

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111938.D
 Acq On : 9 Jan 2019 9:16
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 10:14:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	161771	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	673535	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	330537	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	516261	20.00	ng	0.00
76) Chrysene-d12	14.06	240	408768	20.00	ng	0.00
87) Perylene-d12	15.54	264	310205	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	775915	82.06	ng	0.00
7) Phenol-d6	6.53	99	945332	77.57	ng	0.00
23) Nitrobenzene-d5	7.45	82	819346	65.02	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	274817	63.92	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1841429	81.24	ng	0.00
79) Terphenyl-d14	13.00	244	1694749	78.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	166380	40.241	ng	99
3) Pyridine	3.43	79	464937	43.385	ng	99
4) n-Nitrosodimethylamine	3.39	42	215559	40.429	ng	97
6) Aniline	6.55	93	582776	39.547	ng	# 71
8) 2-Chlorophenol	6.68	128	423547	40.339	ng	95
9) Benzaldehyde	6.43	77	275999	41.299	ng	97
10) Phenol	6.55	94	525653	39.684	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	412590	40.263	ng	95
12) 1,3-Dichlorobenzene	6.83	146	458723	37.686	ng	99
13) 1,4-Dichlorobenzene	6.90	146	484447	39.220	ng	99
14) 1,2-Dichlorobenzene	7.06	146	441121	37.360	ng	98
15) Benzyl Alcohol	7.03	79	377121	39.109	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	630784	36.103	ng	93
17) 2-Methylphenol	7.15	107	312806	37.068	ng	98
18) Hexachloroethane	7.40	117	152167	35.284	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	306574	38.716	ng	97
20) 3+4-Methylphenols	7.30	107	413660	39.387	ng	# 88
22) Acetophenone	7.30	105	598661	35.108	ng	# 98
24) Nitrobenzene	7.47	77	411926	32.312	ng	98
25) Isophorone	7.71	82	733376	35.937	ng	99
26) 2-Nitrophenol	7.79	139	245963	39.185	ng	94
27) 2,4-Dimethylphenol	7.83	122	332434	36.628	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	482049	35.389	ng	100
29) 2,4-Dichlorophenol	8.03	162	357963	34.300	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	395161	34.323	ng	99
31) Naphthalene	8.19	128	1287985	40.283	ng	99
32) Benzoic acid	7.95	122	156215	26.524	ng	99
33) 4-Chloroaniline	8.24	127	567772	41.079	ng	98
34) Hexachlorobutadiene	8.31	225	283324	39.530	ng	99
35) Caprolactam	8.62	113	141747	41.571	ng	91
36) 4-Chloro-3-methylphenol	8.73	107	378587	36.485	ng	97
37) 2-Methylnaphthalene	8.89	142	840443	42.421	ng	99
38) 1-Methylnaphthalene	8.99	142	798482	42.020	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	451789	42.874	ng	100

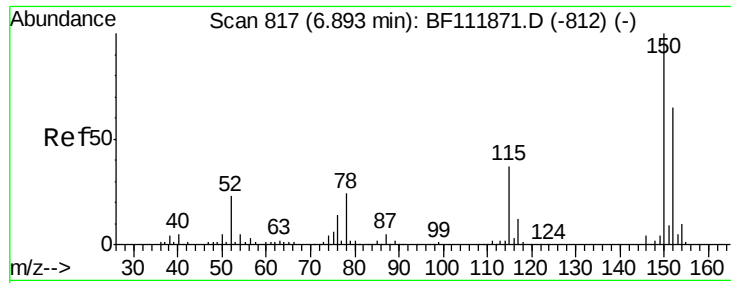
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	240716	39.508	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	299354	41.883	ng	98
44) 2,4,5-Trichlorophenol	9.21	196	298095	39.807	ng	97
46) 1,1'-Biphenyl	9.35	154	1144897	41.408	ng	99
47) 2-Chloronaphthalene	9.37	162	863134	39.776	ng	98
48) 2-Nitroaniline	9.47	65	279795	42.174	ng	93
49) Acenaphthylene	9.79	152	1165860	36.341	ng	99
50) Dimethylphthalate	9.65	163	908189	36.576	ng	99
51) 2,6-Dinitrotoluene	9.71	165	205664	37.040	ng	97
52) Acenaphthene	9.96	154	829082	40.087	ng	99
53) 3-Nitroaniline	9.88	138	228943	38.502	ng	98
54) 2,4-Dinitrophenol	9.99	184	90213	38.370	ng	93
55) Dibenzofuran	10.13	168	1197517	39.813	ng	99
56) 4-Nitrophenol	10.05	139	167958	39.976	ng	95
57) 2,4-Dinitrotoluene	10.12	165	297971	41.531	ng	99
58) Fluorene	10.48	166	850807	38.874	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	251712	39.895	ng	98
60) Diethylphthalate	10.35	149	942938	39.241	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	463893	37.797	ng	95
62) 4-Nitroaniline	10.49	138	229900	40.762	ng	99
63) Azobenzene	10.63	77	757646	33.006	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	139115	43.672	ng	93
66) n-Nitrosodiphenylamine	10.59	169	684384	39.504	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	254063	37.995	ng	99
68) Hexachlorobenzene	11.03	284	284288	38.362	ng	100
69) Atrazine	11.11	200	238608	39.200	ng	98
70) Pentachlorophenol	11.23	266	146595	34.763	ng	96
71) Phenanthrene	11.44	178	1081819	39.194	ng	99
72) Anthracene	11.49	178	1084942	38.721	ng	99
73) Carbazole	11.64	167	1059196	38.862	ng	99
74) Di-n-butylphthalate	11.97	149	1224939	38.692	ng	100
75) Fluoranthene	12.63	202	1091970	38.537	ng	100
77) Benzidine	12.74	184	543521	44.499	ng	99
78) Pyrene	12.86	202	1122475	39.909	ng	98
80) Butylbenzylphthalate	13.47	149	489498	41.167	ng	99
81) Benzo(a)anthracene	14.05	228	946214	40.221	ng	98
82) 3,3'-Dichlorobenzidine	14.01	252	358683	41.299	ng	# 98
83) Chrysene	14.09	228	889829	39.670	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	648868	41.552	ng	100
85) Di-n-octyl phthalate	14.64	149	957971	42.867	ng	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	714030	43.664	ng	99
88) Benzo(b)fluoranthene	15.10	252	741215	39.944	ng	99
89) Benzo(k)fluoranthene	15.14	252	663097	38.016	ng	100
90) Benzo(a)pyrene	15.48	252	655137	40.153	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	602954	45.947	ng	98
92) Benzo(g,h,i)perylene	17.50	276	620437	48.338	ng	98

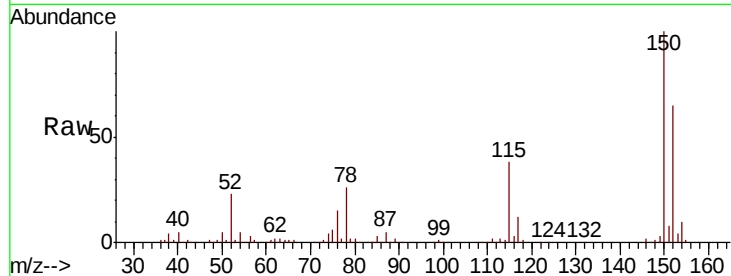
(#) = qualifier out of range (m) = manual integration (+) = signals summed



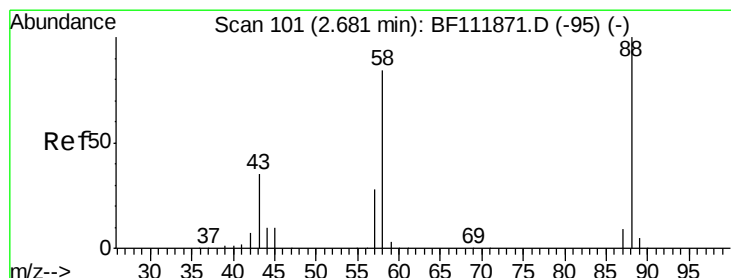
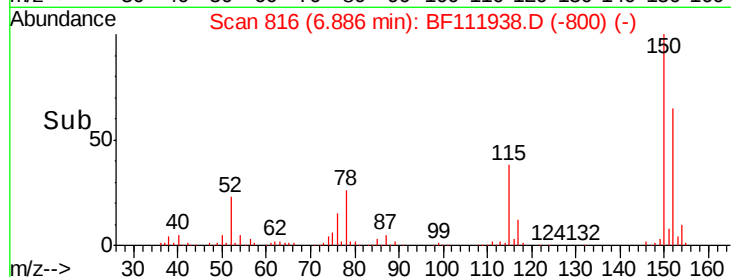
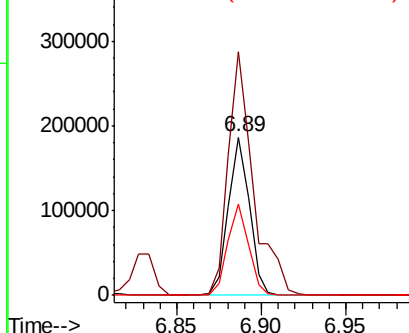
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 161771
 Ion Ratio Lower Upper
 152 100
 150 154.2 122.7 184.1
 115 58.0 45.2 67.8

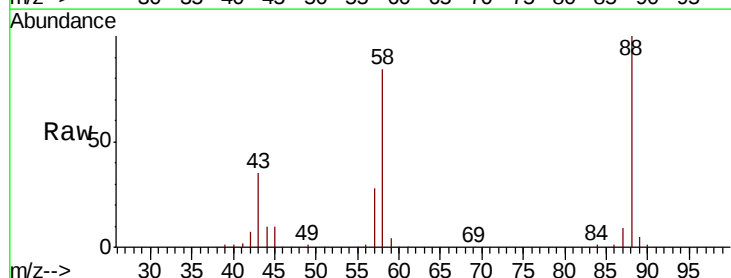


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

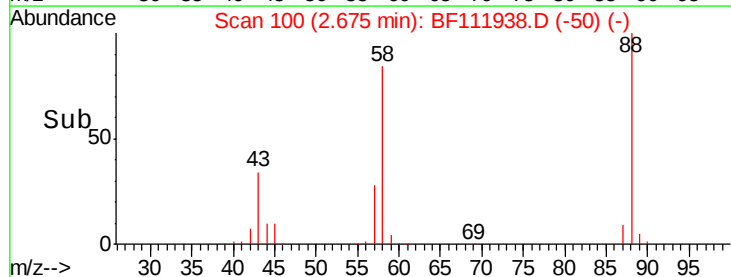
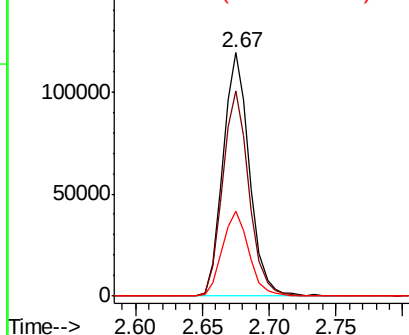


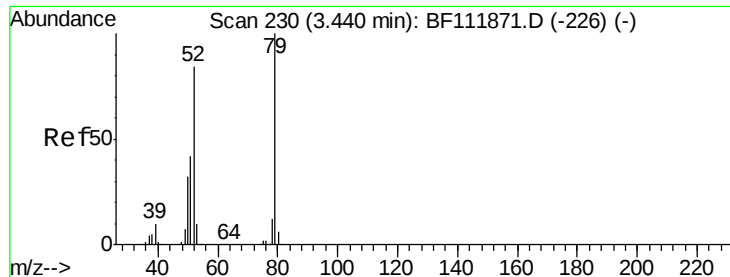
#2
 1,4-Dioxane
 Concen: 40.241 ng
 RT: 2.67 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Tgt Ion: 88 Resp: 166380
 Ion Ratio Lower Upper
 88 100
 58 83.9 67.6 101.4
 43 35.0 29.0 43.6



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: 43.385 ng

RT: 3.43 min Scan# 229

Delta R.T. -0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampleId :

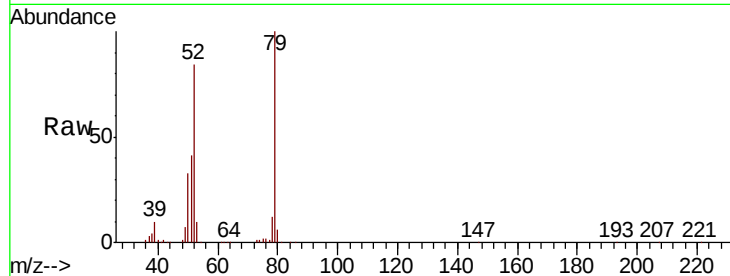
Tot Ion: 79 Resp: 464937

Ion Ratio Lower Upper

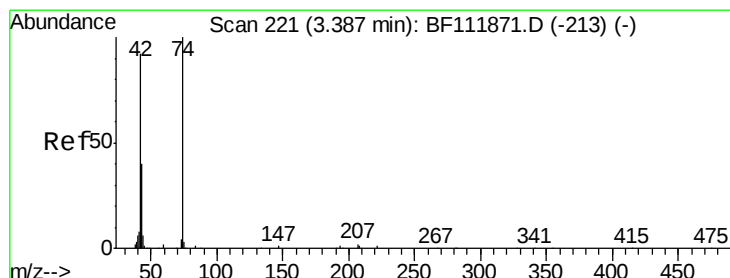
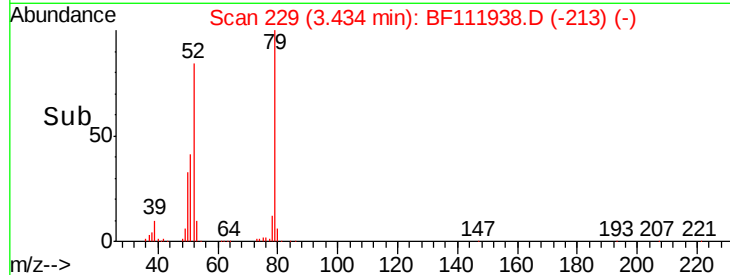
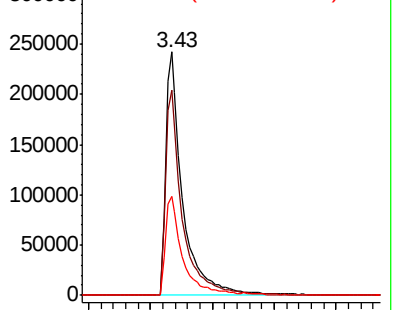
79 100

52 84.3 67.0 100.6

51 40.9 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.429 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

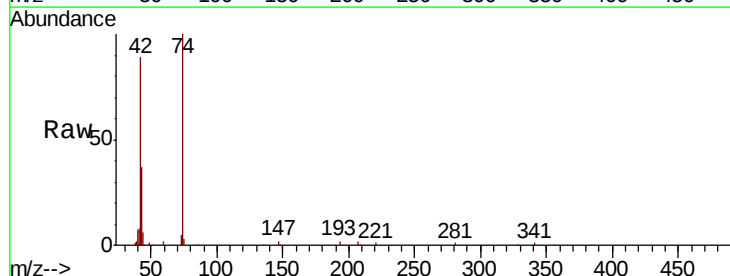
Tgt Ion: 42 Resp: 215559

Ion Ratio Lower Upper

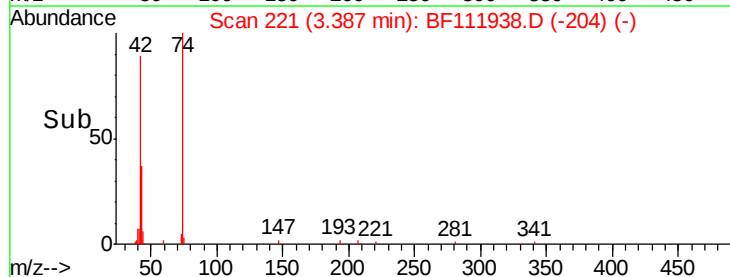
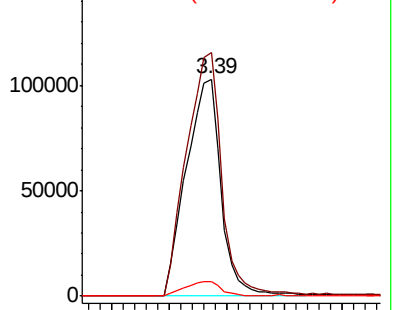
42 100

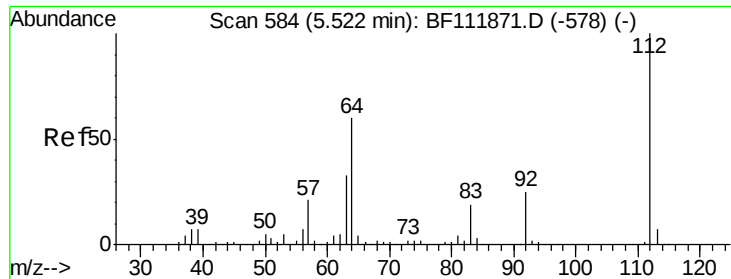
74 112.0 87.0 130.6

44 6.5 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.057 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampled :

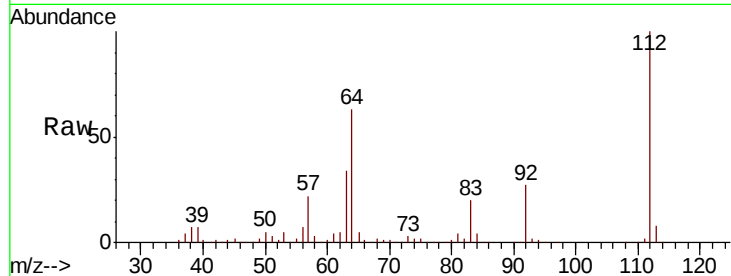
Tot Ion:112 Resp: 775915

Ion Ratio Lower Upper

112 100

64 63.0 48.3 72.5

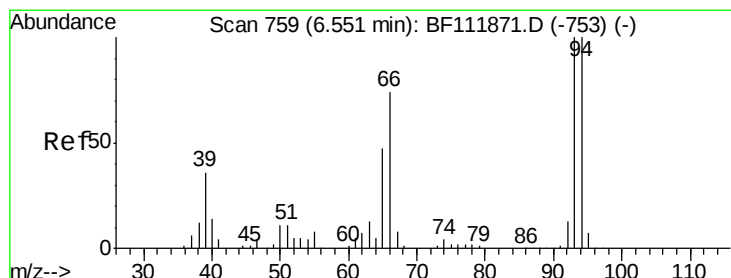
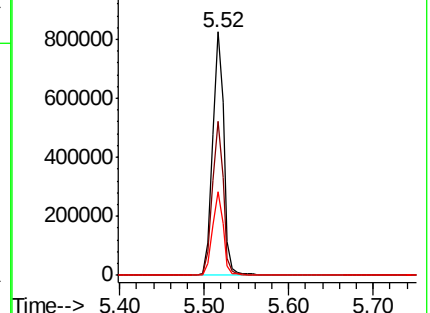
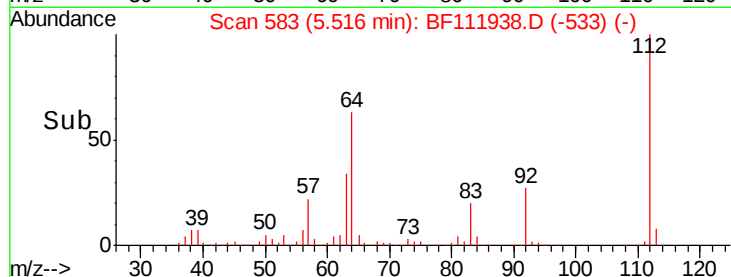
63 34.2 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.547 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

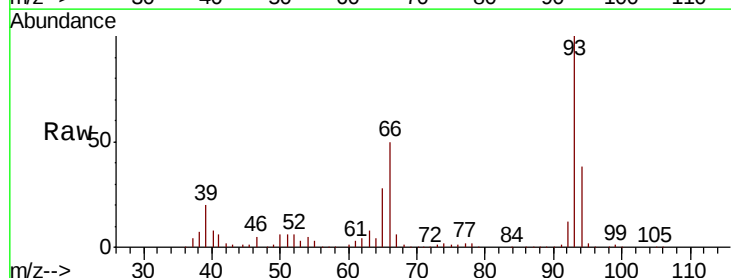
Tgt Ion: 93 Resp: 582776

Ion Ratio Lower Upper

93 100

66 49.8 60.0 90.0#

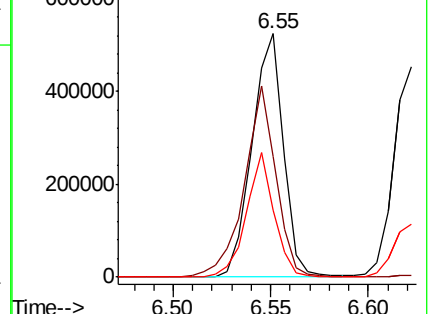
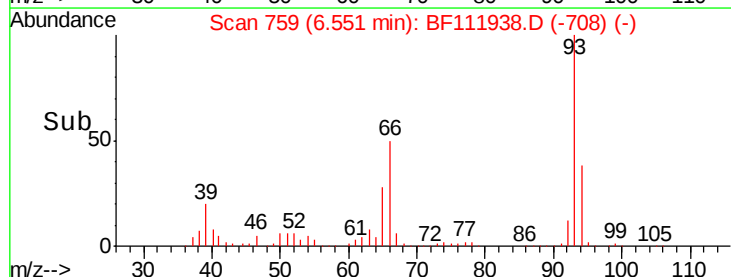
65 27.5 37.5 56.3#

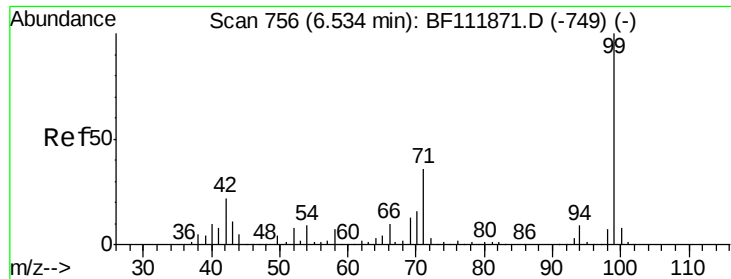


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.567 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampled :

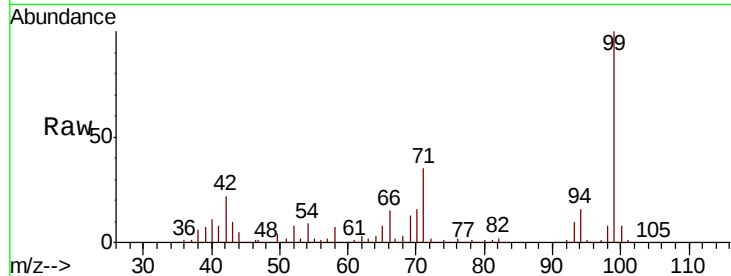
Tot Ion: 99 Resp: 945332

Ion Ratio Lower Upper

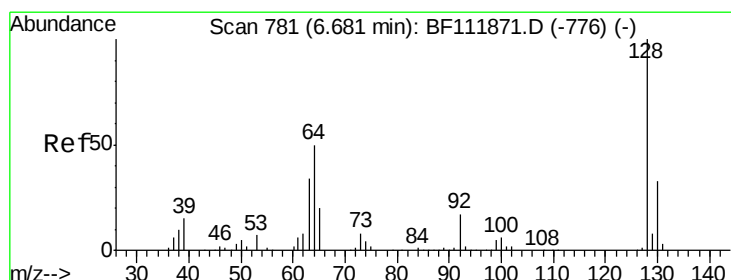
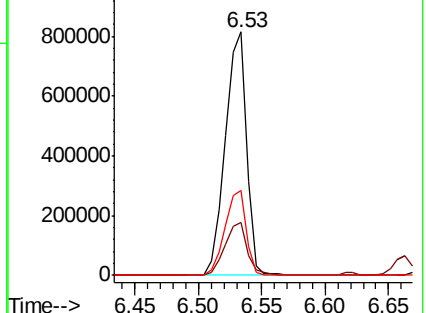
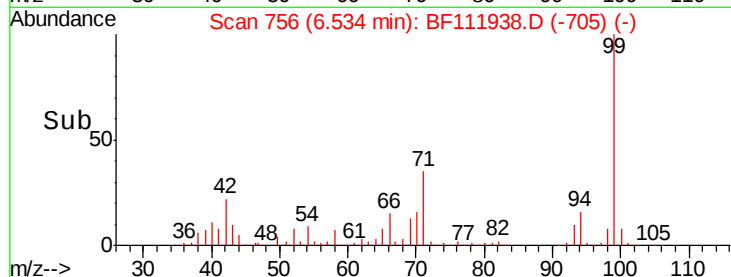
99 100

42 21.6 17.9 26.9

71 35.1 28.7 43.1



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: 40.339 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

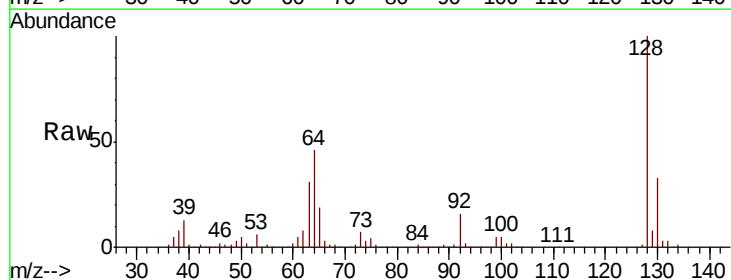
Tgt Ion: 128 Resp: 423547

Ion Ratio Lower Upper

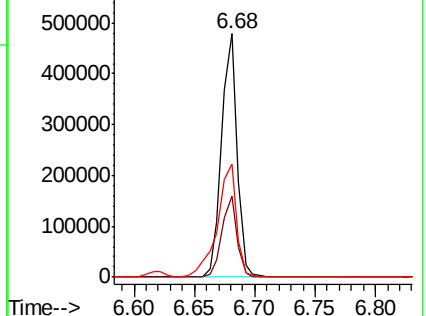
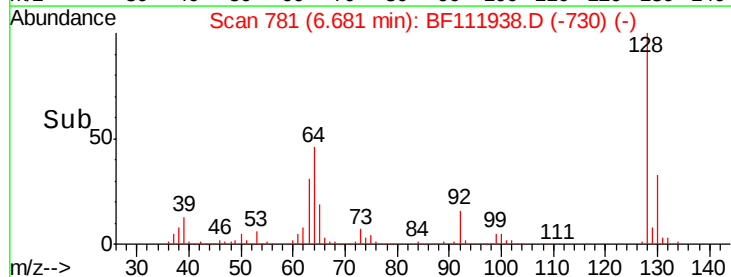
128 100

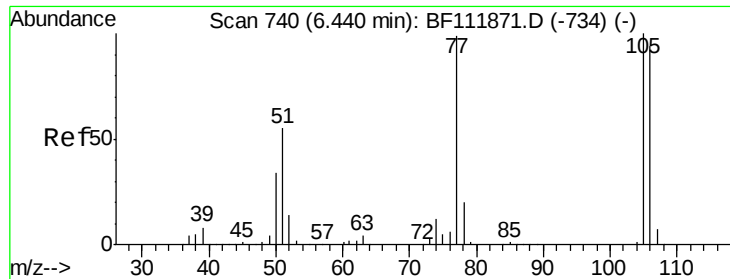
130 33.2 12.7 52.7

64 46.3 31.8 71.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.299 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampleId :

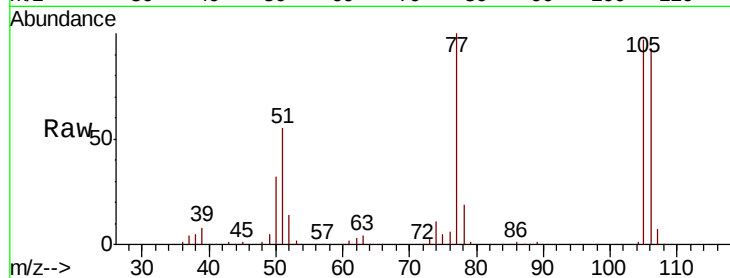
Tot Ion: 77 Resp: 275999

Ion Ratio Lower Upper

77 100

105 97.3 80.6 120.6

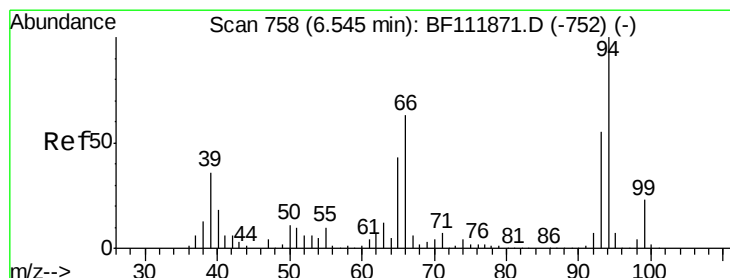
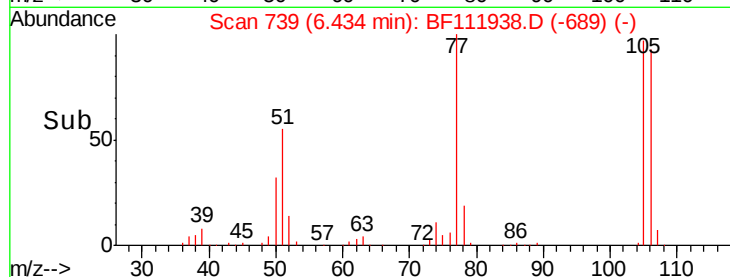
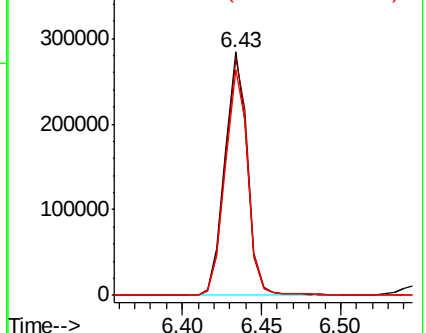
106 92.8 74.6 114.6



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: 39.684 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

