

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104806.D
 Acq On : 25 Apr 2018 23:02
 Operator : JU/SJ
 Sample : PB108548BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108548BL

Quant Time: Apr 26 12:37:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95402	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	385212	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	160940	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	238842	20.00	ng	0.00
75) Chrysene-d12	13.98	240	195337	20.00	ng	0.00
86) Perylene-d12	15.44	264	147852	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	735081	117.82	ng	0.01
7) Phenol-d6	6.45	99	877347	114.45	ng	0.00
23) Nitrobenzene-d5	7.37	82	545703	92.50	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	173673	104.03	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	982201	96.41	ng	0.00
78) Terphenyl-d14	12.92	244	720235	84.06	ng	0.00

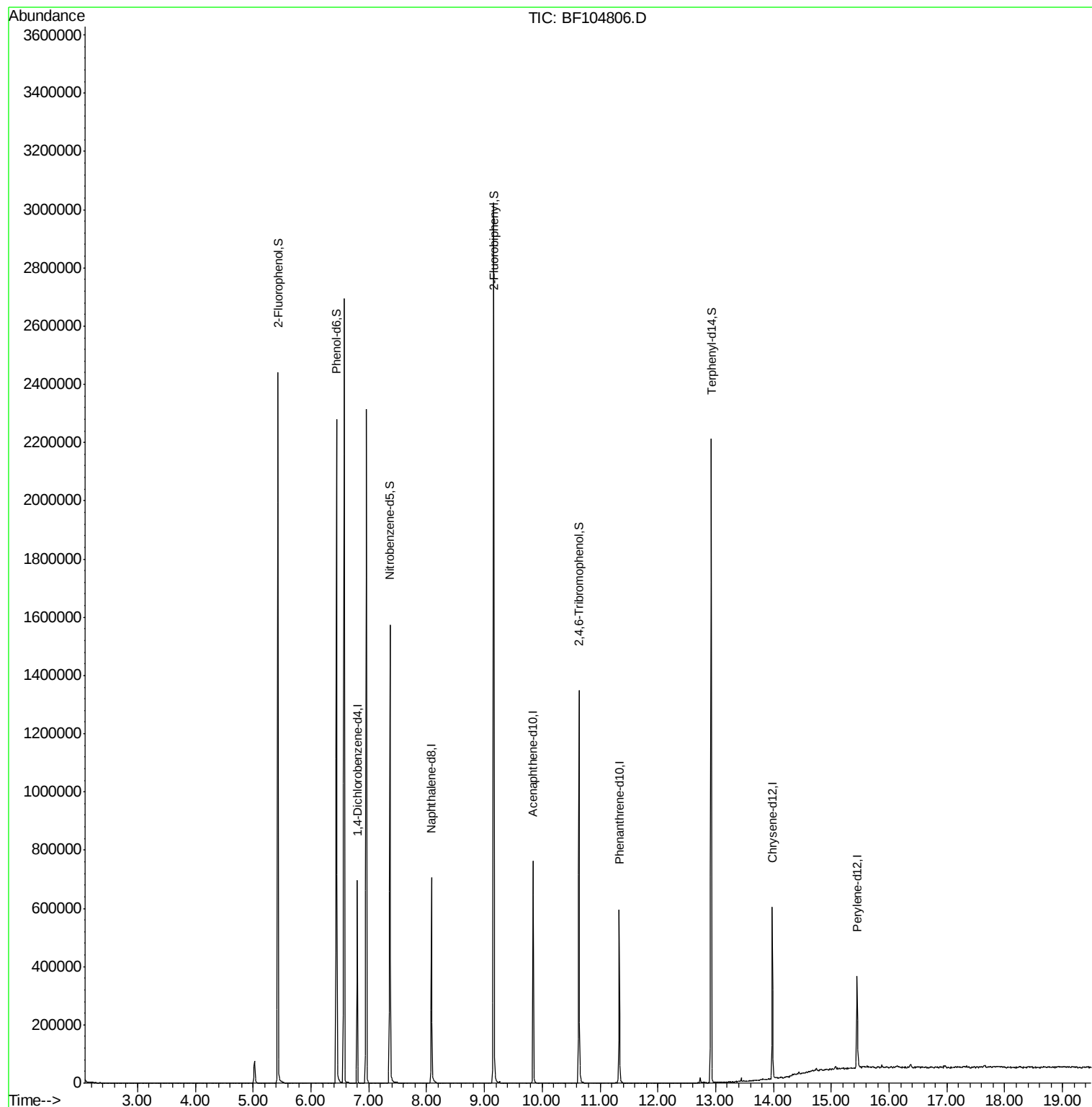
Target Compounds Qvalue

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

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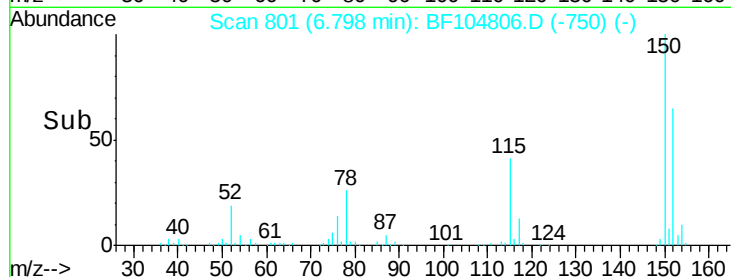
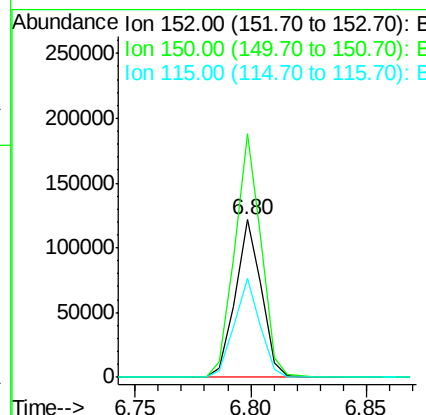
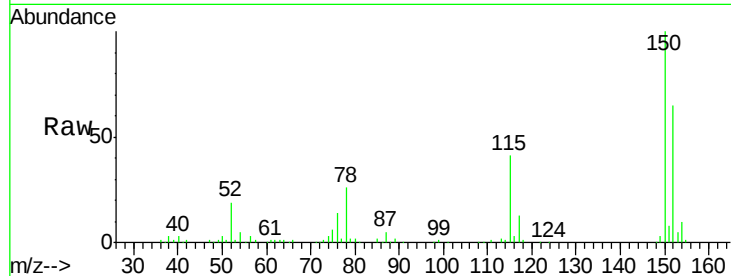


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

Instrument :
 BNA_F
 ClientSampleId :
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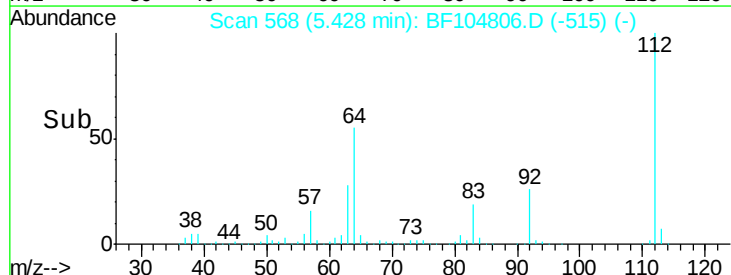
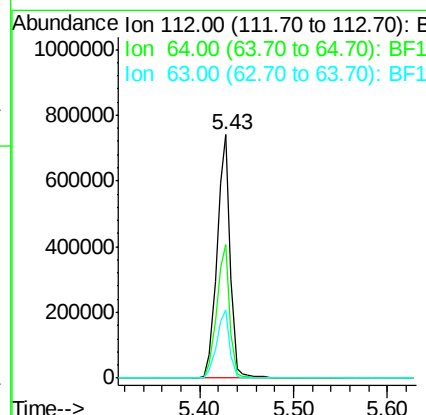
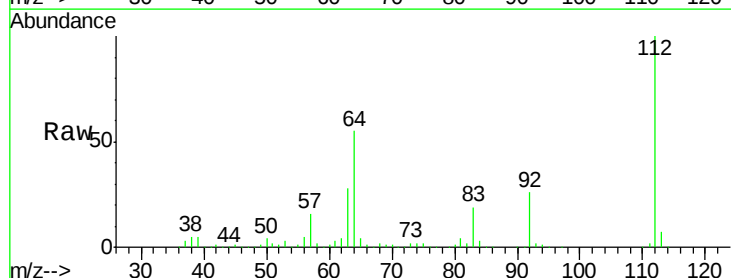
Tot Ion:152 Resp: 95402
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.6 186.8
 115 62.8 50.1 75.1



