

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109224.D
 Acq On : 22 Sep 2018 16:34
 Operator : JU/SJ
 Sample : J5023-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-PIT-1

Quant Time: Sep 24 07:18:59 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

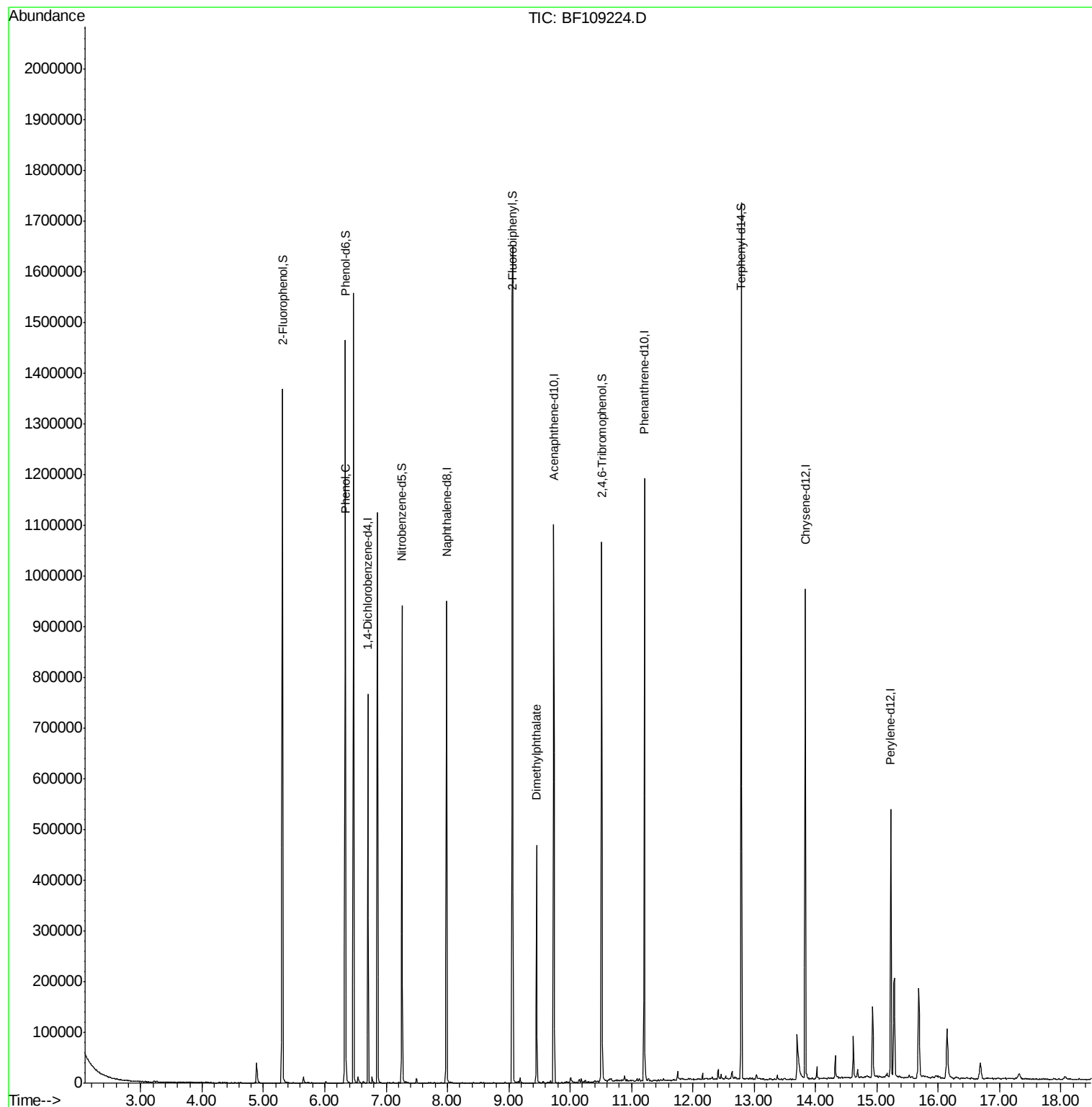
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102936	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	406843	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	197126	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	386073	20.00	ng	0.00
75) Chrysene-d12	13.83	240	305715	20.00	ng	-0.01
86) Perylene-d12	15.23	264	231255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	362760	58.05	ng	0.00
7) Phenol-d6	6.33	99	461910	57.92	ng	-0.02
23) Nitrobenzene-d5	7.26	82	281839	40.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	114334	58.84	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	524467	40.13	ng	-0.01
78) Terphenyl-d14	12.79	244	539293	43.29	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	20181	2.235	ng	94
49) Dimethylphthalate	9.46	163	195216	13.616	ng	98

