

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111180.D
 Acq On : 7 Dec 2018 12:10
 Operator : JU/SJ
 Sample : PB115243BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115243BL

Quant Time: Dec 07 13:10:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 12:19:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	460793	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1861720	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	891718	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1544567	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1137078	20.00	ng	0.00
87) Perylene-d12	15.40	264	806926	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2908973	98.51	ng	0.02
7) Phenol-d6	6.44	99	3643887	95.79	ng	0.00
23) Nitrobenzene-d5	7.36	82	2405816	76.51	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	798305	112.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3957027	81.56	ng	0.00
79) Terphenyl-d14	12.92	244	3504874	63.13	ng	0.01

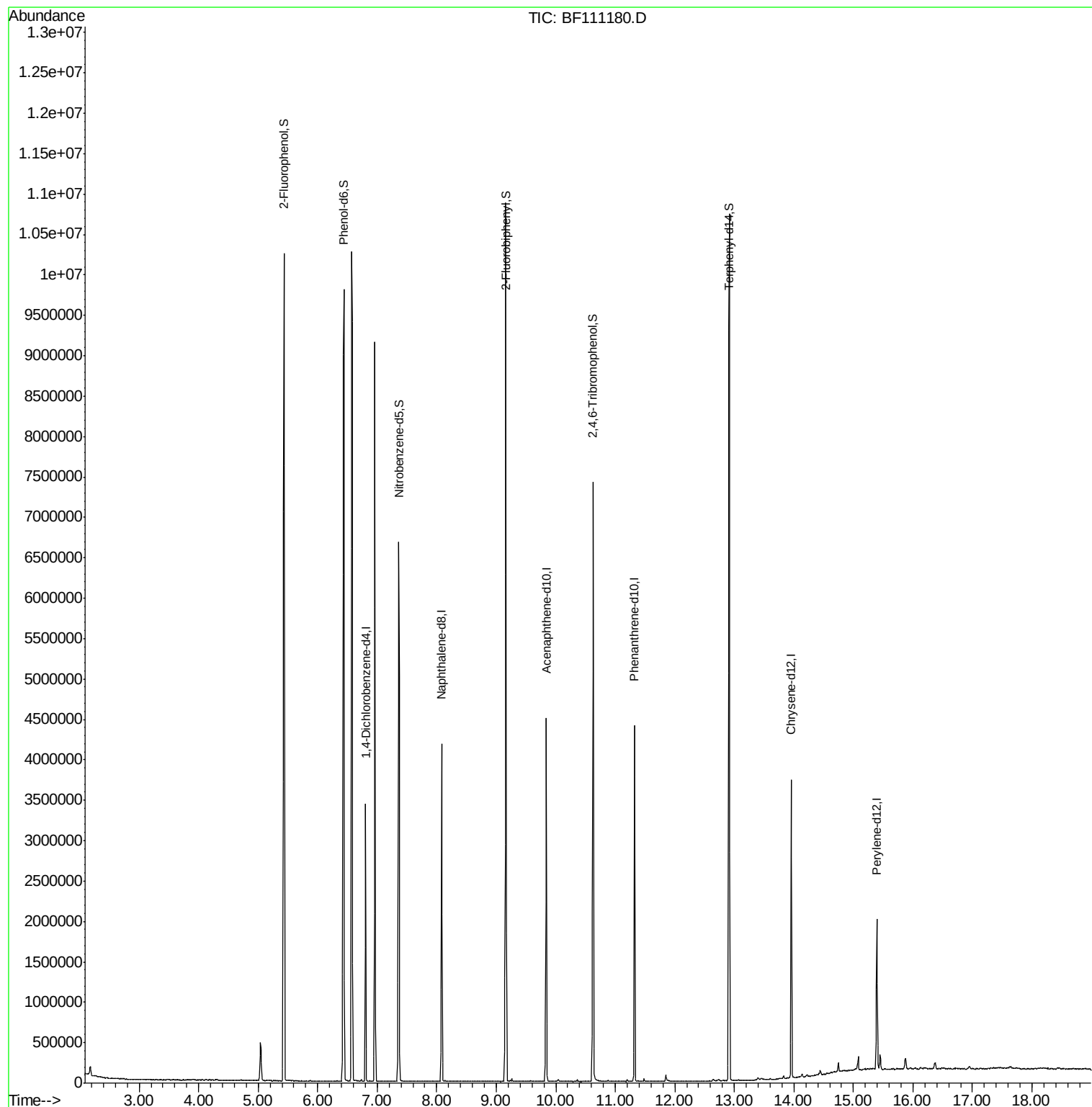
Target Compounds Qvalue

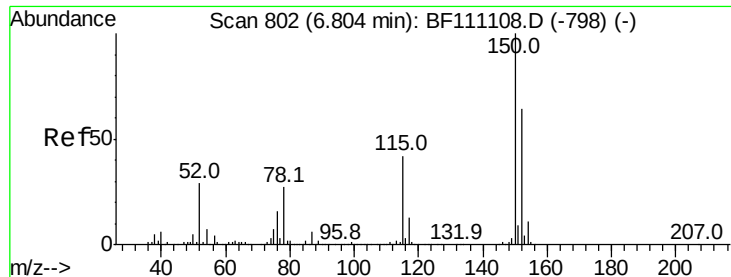
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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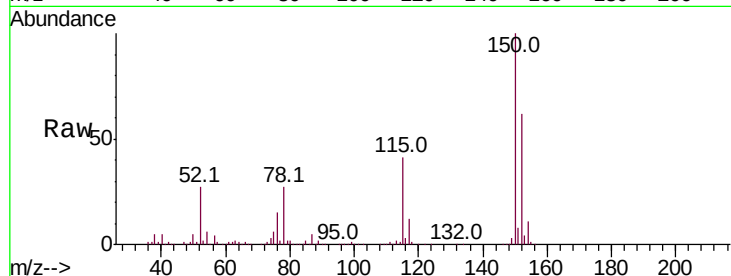


#1

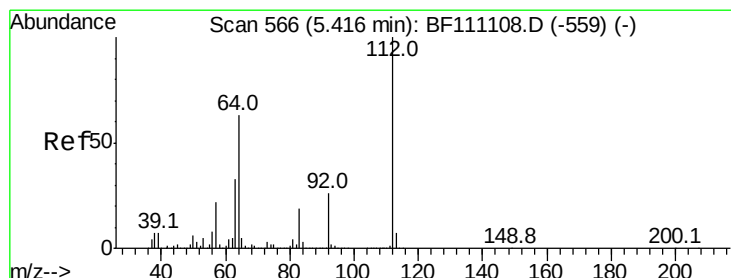
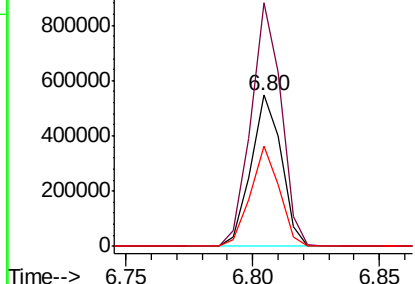
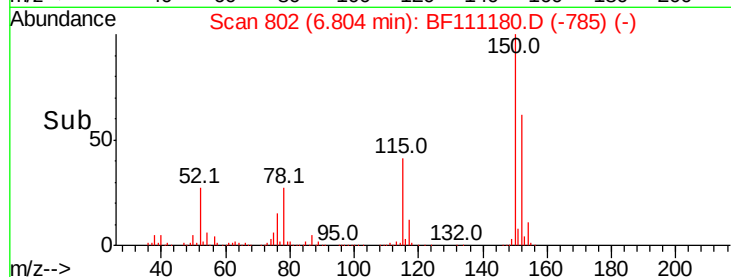
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Instrument :
BNA_F
ClientSampleId :
PB115243BL

Tot Ion:152 Resp: 460793
Ion Ratio Lower Upper
152 100
150 161.1 124.6 187.0
115 66.1 52.2 78.2



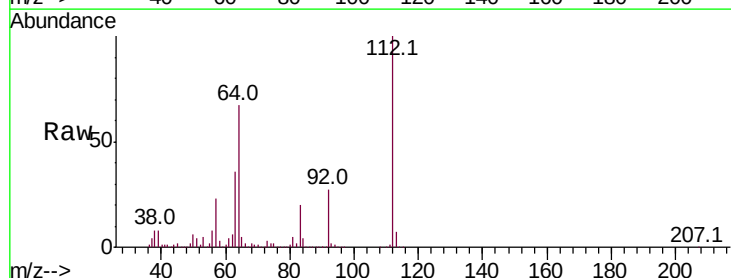
Abundance Ion 152.00 (151.70 to 152.70): E
1200000
Ion 150.00 (149.70 to 150.70): E
1000000
Ion 115.00 (114.70 to 115.70): E
800000
600000
400000
200000
0



