

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108330.D
 Acq On : 21 Aug 2018 11:17
 Operator : JU/SJ
 Sample : J4500-24
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROCK

Quant Time: Aug 21 12:07:41 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	175050	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	649268	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	332775	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	699998	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	539948	20.00	ng	-0.02
86) Perylene-d12	15.75	264	371271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1269592	131.31	ng	0.02
7) Phenol-d6	6.64	99	1505510	117.17	ng	0.00
23) Nitrobenzene-d5	7.57	82	1253282	107.71	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	598500	180.31	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2169773	104.68	ng	-0.01
78) Terphenyl-d14	13.14	244	2602263	122.54	ng	-0.01

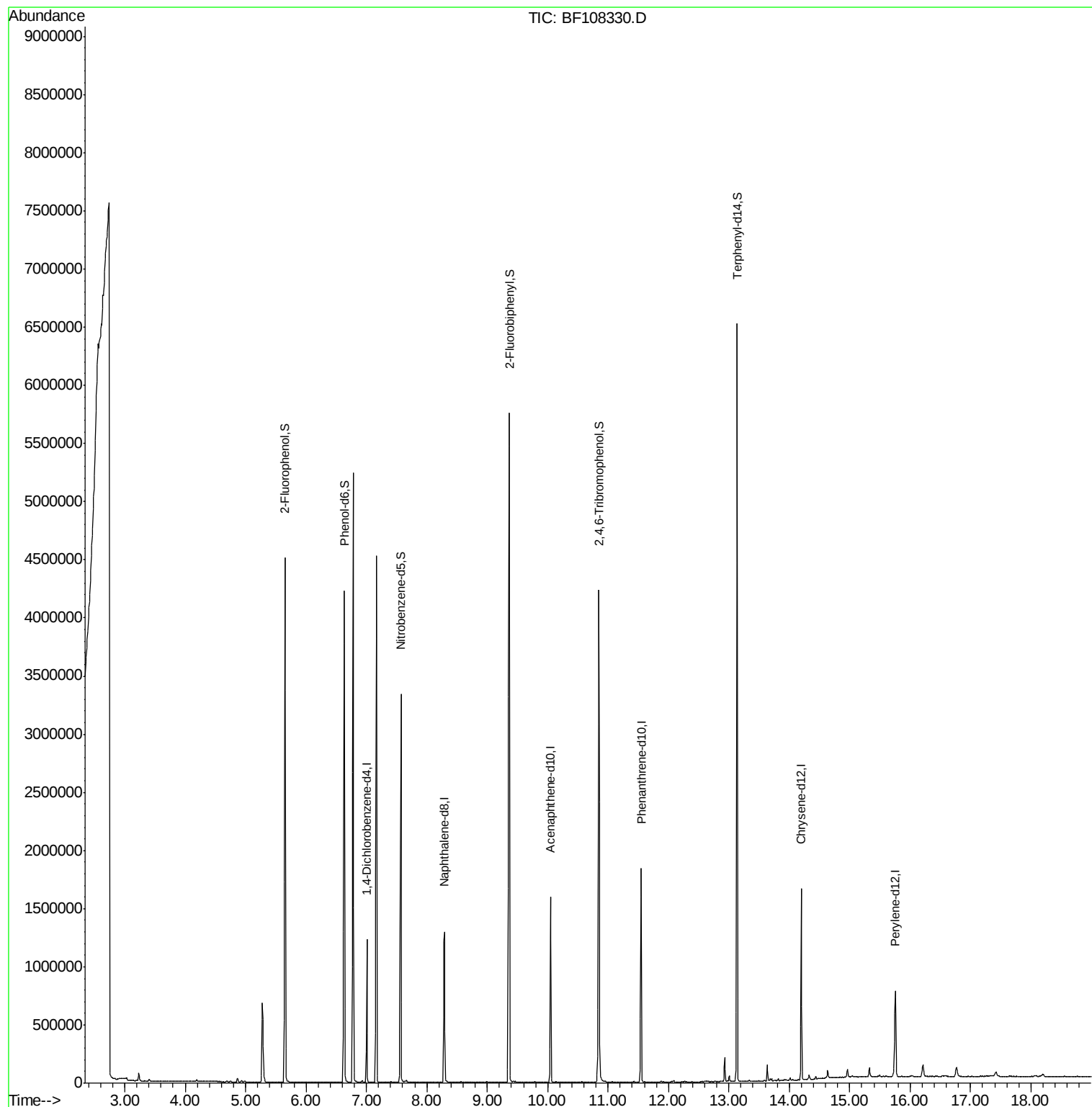
Target Compounds Qvalue

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

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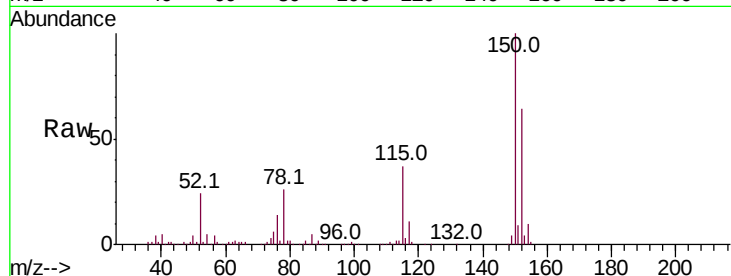


#1

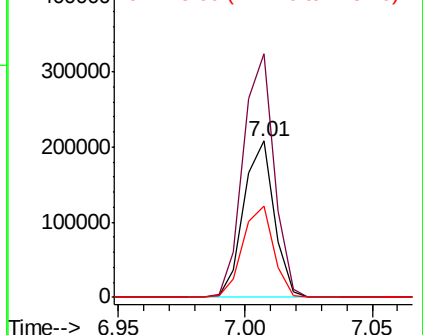
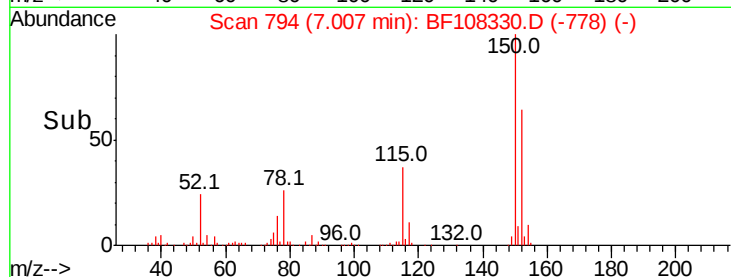
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108330.D
Acq: 21 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
ROCK

Tot Ion:152 Resp: 175050
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 58.2 50.1 75.1



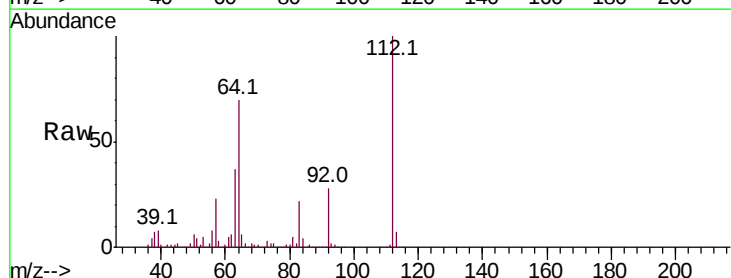
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



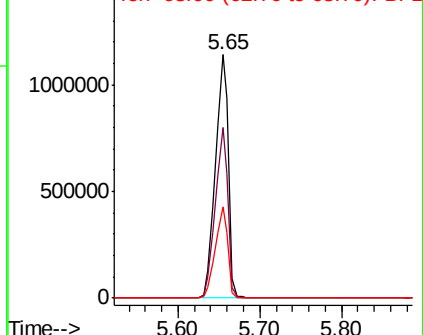
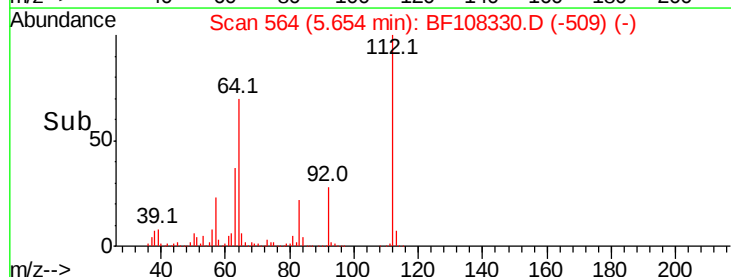
#5

