

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108283.D
 Acq On : 20 Aug 2018 12:11
 Operator : JU/SJ
 Sample : PB112066BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112066BL

Quant Time: Aug 20 13:21:11 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	199704	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	760950	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	397139	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	819457	20.00	ng	0.00
75) Chrysene-d12	14.21	240	718717	20.00	ng	0.00
86) Perylene-d12	15.78	264	582669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1215227	110.17	ng	0.02
7) Phenol-d6	6.64	99	1603506	109.39	ng	0.01
23) Nitrobenzene-d5	7.58	82	1061370	77.83	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	506173	127.78	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2029924	82.06	ng	0.00
78) Terphenyl-d14	13.15	244	2372875	83.94	ng	0.00

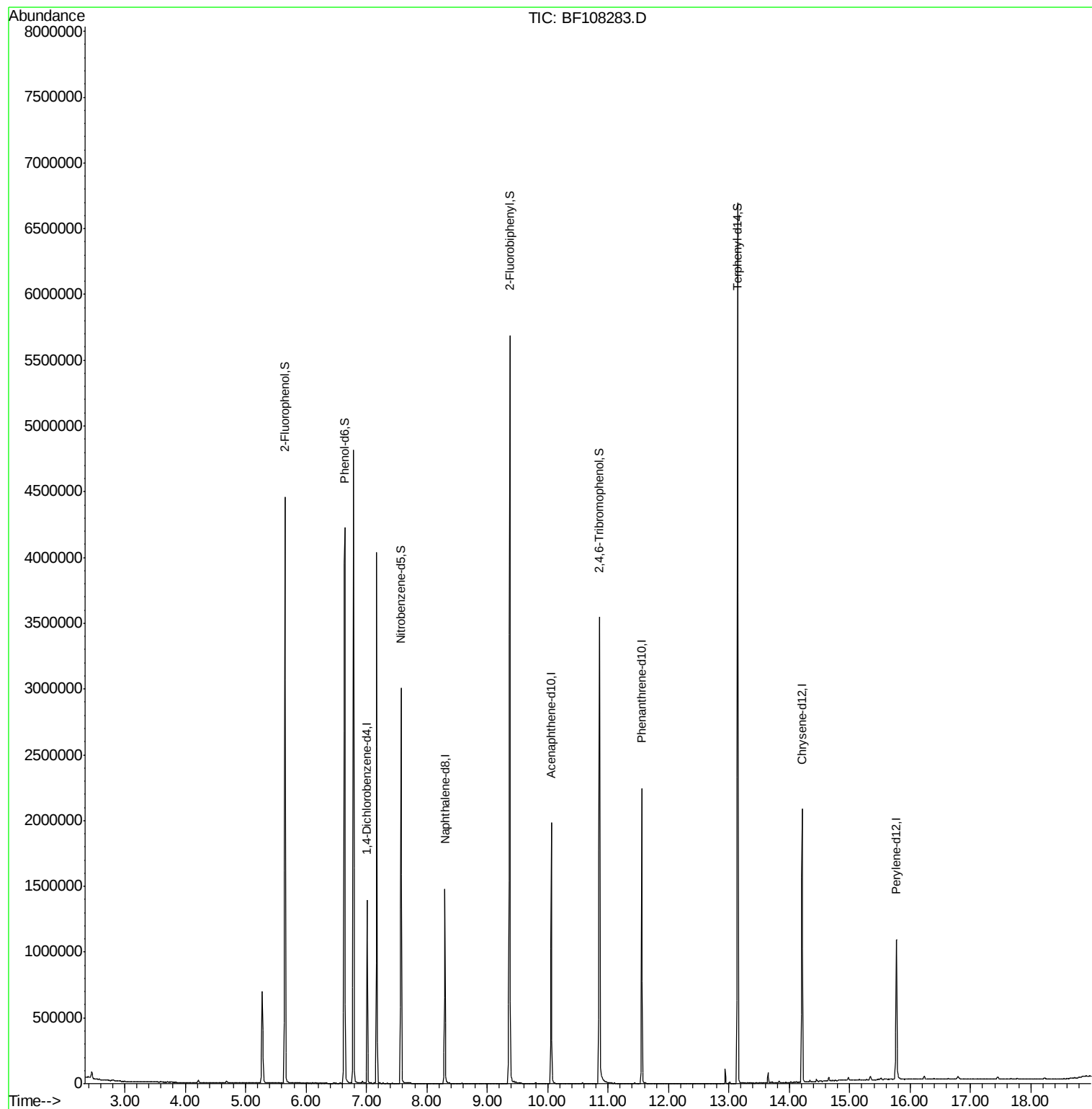
Target Compounds Qvalue

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

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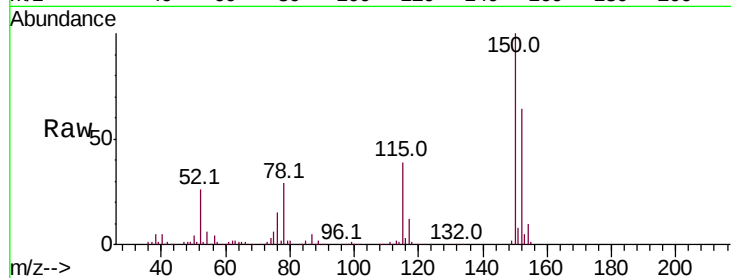


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108283.D
Acq: 20 Aug 2018 12:11

Instrument :
BNA_F
ClientSampleId :
PB112066BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	61.1	50.1	75.1

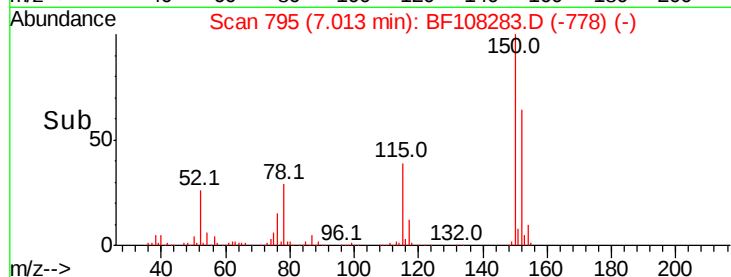
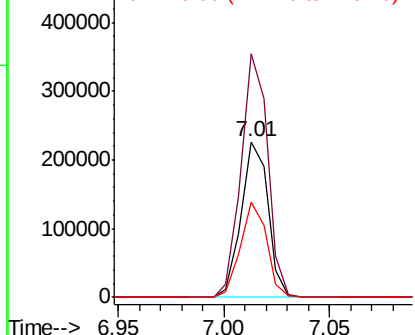


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

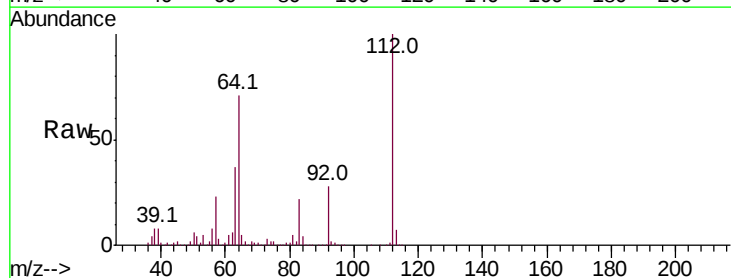
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.169 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108283.D
Acq: 20 Aug 2018 12:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.7	47.9	71.9
63	37.2	23.7	35.5

