

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101400.D
 Acq On : 14 Dec 2017 18:29
 Operator : SJ/JU
 Sample : PB104947BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104947BL

Quant Time: Dec 15 00:12:41 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	6.82	152	184863	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	755045	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	346161	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	683124	20.00	ng	0.00
75) Chrysene-d12	13.99	240	544185	20.00	ng	-0.01
86) Perylene-d12	15.46	264	409527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1353782	109.08	ng	0.01
7) Phenol-d6	6.46	99	1644627	106.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	1104300	81.41	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	396326	118.82	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1800634	80.69	ng	0.00
78) Terphenyl-d14	12.93	244	1753718	77.69	ng	0.00

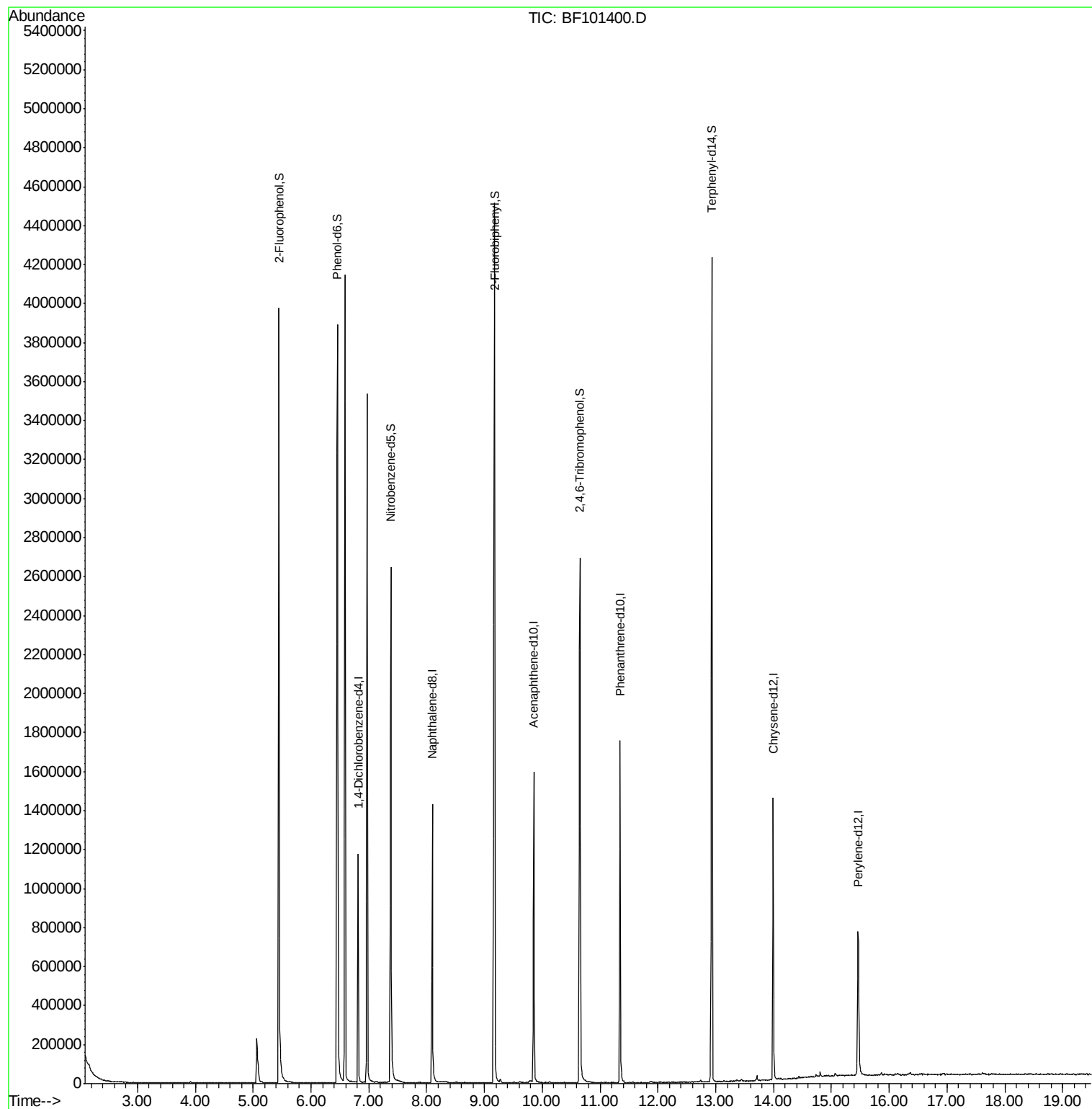
Target Compounds Qvalue

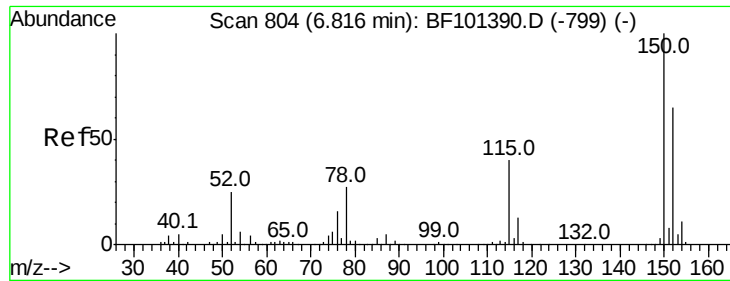
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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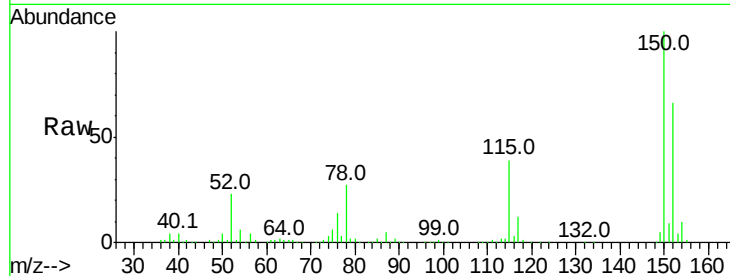


#1

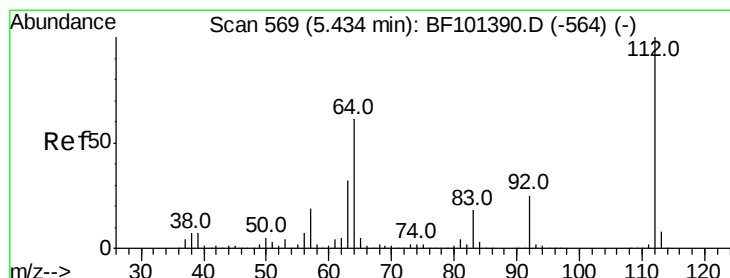
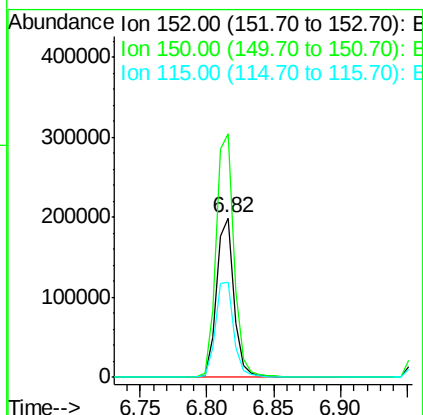
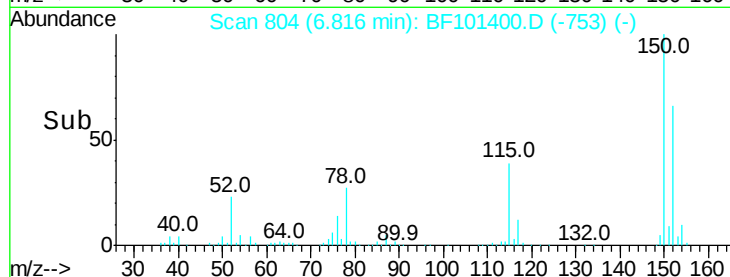
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF101400.D
Acq: 14 Dec 2017 18:29

Instrument :
BNA_F
ClientSampleId :
PB104947BL

Tot Ion:152 Resp: 184863
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 59.7 50.1 75.1



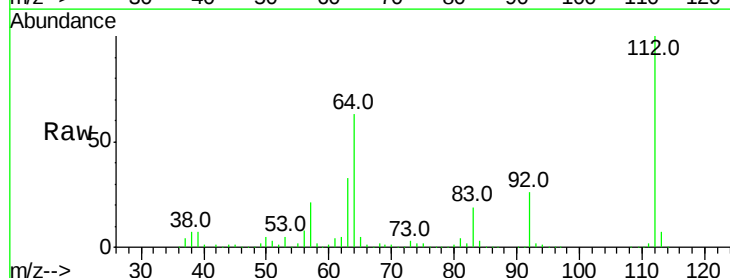
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



