

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
 Data File : BF104441.D
 Acq On : 11 Apr 2018 16:35
 Operator : JU/SJ
 Sample : PB108147BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BL

Quant Time: Apr 11 18:47:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

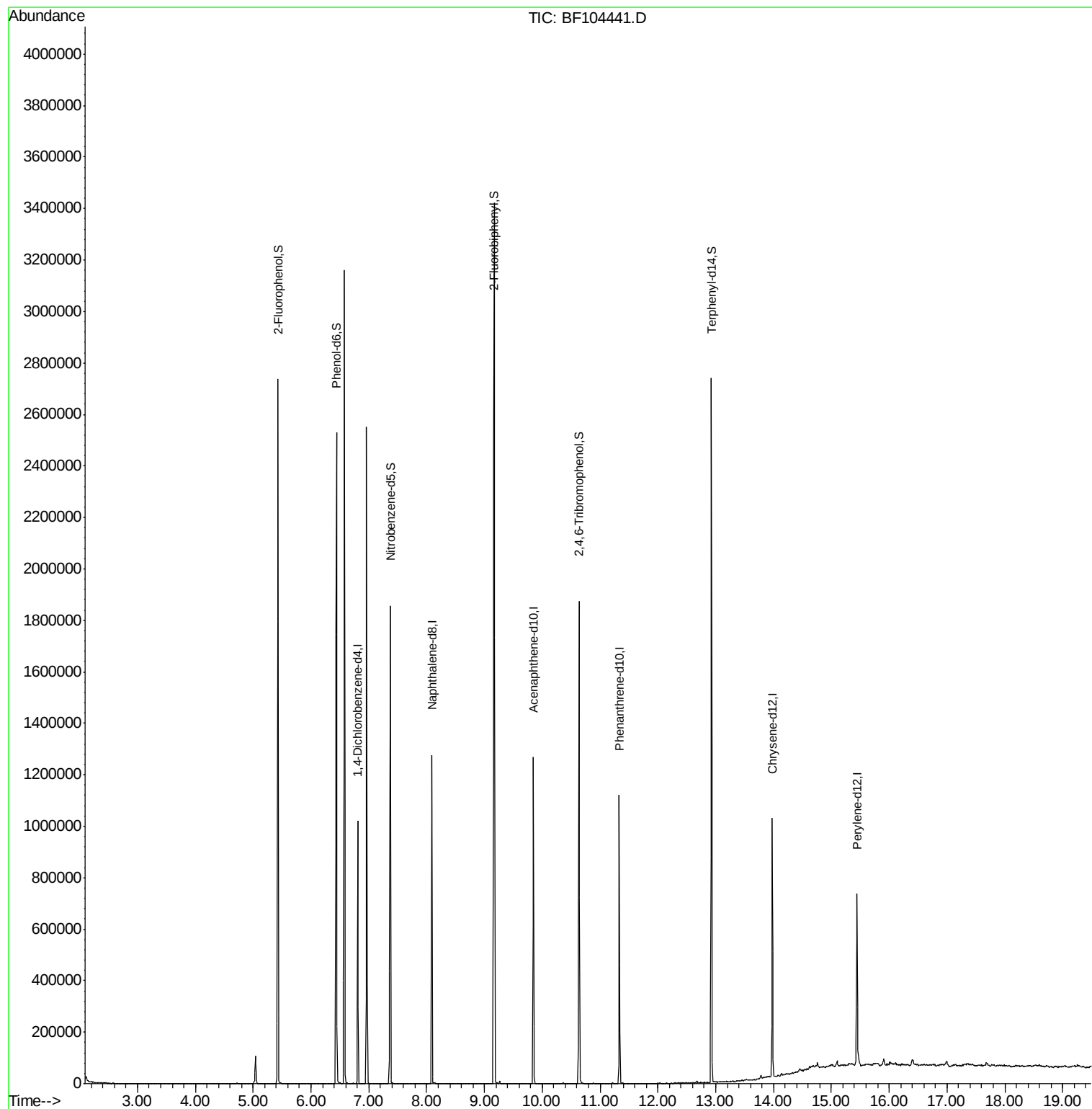
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	143545	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	573412	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	250641	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	404342	20.00	ng	0.00
75) Chrysene-d12	13.98	240	304481	20.00	ng	0.00
86) Perylene-d12	15.44	264	294472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	908677	96.79	ng	0.02
7) Phenol-d6	6.45	99	1087914	94.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	668333	76.11	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	230964	88.83	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1153876	72.73	ng	0.00
78) Terphenyl-d14	12.93	244	913168	68.37	ng	0.00
Target Compounds						
76) Benzidine	12.67	184	4829	Below Cal	Qvalue #	92

