

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105018.D
 Acq On : 2 May 2018 8:13
 Operator : JU/SJ
 Sample : PB108770BL
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BL

Quant Time: May 02 09:04:20 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	114076	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	491958	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	226936	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	388499	20.00	ng	0.00
75) Chrysene-d12	14.01	240	258587	20.00	ng	0.04
86) Perylene-d12	15.56	264	226442	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	580915	77.86	ng	0.00
7) Phenol-d6	6.43	99	693214	75.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	612031	81.24	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	166060	70.54	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1126142	78.39	ng	0.00
78) Terphenyl-d14	12.91	244	960105	84.65	ng	0.00

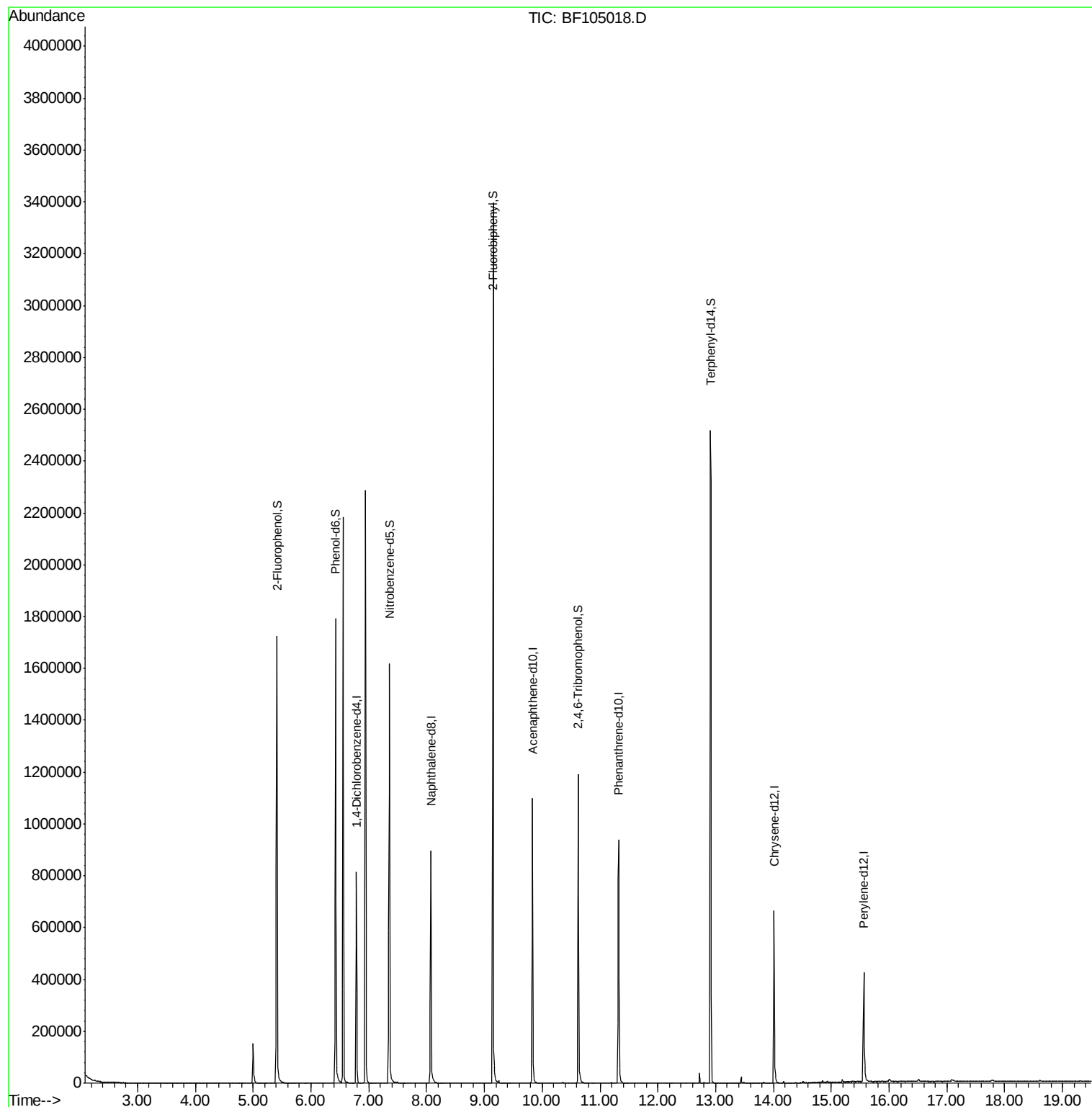
Target Compounds	Qvalue
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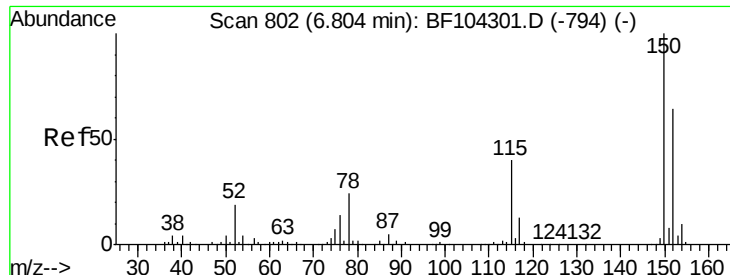
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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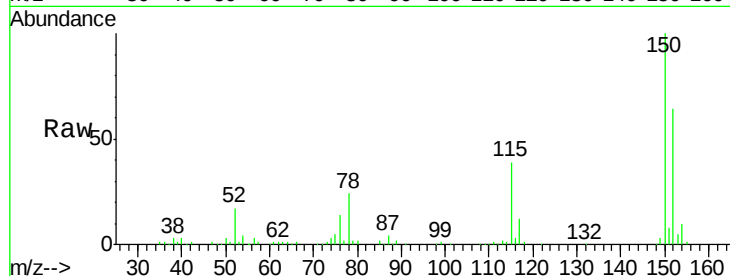




