

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111184.D
 Acq On : 7 Dec 2018 13:59
 Operator : JU/SJ
 Sample : PB115160BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115160BL

Quant Time: Dec 07 14:58:33 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	492223	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1963223	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	947355	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1655869	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1209004	20.00	ng	0.00
87) Perylene-d12	15.40	264	863090	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2585066	81.95	ng	0.02
7) Phenol-d6	6.43	99	3296389	81.12	ng	0.00
23) Nitrobenzene-d5	7.36	82	2114568	63.77	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	700572	93.03	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3612141	67.64	ng	0.00
79) Terphenyl-d14	12.92	244	3249057	55.04	ng	0.01

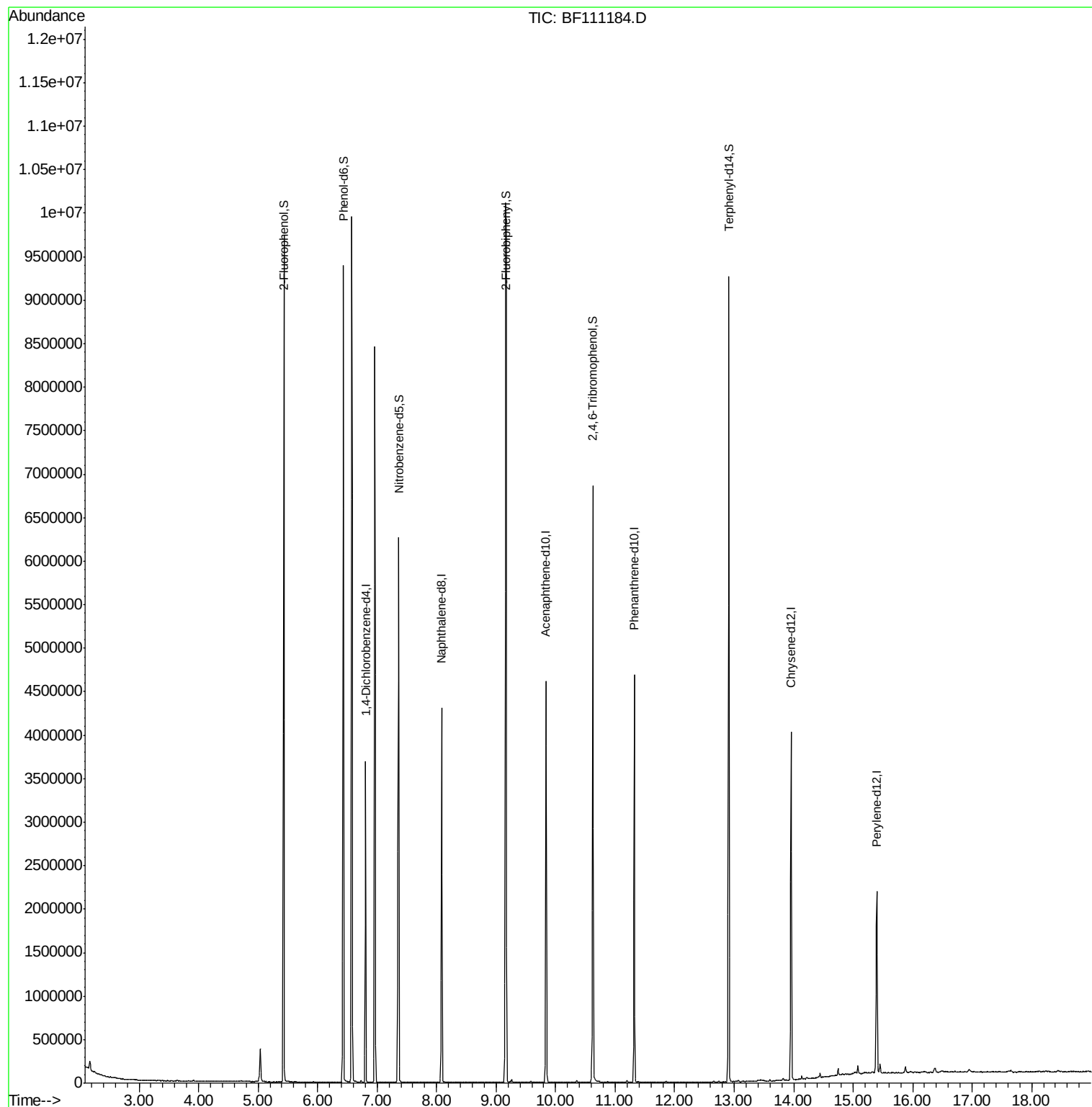
Target Compounds Qvalue

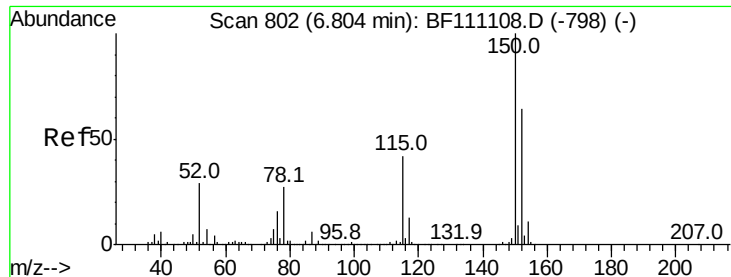
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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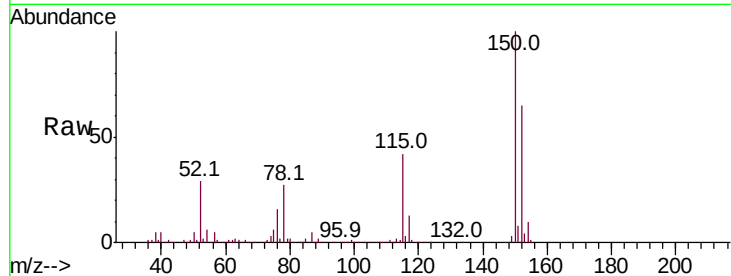


#1

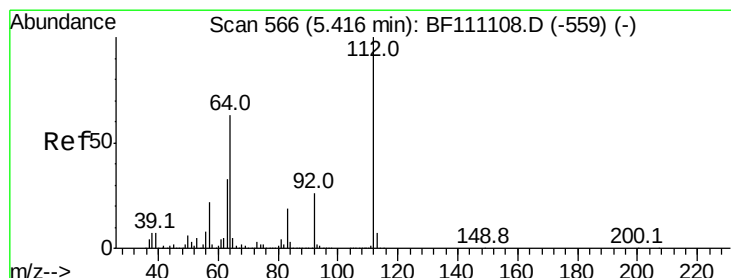
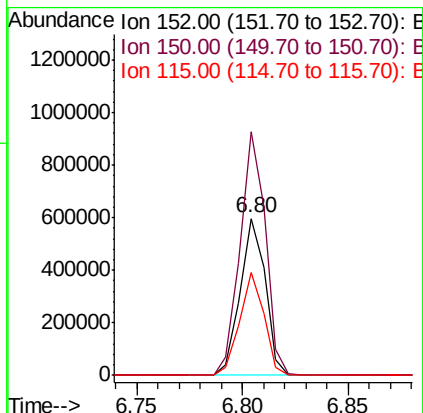
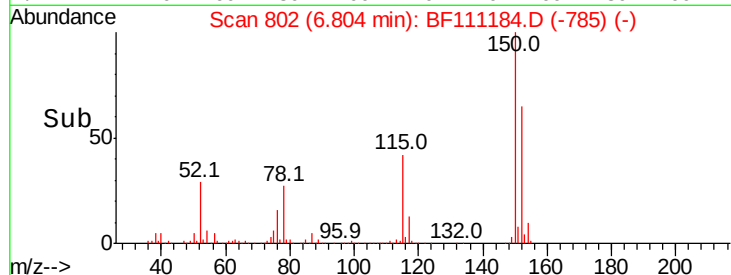
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111184.D
Acq: 7 Dec 2018 13:59

Instrument :
BNA_F
ClientSampleId :
PB115160BL

Tot Ion:152 Resp: 492223
Ion Ratio Lower Upper
152 100
150 154.9 124.6 187.0
115 65.2 52.2 78.2



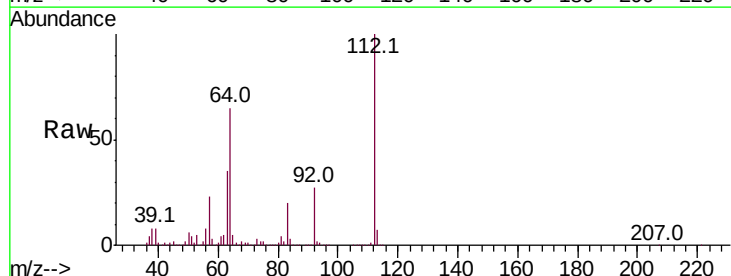
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



