

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101522.D
 Acq On : 19 Dec 2017 15:11
 Operator : SJ/JU
 Sample : I6908-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3

Quant Time: Dec 19 16:56:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

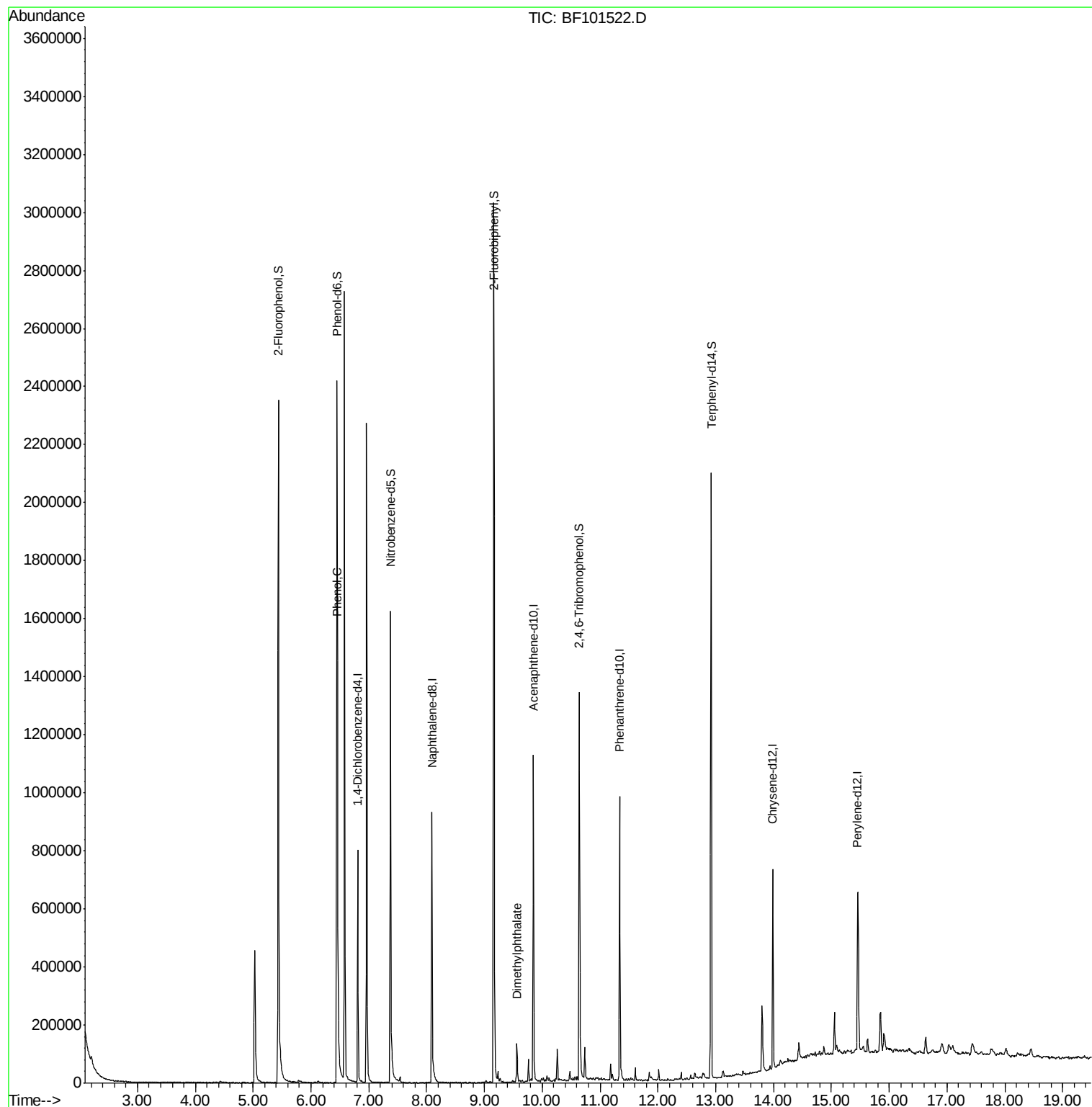
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129640	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	512820	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	225805	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	381286	20.00	ng	0.00
75) Chrysene-d12	13.99	240	246917	20.00	ng	0.00
86) Perylene-d12	15.46	264	298039	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	780398	89.67	ng	0.01
7) Phenol-d6	6.45	99	945414	87.28	ng	0.00
23) Nitrobenzene-d5	7.37	82	592332	64.30	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	179496	82.50	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	995318	68.38	ng	0.00
78) Terphenyl-d14	12.92	244	732345	71.50	ng	0.00
Target Compounds						
10) Phenol	6.46	94	44846	3.633	ng	84
49) Dimethylphthalate	9.56	163	60191	3.314	ng	98

