

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108321.D
 Acq On : 21 Aug 2018 6:21
 Operator : JU/SJ
 Sample : J4500-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROCK

Quant Time: Aug 21 07:09:19 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	7.02	152	172704	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	582934	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	245208	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	426366	20.00	ng	0.00
75) Chrysene-d12	14.21	240	297655	20.00	ng	0.00
86) Perylene-d12	15.78	264	225134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1277737	133.95	ng	0.04
7) Phenol-d6	6.65	99	1458144	115.03	ng	0.02
23) Nitrobenzene-d5	7.58	82	1139102	109.04	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	378095	154.58	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1860887	121.84	ng	0.00
78) Terphenyl-d14	13.15	244	1718647	146.81	ng	0.00

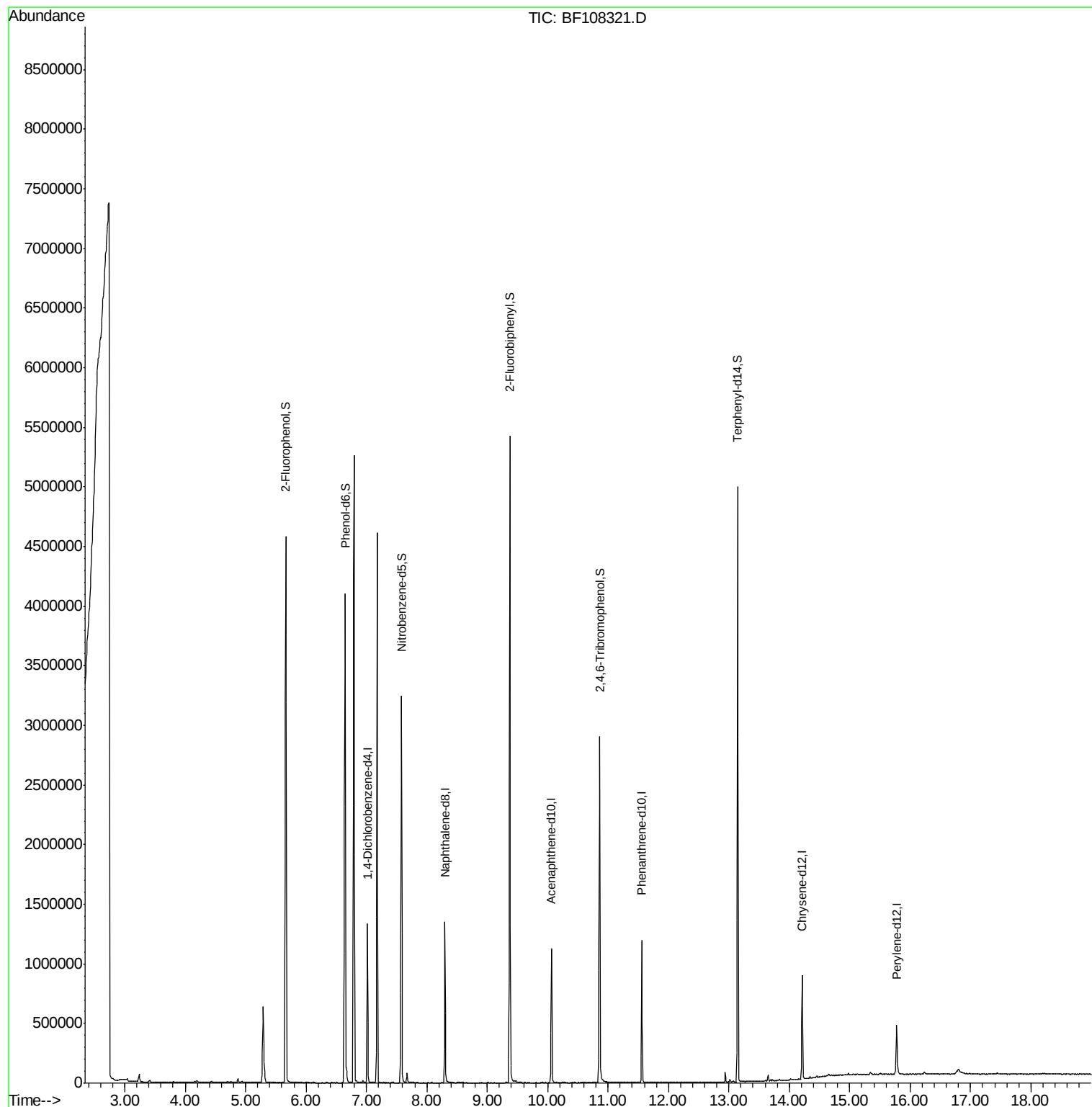
Target Compounds Qvalue

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

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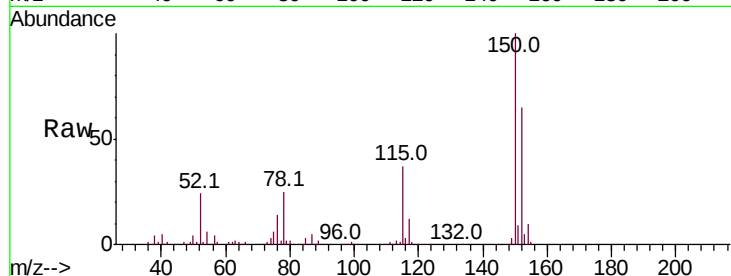


#1

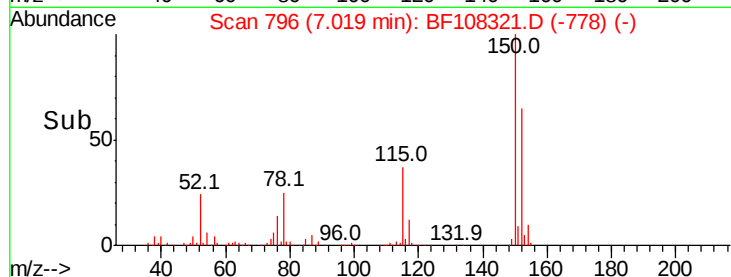
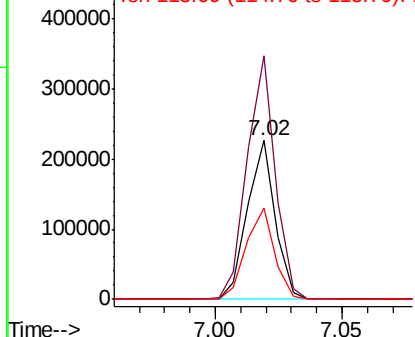
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108321.D
Acq: 21 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
ROCK

Tot Ion:152 Resp: 172704
Ion Ratio Lower Upper
152 100
150 153.2 124.6 186.8
115 57.2 50.1 75.1



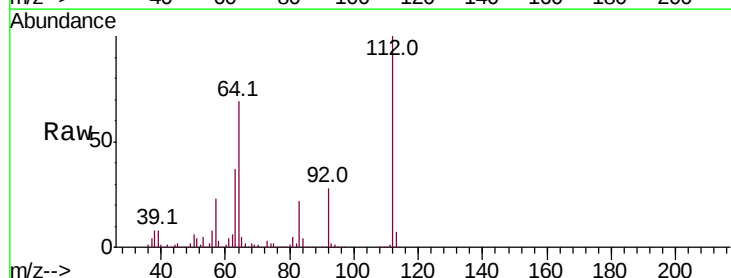
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



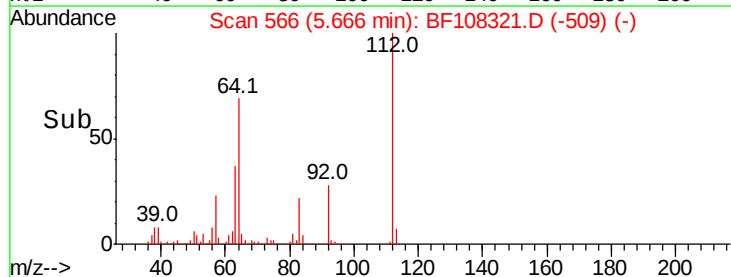
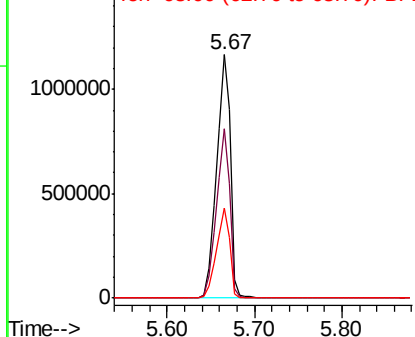
#5

