

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110084.D
 Acq On : 23 Oct 2018 18:19
 Operator : JU/SJ
 Sample : J5164-01
 Misc : LOD 5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:52:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	187051	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	785721	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	387078	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	745950	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	625493	20.00	ng	-0.02
87) Perylene-d12	15.67	264	553067	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	1440408	125.40	ng	-0.01
7) Phenol-d6	6.59	99	1838052	125.11	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1097842	82.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	478517	124.80	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1957230	79.40	ng	-0.01
79) Terphenyl-d14	13.09	244	2050890	68.19	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	25318	4.207	ng	90
3) Pyridine	3.67	79	63854	4.764	ng	88
4) n-Nitrosodimethylamine	3.55	42	31405	5.592	ng	# 94
6) Aniline	6.63	93	89096	4.655	ng	# 51
8) 2-Chlorophenol	6.75	128	69142	5.221	ng	99
9) Benzaldehyde	6.52	77	45357	3.584	ng	97
10) Phenol	6.60	94	81445	5.186	ng	# 69
11) bis(2-Chloroethyl)ether	6.70	93	66136	5.119	ng	93
12) 1,3-Dichlorobenzene	6.90	146	76721	5.264	ng	97
13) 1,4-Dichlorobenzene	6.98	146	78642	5.336	ng	99
14) 1,2-Dichlorobenzene	7.13	146	72203	5.277	ng	99
15) Benzyl Alcohol	7.10	79	52990	4.689	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	111293	5.387	ng	68
17) 2-Methylphenol	7.20	107	55982	5.304	ng	# 82
18) Hexachloroethane	7.47	117	28277	5.240	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	49401	5.241	ng	92
20) 3+4-Methylphenols	7.35	107	74793	5.482	ng	# 84
22) Acetophenone	7.37	105	101275	5.594	ng	98
24) Nitrobenzene	7.55	77	75448	5.517	ng	96
25) Isophorone	7.77	82	134958	5.977	ng	99
26) 2-Nitrophenol	7.86	139	31471	4.836	ng	99
27) 2,4-Dimethylphenol	7.89	122	59498	5.514	ng	96
28) bis(2-Chloroethoxy)methane	7.99	93	85300	5.561	ng	98
29) 2,4-Dichlorophenol	8.10	162	57038	5.232	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	64408	5.275	ng	97
31) Naphthalene	8.27	128	214266	5.917	ng	98
32) Benzoic acid	7.95	122	26294	3.153	ng	95
33) 4-Chloroaniline	8.32	127	70228	4.309	ng	96
34) Hexachlorobutadiene	8.38	225	34985	5.160	ng	98
35) Caprolactam	8.65	113	18582	4.891	ng	# 88
36) 4-Chloro-3-methylphenol	8.78	107	62521	5.304	ng	99
37) 2-Methylnaphthalene	8.96	142	145487	6.072	ng	97
38) 1-Methylnaphthalene	9.06	142	137804	5.952	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	61702	5.116	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110084.D
 Acq On : 23 Oct 2018 18:19
 Operator : JU/SJ
 Sample : J5164-01
 Misc : LOD 5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:52:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

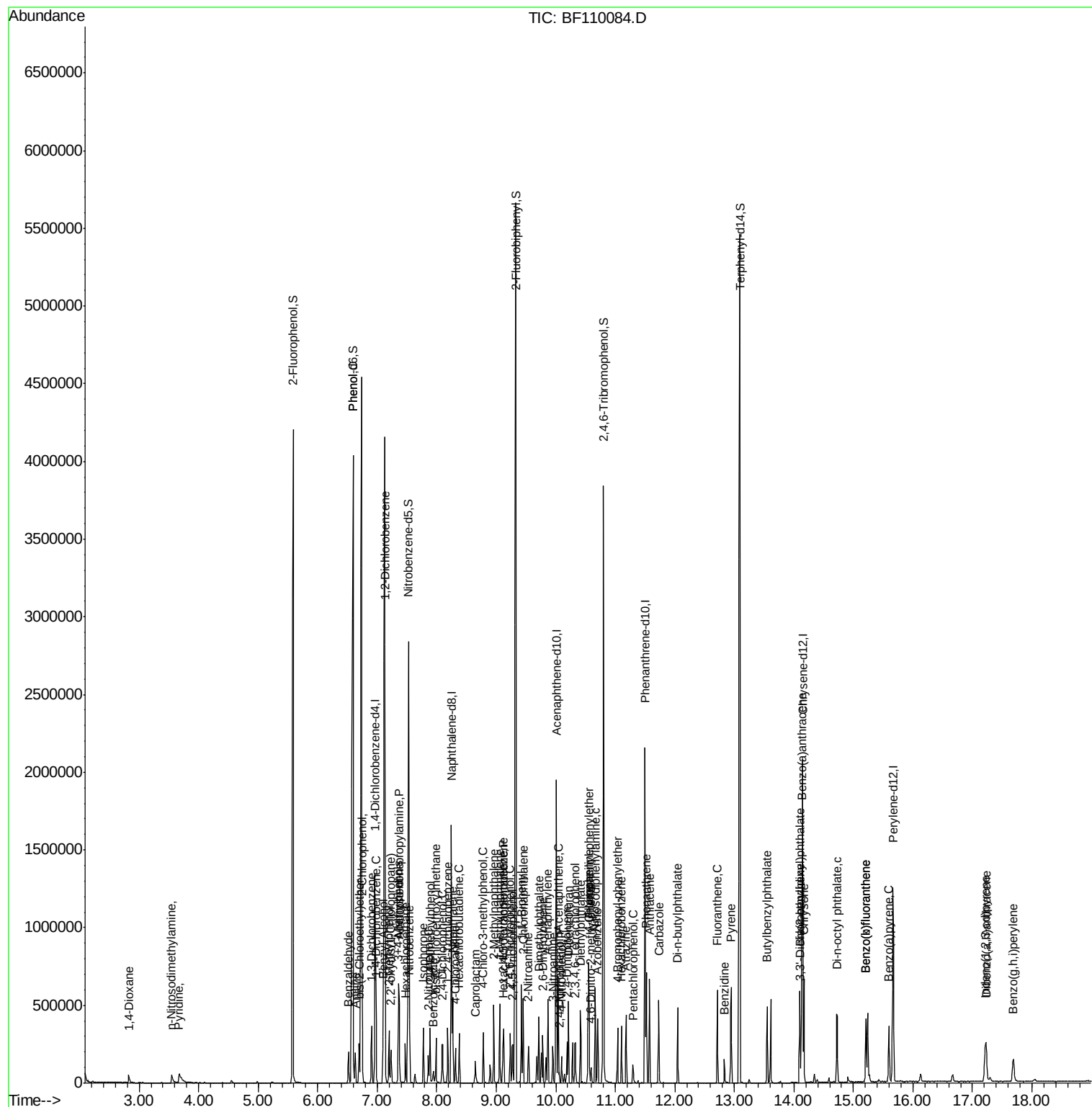
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	28888	4.684	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	38194	4.910	nq	94
44) 2,4,5-Trichlorophenol	9.27	196	42707	5.194	nq	93
46) 1,1'-Biphenyl	9.42	154	184915	5.283	nq	98
47) 2-Chloronaphthalene	9.45	162	138883	5.409	nq	98
48) 2-Nitroaniline	9.54	65	39915	5.130	nq	95
49) Acenaphthylene	9.87	152	215216	5.803	nq	99
50) Dimethylphthalate	9.72	163	161174	5.641	nq	98
51) 2,6-Dinitrotoluene	9.78	165	33526	5.447	nq	89
52) Acenaphthene	10.04	154	140080	5.710	nq	97
53) 3-Nitroaniline	9.95	138	31715	4.333	nq	93
54) 2,4-Dinitrophenol	10.06	184	7390	8.005	nq	91
55) Dibenzofuran	10.21	168	190276	5.539	nq	97
56) 4-Nitrophenol	10.10	139	27300	5.040	nq	96
57) 2,4-Dinitrotoluene	10.19	165	42081	5.383	nq	# 83
58) Fluorene	10.56	166	156610	6.126	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	34799	5.192	nq	93
60) Diethylphthalate	10.42	149	152795	5.478	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	72188	5.353	nq	97
62) 4-Nitroaniline	10.56	138	36421	5.003	nq	86
63) Azobenzene	10.70	77	152837	5.520	nq	98
65) 4,6-Dinitro-2-methylphenol	10.59	198	12065	3.540	nq	86
66) n-Nitrosodiphenylamine	10.66	169	135299	5.530	nq	97
67) 4-Bromophenyl-phenylether	11.04	248	42713	5.279	nq	99
68) Hexachlorobenzene	11.10	284	45404	5.289	nq	98
69) Atrazine	11.18	200	42819	5.538	nq	99
70) Pentachlorophenol	11.30	266	16141	3.224	nq	90
71) Phenanthrene	11.52	178	234371	6.005	nq	99
72) Anthracene	11.57	178	241424	6.171	nq	98
73) Carbazole	11.73	167	208663	5.462	nq	99
74) Di-n-butylphthalate	12.05	149	243928	5.654	nq	99
75) Fluoranthene	12.72	202	240298	6.066	nq	99
77) Benzidine	12.83	184	55694	2.142	nq	96
78) Pyrene	12.94	202	237938	5.306	nq	98
80) Butylbenzylphthalate	13.55	149	95721	4.918	nq	98
81) Benzo(a)anthracene	14.13	228	210507	5.675	nq	98
82) 3,3'-Dichlorobenzidine	14.09	252	53894	4.173	nq	98
83) Chrysene	14.17	228	203973	5.790	nq	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	140788	5.351	nq	96
85) Di-n-octyl phthalate	14.73	149	222748	5.445	nq	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	161941	5.541	nq	# 95
88) Benzo(b)fluoranthene	15.21	252	178201	5.580	nq	99
89) Benzo(k)fluoranthene	15.21	252	178201	5.676	nq	99
90) Benzo(a)pyrene	15.60	252	172218	5.860	nq	98
91) Dibenzo(a,h)anthracene	17.23	278	135177	5.331	nq	97
92) Benzo(g,h,i)perylene	17.69	276	128231	5.132	nq	# 94

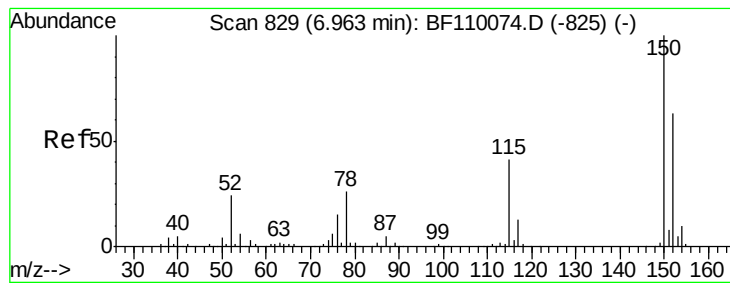
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
Data File : BF110084.D
Acq On : 23 Oct 2018 18:19
Operator : JU/SJ
Sample : J5164-01
Misc : LOD 5PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Oct 24 02:52:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampled :

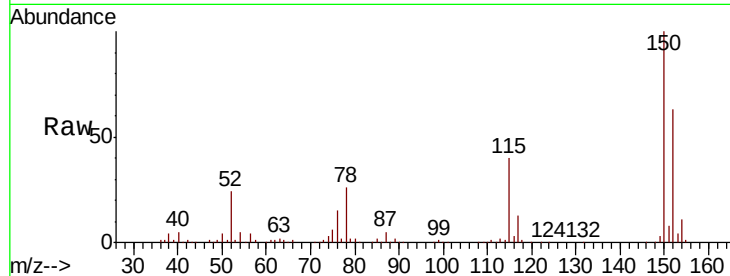
Tot Ion:152 Resp: 187051

Ion Ratio Lower Upper

152 100

150 157.9 122.7 184.1

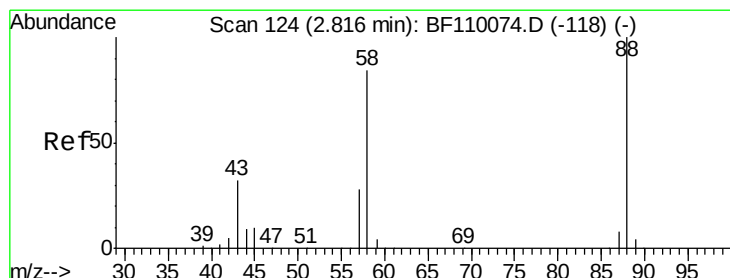
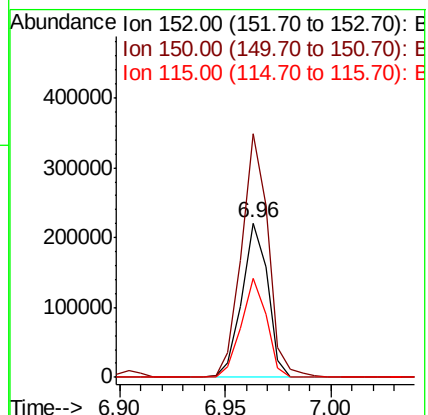
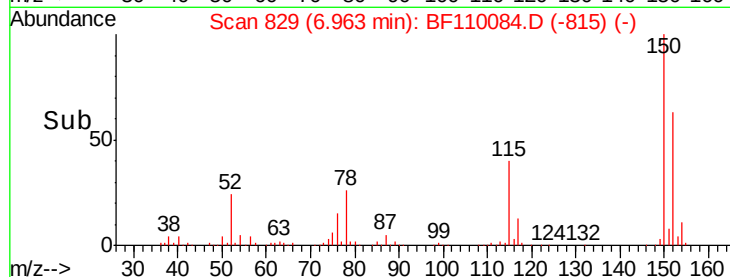
115 63.9 49.1 73.7



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: 4.207 ng

RT: 2.83 min Scan# 126

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

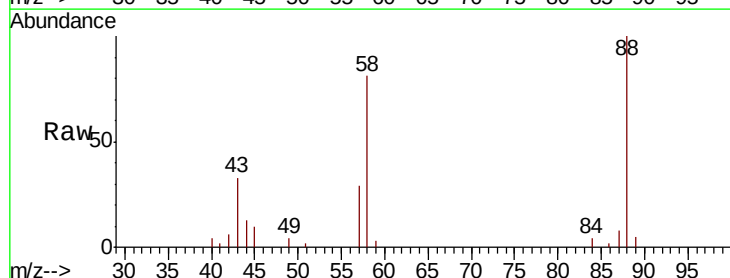
Tgt Ion: 88 Resp: 25318

Ion Ratio Lower Upper

88 100

58 81.5 57.1 85.7

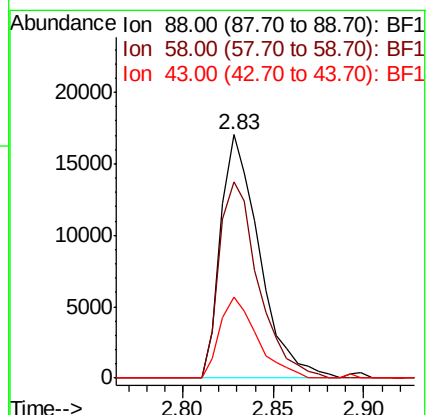
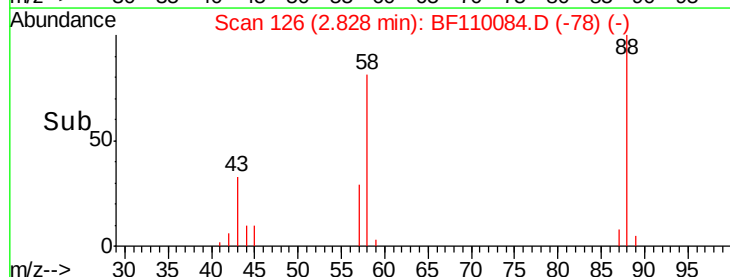
43 32.1 24.1 36.1

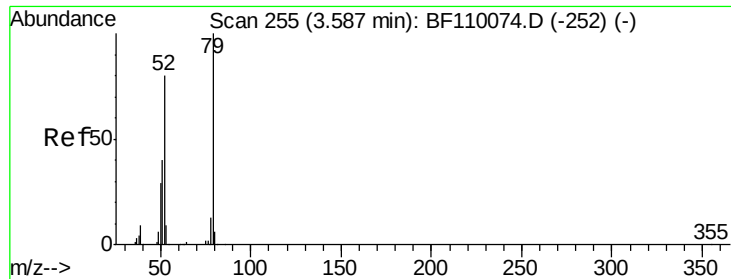


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

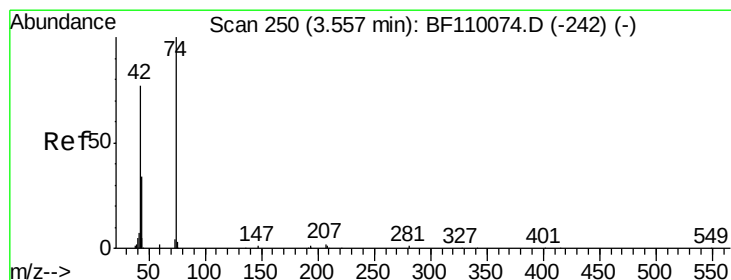
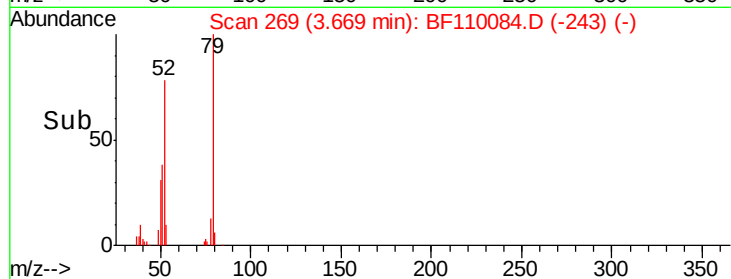
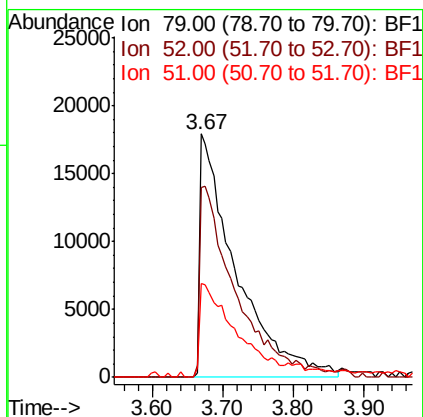
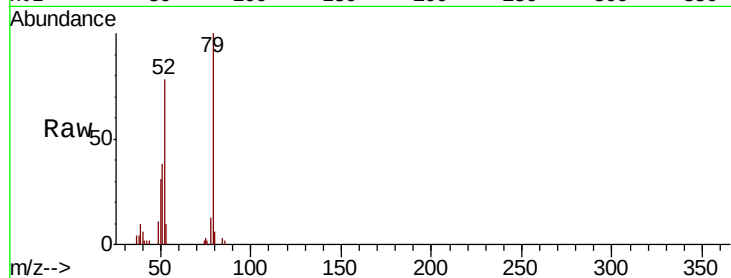




#3
 Pvridine
 Concen: 4.764 ng
 RT: 3.67 min Scan# 269
 Delta R.T. 0.05 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

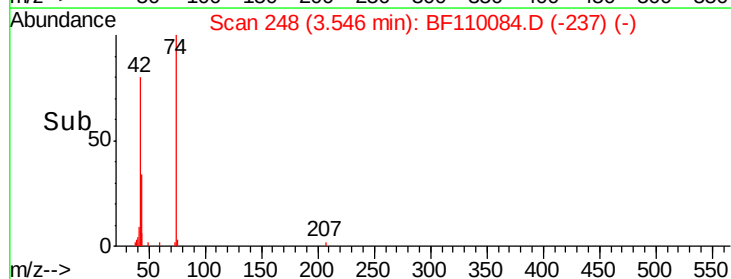
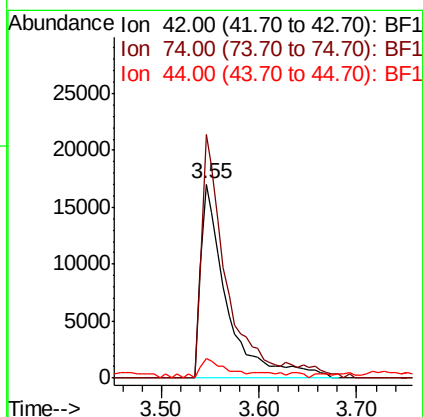
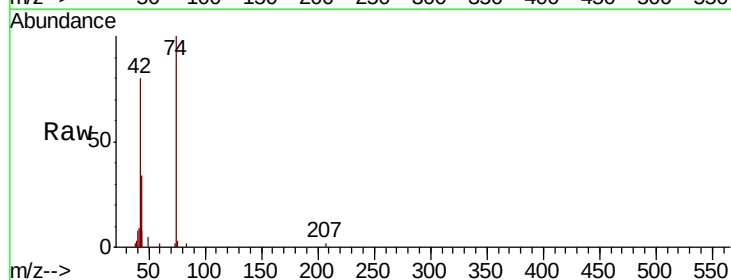
Instrument :
 BNA_F
 ClientSampled :

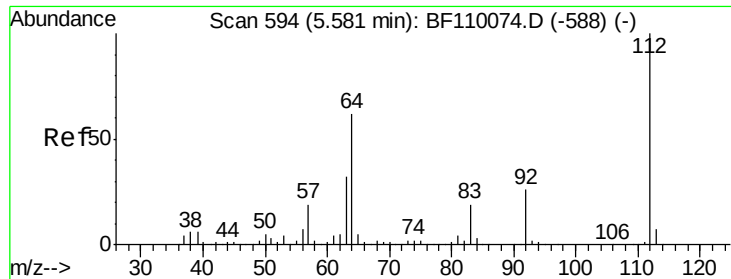
Tot Ion: 79 Resp: 63854
 Ion Ratio Lower Upper
 79 100
 52 77.9 53.1 79.7
 51 38.5 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 5.592 ng
 RT: 3.55 min Scan# 248
 Delta R.T. -0.04 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Tgt Ion: 42 Resp: 31405
 Ion Ratio Lower Upper
 42 100
 74 125.6 105.5 158.3
 44 10.2 4.9 7.3#





#5

2-Fluorophenol

Concen: 125.401 ng

RT: 5.59 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampled :

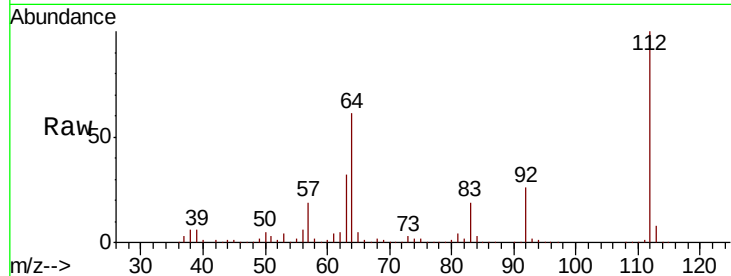
Tot Ion:112 Resp: 1440408

Ion Ratio Lower Upper

112 100

64 61.1 44.1 66.1

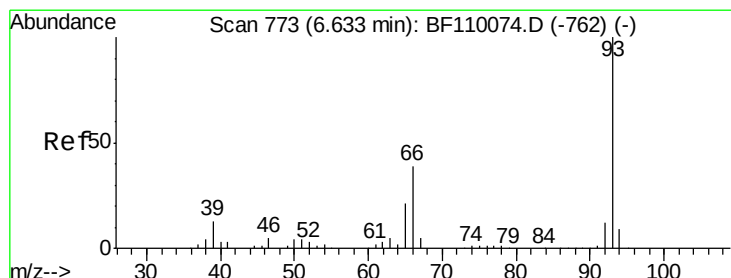
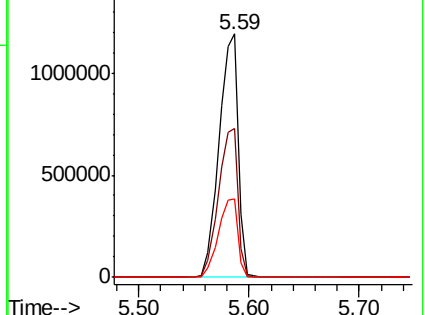
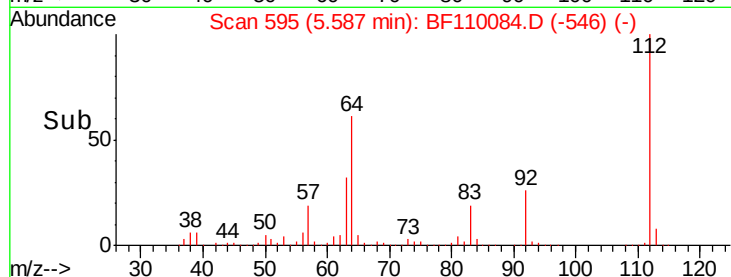
63 32.0 23.7 35.5



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: 4.655 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

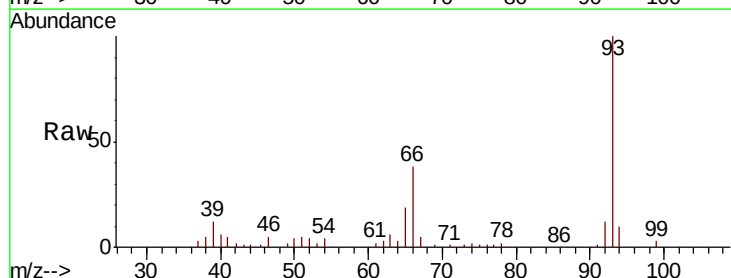
Tgt Ion: 93 Resp: 89096

Ion Ratio Lower Upper

93 100

66 38.1 67.4 101.0#

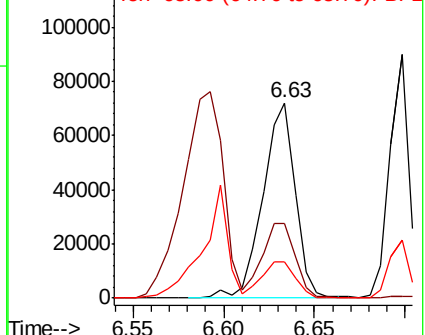
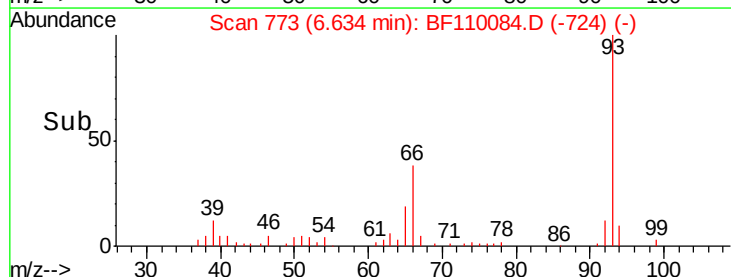
65 18.7 41.0 61.4#

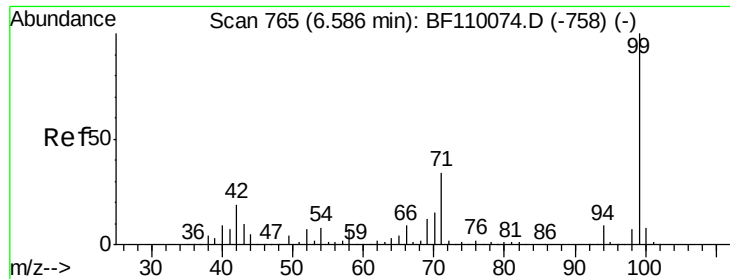


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.105 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

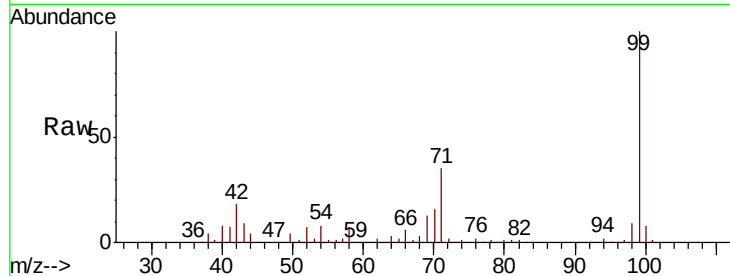
Tot Ion: 99 Resp: 1838052

Ion Ratio Lower Upper

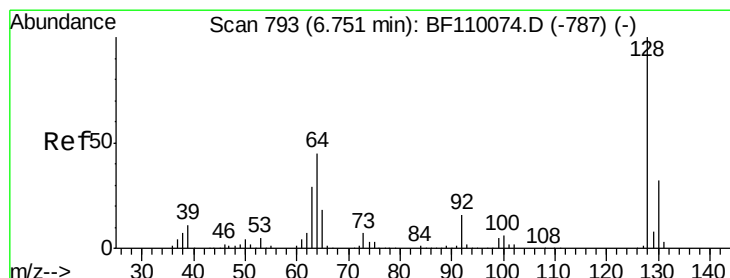
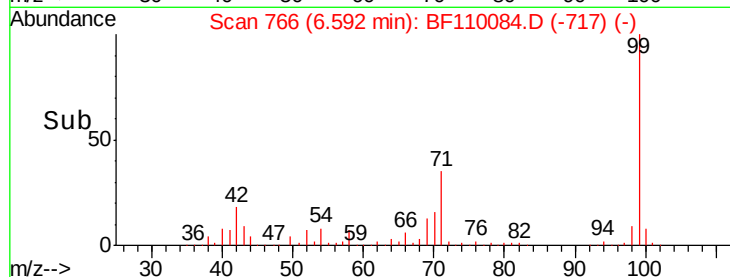
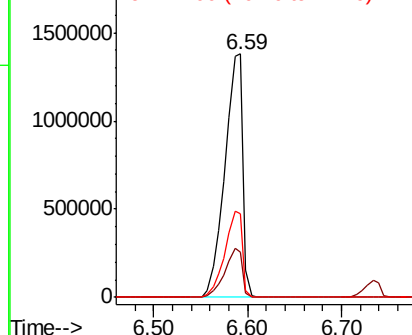
99 100

42 18.4 15.8 23.6

71 34.5 28.0 42.0



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: 5.221 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

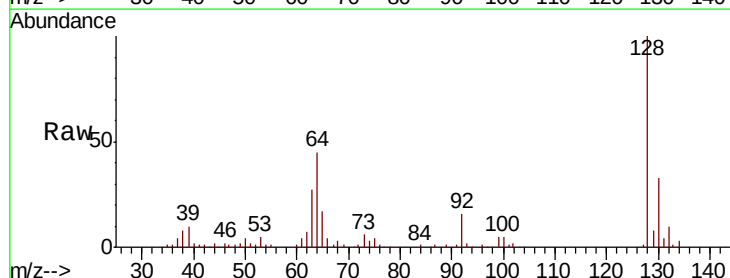
Tgt Ion: 128 Resp: 69142

Ion Ratio Lower Upper

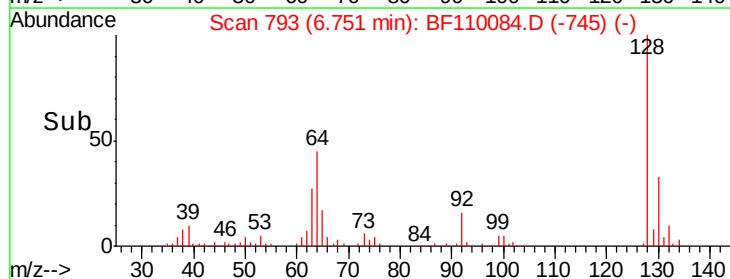
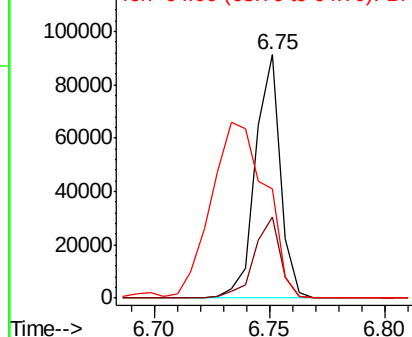
128 100

