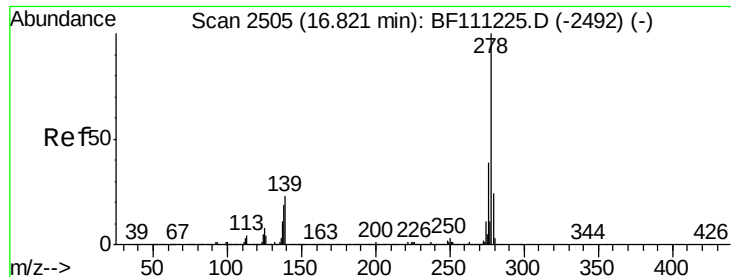
Tot Ion:252 Resp: 1946655
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 14.0 9.8 14.8



#90
Benzo(a)pyrene
Concen: 48.057 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111239.D
Acq: 10 Dec 2018 13:45

Tgt Ion:252 Resp: 2240043
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 13.7 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 62.780 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

Instrument :

BNA_F

ClientSampleId :

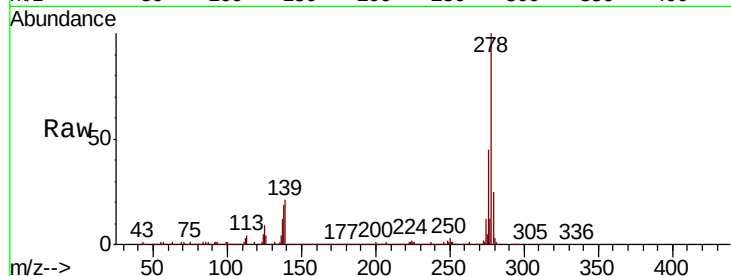
Tot Ion:278 Resp: 2298420

Ion	Ratio	Lower	Upper
278	100		
139	21.3	18.2	27.4
279	24.6	19.0	28.6

278 100

139 21.3 18.2 27.4

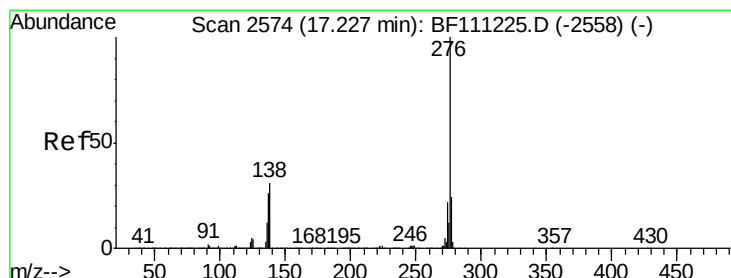
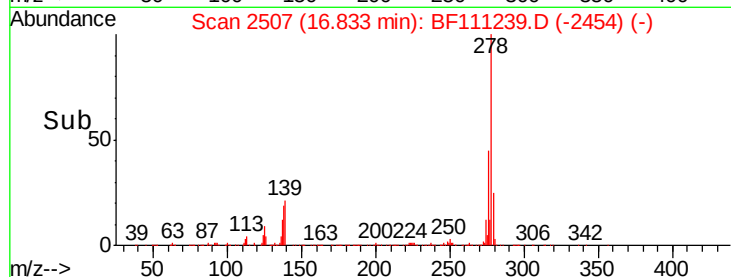
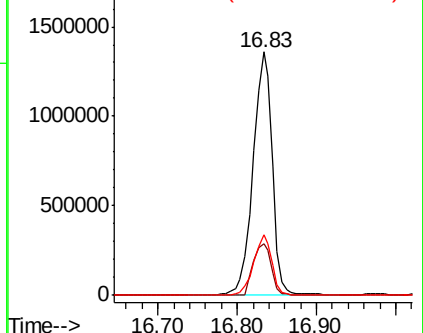
279 24.6 19.0 28.6



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: 66.143 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.02 min

Lab File: BF111239.D

Acq: 10 Dec 2018 13:45

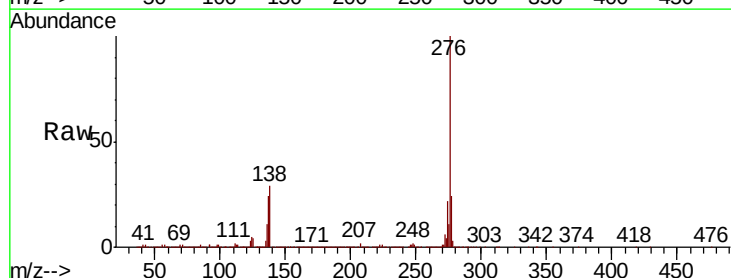
Tgt Ion:276 Resp: 2424066

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	28.6	24.9	37.3

276 100

277 24.1 19.2 28.8

138 28.6 24.9 37.3



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