2-Fluorophenol
Concen: 131.308 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108330.D
Acq: 21 Aug 2018 11:17

Tgt Ion:112 Resp: 1269592
Ion Ratio Lower Upper
112 100
64 70.3 47.9 71.9
63 37.4 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: 117.173 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108330.D

Acq: 21 Aug 2018 11:17

Instrument :

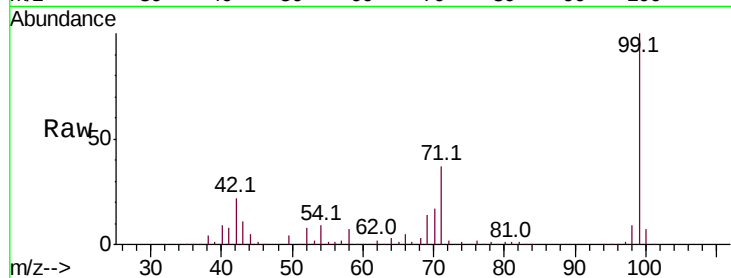
BNA_F

ClientSampled :

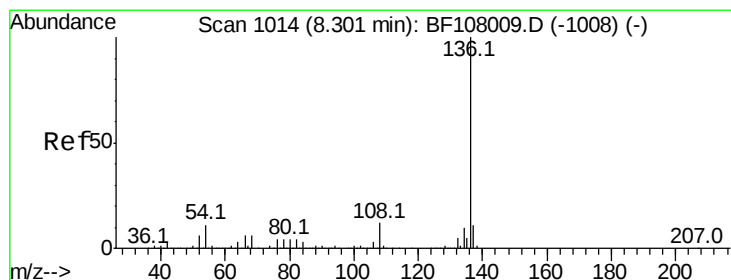
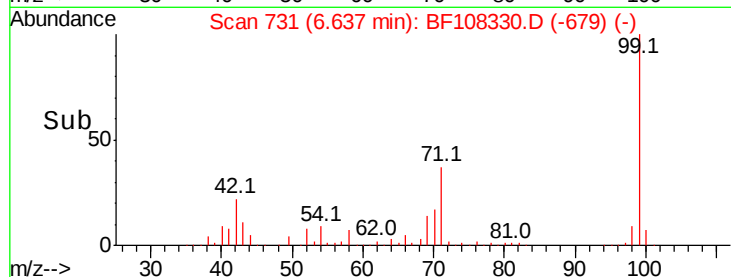
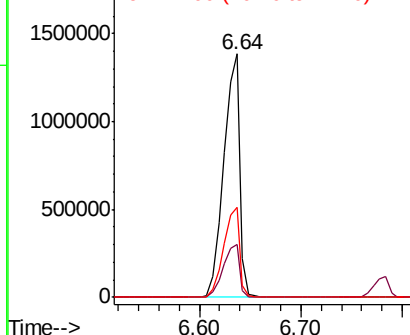
ROCK

Tot Ion: 99 Resp: 1505510

Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	37.0	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: 8.29 min Scan# 1012

