

Data File : BF101844.D
Acq On : 2 Jan 2018 12:08
Operator : SJ/JU
Sample : PB105401BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105401BL

Quant Time: Jan 02 13:00:23 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	126126	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	509653	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	235493	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	448425	20.00	ng	0.00
75) Chrysene-d12	13.96	240	288474	20.00	ng	-0.01
86) Perylene-d12	15.43	264	244315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1103281	130.30	ng	0.00
7) Phenol-d6	6.43	99	1331243	126.33	ng	0.00
23) Nitrobenzene-d5	7.35	82	824301	90.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	305972	134.84	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1407820	92.74	ng	0.00
78) Terphenyl-d14	12.89	244	1325101	110.74	ng	0.00

Target Compounds Qvalue

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

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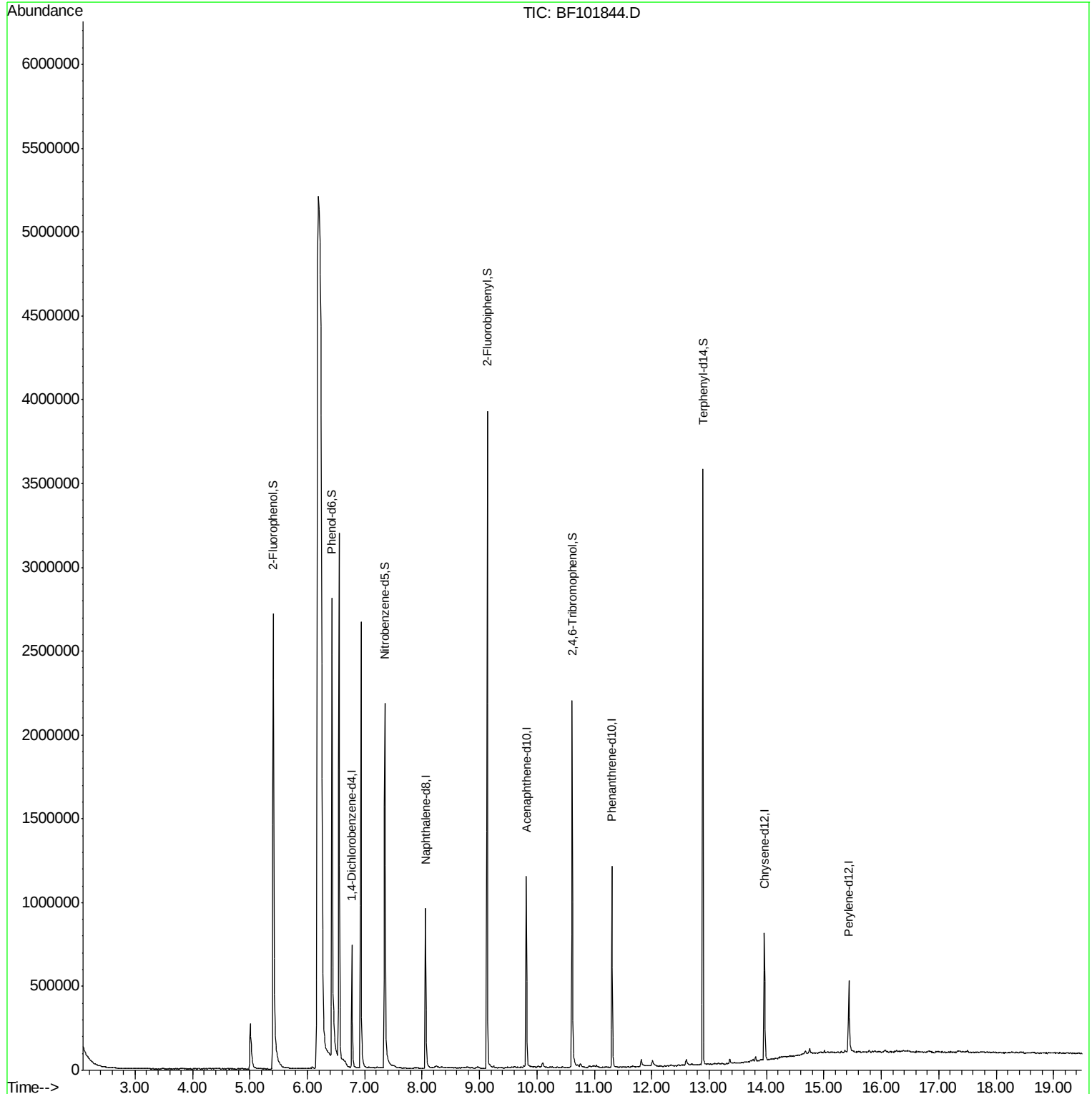
Quant Time: Jan 02 13:00:23 2018

