

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108193.D
 Acq On : 16 Aug 2018 14:23
 Operator : JU/SJ
 Sample : PB112104BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BL

Quant Time: Aug 16 16:17:47 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	194535	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	740509	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	388400	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	797038	20.00	ng	0.00
75) Chrysene-d12	14.21	240	731322	20.00	ng	-0.01
86) Perylene-d12	15.77	264	699278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1328651	123.65	ng	0.02
7) Phenol-d6	6.64	99	1760402	123.29	ng	0.00
23) Nitrobenzene-d5	7.58	82	1195689	90.10	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	561152	144.84	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2211985	91.43	ng	0.00
78) Terphenyl-d14	13.15	244	2539172	88.28	ng	0.00

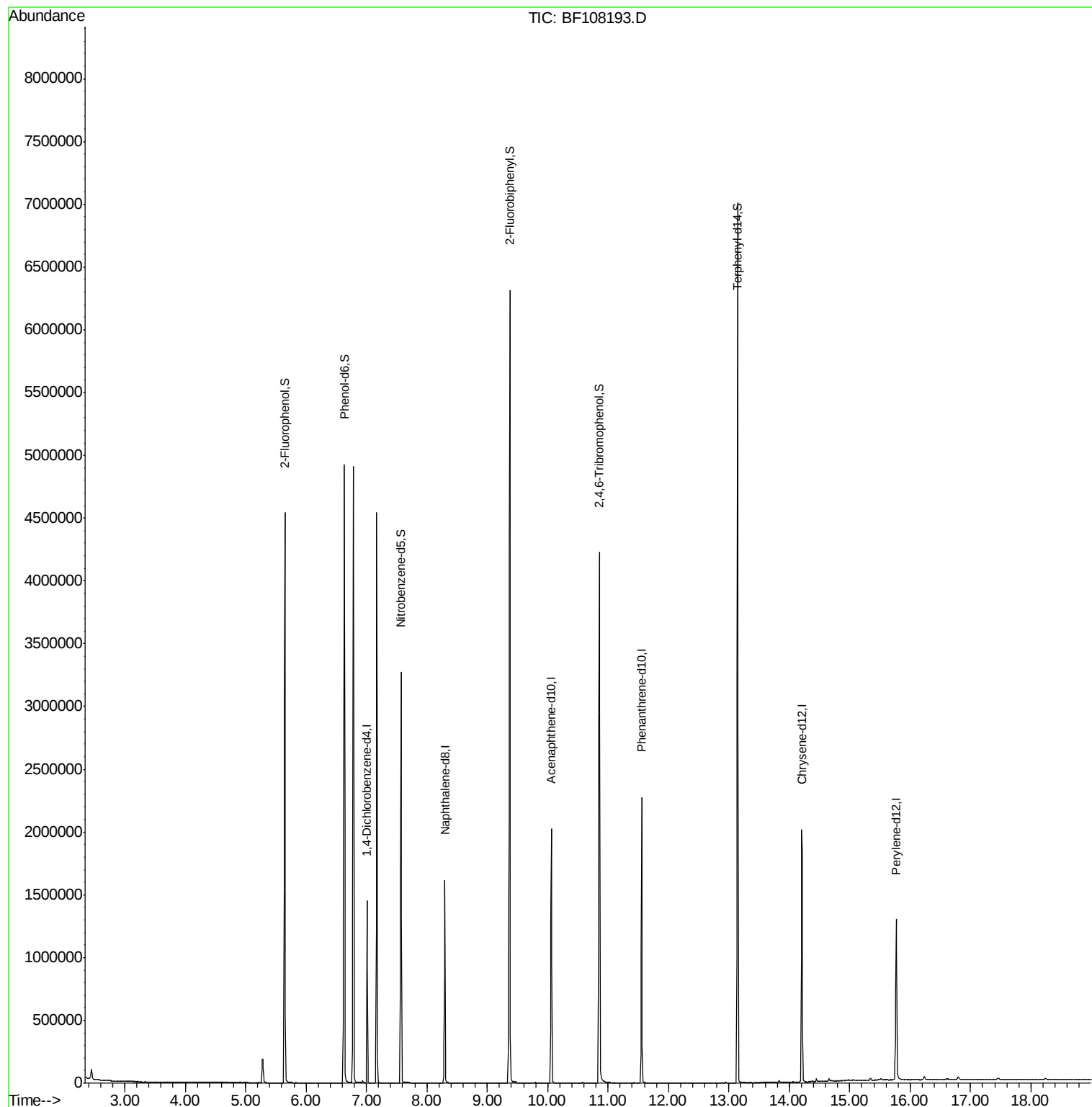
Target Compounds Qvalue

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

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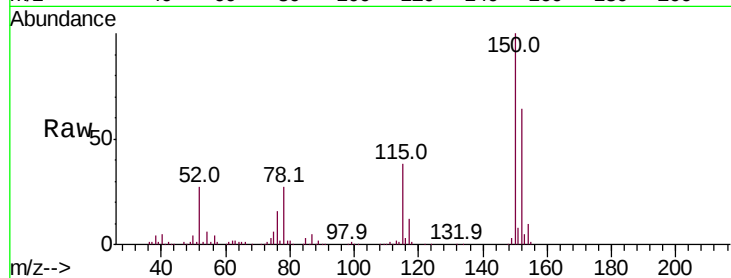


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108193.D
Acq: 16 Aug 2018 14:23

Instrument :
BNA_F
ClientSampleId :
PB112104BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	59.9	50.1	75.1

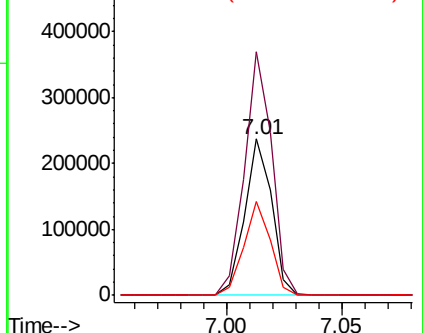
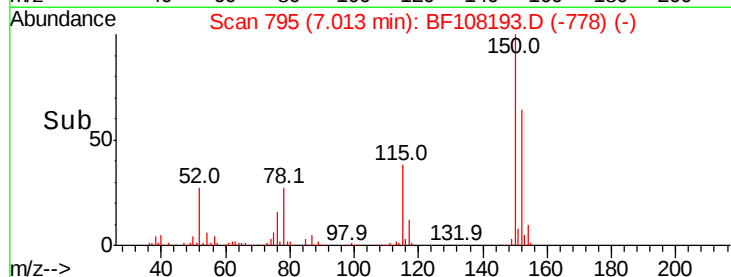


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

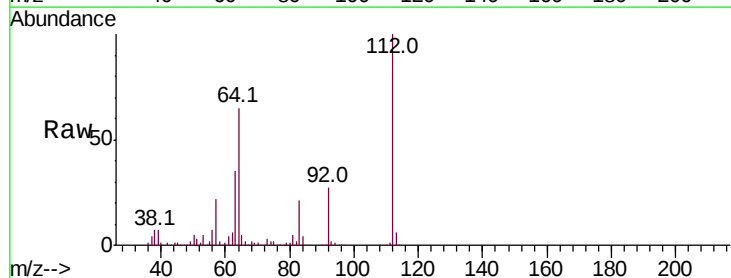
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.652 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108193.D
Acq: 16 Aug 2018 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	34.8	23.7	35.5

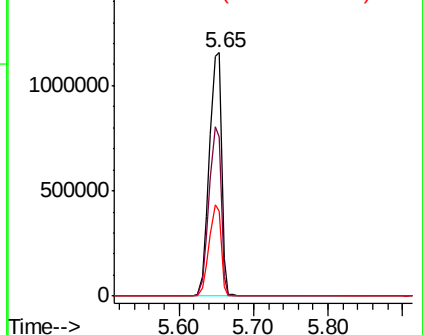
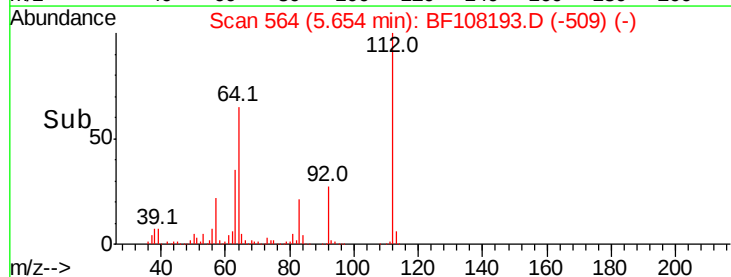