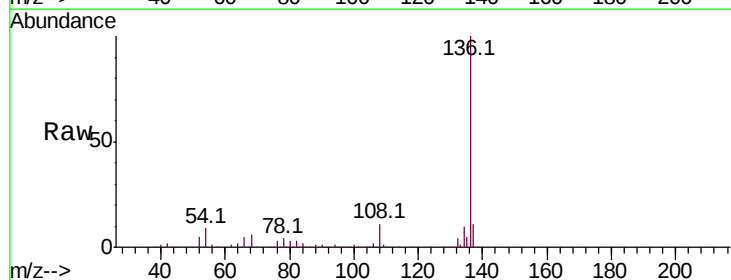
Delta R.T. -0.01 min

Lab File: BF108330.D

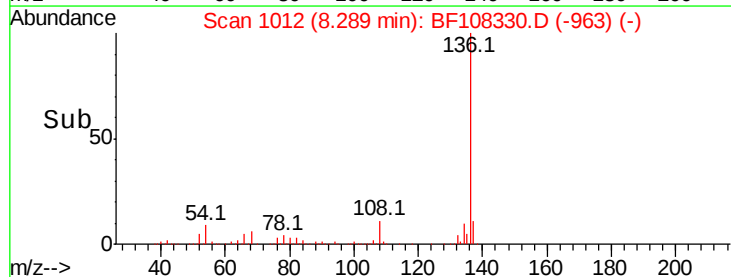
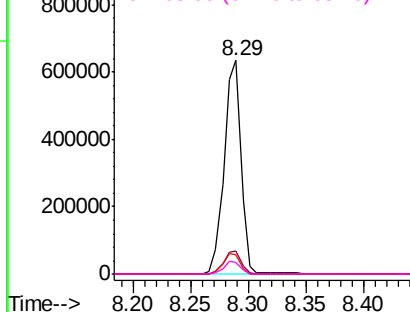
Acq: 21 Aug 2018 11:17

Tgt Ion: 136 Resp: 649268

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.2	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: 107.714 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108330.D

Acq: 21 Aug 2018 11:17

Instrument :

BNA_F

ClientSampled :

ROCK

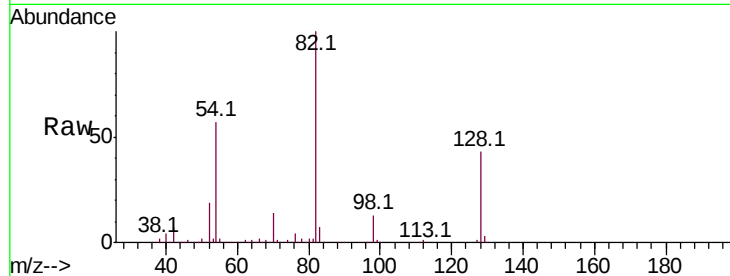
Tot Ion: 82 Resp: 1253282

Ion Ratio Lower Upper

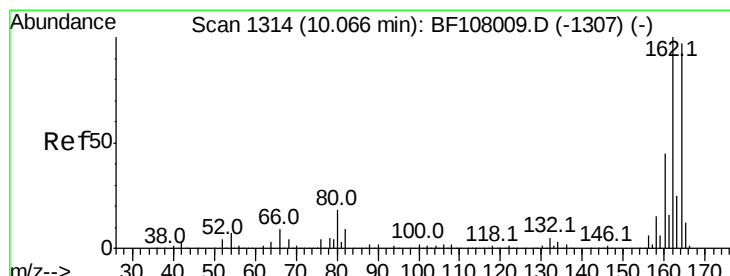
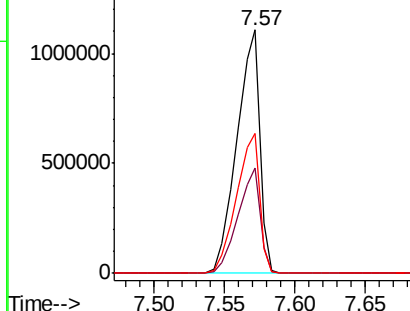
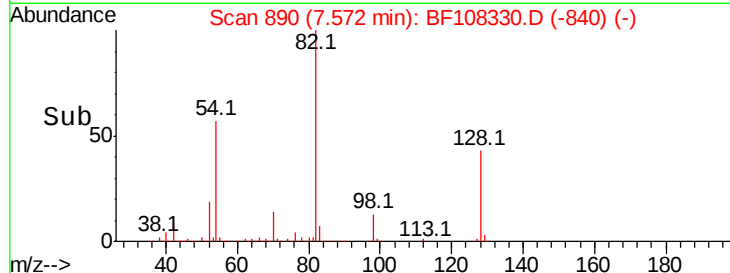
82 100

