

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091968.D
 Acq On : 27 Dec 2016 15:26
 Operator : UM/SJ
 Sample : PB95629BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95629BL

Quant Time: Dec 28 00:37:17 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	234200	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	878345	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	455020	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	745894	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	560344	20.00	ng	-0.02
86) Perylene-d12	15.28	264	444885	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	2032089	144.88	ng	0.02
7) Phenol-d6	6.41	99	2255081	131.69	ng	0.00
23) Nitrobenzene-d5	7.30	82	1334756	84.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	480215	127.53	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	2119233	97.29	ng	-0.02
78) Terphenyl-d14	12.84	244	1887274	81.68	ng	-0.01

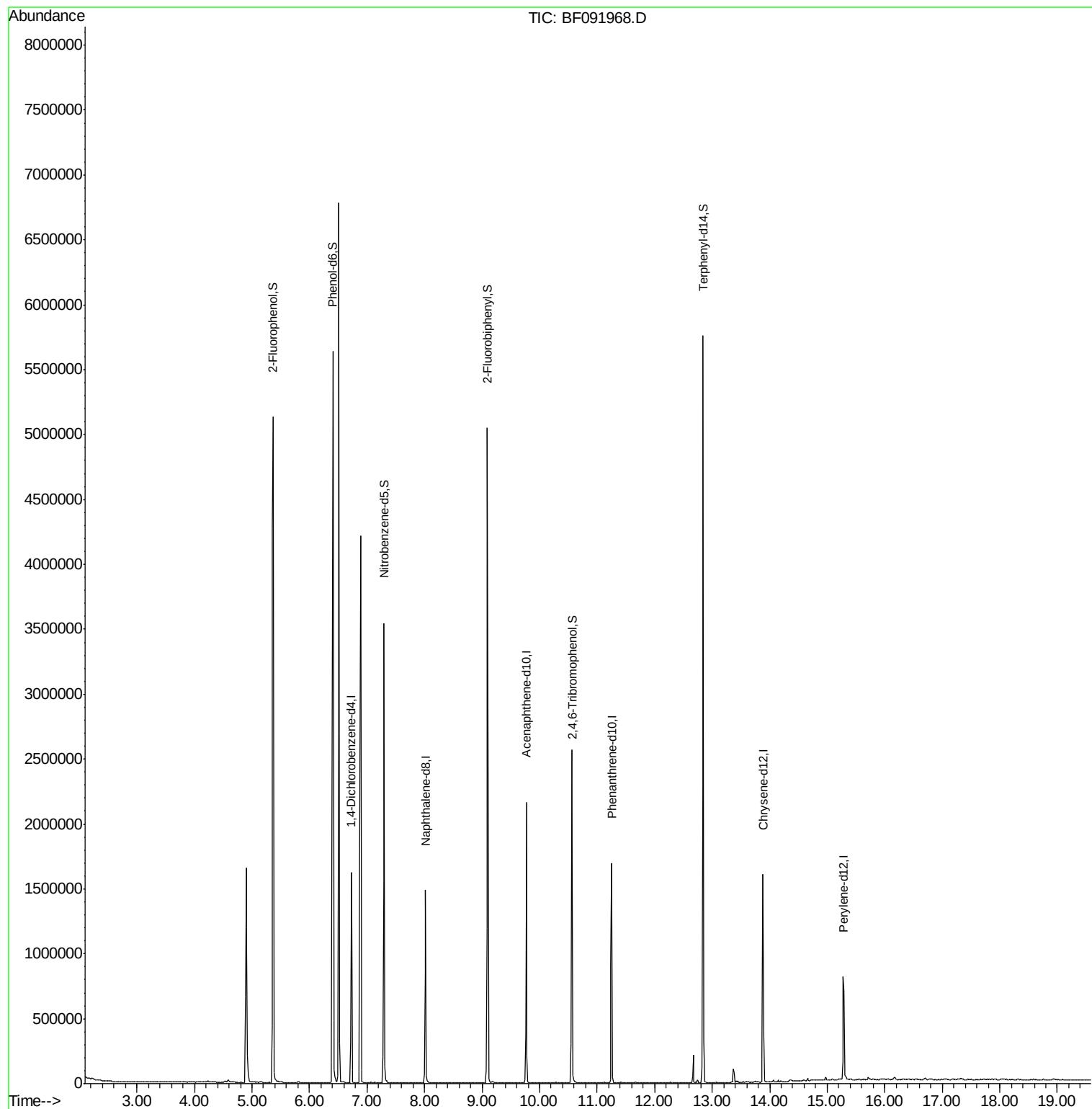
Target Compounds Qvalue

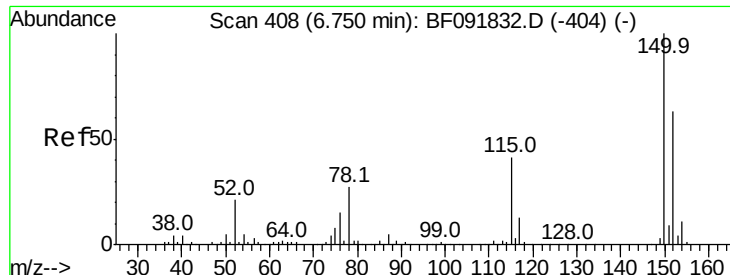
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
Data File : BF091968.D
Acq On : 27 Dec 2016 15:26
Operator : UM/SJ
Sample : PB95629BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95629BL

Quant Time: Dec 28 00:37:17 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: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091968.D

Acq: 27 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

PB95629BL

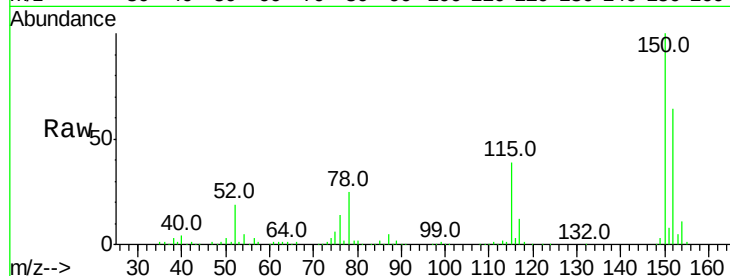
Tot Ion:152 Resp: 234200

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

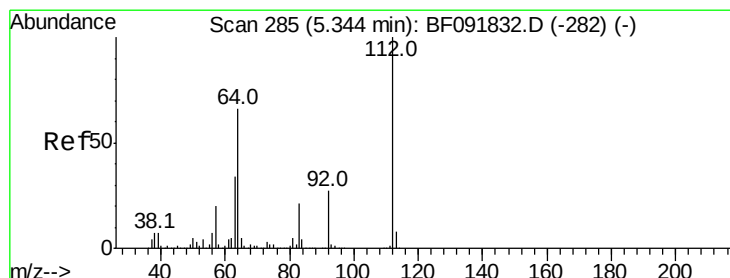
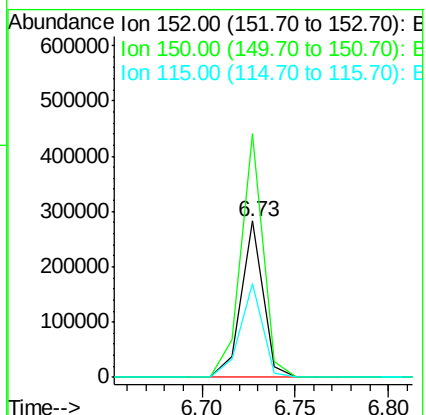
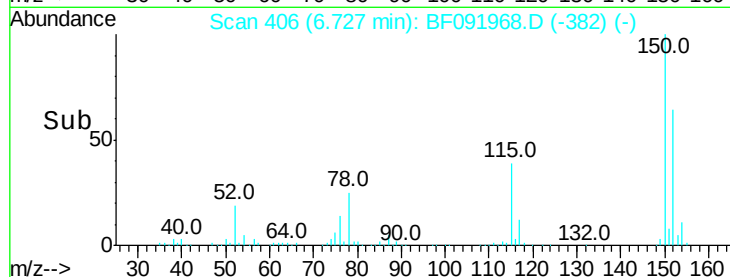
115 60.1 46.0 69.0



