

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104336.D
 Acq On : 7 Apr 2018 5:01
 Operator : JU/SJ
 Sample : PB108048BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108048BL

Quant Time: Apr 07 05:35:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	145230	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	582313	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	259245	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	398398	20.00	ng	0.00
75) Chrysene-d12	13.97	240	283039	20.00	ng	0.00
86) Perylene-d12	15.43	264	256517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1144401	120.49	ng	0.02
7) Phenol-d6	6.43	99	1411142	120.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	852271	95.57	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	282875	105.19	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1452685	88.52	ng	0.00
78) Terphenyl-d14	12.92	244	1082258	87.17	ng	0.00

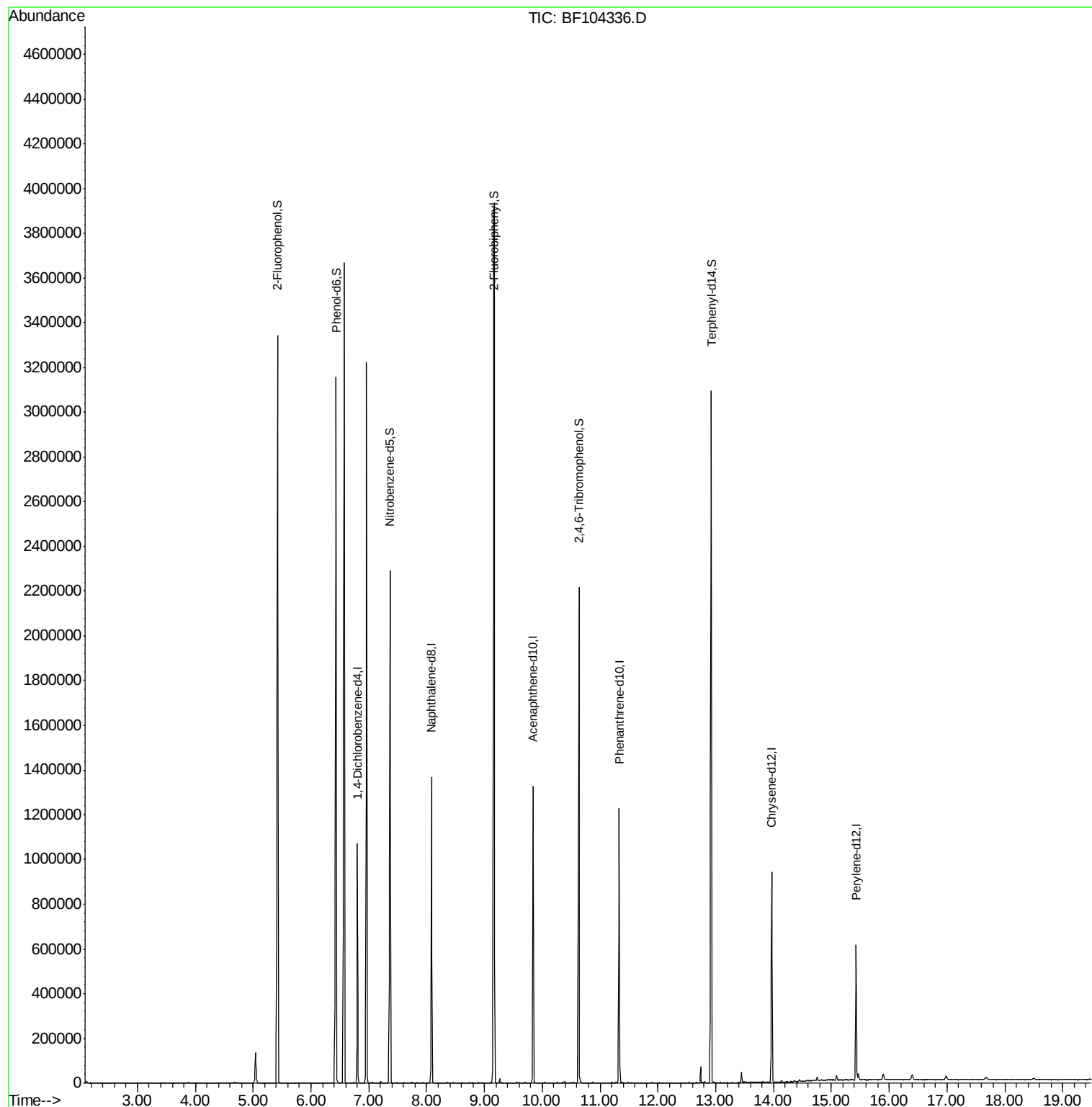
Target Compounds Qvalue

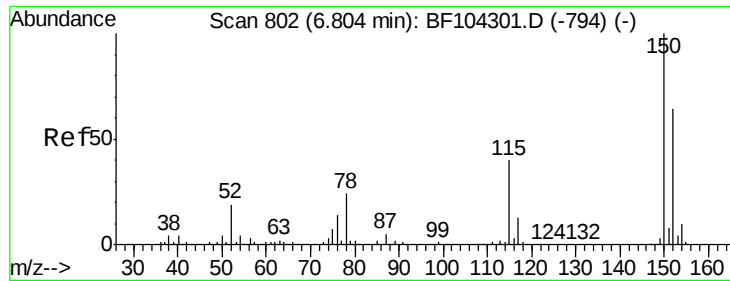
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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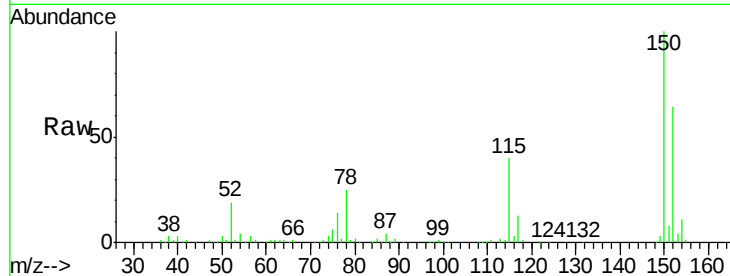


#1

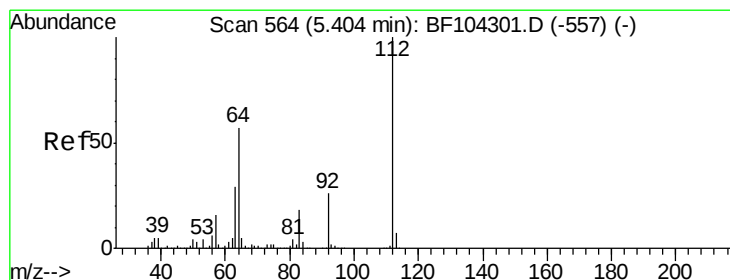
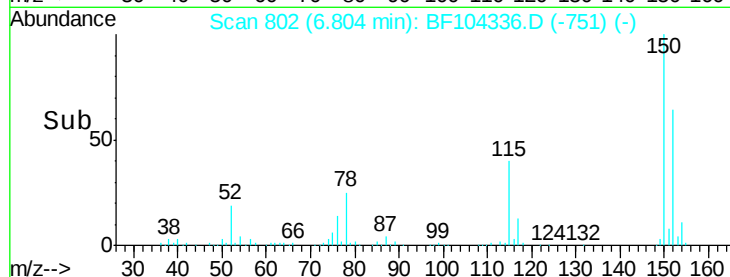
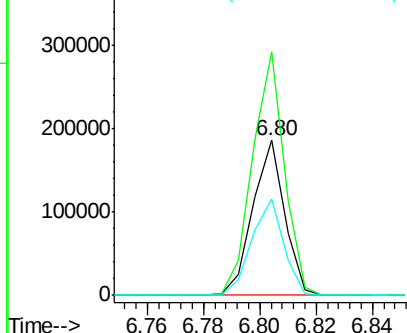
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104336.D
Acq: 7 Apr 2018 5:01

Instrument :
BNA_F
ClientSampleId :
PB108048BL

Tot Ion:152 Resp: 145230
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 62.6 50.1 75.1