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

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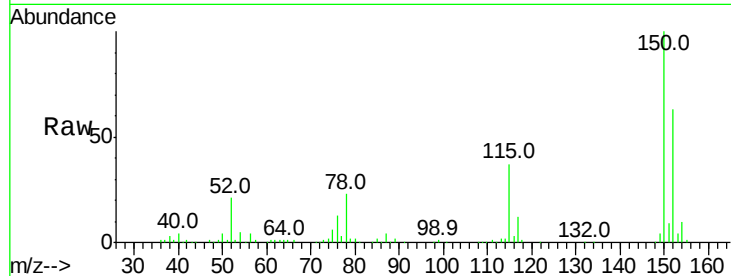


#1

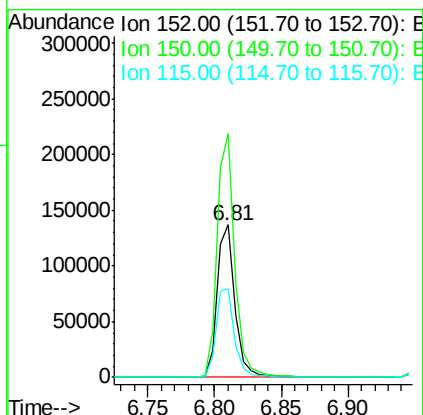
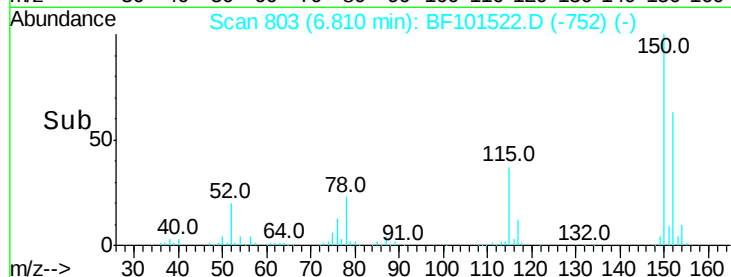
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

Instrument :
BNA_F
ClientSampleId :
3

Tot Ion:152 Resp: 129640
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 58.5 50.1 75.1



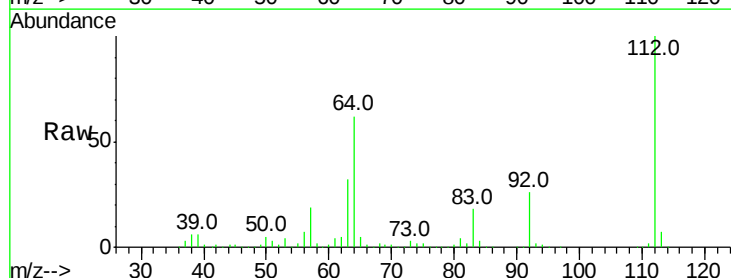
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



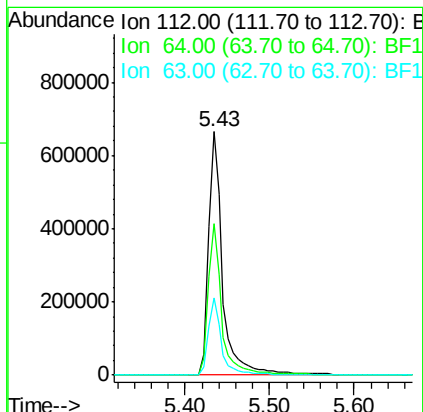
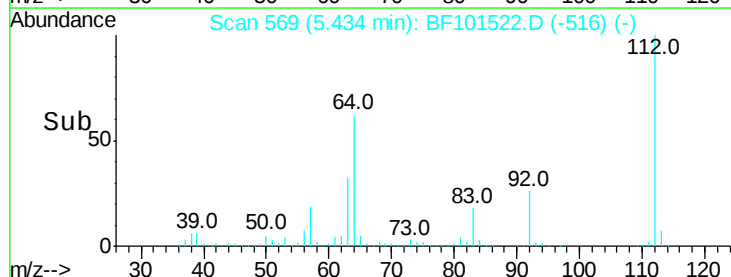
#5

2-Fluorophenol
Concen: 89.669 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

Tgt Ion:112 Resp: 780398
Ion Ratio Lower Upper
112 100
64 62.2 47.9 71.9
63 31.7 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: 87.285 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

Instrument :

BNA_F

ClientSampled :

