

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104539.D
 Acq On : 16 Apr 2018 18:14
 Operator : JU/SJ
 Sample : PB108254BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108254BL

Quant Time: Apr 16 18:46:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	141396	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	590729	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	278069	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	523588	20.00	ng	0.00
75) Chrysene-d12	13.99	240	449226	20.00	ng	0.00
86) Perylene-d12	15.46	264	365696	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	938580	101.50	ng	0.01
7) Phenol-d6	6.45	99	1152960	101.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	713666	78.89	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	304956	105.72	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1271600	72.24	ng	0.00
78) Terphenyl-d14	12.93	244	1344908	68.25	ng	0.00

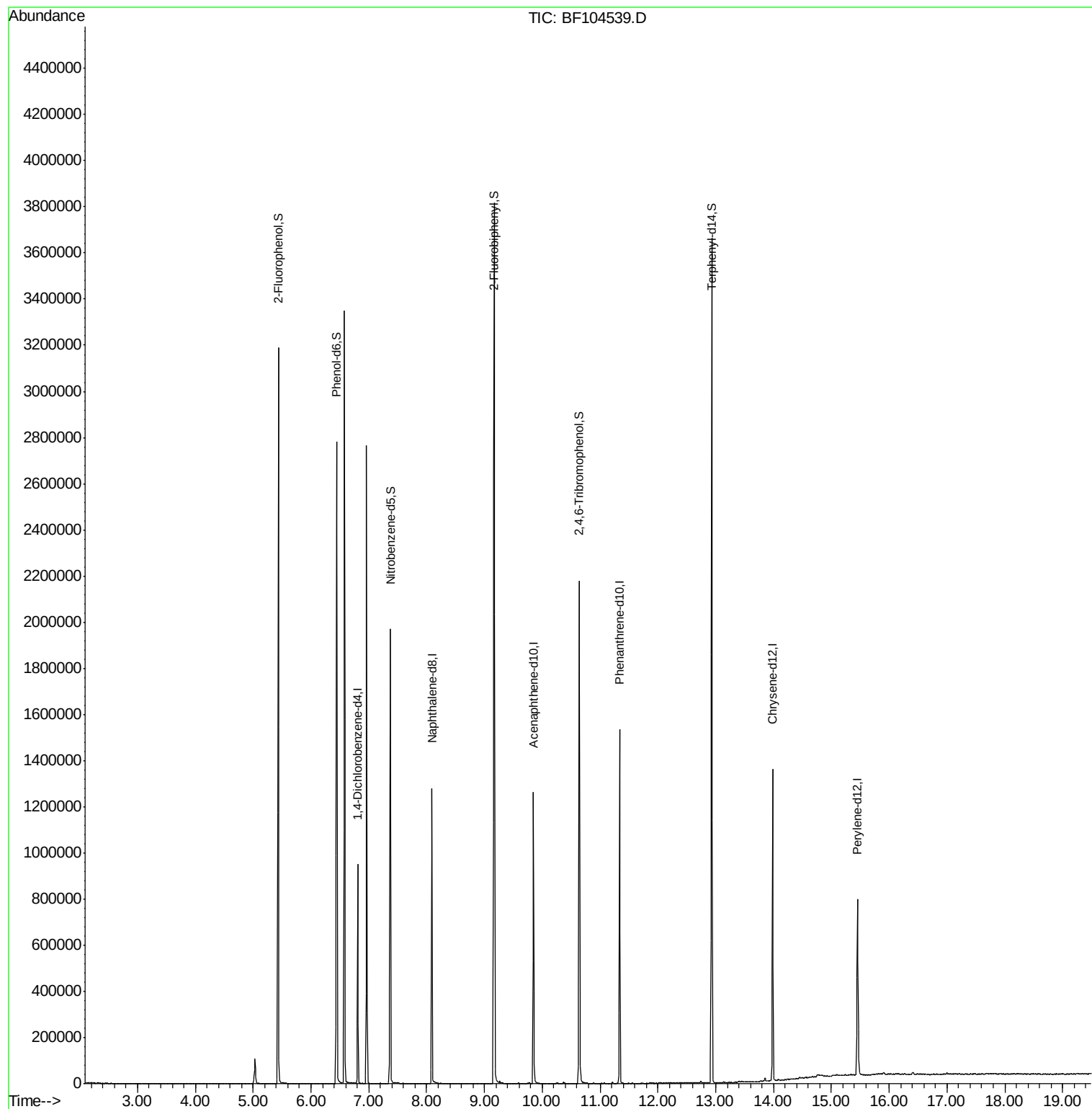
Target Compounds Qvalue

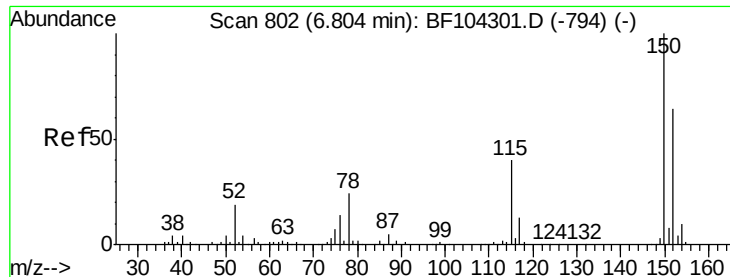
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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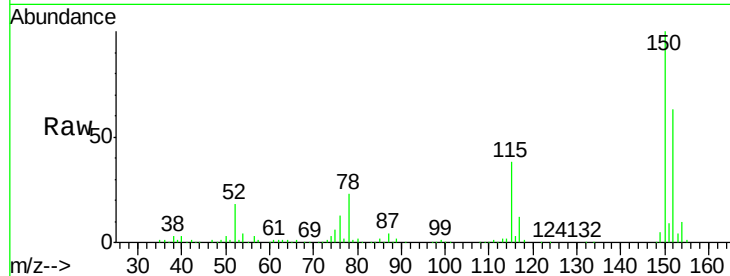


#1

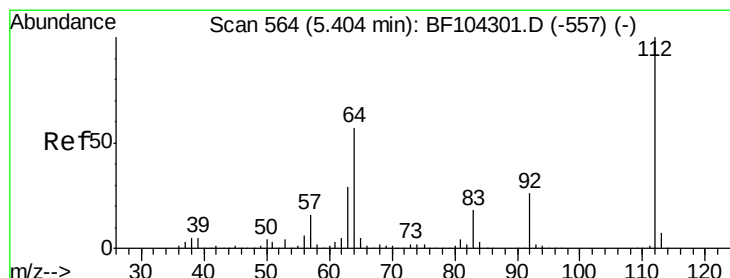
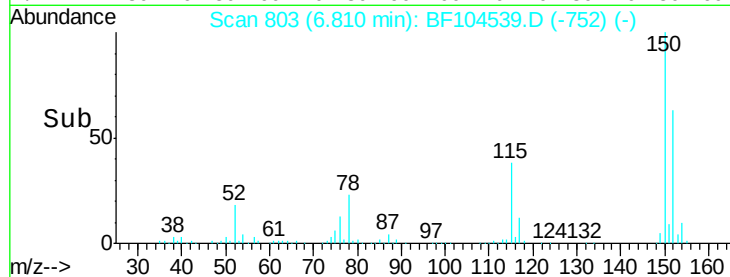
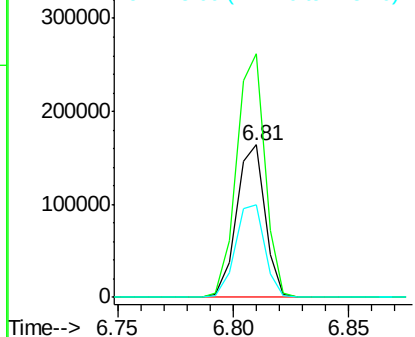
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Instrument :
BNA_F
ClientSampleId :
PB108254BL

Tot Ion:152 Resp: 141396
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 60.6 50.1 75.1



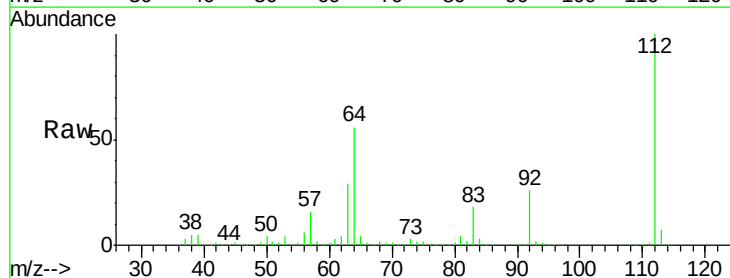
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