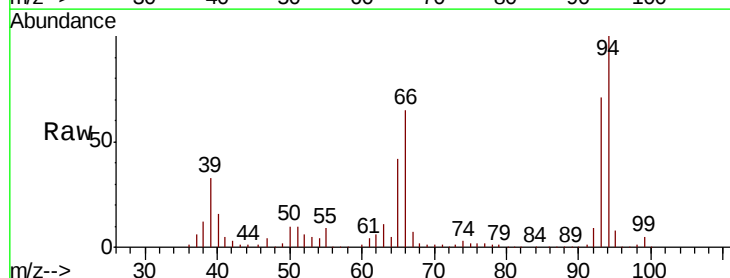
Tgt Ion: 94 Resp: 525653

Ion Ratio Lower Upper

94 100

65 42.3 22.8 62.8

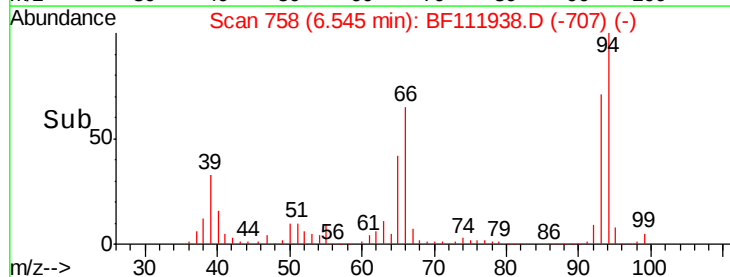
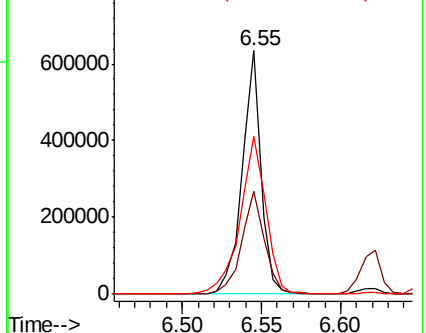
66 64.8 43.3 83.3

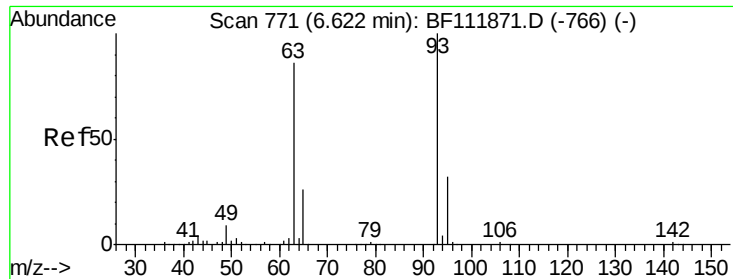


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

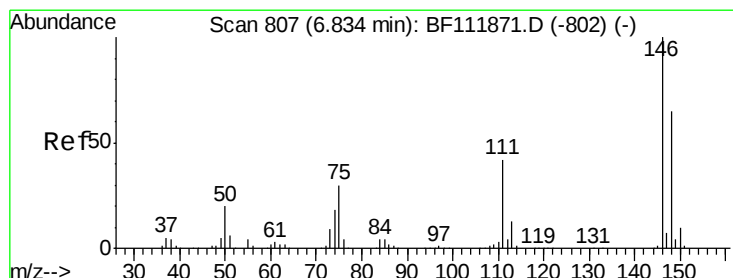
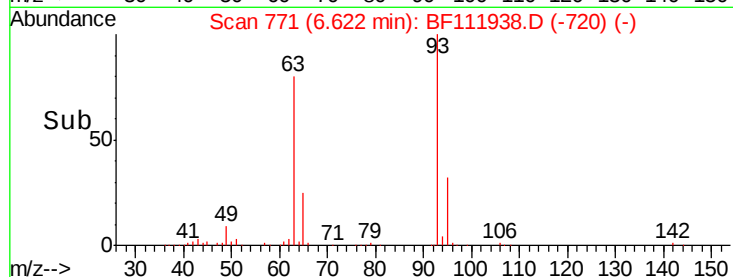
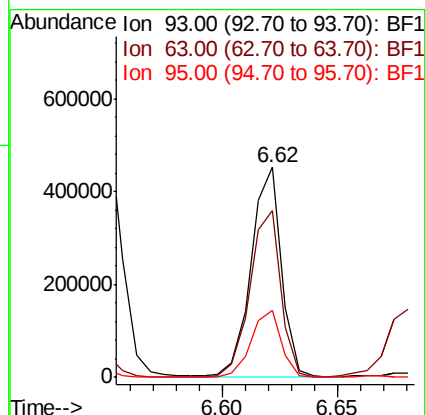
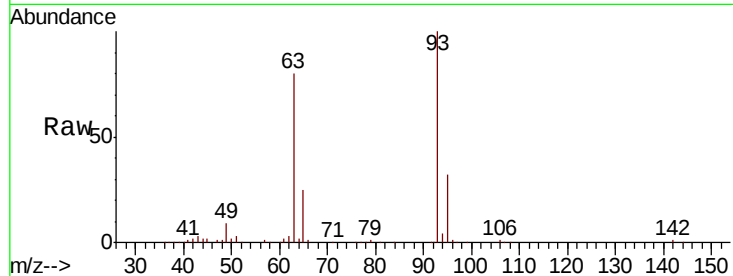




#11
bis(2-Chloroethyl)ether
Concen: 40.263 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

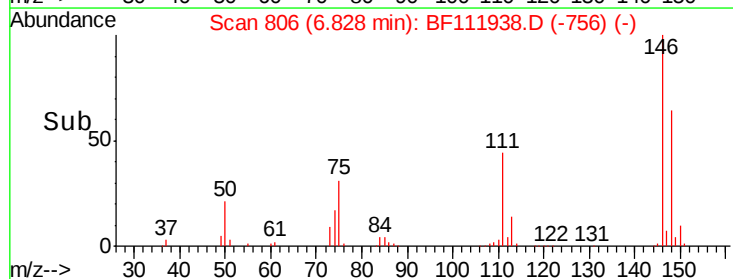
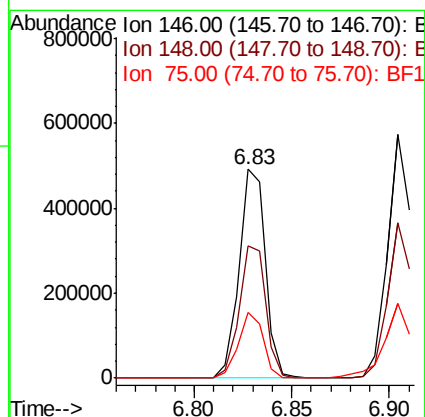
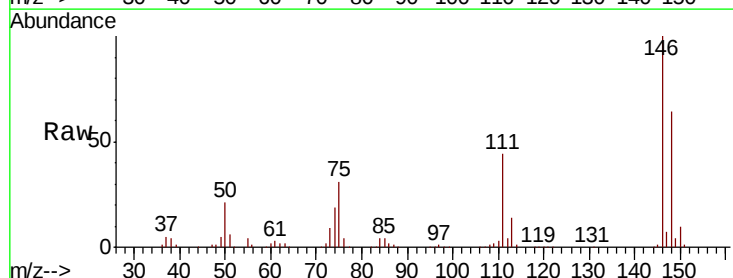
Instrument :
BNA_F
ClientSampleId :

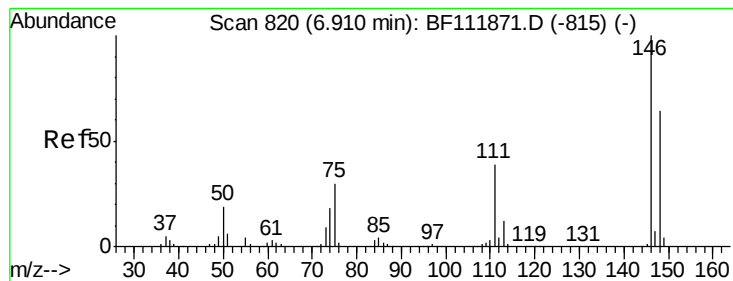
Tot Ion: 93 Resp: 412590
Ion Ratio Lower Upper
93 100
63 79.5 65.2 105.2
95 31.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 37.686 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion: 146 Resp: 458723
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
75 31.2 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 39.220 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampled :

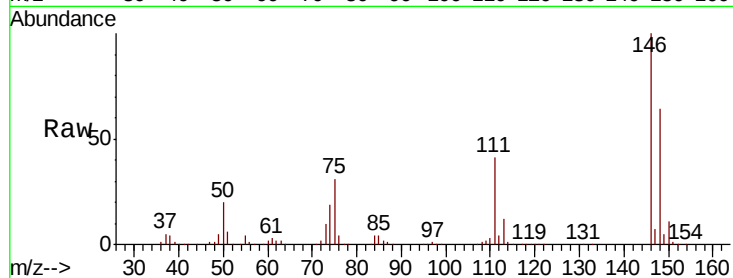
Tot Ion:146 Resp: 484447

Ion Ratio Lower Upper

146 100

148 64.0 51.2 76.8

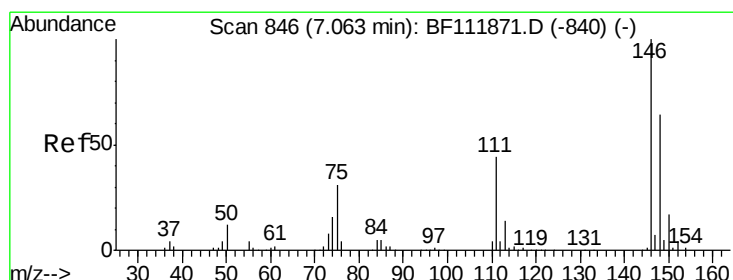
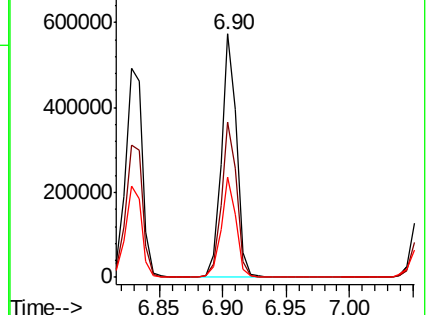
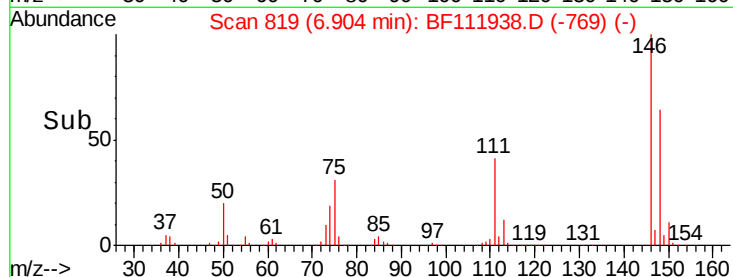
111 41.1 31.5 47.3



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: 37.360 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

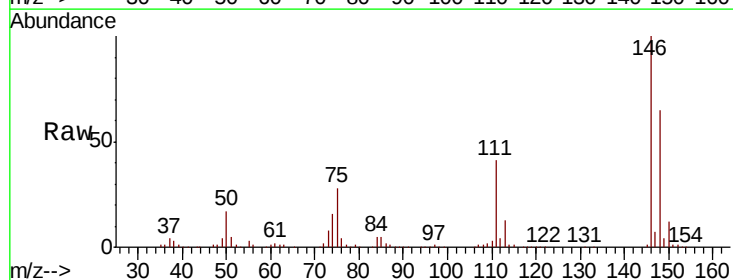
Tgt Ion:146 Resp: 441121

Ion Ratio Lower Upper

146 100

148 64.8 51.5 77.3

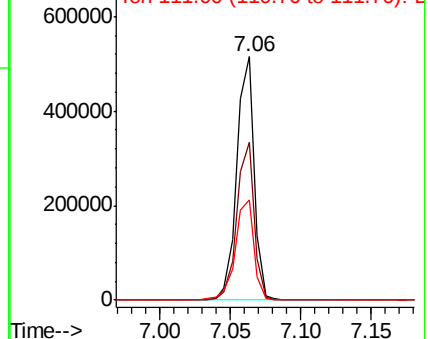
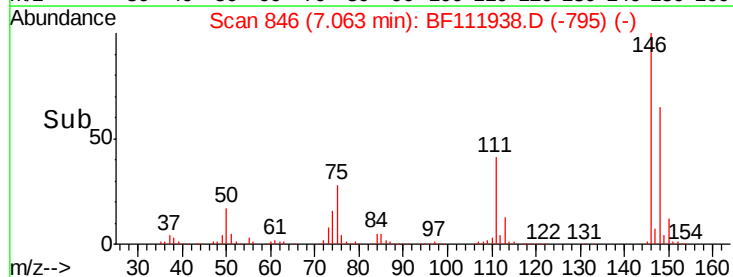
111 41.3 35.5 53.3

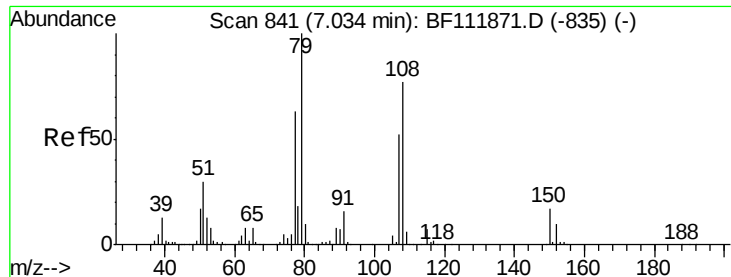


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.109 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampled :

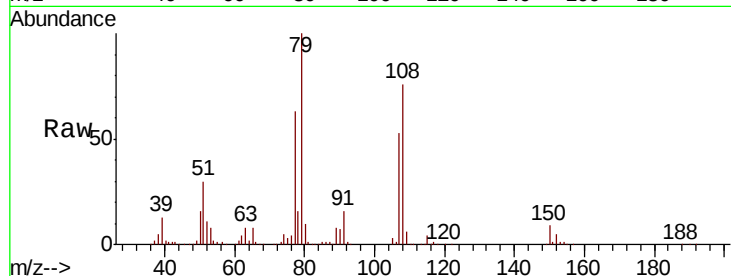
Tot Ion: 79 Resp: 377121

Ion Ratio Lower Upper

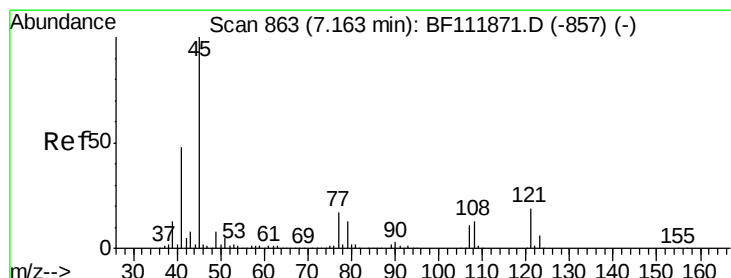
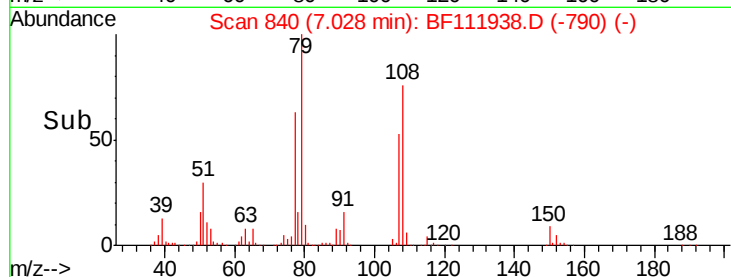
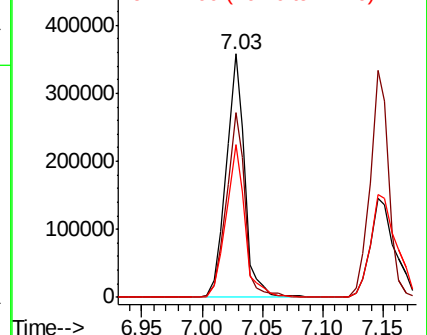
79 100

108 75.9 61.4 92.0

77 62.5 50.4 75.6



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: 36.103 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

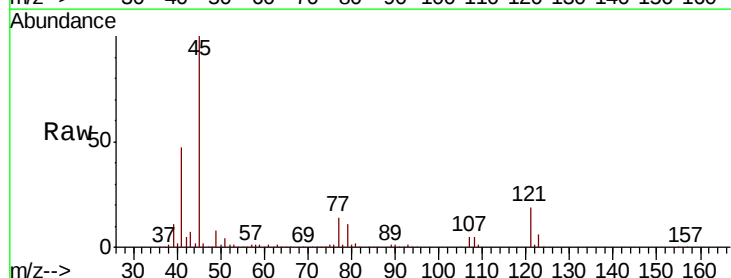
Tgt Ion: 45 Resp: 630784

Ion Ratio Lower Upper

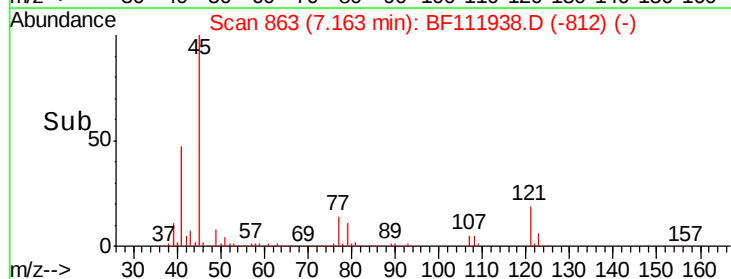
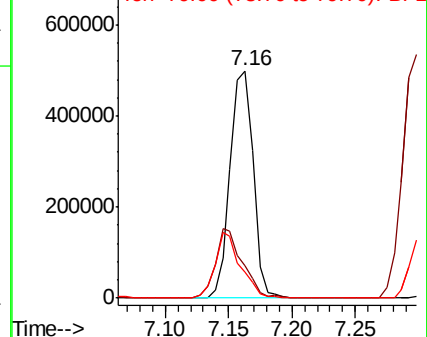
45 100

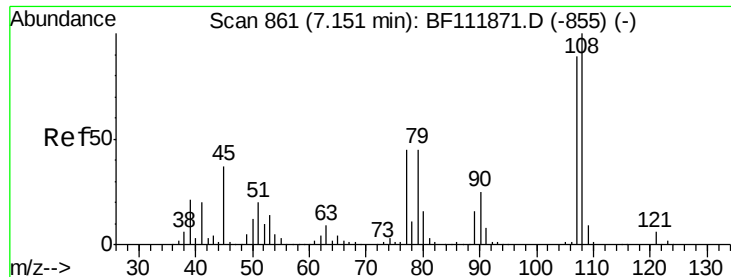
77 14.0 0.0 37.1

79 11.5 0.0 33.9



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

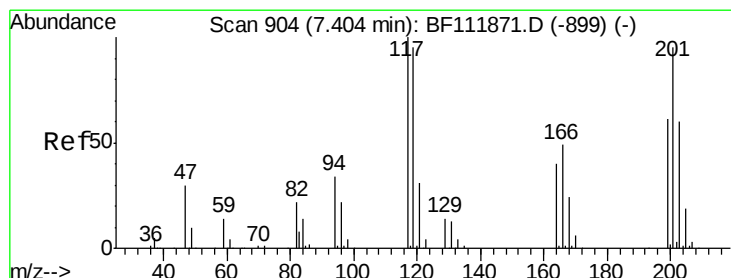
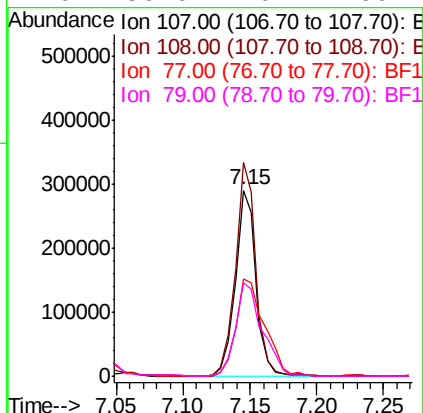
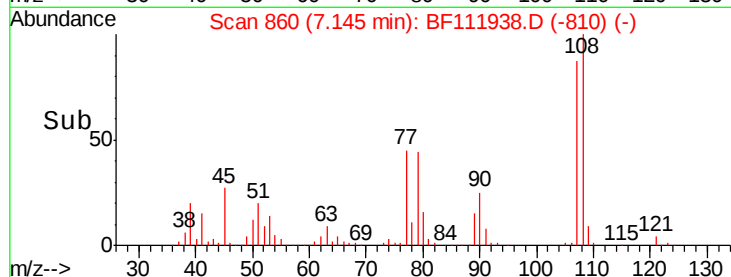
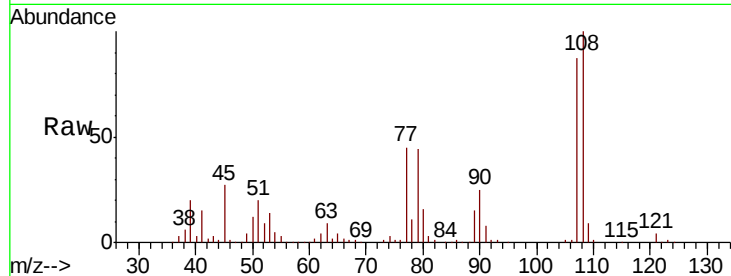




#17
2-Methylphenol
Concen: 37.068 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

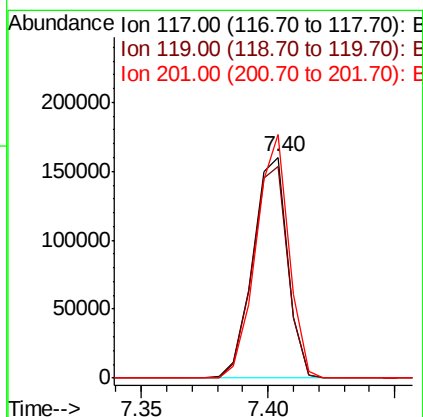
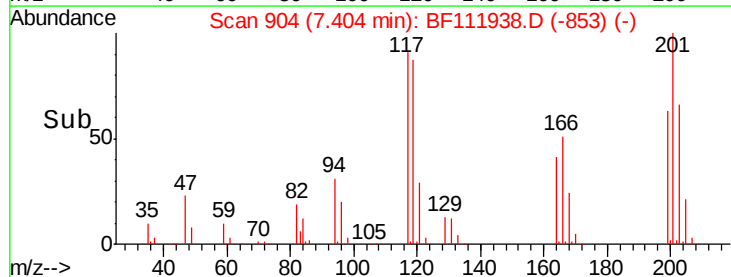
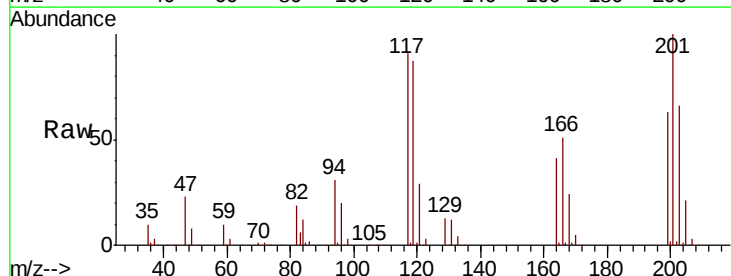
Instrument :
BNA_F
ClientSampled :

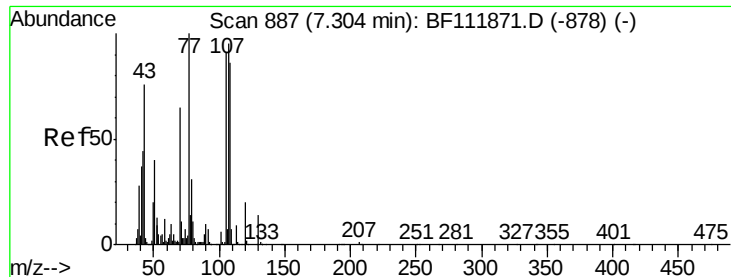
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	89.7	134.5
77	52.1	40.6	60.8
79	50.0	40.2	60.2



#18
Hexachloroethane
Concen: 35.284 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.2
201	110.3	75.7	113.5

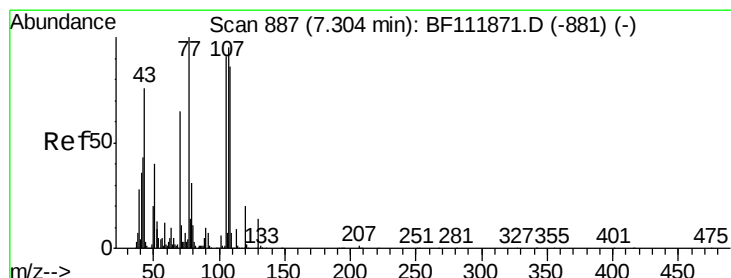
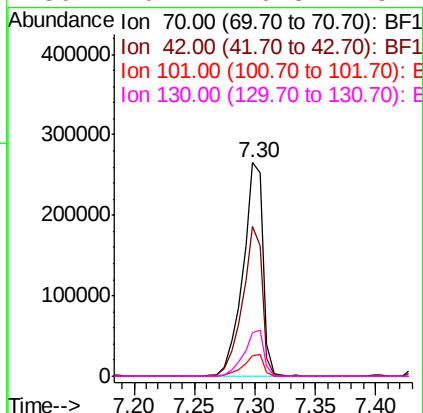
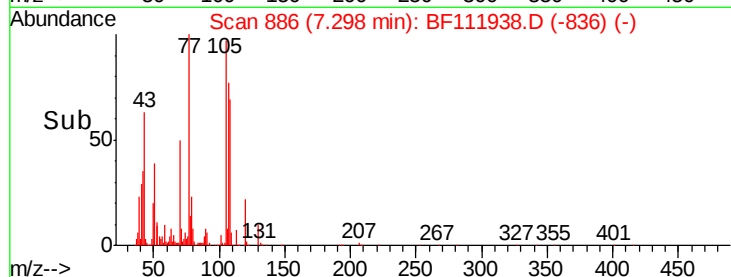
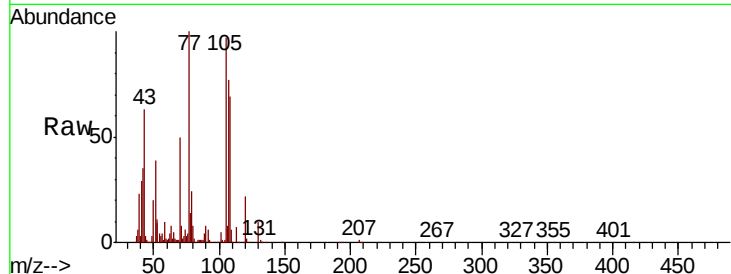




#19
n-Nitroso-di-n-propylamine
Concen: 38.716 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

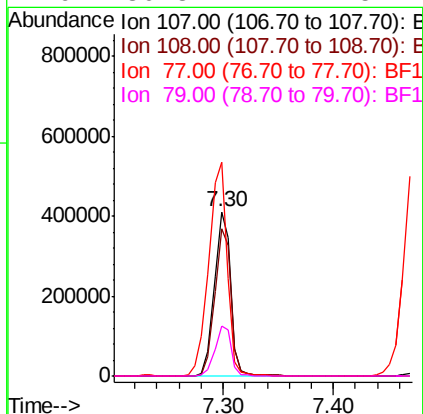
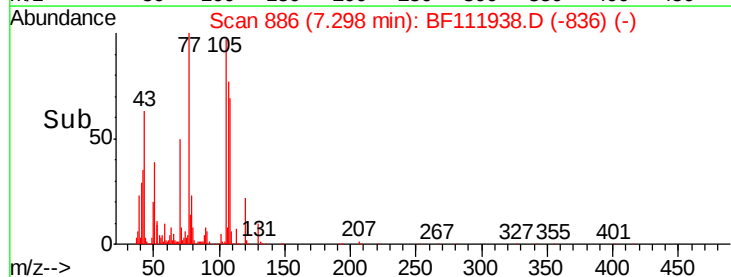
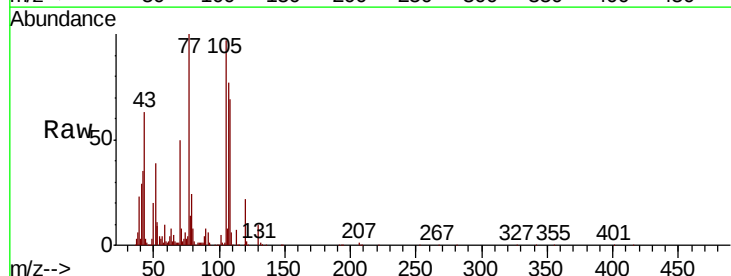
Instrument :
BNA_F
ClientSampleId :

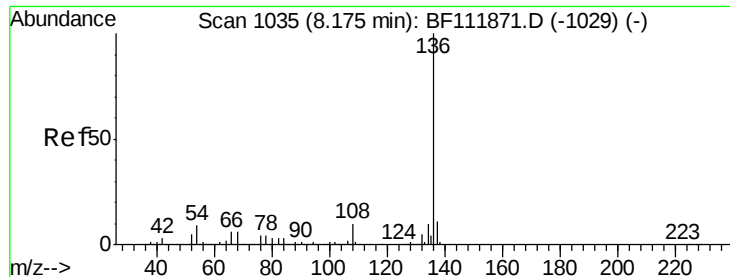
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.9	53.6	80.4	
101	9.7	7.3	10.9	
130	20.2	16.8	25.2	



#20
3+4-Methylphenols
Concen: 39.387 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	71.1	111.1	
77	130.2	85.4	125.4	
79	30.8	12.4	52.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 673535

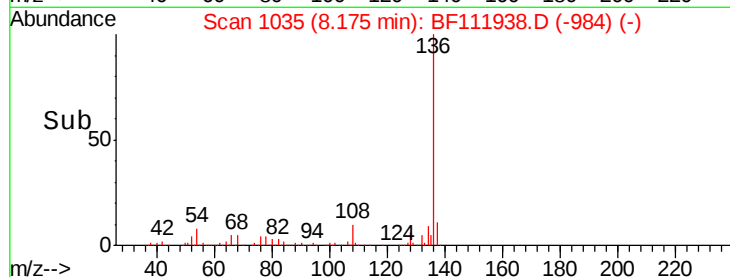
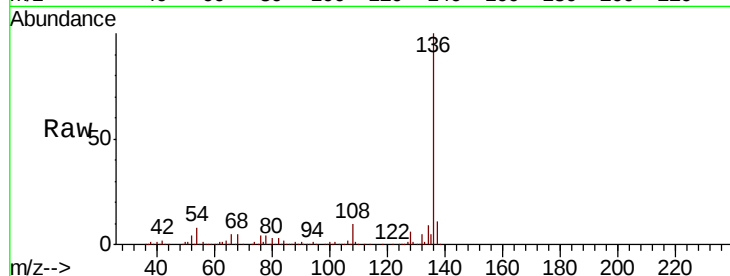
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.9 7.2 10.8

68 4.7 4.4 6.6

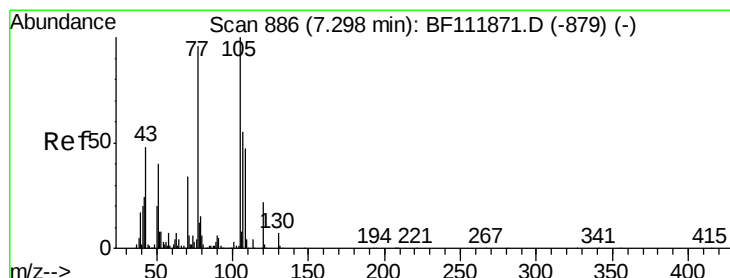
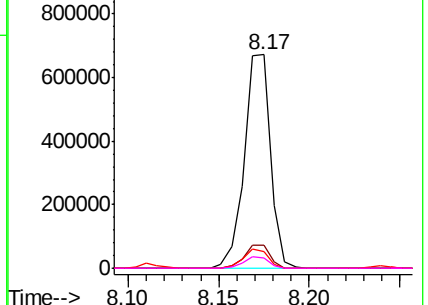


