

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109202.D
 Acq On : 21 Sep 2018 00:26
 Operator : JU/SJ
 Sample : J4988-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 07:13:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

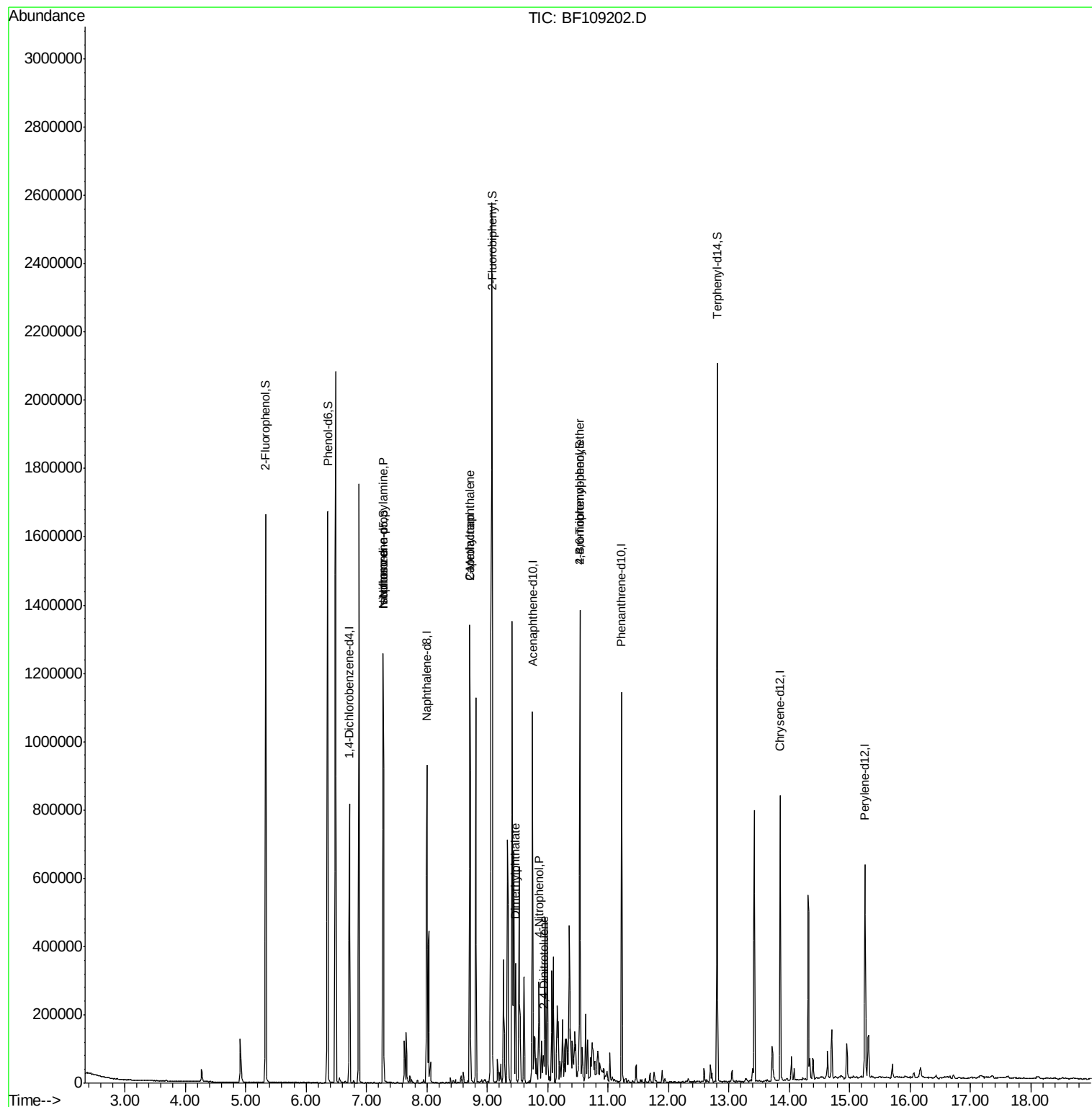
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	103303	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	360811	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	199889	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	394468	20.00	ng	0.00
75) Chrysene-d12	13.85	240	276696	20.00	ng	-0.01
86) Perylene-d12	15.25	264	278952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	470472	75.64	ng	0.00
7) Phenol-d6	6.36	99	630396	78.60	ng	0.00
23) Nitrobenzene-d5	7.28	82	423215	65.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	167204	77.08	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	725472	56.86	ng	0.00
78) Terphenyl-d14	12.81	244	726839	62.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	58521	11.039	ng	# 76
25) Isophorone	7.28	82	419864	37.969	ng	# 64
35) Caprolactam	8.71	113	7710	4.568	ng	# 1
37) 2-Methylnaphthalene	8.71	142	334638	30.654	ng	97
49) Dimethylphthalate	9.47	163	137889	9.652	ng	99
55) 4-Nitrophenol	9.85	139	7167	2.607	ng	# 21
56) 2,4-Dinitrotoluene	9.93	165	10203	2.462	ng	# 41
66) 4-Bromophenyl-phenylether	10.54	248	10204	2.295	ng	# 1

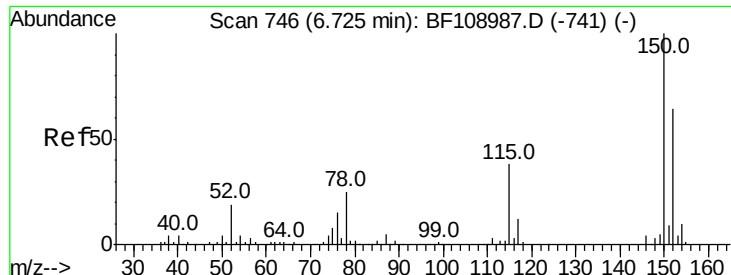
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109202.D
Acq On : 21 Sep 2018 00:26
Operator : JU/SJ
Sample : J4988-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 21 07:13:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