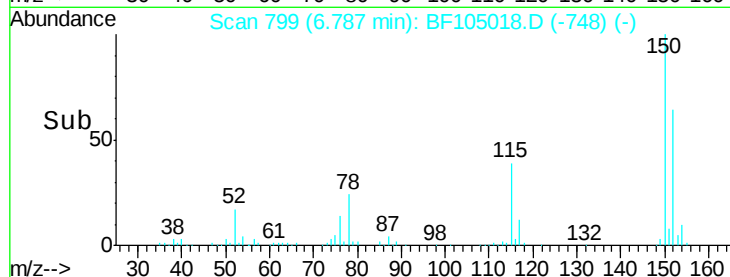
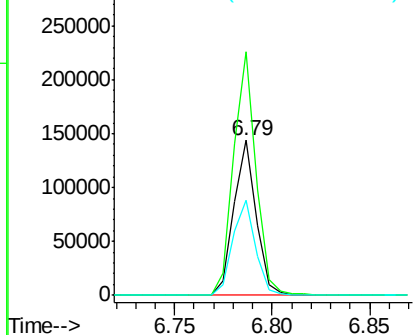
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF105018.D
 Acq: 2 May 2018 8:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BL

Tgt Ion:152 Resp: 114076
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.6 186.8
 115 61.8 50.1 75.1

