

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108249.D
 Acq On : 17 Aug 2018 17:59
 Operator : JU/SJ
 Sample : J4500-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROCK

Quant Time: Aug 17 18:52:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

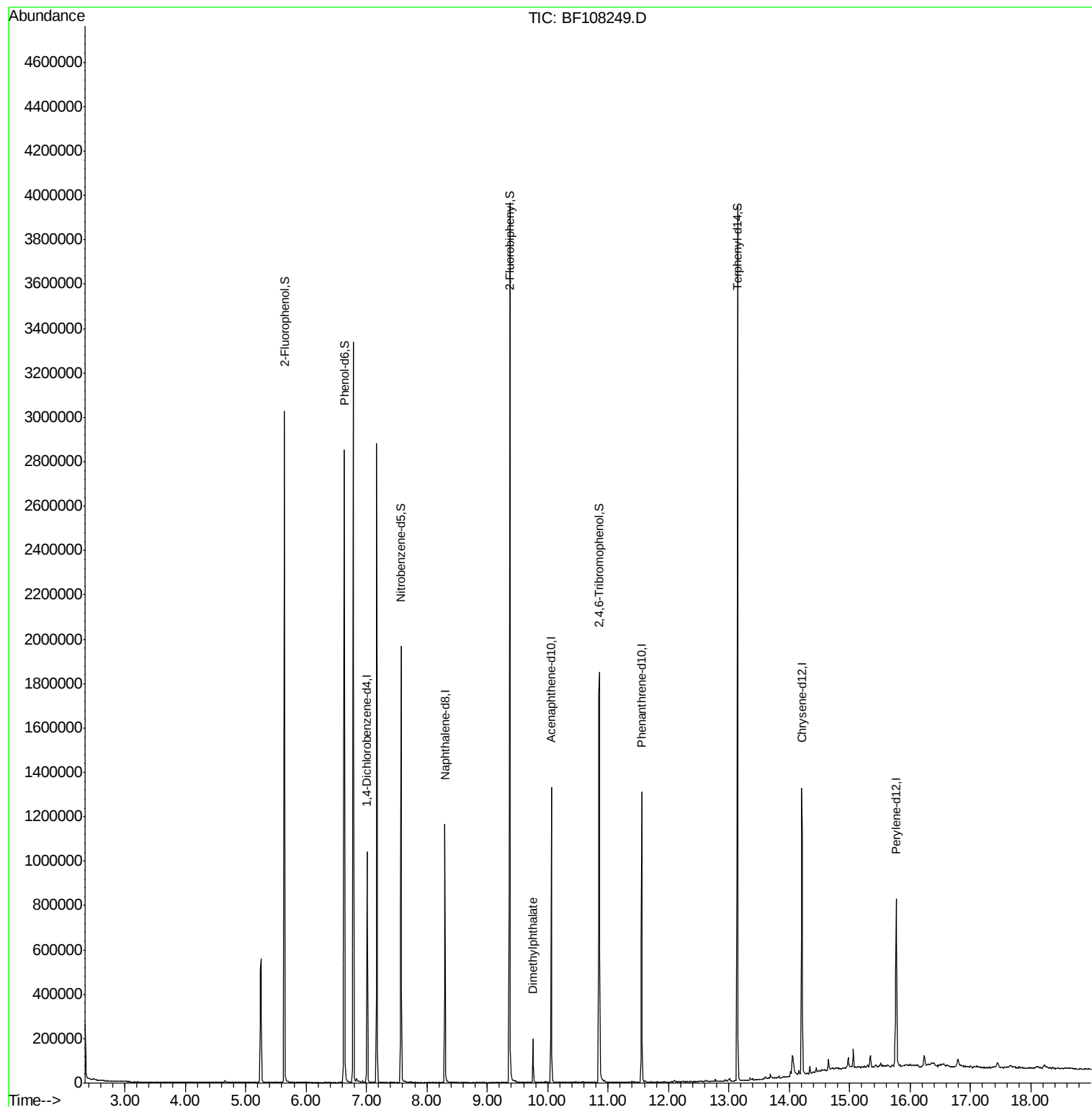
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	141057	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	520387	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	247307	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	463113	20.00	ng	0.00
75) Chrysene-d12	14.21	240	446128	20.00	ng	-0.01
86) Perylene-d12	15.77	264	382927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	732840	94.06	ng	0.01
7) Phenol-d6	6.64	99	961636	92.88	ng	0.00
23) Nitrobenzene-d5	7.58	82	622844	66.79	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	238222	96.57	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1185588	76.97	ng	0.00
78) Terphenyl-d14	13.14	244	1308196	74.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.76	163	72202	4.191	ng	Qvalue # 98