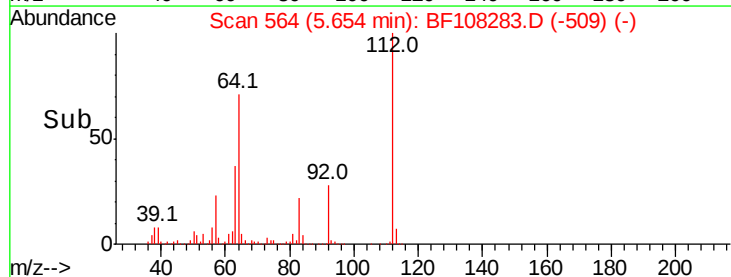
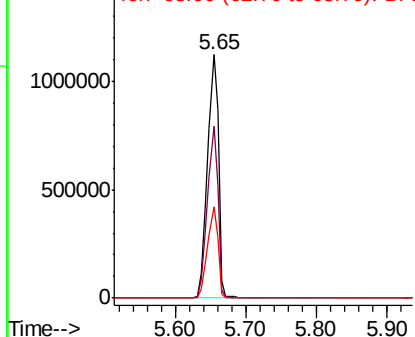


Abundance

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: 109.393 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108283.D

Acq: 20 Aug 2018 12:11

Instrument :

BNA_F

ClientSampleId :

PB112066BL

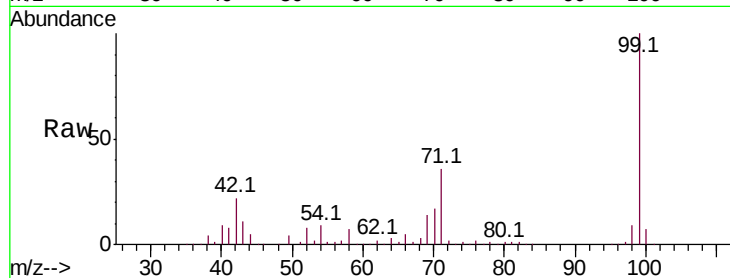
Tot Ion: 99 Resp: 1603506

Ion Ratio Lower Upper

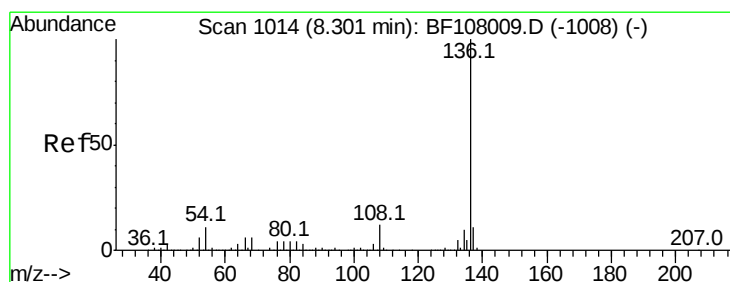
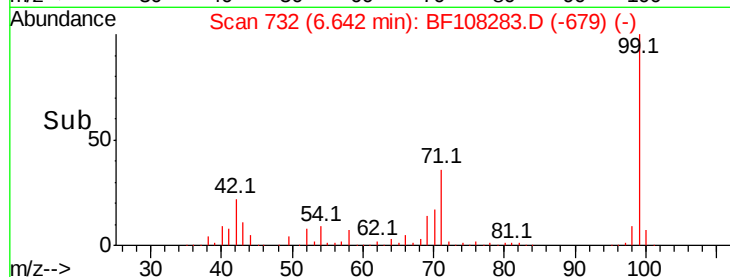
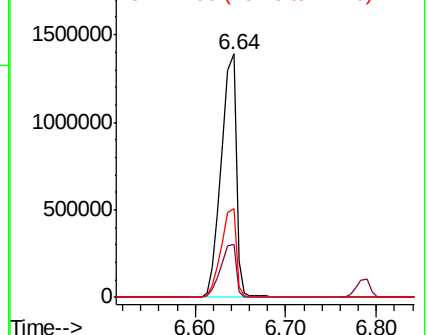
99 100

