

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108042.D
 Acq On : 9 Aug 2018 10:30
 Operator : JU/SJ
 Sample : PB111850BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BL

Quant Time: Aug 09 16:31:36 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	260877	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	953951	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	494069	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1031489	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1008877	20.00	ng	-0.01
86) Perylene-d12	15.77	264	882169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1844774	128.03	ng	0.01
7) Phenol-d6	6.63	99	2405807	125.64	ng	0.00
23) Nitrobenzene-d5	7.57	82	1630632	95.38	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	702584	142.56	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2864286	93.07	ng	0.00
78) Terphenyl-d14	13.15	244	3454987	87.07	ng	0.00

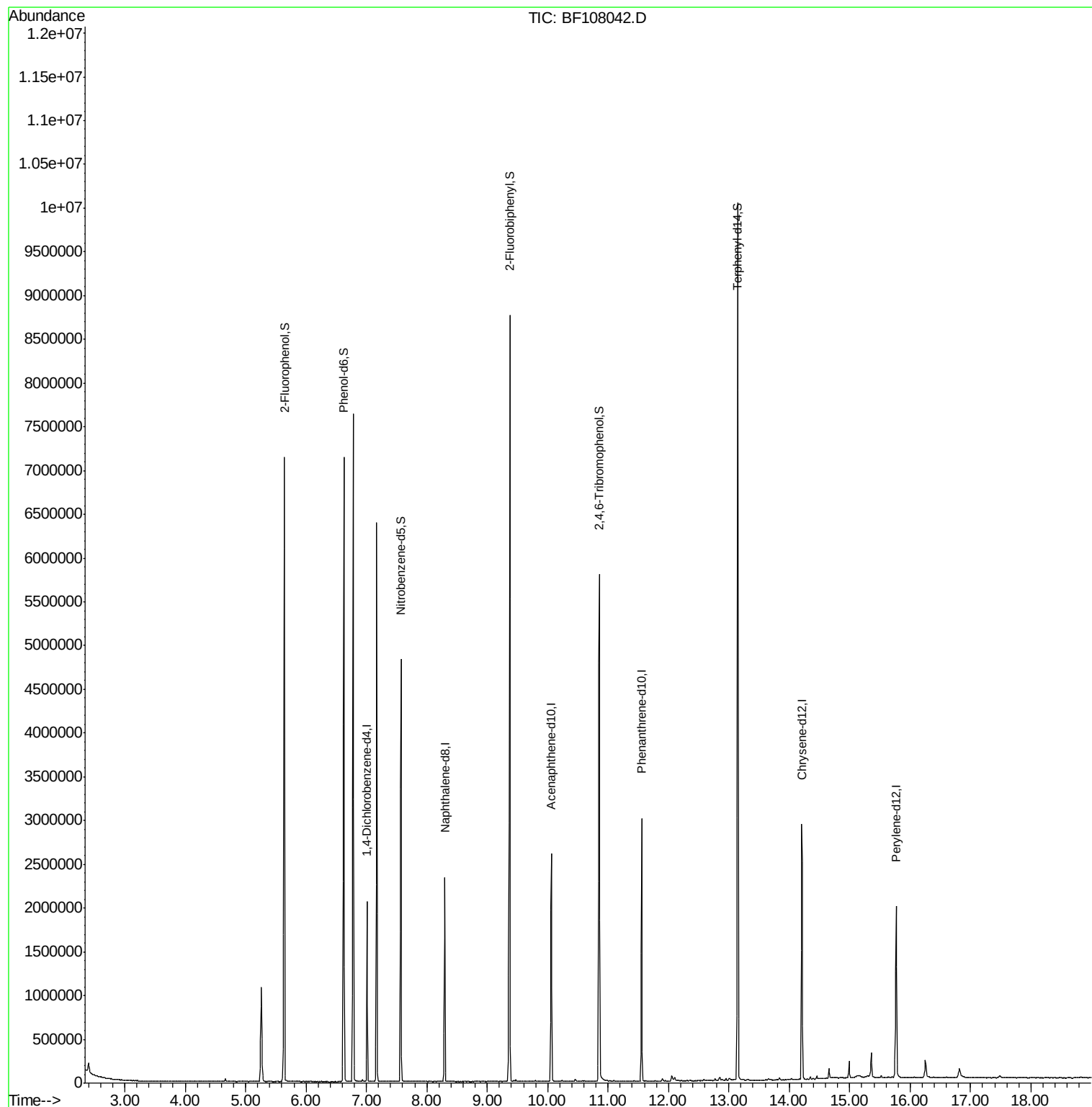
Target Compounds Qvalue

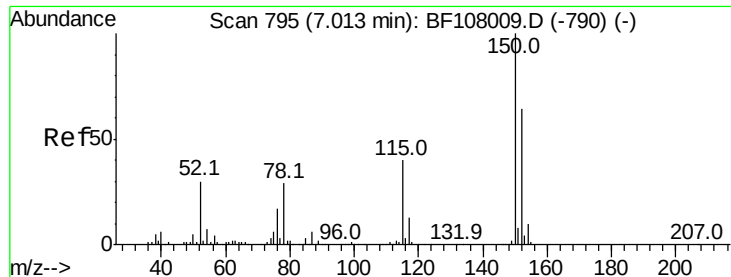
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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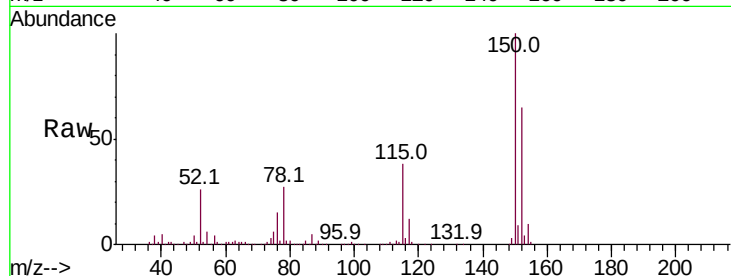


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108042.D
Acq: 9 Aug 2018 10:30

Instrument :
BNA_F
ClientSampleId :
PB111850BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	58.7	50.1	75.1

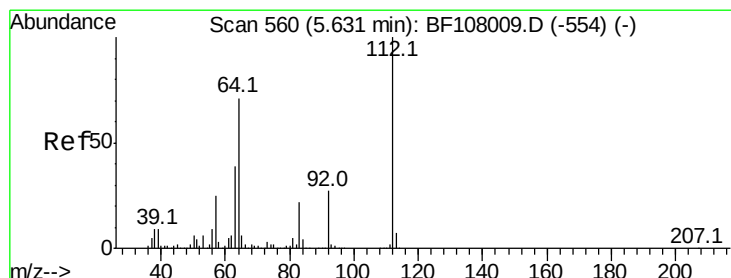
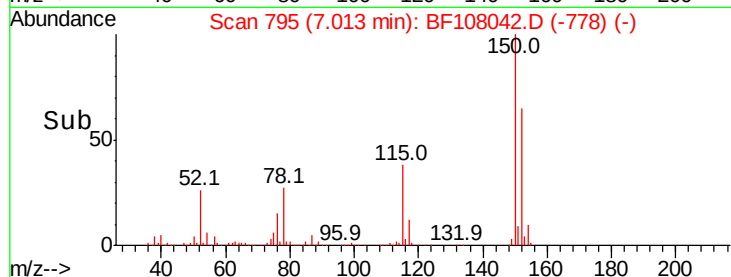
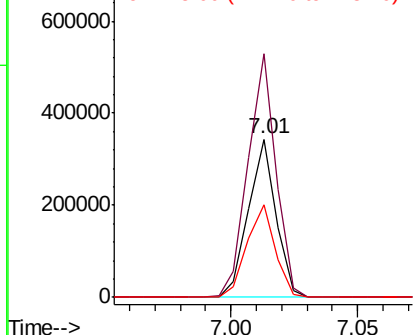


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

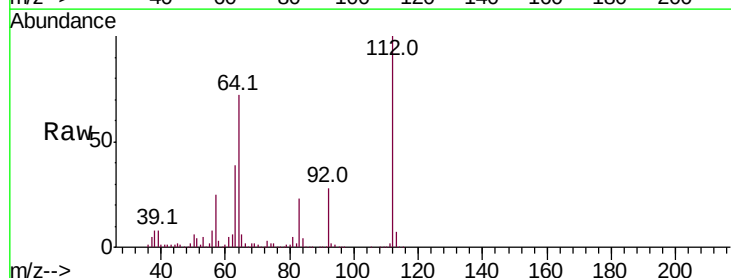
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 128.025 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108042.D
Acq: 9 Aug 2018 10:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	47.9	71.9#
63	38.9	23.7	35.5#