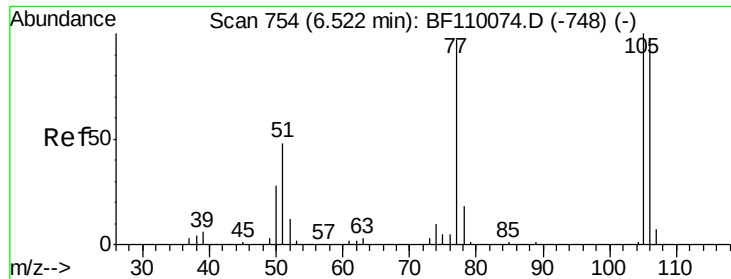
130 33.1 13.1 53.1

64 44.7 26.0 66.0



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

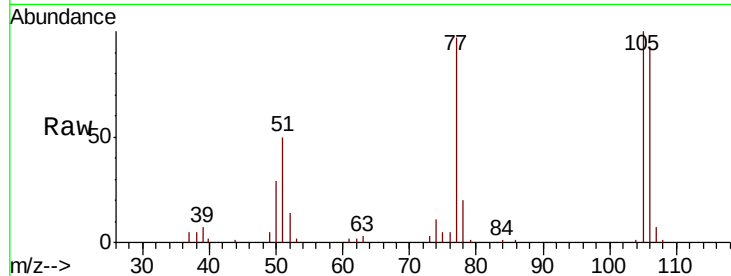




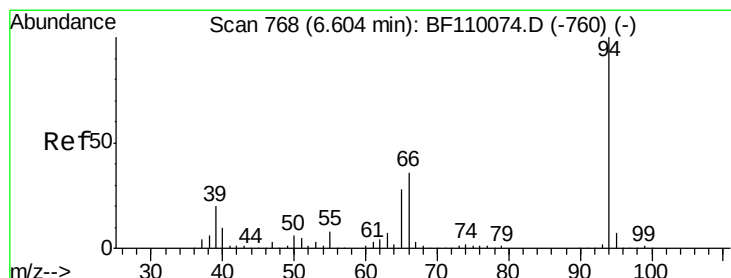
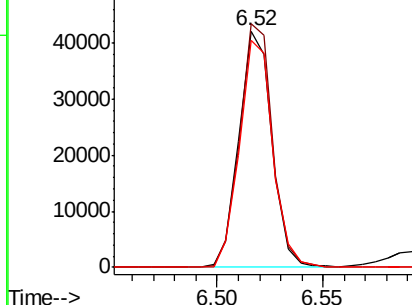
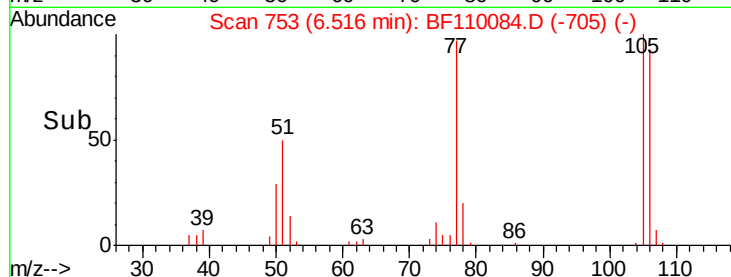
#9
Benzaldehyde
Concen: 3.584 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 45357
Ion Ratio Lower Upper
77 100
105 103.0 78.6 118.6
106 96.1 74.8 114.8

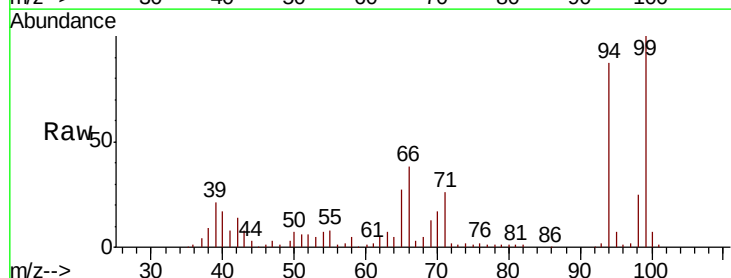


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

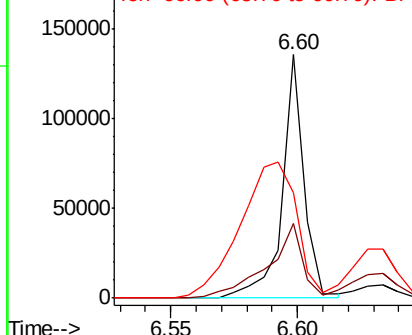
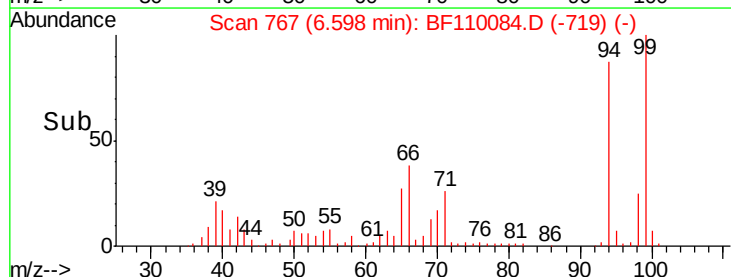


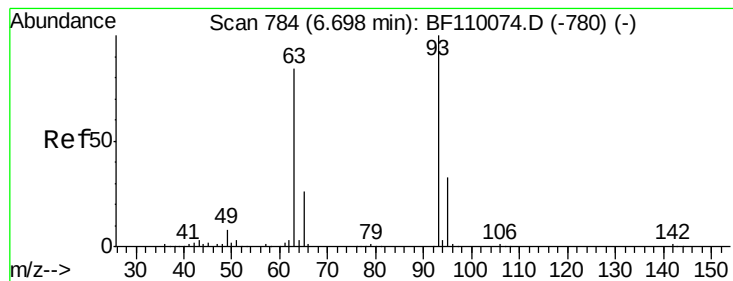
#10
Phenol
Concen: 5.186 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion: 94 Resp: 81445
Ion Ratio Lower Upper
94 100
65 30.7 25.3 65.3
66 43.1 54.5 94.5#



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

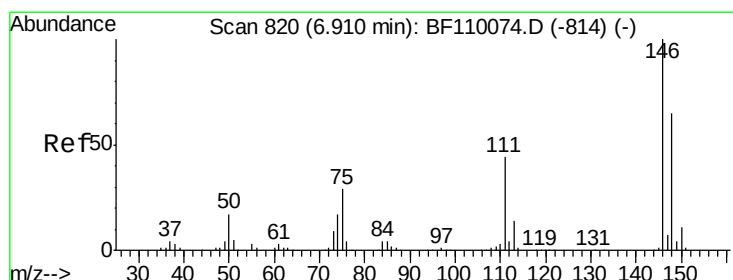
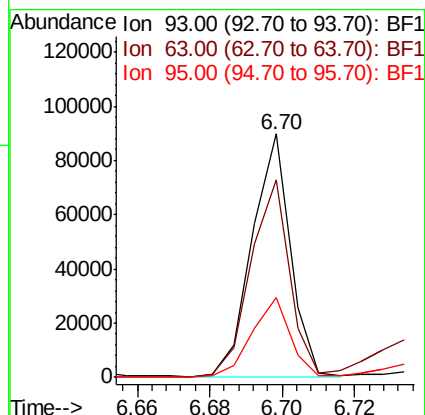
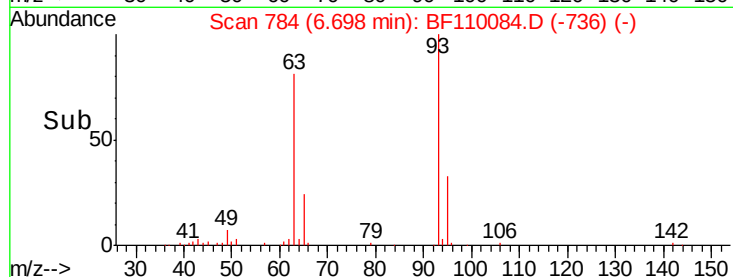
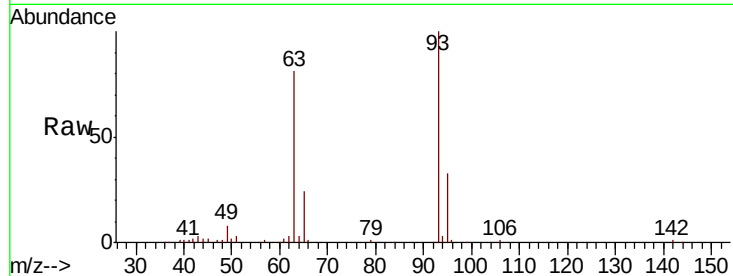




#11
bis(2-Chloroethyl)ether
Concen: 5.119 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

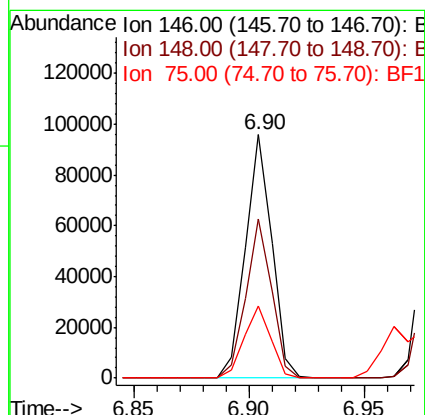
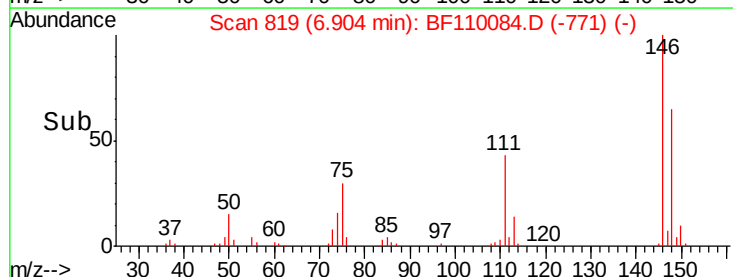
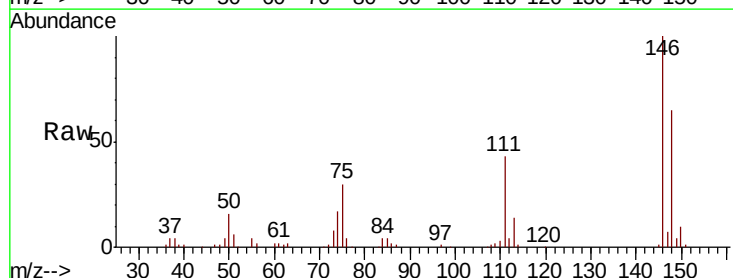
Instrument :
BNA_F
ClientSampleId :

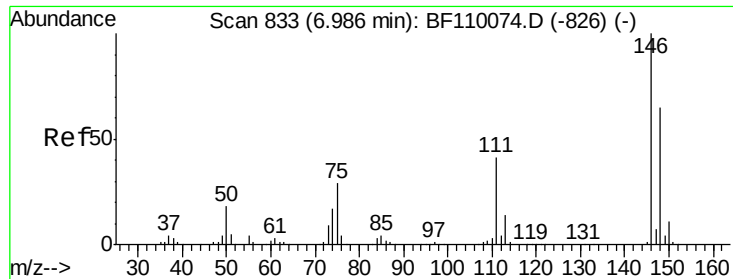
Tot Ion: 93 Resp: 66136
Ion Ratio Lower Upper
93 100
63 81.4 53.4 93.4
95 32.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 5.264 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion: 146 Resp: 76721
Ion Ratio Lower Upper
146 100
148 65.2 50.4 75.6
75 29.6 25.8 38.6

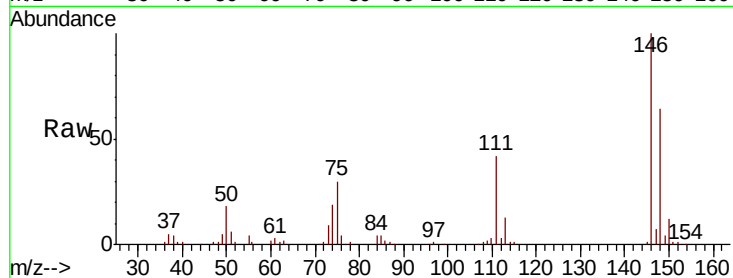




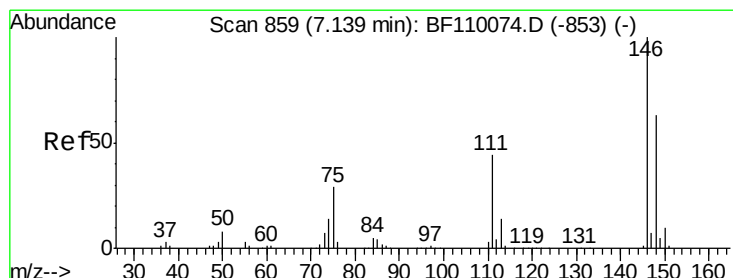
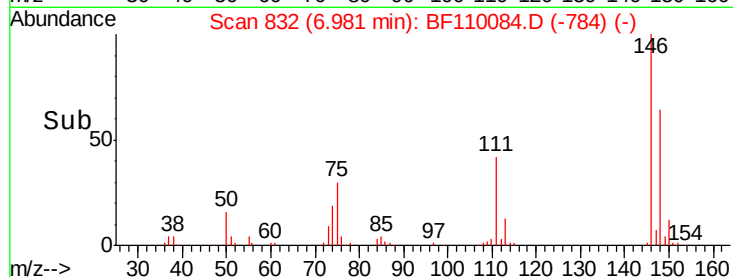
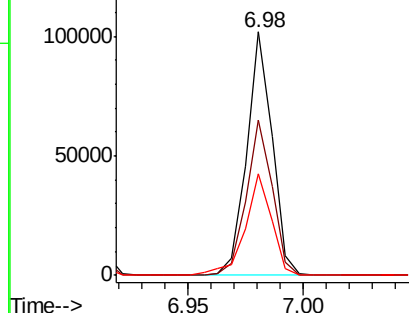
#13
 1,4-Dichlorobenzene
 Concen: 5.336 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 78642
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.3 75.5
 111 41.6 32.7 49.1

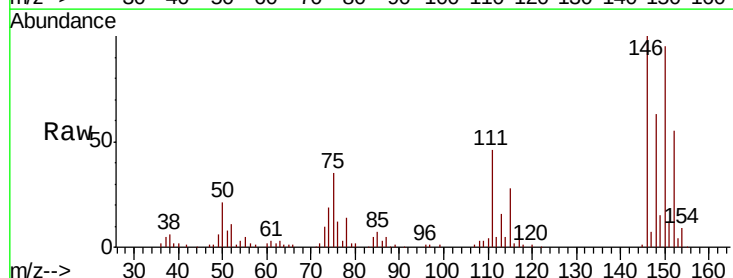


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

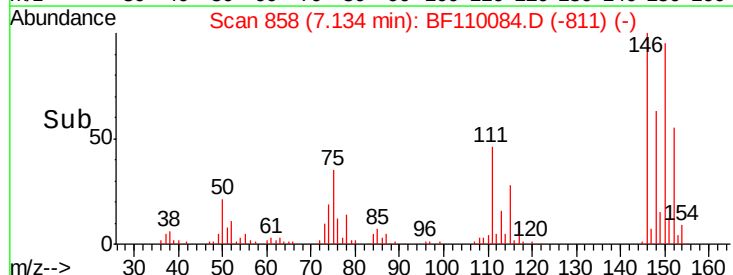
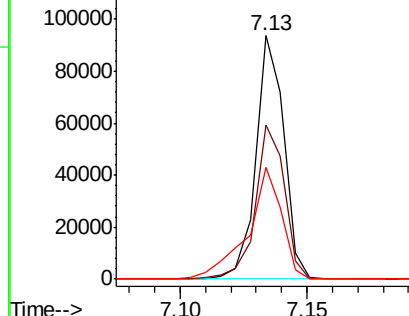


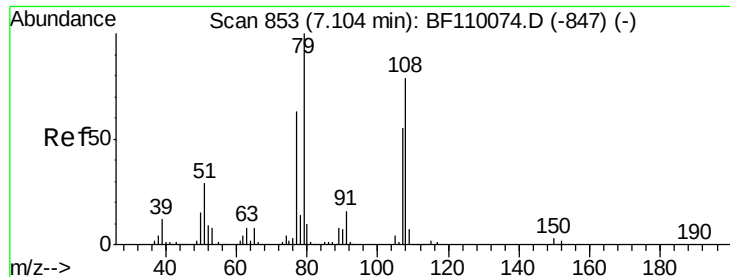
#14
 1,2-Dichlorobenzene
 Concen: 5.277 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Tgt Ion:146 Resp: 72203
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.1 76.7
 111 45.7 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 4.689 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

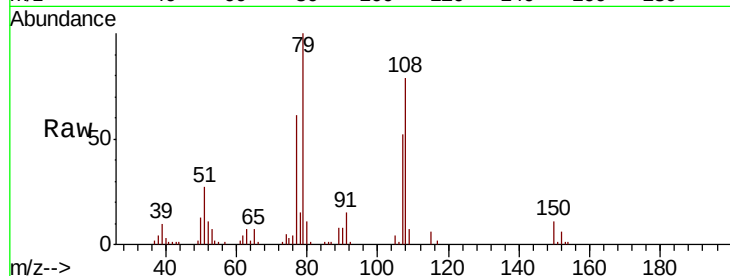
Tot Ion: 79 Resp: 52990

Ion Ratio Lower Upper

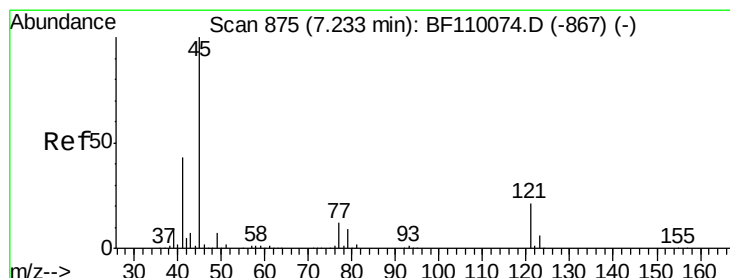
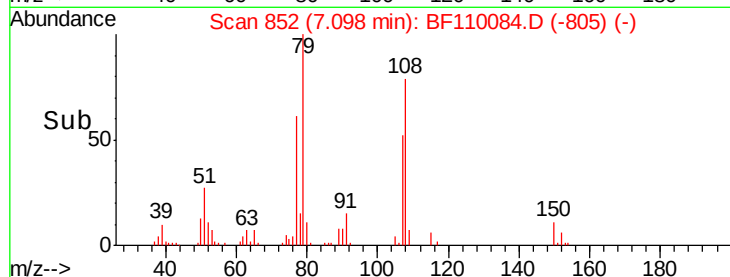
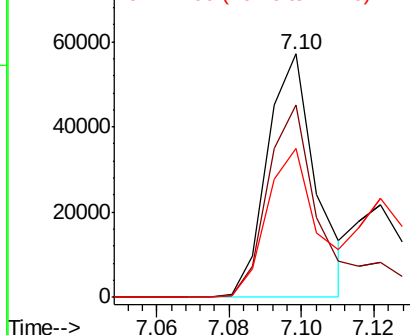
79 100

108 79.1 56.3 84.5

77 61.4 52.9 79.3



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: 5.387 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

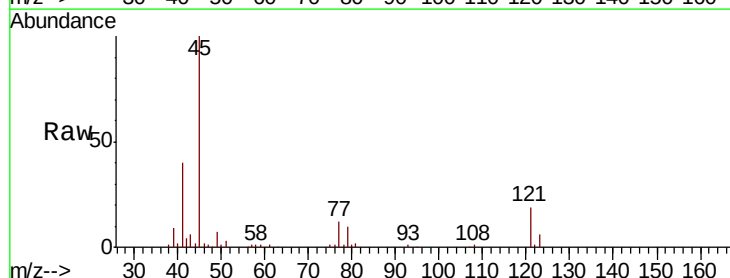
Tgt Ion: 45 Resp: 111293

Ion Ratio Lower Upper

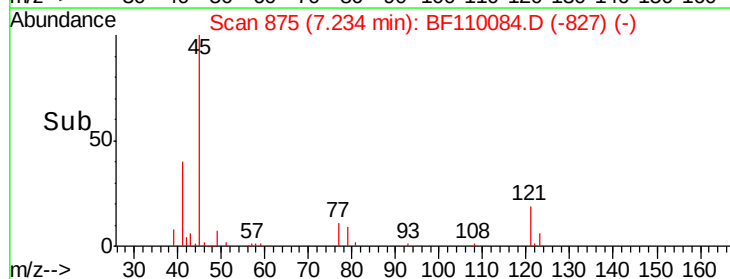
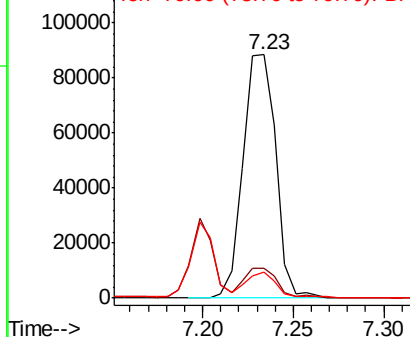
45 100

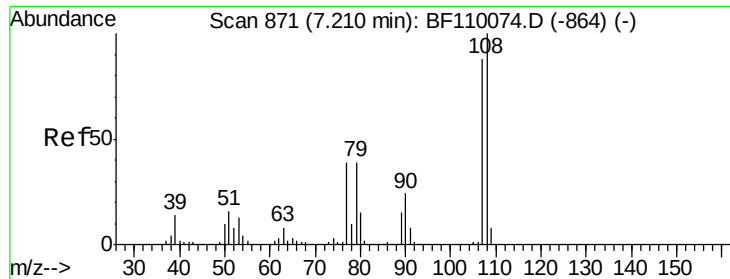
77 12.1 10.0 50.0

79 10.4 6.1 46.1



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: 5.304 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 55982

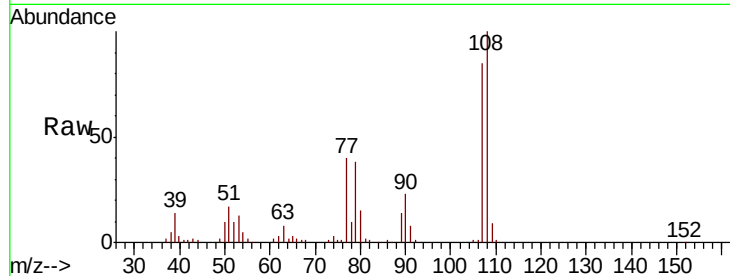
Ion Ratio Lower Upper

107 100

108 117.8 92.6 138.8

77 46.9 59.4 89.2#

79 44.7 54.0 81.0#

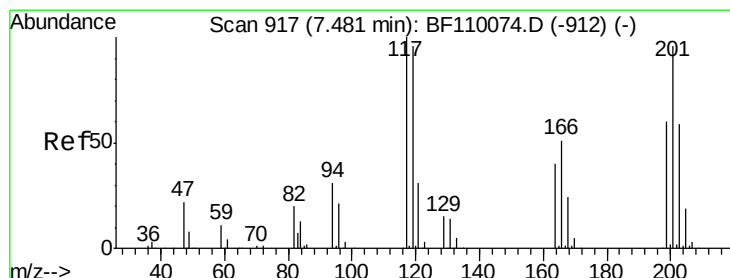
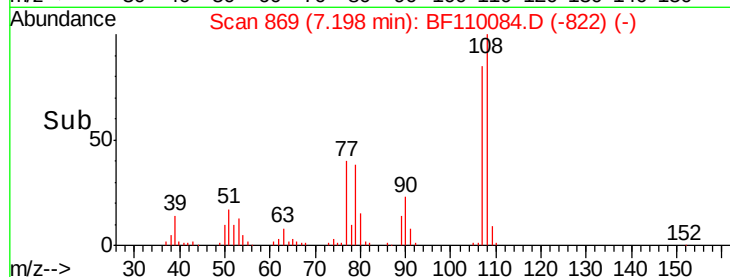
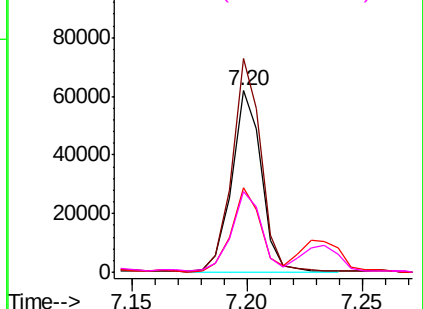


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 5.240 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

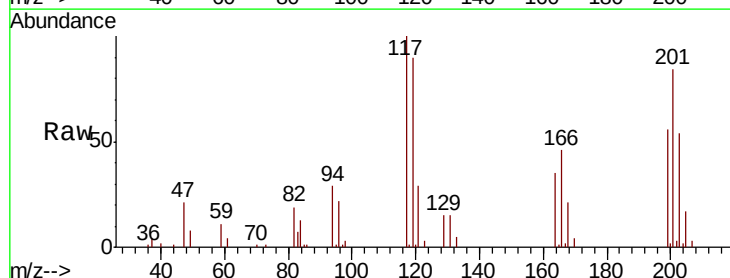
Tgt Ion:117 Resp: 28277

Ion Ratio Lower Upper

117 100

119 90.4 75.0 112.6

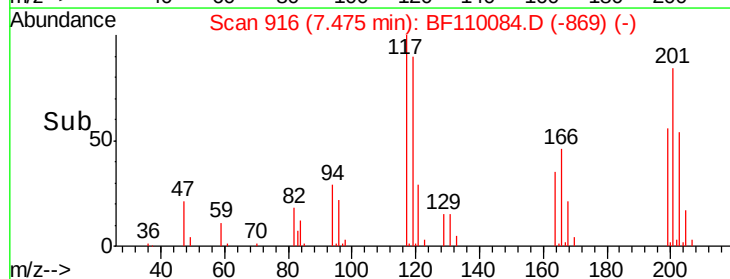
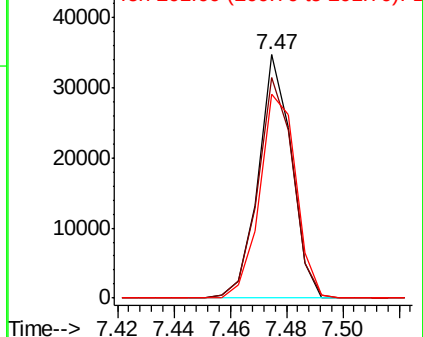
201 83.7 79.2 118.8

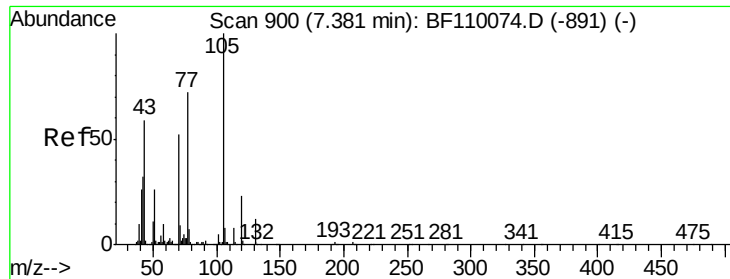


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

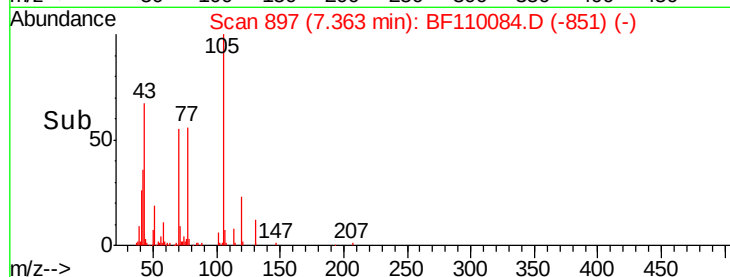
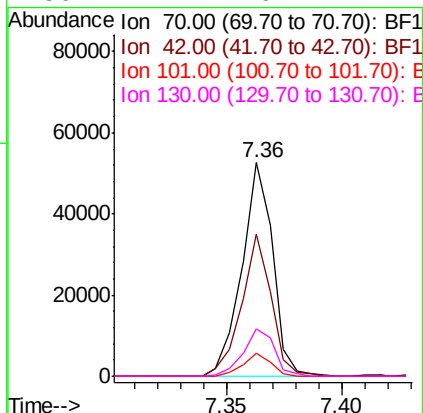
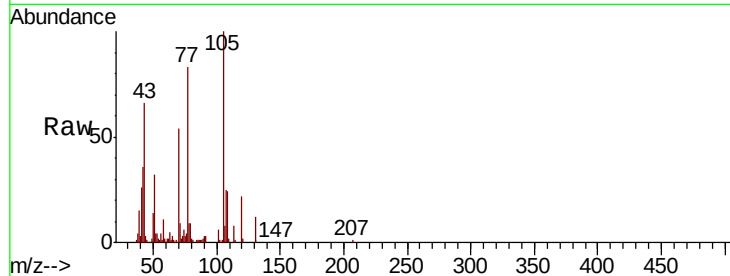




#19
n-Nitroso-di-n-propylamine
Concen: 5.241 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

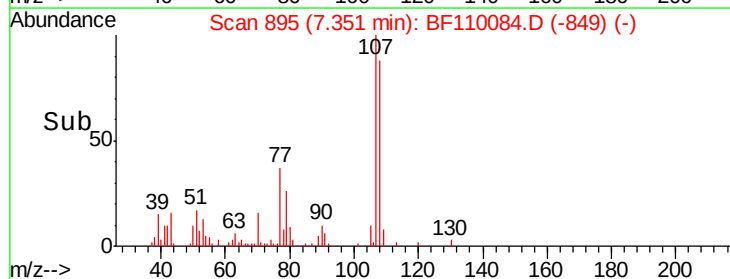
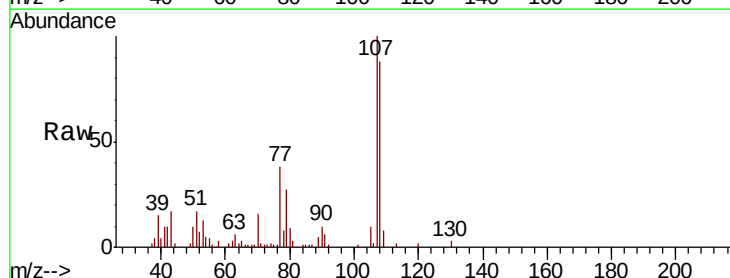
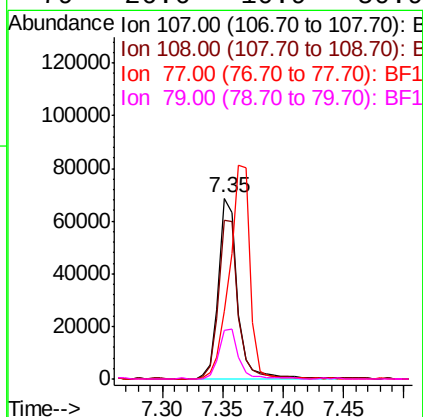
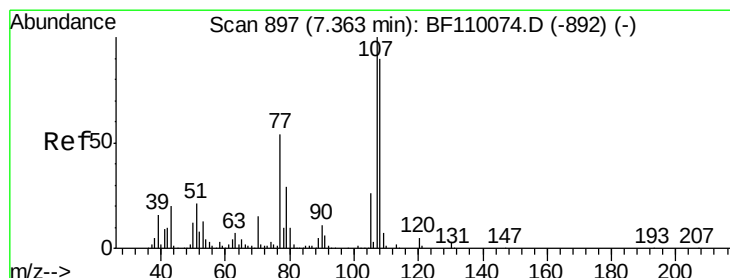
Instrument :
BNA_F
ClientSampled :