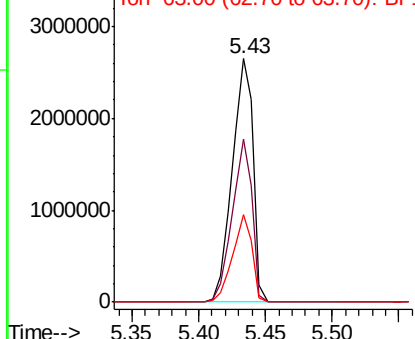
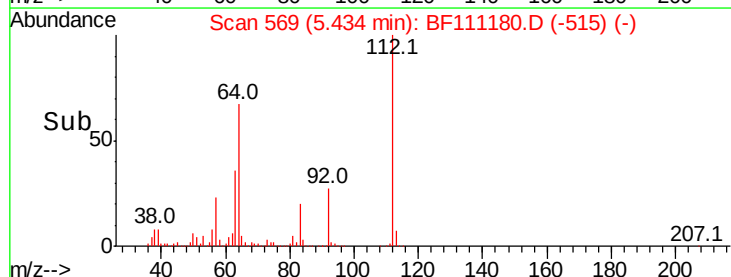
#5

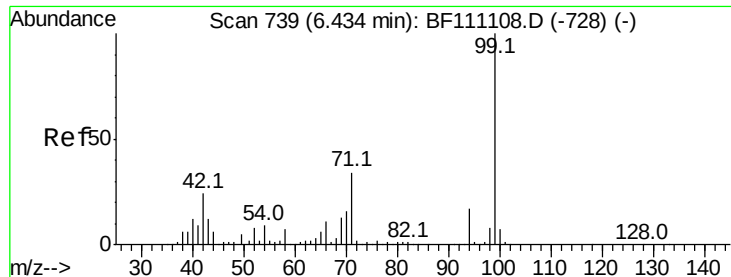
2-Fluorophenol
Concen: 98.511 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion:112 Resp: 2908973
Ion Ratio Lower Upper
112 100
64 66.8 50.2 75.4
63 35.7 26.6 39.8



Abundance Ion 112.00 (111.70 to 112.70): E
3000000
Ion 64.00 (63.70 to 64.70): BF1
2000000
Ion 63.00 (62.70 to 63.70): BF1
1000000
0





#7

Phenol-d6

Concen: 95.794 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111180.D

Acq: 7 Dec 2018 12:10

Instrument :

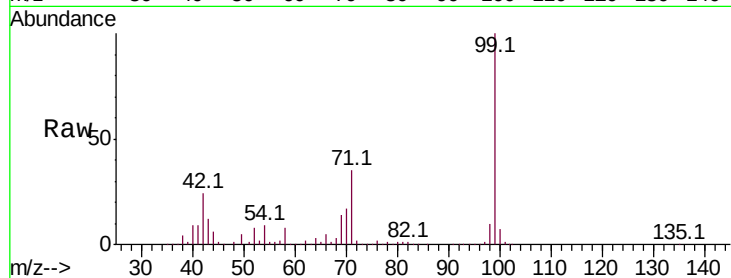
BNA_F

ClientSampleId :

PB115243BL

Tot Ion: 99 Resp: 3643887

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.3	28.9
71	35.2	27.4	41.2

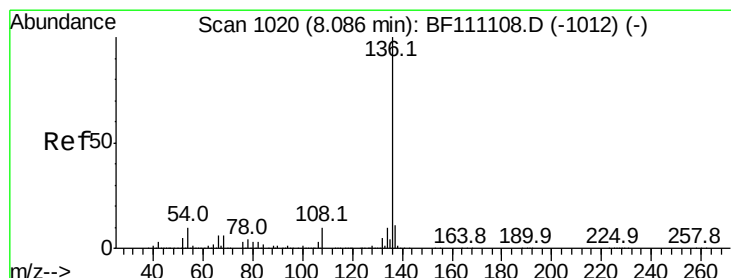
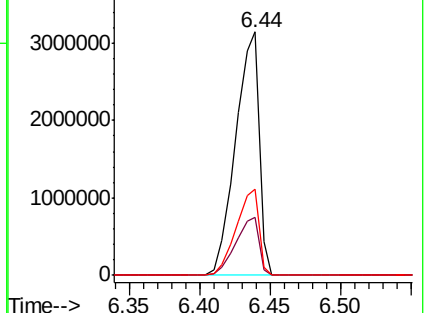
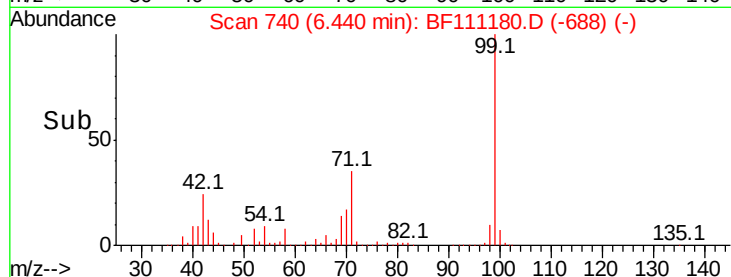