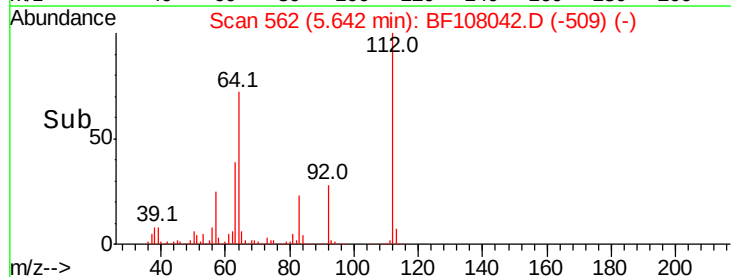
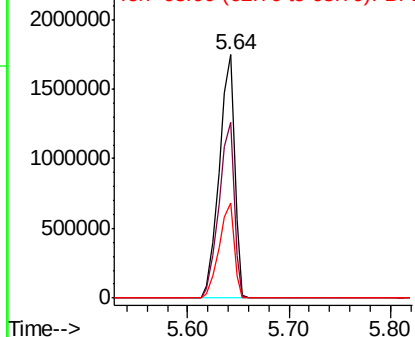


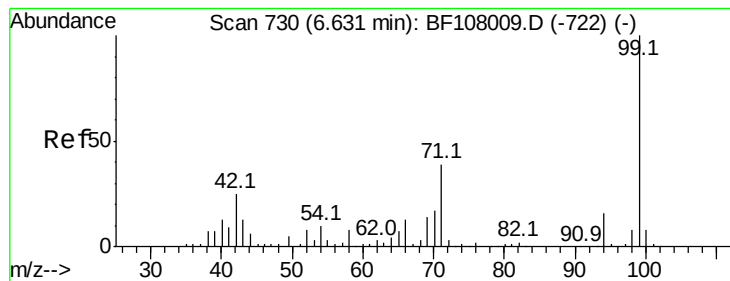
Abundance

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: 125.641 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108042.D

Acq: 9 Aug 2018 10:30

Instrument :

BNA_F

ClientSampleId :

PB111850BL

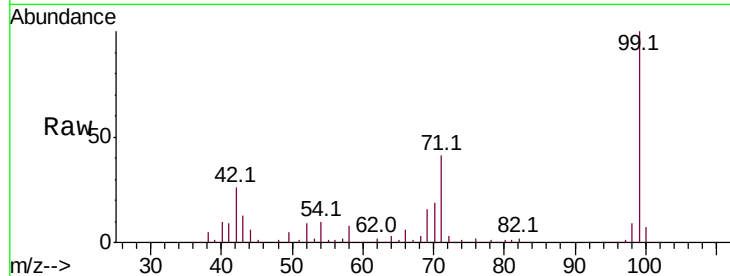
Tot Ion: 99 Resp: 2405807

Ion Ratio Lower Upper

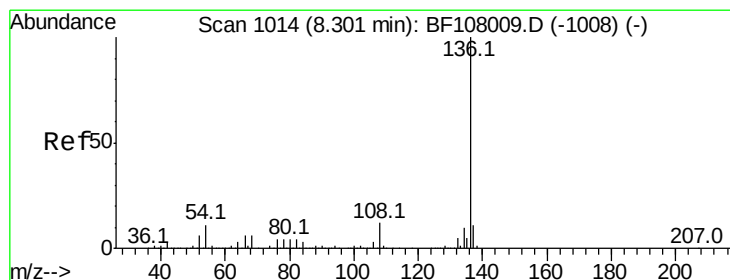
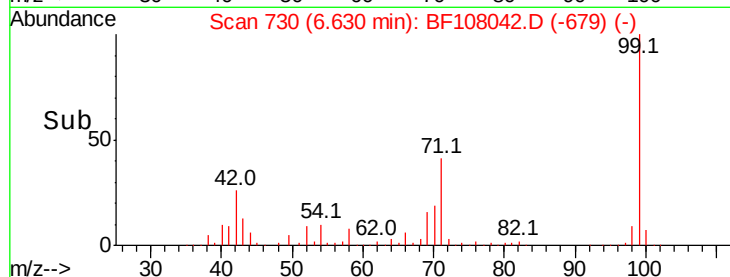
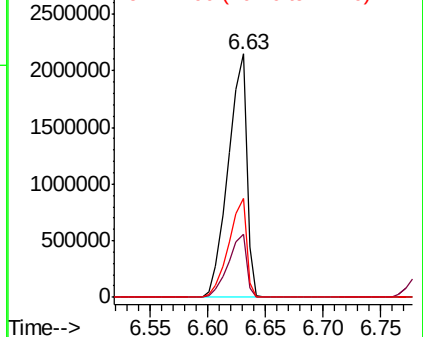
99 100