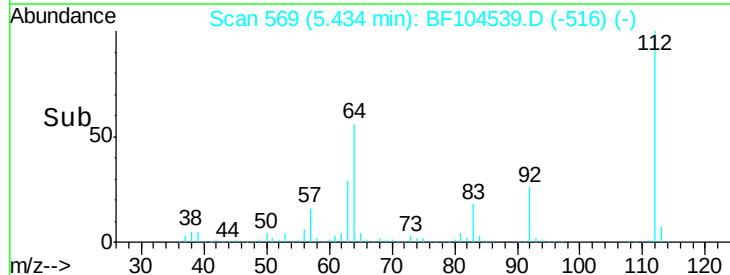
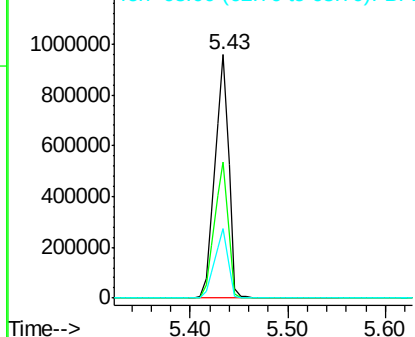
#5

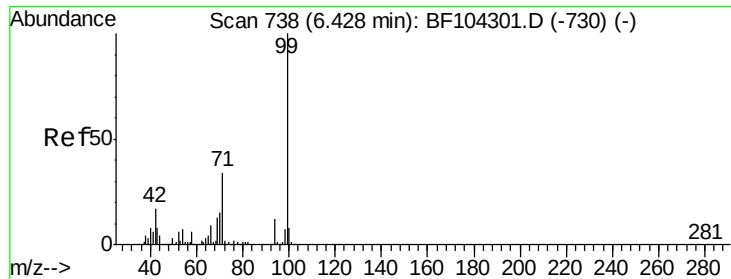
2-Fluorophenol
Concen: 101.498 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Tgt Ion:112 Resp: 938580
Ion Ratio Lower Upper
112 100
64 56.1 47.9 71.9
63 28.7 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: 101.476 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF104539.D

Acq: 16 Apr 2018 18:14

Instrument :

BNA_F

ClientSampled :

PB108254BL

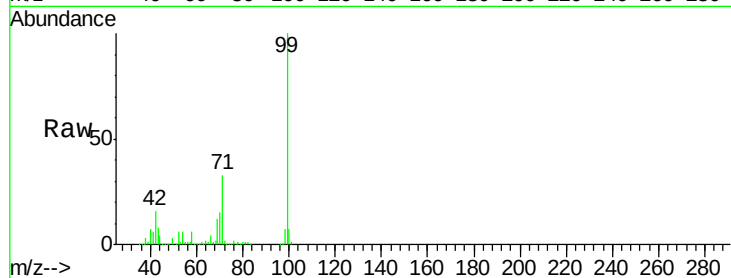
Tot Ion: 99 Resp: 1152960

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

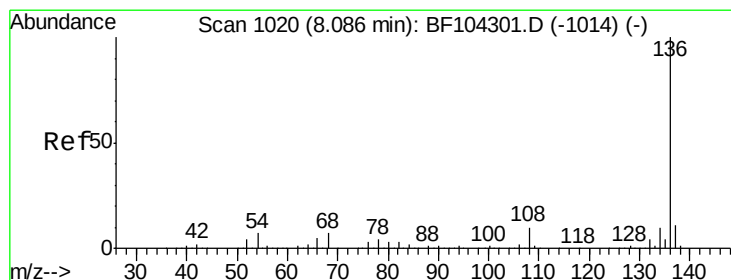
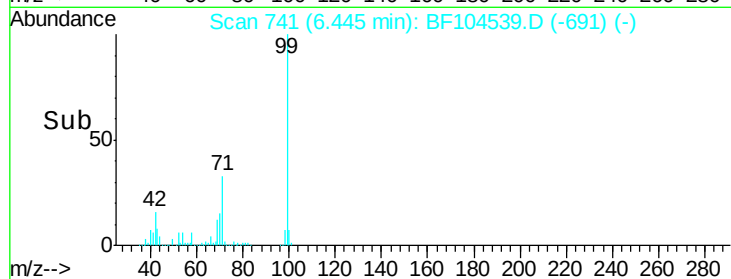
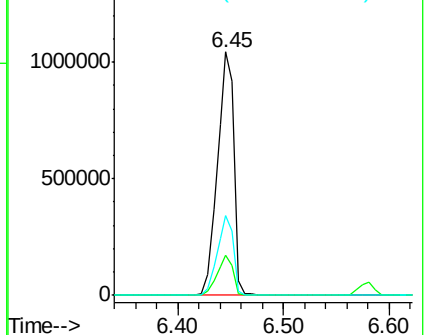
71 32.9 25.4 38.0