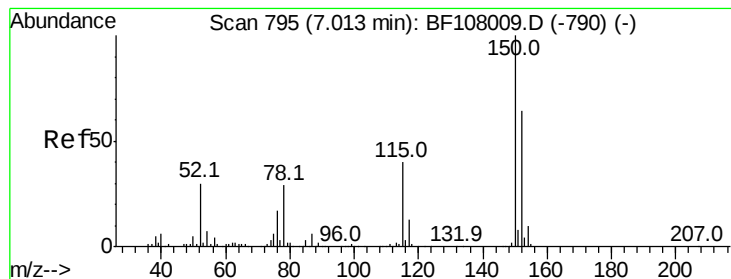
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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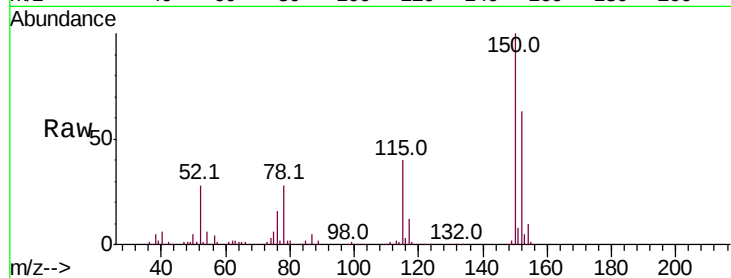


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108249.D
Acq: 17 Aug 2018 17:59

Instrument :
BNA_F
ClientSampleId :
ROCK

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	63.2	50.1	75.1

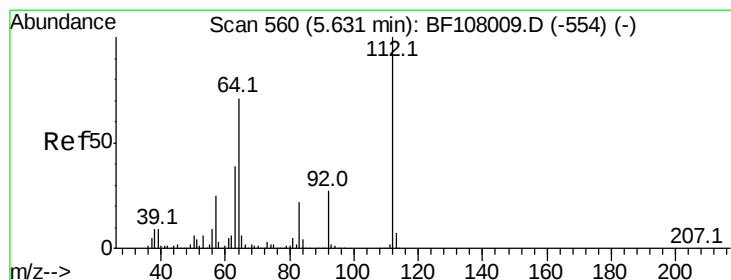
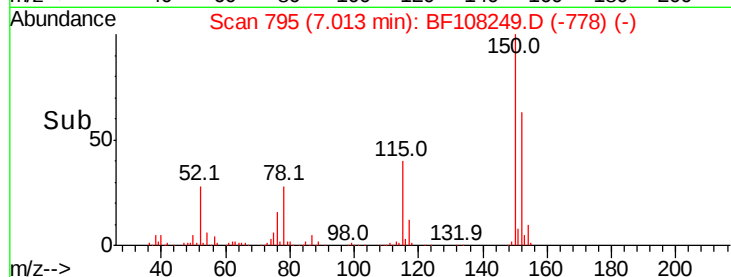
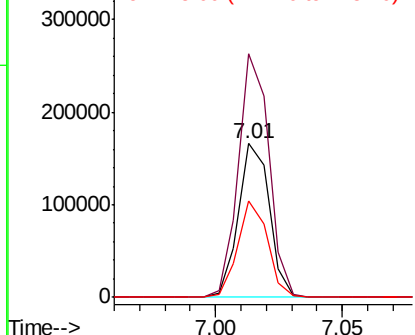


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

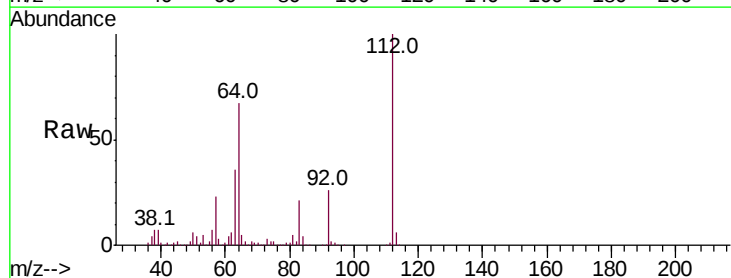
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.059 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108249.D
Acq: 17 Aug 2018 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	47.9	71.9
63	35.9	23.7	35.5#

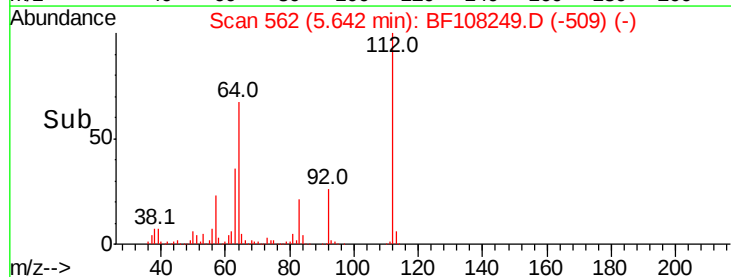
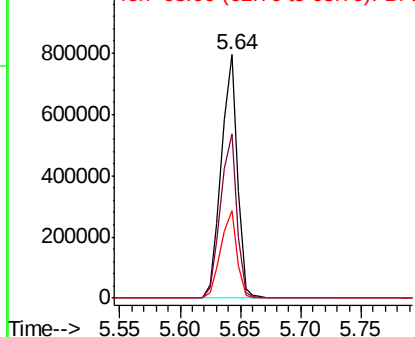


