

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF104998.D
 Acq On : 1 May 2018 21:39
 Operator : JU/SJ
 Sample : PB108628BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BL

Quant Time: May 02 07:34:27 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	118309	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	494466	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	221940	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	361902	20.00	ng	0.00
75) Chrysene-d12	14.00	240	232345	20.00	ng	0.03
86) Perylene-d12	15.54	264	205591	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	761659	98.44	ng	0.00
7) Phenol-d6	6.43	99	908783	95.59	ng	0.00
23) Nitrobenzene-d5	7.36	82	557048	73.56	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	199847	86.81	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1027436	73.13	ng	0.00
78) Terphenyl-d14	12.91	244	807887	79.27	ng	0.00

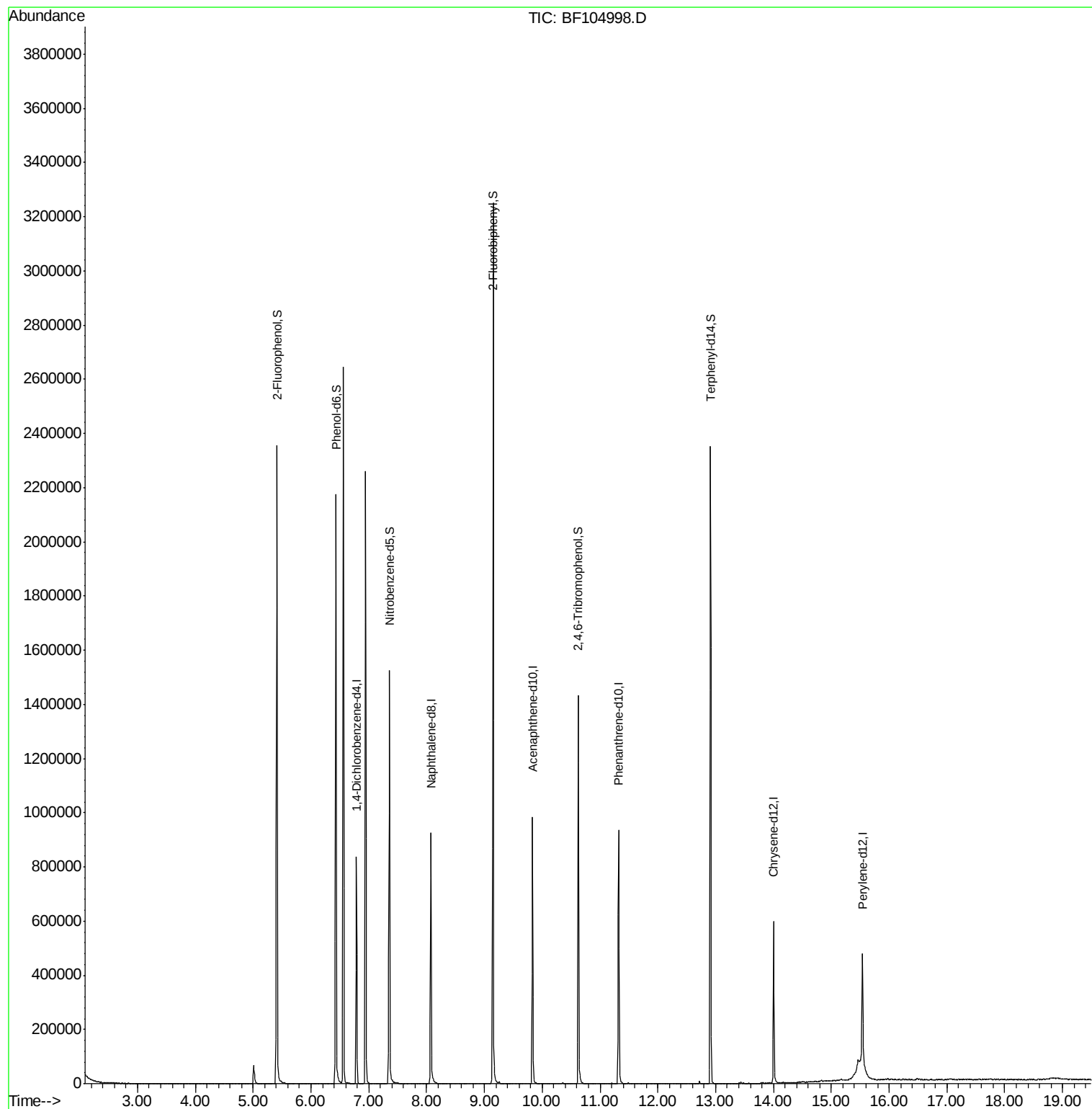
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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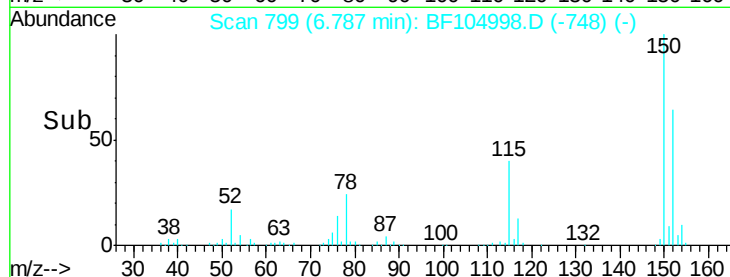
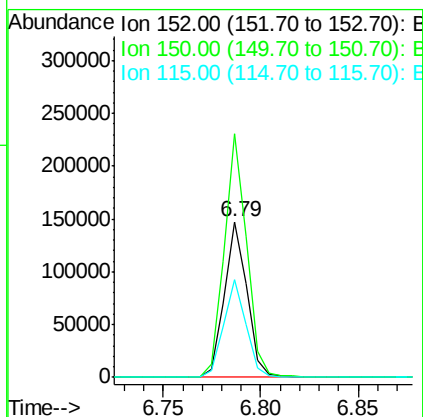
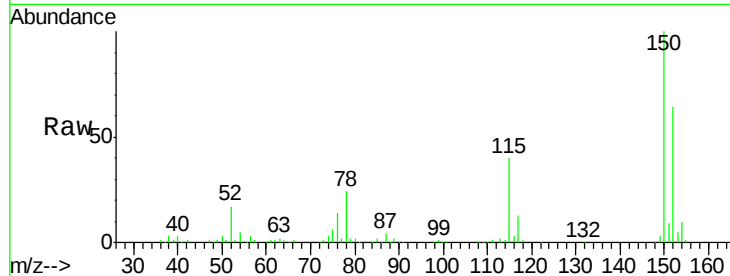