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: 144.88 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091968.D

Acq: 27 Dec 2016 15:26

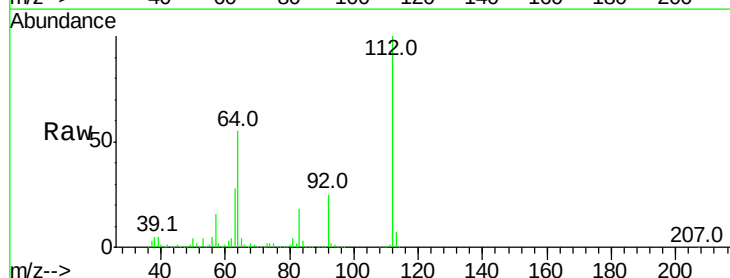
Tgt Ion:112 Resp: 2032089

Ion Ratio Lower Upper

112 100

64 54.8 46.1 69.1

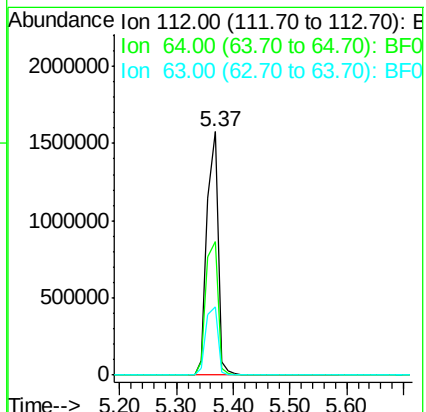
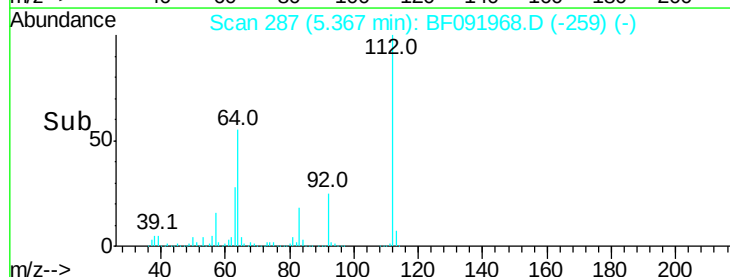
63 27.9 23.8 35.6

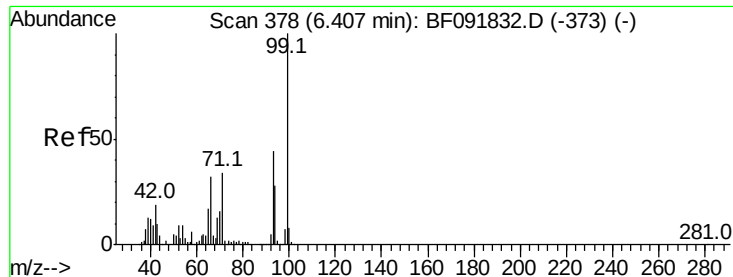


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.69 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091968.D