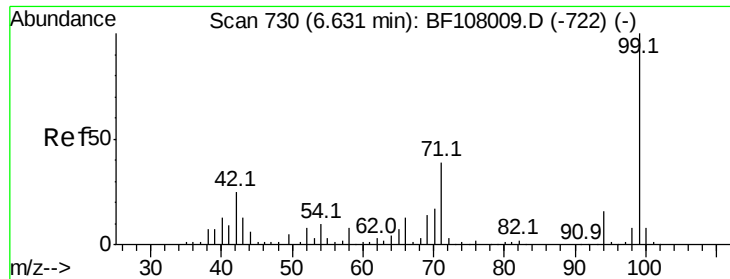
Abundance

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: 92.880 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108249.D

Acq: 17 Aug 2018 17:59

Instrument :

BNA_F

ClientSampleId :

ROCK

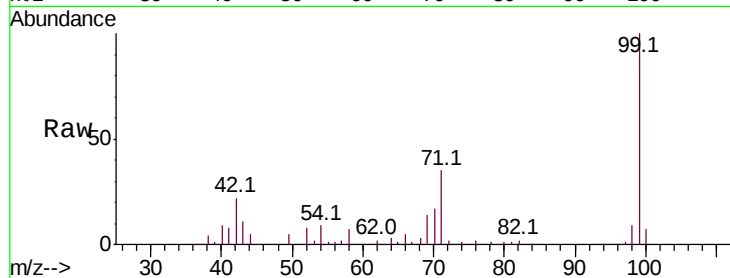
Tot Ion: 99 Resp: 961636

Ion Ratio Lower Upper

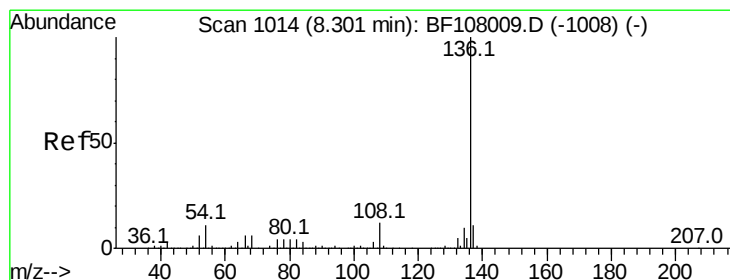
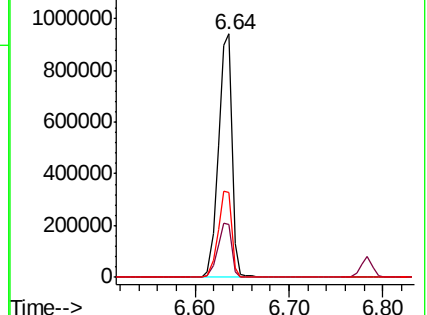
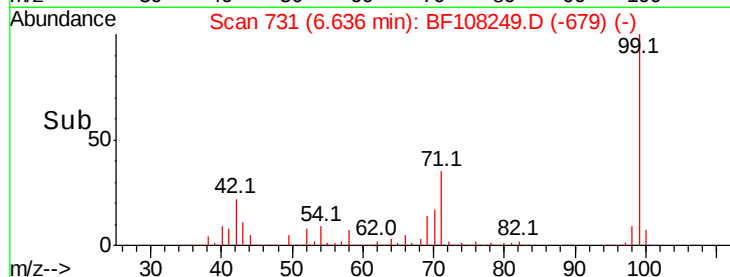
99 100

42 21.5 14.5 21.7

71 35.0 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: 8.30 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF108249.D