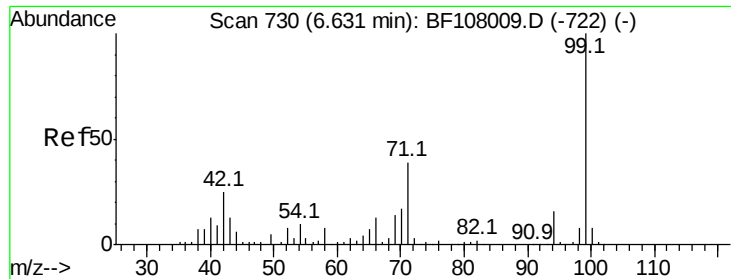
Abundance

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: 123.288 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108193.D

Acq: 16 Aug 2018 14:23

Instrument :

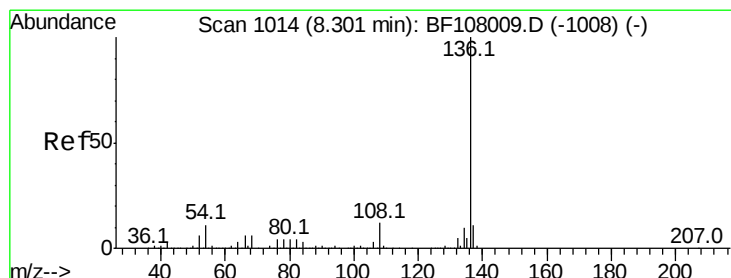
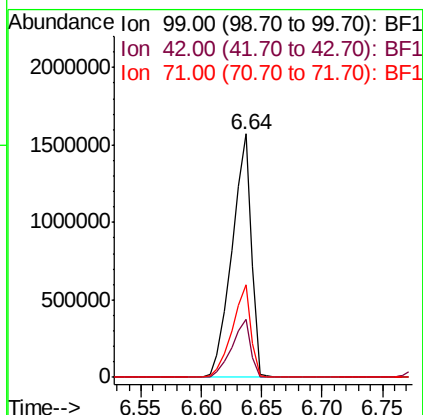
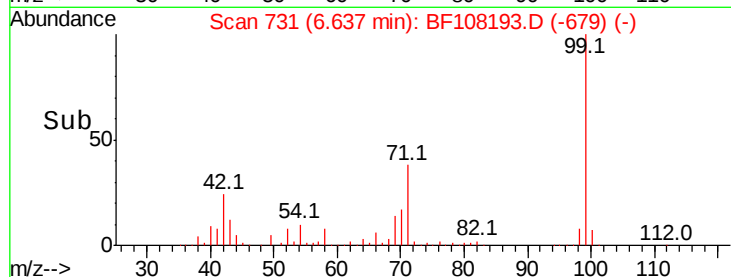
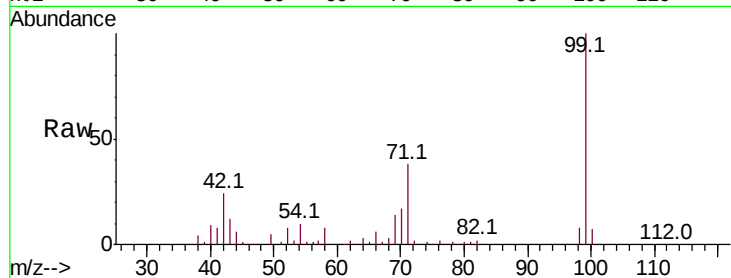
BNA_F

ClientSampleId :

PB112104BL

Tot Ion: 99 Resp: 1760402

Ion	Ratio	Lower	Upper
99	100		
42	24.0	14.5	21.7#
71	37.8	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1013