Abundance

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: 8.09 min Scan# 1020

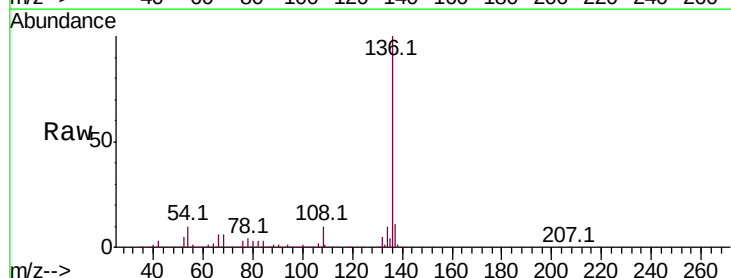
Delta R.T. -0.00 min

Lab File: BF111180.D

Acq: 7 Dec 2018 12:10

Tgt Ion: 136 Resp: 1861720

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.9	8.4	12.6
68	5.7	5.0	7.4



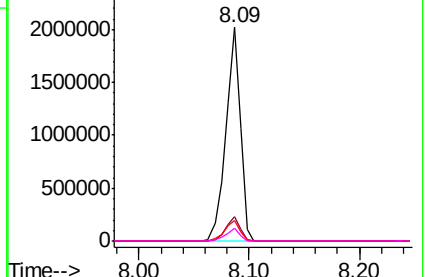
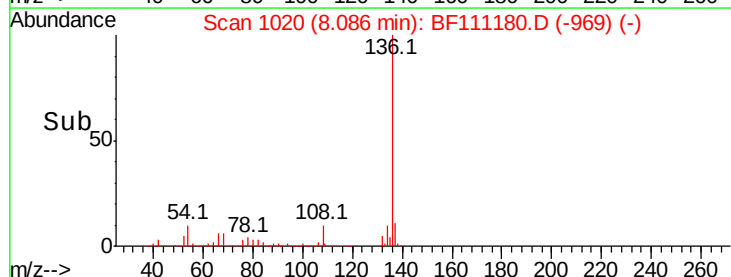
Abundance