Acq: 17 Aug 2018 17:59

Tgt Ion: 136 Resp: 520387

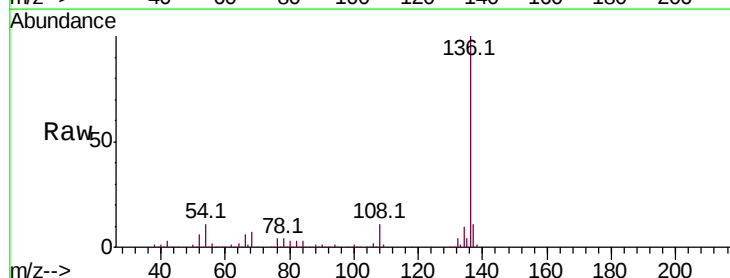
Ion Ratio Lower Upper

136 100

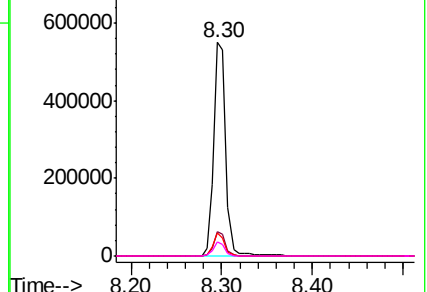
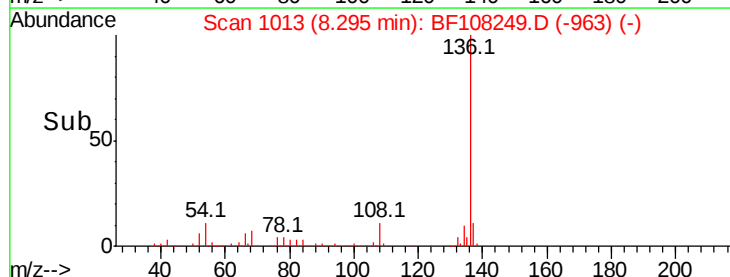
137 11.5 8.9 13.3

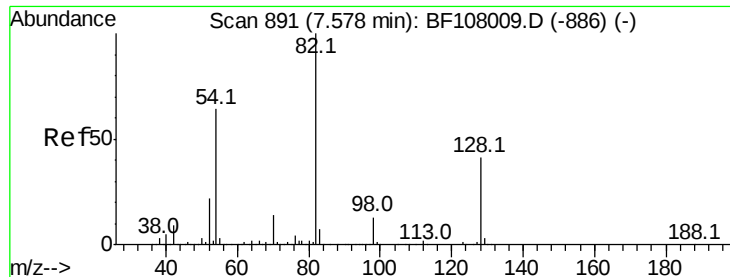
54 10.6 6.6 9.8#

68 6.6 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

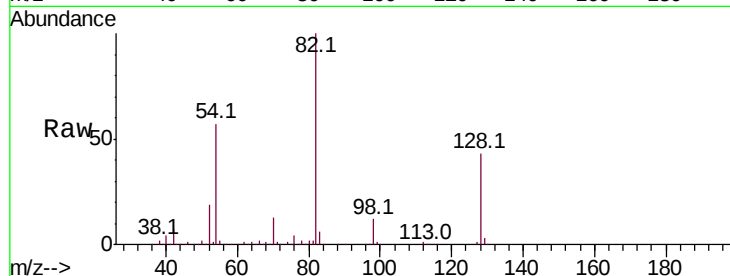




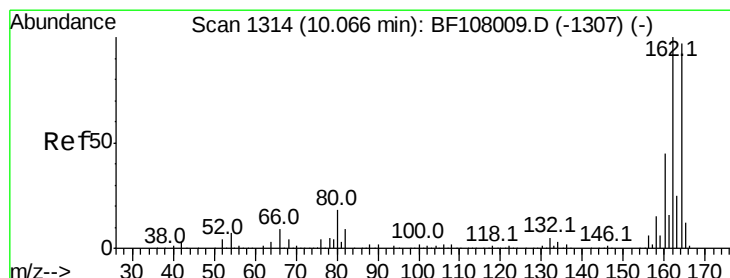
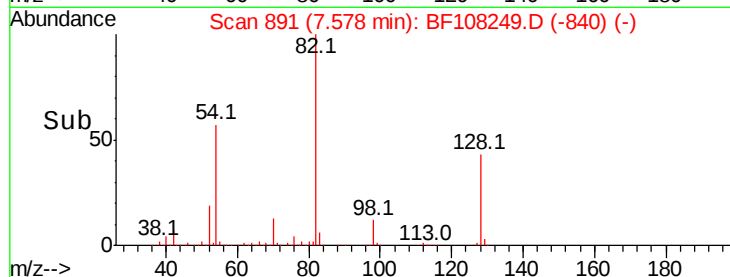
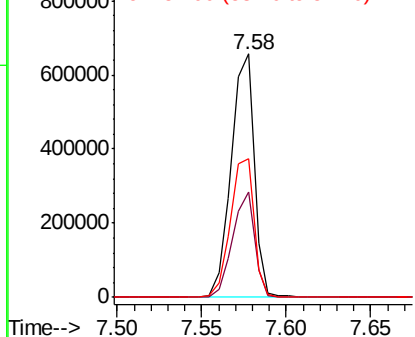
#23
 Nitrobenzene-d5
 Concen: 66.788 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108249.D
 Acq: 17 Aug 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 ROCK

Tot Ion: 82 Resp: 622844
 Ion Ratio Lower Upper
 82 100
 128 43.2 36.1 54.1
 54 56.8 41.4 62.2