42 25.9 14.5 21.7#

71 40.6 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: BF108042.D

Acq: 9 Aug 2018 10:30

Tgt Ion: 136 Resp: 953951

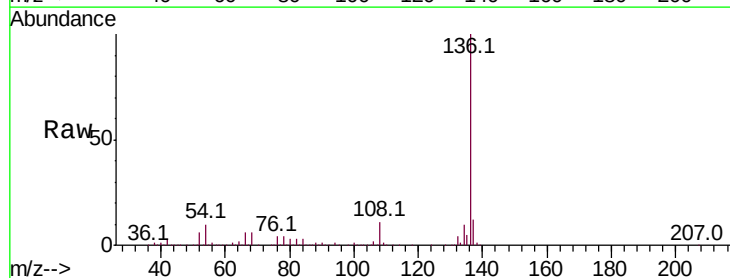
Ion Ratio Lower Upper

136 100

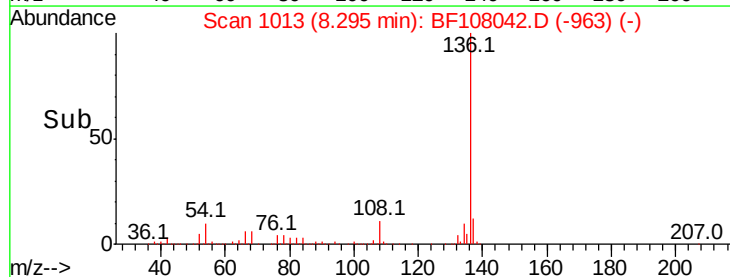
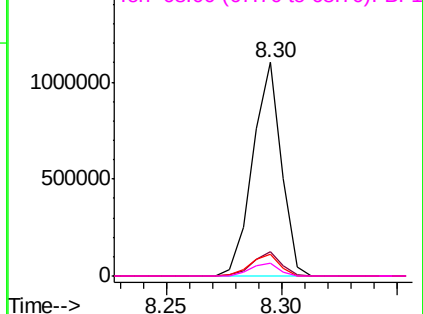
137 11.5 8.9 13.3

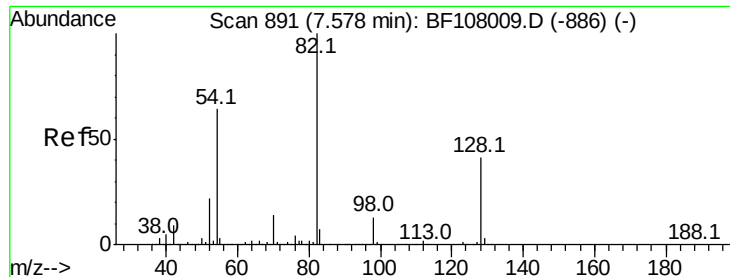
54 10.2 6.6 9.8#

68 6.2 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

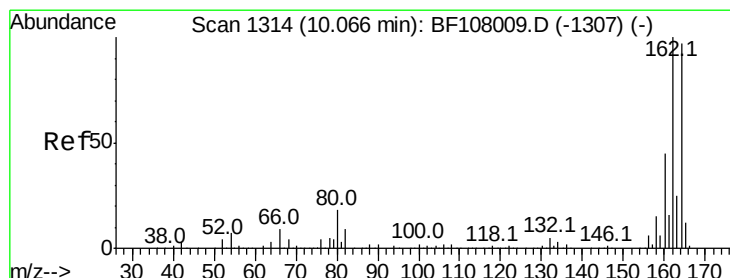
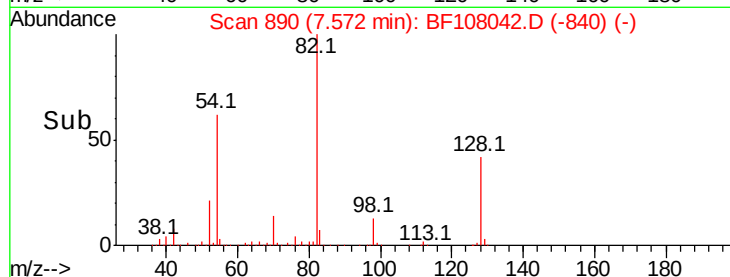
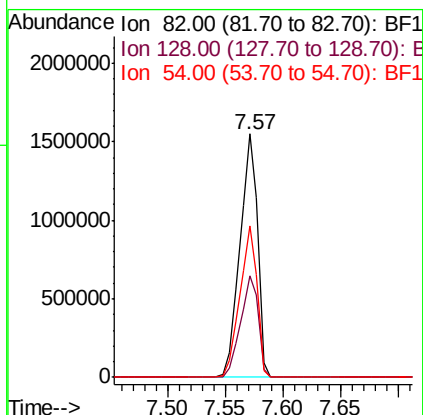
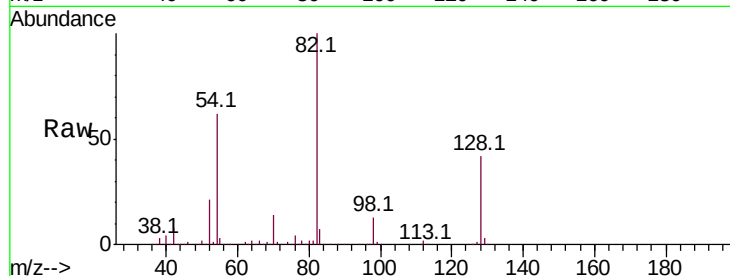