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF104998.D
Acq: 1 May 2018 21:39

Instrument :
BNA_F
ClientSampleId :
PB108628BL

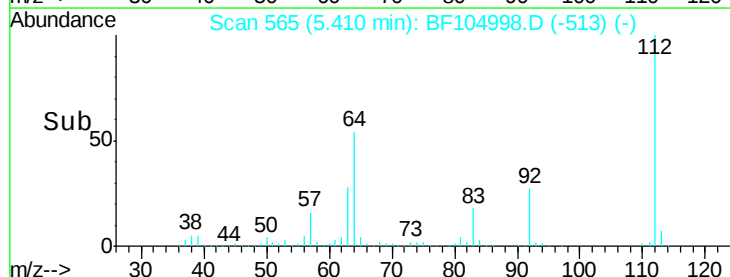
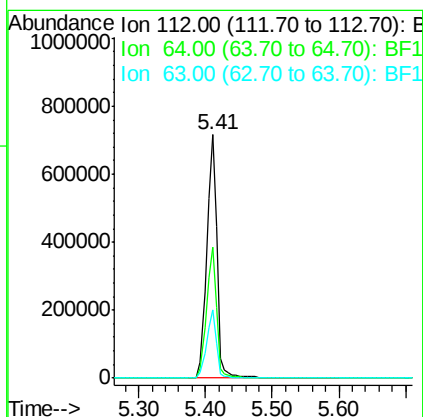
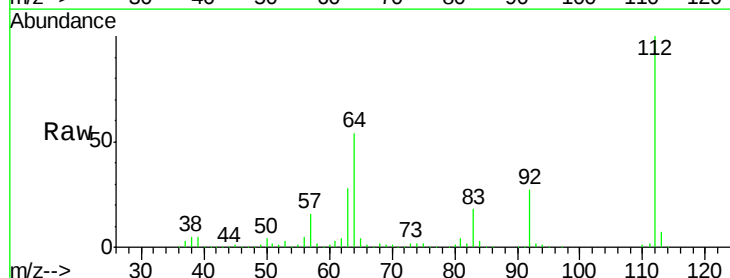
Tgt Ion:152 Resp: 118309
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 62.6 50.1 75.1