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

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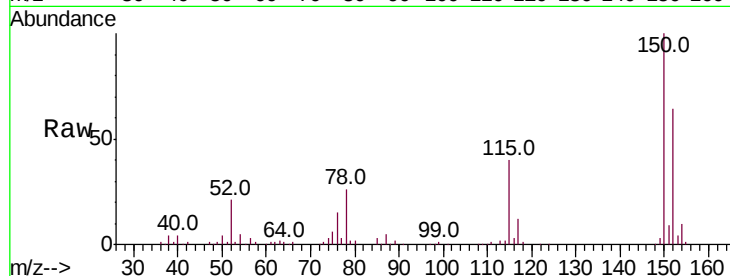


#1

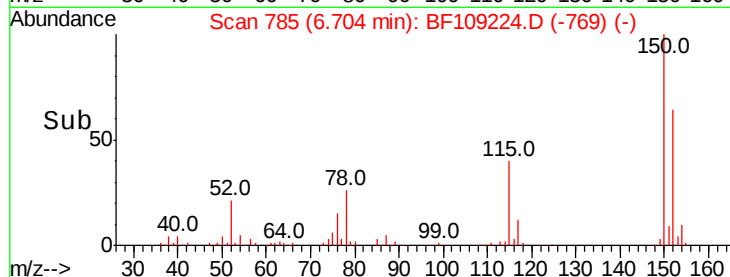
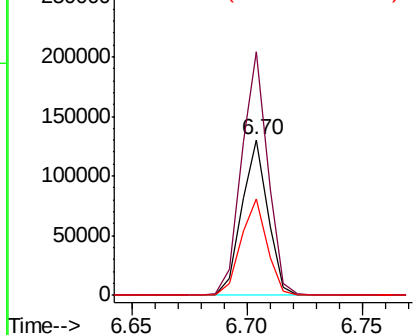
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109224.D
 Acq: 22 Sep 2018 16:34

Instrument :
 BNA_F
 ClientSampled :
 NB-PIT-1

Tot Ion:152 Resp: 102936
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 62.3 50.1 75.1



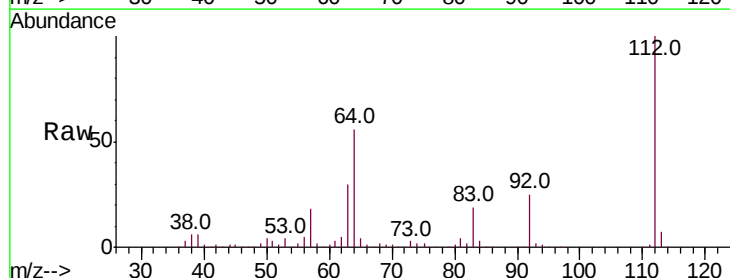
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



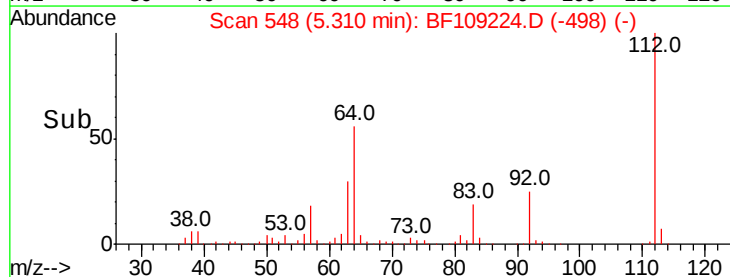
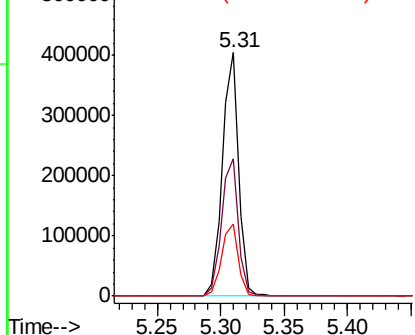
#5

2-Fluorophenol
 Concen: 58.045 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109224.D
 Acq: 22 Sep 2018 16:34

Tgt Ion:112 Resp: 362760
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.9 71.9
 63 29.7 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: 57.922 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF109224.D

Acq: 22 Sep 2018 16:34

Instrument :

BNA_F

ClientSampleId :

