

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
 Data File : BF091996.D
 Acq On : 28 Dec 2016 16:05
 Operator : UM/SJ
 Sample : H6226-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-02-122116

Quant Time: Dec 28 18:04:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	195748	20.00	ng	-0.05
21) Naphthalene-d8	7.98	136	800236	20.00	ng	-0.06
38) Acenaphthene-d10	9.74	164	412434	20.00	ng	-0.05
63) Phenanthrene-d10	11.22	188	686804	20.00	ng	-0.05
75) Chrysene-d12	13.86	240	699748	20.00	ng	-0.05
86) Perylene-d12	15.24	264	498576	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1514669	129.20	ng	-0.01
7) Phenol-d6	6.37	99	1659390	115.94	ng	-0.03
23) Nitrobenzene-d5	7.28	82	1477313	102.65	ng	-0.05
41) 2,4,6-Tribromophenol	10.53	330	462536	135.51	ng	-0.05
44) 2-Fluorobiphenyl	9.07	172	2067547	105.88	ng	-0.05
78) Terphenyl-d14	12.82	244	2587091	89.67	ng	-0.03

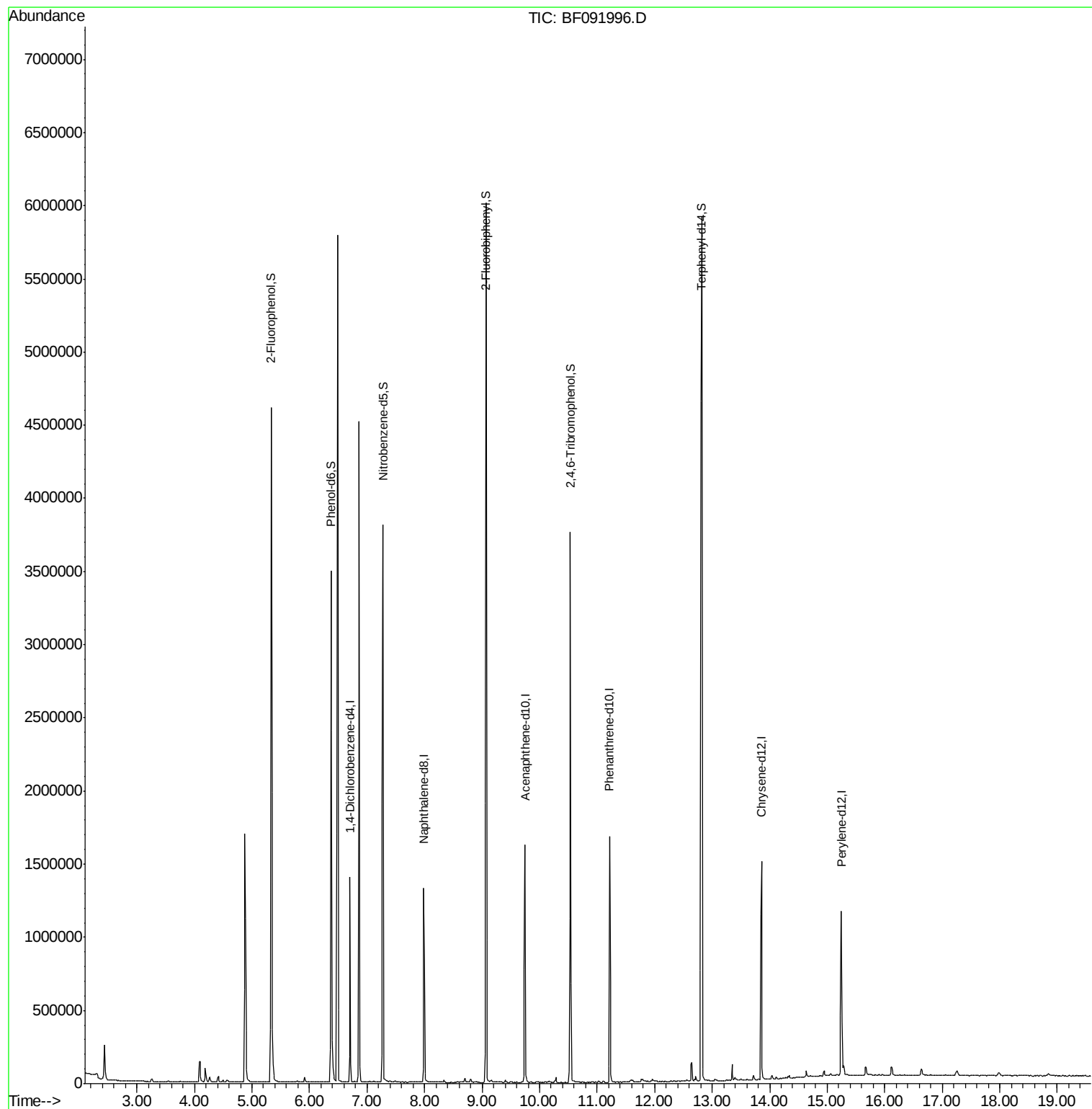
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122816\
Data File : BF091996.D
Acq On : 28 Dec 2016 16:05
Operator : UM/SJ
Sample : H6226-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Quant Time: Dec 28 18:04:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.05 min