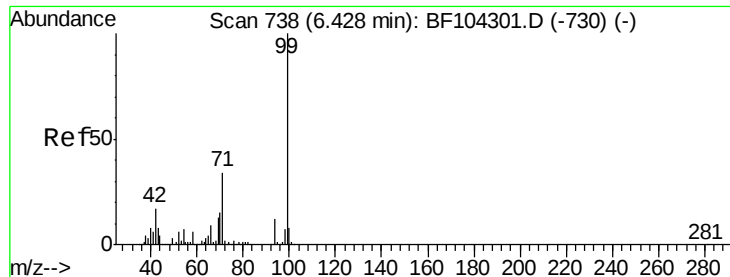


#5

2-Fluorophenol
Concen: 98.439 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104998.D
Acq: 1 May 2018 21:39

Tgt Ion:112 Resp: 761659
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 27.9 23.7 35.5





#7

Phenol-d6

Concen: 95.594 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF104998.D

Acq: 1 May 2018 21:39

Instrument :

BNA_F

ClientSampleId :

PB108628BL

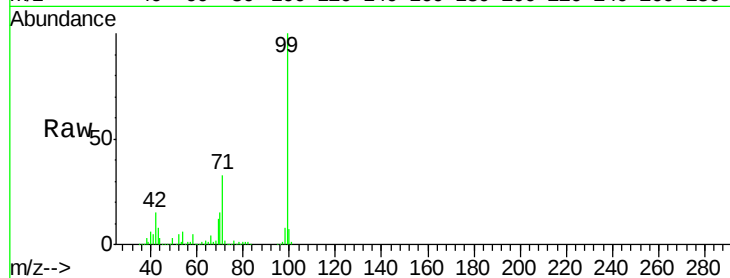
Tgt Ion: 99 Resp: 908783

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

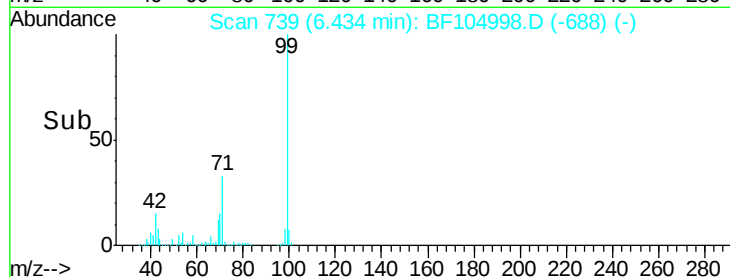
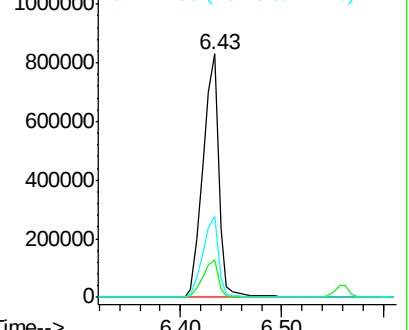
71 33.2 25.4 38.0



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: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF104998.D

