

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
 Data File : BF091998.D
 Acq On : 28 Dec 2016 17:01
 Operator : UM/SJ
 Sample : H6238-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-002-COMP

Quant Time: Dec 28 17:38:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	207287	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	765518	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	402955	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	646191	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	565155	20.00	ng	-0.01
86) Perylene-d12	15.24	264	406637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1556071	125.34	ng	0.01
7) Phenol-d6	6.37	99	1971974	130.10	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1430837	103.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	462742	138.76	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	2084236	109.73	ng	-0.01
78) Terphenyl-d14	12.82	244	2247931	96.47	ng	0.00

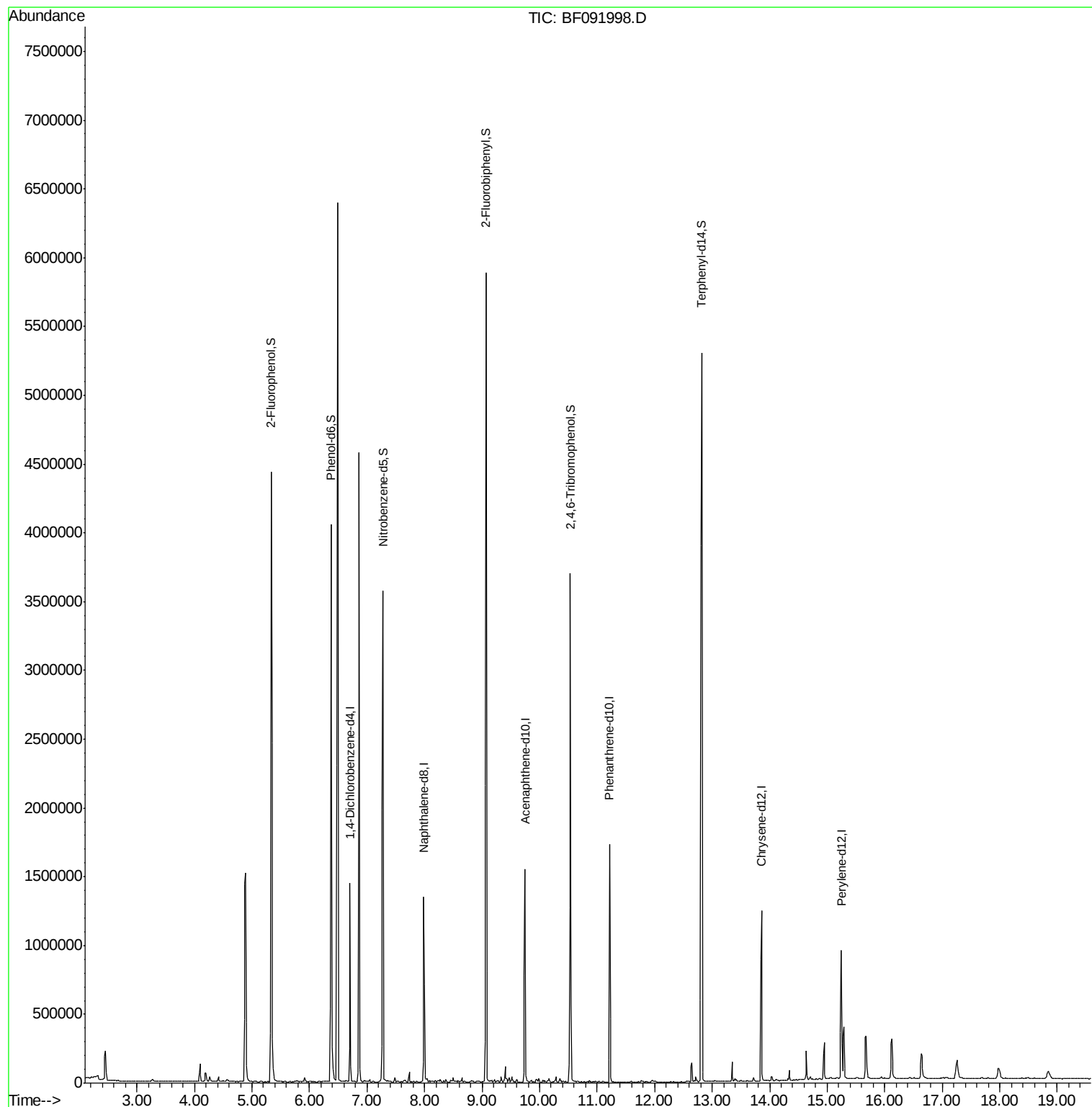
Target Compounds Qvalue

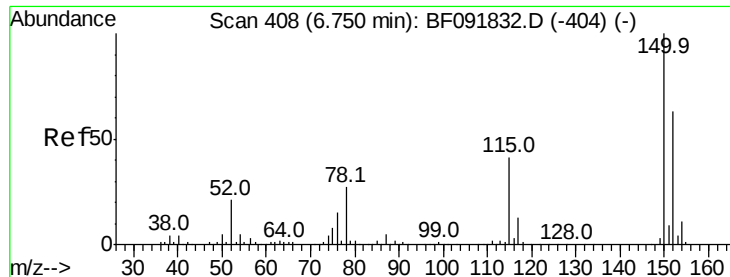
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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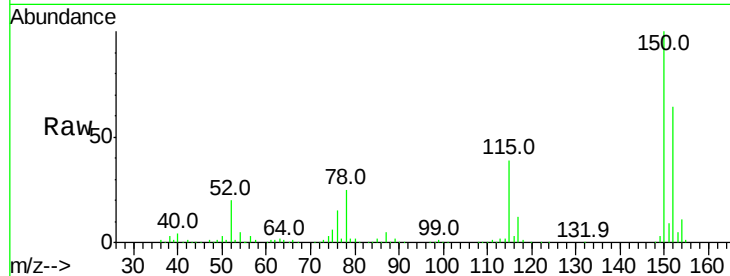


#1

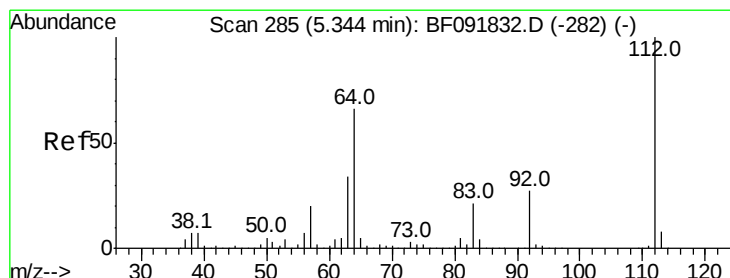
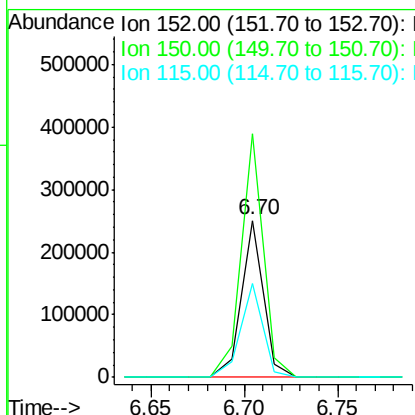
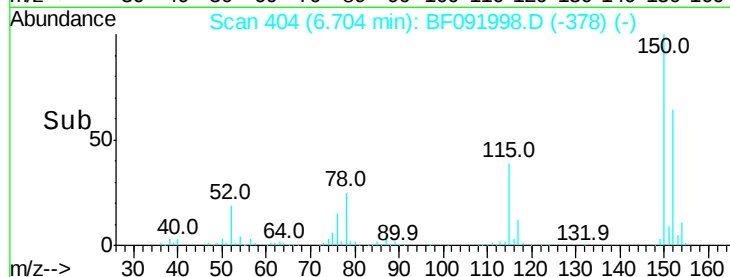
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF091998.D
Acq: 28 Dec 2016 17:01

Instrument :
BNA_F
ClientSampleId :
PIT-002-COMP

Tot Ion:152 Resp: 207287
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 59.8 46.0 69.0



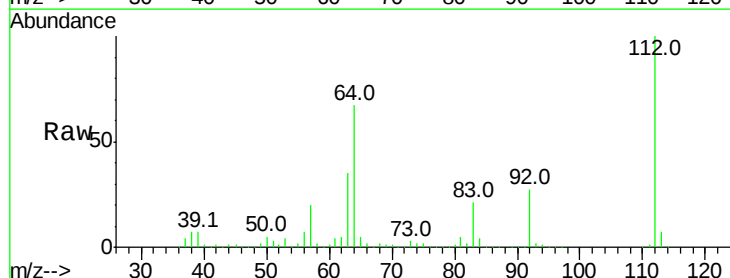
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