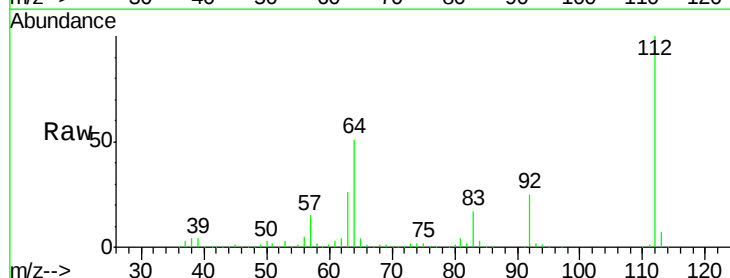


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

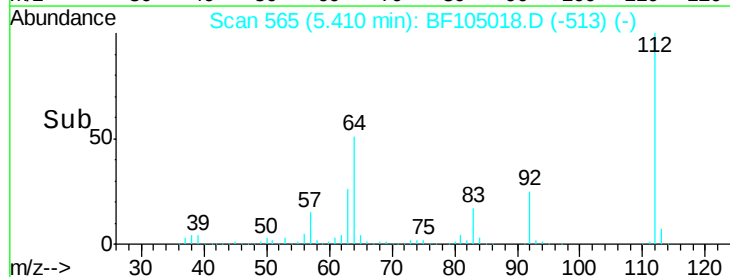
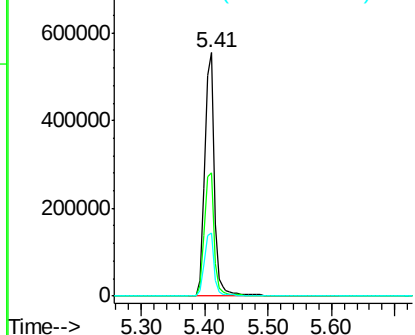


#5
 2-Fluorophenol
 Concen: 77.865 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF105018.D
 Acq: 2 May 2018 8:13

Tgt Ion:112 Resp: 580915
 Ion Ratio Lower Upper
 112 100
 64 50.7 47.9 71.9
 63 25.7 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: 75.624 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF105018.D

Acq: 2 May 2018 8:13

Instrument :

BNA_F

ClientSampleId :

PB108770BL

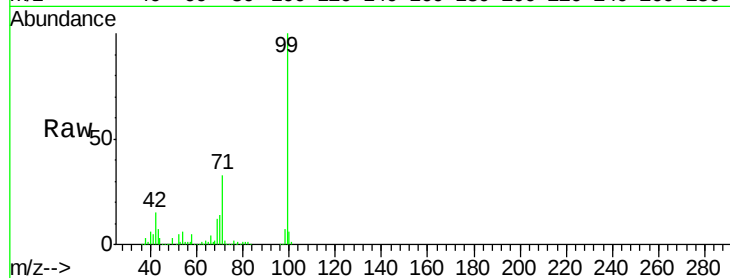
Tgt Ion: 99 Resp: 693214

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

71 33.0 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

800000

600000

400000

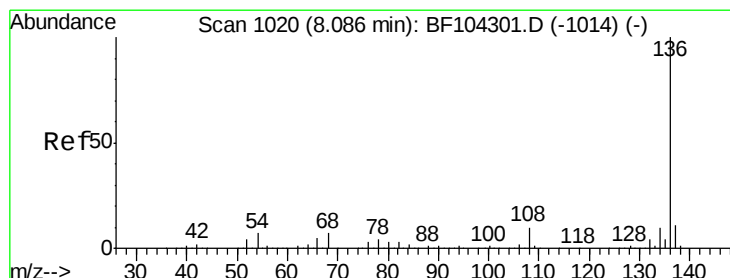
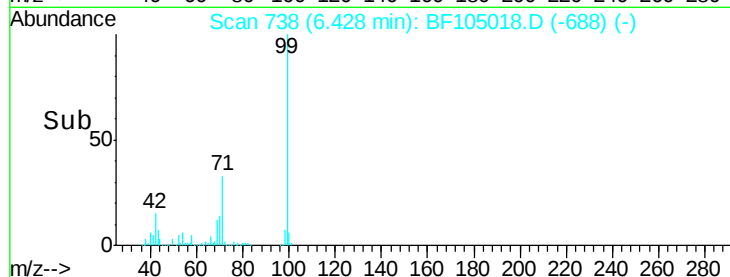
200000

