

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109223.D
 Acq On : 22 Sep 2018 16:08
 Operator : JU/SJ
 Sample : J4993-06 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:48:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

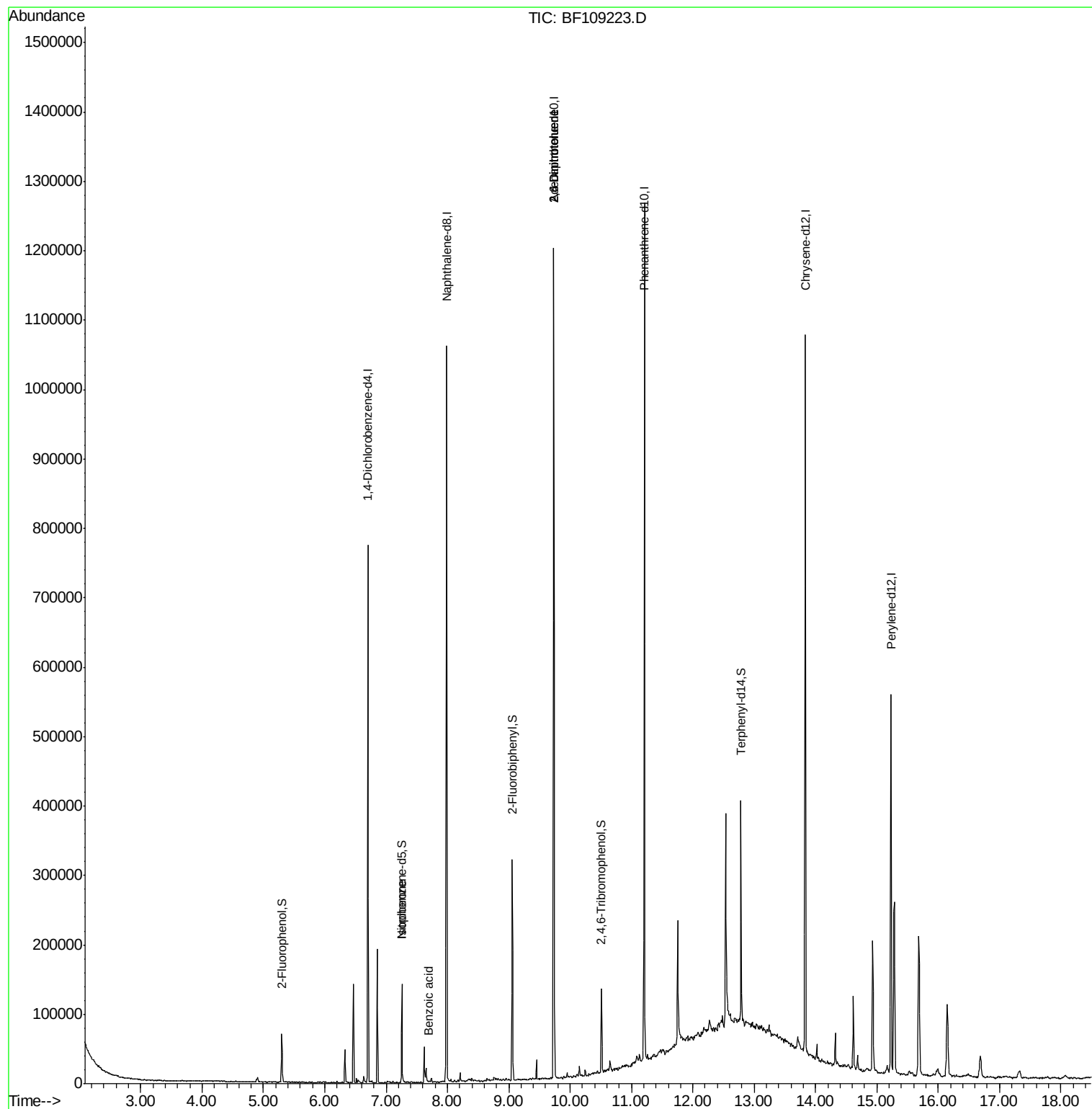
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105462	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	421611	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	206304	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	396265	20.00	ng	0.00
75) Chrysene-d12	13.83	240	321755	20.00	ng	-0.01
86) Perylene-d12	15.23	264	249648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	19020	2.97	ng	-0.02
7) Phenol-d6	6.33	99	14718	1.80	ng	-0.03
23) Nitrobenzene-d5	7.26	82	39339	5.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	14133	6.95	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	84258	6.16	ng	-0.02
78) Terphenyl-d14	12.79	244	92812	7.08	ng	-0.02
Target Compounds						
25) Isophorone	7.26	82	29685	2.308	ng	# 64
32) Benzoic acid	7.69	122	233	6.849	ng	# 76
50) 2,6-Dinitrotoluene	9.73	165	25655	8.633	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	25655	6.823	ng	# 24

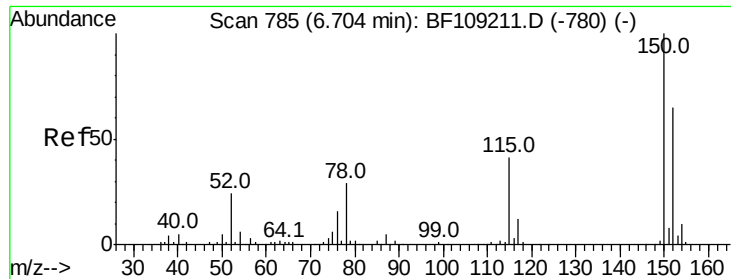
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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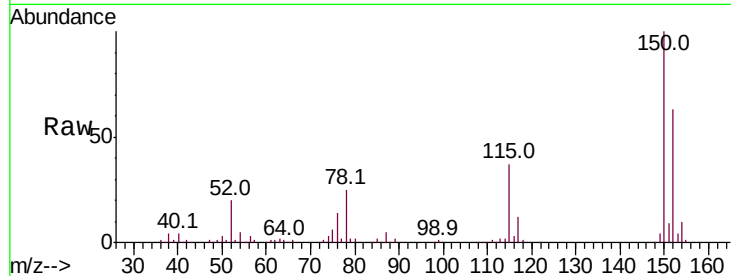