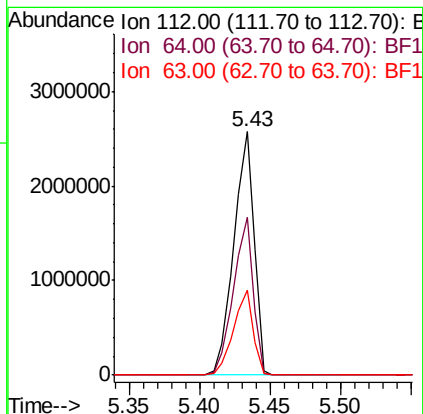
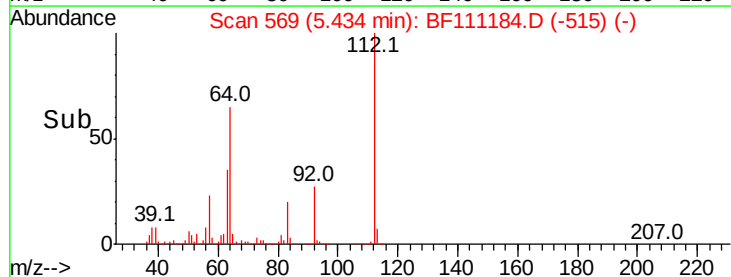
#5

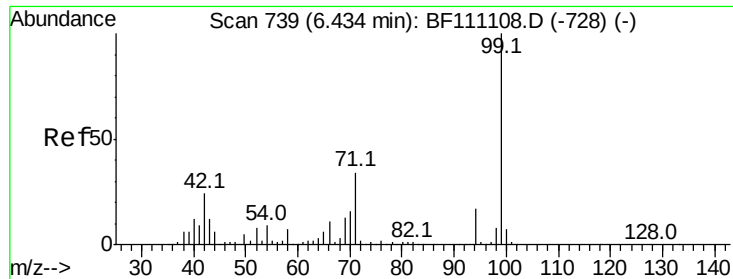
2-Fluorophenol
Concen: 81.952 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111184.D
Acq: 7 Dec 2018 13:59

Tgt Ion:112 Resp: 2585066
Ion Ratio Lower Upper
112 100
64 64.9 50.2 75.4
63 34.9 26.6 39.8



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: 81.125 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111184.D

Acq: 7 Dec 2018 13:59

Instrument :

BNA_F

ClientSampleId :

PB115160BL

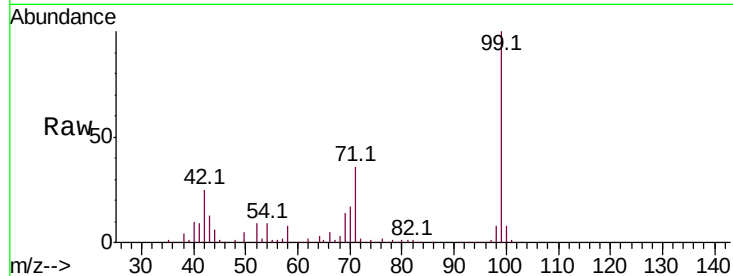
Tot Ion: 99 Resp: 3296389

Ion Ratio Lower Upper

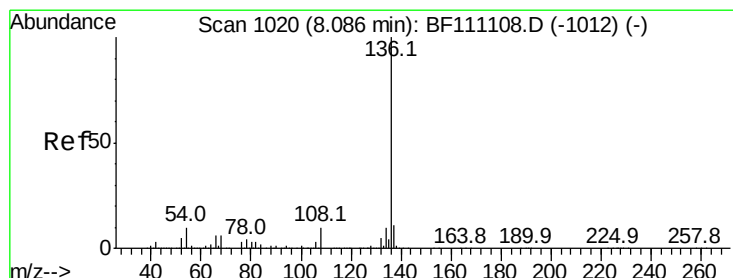
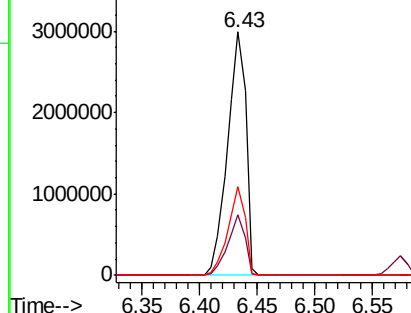
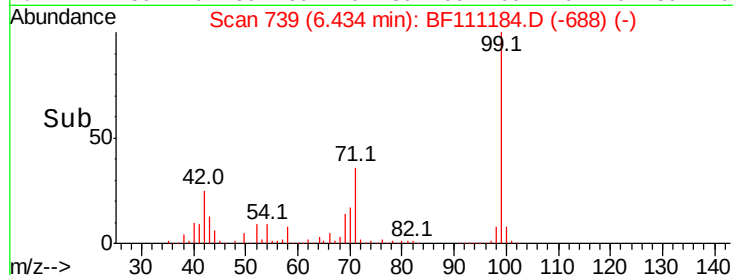
99 100

