

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091988.D
 Acq On : 28 Dec 2016 2:41
 Operator : UM/SJ
 Sample : H6236-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 122216-DSDC-E-U-M

Quant Time: Dec 28 06:21:38 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

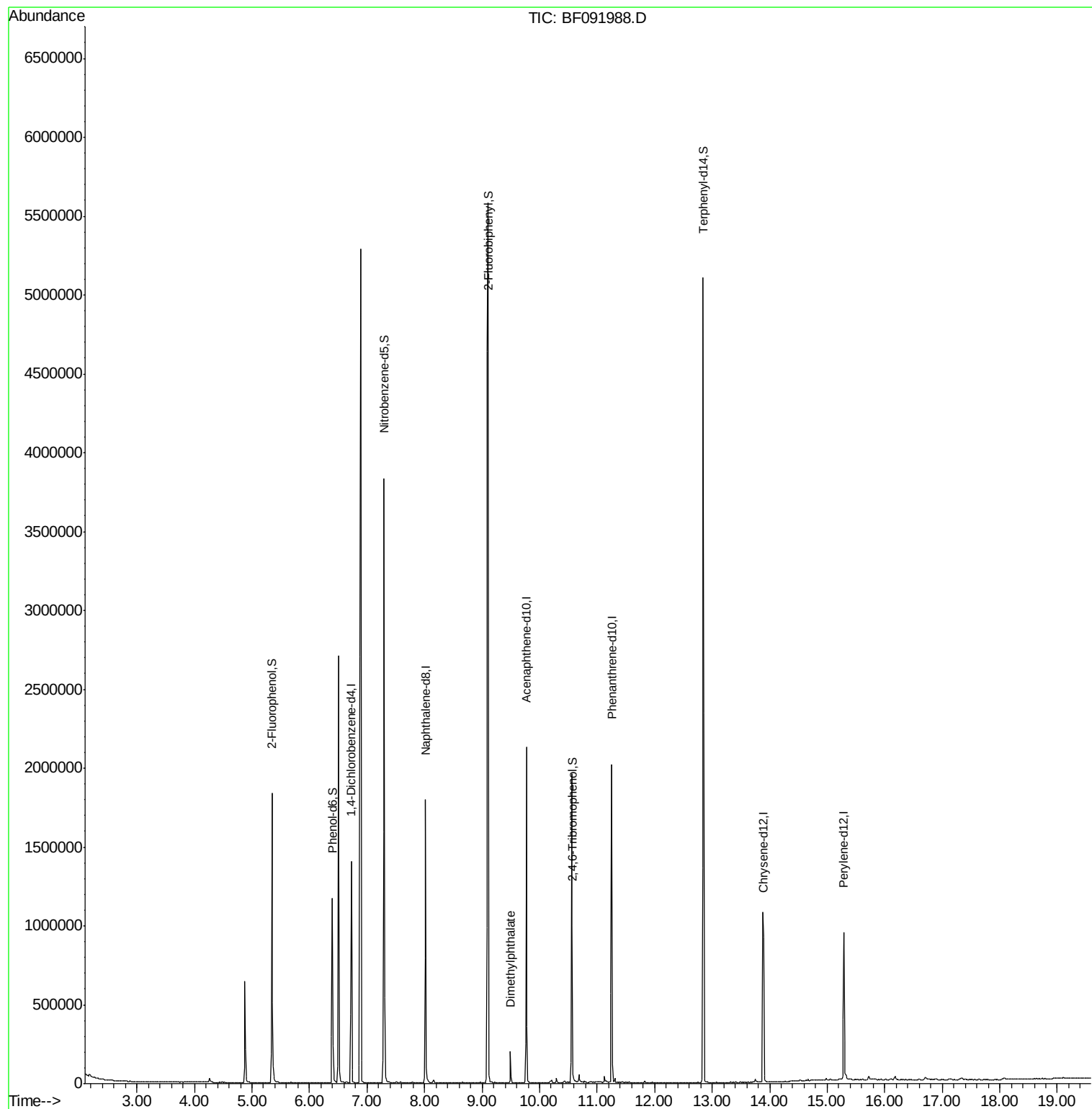
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	222269	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	957041	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	450378	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	743800	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	533882	20.00	ng	-0.01
86) Perylene-d12	15.29	264	423626	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	551275	41.41	ng	0.00
7) Phenol-d6	6.40	99	462662	28.47	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1501845	87.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	281766	75.60	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2645287	126.67	ng	-0.01
78) Terphenyl-d14	12.84	244	2049453	93.10	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.49	163	83720	2.91	ng	Qvalue 99

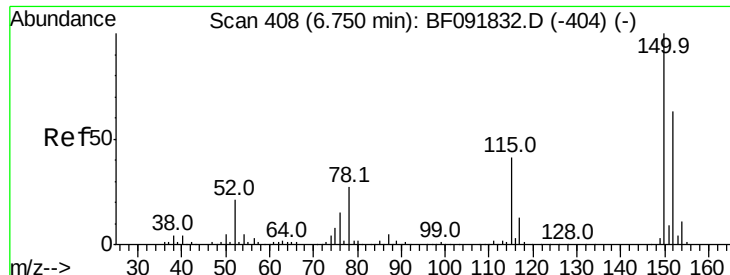
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-U-M