NB-PIT-1

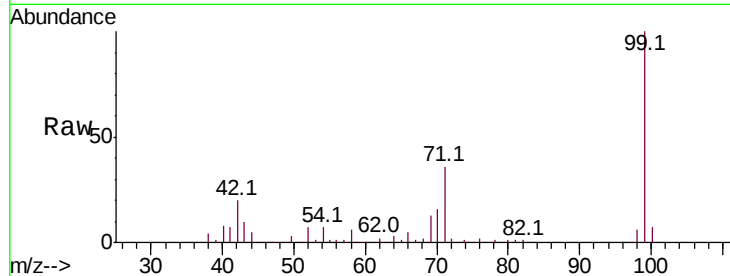
Tot Ion: 99 Resp: 461910

Ion Ratio Lower Upper

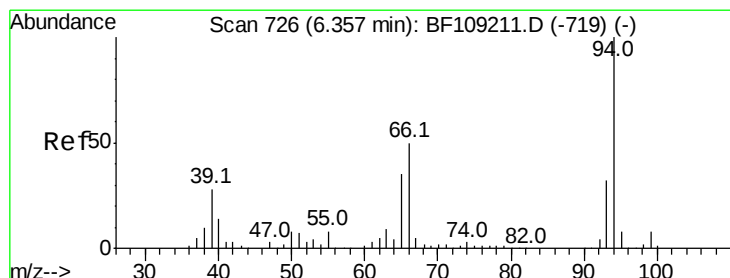
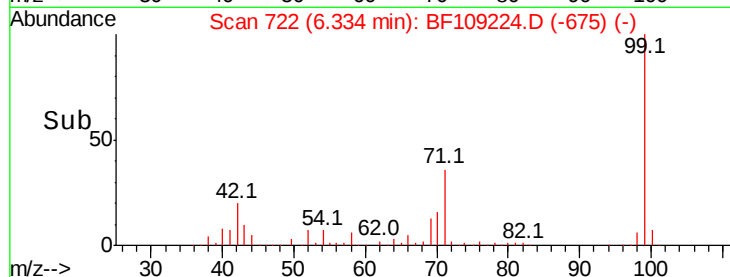
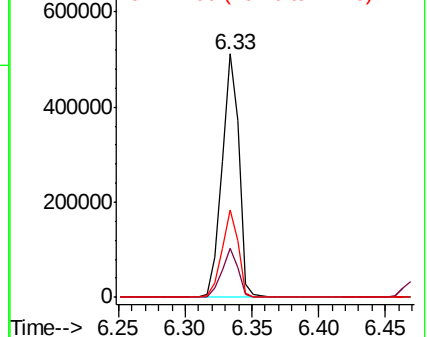
99 100

42 20.3 14.5 21.7

71 35.9 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



#10

Phenol

Concen: 2.235 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF109224.D

Acq: 22 Sep 2018 16:34

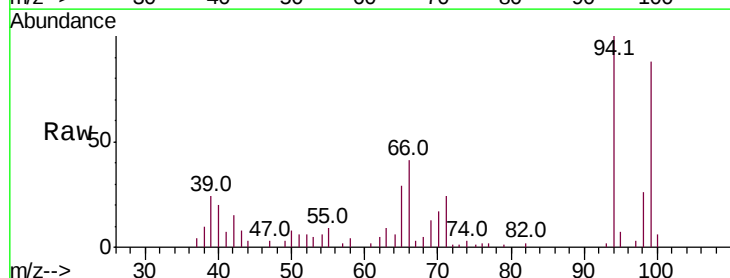
Tgt Ion: 94 Resp: 20181

Ion Ratio Lower Upper

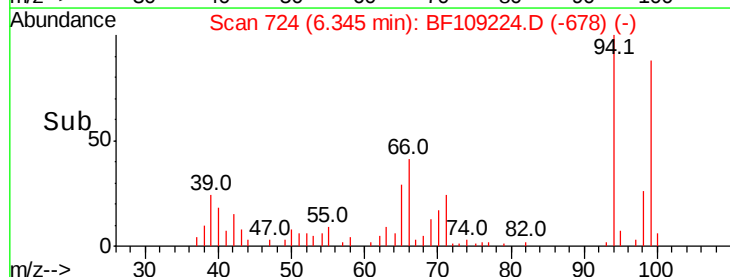
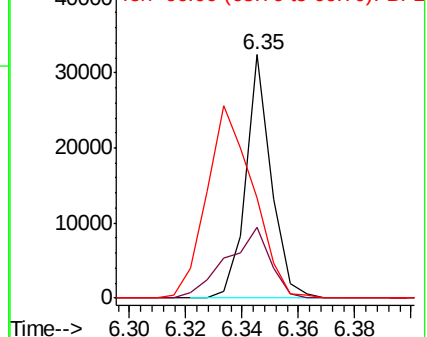
94 100

65 29.3 7.9 47.9

66 41.0 16.2 56.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109224.D

Acq: 22 Sep 2018 16:34

Instrument :

BNA_F

ClientSampleId :

NB-PIT-1

Tot Ion:136 Resp: 406843

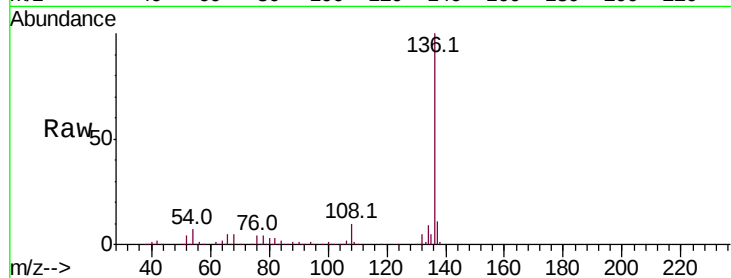
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.8 6.6 9.8