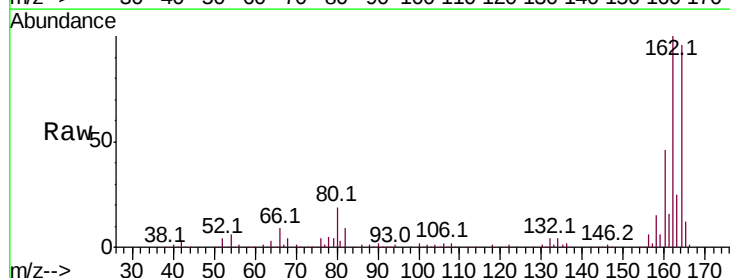


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

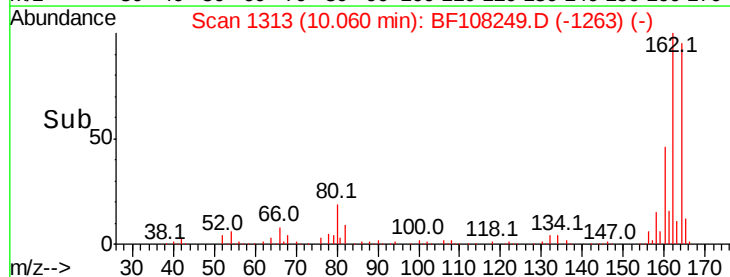
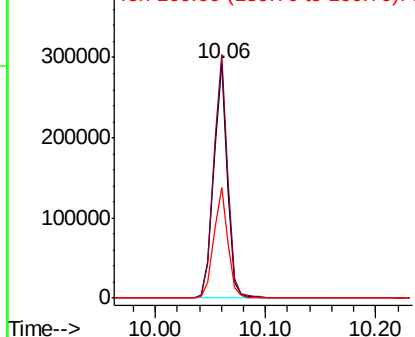


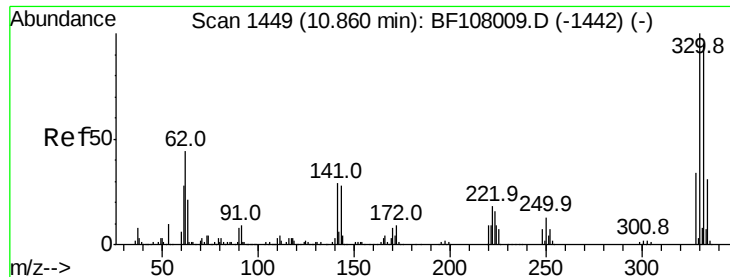
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108249.D
 Acq: 17 Aug 2018 17:59

Tgt Ion: 164 Resp: 247307
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 47.3 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

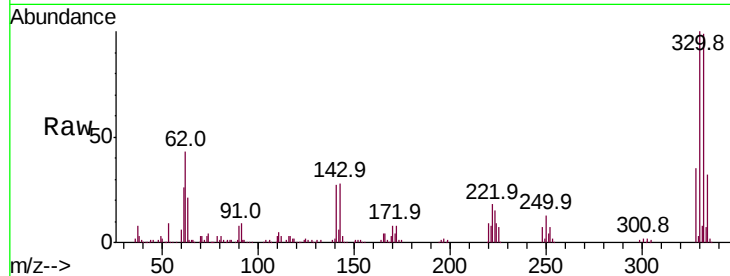




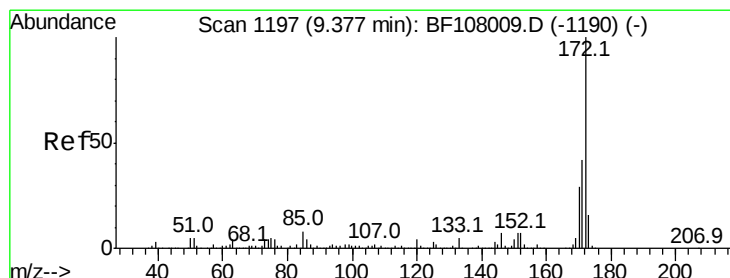
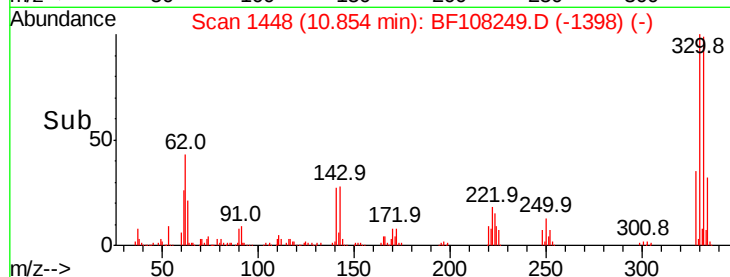
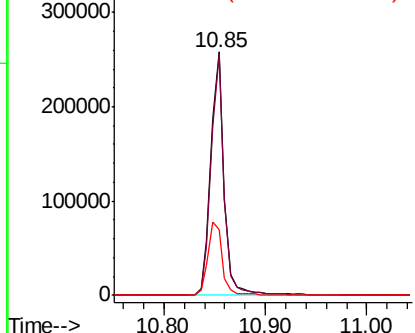
#41
 2,4,6-Tribromophenol
 Concen: 96.570 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108249.D
 Acq: 17 Aug 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 ROCK