3

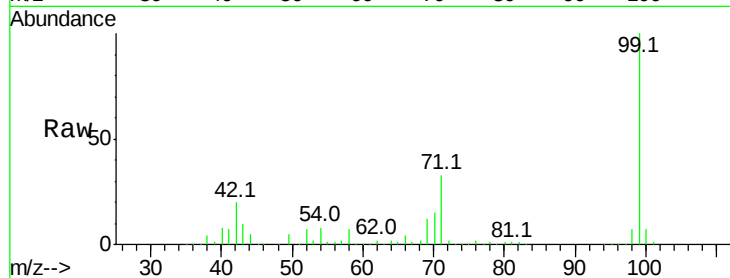
Tot Ion: 99 Resp: 945414

Ion Ratio Lower Upper

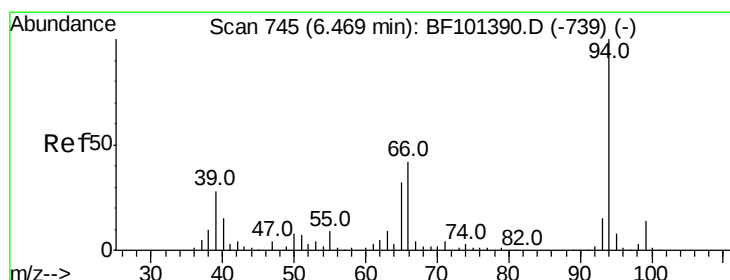
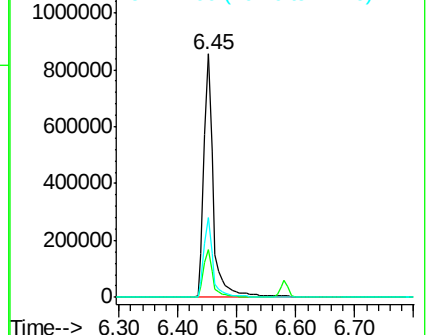
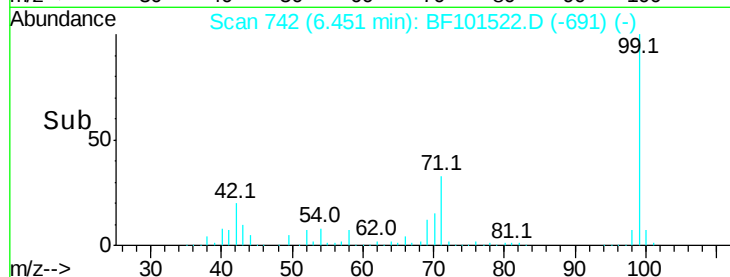
99 100

42 19.7 14.5 21.7

71 32.8 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



#10

Phenol

Concen: 3.633 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

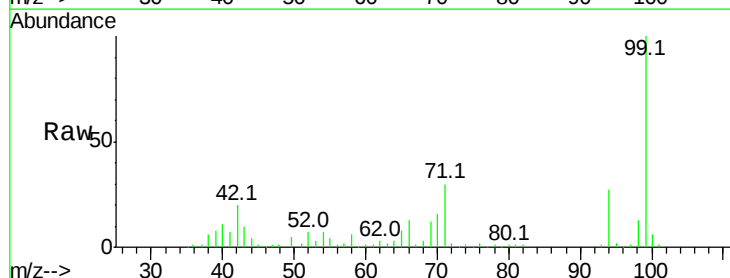
Tgt Ion: 94 Resp: 44846

Ion Ratio Lower Upper

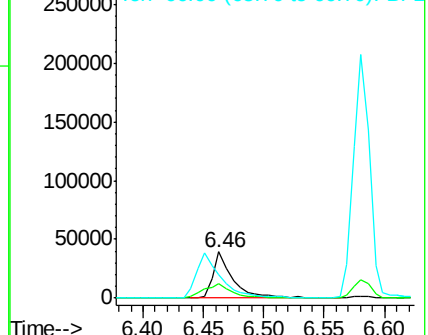
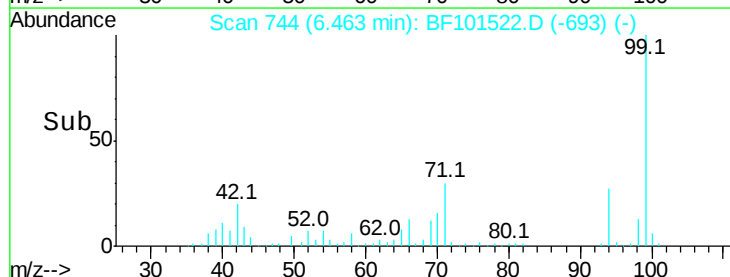
94 100

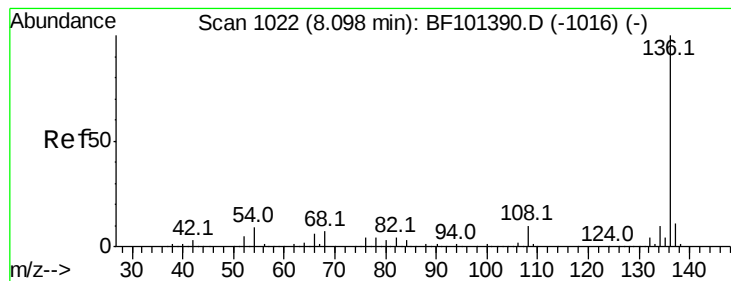
65 30.8 7.9 47.9

66 50.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

Instrument :

BNA_F

ClientSampleId :