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041118\
Data File : BF104441.D
Acq On : 11 Apr 2018 16:35
Operator : JU/SJ
Sample : PB108147BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB108147BL

Quant Time: Apr 11 18:47:19 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 11 13:19:22 2018
Response via : Initial Calibration



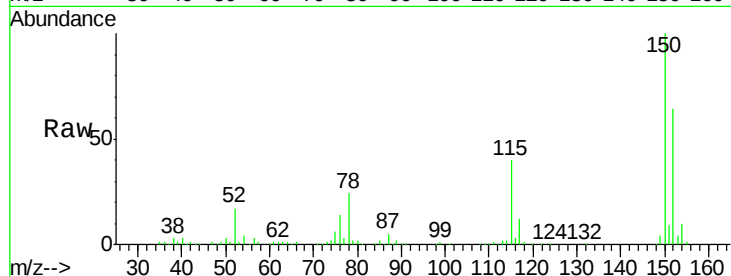


#1

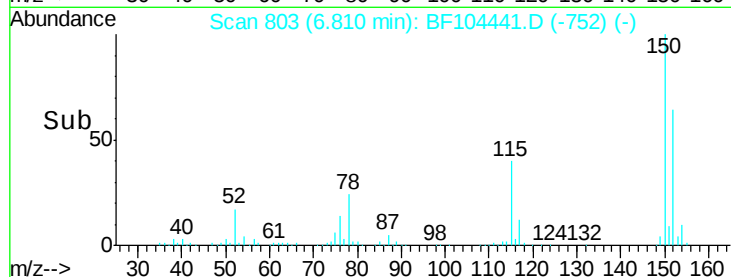
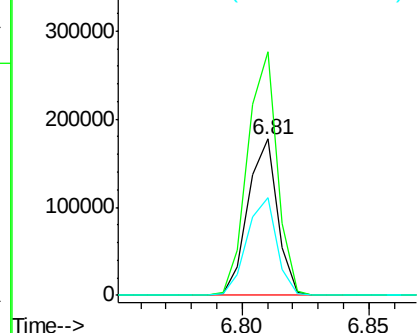
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF104441.D
Acq: 11 Apr 2018 16:35

Instrument :
BNA_F
ClientSampleId :
PB108147BL

Tot Ion:152 Resp: 143545
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 62.6 50.1 75.1



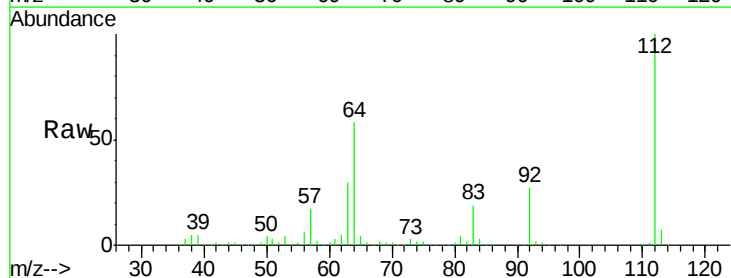
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