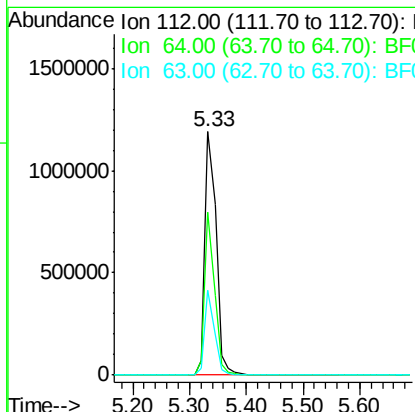
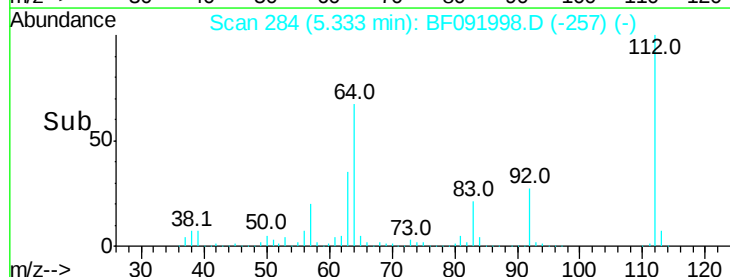
#5

2-Fluorophenol
Concen: 125.34 ng
RT: 5.33 min Scan# 284
Delta R.T. 0.01 min
Lab File: BF091998.D
Acq: 28 Dec 2016 17:01

Tgt Ion:112 Resp: 1556071
Ion Ratio Lower Upper
112 100
64 66.9 46.1 69.1
63 34.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.10 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF091998.D

Acq: 28 Dec 2016 17:01

Instrument :

BNA_F

ClientSampleId :

PIT-002-COMP

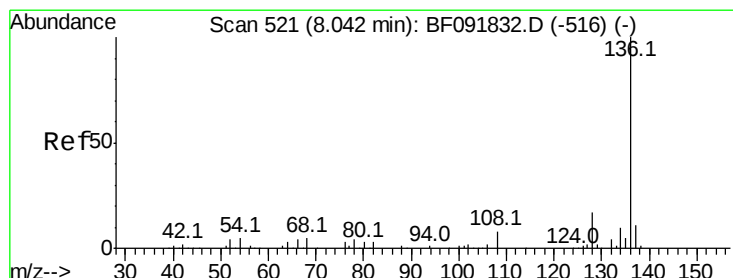
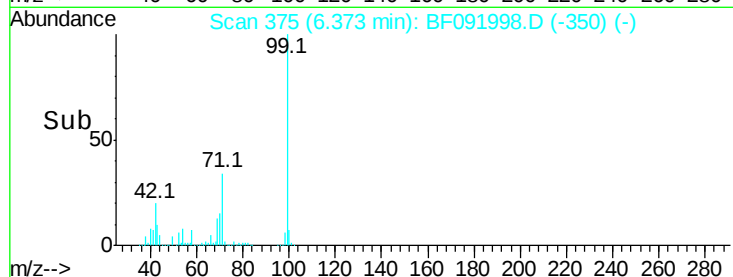
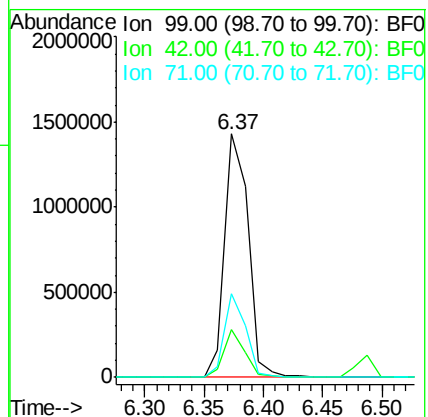
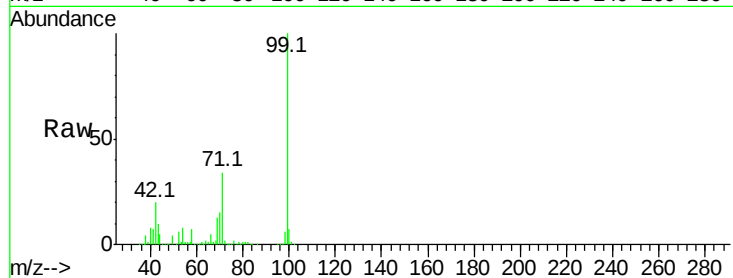
Tot Ion: 99 Resp: 1971974