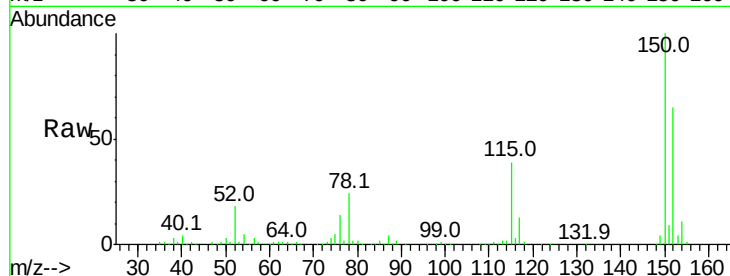
Tot Ion:152 Resp: 222269

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

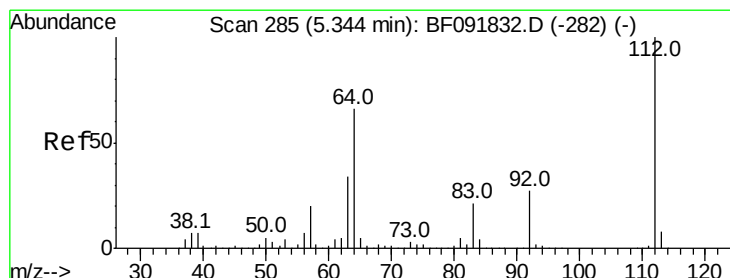
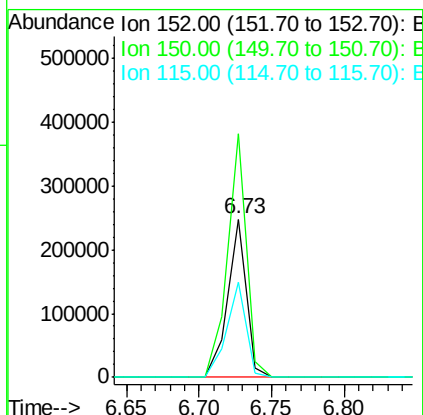
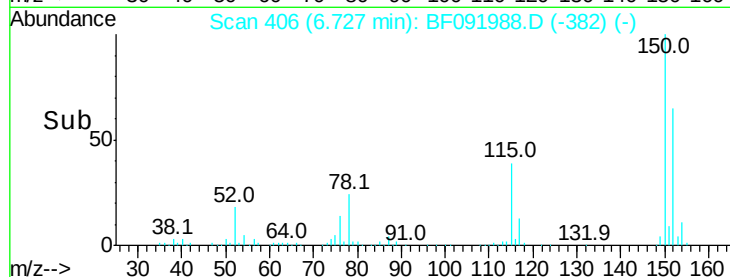
115 60.5 46.0 69.0



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: 41.41 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

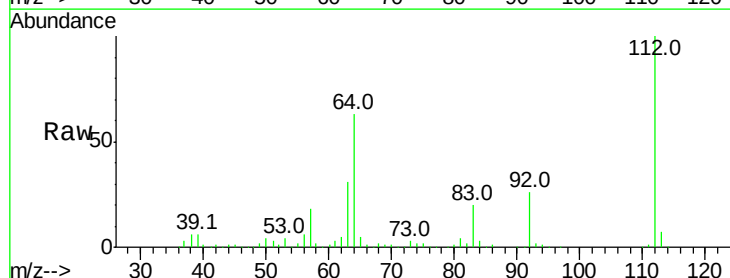
Tgt Ion:112 Resp: 551275

Ion Ratio Lower Upper

112 100

64 62.7 46.1 69.1

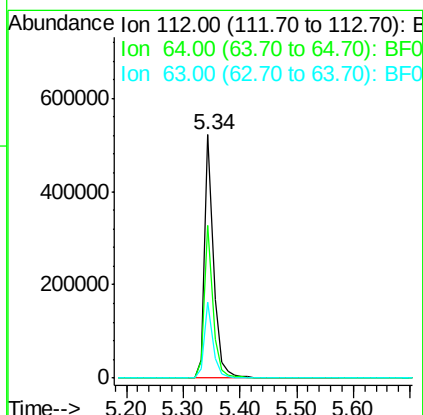
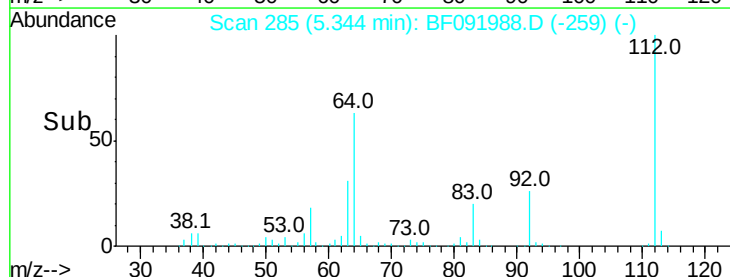
63 31.4 23.8 35.6

