

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101420.D
 Acq On : 15 Dec 2017 3:23
 Operator : SJ/JU
 Sample : I6824-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Quant Time: Dec 15 05:41:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 15:42:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	182361	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	748394	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	334077	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	618130	20.00	ng	0.00
75) Chrysene-d12	13.99	240	433803	20.00	ng	-0.01
86) Perylene-d12	15.46	264	346037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	719388	58.76	ng	0.00
7) Phenol-d6	6.45	99	569636	37.39	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1139253	84.74	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	393492	122.24	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1780623	82.68	ng	0.00
78) Terphenyl-d14	12.93	244	1676119	93.15	ng	0.00

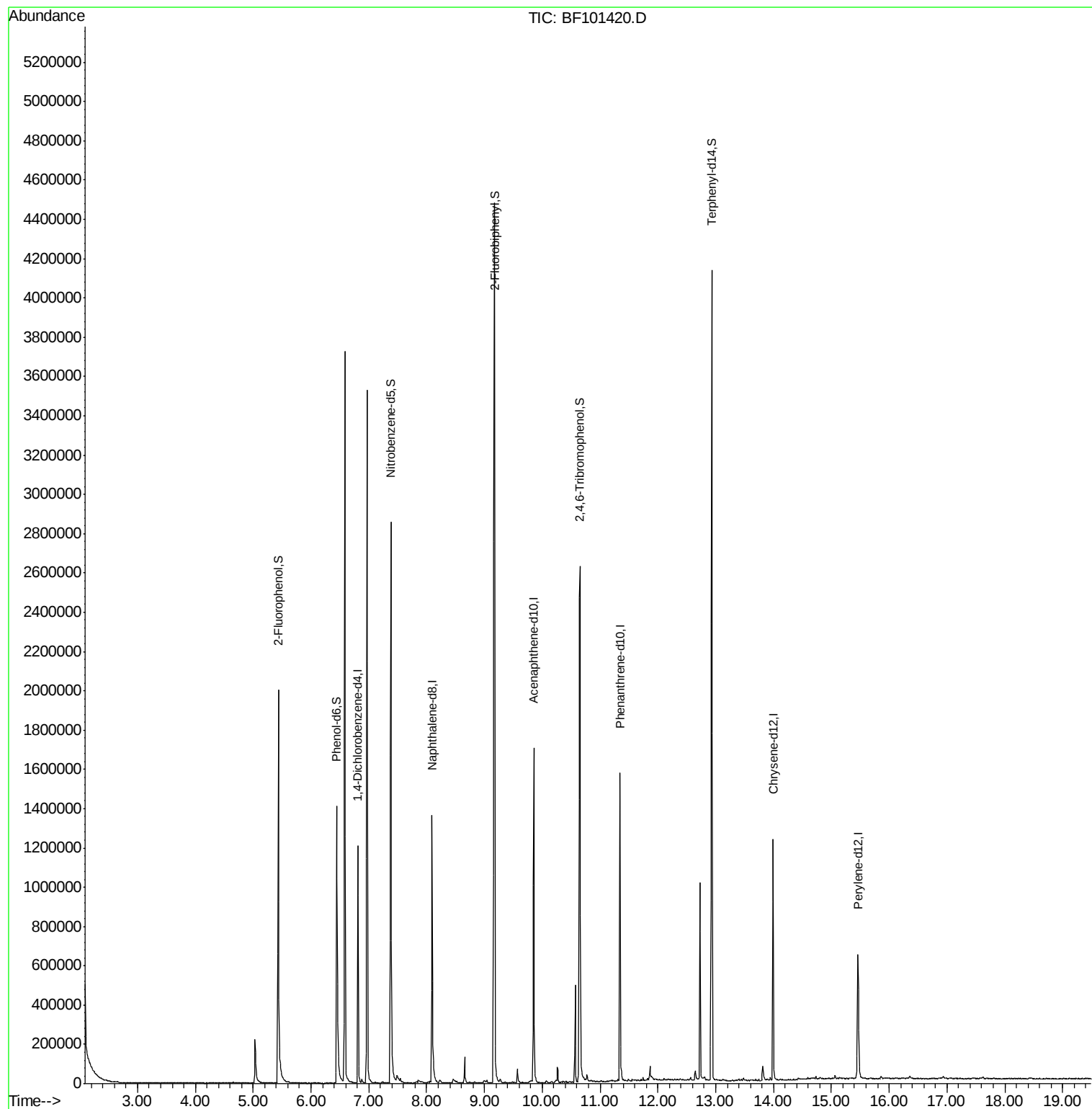
Target Compounds Qvalue

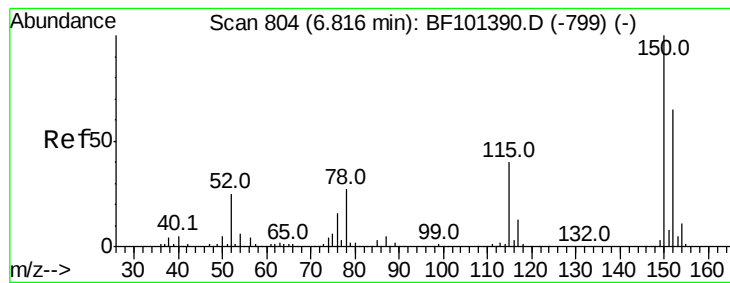
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : I6824-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Dec 15 05:41:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
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QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF101420.D

Acq: 15 Dec 2017 3:23

Instrument :

BNA_F

ClientSampleId :

TW-2

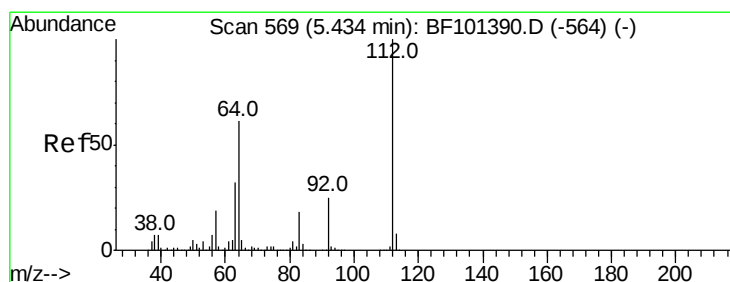
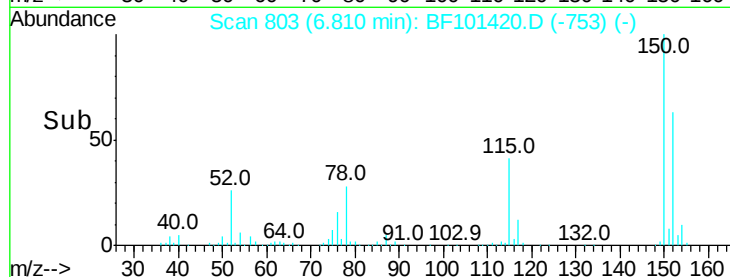
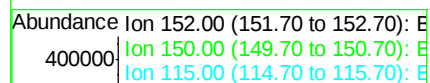
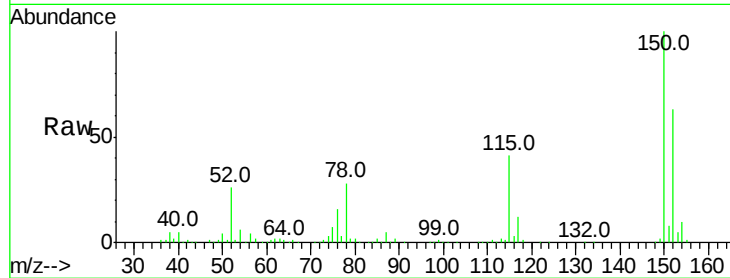
Tot Ion:152 Resp: 182361

Ion Ratio Lower Upper

152 100

150 157.9 124.6 186.8

115 64.6 50.1 75.1



#5

2-Fluorophenol

Concen: 58.762 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF101420.D

Acq: 15 Dec 2017 3:23

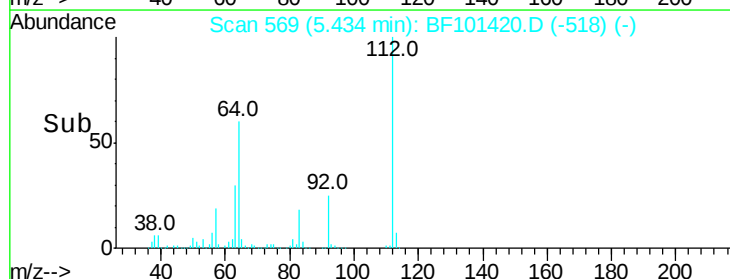
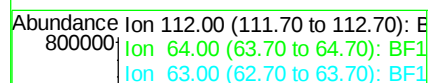
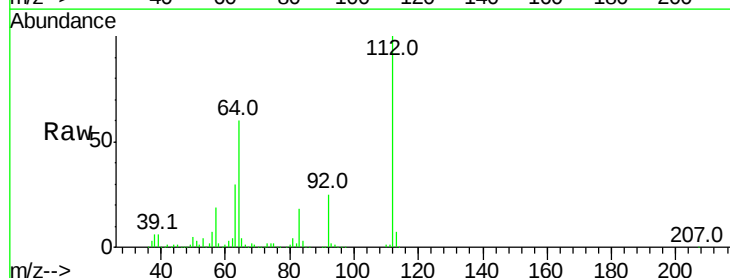
Tgt Ion:112 Resp: 719388