#1

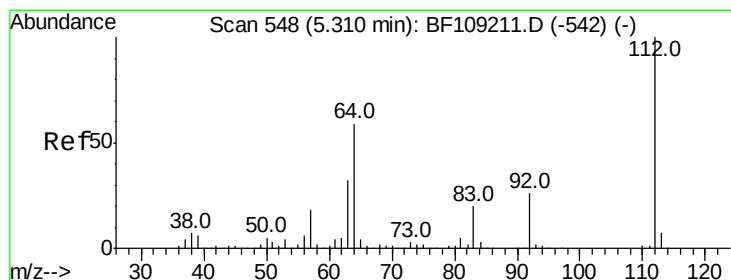
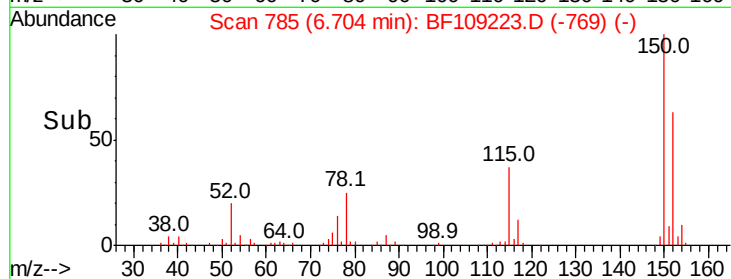
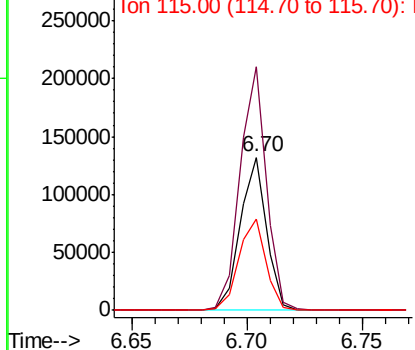
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109223.D
Acq: 22 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 105462
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 59.5 50.1 75.1



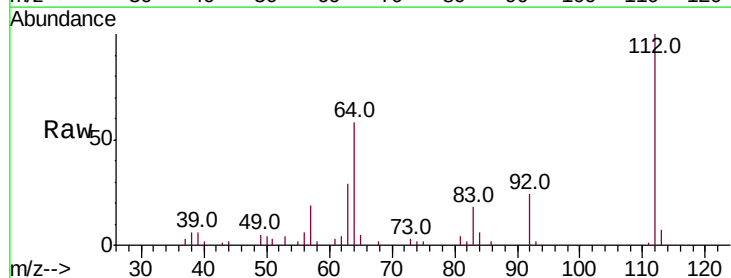
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



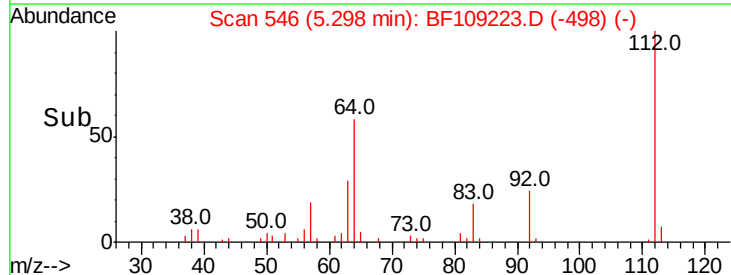
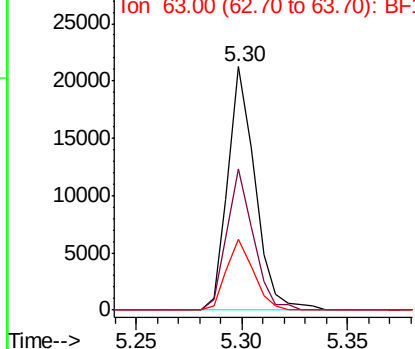
#5

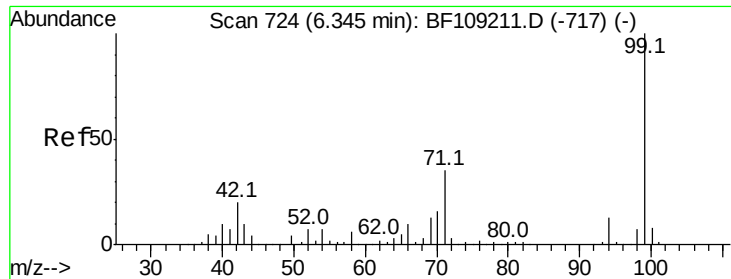
2-Fluorophenol
Concen: 2.970 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF109223.D
Acq: 22 Sep 2018 16:08

Tgt Ion:112 Resp: 19020
Ion Ratio Lower Upper
112 100
64 57.8 47.9 71.9
63 28.9 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: 1.801 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF109223.D