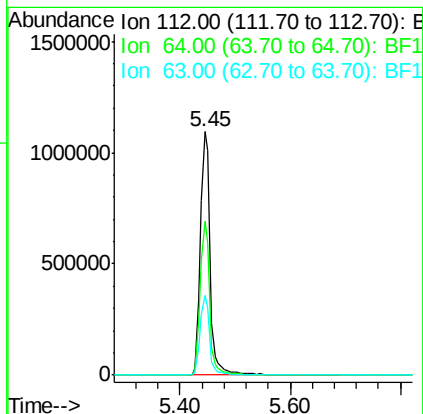
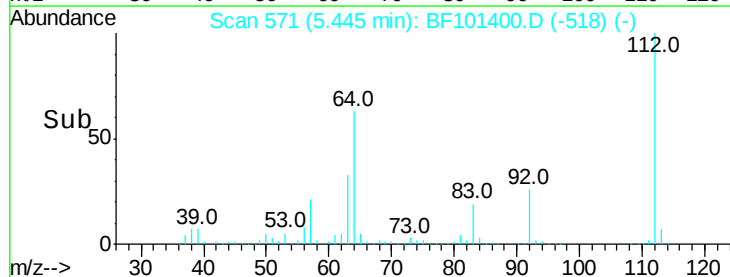
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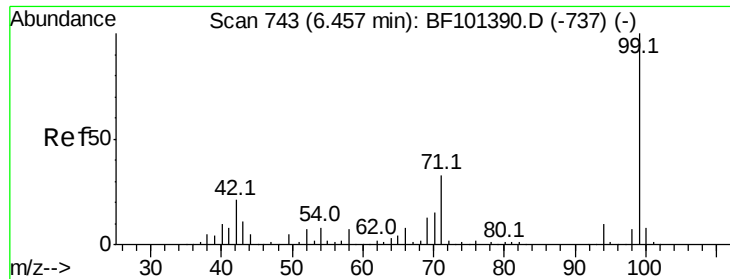
2-Fluorophenol
Concen: 109.084 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101400.D
Acq: 14 Dec 2017 18:29

Tgt Ion:112 Resp: 1353782
Ion Ratio Lower Upper
112 100
64 63.1 47.9 71.9
63 32.6 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: 106.481 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF101400.D

Acq: 14 Dec 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB104947BL

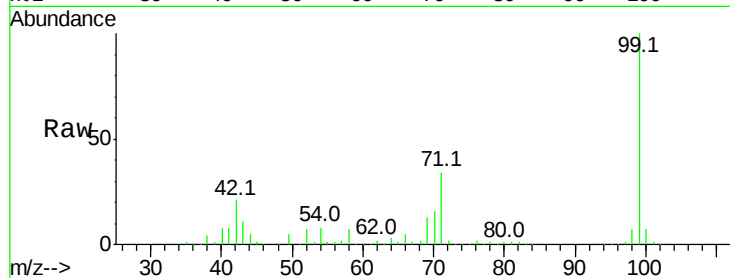
Tot Ion: 99 Resp: 1644627

Ion Ratio Lower Upper

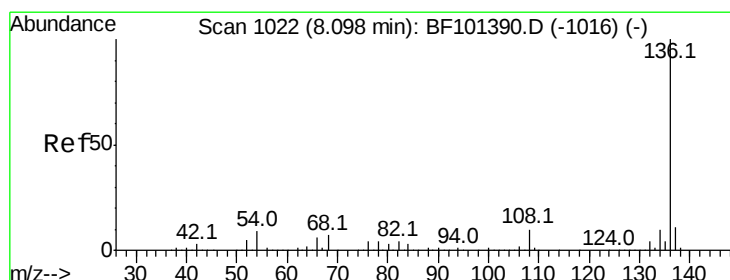
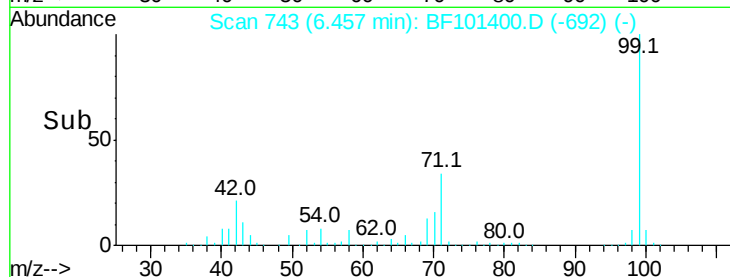
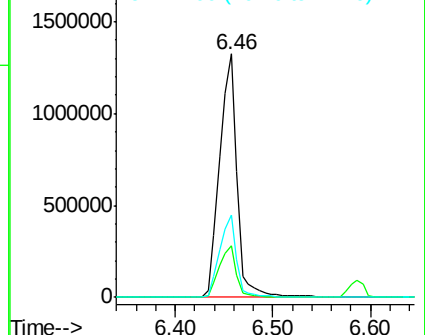
99 100

