

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110280.D
 Acq On : 29 Oct 2018 23:33
 Operator : JU/SJ
 Sample : J5691-01 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 08:06:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	92274	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	287627	20.00	ng	0.01
39) Acenaphthene-d10	10.06	164	127040	20.00	ng	0.04
64) Phenanthrene-d10	11.57	188	101347	20.00	ng	0.06
76) Chrysene-d12	14.19	240	157592	20.00	ng	0.04
87) Perylene-d12	15.70	264	131934	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	360807	63.68	ng	0.00
7) Phenol-d6	6.59	99	438184	60.46	ng	0.00
23) Nitrobenzene-d5	7.53	82	257823	53.17	ng	0.00
42) 2,4,6-Tribromophenol	10.87	330	50980	40.51	ng	0.06
45) 2-Fluorobiphenyl	9.35	172	355381	43.93	ng	0.02
79) Terphenyl-d14	13.14	244	255425	33.71	ng	0.05

Target Compounds

						Qvalue
9) Benzaldehyde	6.53	77	914	Below Cal	#	1
10) Phenol	6.60	94	23524	3.036 ng	#	71
15) Benzyl Alcohol	7.13	79	11440	2.052 ng	#	45
18) Hexachloroethane	7.50	117	37937	14.251 ng	#	1
19) n-Nitroso-di-n-propylamine	7.39	70	30892	6.644 ng	#	69
22) Acetophenone	7.36	105	161587	24.381 ng	#	59
24) Nitrobenzene	7.54	77	16833	3.362 ng	#	54
25) Isophorone	7.78	82	74835	9.053 ng	#	1
26) 2-Nitrophenol	7.87	139	10000	4.197 ng	#	1
27) 2,4-Dimethylphenol	7.91	122	20536	5.199 ng	#	1
29) 2,4-Dichlorophenol	8.09	162	19422	4.867 ng	#	40
31) Naphthalene	8.28	128	95915	7.235 ng	#	55
32) Benzoic acid	8.05	122	18868	6.180 ng	#	15
35) Caprolactam	8.68	113	147378	105.959 ng	#	1
36) 4-Chloro-3-methylphenol	8.80	107	31954	7.405 ng	#	28
37) 2-Methylnaphthalene	8.99	142	395853	45.133 ng	#	96
38) 1-Methylnaphthalene	9.09	142	669491	78.988 ng	#	99
46) 1,1'-Biphenyl	9.46	154	59754	5.201 ng	#	79
47) 2-Chloronaphthalene	9.54	162	31766	3.770 ng	#	1
49) Acenaphthylene	9.91	152	123565	10.152 ng	#	1
50) Dimethylphthalate	9.74	163	44499	4.745 ng	#	52
51) 2,6-Dinitrotoluene	9.82	165	10316	5.107 ng	#	81
52) Acenaphthene	10.10	154	122297	15.188 ng	#	62
53) 3-Nitroaniline	10.02	138	60824	25.320 ng	#	31
54) 2,4-Dinitrophenol	10.12	184	1796	7.270 ng	#	1
55) Dibenzofuran	10.27	168	39846	3.534 ng	#	1
56) 4-Nitrophenol	10.17	139	66706	37.520 ng	#	1
57) 2,4-Dinitrotoluene	10.27	165	18701	7.289 ng	#	65
58) Fluorene	10.62	166	132621	15.807 ng	#	39
59) 2,3,4,6-Tetrachlorophenol	10.35	232	13515	6.144 ng	#	38
60) Diethylphthalate	10.52	149	29457	3.218 ng	#	1
63) Azobenzene	10.73	77	35591	3.917 ng	#	33
65) 4,6-Dinitro-2-methylphenol	10.68	198	1803	3.894 ng	#	1
66) n-Nitrosodiphenylamine	10.73	169	333384	100.290 ng	#	65

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 ALS Vial : 30 Sample Multiplier: 1

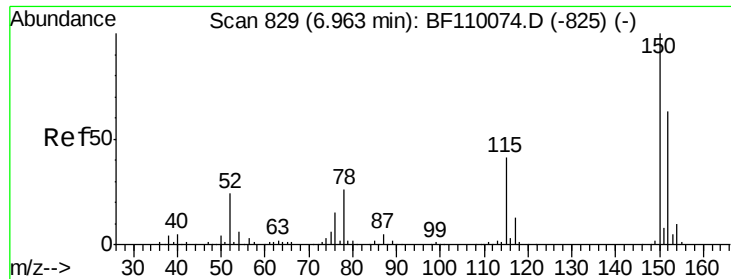
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 08:06:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	

67) 4-Bromophenyl-phenylether	11.10	248	6869	6.248	nq	#	1
69) Atrazine	11.26	200	27415	26.097	nq	#	1
70) Pentachlorophenol	11.36	266	1384	2.035	nq	#	1
71) Phenanthrene	11.60	178	365965	69.012	nq	#	72
72) Anthracene	11.66	178	65837	12.386	nq	#	1
73) Carbazole	11.77	167	19360	3.730	nq	#	1
74) Di-n-butylphthalate	12.12	149	26484	4.518	nq	#	24
75) Fluoranthene	13.02	202	261553	48.599	nq		64
77) Benzidine	12.83	184	2753	Below Cal		#	1
78) Pvrene	12.96	202	31144	2.757	nq	#	8
80) Butylbenzylphthalate	13.48	149	10342	2.109	nq	#	2
81) Benzo(a)anthracene	14.18	228	36099	3.863	nq	#	20
83) Chrysene	14.22	228	40200	4.529	nq	#	50
86) Indeno(1,2,3-cd)pyrene	17.27	276	40112	5.447	nq		98
88) Benzo(b)fluoranthene	15.25	252	49523	6.500	nq	#	61
89) Benzo(k)fluoranthene	15.25	252	49523	6.612	nq	#	61
90) Benzo(a)pyrene	15.64	252	35244	5.027	nq	#	80
92) Benzo(g,h,i)perylene	17.75	276	57928	9.718	nq	#	93

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

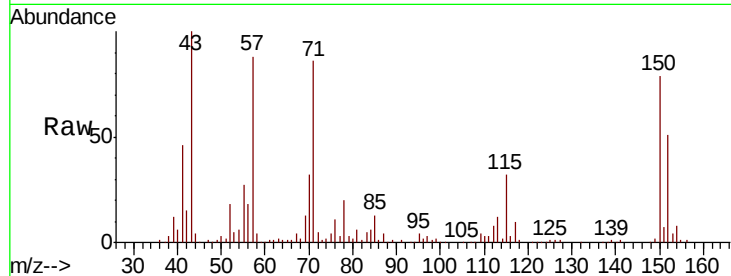


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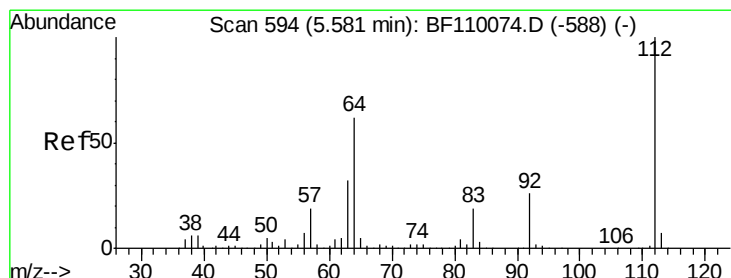
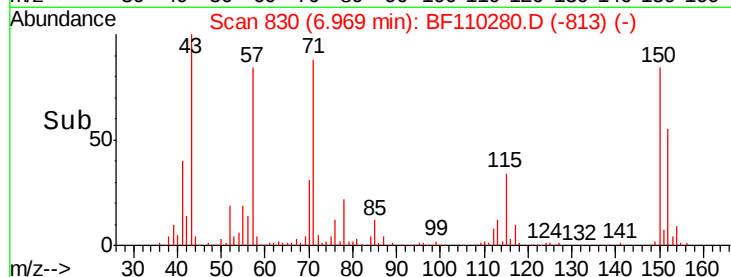
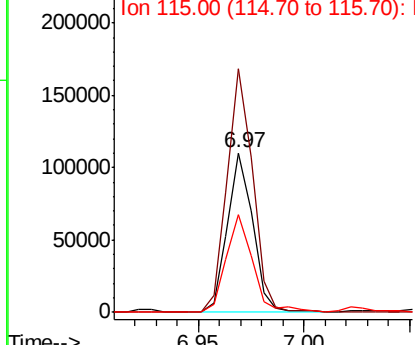
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 92274
Ion Ratio Lower Upper
152 100
150 153.0 122.7 184.1
115 61.7 49.1 73.7



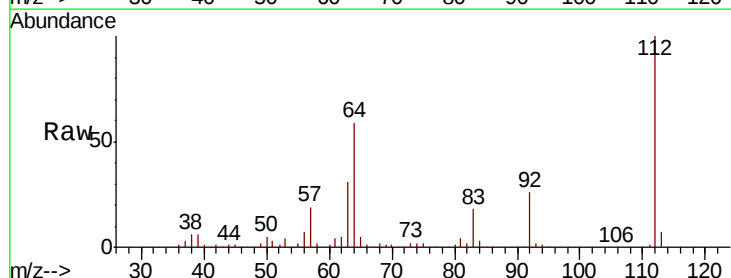
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



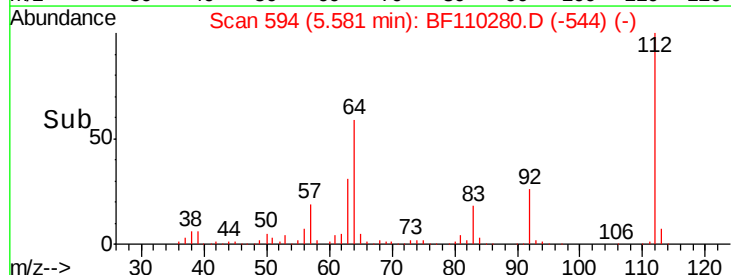
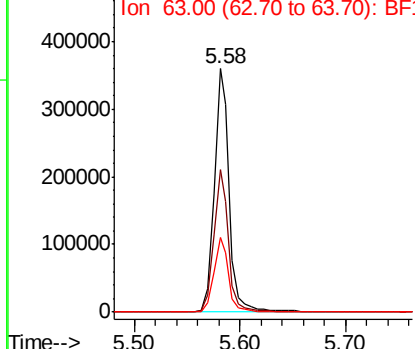
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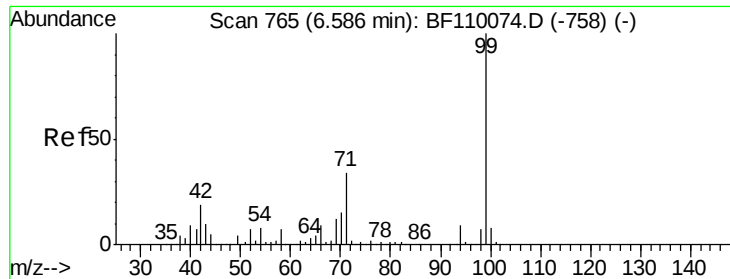
2-Fluorophenol
Concen: 63.675 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion:112 Resp: 360807
Ion Ratio Lower Upper
112 100
64 58.6 44.1 66.1
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 60.458 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampleId :

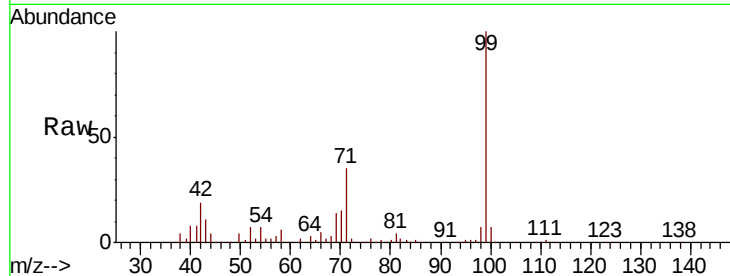
Tot Ion: 99 Resp: 438184

Ion Ratio Lower Upper

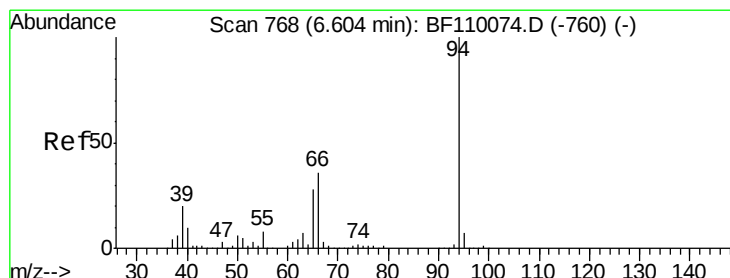
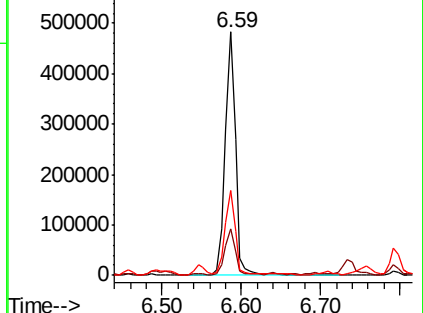
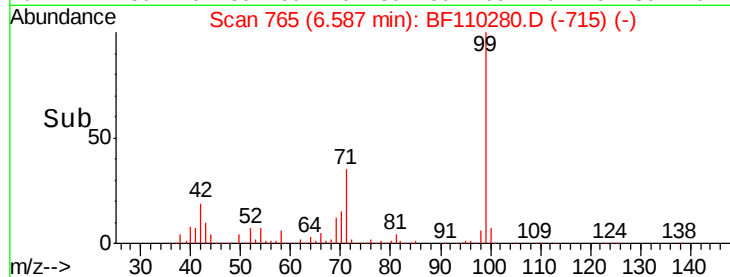
99 100

42 19.3 15.8 23.6

71 35.0 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



#10

Phenol

Concen: 3.036 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

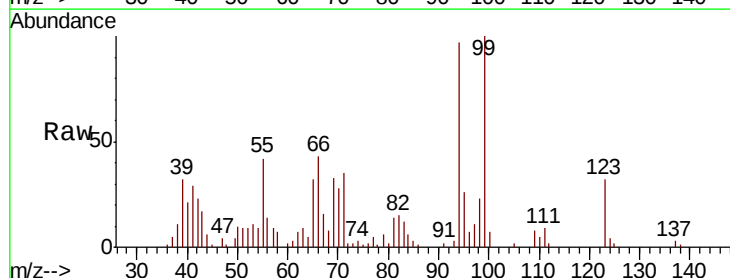
Tgt Ion: 94 Resp: 23524

Ion Ratio Lower Upper

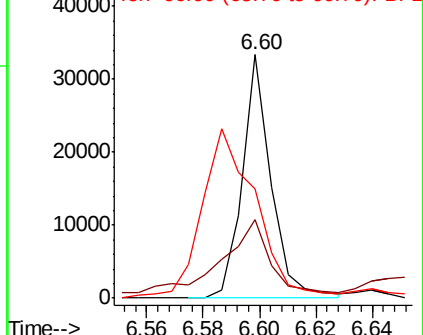
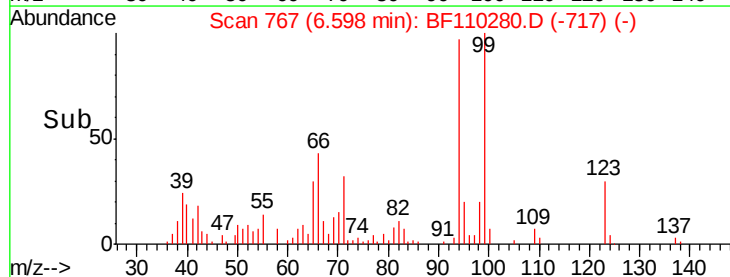
94 100

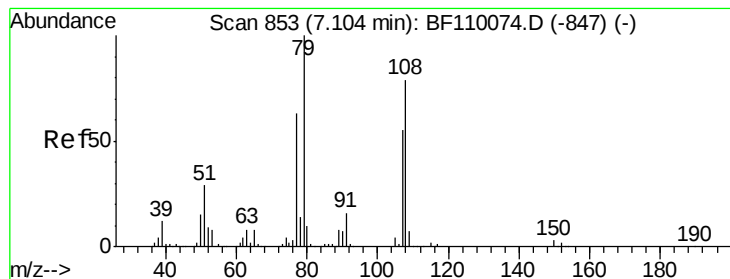
65 32.4 25.3 65.3

66 44.7 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





#15

Benzyl Alcohol

Concen: 2.052 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.02 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampleId :

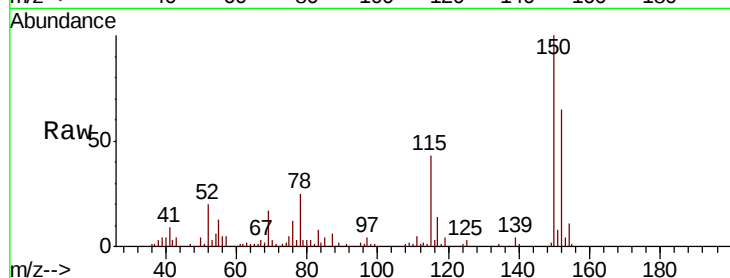
Tot Ion: 79 Resp: 11440

Ion Ratio Lower Upper

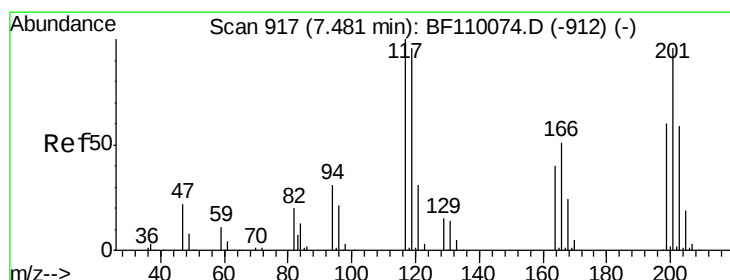
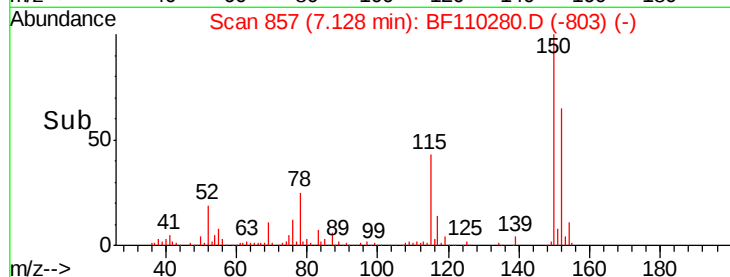
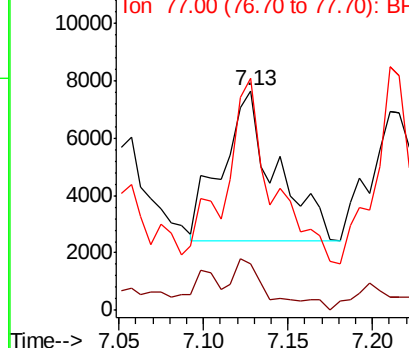
79 100

108 21.3 56.3 84.5#

77 105.8 52.9 79.3#



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



#18

Hexachloroethane

Concen: 14.251 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.02 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

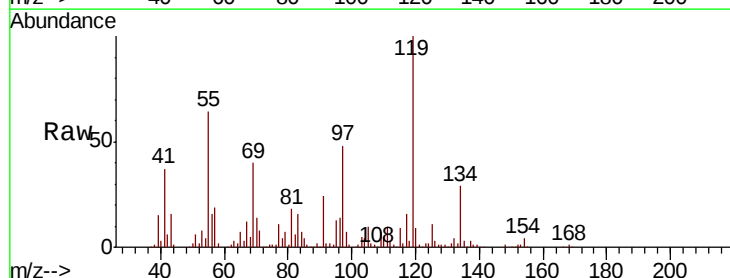
Tgt Ion: 117 Resp: 37937

Ion Ratio Lower Upper

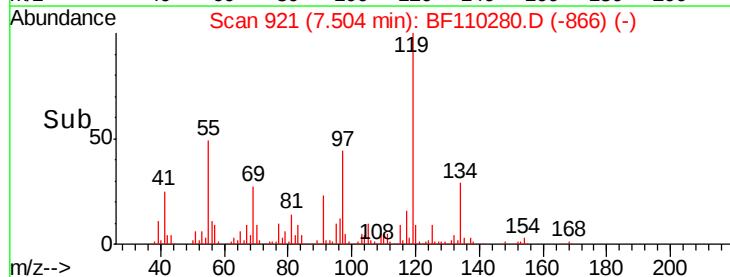
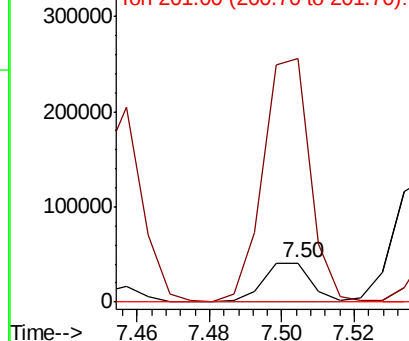
117 100