Acq: 22 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

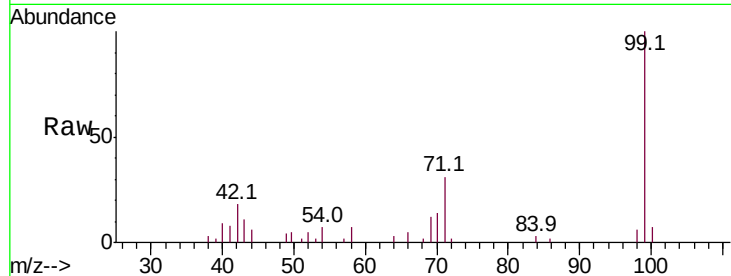
Tot Ion: 99 Resp: 14718

Ion Ratio Lower Upper

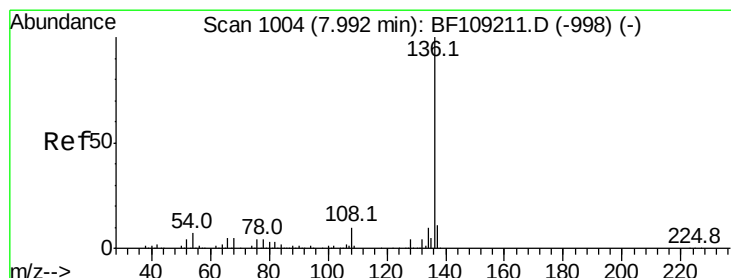
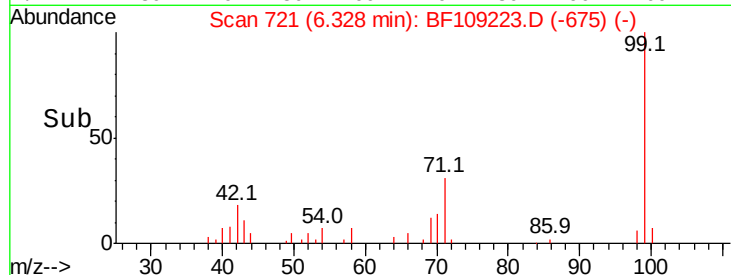
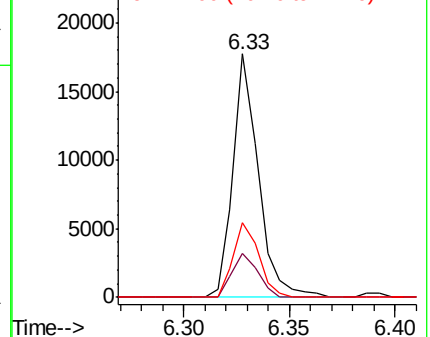
99 100

42 17.8 14.5 21.7

71 30.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109223.D

Acq: 22 Sep 2018 16:08

Tgt Ion: 136 Resp: 421611

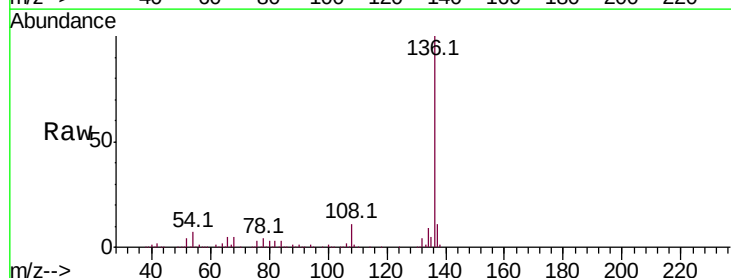
Ion Ratio Lower Upper

136 100

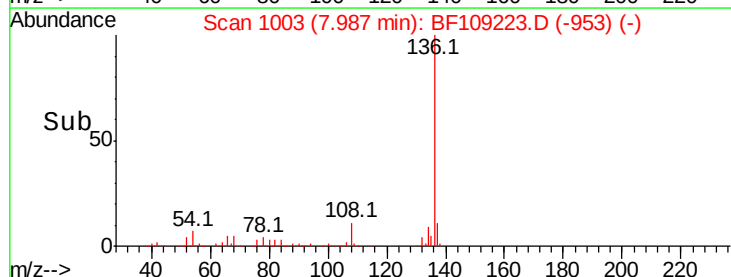
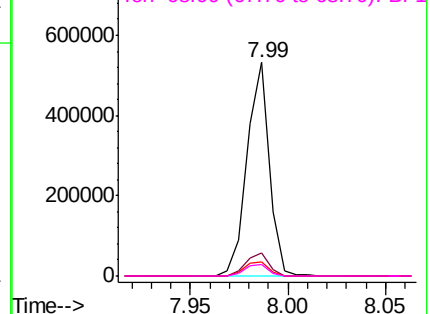
137 11.0 8.9 13.3

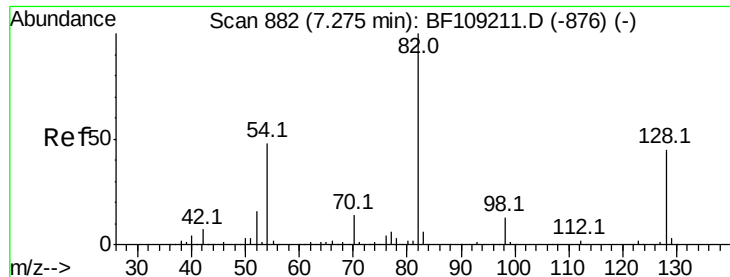
54 6.7 6.6 9.8

68 5.5 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

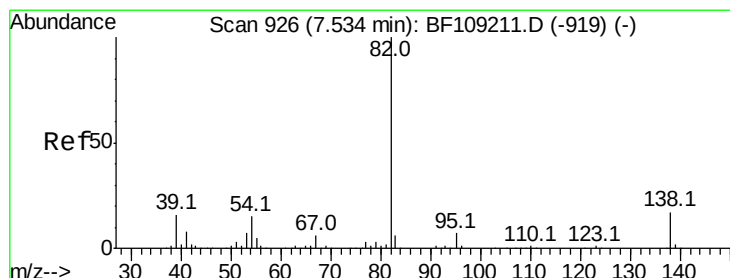
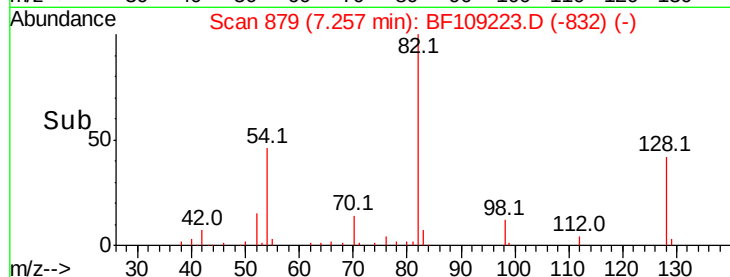
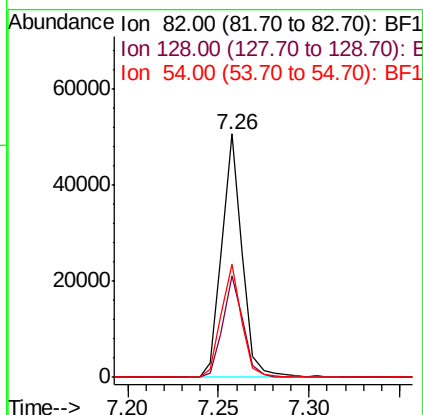
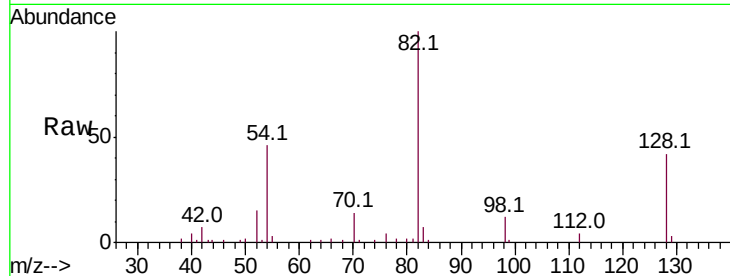