42 21.6 14.5 21.7

71 36.3 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: BF108283.D

Acq: 20 Aug 2018 12:11

Tgt Ion:136 Resp: 760950

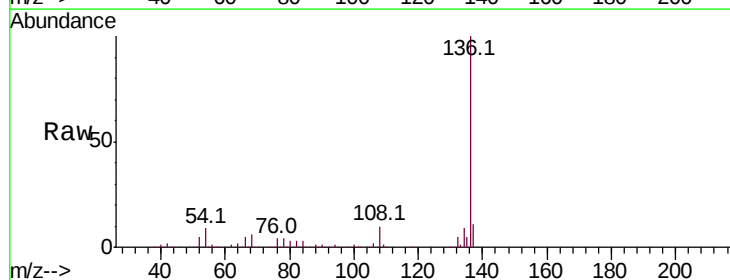
Ion Ratio Lower Upper

136 100

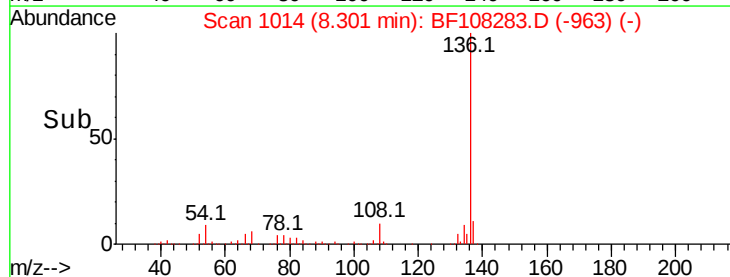
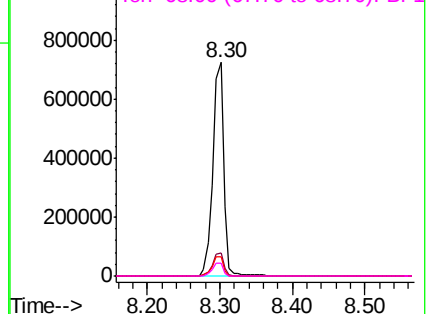
137 10.6 8.9 13.3

54 8.9 6.6 9.8

68 5.7 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

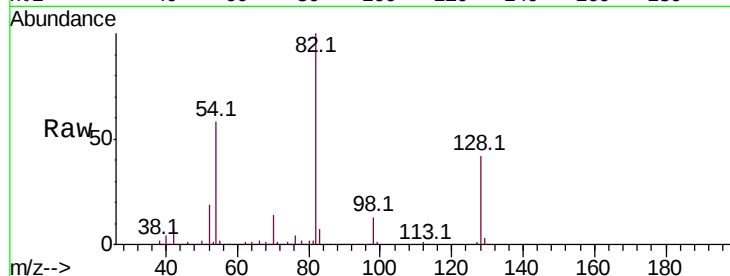




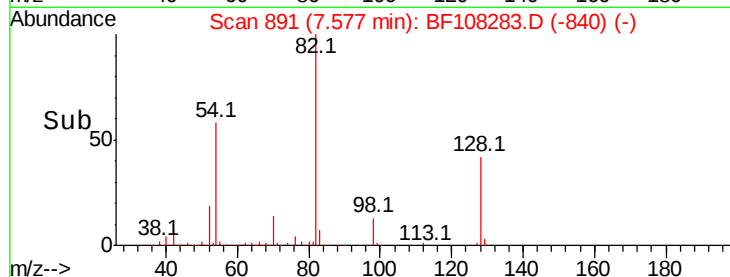
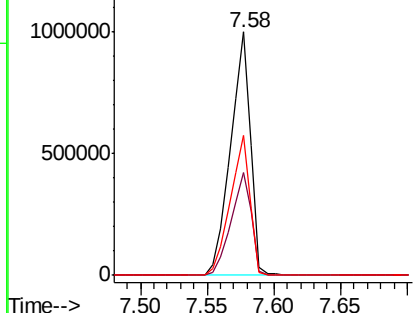
#23
 Nitrobenzene-d5
 Concen: 77.832 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB112066BL

Tot Ion: 82 Resp: 1061370
 Ion Ratio Lower Upper
 82 100
 128 42.4 36.1 54.1
 54 57.7 41.4 62.2