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.108 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Tgt Ion:105 Resp: 598661

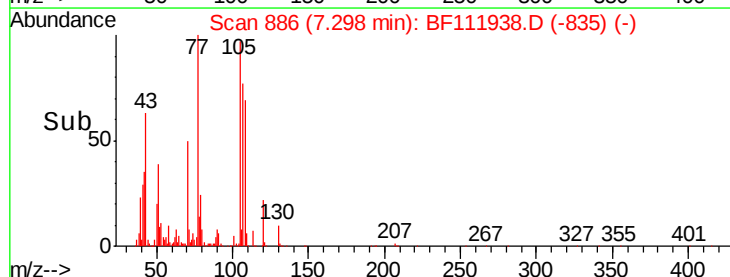
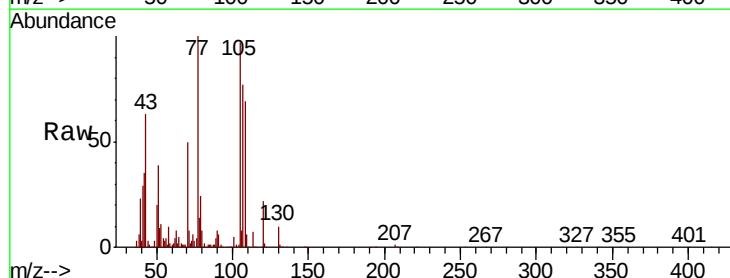
Ion Ratio Lower Upper

105 100

71 8.7 4.6 6.8#

51 40.8 32.2 48.2

120 22.6 17.5 26.3

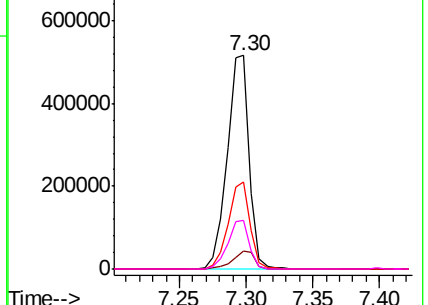


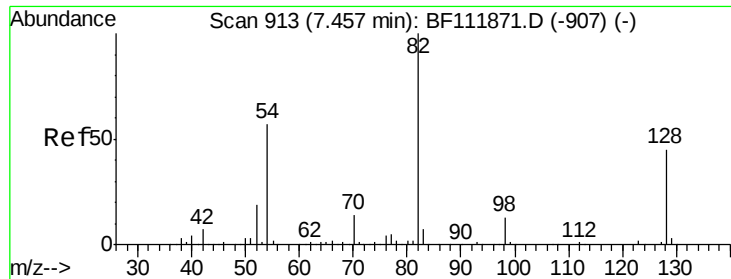
Abundance Ion 105.00 (104.70 to 105.70): E

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

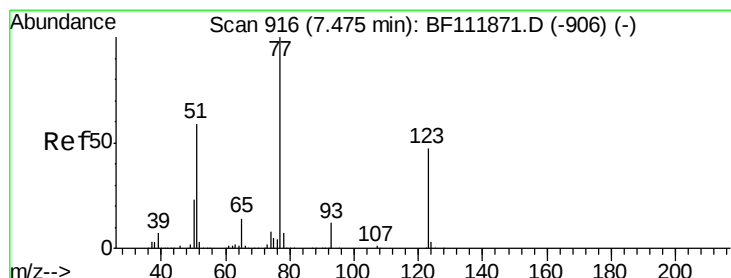
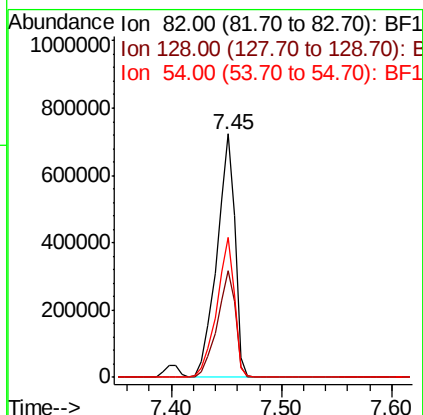
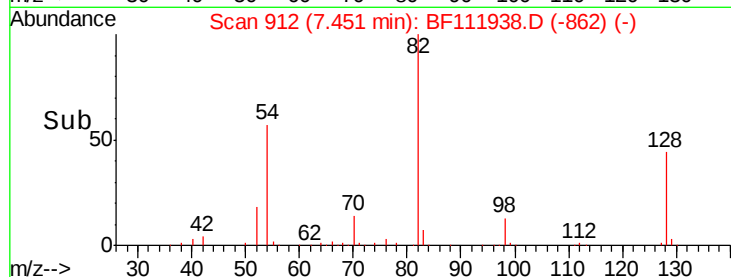
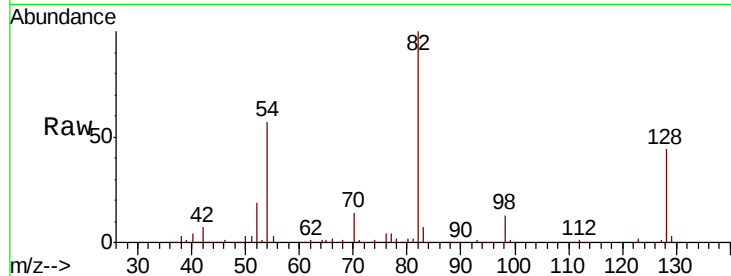




#23
Nitrobenzene-d5
Concen: 65.015 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

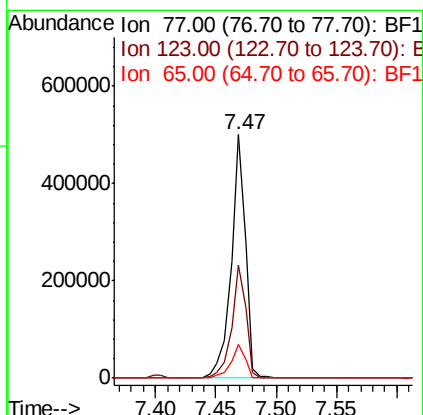
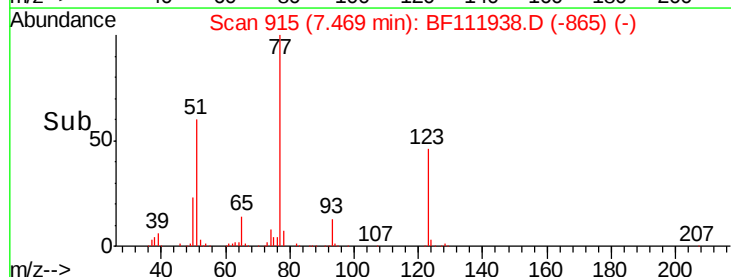
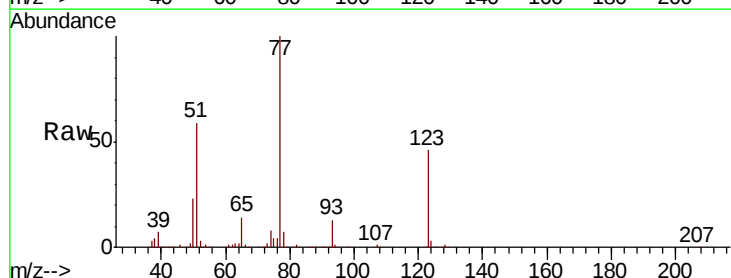
Instrument :
BNA_F
ClientSampleId :

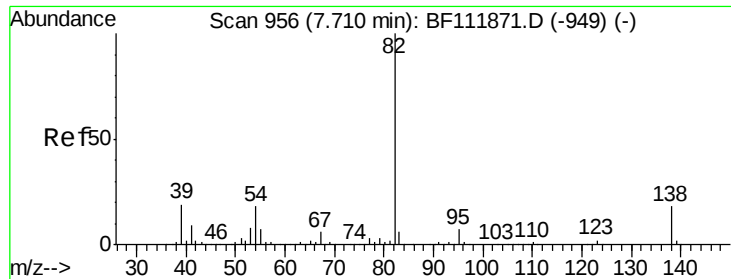
Tot Ion: 82 Resp: 819346
Ion Ratio Lower Upper
82 100
128 44.0 35.7 53.5
54 57.4 45.8 68.8



#24
Nitrobenzene
Concen: 32.312 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion: 77 Resp: 411926
Ion Ratio Lower Upper
77 100
123 46.3 38.1 57.1
65 14.1 11.0 16.4

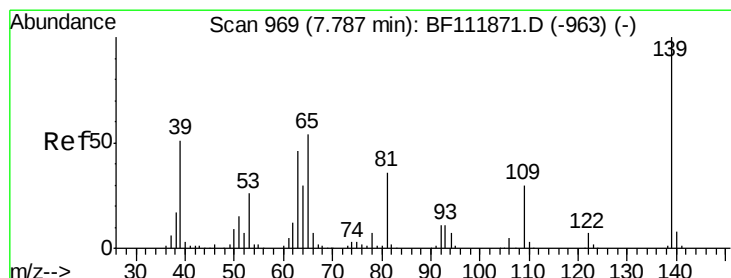
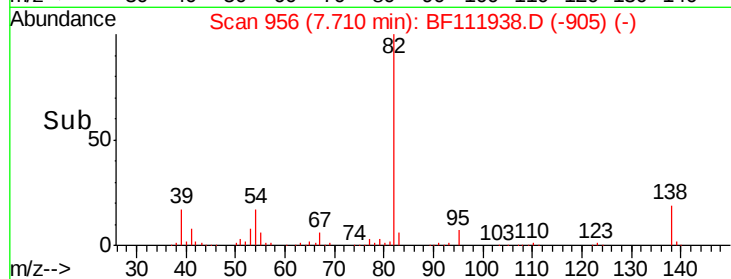
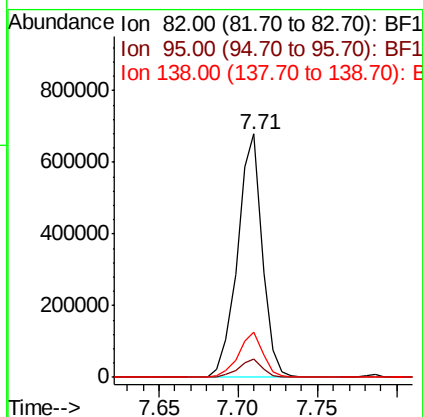
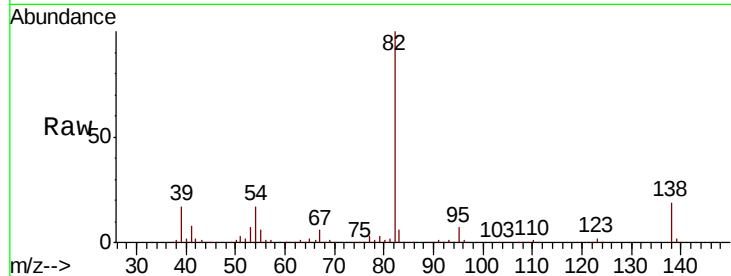




#25
Isophorone
Concen: 35.937 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

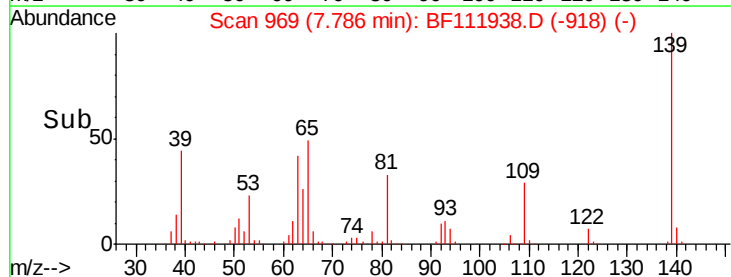
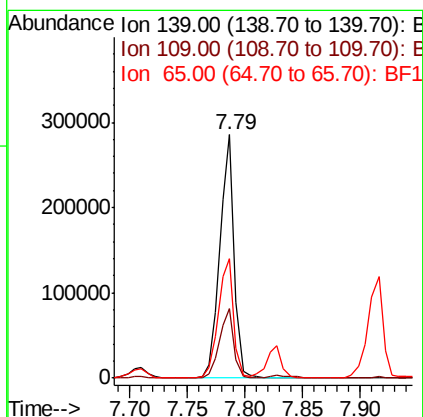
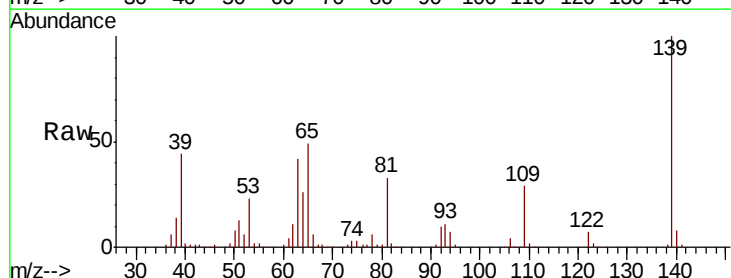
Instrument :
BNA_F
ClientSampleId :

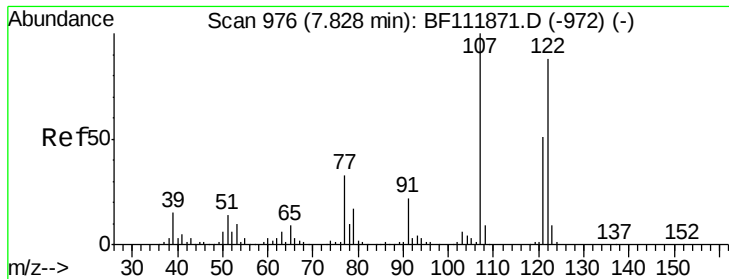
Tot Ion: 82 Resp: 733376
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 18.7 14.4 21.6



#26
2-Nitrophenol
Concen: 39.185 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion: 139 Resp: 245963
Ion Ratio Lower Upper
139 100
109 28.7 24.1 36.1
65 48.9 43.6 65.4

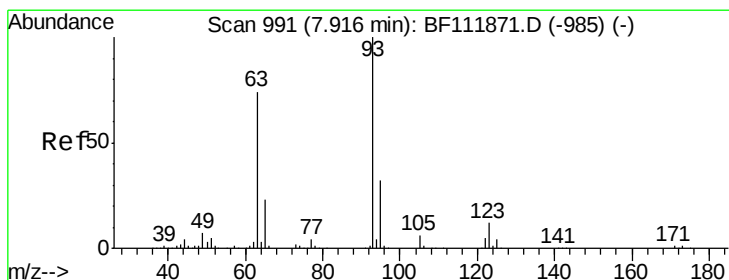
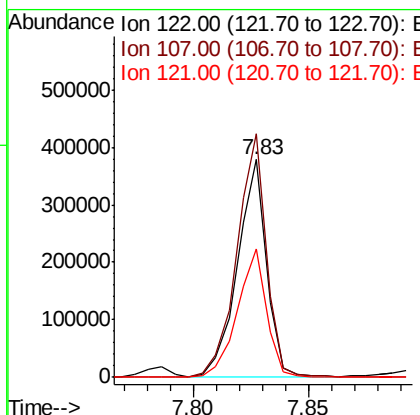
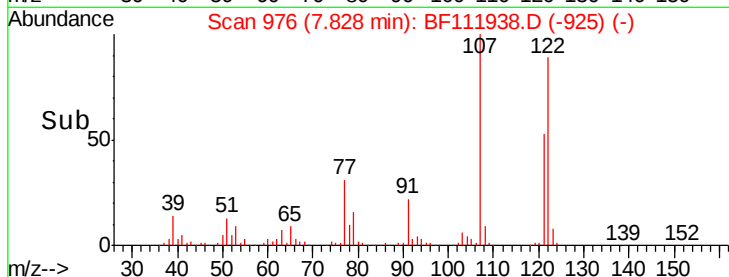
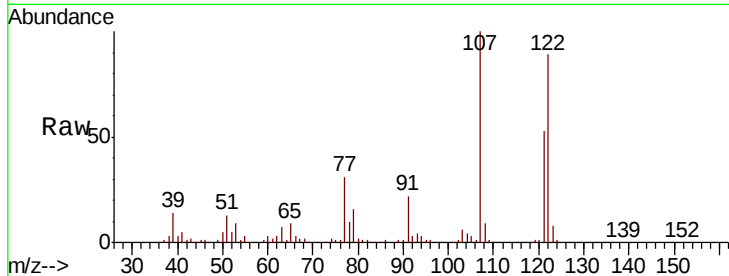




#27
 2,4-Dimethylphenol
 Concen: 36.628 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

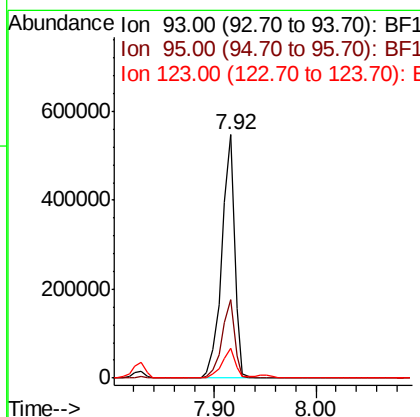
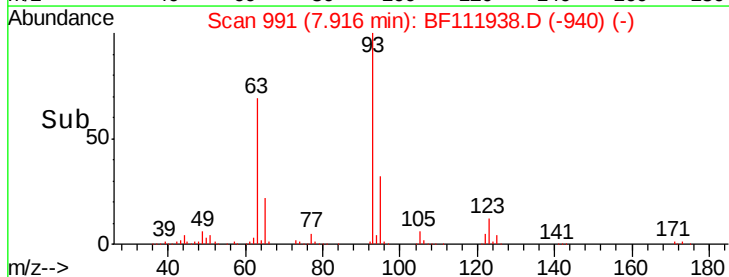
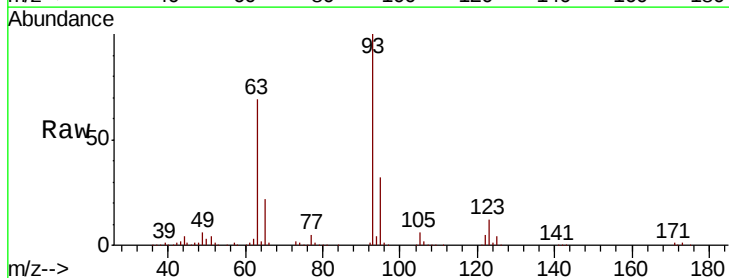
Instrument :
 BNA_F
 ClientSampleId :

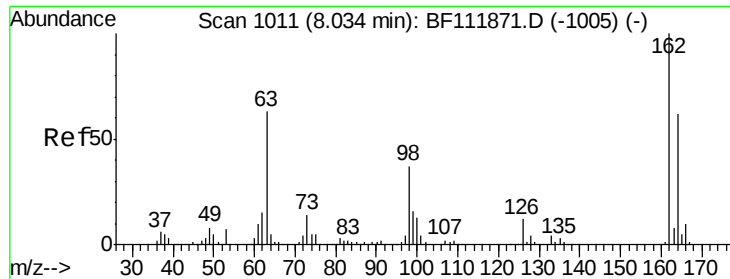
Tot Ion:122 Resp: 332434
 Ion Ratio Lower Upper
 122 100
 107 111.9 91.0 136.6
 121 59.0 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.389 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Tgt Ion: 93 Resp: 482049
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.6
 123 12.0 9.5 14.3

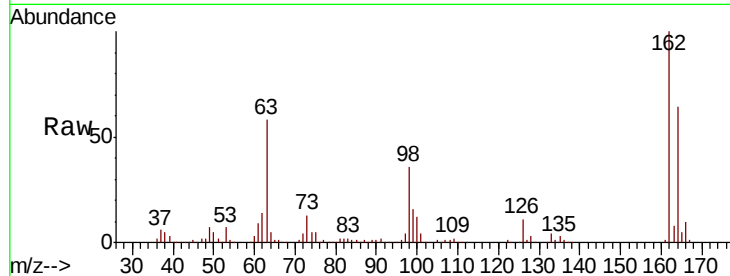




#29
 2,4-Dichlorophenol
 Concen: 34.300 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.1	82.1
98	36.3	17.2	57.2

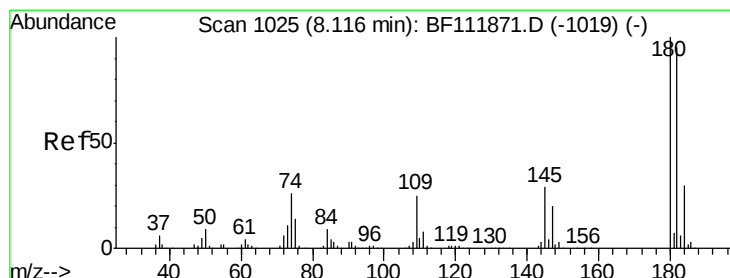
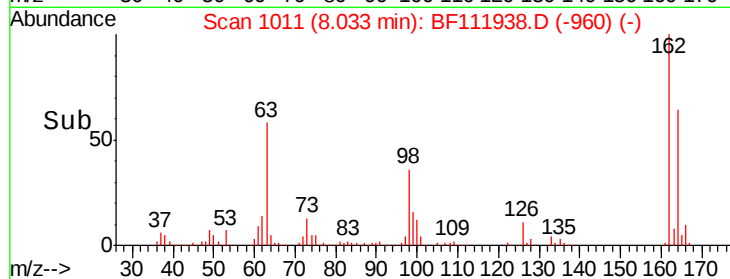
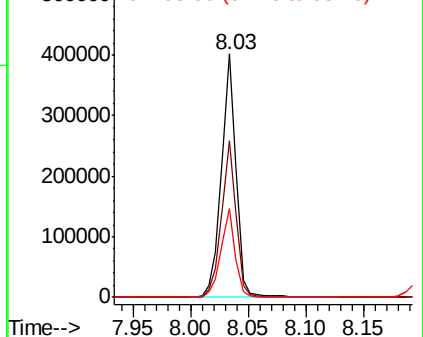


Abundance

Ion 162.00 (161.70 to 162.70): E

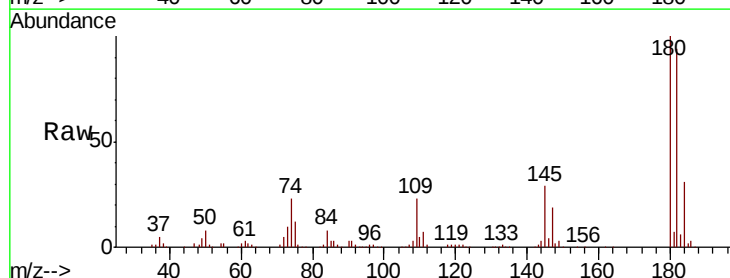
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.323 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.2	114.4
145	28.7	23.4	35.2

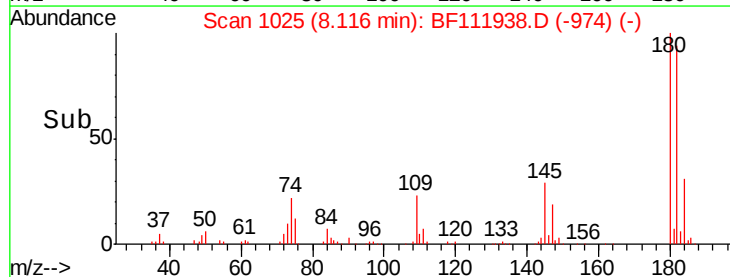
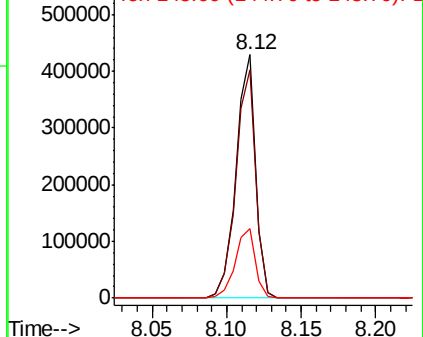


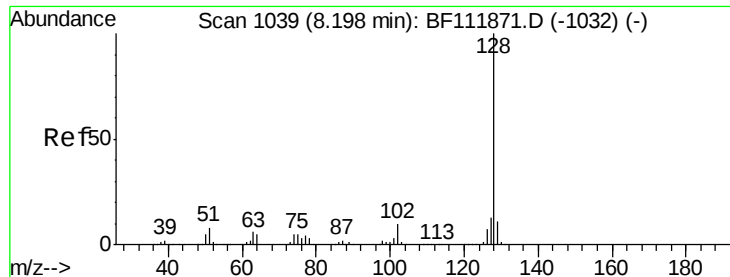
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

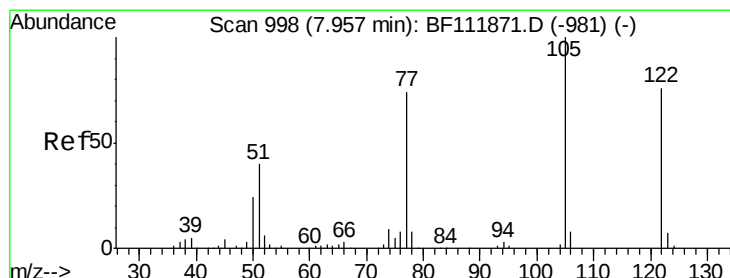
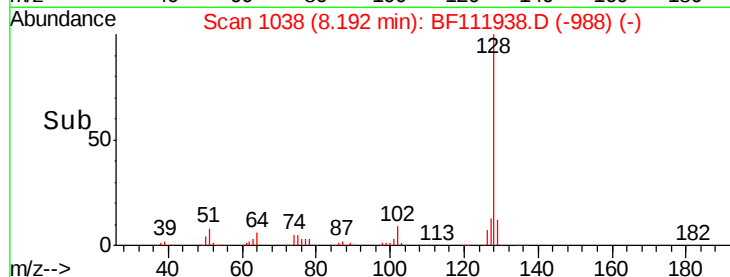
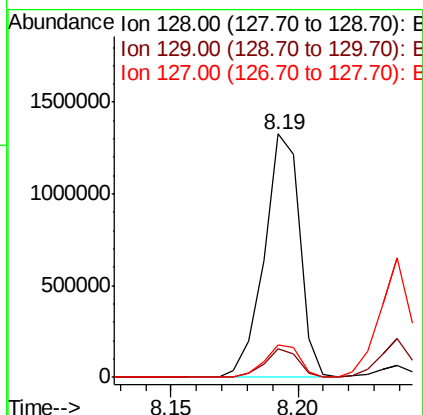
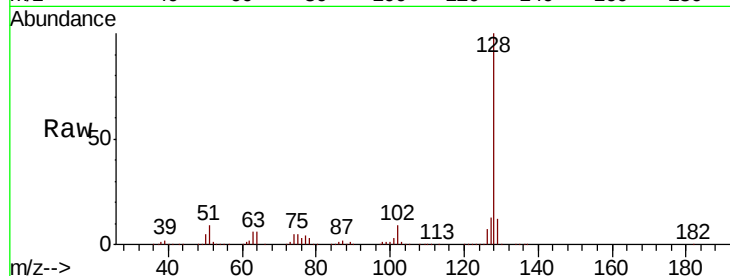




#31
Naphthalene
Concen: 40.283 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

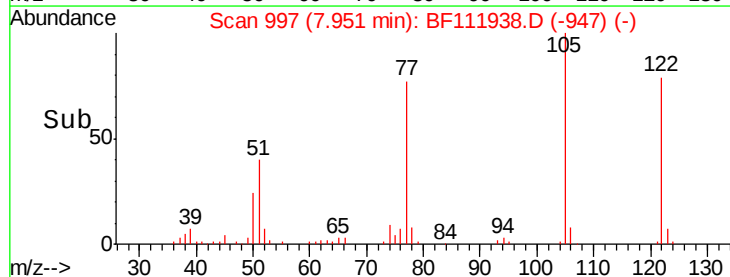
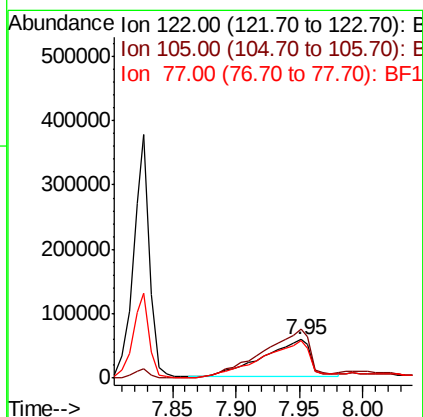
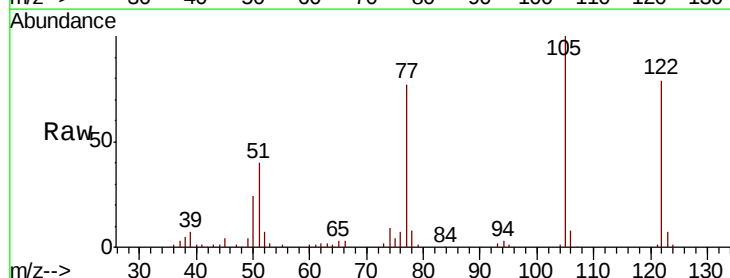
Instrument :
BNA_F
ClientSampleId :

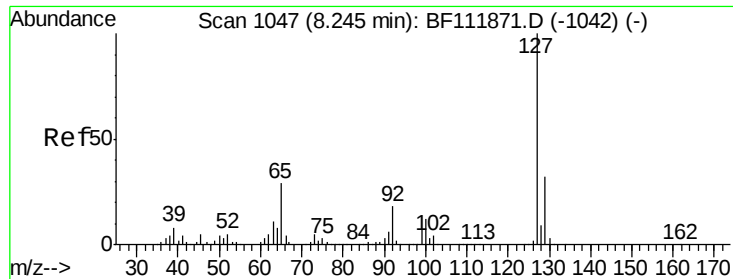
Tot Ion:128 Resp: 1287985
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 26.524 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion:122 Resp: 156215
Ion Ratio Lower Upper
122 100
105 126.8 107.9 147.9
77 97.8 76.6 116.6