#23
 Nitrobenzene-d5
 Concen: 5.508 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF109223.D
 Acq: 22 Sep 2018 16:08

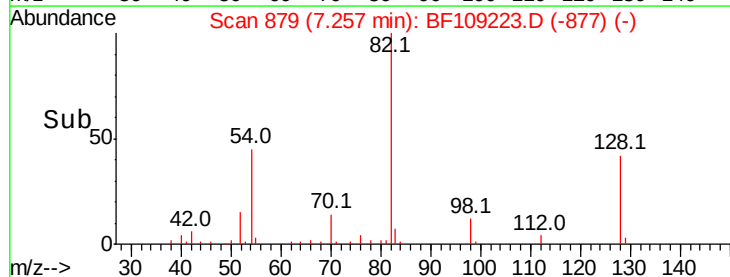
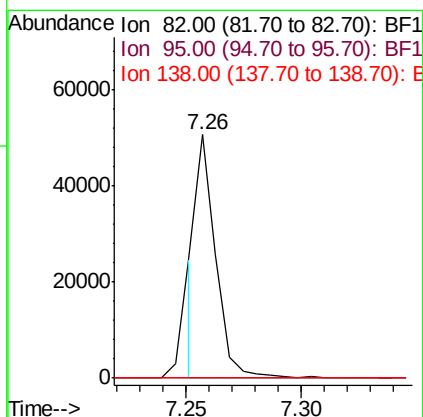
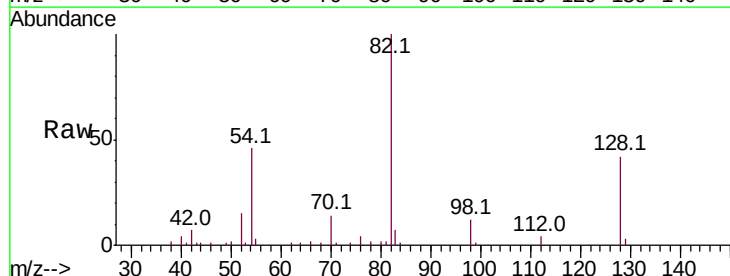
Instrument :
 BNA_F
 ClientSampleId :

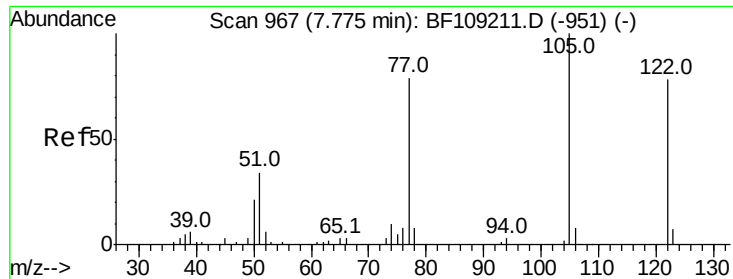
Tot Ion	82	Resp	39339
Ion Ratio	Lower	Upper	
82	100		
128	41.8	36.1	54.1
54	46.3	41.4	62.2



#25
 Isophorone
 Concen: 2.308 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.29 min
 Lab File: BF109223.D
 Acq: 22 Sep 2018 16:08

Tgt Ion	82	Resp	29685
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

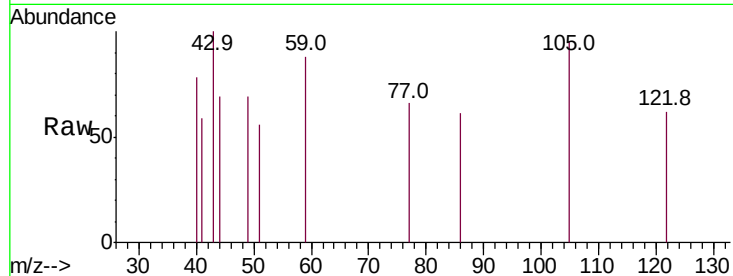




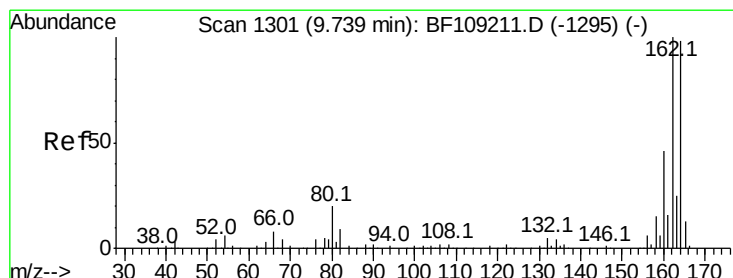
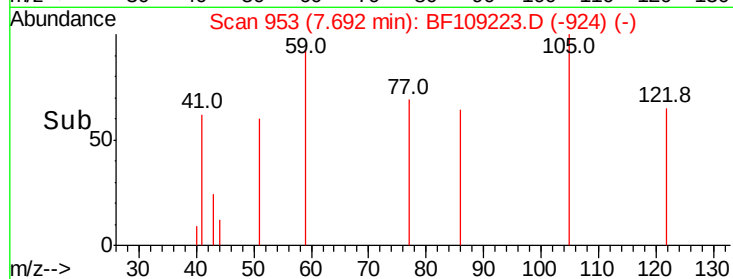
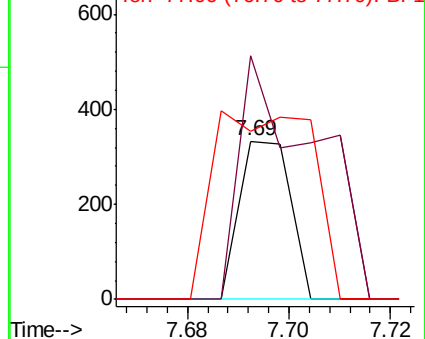
#32
Benzoic acid
Concen: 6.849 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.13 min
Lab File: BF109223.D
Acq: 22 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 233
Ion Ratio Lower Upper
122 100
105 153.8 101.1 141.1#
77 106.3 70.7 110.7