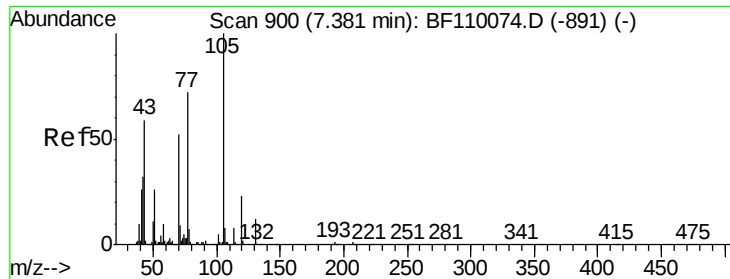
119 619.7 75.0 112.6#

201 0.0 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

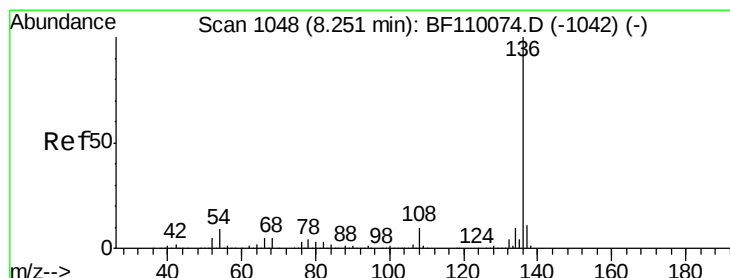
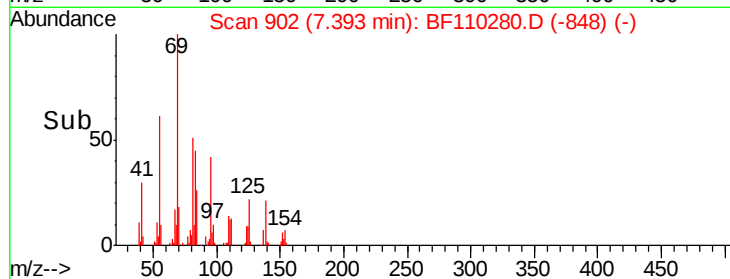
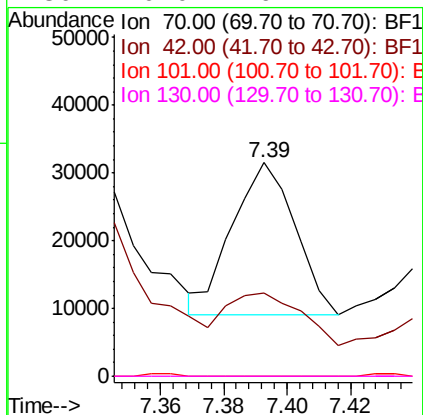
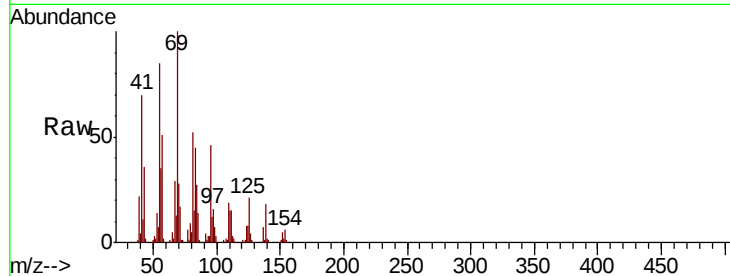




#19
n-Nitroso-di-n-propylamine
Concen: 6.644 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.02 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

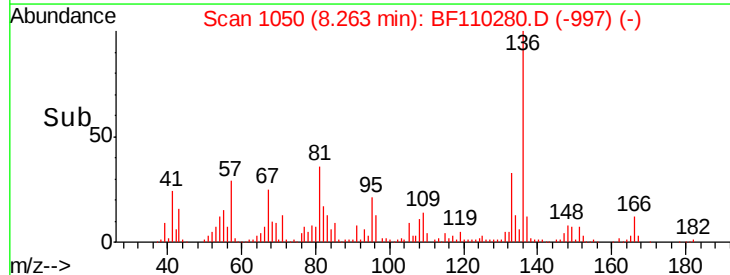
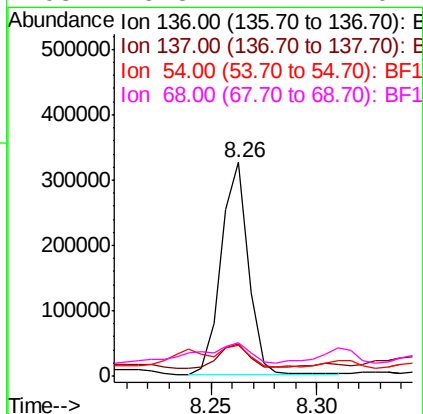
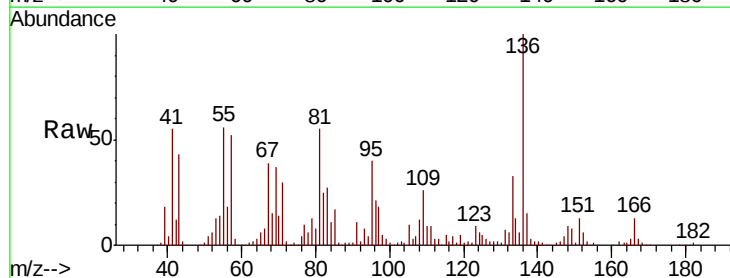
Instrument :
BNA_F
ClientSampleId :

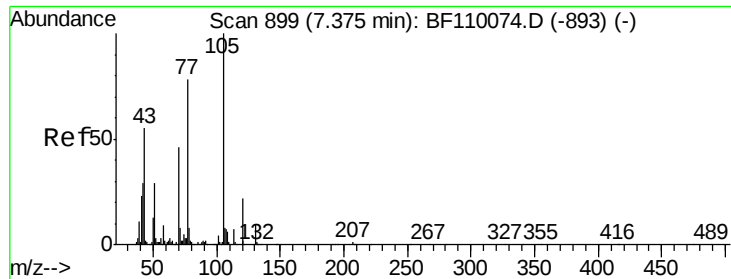
Tot Ion:	70	Resp:	30892
Ion	Ratio	Lower	Upper
70	100		
42	39.1	47.4	71.2#
101	0.0	7.3	10.9#
130	0.0	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.01 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion:	136	Resp:	287627
Ion	Ratio	Lower	Upper
136	100		
137	15.1	8.8	13.2#
54	14.5	5.4	8.2#
68	15.3	4.2	6.2#

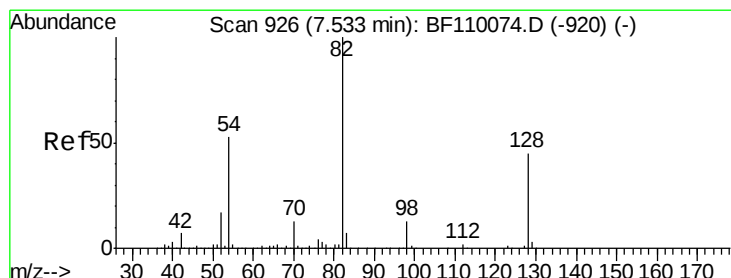
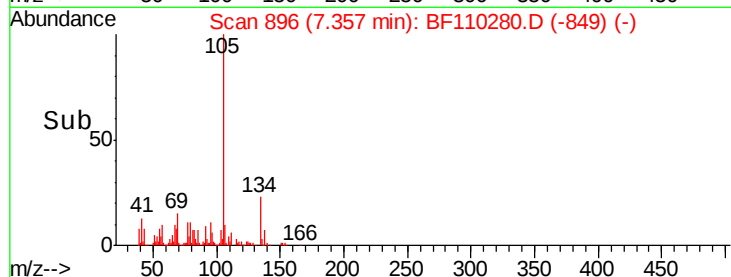
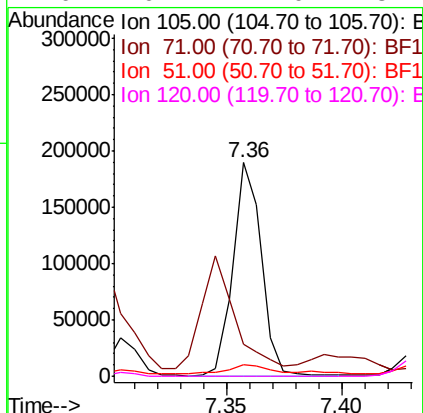
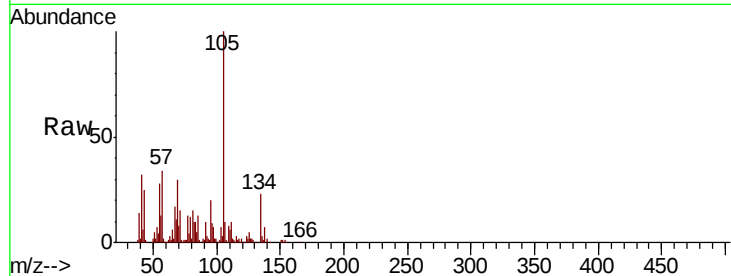




#22
Acetophenone
Concen: 24.381 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

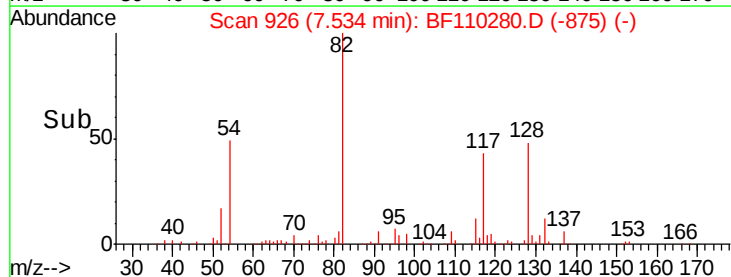
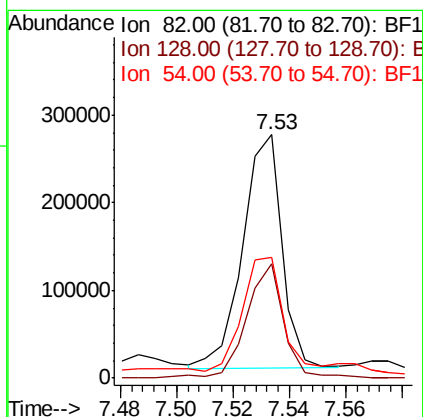
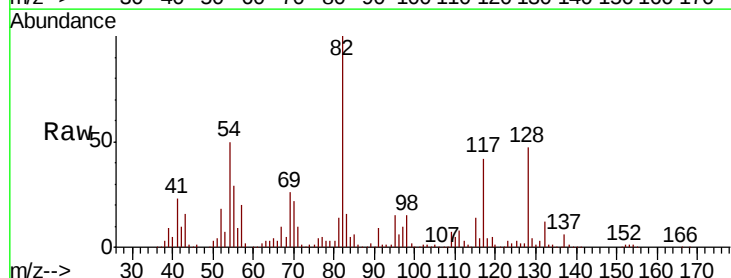
Instrument :
BNA_F
ClientSampled :

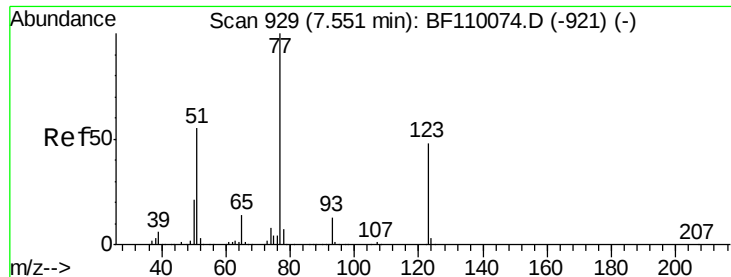
Tot Ion:105 Resp: 161587
Ion Ratio Lower Upper
105 100
71 15.0 5.2 7.8#
51 5.5 21.8 32.8#
120 0.2 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 53.167 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion: 82 Resp: 257823
Ion Ratio Lower Upper
82 100
128 46.8 34.2 51.2
54 49.8 38.6 58.0

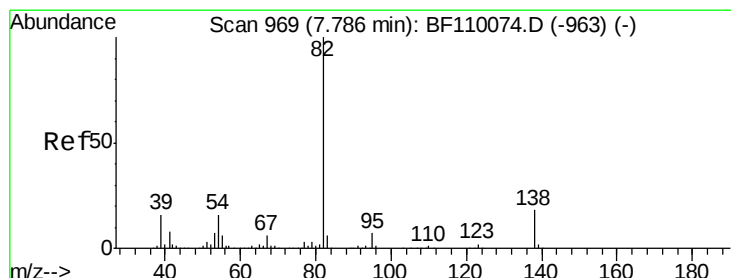
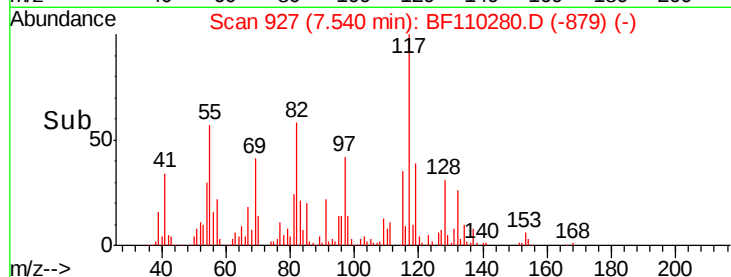
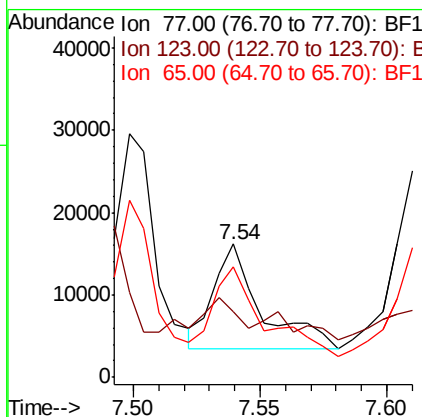
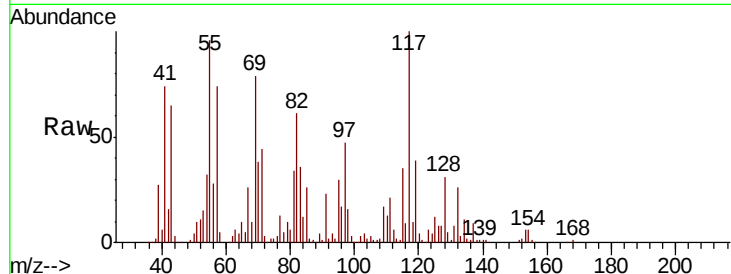




#24
Nitrobenzene
Concen: 3.362 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

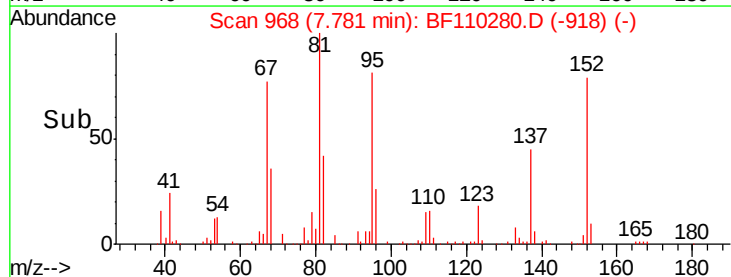
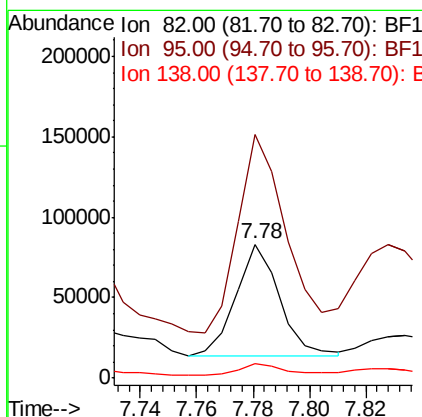
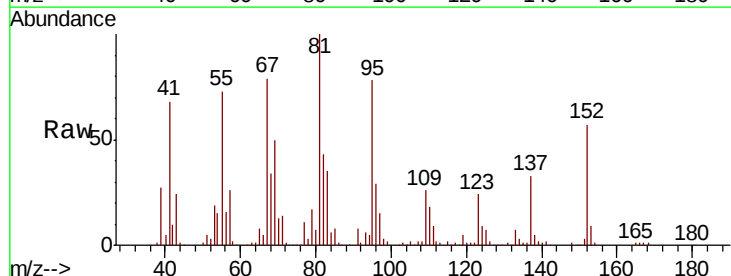
Instrument :
BNA_F
ClientSampleId :

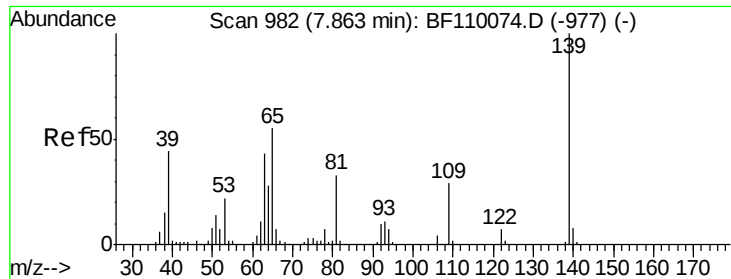
Tot Ion	77	Resp	16833
Ion Ratio	Lower	Upper	
77	100		
123	49.4	35.7	53.5
65	82.8	10.7	16.1#



#25
Isophorone
Concen: 9.053 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion	82	Resp	74835
Ion Ratio	Lower	Upper	
82	100		
95	182.2	5.7	8.5#
138	10.5	13.2	19.8#

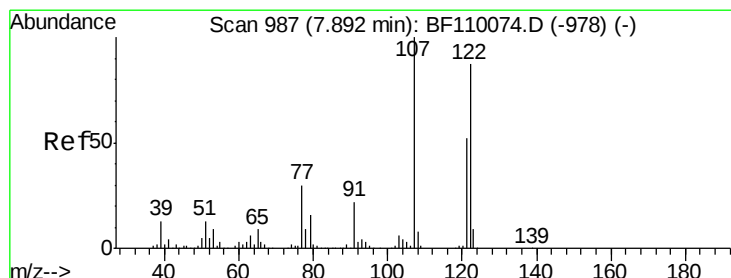
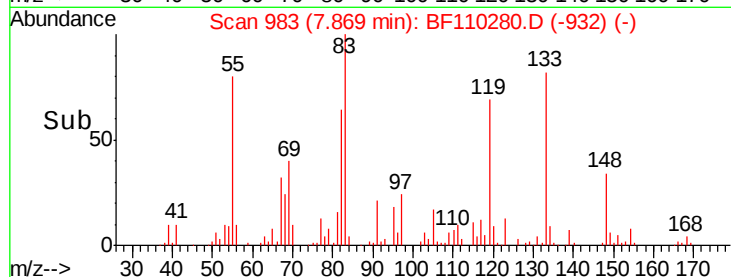
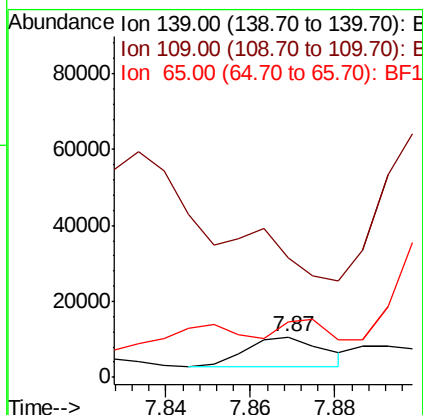
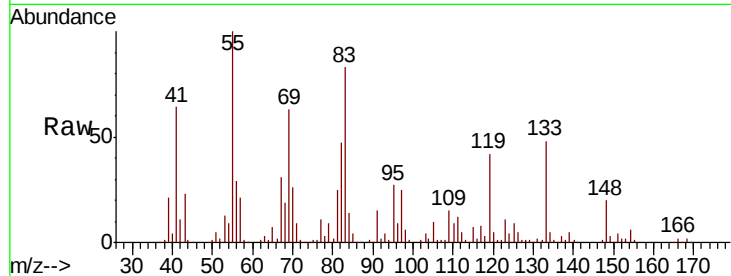




#26
2-Nitrophenol
Concen: 4.197 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

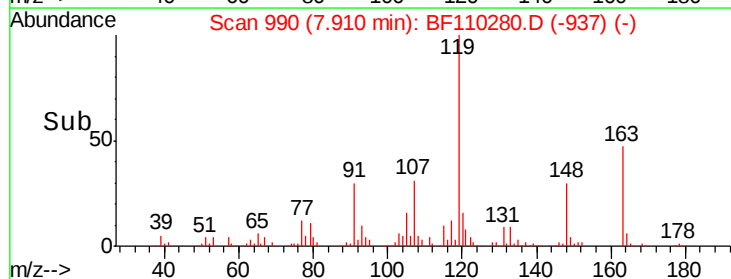
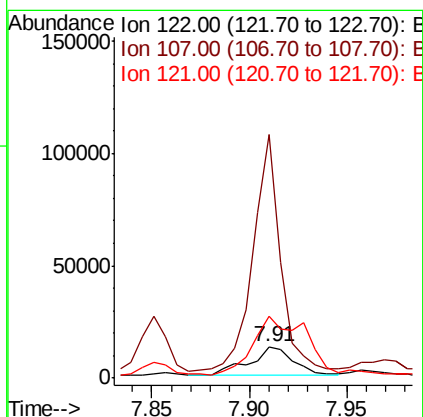
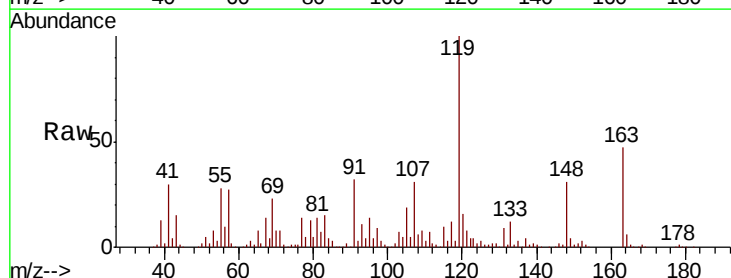
Instrument :
BNA_F
ClientSampled :