Lab File: BF091996.D

Acq: 28 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

IDW-02-122116

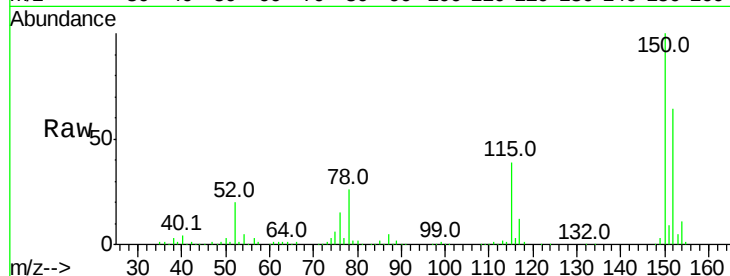
Tot Ion:152 Resp: 195748

Ion Ratio Lower Upper

152 100

150 156.4 124.9 187.3

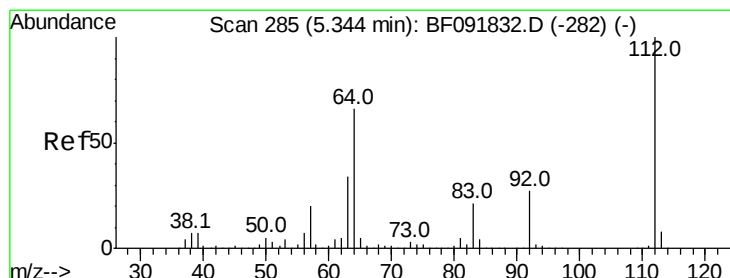
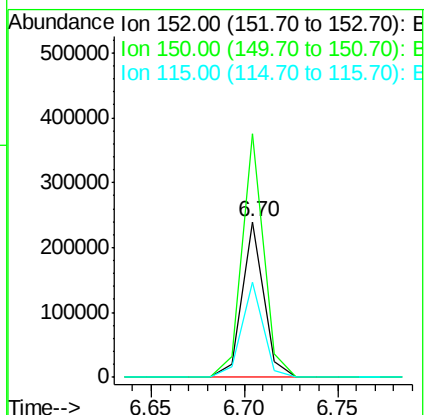
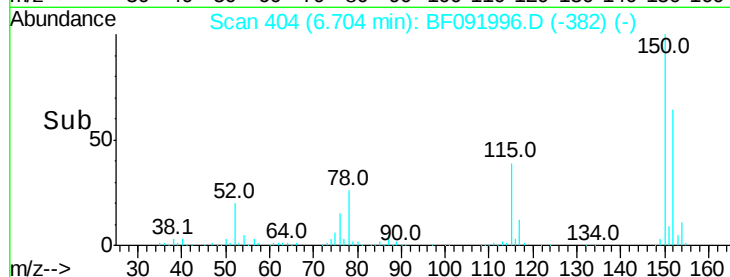
115 61.3 46.0 69.0



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: 129.20 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.01 min