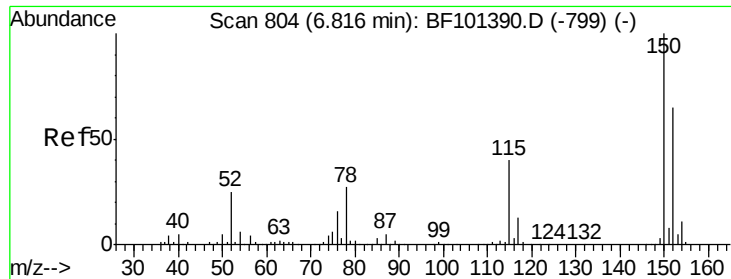
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 29 13:21:45 2017

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

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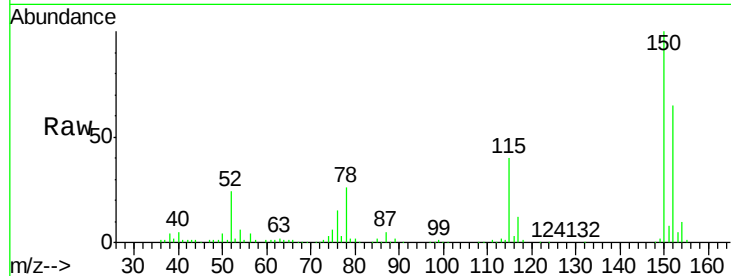
Tgt Ion:152 Resp: 126126

Ion Ratio Lower Upper

152 100

150 155.0 124.6 186.8

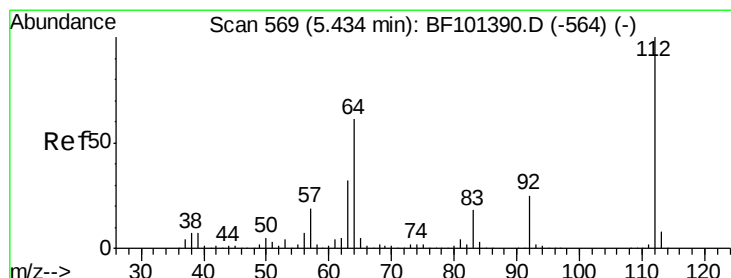
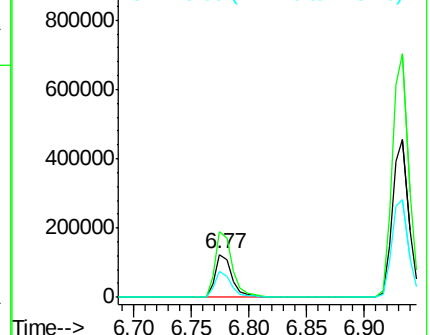
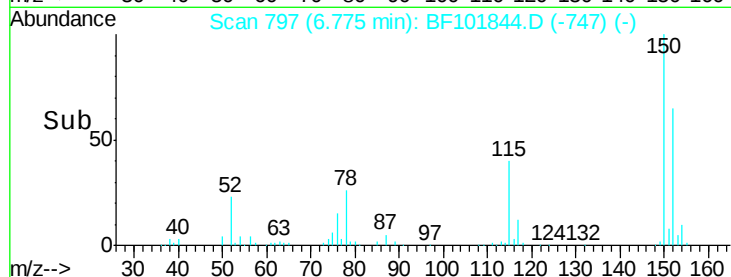
115 61.6 50.1 75.1



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: 130.30 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF101844.D