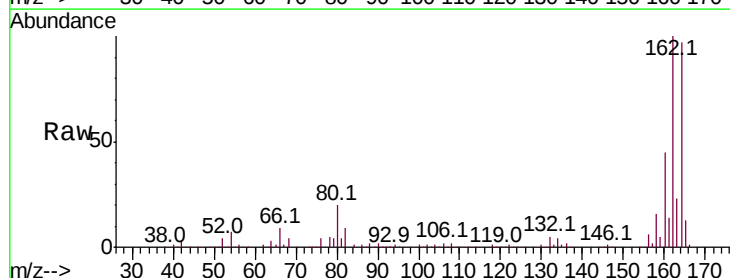


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

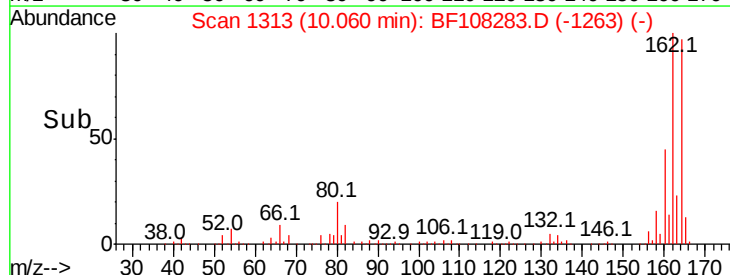
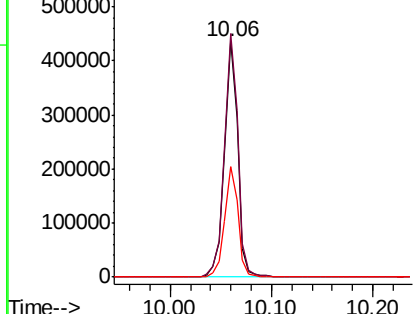


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

Tgt Ion:164 Resp: 397139
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 46.7 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

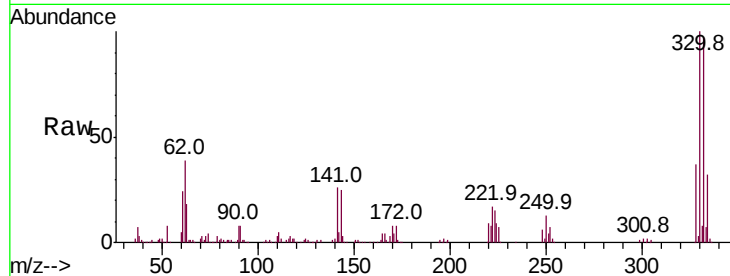




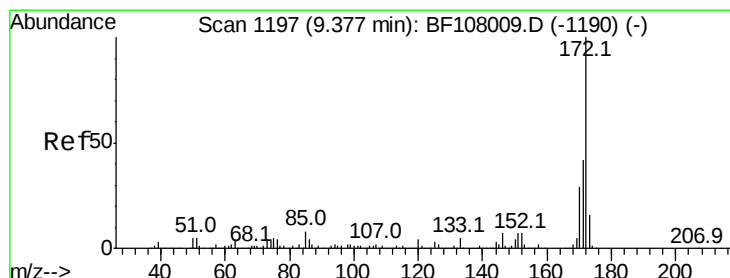
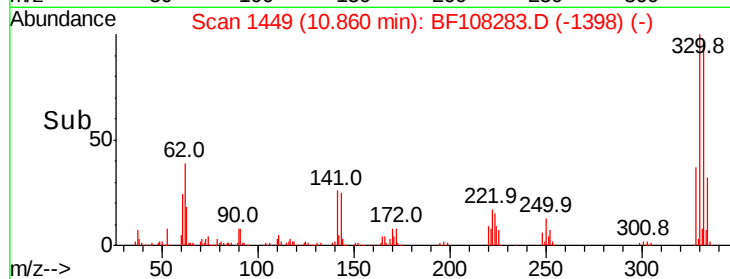
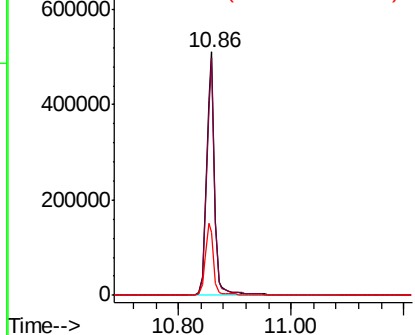
#41
 2,4,6-Tribromophenol
 Concen: 127.778 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB112066BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	31.0	29.9	44.9