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: BF104539.D

Acq: 16 Apr 2018 18:14

Tgt Ion: 136 Resp: 590729

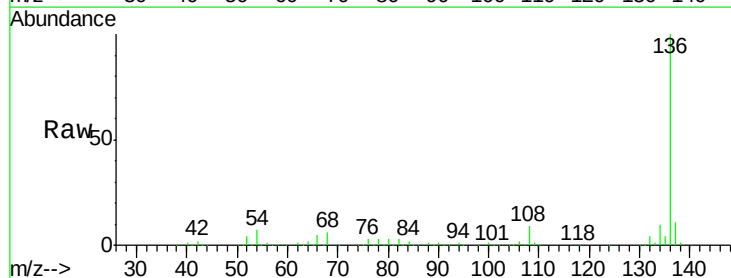
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.1 6.6 9.8

68 6.3 5.0 7.4

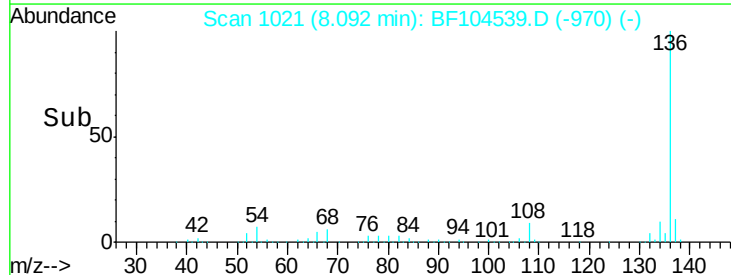
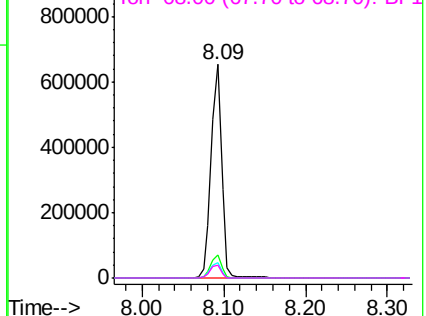


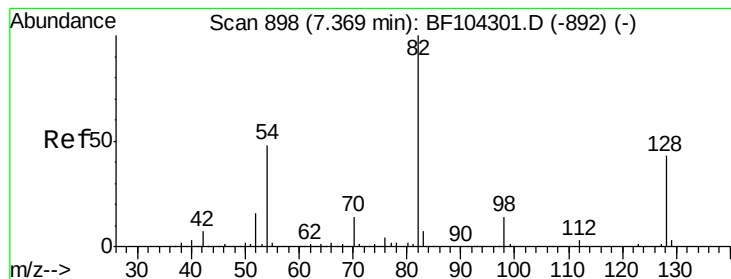
Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.887 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF104539.D

Acq: 16 Apr 2018 18:14

Instrument :

BNA_F

ClientSampleId :

PB108254BL

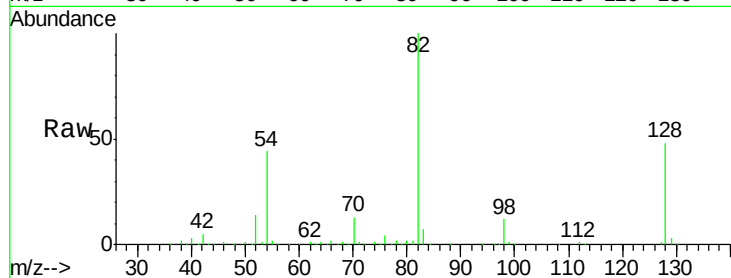
Tot Ion: 82 Resp: 713666

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

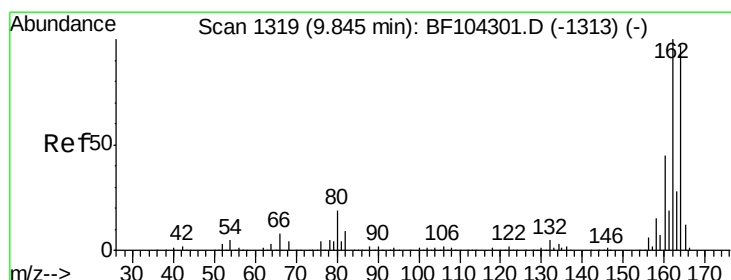
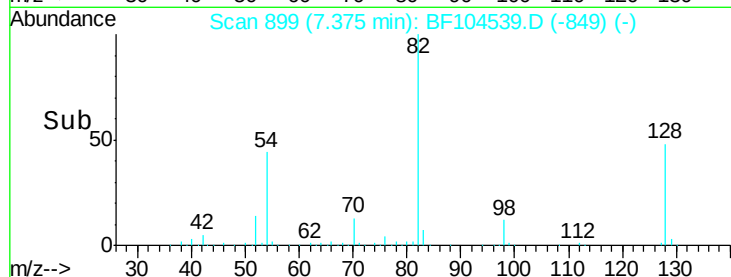
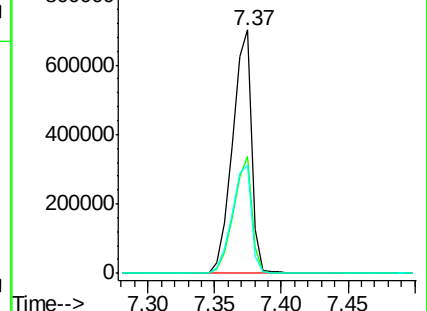
54 44.2 41.4 62.2