3

Tot Ion:136 Resp: 512820

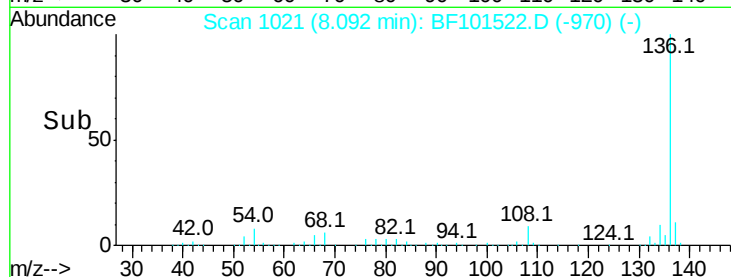
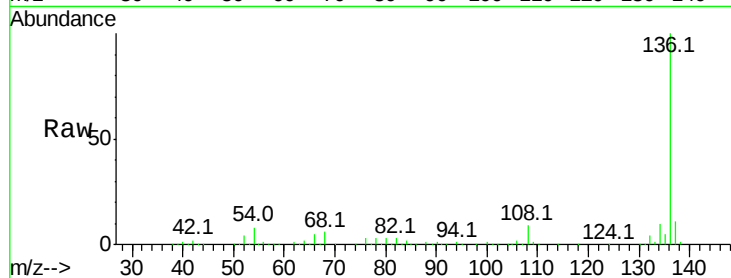
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.1 6.6 9.8

68 5.7 5.0 7.4

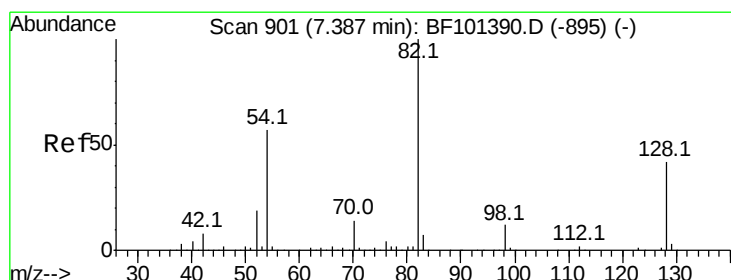
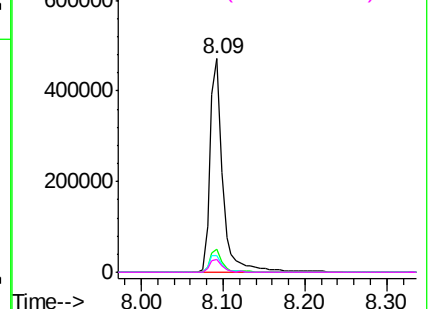


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.297 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

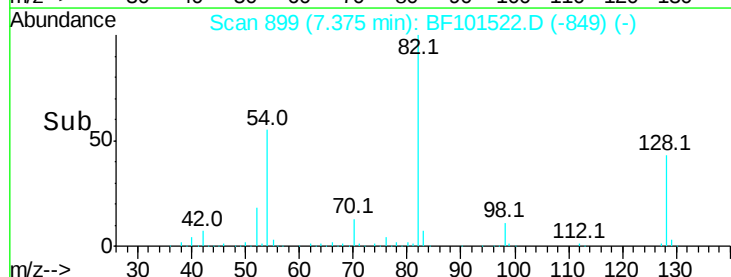
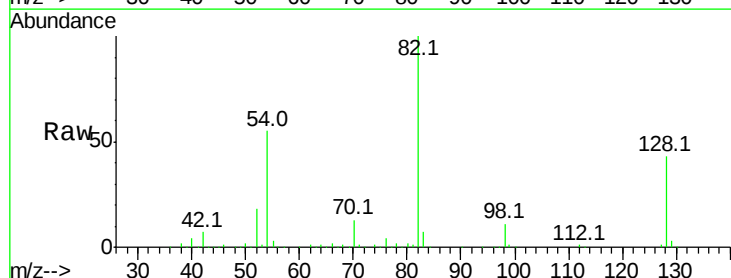
Tgt Ion: 82 Resp: 592332

Ion Ratio Lower Upper

82 100

128 43.2 36.1 54.1

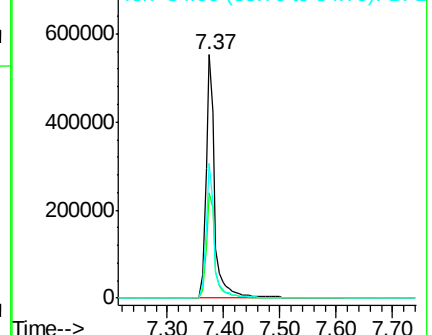
54 55.3 41.4 62.2

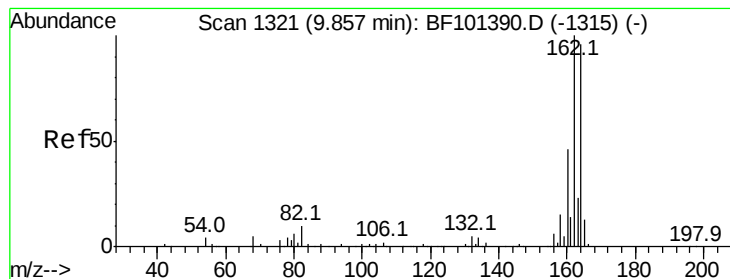


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

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. 0.00 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