Lab File: BF091996.D

Acq: 28 Dec 2016 16:05

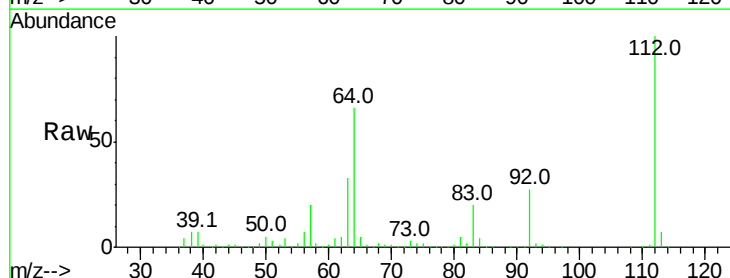
Tgt Ion:112 Resp: 1514669

Ion Ratio Lower Upper

112 100

64 65.6 46.1 69.1

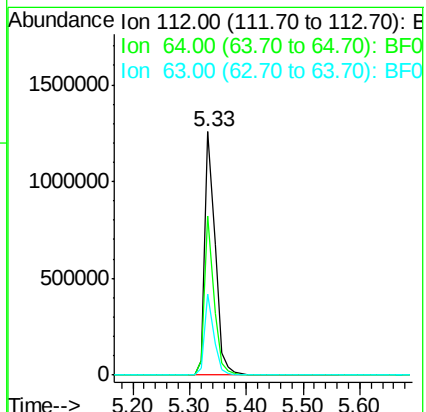
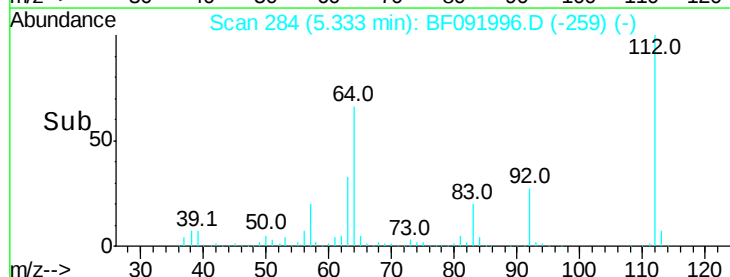
63 33.4 23.8 35.6



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: 115.94 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF091996.D

Acq: 28 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

IDW-02-122116

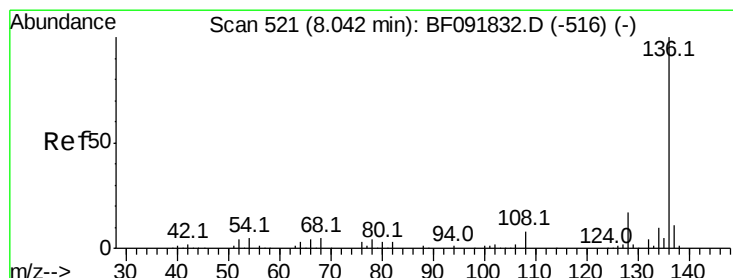
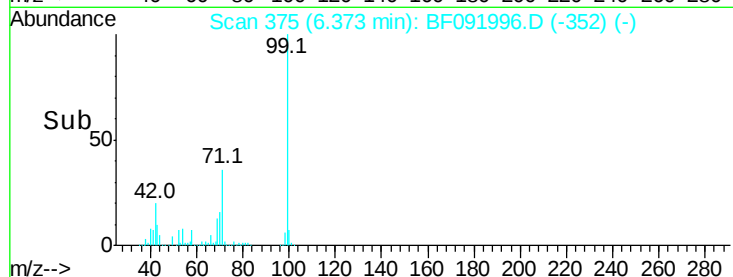
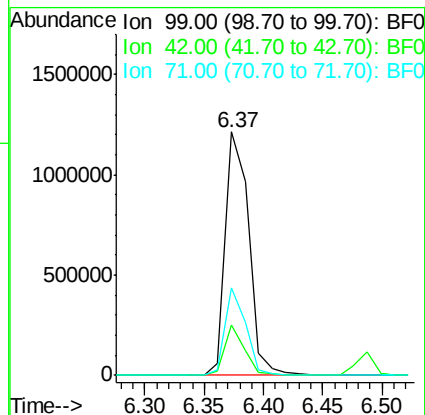
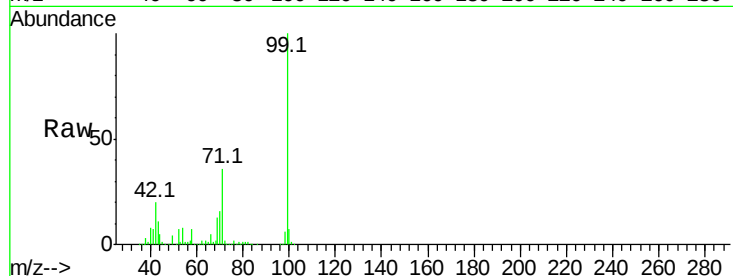
Tot Ion: 99 Resp: 1659390

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 35.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.06 min