68 5.4 5.0 7.4

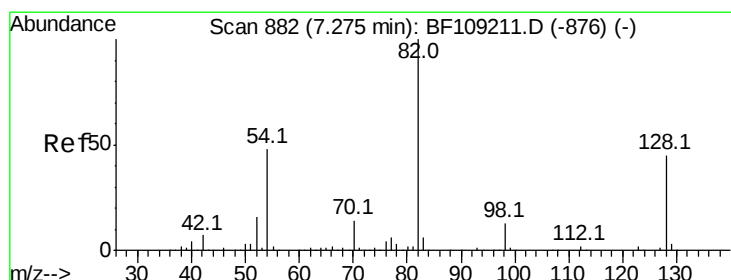
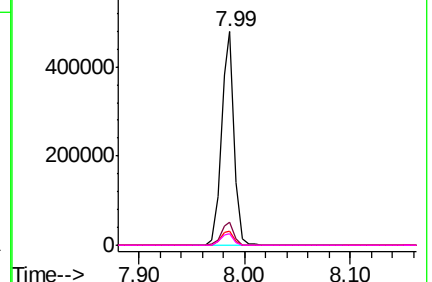
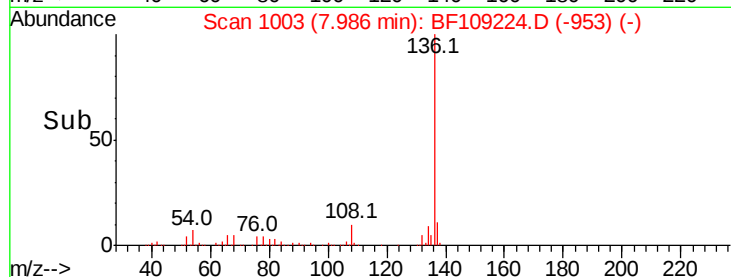


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.894 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109224.D

Acq: 22 Sep 2018 16:34

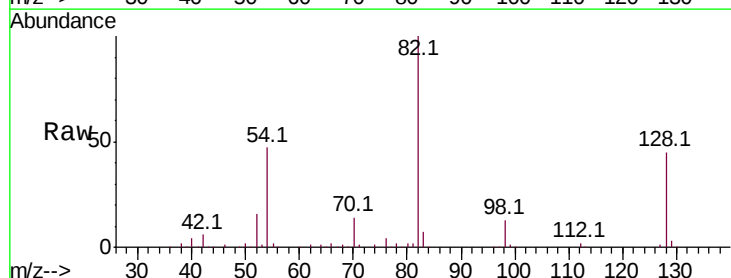
Tgt Ion: 82 Resp: 281839

Ion Ratio Lower Upper

82 100

128 45.1 36.1 54.1

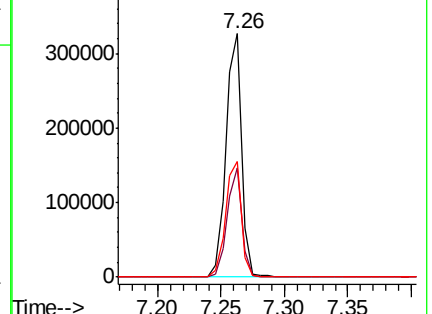
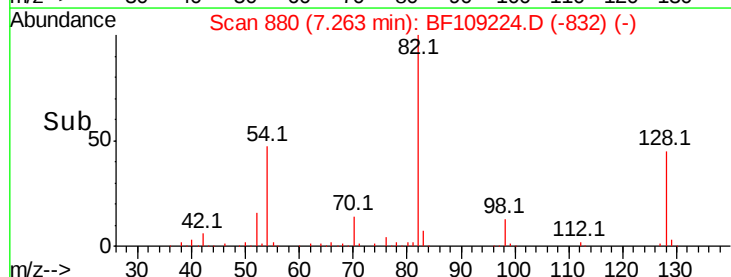
54 47.2 41.4 62.2