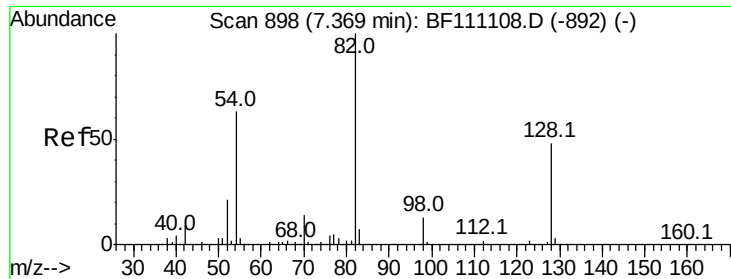
Ion 136.00 (135.70 to 136.70): E

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

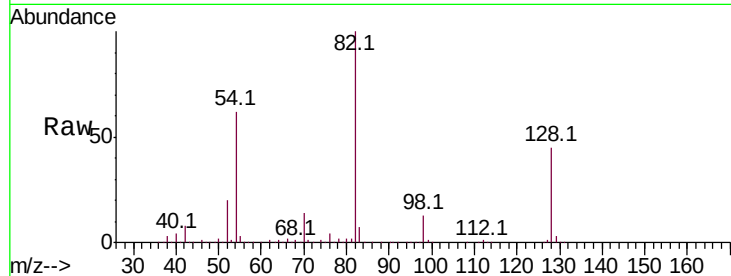




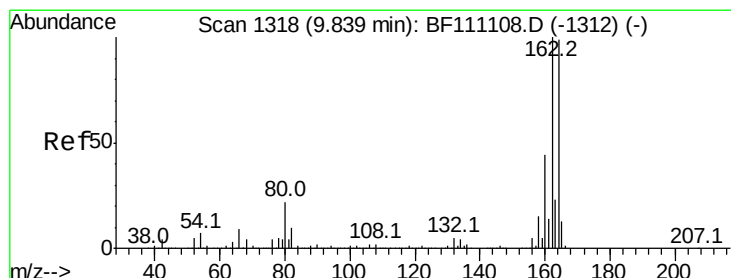
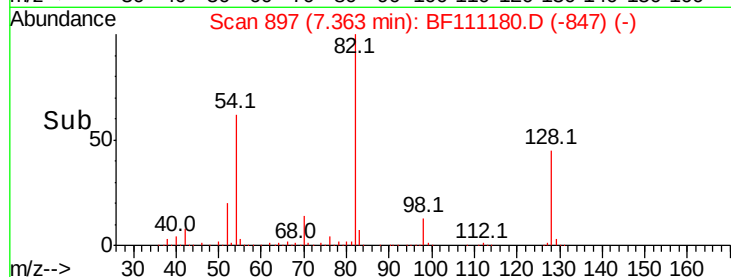
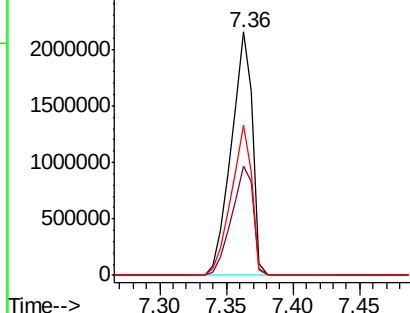
#23
Nitrobenzene-d5
Concen: 76.506 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Instrument :
BNA_F
ClientSampleId :
PB115243BL

Tot Ion: 82 Resp: 2405816
Ion Ratio Lower Upper
82 100
128 45.1 38.1 57.1
54 61.6 50.3 75.5

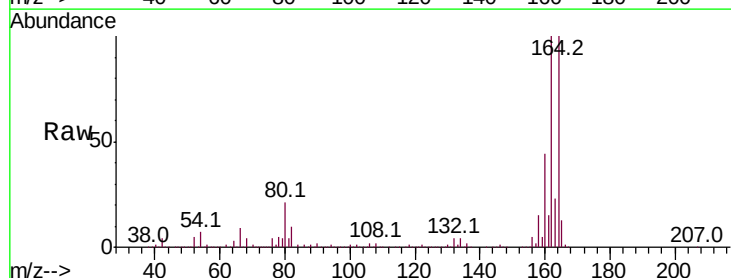


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

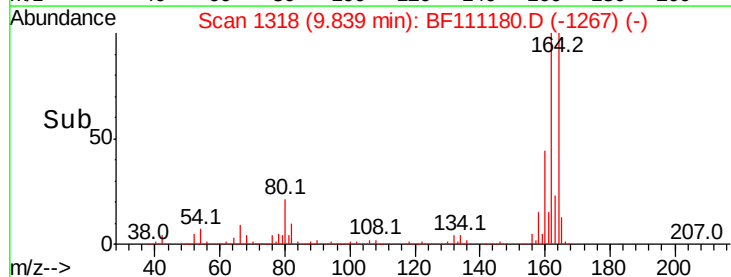
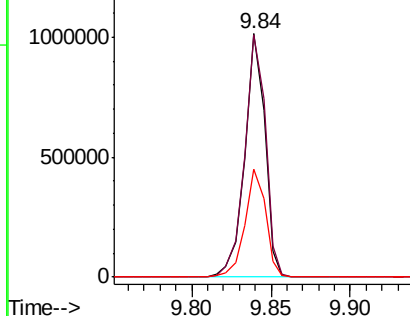


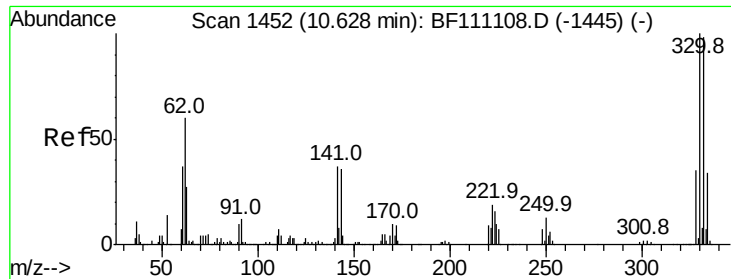
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion:164 Resp: 891718
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 44.3 35.5 53.3



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





#42

2,4,6-Tribromophenol

Concen: 112.625 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111180.D

Acq: 7 Dec 2018 12:10

Instrument :

BNA_F

ClientSampleId :