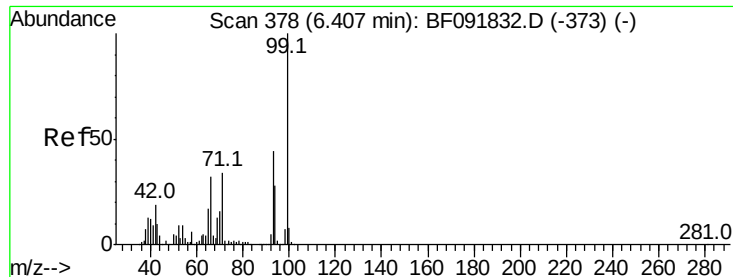


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.47 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-U-M

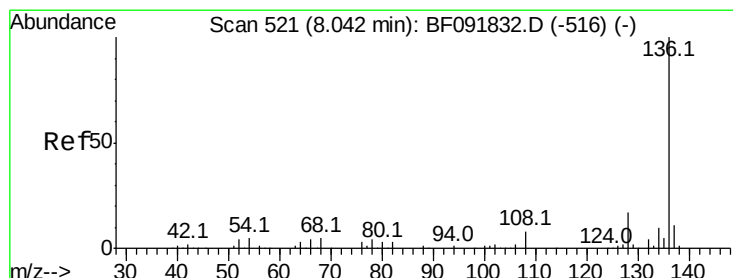
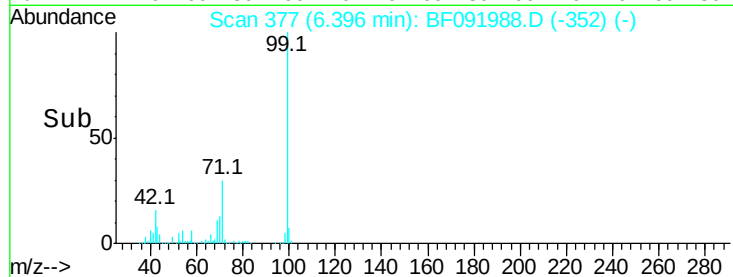
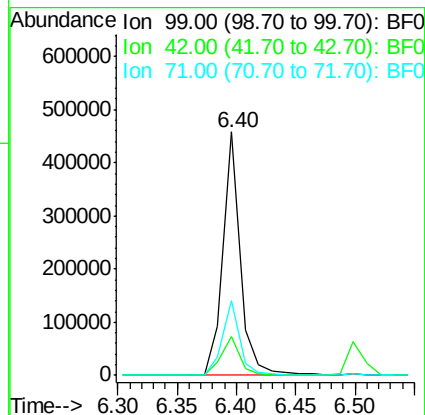
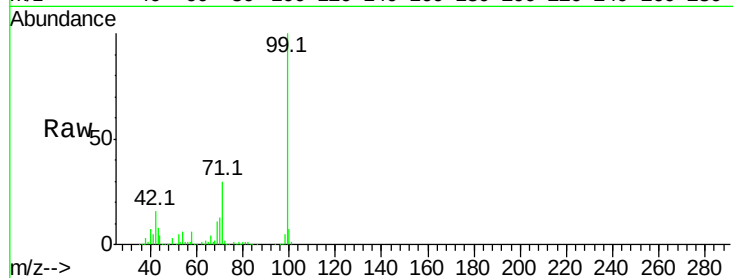
Tot Ion: 99 Resp: 462662

Ion Ratio Lower Upper

99 100

42 15.8 15.6 23.4

71 30.4 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

Tgt Ion: 136 Resp: 957041

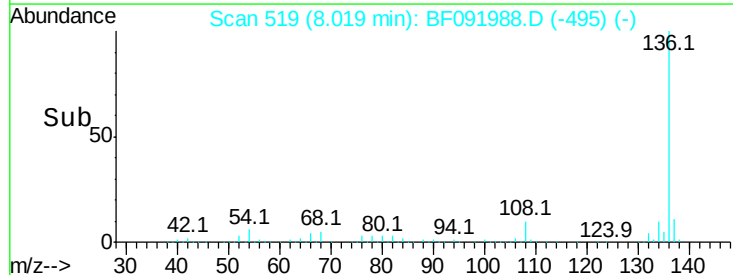
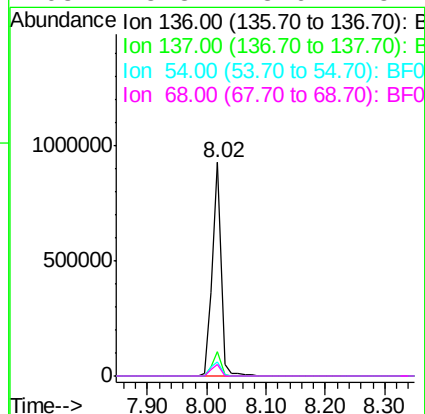
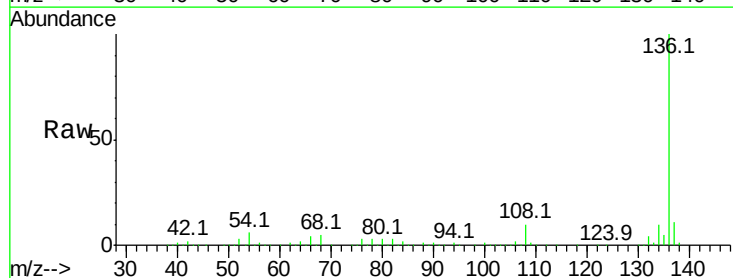
Ion Ratio Lower Upper