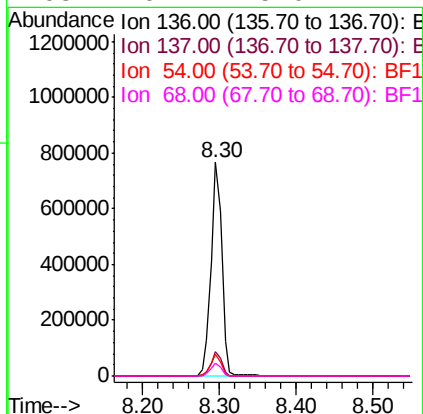
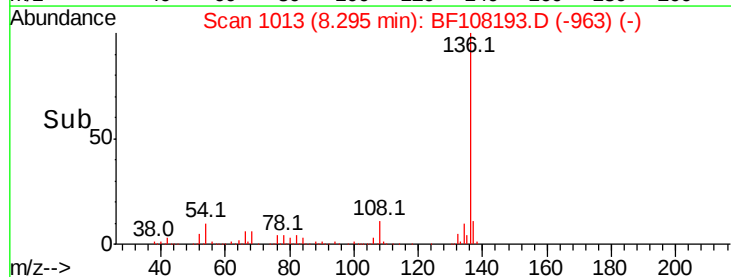
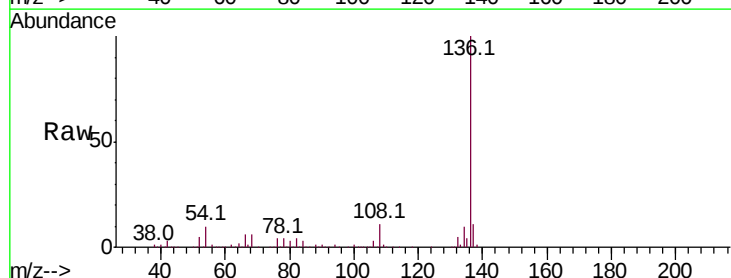
Delta R.T. -0.01 min

Lab File: BF108193.D

Acq: 16 Aug 2018 14:23

Tgt Ion: 136 Resp: 740509

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.4	6.6	9.8#
68	6.2	5.0	7.4



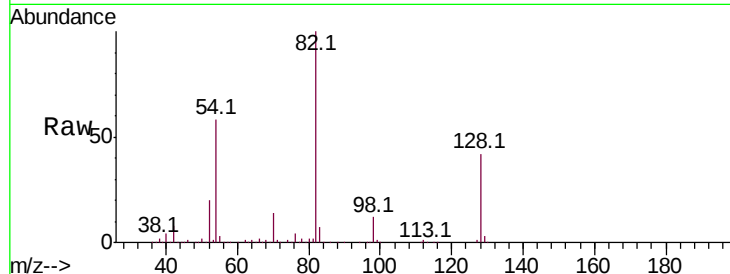


#23
 Nitrobenzene-d5
 Concen: 90.102 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108193.D
 Acq: 16 Aug 2018 14:23

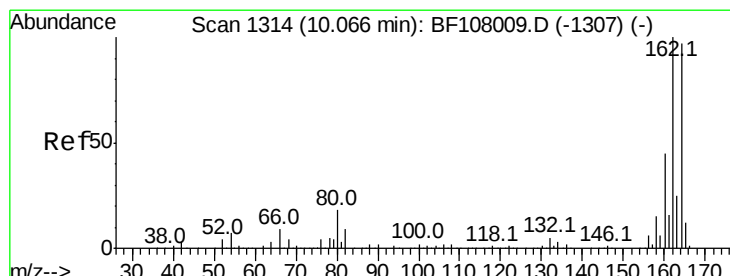
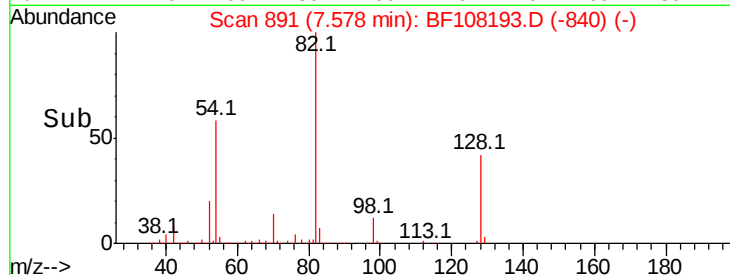
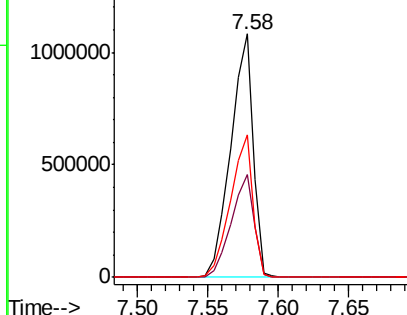
Instrument :
 BNA_F
 ClientSampleId :
 PB112104BL

