

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
 Data File : BF091999.D
 Acq On : 28 Dec 2016 17:29
 Operator : UM/SJ
 Sample : H6238-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMP

Quant Time: Dec 28 18:02:25 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	198270	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	778058	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	442943	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	716540	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	629934	20.00	ng	-0.01
86) Perylene-d12	15.24	264	450335	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1637000	137.86	ng	0.01
7) Phenol-d6	6.37	99	1917483	132.26	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1525858	109.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	511466	139.53	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	2148332	101.95	ng	-0.01
78) Terphenyl-d14	12.82	244	2312965	89.05	ng	0.00

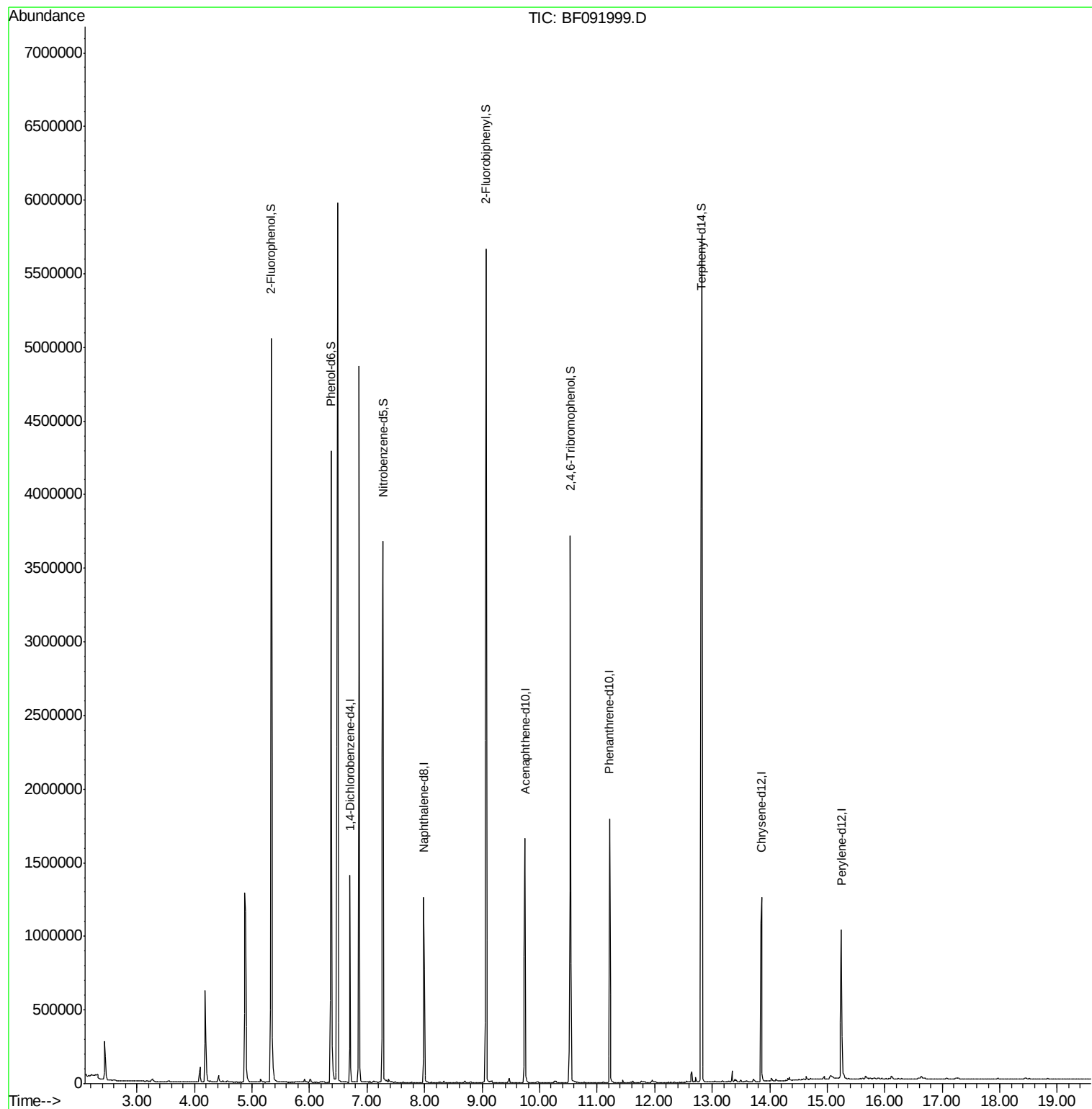
Target Compounds Qvalue

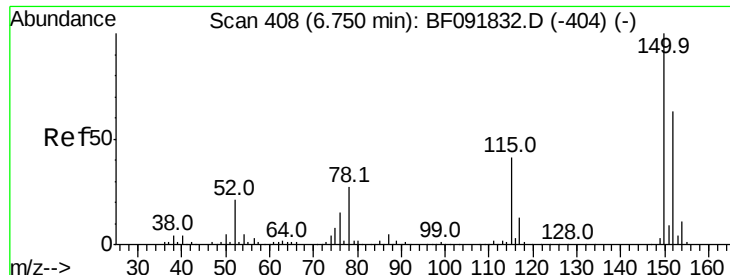
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091999.D

Acq: 28 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMP

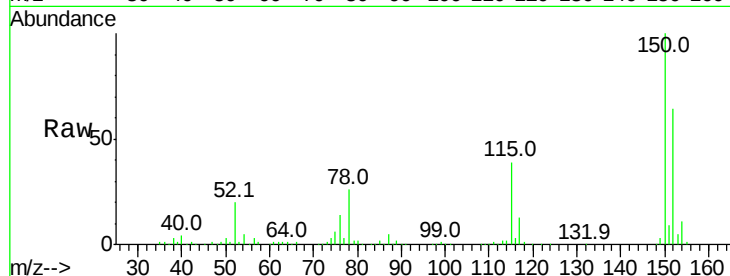
Tot Ion:152 Resp: 198270

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

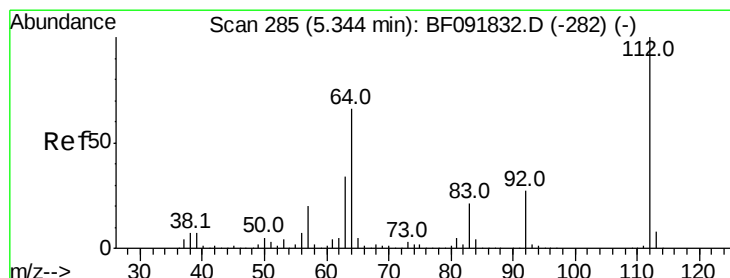
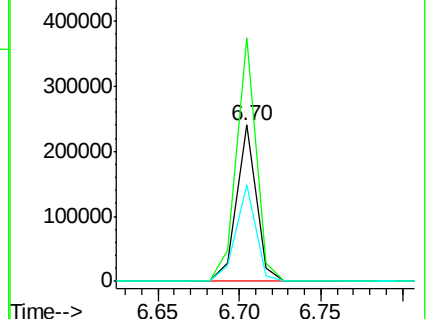
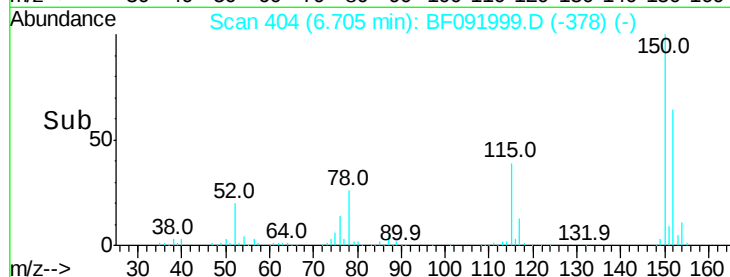
115 61.5 46.0 69.0



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: 137.86 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.01 min