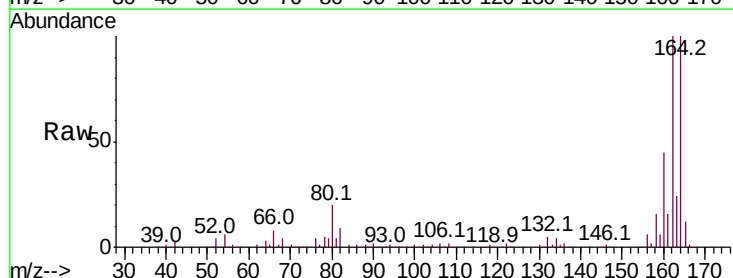


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

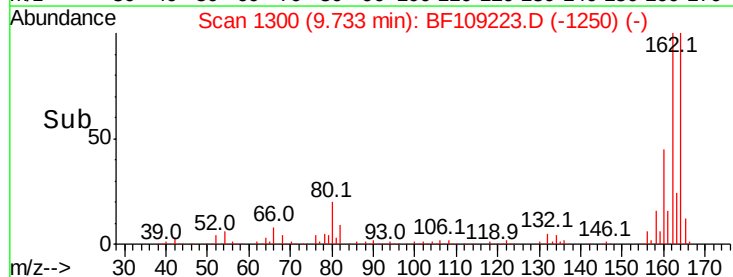
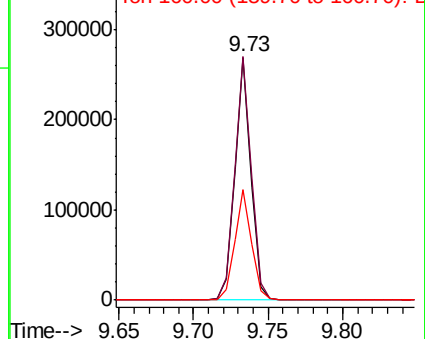


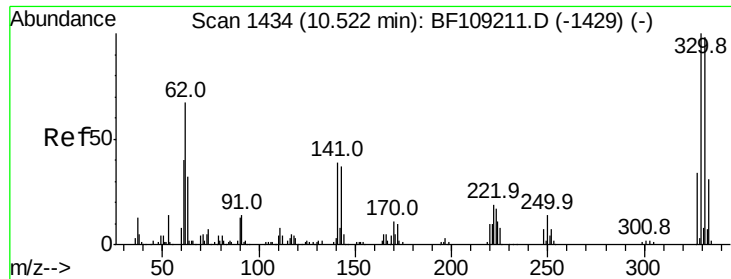
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109223.D
Acq: 22 Sep 2018 16:08

Tgt Ion:164 Resp: 206304
Ion Ratio Lower Upper
164 100
162 100.2 86.1 129.1
160 45.2 38.3 57.5



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

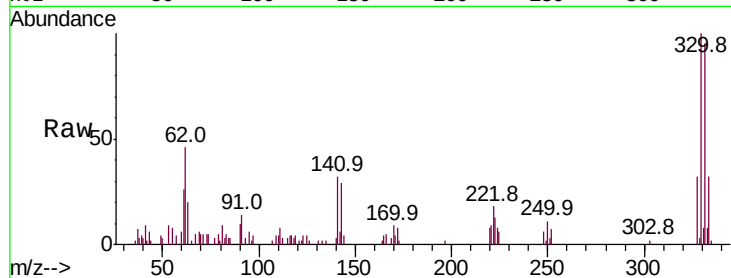




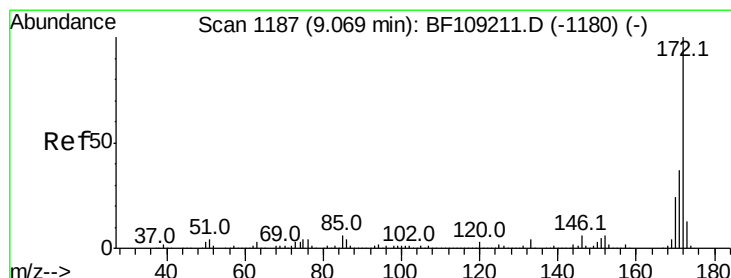
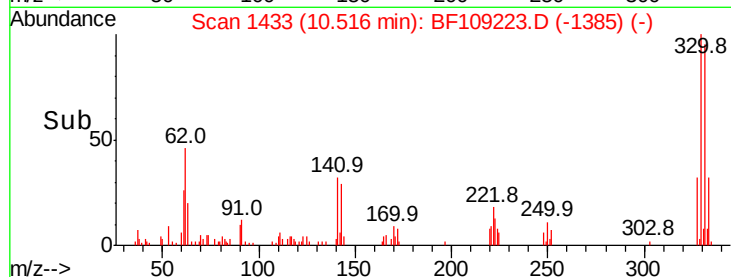
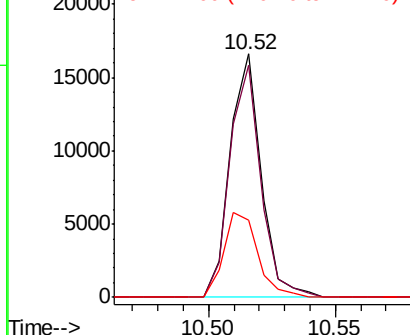
#41
 2,4,6-Tribromophenol
 Concen: 6.949 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109223.D
 Acq: 22 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 14133
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 38.4 29.9 44.9

