

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
 Data File : BF092000.D
 Acq On : 28 Dec 2016 17:56
 Operator : UM/SJ
 Sample : H6238-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-001-COMP

Quant Time: Dec 29 01:19:36 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	206545	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	765938	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	422520	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	683801	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	615021	20.00	ng	-0.01
86) Perylene-d12	15.24	264	424914	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1494771	120.84	ng	0.01
7) Phenol-d6	6.37	99	1762646	116.71	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1388271	100.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	477849	136.66	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	2059055	102.51	ng	-0.01
78) Terphenyl-d14	12.82	244	2274041	89.67	ng	0.00

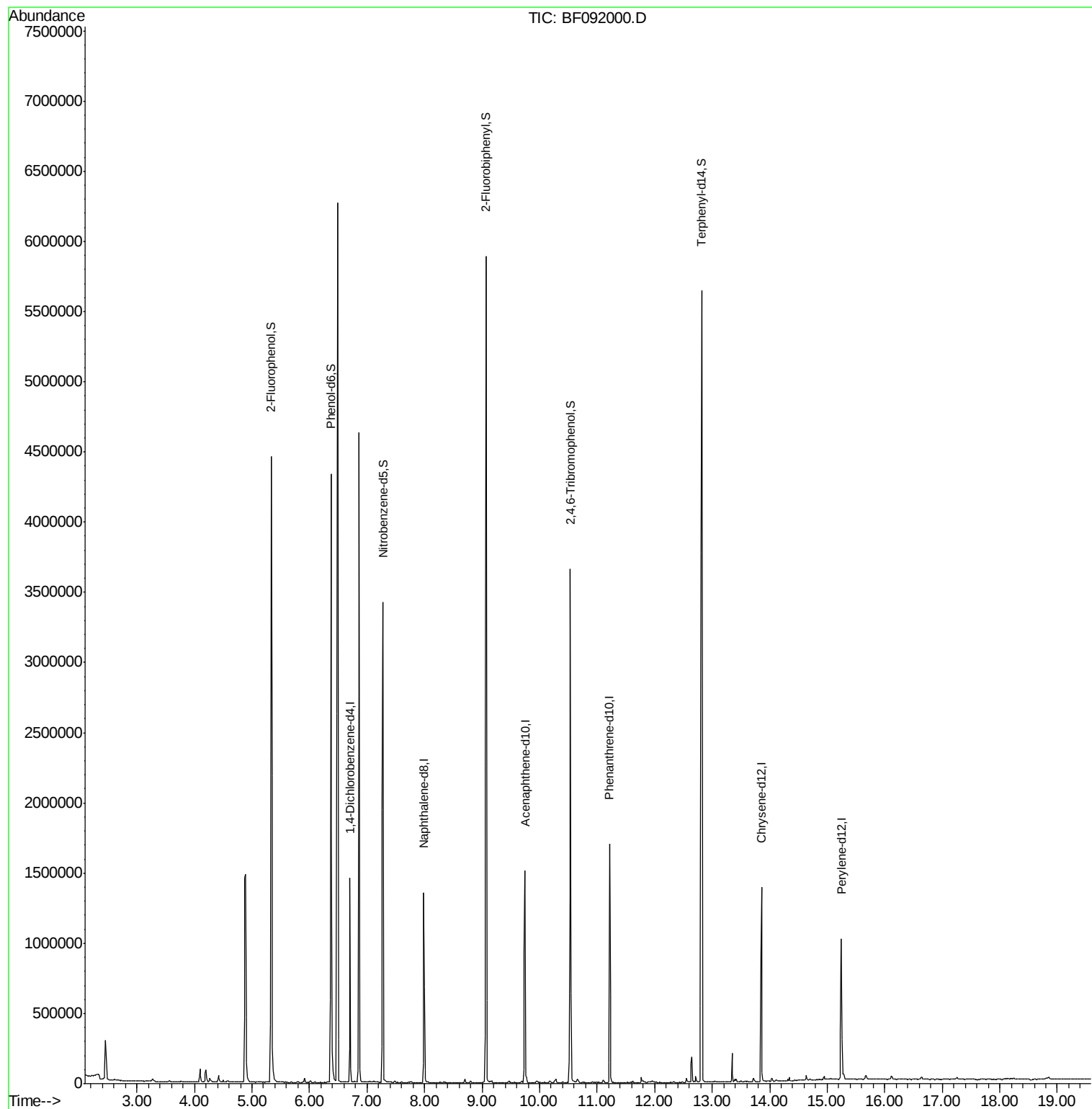
Target Compounds Qvalue

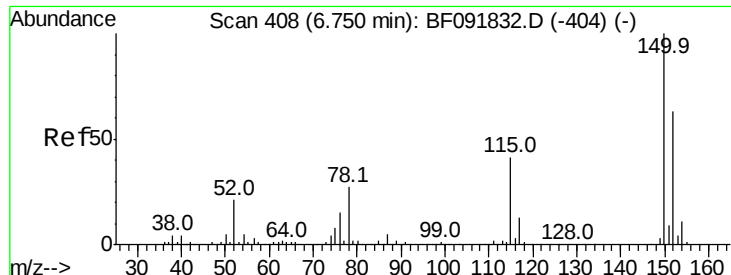
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092000.D

Acq: 28 Dec 2016 17:56

Instrument :

BNA_F

ClientSampleId :

PIT-001-COMP

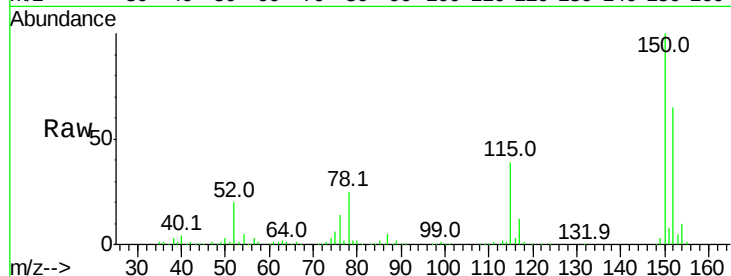
Tot Ion:152 Resp: 206545

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

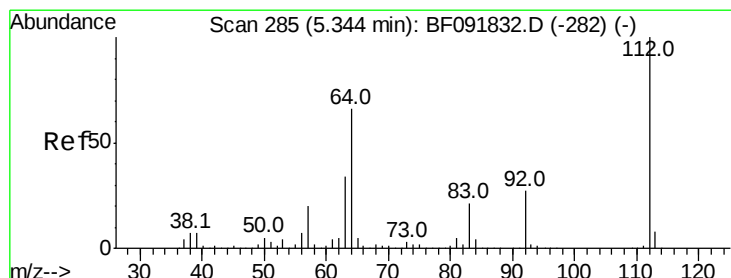
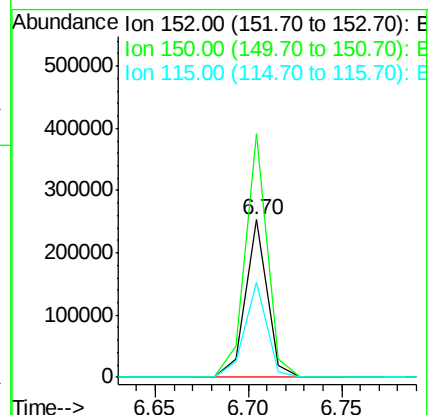
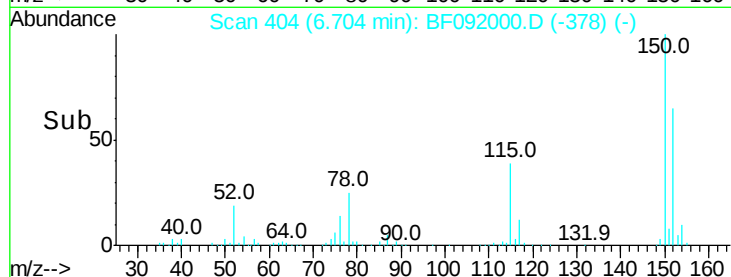
115 60.3 46.0 69.0



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: 120.84 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.01 min