Instrument :

BNA_F

ClientSampleId :

3

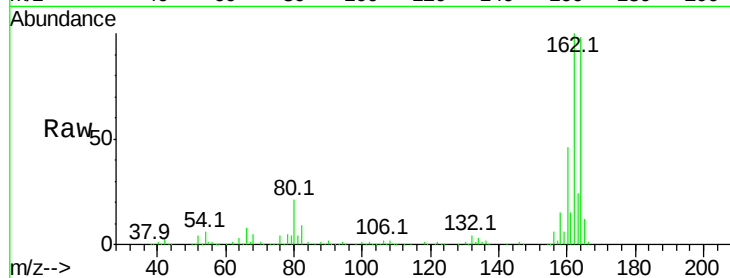
Tot Ion:164 Resp: 225805

Ion Ratio Lower Upper

164 100

162 102.5 86.1 129.1

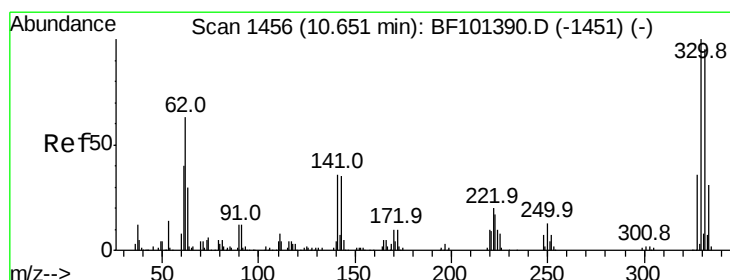
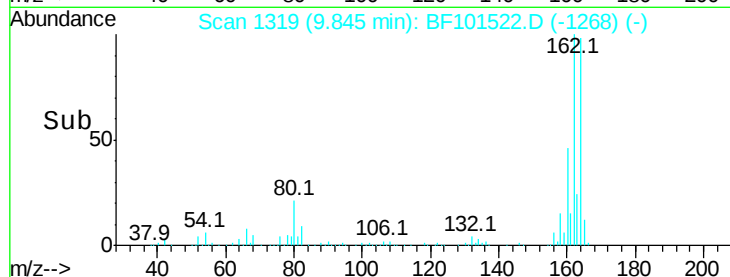
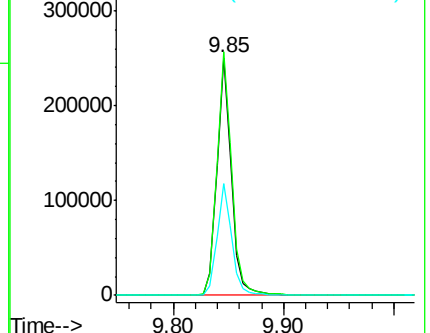
160 47.1 38.3 57.5



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: 82.496 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

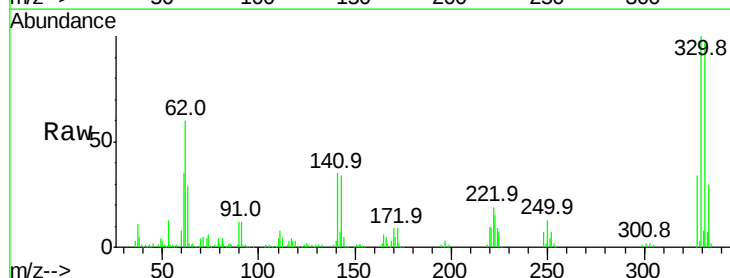
Tgt Ion:330 Resp: 179496

Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.6

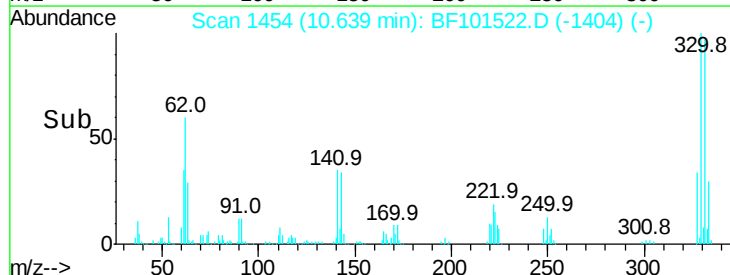
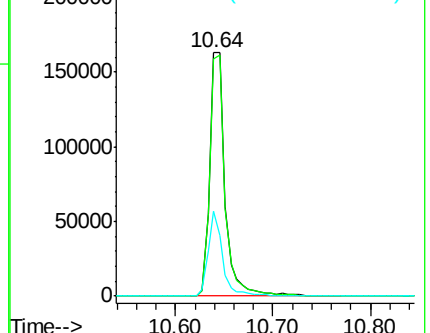
141 32.2 29.9 44.9