Acq: 1 May 2018 21:39

Tgt Ion: 136 Resp: 494466

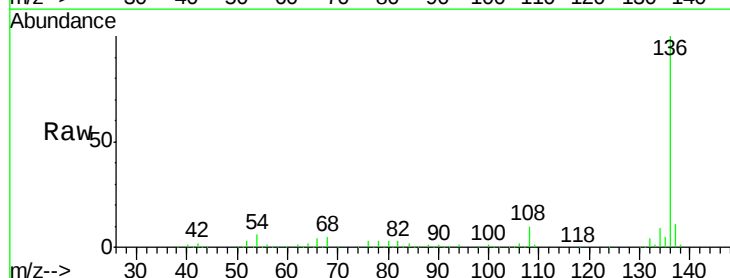
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.0 6.6 9.8#

68 5.4 5.0 7.4

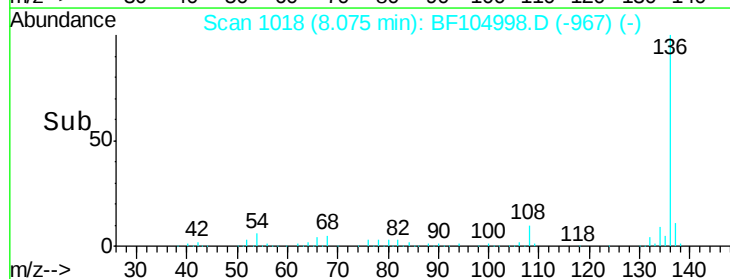
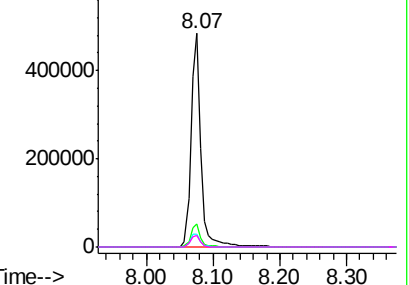


Abundance Ion 136.00 (135.70 to 136.70): E

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

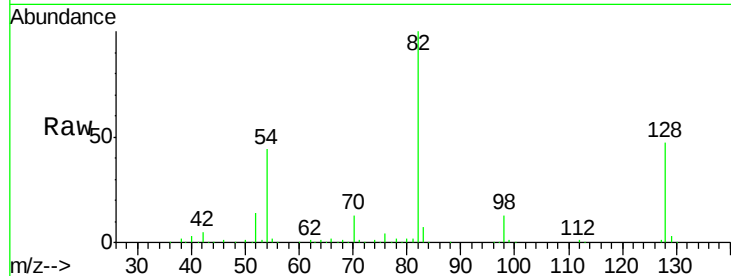




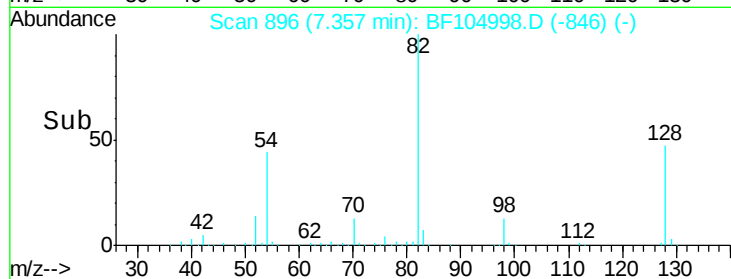
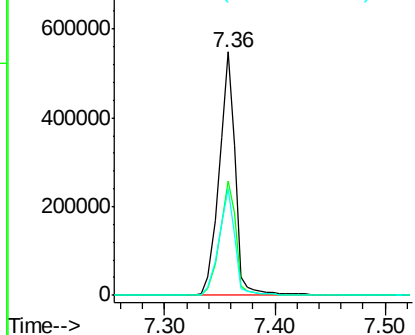
#23
 Nitrobenzene-d5
 Concen: 73.563 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

Instrument :
 BNA_F
 ClientSampleId :
 PB108628BL

Tgt Ion: 82 Resp: 557048
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 43.7 41.4 62.2