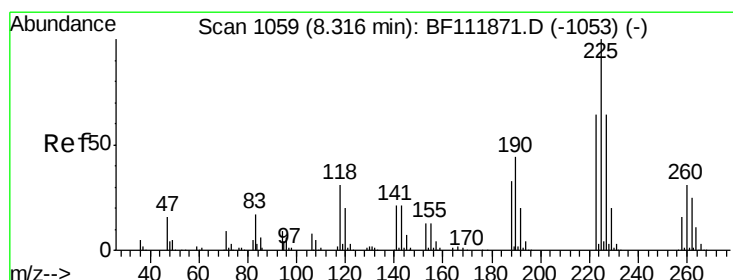
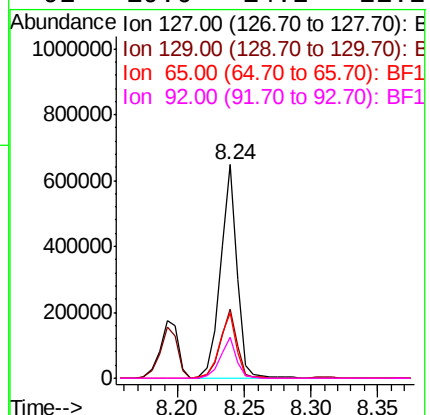
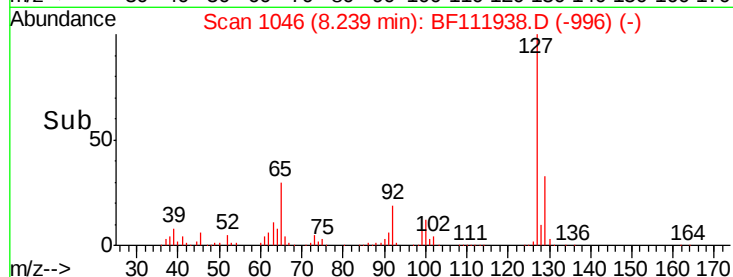
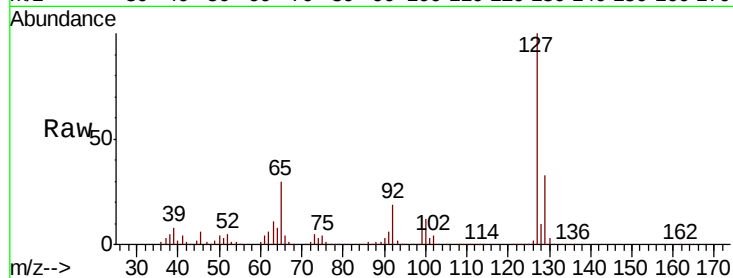




#33
4-Chloroaniline
Concen: 41.079 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

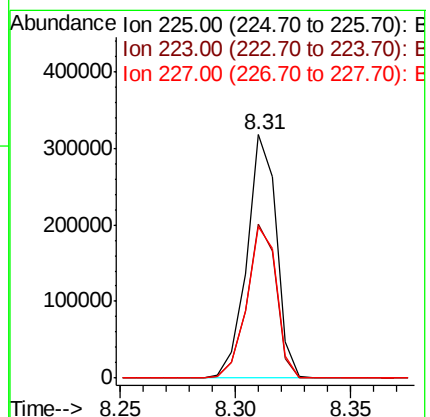
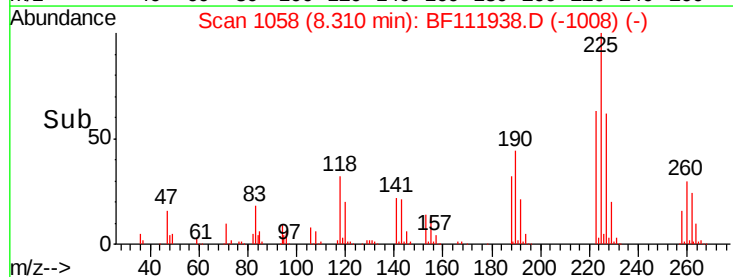
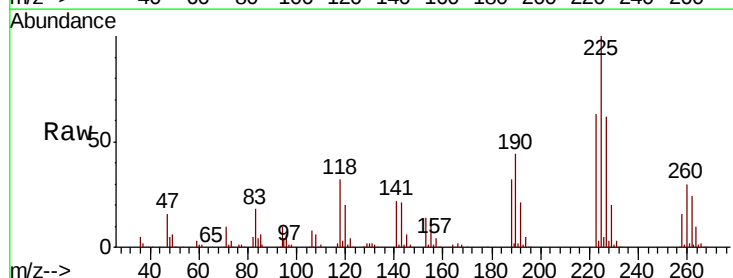
Instrument :
BNA_F
ClientSampled :

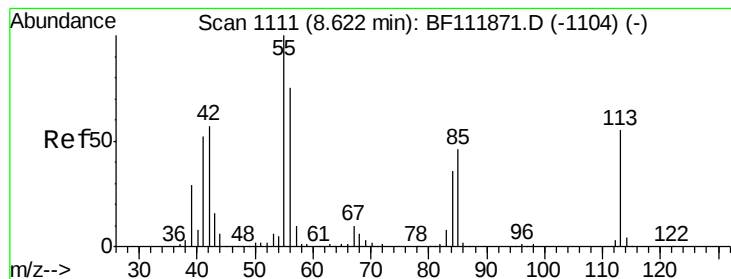
Tot Ion:	127	Resp:	567772
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	30.4	23.5	35.3
92	19.0	14.2	21.2



#34
Hexachlorobutadiene
Concen: 39.530 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion:	225	Resp:	283324
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	62.4	51.4	77.0





#35

Caprolactam

Concen: 41.571 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampled :

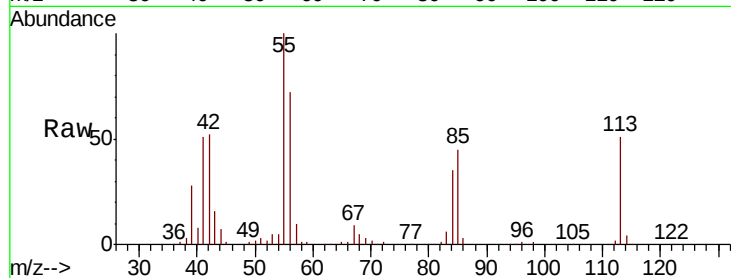
Tot Ion:113 Resp: 141747

Ion Ratio Lower Upper

113 100

55 197.8 162.0 202.0

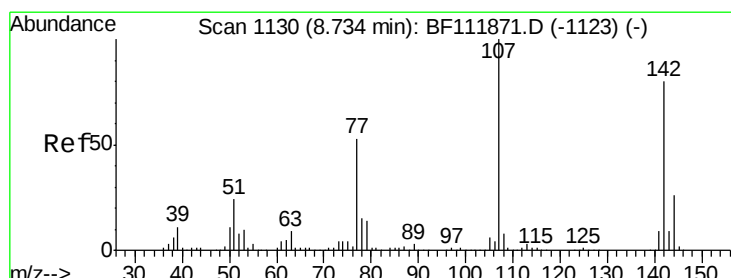
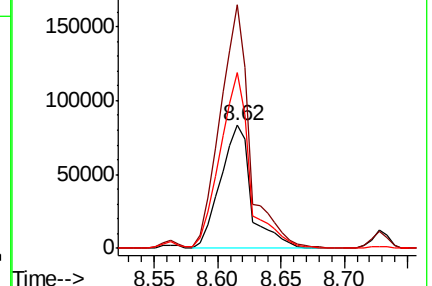
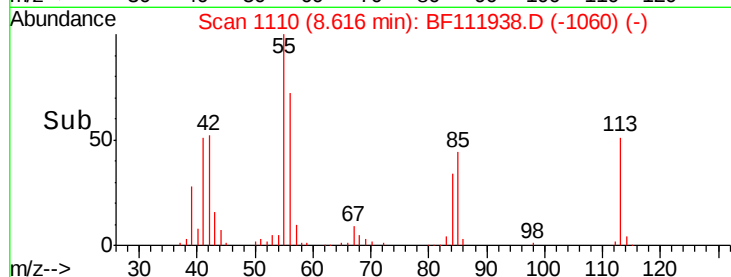
56 142.7 116.0 156.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.485 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

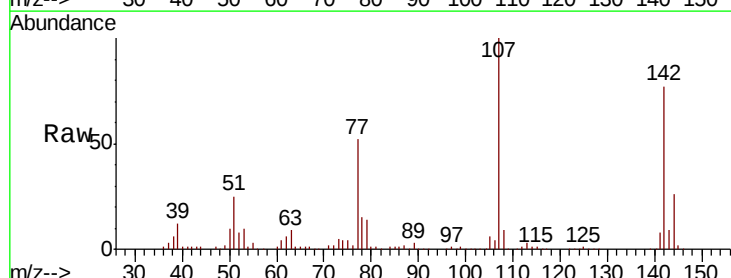
Tgt Ion:107 Resp: 378587

Ion Ratio Lower Upper

107 100

144 25.6 20.7 31.1

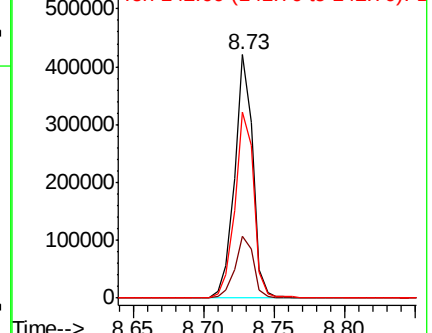
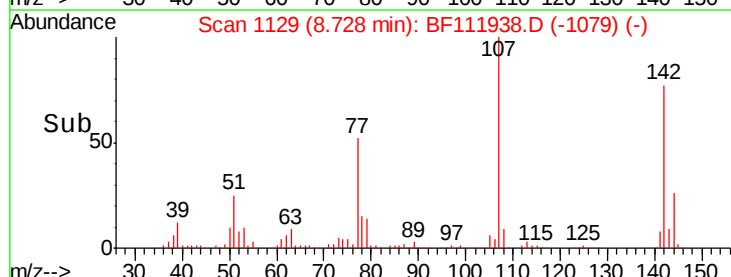
142 76.7 63.9 95.9

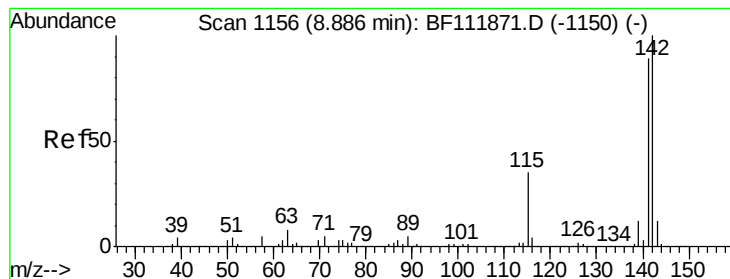


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.421 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampleId :

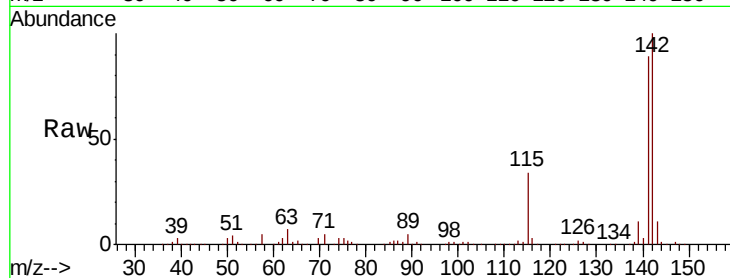
Tot Ion:142 Resp: 840443

Ion Ratio Lower Upper

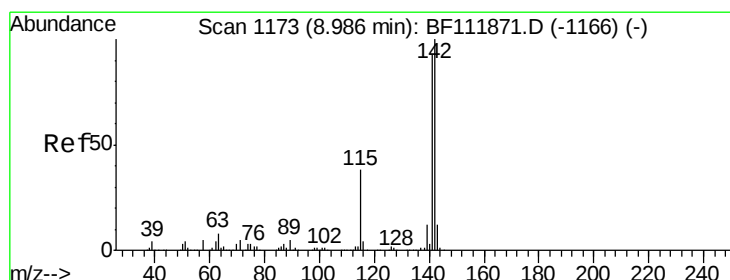
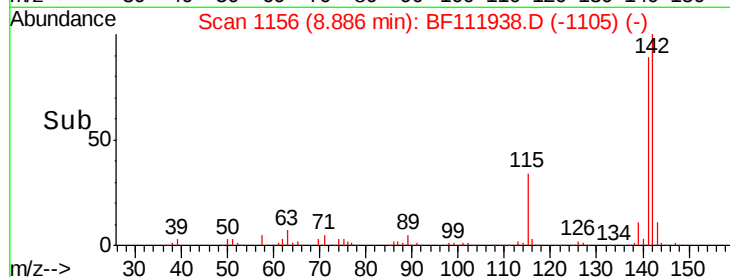
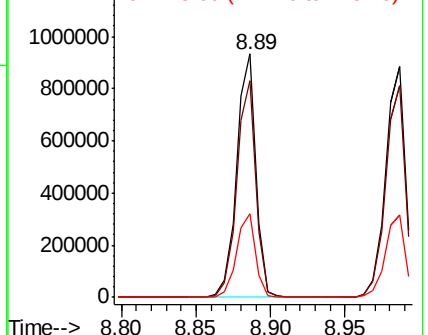
142 100

141 88.8 71.4 107.2

115 34.3 28.3 42.5



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: 42.020 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

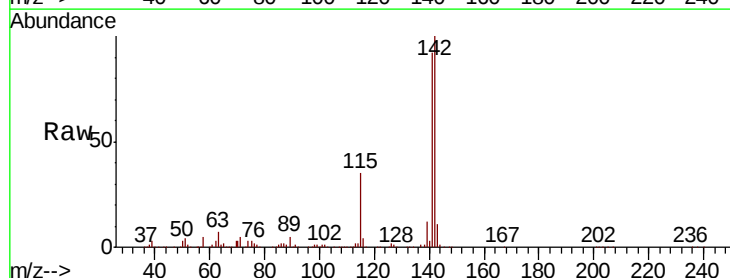
Tgt Ion:142 Resp: 798482

Ion Ratio Lower Upper

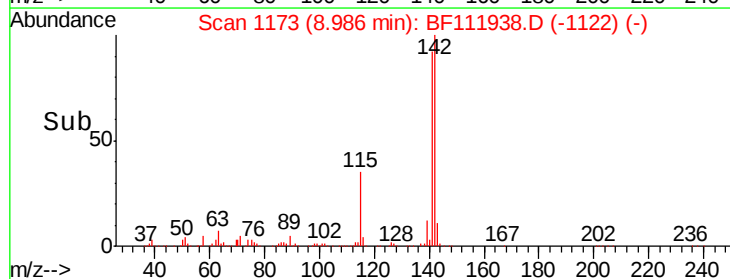
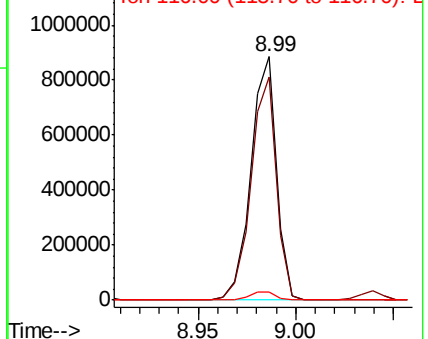
142 100

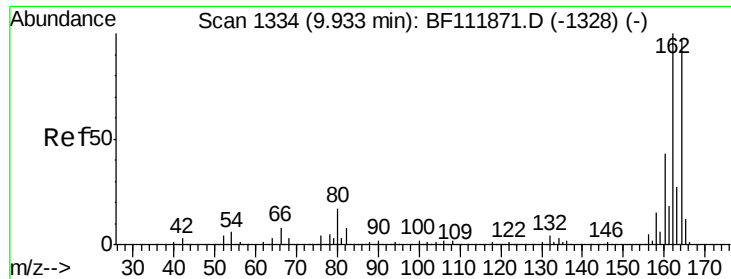
141 91.7 74.8 112.2

116 3.6 3.1 4.7



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

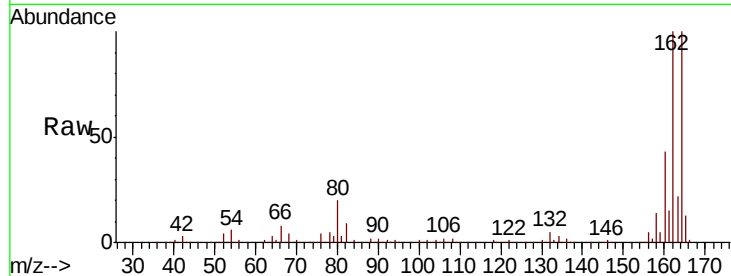




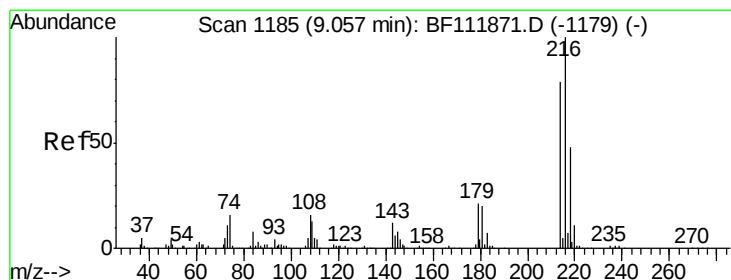
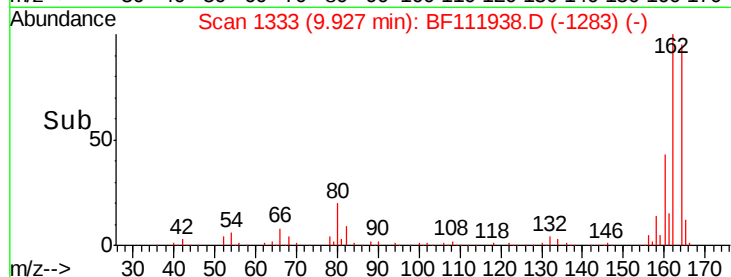
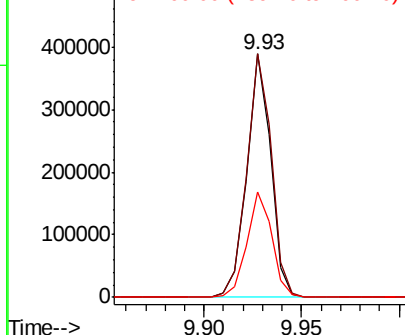
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 330537
Ion Ratio Lower Upper
164 100
162 100.2 82.2 123.2
160 43.2 35.5 53.3

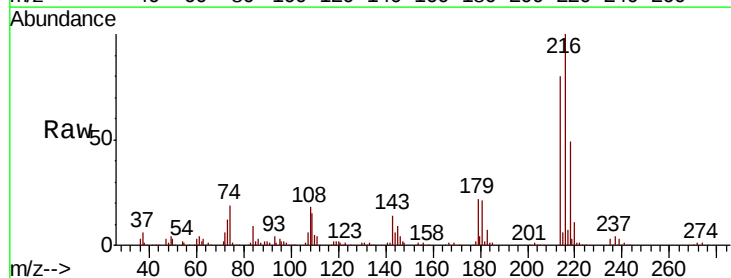


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

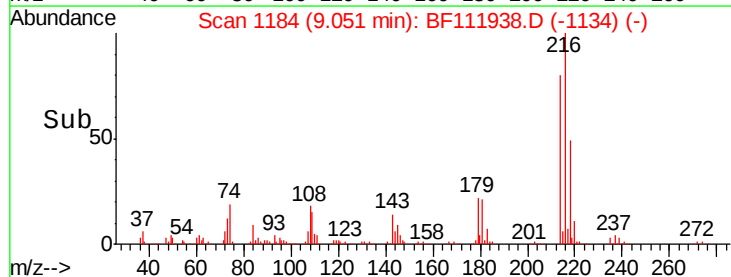
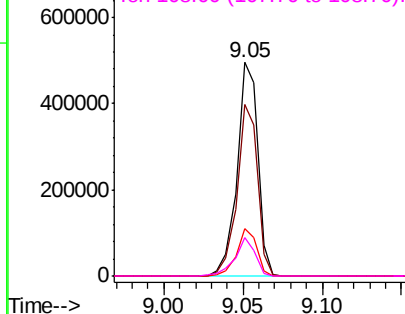


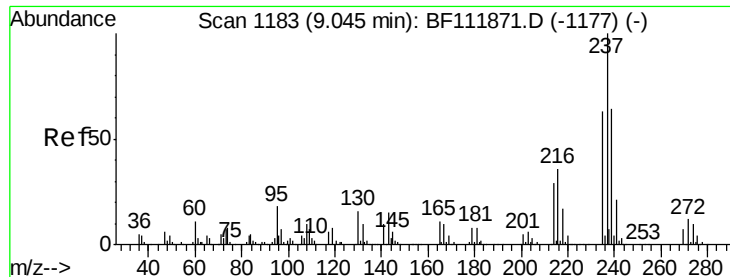
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.874 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion:216 Resp: 451789
Ion Ratio Lower Upper
216 100
214 79.1 63.5 95.3
179 21.3 17.0 25.6
108 17.6 14.6 22.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.508 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampleId :

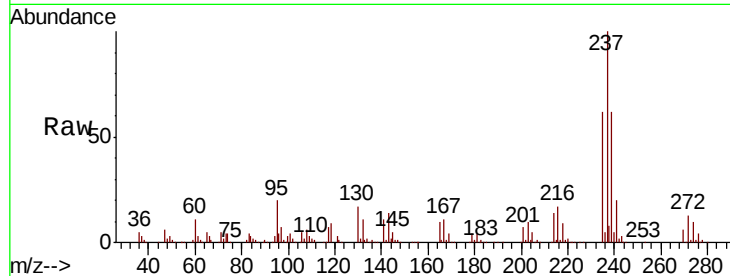
Tot Ion:237 Resp: 240716

Ion Ratio Lower Upper

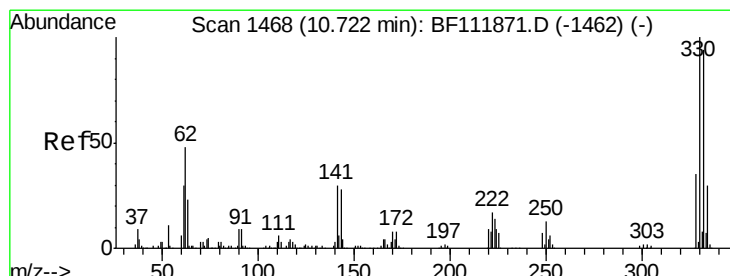
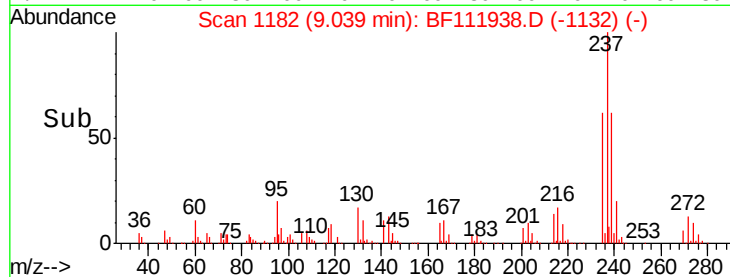
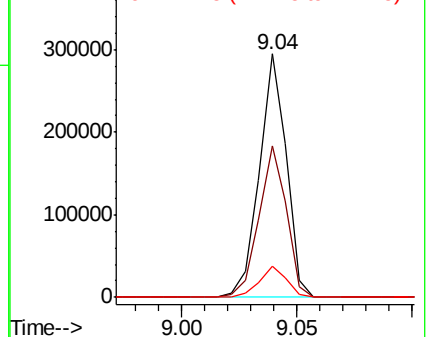
237 100

235 62.4 42.6 82.6

272 12.7 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 63.922 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

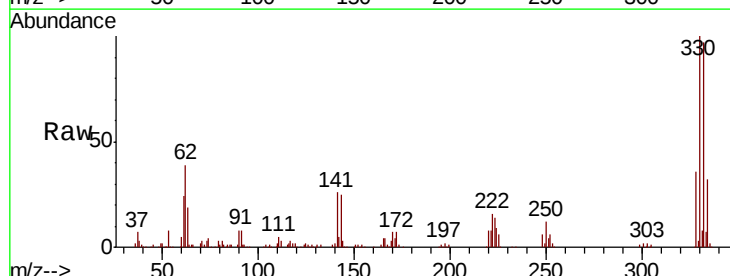
Tgt Ion:330 Resp: 274817

Ion Ratio Lower Upper

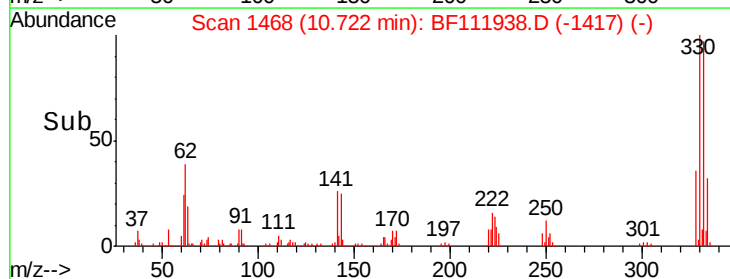
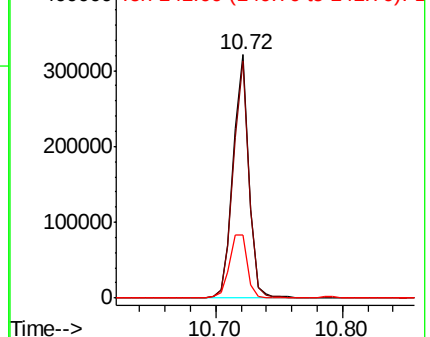
330 100

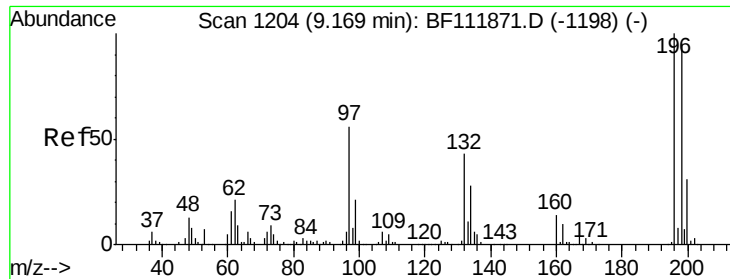
332 97.3 76.9 115.3

141 30.1 23.7 35.5



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

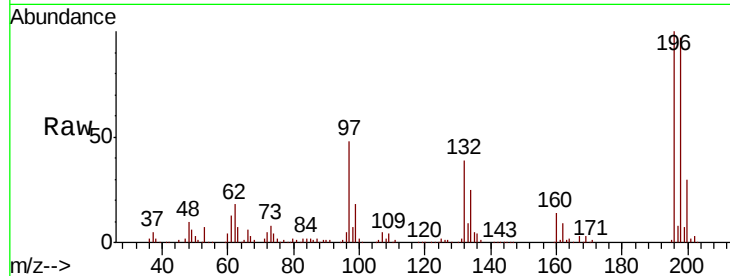




#43
 2,4,6-Trichlorophenol
 Concen: 41.883 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	299354
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.8	113.8
200	30.5	24.5	36.7

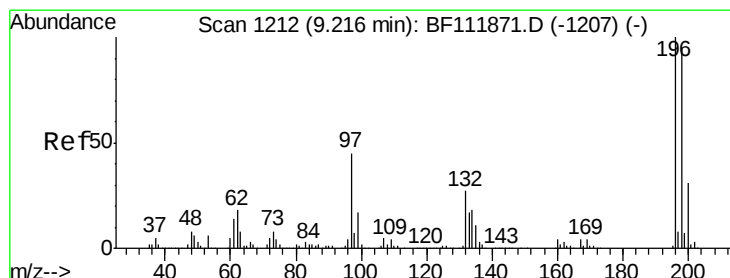
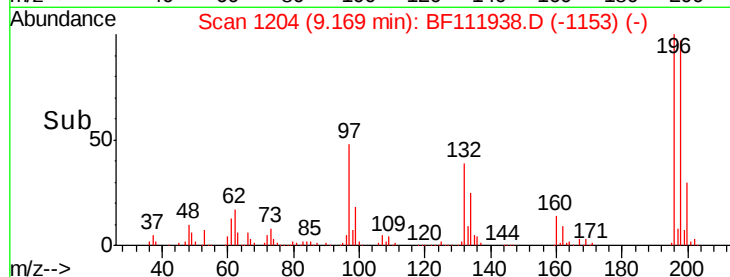
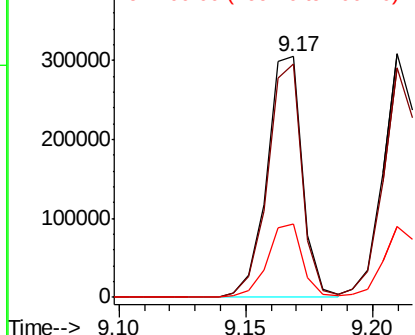


Abundance

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: 39.807 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Tgt Ion	196	Resp	298095
Ion Ratio	Lower	Upper	
196	100		
198	94.1	76.2	114.2
97	49.5	36.4	54.6
132	27.9	21.7	32.5

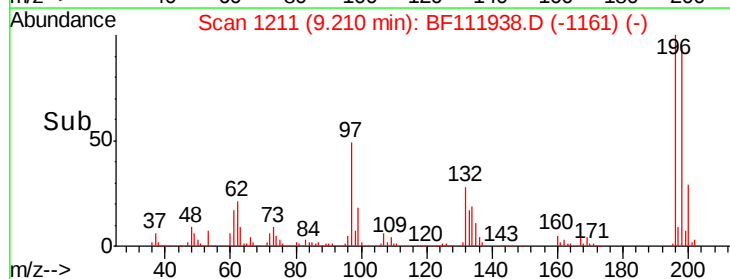
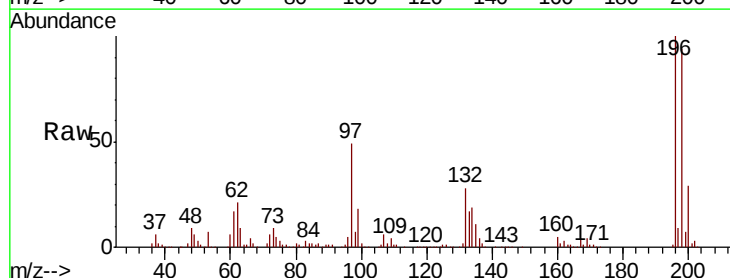
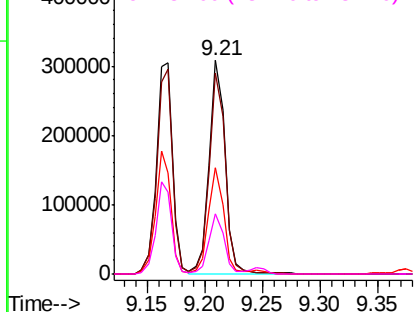
Abundance

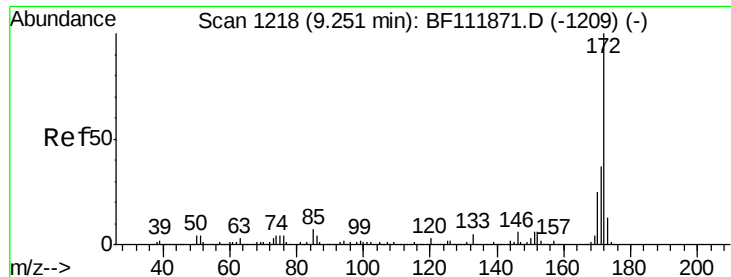
Ion 196.00 (195.70 to 196.70): E

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



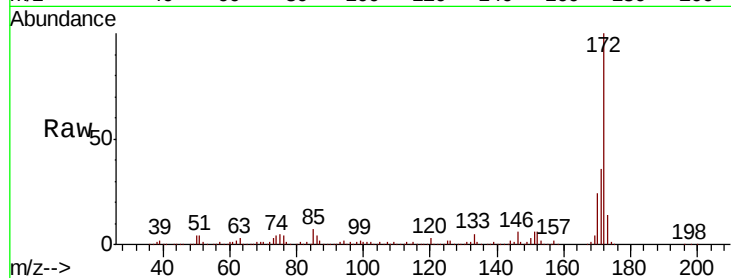


#45
 2-Fluorobiphenyl
 Concen: 81.237 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