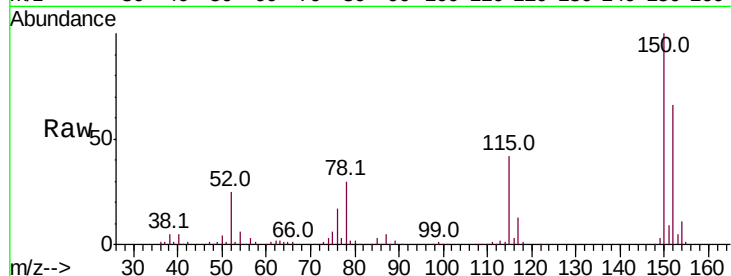


#1

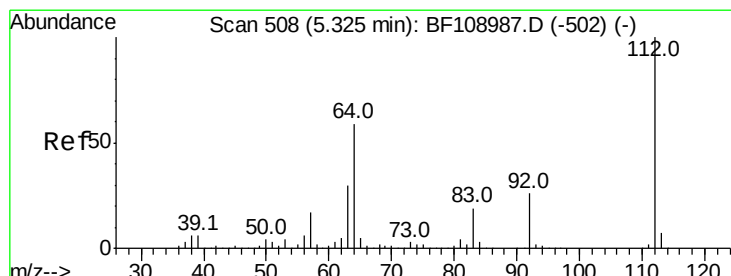
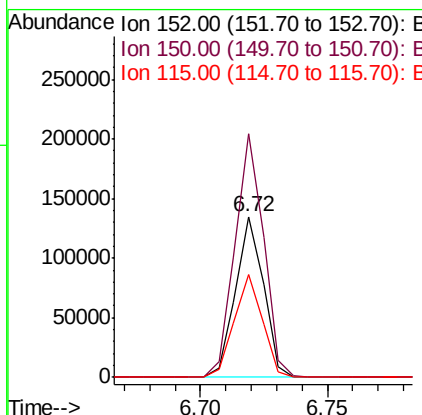
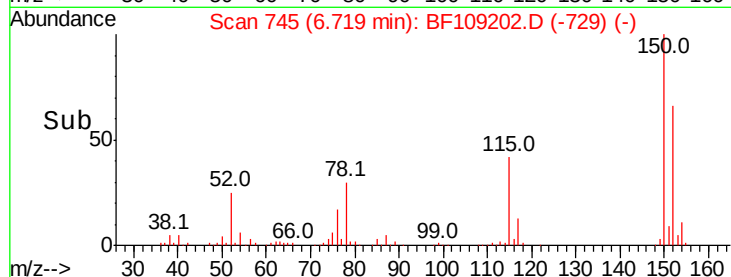
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103303
Ion Ratio Lower Upper
152 100
150 151.8 124.6 186.8
115 63.7 50.1 75.1



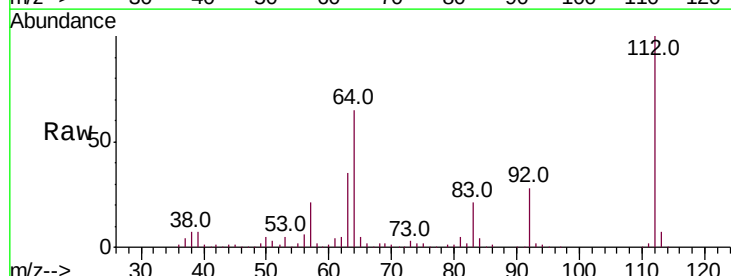
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



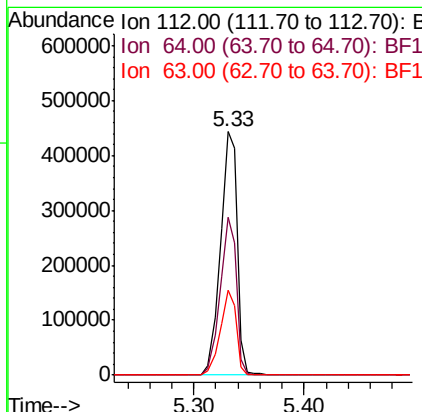
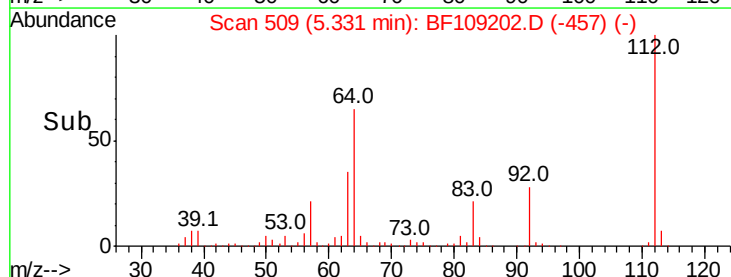
#5

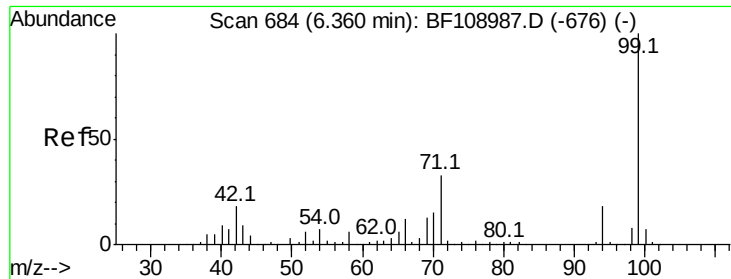
2-Fluorophenol
Concen: 75.641 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Tgt Ion:112 Resp: 470472
Ion Ratio Lower Upper
112 100
64 64.7 47.9 71.9
63 34.7 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: 78.602 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF109202.D

Acq: 21 Sep 2018 00:26

Instrument :

BNA_F

ClientSampled :

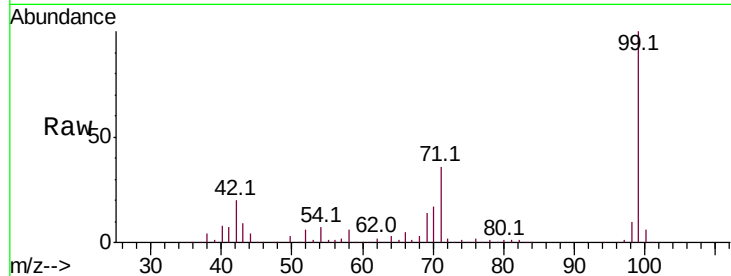
Tot Ion: 99 Resp: 630396

Ion Ratio Lower Upper

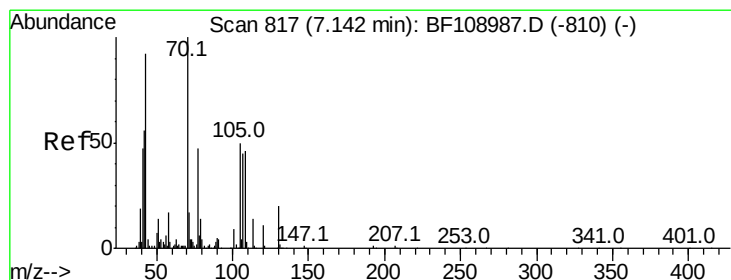
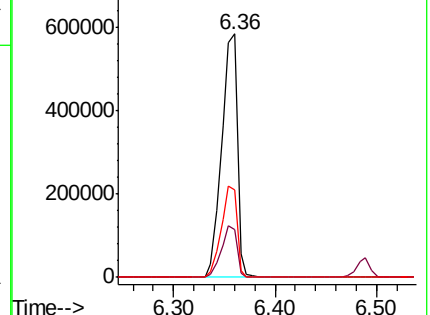
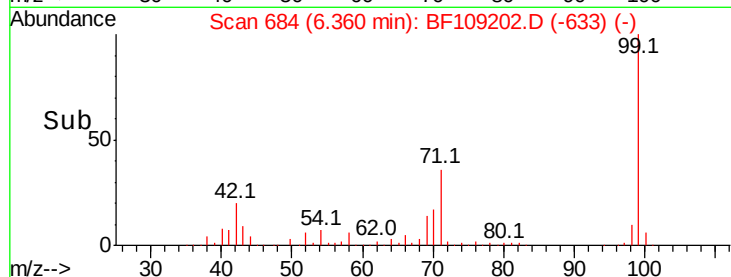
99 100

42 19.5 14.5 21.7

71 35.8 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.039 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109202.D