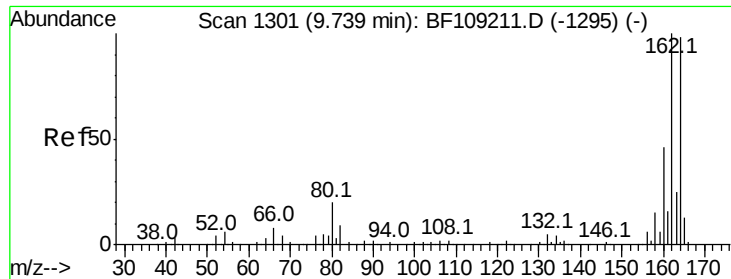


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

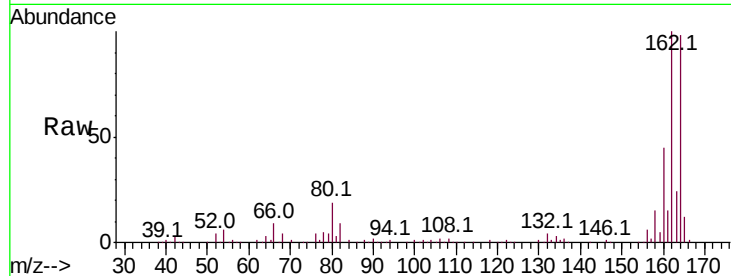




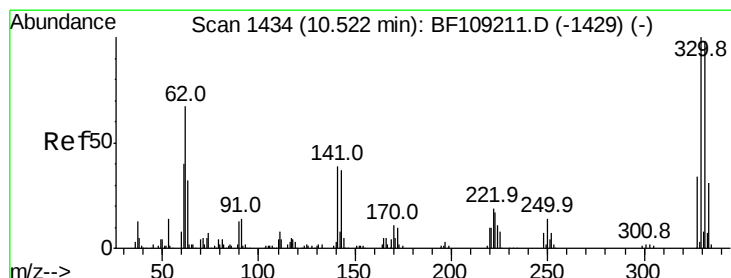
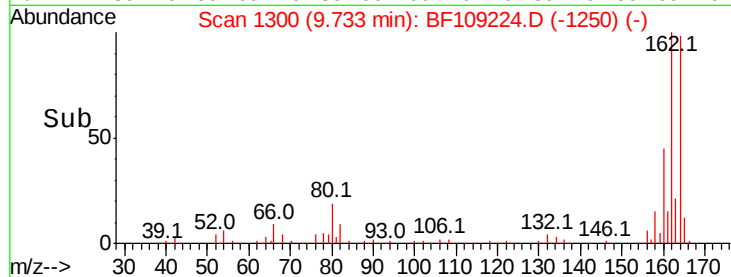
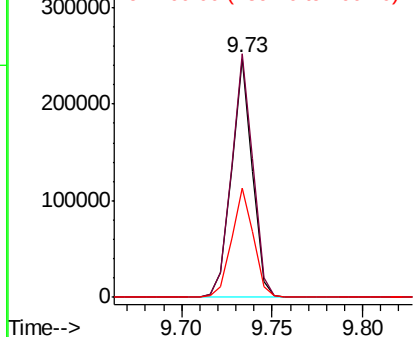
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

Instrument :
BNA_F
ClientSampleId :
NB-PIT-1

Tot Ion:164 Resp: 197126
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 46.0 38.3 57.5

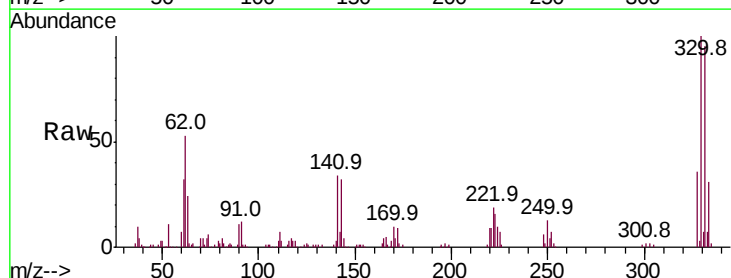


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

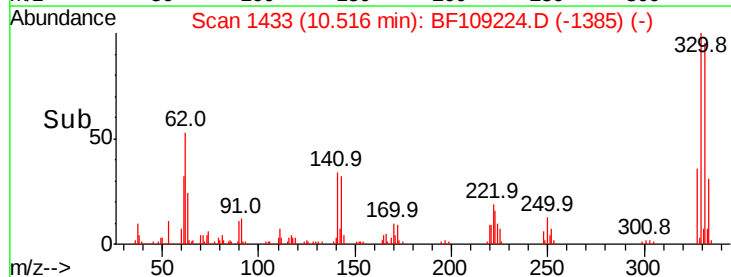
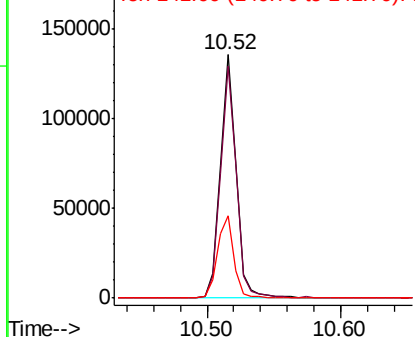