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

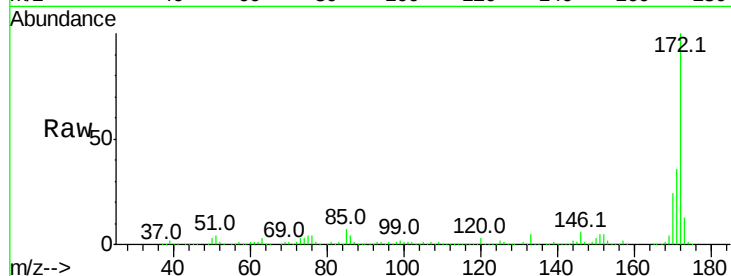




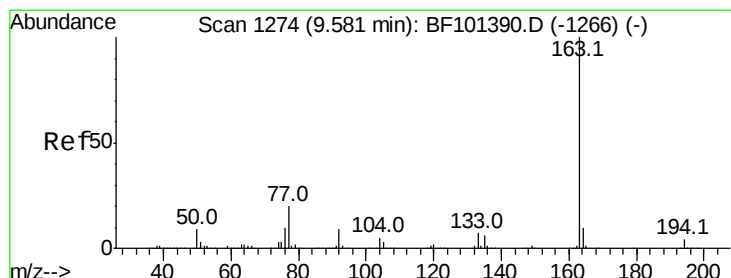
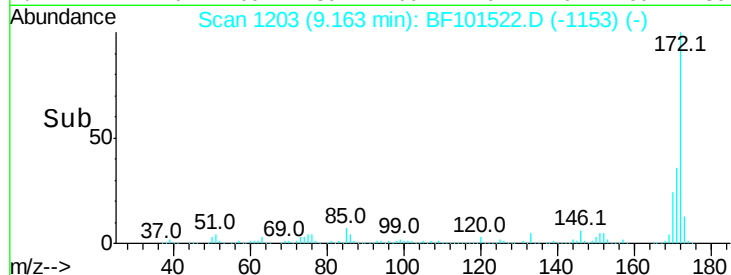
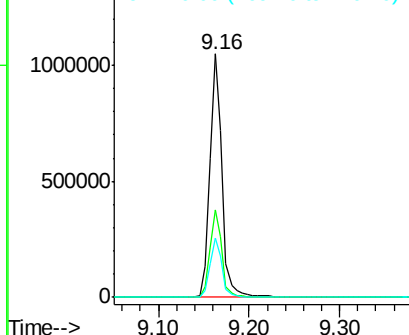
#44
2-Fluorobiphenyl
Concen: 68.377 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

Instrument :
BNA_F
ClientSampled :
3

Tot Ion:172 Resp: 995318
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.2 19.6 29.4

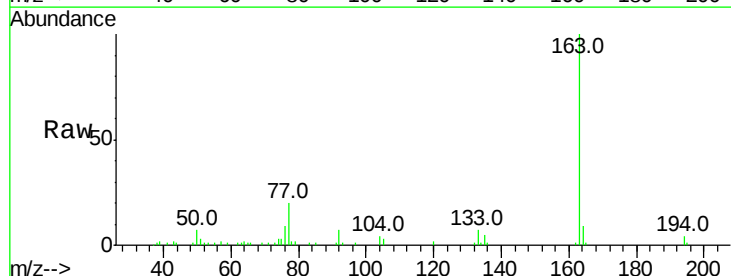


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

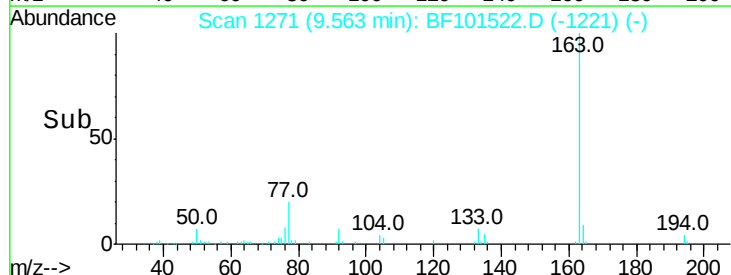
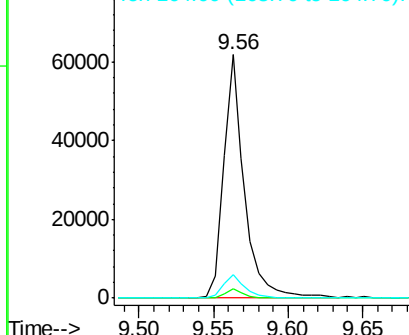