Lab File: BF091996.D

Acq: 28 Dec 2016 16:05

Tgt Ion: 136 Resp: 800236

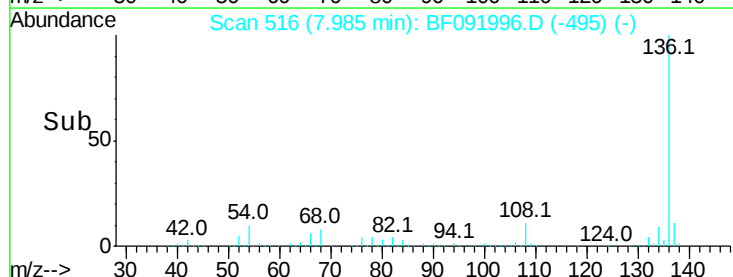
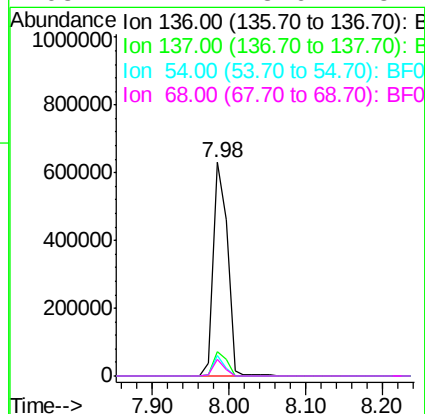
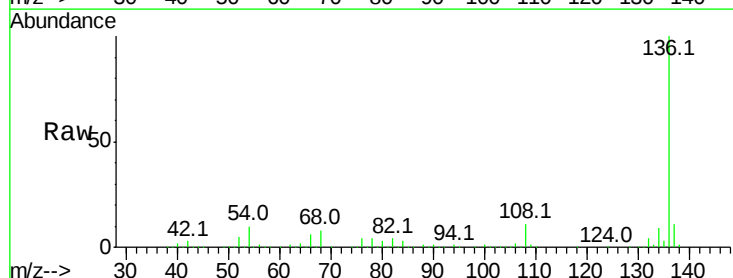
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.8 4.5 6.7#

68 7.7 3.6 5.4#



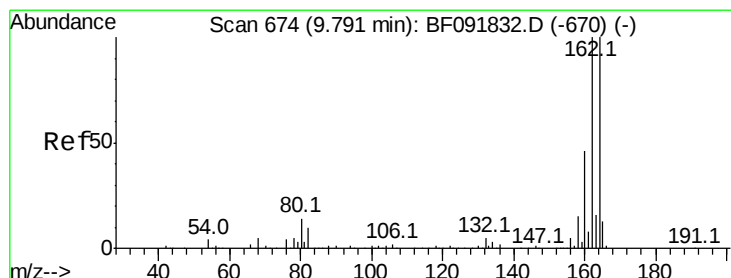
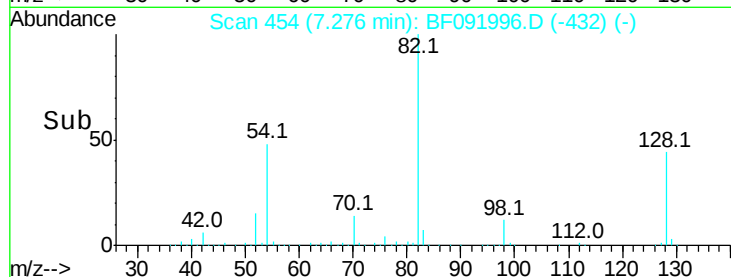
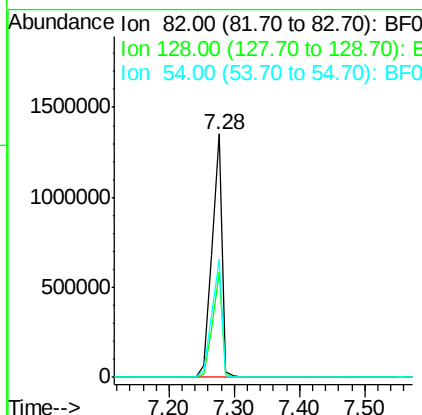
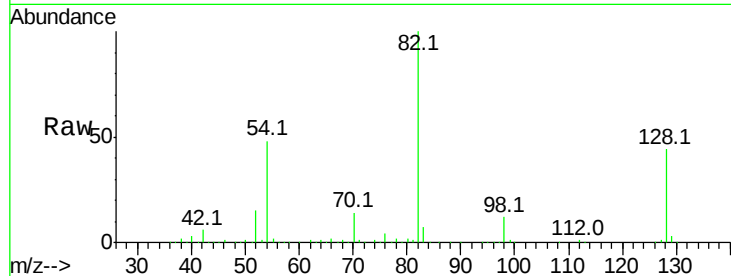