42 24.8 19.3 28.9

71 36.2 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: BF111184.D

Acq: 7 Dec 2018 13:59

Tgt Ion: 136 Resp: 1963223

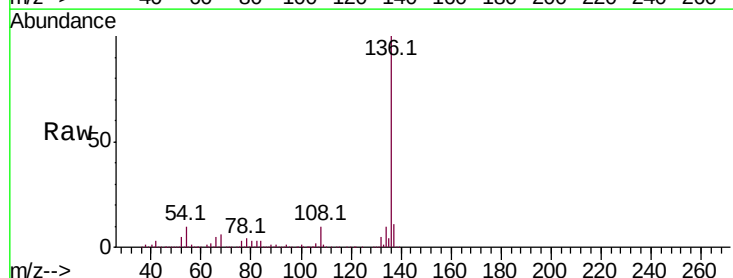
Ion Ratio Lower Upper

136 100

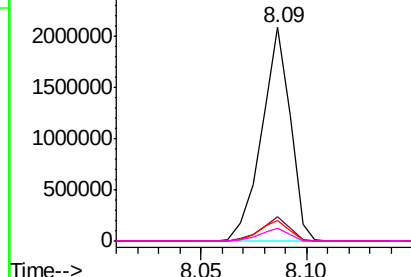
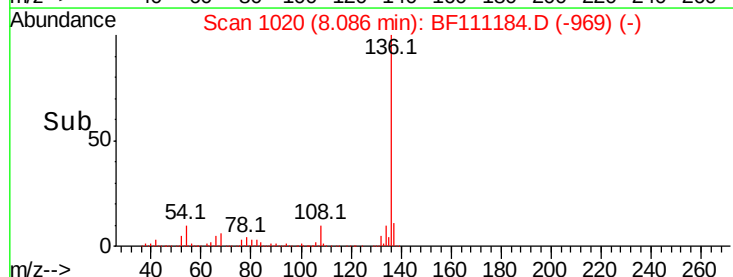
137 11.3 9.0 13.6

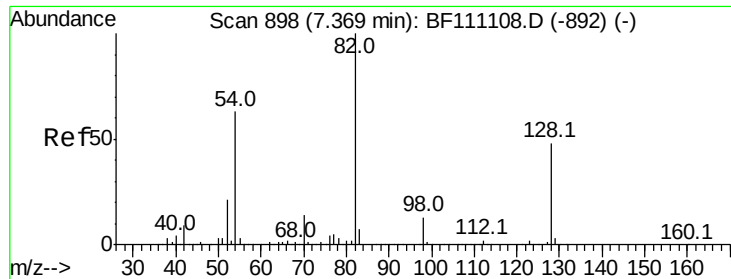
54 9.8 8.4 12.6

68 6.1 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

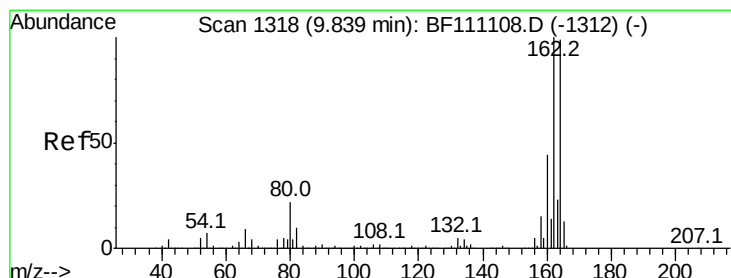
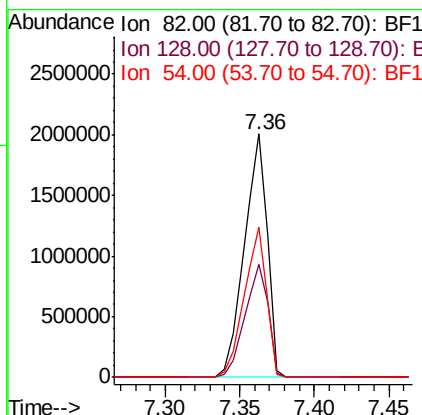
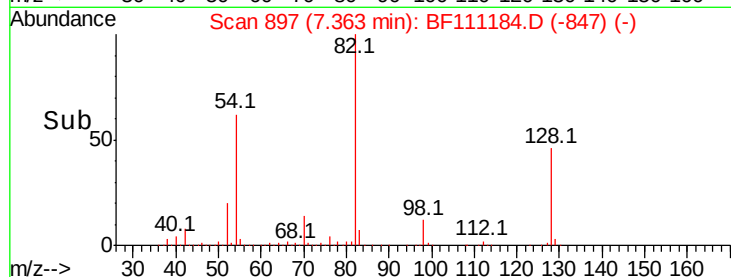
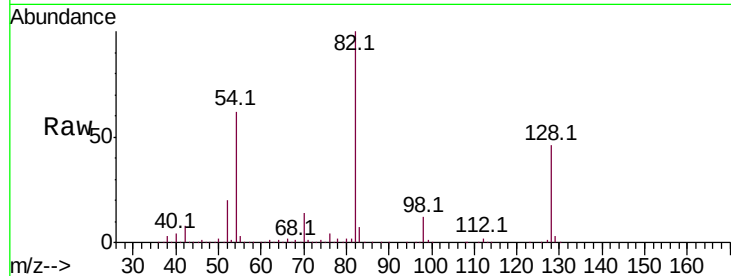