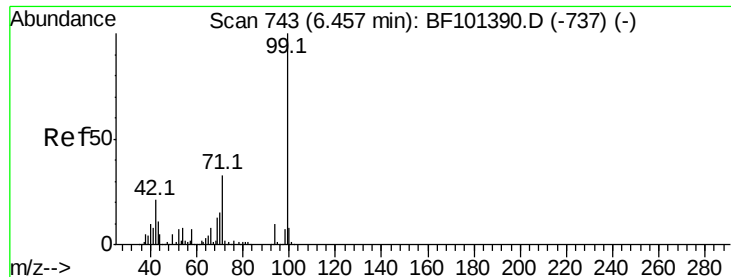
Ion Ratio Lower Upper

112 100

64 59.8 47.9 71.9

63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 37.387 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101420.D

Acq: 15 Dec 2017 3:23

Instrument :

BNA_F

ClientSampleId :

TW-2

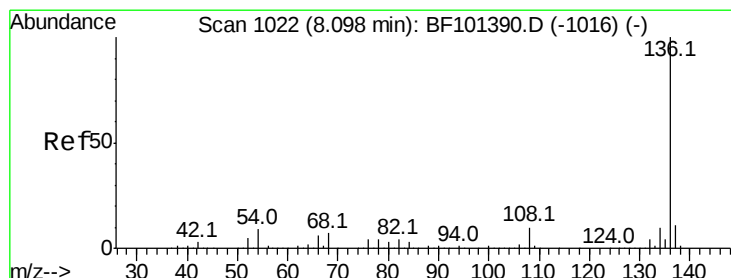
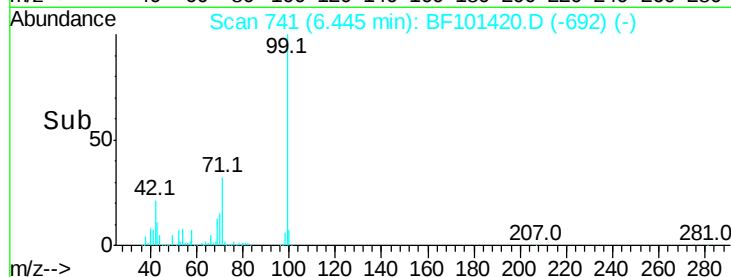
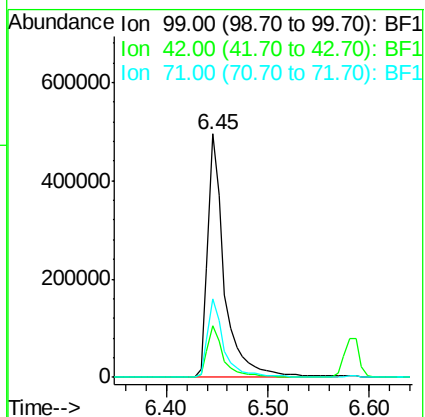
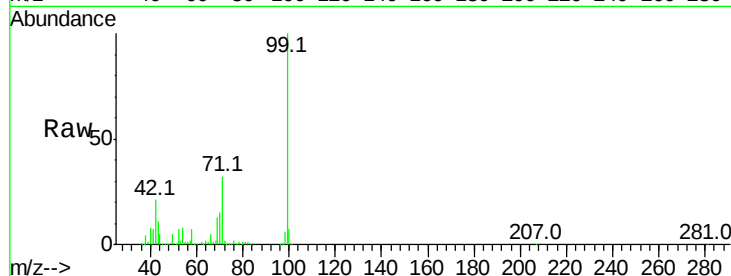
Tot Ion: 99 Resp: 569636

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 32.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF101420.D