#23
 Nitrobenzene-d5
 Concen: 102.65 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.05 min
 Lab File: BF091996.D
 Acq: 28 Dec 2016 16:05

Instrument :
 BNA_F
 ClientSampleId :
 IDW-02-122116

Tot Ion: 82 Resp: 1477313

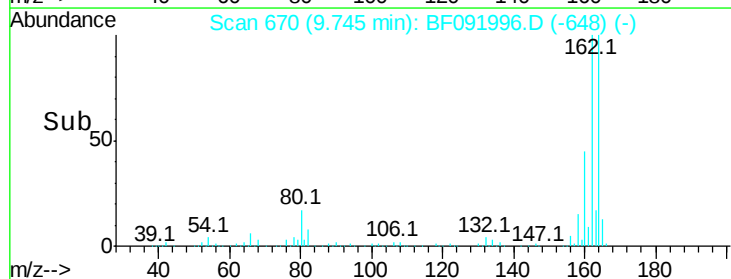
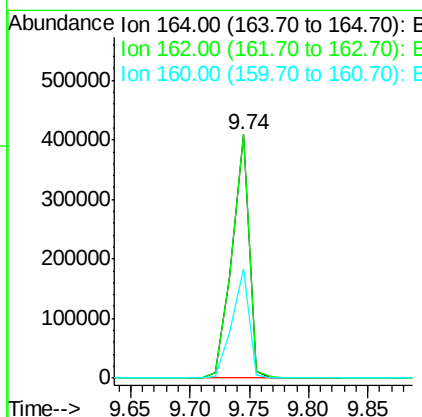
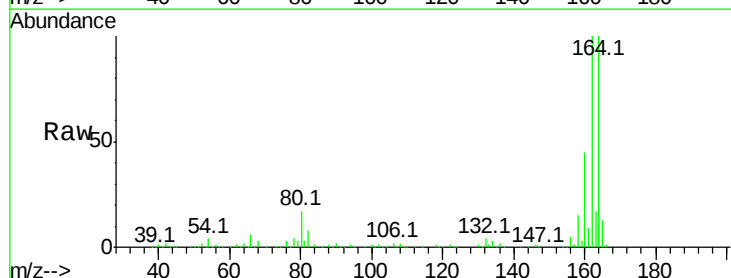
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	48.4	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.05 min
 Lab File: BF091996.D
 Acq: 28 Dec 2016 16:05