Acq: 27 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

PB95629BL

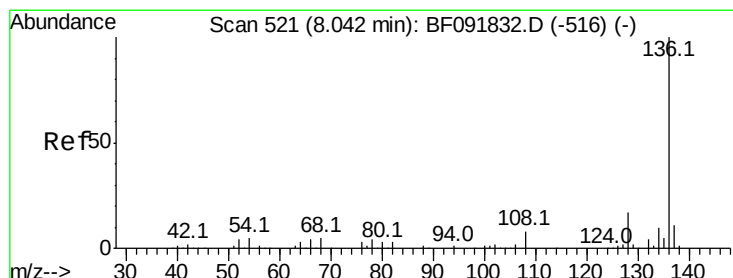
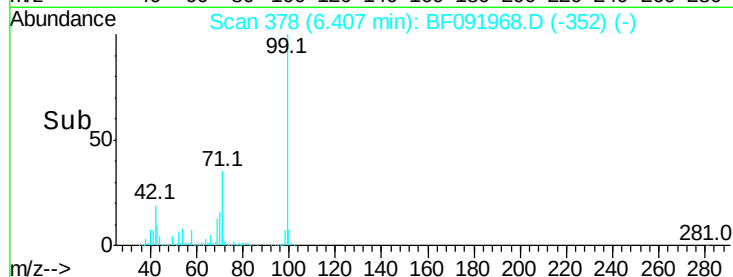
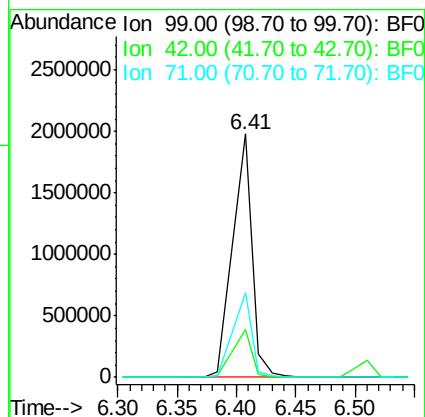
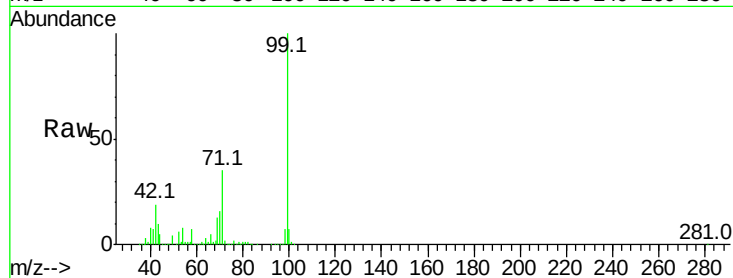
Tot Ion: 99 Resp: 2255081

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

71 34.8 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: BF091968.D

Acq: 27 Dec 2016 15:26

Tgt Ion: 136 Resp: 878345

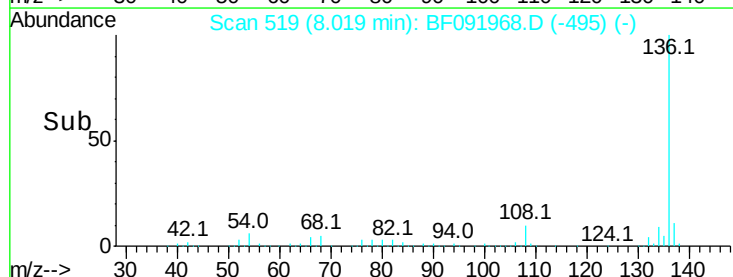
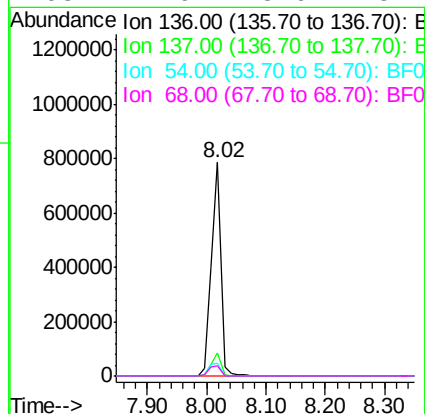
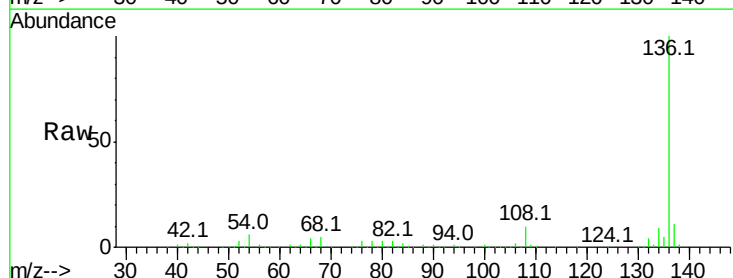
Ion Ratio Lower Upper