128 43.5 36.1 54.1

54 57.2 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: 10.05 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF108330.D

Acq: 21 Aug 2018 11:17

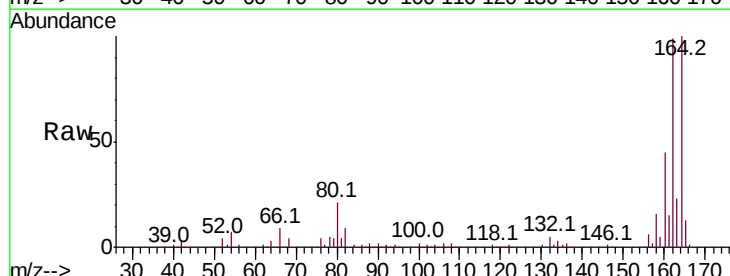
Tgt Ion:164 Resp: 332775

Ion Ratio Lower Upper

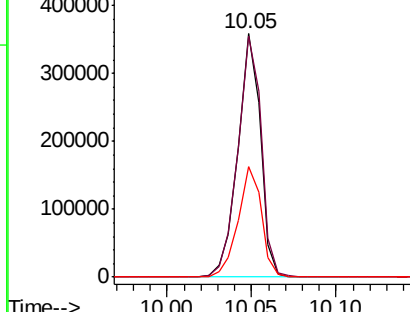
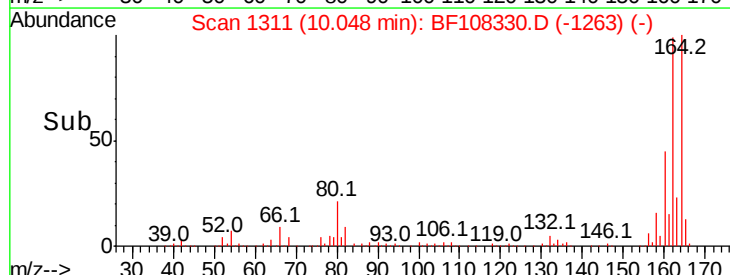
164 100

162 98.8 86.1 129.1

160 45.4 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

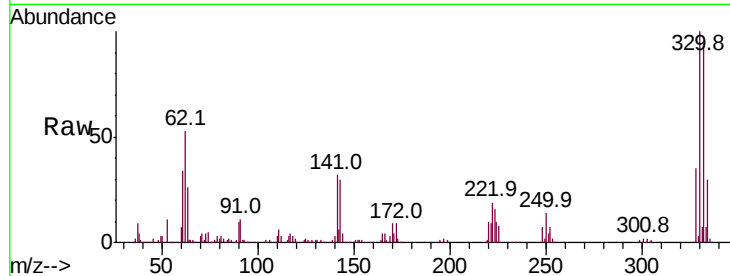




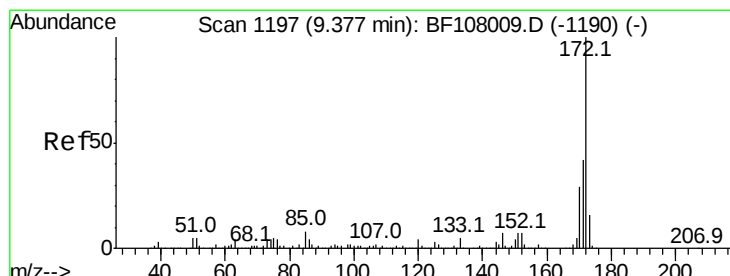
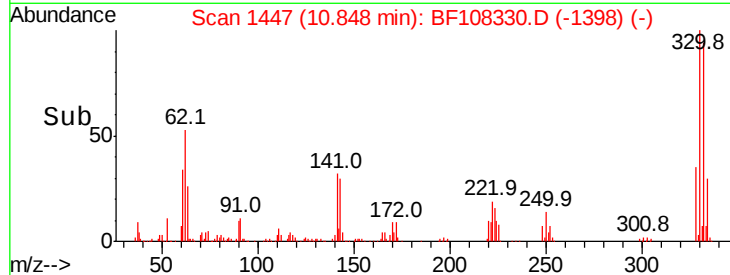
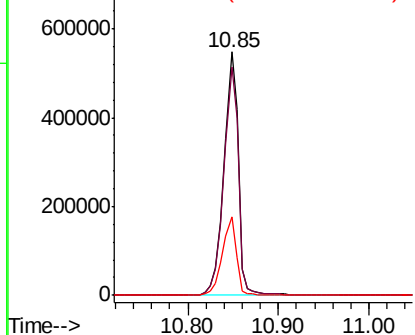
#41
 2,4,6-Tribromophenol
 Concen: 180.307 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108330.D
 Acq: 21 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 ROCK