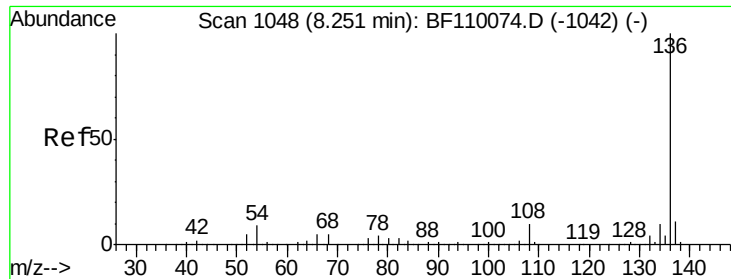
Tot Ion:	70	Resp:	49401
Ion	Ratio	Lower	Upper
70	100		
42	66.3	47.4	71.2
101	10.7	7.3	10.9
130	22.1	16.2	24.2



#20
3+4-Methylphenols
Concen: 5.482 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:	107	Resp:	74793
Ion	Ratio	Lower	Upper
107	100		
108	87.7	71.4	111.4
77	37.8	47.3	87.3#
79	26.6	10.9	50.9

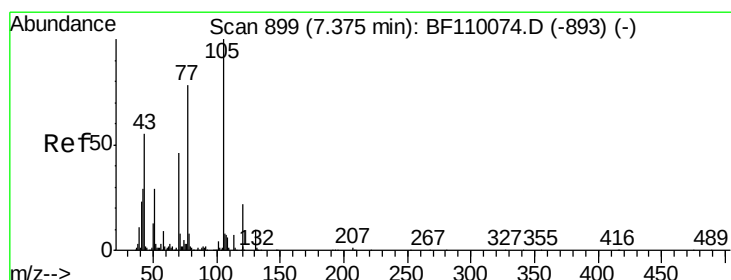
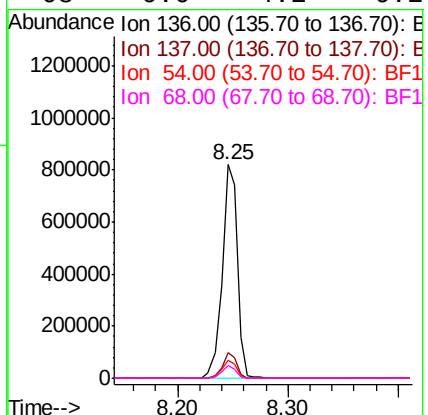
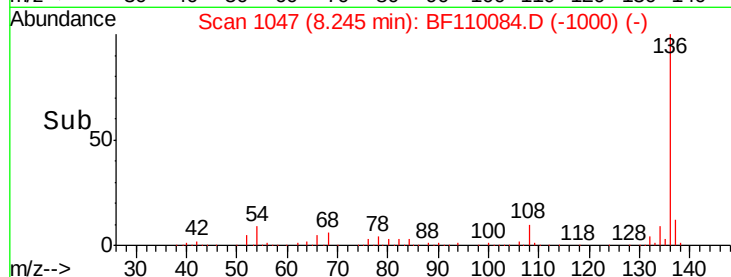
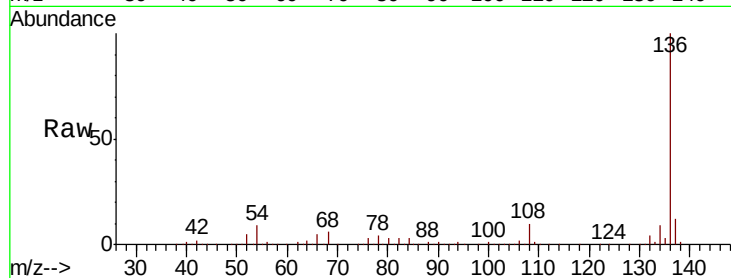




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

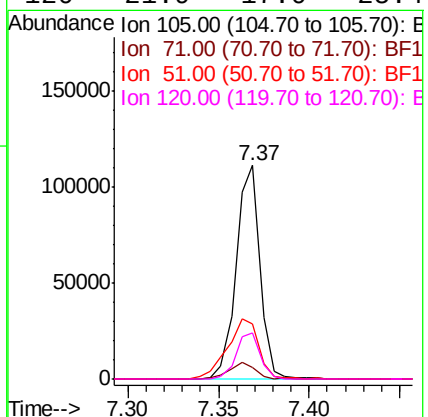
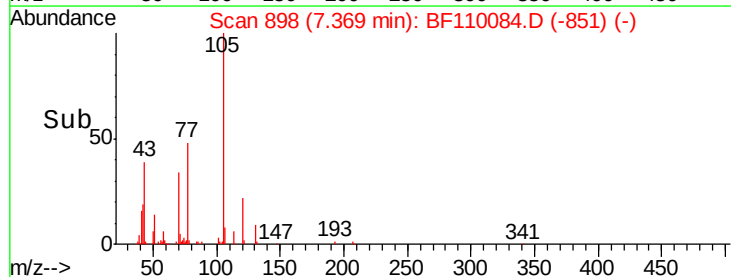
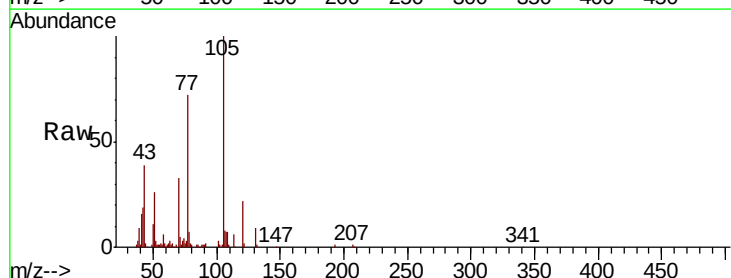
Instrument :
BNA_F
ClientSampleId :

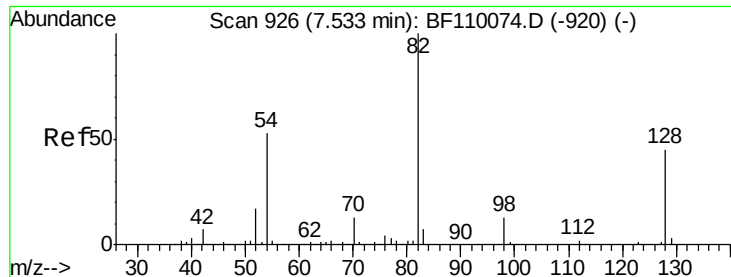
Tot Ion:136	Resp:	785721
Ion Ratio	Lower	Upper
136	100	
137	11.7	8.8 13.2
54	8.6	5.4 8.2#
68	6.0	4.2 6.2



#22
Acetophenone
Concen: 5.594 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:105	Resp:	101275
Ion Ratio	Lower	Upper
105	100	
71	5.4	5.2 7.8
51	26.1	21.8 32.8
120	21.9	17.0 25.4

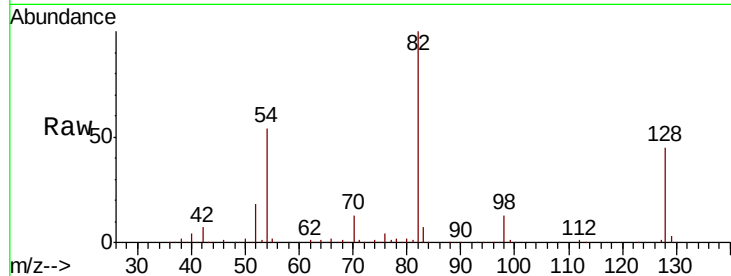




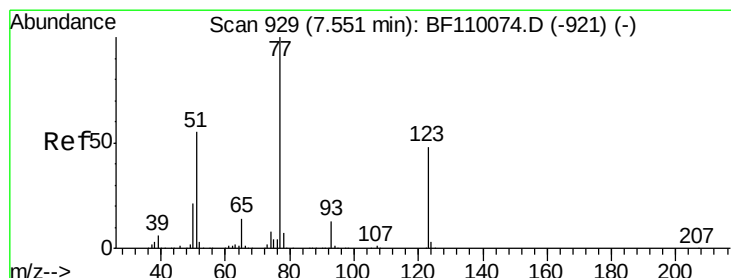
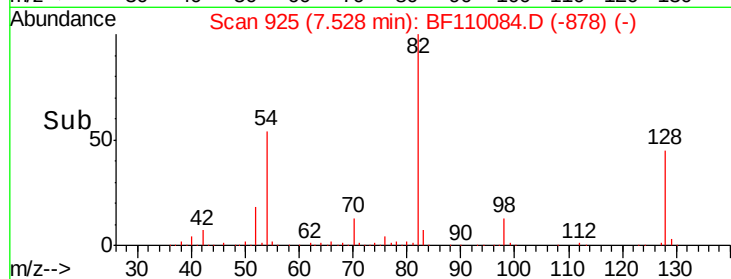
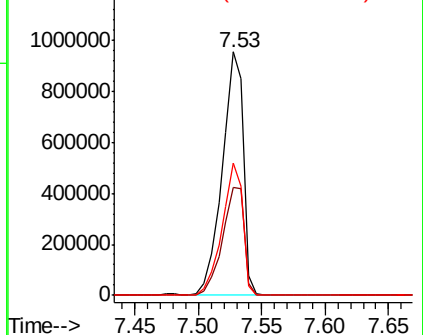
#23
 Nitrobenzene-d5
 Concen: 82.875 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1097842
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.2 51.2
 54 54.3 38.6 58.0

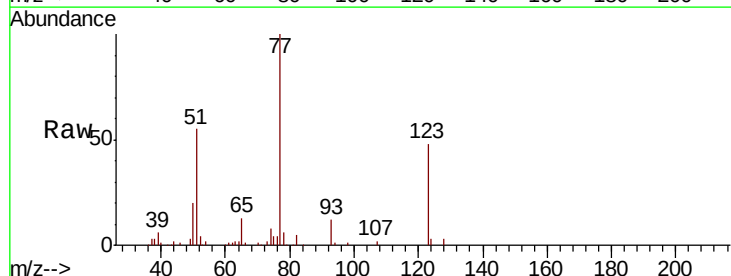


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

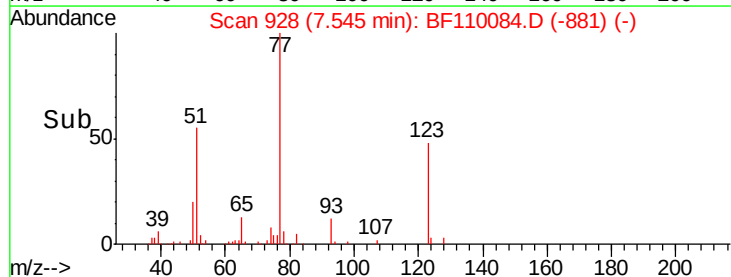
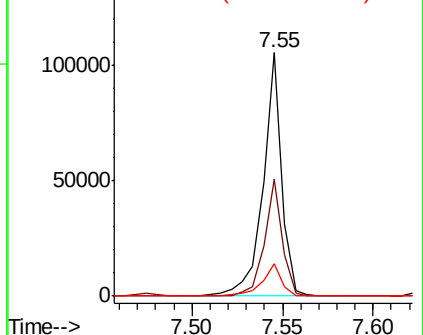


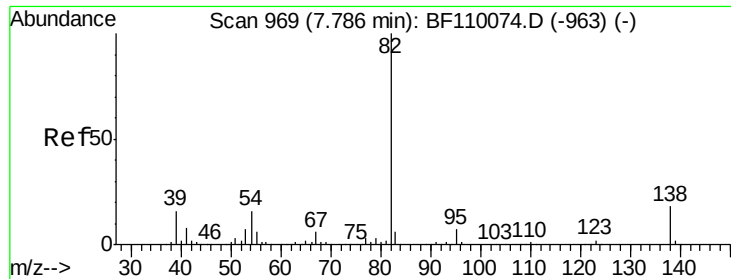
#24
 Nitrobenzene
 Concen: 5.517 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Tgt Ion: 77 Resp: 75448
 Ion Ratio Lower Upper
 77 100
 123 48.1 35.7 53.5
 65 13.4 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 5.977 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

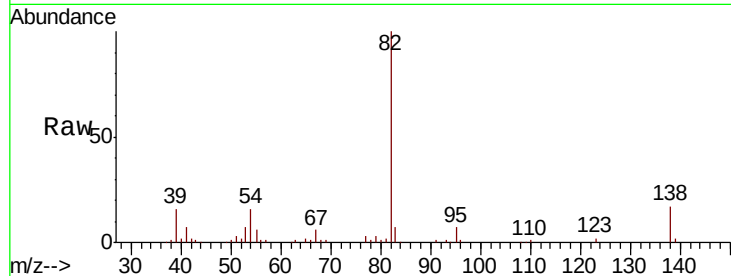
Tot Ion: 82 Resp: 134958

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

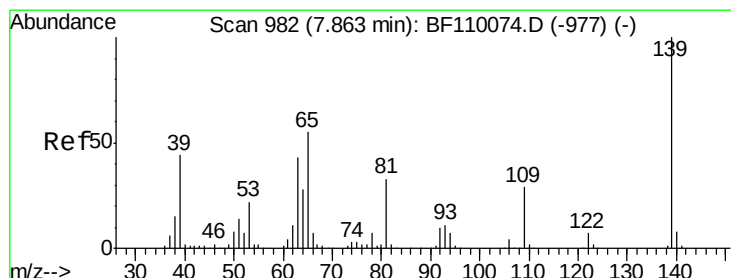
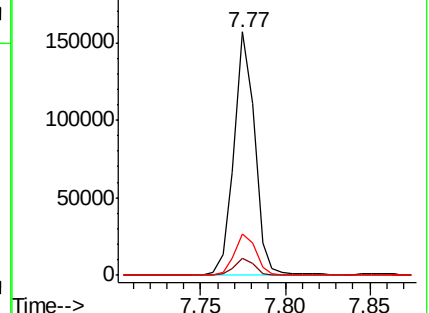
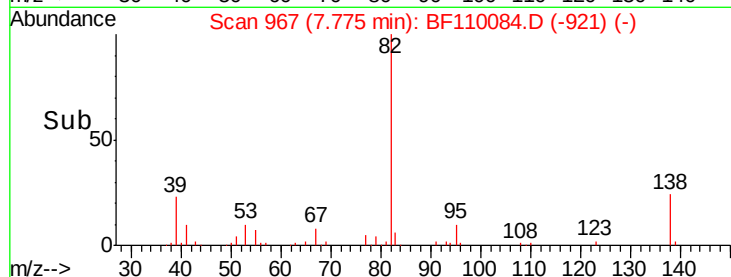
138 17.2 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 4.836 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

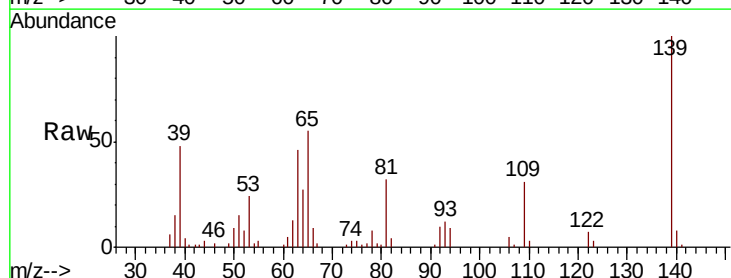
Tgt Ion: 139 Resp: 31471

Ion Ratio Lower Upper

139 100

109 30.8 25.0 37.6

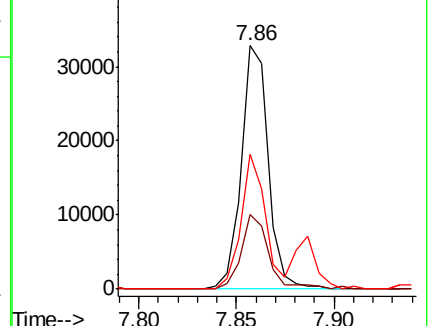
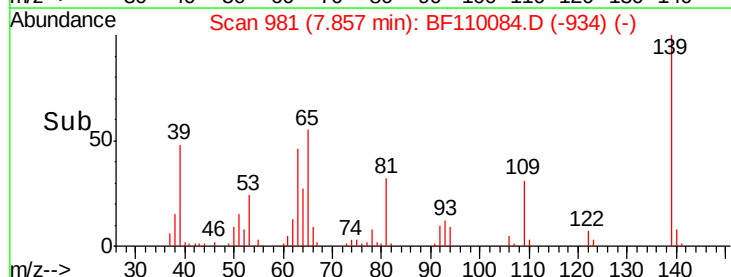
65 55.2 44.0 66.0

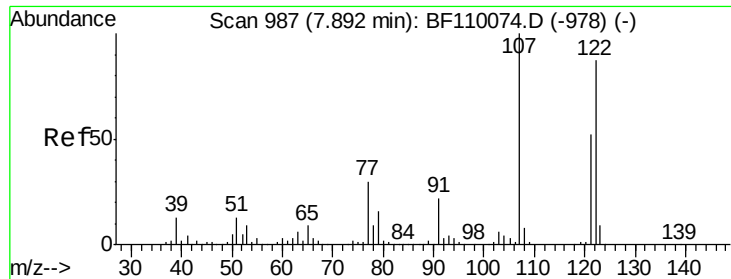


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 5.514 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampled :

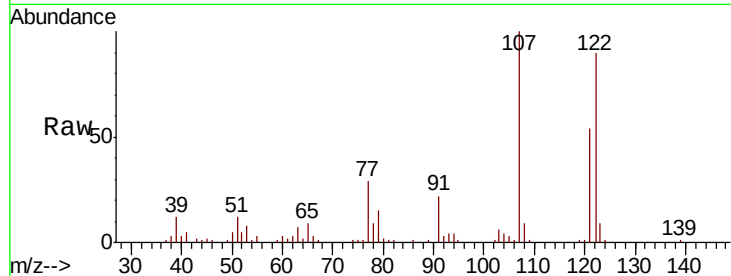
Tot Ion:122 Resp: 59498

Ion Ratio Lower Upper

122 100

107 111.2 92.5 138.7

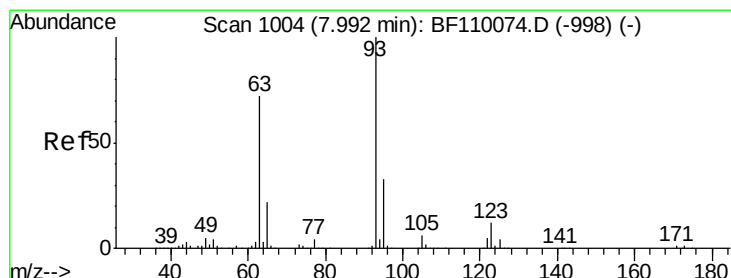
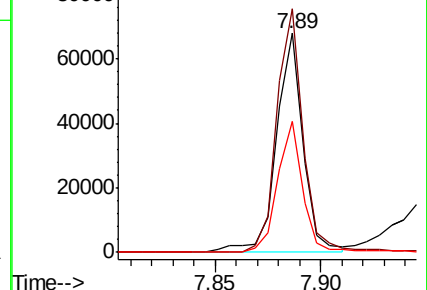
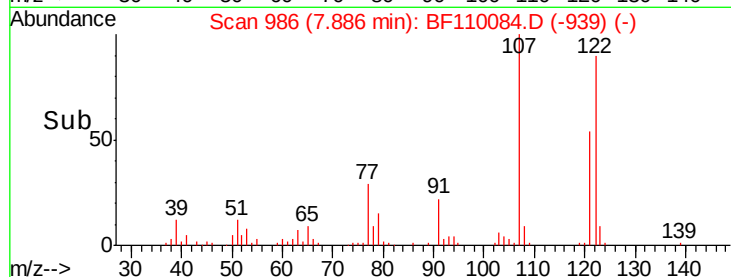
121 59.6 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 5.561 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

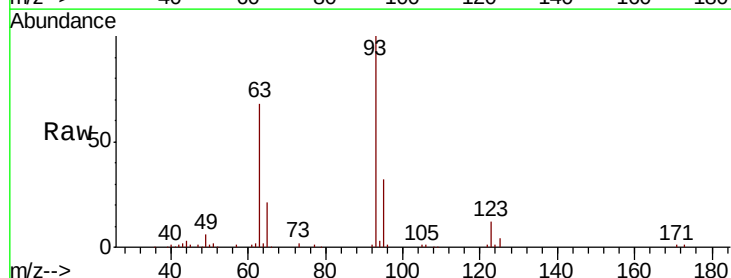
Tgt Ion: 93 Resp: 85300

Ion Ratio Lower Upper

93 100

95 31.5 26.4 39.6

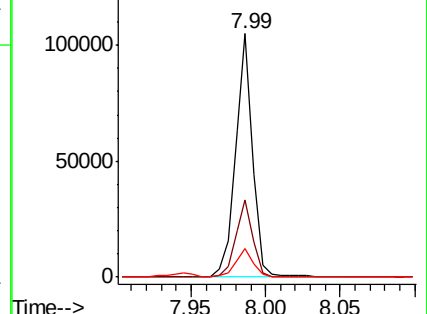
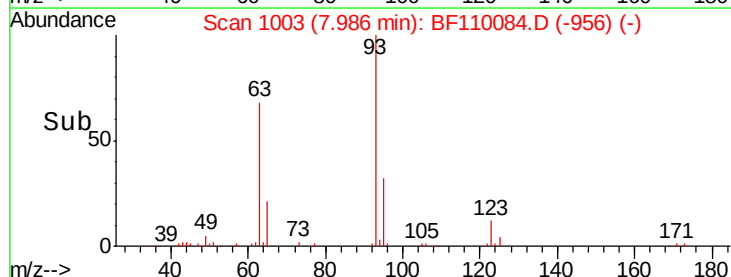
123 11.8 9.0 13.6

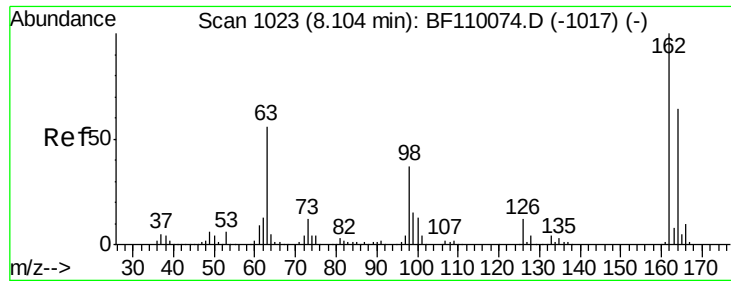


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

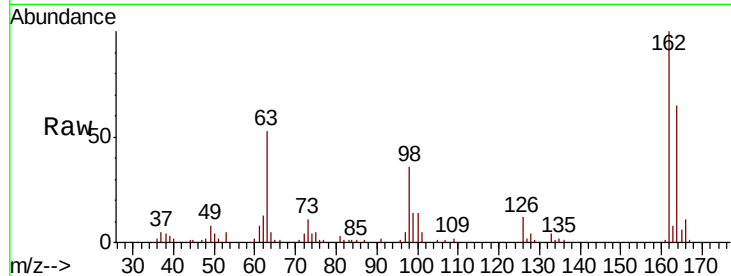




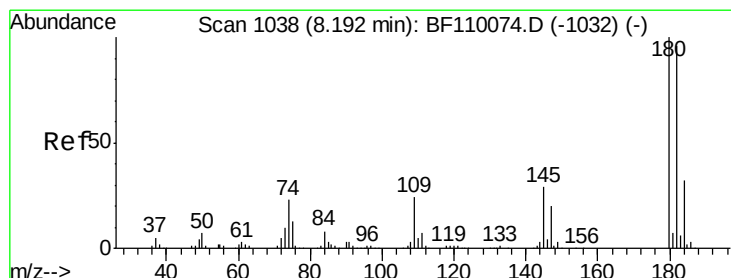
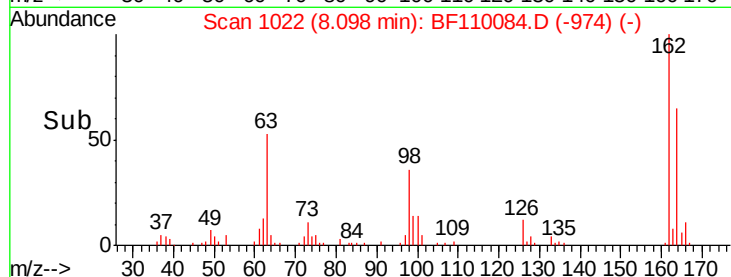
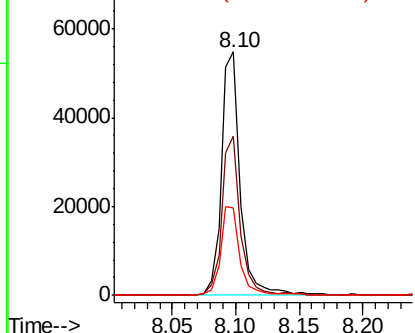
#29
2,4-Dichlorophenol
Concen: 5.232 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.6	84.6
98	36.2	17.4	57.4

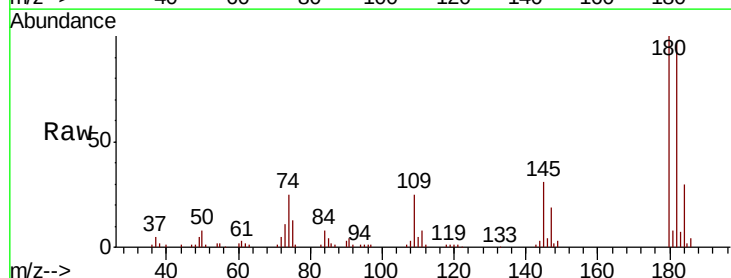


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

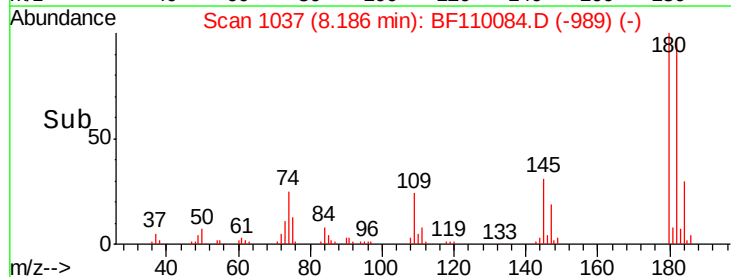
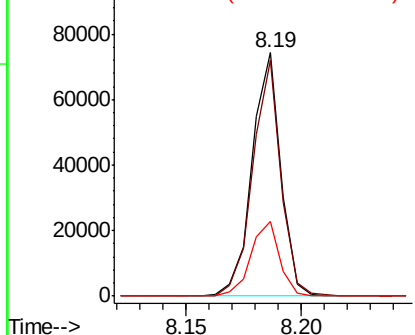


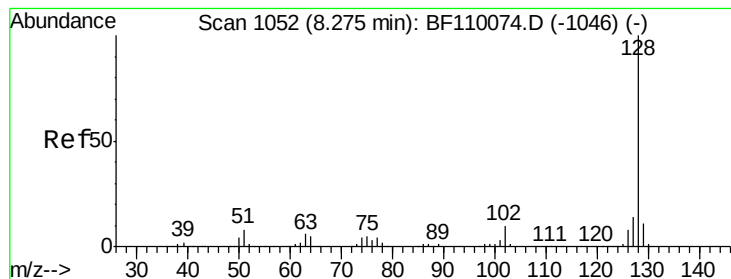
#30
1,2,4-Trichlorobenzene
Concen: 5.275 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	80.3	120.5
145	30.9	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 5.917 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

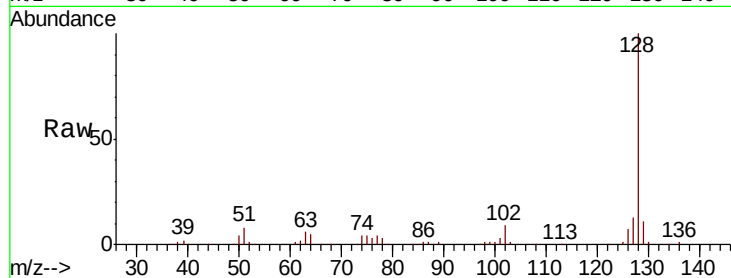
Tot Ion:128 Resp: 214266

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

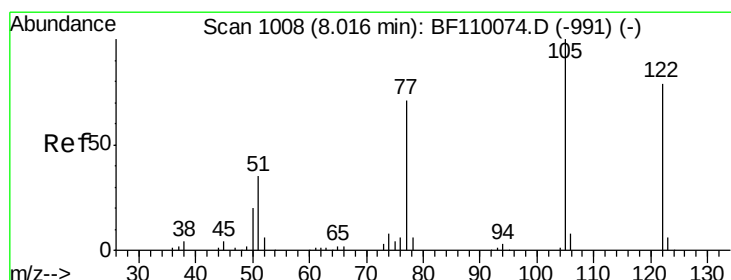
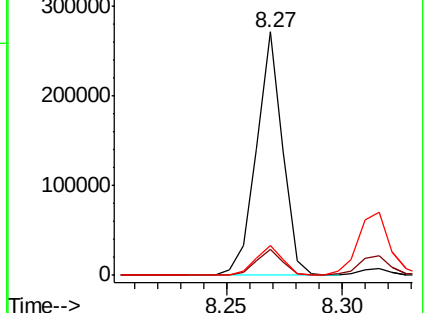
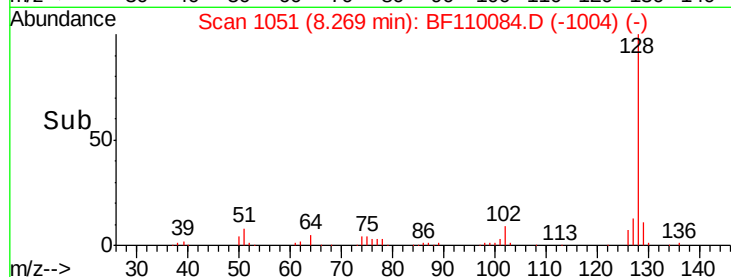
127 12.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.153 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.06 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