Tot Ion:330 Resp: 238222
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 32.8 29.9 44.9

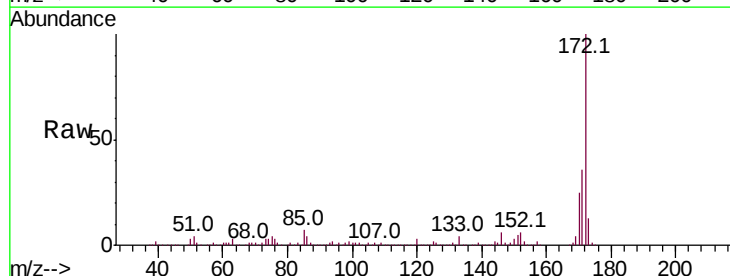


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

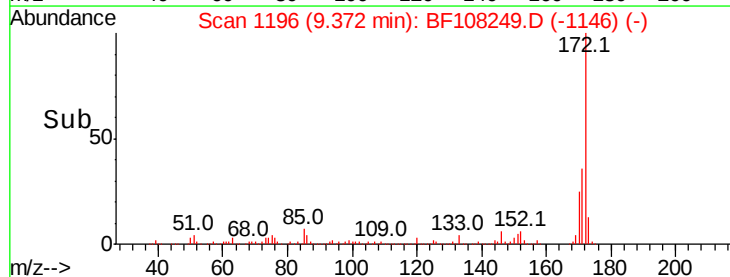
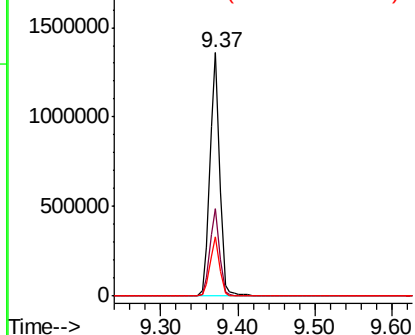


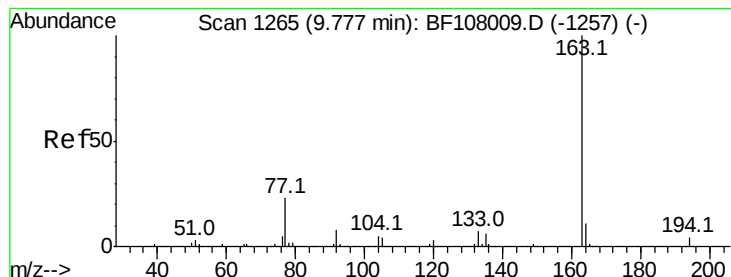
#44
 2-Fluorobiphenyl
 Concen: 76.966 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108249.D
 Acq: 17 Aug 2018 17:59

Tgt Ion:172 Resp: 1185588
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.6 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





#49

Dimethylphthalate

Concen: 4.191 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108249.D

Acq: 17 Aug 2018 17:59

Instrument :

BNA_F

ClientSampleId :

ROCK

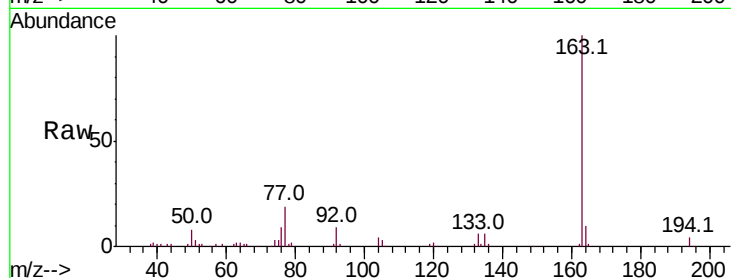
Tot Ion:163 Resp: 72202

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

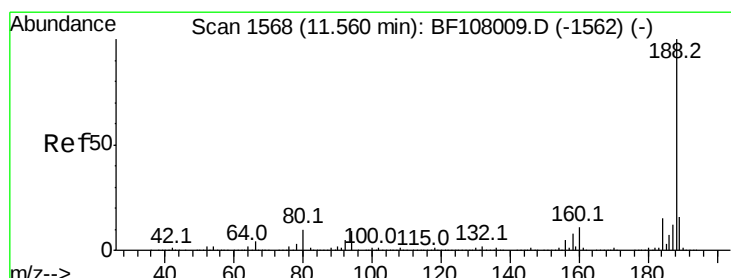
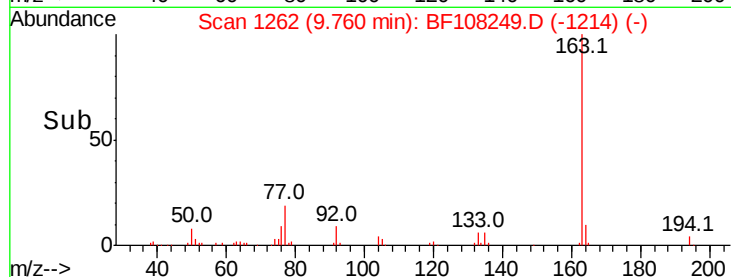
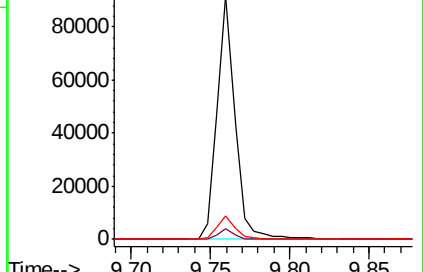
164 9.6 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108249.D