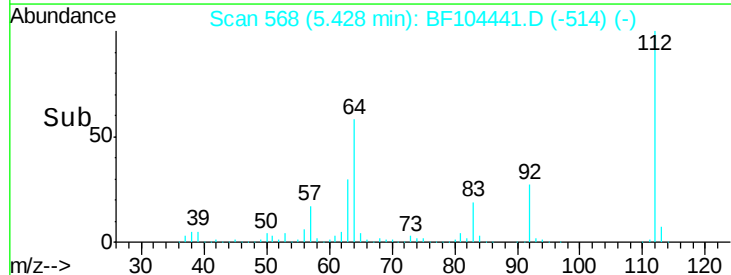
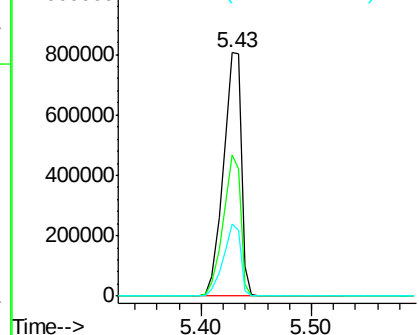
#5

2-Fluorophenol
Concen: 96.793 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF104441.D
Acq: 11 Apr 2018 16:35

Tgt Ion:112 Resp: 908677
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.7 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: 94.318 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF104441.D

Acq: 11 Apr 2018 16:35

Instrument :

BNA_F

ClientSampleId :

PB108147BL

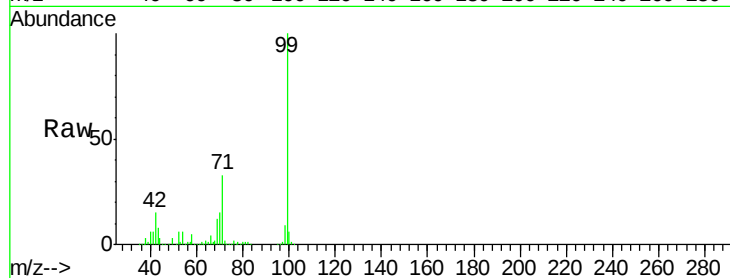
Tot Ion: 99 Resp: 1087914

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

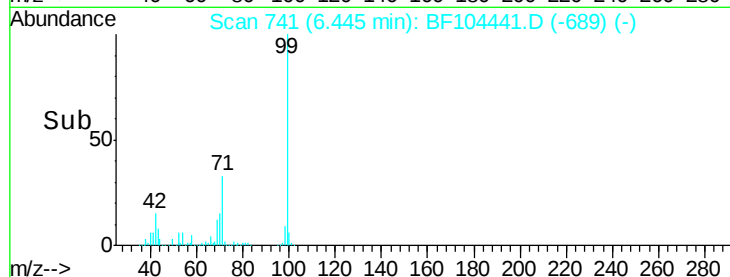
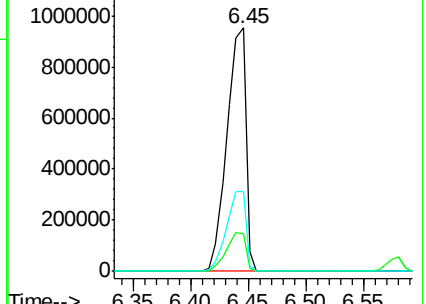
71 32.7 25.4 38.0



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# 1021

Delta R.T. 0.00 min

Lab File: BF104441.D

Acq: 11 Apr 2018 16:35

Tgt Ion: 136 Resp: 573412

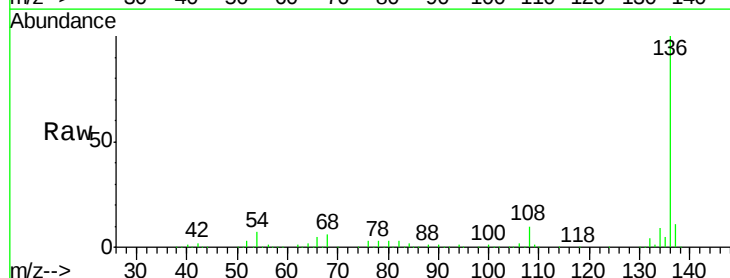
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.7 6.6 9.8