Lab File: BF092000.D

Acq: 28 Dec 2016 17:56

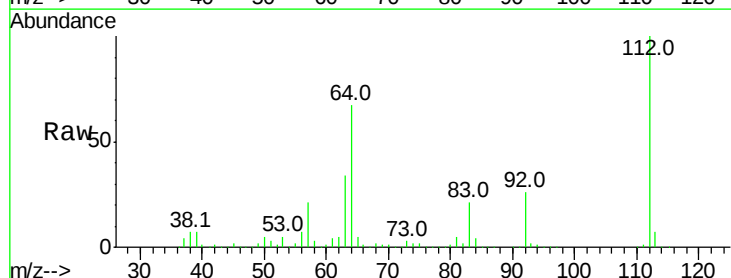
Tgt Ion:112 Resp: 1494771

Ion Ratio Lower Upper

112 100

64 67.2 46.1 69.1

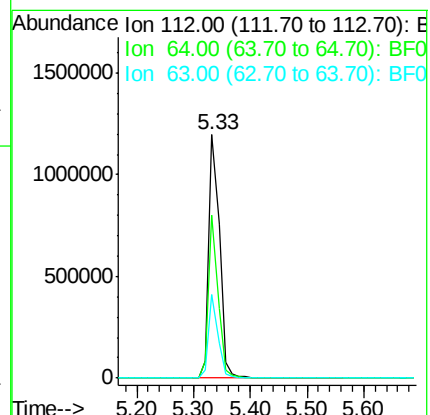
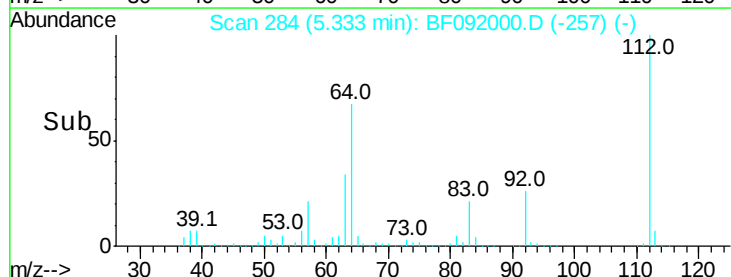
63 34.5 23.8 35.6

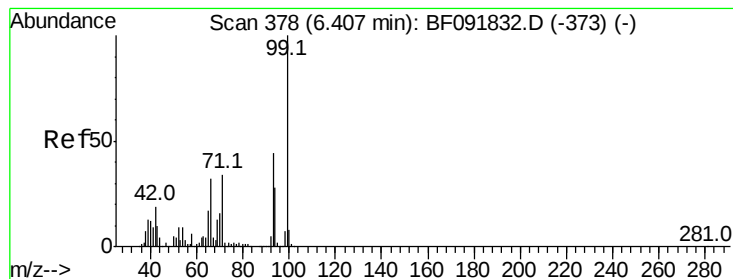


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.71 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092000.D

Acq: 28 Dec 2016 17:56

Instrument :

BNA_F

ClientSampleId :

PIT-001-COMP

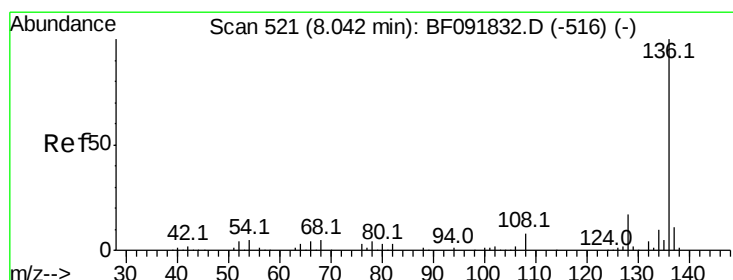
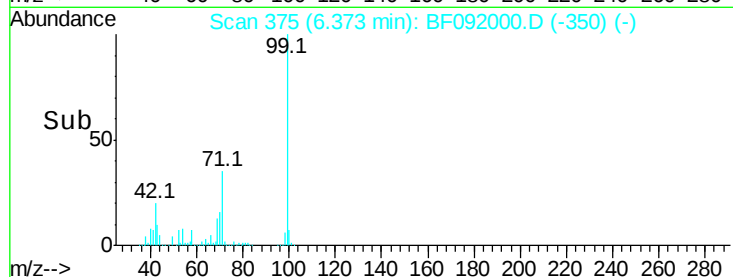
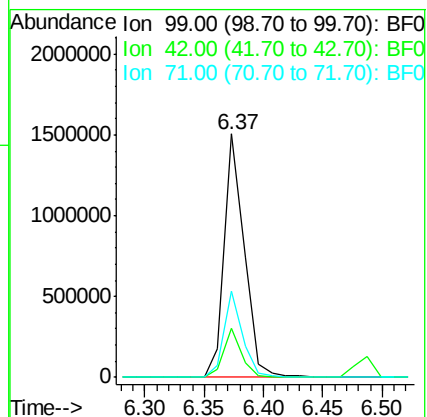
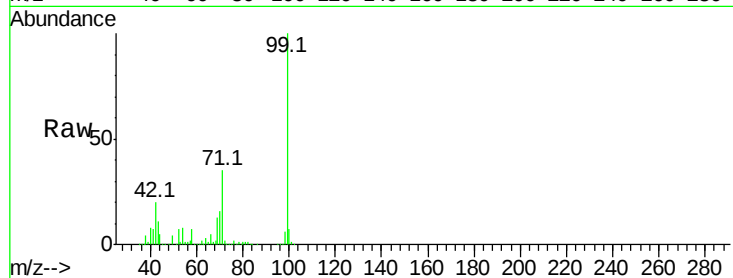
Tot Ion: 99 Resp: 1762646