Tgt Ion:164 Resp: 412434

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	44.8	36.9	55.3

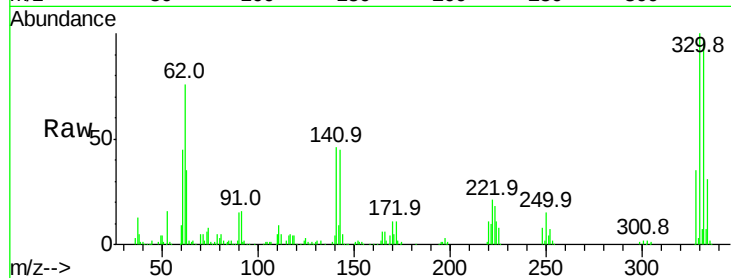




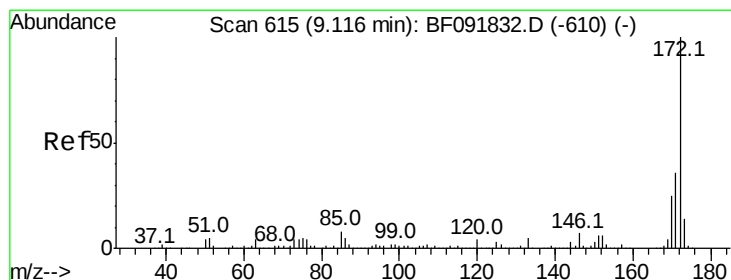
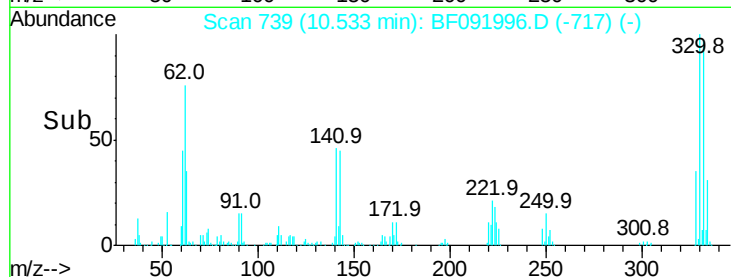
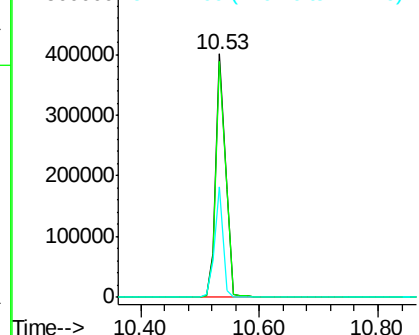
#41
 2,4,6-Tribromophenol
 Concen: 135.51 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.05 min
 Lab File: BF091996.D
 Acq: 28 Dec 2016 16:05

Instrument :
 BNA_F
 ClientSampleId :
 IDW-02-122116

Tot Ion:330 Resp: 462536
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 38.8 34.1 51.1

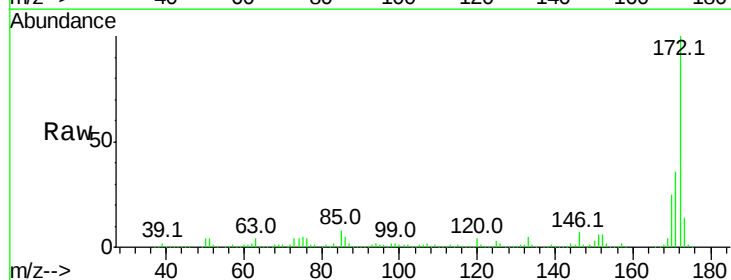


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

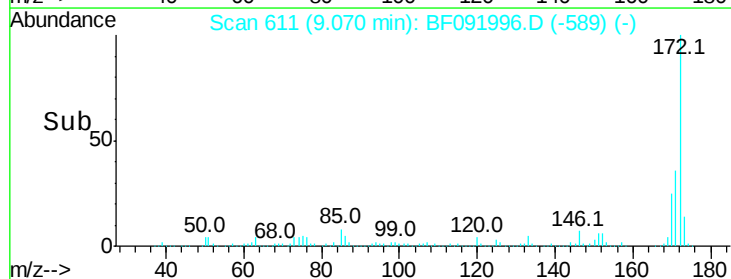
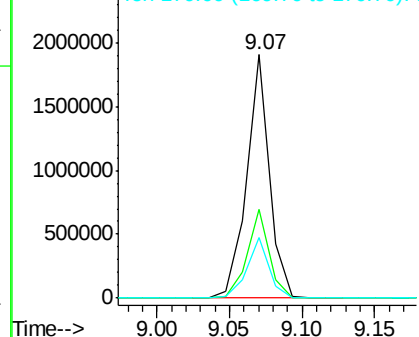


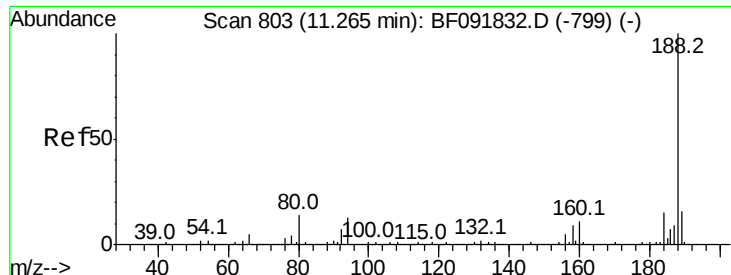
#44
 2-Fluorobiphenyl
 Concen: 105.88 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.05 min
 Lab File: BF091996.D
 Acq: 28 Dec 2016 16:05

Tgt Ion:172 Resp: 2067547
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 25.0 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