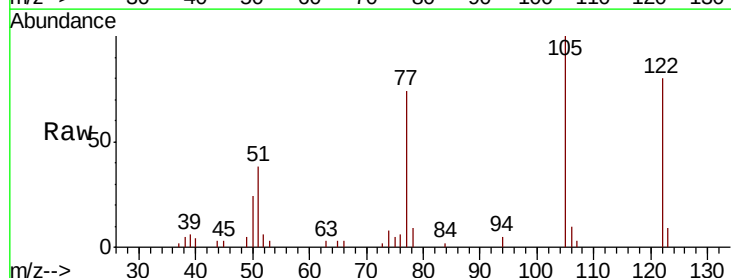
Tgt Ion:122 Resp: 26294

Ion Ratio Lower Upper

122 100

105 124.2 109.0 149.0

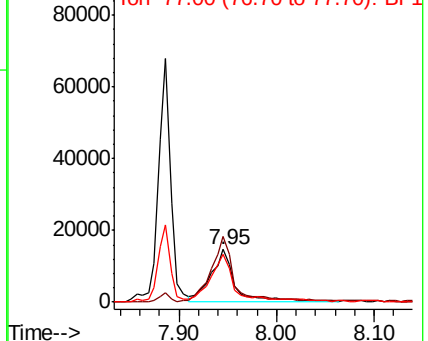
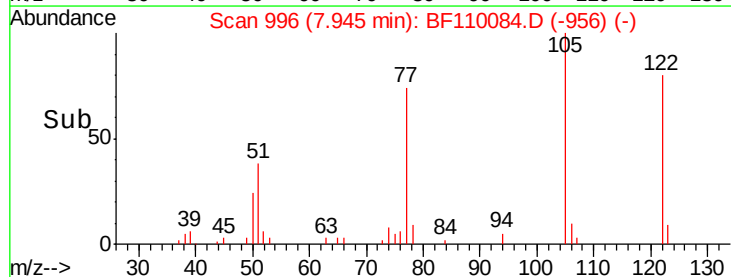
77 91.9 79.0 119.0

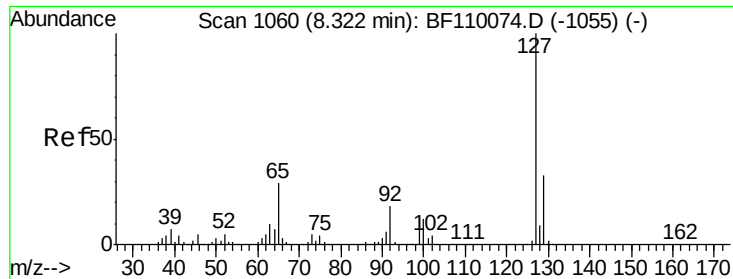


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

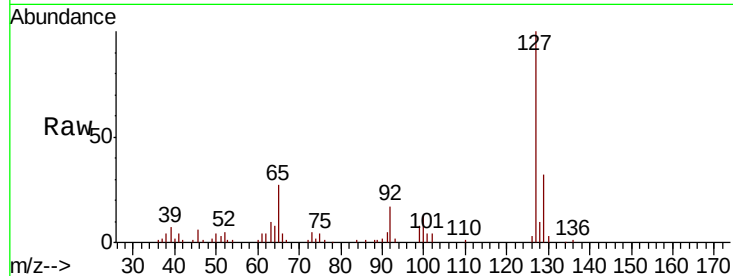




#33
4-Chloroaniline
Concen: 4.309 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	70228
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	27.5	25.1	37.7
92	17.1	15.0	22.6



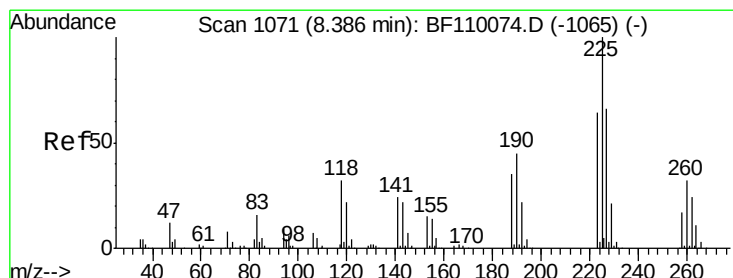
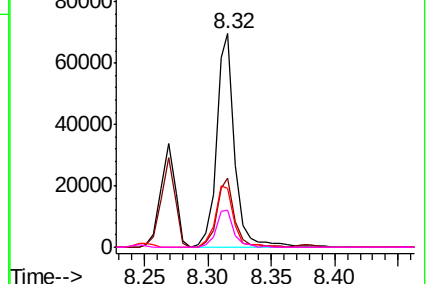
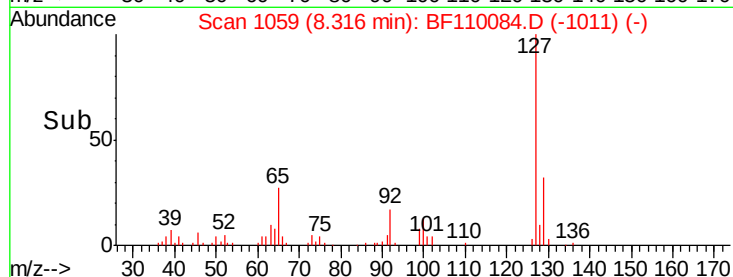
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

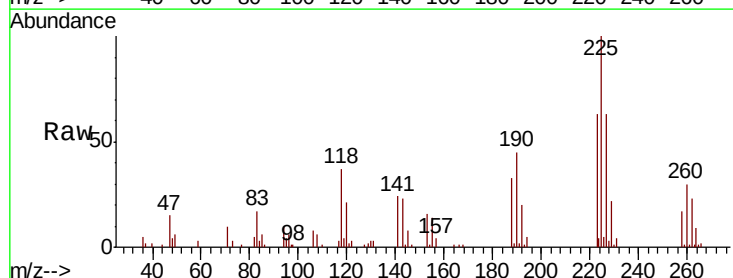
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 5.160 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:	225	Resp:	34985
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	62.6	51.0	76.6

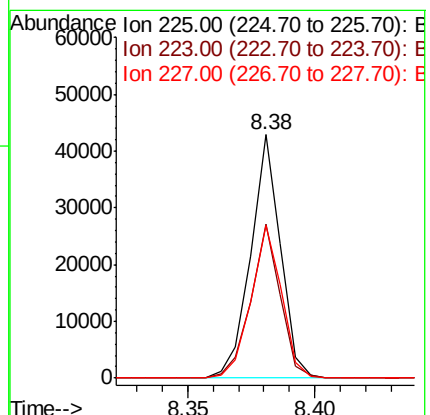
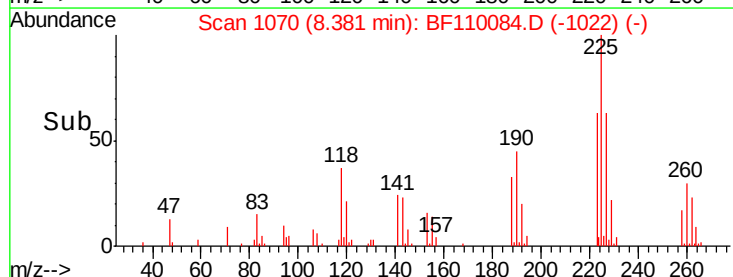


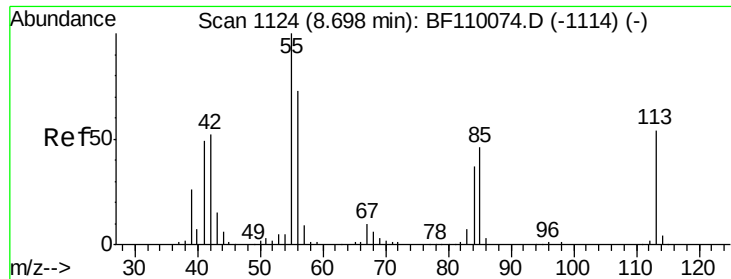
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

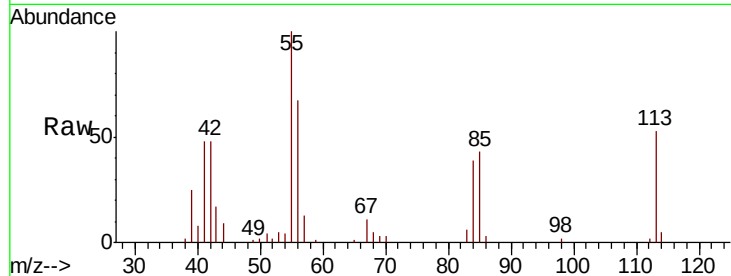




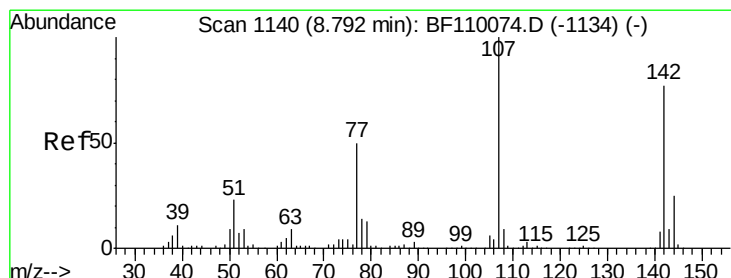
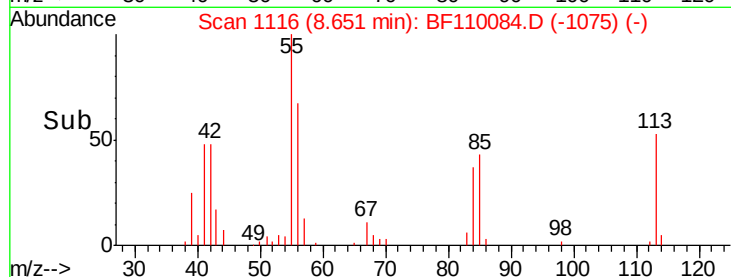
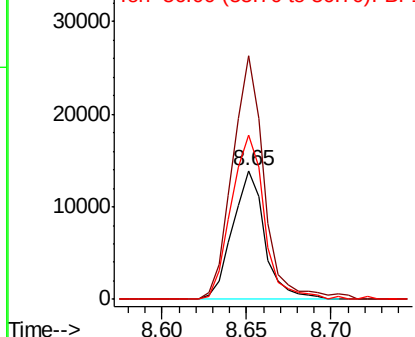
#35
 Caprolactam
 Concen: 4.891 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.06 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 18582
 Ion Ratio Lower Upper
 113 100
 55 188.8 142.8 182.8#
 56 127.1 105.0 145.0

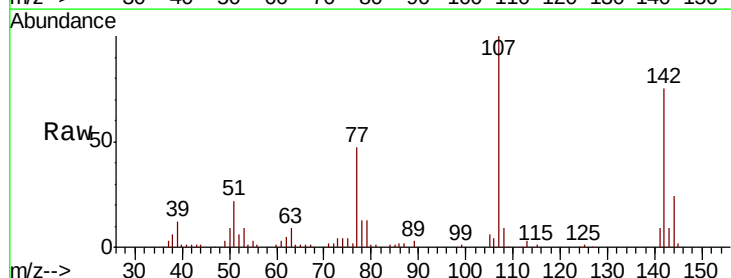


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

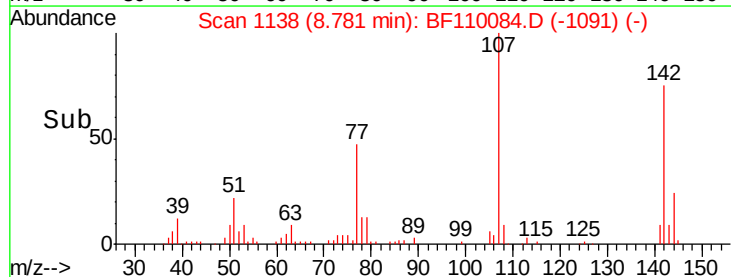
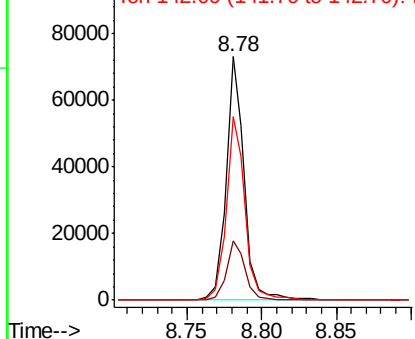


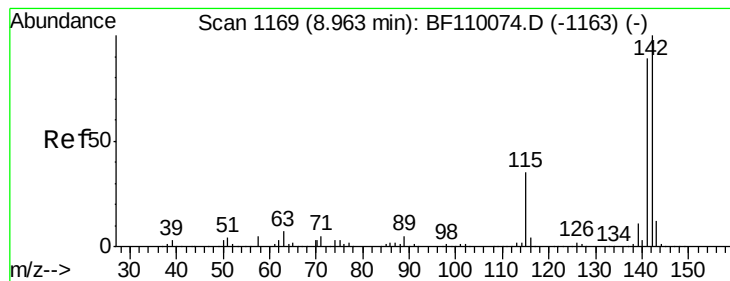
#36
 4-Chloro-3-methylphenol
 Concen: 5.304 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Tgt Ion:107 Resp: 62521
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.0 30.0
 142 75.3 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 6.072 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

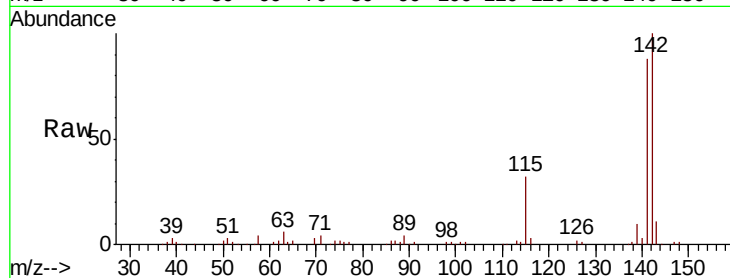
Tot Ion:142 Resp: 145487

Ion Ratio Lower Upper

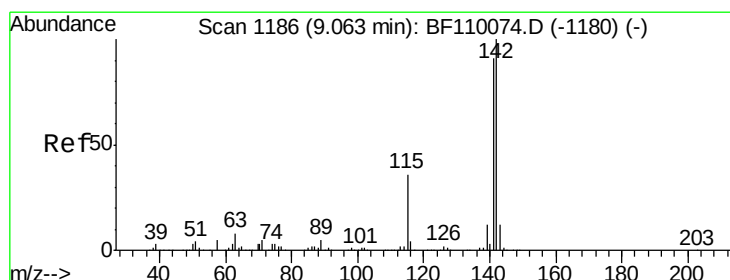
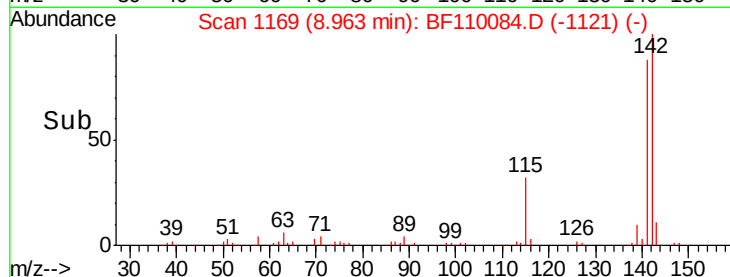
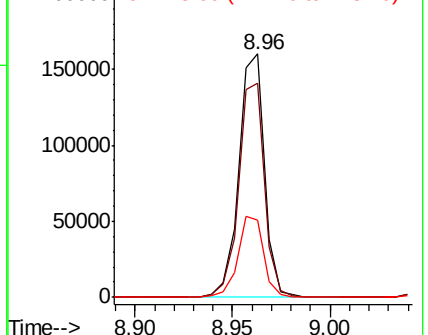
142 100

141 87.8 71.4 107.2

115 31.7 28.7 43.1



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: 5.952 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

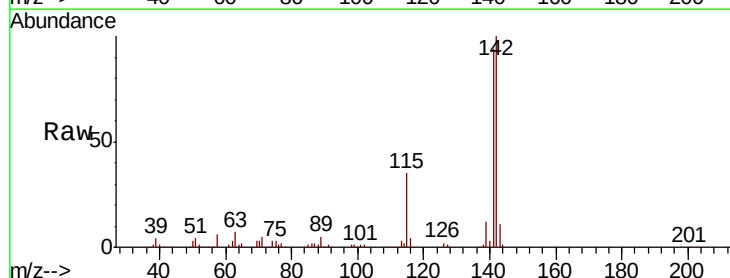
Tgt Ion:142 Resp: 137804

Ion Ratio Lower Upper

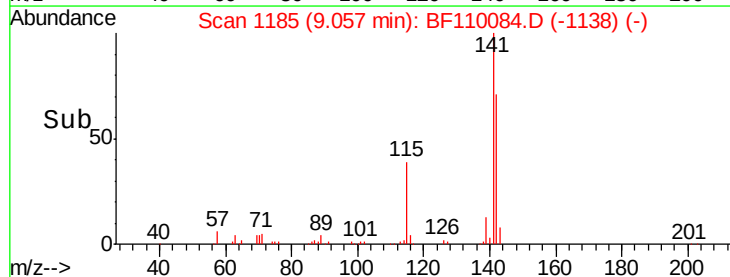
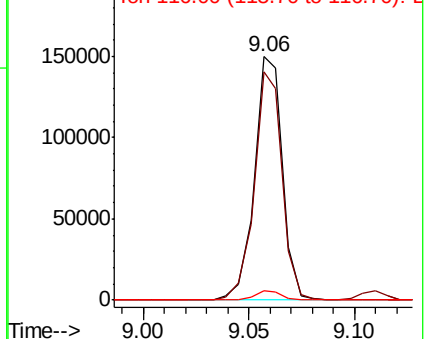
142 100

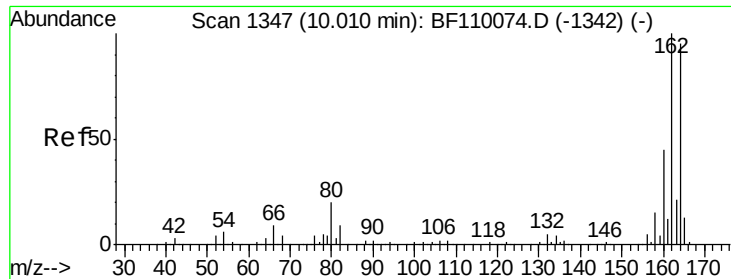
141 93.6 74.2 111.4

116 3.8 2.6 4.0



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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

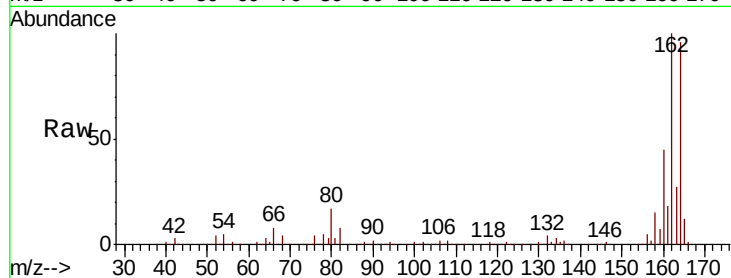
Tot Ion:164 Resp: 387078

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.6

160 46.7 37.0 55.6

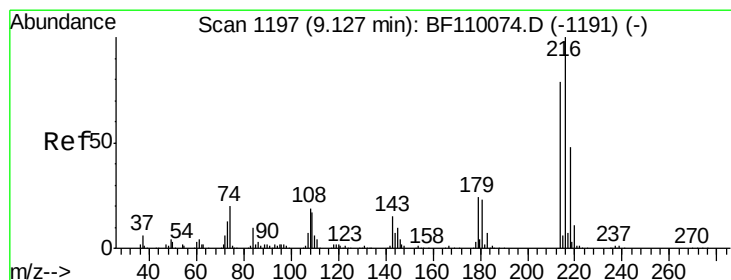
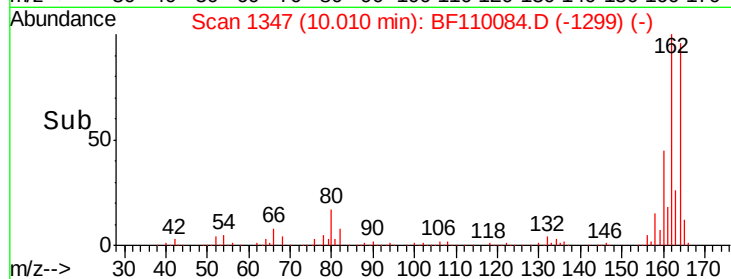
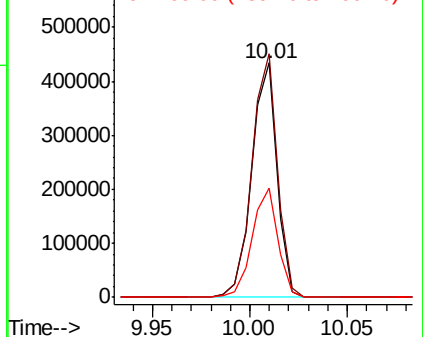


Abundance

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: 5.116 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Tgt Ion:216 Resp: 61702

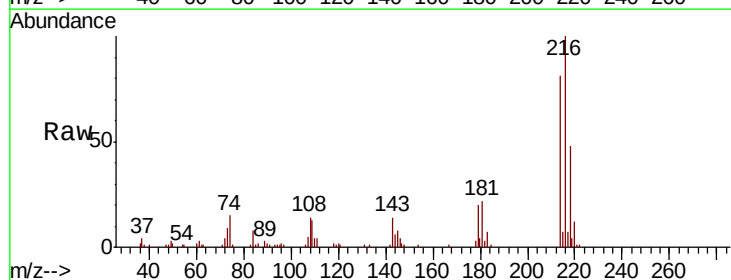
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 21.2 16.6 25.0

108 17.9 15.1 22.7



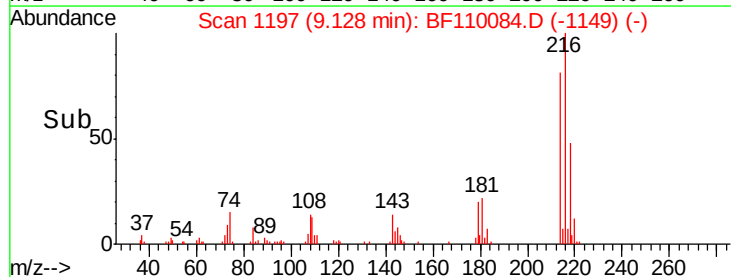
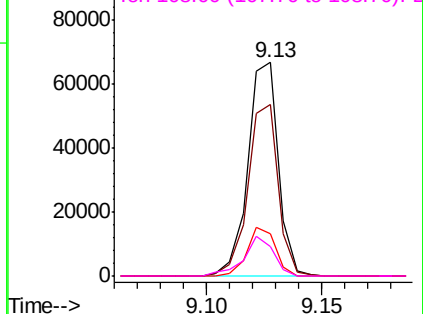
Abundance

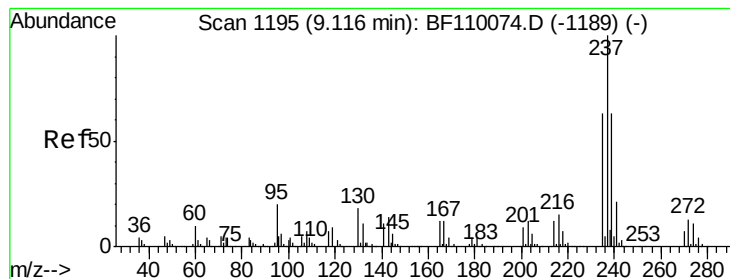
Ion 216.00 (215.70 to 216.70): E

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: 4.684 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

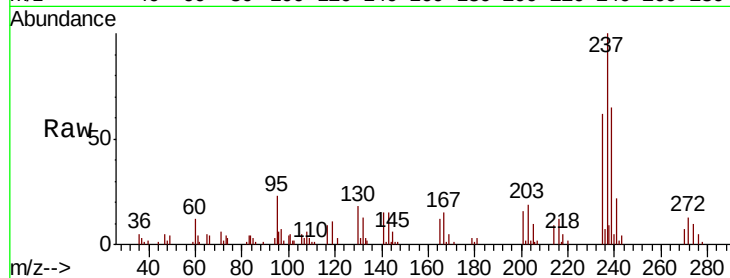
Tot Ion:237 Resp: 28888

Ion Ratio Lower Upper

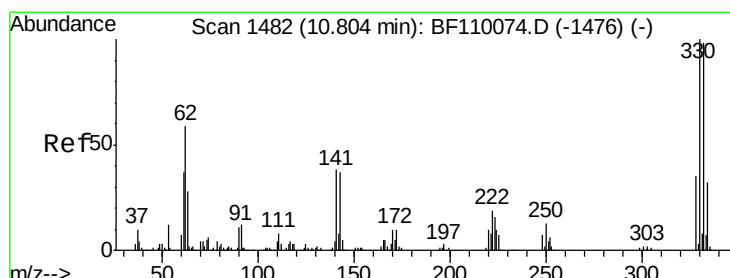
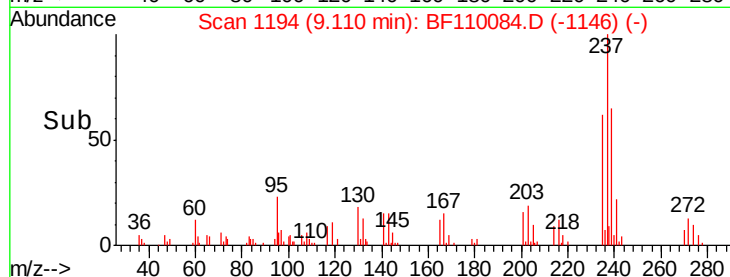
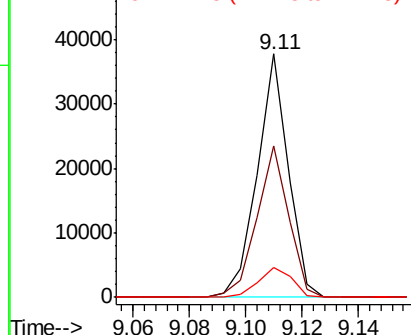
237 100

235 62.4 43.1 83.1

272 12.5 0.0 32.6



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: 124.800 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

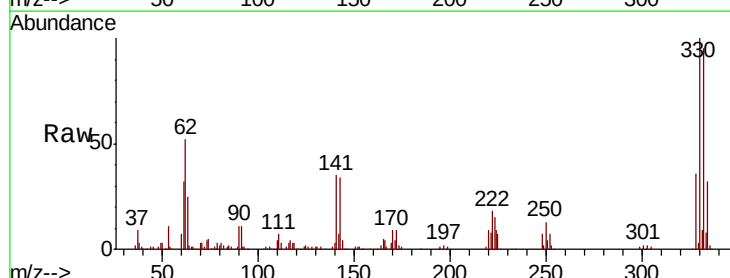
Tgt Ion:330 Resp: 478517

Ion Ratio Lower Upper

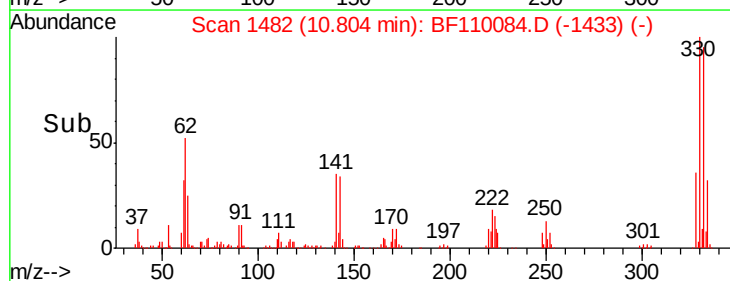
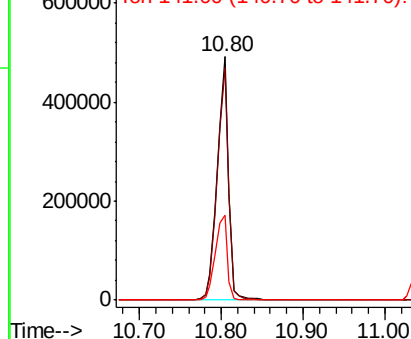
330 100

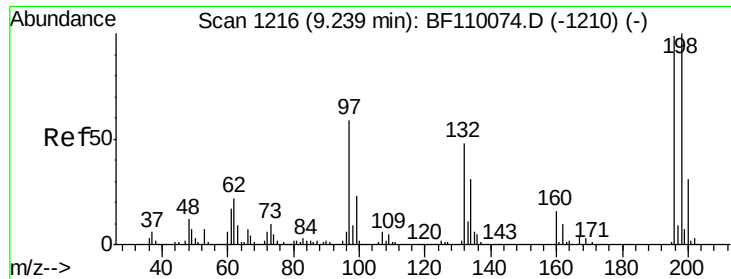
332 96.9 77.1 115.7

141 37.1 27.0 40.4



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

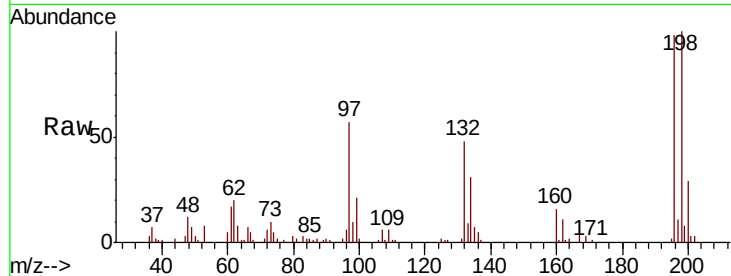




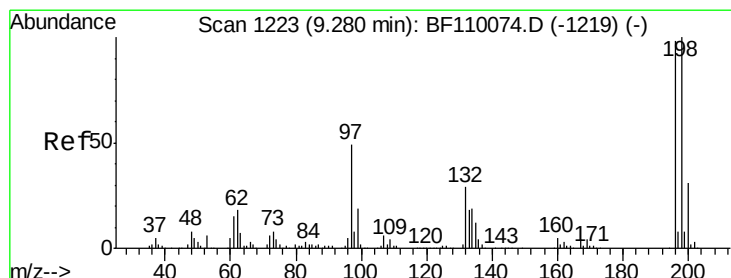
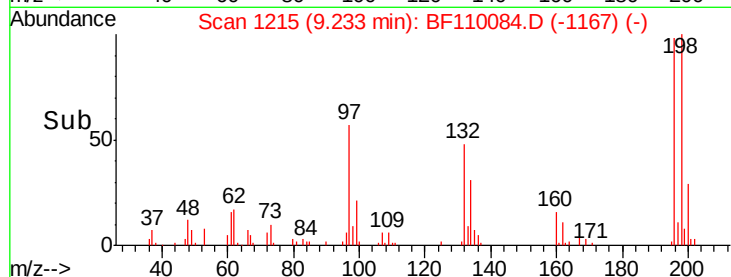
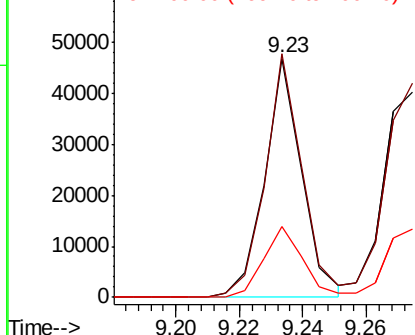
#43
 2,4,6-Trichlorophenol
 Concen: 4.910 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 38194
 Ion Ratio Lower Upper
 196 100
 198 102.1 76.2 114.4
 200 29.5 24.4 36.6