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

71 35.4 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: BF092000.D

Acq: 28 Dec 2016 17:56

Tgt Ion: 136 Resp: 765938

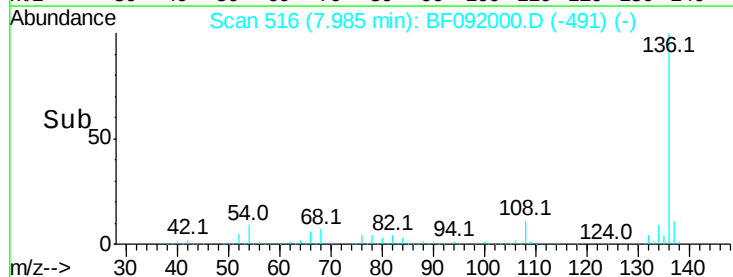
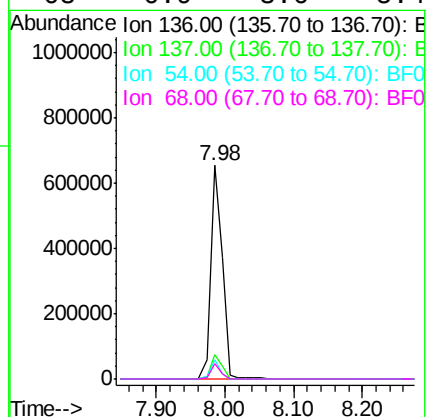
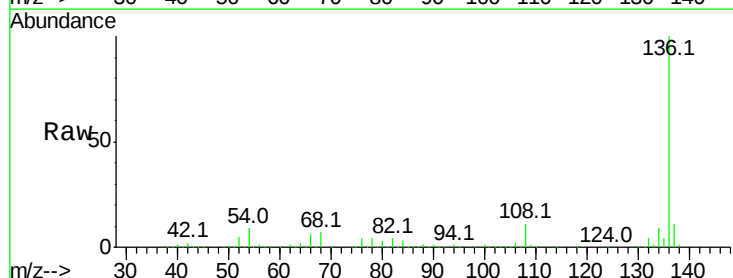
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.8 4.5 6.7#

68 6.9 3.6 5.4#



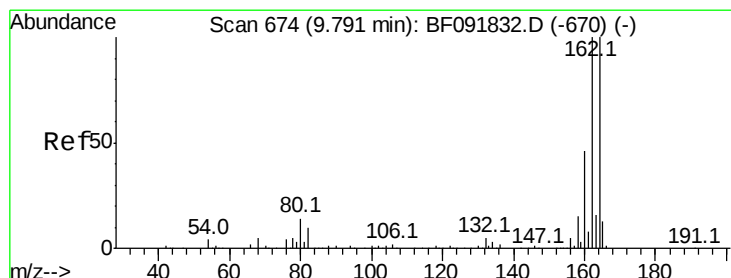
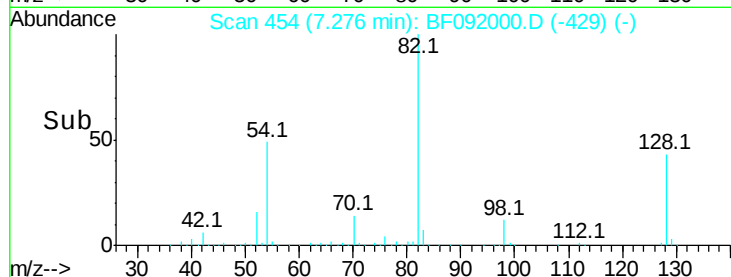
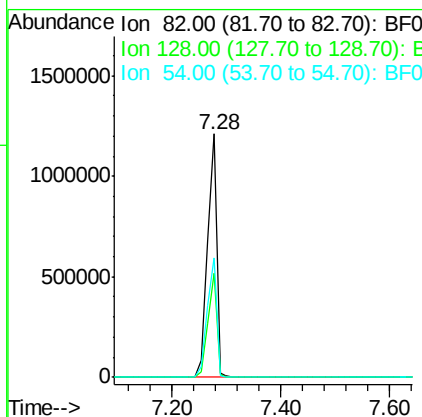
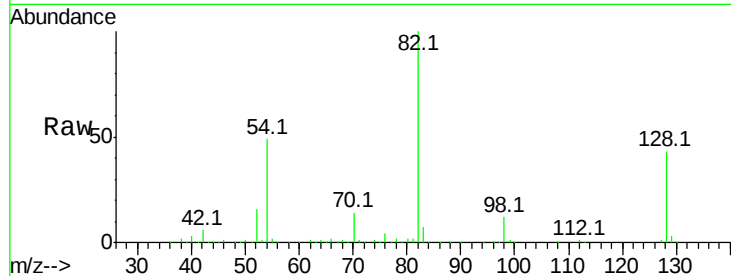