68 5.7 5.0 7.4

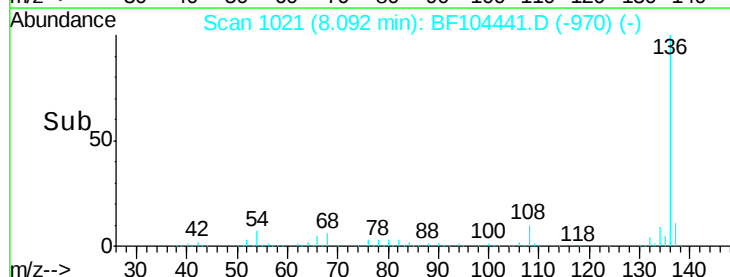
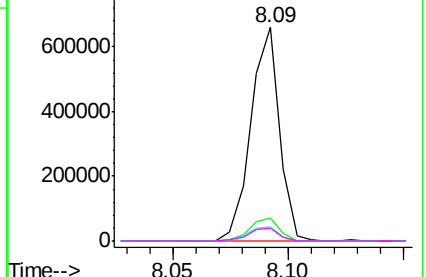


Abundance Ion 136.00 (135.70 to 136.70): E

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

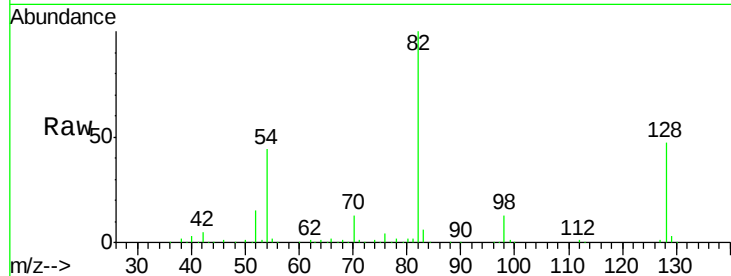




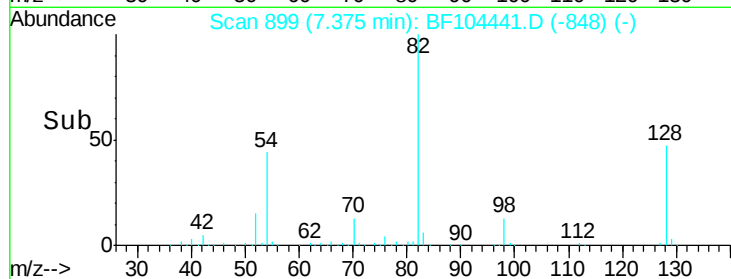
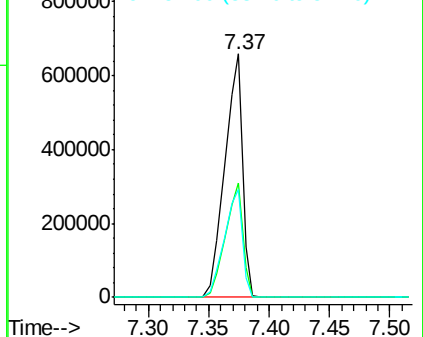
#23
 Nitrobenzene-d5
 Concen: 76.107 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF104441.D
 Acq: 11 Apr 2018 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BL

Tot Ion	82	Resp	668333
Ion Ratio	100	Lower	Upper
128	47.0	36.1	54.1
54	44.3	41.4	62.2