Tot Ion: 82 Resp: 1195689

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	58.4	41.4	62.2



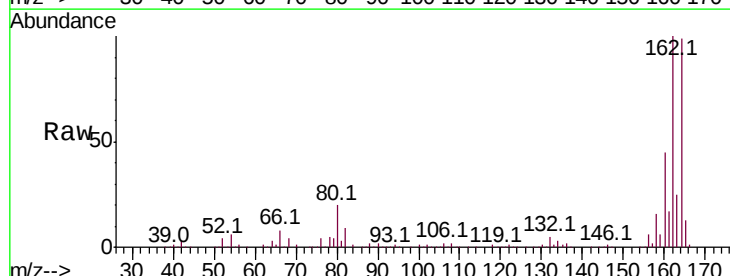
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



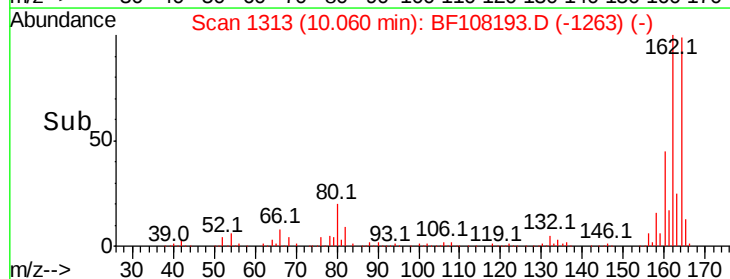
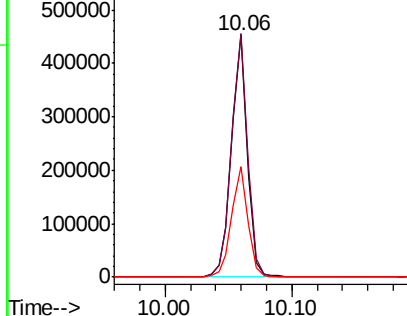
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108193.D
 Acq: 16 Aug 2018 14:23

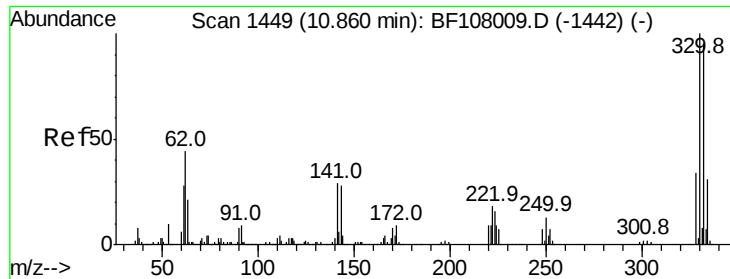
Tgt Ion: 164 Resp: 388400

Ion	Ratio	Lower	Upper
164	100		
162	100.6	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