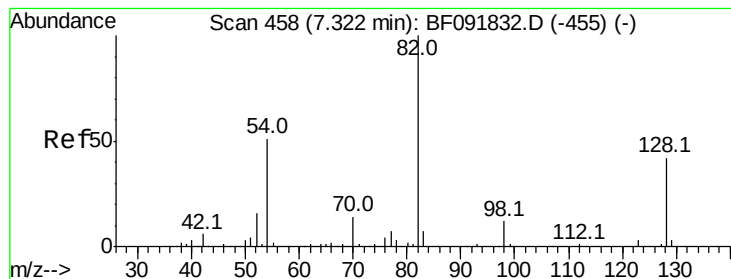
136 100

137 10.8 8.4 12.6

54 5.9 4.5 6.7

68 4.6 3.6 5.4





#23

Nitrobenzene-d5

Concen: 84.50 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF091968.D

Acq: 27 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

PB95629BL

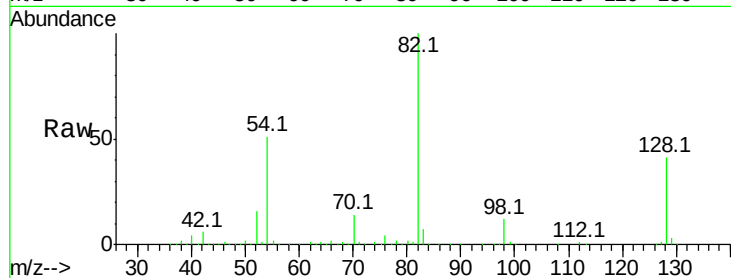
Tot Ion: 82 Resp: 1334756

Ion Ratio Lower Upper

82 100

128 41.5 34.6 52.0

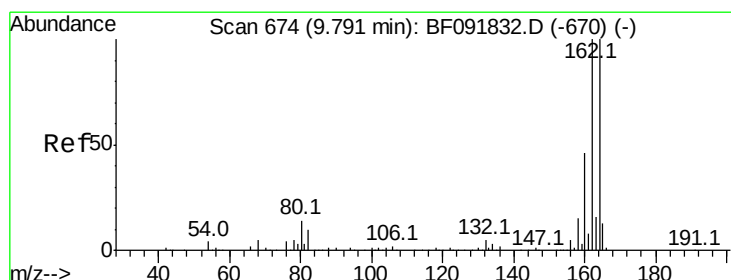
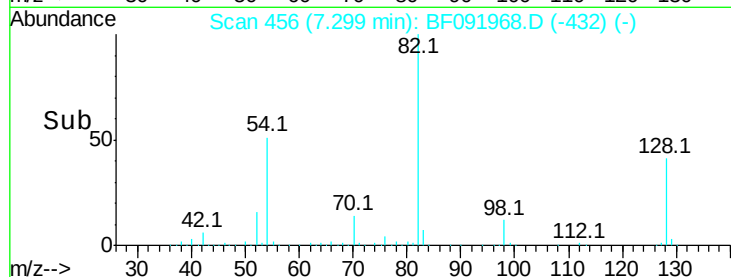
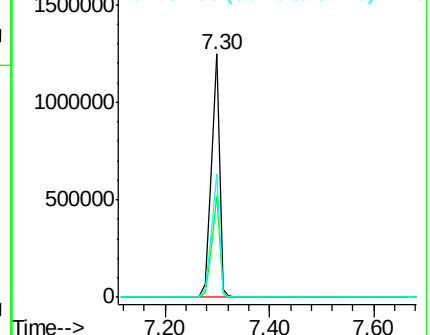
54 50.6 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF091968.D