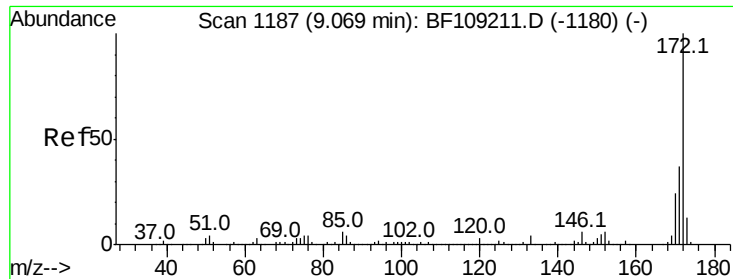
#41
2,4,6-Tribromophenol
Concen: 58.836 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

Tgt Ion:330 Resp: 114334
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 35.1 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

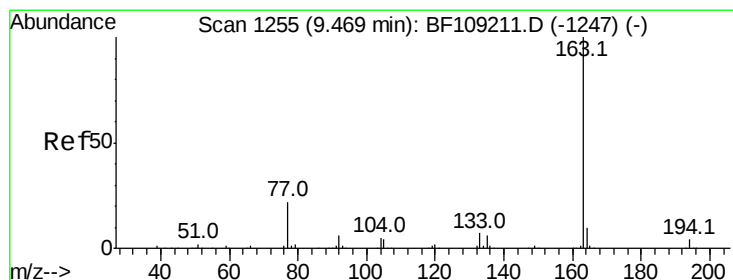
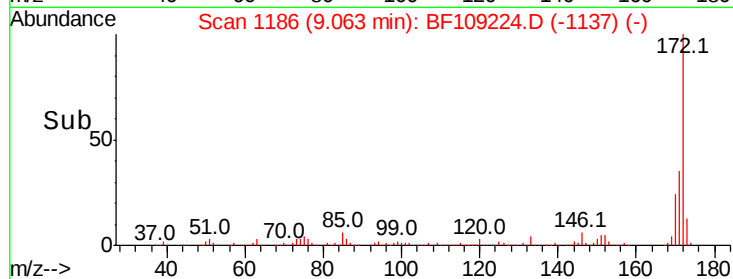
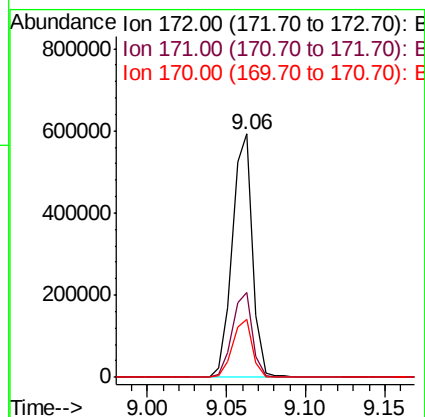
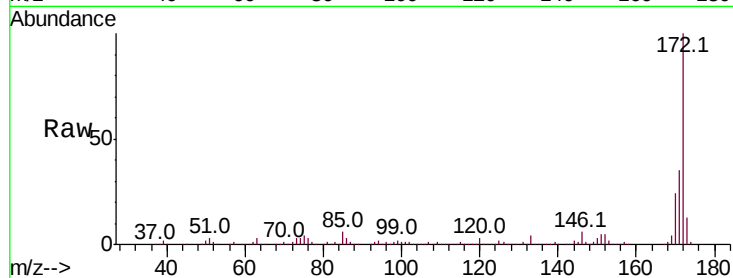




#44
2-Fluorobiphenyl
Concen: 40.126 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

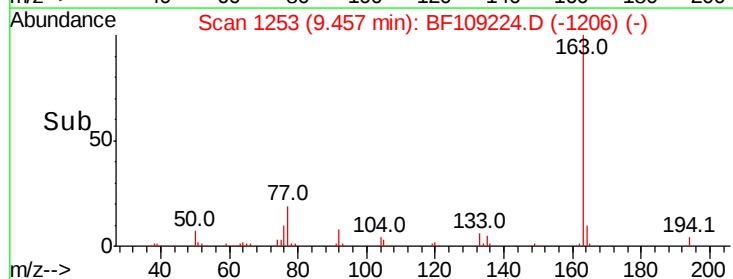
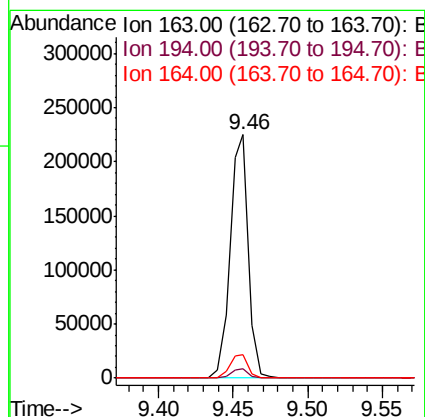
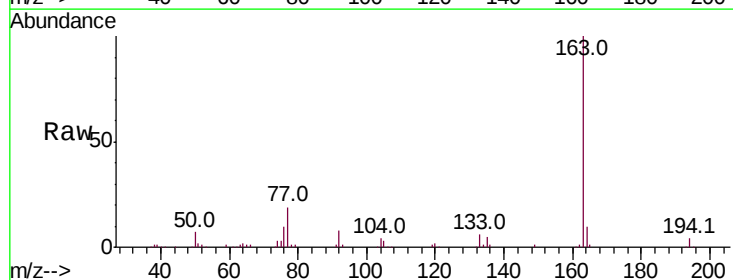
Instrument :
BNA_F
ClientSampleId :
NB-PIT-1