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: BF104539.D

Acq: 16 Apr 2018 18:14

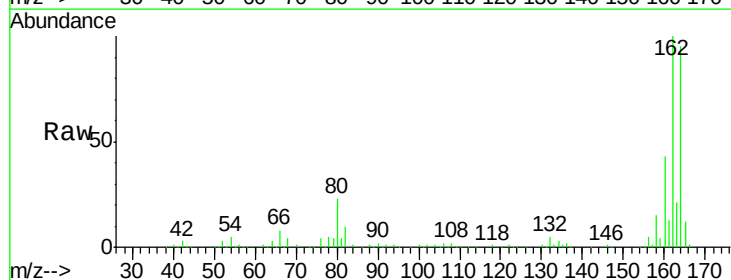
Tgt Ion: 164 Resp: 278069

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

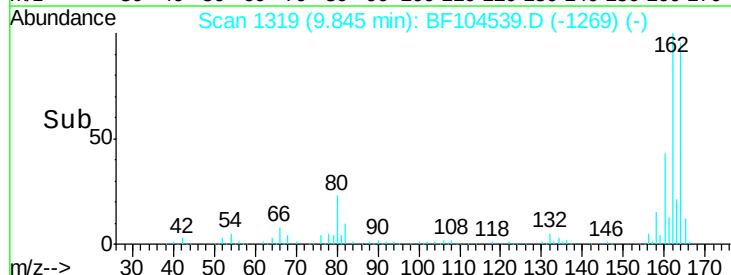
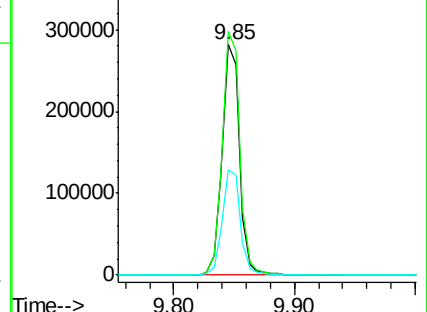
160 45.8 38.3 57.5

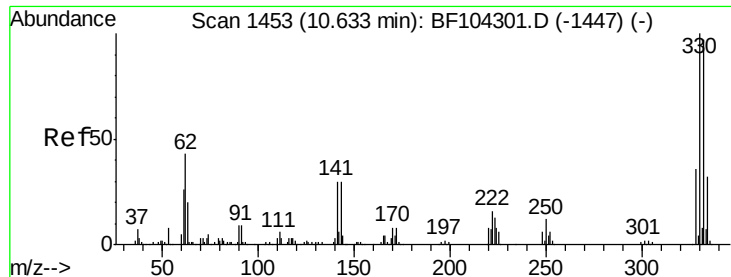


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 105.723 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF104539.D

Acq: 16 Apr 2018 18:14

Instrument :

BNA_F

ClientSampleId :