42 21.3 14.5 21.7

71 33.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF101400.D

Acq: 14 Dec 2017 18:29

Tgt Ion: 136 Resp: 755045

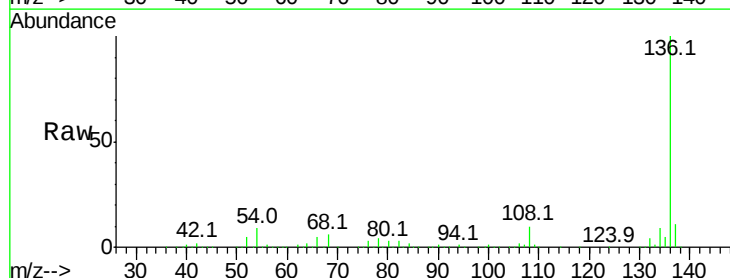
Ion Ratio Lower Upper

136 100

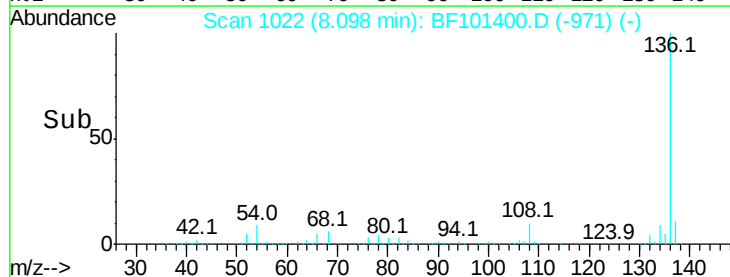
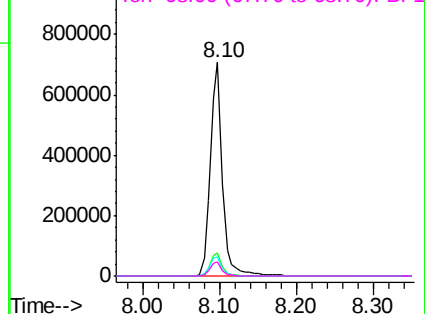
137 10.8 8.9 13.3

54 9.0 6.6 9.8

68 6.4 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

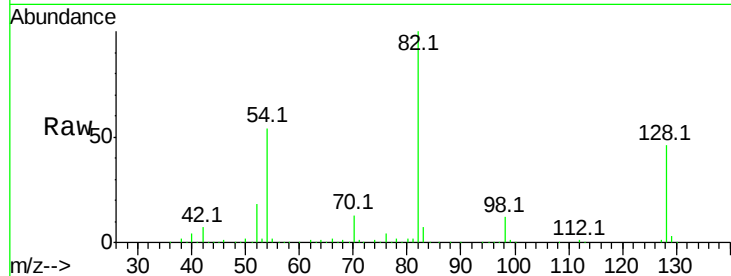




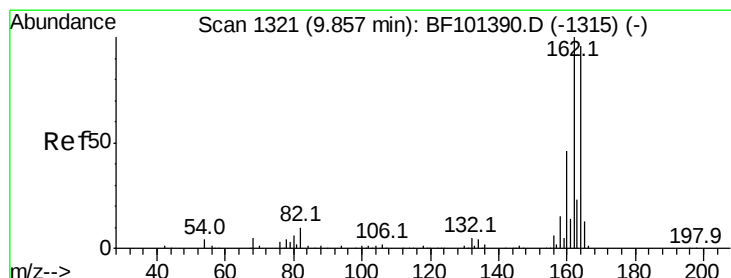
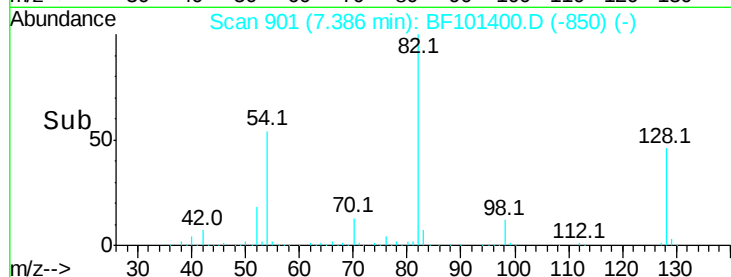
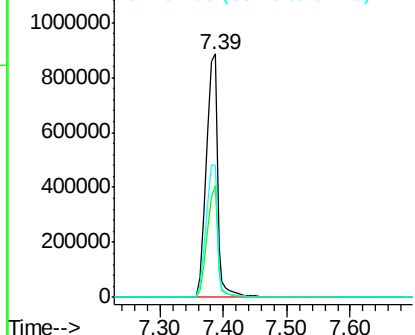
#23
Nitrobenzene-d5
Concen: 81.415 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101400.D
Acq: 14 Dec 2017 18:29