0

6.43

6.50

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BF105018.D

Acq: 2 May 2018 8:13

Tgt Ion: 136 Resp: 491958

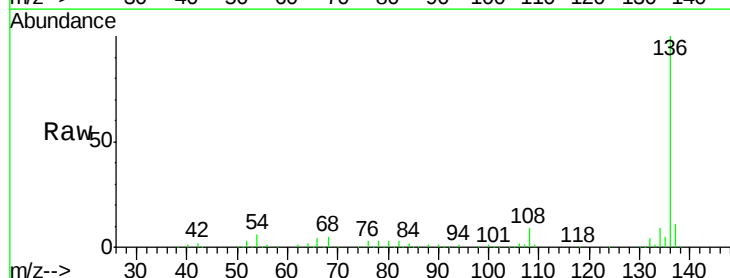
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.1 6.6 9.8#

68 5.0 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

600000

400000

200000

0

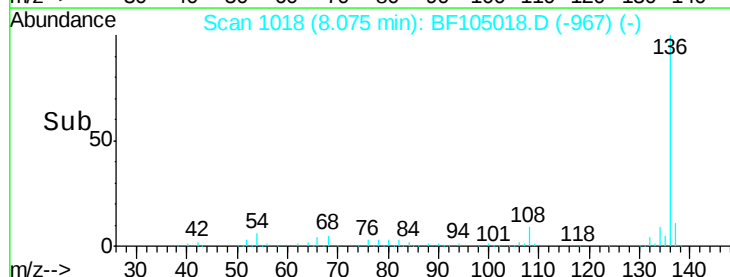
8.07

8.10

8.20

8.30

Time-->

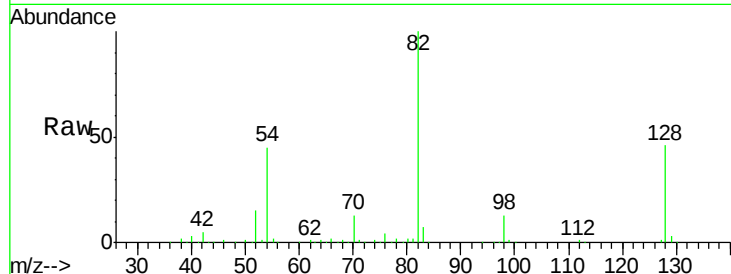




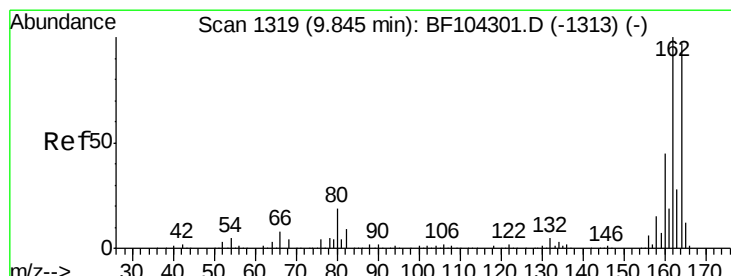
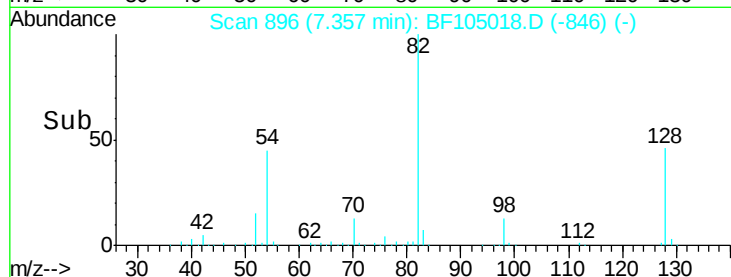
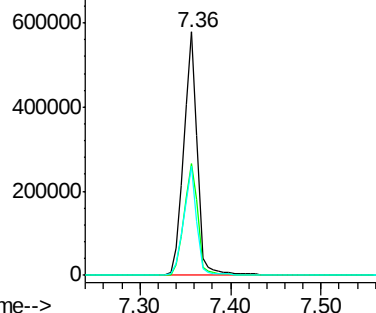
#23
 Nitrobenzene-d5
 Concen: 81.235 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF105018.D
 Acq: 2 May 2018 8:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108770BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	44.7	41.4	62.2