PB108254BL

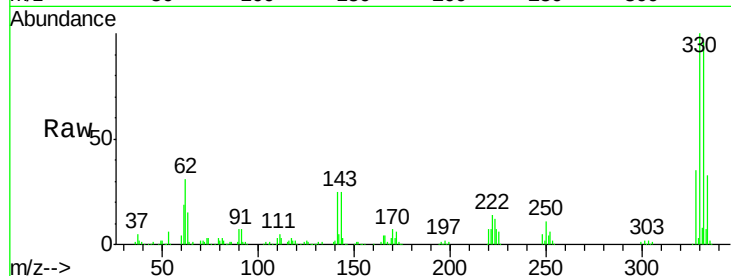
Tot Ion:330 Resp: 304956

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

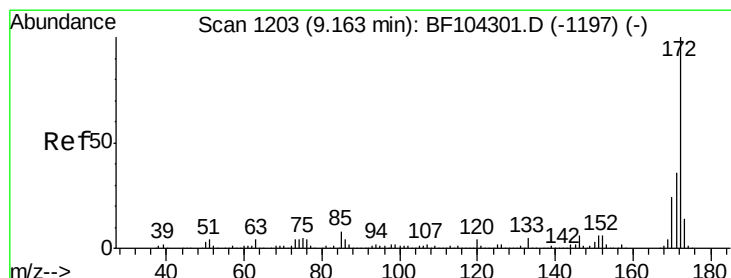
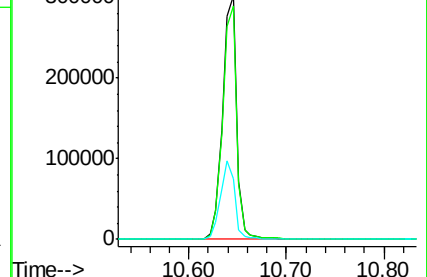
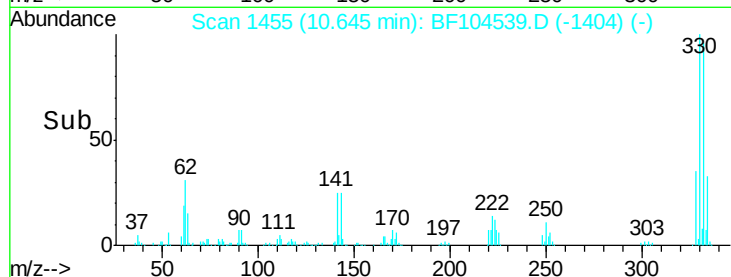
141 32.5 29.9 44.9



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: 72.241 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF104539.D

Acq: 16 Apr 2018 18:14

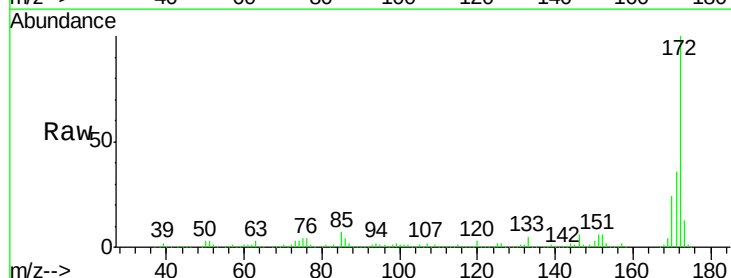
Tgt Ion:172 Resp: 1271600

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

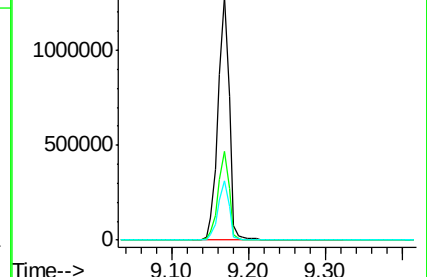
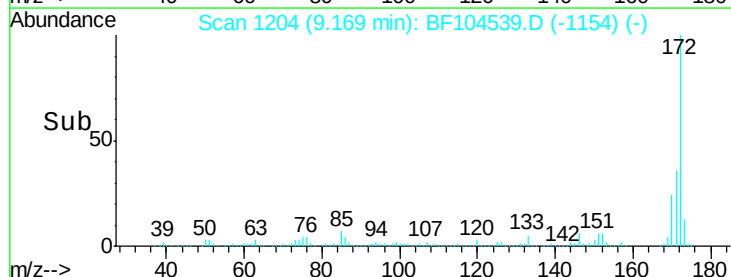
170 24.3 19.6 29.4