Acq: 15 Dec 2017 3:23

Tgt Ion: 136 Resp: 748394

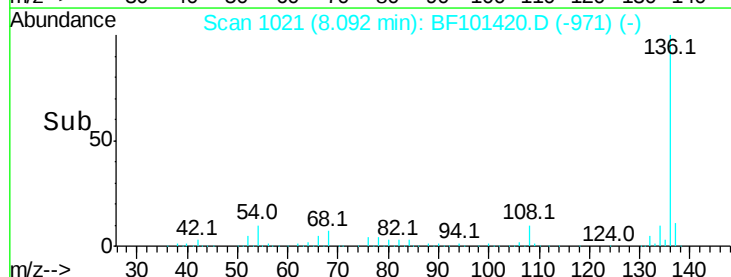
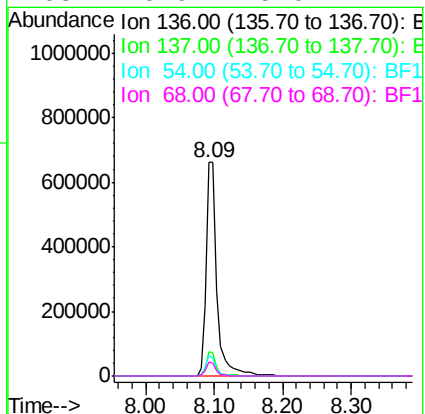
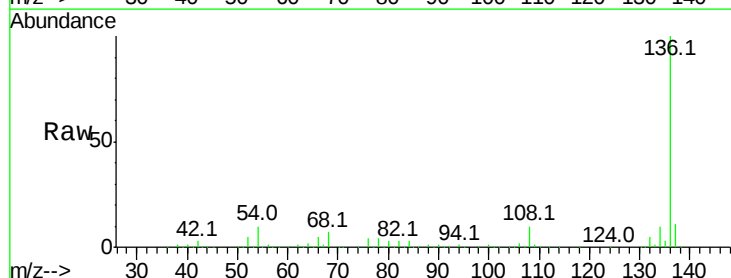
Ion Ratio Lower Upper

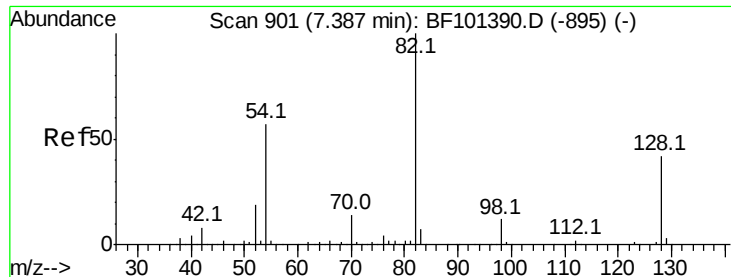
136 100

137 11.1 8.9 13.3

54 9.8 6.6 9.8#

68 6.9 5.0 7.4



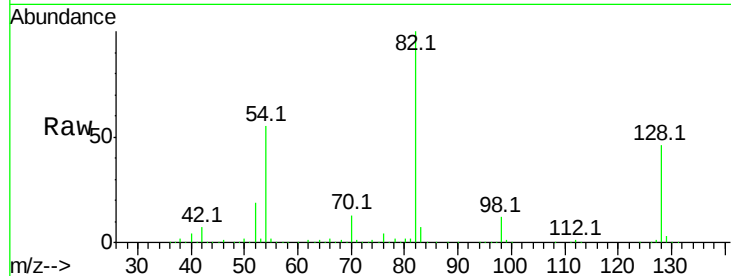


#23
 Nitrobenzene-d5
 Concen: 84.738 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF101420.D
 Acq: 15 Dec 2017 3:23