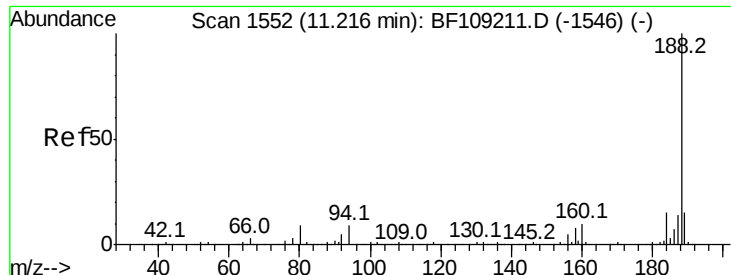
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.8	19.6	29.4



#49
Dimethylphthalate
Concen: 13.616 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.6	8.2	12.2

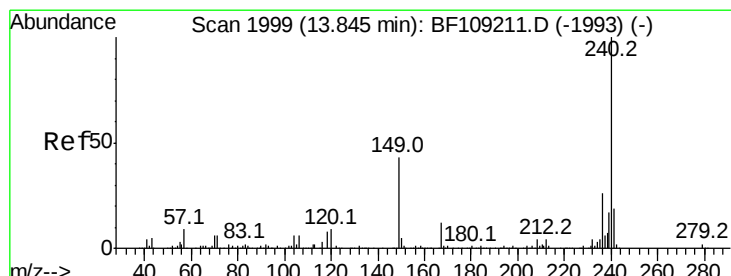
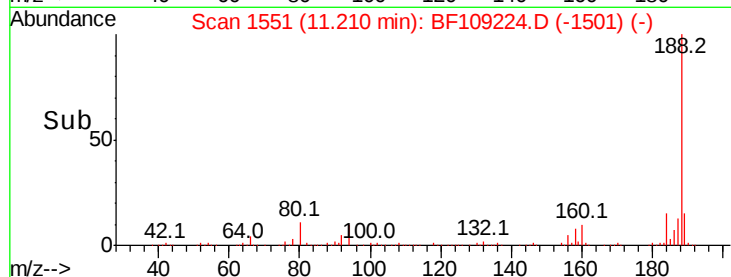
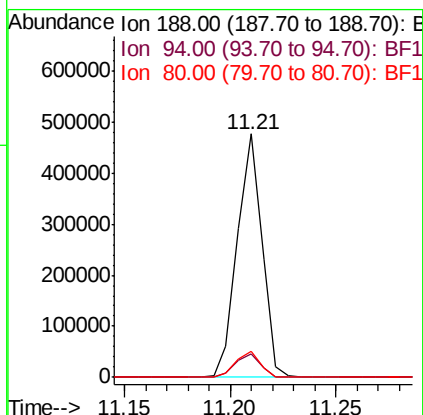
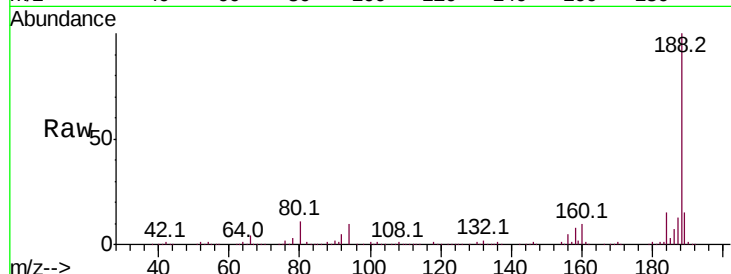