Acq: 21 Sep 2018 00:26

Tgt Ion: 70 Resp: 58521

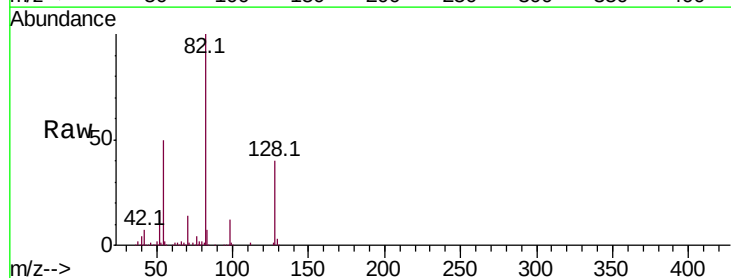
Ion Ratio Lower Upper

70 100

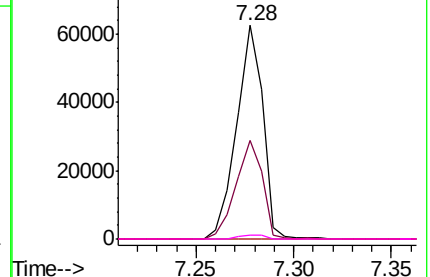
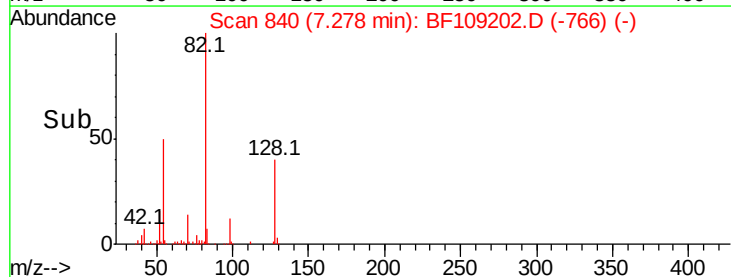
42 46.2 47.5 71.3#

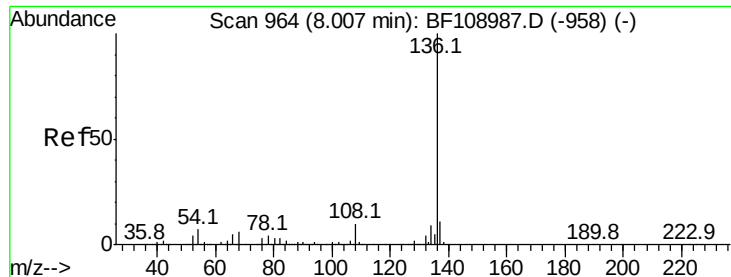
101 0.0 7.4 11.2#

130 1.9 16.6 25.0#



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

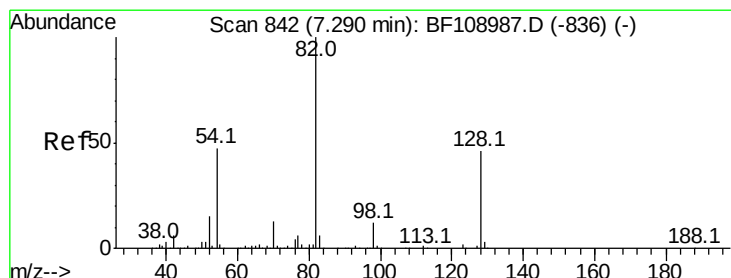
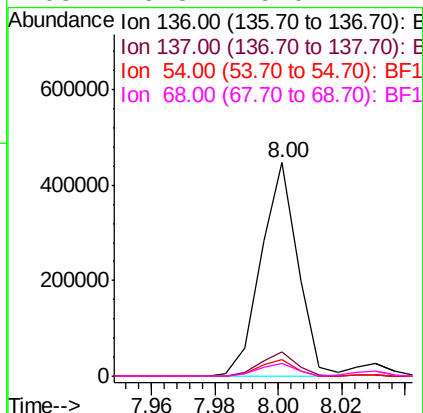
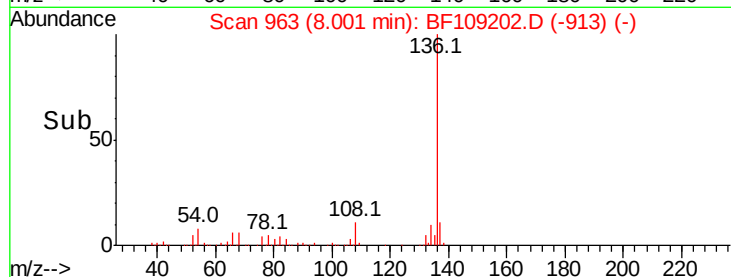
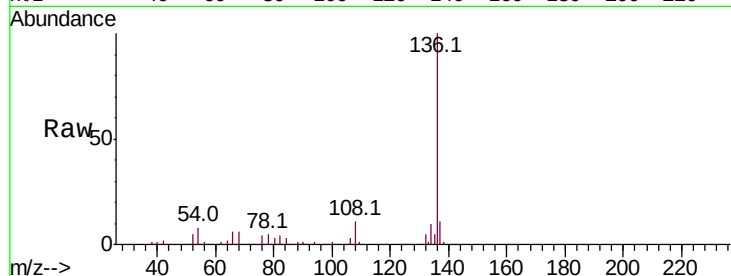




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

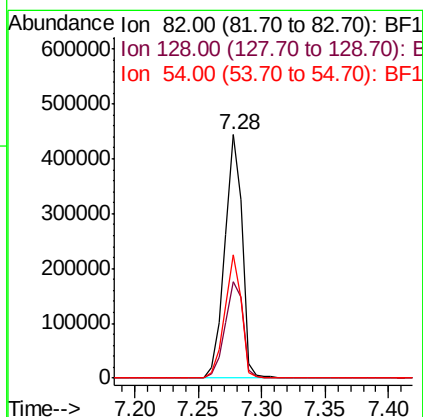
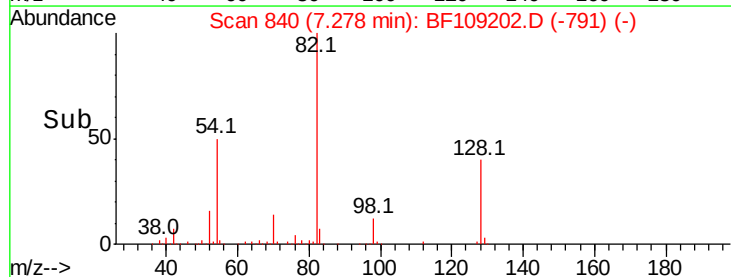
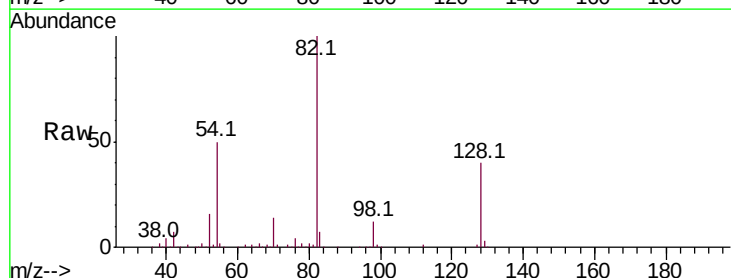
Instrument :
BNA_F
ClientSampleId :