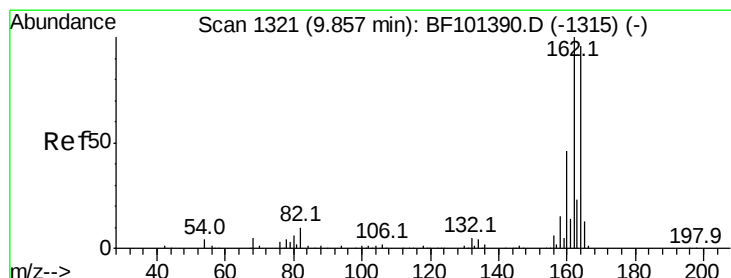
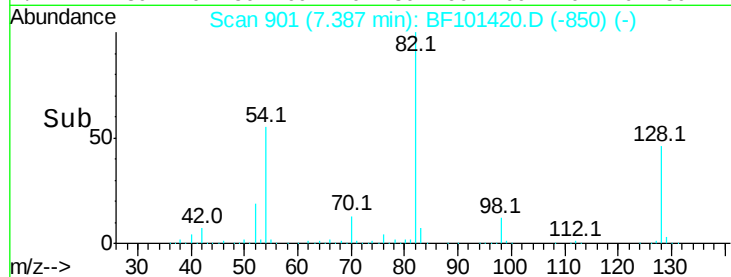
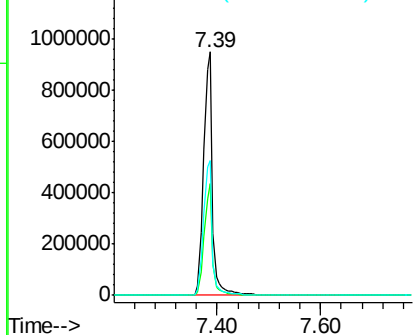
Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tot Ion: 82 Resp: 1139253

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	55.3	41.4	62.2



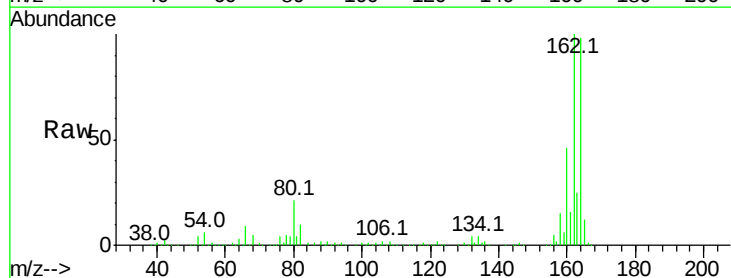
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



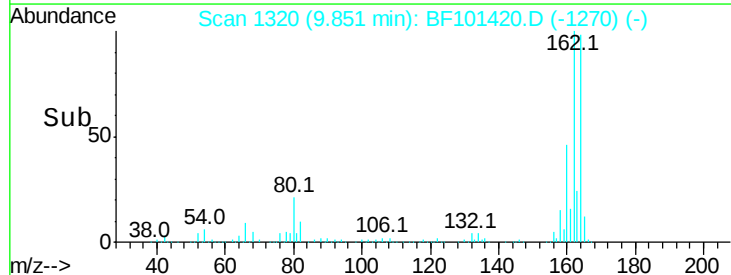
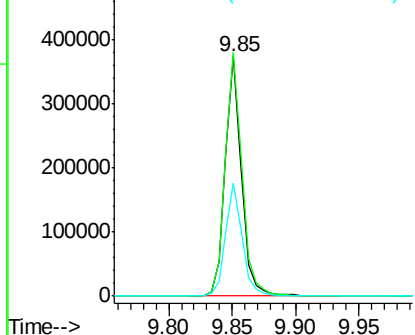
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF101420.D
 Acq: 15 Dec 2017 3:23

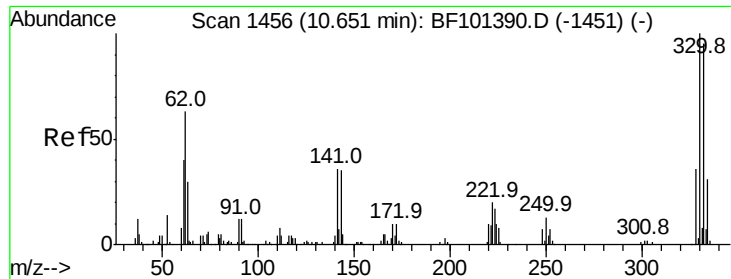
Tgt Ion:164 Resp: 334077

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	47.1	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