Acq: 2 Jan 2018 12:08

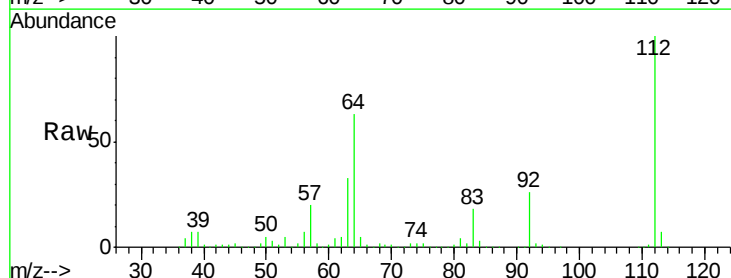
Tgt Ion:112 Resp: 1103281

Ion Ratio Lower Upper

112 100

64 63.4 47.9 71.9

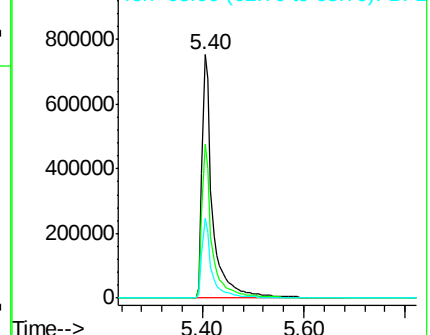
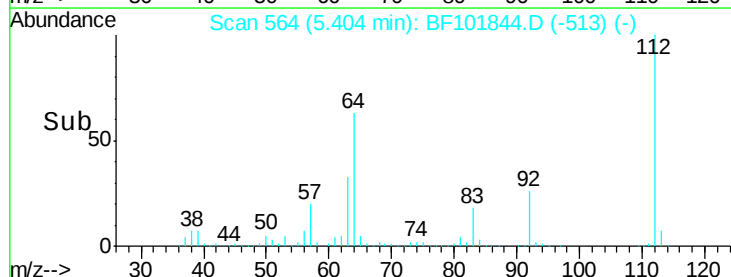
63 33.0 23.7 35.5

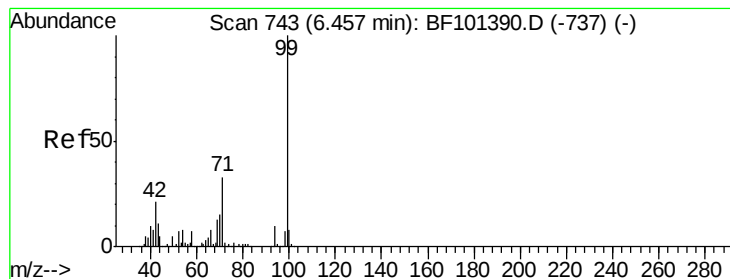


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 126.33 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101844.D

Acq: 2 Jan 2018 12:08

Instrument :

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ClientSampleId :

PB105401BL

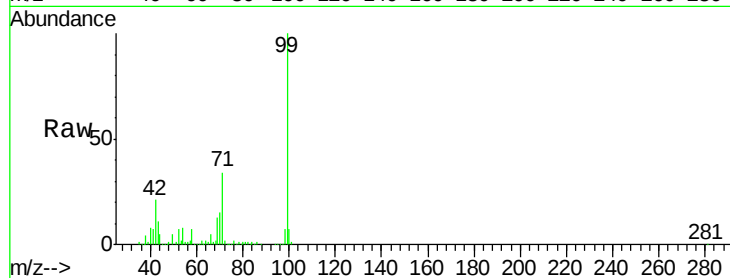
Tgt Ion: 99 Resp: 1331243

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

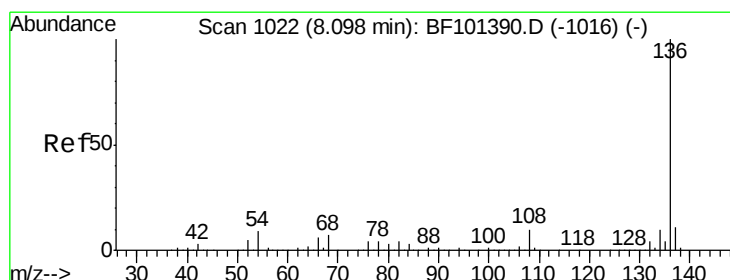
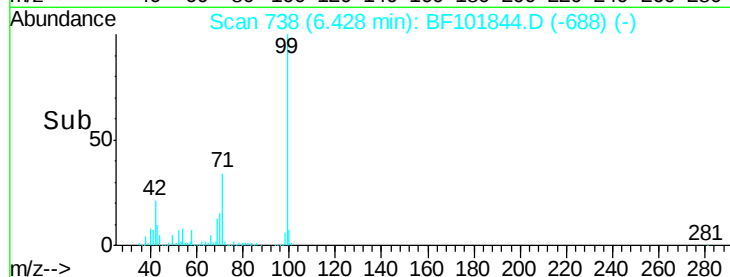
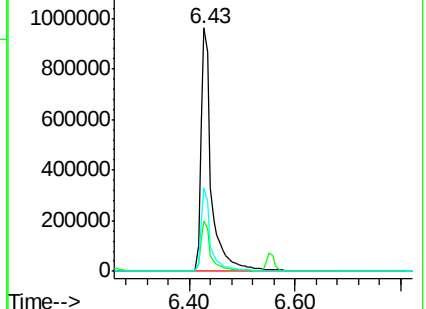
71 34.4 25.4 38.0