#23
 Nitrobenzene-d5
 Concen: 100.79 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF092000.D
 Acq: 28 Dec 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PIT-001-COMP

Tot Ion: 82 Resp: 1388271

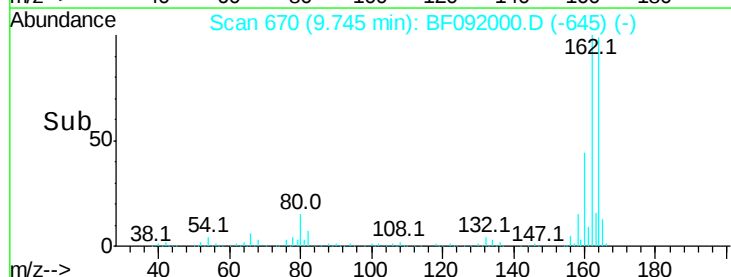
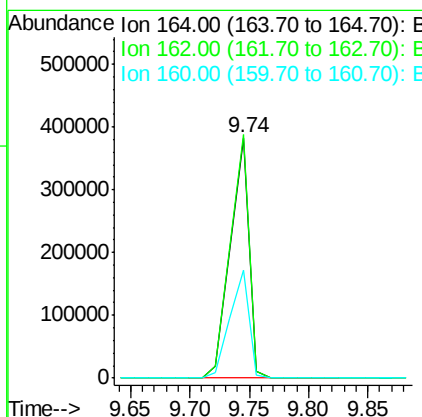
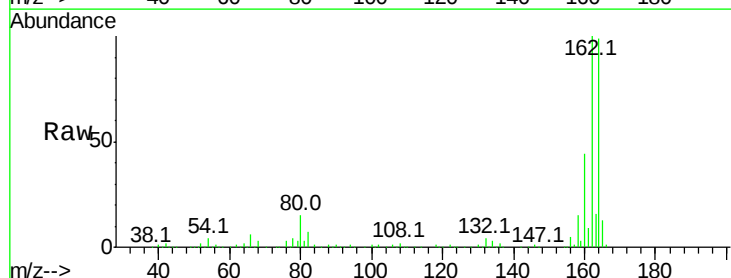
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	49.1	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092000.D
 Acq: 28 Dec 2016 17:56