Acq: 17 Aug 2018 17:59

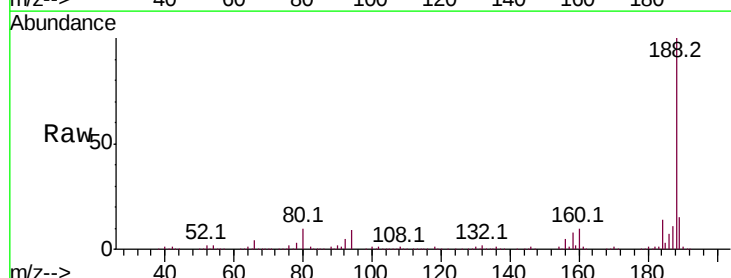
Tgt Ion:188 Resp: 463113

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

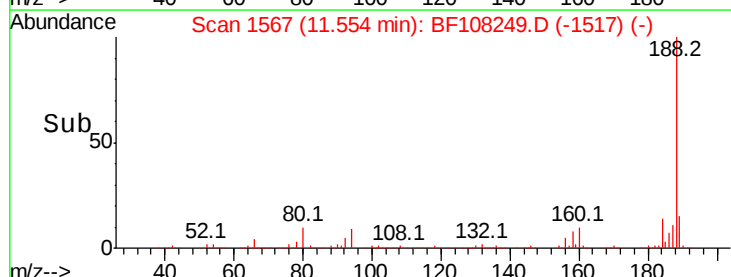
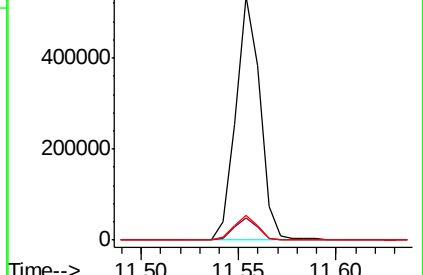
80 10.4 9.2 13.8

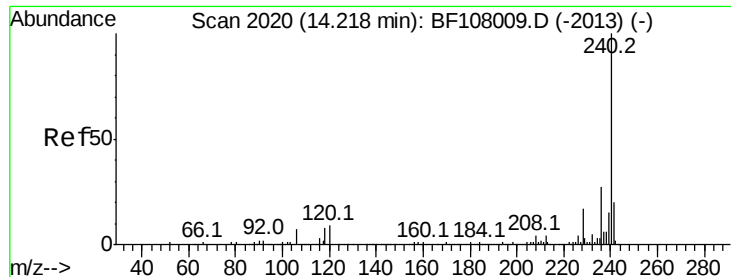


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108249.D

Acq: 17 Aug 2018 17:59

Instrument :

BNA_F

ClientSampleId :