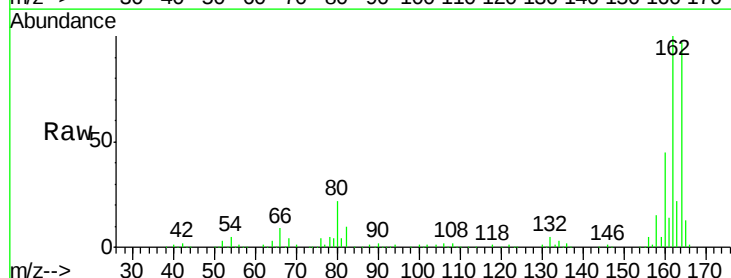


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

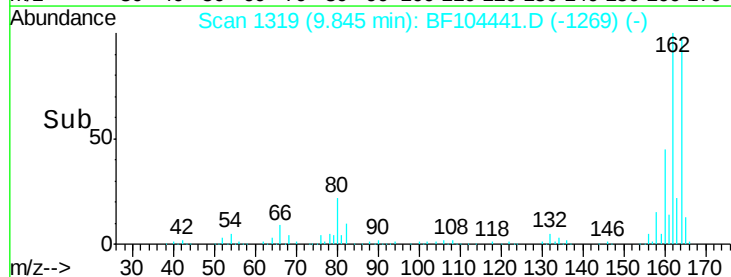
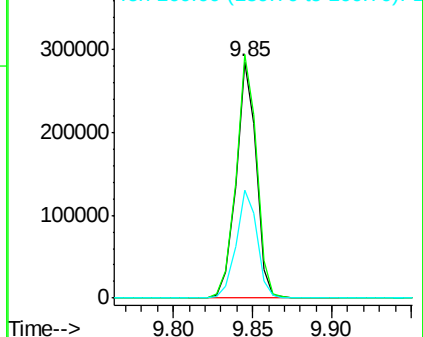


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF104441.D
 Acq: 11 Apr 2018 16:35

Tgt Ion	164	Resp	250641
Ion Ratio	100	Lower	Upper
162	103.2	86.1	129.1
160	46.0	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: 88.833 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF104441.D

Acq: 11 Apr 2018 16:35

Instrument :

BNA_F

ClientSampleId :

PB108147BL

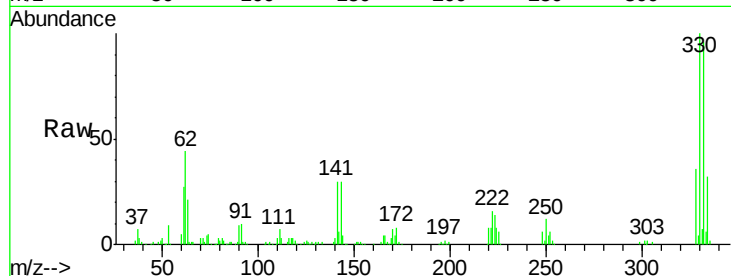
Tot Ion:330 Resp: 230964

Ion Ratio Lower Upper

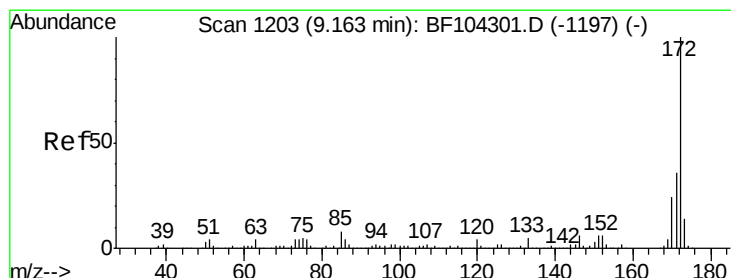
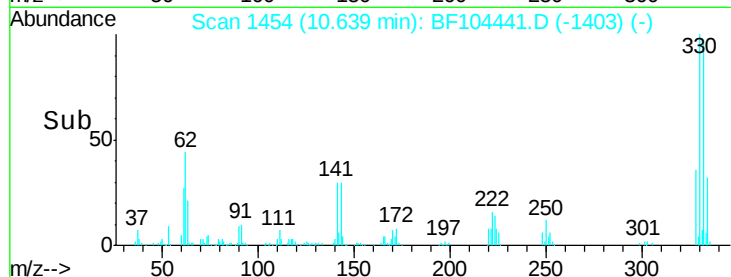
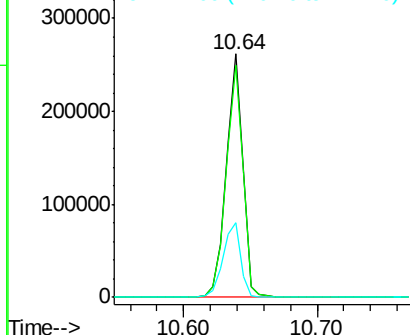
330 100