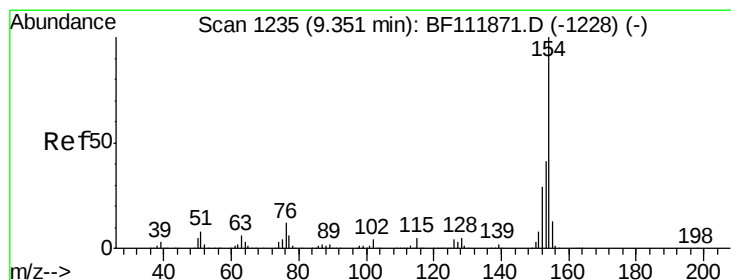
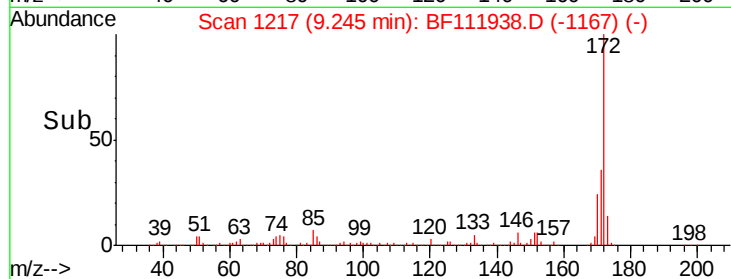
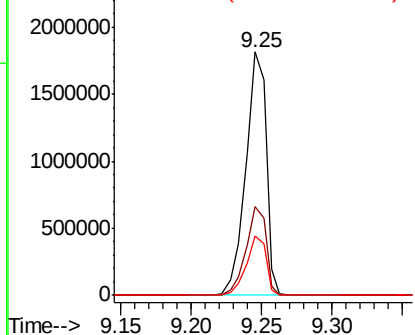
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1841429

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.2	19.8	29.8



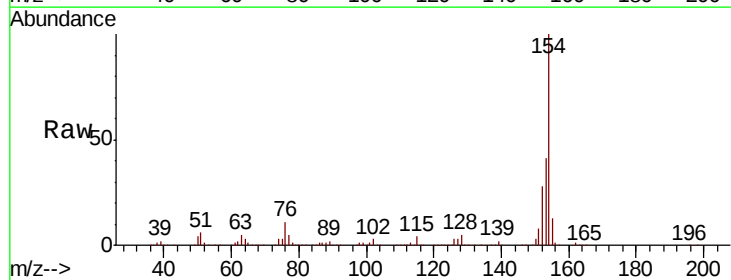
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



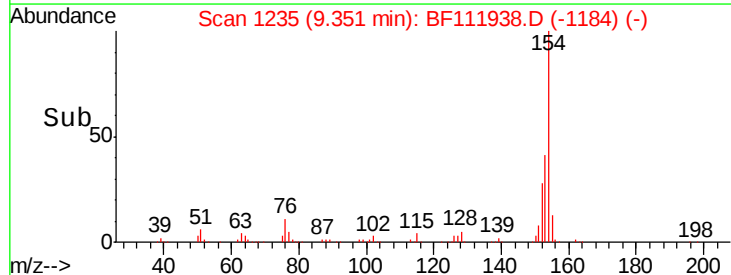
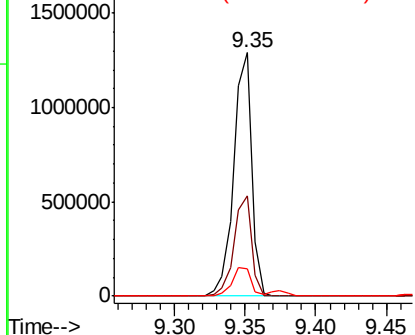
#46
 1,1'-Biphenyl
 Concen: 41.408 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

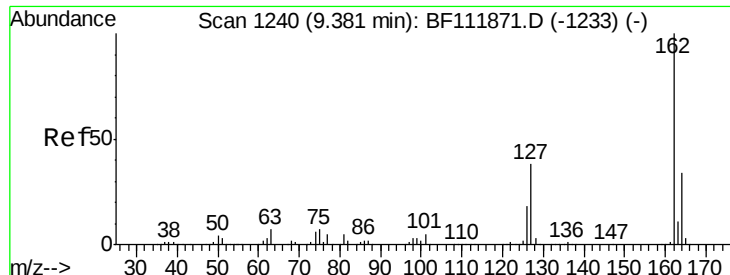
Tgt Ion:154 Resp: 1144897

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	11.0	0.0	32.3



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

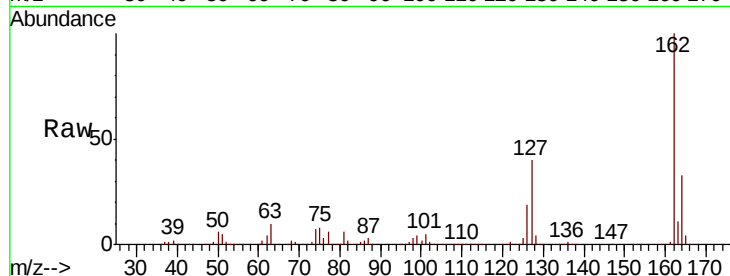




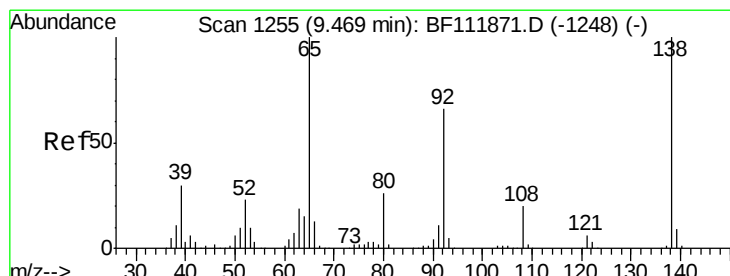
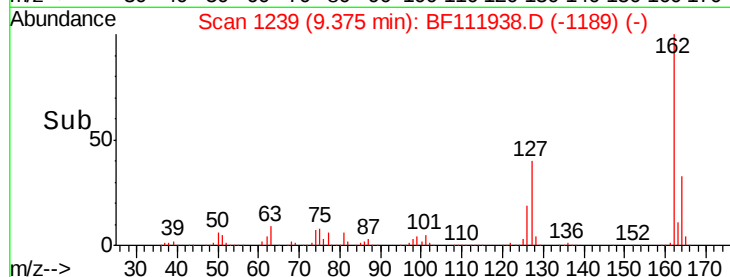
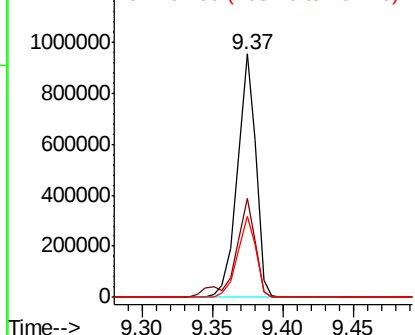
#47
 2-Chloronaphthalene
 Concen: 39.776 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 863134
 Ion Ratio Lower Upper
 162 100
 127 40.4 31.2 46.8
 164 33.4 27.0 40.6

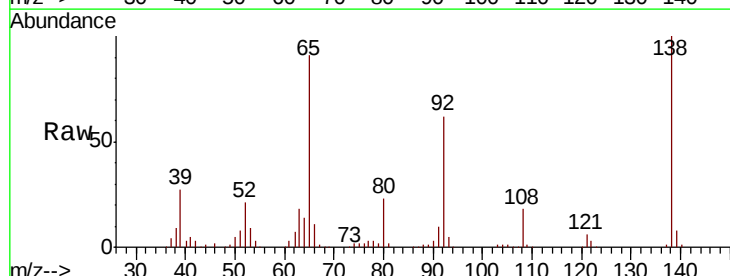


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

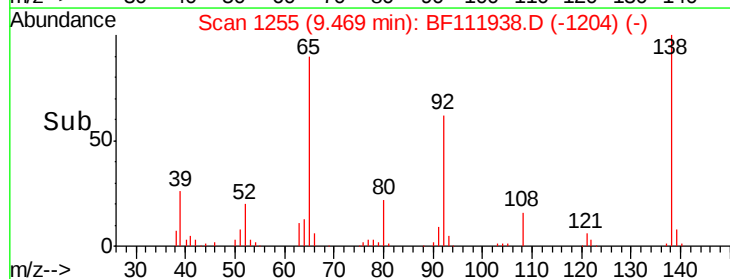
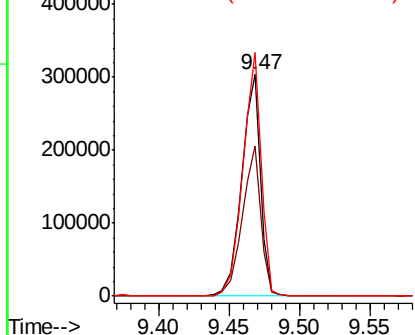


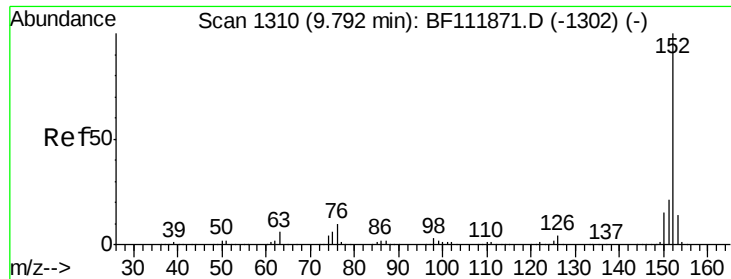
#48
 2-Nitroaniline
 Concen: 42.174 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Tgt Ion: 65 Resp: 279795
 Ion Ratio Lower Upper
 65 100
 92 68.1 52.5 78.7
 138 110.0 79.8 119.6



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: 36.341 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

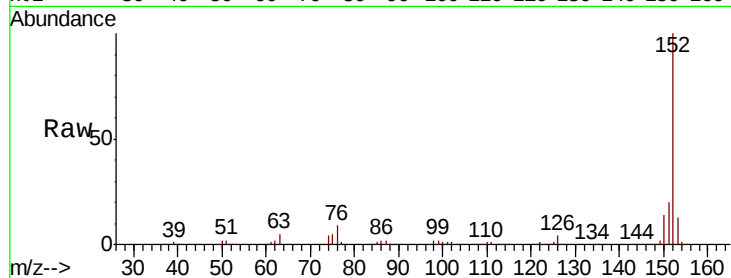
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1165860

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	25.0
153	13.3	11.0	16.4

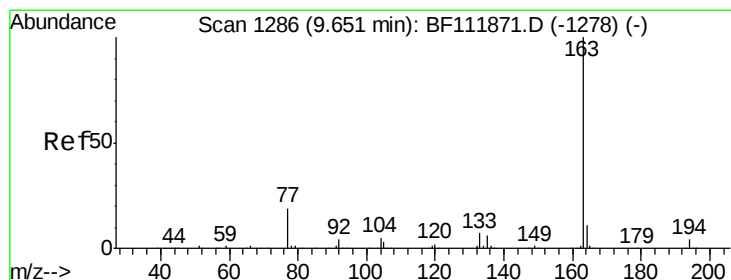
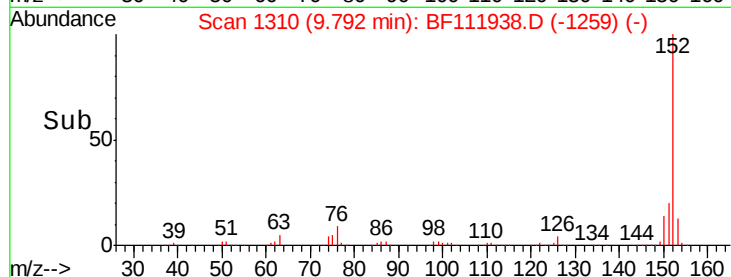
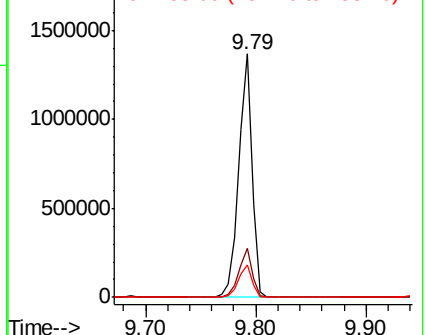


Abundance

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: 36.576 ng

RT: 9.65 min Scan# 1285

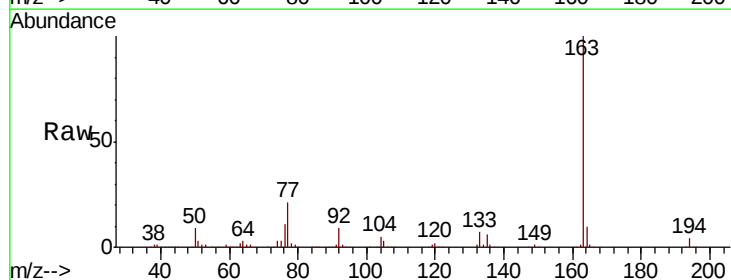
Delta R.T. -0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Tgt Ion:163 Resp: 908189

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.4	8.5	12.7

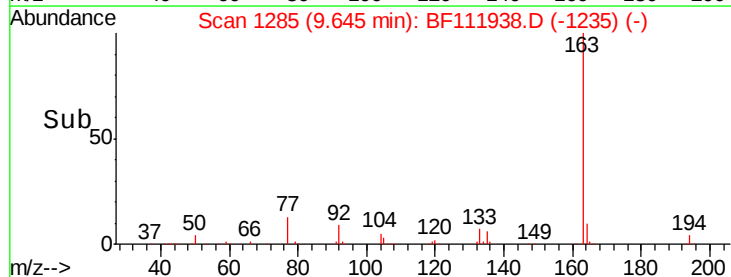
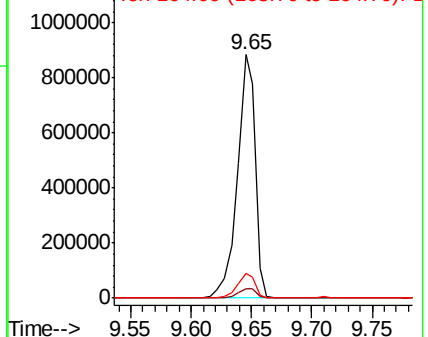


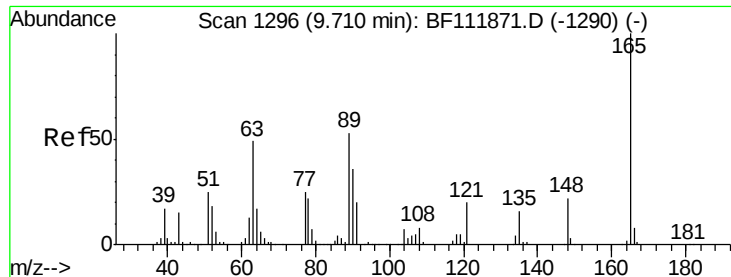
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

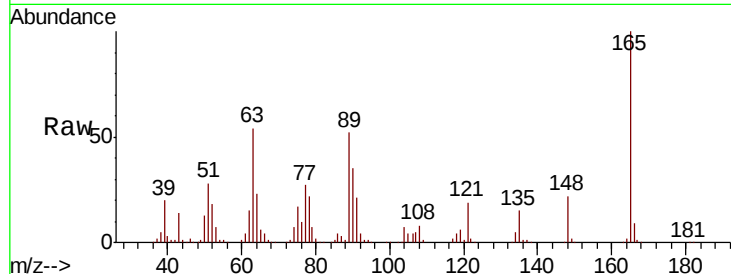




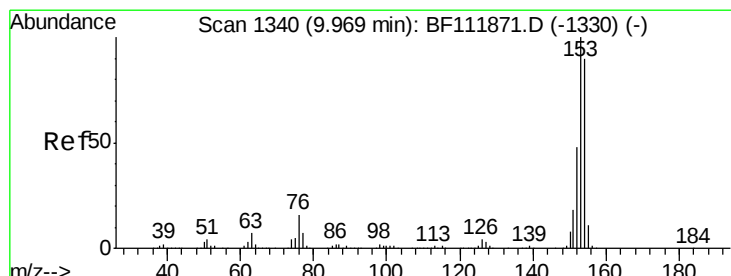
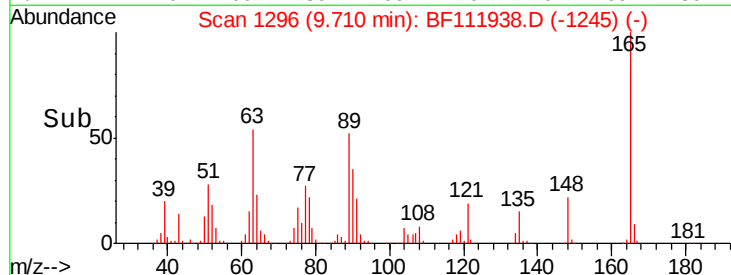
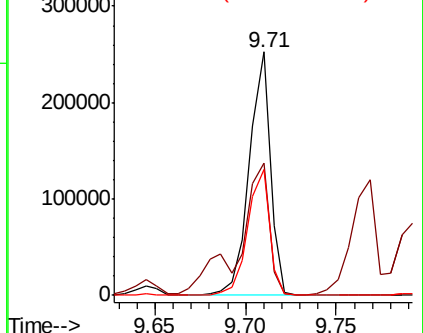
#51
2,6-Dinitrotoluene
Concen: 37.040 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.4	46.2	69.2
89	51.5	42.2	63.2

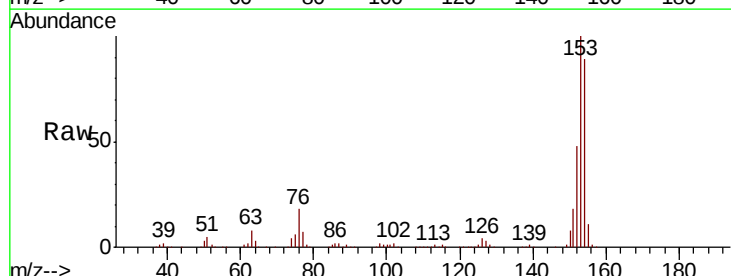


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

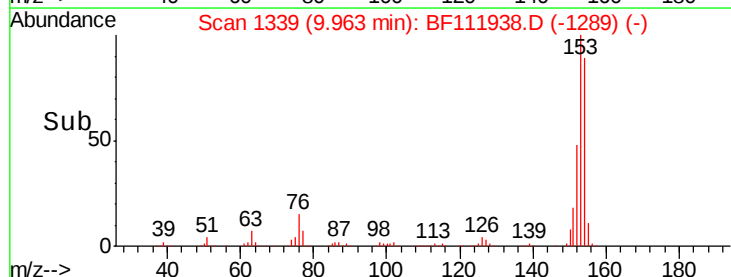
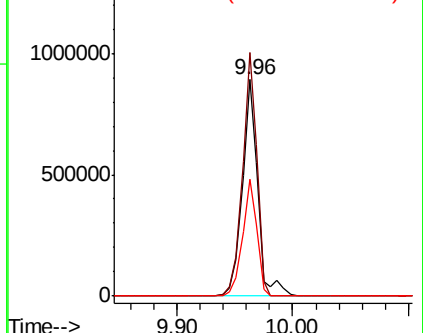


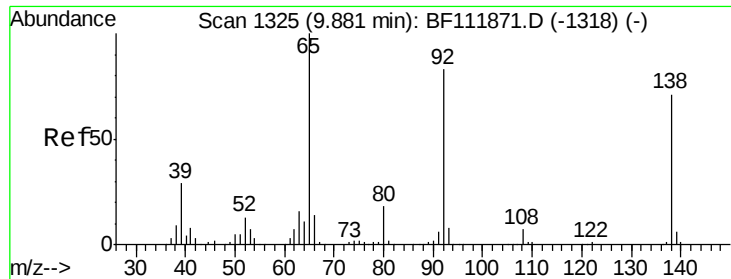
#52
Acenaphthene
Concen: 40.087 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.4	134.0
152	54.3	43.1	64.7



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

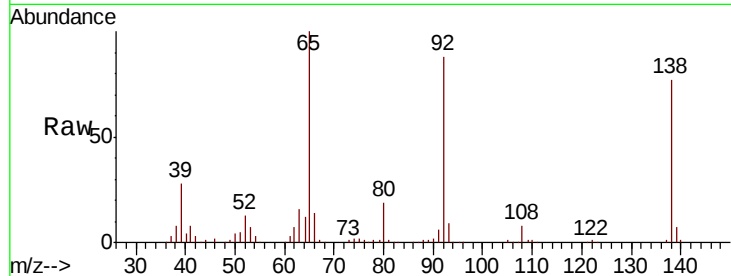




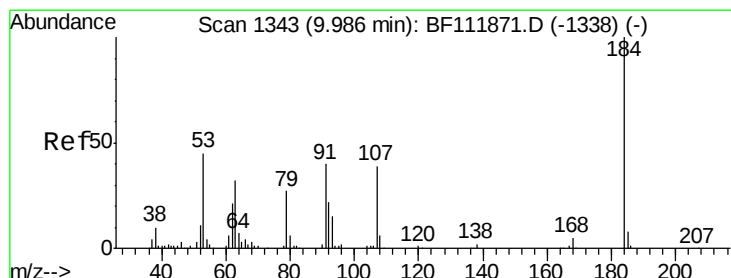
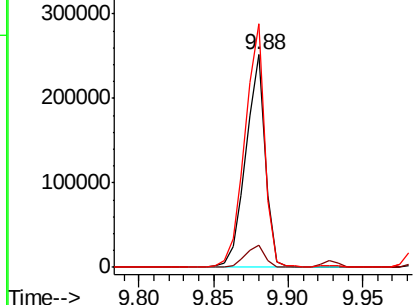
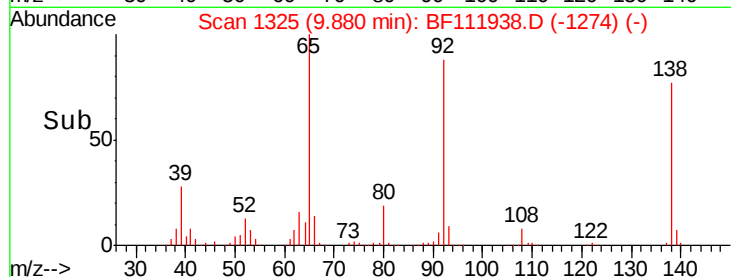
#53
3-Nitroaniline
Concen: 38.502 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 228943
Ion Ratio Lower Upper
138 100
108 10.4 8.2 12.4
92 114.4 93.5 140.3

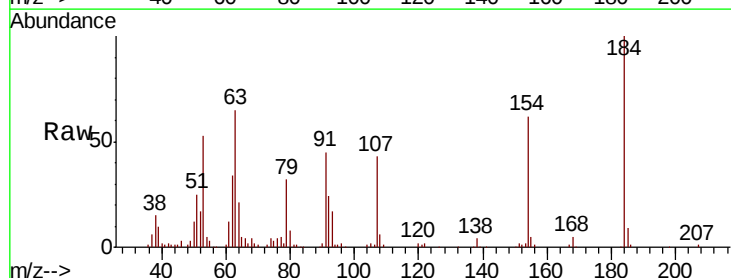


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

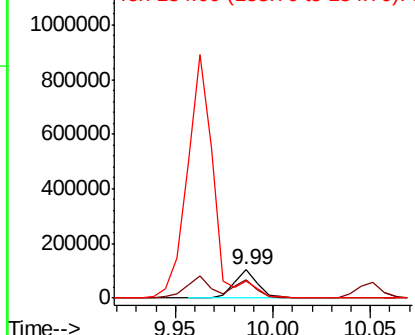
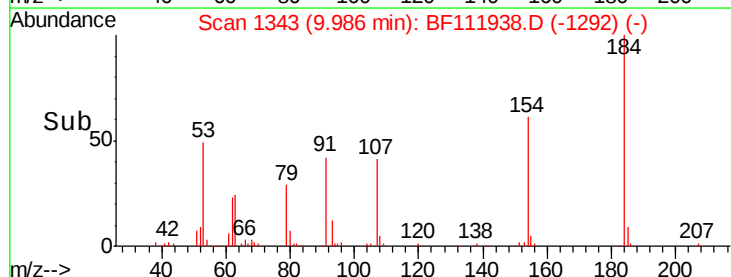


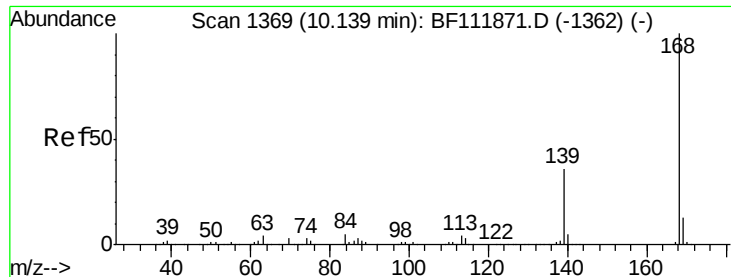
#54
2,4-Dinitrophenol
Concen: 38.370 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion:184 Resp: 90213
Ion Ratio Lower Upper
184 100
63 65.3 46.9 70.3
154 61.7 46.9 70.3



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





#55

Dibenzofuran

Concen: 39.813 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampleId :

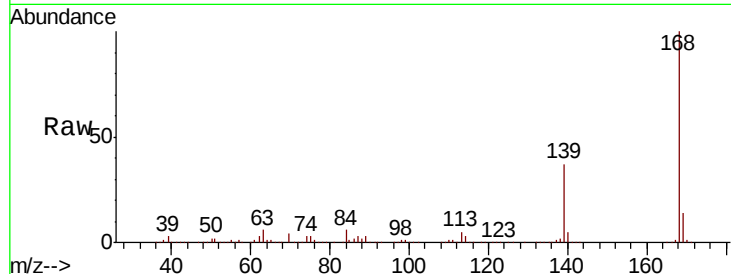
Tot Ion:168 Resp: 1197517

Ion Ratio Lower Upper

168 100

139 37.2 29.3 43.9

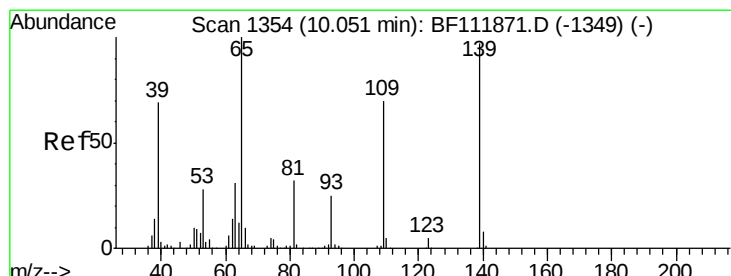
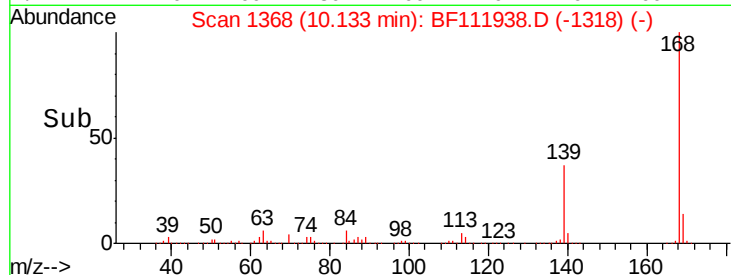
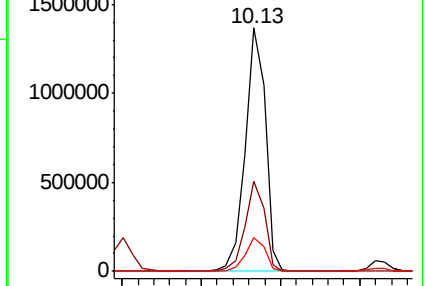
169 13.7 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.976 ng

RT: 10.05 min Scan# 1354

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

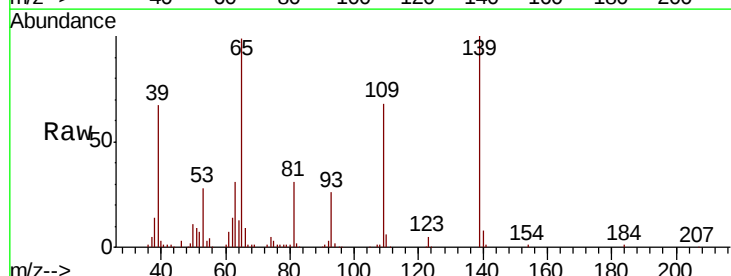
Tgt Ion:139 Resp: 167958

Ion Ratio Lower Upper

139 100

109 67.7 52.2 92.2

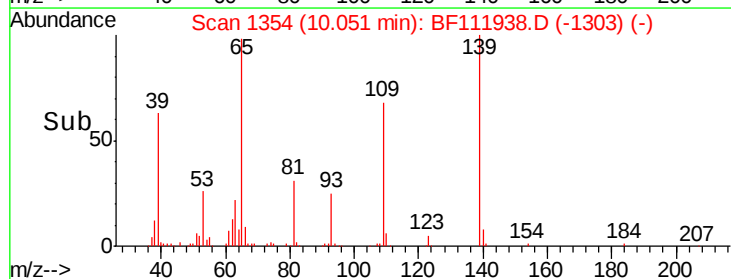
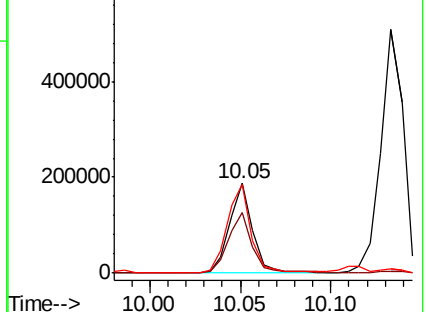
65 98.6 83.1 123.1