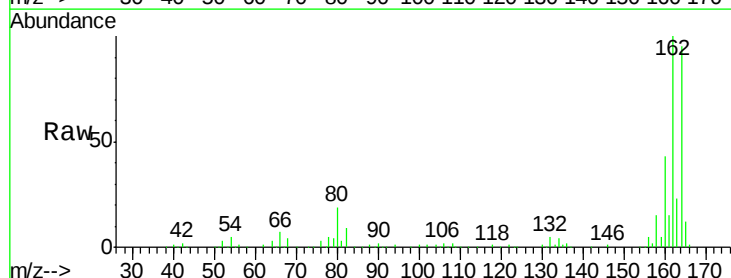


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

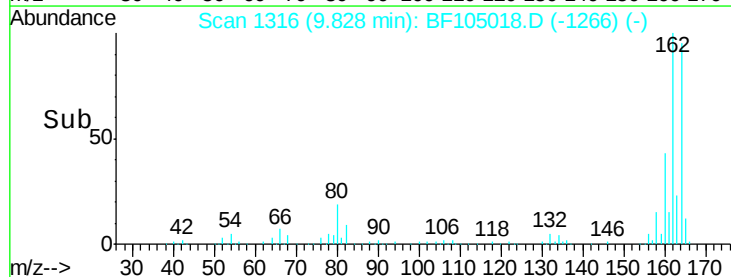
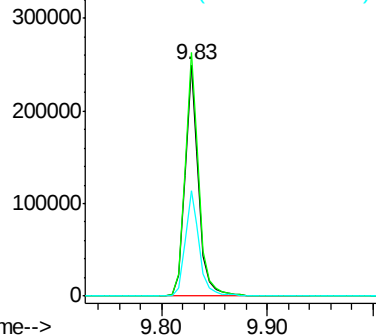


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF105018.D
 Acq: 2 May 2018 8:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	45.4	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

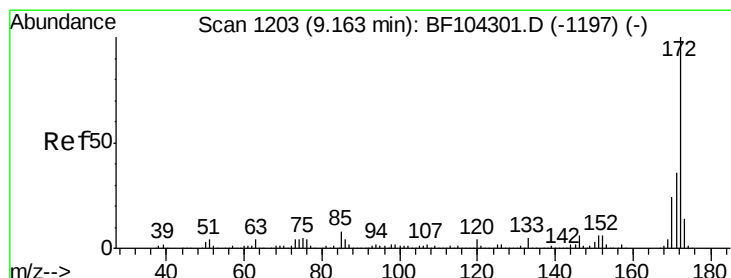
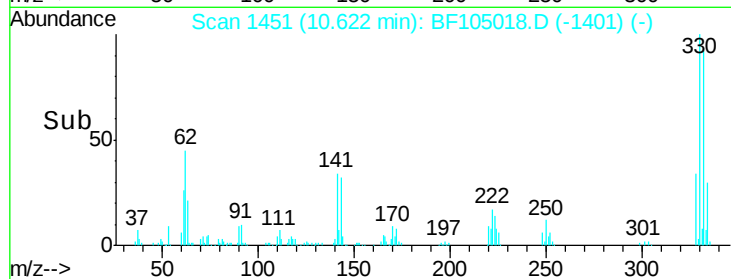
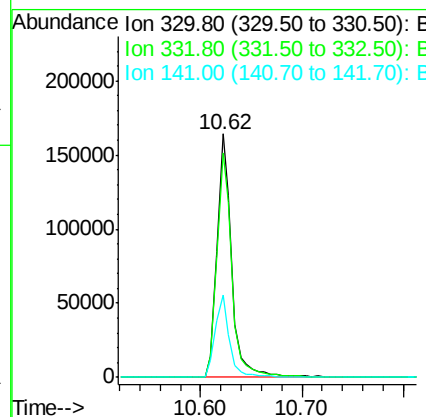
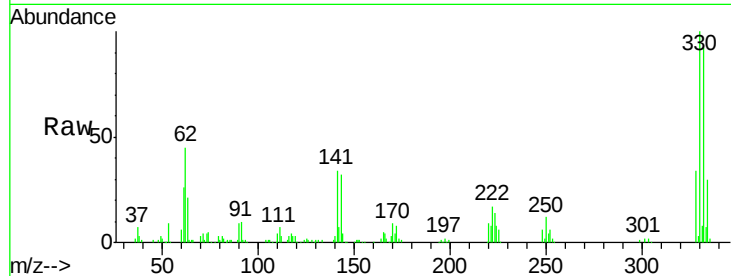