PB115243BL

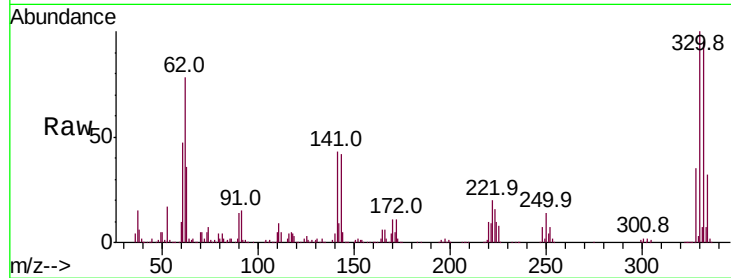
Tot Ion:330 Resp: 798305

Ion Ratio Lower Upper

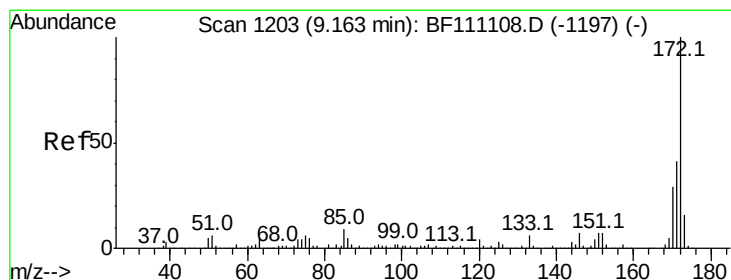
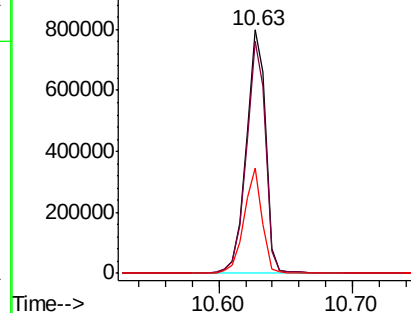
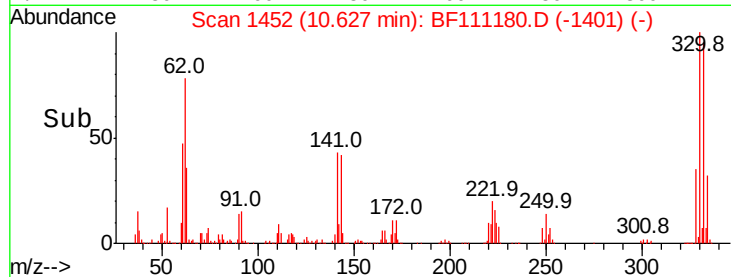
330 100

332 94.8 77.2 115.8

141 40.8 36.1 54.1



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



#45

2-Fluorobiphenyl

Concen: 81.560 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF111180.D

Acq: 7 Dec 2018 12:10

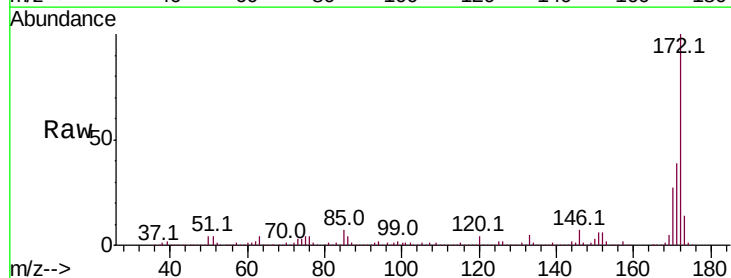
Tgt Ion:172 Resp: 3957027

Ion Ratio Lower Upper

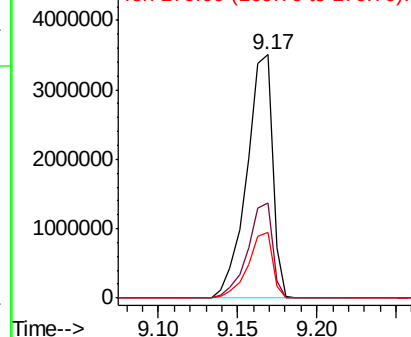
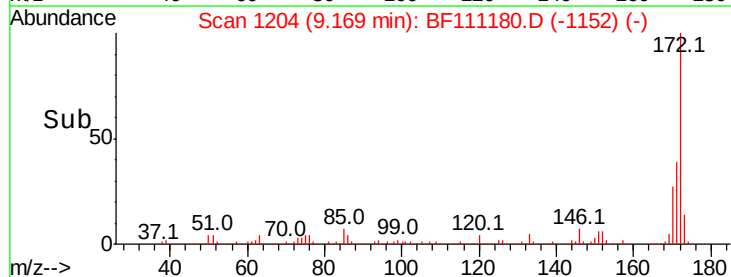
172 100