#5

2-Fluorophenol
 Concen: 117.815 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

Tgt Ion:112 Resp: 735081
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.9 71.9
 63 28.1 23.7 35.5





#7

Phenol-d6

Concen: 114.446 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104806.D

Acq: 25 Apr 2018 23:02

Instrument :

BNA_F

ClientSampleId :

PB108548BL

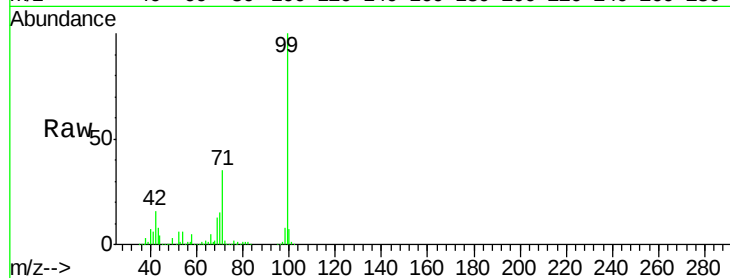
Tot Ion: 99 Resp: 877347

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

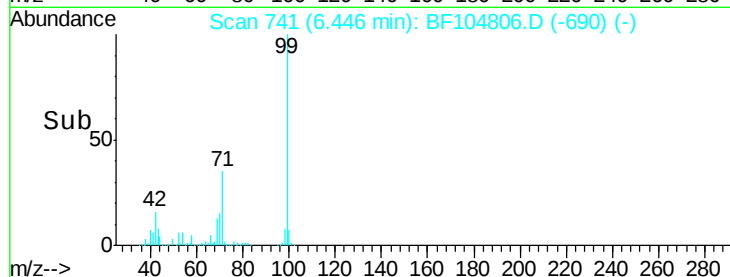
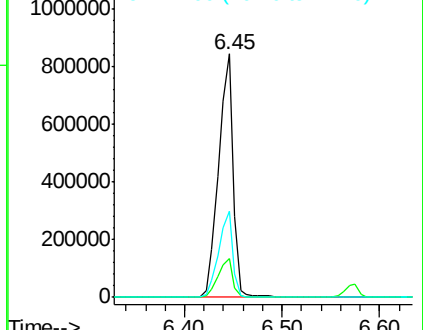
71 35.2 25.4 38.0



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: BF104806.D

Acq: 25 Apr 2018 23:02

Tgt Ion: 136 Resp: 385212

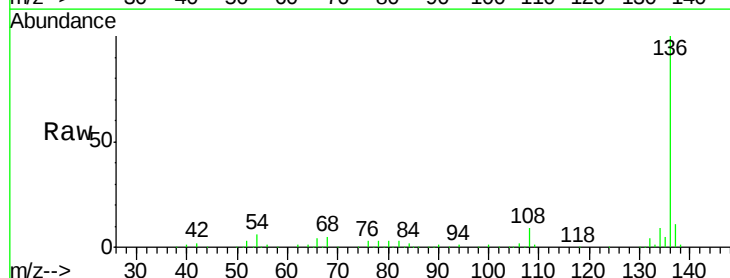
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 5.9 6.6 9.8#