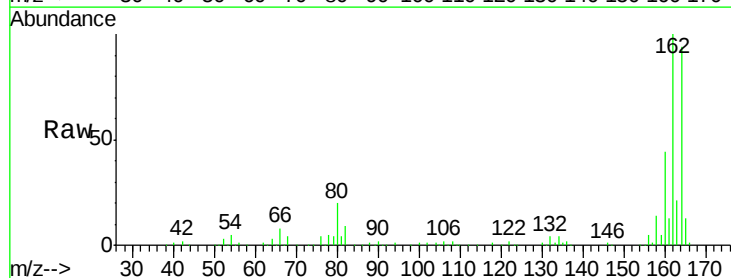


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

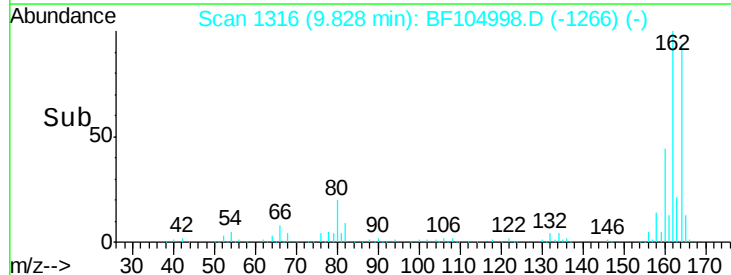
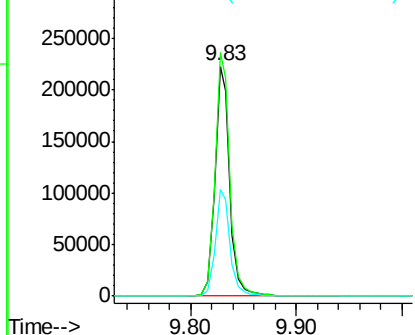


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

Tgt Ion: 164 Resp: 221940
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 46.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

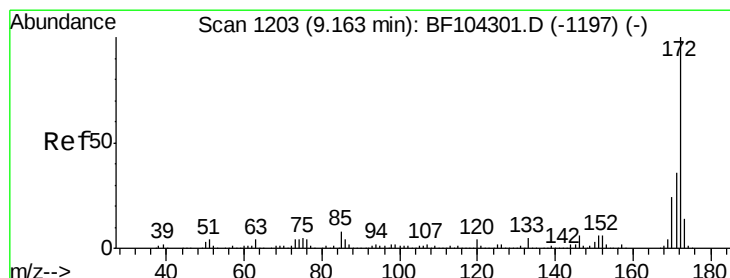
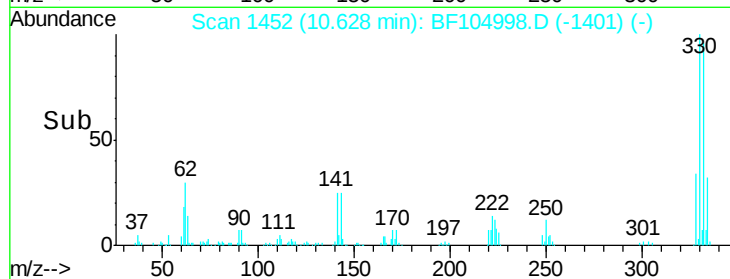
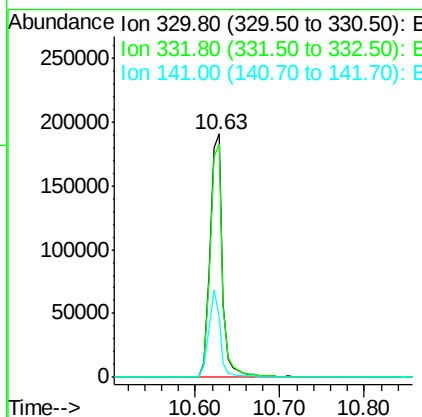
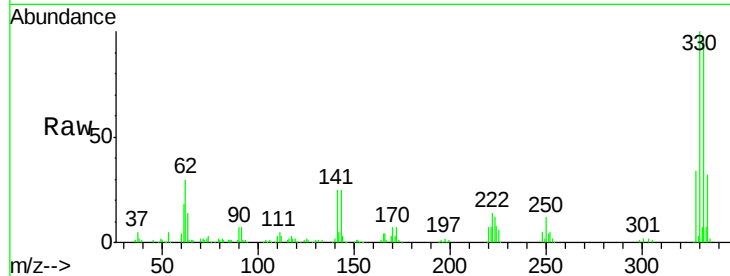