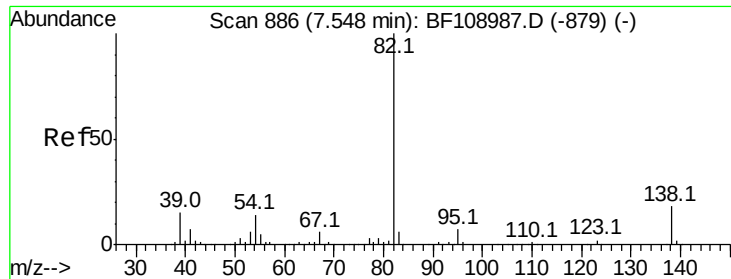
Tot Ion:136	Resp:	360811
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 7.7	6.6	9.8
68 5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 65.789 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Tgt	Ion: 82	Resp:	423215
Ion	Ratio	Lower	Upper
82	100		
128	39.7	36.1	54.1
54	50.5	41.4	62.2





#25

Isophorone

Concen: 37.969 ng

RT: 7.28 min Scan# 840

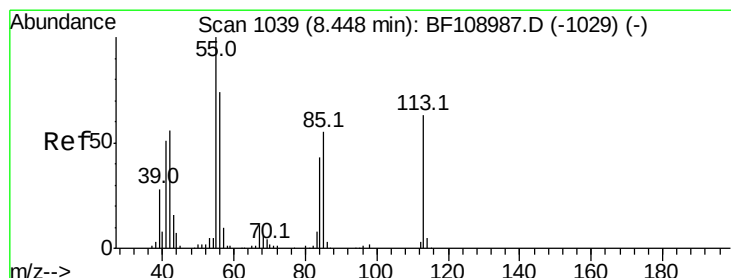
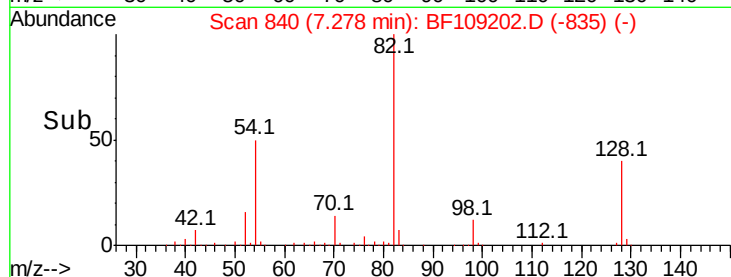
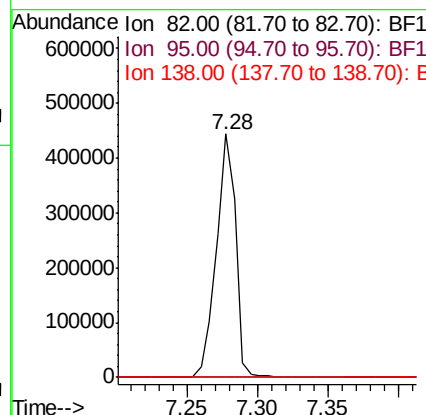
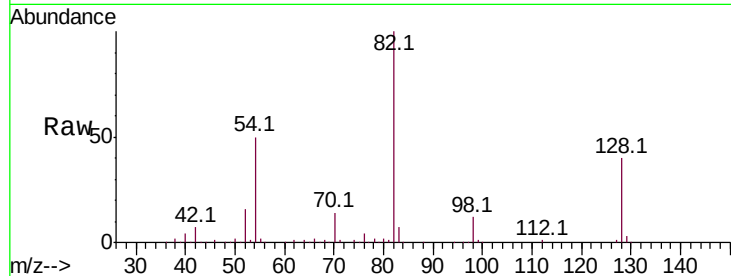
Delta R.T. -0.27 min

Lab File: BF109202.D

Acq: 21 Sep 2018 00:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:	82	Resp:	419864
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#35

Caprolactam

Concen: 4.568 ng

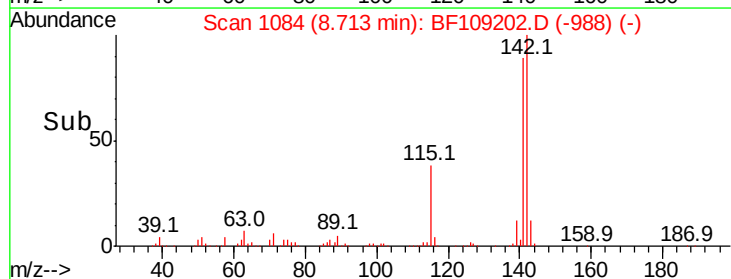
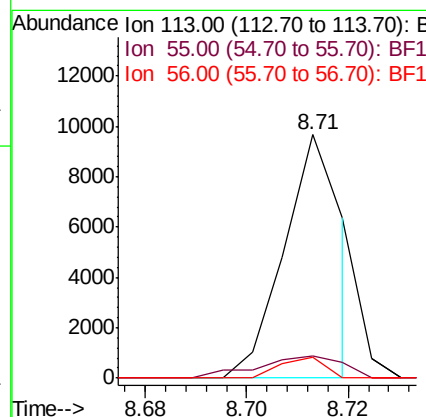
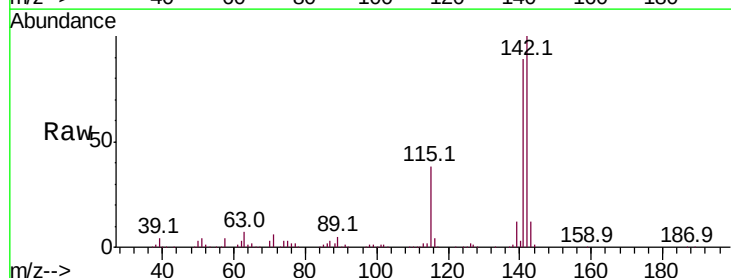
RT: 8.71 min Scan# 1084

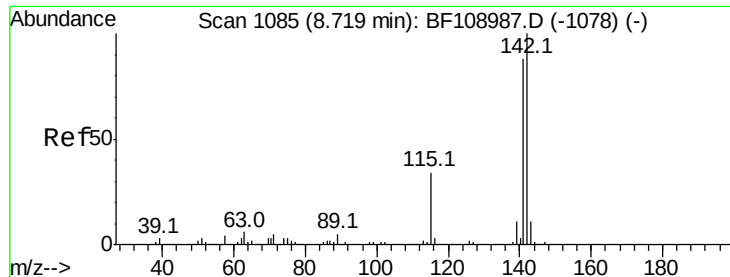
Delta R.T. 0.26 min

Lab File: BF109202.D

Acq: 21 Sep 2018 00:26

Tgt Ion:	113	Resp:	7710
Ion	Ratio	Lower	Upper
113	100		
55	9.2	163.3	203.3#
56	8.8	115.7	155.7#