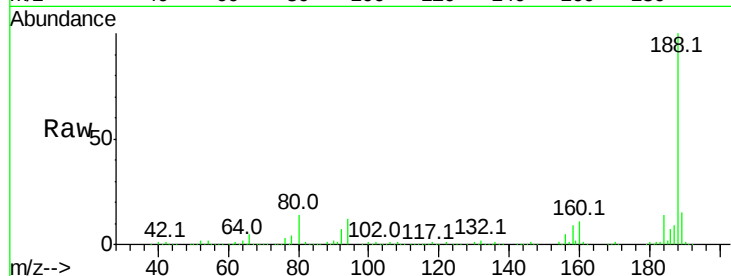




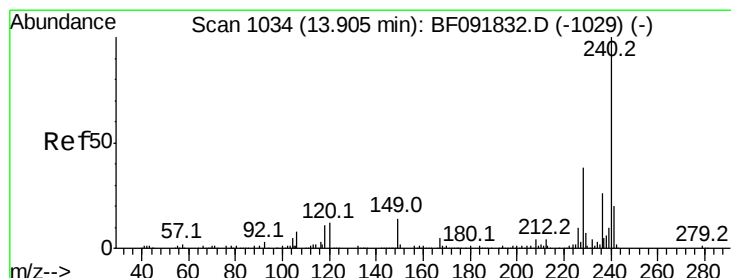
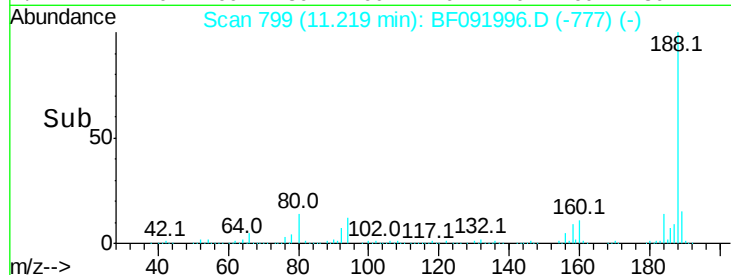
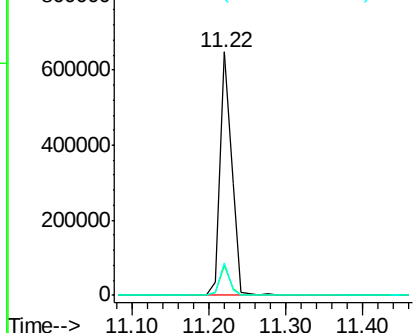
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.05 min
Lab File: BF091996.D
Acq: 28 Dec 2016 16:05

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Tot Ion:188 Resp: 686804
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 13.6 11.2 16.8

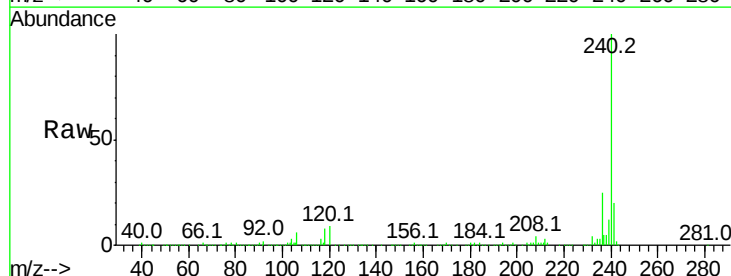


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

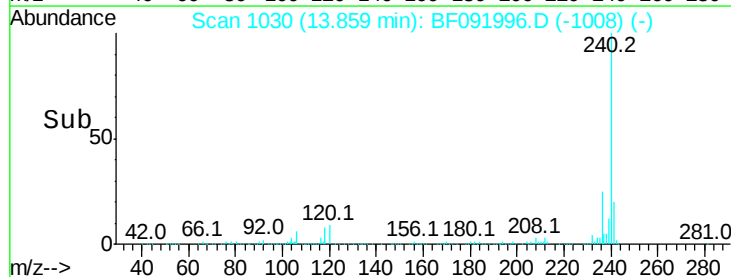
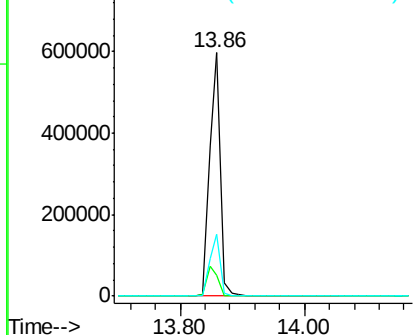