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

71 34.4 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF091998.D

Acq: 28 Dec 2016 17:01

Tgt Ion: 136 Resp: 765518

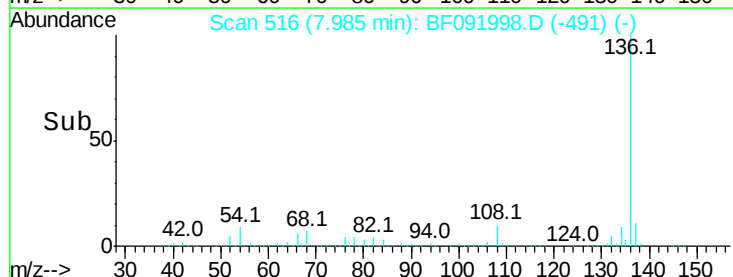
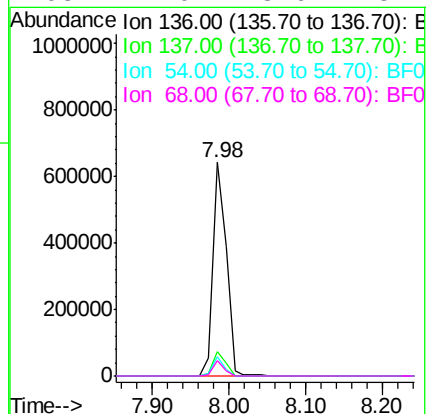
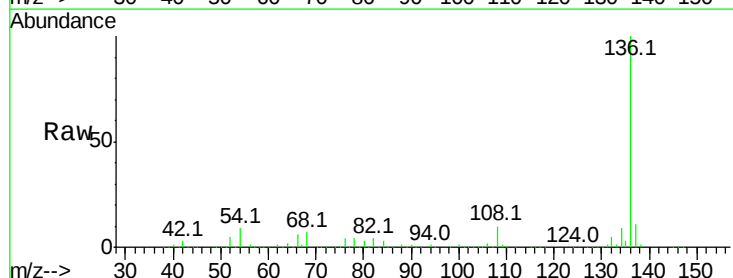
Ion Ratio Lower Upper

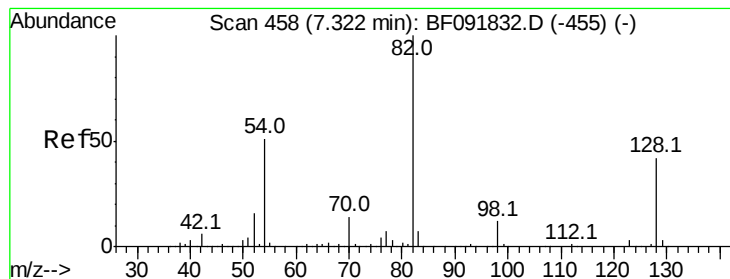
136 100

137 11.2 8.4 12.6

54 9.2 4.5 6.7#

68 7.0 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 103.93 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF091998.D

Acq: 28 Dec 2016 17:01

Instrument :

BNA_F

ClientSampleId :

PIT-002-COMP

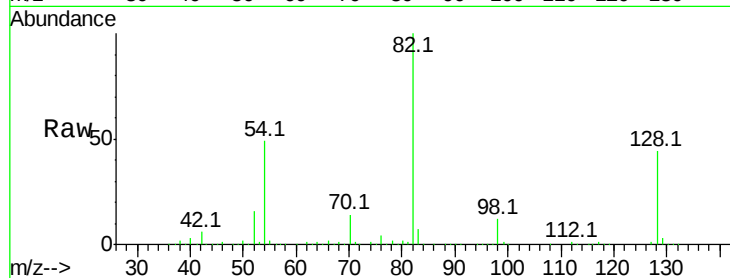
Tot Ion: 82 Resp: 1430837

Ion Ratio Lower Upper

82 100

128 43.8 34.6 52.0

54 48.8 39.5 59.3

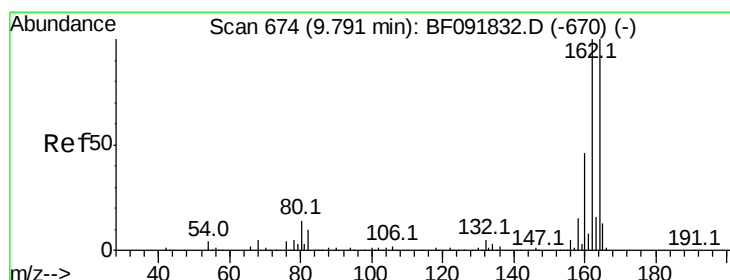
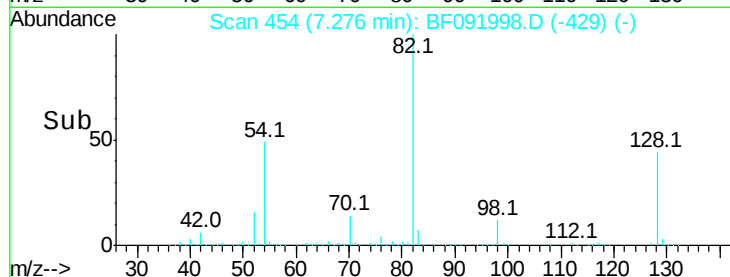