2-Fluorophenol
Concen: 133.945 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.04 min
Lab File: BF108321.D
Acq: 21 Aug 2018 6:21

Tgt Ion:112 Resp: 1277737
Ion Ratio Lower Upper
112 100
64 69.3 47.9 71.9
63 37.1 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: 115.028 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.02 min

Lab File: BF108321.D

Acq: 21 Aug 2018 6:21

Instrument :

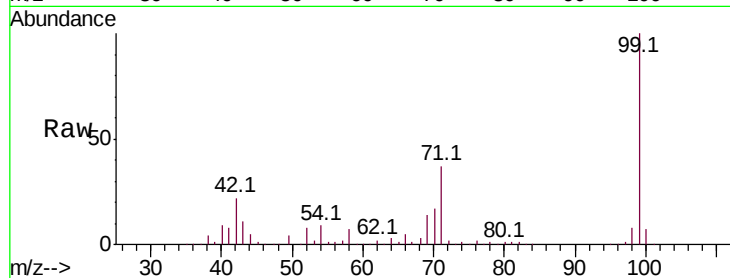
BNA_F

ClientSampleId :

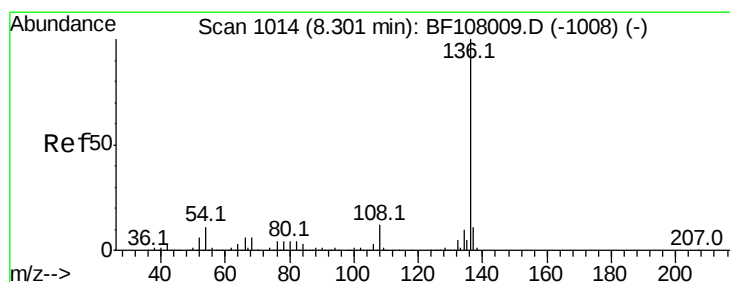
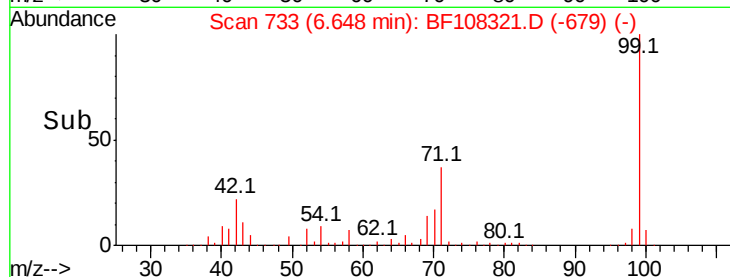
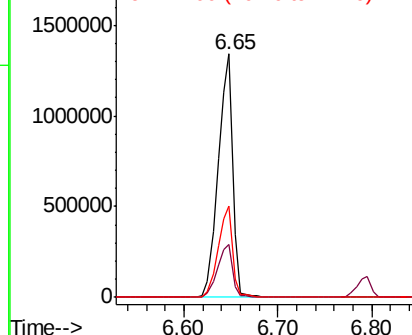
ROCK

Tot Ion: 99 Resp: 1458144

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	37.5	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# 1014