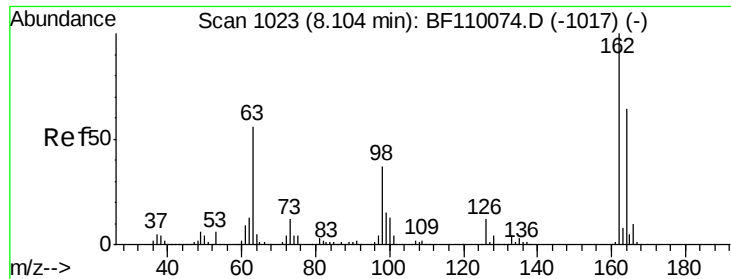
Tot Ion:139 Resp: 10000
Ion Ratio Lower Upper
139 100
109 295.1 25.0 37.6#
65 135.5 44.0 66.0#



#27
2,4-Dimethylphenol
Concen: 5.199 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion:122 Resp: 20536
Ion Ratio Lower Upper
122 100
107 778.2 92.5 138.7#
121 197.3 45.8 68.8#

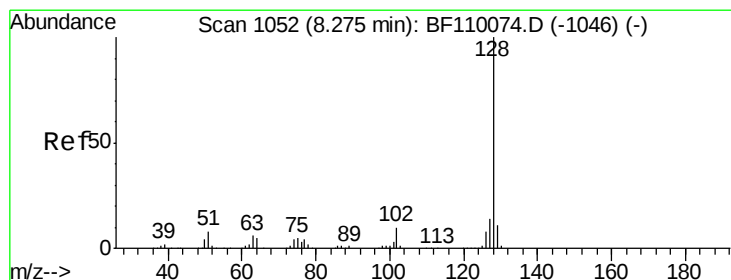
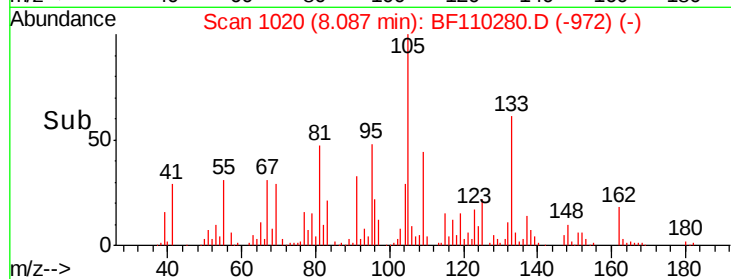
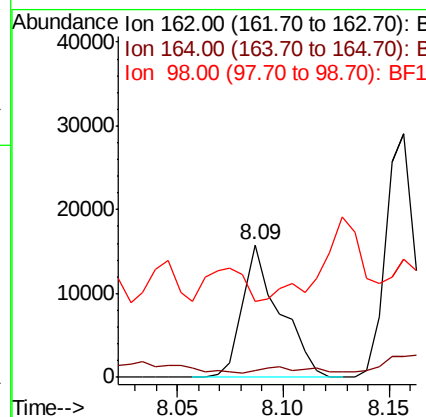
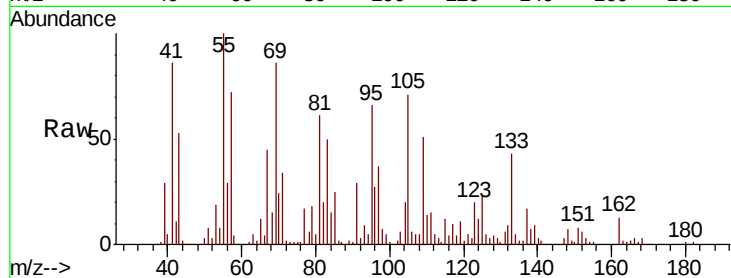




#29
2,4-Dichlorophenol
Concen: 4.867 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

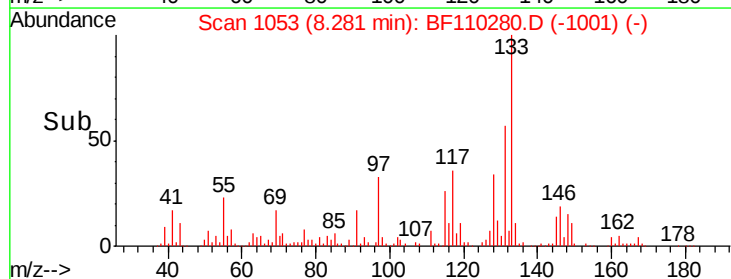
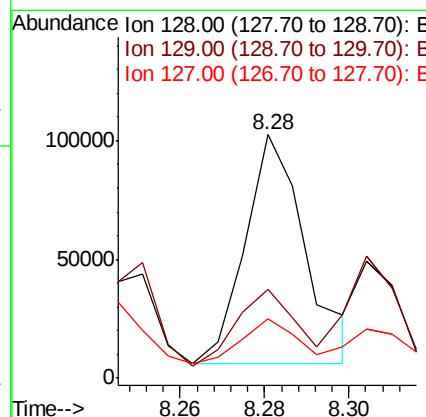
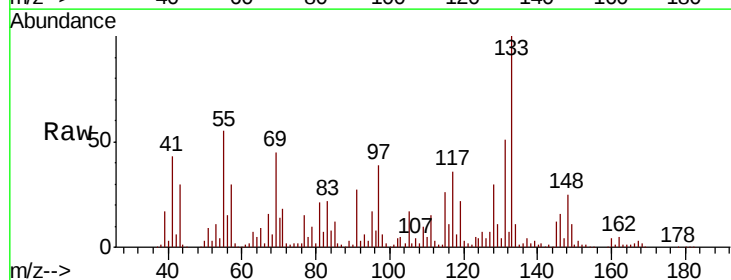
Instrument :
BNA_F
ClientSampleId :

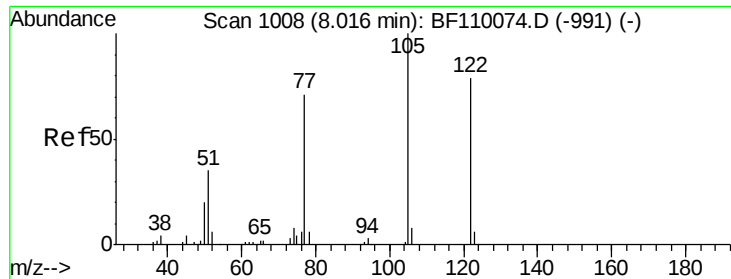
Tot Ion	Ratio	Lower	Upper
162	100		
164	5.6	44.6	84.6#
98	57.0	17.4	57.4



#31
Naphthalene
Concen: 7.235 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	36.5	8.8	13.2#
127	24.2	10.8	16.2#

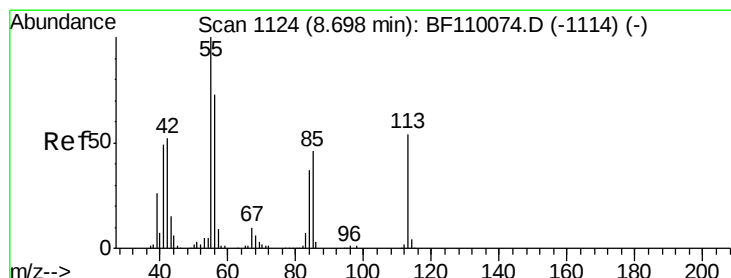
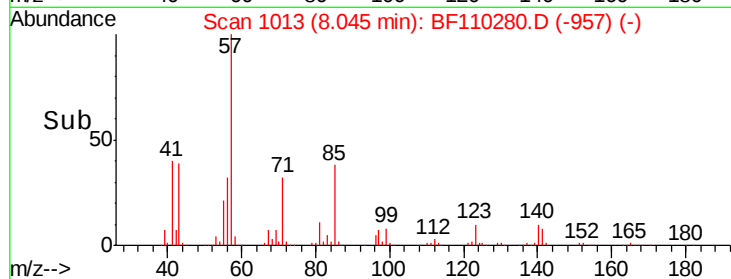
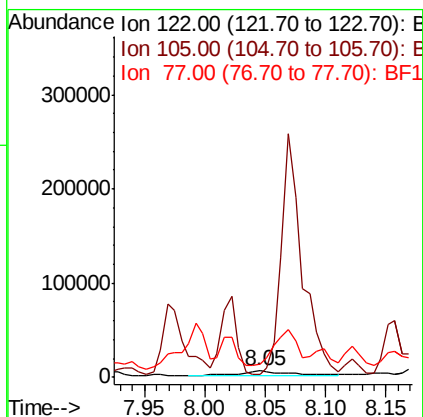
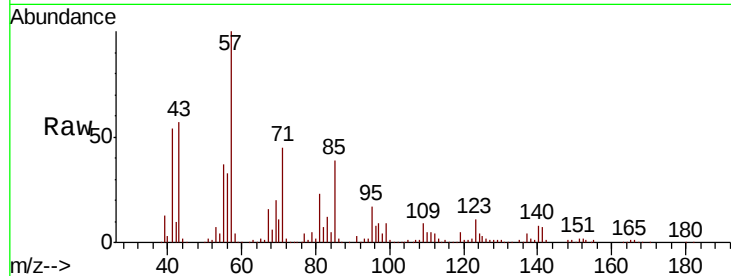




#32
Benzoic acid
Concen: 6.180 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.03 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

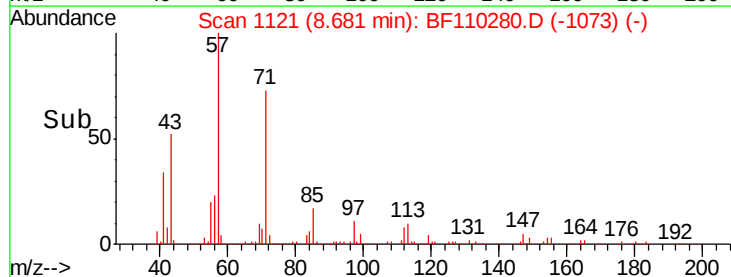
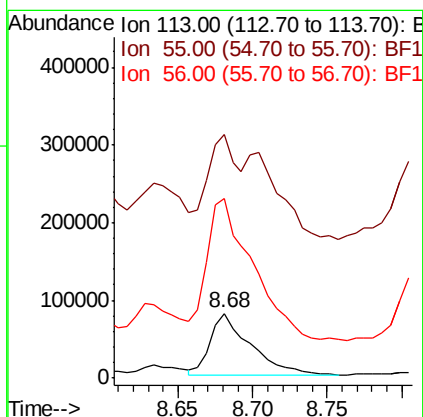
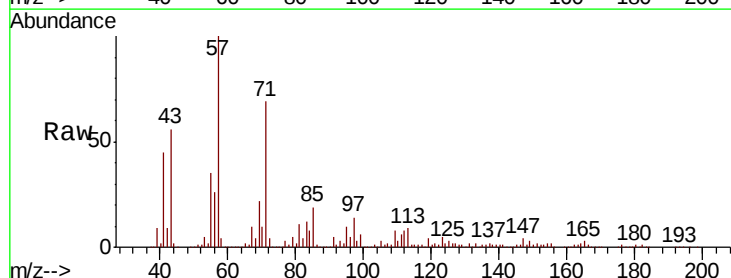
Instrument :
BNA_F
ClientSampleId :

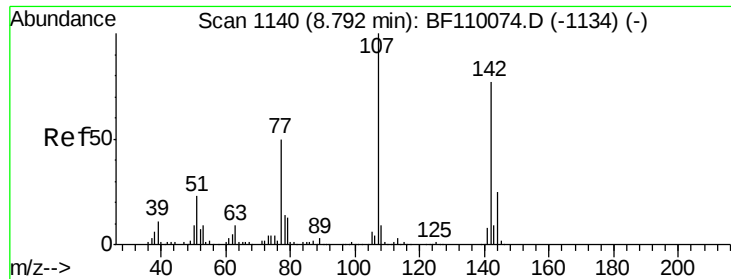
Tot Ion:122 Resp: 18868
Ion Ratio Lower Upper
122 100
105 46.2 109.0 149.0#
77 200.4 79.0 119.0#



#35
Caprolactam
Concen: 105.959 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion:113 Resp: 147378
Ion Ratio Lower Upper
113 100
55 376.1 142.8 182.8#
56 277.6 105.0 145.0#

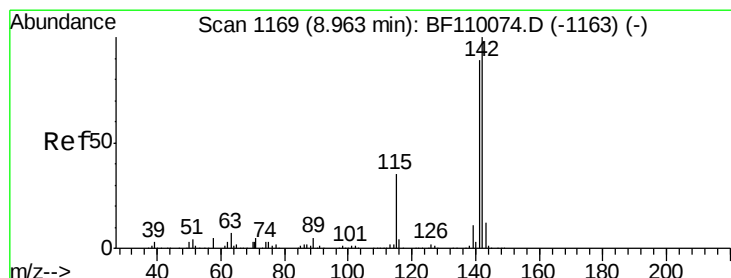
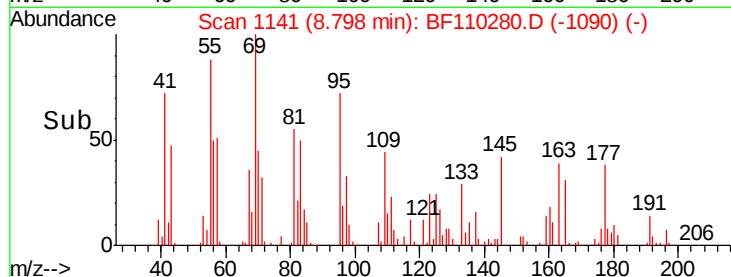
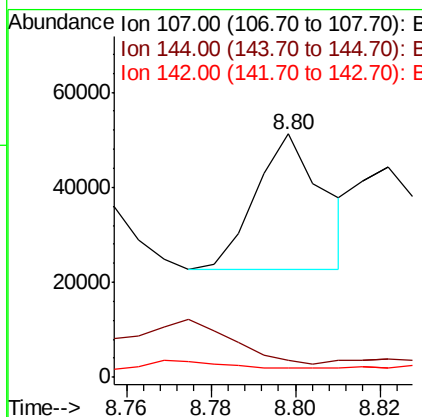
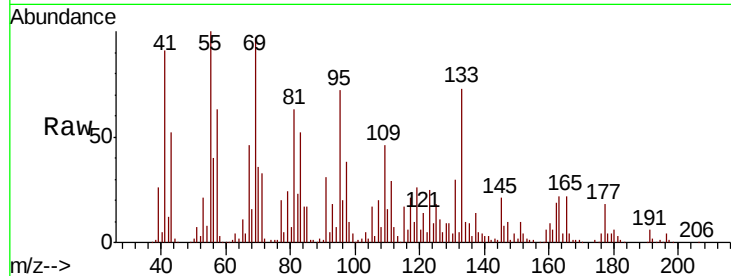




#36
 4-Chloro-3-methylphenol
 Concen: 7.405 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF110280.D
 Acq: 29 Oct 2018 23:33

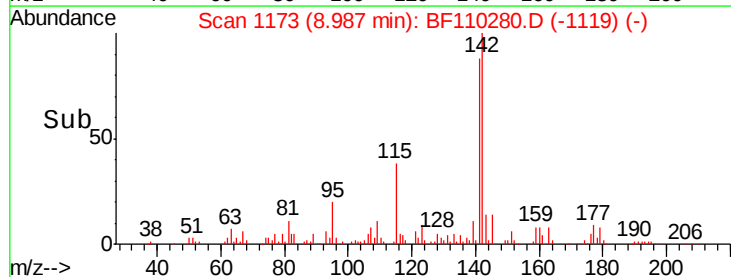
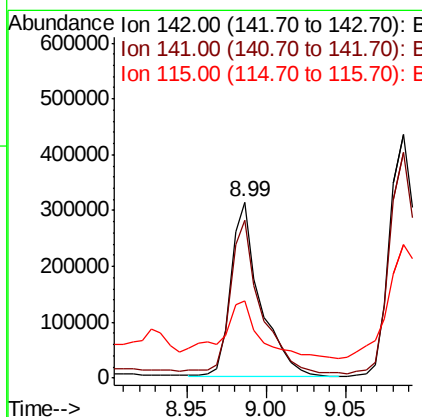
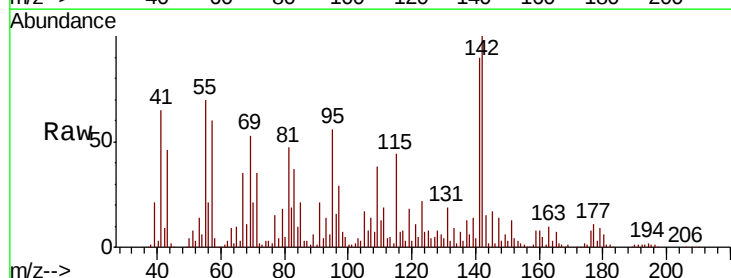
Instrument :
 BNA_F
 ClientSampled :

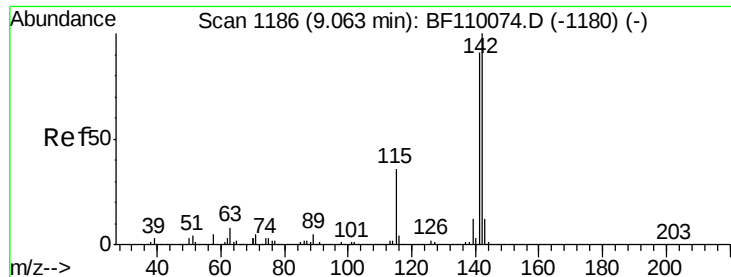
Tot Ion:107 Resp: 31954
 Ion Ratio Lower Upper
 107 100
 144 7.1 20.0 30.0#
 142 3.7 59.7 89.5#



#37
 2-Methylnaphthalene
 Concen: 45.133 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.02 min
 Lab File: BF110280.D
 Acq: 29 Oct 2018 23:33

Tgt Ion:142 Resp: 395853
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.4 107.2
 115 44.1 28.7 43.1#

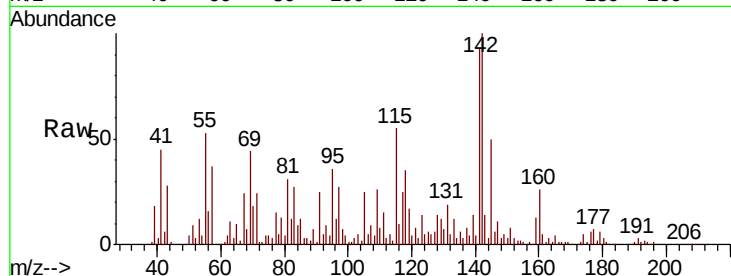




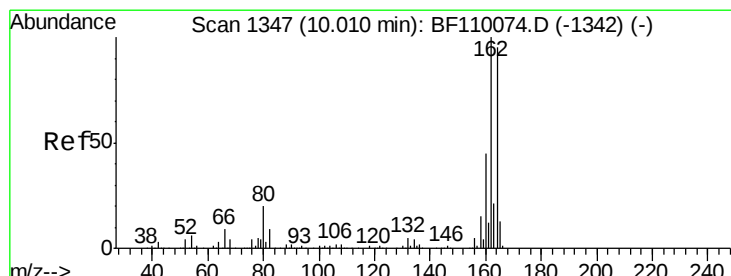
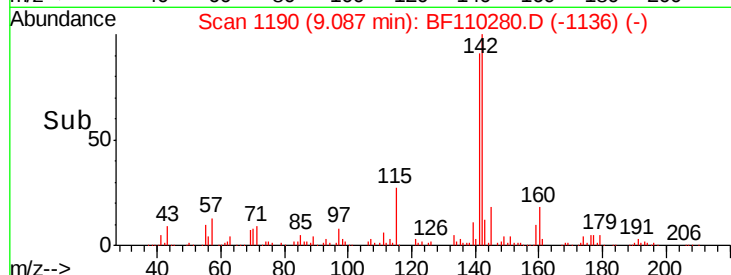
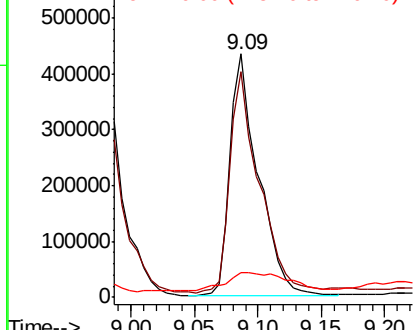
#38
 1-Methylnaphthalene
 Concen: 78.988 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.02 min
 Lab File: BF110280.D
 Acq: 29 Oct 2018 23:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 669491
 Ion Ratio Lower Upper
 142 100
 141 92.8 74.2 111.4
 116 10.1 2.6 4.0#

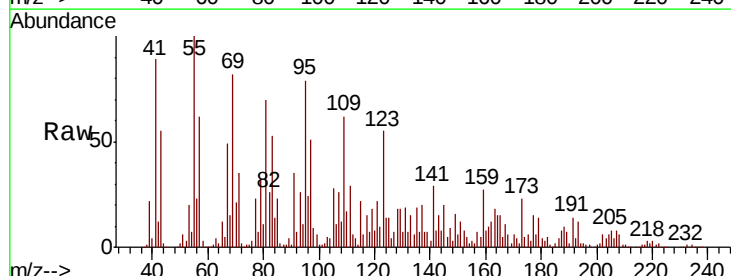


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

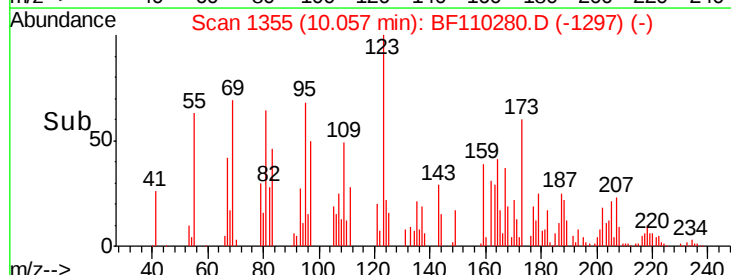
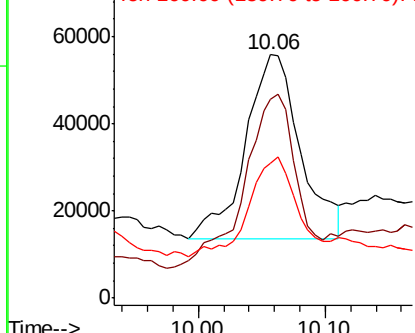