Tot Ion:330 Resp: 598500
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 31.5 29.9 44.9

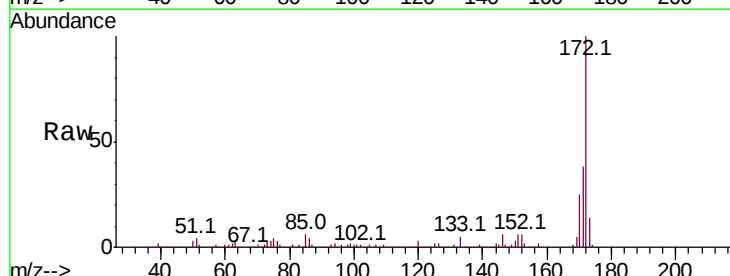


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

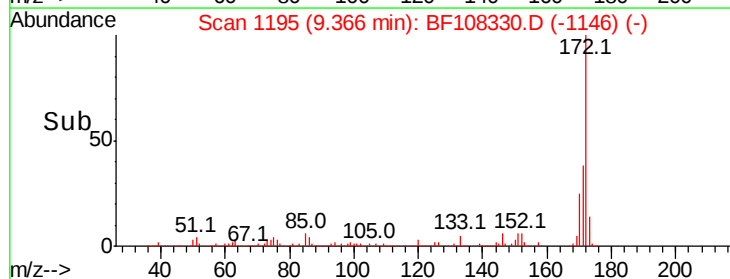
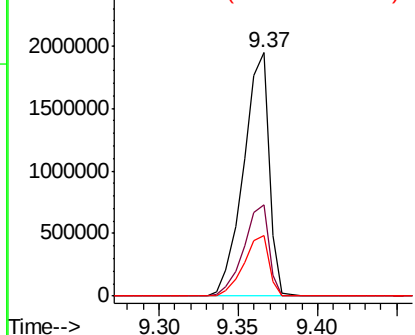


#44
 2-Fluorobiphenyl
 Concen: 104.680 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108330.D
 Acq: 21 Aug 2018 11:17

Tgt Ion:172 Resp: 2169773
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.7 44.5
 170 25.1 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