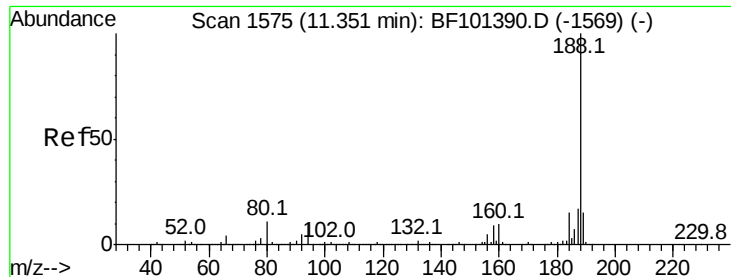
#49
Dimethylphthalate
Concen: 3.314 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

Tgt Ion:163 Resp: 60191
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

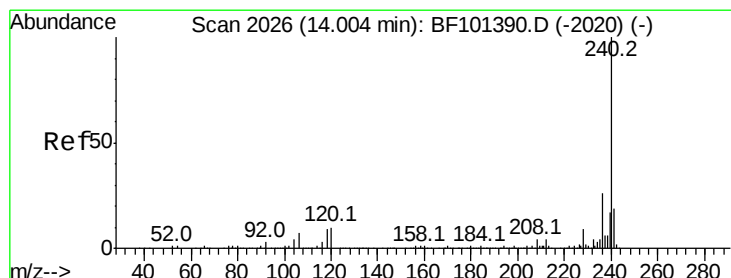
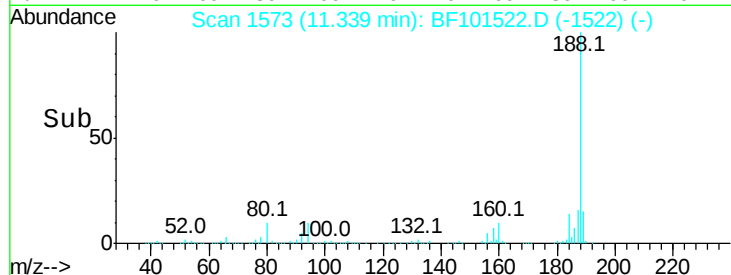
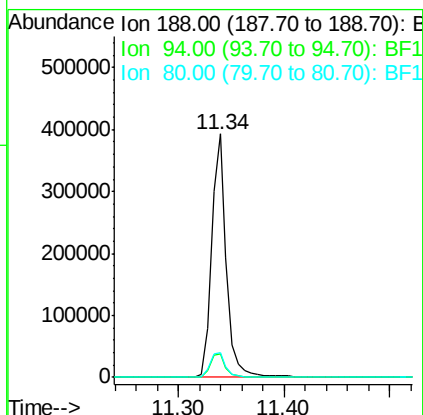
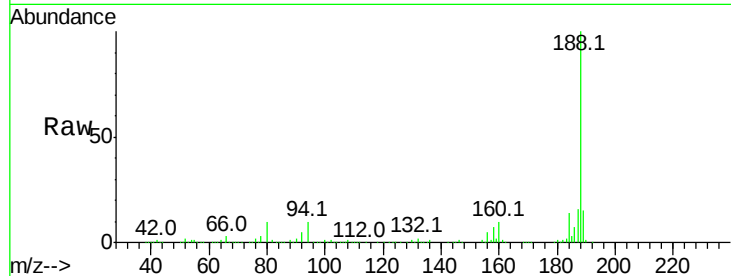




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

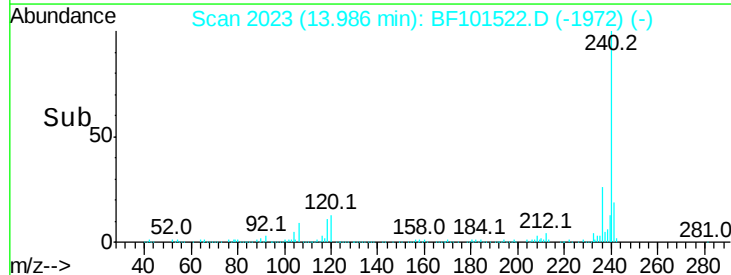
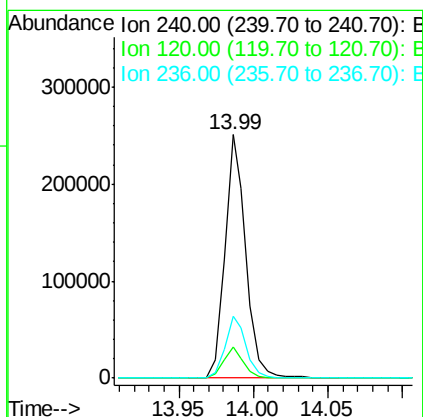
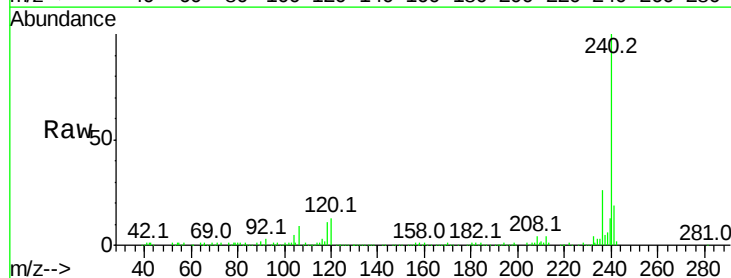
Instrument :
BNA_F
ClientSampleId :
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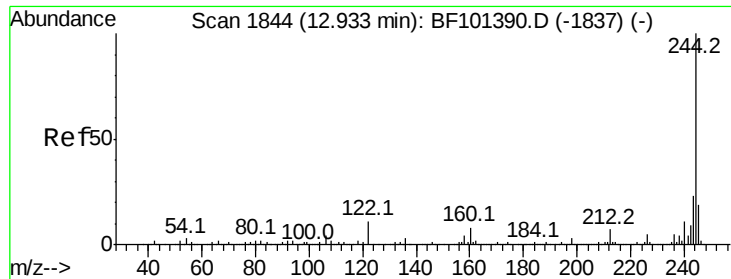
Tot Ion:188 Resp: 381286
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101522.D
Acq: 19 Dec 2017 15:11