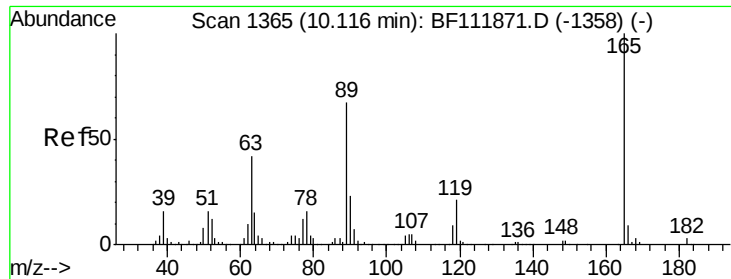


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

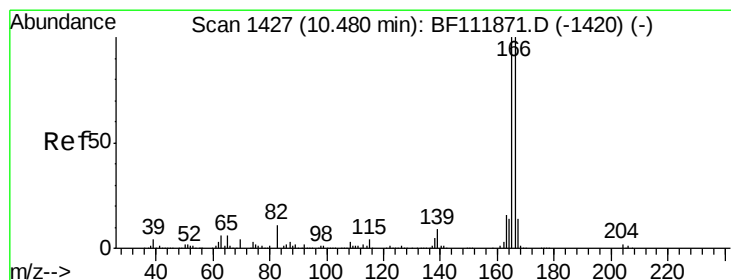
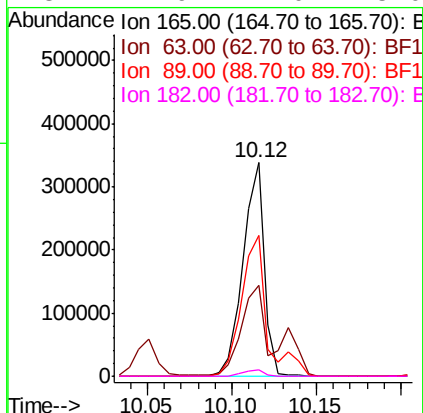
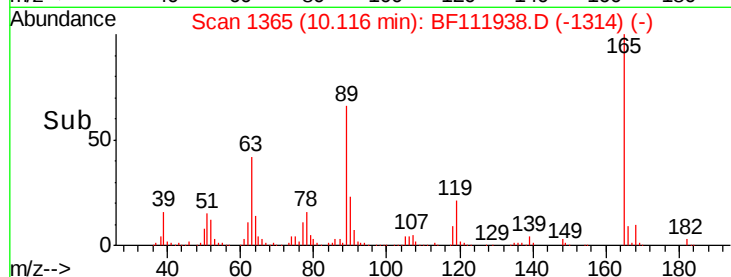
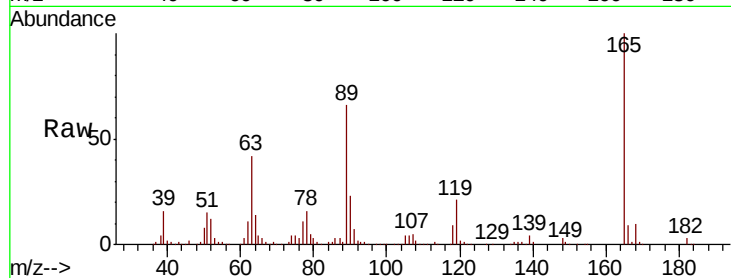




#57
2,4-Dinitrotoluene
Concen: 41.531 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

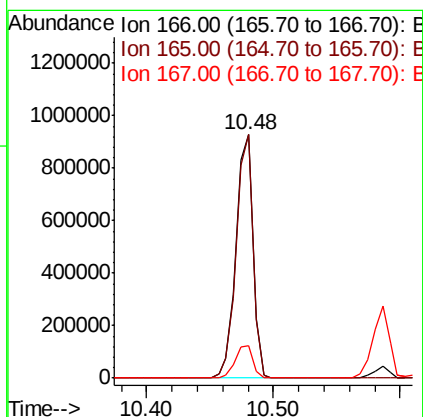
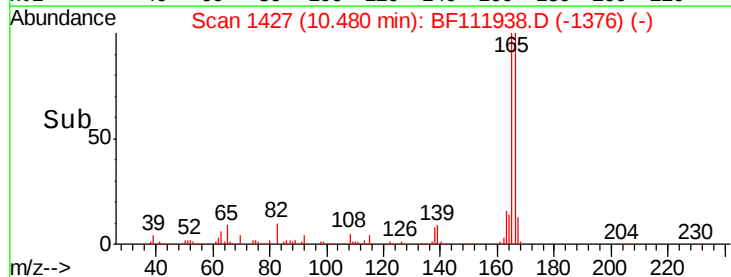
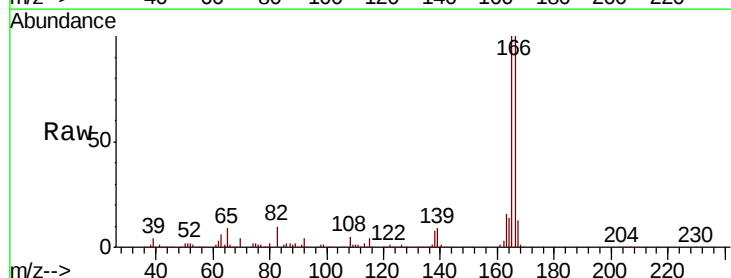
Instrument :
BNA_F
ClientSampleId :

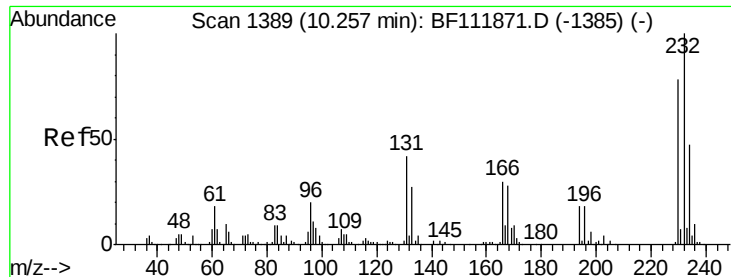
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	34.1	51.1
89	65.7	53.5	80.3
182	2.9	2.0	3.0



#58
Fluorene
Concen: 38.874 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.7	119.5
167	13.3	11.1	16.7

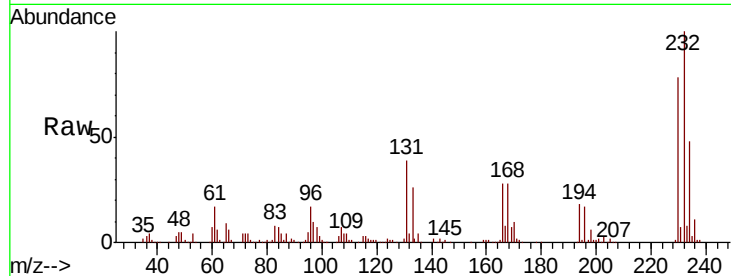




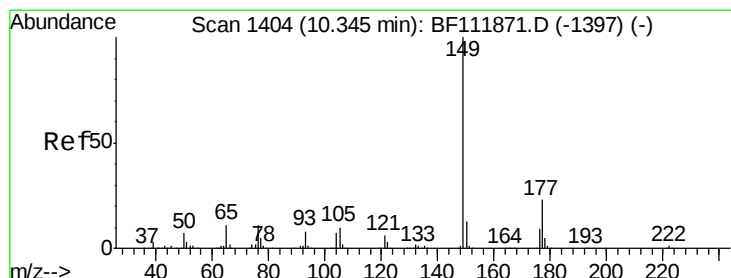
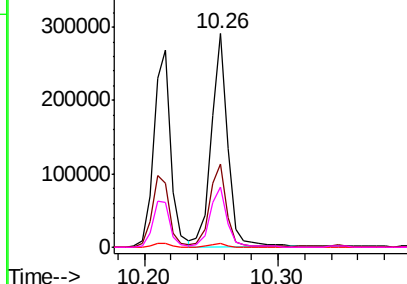
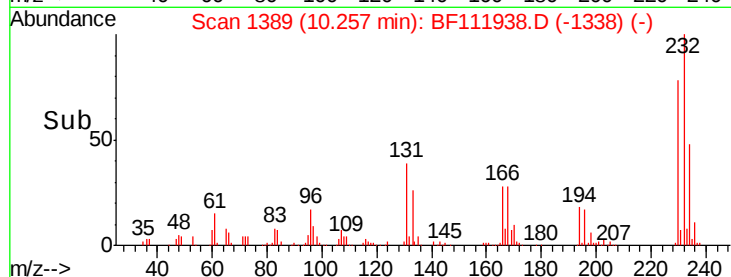
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.895 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	251712
Ion Ratio	Lower	Upper
232	100	
131	40.4	34.0 51.0
130	1.9	1.6 2.4
166	29.0	23.4 35.0

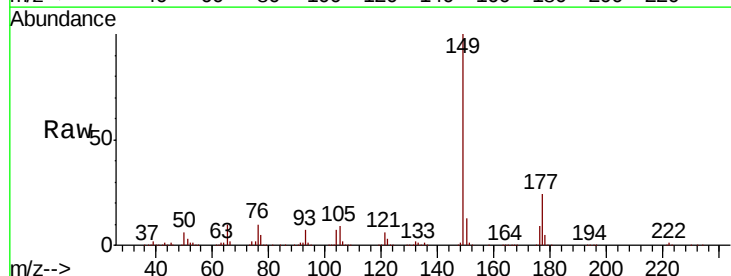


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

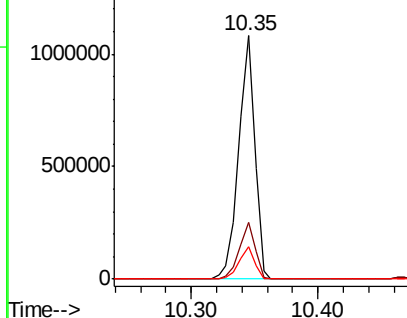
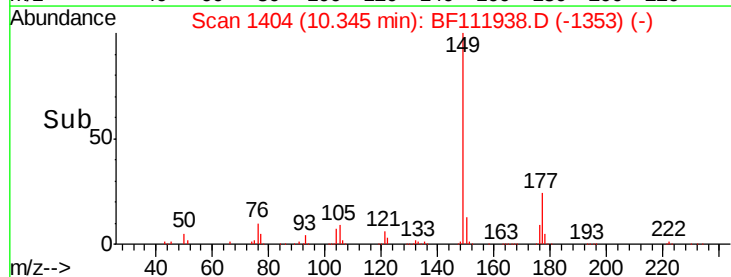


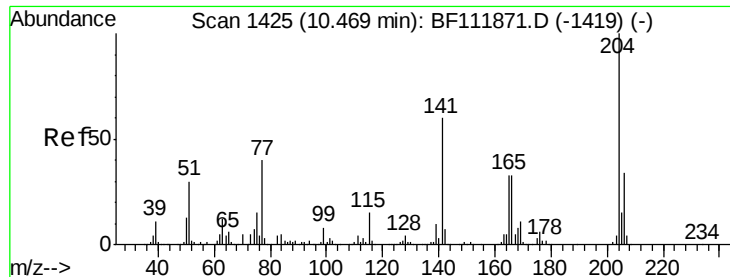
#60
 Diethylphthalate
 Concen: 39.241 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Tgt Ion:149	Resp:	942938
Ion Ratio	Lower	Upper
149	100	
177	23.5	18.3 27.5
150	13.1	10.2 15.4



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

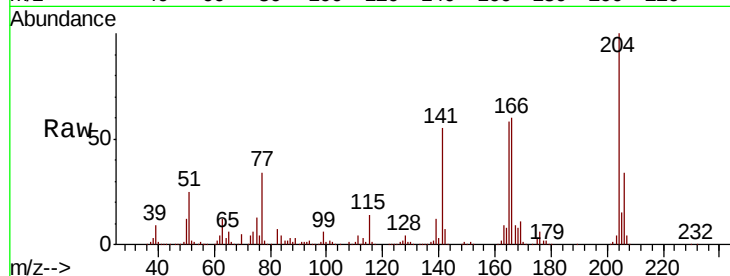




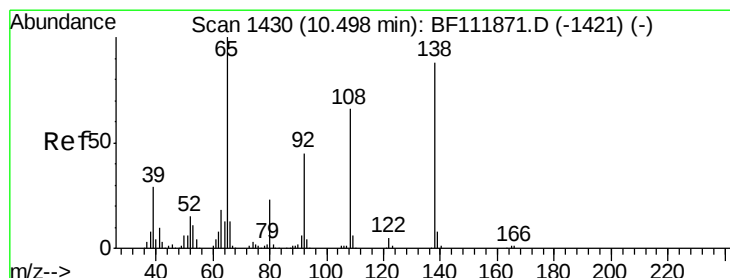
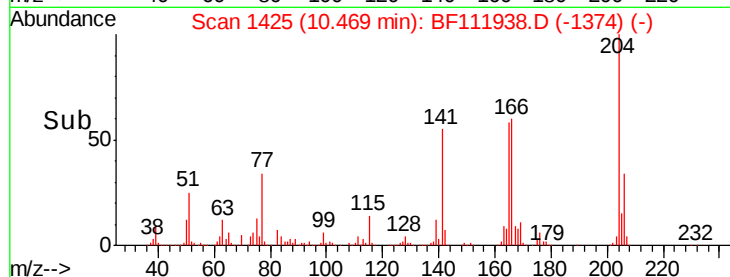
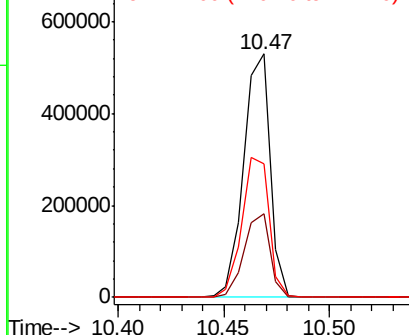
#61
 4-Chlorophenyl-phenylether
 Concen: 37.797 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 463893
 Ion Ratio Lower Upper
 204 100
 206 34.5 26.9 40.3
 141 54.9 47.9 71.9

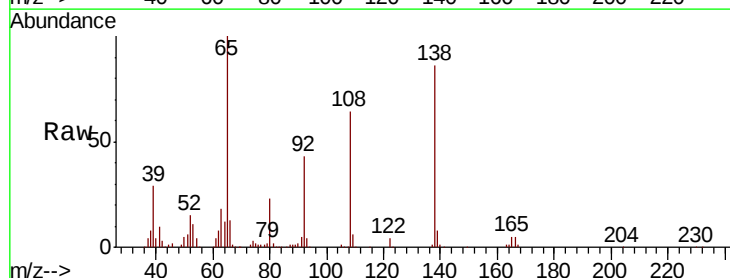


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

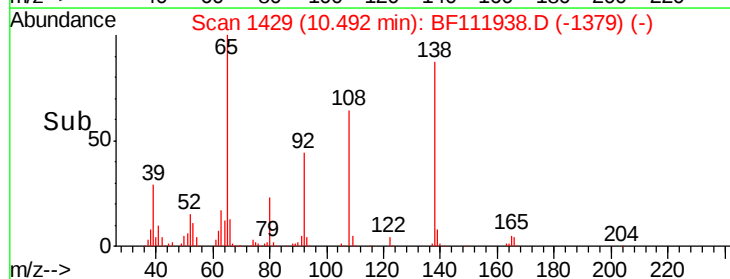
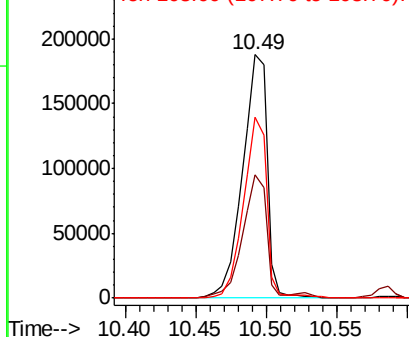


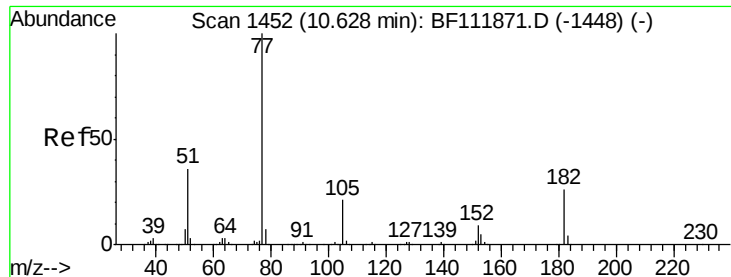
#62
 4-Nitroaniline
 Concen: 40.762 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Tgt Ion:138 Resp: 229900
 Ion Ratio Lower Upper
 138 100
 92 50.6 31.0 71.0
 108 74.0 54.7 94.7



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: 33.006 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 757646

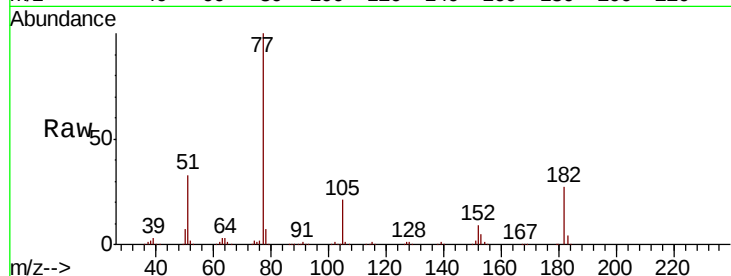
Ion Ratio Lower Upper

77 100

182 26.6 5.7 45.7

105 21.1 0.8 40.8

51 33.3 15.6 55.6

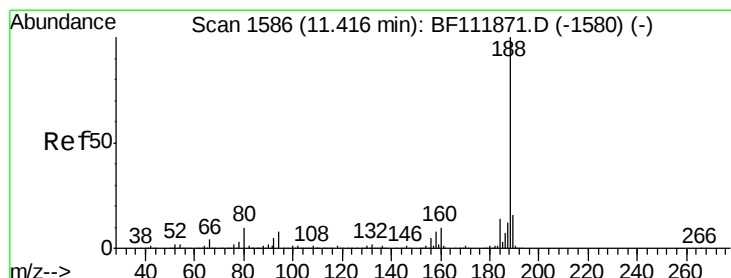
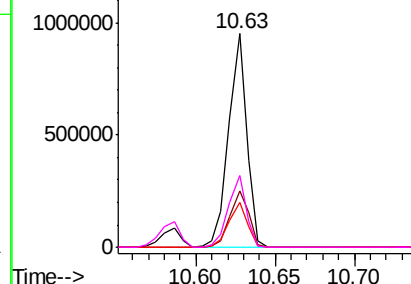
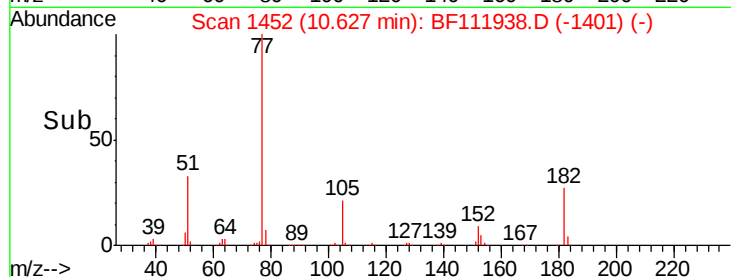


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

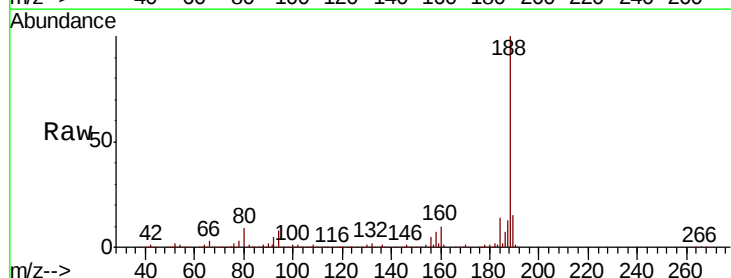
Tgt Ion: 188 Resp: 516261

Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

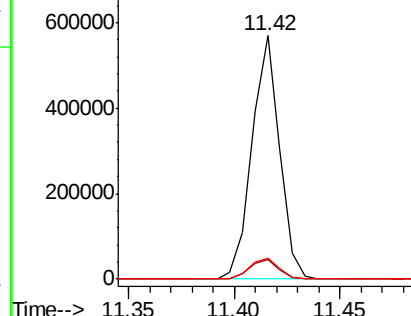
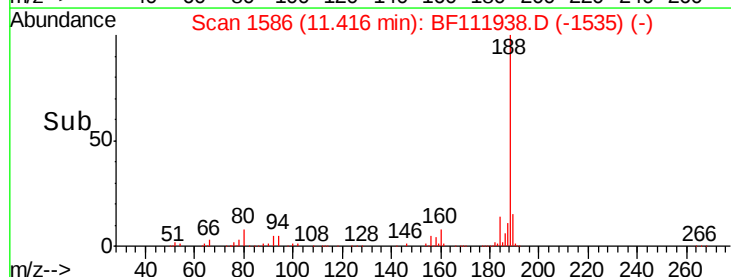
80 8.8 7.7 11.5

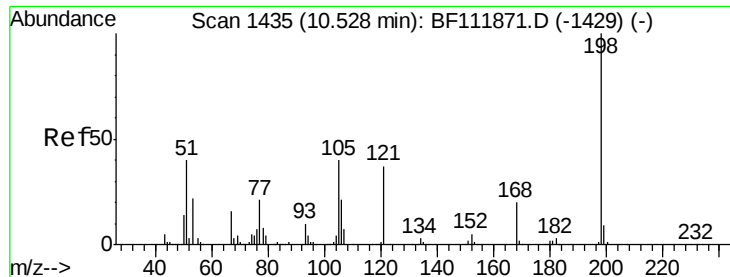


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

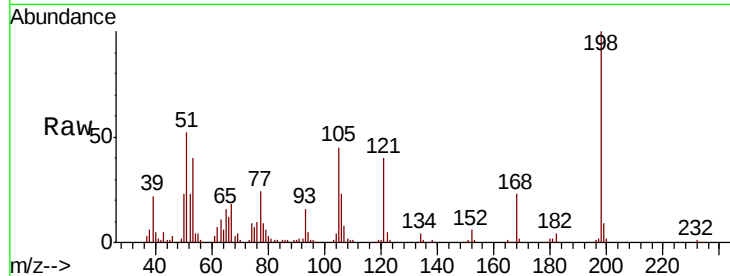




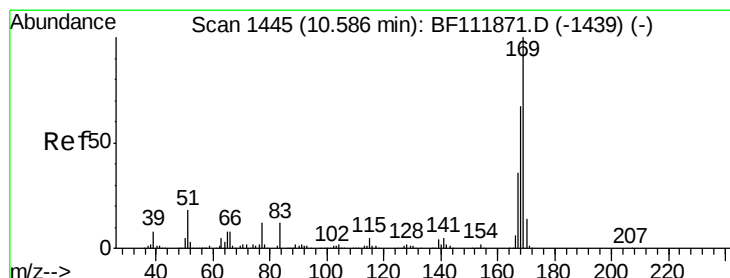
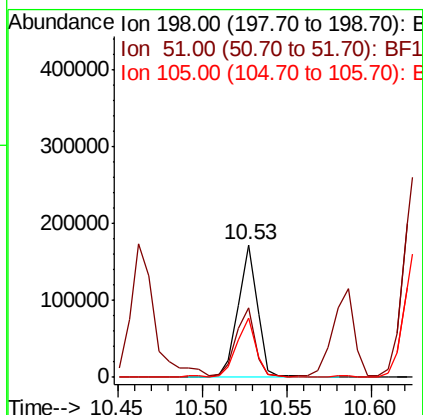
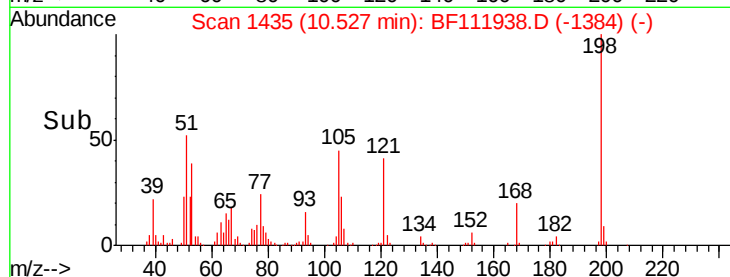
#65
4,6-Dinitro-2-methylphenol
Concen: 43.672 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 139115
Ion Ratio Lower Upper
198 100
51 52.0 27.2 67.2
105 44.8 21.0 61.0

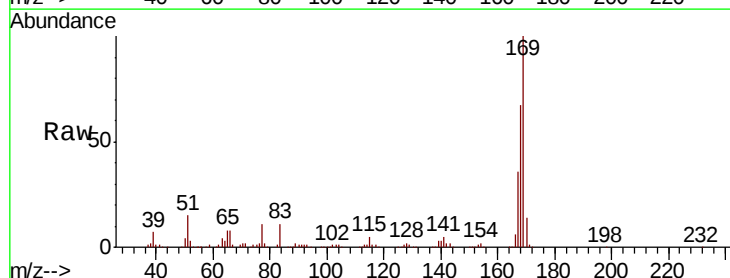


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

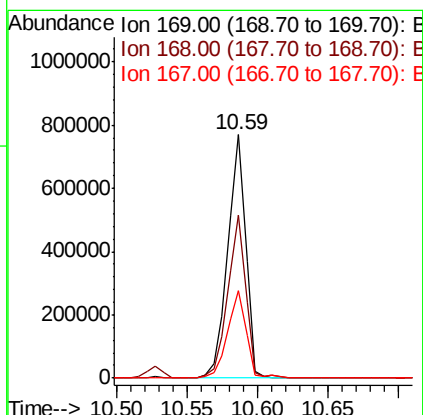
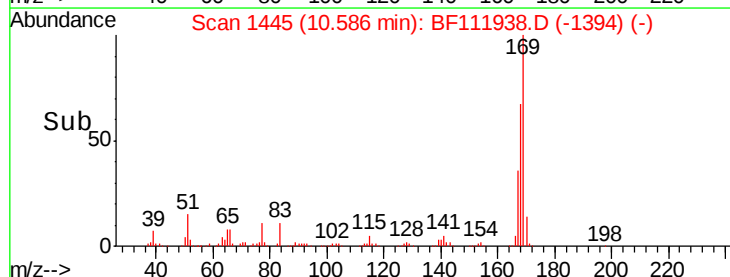


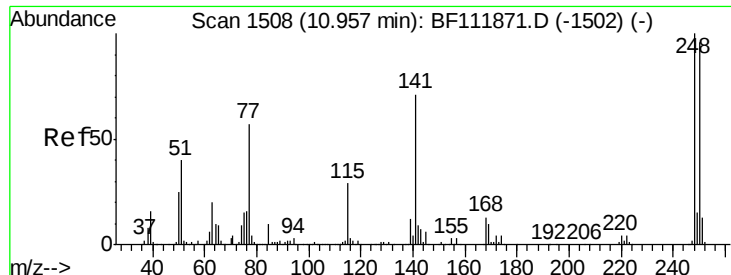
#66
n-Nitrosodiphenylamine
Concen: 39.504 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion:169 Resp: 684384
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.6
167 35.8 29.1 43.7



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

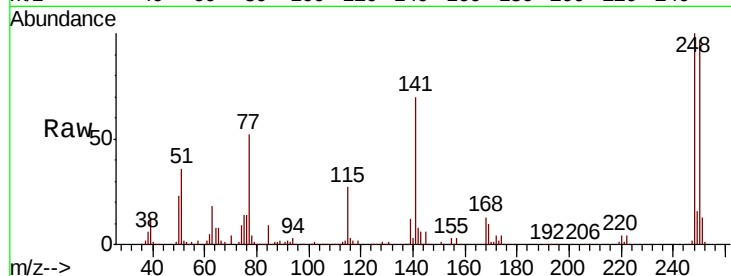




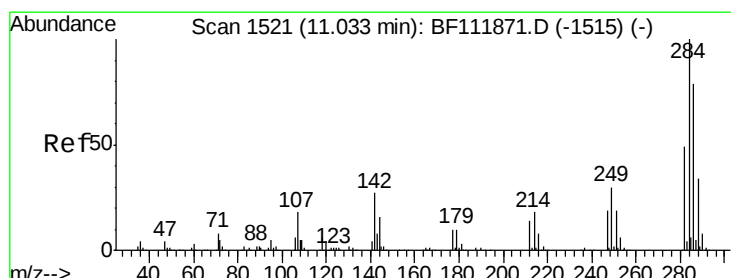
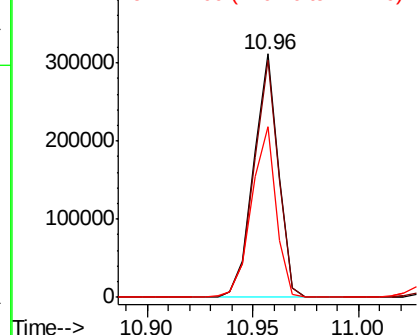
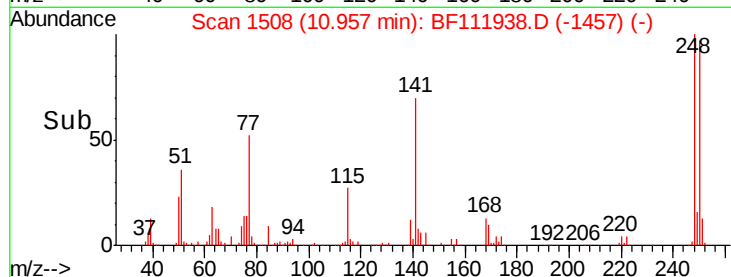
#67
4-Bromophenyl-phenylether
Concen: 37.995 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 254063
Ion Ratio Lower Upper
248 100
250 97.2 76.8 115.2
141 70.2 57.0 85.6

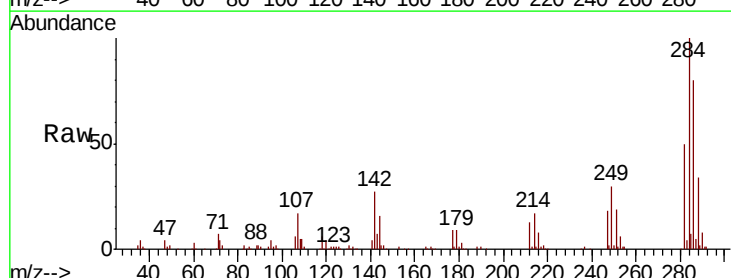


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

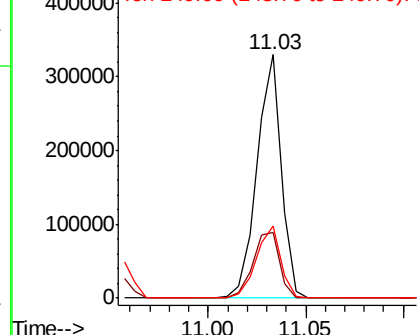
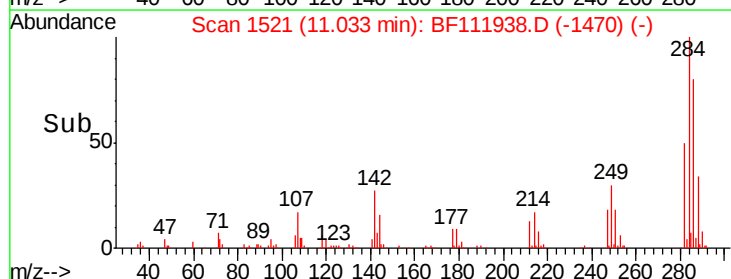