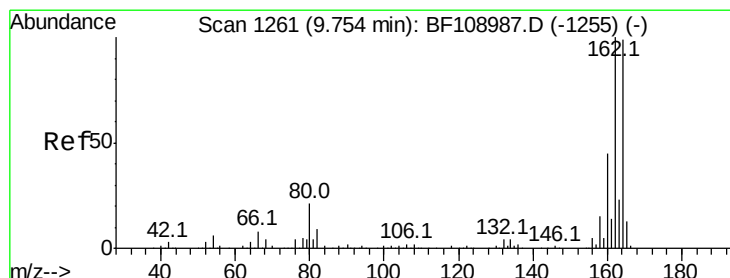
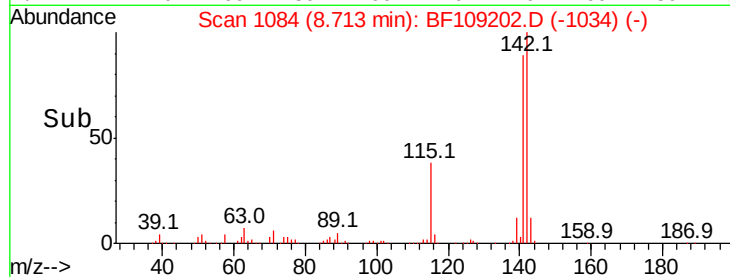
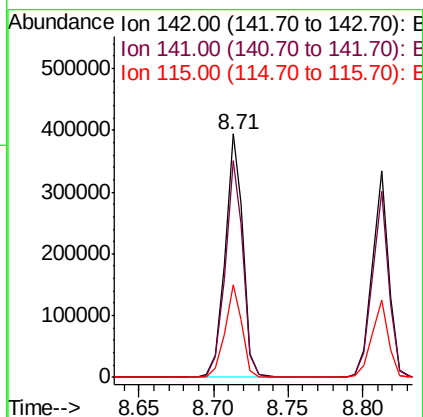
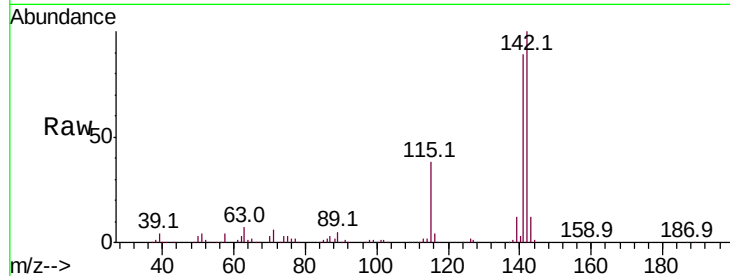




#37
 2-Methylnaphthalene
 Concen: 30.654 ng
 RT: 8.71 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF109202.D
 Acq: 21 Sep 2018 00:26

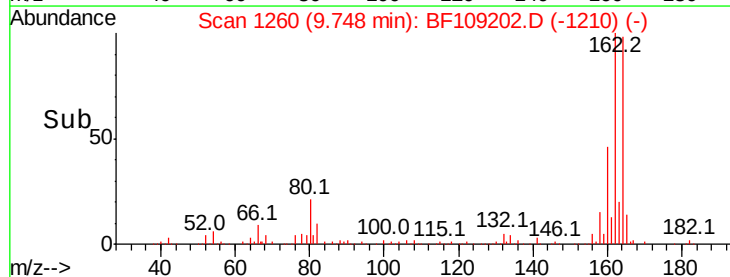
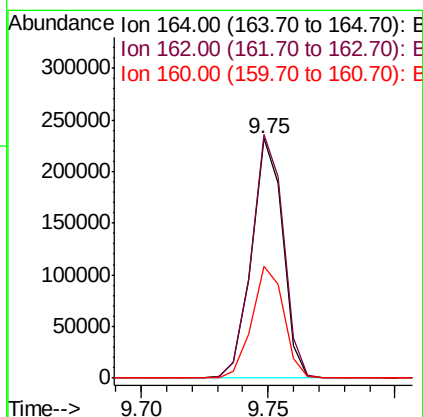
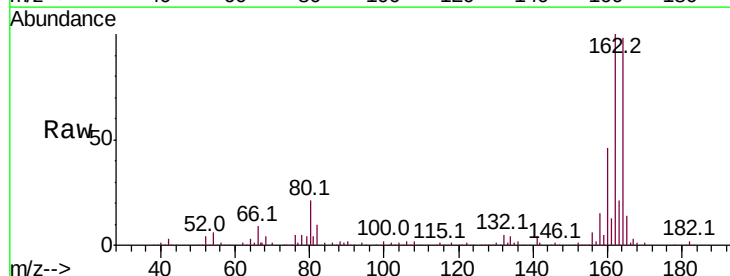
Instrument :
 BNA_F
 ClientSampleId :

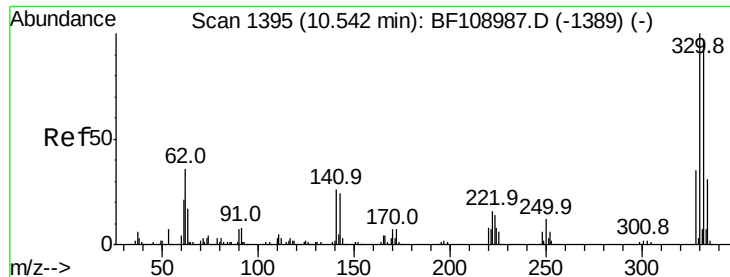
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	37.9	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109202.D
 Acq: 21 Sep 2018 00:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	46.6	38.3	57.5

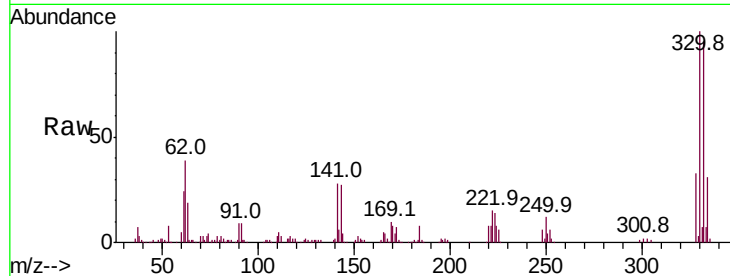




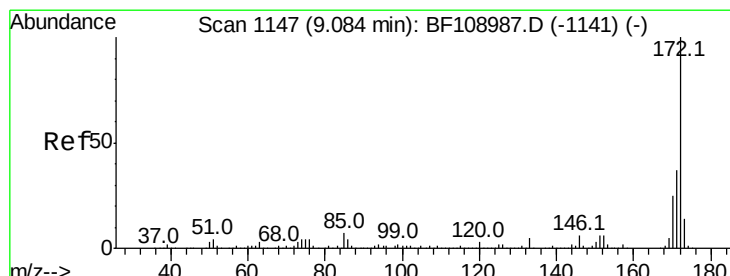
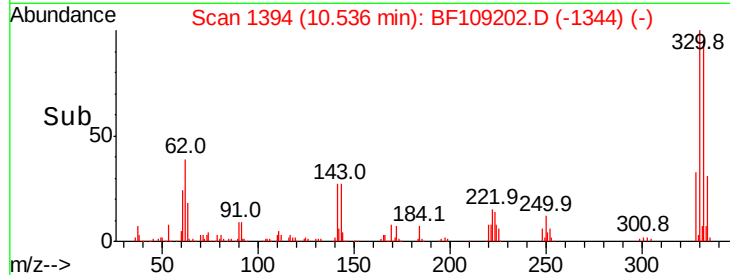
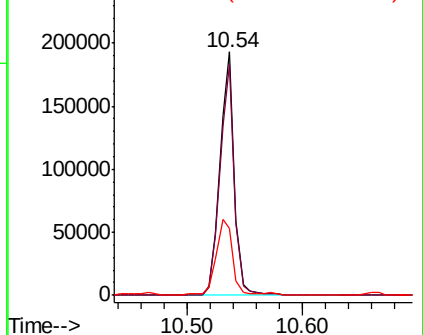
#41
 2,4,6-Tribromophenol
 Concen: 77.076 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109202.D
 Acq: 21 Sep 2018 00:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.0	29.9	44.9