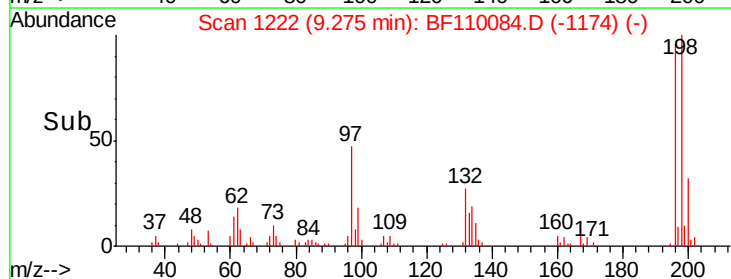
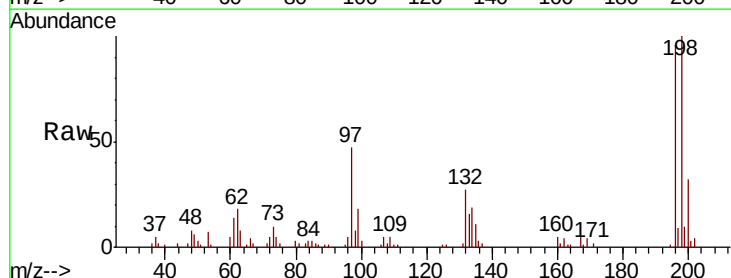
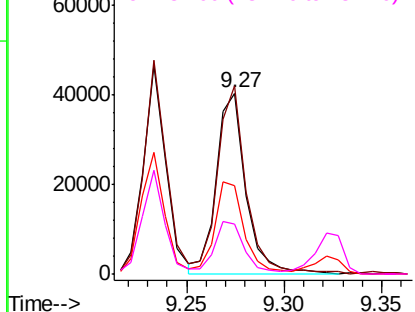
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

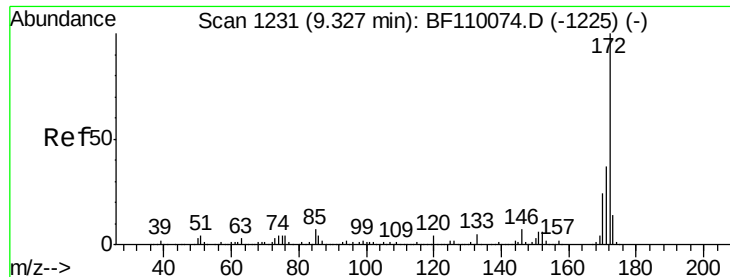


#44
 2,4,5-Trichlorophenol
 Concen: 5.194 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Tgt Ion:196 Resp: 42707
 Ion Ratio Lower Upper
 196 100
 198 104.0 75.8 113.6
 97 49.2 42.4 63.6
 132 27.9 22.8 34.2

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

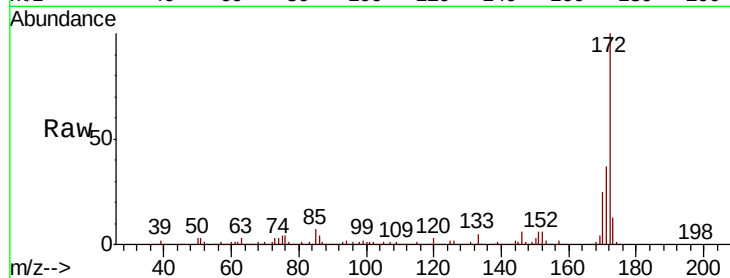




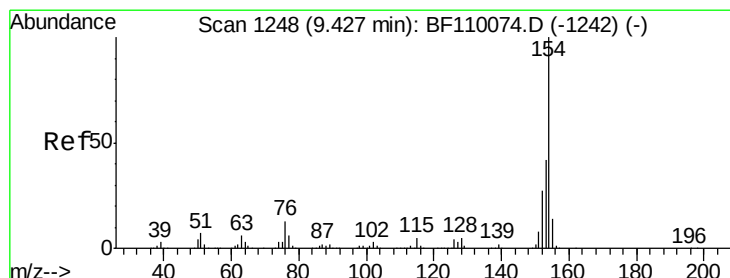
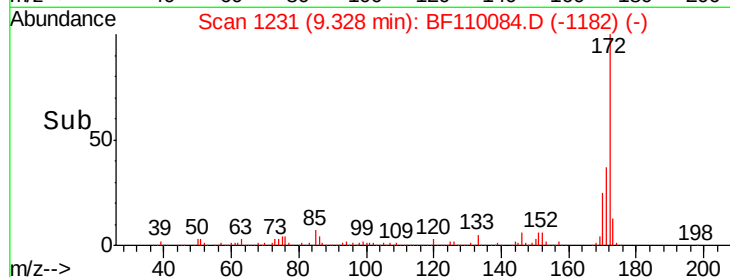
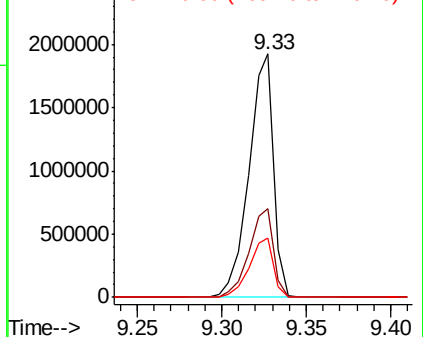
#45
2-Fluorobiphenyl
Concen: 79.399 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1957230
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 24.6 19.7 29.5

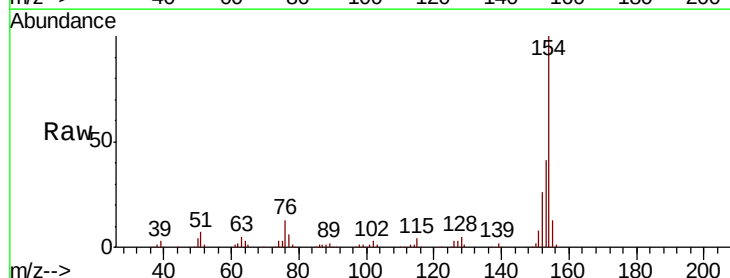


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

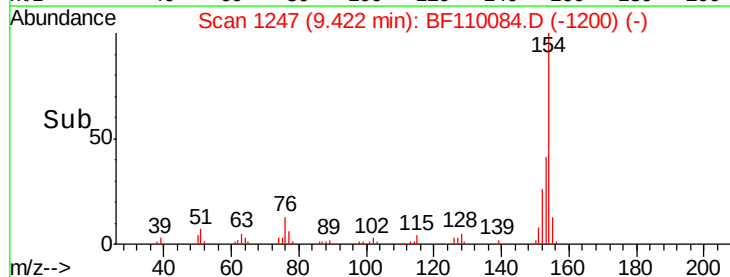
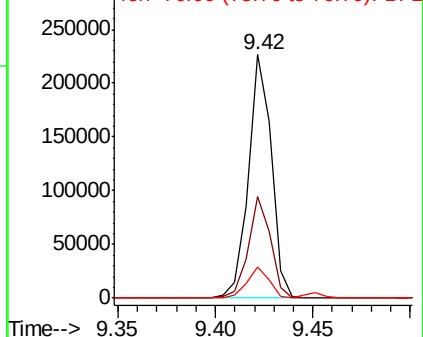


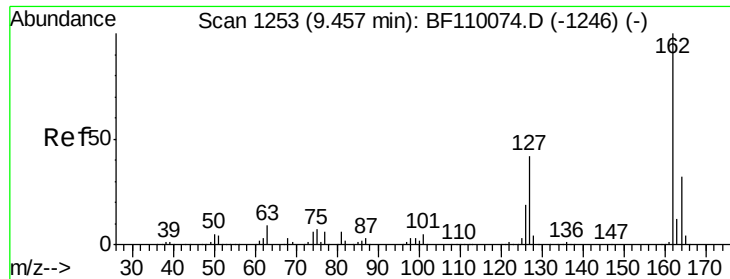
#46
1,1'-Biphenyl
Concen: 5.283 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:154 Resp: 184915
Ion Ratio Lower Upper
154 100
153 41.5 20.4 60.4
76 12.9 0.0 31.9



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

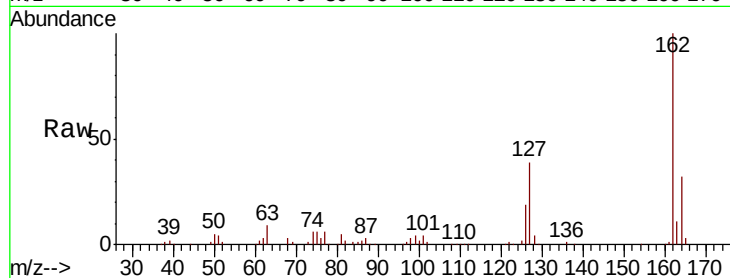




#47
 2-Chloronaphthalene
 Concen: 5.409 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.6	48.8
164	32.1	25.9	38.9

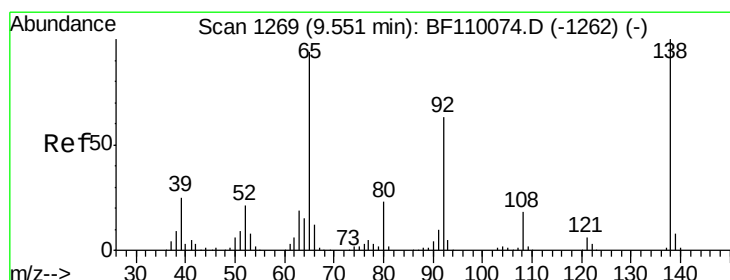
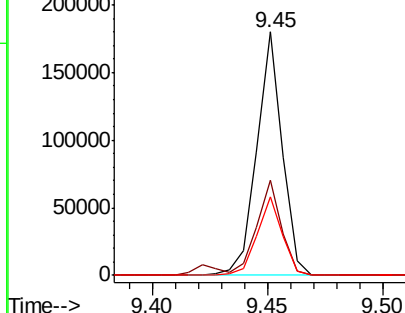
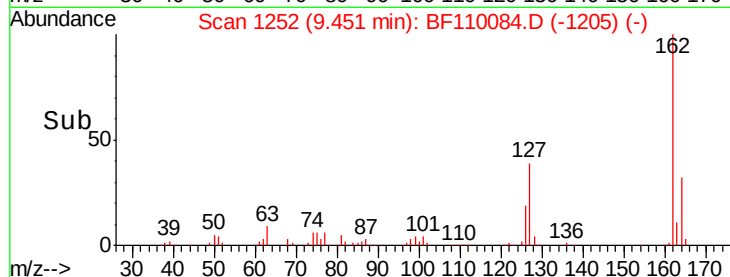


Abundance

Ion 162.00 (161.70 to 162.70): E

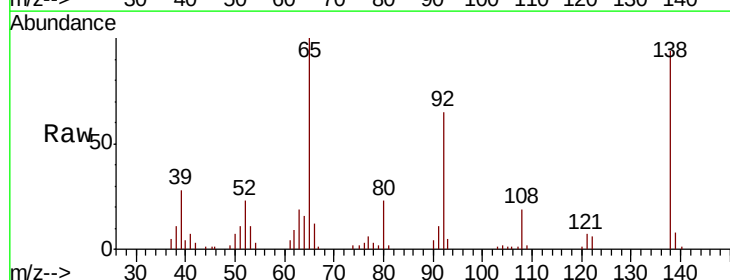
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 5.130 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	54.6	81.8
138	94.0	80.3	120.5

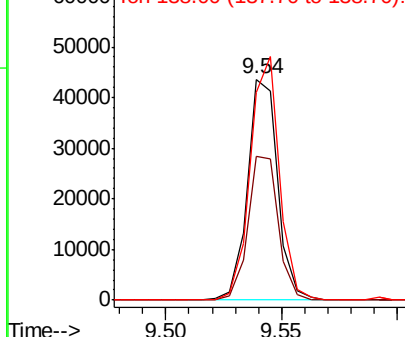
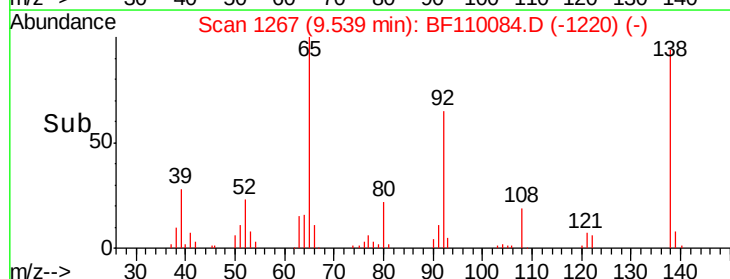


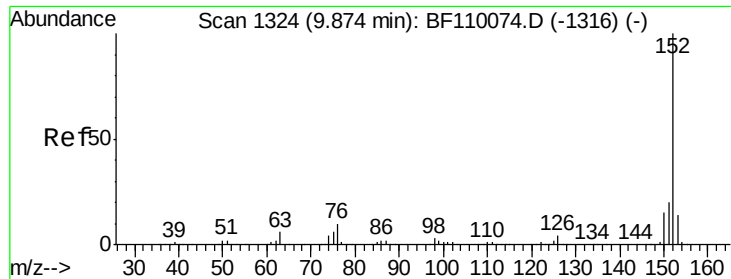
Abundance

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: 5.803 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

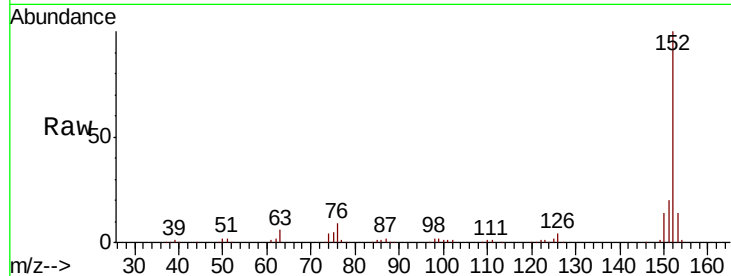
Tot Ion:152 Resp: 215216

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

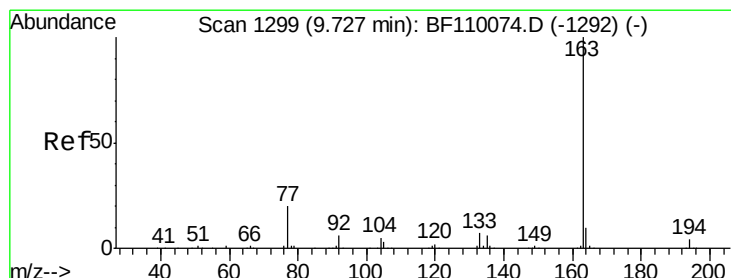
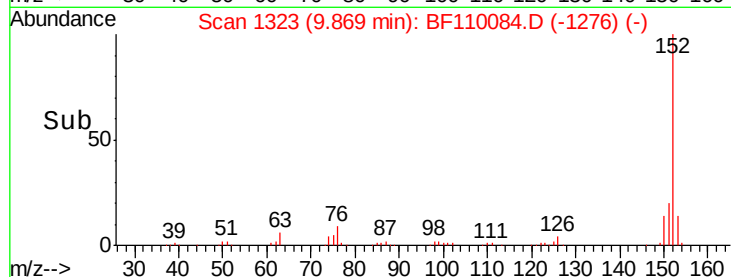
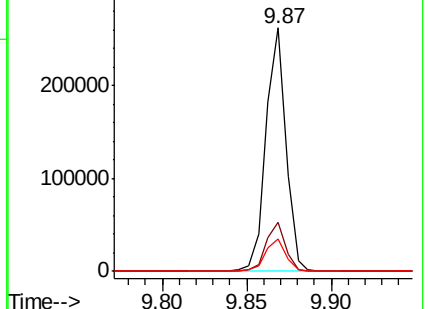
153 13.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 5.641 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

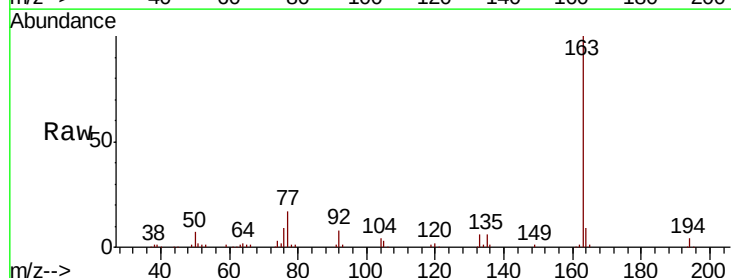
Tgt Ion:163 Resp: 161174

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

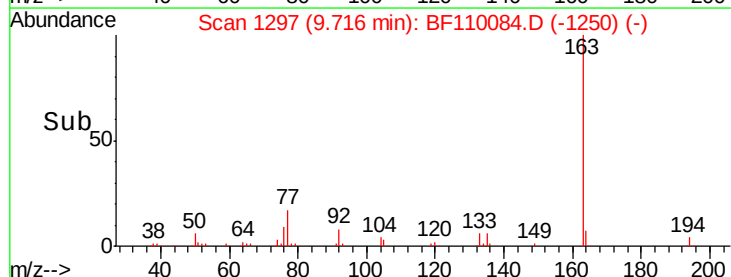
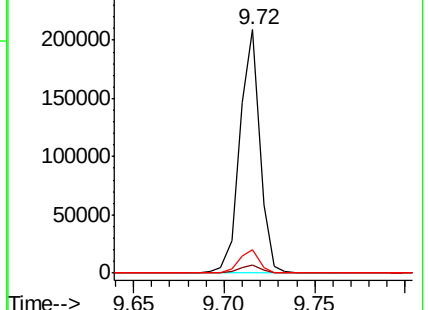
164 9.5 8.1 12.1

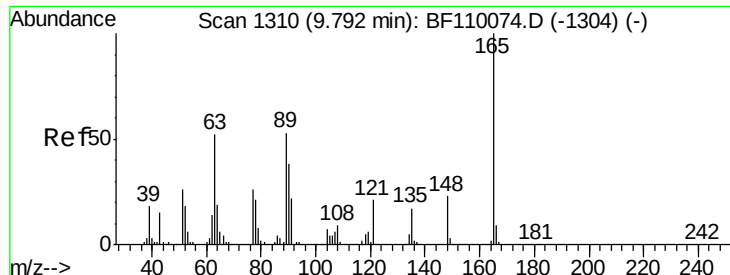


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

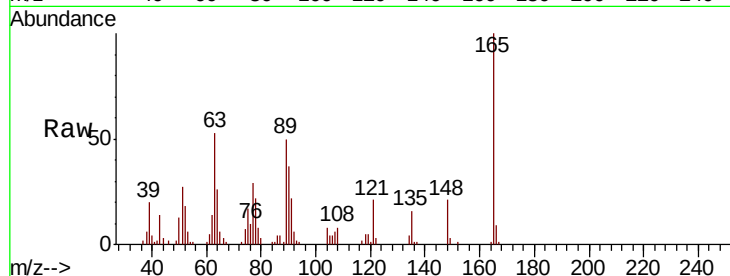




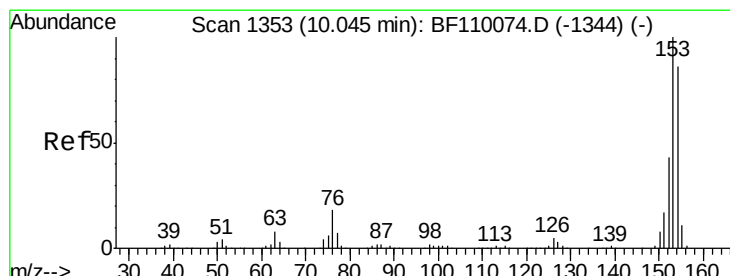
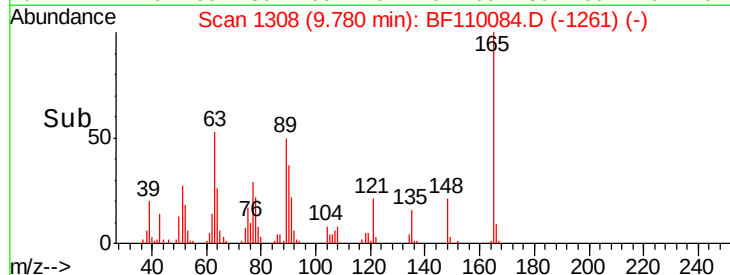
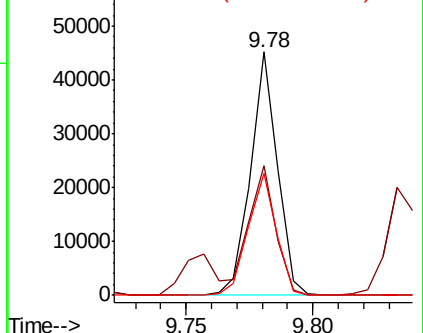
#51
2,6-Dinitrotoluene
Concen: 5.447 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 33526
Ion Ratio Lower Upper
165 100
63 53.4 48.9 73.3
89 49.9 46.6 69.8

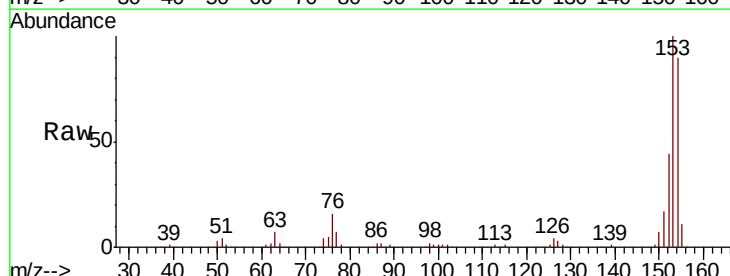


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

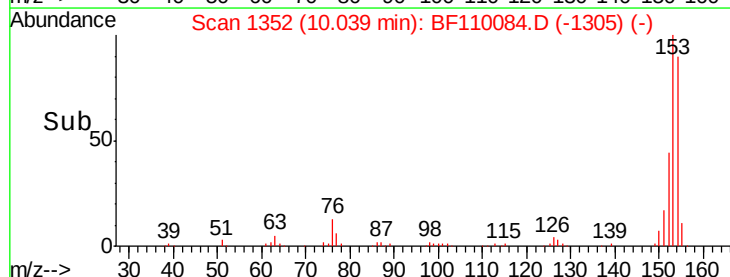
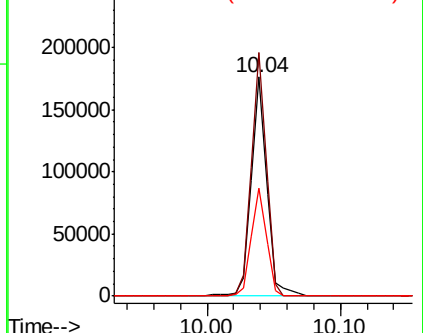


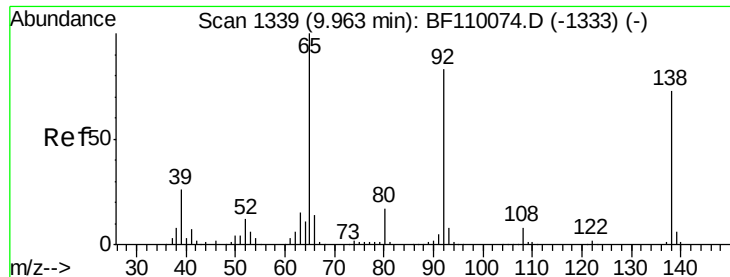
#52
Acenaphthene
Concen: 5.710 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:154 Resp: 140080
Ion Ratio Lower Upper
154 100
153 111.1 90.1 135.1
152 49.2 43.4 65.2



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

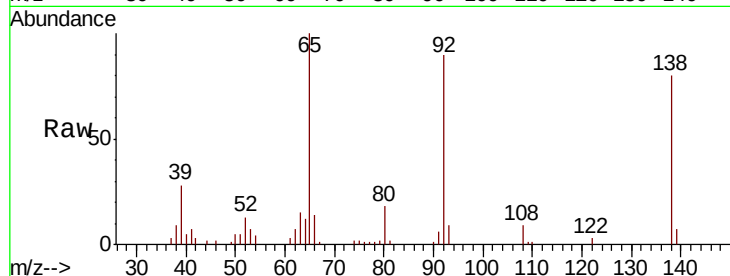




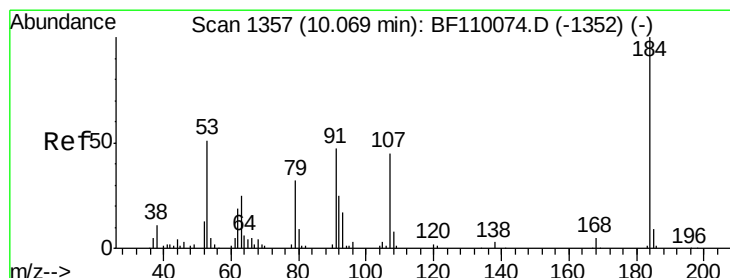
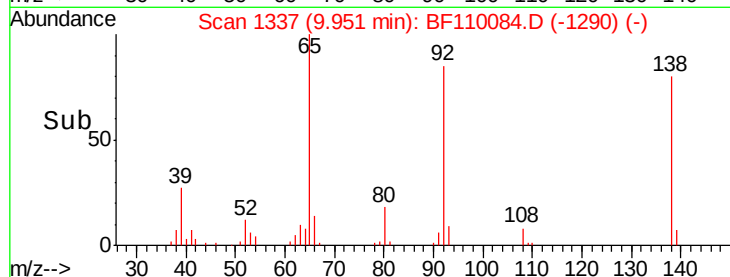
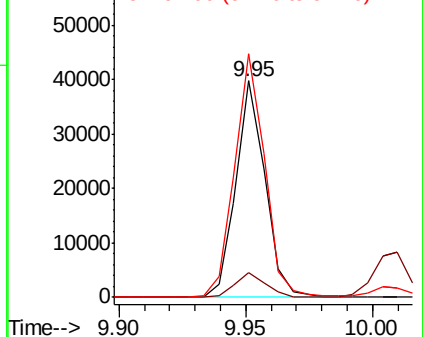
#53
 3-Nitroaniline
 Concen: 4.333 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 31715
 Ion Ratio Lower Upper
 138 100
 108 11.1 8.7 13.1
 92 112.6 97.0 145.4

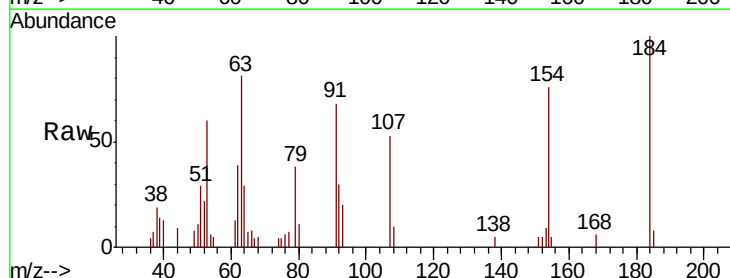


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

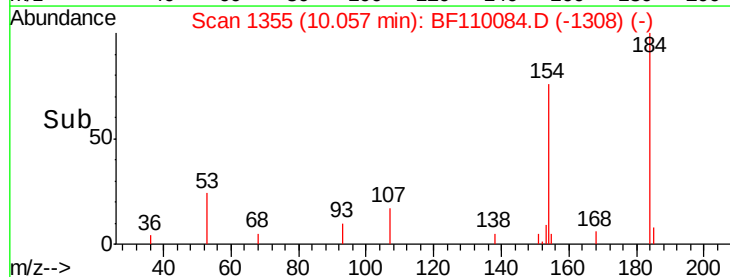
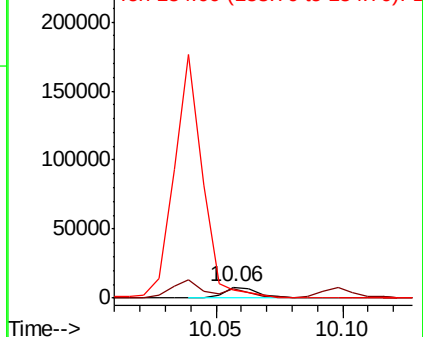


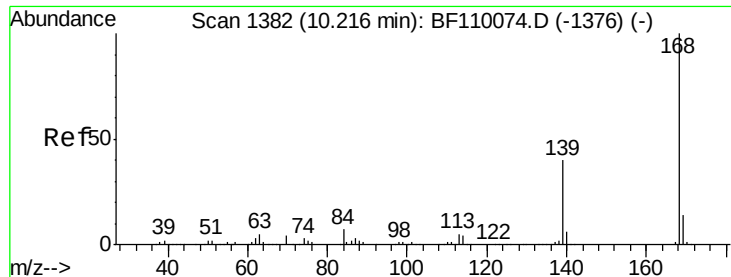
#54
 2,4-Dinitrophenol
 Concen: 8.005 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Tgt Ion:184 Resp: 7390
 Ion Ratio Lower Upper
 184 100
 63 81.4 55.8 83.6
 154 75.7 63.2 94.8



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

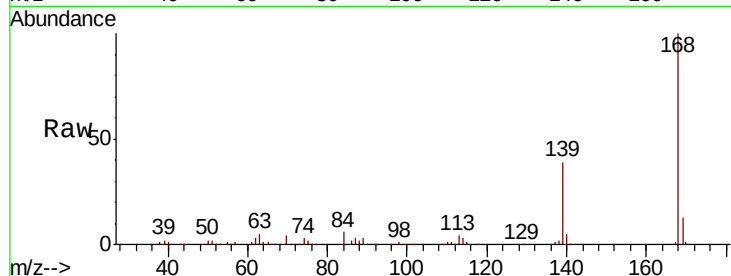




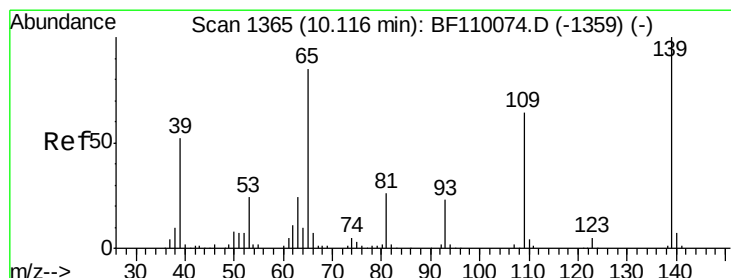
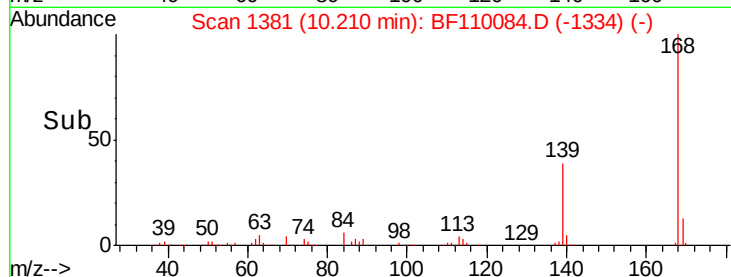
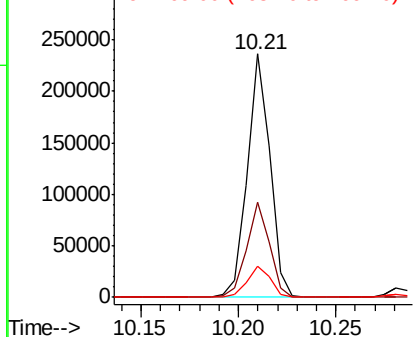
#55
Dibenzenofuran
Concen: 5.539 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 190276
Ion Ratio Lower Upper
168 100
139 39.3 33.0 49.6
169 13.0 11.3 16.9