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: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF101844.D

Acq: 2 Jan 2018 12:08

Tgt Ion: 136 Resp: 509653

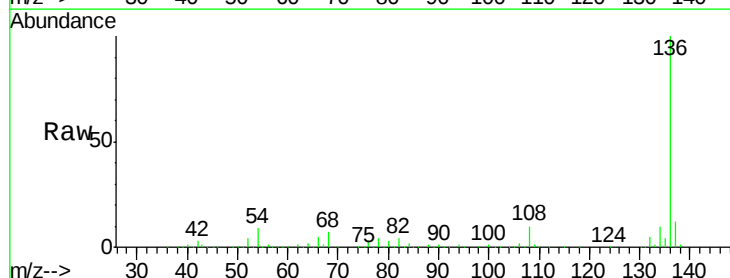
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.4 6.6 9.8

68 7.0 5.0 7.4

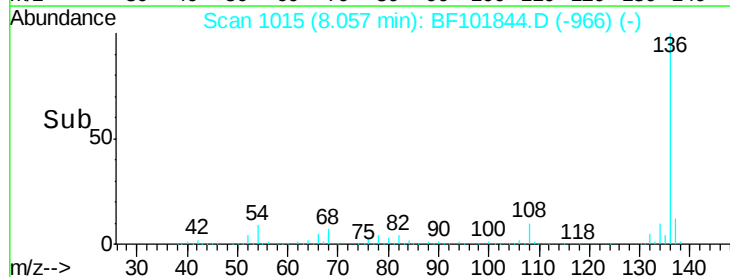
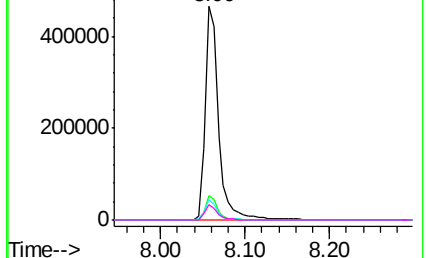


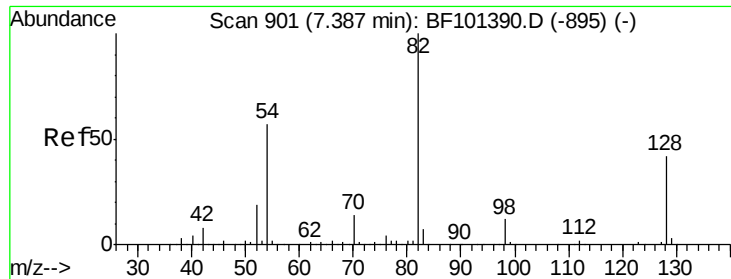
Abundance Ion 136.00 (135.70 to 136.70): E