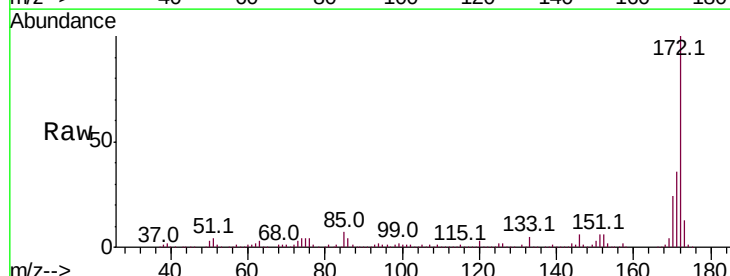


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

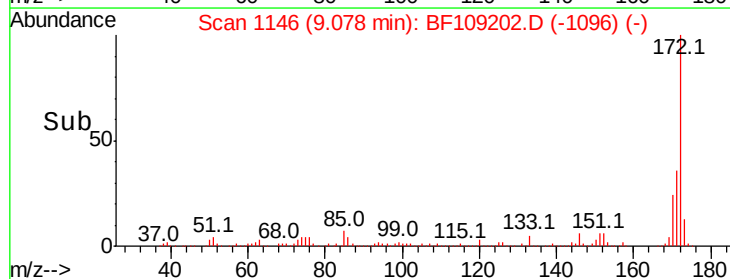
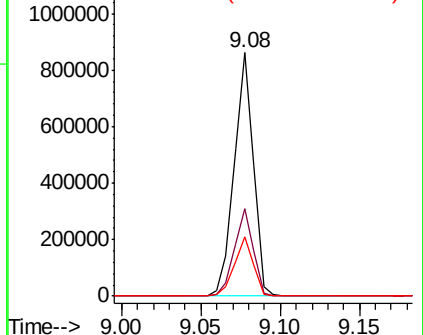


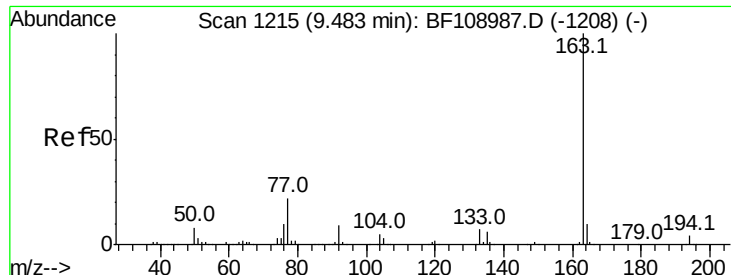
#44
 2-Fluorobiphenyl
 Concen: 56.862 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109202.D
 Acq: 21 Sep 2018 00:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.1	19.6	29.4



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

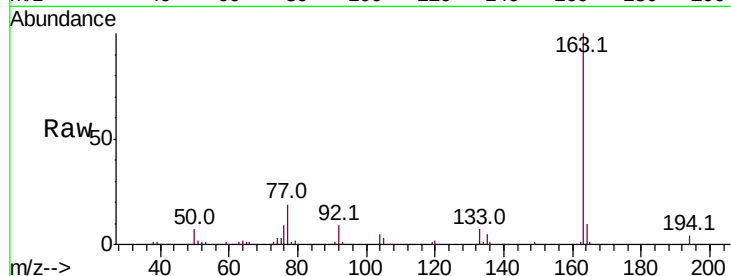




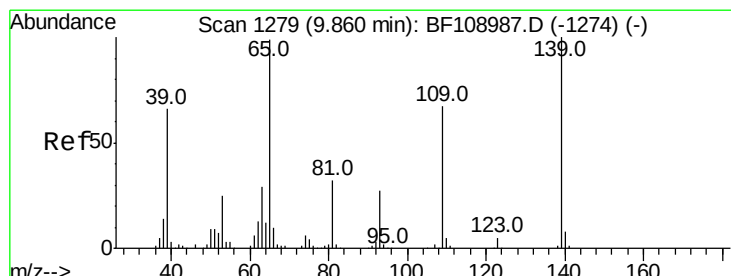
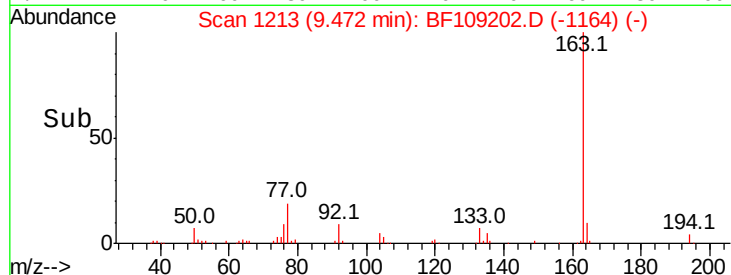
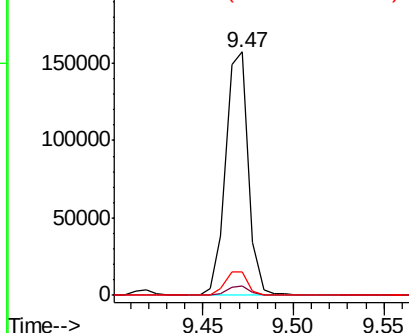
#49
Dimethylphthalate
Concen: 9.652 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 137889
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.8 8.2 12.2

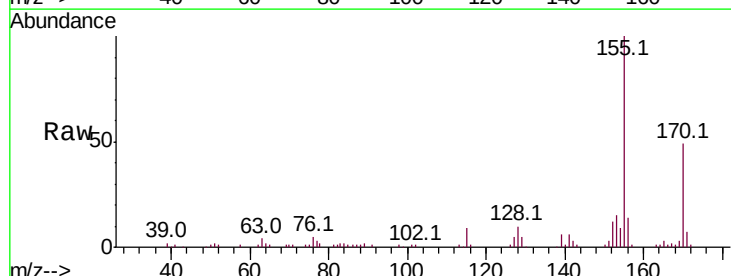


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

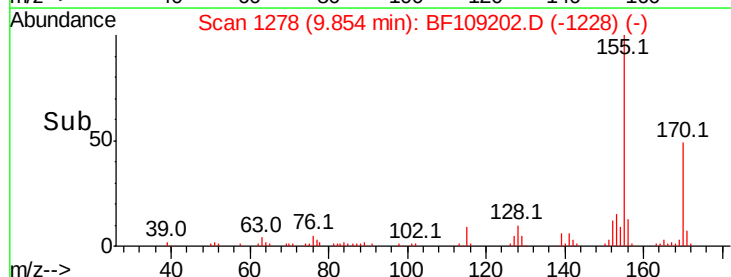
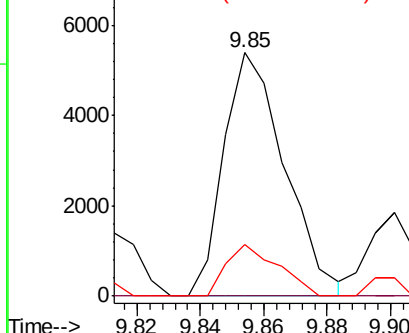