ROCK

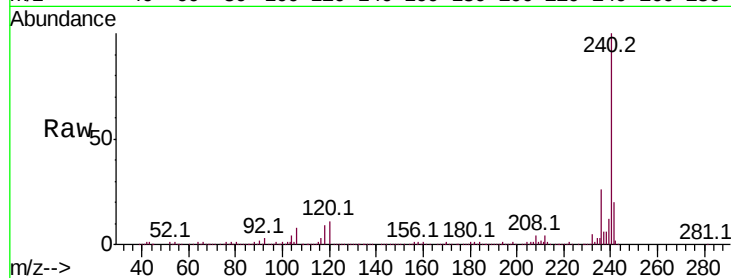
Tot Ion:240 Resp: 446128

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

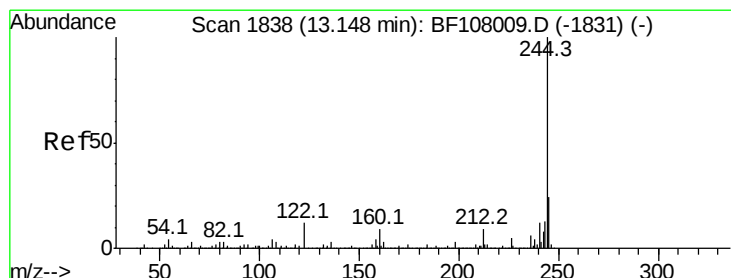
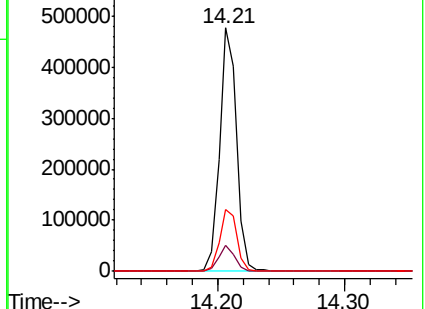
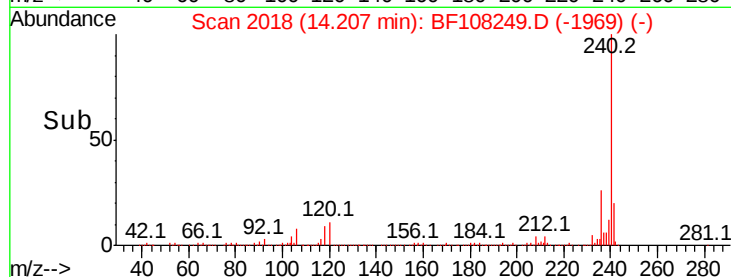
236 25.6 20.7 31.1



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: 74.557 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108249.D

Acq: 17 Aug 2018 17:59

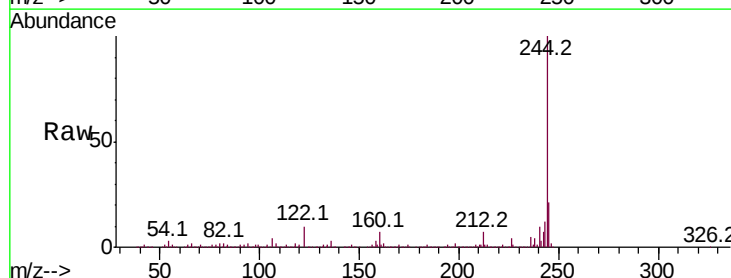
Tgt Ion:244 Resp: 1308196

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

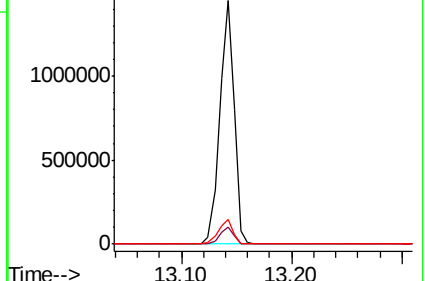
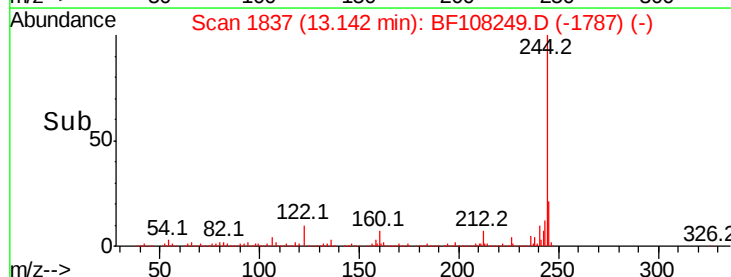
122 10.2 11.0 16.4#

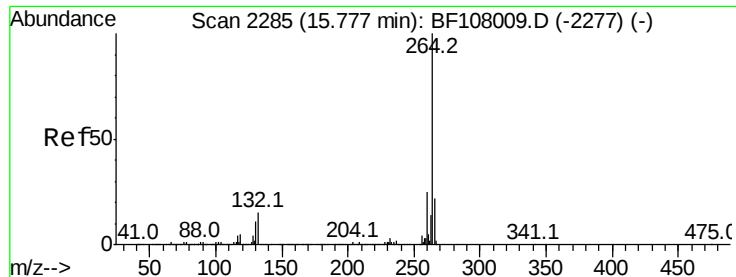


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

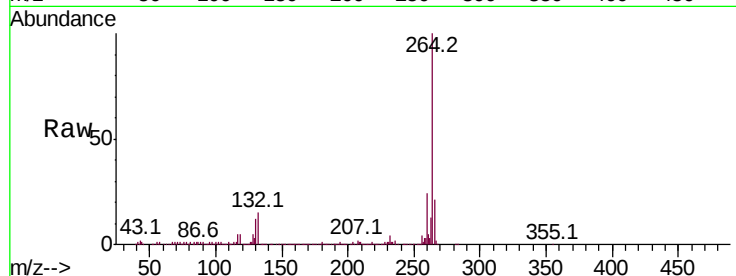




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108249.D
Acq: 17 Aug 2018 17:59

Instrument :
BNA_F
ClientSampleId :
ROCK

Tot Ion:	264	Resp:	382927
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	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