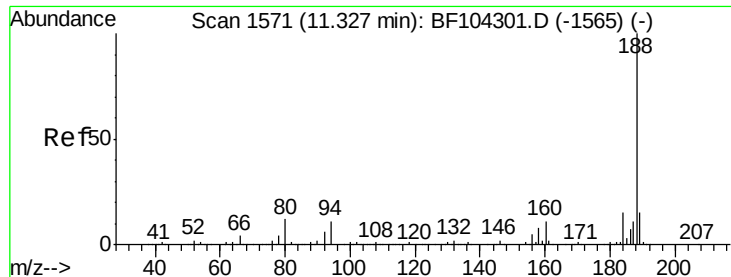


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

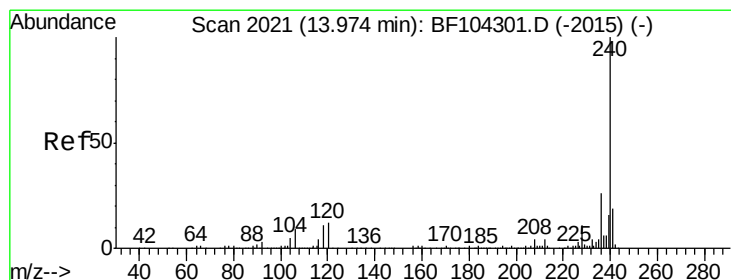
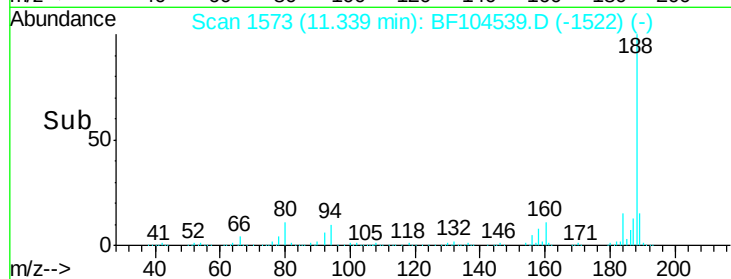
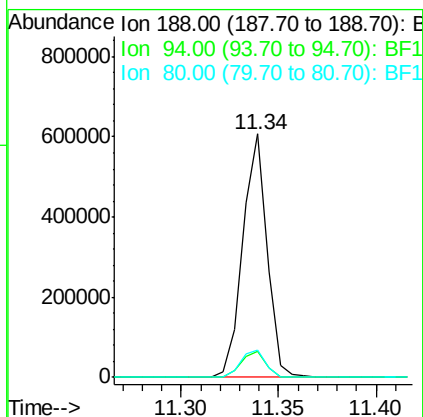
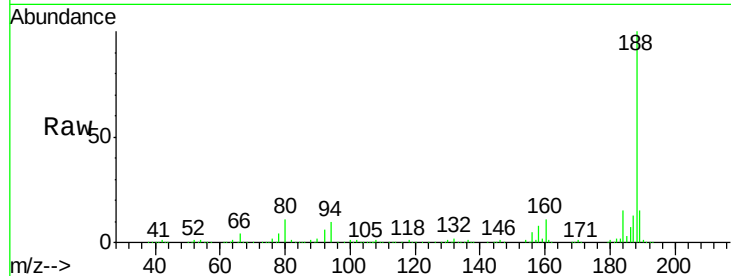




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

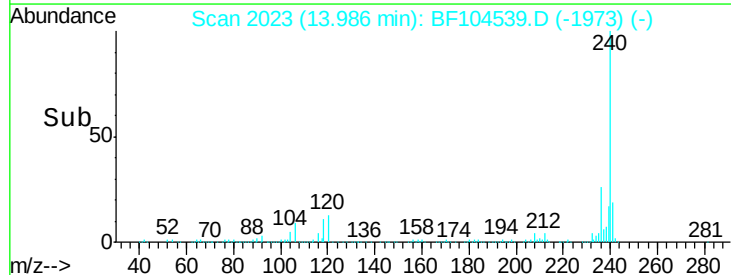
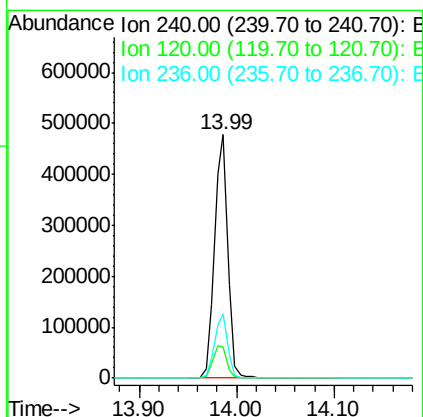
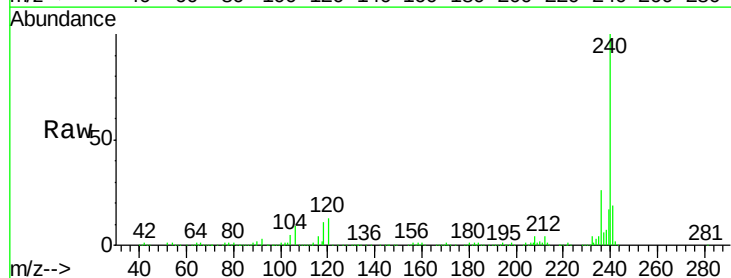
Instrument :
BNA_F
ClientSampleId :
PB108254BL