68 4.9 5.0 7.4#

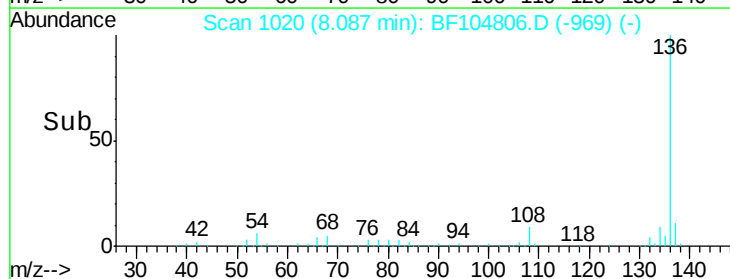
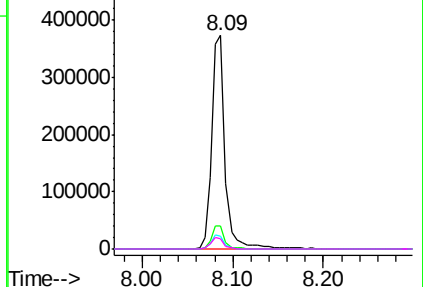


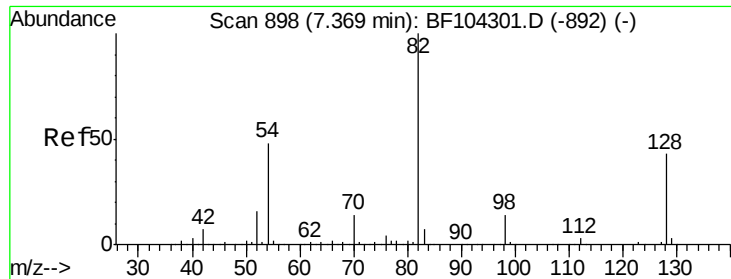
Abundance Ion 136.00 (135.70 to 136.70): E

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

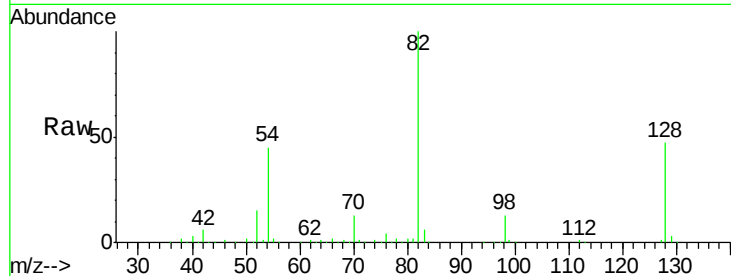




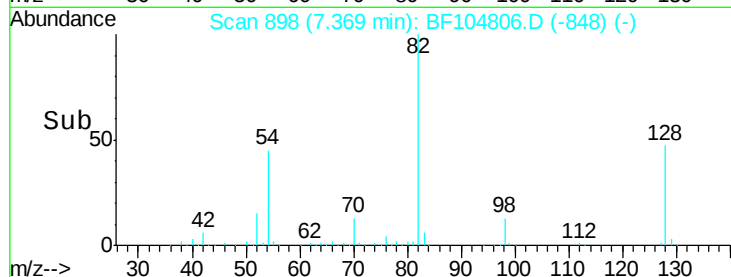
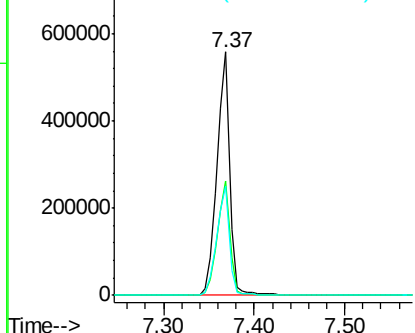
#23
 Nitrobenzene-d5
 Concen: 92.503 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