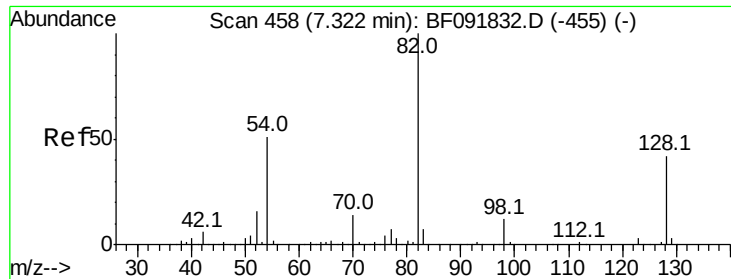
136 100

137 11.2 8.4 12.6

54 6.4 4.5 6.7

68 5.3 3.6 5.4

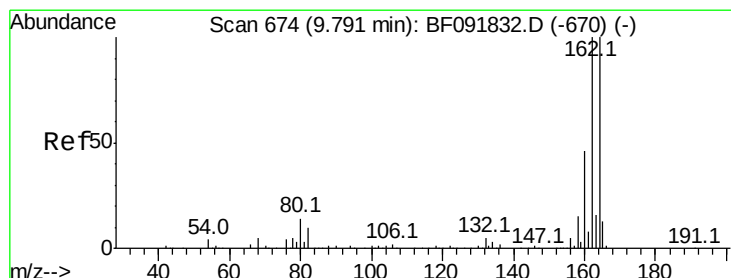
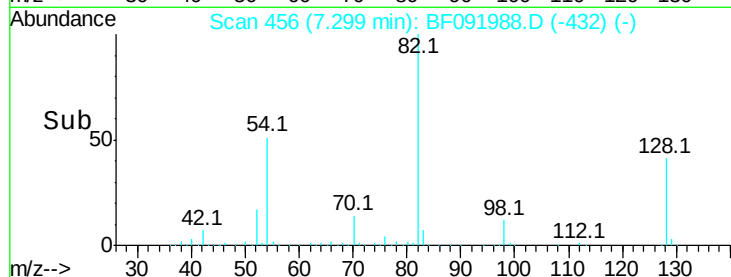
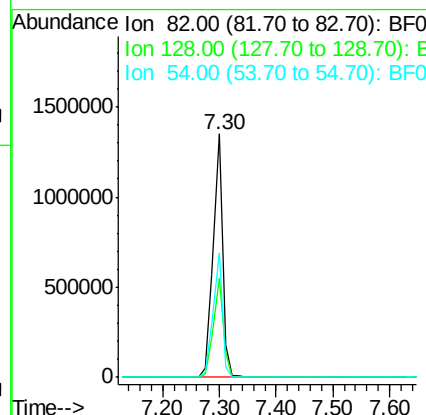
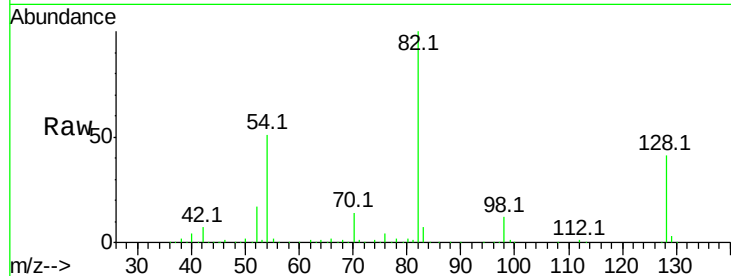




#23
Nitrobenzene-d5
Concen: 87.26 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091988.D
Acq: 28 Dec 2016 2:41