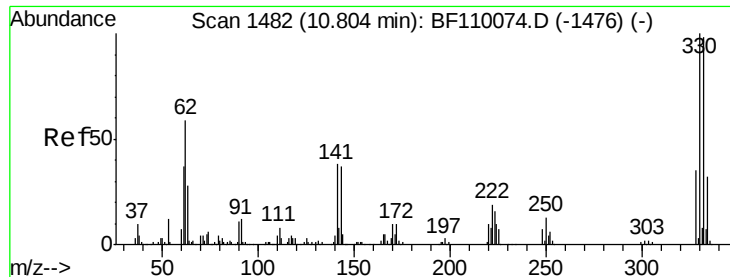
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.04 min
 Lab File: BF110280.D
 Acq: 29 Oct 2018 23:33

Tgt Ion:164 Resp: 127040
 Ion Ratio Lower Upper
 164 100
 162 81.7 83.0 124.6#
 160 55.2 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





#42

2,4,6-Tribromophenol

Concen: 40.511 ng

RT: 10.87 min Scan# 1493

Delta R.T. 0.06 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampleId :

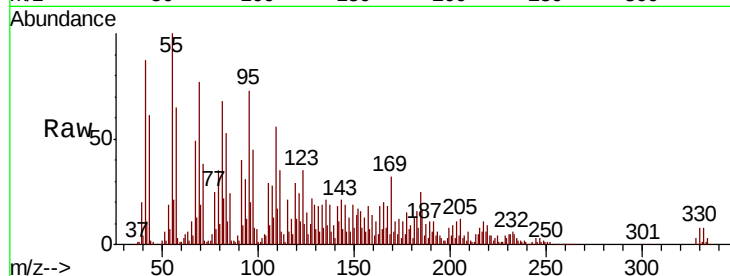
Tot Ion:330 Resp: 50980

Ion Ratio Lower Upper

330 100

332 99.3 77.1 115.7

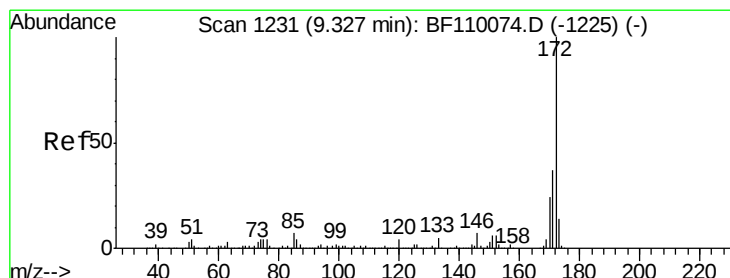
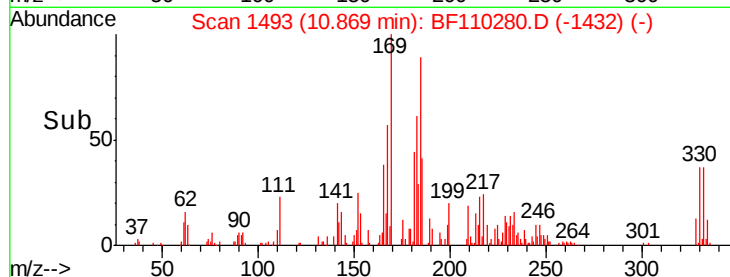
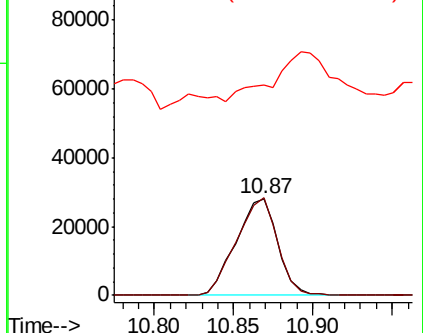
141 0.0 27.0 40.4#



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



#45

2-Fluorobiphenyl

Concen: 43.926 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.02 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

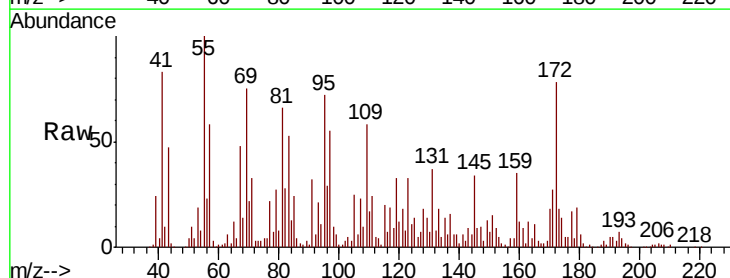
Tgt Ion:172 Resp: 355381

Ion Ratio Lower Upper

172 100

171 34.7 28.6 43.0

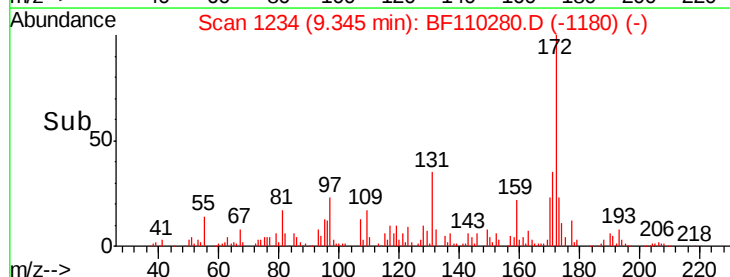
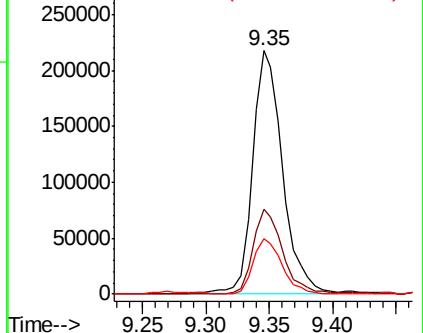
170 22.8 19.7 29.5

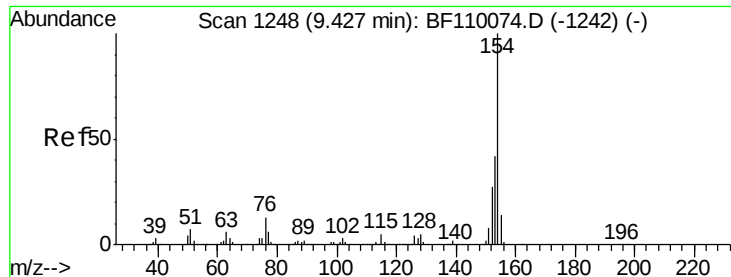


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

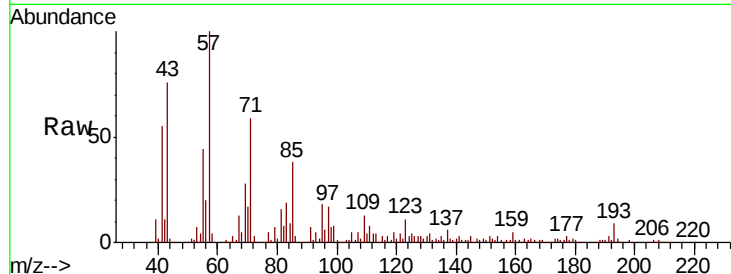




#46
 1,1'-Biphenyl
 Concen: 5.201 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.02 min
 Lab File: BF110280.D
 Acq: 29 Oct 2018 23:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	53.9	20.4	60.4
76	18.9	0.0	31.9

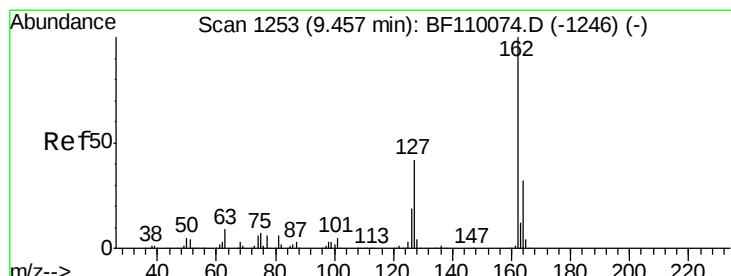
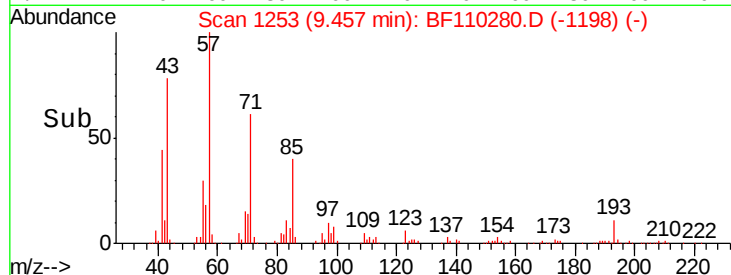
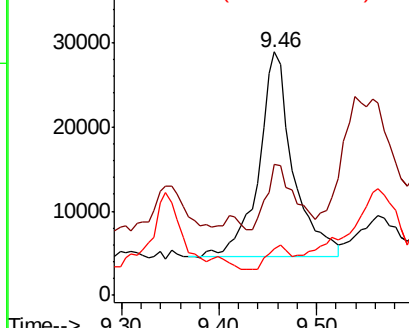


Abundance

Ion 154.00 (153.70 to 154.70): E

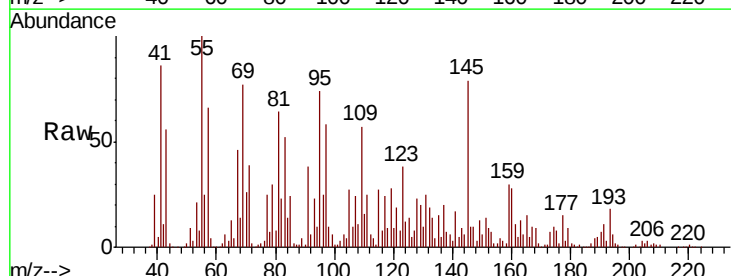
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
 2-Chloronaphthalene
 Concen: 3.770 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. 0.08 min
 Lab File: BF110280.D
 Acq: 29 Oct 2018 23:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	172.3	32.6	48.8#
164	115.6	25.9	38.9#

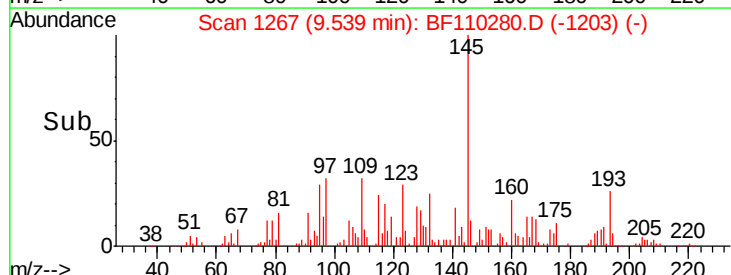
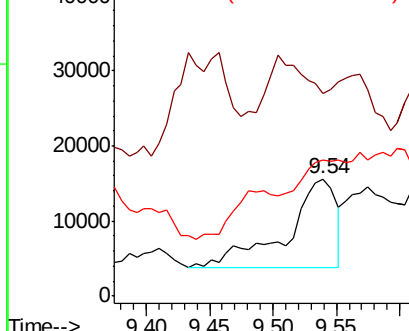


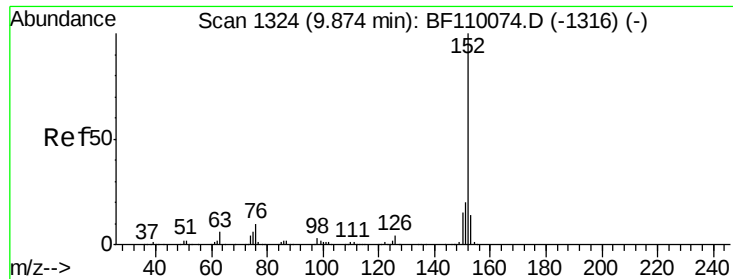
Abundance

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





#49

Acenaphthylene

Concen: 10.152 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.04 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampleId :

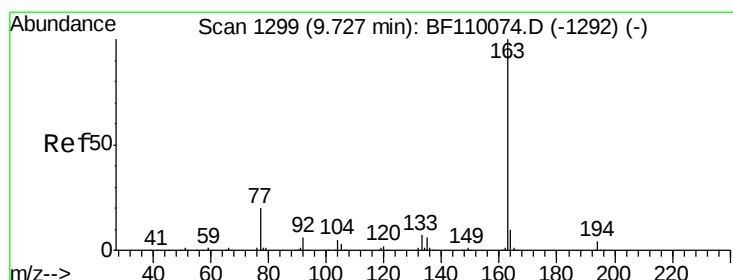
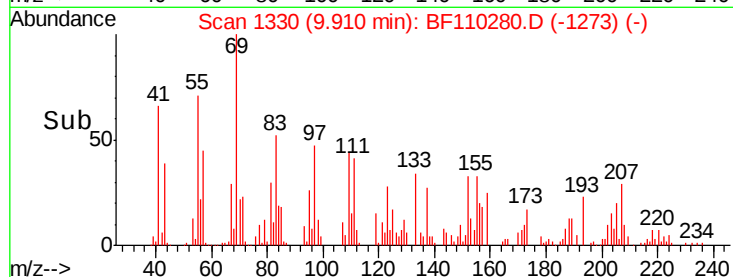
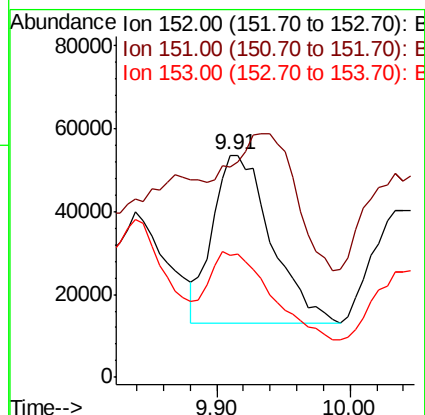
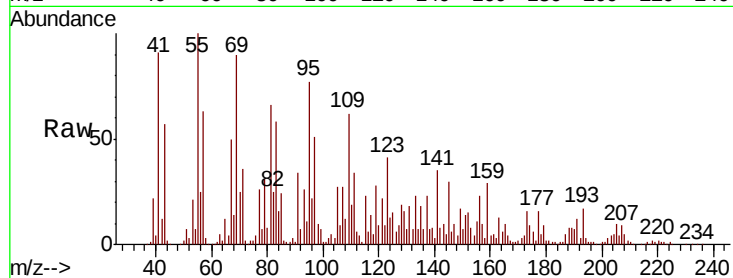
Tot Ion:152 Resp: 123565

Ion Ratio Lower Upper

152 100

151 94.8 15.8 23.8#

153 55.1 10.4 15.6#



#50

Dimethylphthalate

Concen: 4.745 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

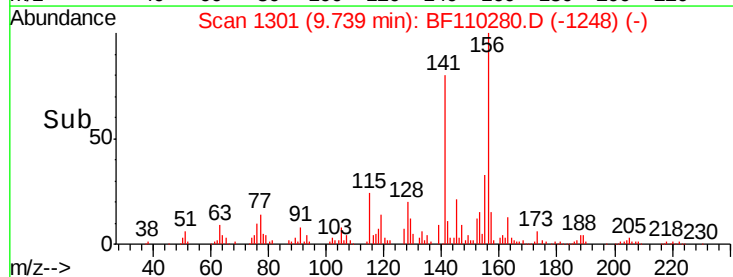
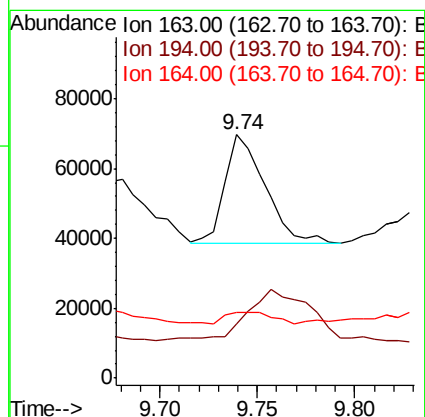
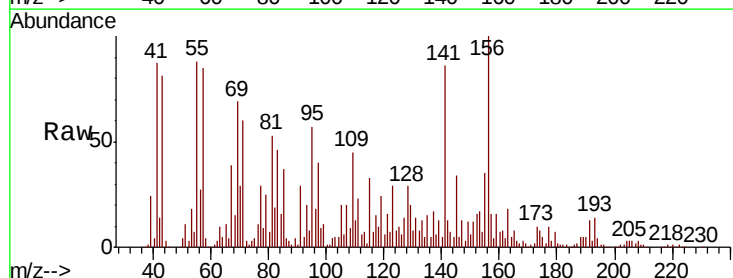
Tgt Ion:163 Resp: 44499

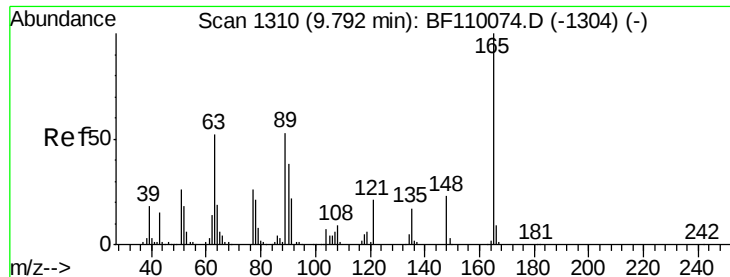
Ion Ratio Lower Upper

163 100

194 22.1 3.2 4.8#

164 27.1 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 5.107 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.02 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampled :

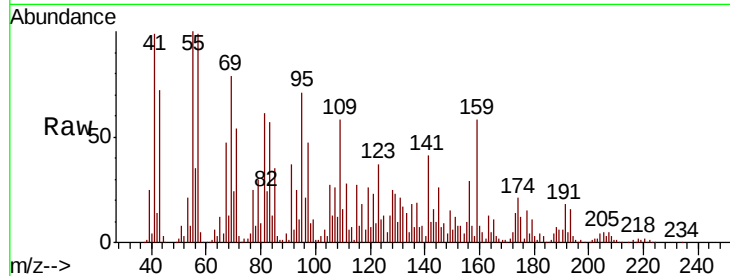
Tot Ion:165 Resp: 10316

Ion Ratio Lower Upper

165 100

63 56.7 48.9 73.3

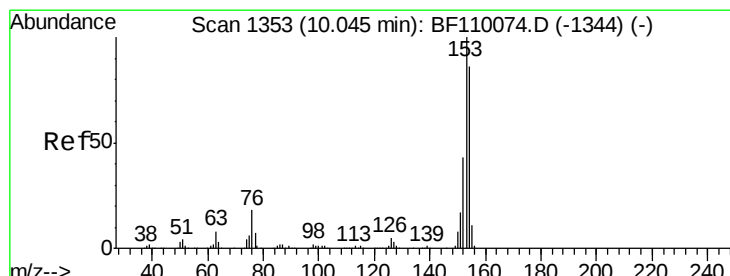
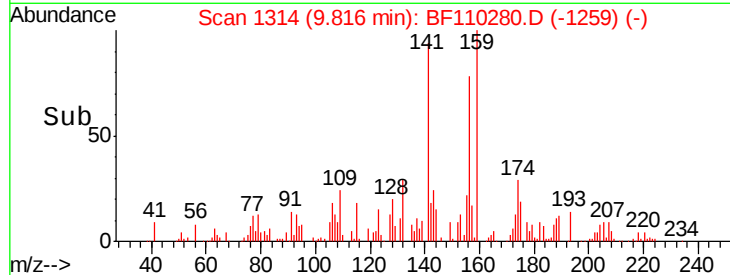
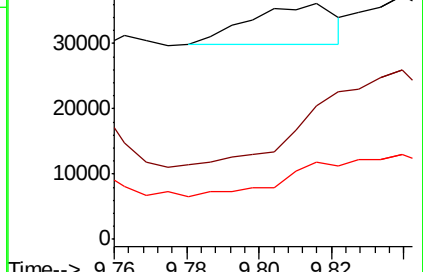
89 33.1 46.6 69.8#



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: 15.188 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.05 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

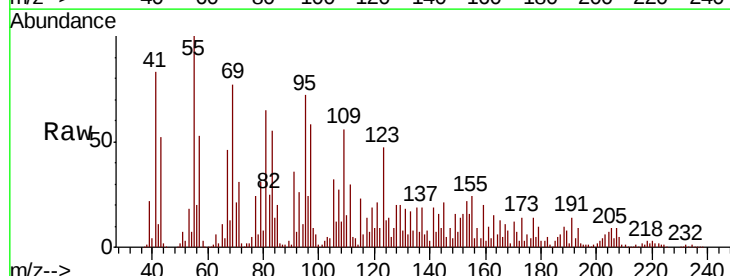
Tgt Ion:154 Resp: 122297

Ion Ratio Lower Upper

154 100

153 140.4 90.1 135.1#

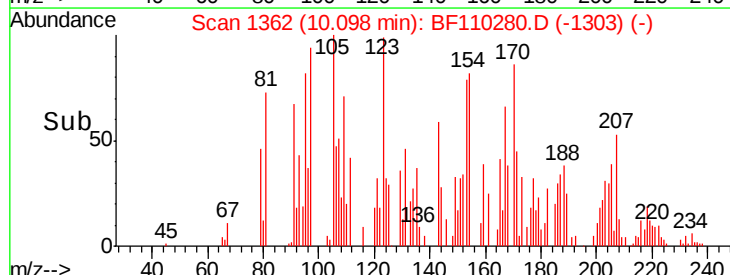
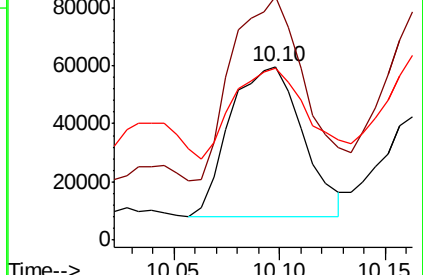
152 98.8 43.4 65.2#