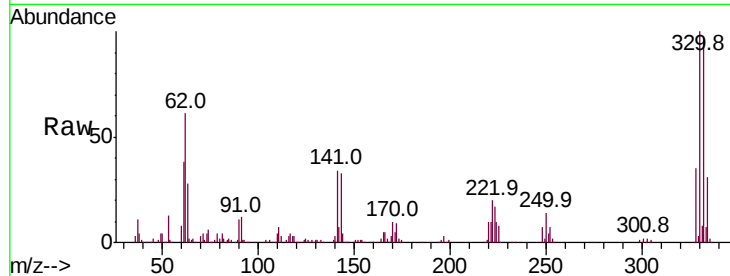




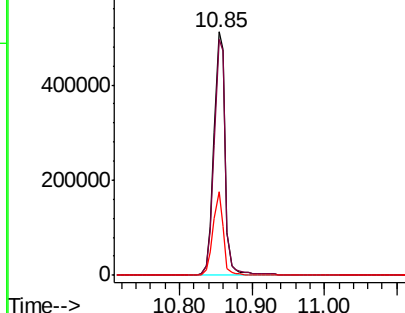
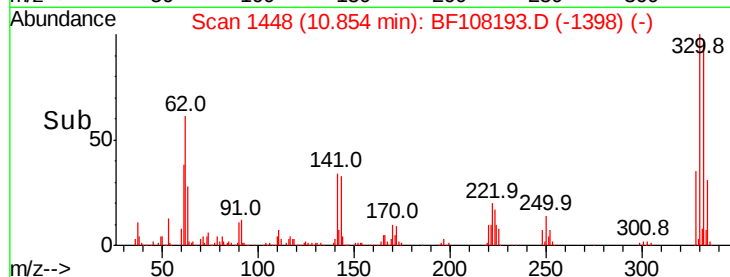
#41
 2,4,6-Tribromophenol
 Concen: 144.844 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108193.D
 Acq: 16 Aug 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB112104BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.6	29.9	44.9

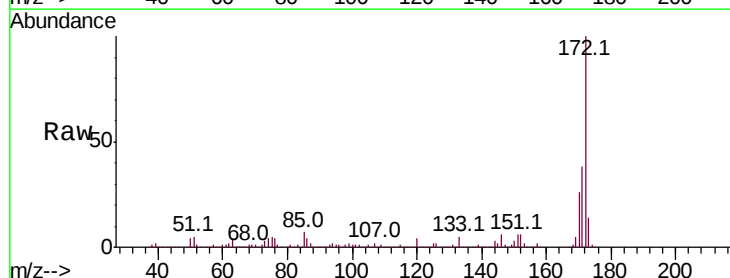


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

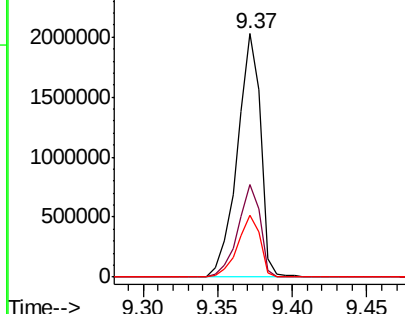
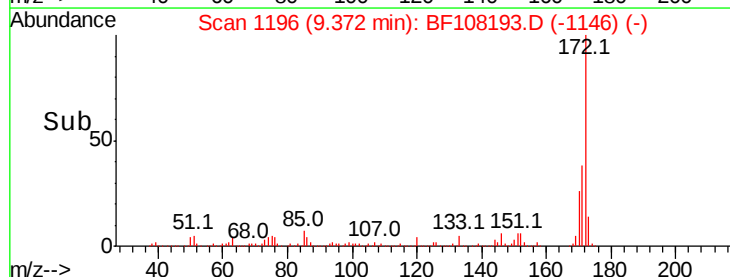


#44
 2-Fluorobiphenyl
 Concen: 91.433 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108193.D
 Acq: 16 Aug 2018 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.6	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