#23
 Nitrobenzene-d5
 Concen: 95.384 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF108042.D
 Acq: 9 Aug 2018 10:30

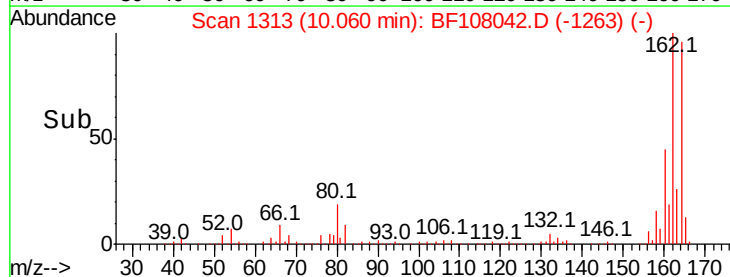
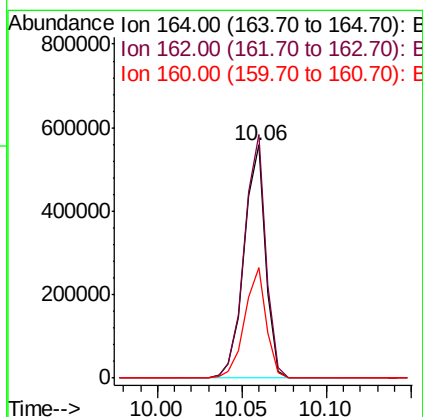
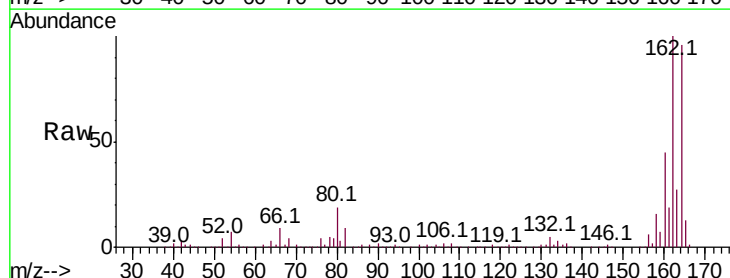
Instrument :
 BNA_F
 ClientSampleId :
 PB111850BL

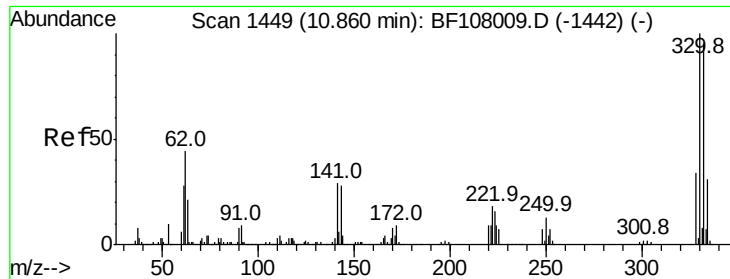
Tot Ion: 82 Resp: 1630632
 Ion Ratio Lower Upper
 82 100
 128 41.7 36.1 54.1
 54 62.4 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108042.D
 Acq: 9 Aug 2018 10:30

Tgt Ion:164 Resp: 494069
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 47.4 38.3 57.5