Delta R.T. 0.00 min

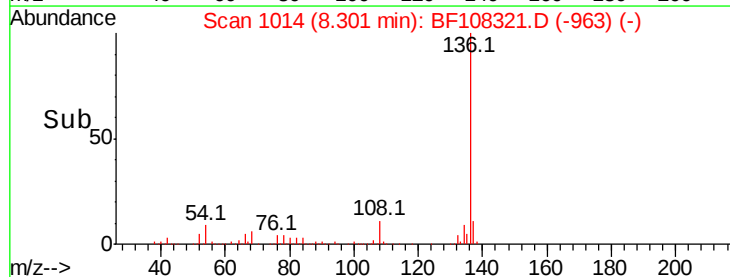
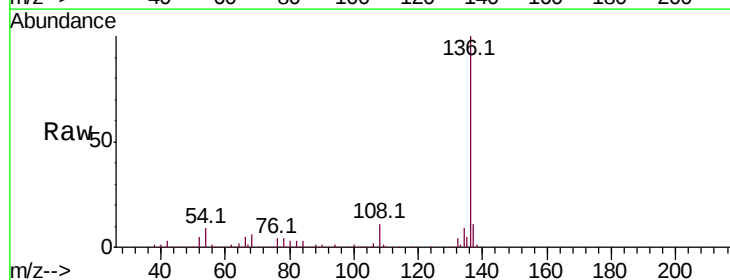
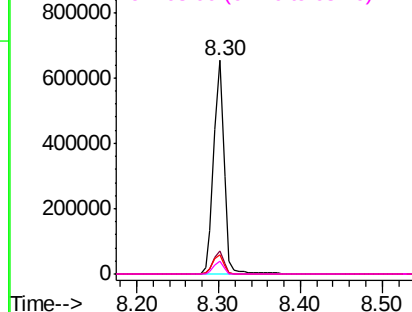
Lab File: BF108321.D

Acq: 21 Aug 2018 6:21

Tgt Ion: 136 Resp: 582934

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.1	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

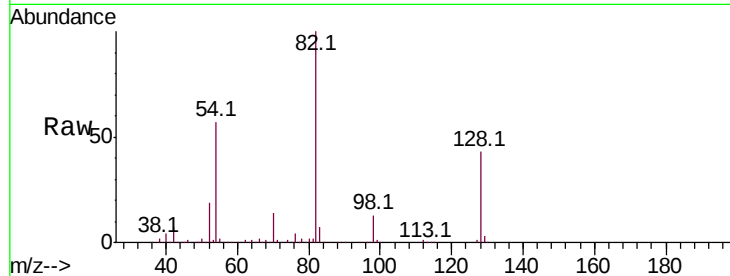




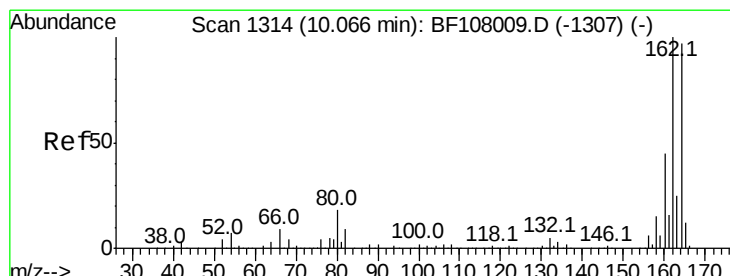
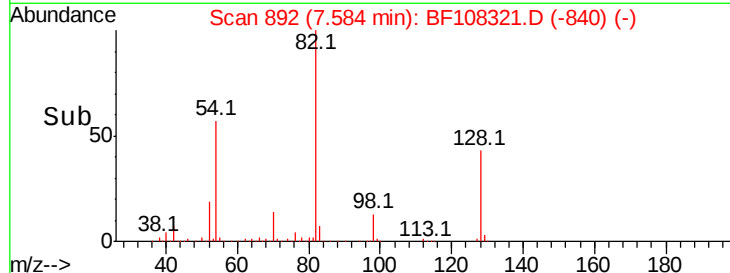
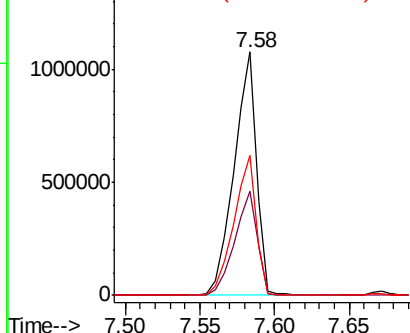
#23
Nitrobenzene-d5
Concen: 109.041 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108321.D
Acq: 21 Aug 2018 6:21