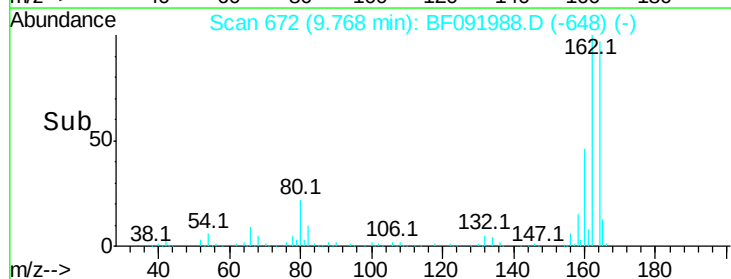
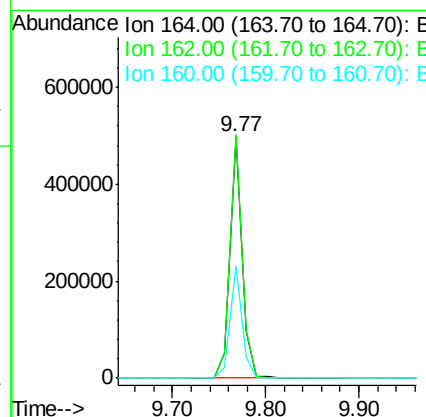
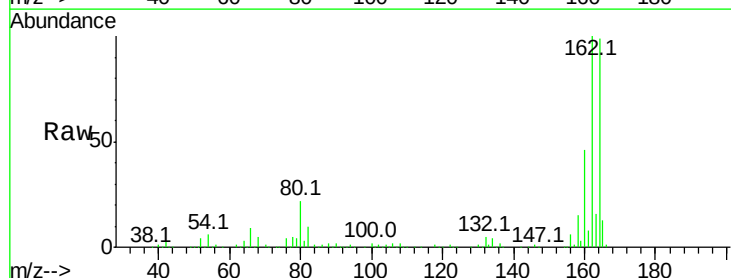
Instrument :
BNA_F
ClientSampleId :
122216-DSDC-E-U-M

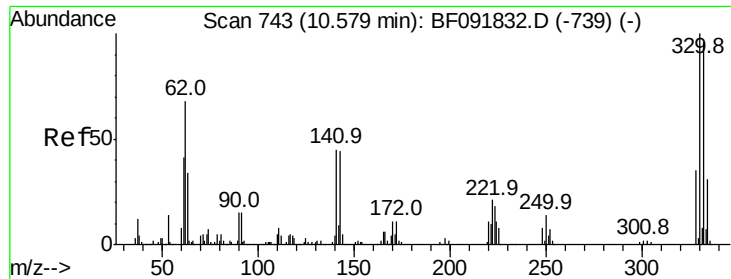
Tot Ion: 82 Resp: 1501845
Ion Ratio Lower Upper
82 100
128 40.8 34.6 52.0
54 51.1 39.5 59.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF091988.D
Acq: 28 Dec 2016 2:41

Tgt Ion:164 Resp: 450378
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 46.1 36.9 55.3

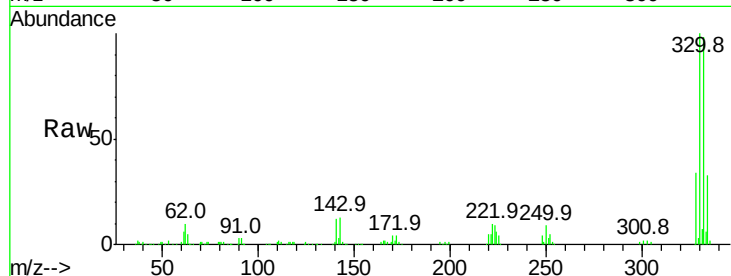




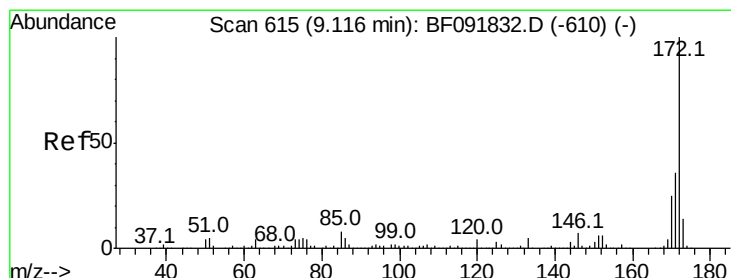
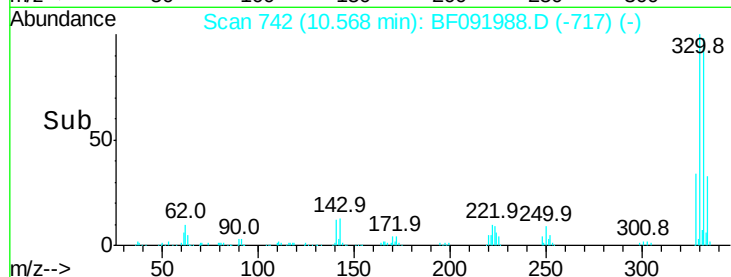
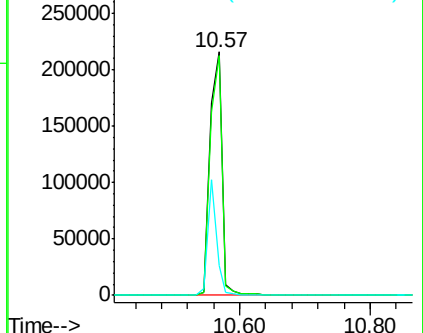
#41
 2,4,6-Tribromophenol
 Concen: 75.60 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091988.D
 Acq: 28 Dec 2016 2:41