Instrument :
BNA_F
ClientSampleId :
PB104947BL

Tot Ion: 82 Resp: 1104300
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 54.3 41.4 62.2

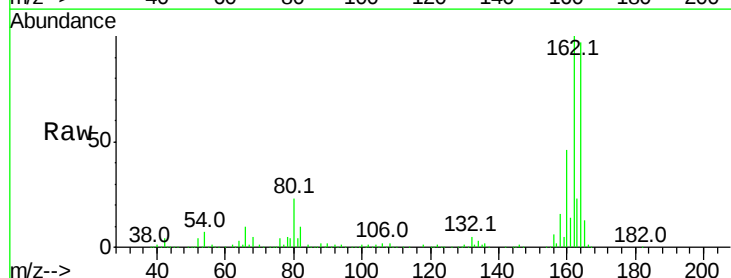


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

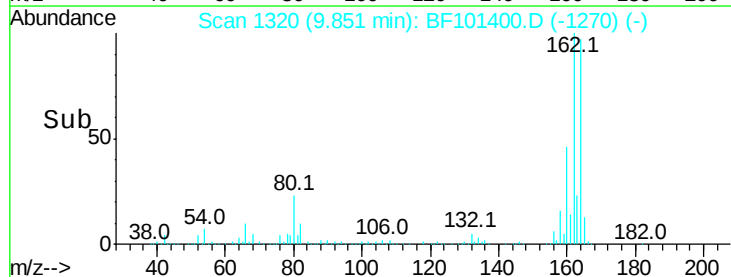
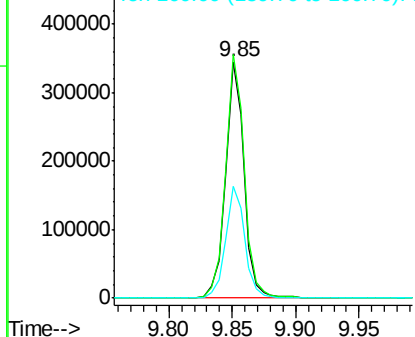


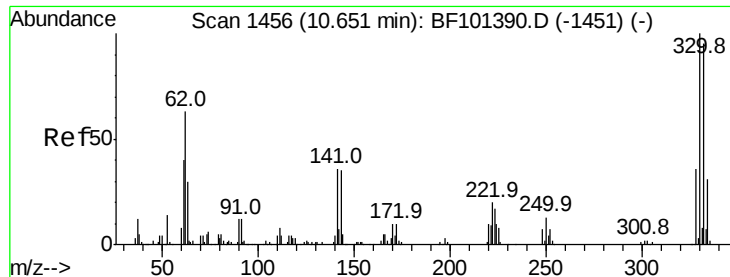
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101400.D
Acq: 14 Dec 2017 18:29

Tgt Ion:164 Resp: 346161
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 47.2 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