Acq: 27 Dec 2016 15:26

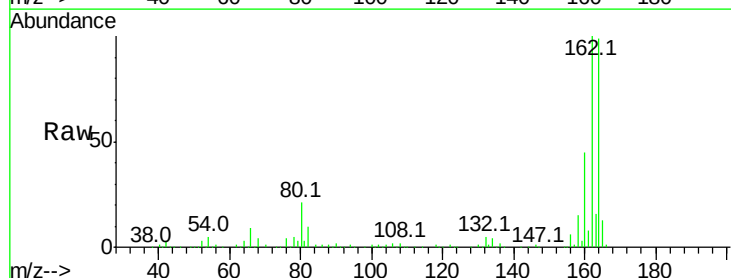
Tgt Ion:164 Resp: 455020

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.2

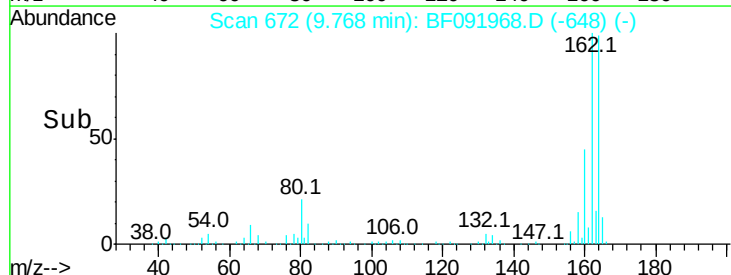
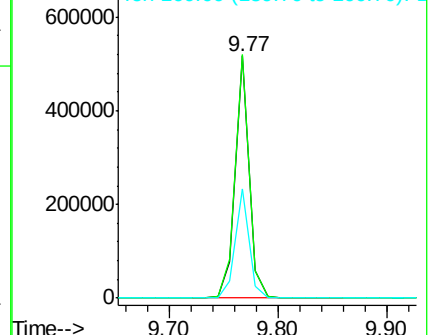
160 45.3 36.9 55.3