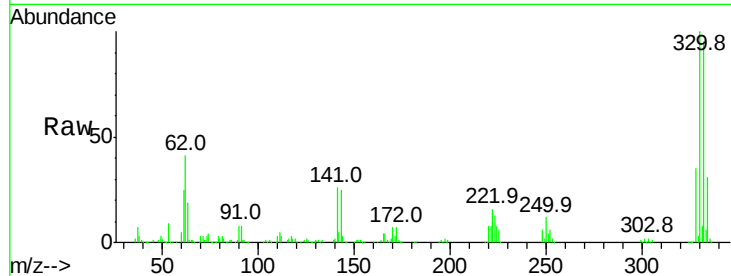




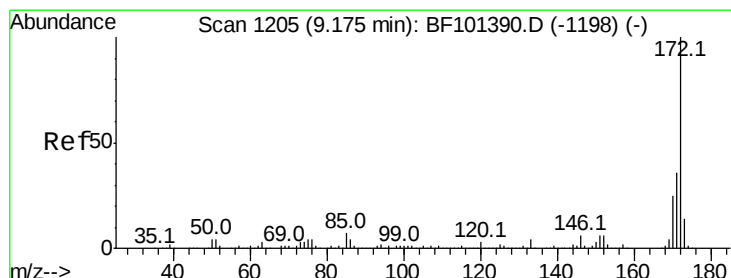
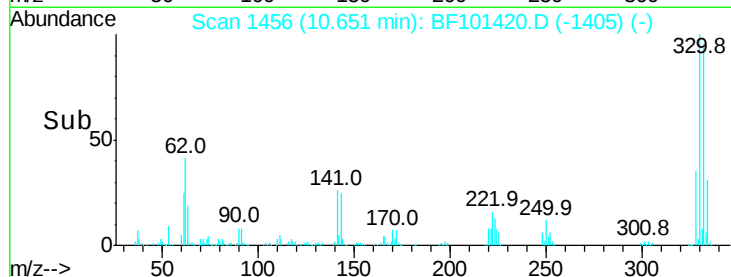
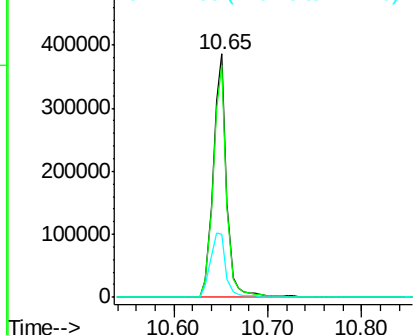
#41
 2,4,6-Tribromophenol
 Concen: 122.237 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF101420.D
 Acq: 15 Dec 2017 3:23

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	31.5	29.9	44.9

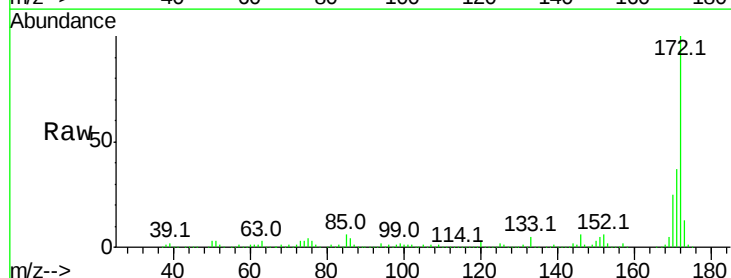


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

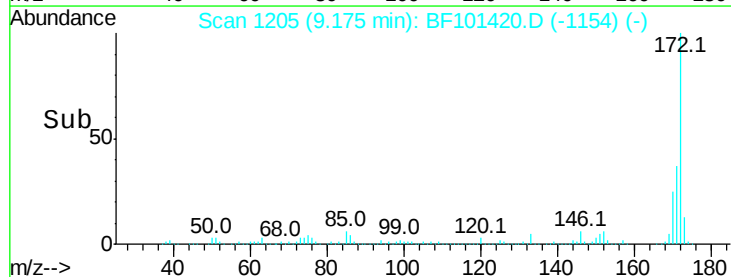
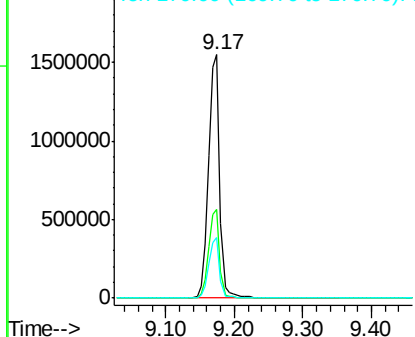


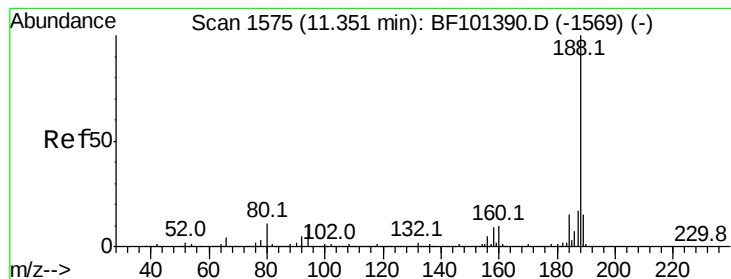
#44
 2-Fluorobiphenyl
 Concen: 82.681 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF101420.D
 Acq: 15 Dec 2017 3:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.9	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: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF101420.D