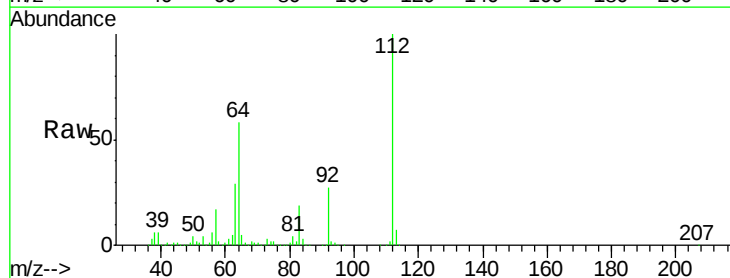
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



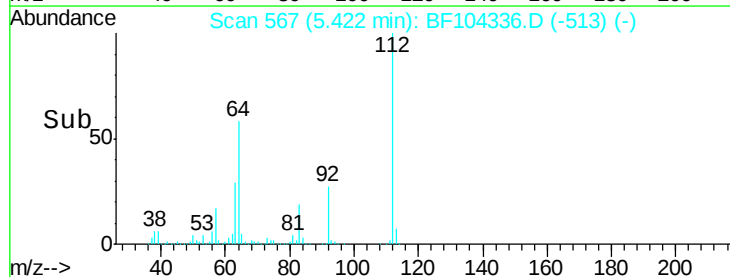
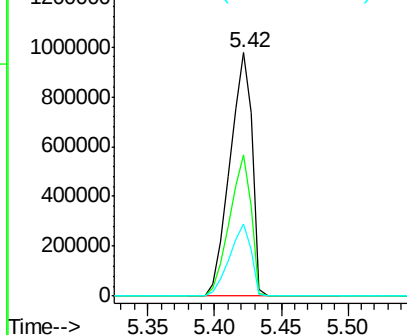
#5

2-Fluorophenol
Concen: 120.488 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF104336.D
Acq: 7 Apr 2018 5:01

Tgt Ion:112 Resp: 1144401
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.5 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: 120.921 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104336.D

Acq: 7 Apr 2018 5:01

Instrument :

BNA_F

ClientSampleId :

PB108048BL

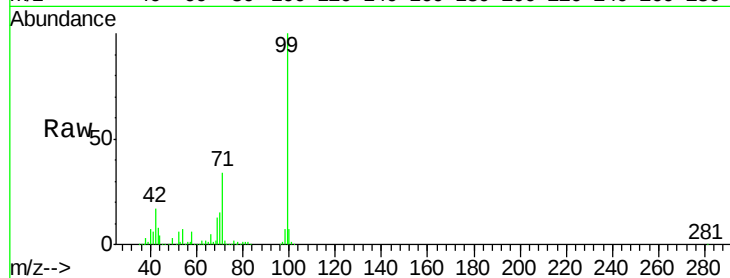
Tot Ion: 99 Resp: 1411142

Ion Ratio Lower Upper

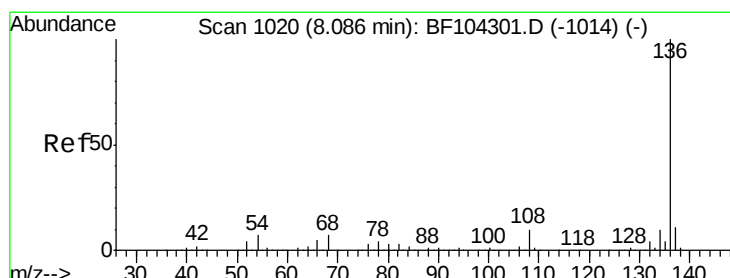
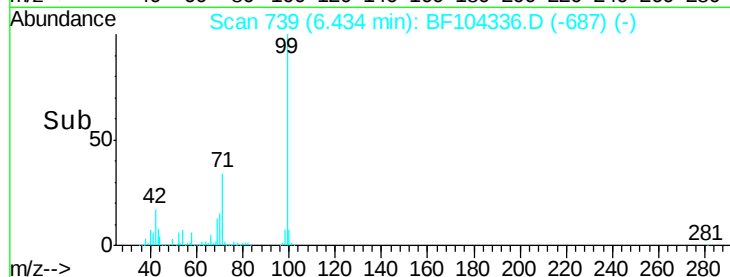
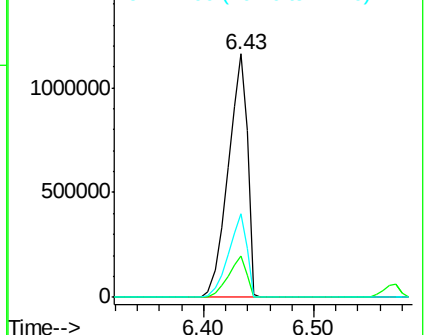
99 100