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091998.D

Acq: 28 Dec 2016 17:01

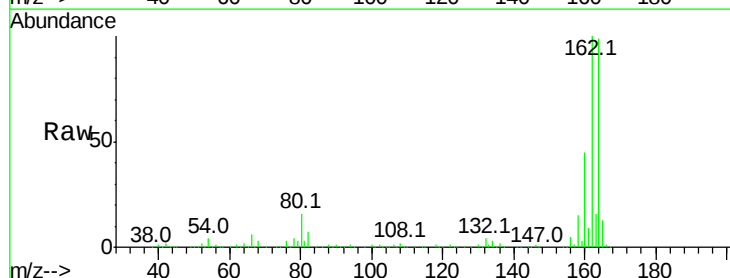
Tgt Ion:164 Resp: 402955

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

160 45.1 36.9 55.3

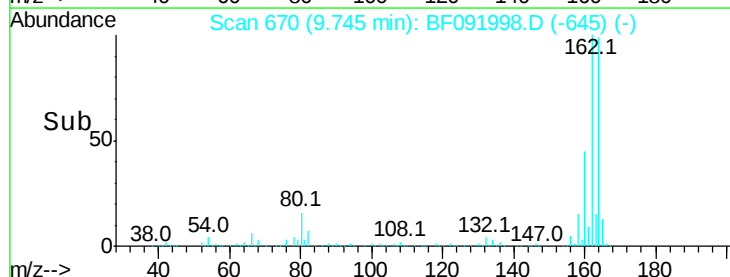


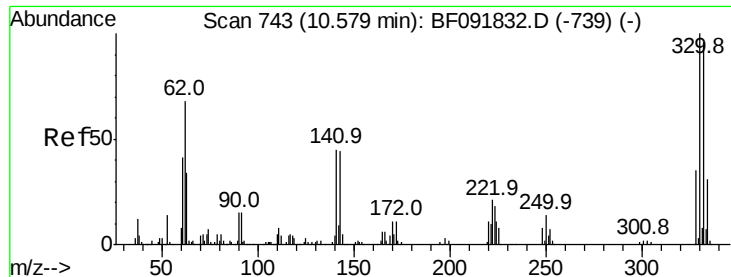
Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