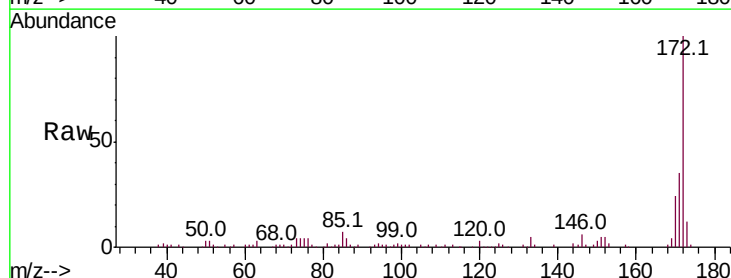


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

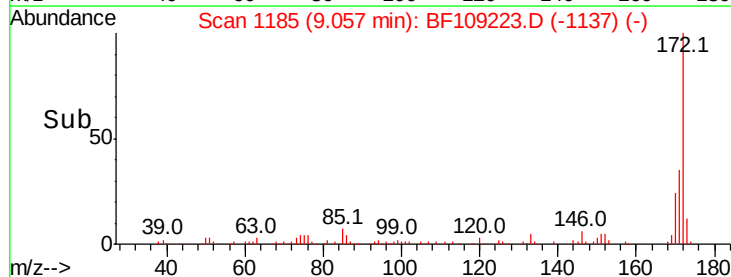
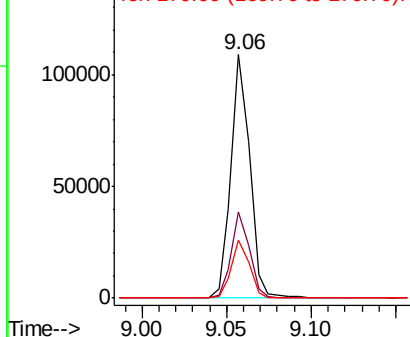


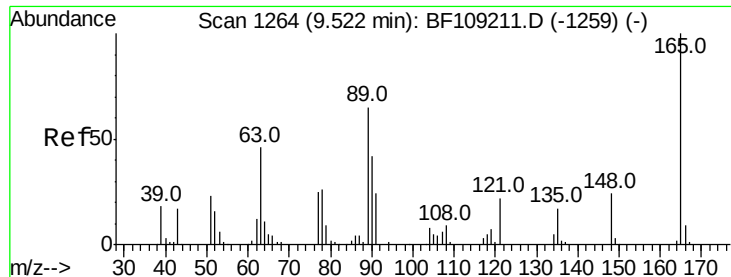
#44
 2-Fluorobiphenyl
 Concen: 6.160 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109223.D
 Acq: 22 Sep 2018 16:08

Tgt Ion:172 Resp: 84258
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.6 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

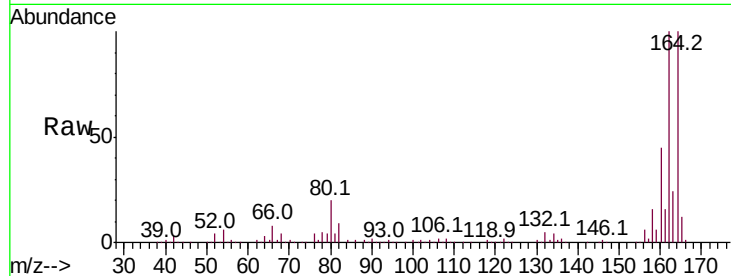




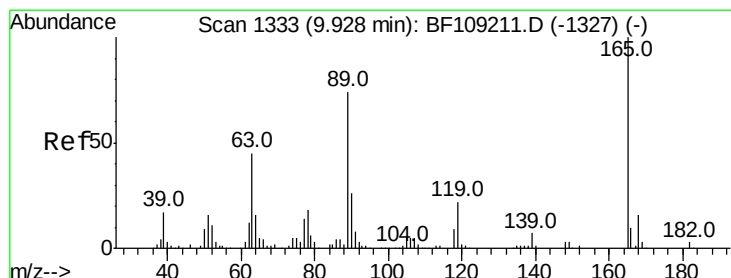
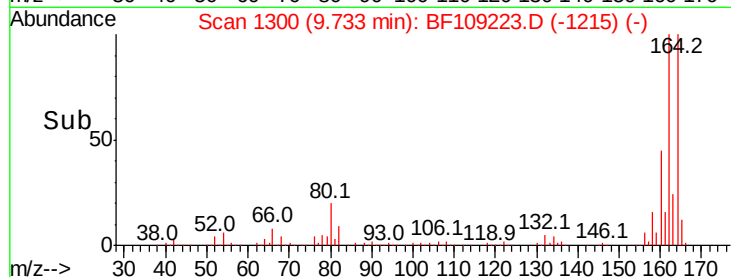
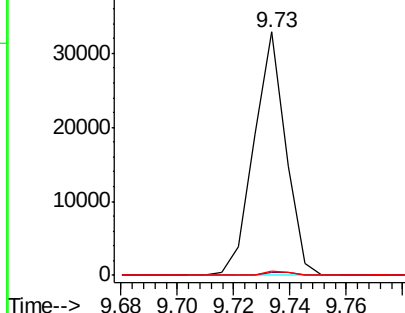
#50
 2,6-Dinitrotoluene
 Concen: 8.633 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109223.D
 Acq: 22 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.9	44.0	66.0#