Lab File: BF091999.D

Acq: 28 Dec 2016 17:29

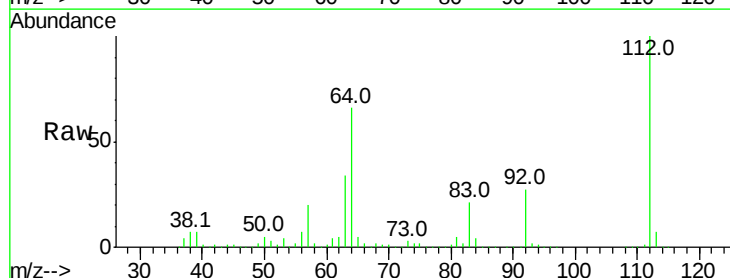
Tgt Ion:112 Resp: 1637000

Ion Ratio Lower Upper

112 100

64 66.5 46.1 69.1

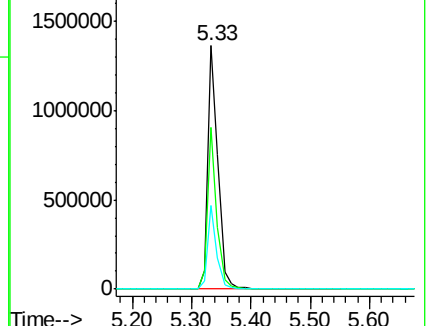
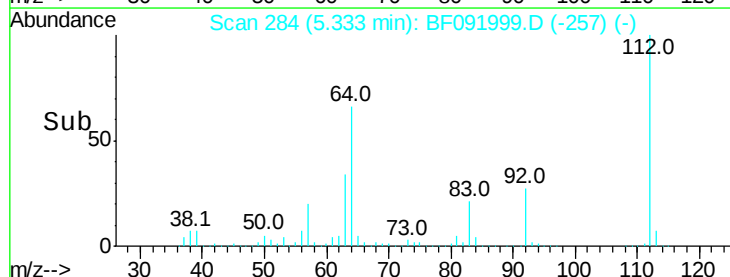
63 34.1 23.8 35.6

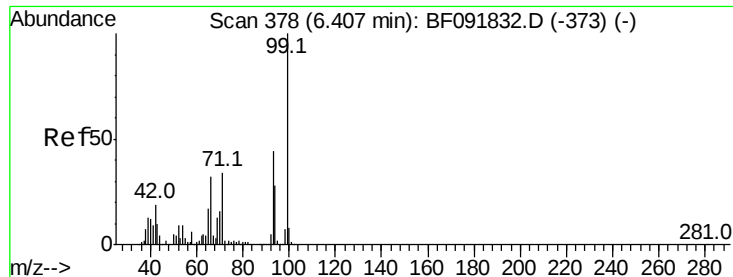


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.26 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF091999.D

Acq: 28 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMP

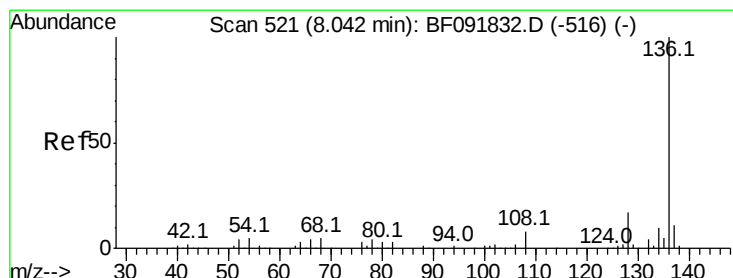
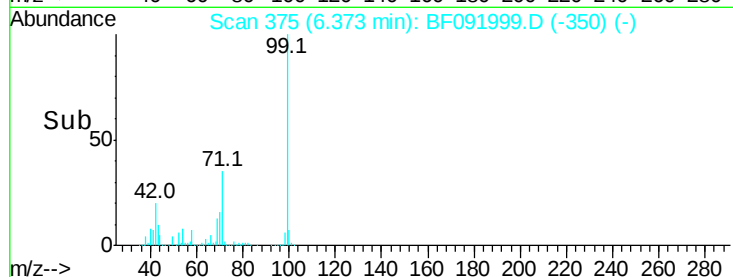
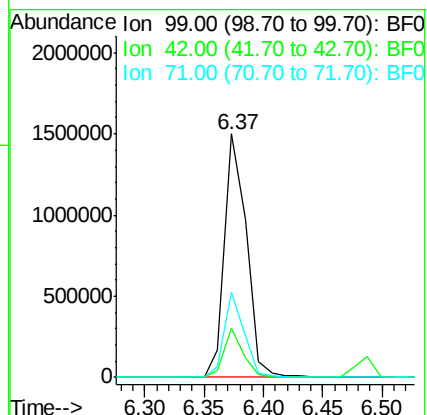
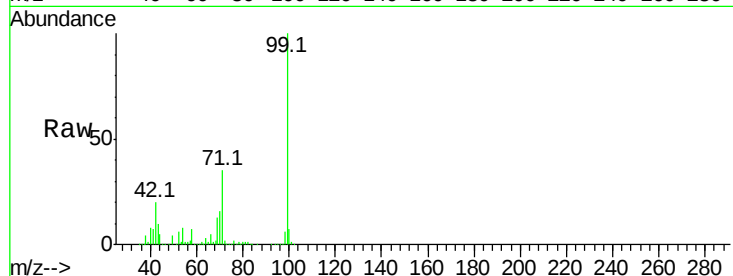
Tot Ion: 99 Resp: 1917483