Time-->

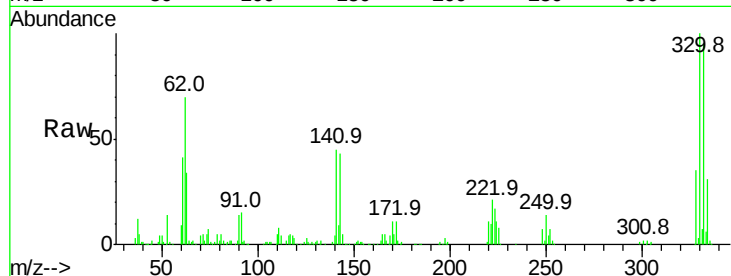




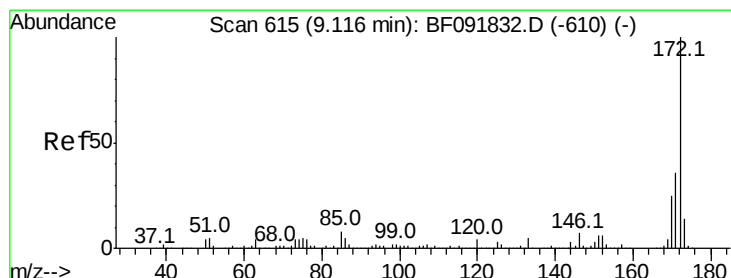
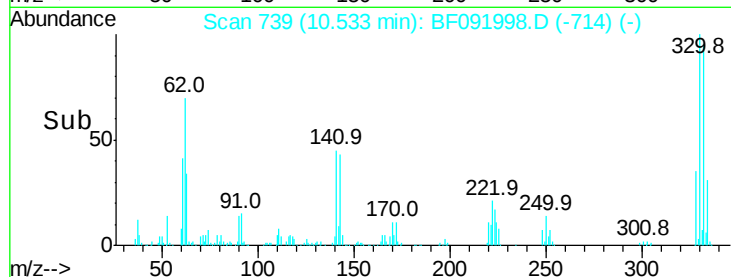
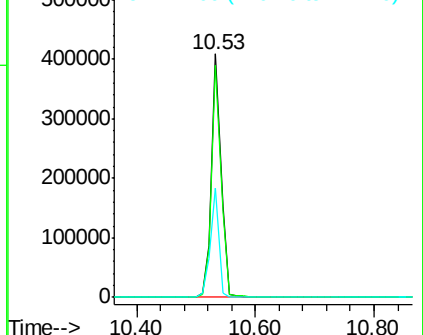
#41
 2,4,6-Tribromophenol
 Concen: 138.76 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF091998.D
 Acq: 28 Dec 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PIT-002-COMP

Tot Ion:330 Resp: 462742
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 40.1 34.1 51.1

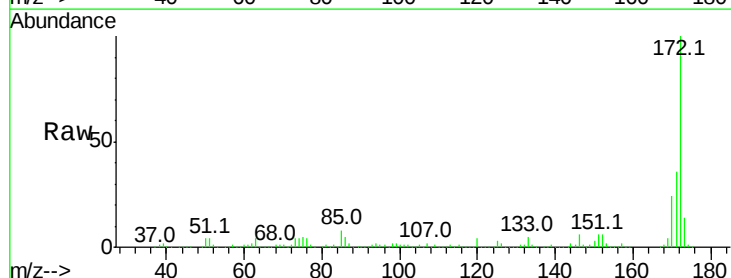


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

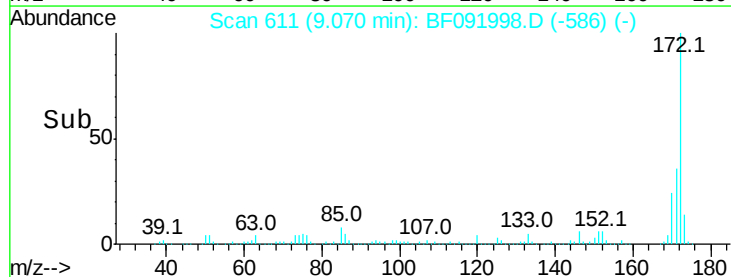
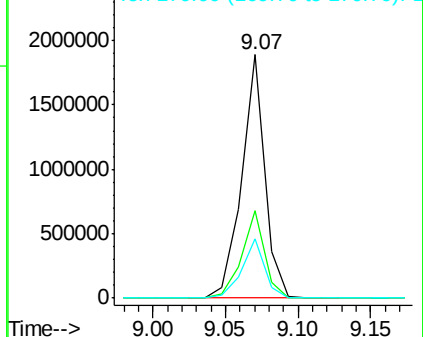


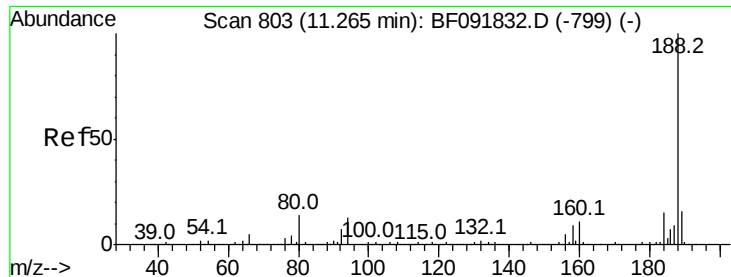
#44
 2-Fluorobiphenyl
 Concen: 109.73 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF091998.D
 Acq: 28 Dec 2016 17:01

Tgt Ion:172 Resp: 2084236
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 20.2 30.4