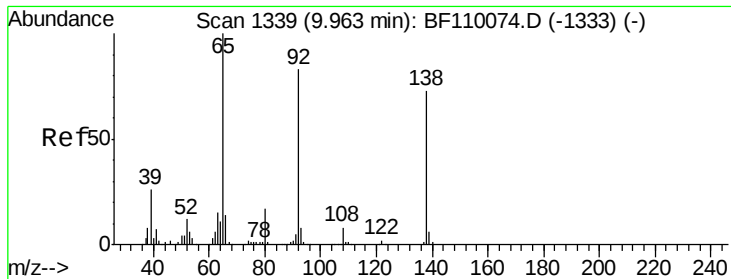


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

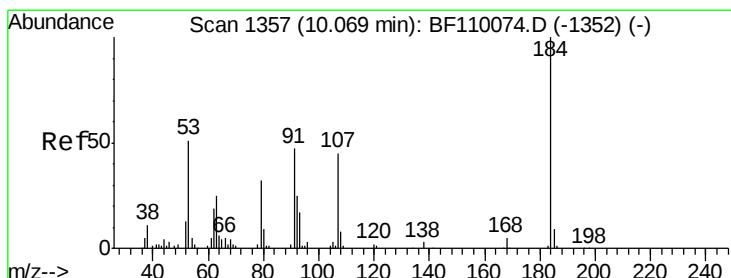
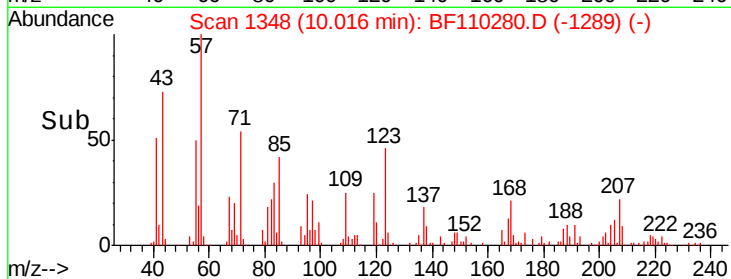
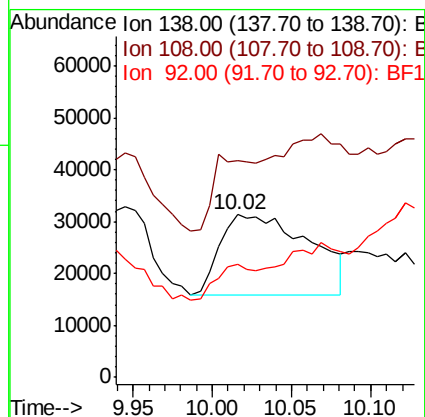
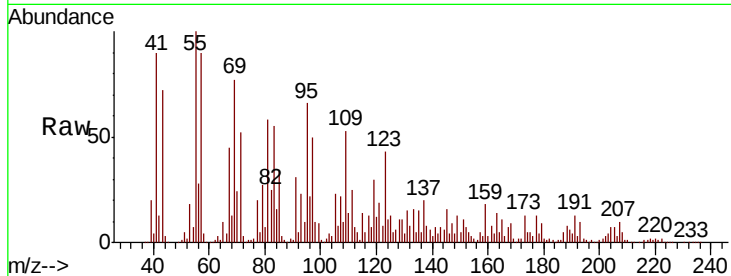




#53
3-Nitroaniline
Concen: 25.320 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.05 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

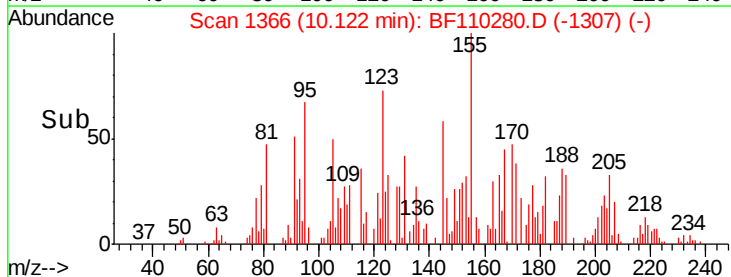
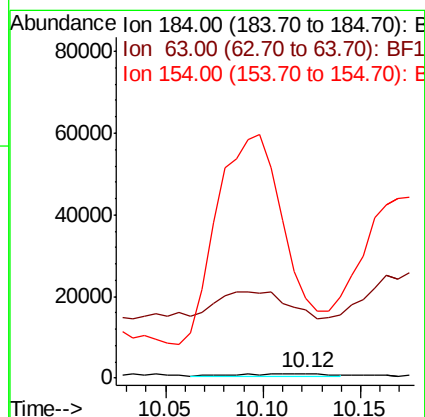
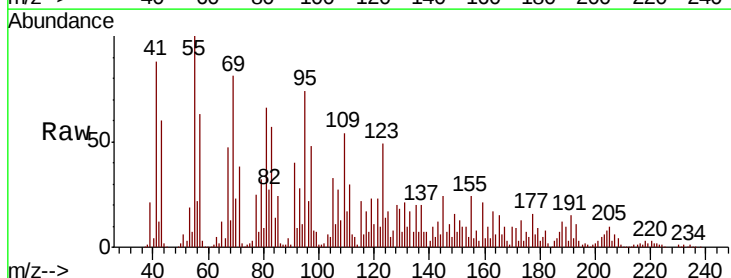
Instrument :
BNA_F
ClientSampleId :

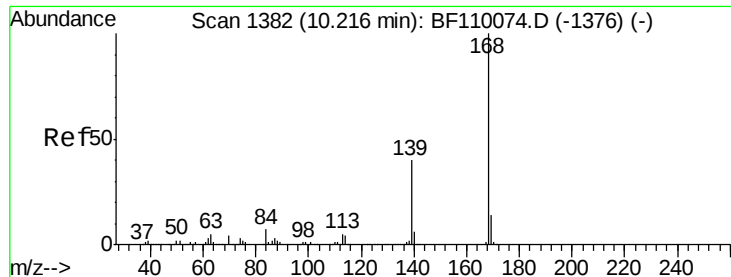
Tot Ion:138 Resp: 60824
Ion Ratio Lower Upper
138 100
108 133.4 8.7 13.1#
92 69.7 97.0 145.4#



#54
2,4-Dinitrophenol
Concen: 7.270 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.05 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion:184 Resp: 1796
Ion Ratio Lower Upper
184 100
63 1458.5 55.8 83.6#
154 1703.8 63.2 94.8#

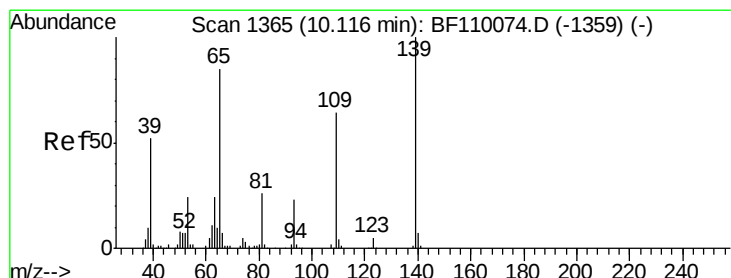
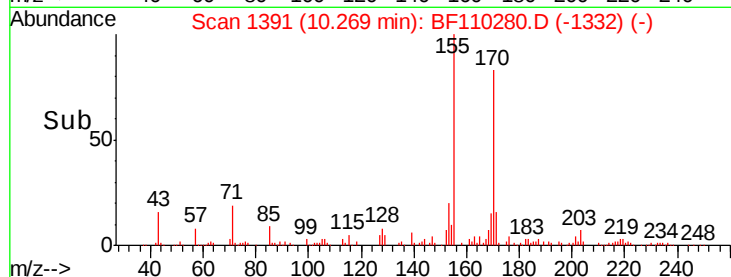
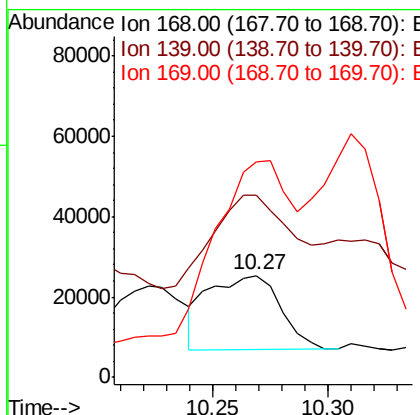
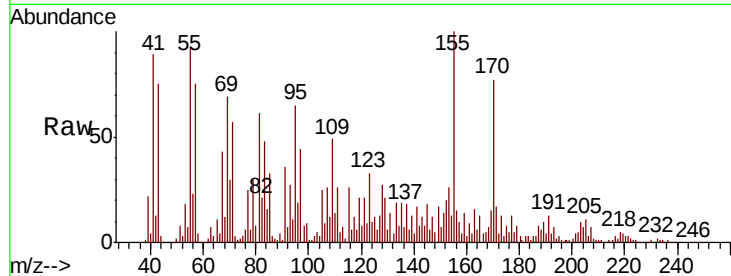




#55
Dibenzofuran
Concen: 3.534 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.05 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

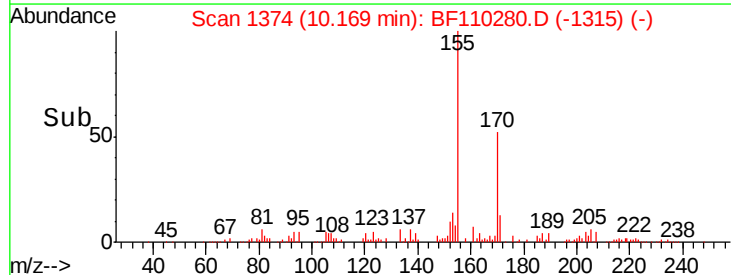
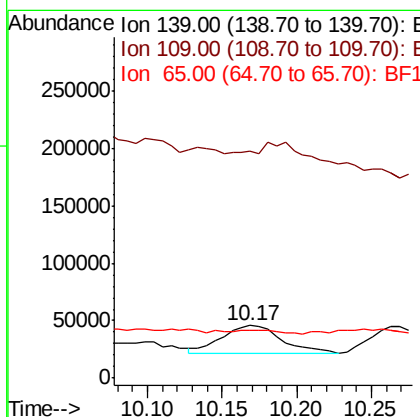
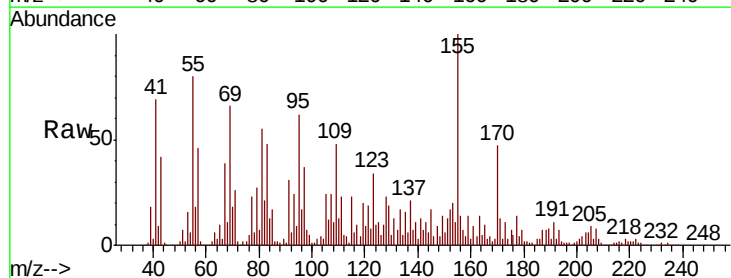
Instrument :
BNA_F
ClientSampleId :

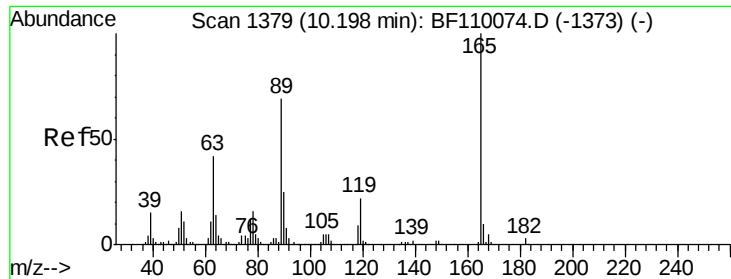
Tot Ion:168 Resp: 39846
Ion Ratio Lower Upper
168 100
139 179.3 33.0 49.6#
169 212.3 11.3 16.9#



#56
4-Nitrophenol
Concen: 37.520 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.05 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion:139 Resp: 66706
Ion Ratio Lower Upper
139 100
109 432.3 55.8 95.8#
65 90.4 77.9 117.9

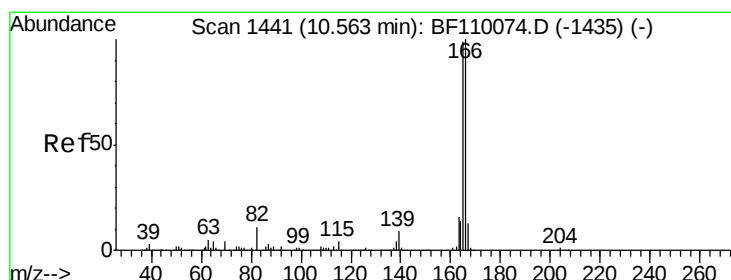
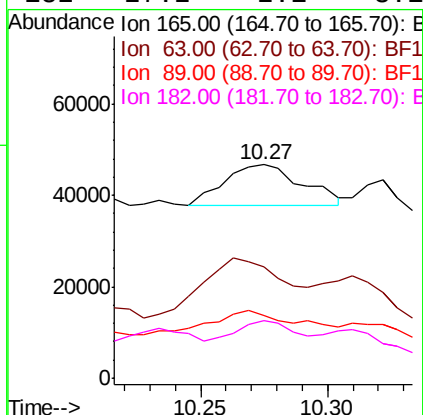
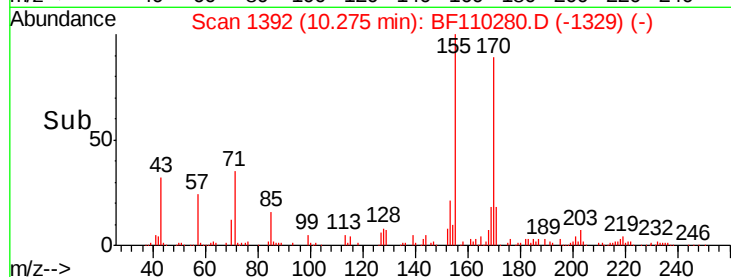
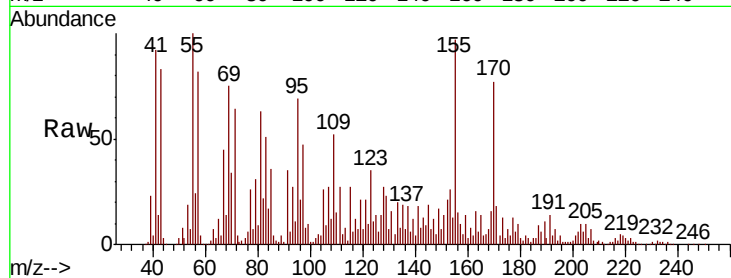




#57
2,4-Dinitrotoluene
Concen: 7.289 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.07 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

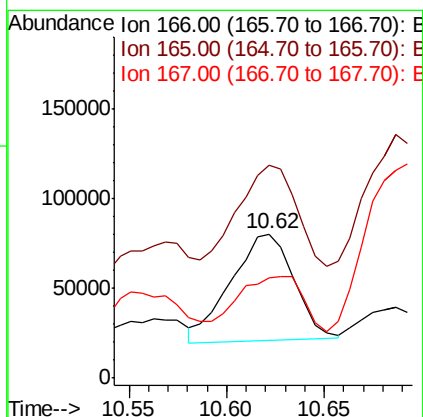
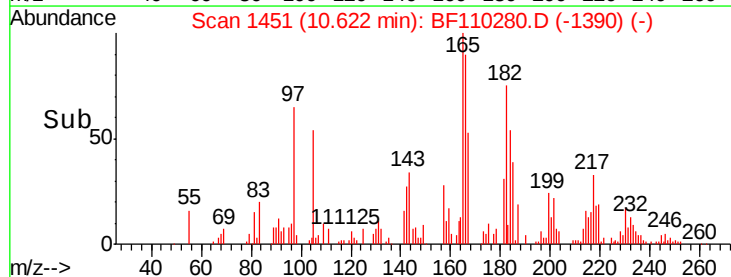
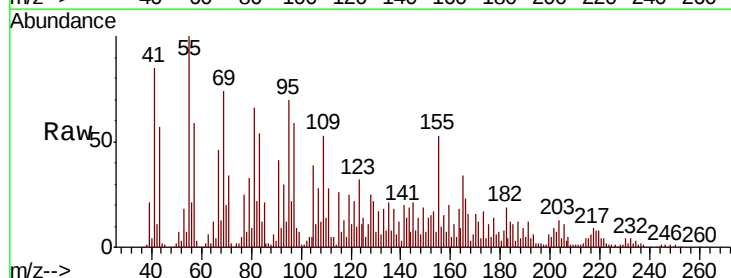
Instrument :
BNA_F
ClientSampleId :

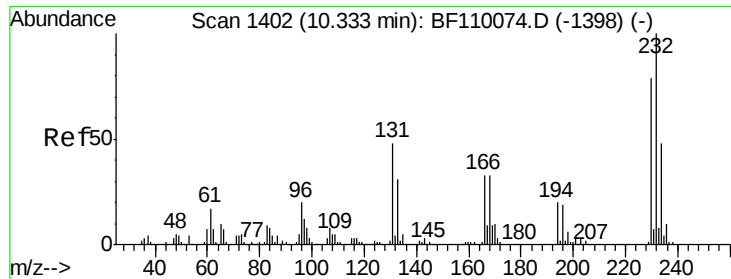
Tot Ion:165 Resp: 18701
Ion Ratio Lower Upper
165 100
63 52.0 44.8 67.2
89 29.4 62.2 93.4#
182 27.2 2.1 3.1#



#58
Fluorene
Concen: 15.807 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.06 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion:166 Resp: 132621
Ion Ratio Lower Upper
166 100
165 147.9 78.6 117.8#
167 69.9 10.8 16.2#

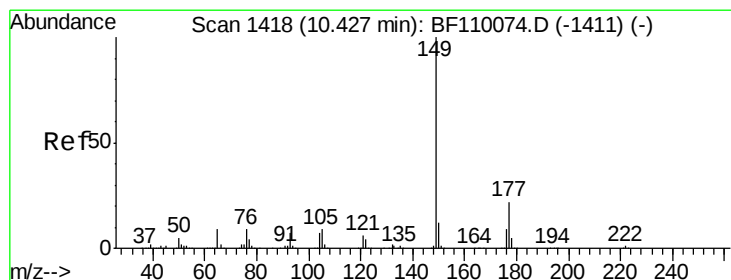
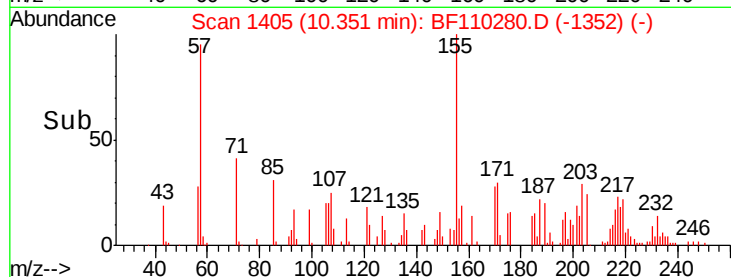
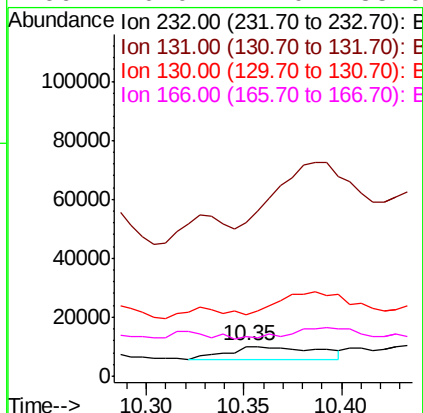
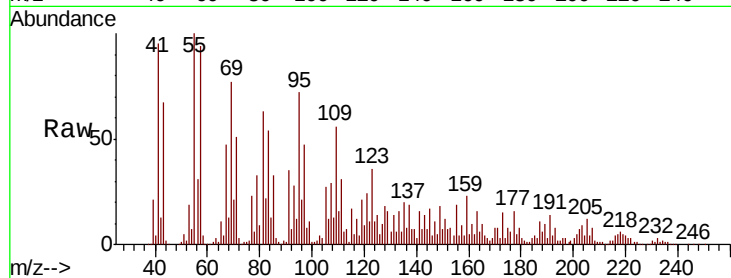




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.144 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. 0.01 min
 Lab File: BF110280.D
 Acq: 29 Oct 2018 23:33