Instrument :
 BNA_F
 ClientSampleId :
 122216-DSDC-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	34.1	34.1	51.1

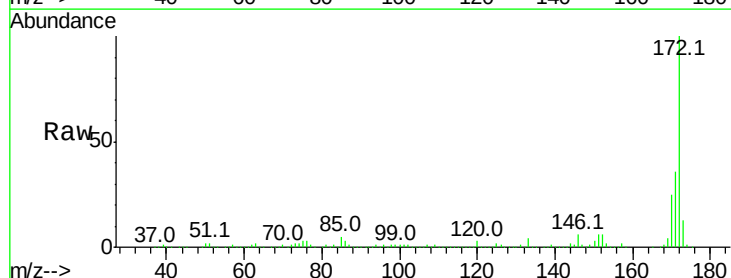


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

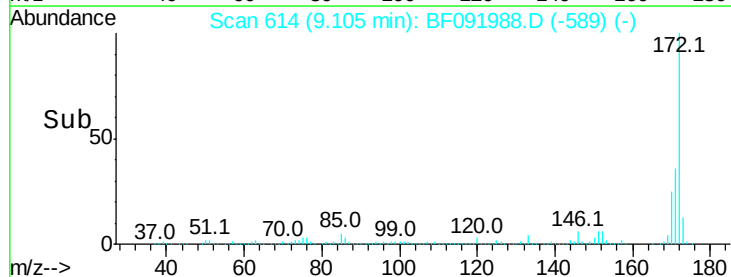
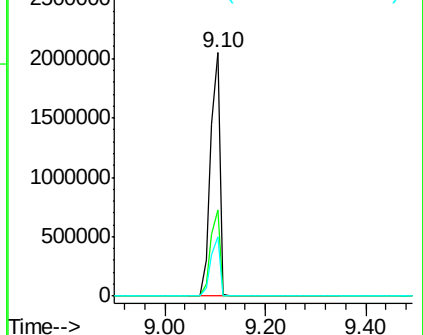


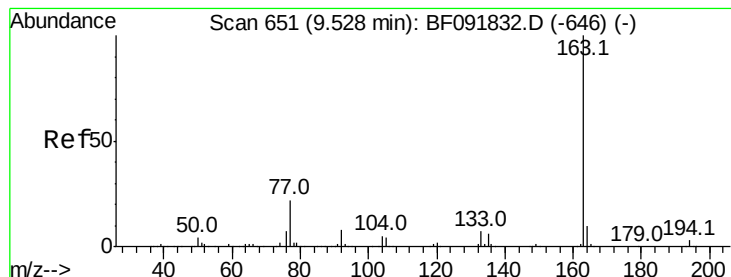
#44
 2-Fluorobiphenyl
 Concen: 126.67 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091988.D
 Acq: 28 Dec 2016 2:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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





#49

Dimethylphthalate

Concen: 2.91 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-U-M

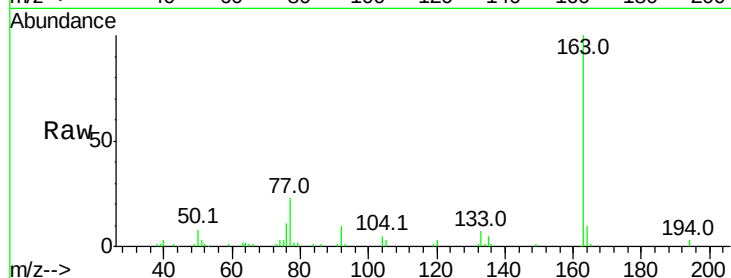
Tot Ion:163 Resp: 83720

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

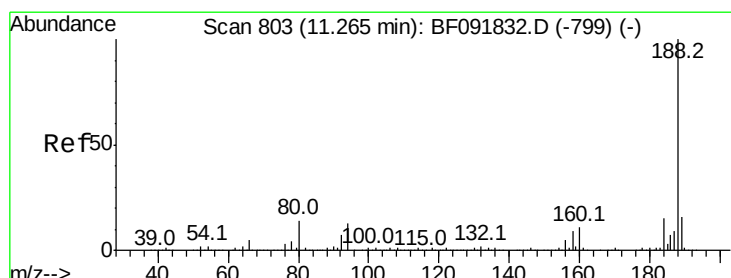
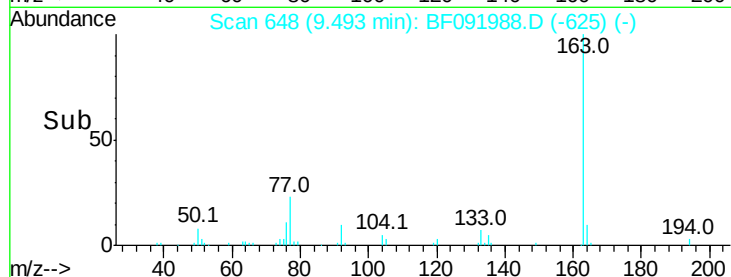
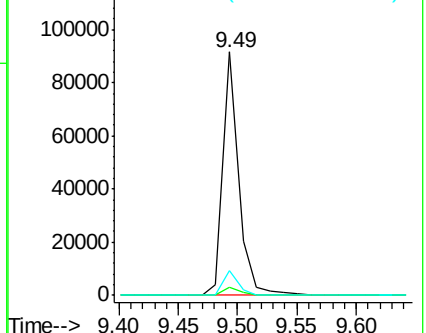
164 10.1 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