Acq: 15 Dec 2017 3:23

Instrument :

BNA_F

ClientSampled :

TW-2

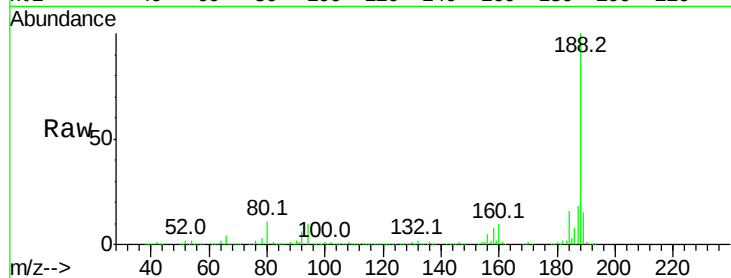
Tot Ion:188 Resp: 618130

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

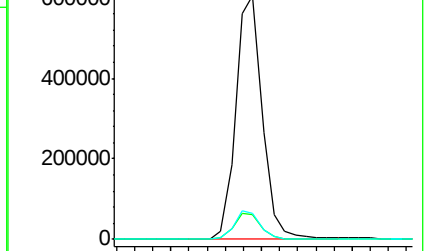
80 10.7 9.2 13.8



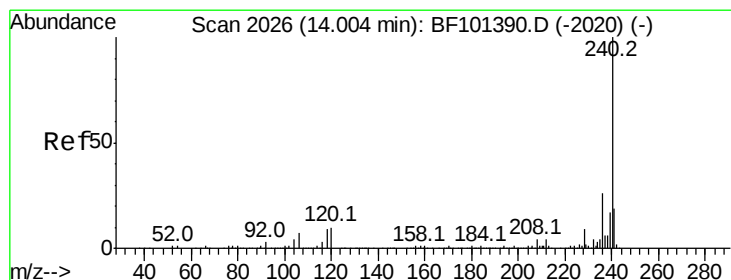
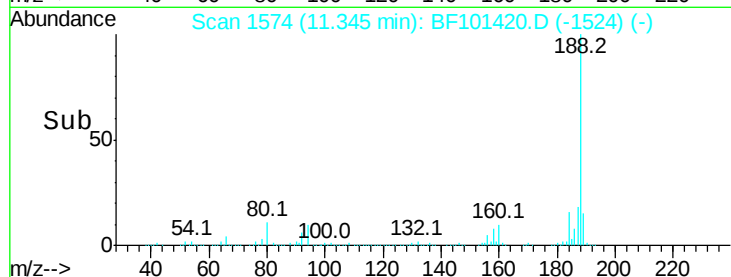
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101420.D

Acq: 15 Dec 2017 3:23

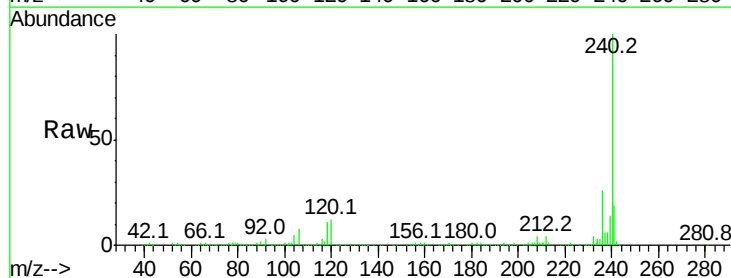
Tgt Ion:240 Resp: 433803

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

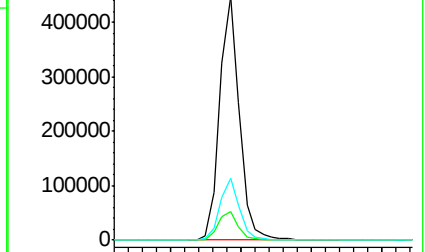
236 25.5 20.7 31.1



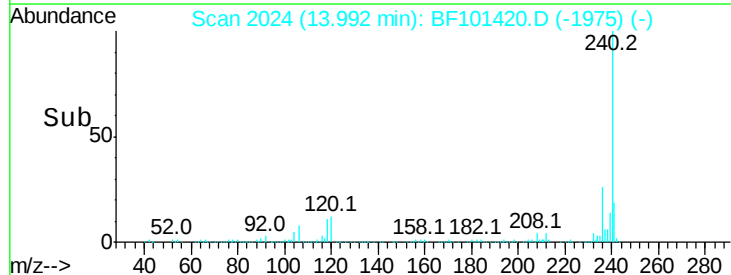
Abundance Ion 240.00 (239.70 to 240.70): E