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

71 35.1 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: BF091999.D

Acq: 28 Dec 2016 17:29

Tgt Ion: 136 Resp: 778058

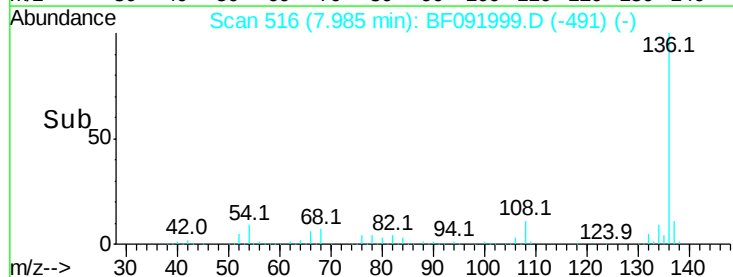
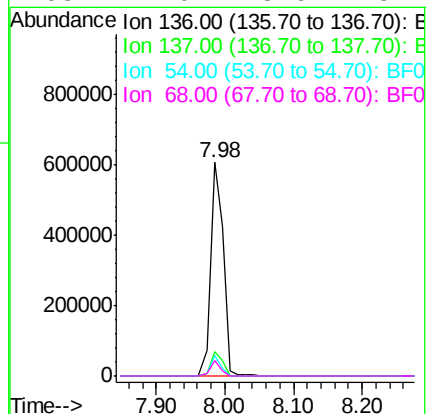
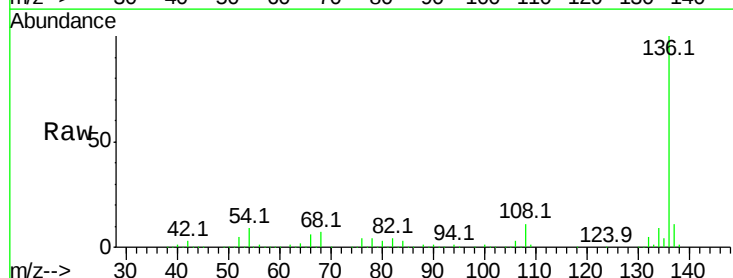
Ion Ratio Lower Upper

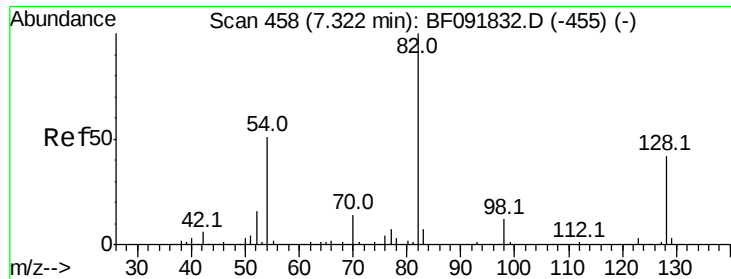
136 100

137 11.3 8.4 12.6

54 9.3 4.5 6.7#

68 7.0 3.6 5.4#

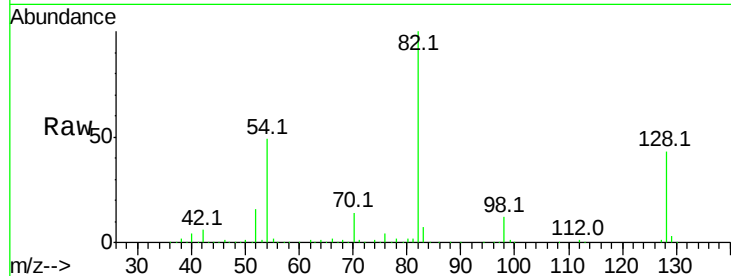




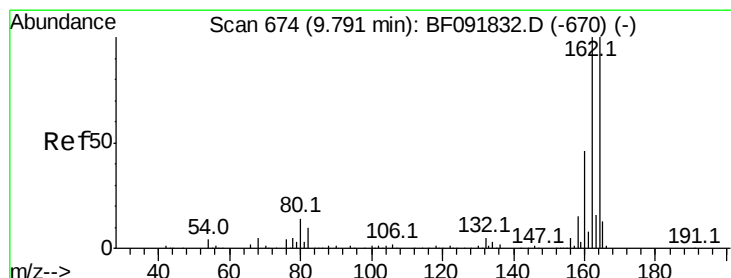
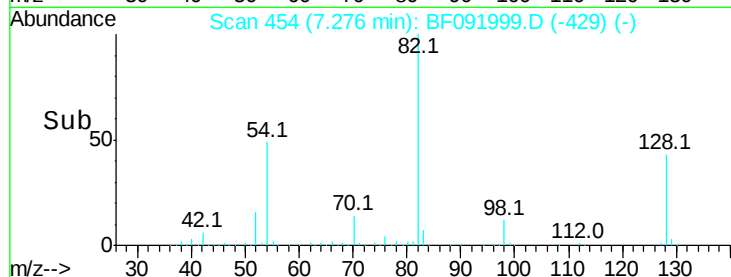
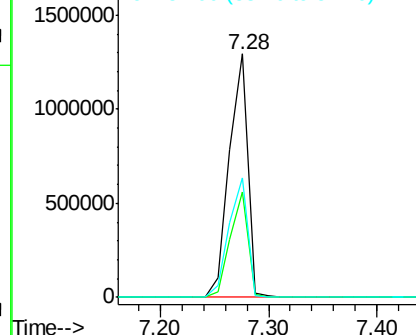
#23
Nitrobenzene-d5
Concen: 109.05 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF091999.D
Acq: 28 Dec 2016 17:29