Instrument :
 BNA_F
 ClientSampleID :
 PB108548BL

Tot Ion	82	Resp	545703
Ion Ratio	100	Lower	Upper
128	46.9	36.1	54.1
54	44.8	41.4	62.2

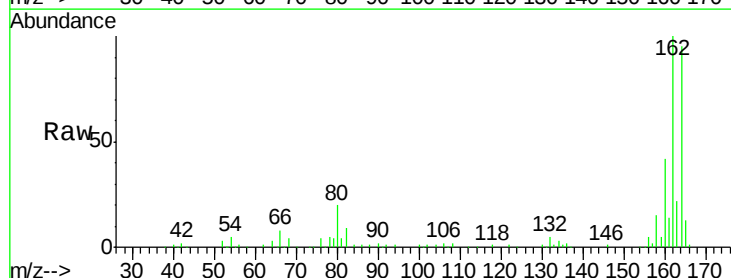


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

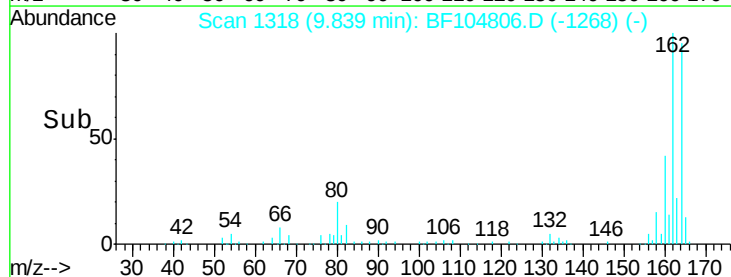
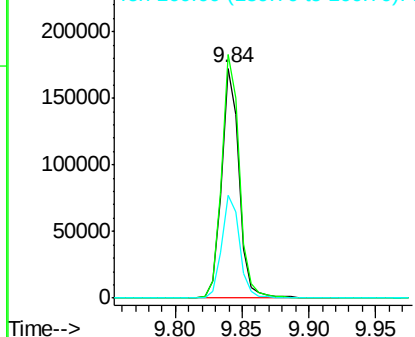


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

Tgt Ion	164	Resp	160940
Ion Ratio	100	Lower	Upper
162	105.8	86.1	129.1
160	44.5	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: 104.029 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104806.D

Acq: 25 Apr 2018 23:02

Instrument :

BNA_F

ClientSampleId :