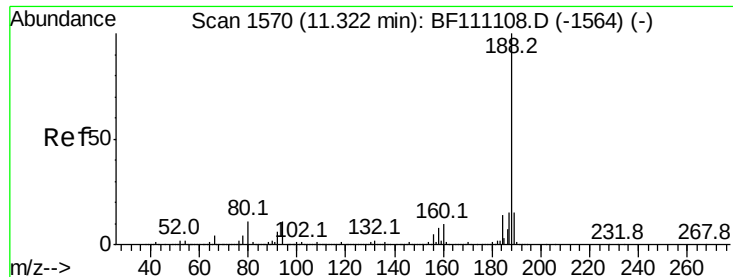
171 39.3 33.2 49.8

170 26.8 22.9 34.3



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

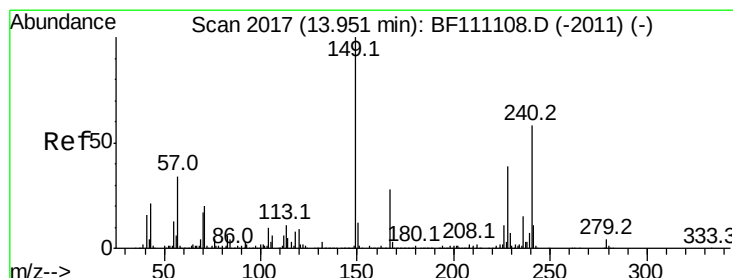
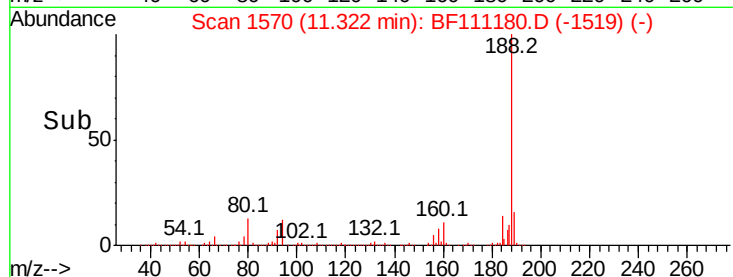
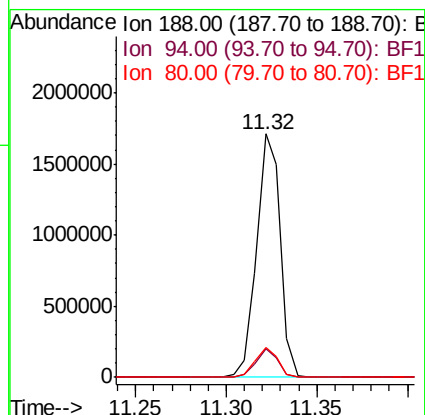
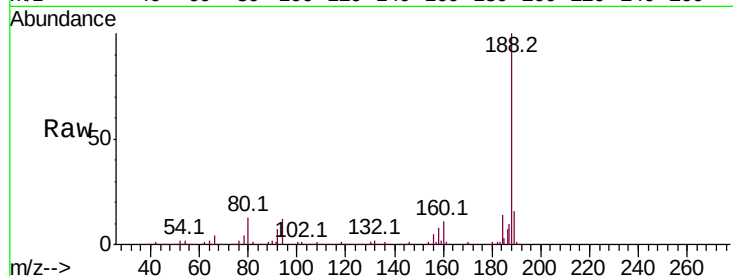