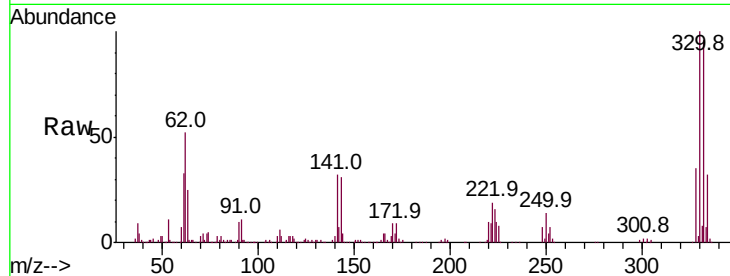




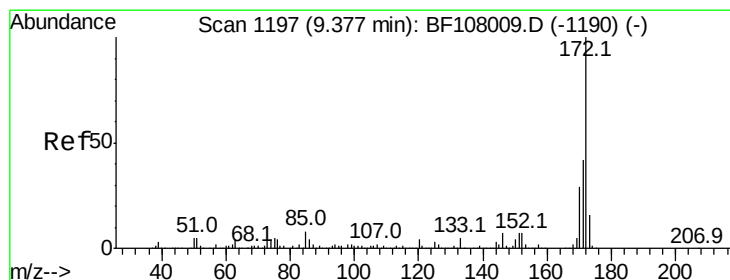
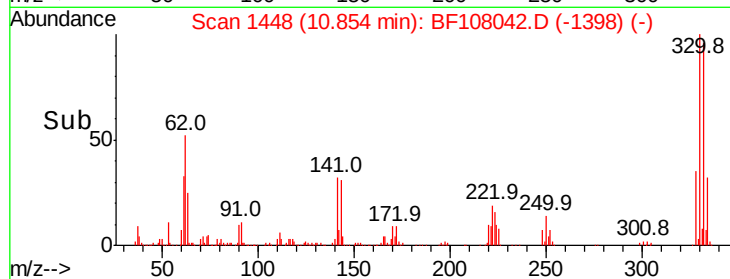
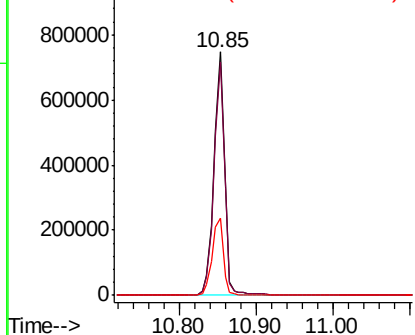
#41
 2,4,6-Tribromophenol
 Concen: 142.564 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108042.D
 Acq: 9 Aug 2018 10:30

Instrument :
 BNA_F
 ClientSampleId :
 PB111850BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	33.7	29.9	44.9

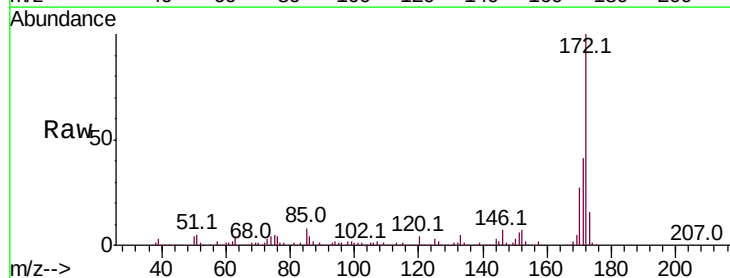


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

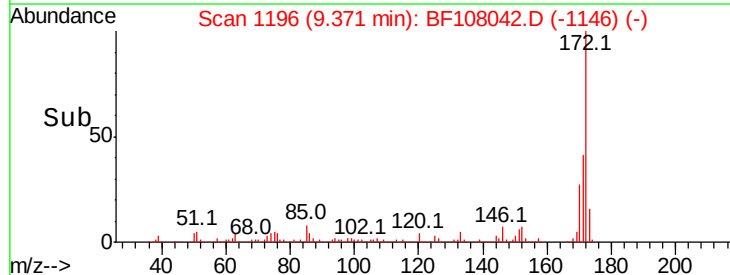
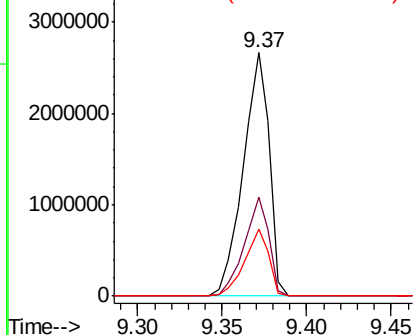


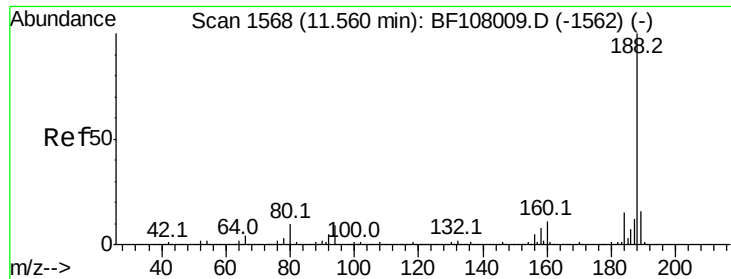
#44
 2-Fluorobiphenyl
 Concen: 93.075 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108042.D
 Acq: 9 Aug 2018 10:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.8	29.7	44.5
170	27.4	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