PB108548BL

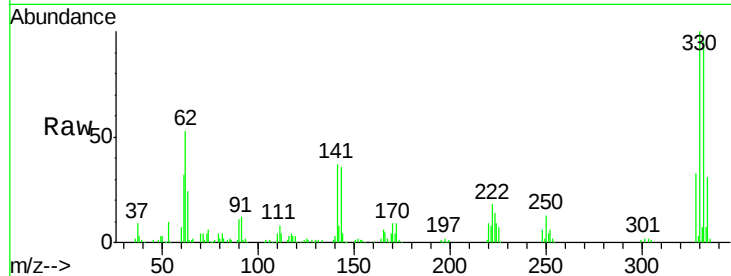
Tot Ion:330 Resp: 173673

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

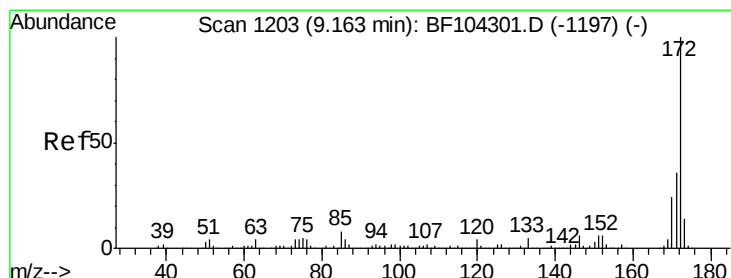
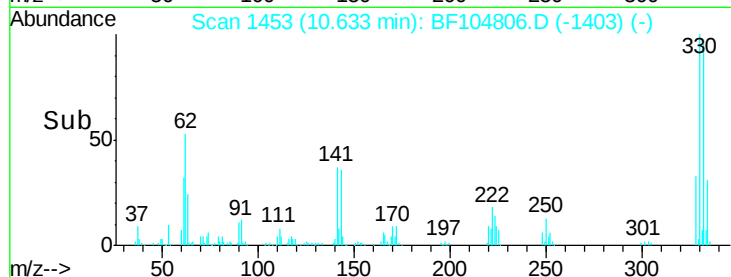
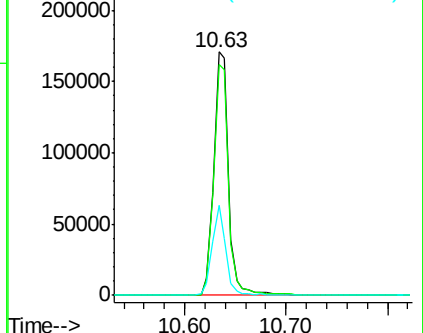
141 33.7 29.9 44.9



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: 96.411 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF104806.D

Acq: 25 Apr 2018 23:02

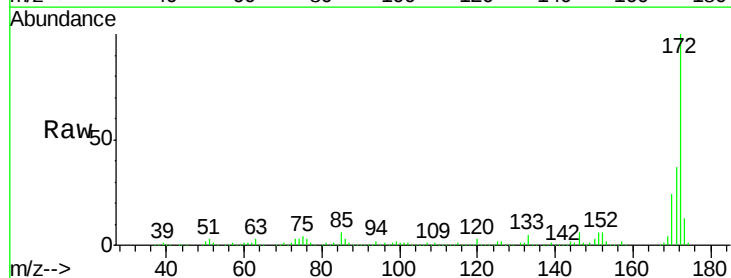
Tgt Ion:172 Resp: 982201

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

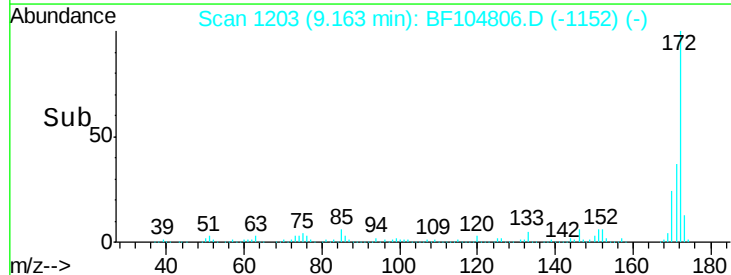
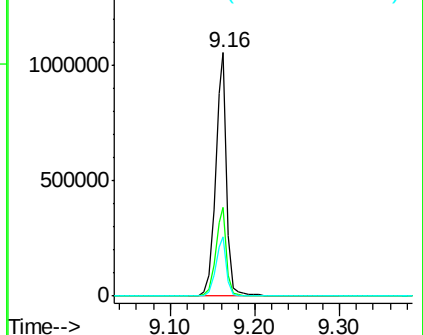
170 24.4 19.6 29.4