Tgt Ion:164 Resp: 422520

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	45.0	36.9	55.3

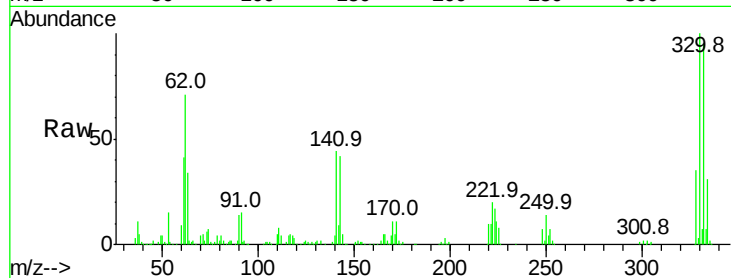




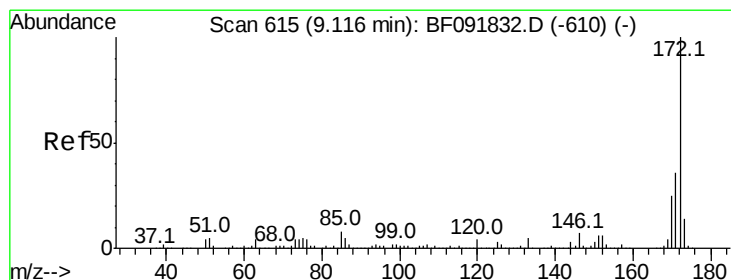
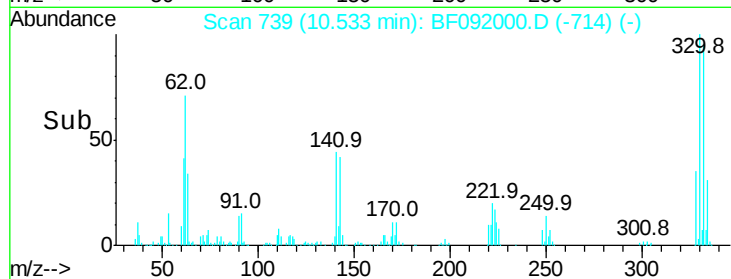
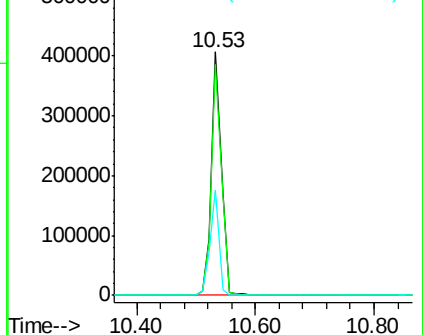
#41
 2,4,6-Tribromophenol
 Concen: 136.66 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF092000.D
 Acq: 28 Dec 2016 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PIT-001-COMP

Tot Ion:330 Resp: 477849
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.4 116.2
 141 38.8 34.1 51.1

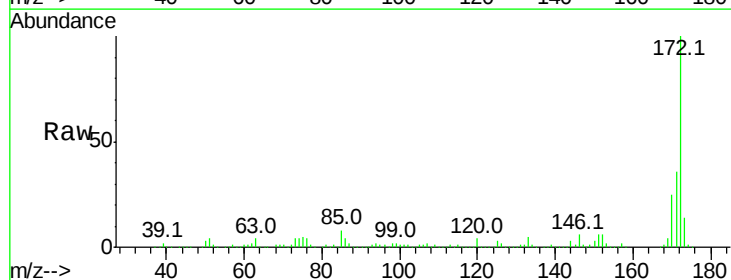


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

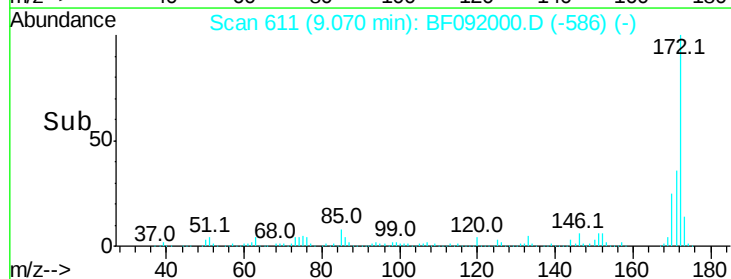
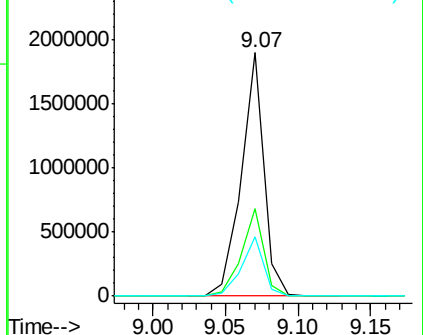


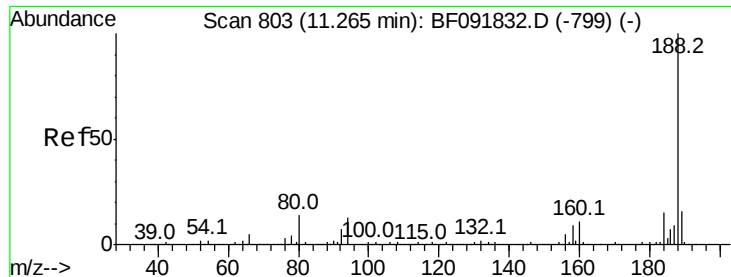
#44
 2-Fluorobiphenyl
 Concen: 102.51 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF092000.D
 Acq: 28 Dec 2016 17:56

Tgt Ion:172 Resp: 2059055
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.5 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: BF092000.D

Acq: 28 Dec 2016 17:56

Instrument :

BNA_F

ClientSampleId :