#41
 2,4,6-Tribromophenol
 Concen: 86.805 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

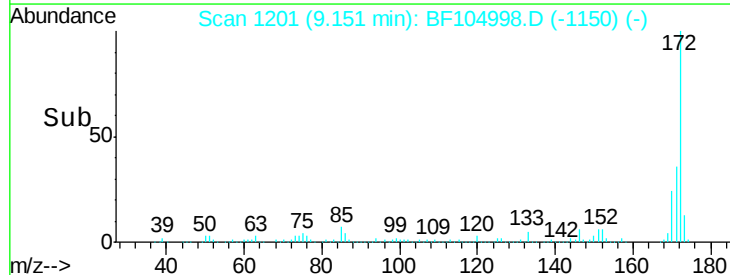
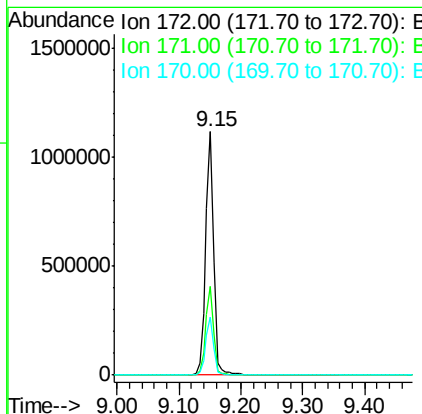
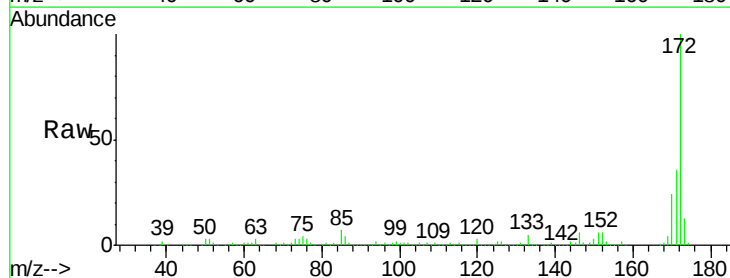
Instrument :
 BNA_F
 ClientSampleId :
 PB108628BL

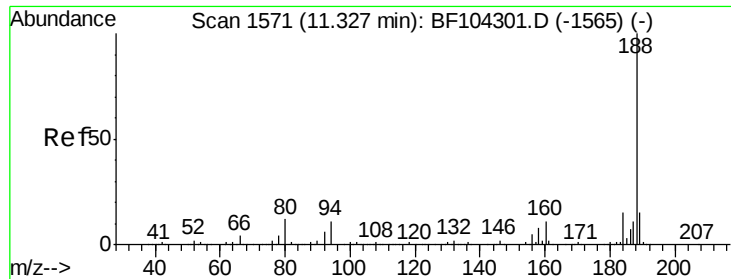
Tgt Ion:330 Resp: 199847
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 32.9 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 73.132 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF104998.D
 Acq: 1 May 2018 21:39

Tgt Ion:172 Resp: 1027436
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.9 19.6 29.4