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

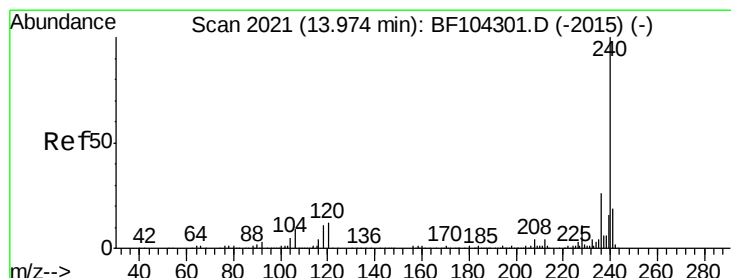
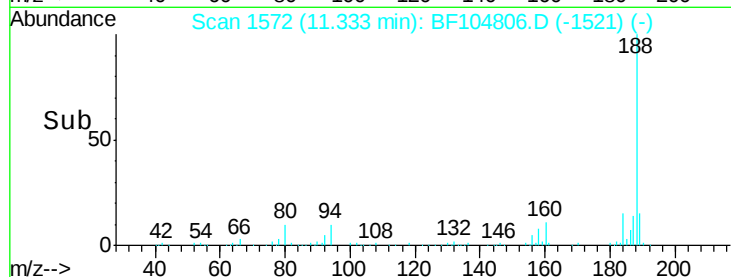
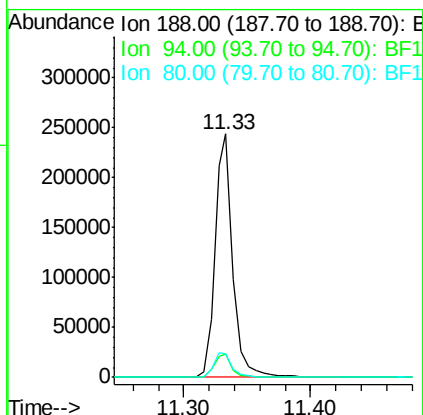
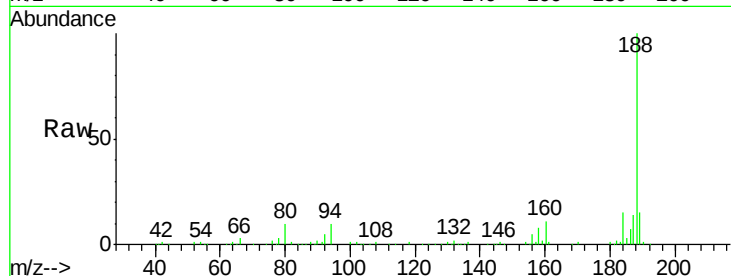




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104806.D
Acq: 25 Apr 2018 23:02

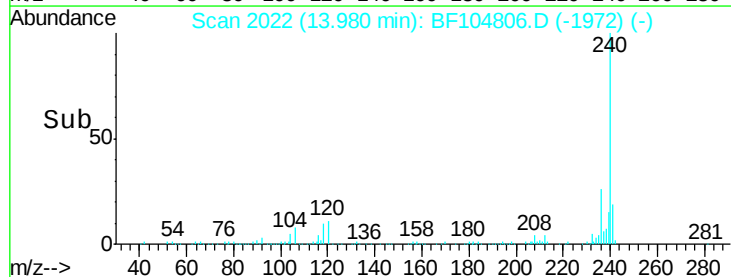
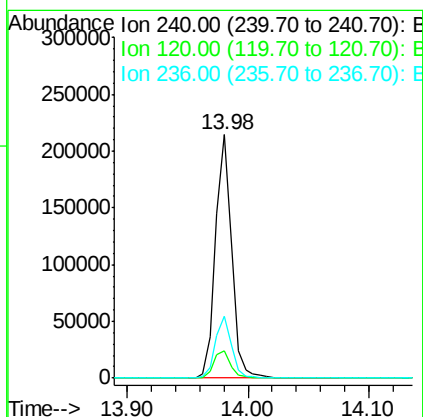
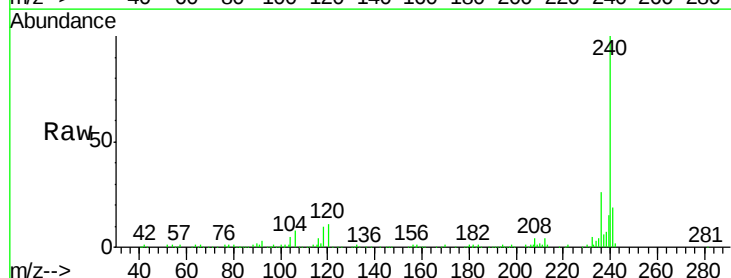
Instrument :
BNA_F
ClientSampleId :
PB108548BL