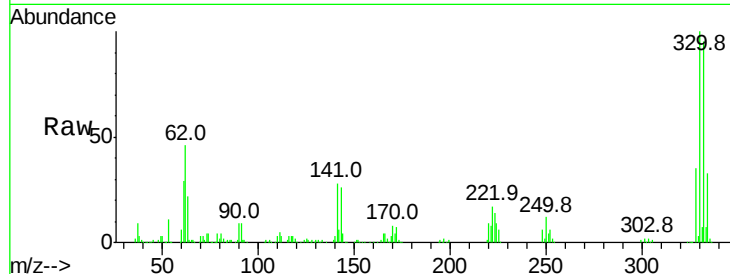




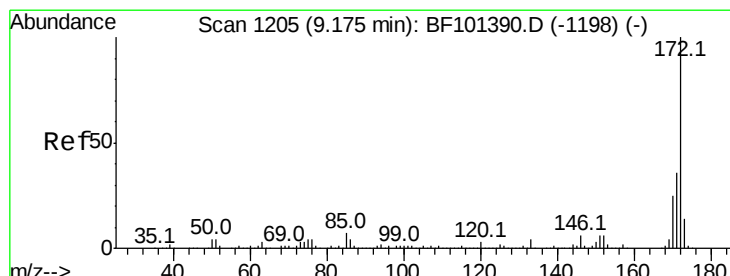
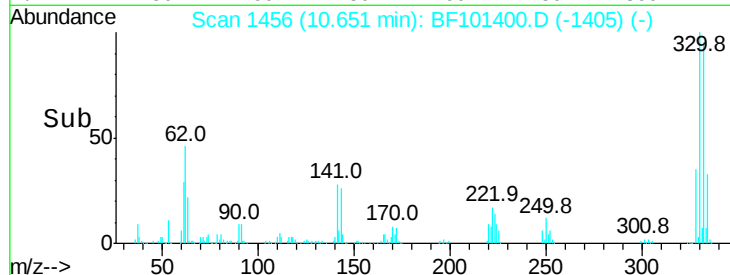
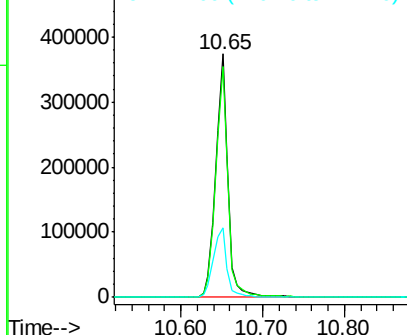
#41
 2,4,6-Tribromophenol
 Concen: 118.819 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF101400.D
 Acq: 14 Dec 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB104947BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.5	29.9	44.9

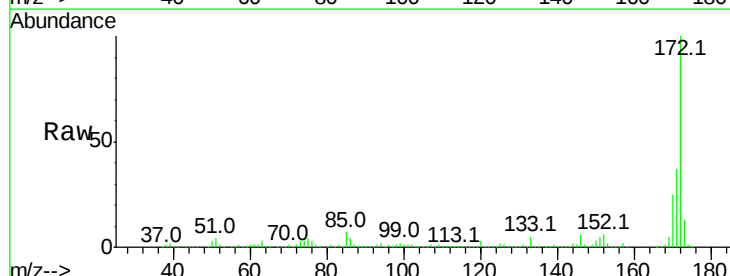


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

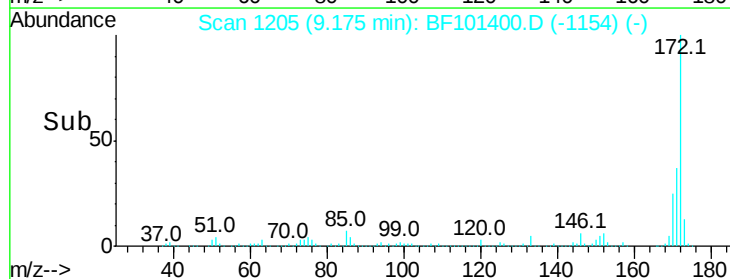
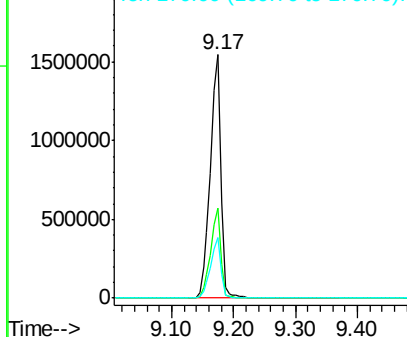


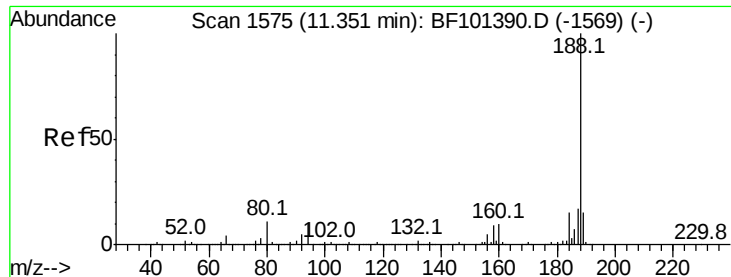
#44
 2-Fluorobiphenyl
 Concen: 80.691 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF101400.D
 Acq: 14 Dec 2017 18:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.7	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