42 16.8 14.5 21.7

71 34.2 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: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104336.D

Acq: 7 Apr 2018 5:01

Tgt Ion: 136 Resp: 582313

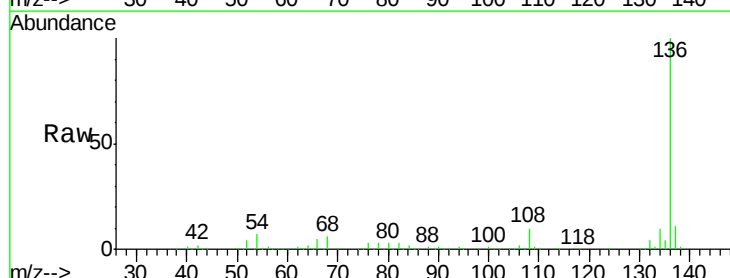
Ion Ratio Lower Upper

136 100

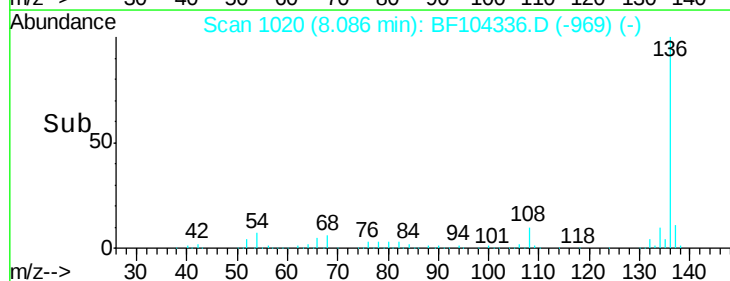
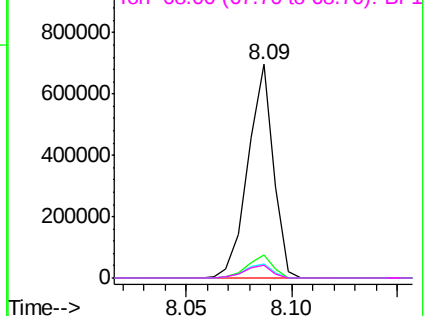
137 10.9 8.9 13.3