Instrument :
BNA_F
ClientSampleId :
ROCK

Tot Ion: 82 Resp: 1139102
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 57.5 41.4 62.2

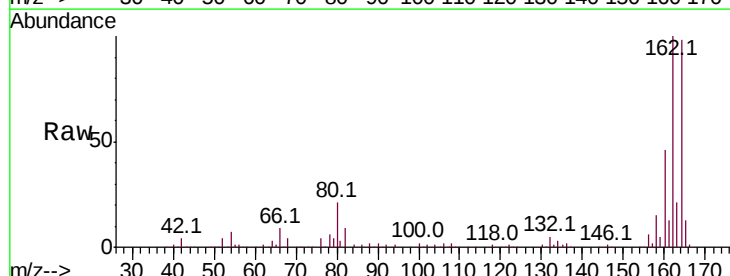


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

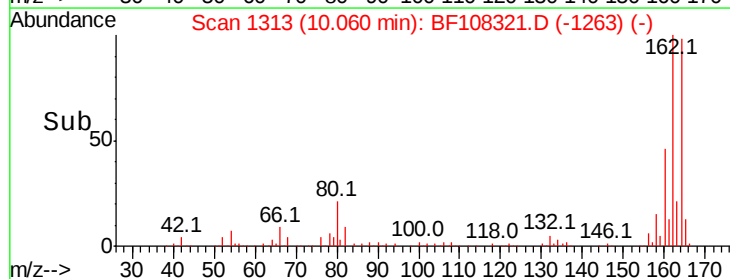
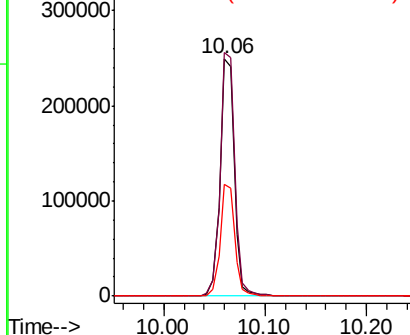


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108321.D
Acq: 21 Aug 2018 6:21

Tgt Ion:164 Resp: 245208
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 46.8 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

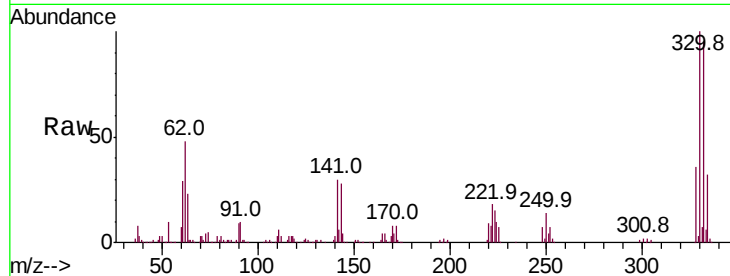




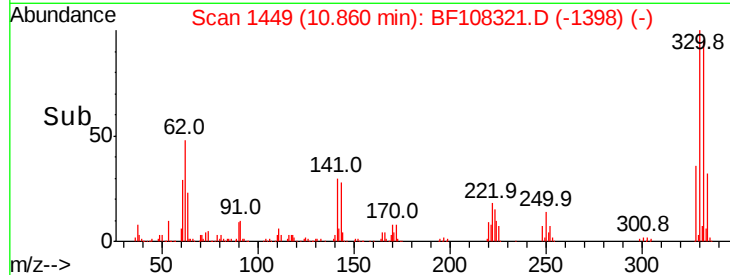
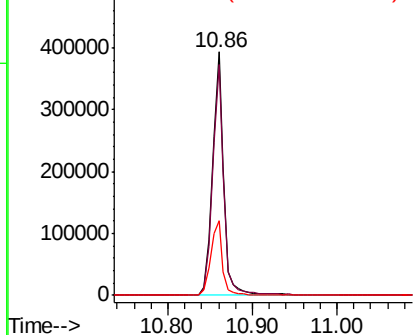
#41
 2,4,6-Tribromophenol
 Concen: 154.584 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108321.D
 Acq: 21 Aug 2018 6:21