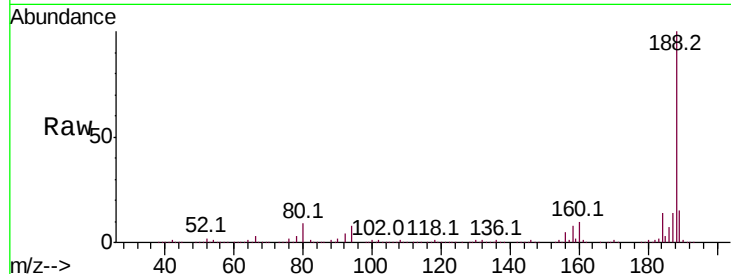




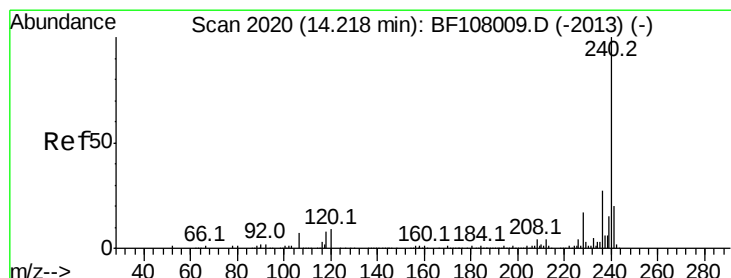
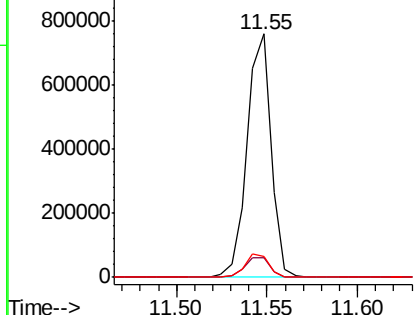
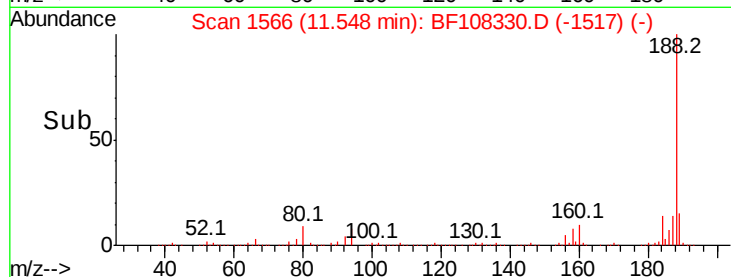
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF108330.D
Acq: 21 Aug 2018 11:17

Instrument :
BNA_F
ClientSampleId :
ROCK

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.7	9.2	13.8#

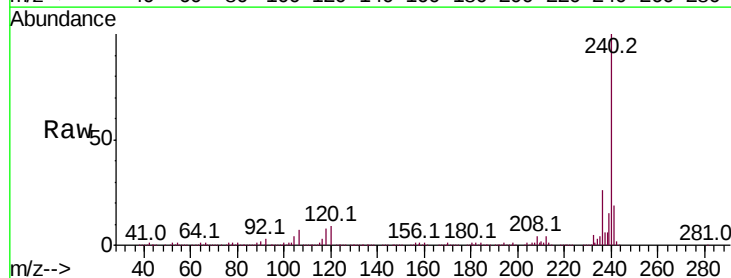


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

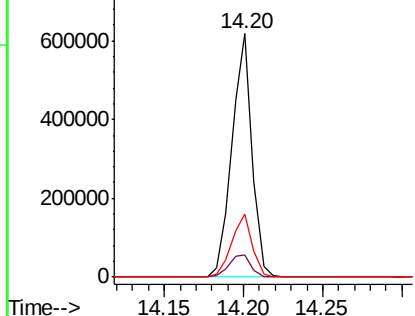
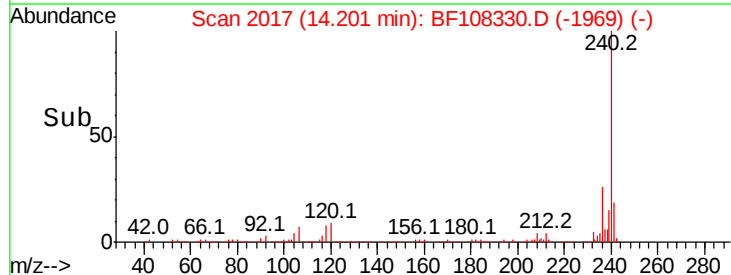


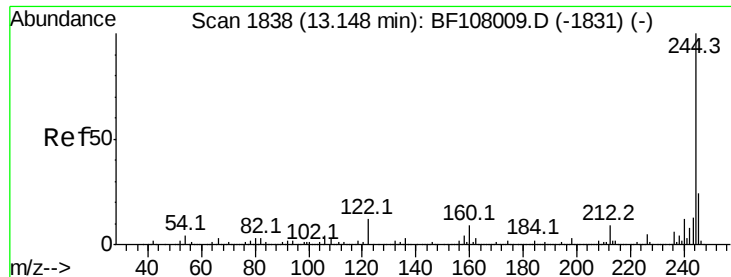
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF108330.D
Acq: 21 Aug 2018 11:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	26.1	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