Instrument :
BNA_F
ClientSampleId :
PIT-003-COMP

Tot Ion: 82 Resp: 1525858
Ion Ratio Lower Upper
82 100
128 43.5 34.6 52.0
54 48.9 39.5 59.3

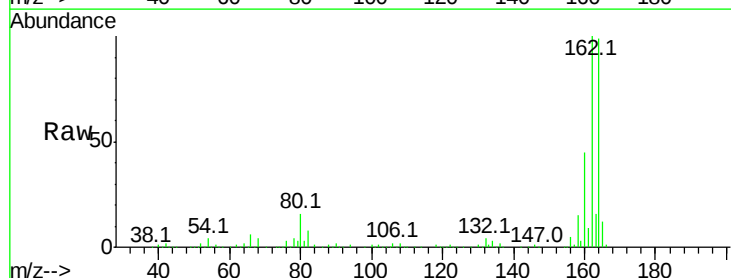


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

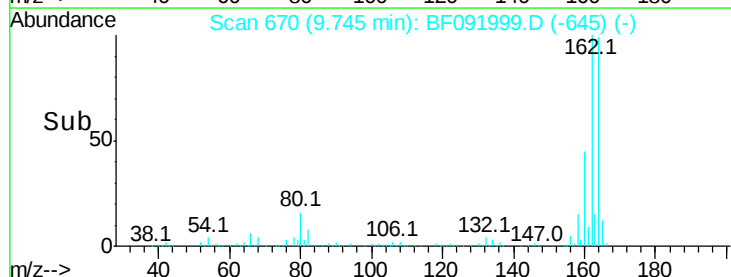
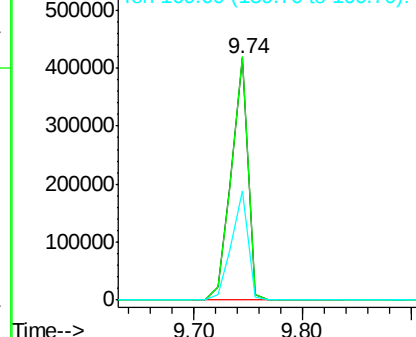


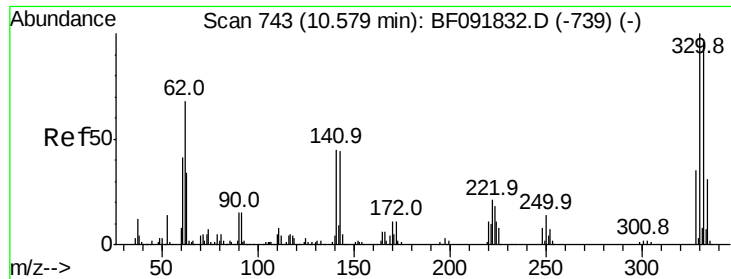
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF091999.D
Acq: 28 Dec 2016 17:29

Tgt Ion:164 Resp: 442943
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 45.4 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