Instrument :
 BNA_F
 ClientSampled :
 ROCK

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	31.6	29.9	44.9

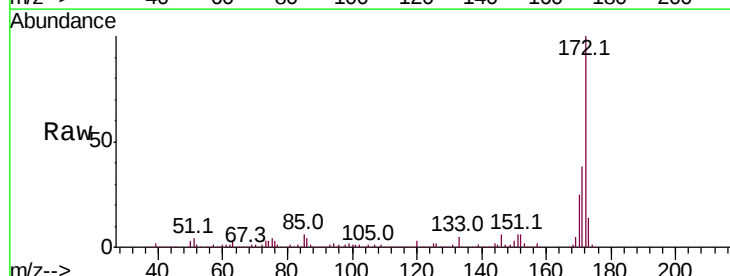


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

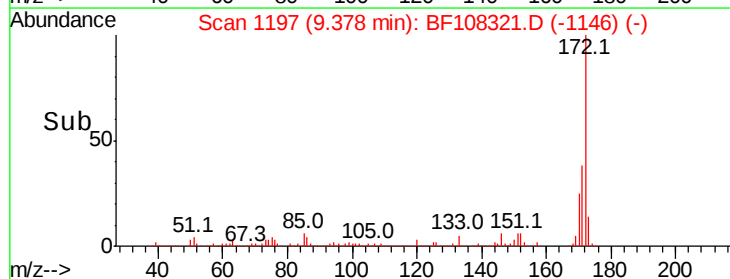
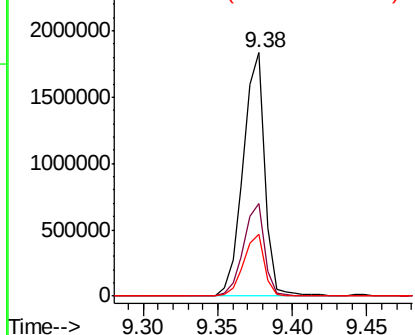


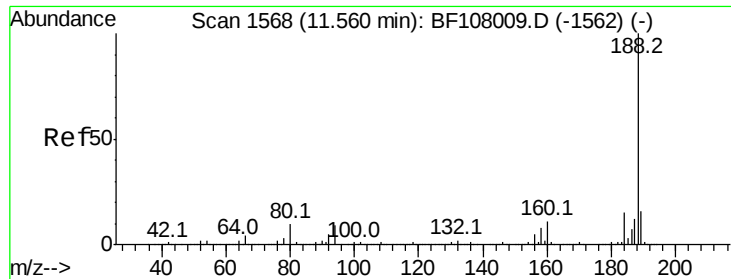
#44
 2-Fluorobiphenyl
 Concen: 121.839 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108321.D
 Acq: 21 Aug 2018 6:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.2	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