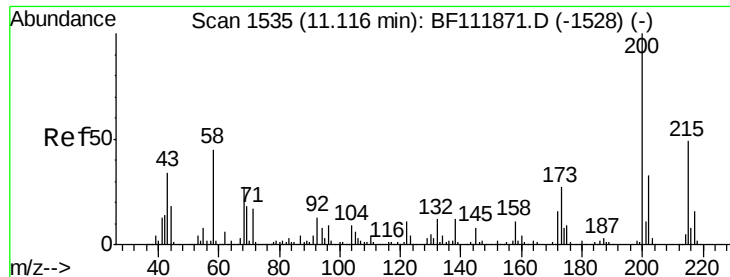
#68
Hexachlorobenzene
Concen: 38.362 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion:284 Resp: 284288
Ion Ratio Lower Upper
284 100
142 26.8 21.8 32.6
249 29.8 23.8 35.6



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

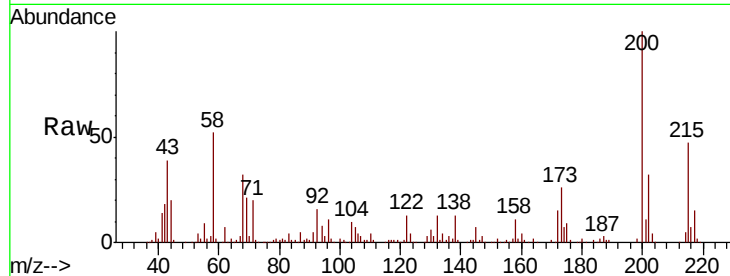




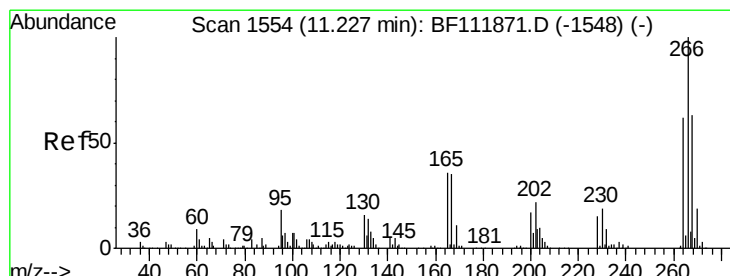
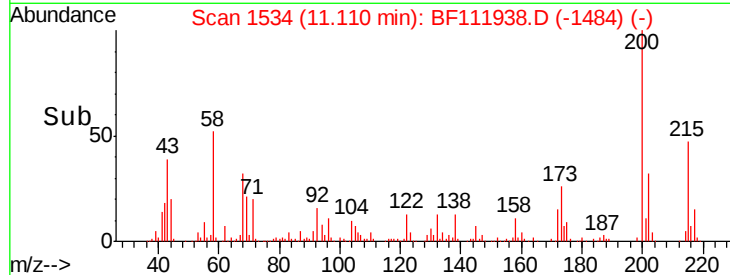
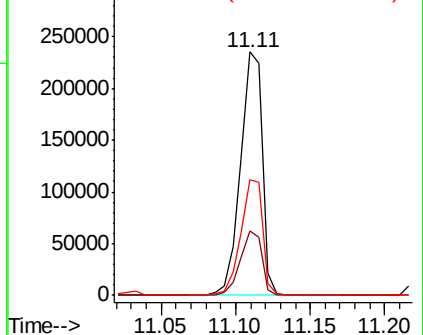
#69
 Atrazine
 Concen: 39.200 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	47.2	28.9	68.9

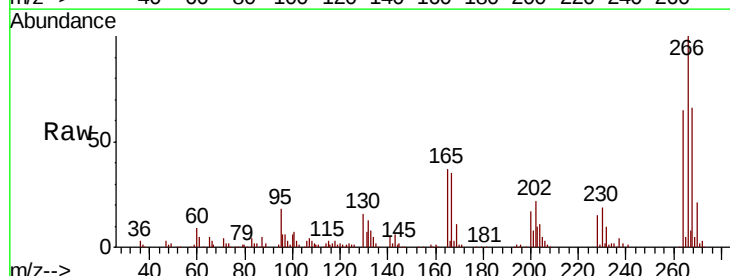


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

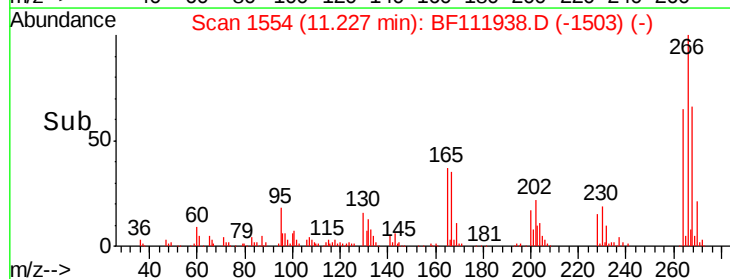
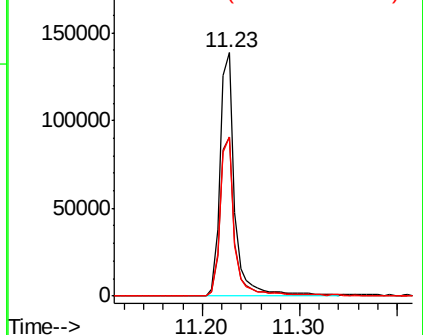


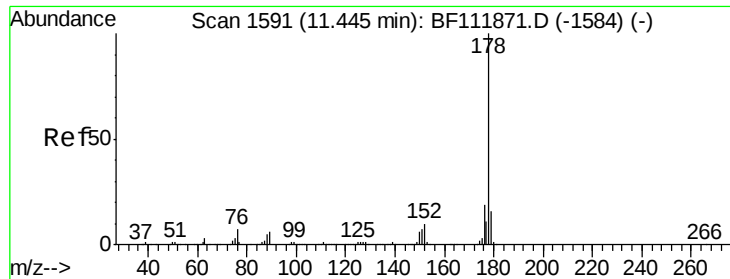
#70
 Pentachlorophenol
 Concen: 34.763 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.6	76.0
264	65.3	49.3	73.9



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: 39.194 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampleId :

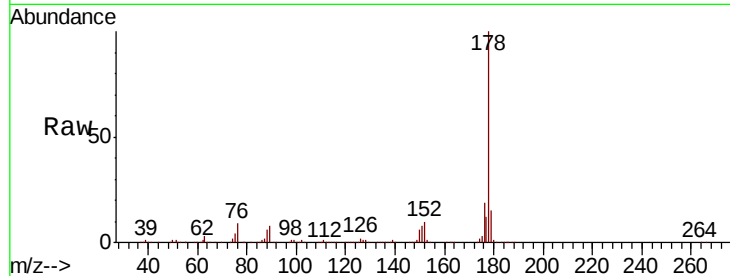
Tot Ion:178 Resp: 1081819

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

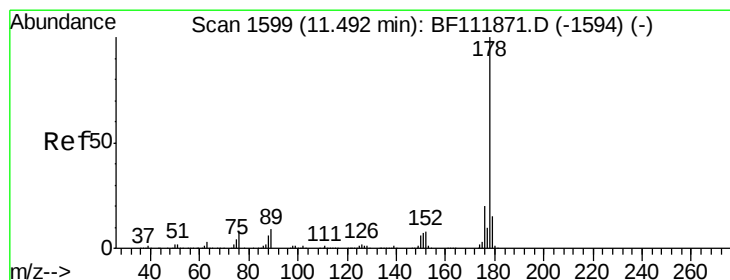
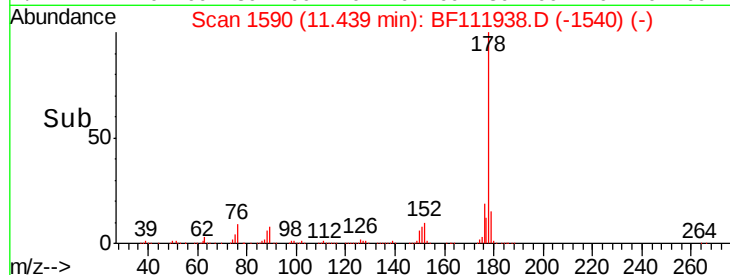
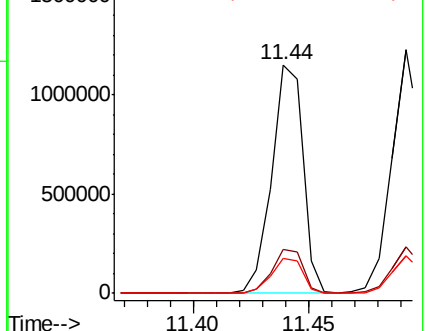
179 15.4 12.6 18.8



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



#72

Anthracene

Concen: 38.721 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

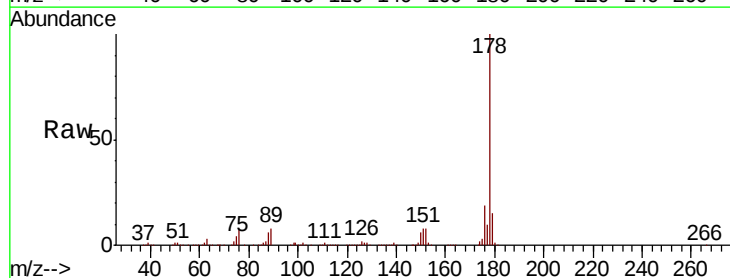
Tgt Ion:178 Resp: 1084942

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

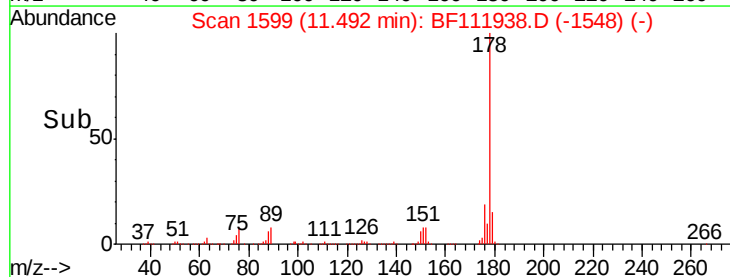
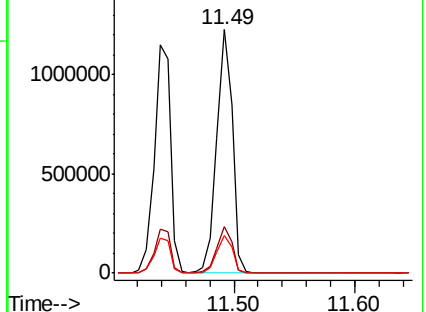
179 15.5 12.4 18.6

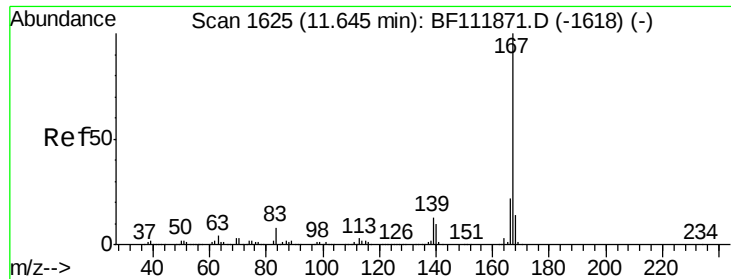


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



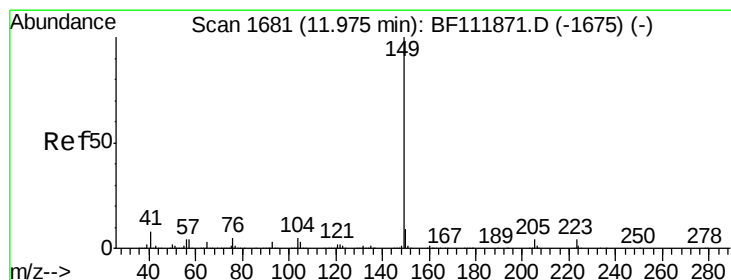
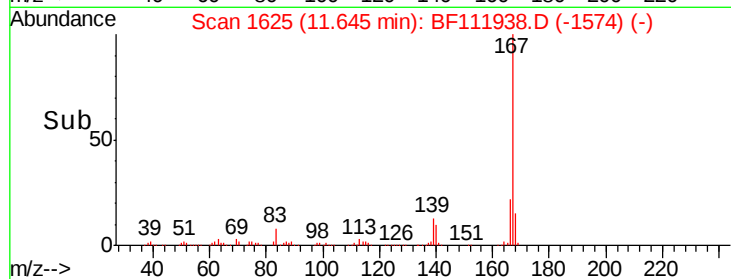
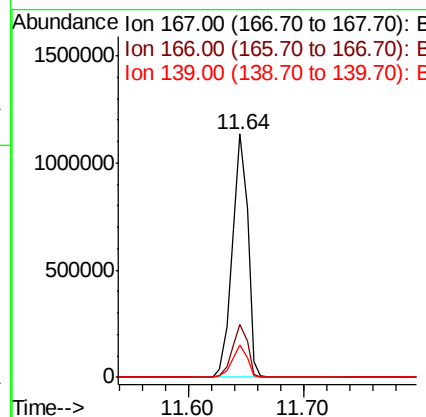
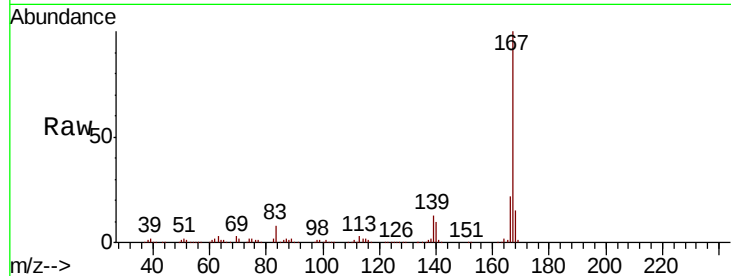


#73
 Carbazole
 Concen: 38.862 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1059196

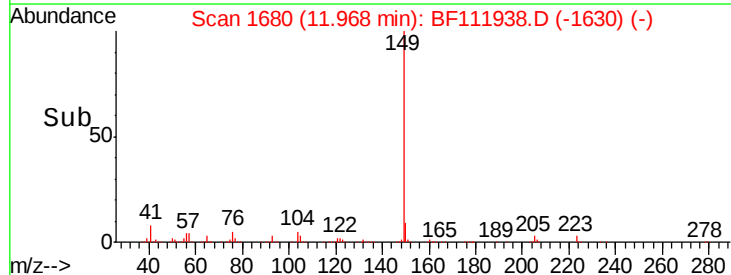
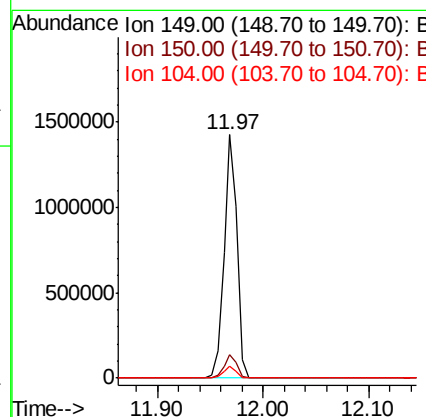
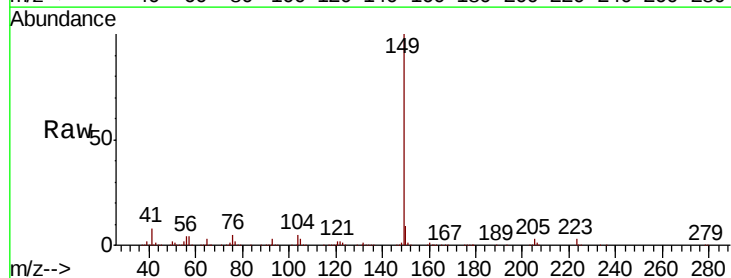
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.1	10.6	16.0

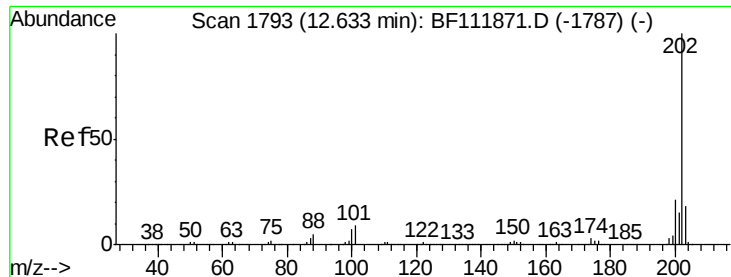


#74
 Di-n-butylphthalate
 Concen: 38.692 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Tgt Ion:149 Resp: 1224939

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.0	3.9	5.9



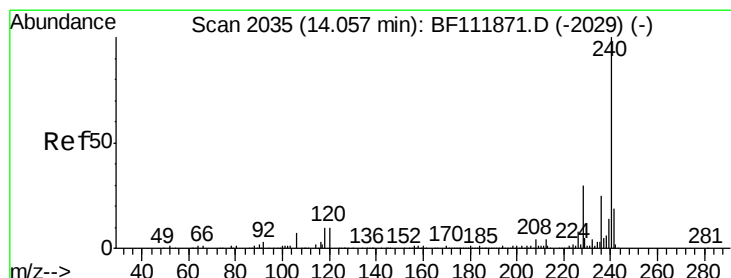
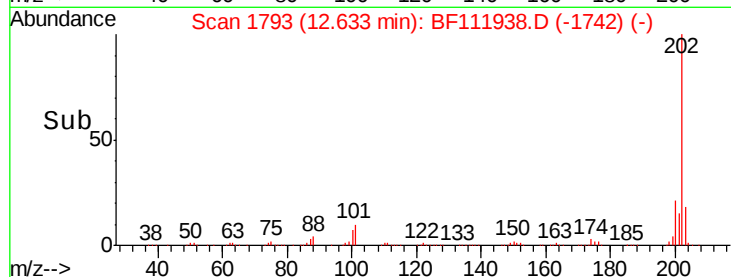
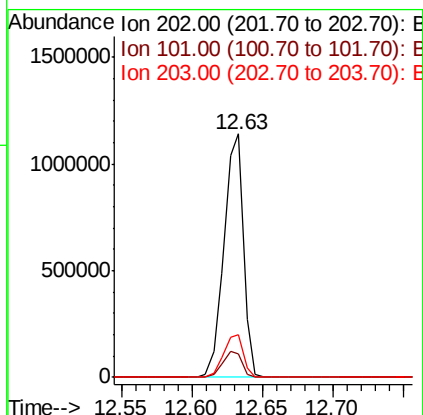
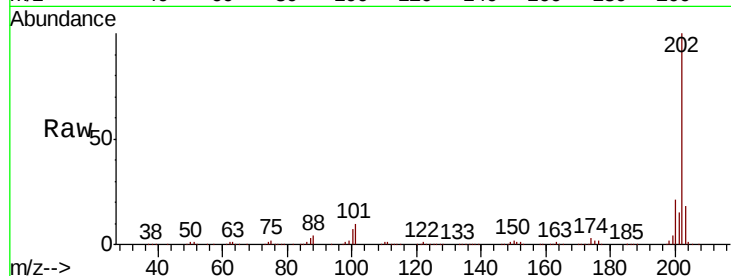


#75
 Fluoranthene
 Concen: 38.537 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1091970

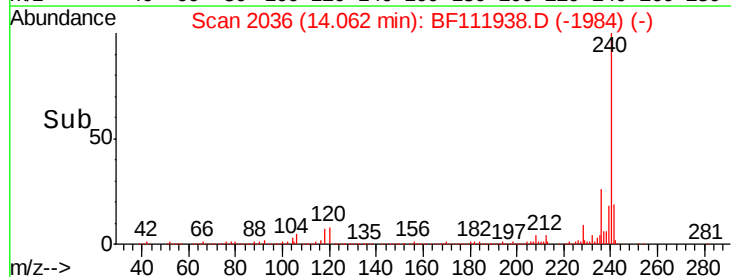
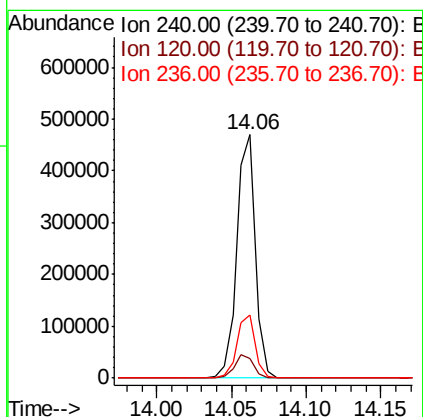
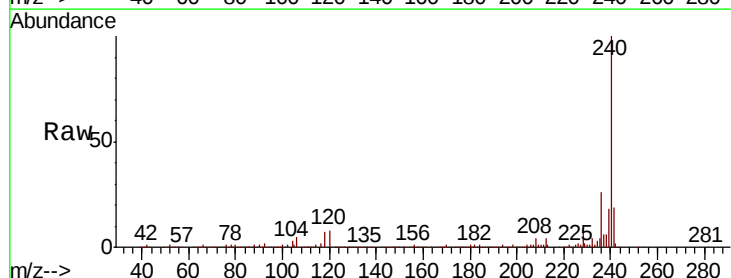
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.3
203	17.6	0.0	37.6

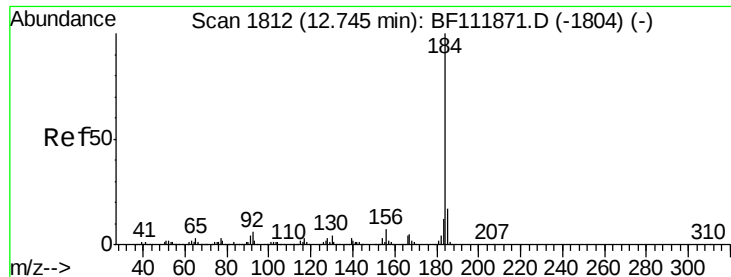


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF111938.D
 Acq: 9 Jan 2019 9:16

Tgt Ion:240 Resp: 408768

Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	25.7	20.2	30.4





#77

Benzidine

Concen: 44.499 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampleId :

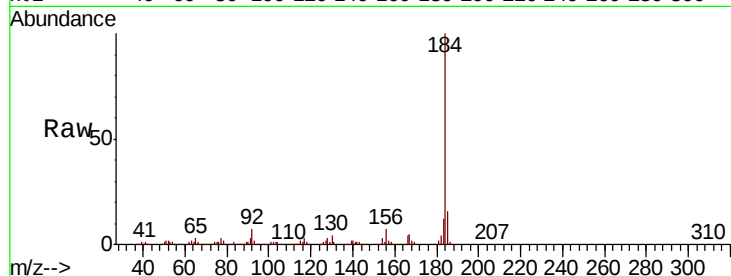
Tot Ion:184 Resp: 543521

Ion Ratio Lower Upper

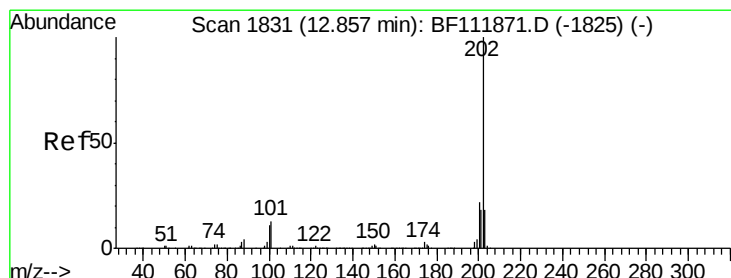
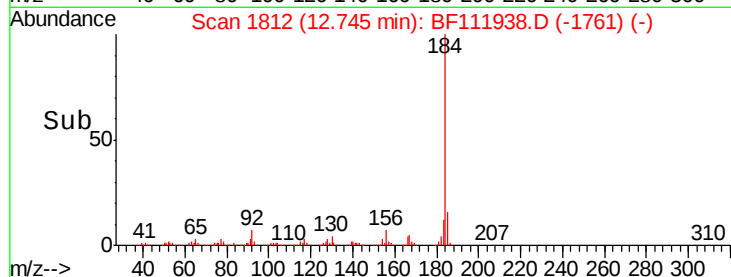
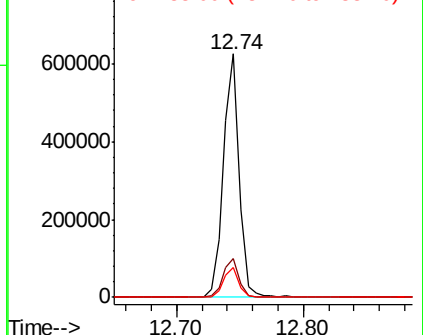
184 100

185 16.0 13.4 20.0

183 12.1 9.6 14.4



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



#78

Pyrene

Concen: 39.909 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

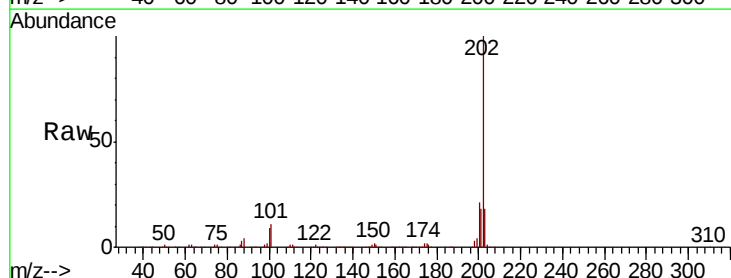
Tgt Ion:202 Resp: 1122475

Ion Ratio Lower Upper

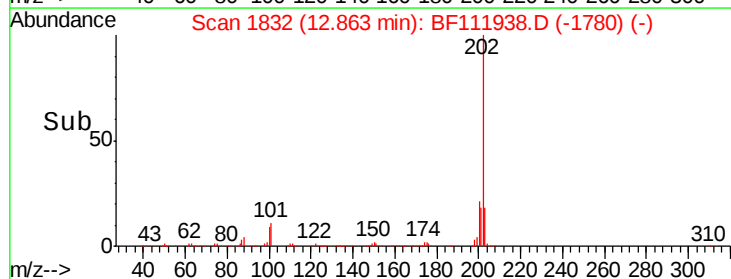
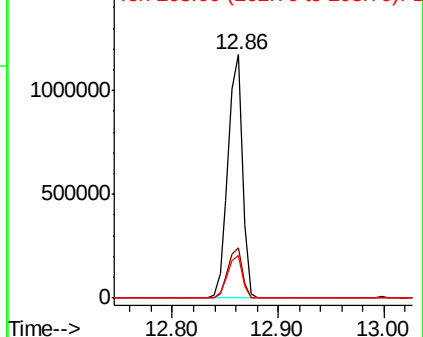
202 100

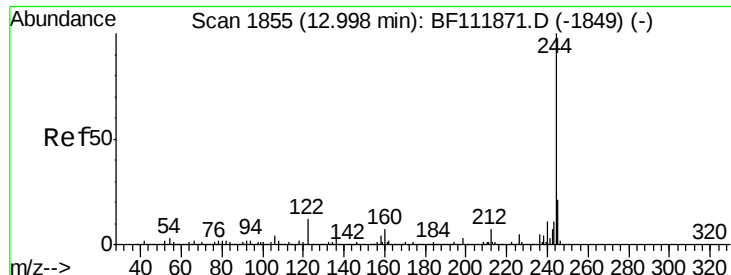
200 20.9 17.4 26.2

203 17.7 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.700 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

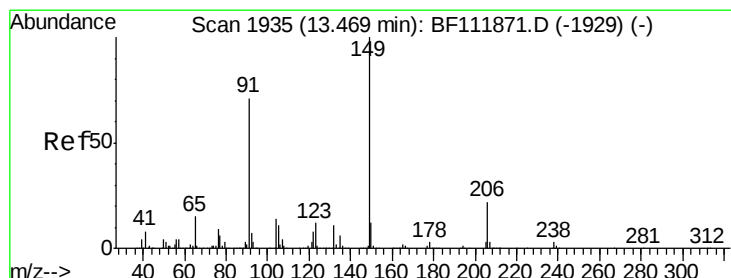
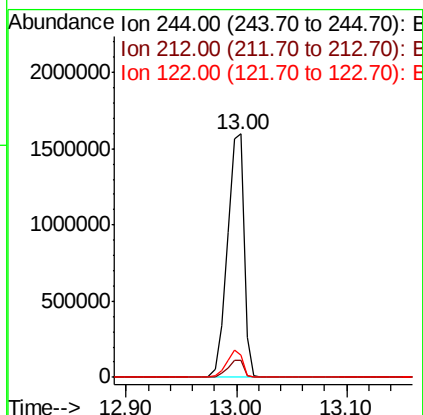
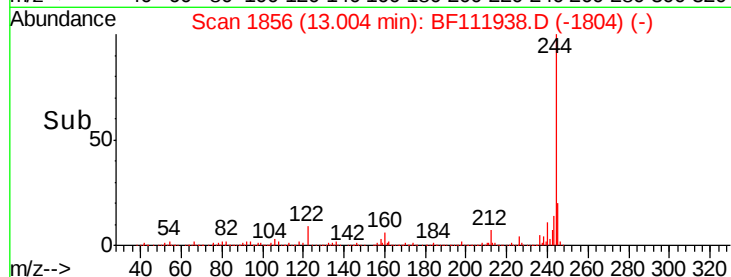
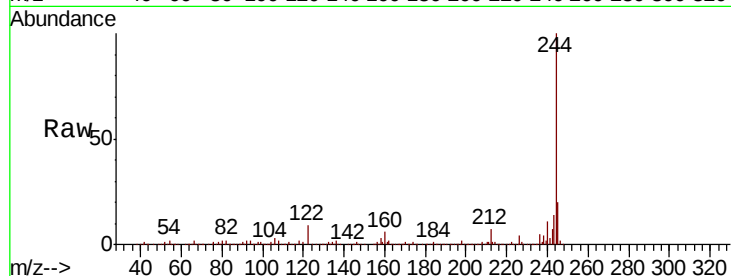
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1694749

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	9.2	9.5	14.3#



#80

Butylbenzylphthalate

Concen: 41.167 ng

RT: 13.47 min Scan# 1935

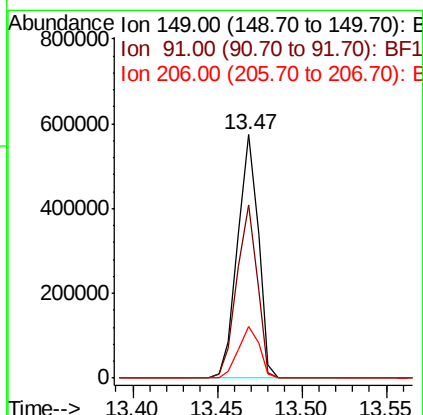
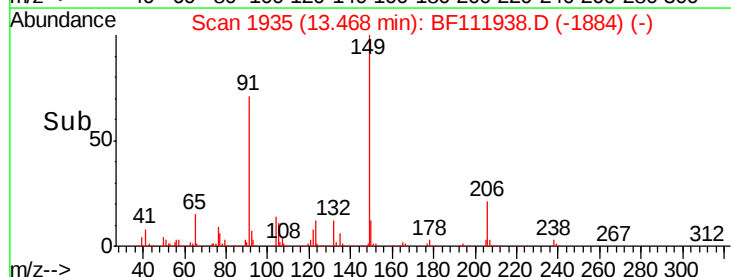
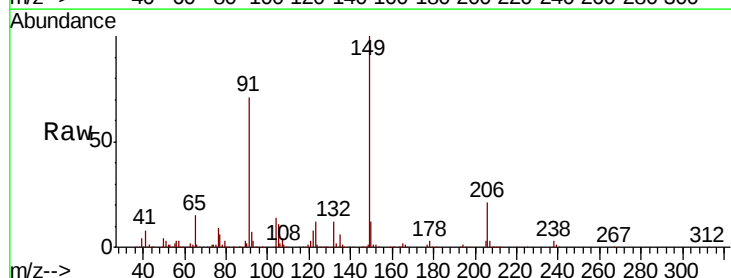
Delta R.T. -0.00 min