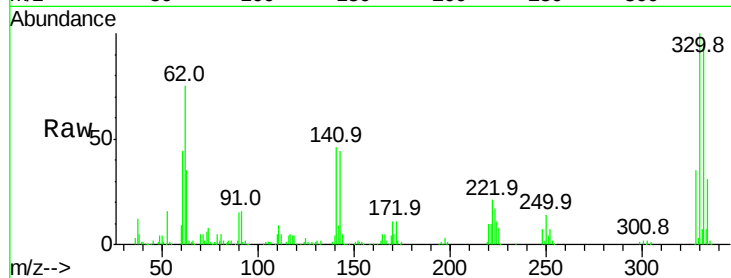




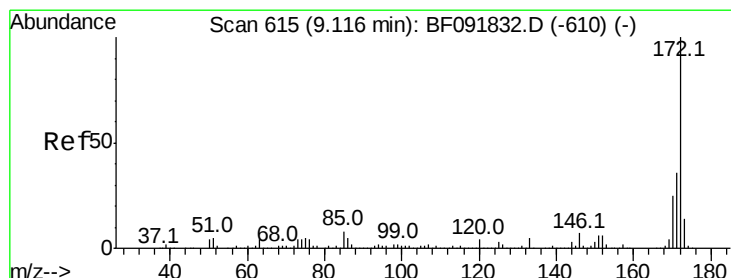
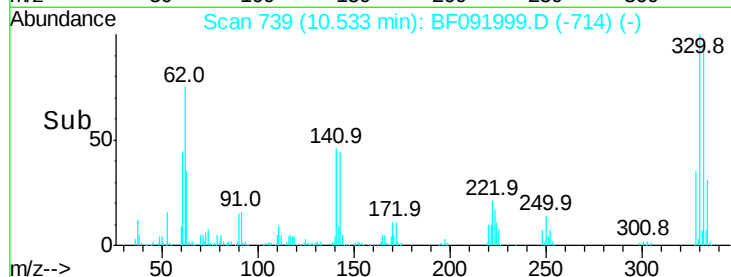
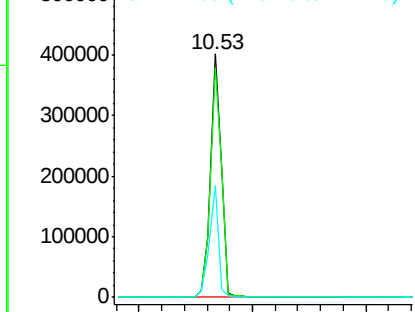
#41
 2,4,6-Tribromophenol
 Concen: 139.53 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF091999.D
 Acq: 28 Dec 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMP

Tot Ion:330 Resp: 511466
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 37.9 34.1 51.1

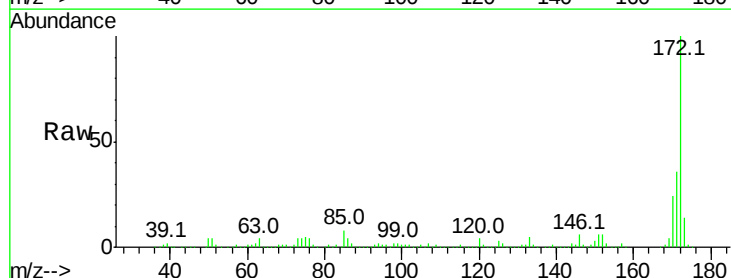


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

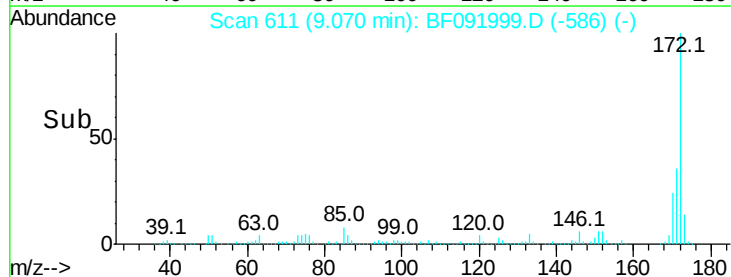
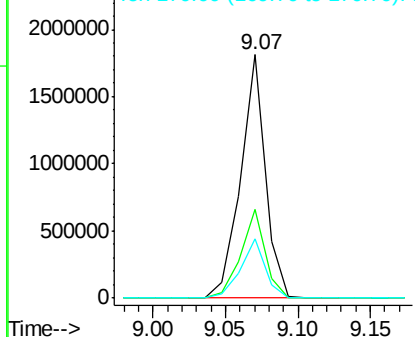


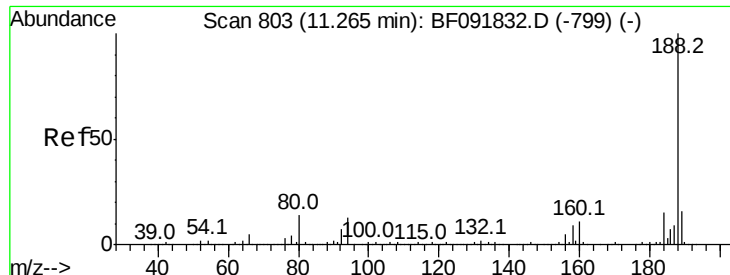
#44
 2-Fluorobiphenyl
 Concen: 101.95 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF091999.D
 Acq: 28 Dec 2016 17:29