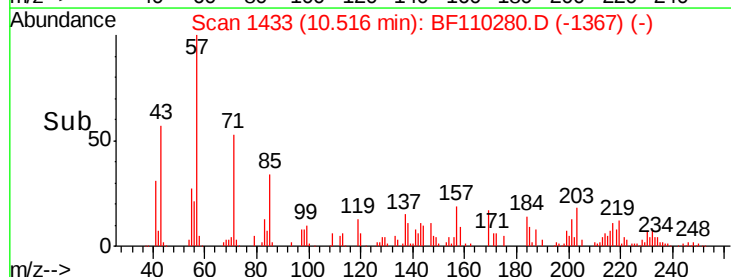
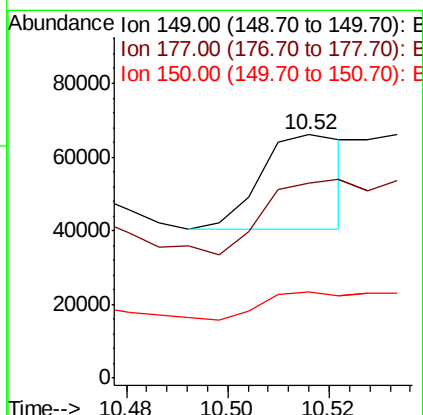
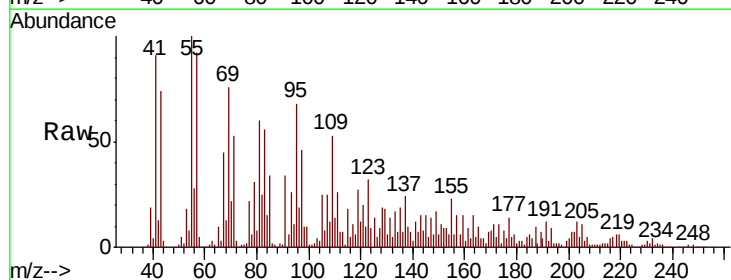
Instrument :
 BNA_F
 ClientSampled :

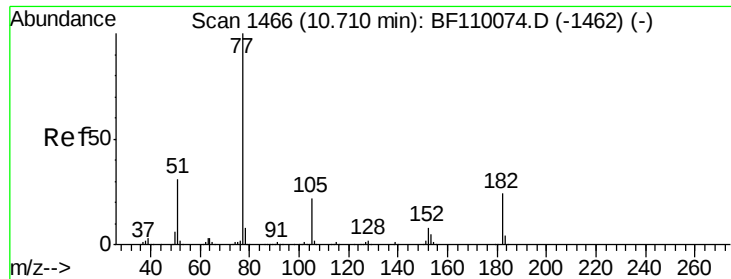
Tot Ion:232 Resp: 13515
 Ion Ratio Lower Upper
 232 100
 131 0.0 37.0 55.4#
 130 0.0 1.8 2.6#
 166 0.0 22.0 33.0#



#60
 Diethylphthalate
 Concen: 3.218 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.09 min
 Lab File: BF110280.D
 Acq: 29 Oct 2018 23:33

Tgt Ion:149 Resp: 29457
 Ion Ratio Lower Upper
 149 100
 177 79.9 17.4 26.2#
 150 35.3 9.8 14.8#





#63

Azobenzene

Concen: 3.917 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.02 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 35591

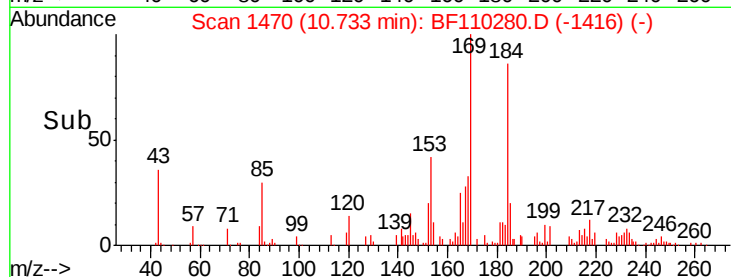
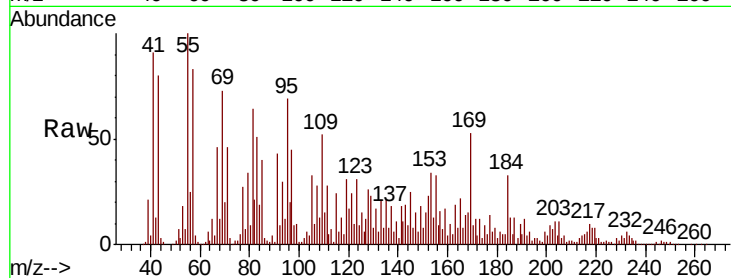
Ion Ratio Lower Upper

77 100

182 18.0 4.3 44.3

105 119.4 1.3 41.3#

51 24.2 9.0 49.0

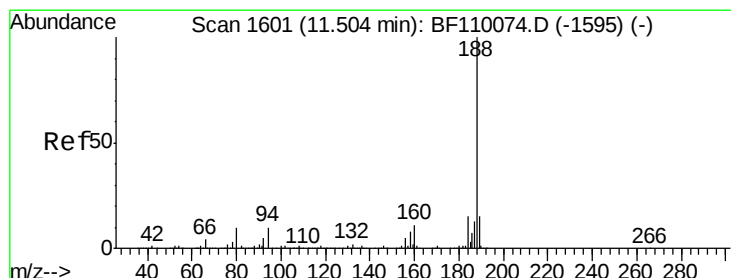
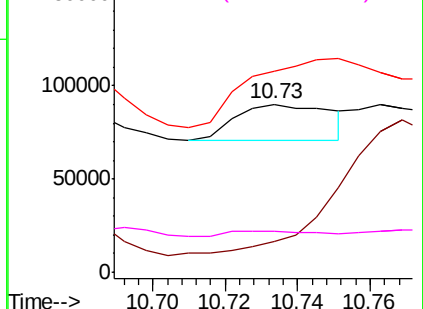


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.57 min Scan# 1613

Delta R.T. 0.06 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

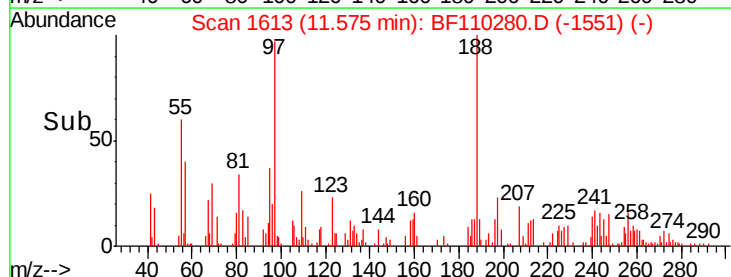
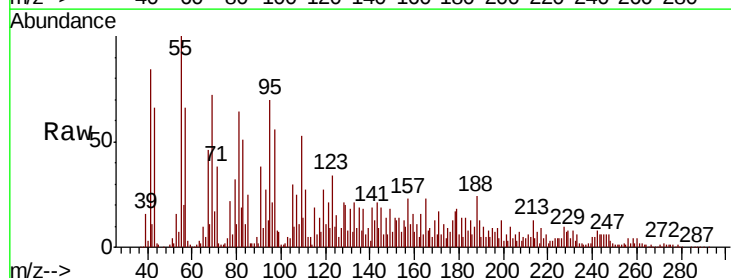
Tgt Ion: 188 Resp: 101347

Ion Ratio Lower Upper

188 100

94 56.5 7.2 10.8#

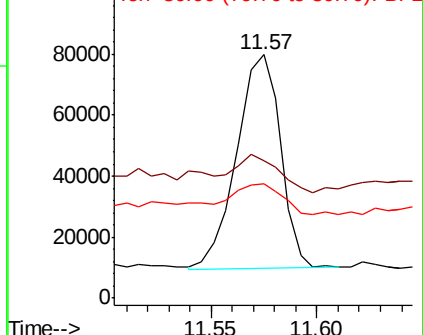
80 47.1 7.9 11.9#

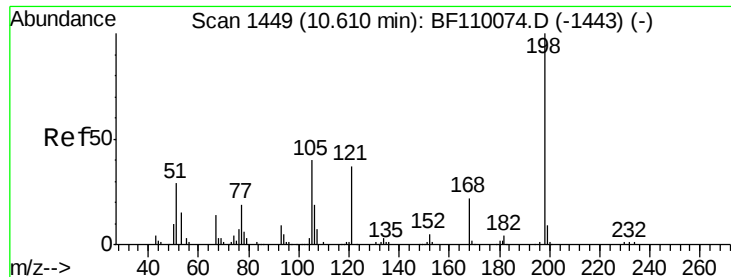


Abundance Ion 188.00 (187.70 to 188.70): E

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: 3.894 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.07 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampleId :

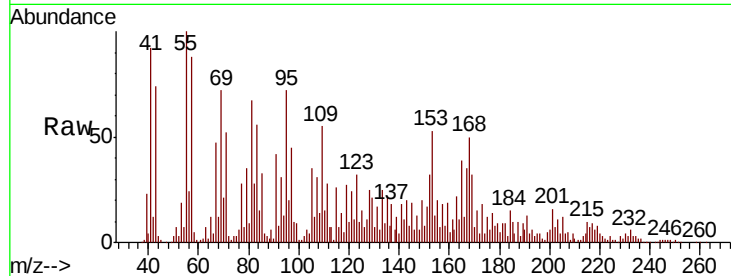
Tot Ion:198 Resp: 1803

Ion Ratio Lower Upper

198 100

51 760.1 22.8 62.8#

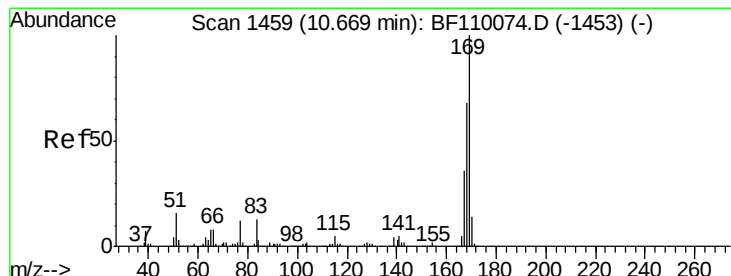
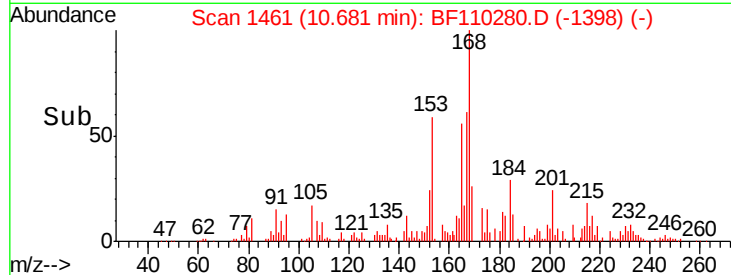
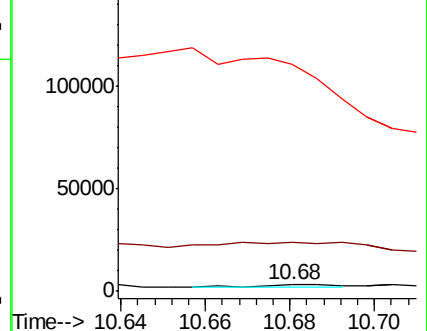
105 3566.4 23.6 63.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 100.290 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.06 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

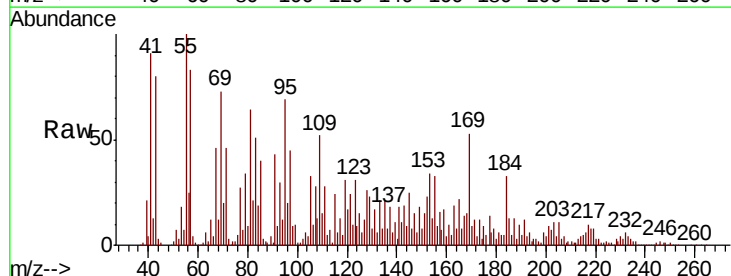
Tgt Ion:169 Resp: 333384

Ion Ratio Lower Upper

169 100

168 27.6 51.2 76.8#

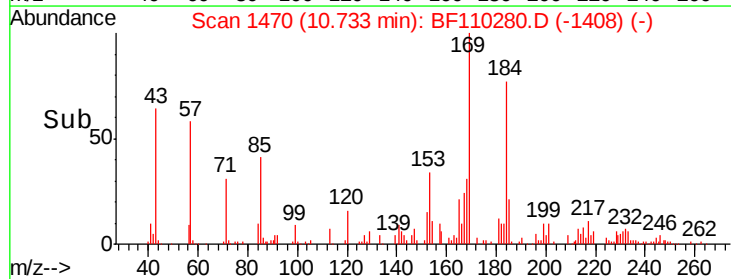
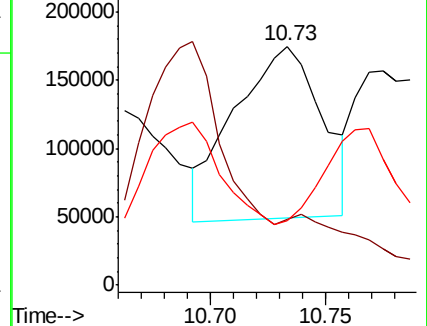
167 26.9 27.8 41.6#

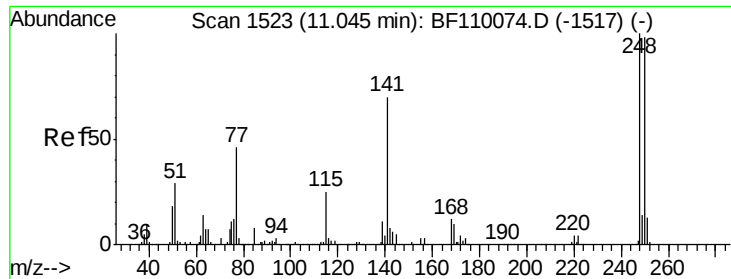


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

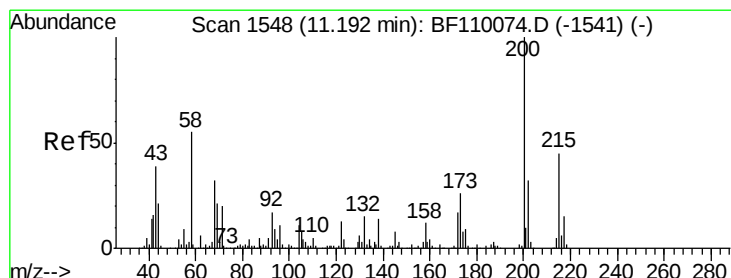
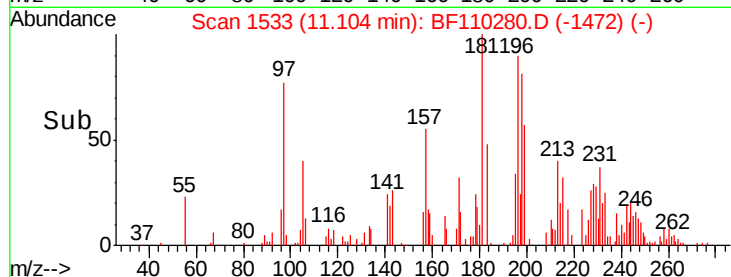
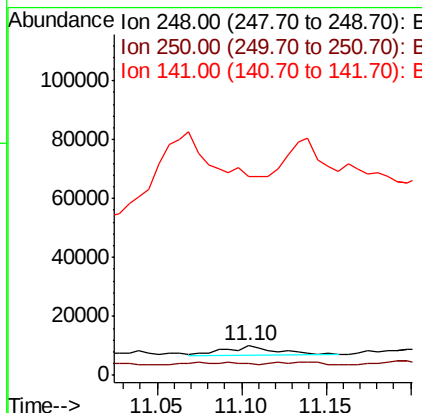
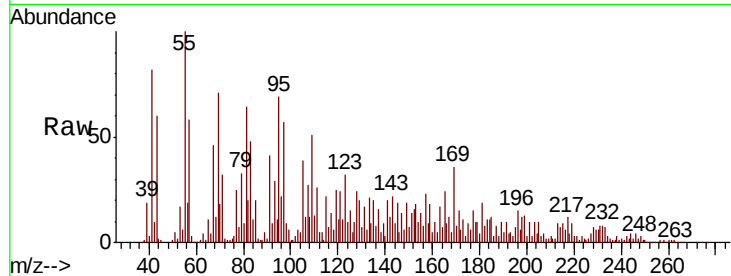




#67
4-Bromophenyl-phenylether
Concen: 6.248 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.06 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

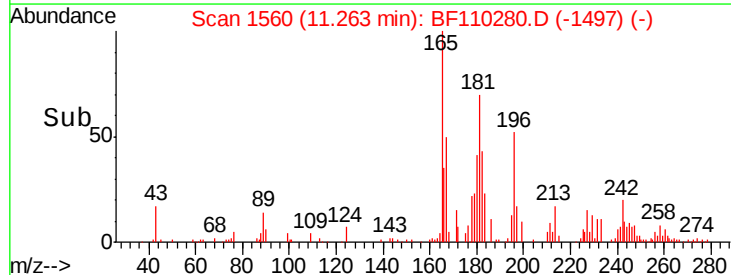
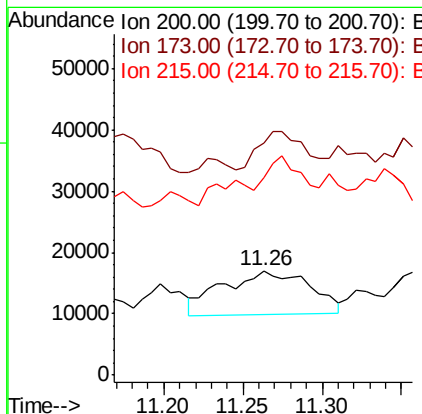
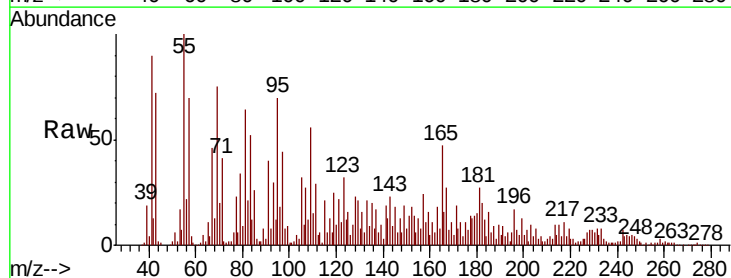
Instrument :
BNA_F
ClientSampleId :

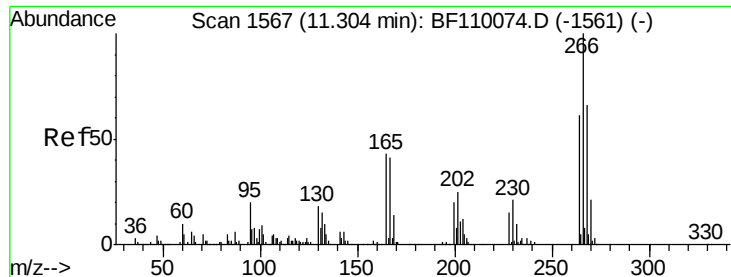
Tot Ion:248 Resp: 6869
Ion Ratio Lower Upper
248 100
250 42.0 79.4 119.2#
141 672.8 55.9 83.9#



#69
Atrazine
Concen: 26.097 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.07 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion:200 Resp: 27415
Ion Ratio Lower Upper
200 100
173 221.8 6.6 46.6#
215 188.7 26.3 66.3#





#70

Pentachlorophenol

Concen: 2.035 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.05 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampleId :

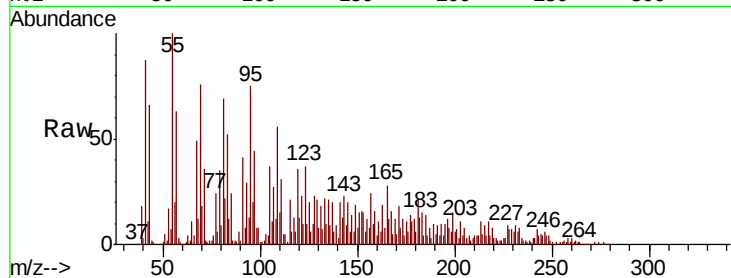
Tot Ion:266 Resp: 1384

Ion Ratio Lower Upper

266 100

268 30.0 50.6 75.8#

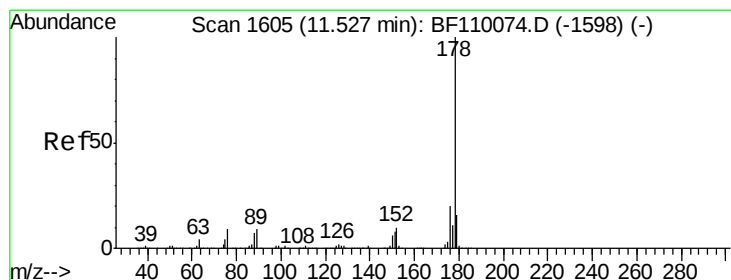
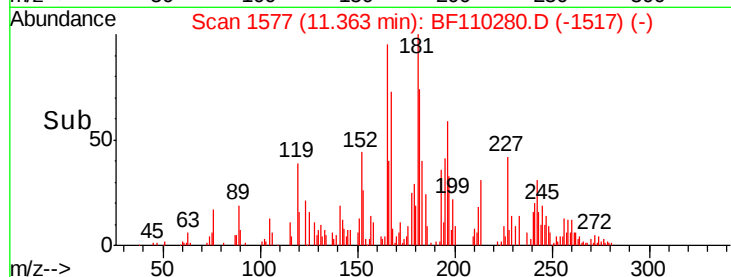
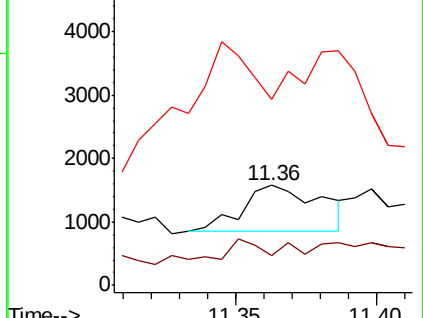
264 185.9 50.6 75.8#