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

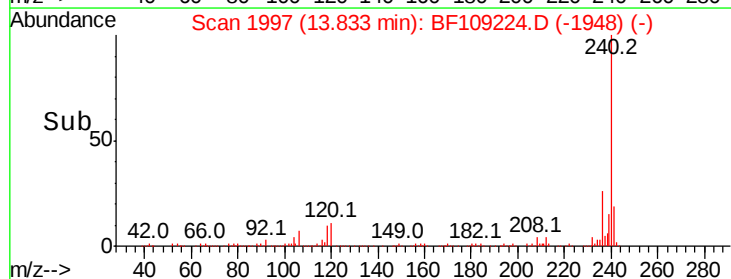
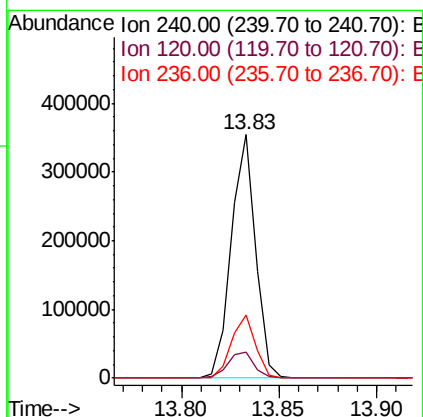
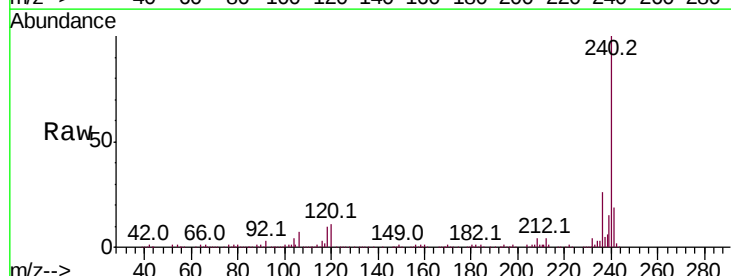
Instrument :
BNA_F
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NB-PIT-1

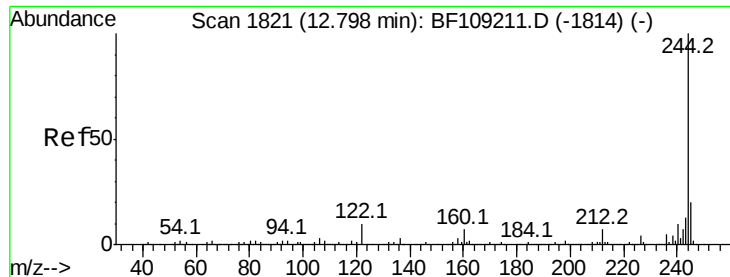
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.5	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109224.D
Acq: 22 Sep 2018 16:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.8	20.7	31.1

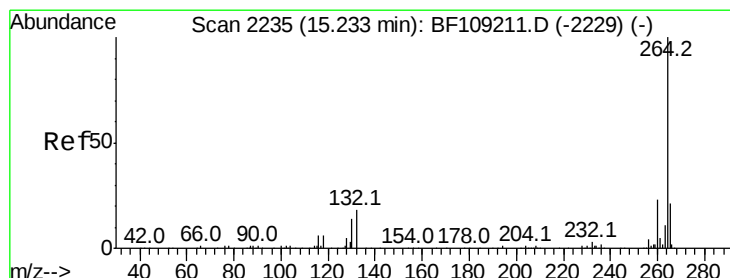
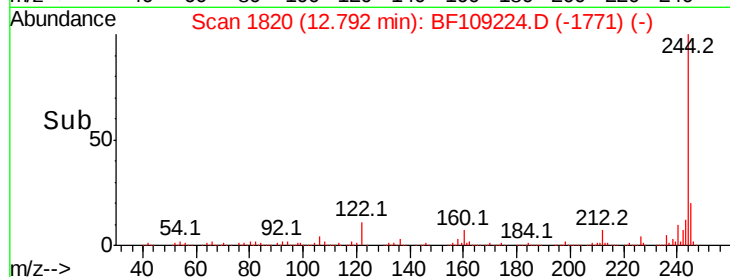
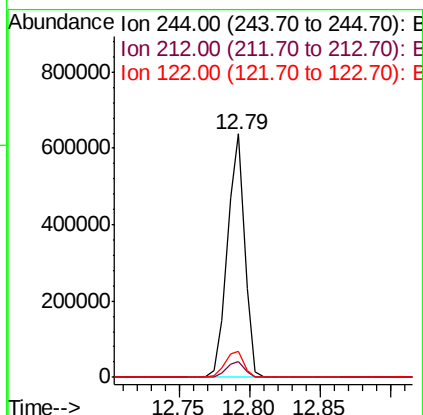
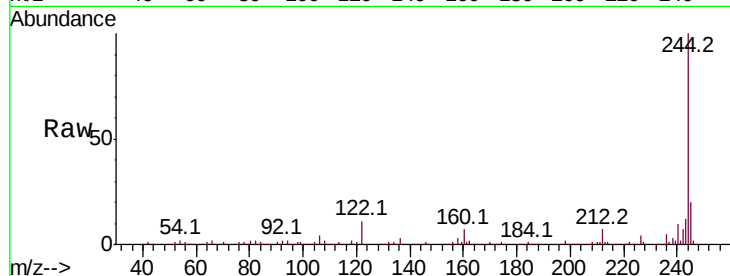




#78
 Terphenyl-d14
 Concen: 43.292 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109224.D
 Acq: 22 Sep 2018 16:34

Instrument :
 BNA_F
 ClientSampleId :
 NB-PIT-1

Tot Ion:244 Resp: 539293
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF109224.D
 Acq: 22 Sep 2018 16:34

Tgt Ion:264 Resp: 231255
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 20.6 17.5 26.3