Tgt Ion:172 Resp: 2148332
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

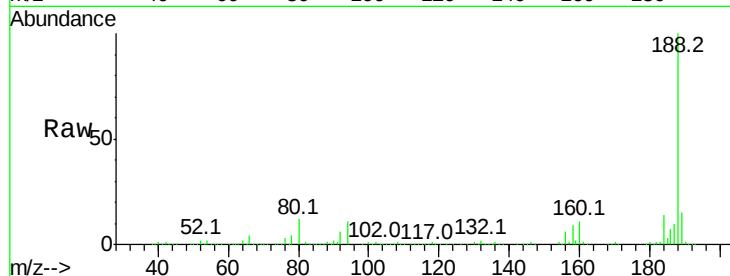




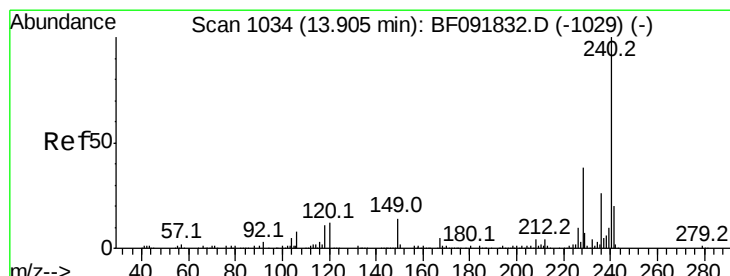
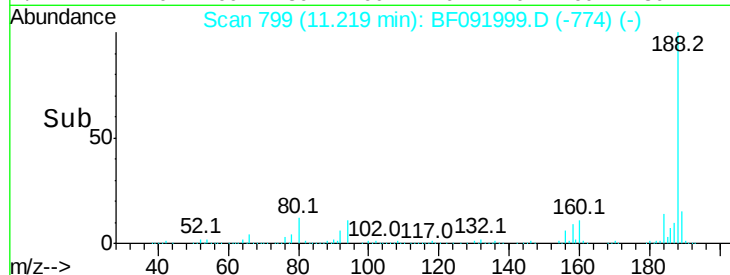
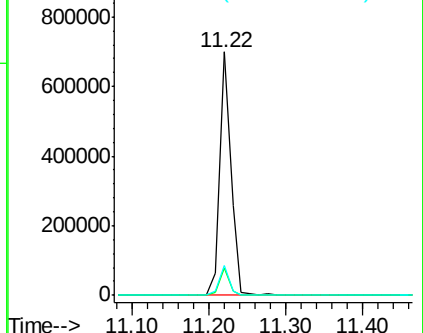
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF091999.D
 Acq: 28 Dec 2016 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PIT-003-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.0	15.0
80	12.4	11.2	16.8

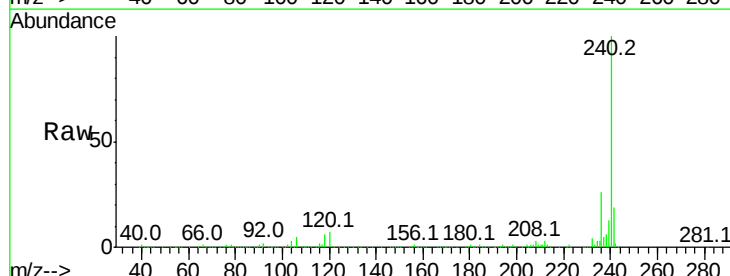


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

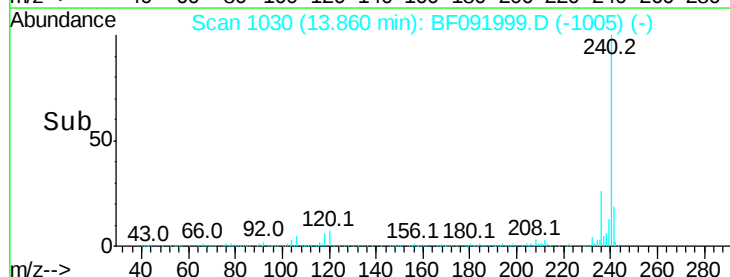
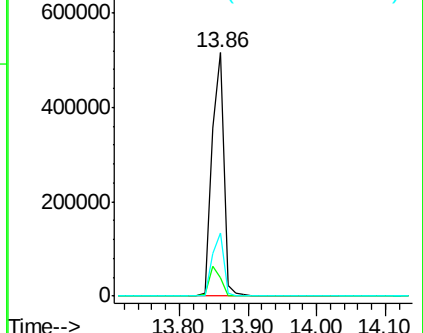