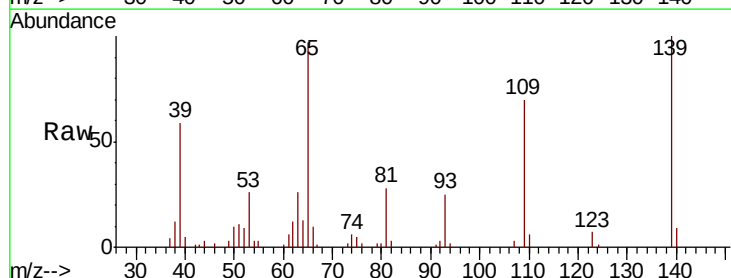


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

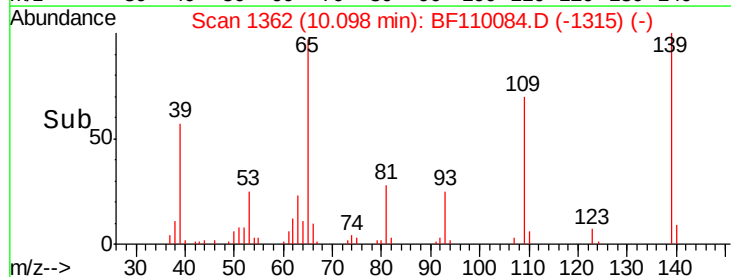
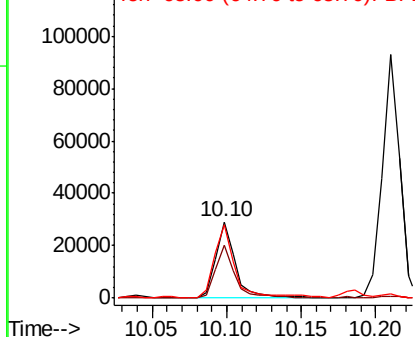


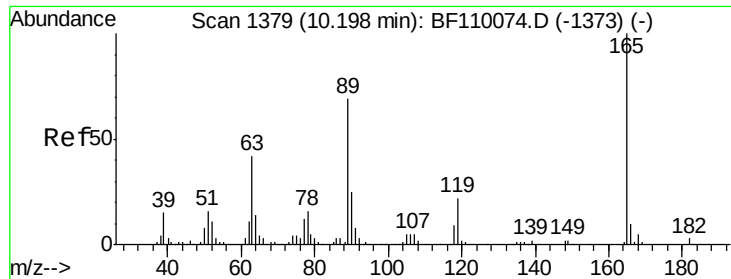
#56
4-Nitrophenol
Concen: 5.040 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:139 Resp: 27300
Ion Ratio Lower Upper
139 100
109 69.6 55.8 95.8
65 96.6 77.9 117.9



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

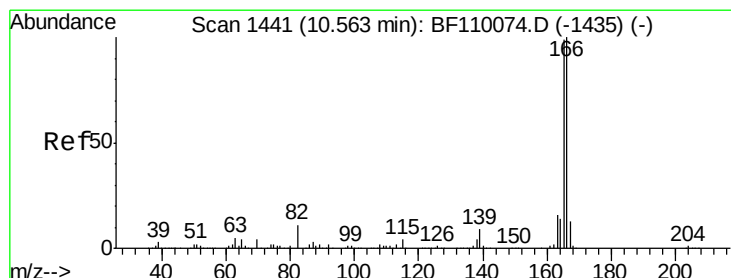
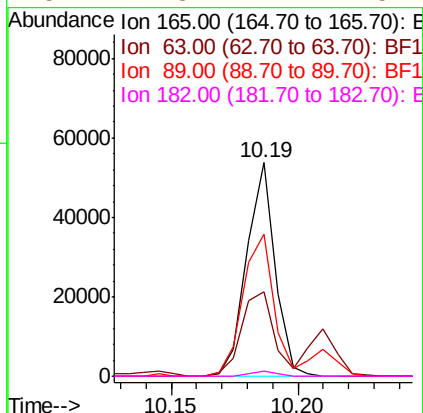
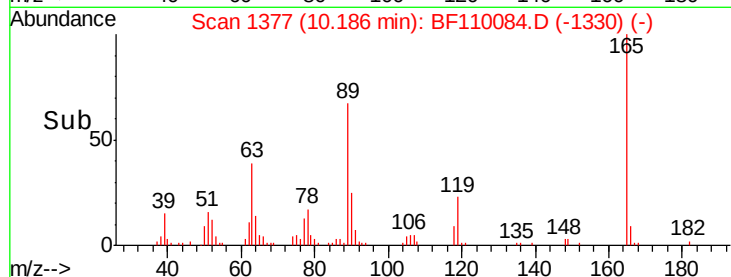
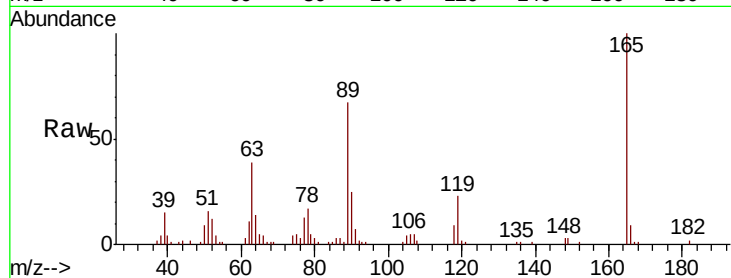




#57
2,4-Dinitrotoluene
Concen: 5.383 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

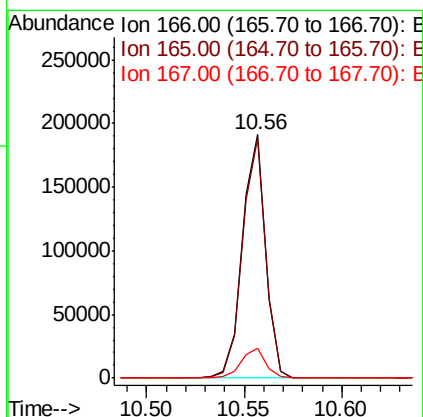
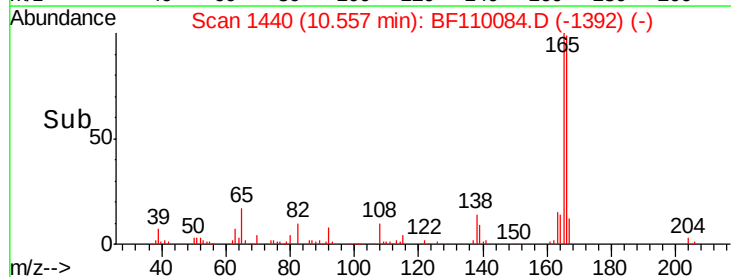
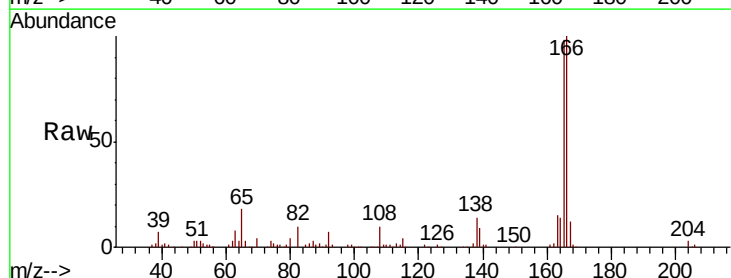
Instrument :
BNA_F
ClientSampleId :

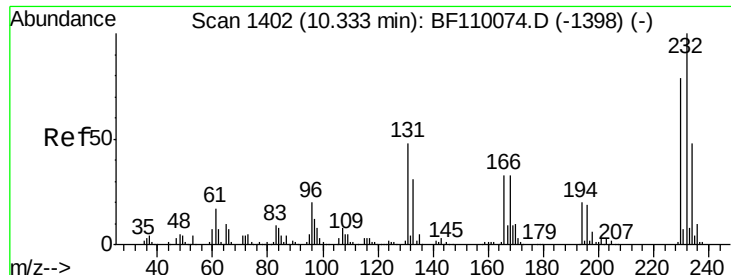
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.3	44.8	67.2#
89	66.6	62.2	93.4
182	2.3	2.1	3.1



#58
Fluorene
Concen: 6.126 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	12.3	10.8	16.2

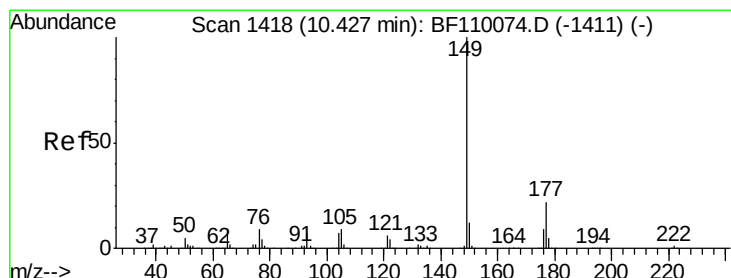
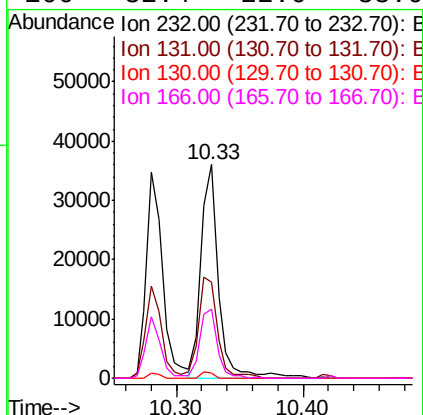
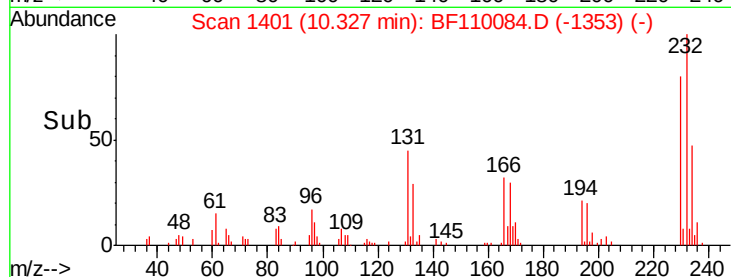
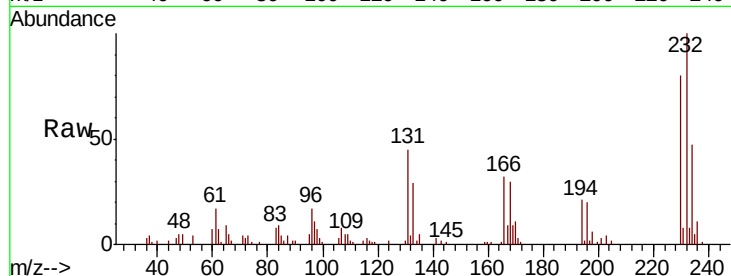




#59
2,3,4,6-Tetrachlorophenol
Concen: 5.192 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

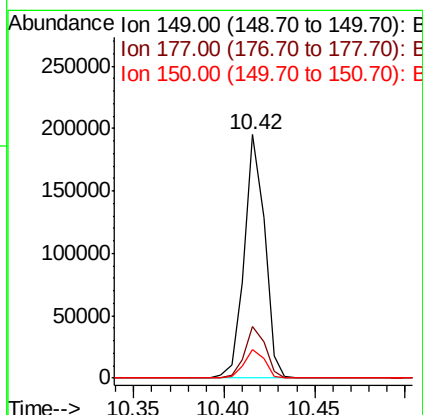
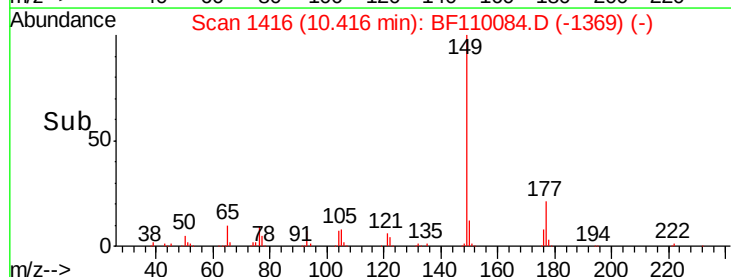
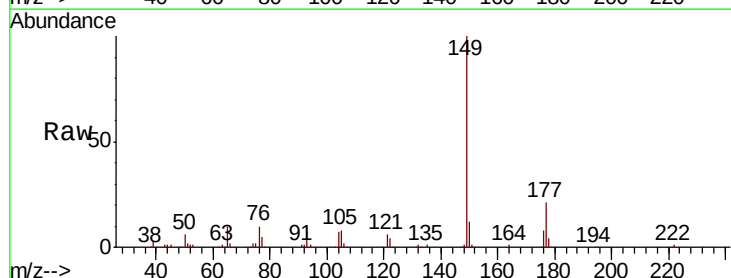
Instrument :
BNA_F
ClientSampled :

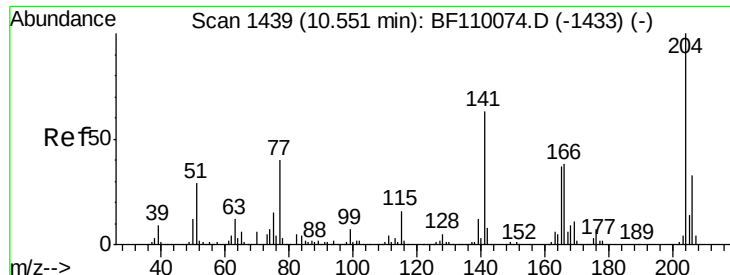
Tot Ion:232 Resp: 34799
Ion Ratio Lower Upper
232 100
131 50.4 37.0 55.4
130 1.8 1.8 2.6
166 32.4 22.0 33.0



#60
Diethylphthalate
Concen: 5.478 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:149 Resp: 152795
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 11.5 9.8 14.8

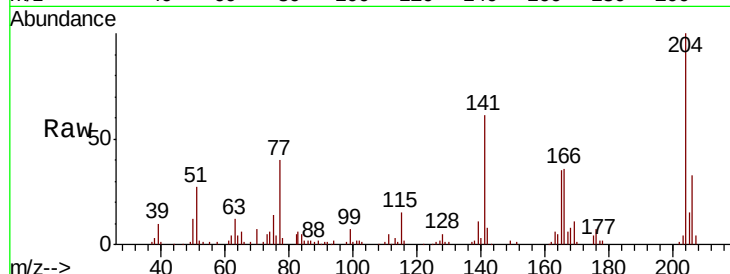




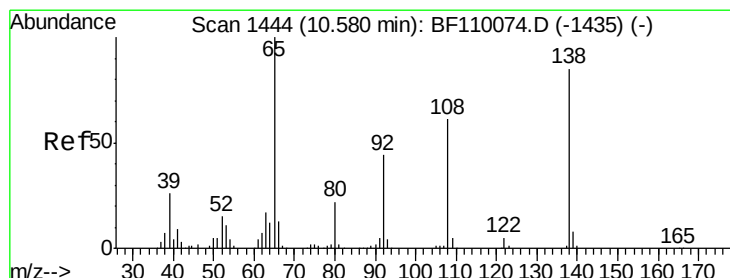
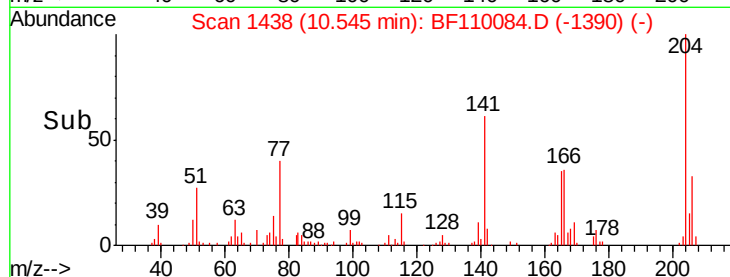
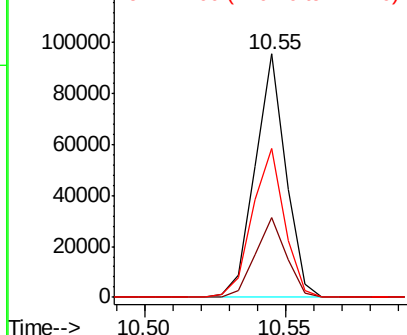
#61
4-Chlorophenyl-phenylether
Concen: 5.353 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 72188
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 61.0 51.8 77.8

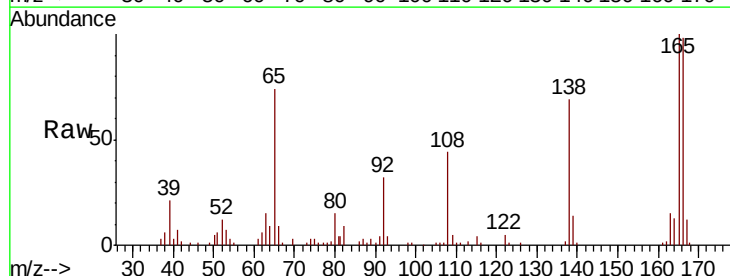


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

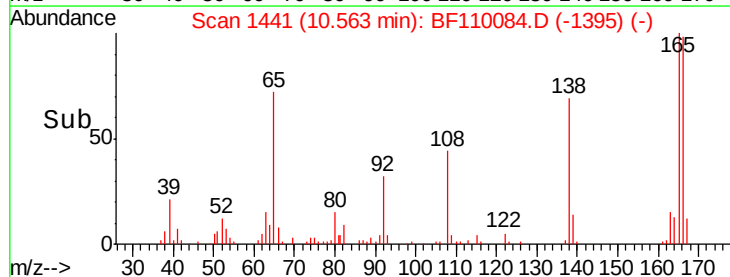
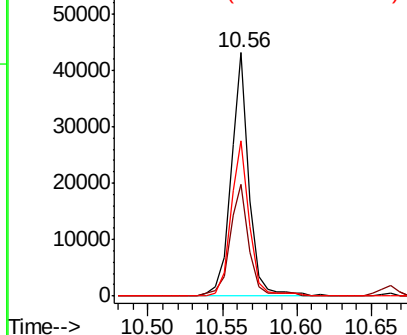


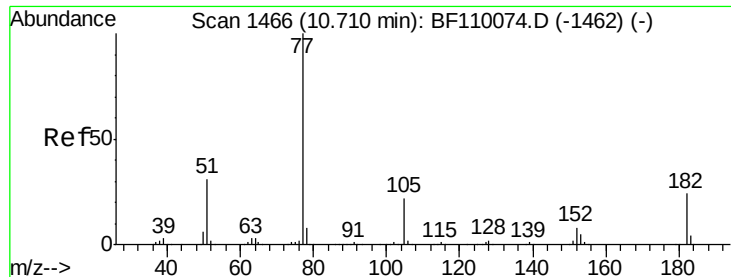
#62
4-Nitroaniline
Concen: 5.003 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:138 Resp: 36421
Ion Ratio Lower Upper
138 100
92 46.0 31.7 71.7
108 63.6 59.3 99.3



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

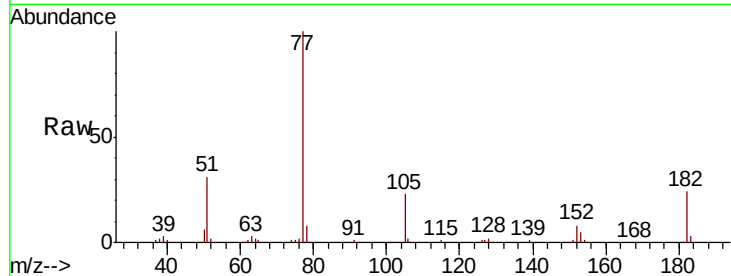




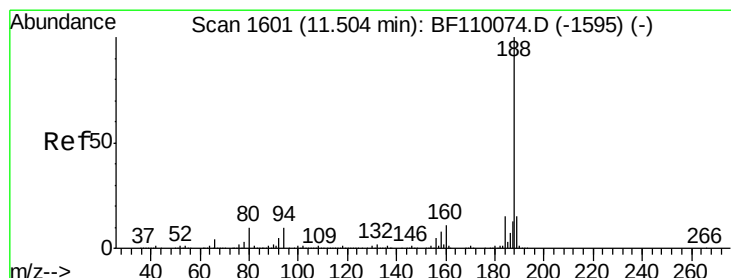
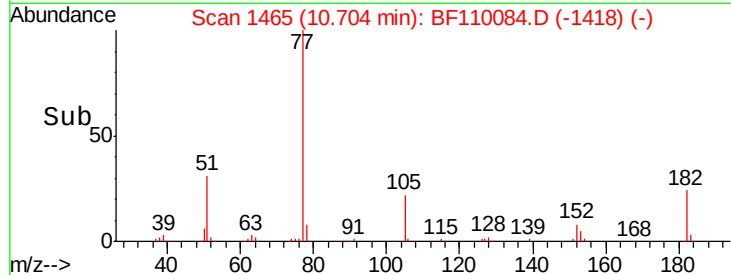
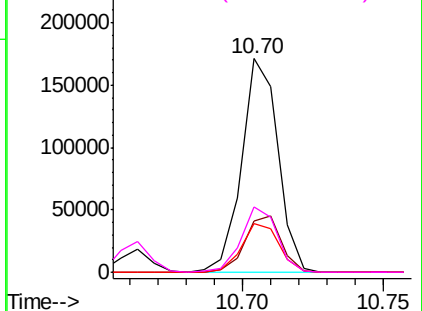
#63
Azobenzene
Concen: 5.520 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:	77	Resp:	152837
Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.3	44.3
105	22.9	1.3	41.3
51	30.8	9.0	49.0

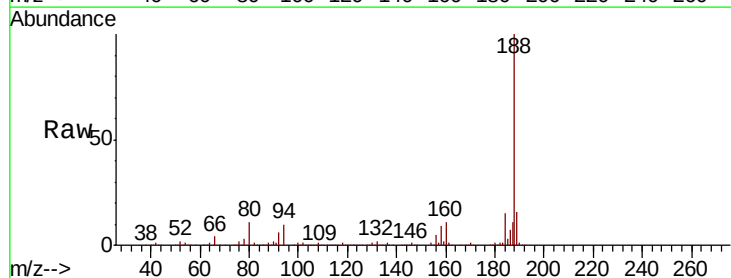


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

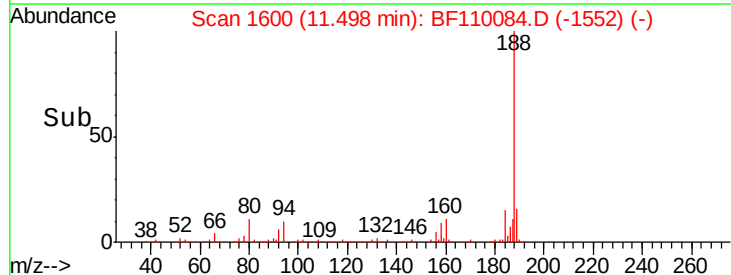
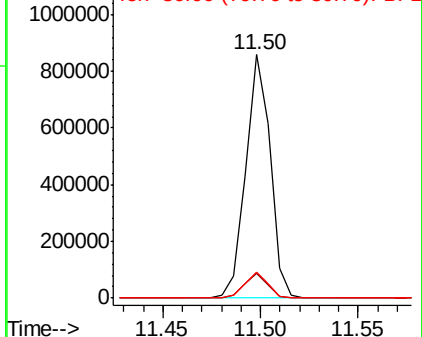


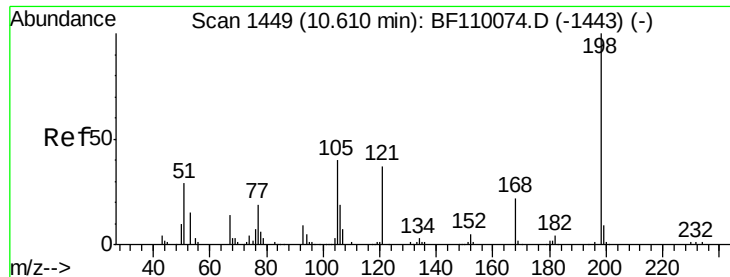
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:	188	Resp:	745950
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.9	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

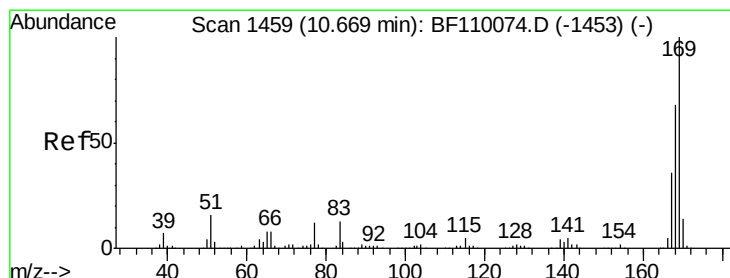
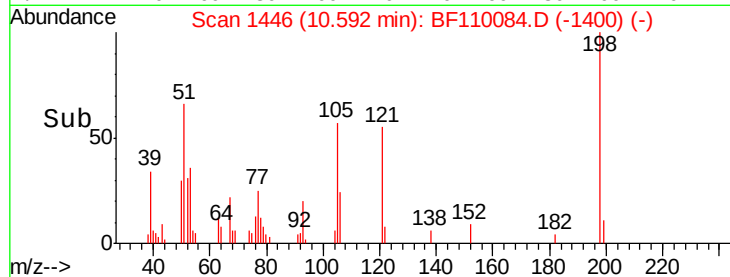
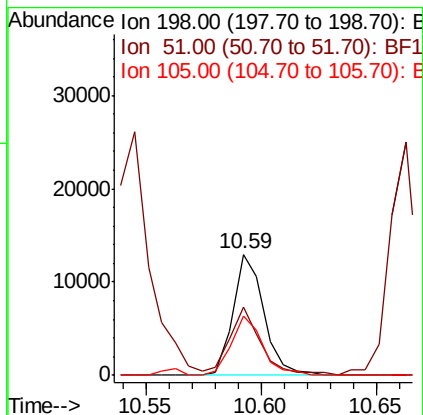
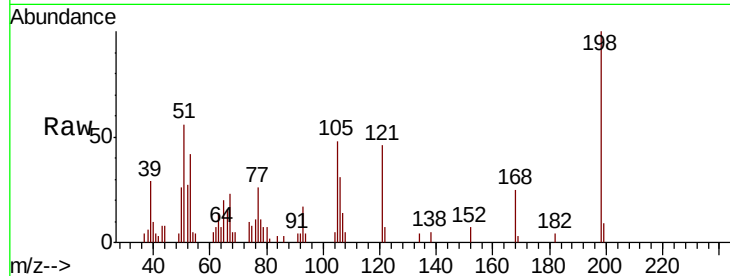




#65
4,6-Dinitro-2-methylphenol
Concen: 3.540 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.03 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

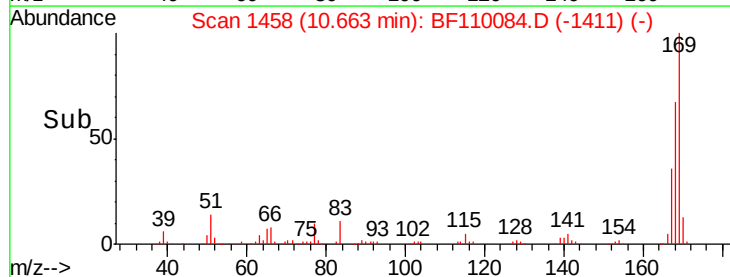
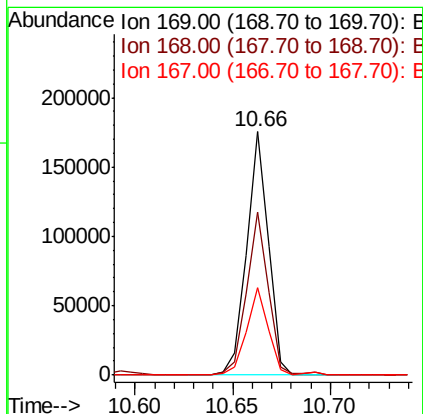
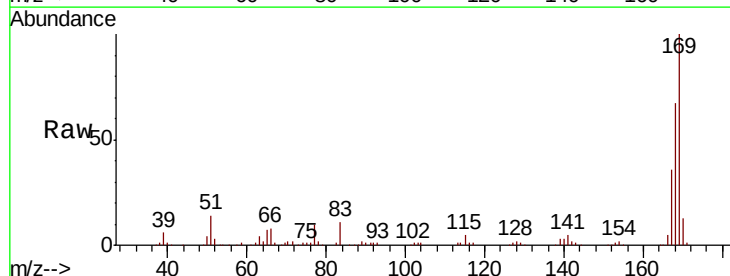
Instrument :
BNA_F
ClientSampled :

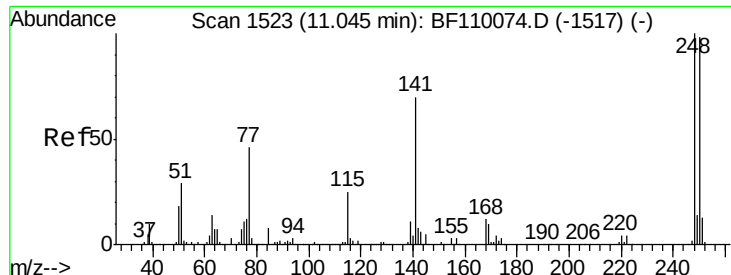
Tot Ion:198 Resp: 12065
Ion Ratio Lower Upper
198 100
51 56.3 22.8 62.8
105 48.4 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 5.530 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:169 Resp: 135299
Ion Ratio Lower Upper
169 100
168 67.2 51.2 76.8
167 35.9 27.8 41.6

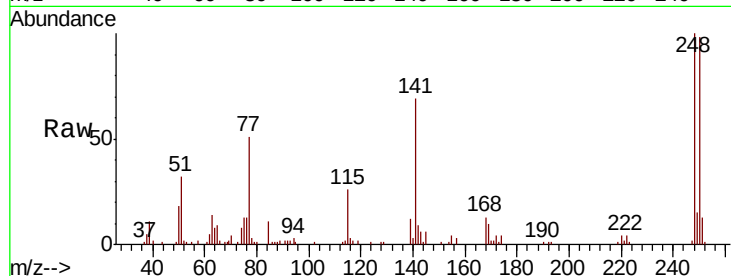




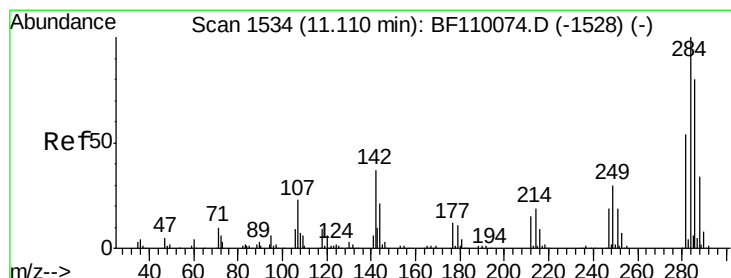
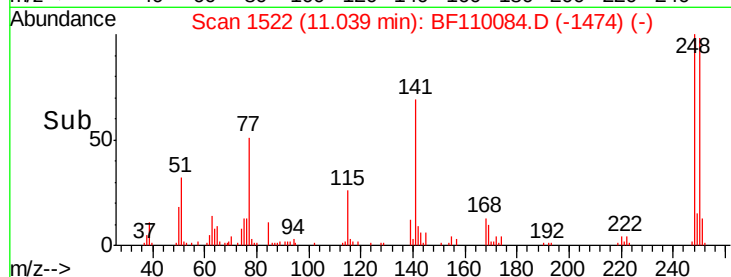
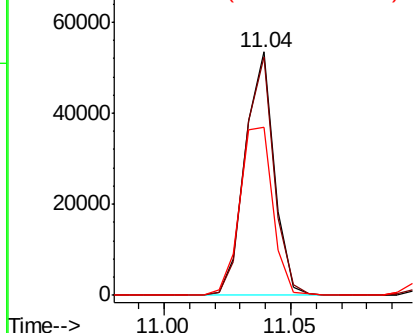
#67
 4-Bromophenyl-phenylether
 Concen: 5.279 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 42713
 Ion Ratio Lower Upper
 248 100
 250 98.1 79.4 119.2
 141 69.2 55.9 83.9