54 6.9 6.6 9.8

68 6.3 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

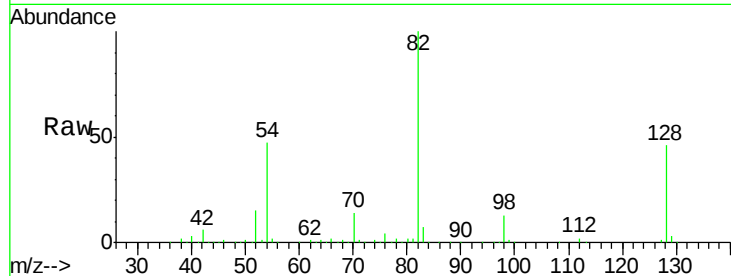




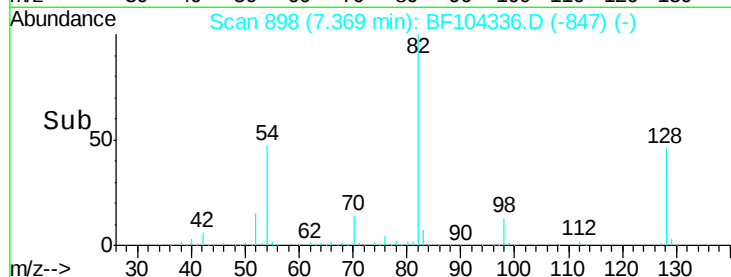
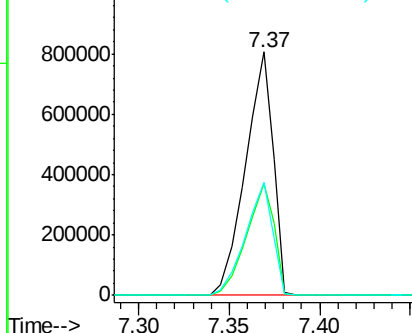
#23
Nitrobenzene-d5
Concen: 95.570 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104336.D
Acq: 7 Apr 2018 5:01

Instrument :
BNA_F
ClientSampleId :
PB108048BL

Tot Ion: 82 Resp: 852271
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 46.5 41.4 62.2

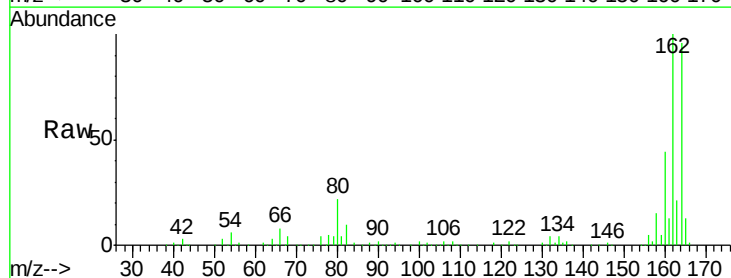


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

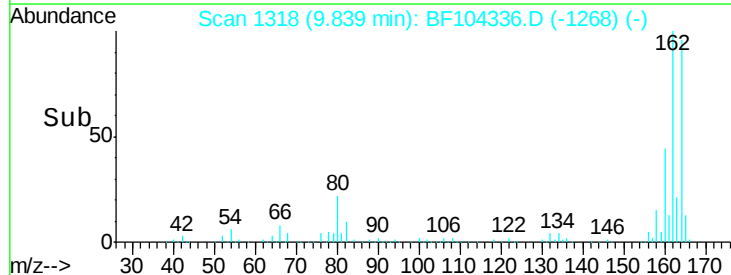
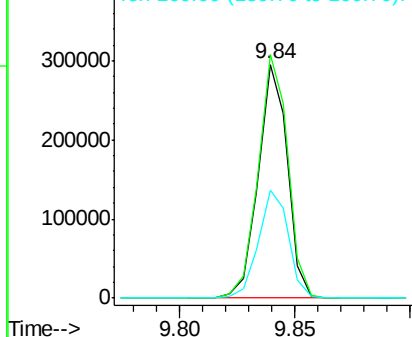


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104336.D
Acq: 7 Apr 2018 5:01

Tgt Ion: 164 Resp: 259245
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 46.1 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