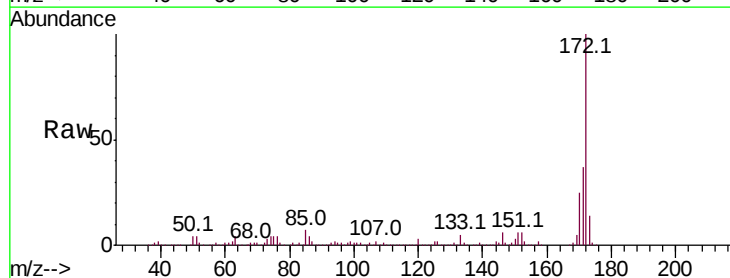


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

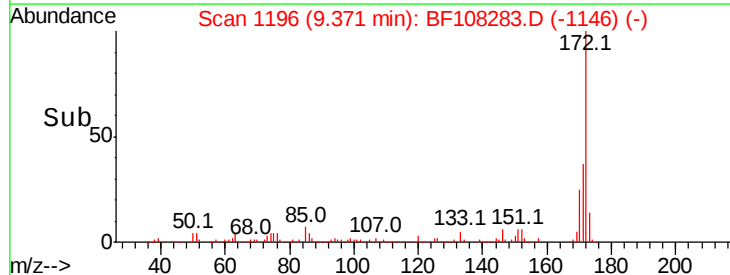
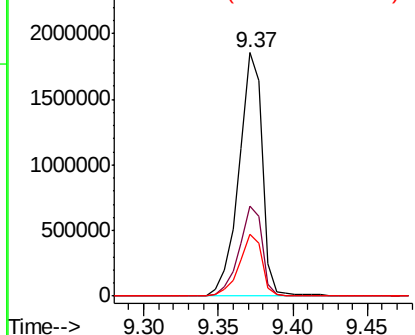


#44
 2-Fluorobiphenyl
 Concen: 82.061 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108283.D
 Acq: 20 Aug 2018 12:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	25.3	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