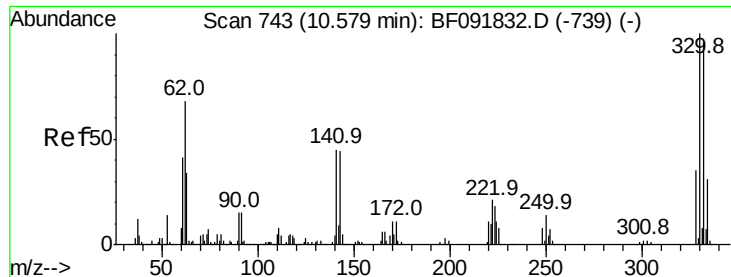


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

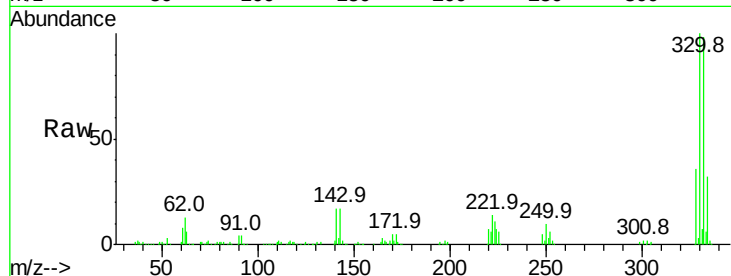




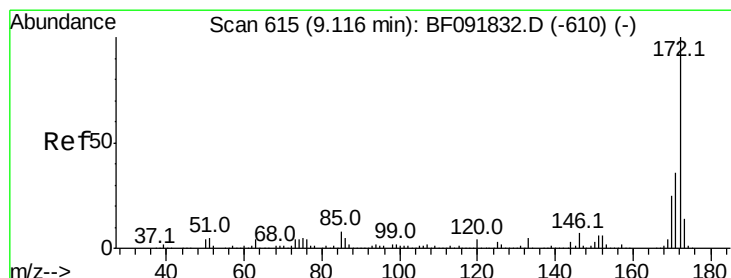
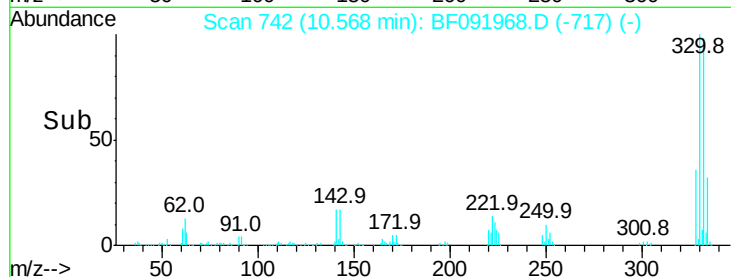
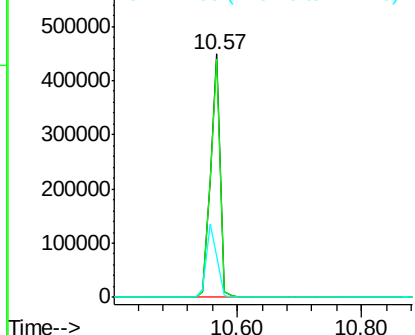
#41
 2,4,6-Tribromophenol
 Concen: 127.53 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091968.D
 Acq: 27 Dec 2016 15:26

Instrument :
 BNA_F
 ClientSampleId :
 PB95629BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.2
141	33.1	34.1	51.1#

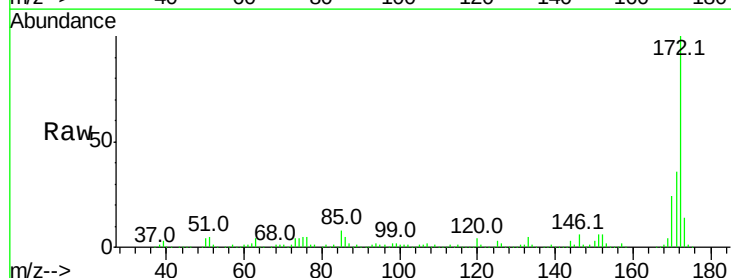


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

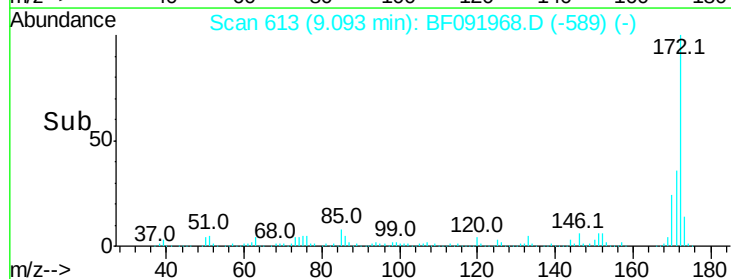
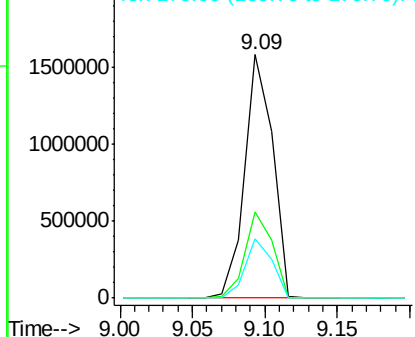


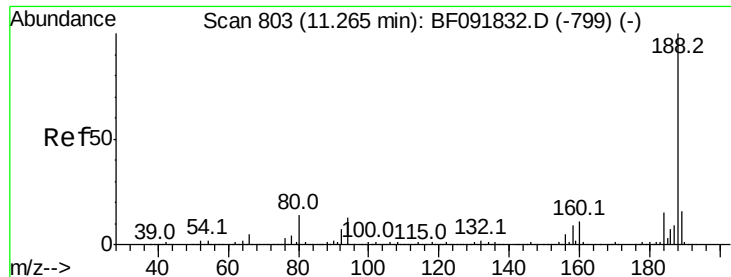
#44
 2-Fluorobiphenyl
 Concen: 97.29 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF091968.D
 Acq: 27 Dec 2016 15:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	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