PIT-001-COMP

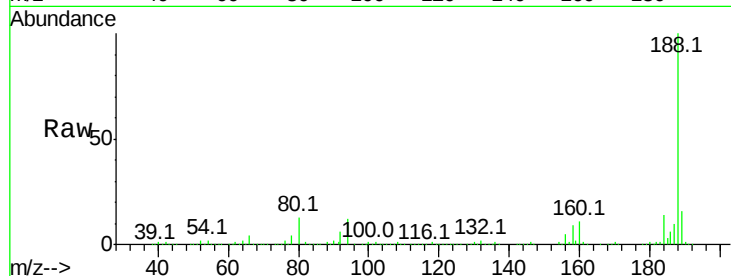
Tot Ion:188 Resp: 683801

Ion Ratio Lower Upper

188 100

94 11.9 10.0 15.0

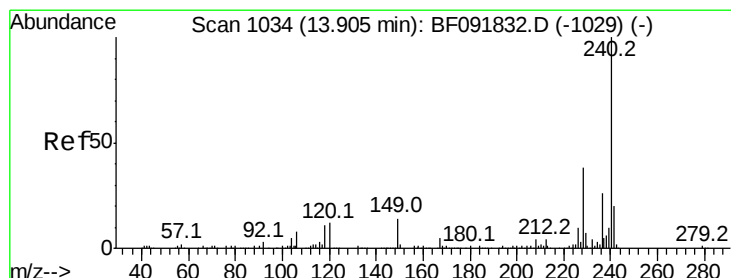
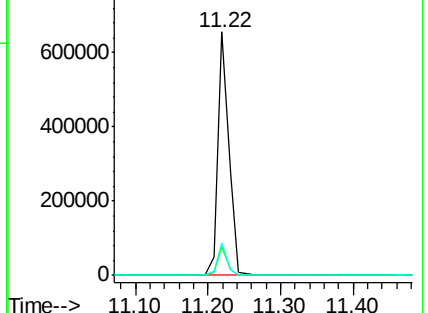
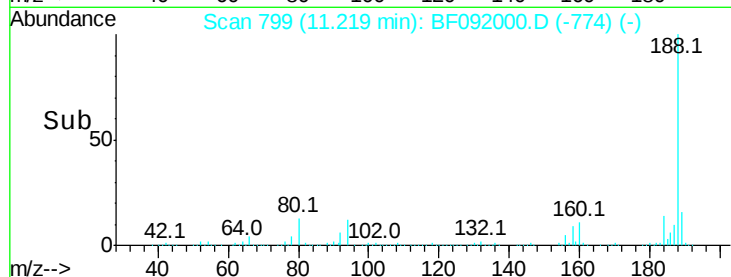
80 13.1 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF092000.D

Acq: 28 Dec 2016 17:56

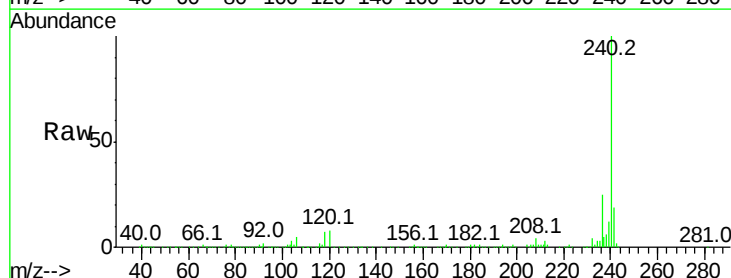
Tgt Ion:240 Resp: 615021

Ion Ratio Lower Upper

240 100

120 8.1 12.9 19.3#

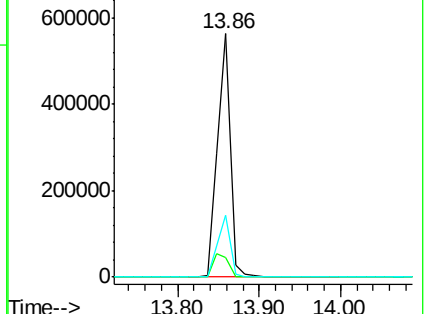
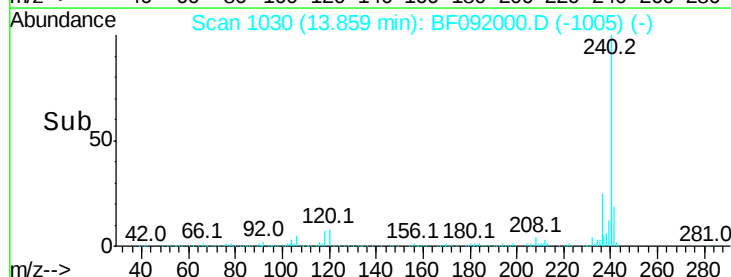
236 25.2 20.9 31.3