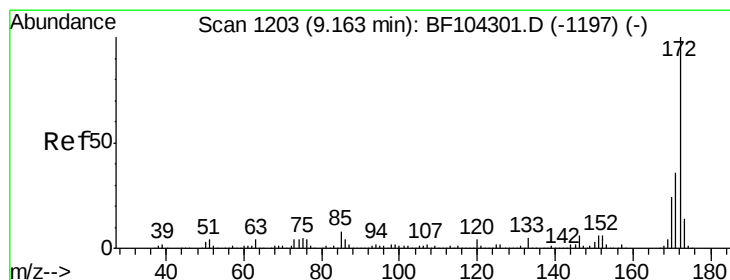
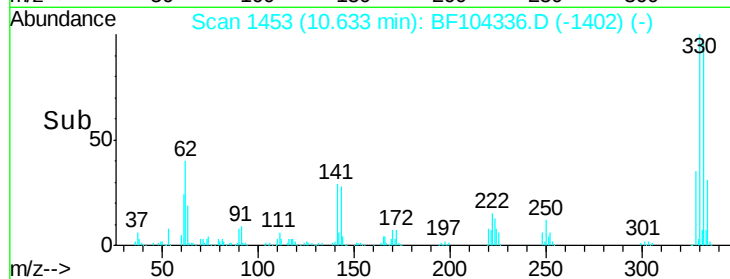
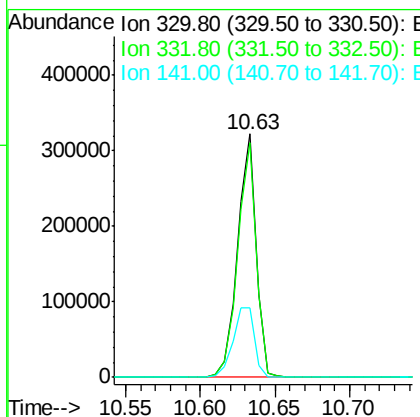
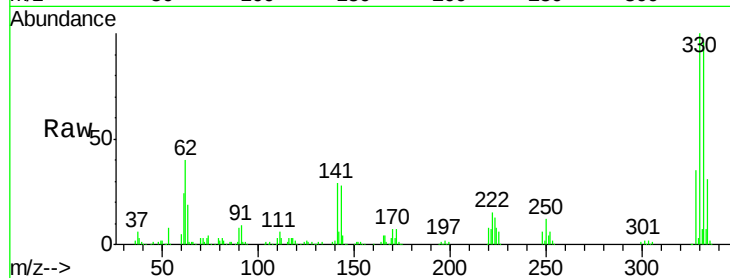




#41
 2,4,6-Tribromophenol
 Concen: 105.189 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF104336.D
 Acq: 7 Apr 2018 5:01

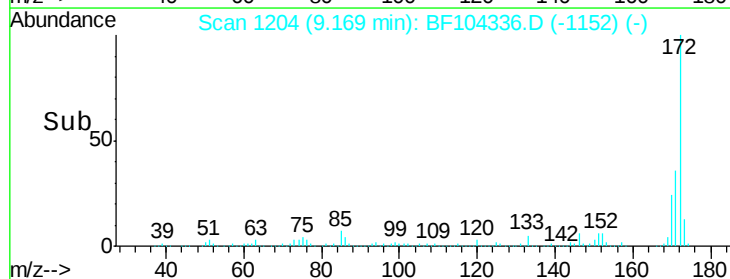
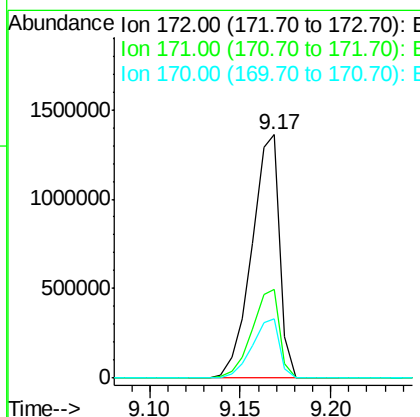
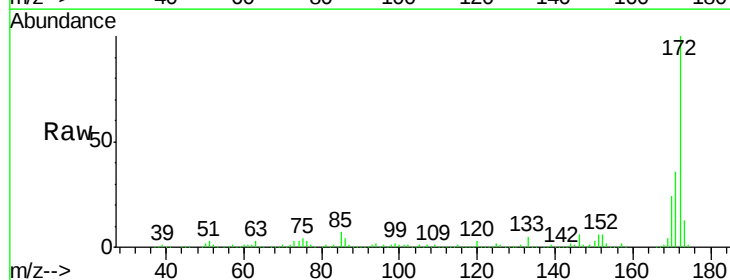
Instrument :
 BNA_F
 ClientSampleId :
 PB108048BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 88.522 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104336.D
 Acq: 7 Apr 2018 5:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4