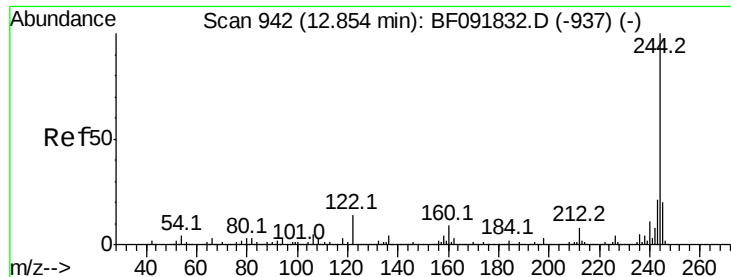
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF091999.D
 Acq: 28 Dec 2016 17:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	12.9	19.3#
236	25.8	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: 89.05 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF091999.D

Acq: 28 Dec 2016 17:29

Instrument :

BNA_F

ClientSampleId :

PIT-003-COMP

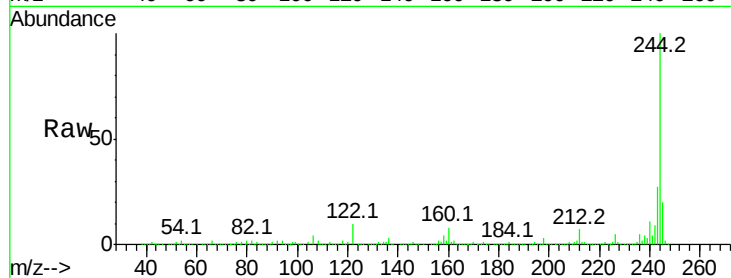
Tot Ion:244 Resp: 2312965

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

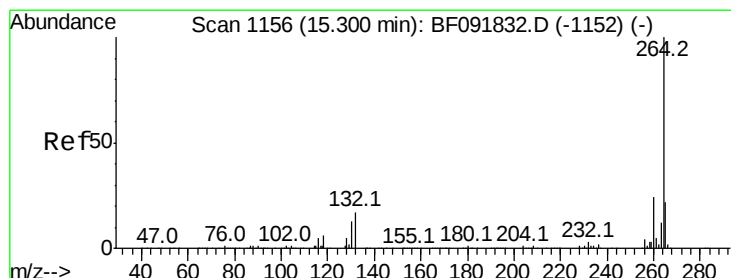
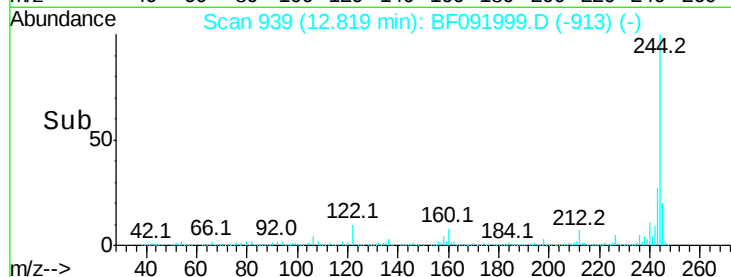
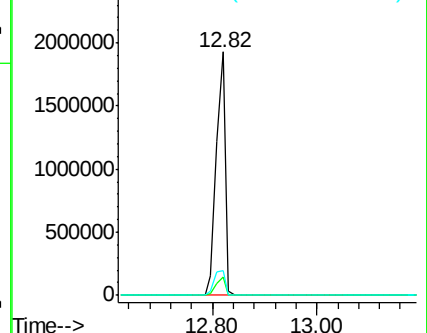
122 10.2 11.4 17.2#



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: BF091999.D

Acq: 28 Dec 2016 17:29

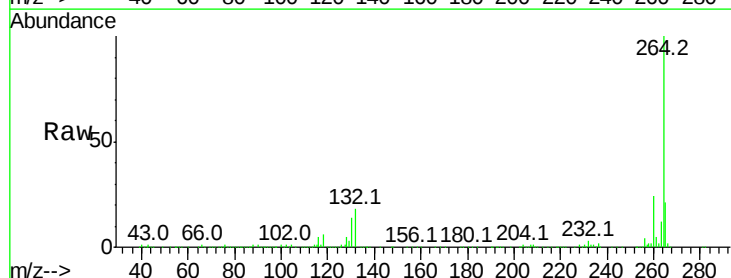
Tgt Ion:264 Resp: 450335

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.9 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