#41
 2,4,6-Tribromophenol
 Concen: 70.542 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105018.D
 Acq: 2 May 2018 8:13

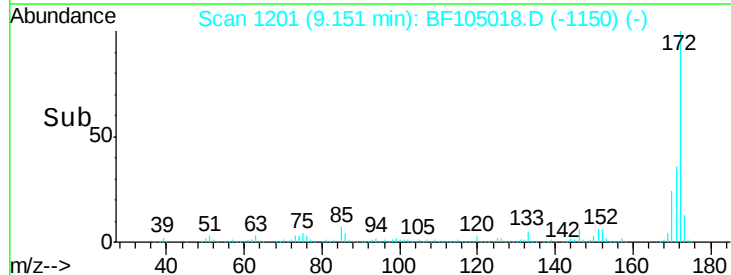
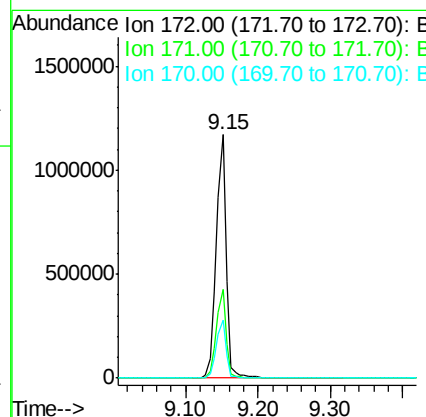
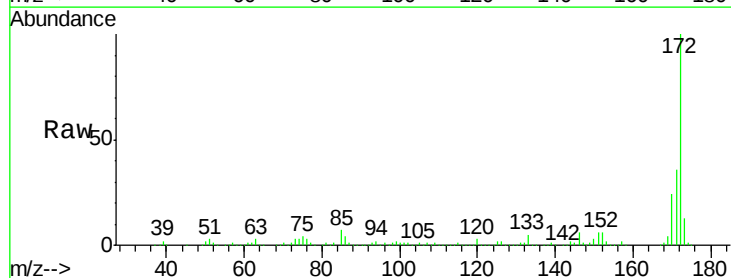
Instrument :
 BNA_F
 ClientSampleId :
 PB108770BL

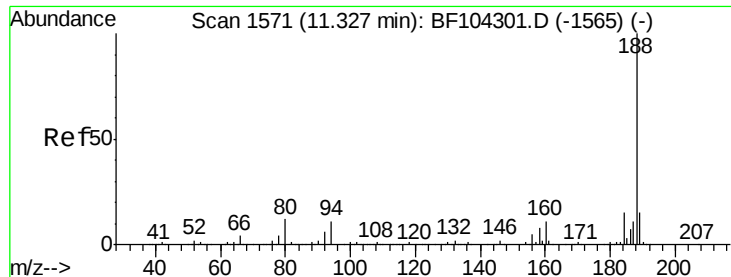
Tgt Ion:330 Resp: 166060
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 32.9 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 78.393 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105018.D
 Acq: 2 May 2018 8:13

Tgt Ion:172 Resp: 1126142
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.0 19.6 29.4