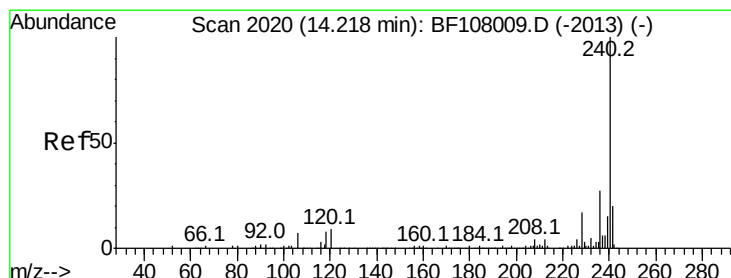
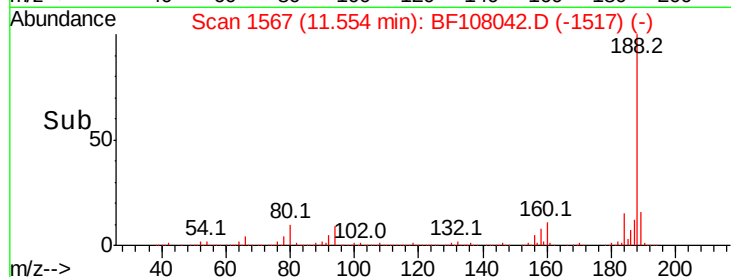
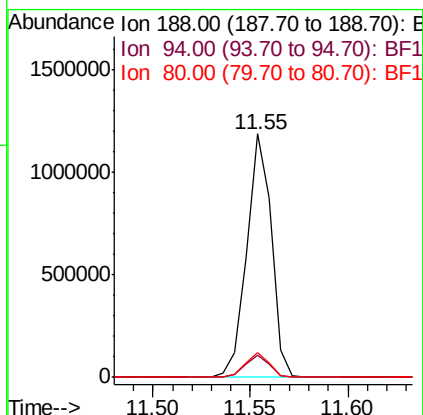
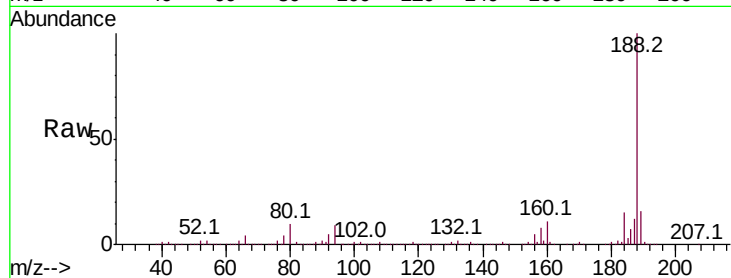




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108042.D
Acq: 9 Aug 2018 10:30

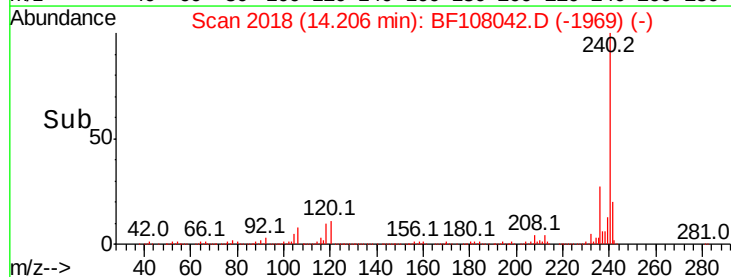
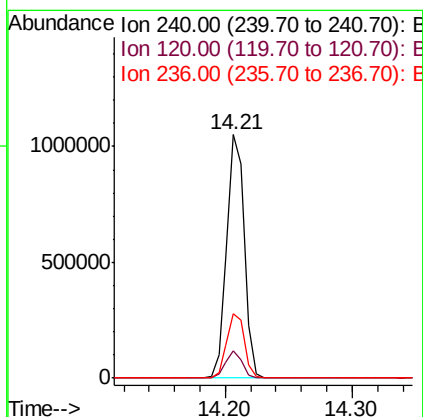
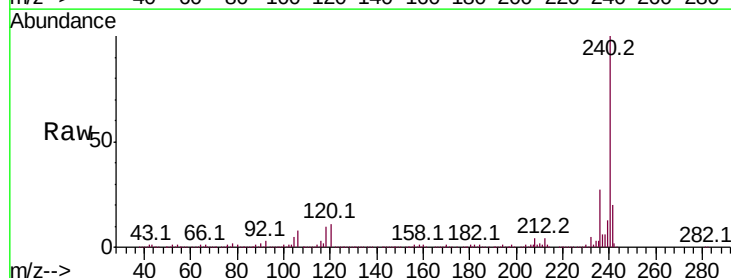
Instrument :
BNA_F
ClientSampleId :
PB111850BL