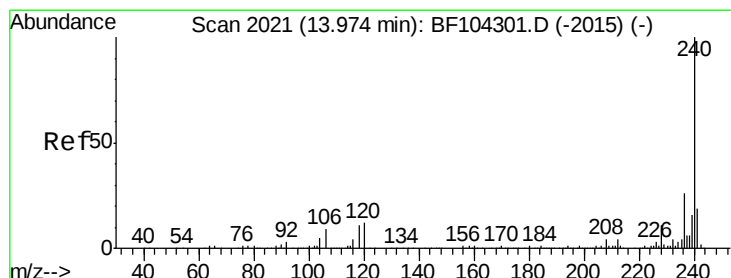
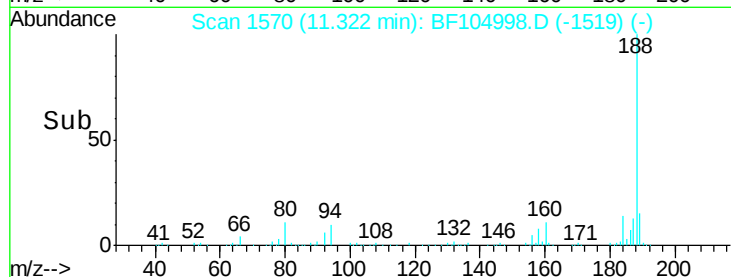
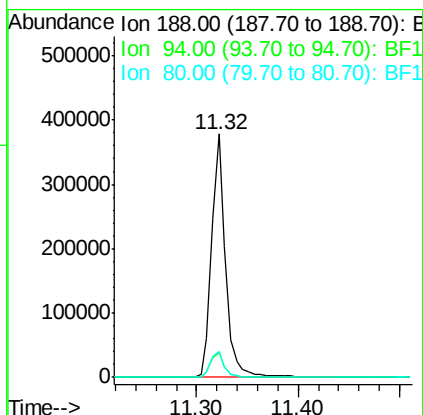
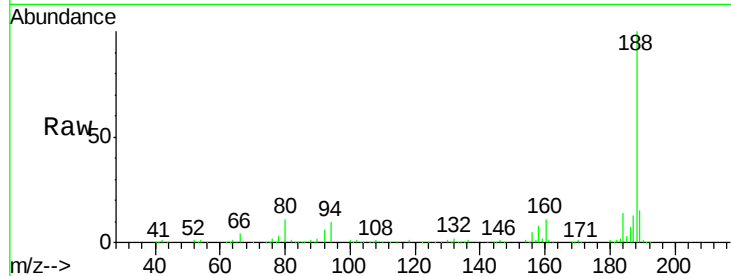




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF104998.D
Acq: 1 May 2018 21:39

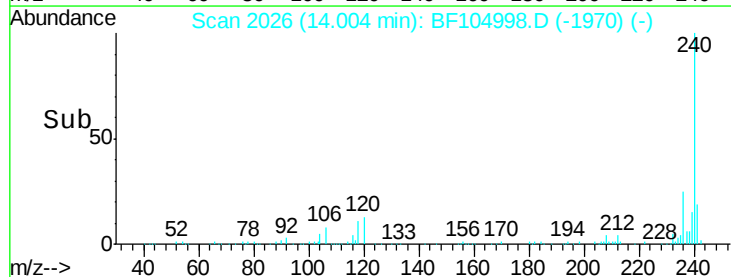
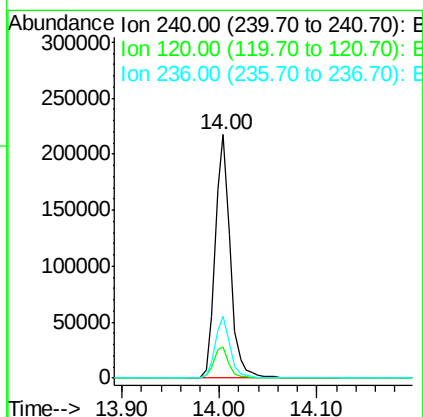
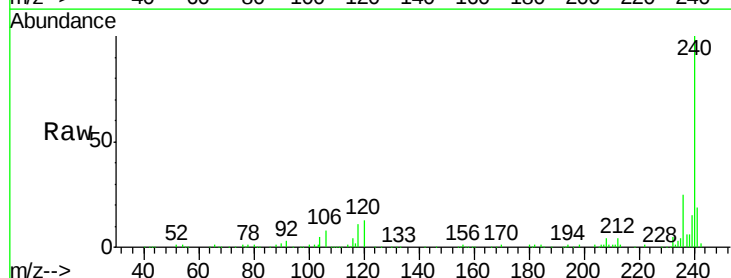
Instrument :
BNA_F
ClientSampleId :
PB108628BL