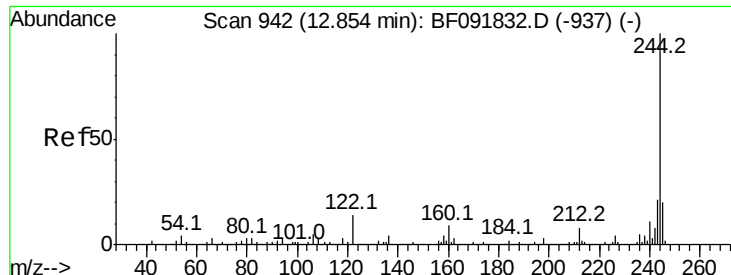


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.67 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF092000.D

Acq: 28 Dec 2016 17:56

Instrument :

BNA_F

ClientSampleId :

PIT-001-COMP

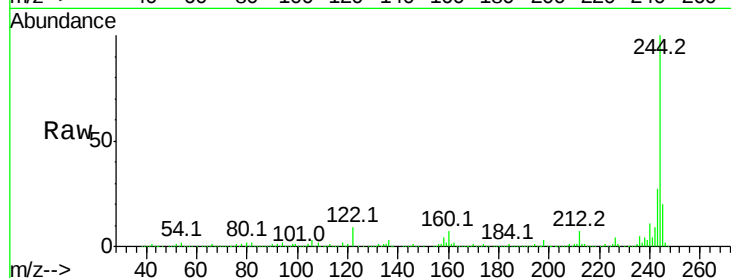
Tot Ion:244 Resp: 2274041

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

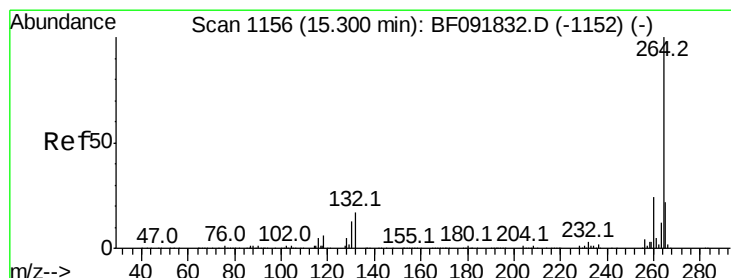
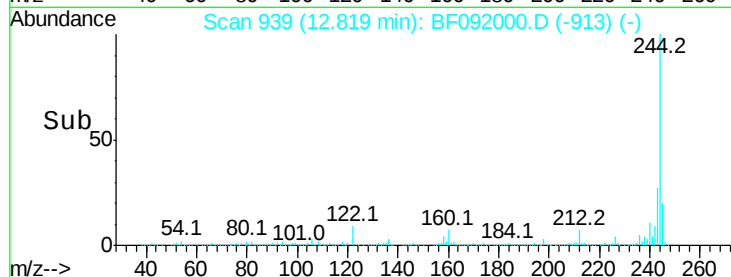
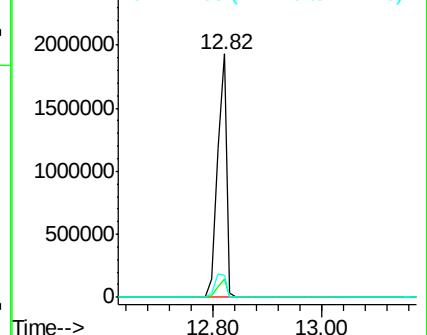
122 9.2 11.4 17.2#



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: BF092000.D

Acq: 28 Dec 2016 17:56

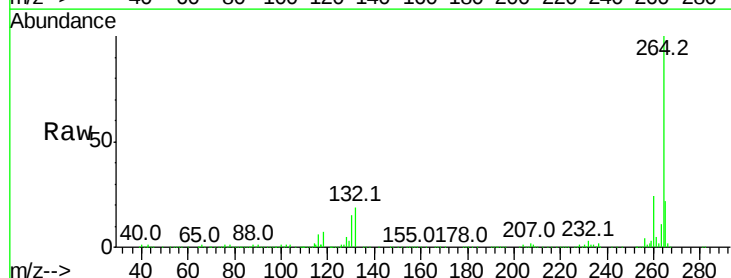
Tgt Ion:264 Resp: 424914

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.7 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