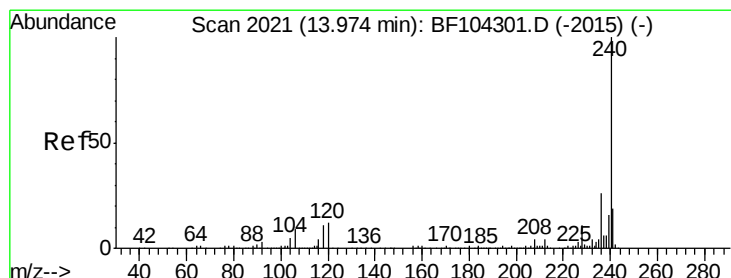
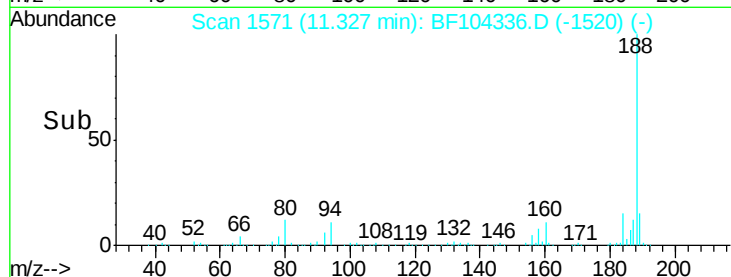
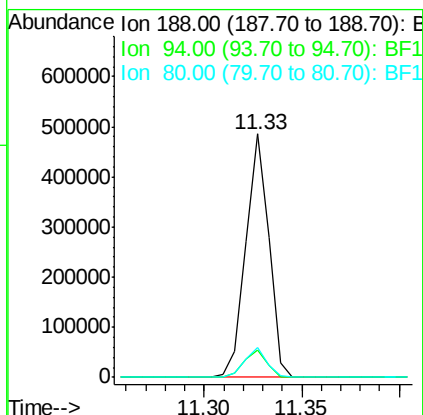
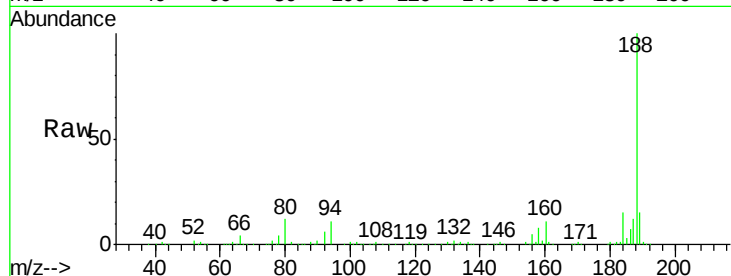




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104336.D
Acq: 7 Apr 2018 5:01

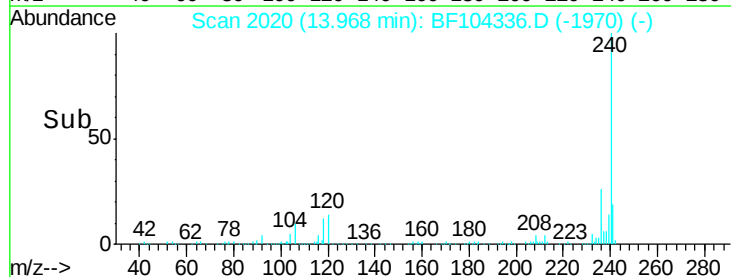
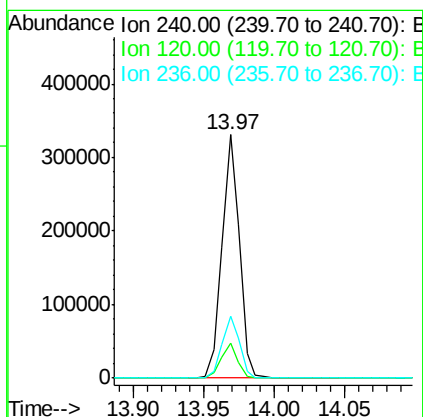
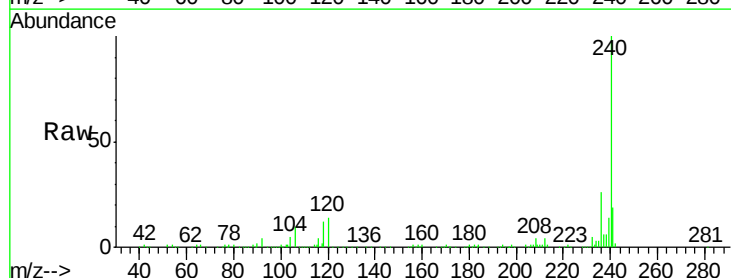
Instrument :
BNA_F
ClientSampleId :
PB108048BL