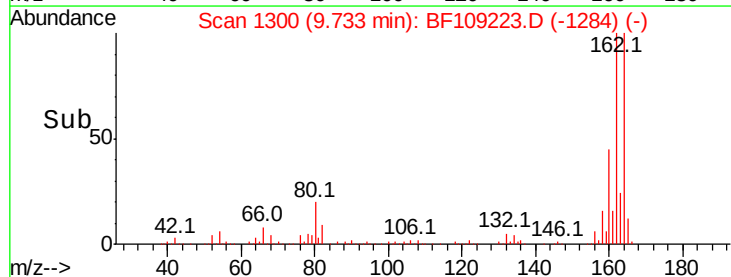
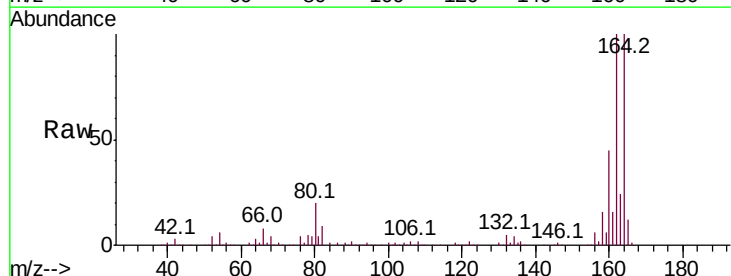
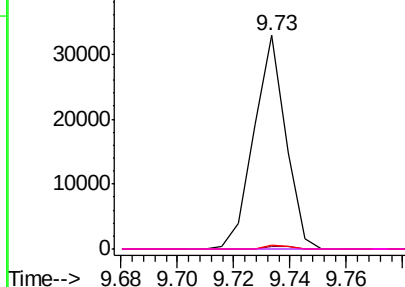
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

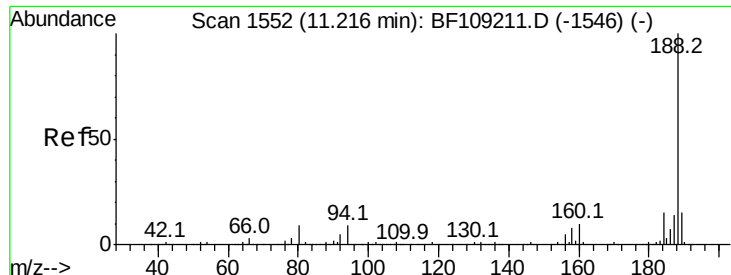


#56
 2,4-Dinitrotoluene
 Concen: 6.823 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109223.D
 Acq: 22 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	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

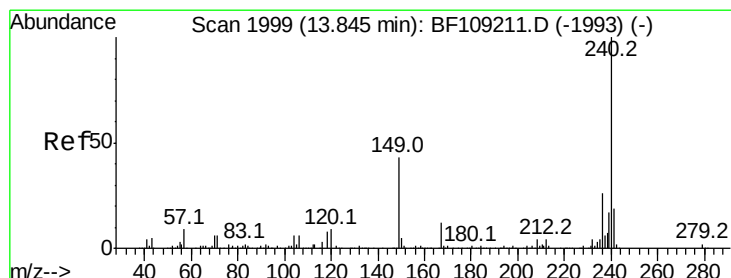
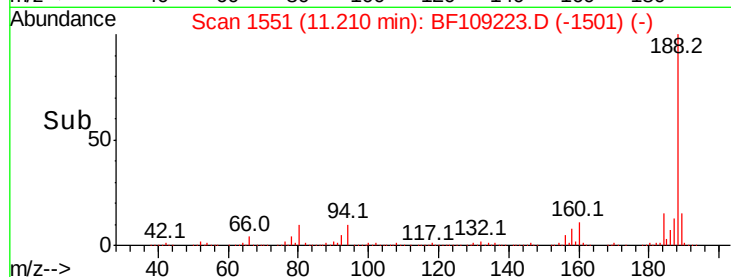
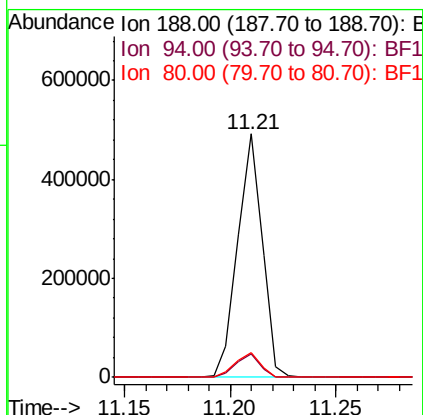
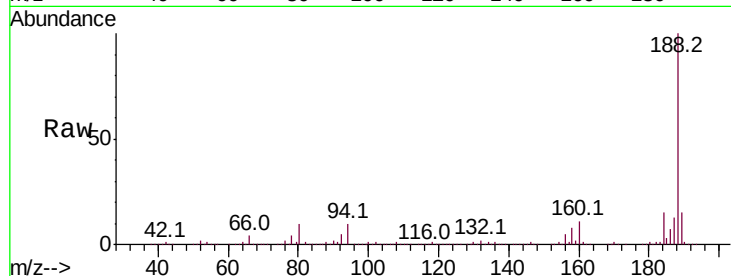




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109223.D
Acq: 22 Sep 2018 16:08