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

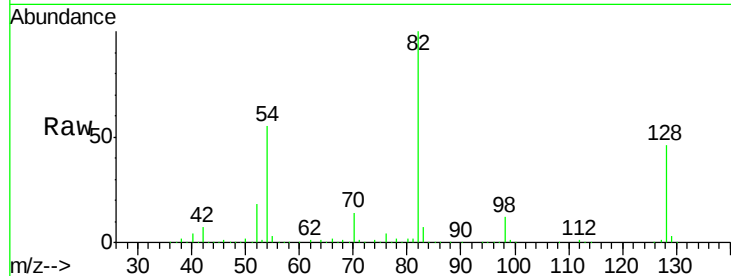




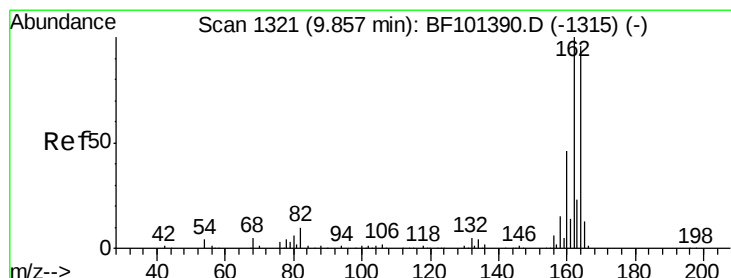
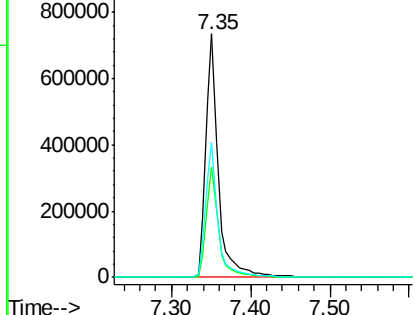
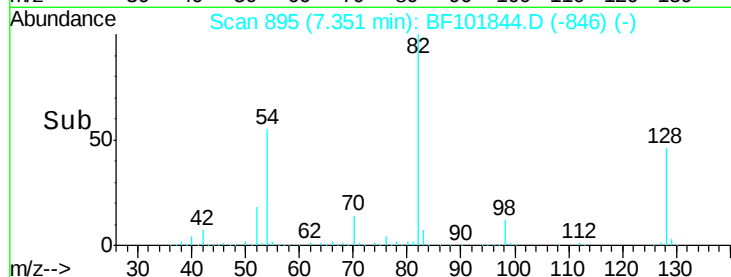
#23
 Nitrobenzene-d5
 Concen: 90.03 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF101844.D
 Acq: 2 Jan 2018 12:08

Instrument :
 BNA_F
 ClientSampleId :
 PB105401BL

Tgt Ion: 82 Resp: 824301
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 55.2 41.4 62.2

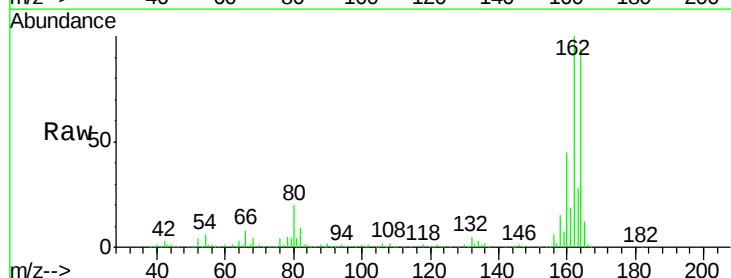


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

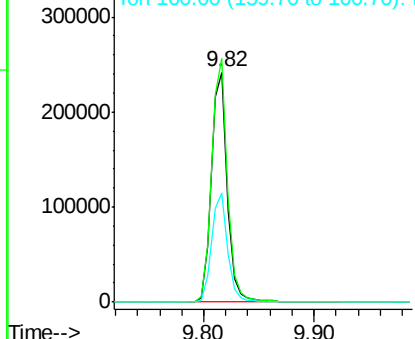
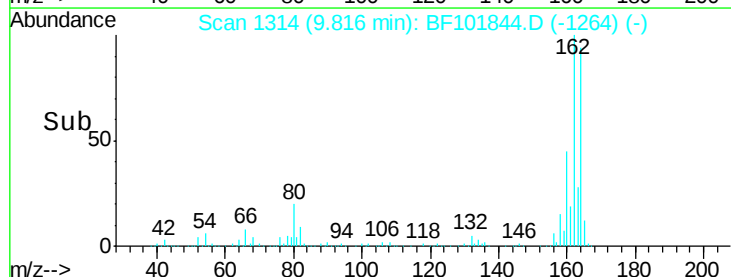


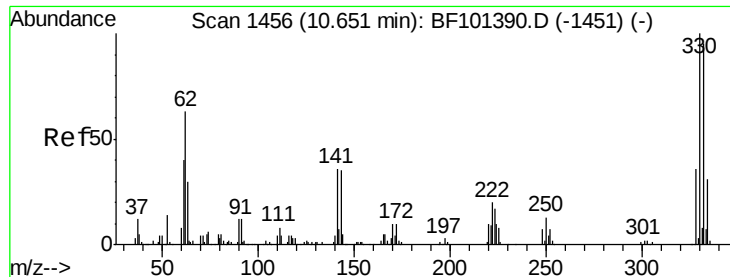
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF101844.D
 Acq: 2 Jan 2018 12:08

Tgt Ion: 164 Resp: 235493
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 47.5 38.3 57.5