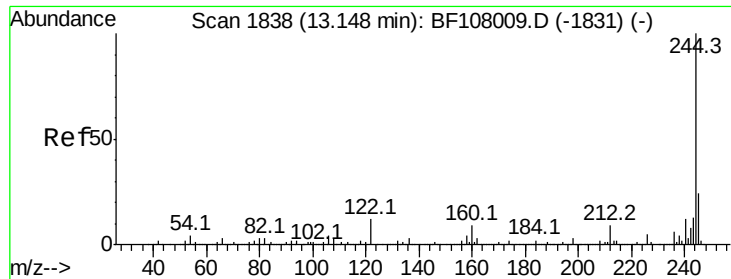
Tot Ion:188 Resp: 1031489
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108042.D
Acq: 9 Aug 2018 10:30

Tgt Ion:240 Resp: 1008877
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 87.072 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108042.D

Acq: 9 Aug 2018 10:30

Instrument :

BNA_F

ClientSampleId :

PB111850BL

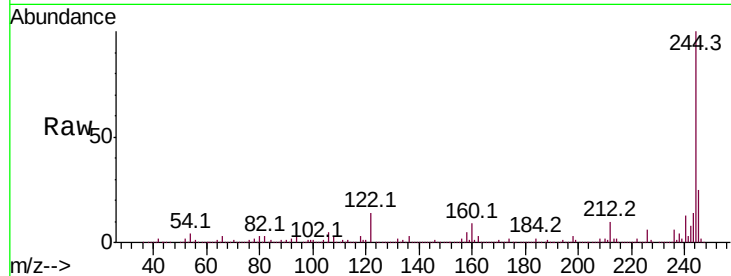
Tot Ion:244 Resp: 3454987

Ion Ratio Lower Upper

244 100

212 9.5 5.4 8.0#

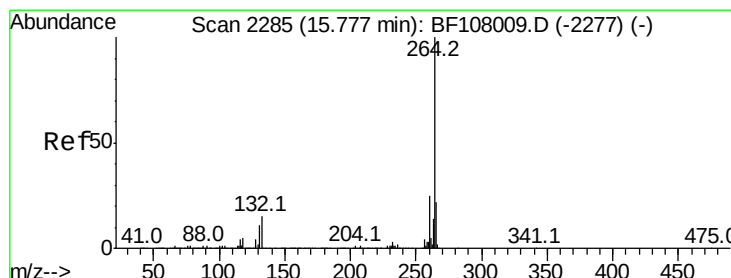
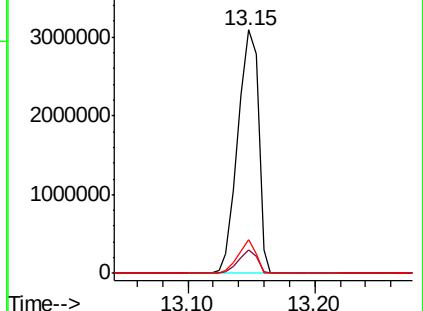
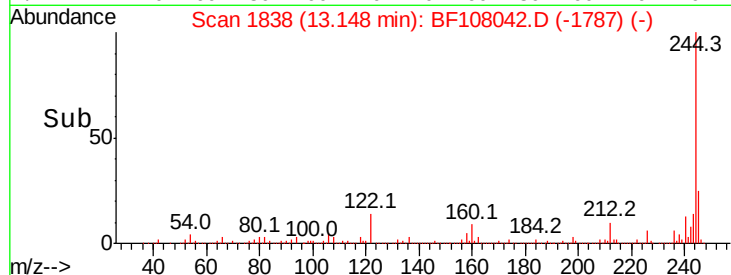
122 13.7 11.0 16.4



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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108042.D

Acq: 9 Aug 2018 10:30

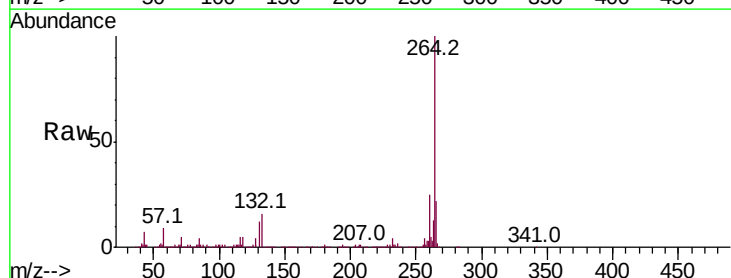
Tgt Ion:264 Resp: 882169

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 21.5 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