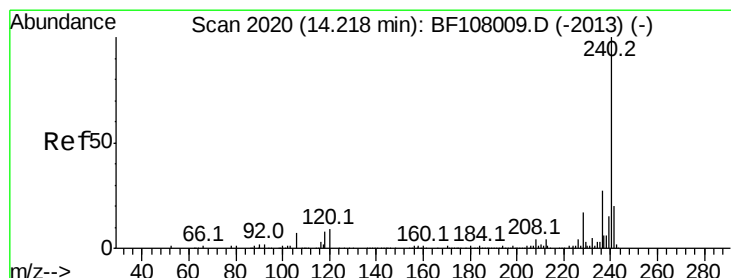
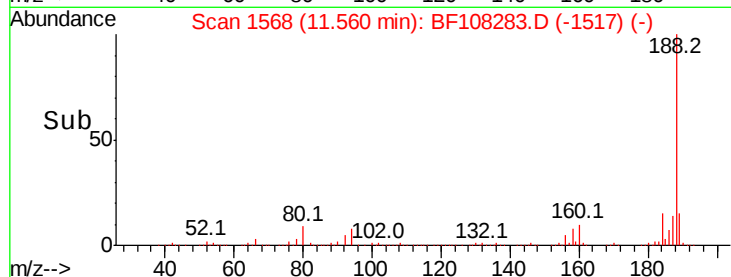
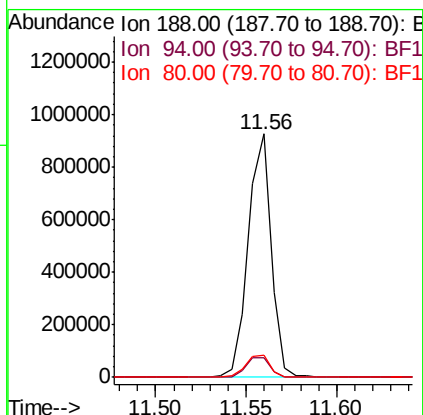
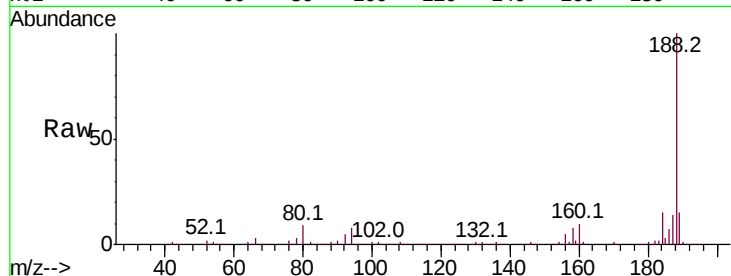




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108283.D
Acq: 20 Aug 2018 12:11

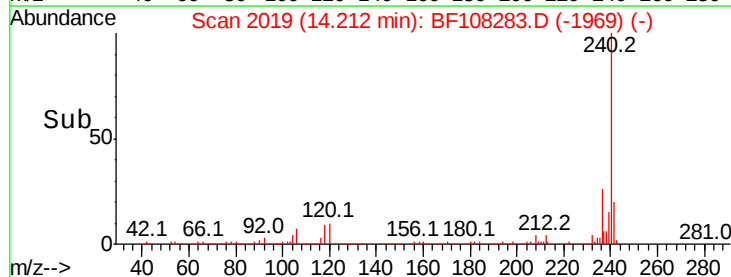
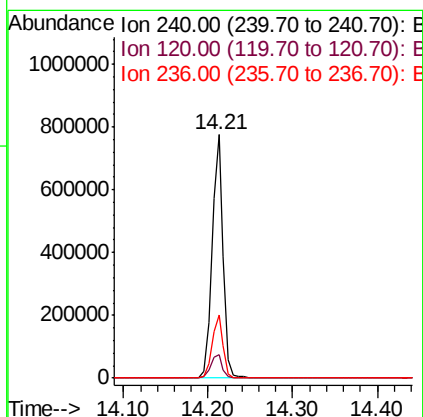
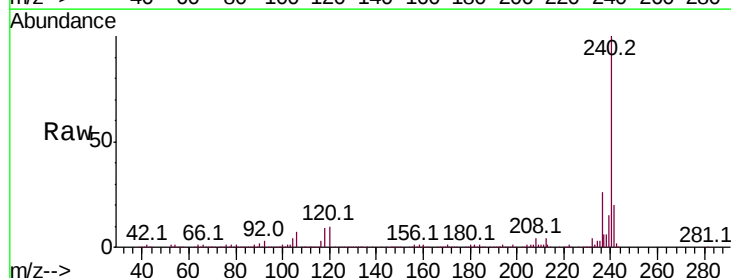
Instrument :
BNA_F
ClientSampleId :
PB112066BL

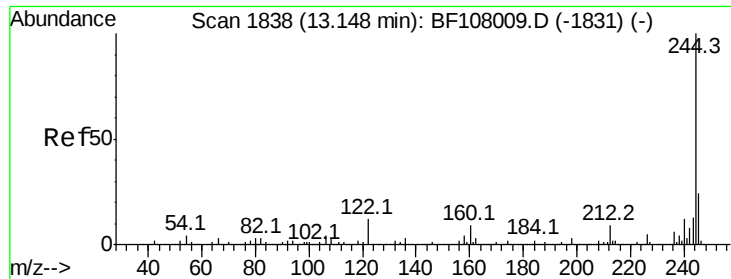
Tot Ion:188 Resp: 819457
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 9.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108283.D
Acq: 20 Aug 2018 12:11