#23
Nitrobenzene-d5
Concen: 63.767 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111184.D
Acq: 7 Dec 2018 13:59

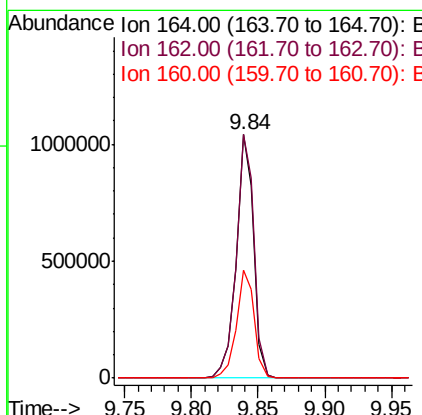
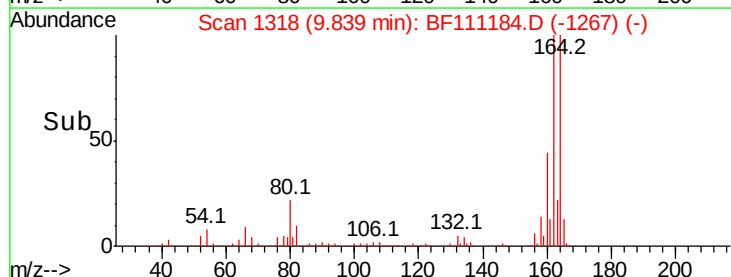
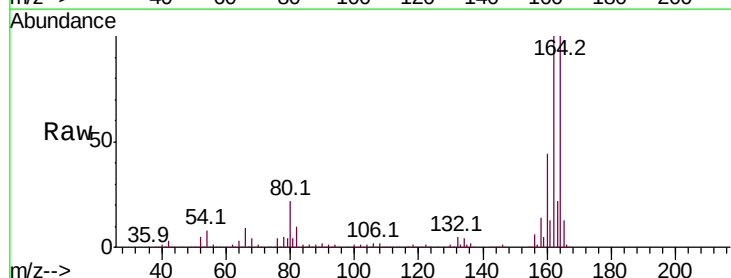
Instrument :
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PB115160BL

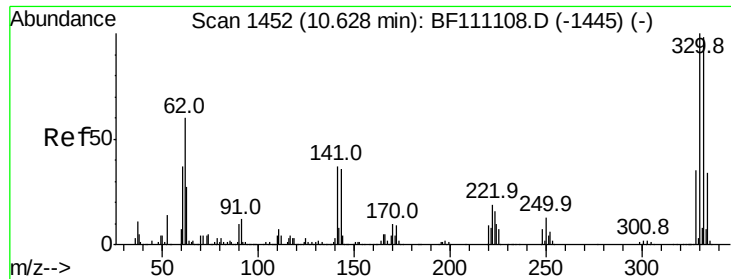
Tot Ion: 82 Resp: 2114568
Ion Ratio Lower Upper
82 100
128 46.2 38.1 57.1
54 61.8 50.3 75.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111184.D
Acq: 7 Dec 2018 13:59

Tgt Ion:164 Resp: 947355
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 44.3 35.5 53.3