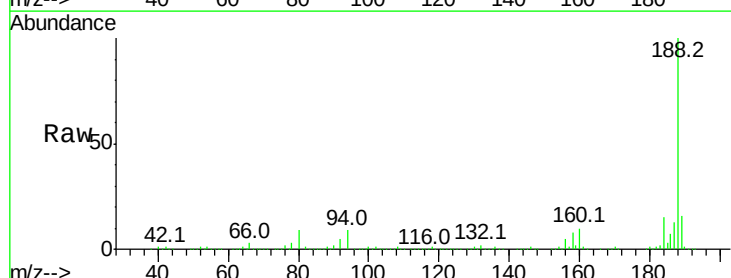
Tgt Ion:188 Resp: 743800

Ion Ratio Lower Upper

188 100

94 8.6 10.0 15.0#

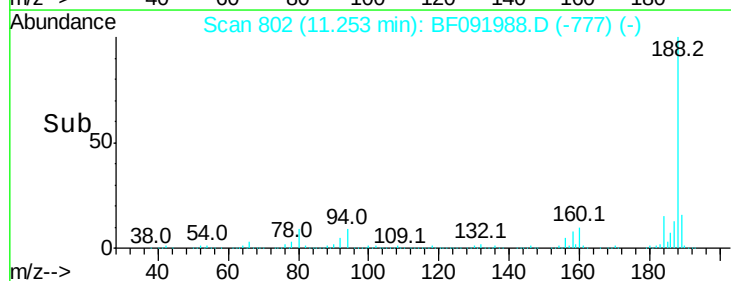
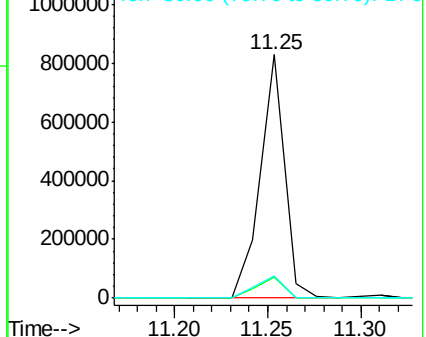
80 9.0 11.2 16.8#