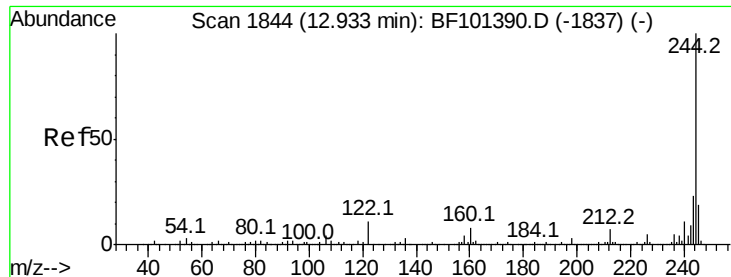
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

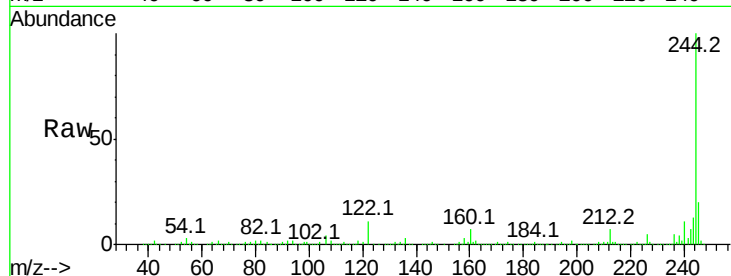




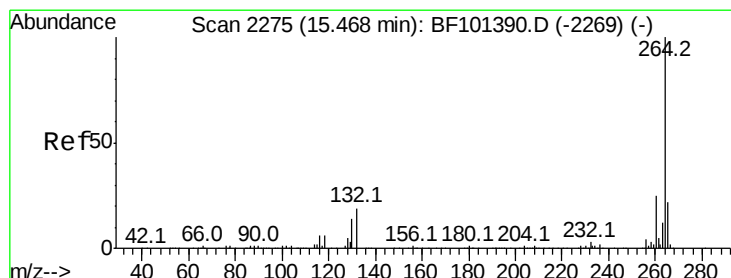
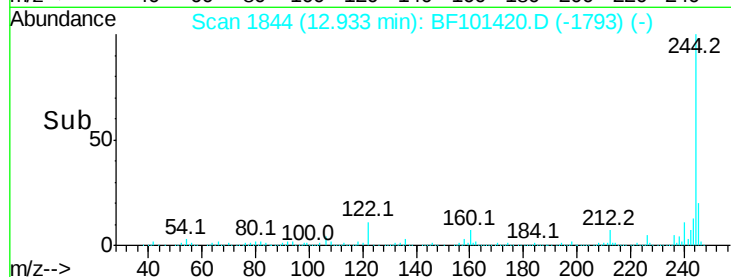
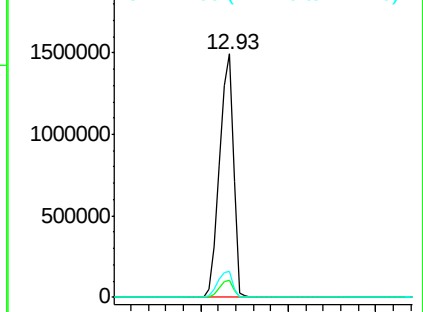
#78
 Terphenyl-d14
 Concen: 93.147 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF101420.D
 Acq: 15 Dec 2017 3:23

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tot Ion:244 Resp: 1676119
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.5 11.0 16.4#

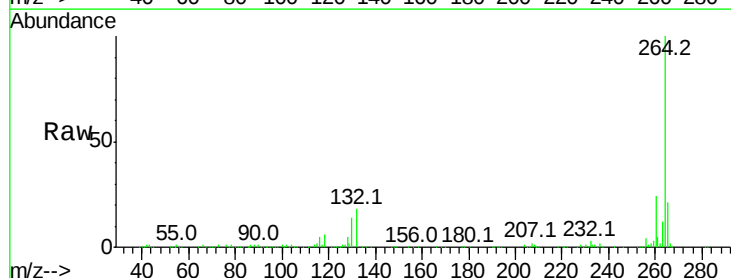


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF101420.D
 Acq: 15 Dec 2017 3:23

Tgt Ion:264 Resp: 346037
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.3 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