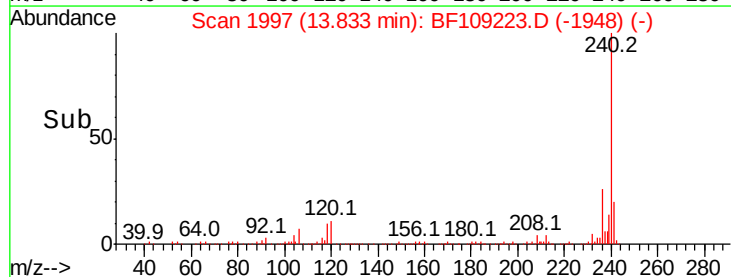
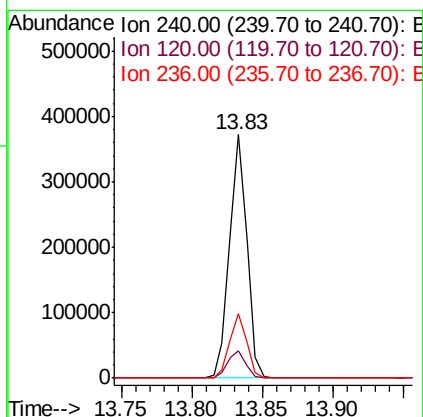
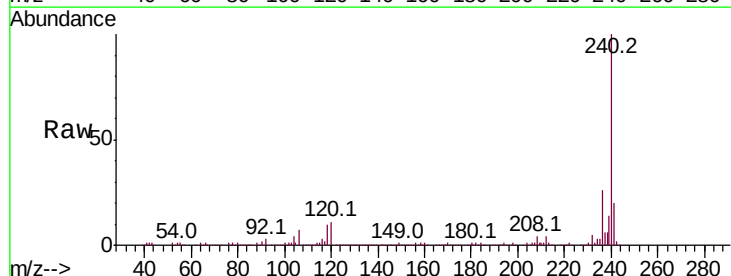
Instrument :
BNA_F
ClientSampleId :

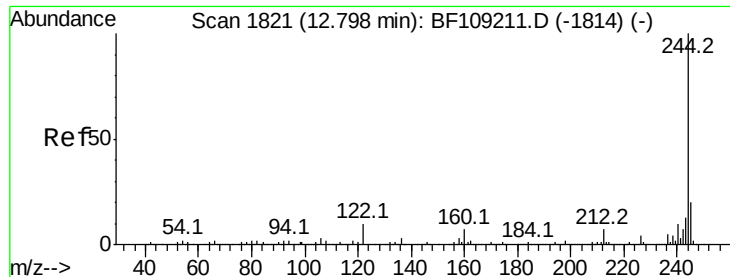
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.0	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109223.D
Acq: 22 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.4	20.7	31.1





#78

Terphenyl-d14

Concen: 7.079 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109223.D

Acq: 22 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

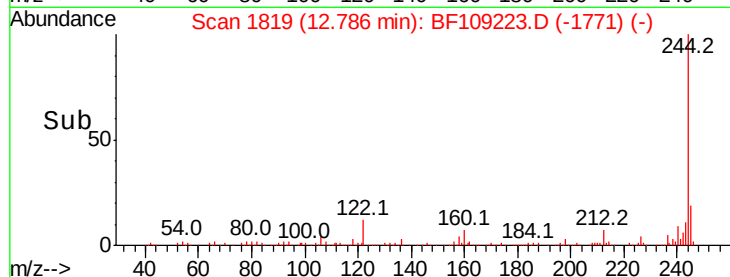
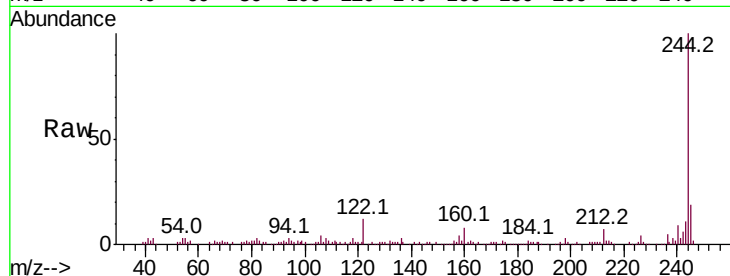
Tot Ion:244 Resp: 92812

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

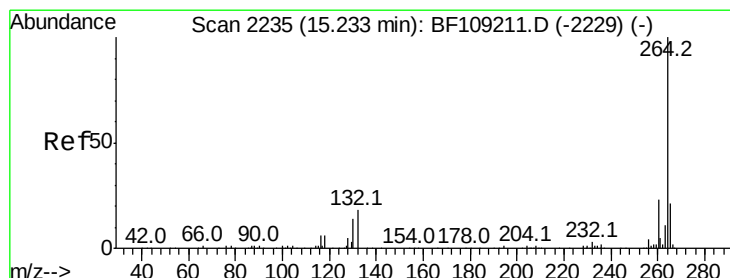
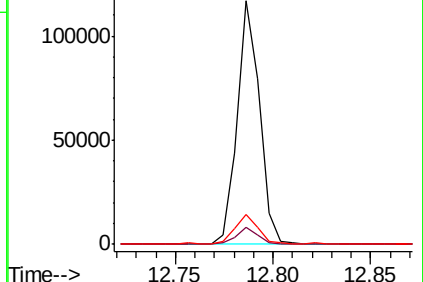
122 12.0 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF109223.D

Acq: 22 Sep 2018 16:08

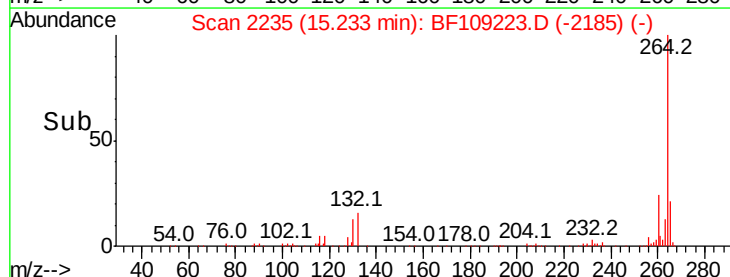
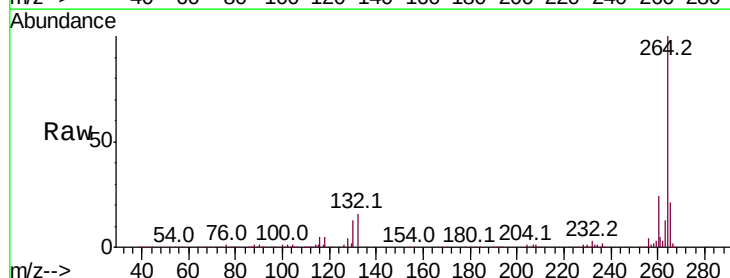
Tgt Ion:264 Resp: 249648

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.6 17.5 26.3



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