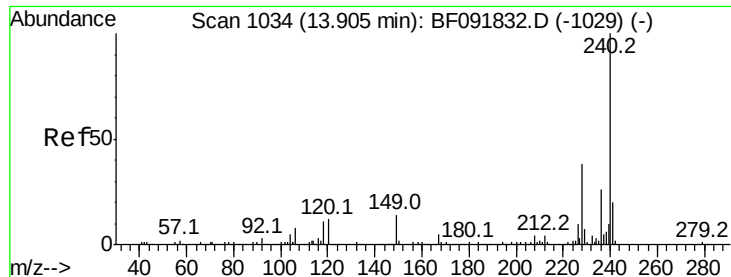


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-U-M

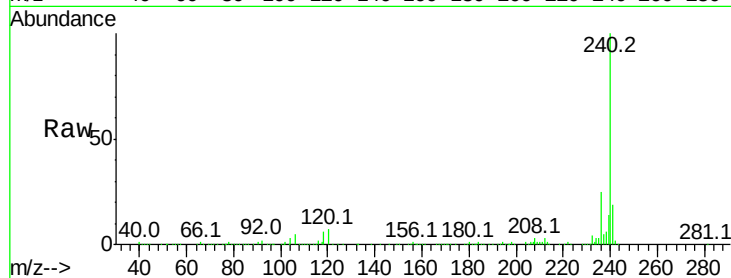
Tot Ion:240 Resp: 533882

Ion Ratio Lower Upper

240 100

120 6.7 12.9 19.3#

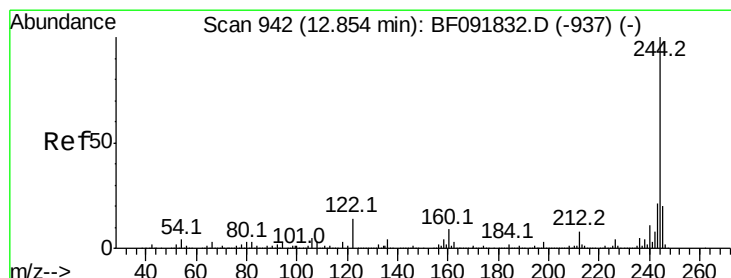
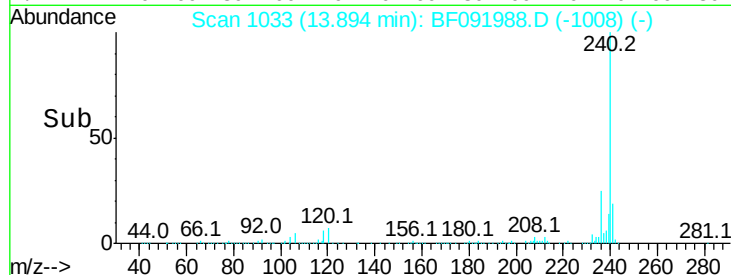
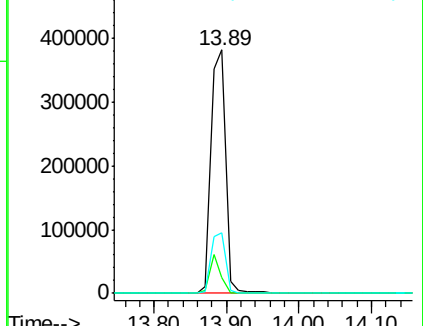
236 25.1 20.9 31.3



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: 93.10 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

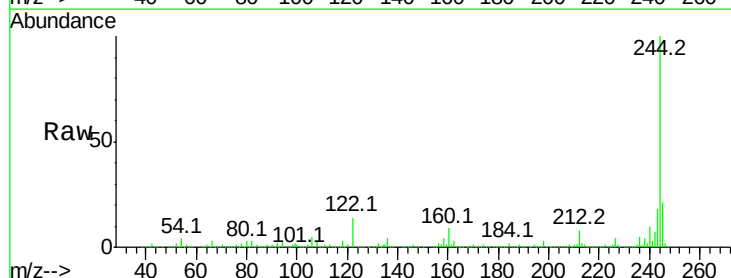
Tgt Ion:244 Resp: 2049453

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

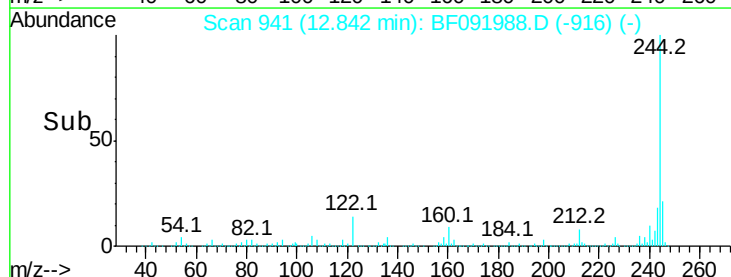
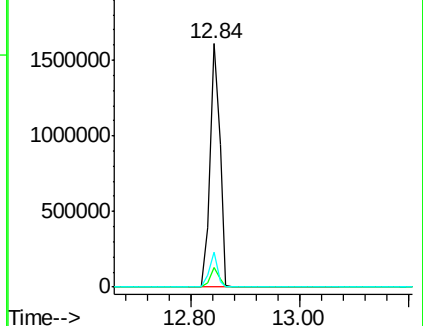
122 14.3 11.4 17.2

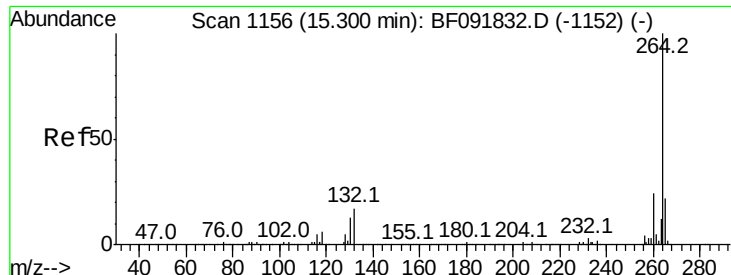


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

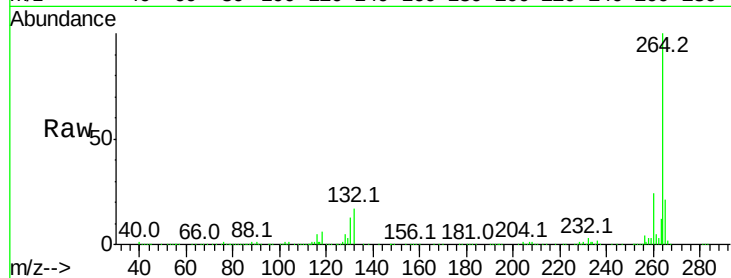




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091988.D
Acq: 28 Dec 2016 2:41

Instrument :
BNA_F
ClientSampleId :
122216-DSDC-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	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