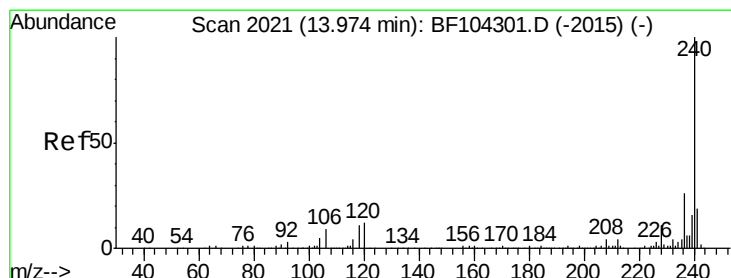
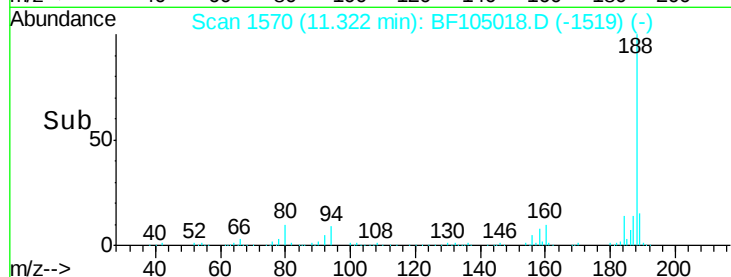
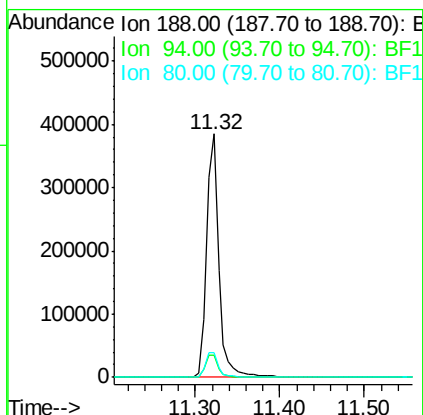
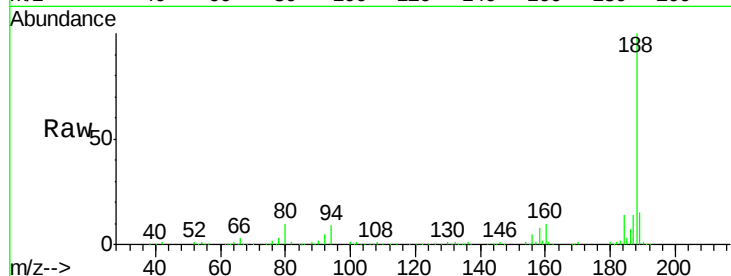




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105018.D
Acq: 2 May 2018 8:13

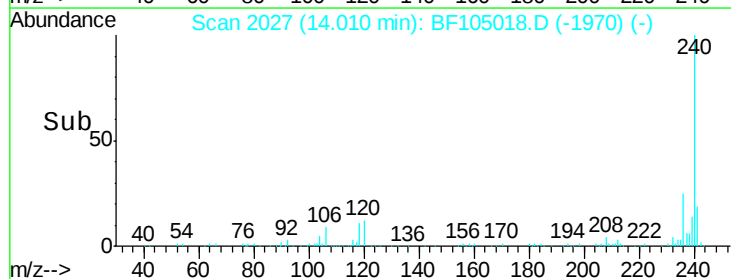
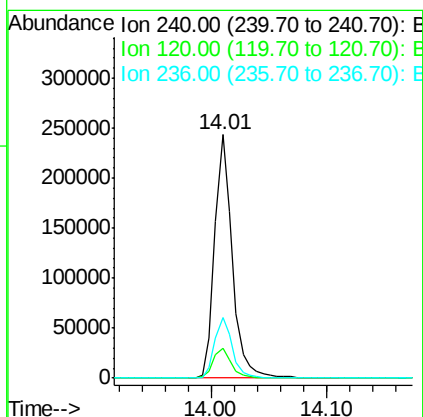
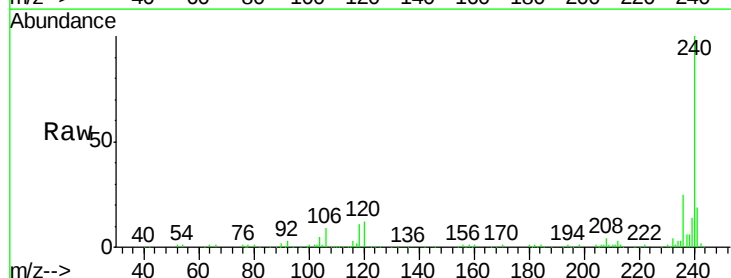
Instrument :
BNA_F
ClientSampleId :
PB108770BL