Tgt Ion:240 Resp: 718717
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 83.944 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108283.D

Acq: 20 Aug 2018 12:11

Instrument :

BNA_F

ClientSampleId :

PB112066BL

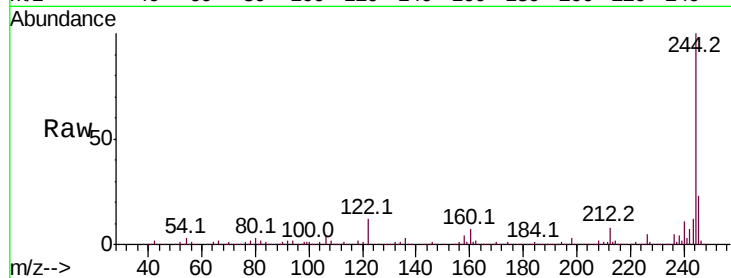
Tot Ion:244 Resp: 2372875

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

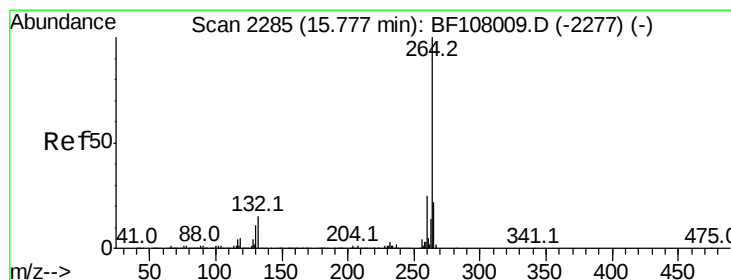
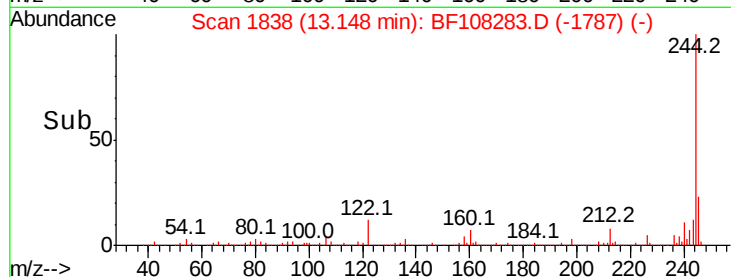
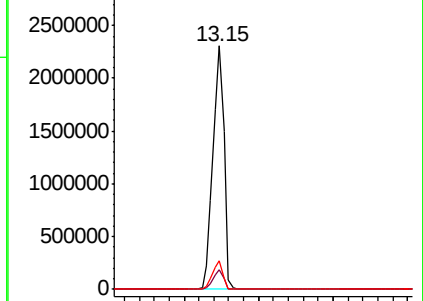
122 11.7 11.0 16.4



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: BF108283.D

Acq: 20 Aug 2018 12:11

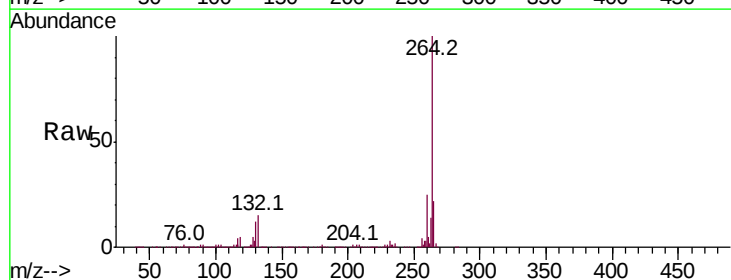
Tgt Ion:264 Resp: 582669

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 22.4 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