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

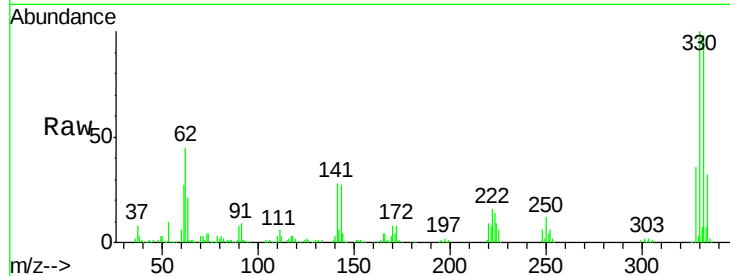




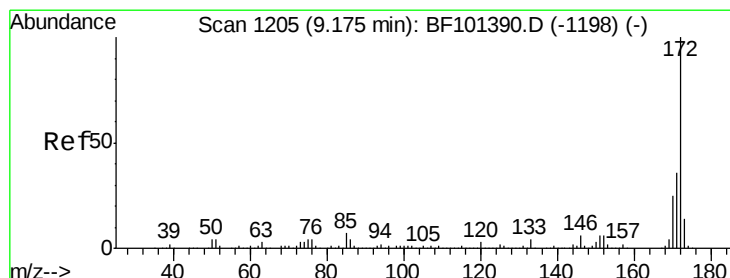
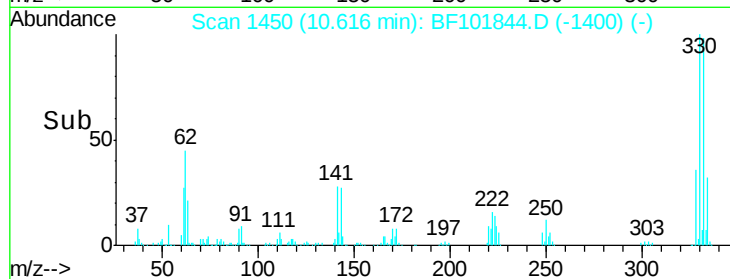
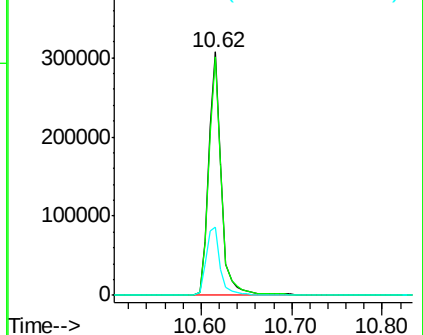
#41
 2,4,6-Tribromophenol
 Concen: 134.84 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF101844.D
 Acq: 2 Jan 2018 12:08

Instrument :
 BNA_F
 ClientSampleId :
 PB105401BL

Tgt Ion:330 Resp: 305972
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 31.3 29.9 44.9

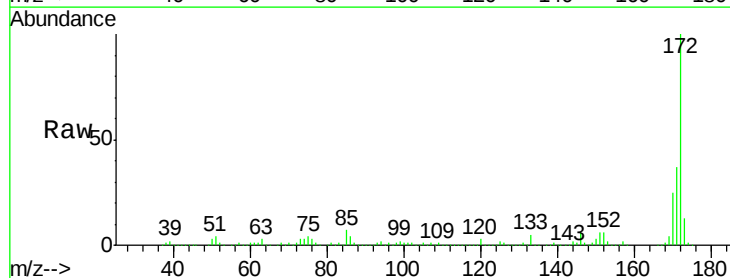


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

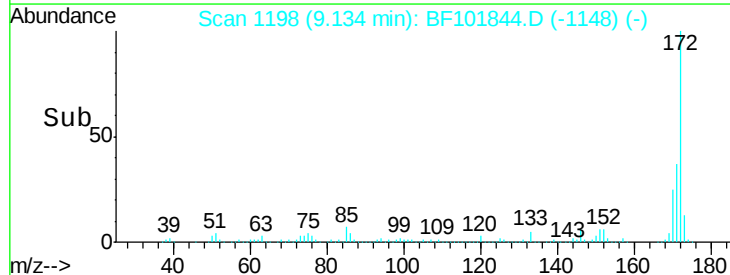
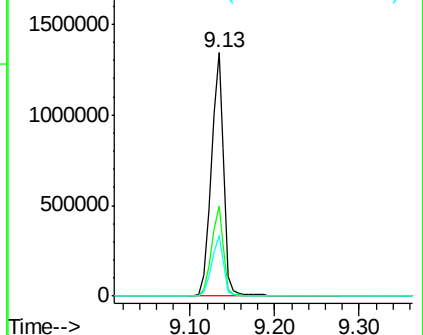


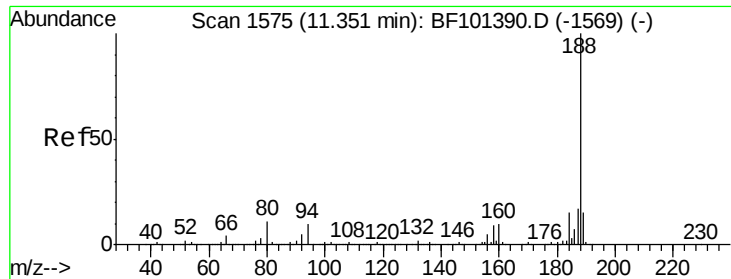
#44
 2-Fluorobiphenyl
 Concen: 92.74 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF101844.D
 Acq: 2 Jan 2018 12:08