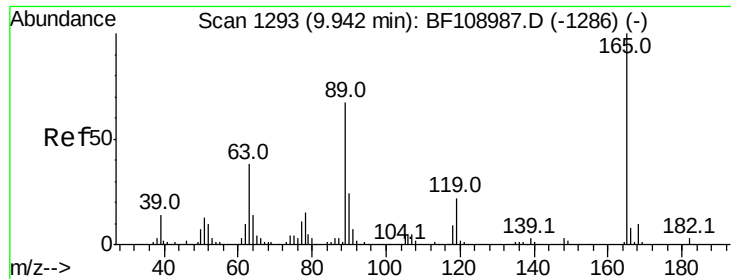
#55
4-Nitrophenol
Concen: 2.607 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Tgt Ion:139 Resp: 7167
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 21.2 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 2.462 ng

RT: 9.93 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF109202.D

Acq: 21 Sep 2018 00:26

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 10203

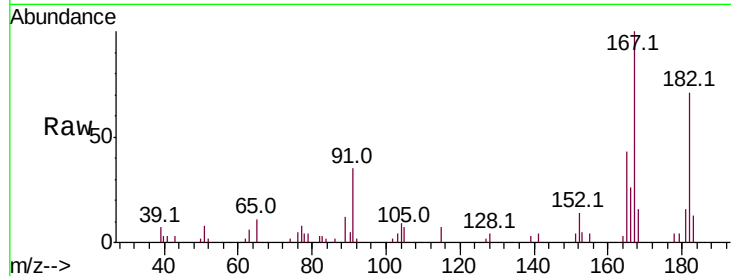
Ion Ratio Lower Upper

165 100

63 13.0 36.4 54.6#

89 27.7 57.8 86.6#

182 163.9 1.6 2.4#

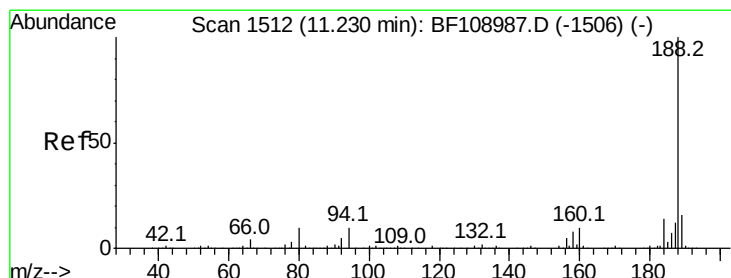
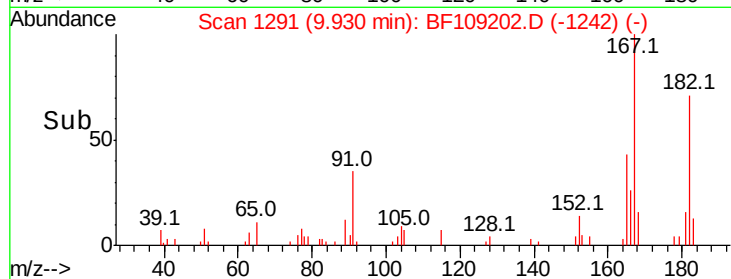
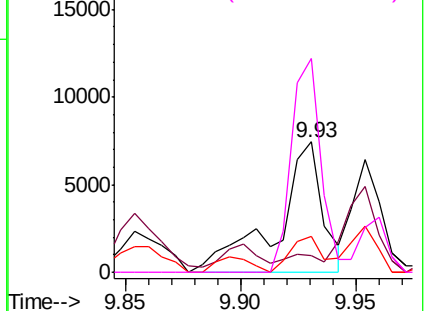


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF109202.D

Acq: 21 Sep 2018 00:26

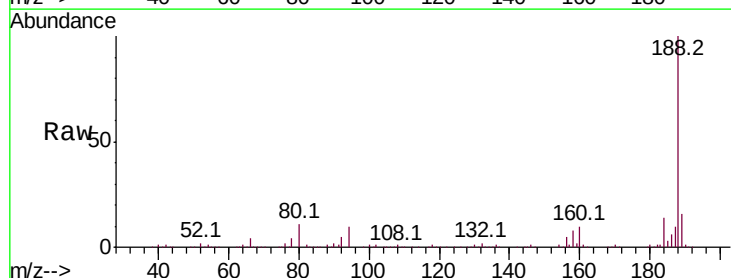
Tgt Ion:188 Resp: 394468

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

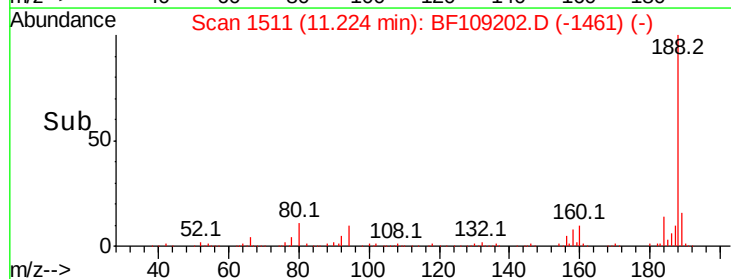
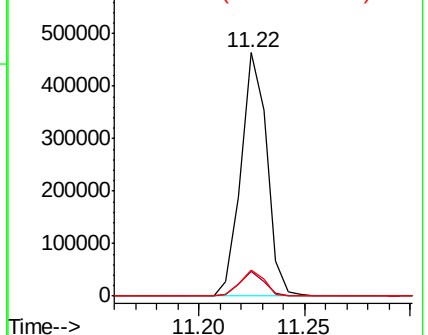
80 10.9 9.2 13.8