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: 69.012 ng

RT: 11.60 min Scan# 1617

Delta R.T. 0.06 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

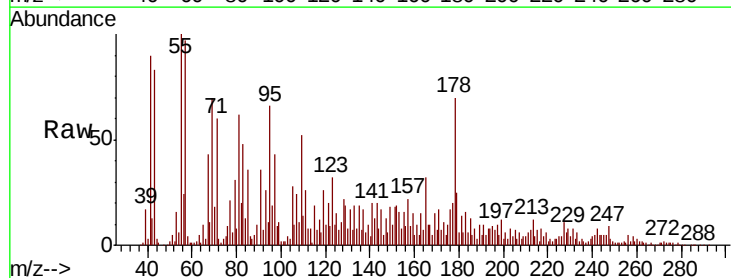
Tgt Ion:178 Resp: 365965

Ion Ratio Lower Upper

178 100

176 24.4 15.5 23.3#

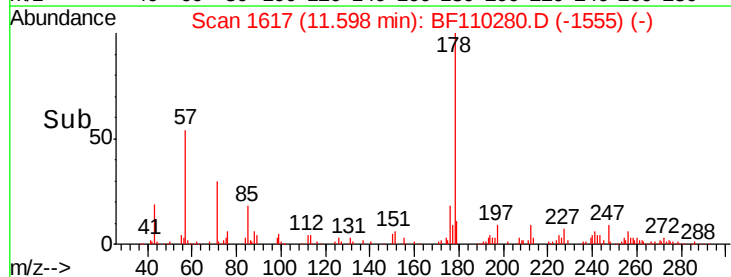
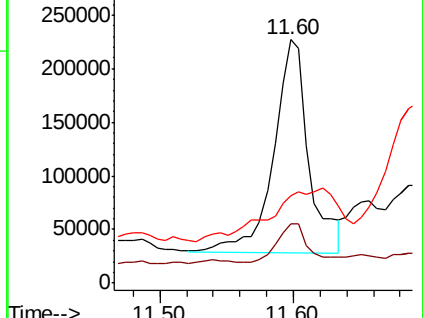
179 36.2 12.5 18.7#

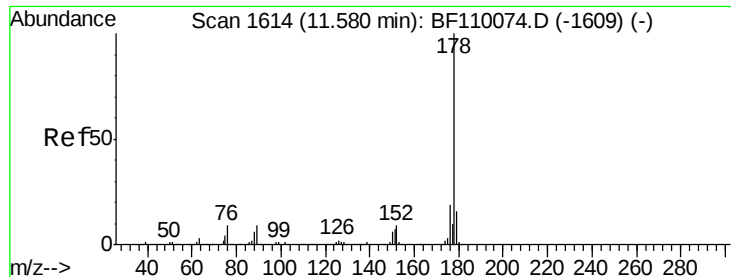


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 12.386 ng

RT: 11.66 min Scan# 1627

Delta R.T. 0.07 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampleId :

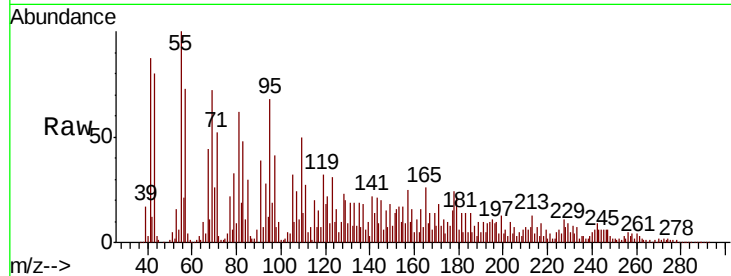
Tot Ion:178 Resp: 65837

Ion Ratio Lower Upper

178 100

176 33.1 15.4 23.2#

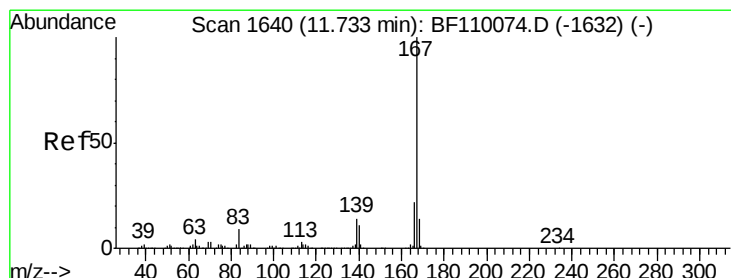
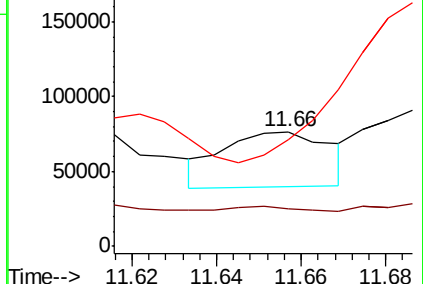
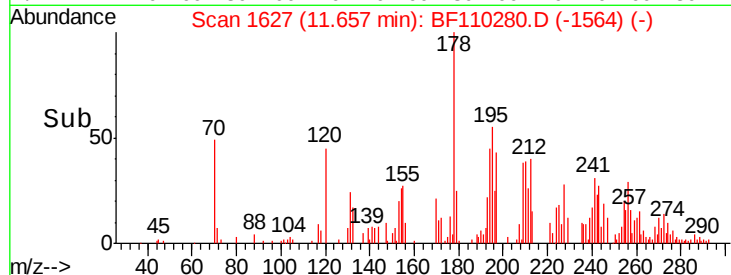
179 92.6 12.6 18.8#



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: 3.730 ng

RT: 11.77 min Scan# 1647

Delta R.T. 0.04 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

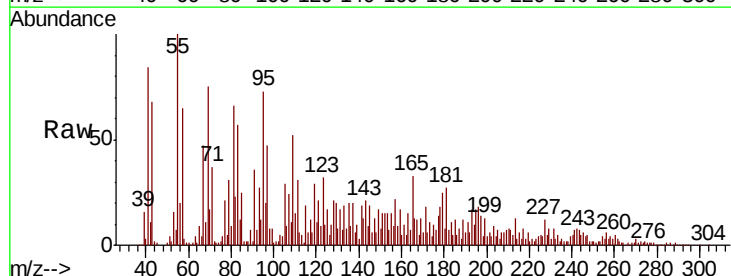
Tgt Ion:167 Resp: 19360

Ion Ratio Lower Upper

167 100

166 105.2 17.4 26.0#

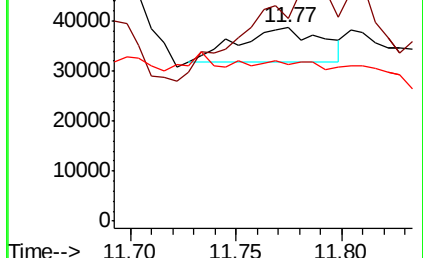
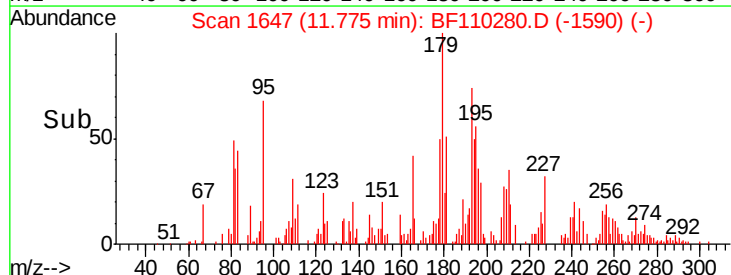
139 81.2 10.9 16.3#

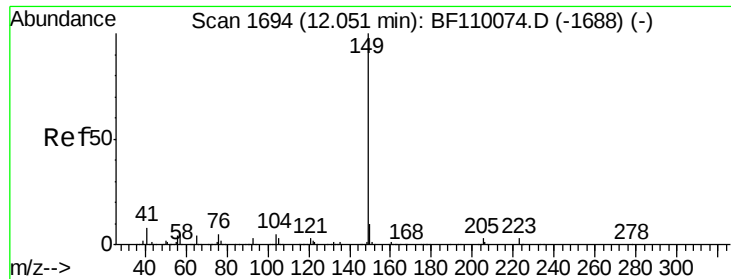


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 4.518 ng

RT: 12.12 min Scan# 1706

Delta R.T. 0.07 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampleId :

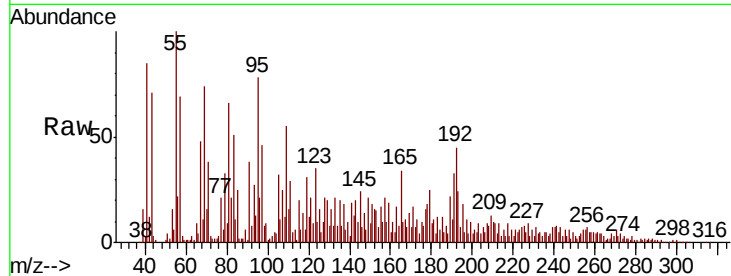
Tot Ion:149 Resp: 26484

Ion Ratio Lower Upper

149 100

150 43.5 7.7 11.5#

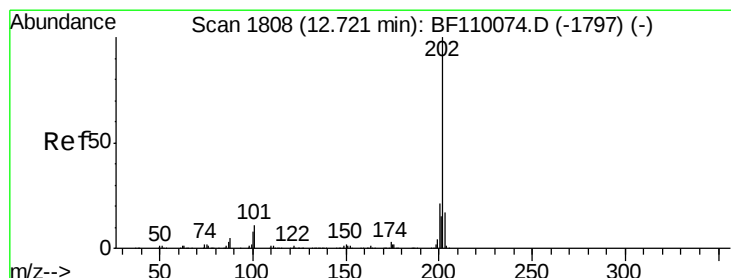
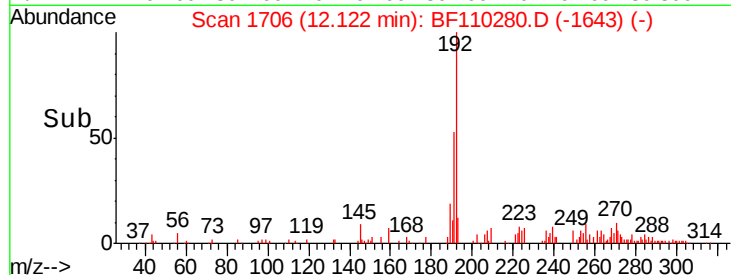
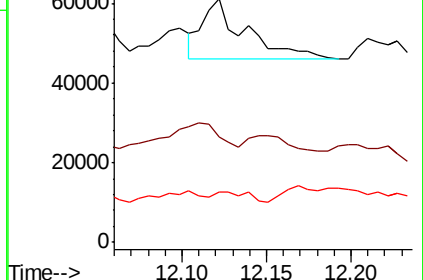
104 20.5 4.2 6.4#



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: 48.599 ng

RT: 13.02 min Scan# 1859

Delta R.T. 0.29 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

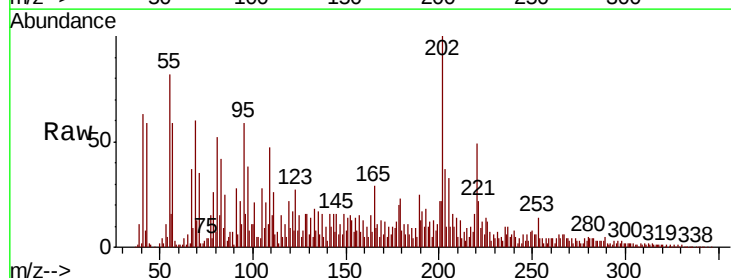
Tgt Ion:202 Resp: 261553

Ion Ratio Lower Upper

202 100

101 20.5 0.0 31.4

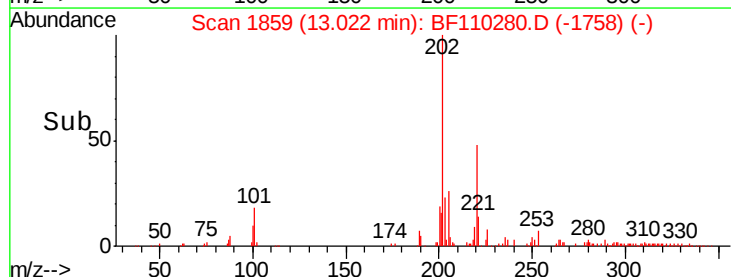
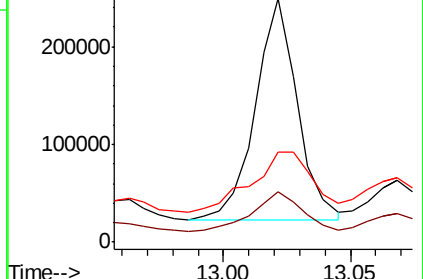
203 36.9 0.0 37.7

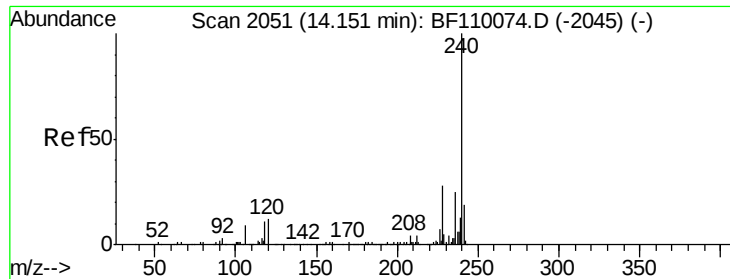


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

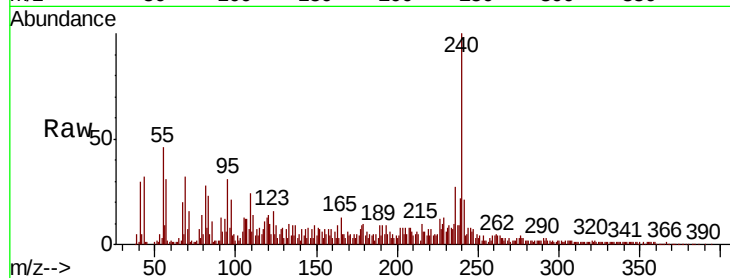




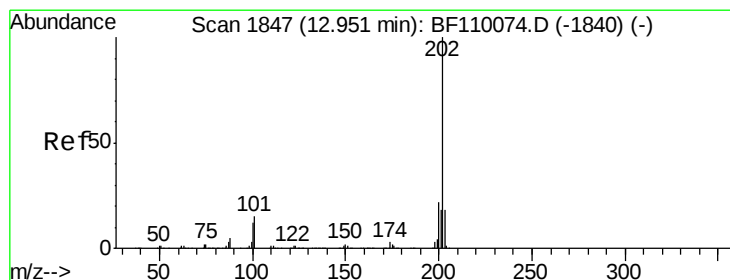
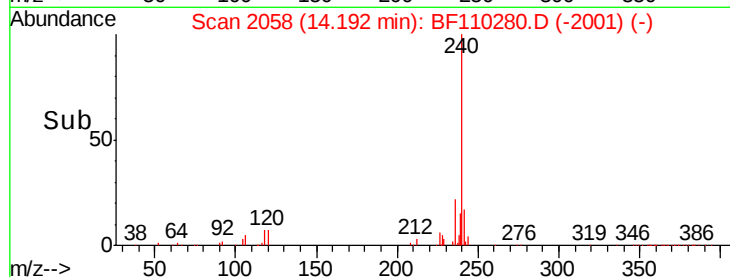
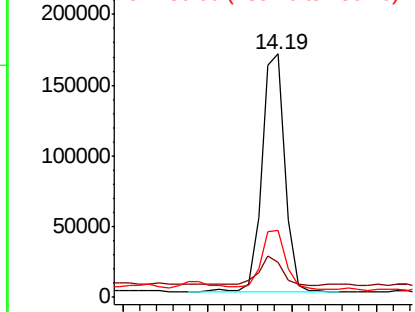
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.04 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	8.3	12.5#
236	27.5	21.2	31.8

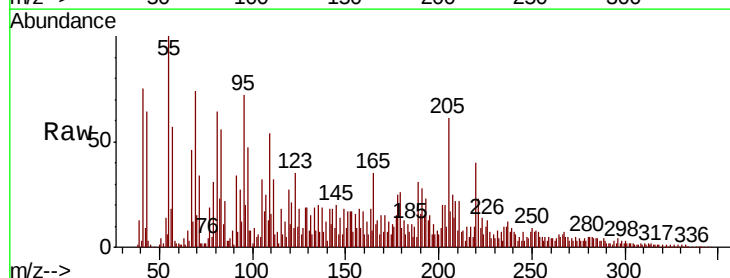


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

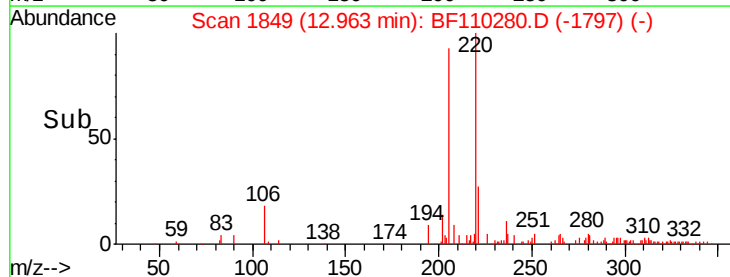
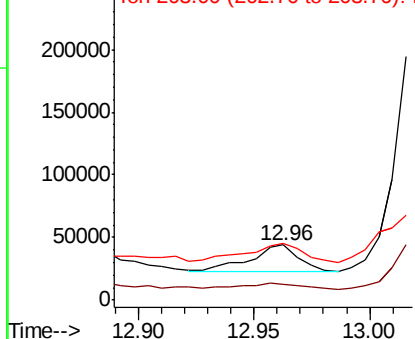


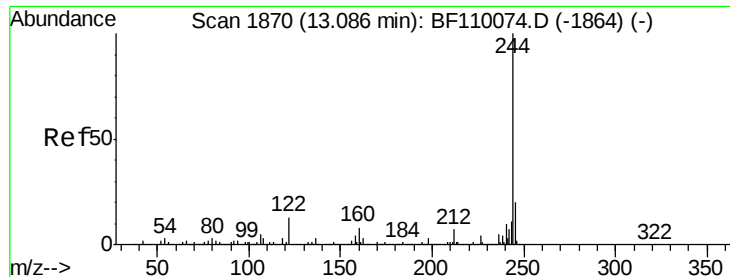
#78
Pyrene
Concen: 2.757 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	28.2	17.8	26.6#
203	102.3	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: 33.708 ng

RT: 13.14 min Scan# 1879

Delta R.T. 0.05 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampleId :

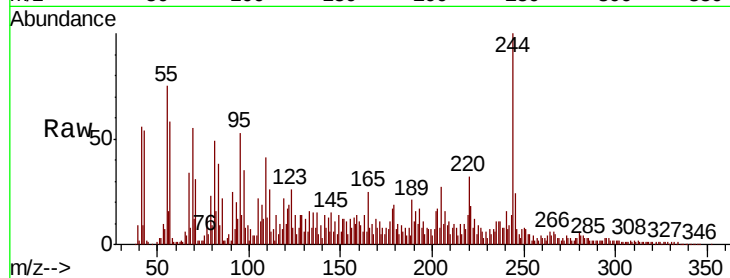
Tot Ion:244 Resp: 255425

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

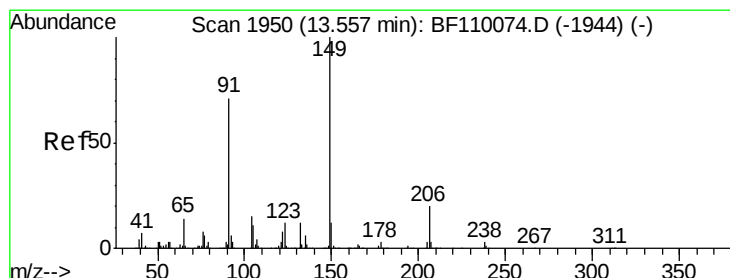
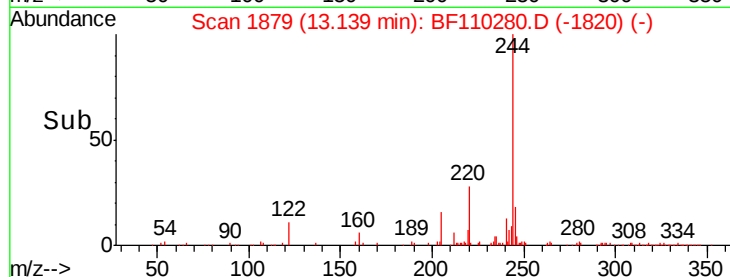
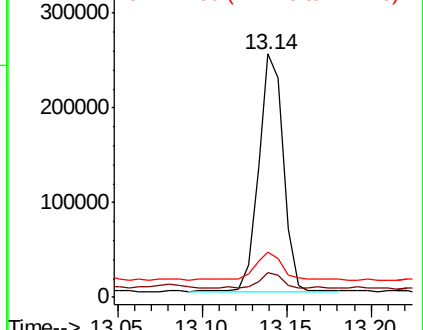
122 18.8 8.7 13.1#