Tgt Ion:172 Resp: 1407820
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 25.0 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

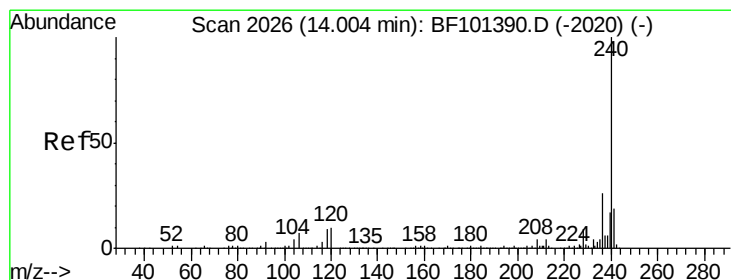
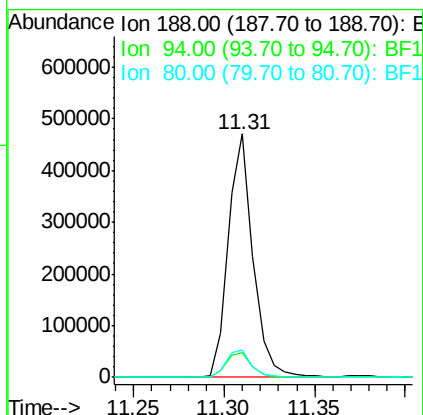
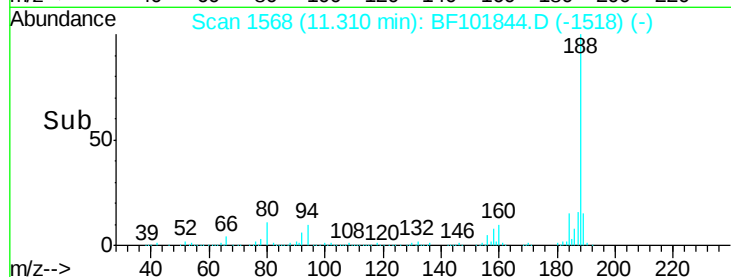
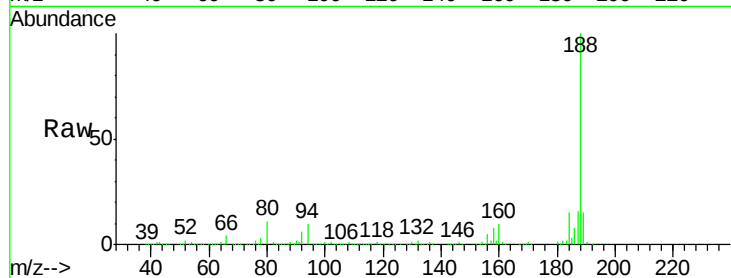




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF101844.D
Acq: 2 Jan 2018 12:08

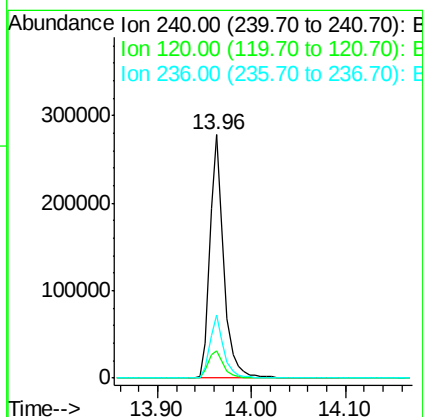
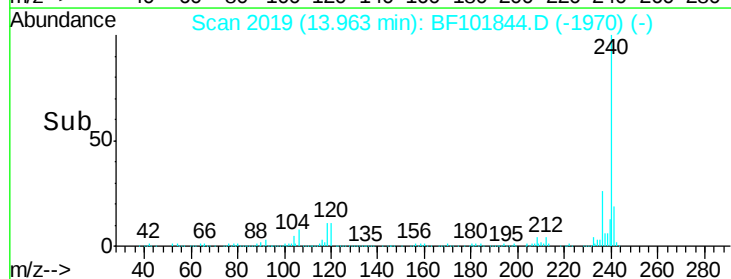
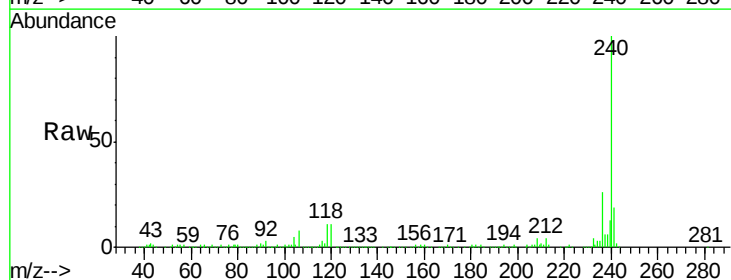
Instrument :
BNA_F
ClientSampleId :
PB105401BL