Tot Ion:188 Resp: 398398
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104336.D
Acq: 7 Apr 2018 5:01

Tgt Ion:240 Resp: 283039
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 87.174 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104336.D

Acq: 7 Apr 2018 5:01

Instrument :

BNA_F

ClientSampleId :

PB108048BL

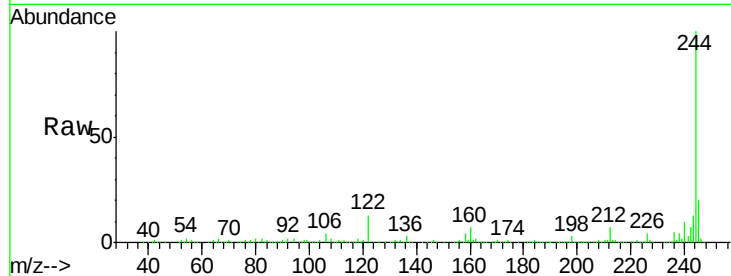
Tot Ion:244 Resp: 1082258

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

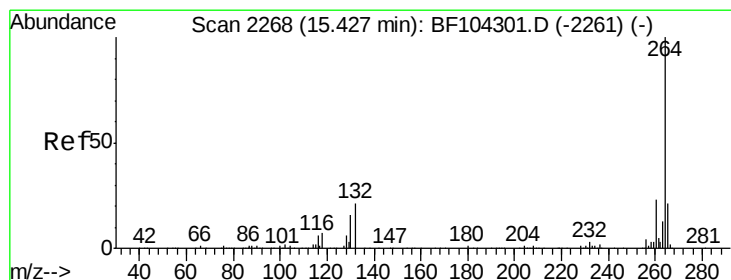
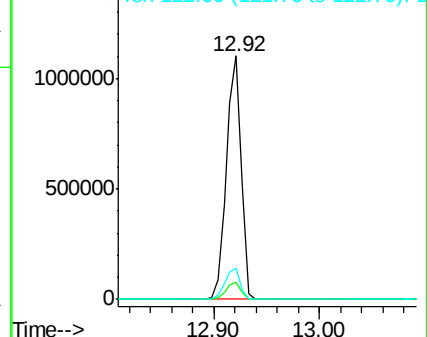
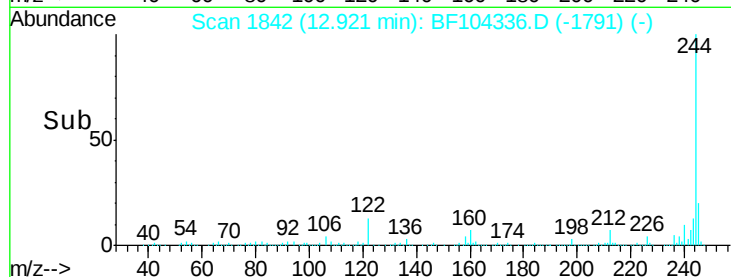
122 12.7 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BF104336.D

Acq: 7 Apr 2018 5:01

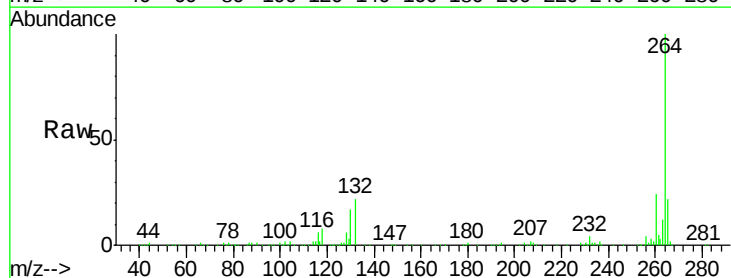
Tgt Ion:264 Resp: 256517

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.3 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