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

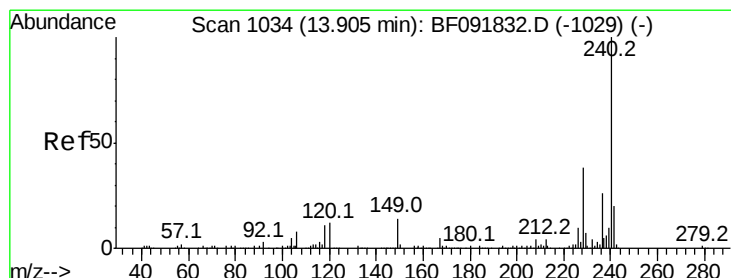
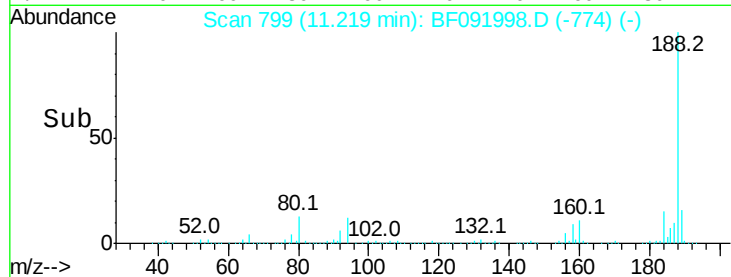
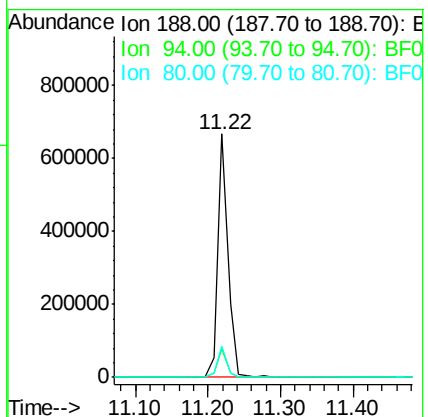
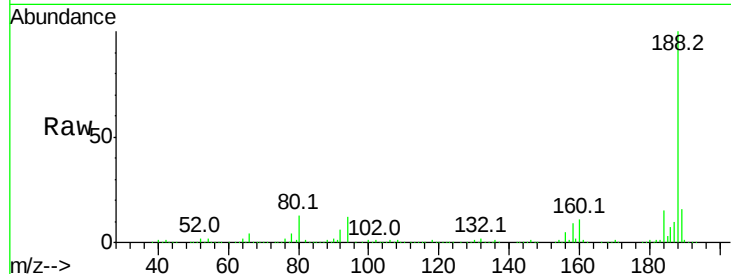




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF091998.D
Acq: 28 Dec 2016 17:01

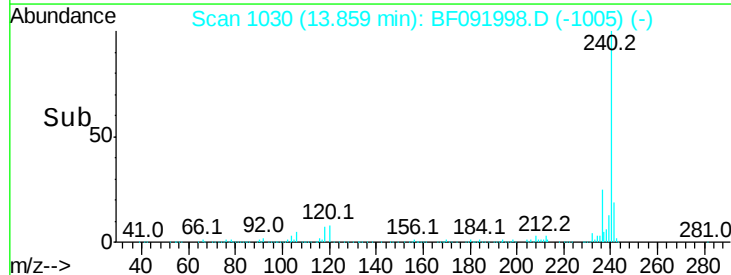
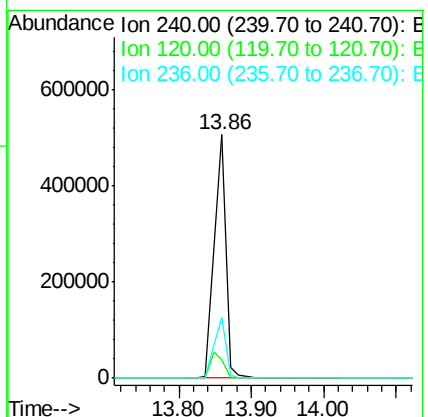
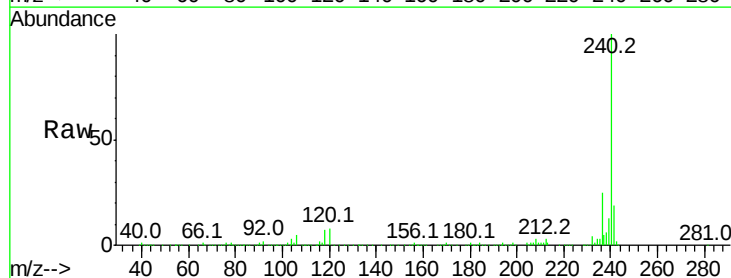
Instrument :
BNA_F
ClientSampleId :
PIT-002-COMP