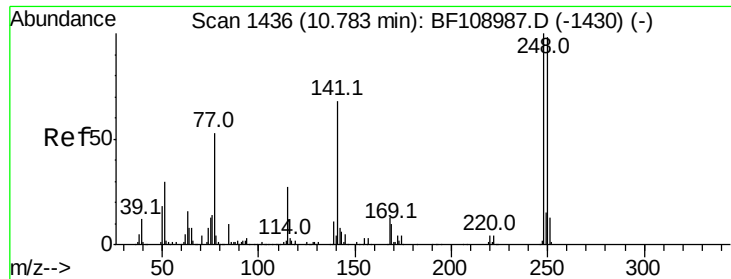


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

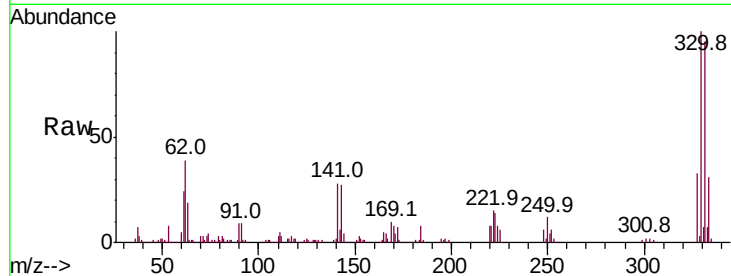




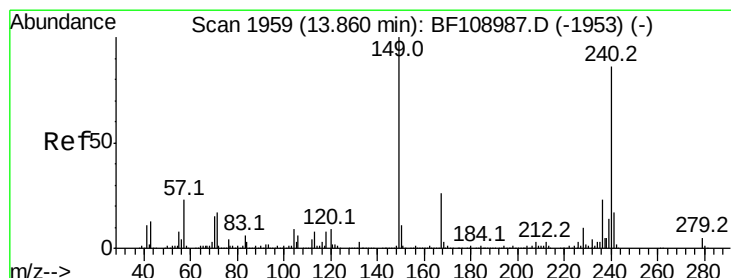
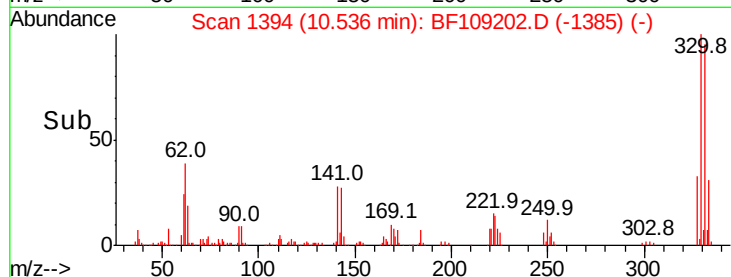
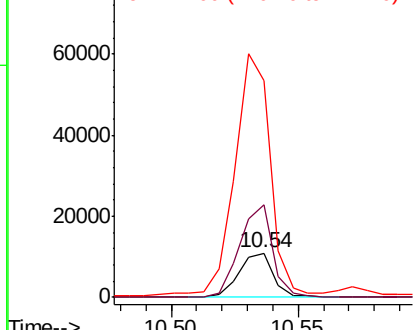
#66
4-Bromophenyl-phenylether
Concen: 2.295 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10204
Ion Ratio Lower Upper
248 100
250 210.9 76.9 115.3#
141 491.5 74.4 111.6#

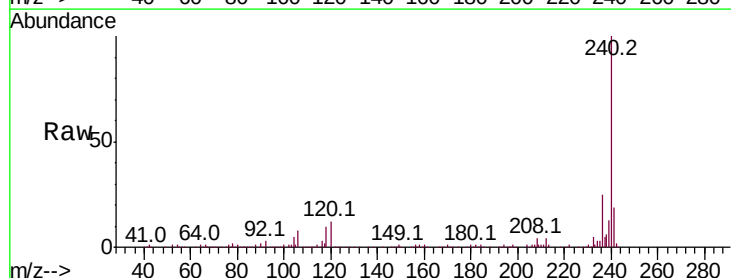


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

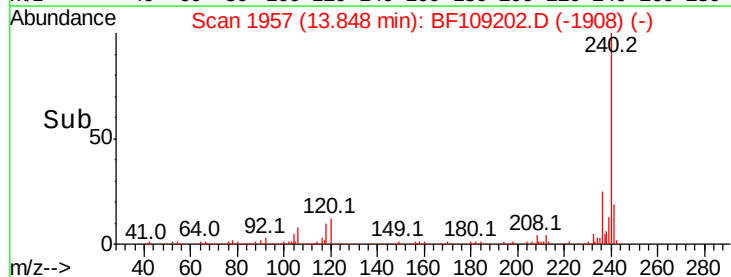
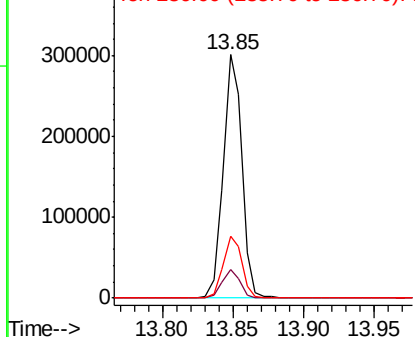


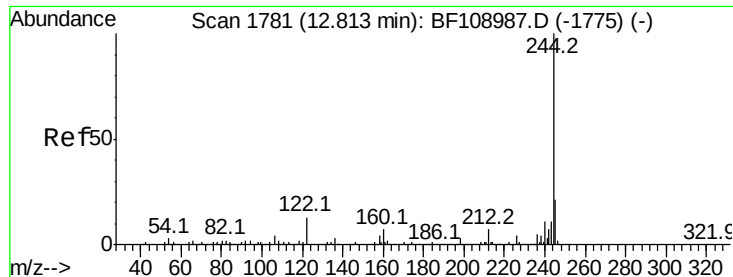
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109202.D
Acq: 21 Sep 2018 00:26

Tgt Ion:240 Resp: 276696
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 25.2 20.7 31.1



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

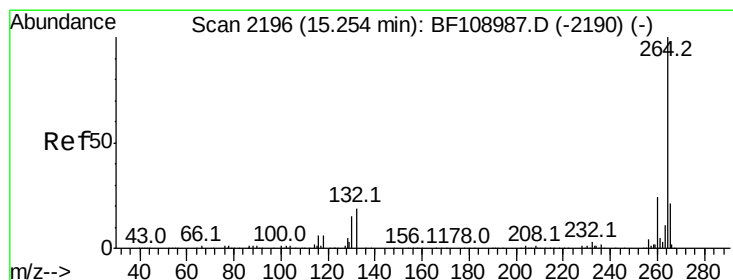
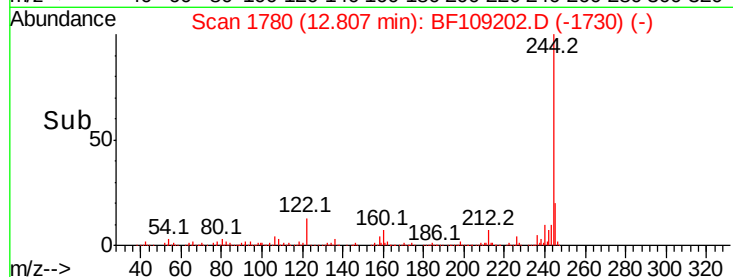
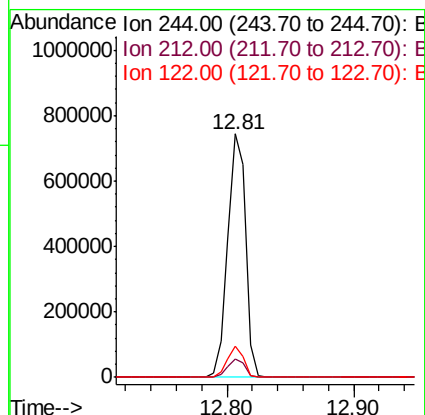
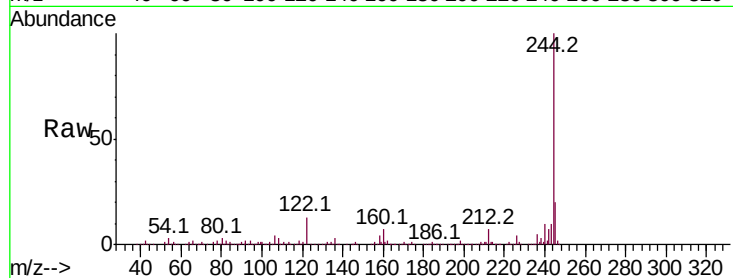




#78
 Terphenyl-d14
 Concen: 62.263 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109202.D
 Acq: 21 Sep 2018 00:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	12.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109202.D
 Acq: 21 Sep 2018 00:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.5	26.3