332 97.2 77.0 115.6

141 32.6 29.9 44.9



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



#44

2-Fluorobiphenyl

Concen: 72.727 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF104441.D

Acq: 11 Apr 2018 16:35

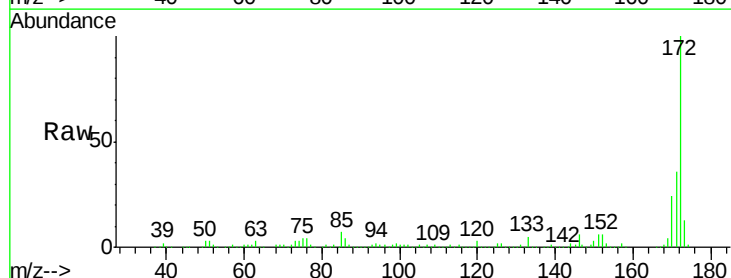
Tgt Ion:172 Resp: 1153876

Ion Ratio Lower Upper

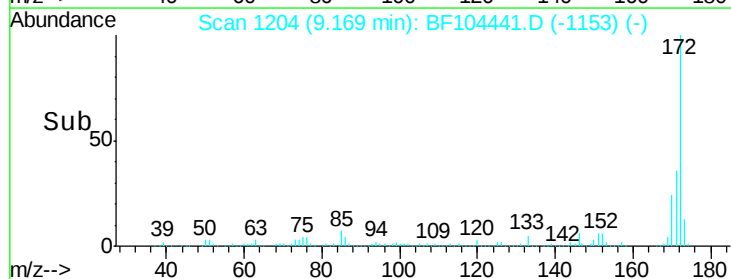
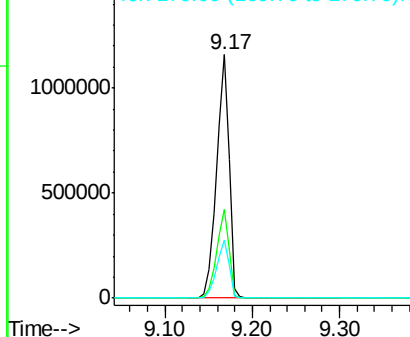
172 100