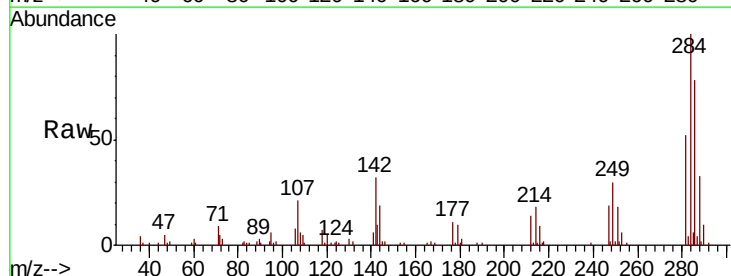


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

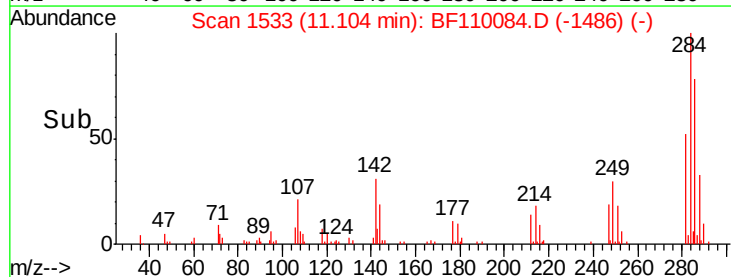
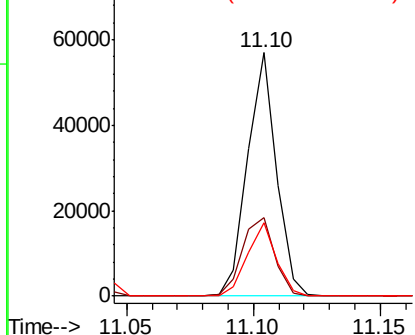


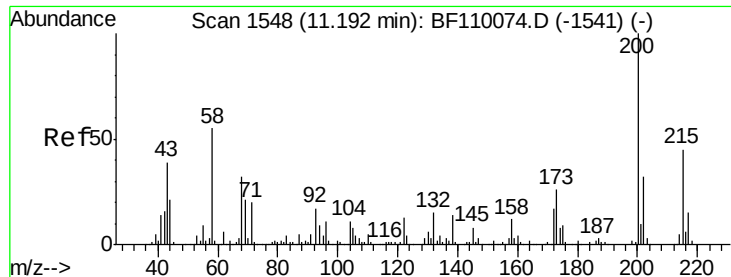
#68
 Hexachlorobenzene
 Concen: 5.289 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.02 min
 Lab File: BF110084.D
 Acq: 23 Oct 2018 18:19

Tgt Ion:284 Resp: 45404
 Ion Ratio Lower Upper
 284 100
 142 32.0 23.9 35.9
 249 30.3 24.2 36.2



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

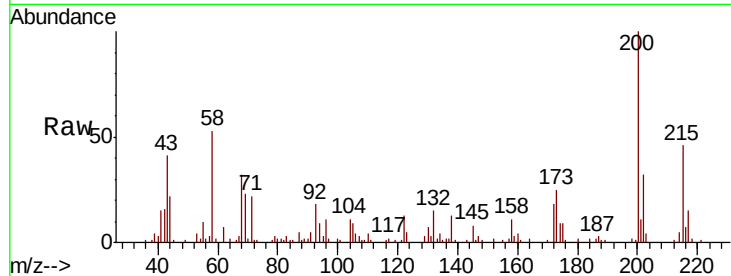




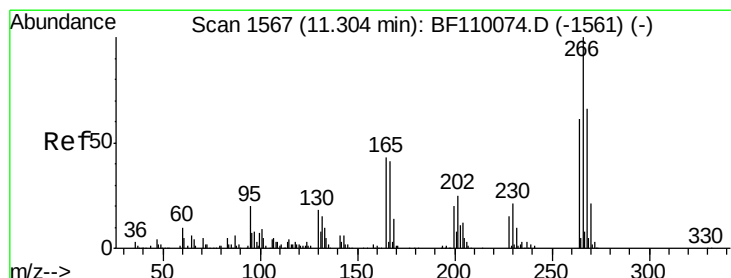
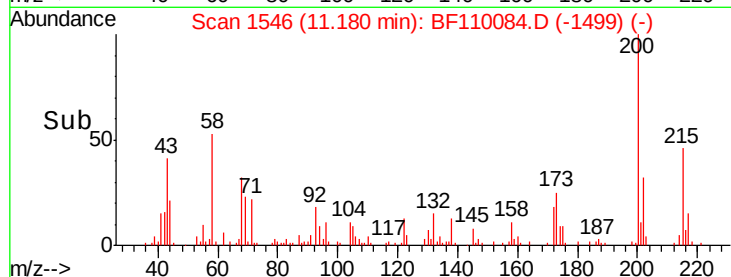
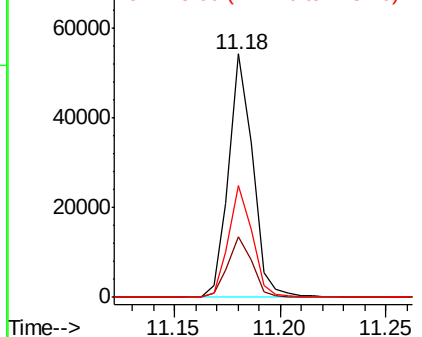
#69
Atrazine
Concen: 5.538 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 42819
Ion Ratio Lower Upper
200 100
173 25.0 6.6 46.6
215 46.1 26.3 66.3

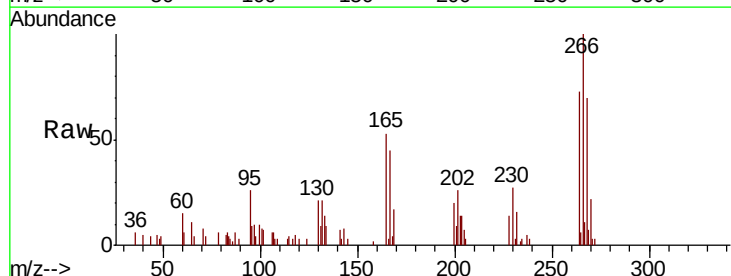


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

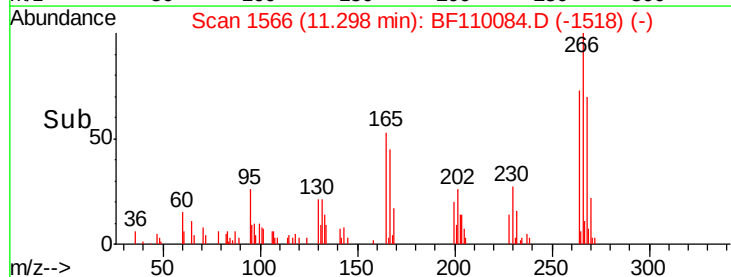
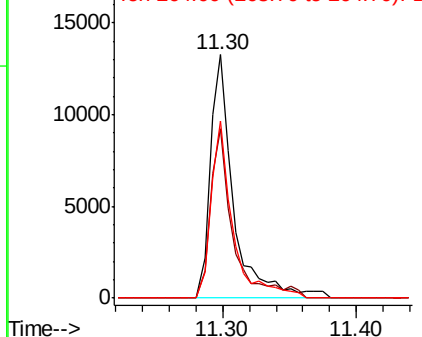


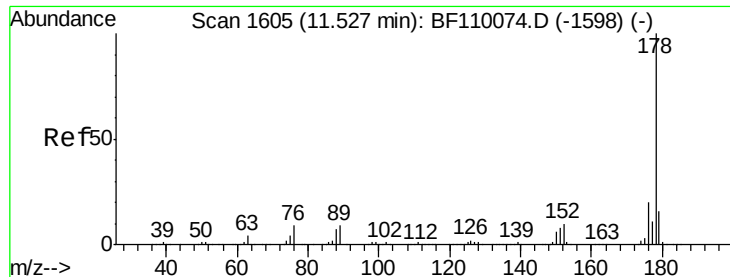
#70
Pentachlorophenol
Concen: 3.224 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:266 Resp: 16141
Ion Ratio Lower Upper
266 100
268 69.6 50.6 75.8
264 72.9 50.6 75.8



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

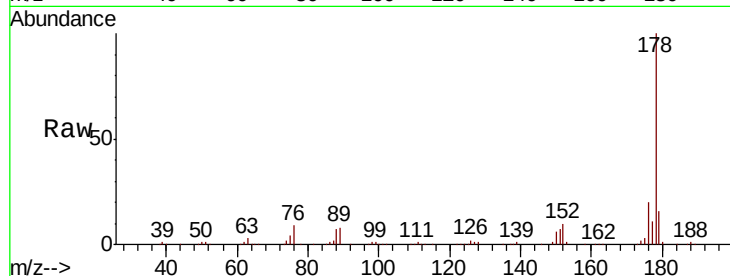




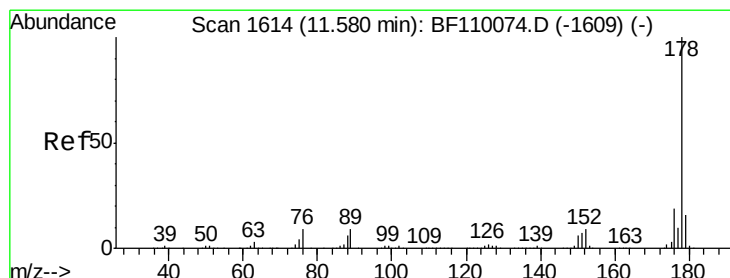
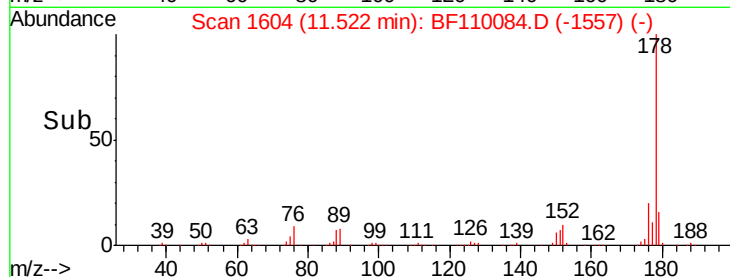
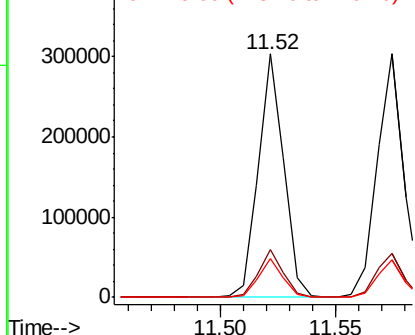
#71
Phenanthrene
Concen: 6.005 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 234371
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.5 18.7

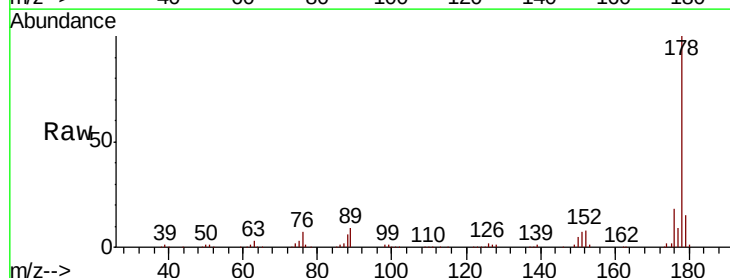


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

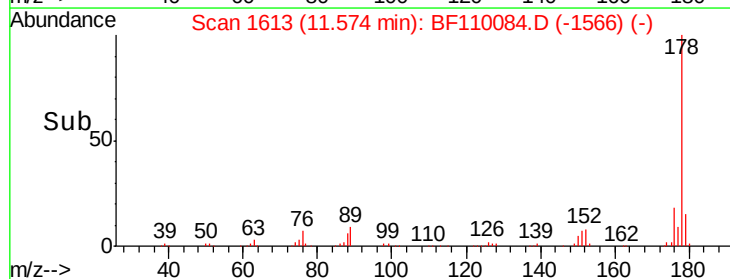
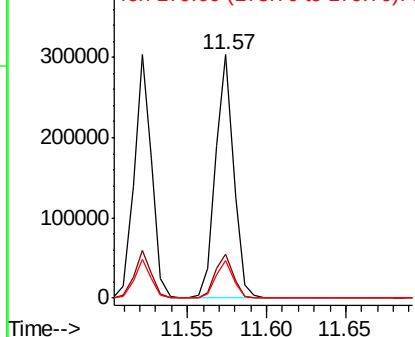


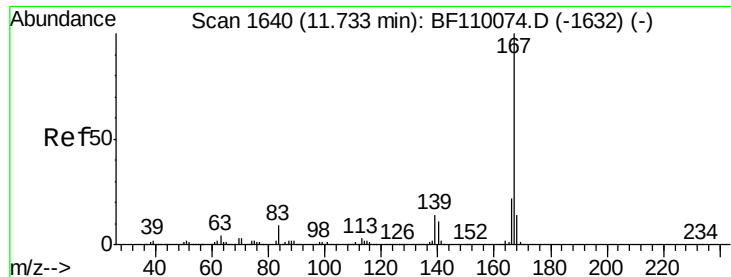
#72
Anthracene
Concen: 6.171 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:178 Resp: 241424
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.2 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





#73

Carbazole

Concen: 5.462 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

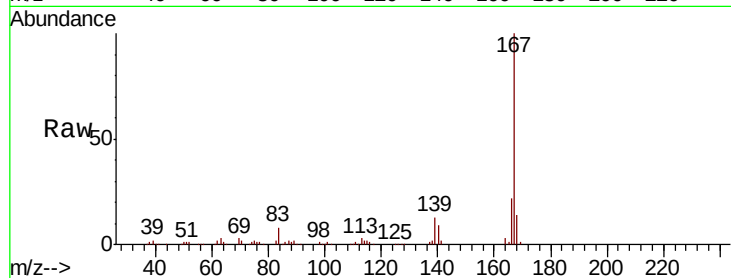
Tot Ion:167 Resp: 208663

Ion Ratio Lower Upper

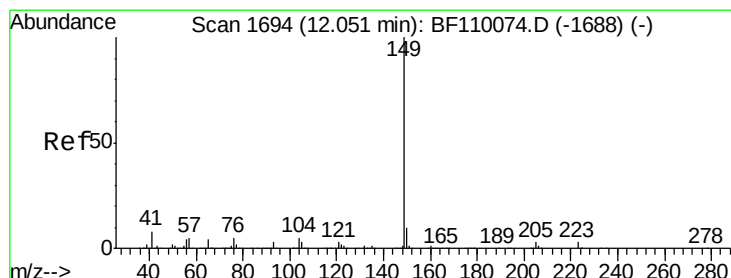
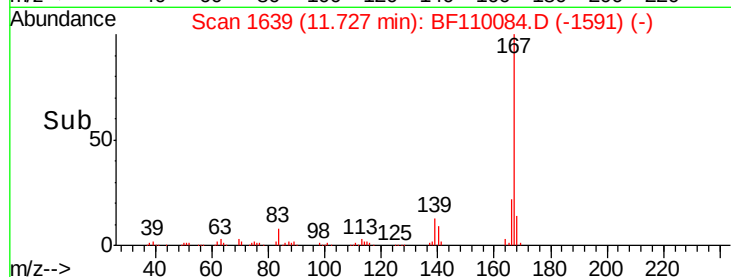
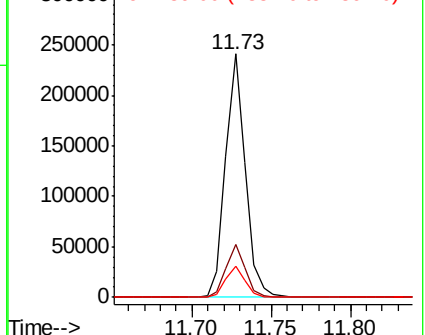
167 100

166 21.5 17.4 26.0

139 12.8 10.9 16.3



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



#74

Di-n-butylphthalate

Concen: 5.654 ng

RT: 12.05 min Scan# 1693

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

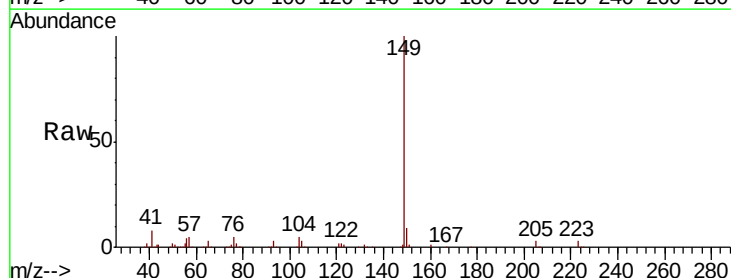
Tgt Ion:149 Resp: 243928

Ion Ratio Lower Upper

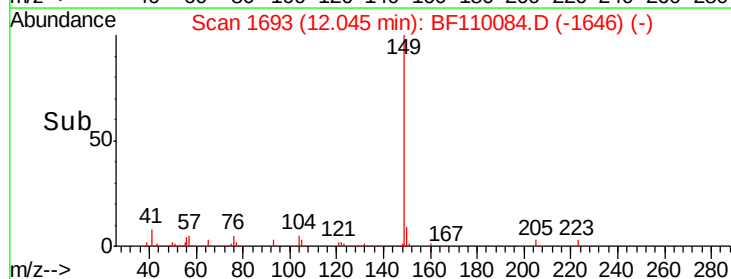
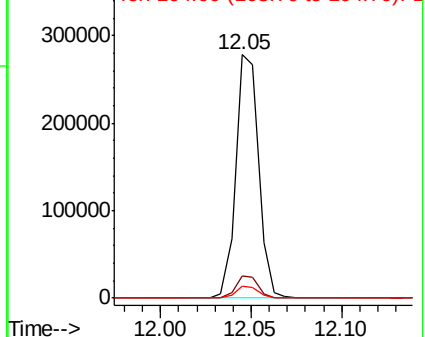
149 100

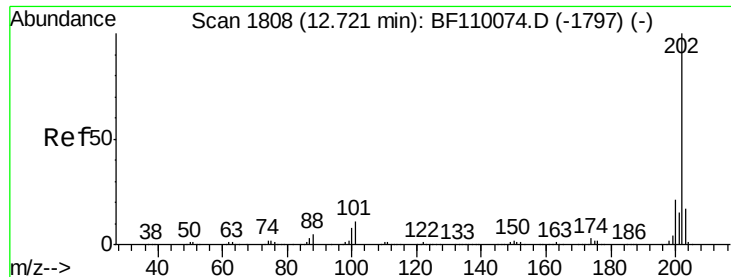
150 9.1 7.7 11.5

104 4.7 4.2 6.4



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

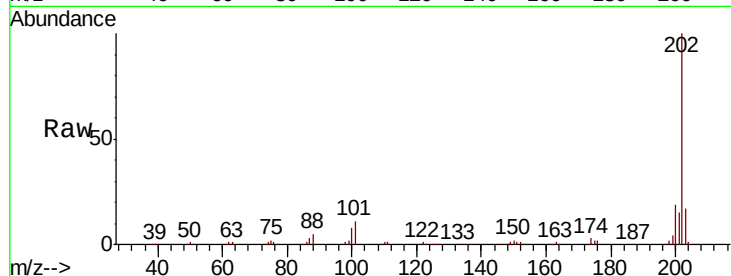




#75
Fluoranthene
Concen: 6.066 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.4
203	17.3	0.0	37.7

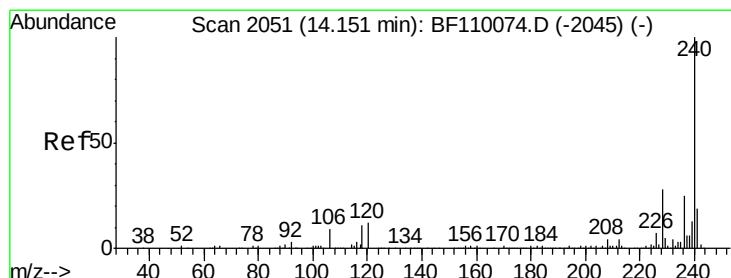
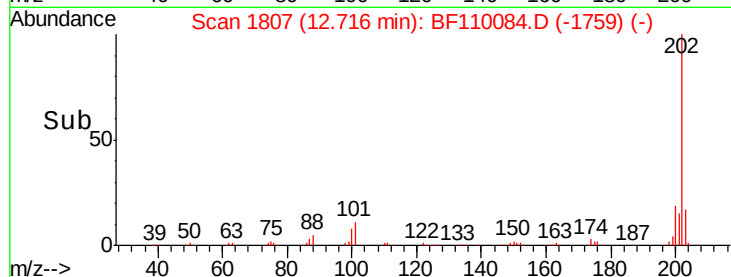
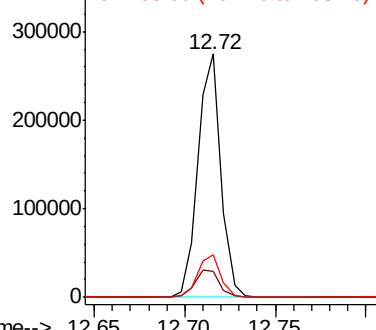


Abundance

Ion 202.00 (201.70 to 202.70): E

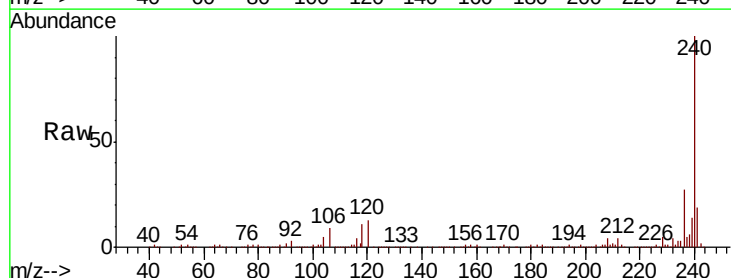
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	26.5	21.2	31.8

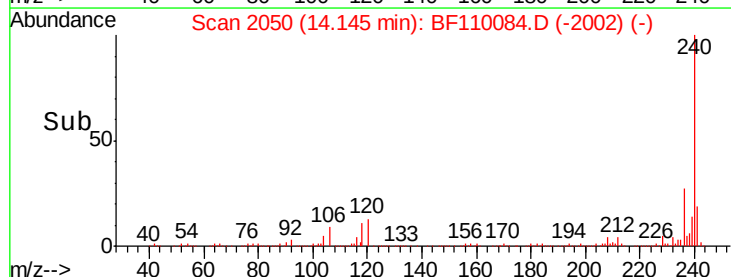
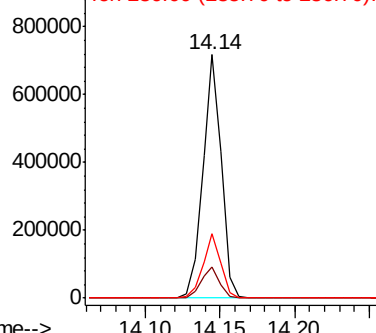


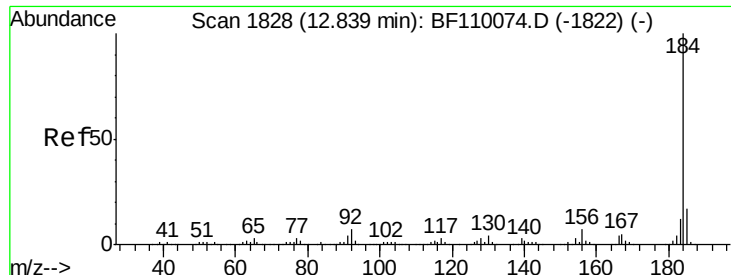
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

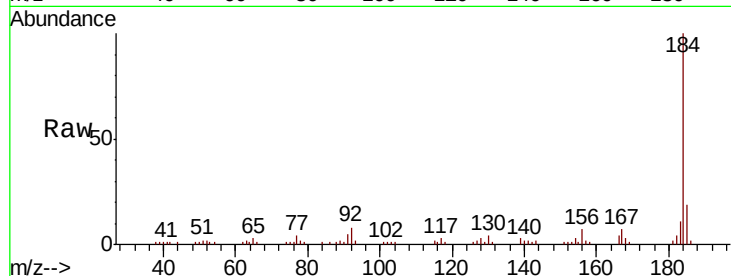




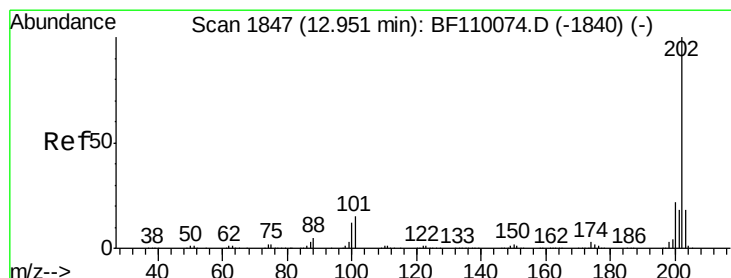
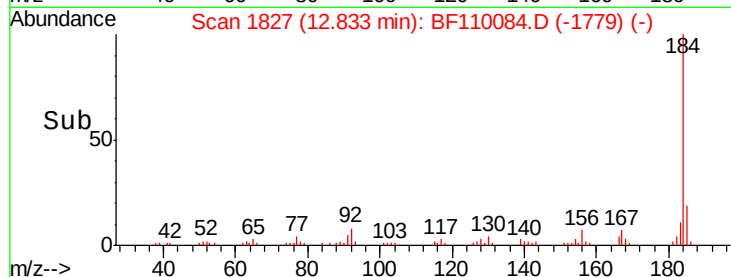
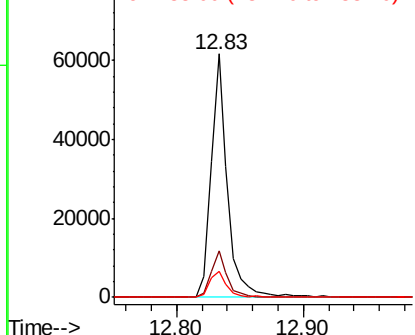
#77
Benzidine
Concen: 2.142 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 55694
Ion Ratio Lower Upper
184 100
185 19.2 13.4 20.2
183 10.8 9.4 14.2

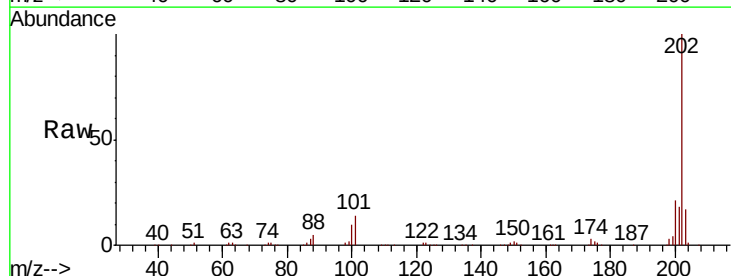


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

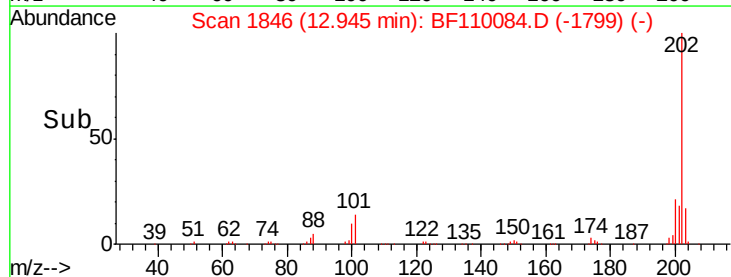
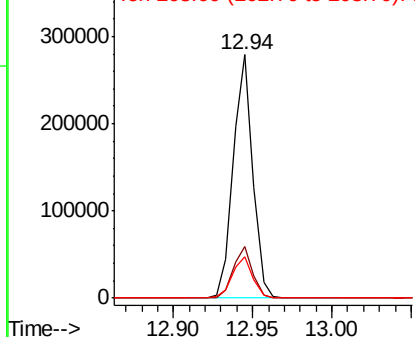


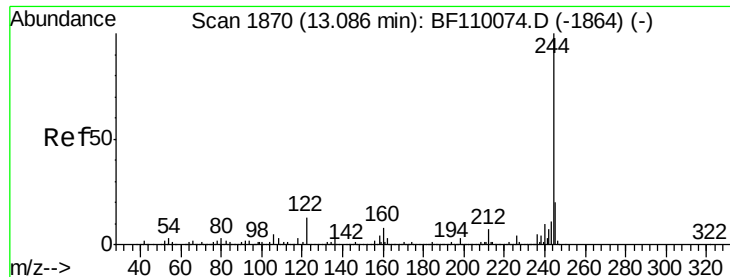
#78
Pyrene
Concen: 5.306 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:202 Resp: 237938
Ion Ratio Lower Upper
202 100
200 21.2 17.8 26.6
203 17.0 14.2 21.4



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: 68.190 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

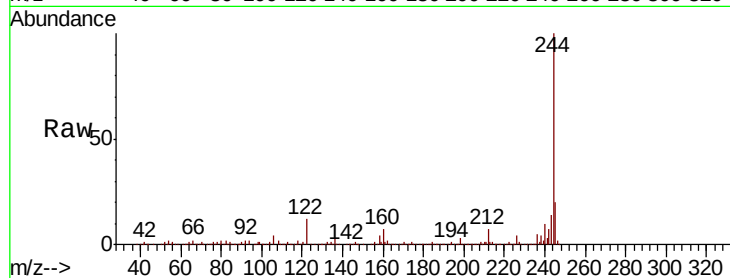
Tot Ion:244 Resp: 2050890

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

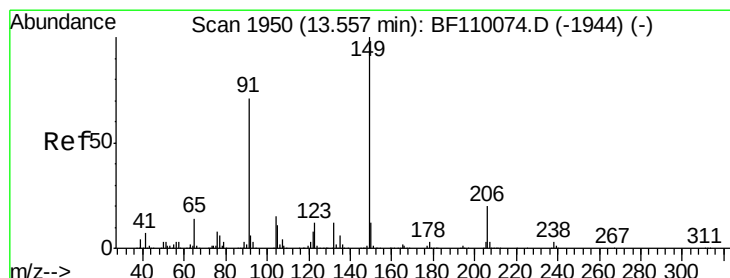
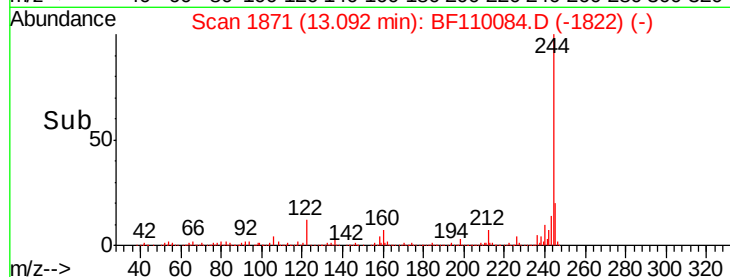
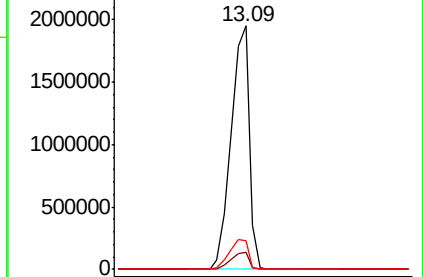
122 11.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 4.918 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