Tgt Ion:240 Resp: 246917
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 71.502 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

Instrument :

BNA_F

ClientSampled :

3

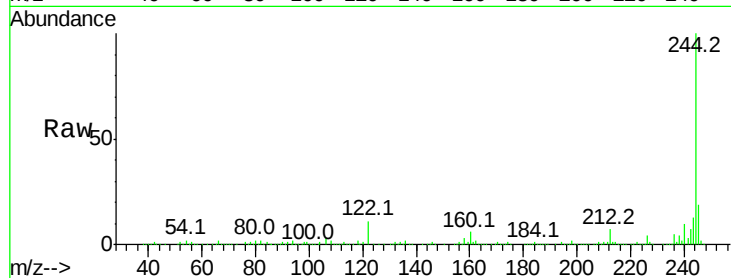
Tot Ion:244 Resp: 732345

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

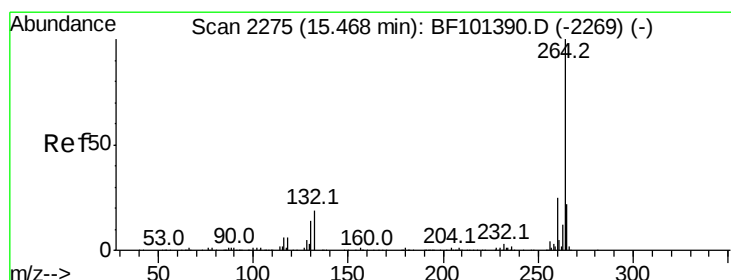
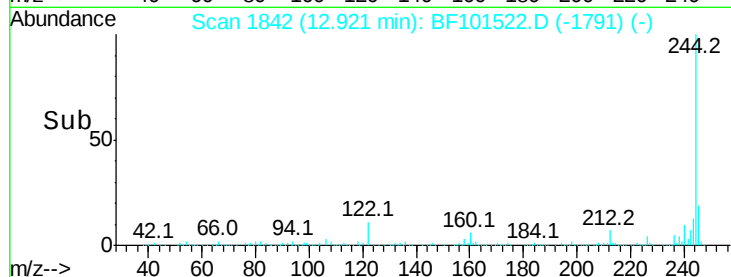
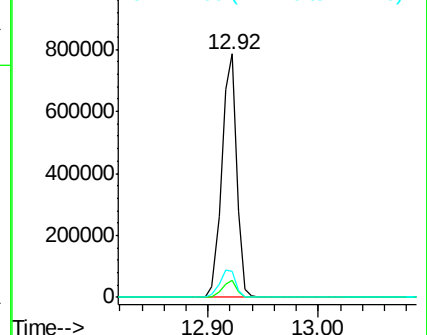
122 10.6 11.0 16.4#



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# 2274

Delta R.T. 0.01 min

Lab File: BF101522.D

Acq: 19 Dec 2017 15:11

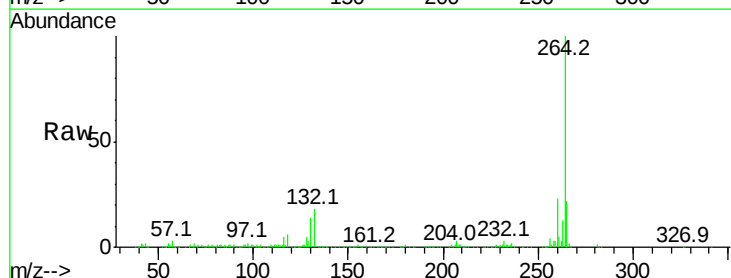
Tgt Ion:264 Resp: 298039

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.6 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