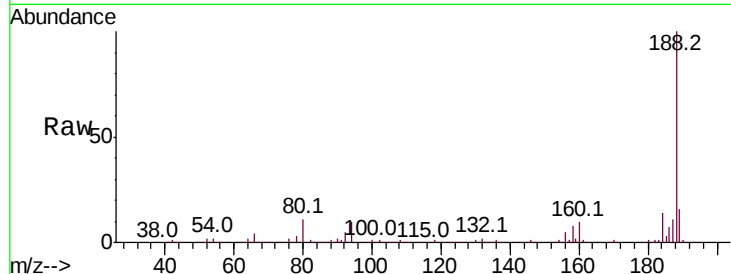




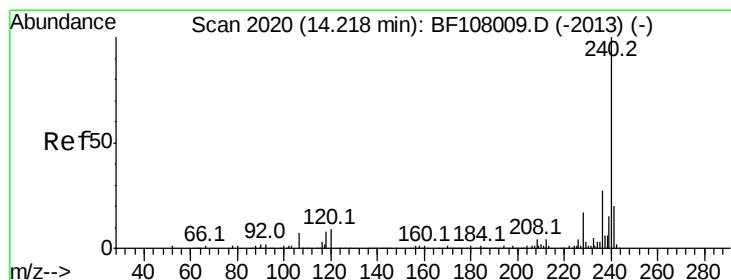
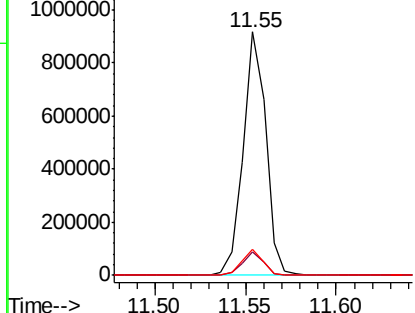
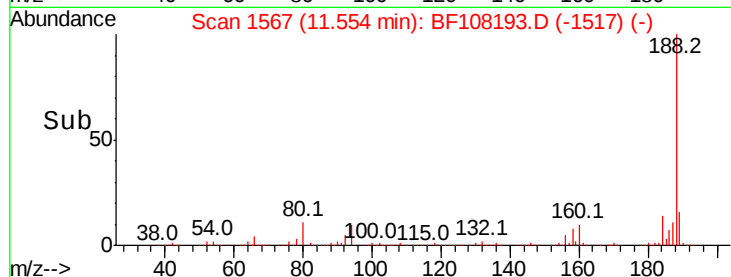
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108193.D
Acq: 16 Aug 2018 14:23

Instrument :
BNA_F
ClientSampleId :
PB112104BL

Tot Ion:188 Resp: 797038
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.5 9.2 13.8

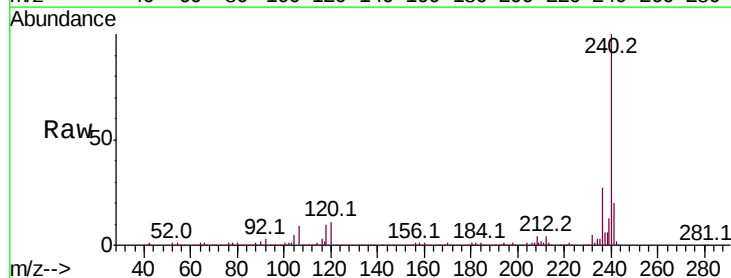


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

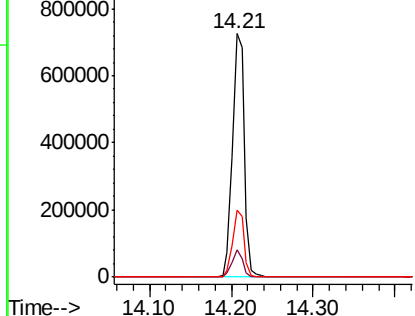
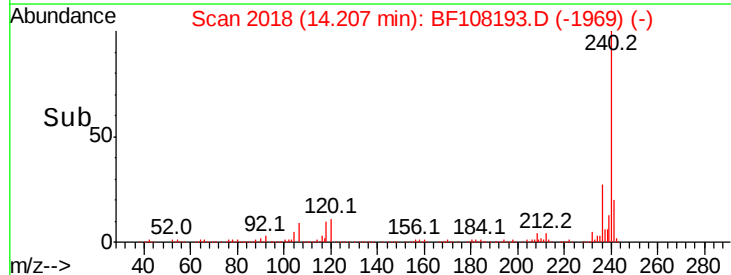