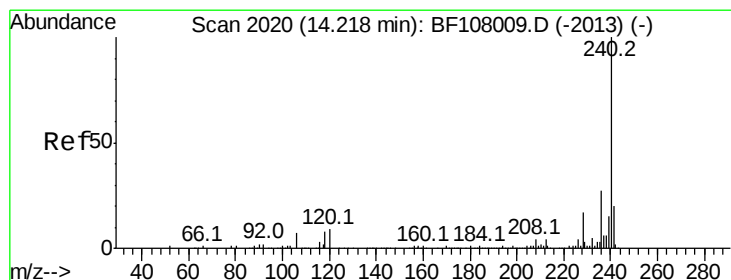
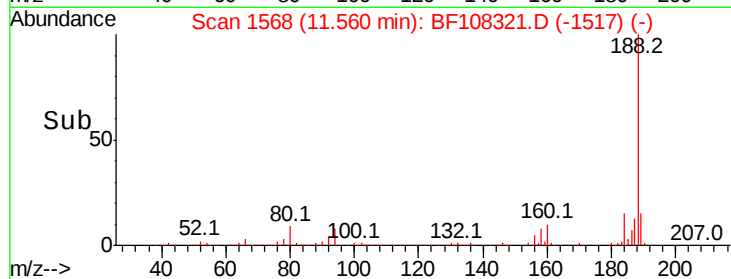
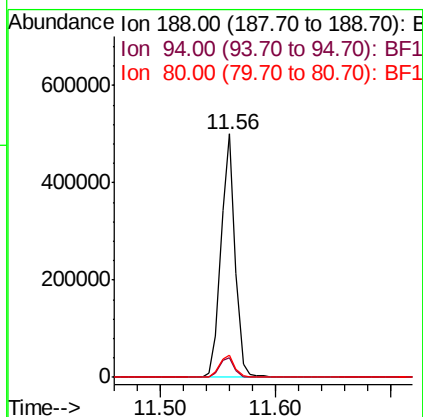
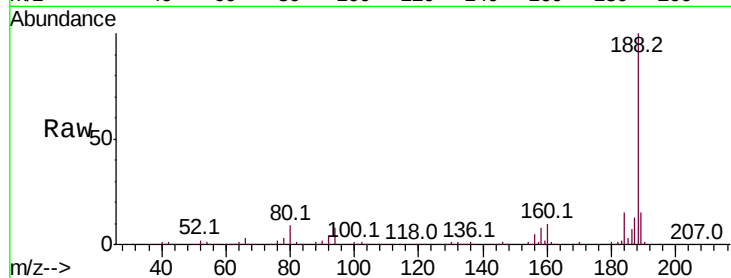




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108321.D
Acq: 21 Aug 2018 6:21

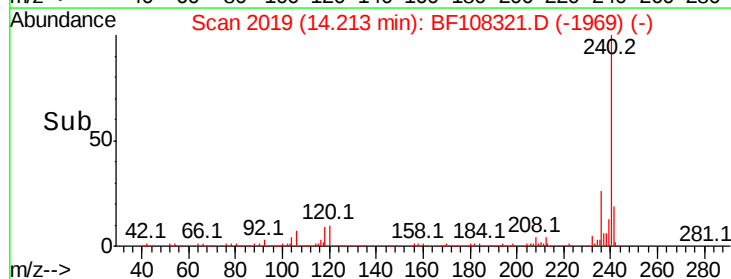
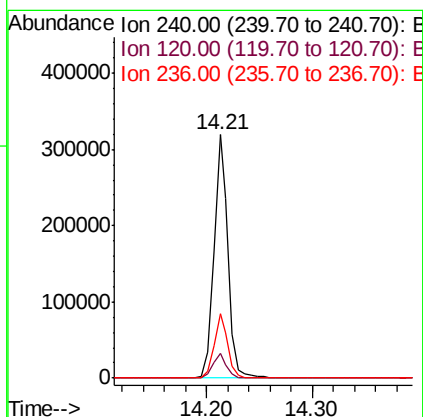
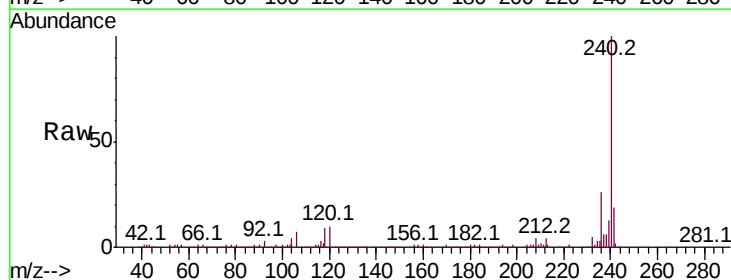
Instrument :
BNA_F
ClientSampleId :
ROCK