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

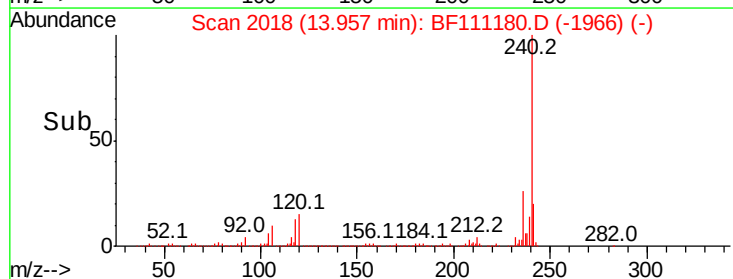
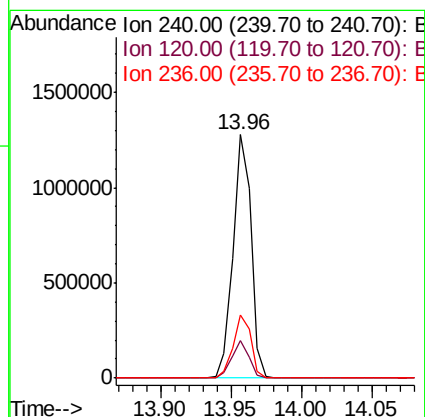
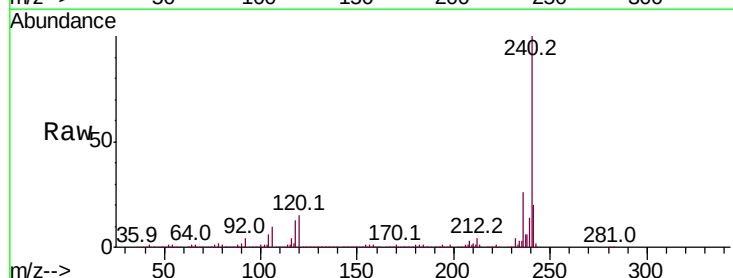
Instrument :
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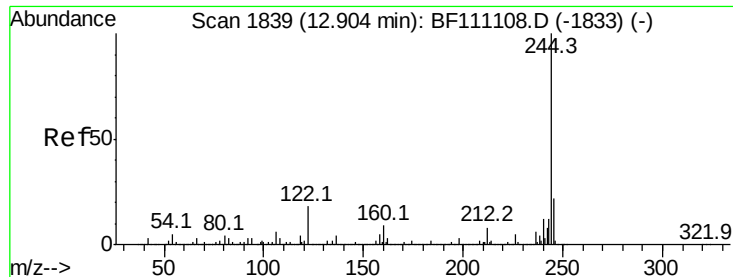
Tot Ion:188 Resp: 1544567
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.5 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion:240 Resp: 1137078
Ion Ratio Lower Upper
240 100
120 15.2 12.8 19.2
236 26.1 21.1 31.7

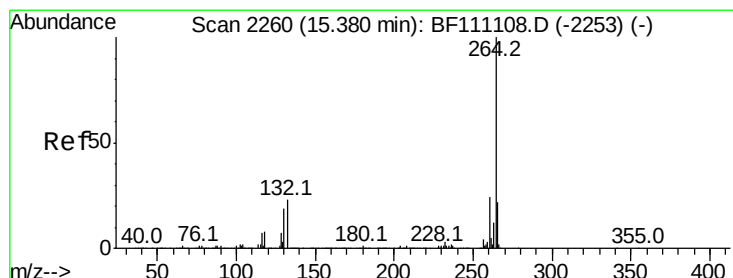
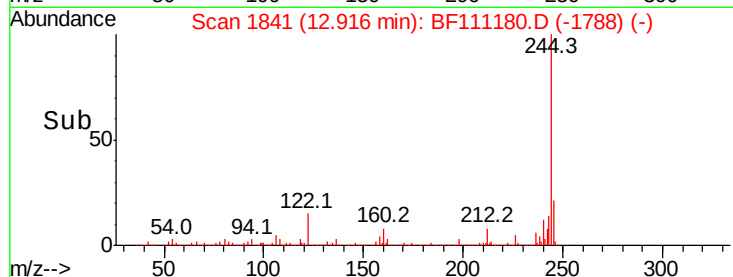
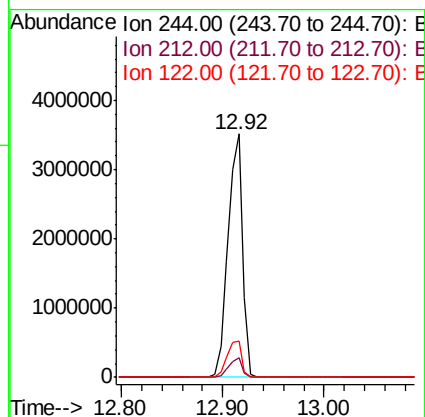
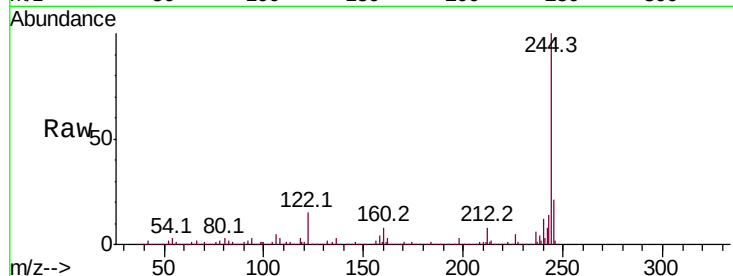




#79
 Terphenyl-d14
 Concen: 63.126 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111180.D
 Acq: 7 Dec 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :
 PB115243BL

Tot Ion:244 Resp: 3504874
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 15.0 14.2 21.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.02 min
 Lab File: BF111180.D
 Acq: 7 Dec 2018 12:10

Tgt Ion:264 Resp: 806926
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 22.0 17.4 26.0