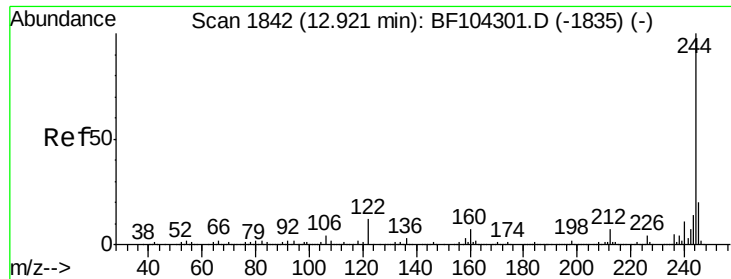
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.3	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF104539.D
Acq: 16 Apr 2018 18:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.2	20.7	31.1





#78

Terphenyl-d14

Concen: 68.254 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF104539.D

Acq: 16 Apr 2018 18:14

Instrument :

BNA_F

ClientSampleId :

PB108254BL

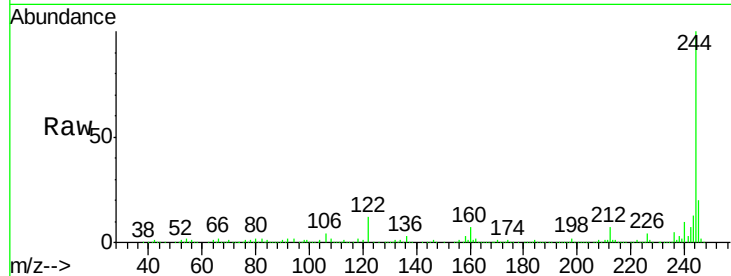
Tot Ion:244 Resp: 1344908

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

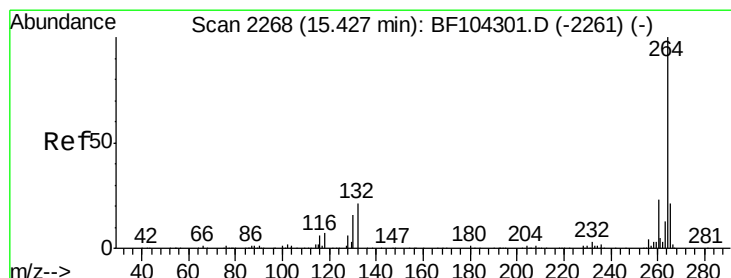
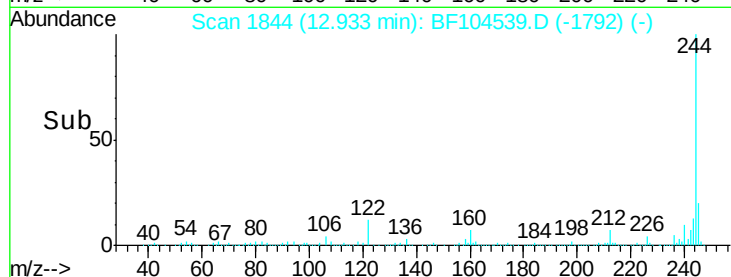
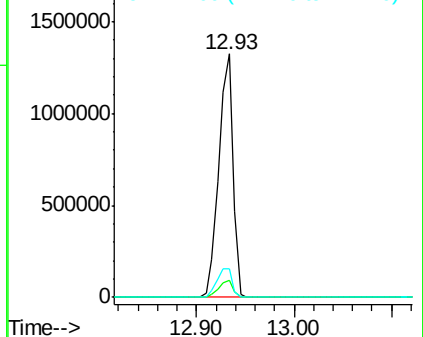
122 11.9 11.0 16.4



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: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BF104539.D

Acq: 16 Apr 2018 18:14

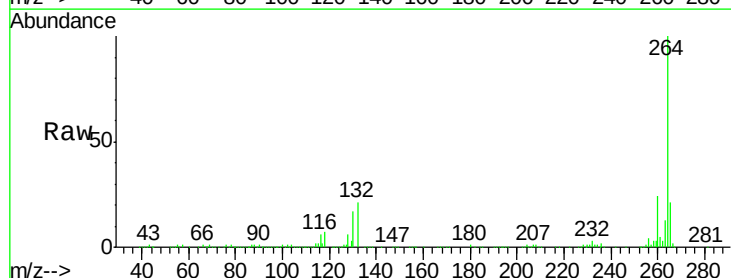
Tgt Ion:264 Resp: 365696

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 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