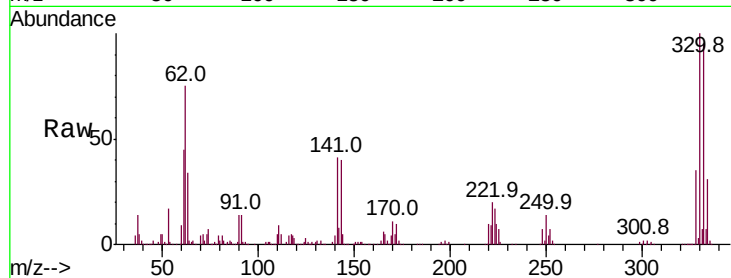




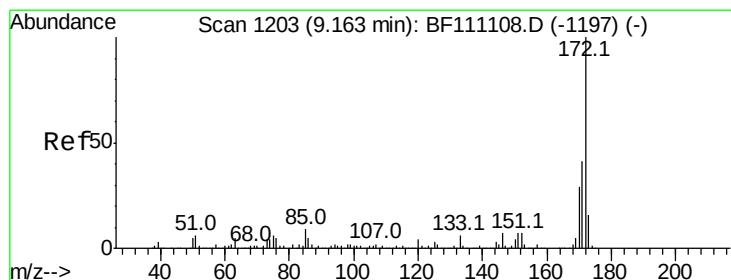
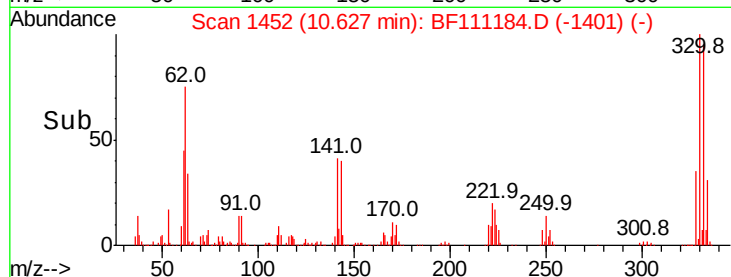
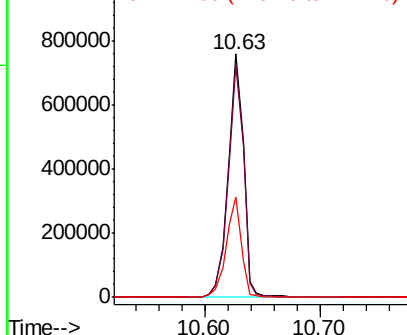
#42
 2,4,6-Tribromophenol
 Concen: 93.033 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111184.D
 Acq: 7 Dec 2018 13:59

Instrument :
 BNA_F
 ClientSampleId :
 PB115160BL

Tot Ion:330 Resp: 700572
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.2 115.8
 141 40.6 36.1 54.1

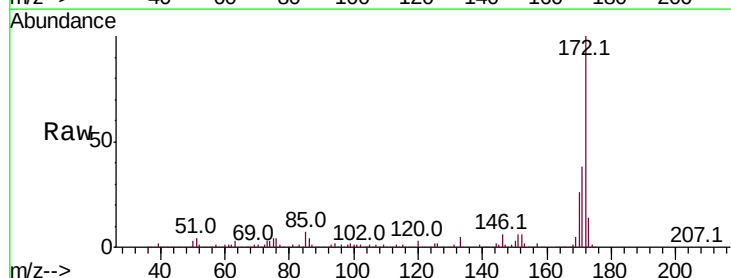


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

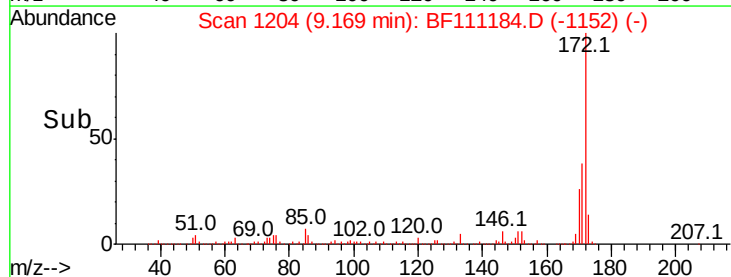
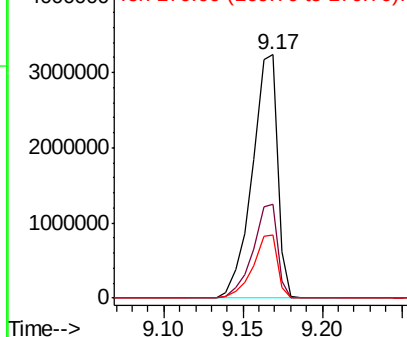


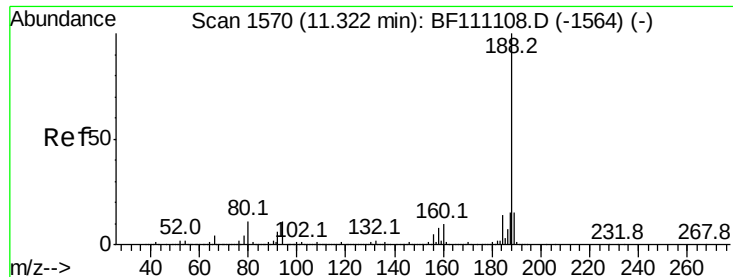
#45
 2-Fluorobiphenyl
 Concen: 67.643 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF111184.D
 Acq: 7 Dec 2018 13:59