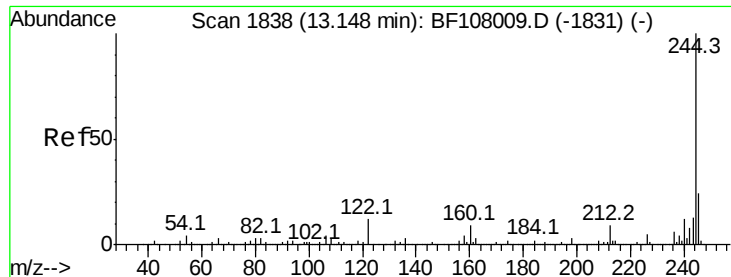
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108193.D
Acq: 16 Aug 2018 14:23

Tgt Ion:240 Resp: 731322
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 27.4 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: 88.279 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108193.D

Acq: 16 Aug 2018 14:23

Instrument :

BNA_F

ClientSampleId :

PB112104BL

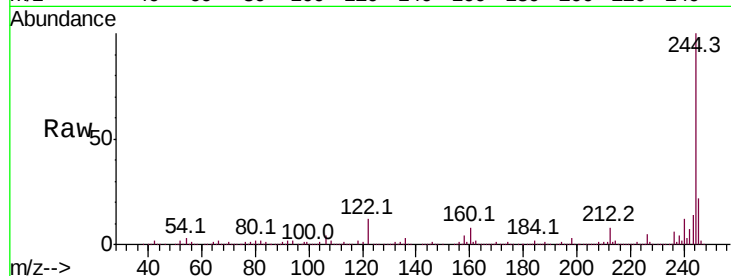
Tot Ion:244 Resp: 2539172

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

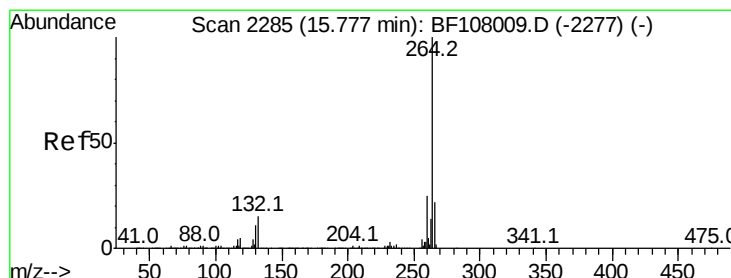
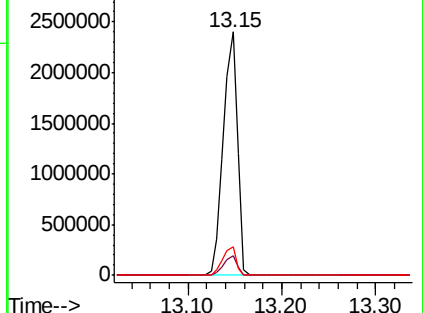
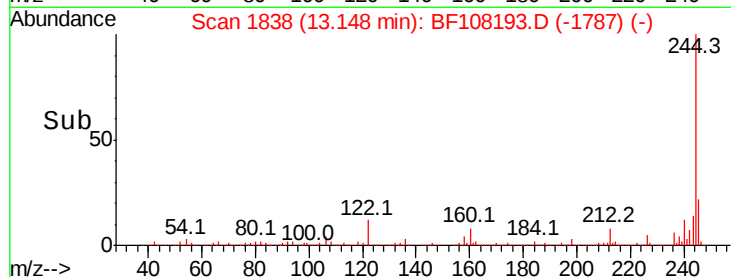
122 11.6 11.0 16.4



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: BF108193.D

Acq: 16 Aug 2018 14:23

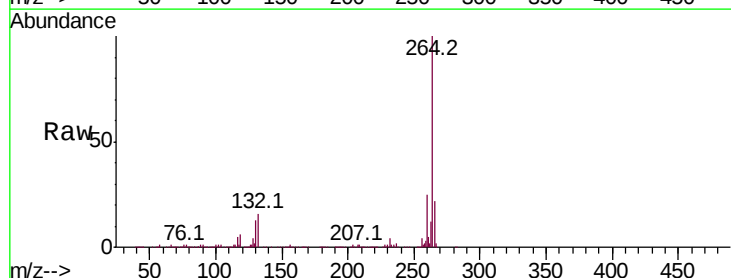
Tgt Ion:264 Resp: 699278

Ion Ratio Lower Upper

264 100

260 25.4 19.2 28.8

265 22.5 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