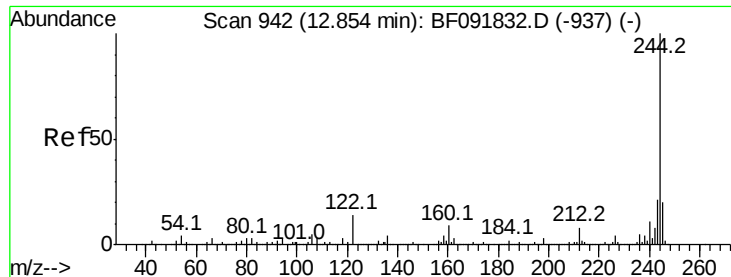
Tot Ion:188 Resp: 646191
Ion Ratio Lower Upper
188 100
94 11.5 10.0 15.0
80 12.6 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF091998.D
Acq: 28 Dec 2016 17:01

Tgt Ion:240 Resp: 565155
Ion Ratio Lower Upper
240 100
120 7.6 12.9 19.3#
236 25.1 20.9 31.3





#78

Terphenyl-d14

Concen: 96.47 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF091998.D

Acq: 28 Dec 2016 17:01

Instrument :

BNA_F

ClientSampleId :

PIT-002-COMP

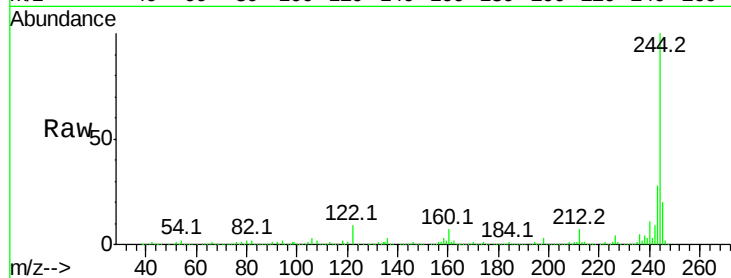
Tot Ion:244 Resp: 2247931

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

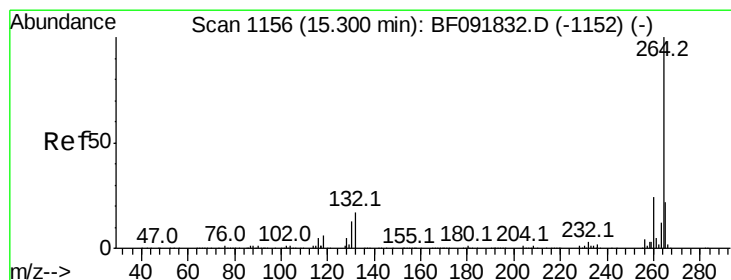
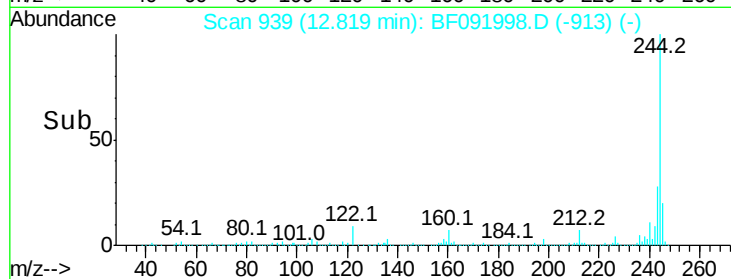
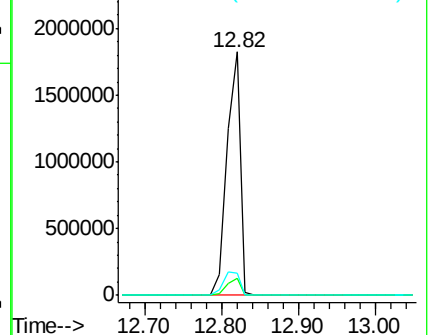
122 9.2 11.4 17.2#



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: 15.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF091998.D

Acq: 28 Dec 2016 17:01

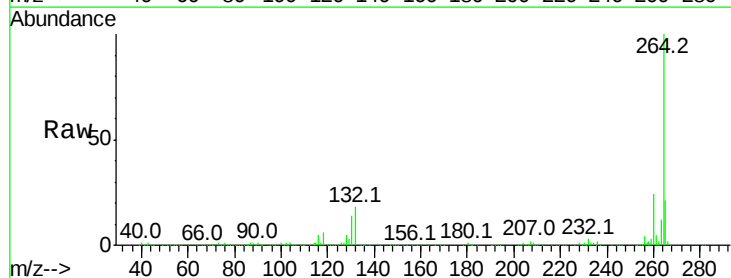
Tgt Ion:264 Resp: 406637

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.2 17.4 26.0



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