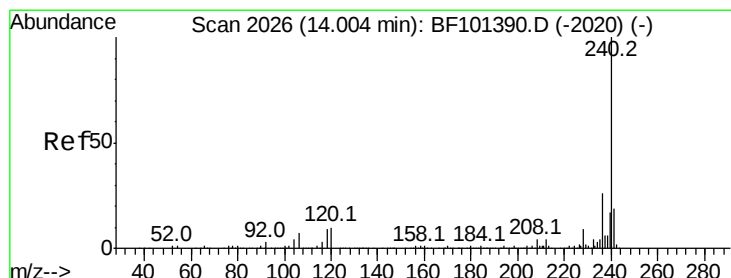
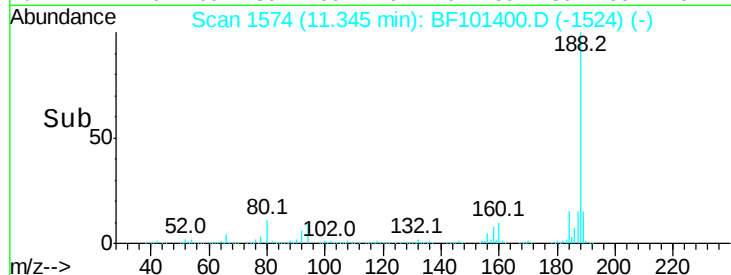
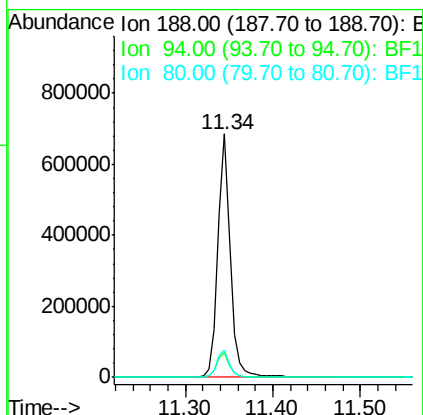
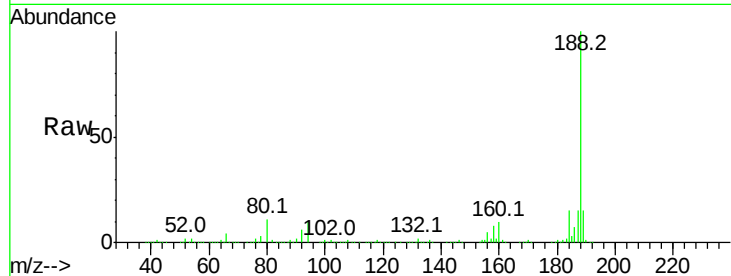




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101400.D
Acq: 14 Dec 2017 18:29

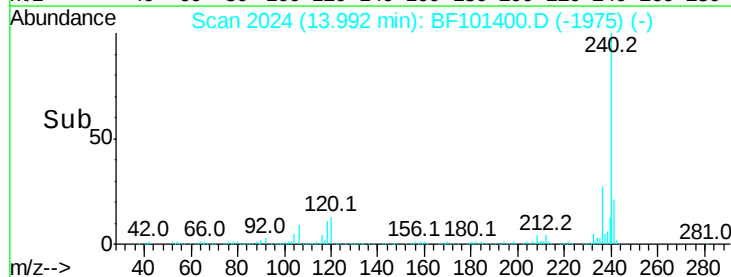
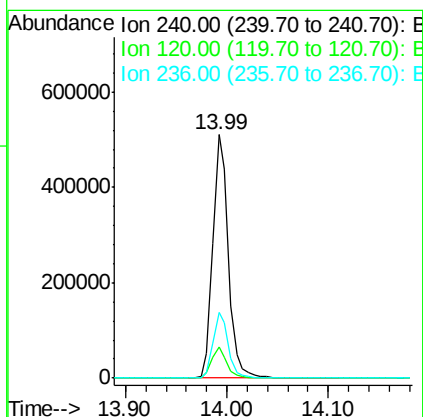
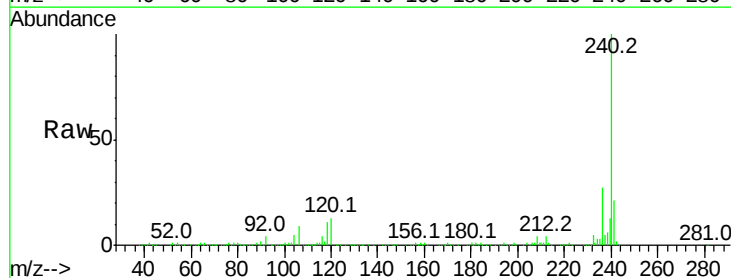
Instrument :
BNA_F
ClientSampleId :
PB104947BL