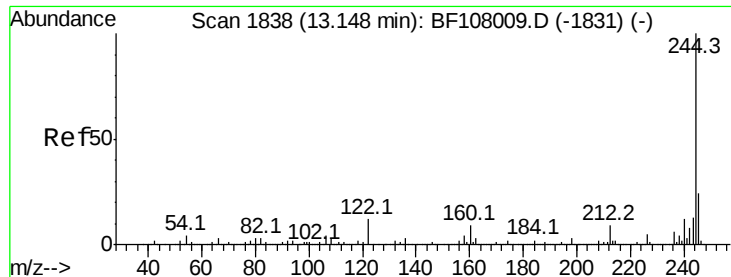
Tot Ion:188 Resp: 426366
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 9.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108321.D
Acq: 21 Aug 2018 6:21

Tgt Ion:240 Resp: 297655
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 146.807 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108321.D

Acq: 21 Aug 2018 6:21

Instrument :

BNA_F

ClientSampleId :

ROCK

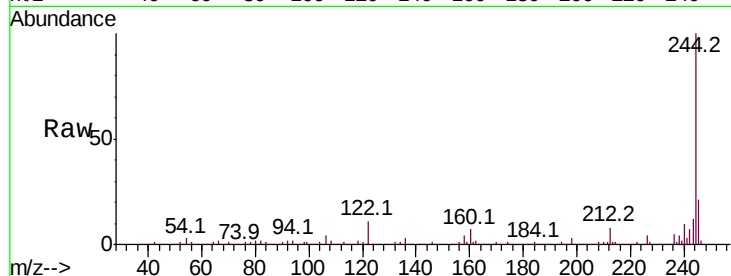
Tot Ion:244 Resp: 1718647

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

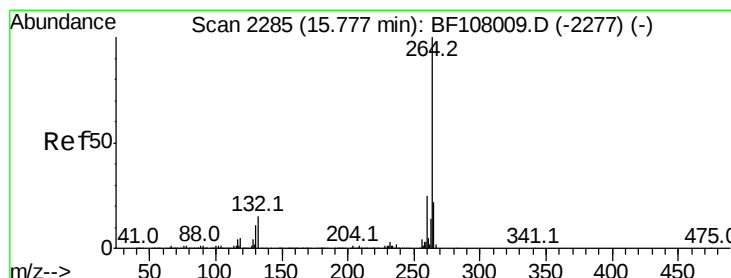
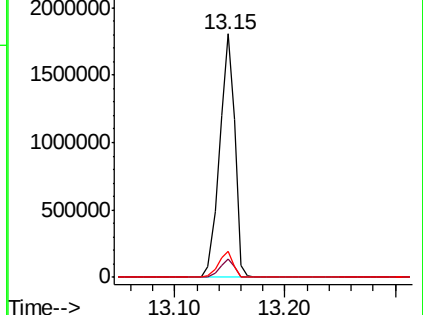
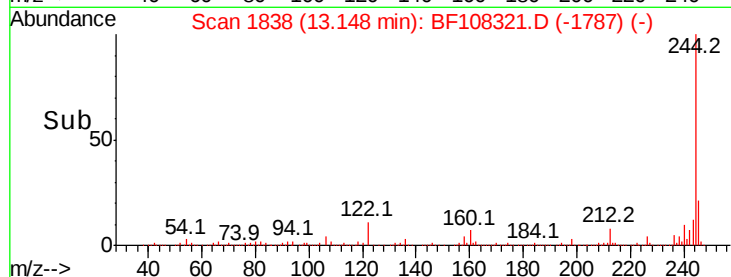
122 10.7 11.0 16.4#



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: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108321.D

Acq: 21 Aug 2018 6:21

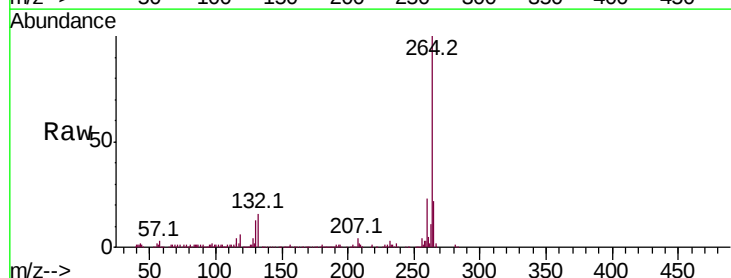
Tgt Ion:264 Resp: 225134

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 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