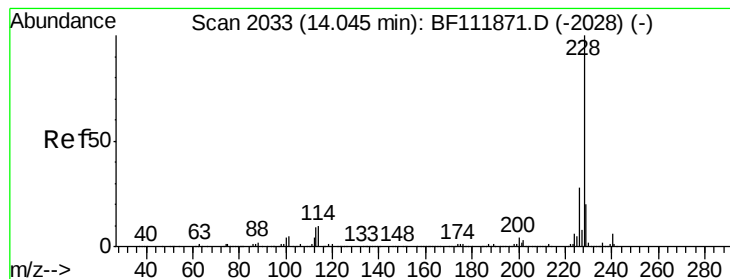
Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Tgt Ion:149 Resp: 489498

Ion	Ratio	Lower	Upper
149	100		
91	70.9	57.2	85.8
206	21.0	17.3	25.9





#81

Benzo(a)anthracene

Concen: 40.221 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampleId :

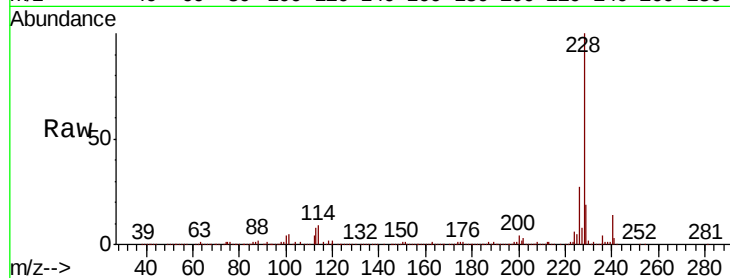
Tot Ion:228 Resp: 946214

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.2

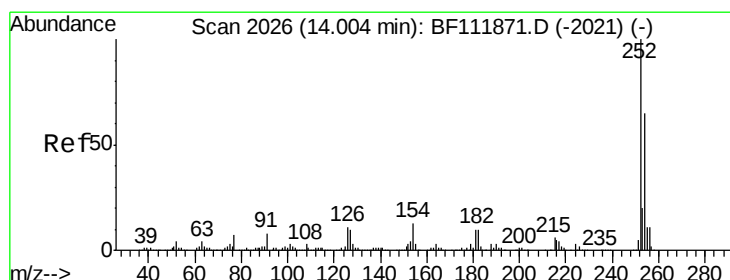
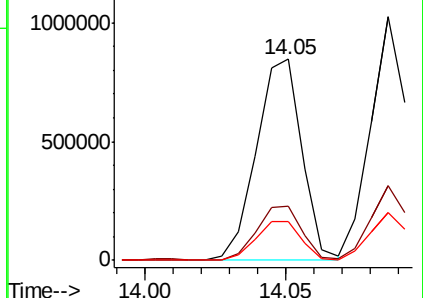
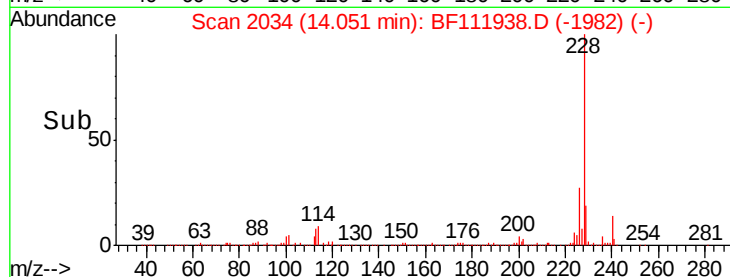
229 19.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.299 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

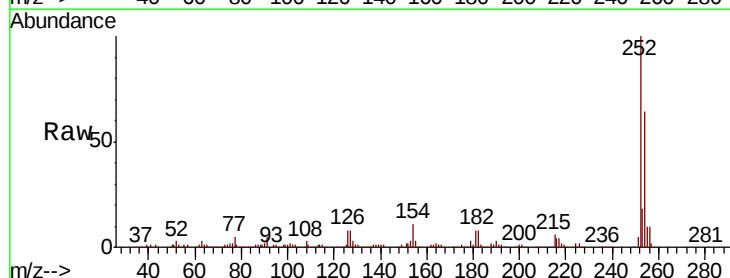
Tgt Ion:252 Resp: 358683

Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

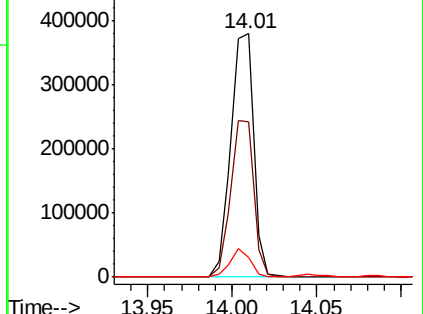
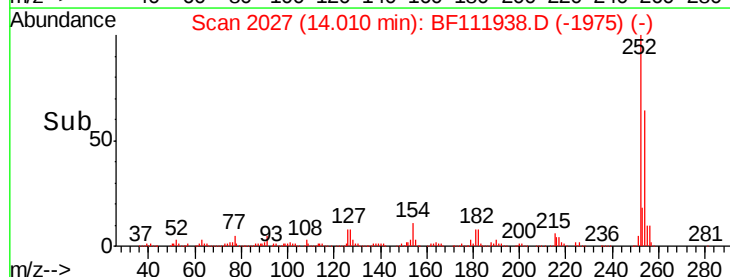
126 7.8 8.6 12.8#

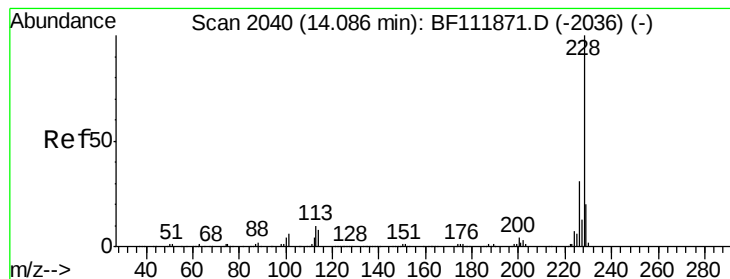


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.670 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

Instrument :

BNA_F

ClientSampleId :

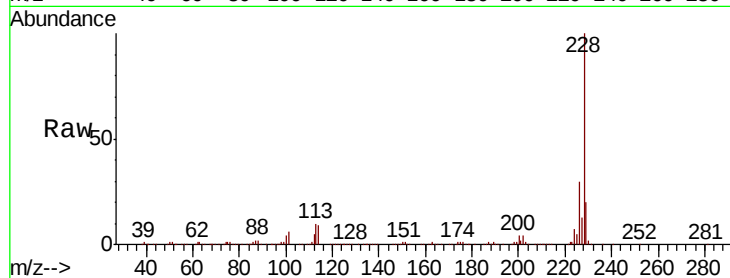
Tot Ion:228 Resp: 889829

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	19.6	15.7	23.5

228 100

226 30.4 24.6 37.0

229 19.6 15.7 23.5

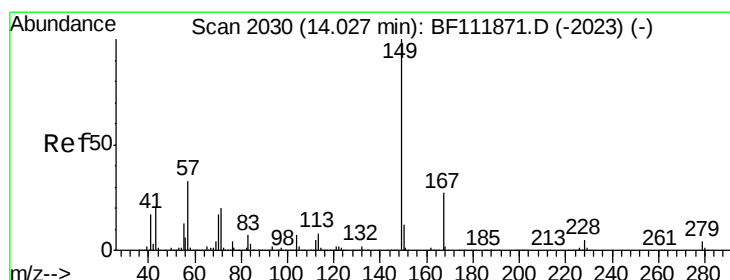
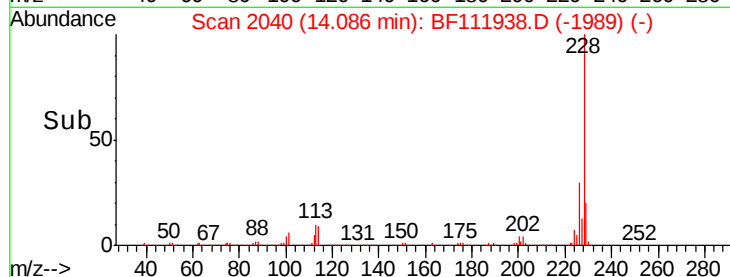
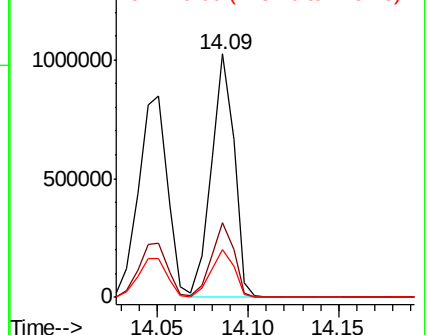


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.552 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF111938.D

Acq: 9 Jan 2019 9:16

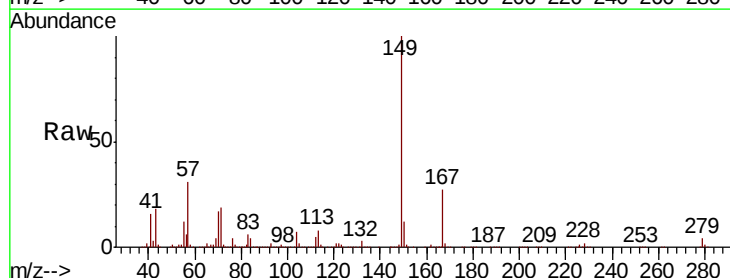
Tgt Ion:149 Resp: 648868

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.5	32.3
279	4.2	3.0	4.6

149 100

167 26.8 21.5 32.3

279 4.2 3.0 4.6

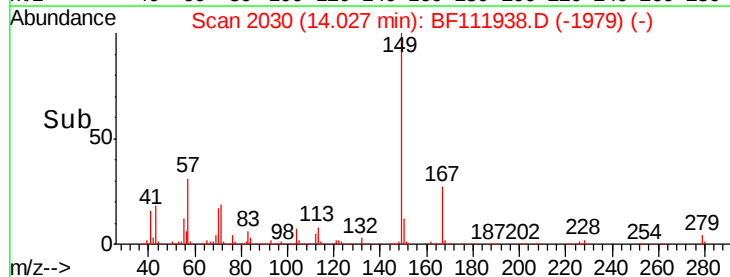
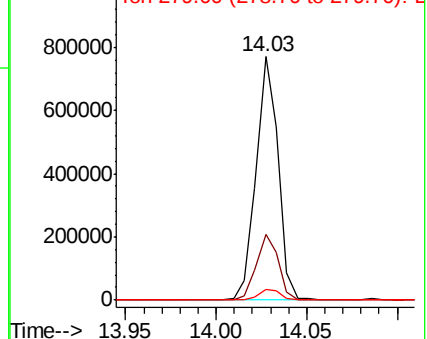


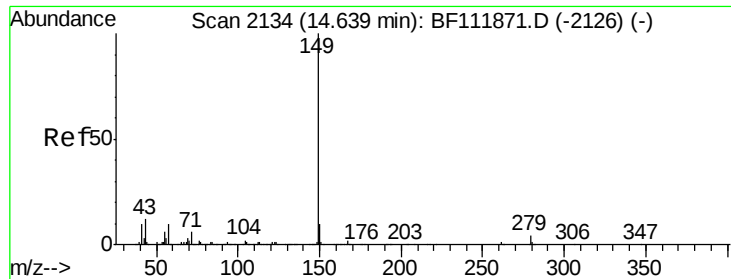
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

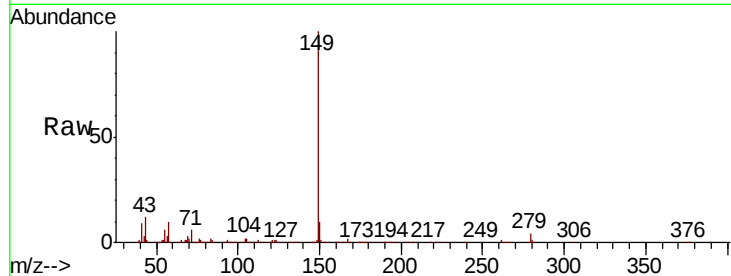




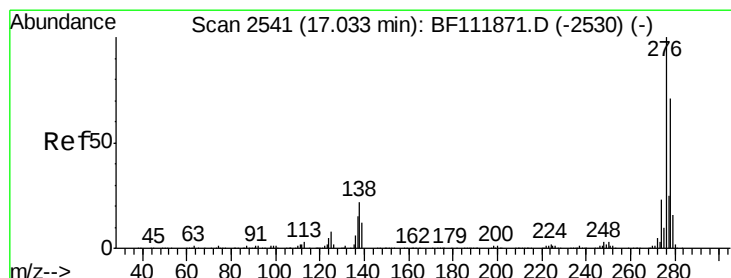
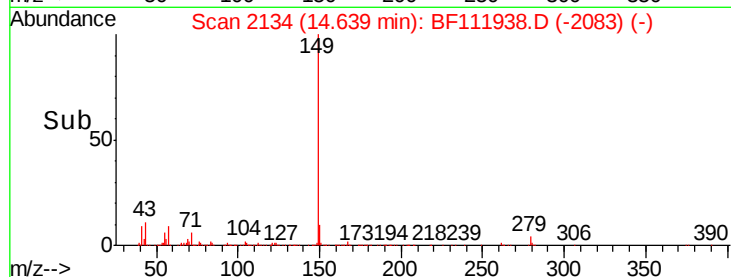
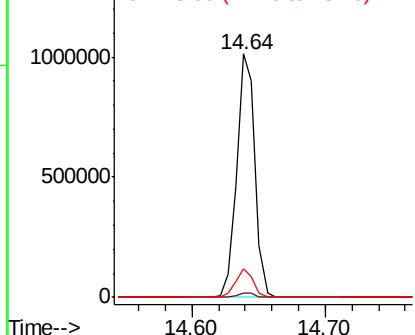
#85
Di-n-octyl phthalate
Concen: 42.867 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 957971
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.9 9.1 13.7

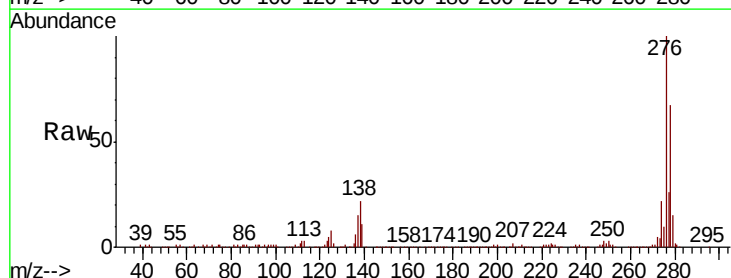


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

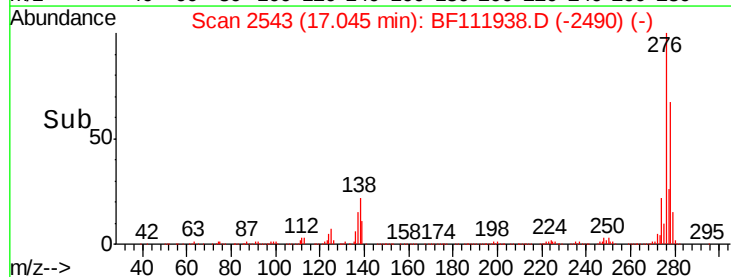
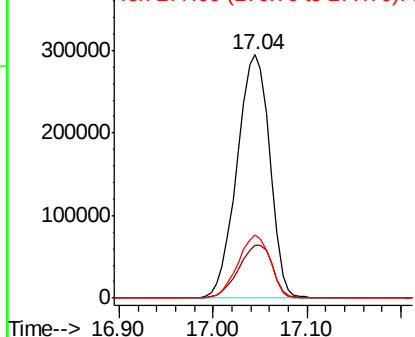


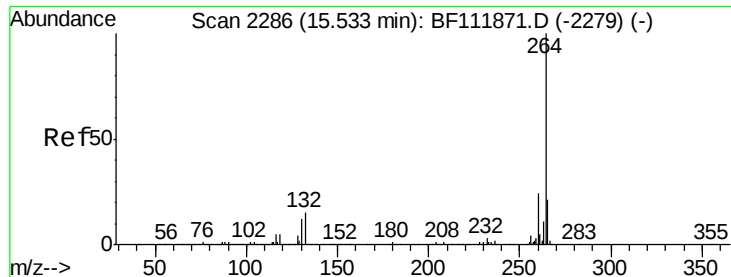
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.664 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion:276 Resp: 714030
Ion Ratio Lower Upper
276 100
138 22.5 18.1 27.1
277 25.7 19.9 29.9



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



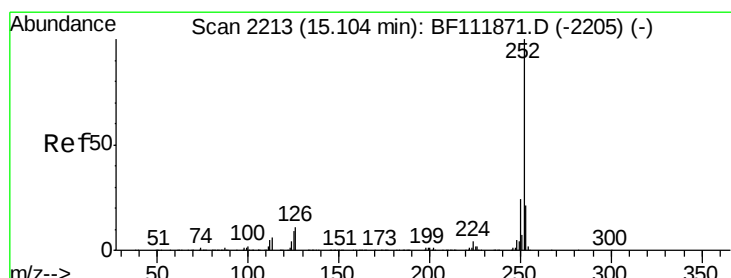
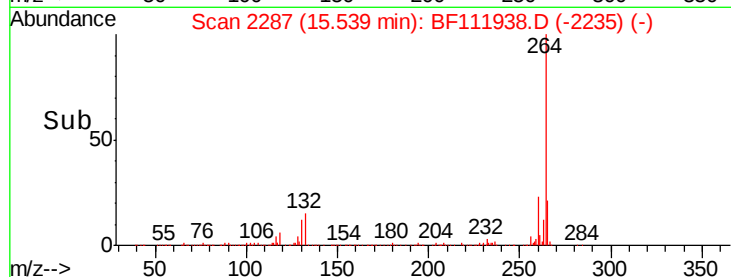
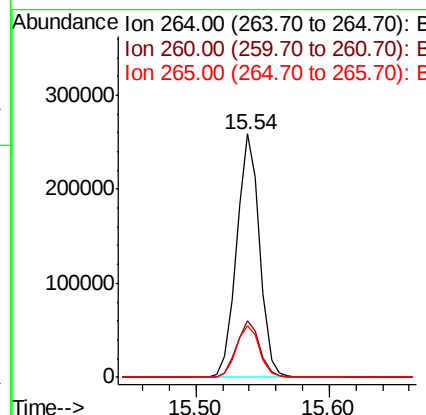
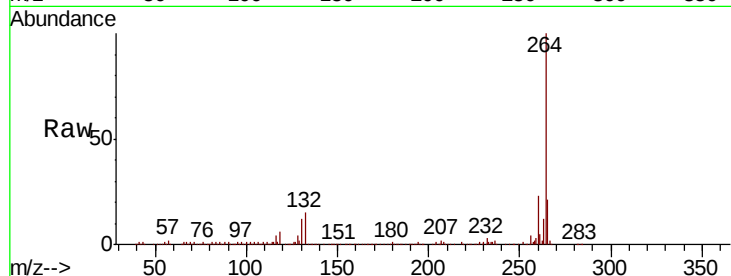


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 310205

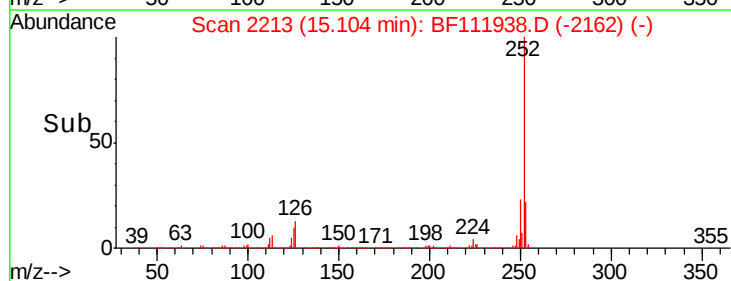
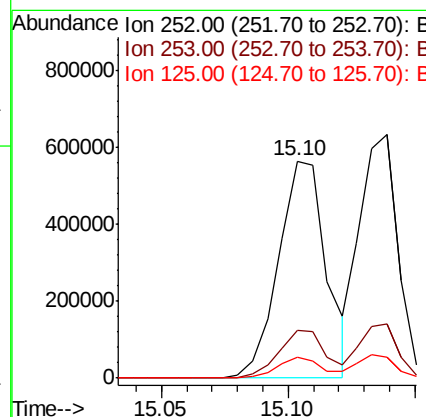
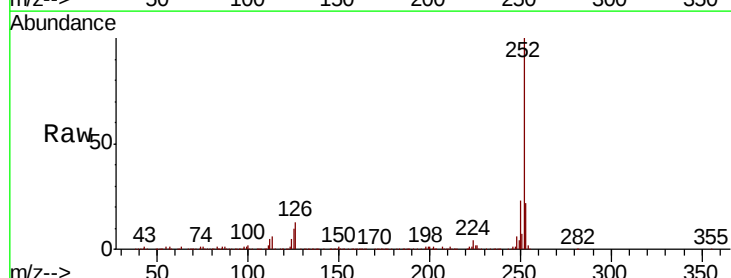
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.1	25.7

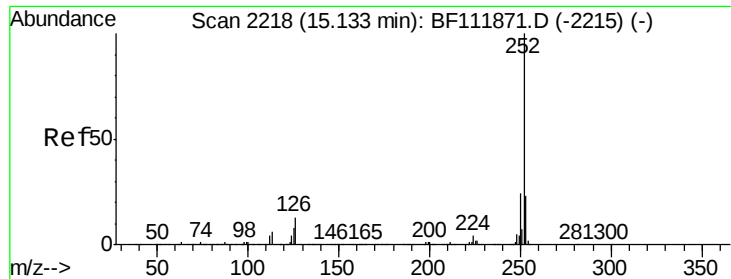


#88
Benzo(b)fluoranthene
Concen: 39.944 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion:252 Resp: 741215

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.6	7.1	10.7

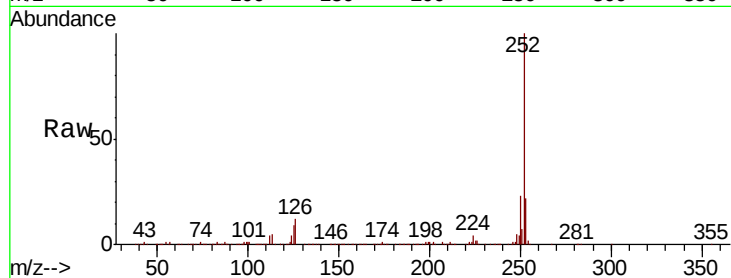




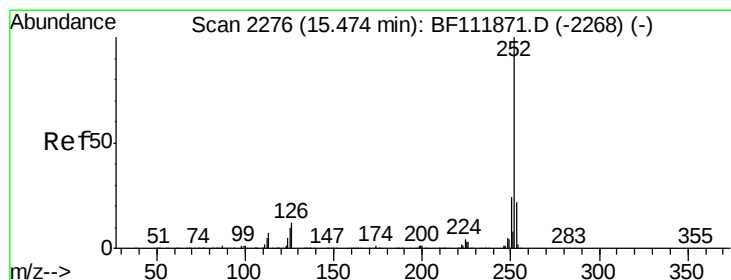
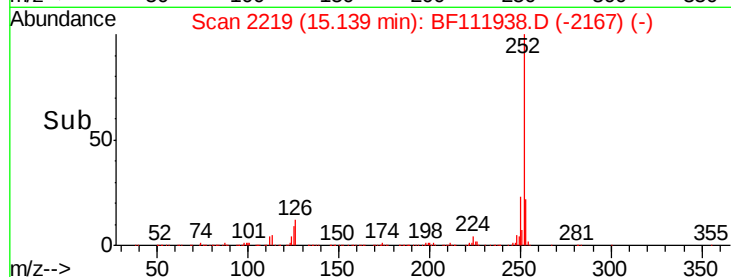
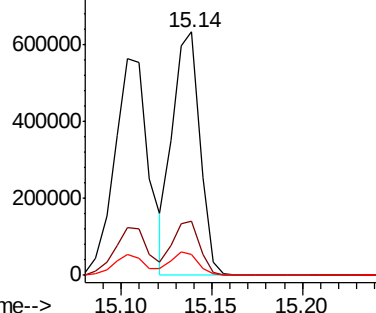
#89
Benzo(k)fluoranthene
Concen: 38.016 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 663097
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 8.7 7.0 10.4

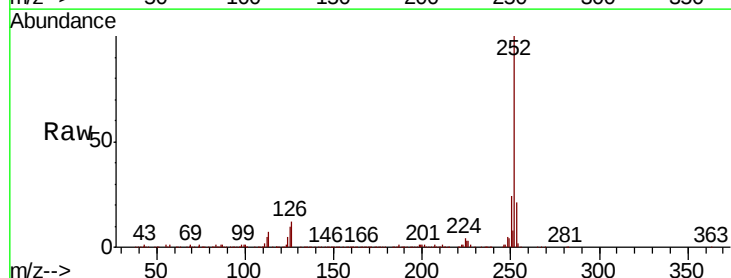


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

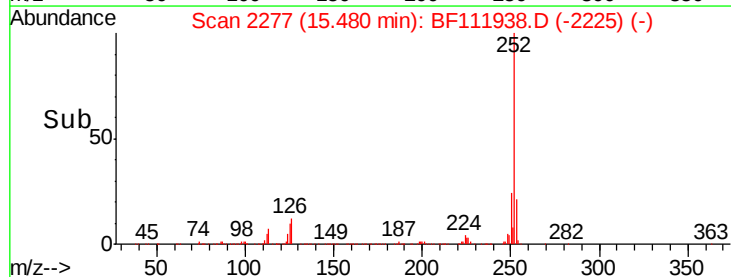
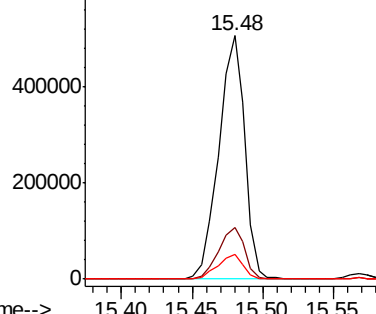


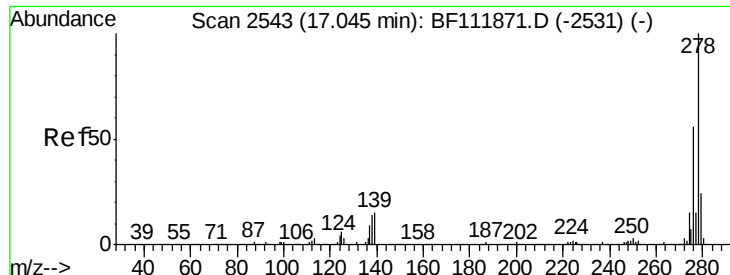
#90
Benzo(a)pyrene
Concen: 40.153 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion:252 Resp: 655137
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 10.0 7.9 11.9



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

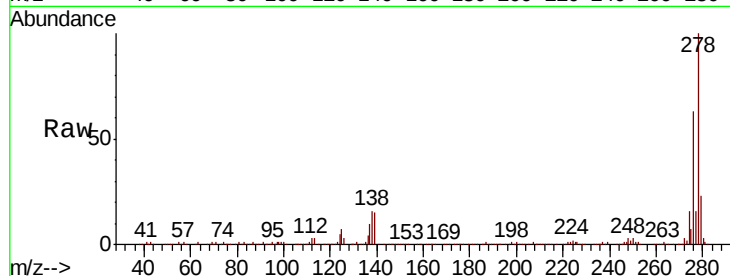




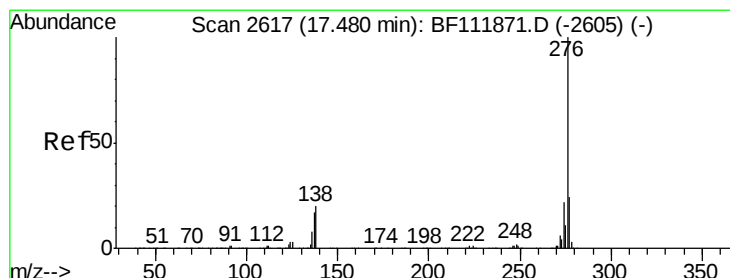
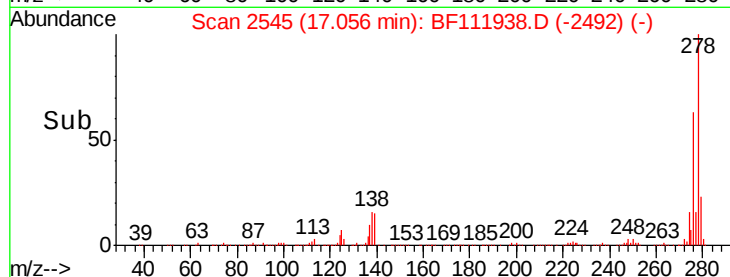
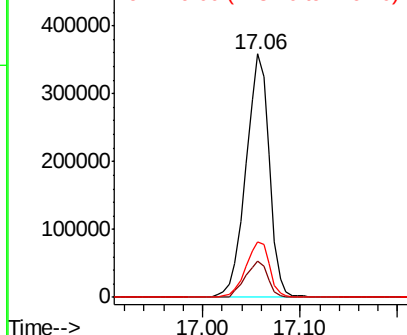
#91
Dibenzo(a,h)anthracene
Concen: 45.947 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 602954
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 22.9 19.4 29.2

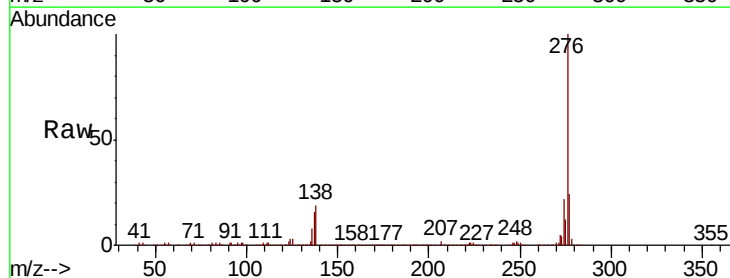


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.338 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.02 min
Lab File: BF111938.D
Acq: 9 Jan 2019 9:16

Tgt Ion:276 Resp: 620437
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 18.6 16.2 24.2



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