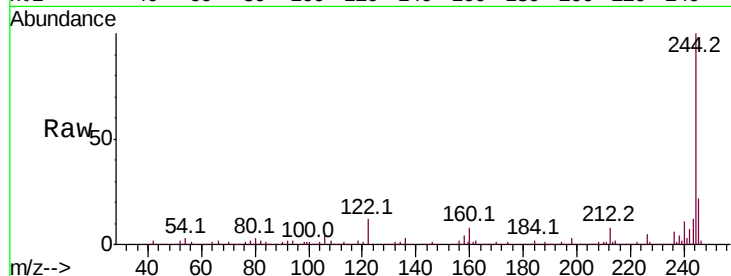




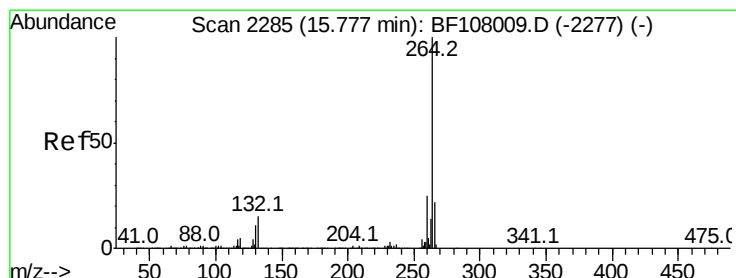
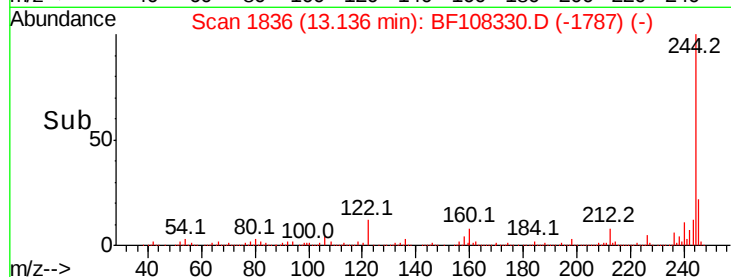
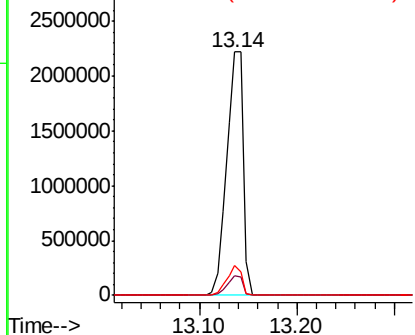
#78
 Terphenyl-d14
 Concen: 122.538 ng
 RT: 13.14 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF108330.D
 Acq: 21 Aug 2018 11:17

Instrument :
 BNA_F
 ClientSampleId :
 ROCK

Tot Ion:244 Resp: 2602263
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.0#
 122 12.4 11.0 16.4

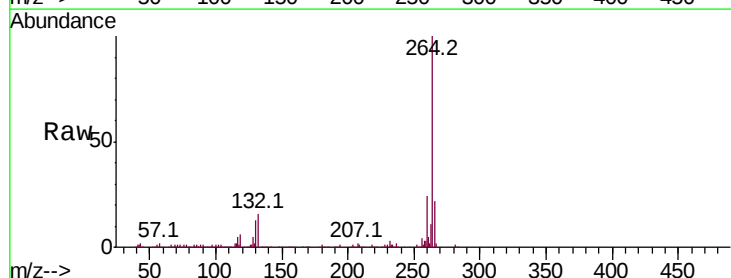


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF108330.D
 Acq: 21 Aug 2018 11:17

Tgt Ion:264 Resp: 371271
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 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