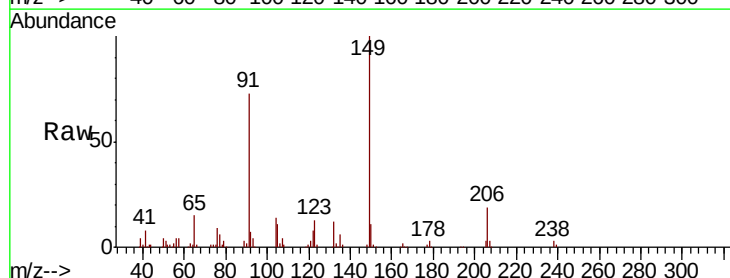
Tgt Ion:149 Resp: 95721

Ion Ratio Lower Upper

149 100

91 73.2 57.2 85.8

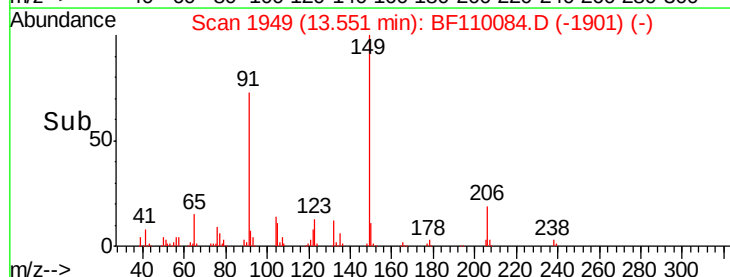
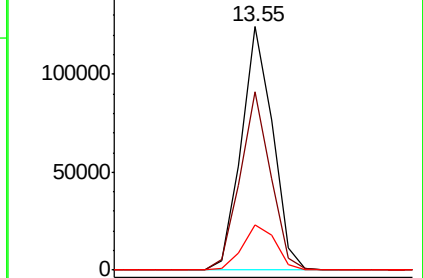
206 18.7 15.7 23.5

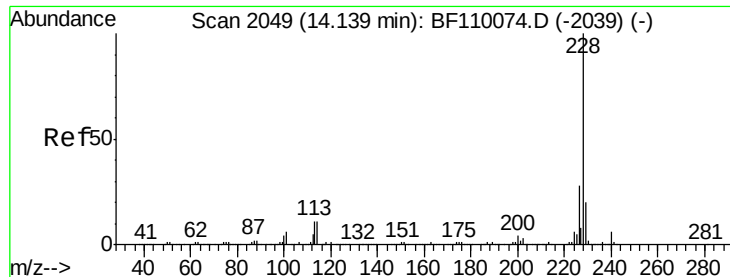


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 5.675 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110084.D

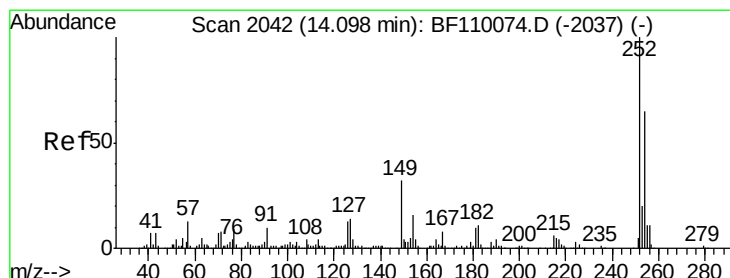
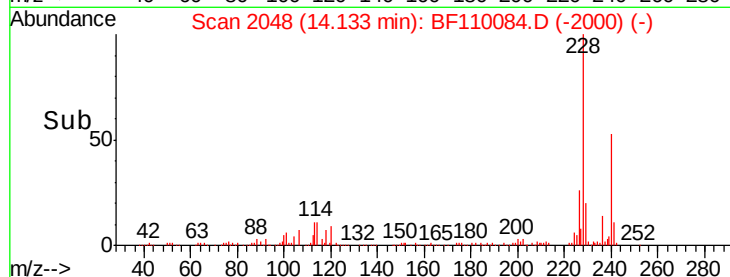
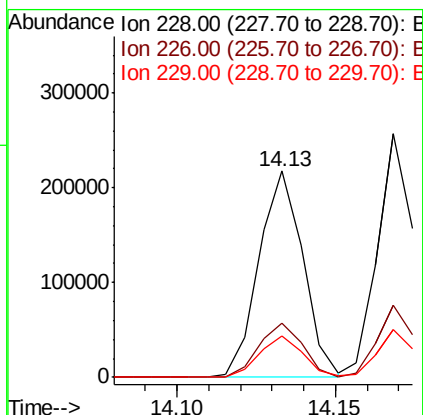
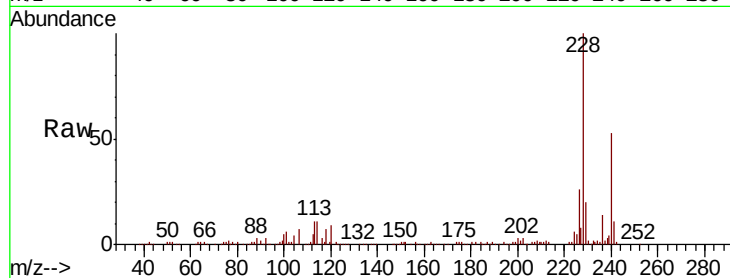
Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	228	Resp:	210507
Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.1	33.1
229	19.9	15.6	23.4



#82

3,3'-Dichlorobenzidine

Concen: 4.173 ng

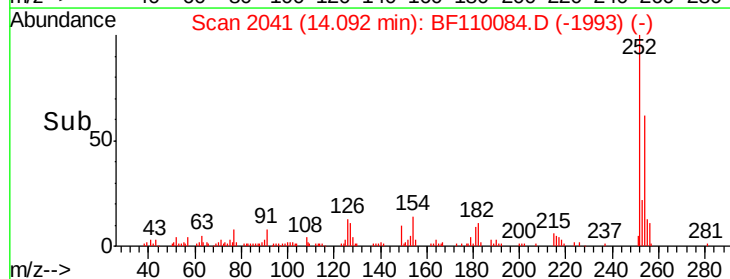
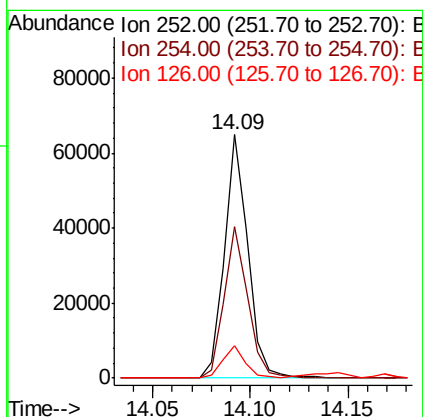
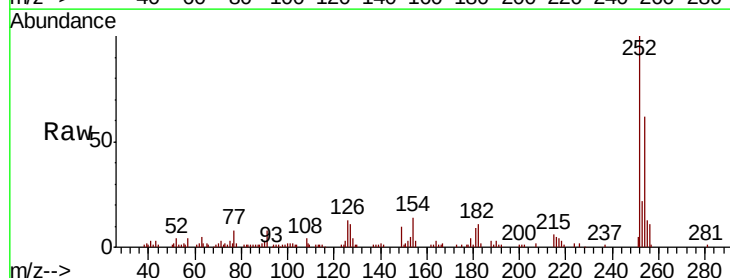
RT: 14.09 min Scan# 2041

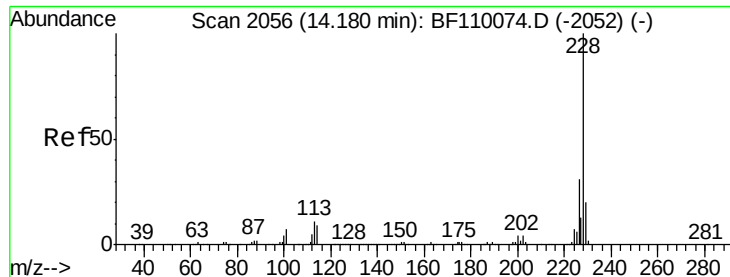
Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Tgt Ion:	252	Resp:	53894
Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.3	76.9
126	13.4	9.4	14.2





#83

Chrysene

Concen: 5.790 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

Instrument :

BNA_F

ClientSampleId :

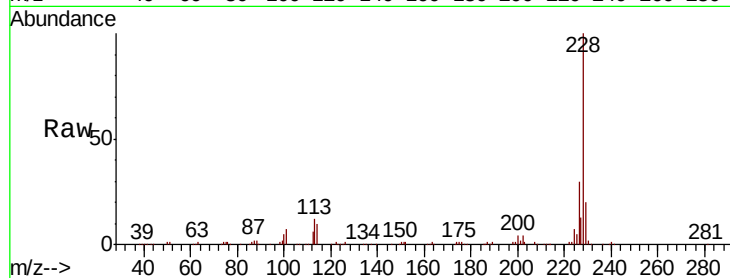
Tot Ion:228 Resp: 203973

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

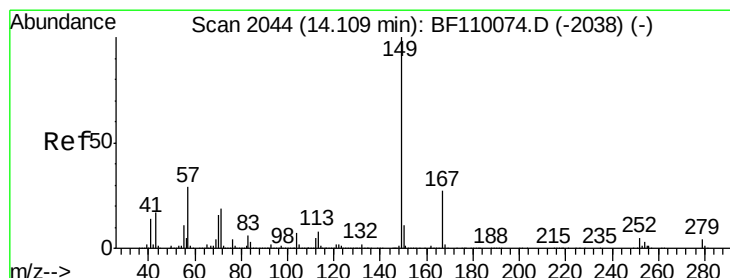
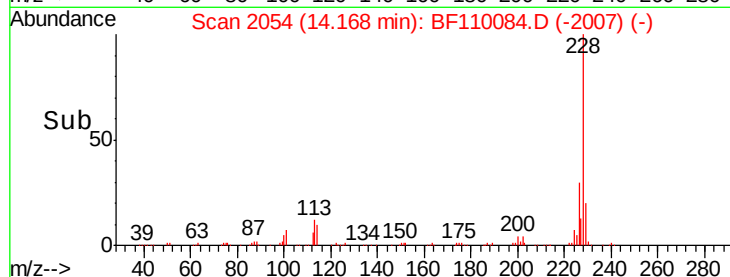
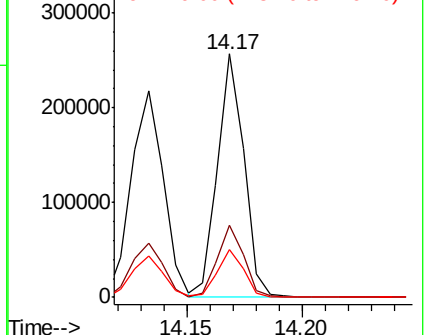
229 19.7 15.9 23.9



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: 5.351 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110084.D

Acq: 23 Oct 2018 18:19

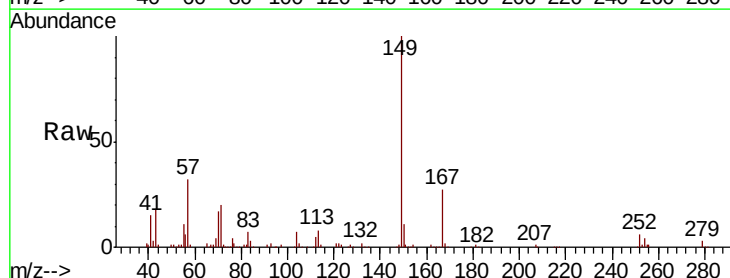
Tgt Ion:149 Resp: 140788

Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

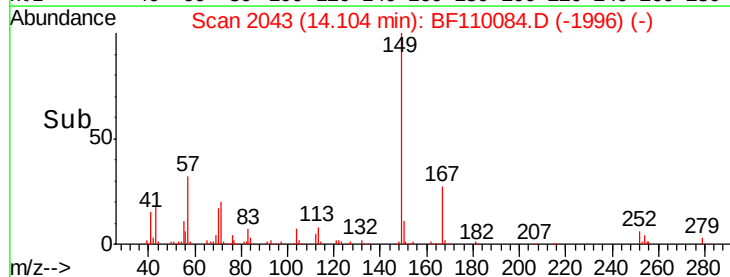
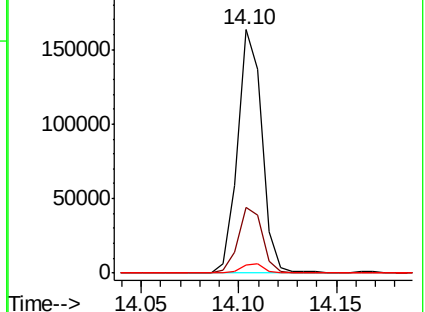
279 3.2 2.7 4.1

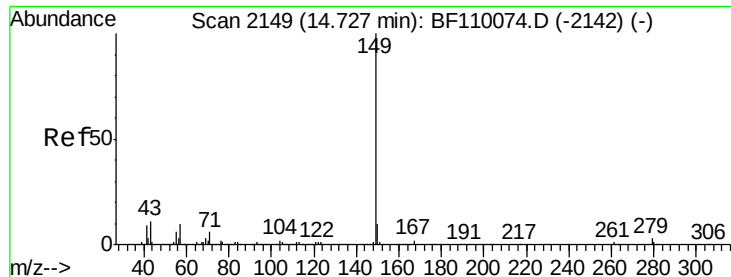


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

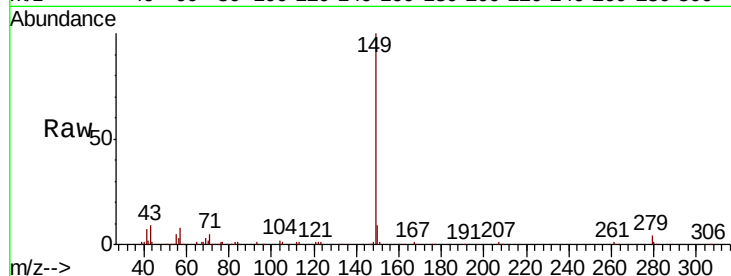




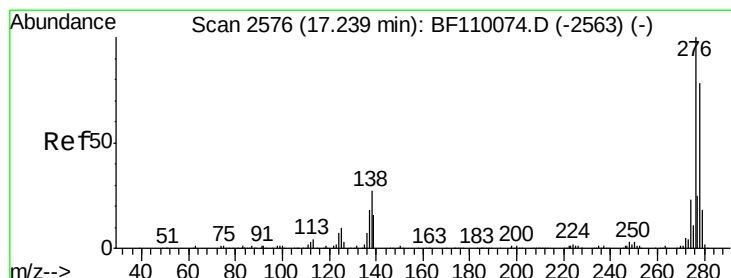
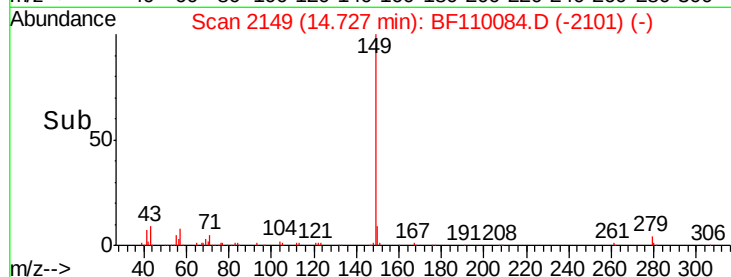
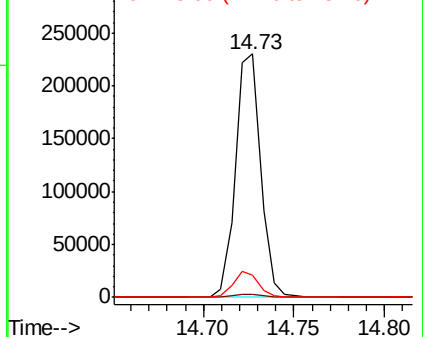
#85
Di-n-octyl phthalate
Concen: 5.445 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 222748
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.6 7.8 11.8

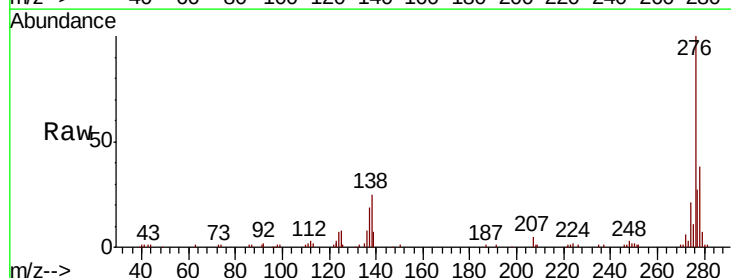


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

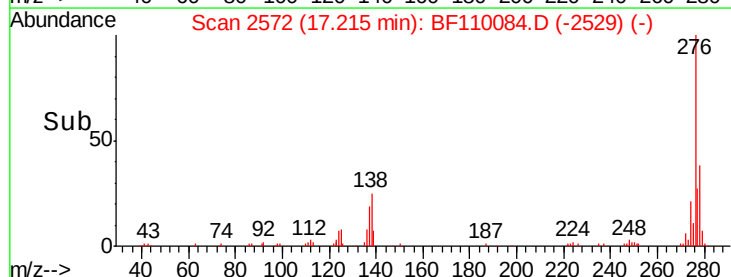
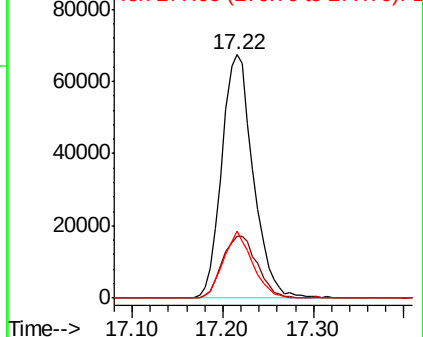


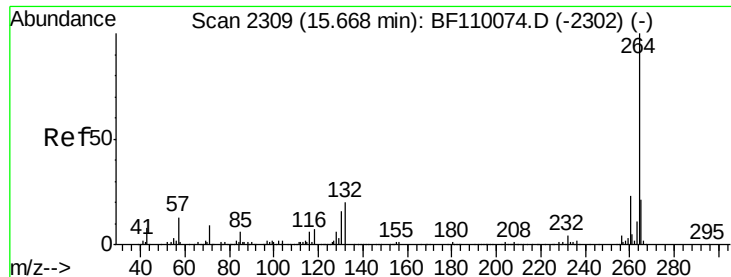
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.541 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.05 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:276 Resp: 161941
Ion Ratio Lower Upper
276 100
138 28.0 18.5 27.7#
277 25.4 20.0 30.0



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

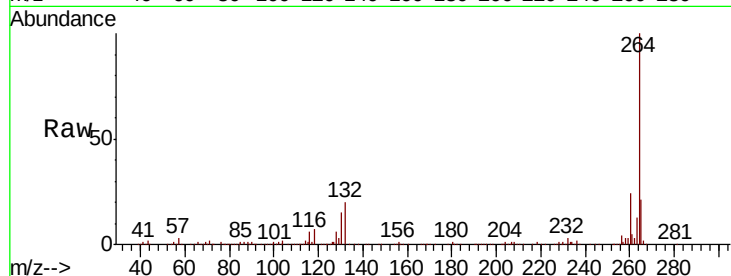




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.2	16.7	25.1

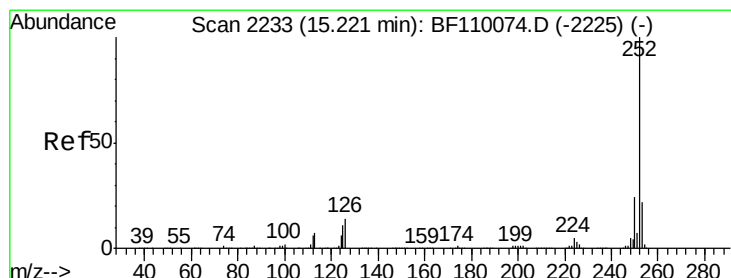
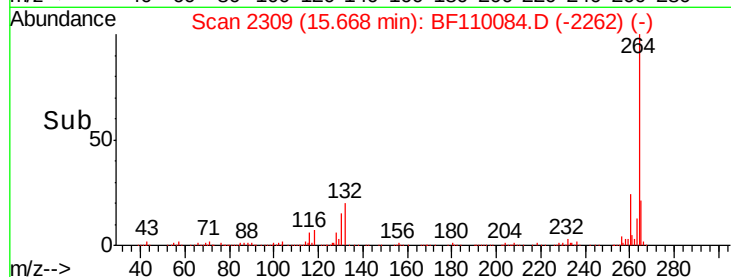
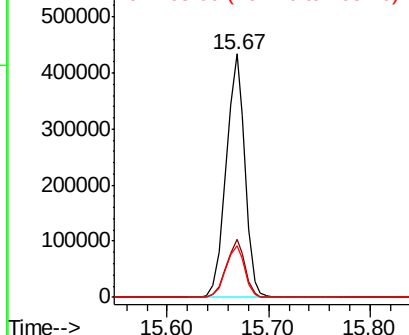


Abundance

Ion 264.00 (263.70 to 264.70): E

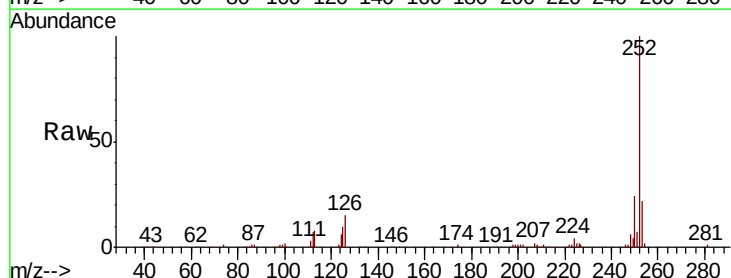
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 5.580 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.2	8.2	12.4

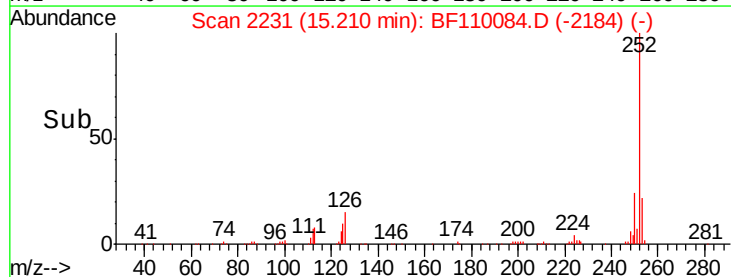
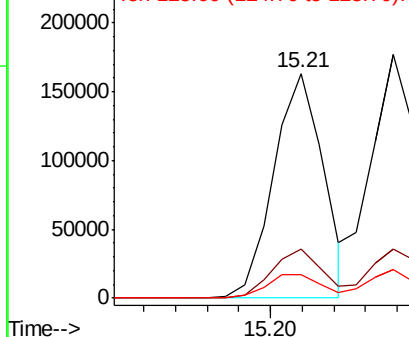


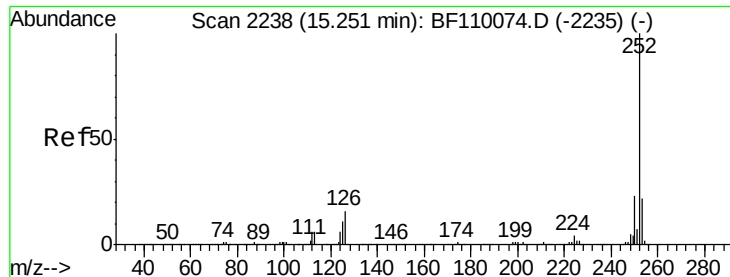
Abundance

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

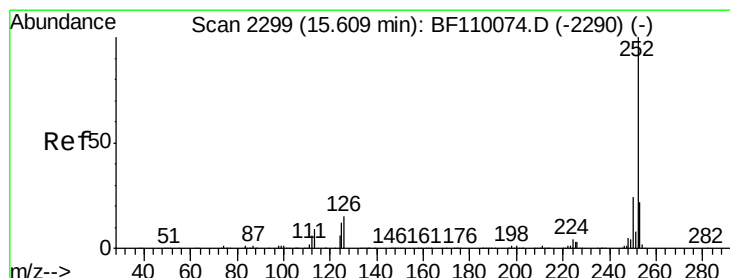
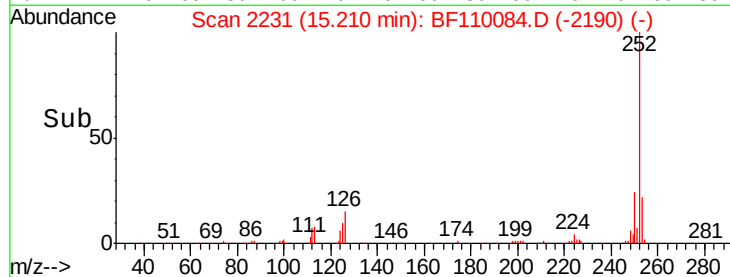
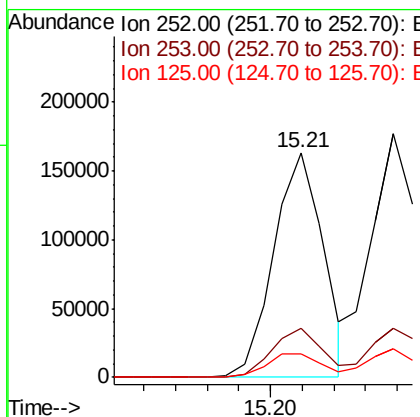
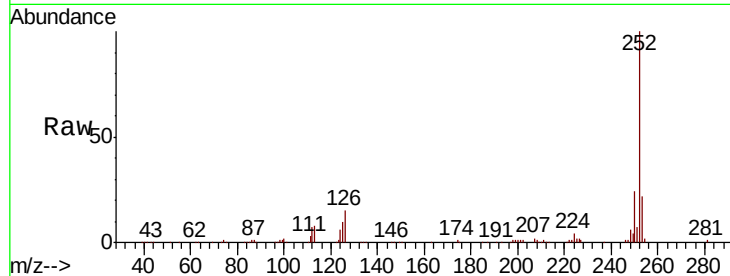




#89
Benzo(k)fluoranthene
Concen: 5.676 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.06 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

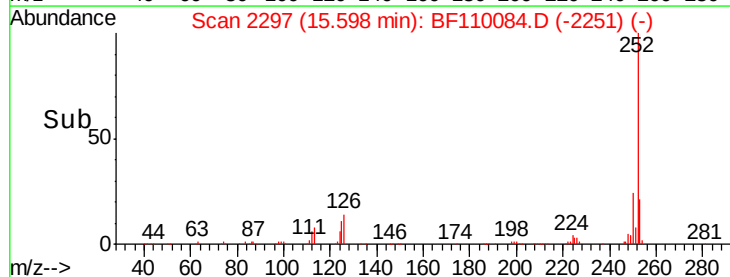
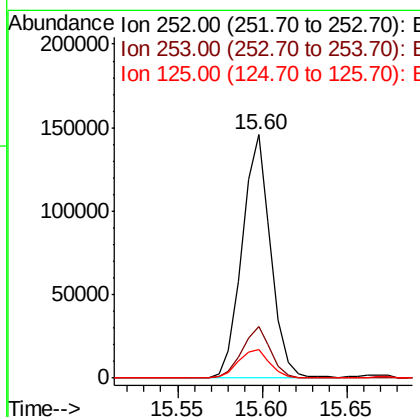
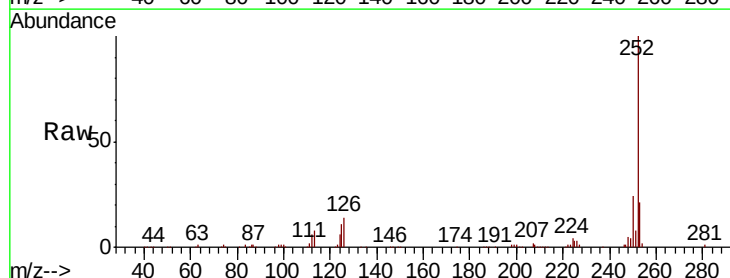
Instrument :
BNA_F
ClientSampleId :

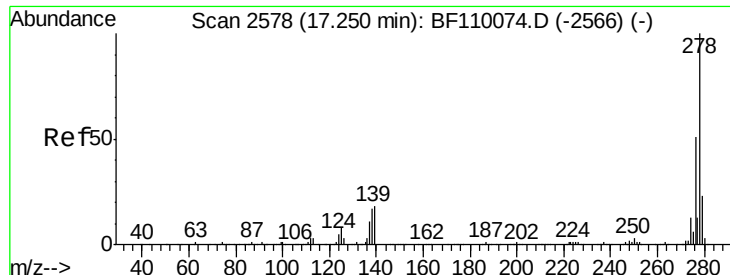
Tot Ion:252 Resp: 178201
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 5.860 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:252 Resp: 172218
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.4
125 11.5 9.0 13.6



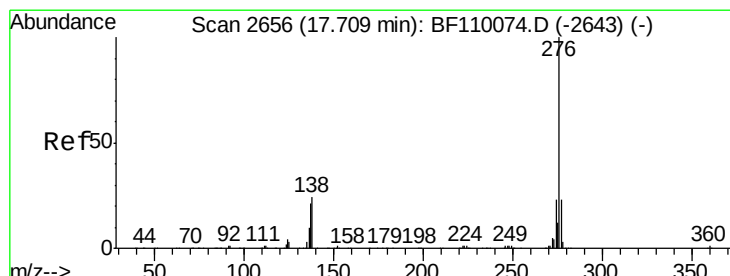
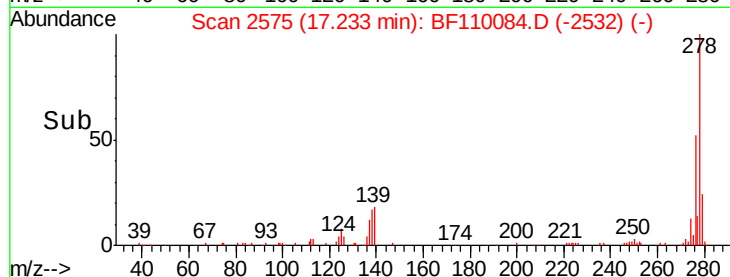
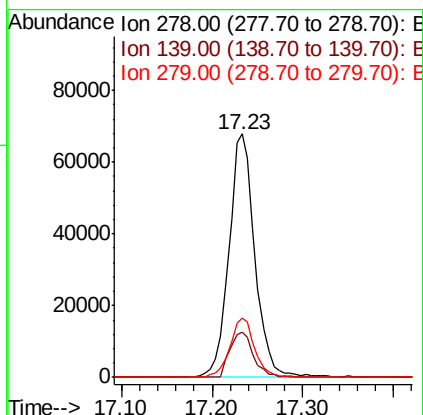
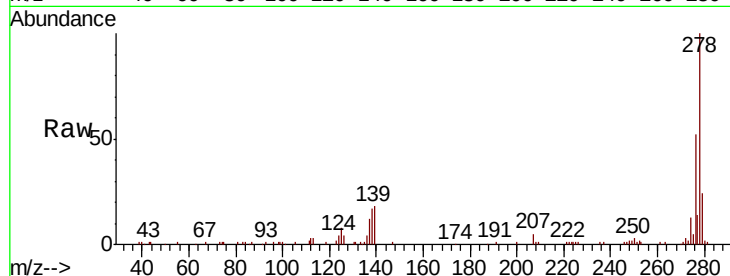


#91
Dibenzo(a,h)anthracene
Concen: 5.331 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.05 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 135177

Ion	Ratio	Lower	Upper
278	100		
139	18.4	12.7	19.1
279	24.3	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 5.132 ng
RT: 17.69 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BF110084.D
Acq: 23 Oct 2018 18:19

Tgt Ion:276 Resp: 128231

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	25.6	16.0	24.0