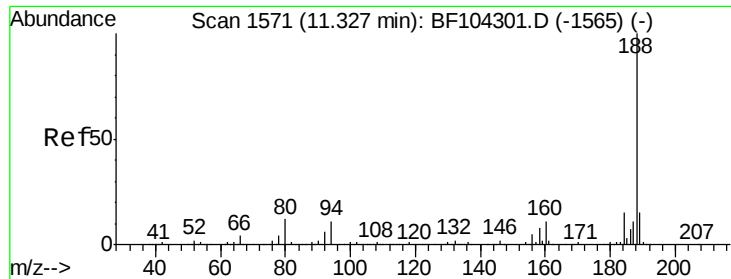
171 36.5 29.7 44.5

170 24.0 19.6 29.4



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

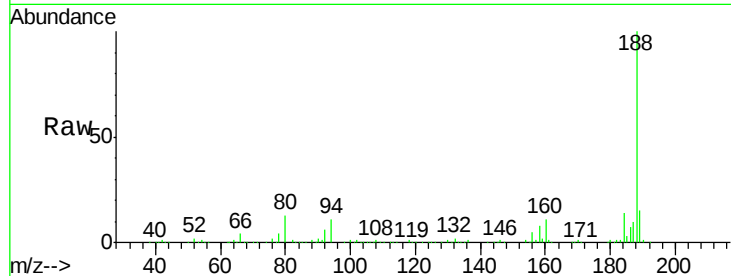




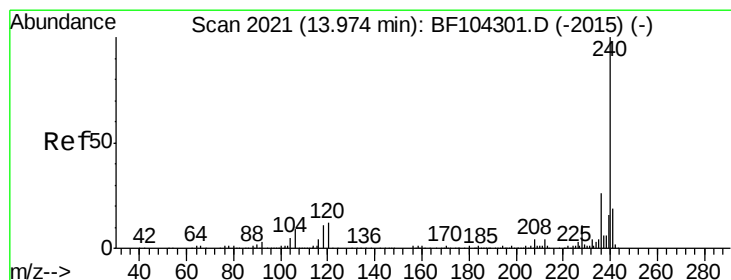
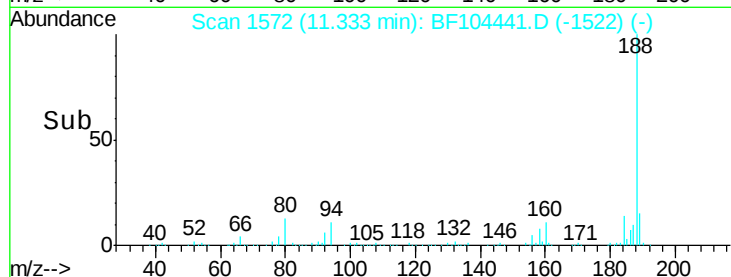
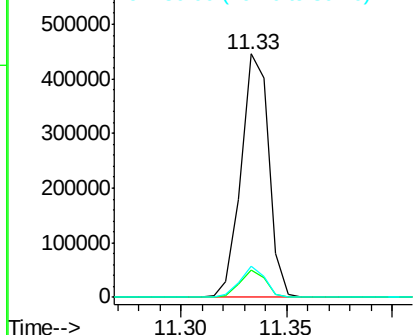
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF104441.D
Acq: 11 Apr 2018 16:35

Instrument :
BNA_F
ClientSampleId :
PB108147BL

Tot Ion:188 Resp: 404342
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.7 9.2 13.8