Tgt Ion:172 Resp: 3612141
 Ion Ratio Lower Upper
 172 100
 171 38.5 33.2 49.8
 170 26.0 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: BF111184.D

Acq: 7 Dec 2018 13:59

Instrument :

BNA_F

ClientSampleId :

PB115160BL

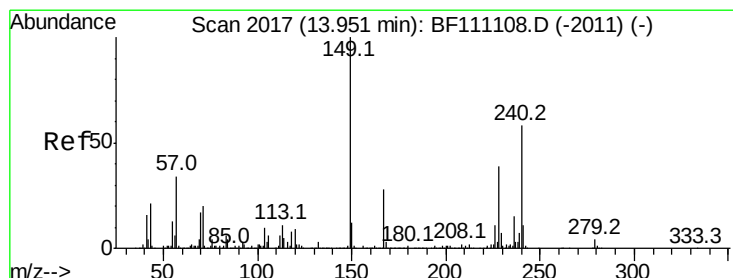
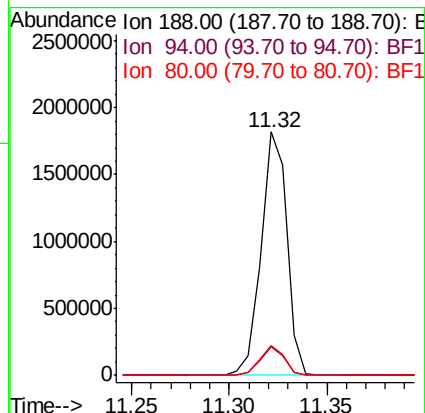
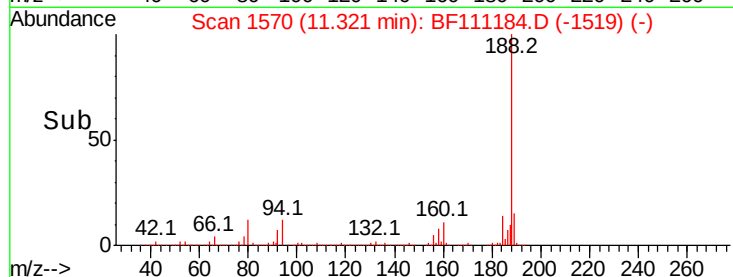
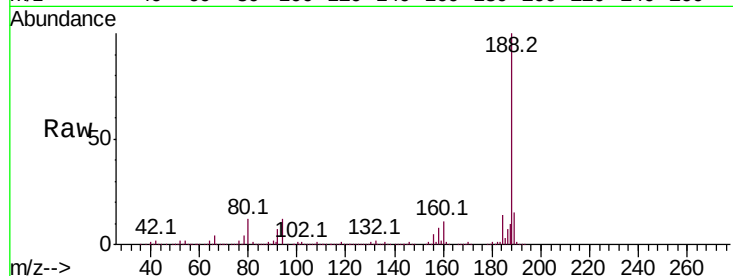
Tot Ion:188 Resp: 1655869

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

80 12.4 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: BF111184.D

Acq: 7 Dec 2018 13:59

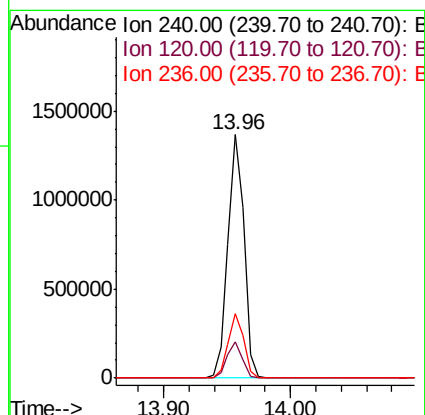
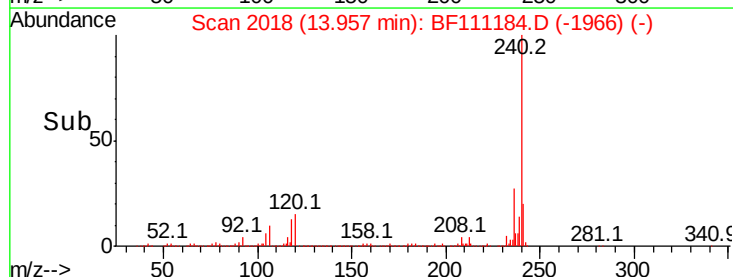
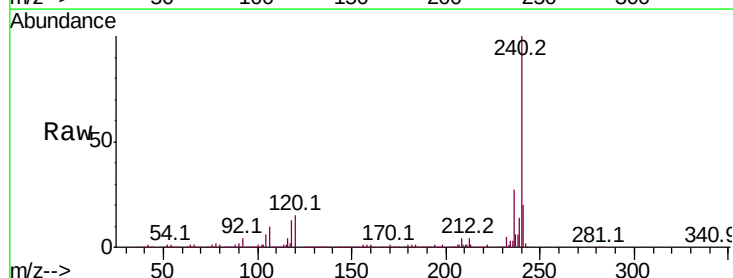
Tgt Ion:240 Resp: 1209004