Tgt Ion:188 Resp: 388499
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.04 min
Lab File: BF105018.D
Acq: 2 May 2018 8:13

Tgt Ion:240 Resp: 258587
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.1 20.7 31.1





#78

Terphenyl-d14

Concen: 84.648 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF105018.D

Acq: 2 May 2018 8:13

Instrument :

BNA_F

ClientSampleId :

PB108770BL

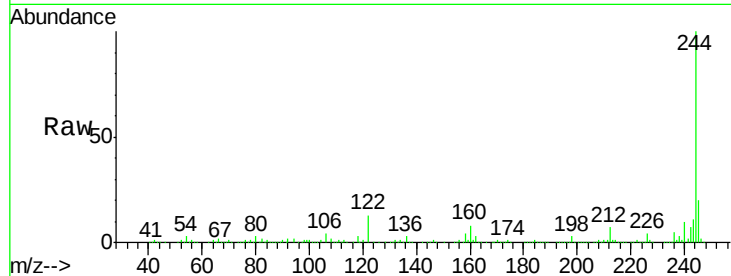
Tgt Ion:244 Resp: 960105

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

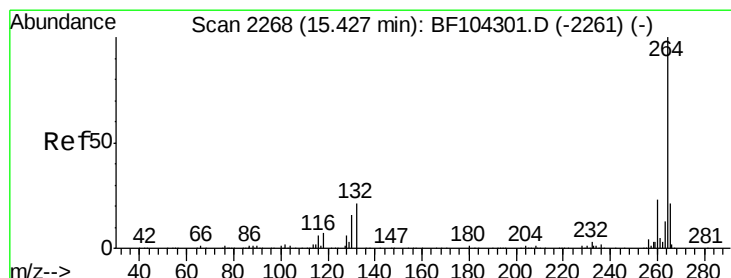
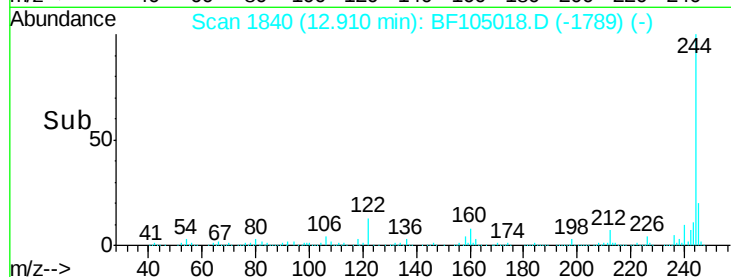
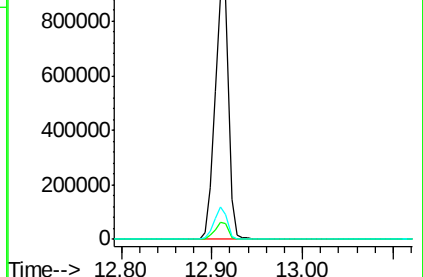
122 13.3 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. 0.13 min

Lab File: BF105018.D

Acq: 2 May 2018 8:13

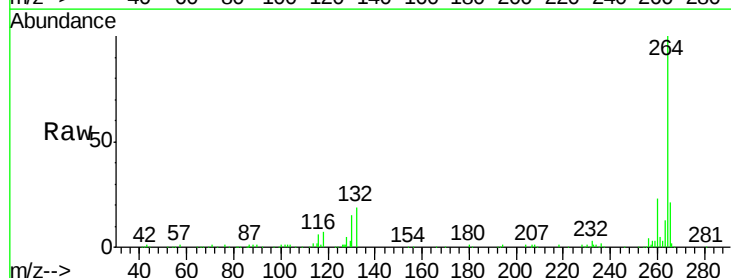
Tgt Ion:264 Resp: 226442

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.2 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