Tgt Ion:188 Resp: 361902
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BF104998.D
Acq: 1 May 2018 21:39

Tgt Ion:240 Resp: 232345
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.4 20.7 31.1





#78

Terphenyl-d14

Concen: 79.272 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF104998.D

Acq: 1 May 2018 21:39

Instrument :

BNA_F

ClientSampled :

PB108628BL

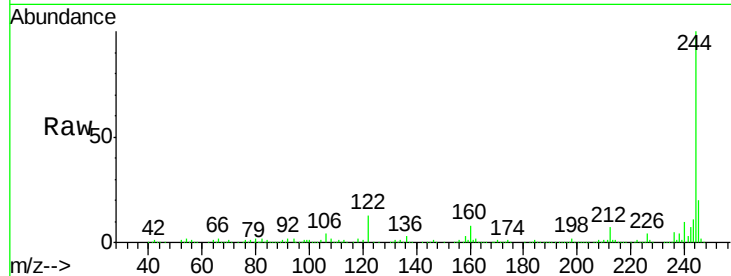
Tgt Ion:244 Resp: 807887

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

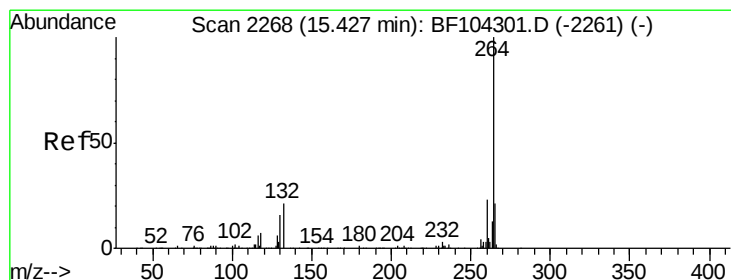
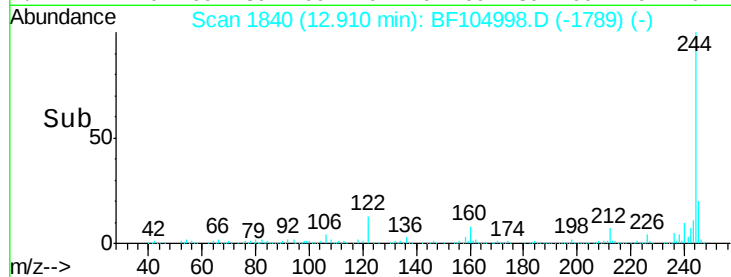
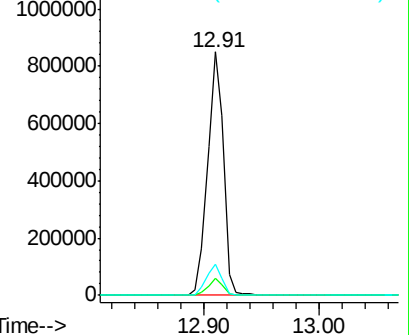
122 12.8 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. 0.11 min

Lab File: BF104998.D

Acq: 1 May 2018 21:39

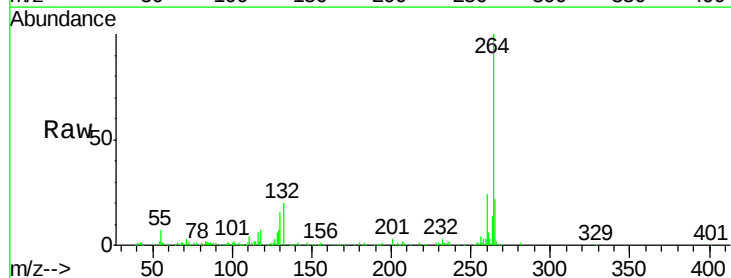
Tgt Ion:264 Resp: 205591

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 22.2 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