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: 2.109 ng

RT: 13.48 min Scan# 1937

Delta R.T. -0.08 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

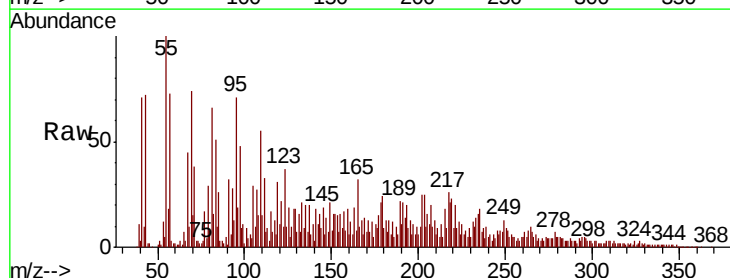
Tgt Ion:149 Resp: 10342

Ion Ratio Lower Upper

149 100

91 157.2 57.2 85.8#

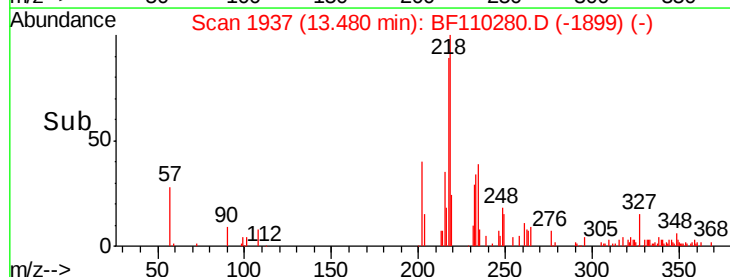
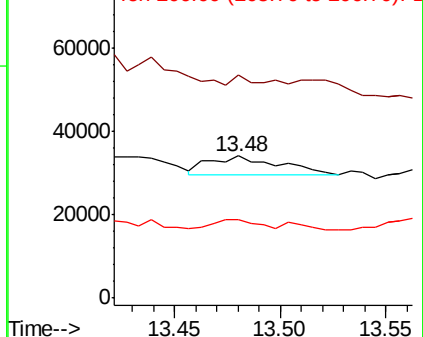
206 54.9 15.7 23.5#

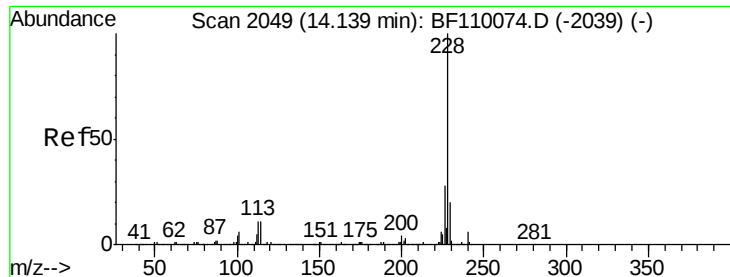


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 3.863 ng

RT: 14.18 min Scan# 2056

Delta R.T. 0.04 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

Instrument :

BNA_F

ClientSampleId :

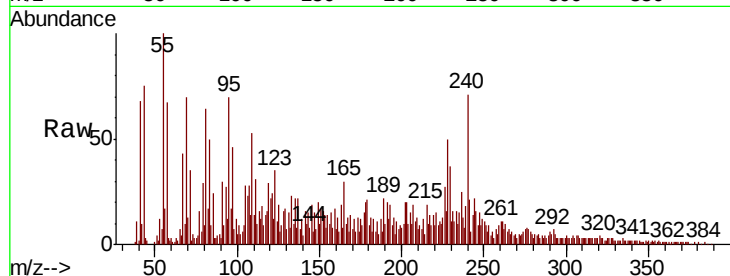
Tot Ion:228 Resp: 36099

Ion Ratio Lower Upper

228 100

226 53.9 22.1 33.1#

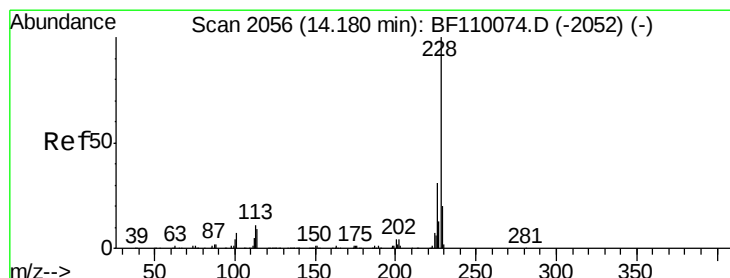
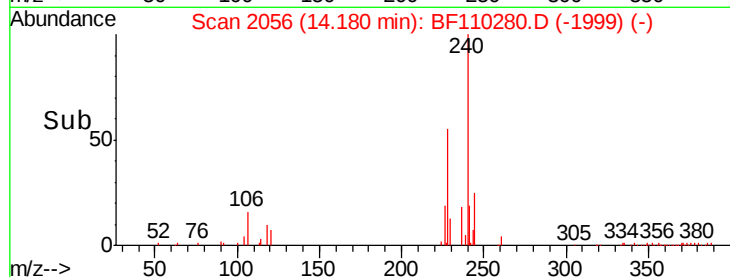
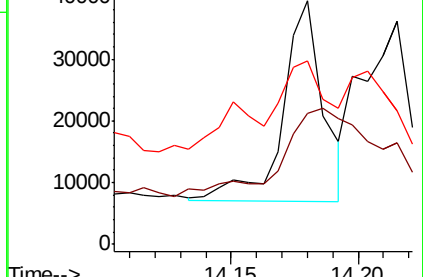
229 75.1 15.6 23.4#



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



#83

Chrysene

Concen: 4.529 ng

RT: 14.22 min Scan# 2062

Delta R.T. 0.03 min

Lab File: BF110280.D

Acq: 29 Oct 2018 23:33

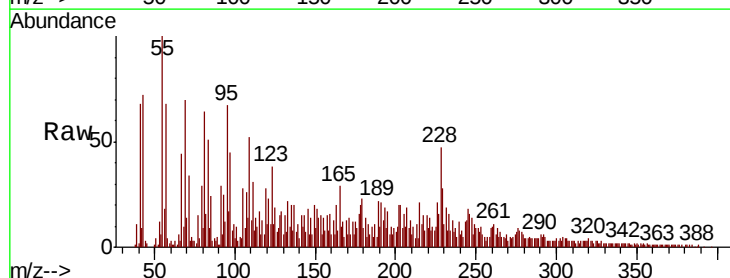
Tgt Ion:228 Resp: 40200

Ion Ratio Lower Upper

228 100

226 45.5 24.7 37.1#

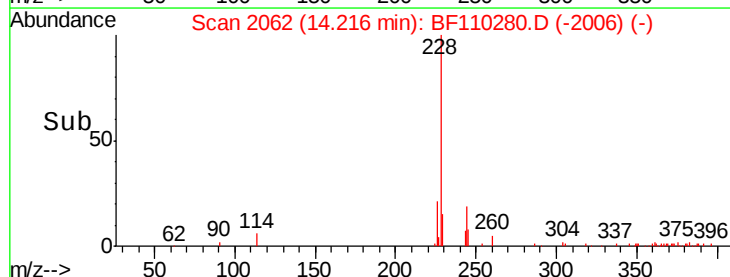
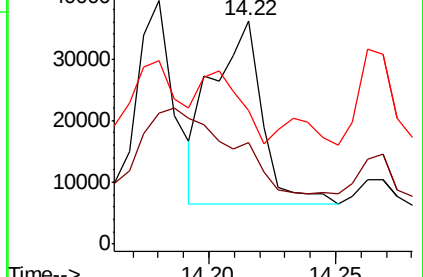
229 59.7 15.9 23.9#

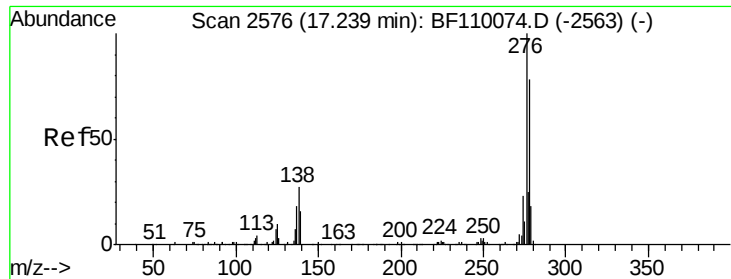


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

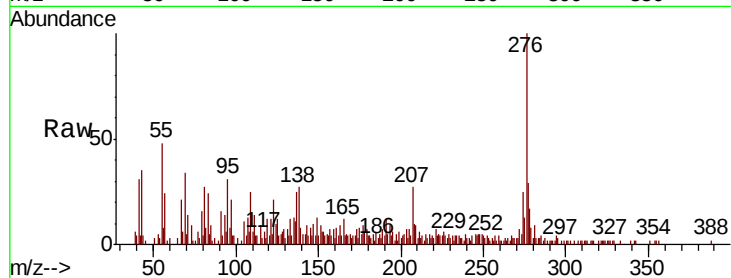




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 5.447 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. 0.01 min
 Lab File: BF110280.D
 Acq: 29 Oct 2018 23:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.5	27.7
277	24.4	20.0	30.0

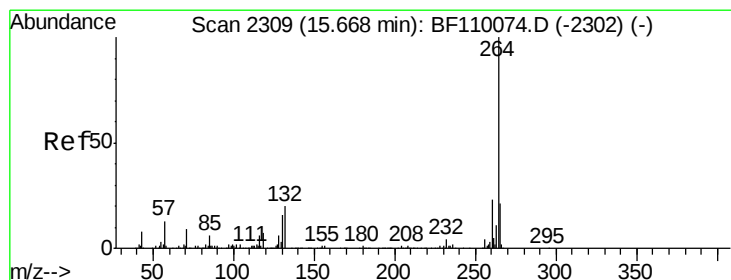
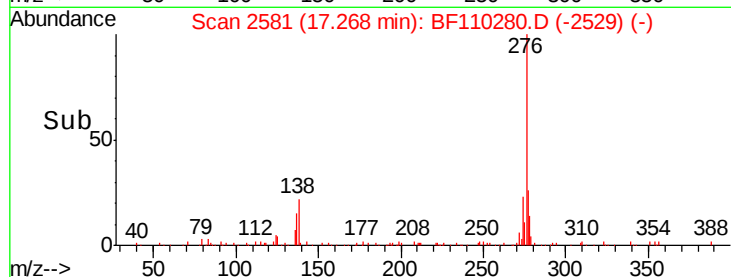
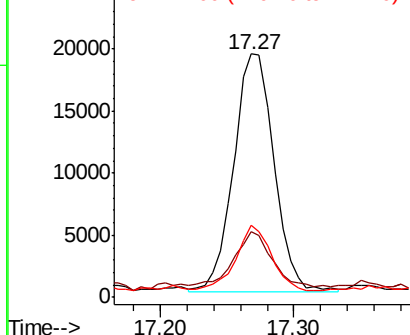


Abundance

Ion 276.00 (275.70 to 276.70): E

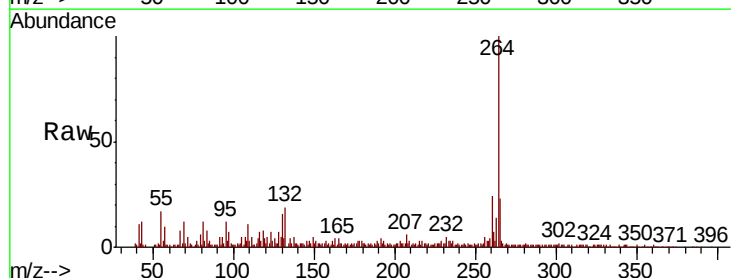
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. 0.02 min
 Lab File: BF110280.D
 Acq: 29 Oct 2018 23:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	23.1	16.7	25.1

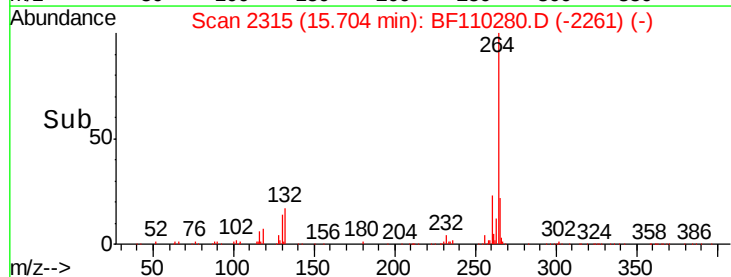
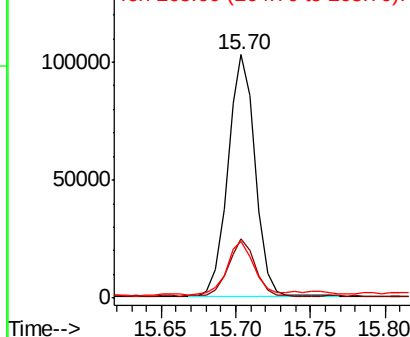


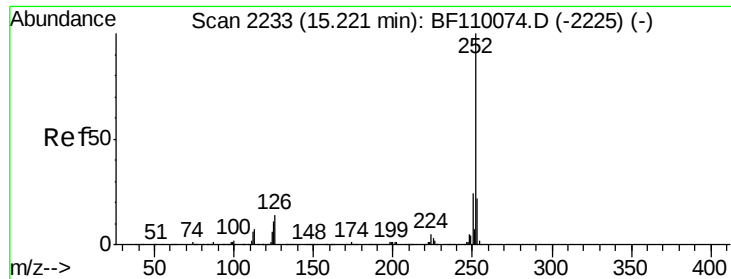
Abundance

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

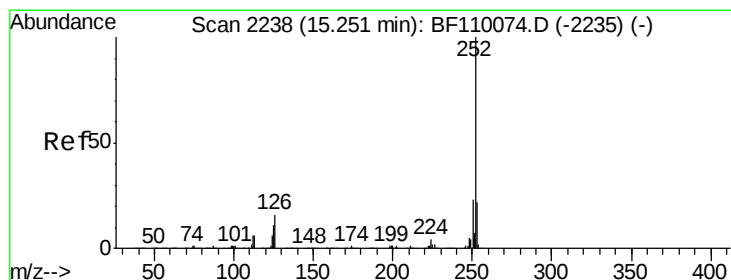
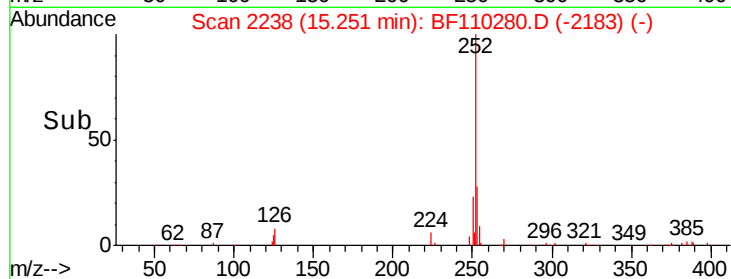
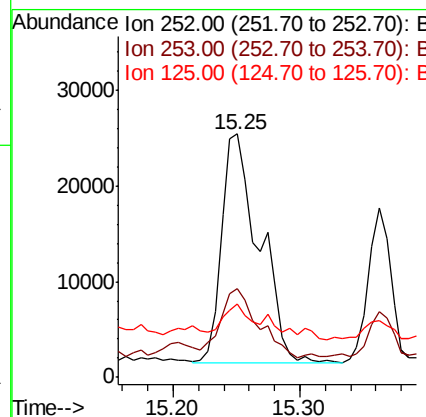
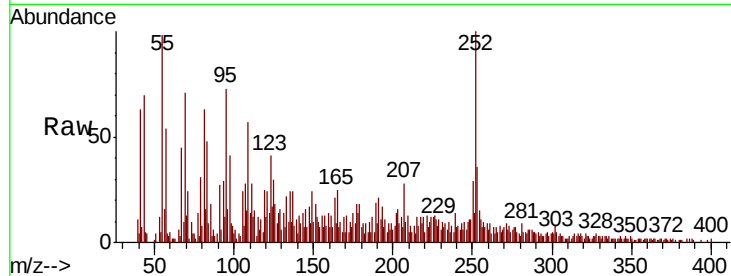




#88
Benzo(b)fluoranthene
Concen: 6.500 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

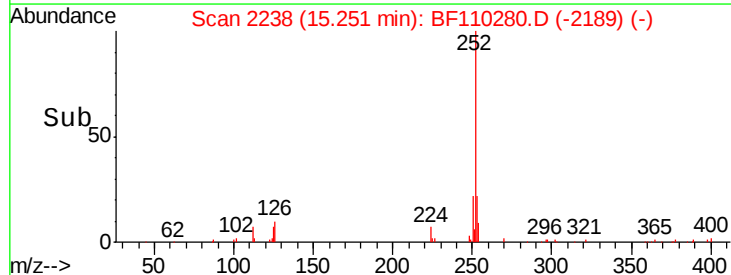
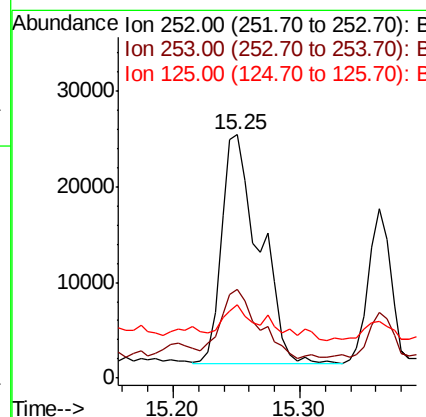
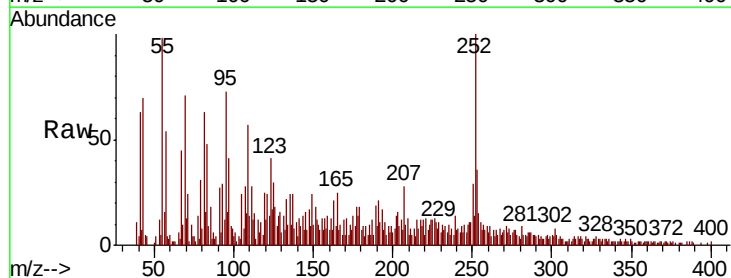
Instrument :
BNA_F
ClientSampleId :

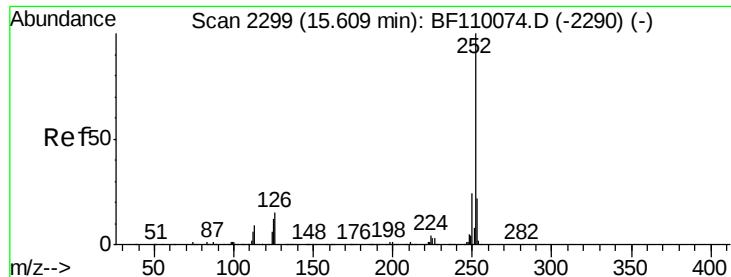
Tot Ion	Ratio	Lower	Upper
252	100		
253	36.3	17.2	25.8#
125	30.4	8.2	12.4#



#89
Benzo(k)fluoranthene
Concen: 6.612 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.3	17.2	25.8#
125	30.4	7.4	11.0#

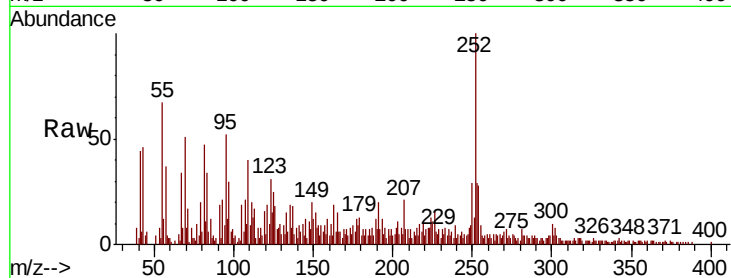




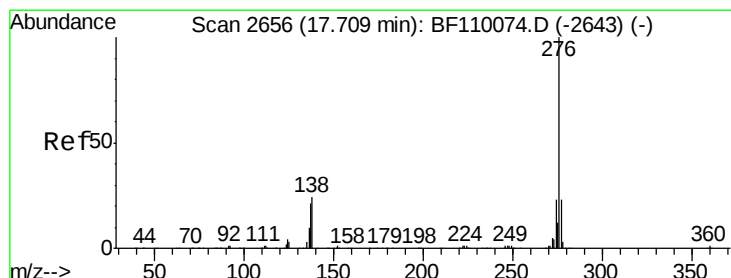
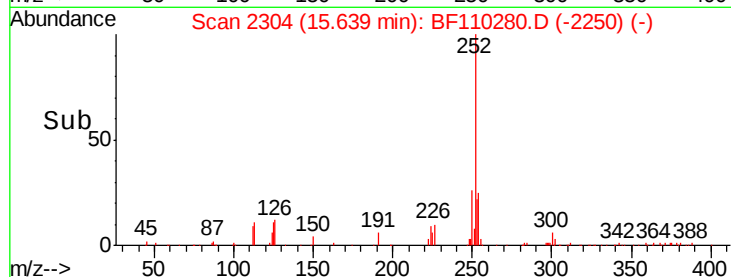
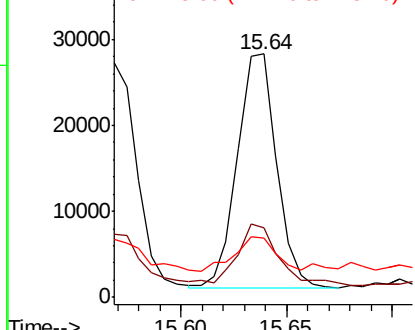
#90
Benzo(a)pyrene
Concen: 5.027 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.02 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 35244
Ion Ratio Lower Upper
252 100
253 28.7 18.2 27.4#
125 24.6 9.0 13.6#

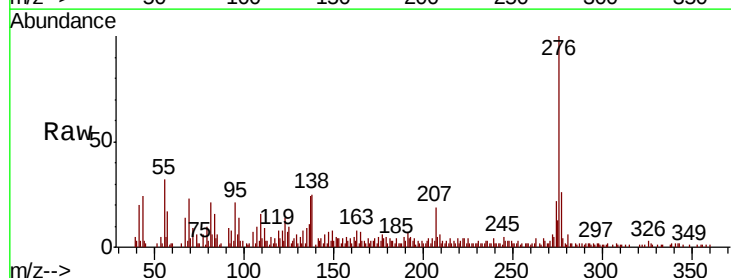


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.718 ng
RT: 17.75 min Scan# 2663
Delta R.T. 0.01 min
Lab File: BF110280.D
Acq: 29 Oct 2018 23:33

Tgt Ion:276 Resp: 57928
Ion Ratio Lower Upper
276 100
277 25.8 18.8 28.2
138 24.9 16.0 24.0#



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