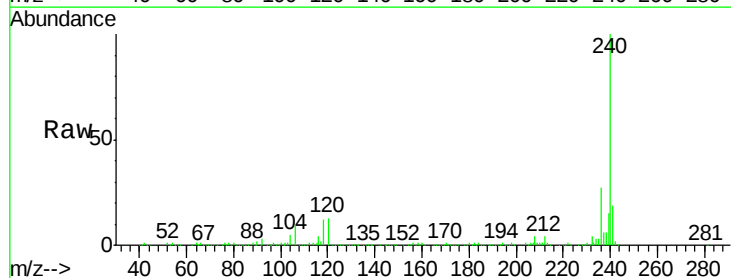


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

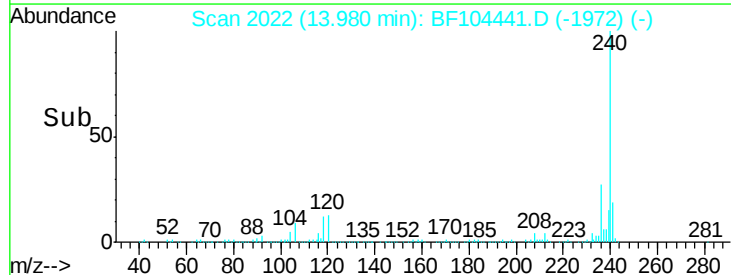
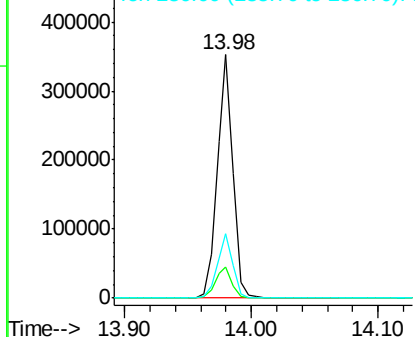


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104441.D
Acq: 11 Apr 2018 16:35

Tgt Ion:240 Resp: 304481
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

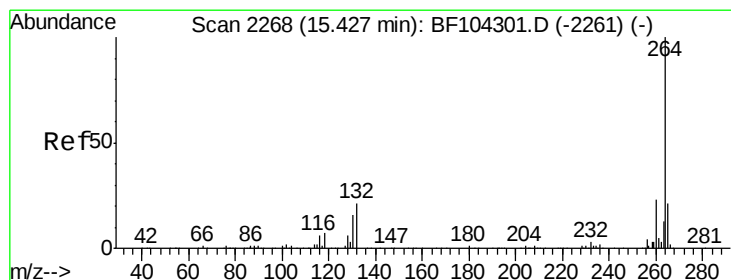
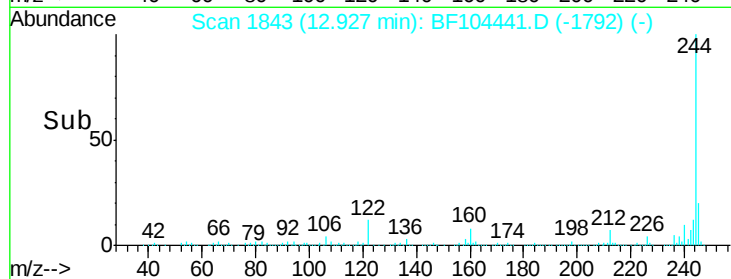
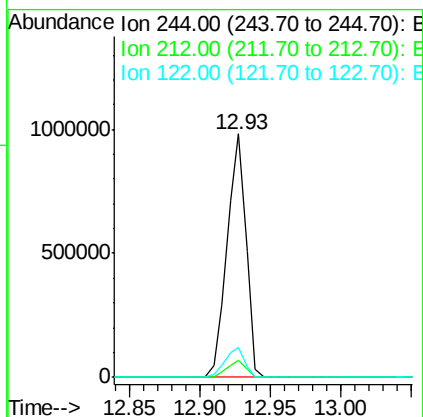
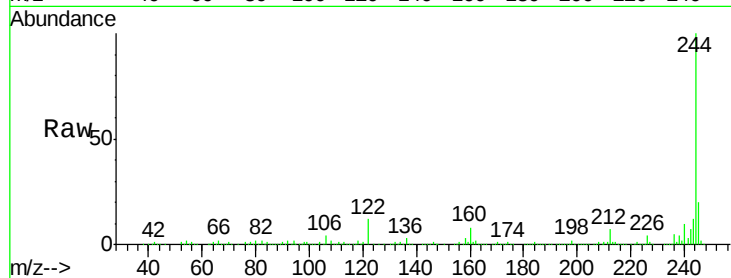




#78
 Terphenyl-d14
 Concen: 68.374 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: BF104441.D
 Acq: 11 Apr 2018 16:35

Instrument :
 BNA_F
 ClientSampleId :
 PB108147BL

Tot Ion:244 Resp: 913168
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: BF104441.D
 Acq: 11 Apr 2018 16:35

Tgt Ion:264 Resp: 294472
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.7 17.5 26.3