Tot Ion:188 Resp: 238842
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104806.D
Acq: 25 Apr 2018 23:02

Tgt Ion:240 Resp: 195337
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 84.061 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104806.D

Acq: 25 Apr 2018 23:02

Instrument :

BNA_F

ClientSampleId :

PB108548BL

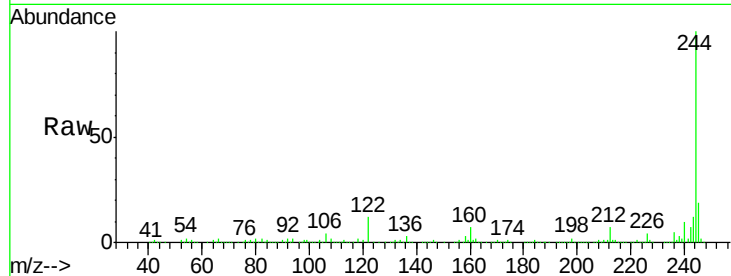
Tot Ion:244 Resp: 720235

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

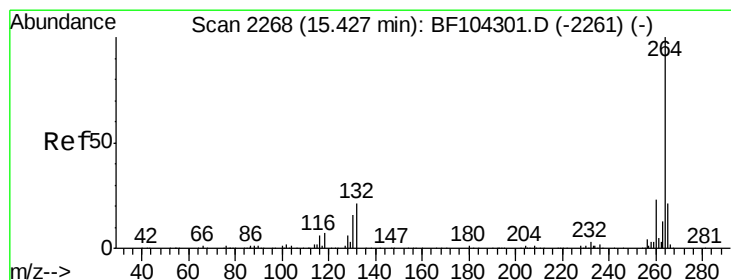
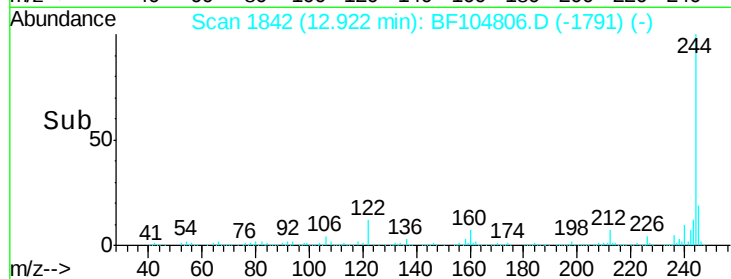
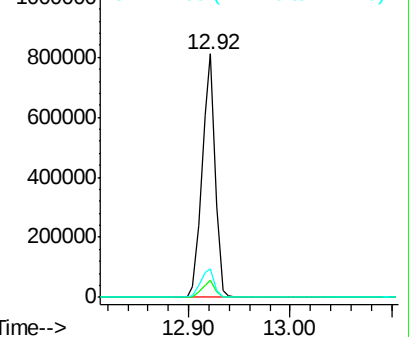
122 11.9 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF104806.D

Acq: 25 Apr 2018 23:02

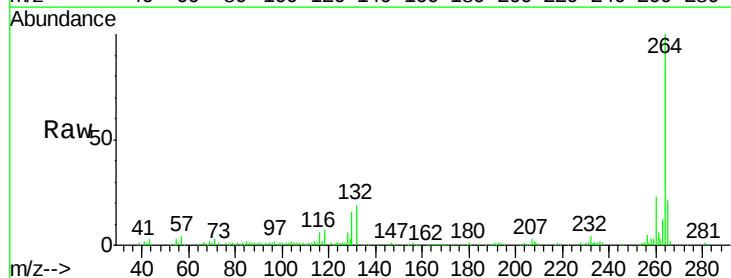
Tgt Ion:264 Resp: 147852

Ion Ratio Lower Upper

264 100

260 22.9 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