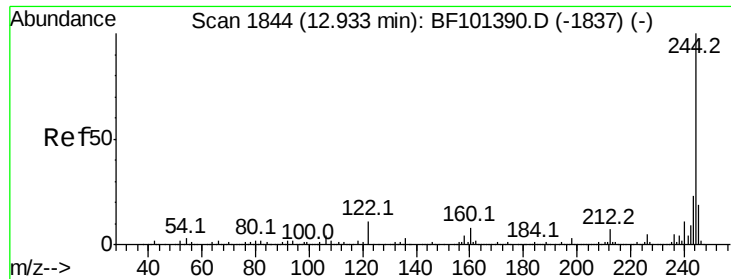
Tot Ion:188 Resp: 683124
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101400.D
Acq: 14 Dec 2017 18:29

Tgt Ion:240 Resp: 544185
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 26.9 20.7 31.1





#78

Terphenyl-d14

Concen: 77.691 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF101400.D

Acq: 14 Dec 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB104947BL

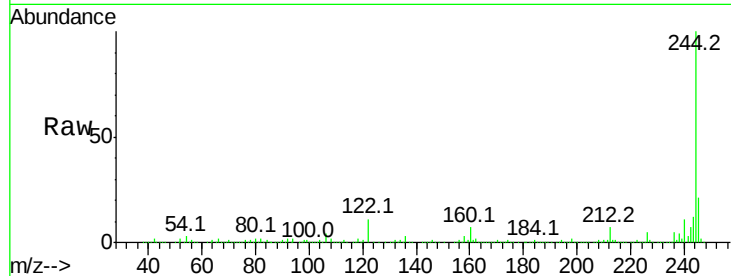
Tot Ion:244 Resp: 1753718

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

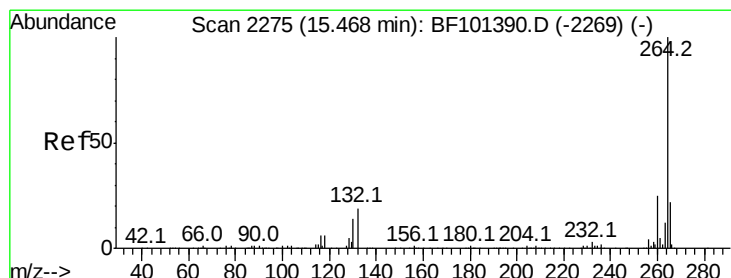
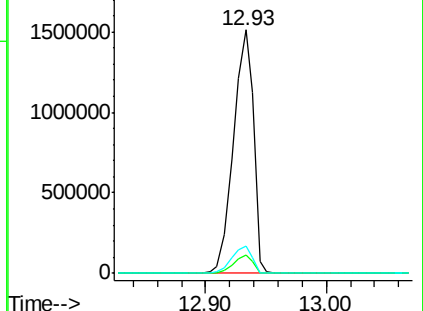
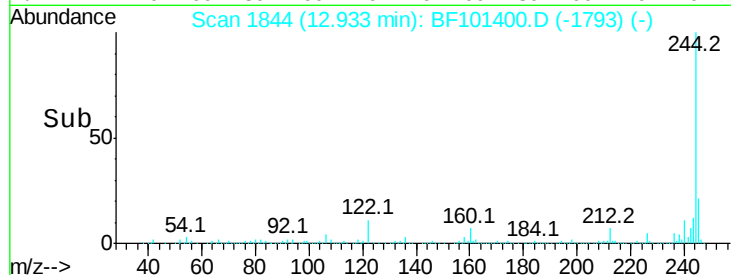
122 11.0 11.0 16.4



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: BF101400.D

Acq: 14 Dec 2017 18:29

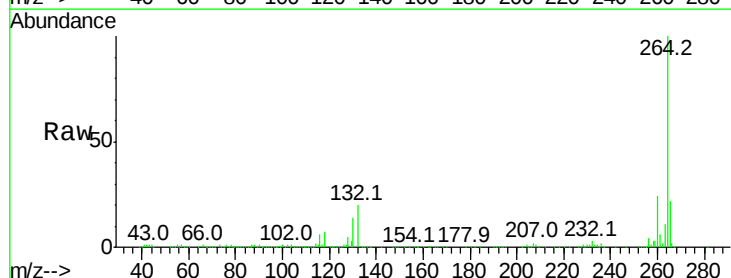
Tgt Ion:264 Resp: 409527

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.7 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