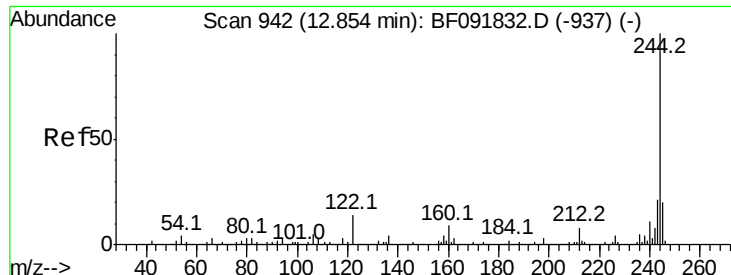
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF091996.D
Acq: 28 Dec 2016 16:05

Tgt Ion:240 Resp: 699748
Ion Ratio Lower Upper
240 100
120 8.8 12.9 19.3#
236 25.4 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. -0.03 min

Lab File: BF091996.D

Acq: 28 Dec 2016 16:05

Instrument :

BNA_F

ClientSampleId :

IDW-02-122116

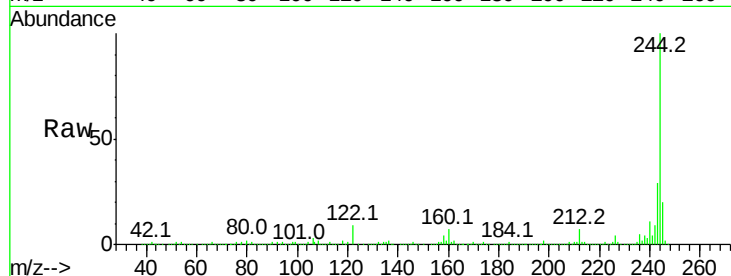
Tot Ion:244 Resp: 2587091

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

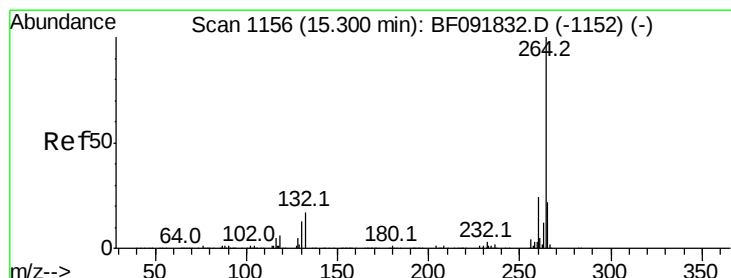
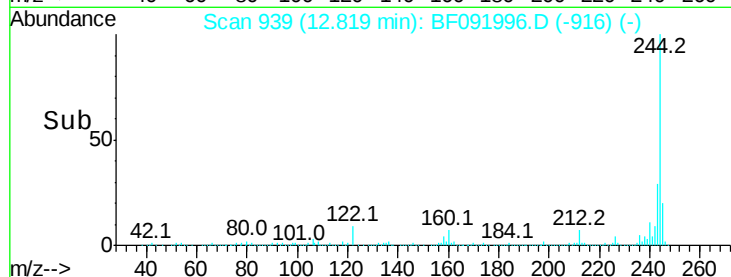
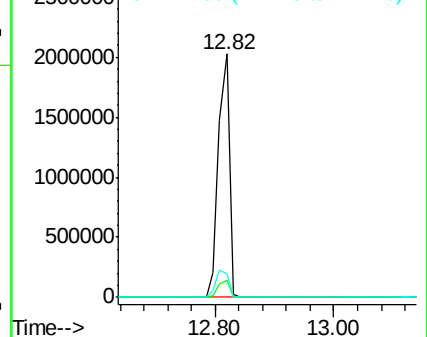
122 9.5 11.4 17.2#



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. -0.06 min

Lab File: BF091996.D

Acq: 28 Dec 2016 16:05

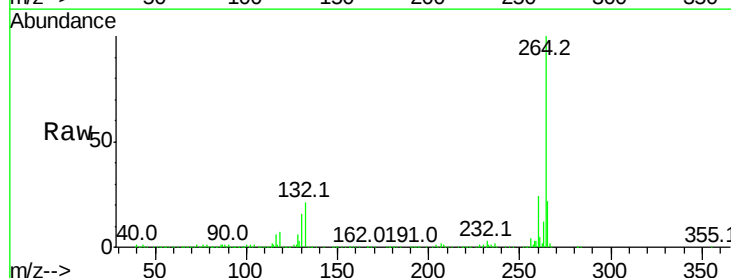
Tgt Ion:264 Resp: 498576

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.8 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