Tgt Ion:188 Resp: 448425
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101844.D
Acq: 2 Jan 2018 12:08

Tgt Ion:240 Resp: 288474
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 110.74 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101844.D

Acq: 2 Jan 2018 12:08

Instrument :

BNA_F

ClientSampleId :

PB105401BL

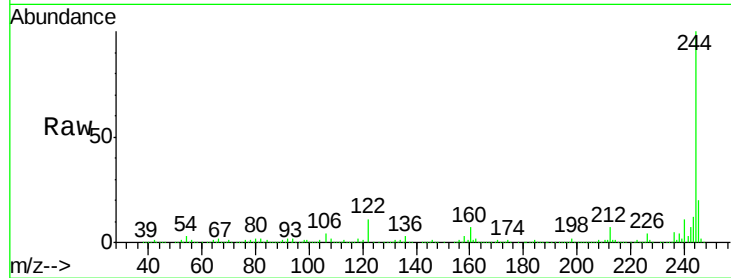
Tgt Ion:244 Resp: 1325101

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

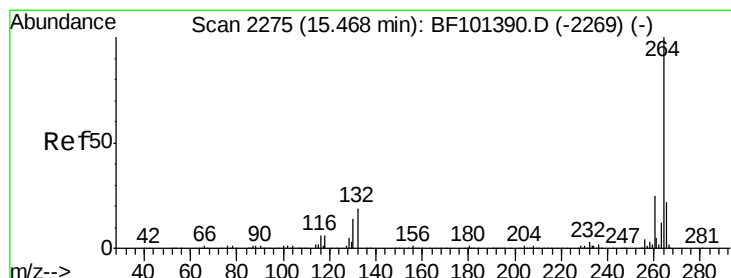
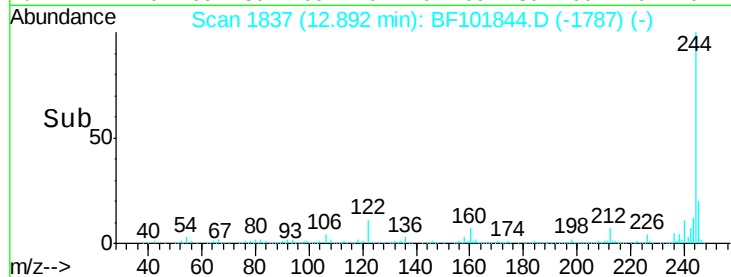
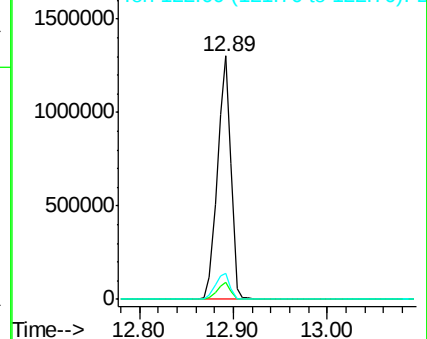
122 10.7 11.0 16.4#



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: 20.00 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF101844.D

Acq: 2 Jan 2018 12:08

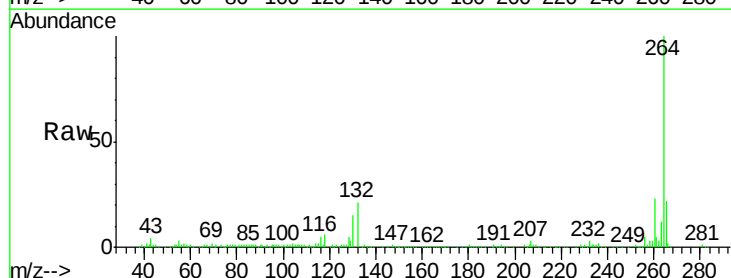
Tgt Ion:264 Resp: 244315

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.8 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