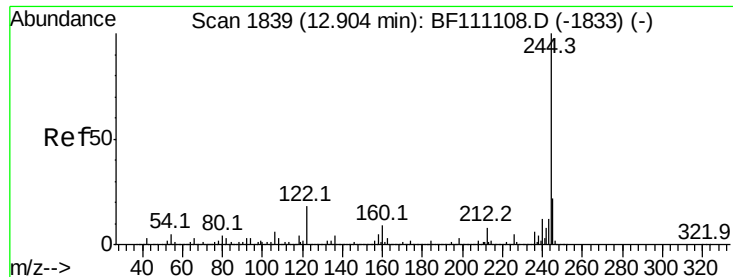
Ion Ratio Lower Upper

240 100

120 14.9 12.8 19.2

236 26.7 21.1 31.7

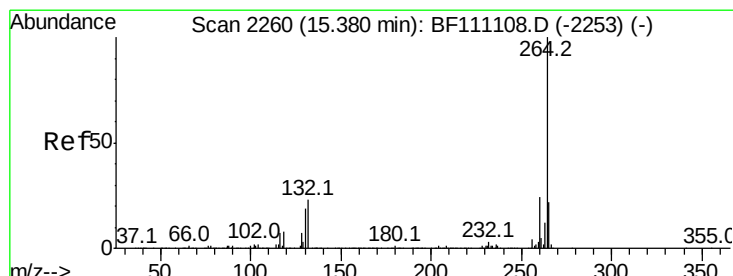
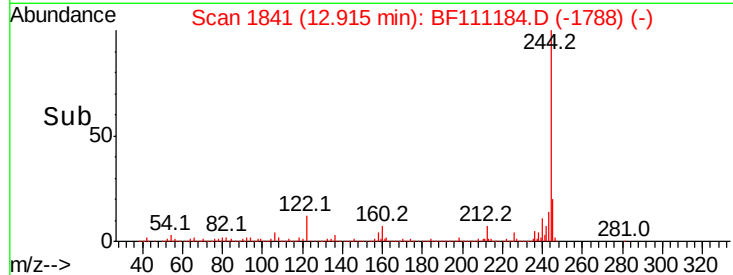
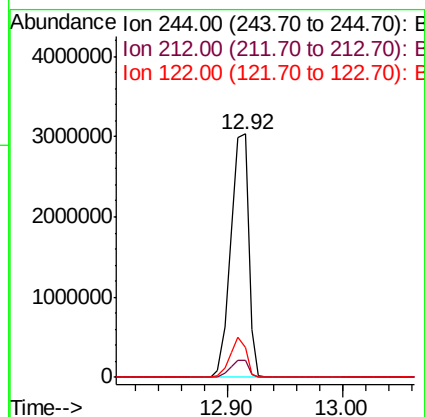
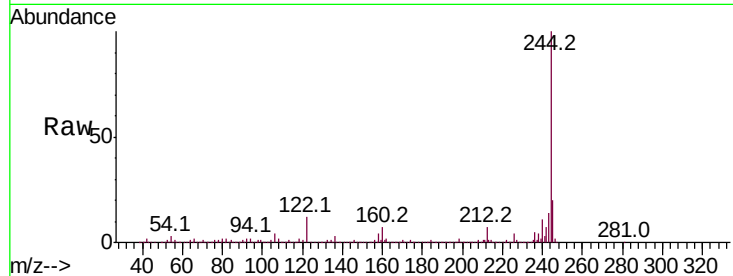




#79
 Terphenyl-d14
 Concen: 55.037 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF111184.D
 Acq: 7 Dec 2018 13:59

Instrument :
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 ClientSampleId :
 PB115160BL

Tot Ion:244 Resp: 3249057
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 9.8
 122 12.4 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: BF111184.D
 Acq: 7 Dec 2018 13:59

Tgt Ion:264 Resp: 863090
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 21.9 17.4 26.0