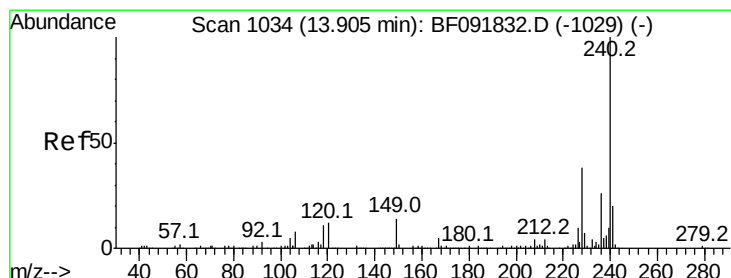
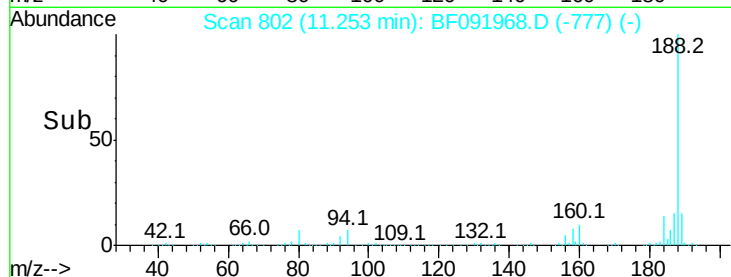
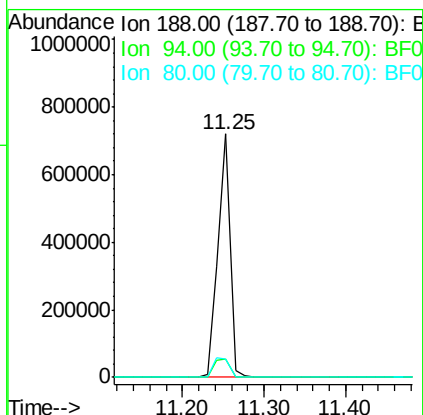
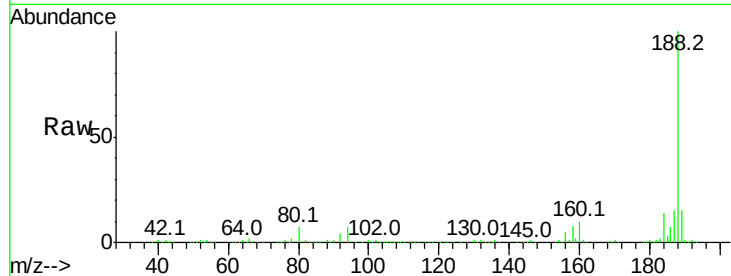




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091968.D
Acq: 27 Dec 2016 15:26

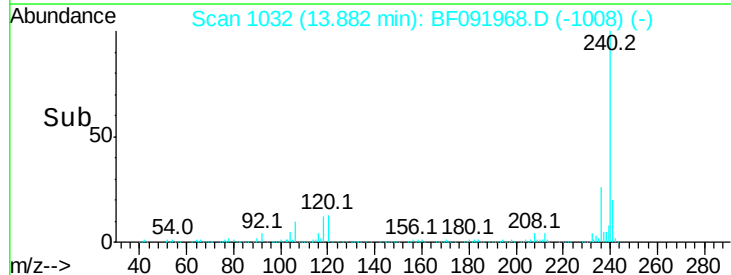
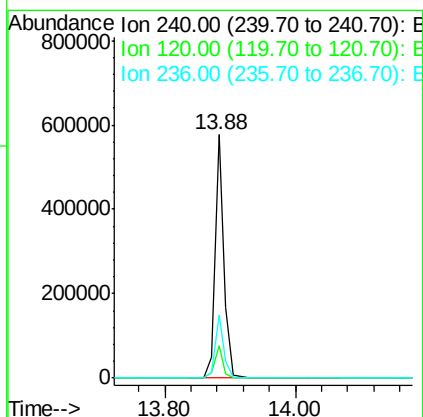
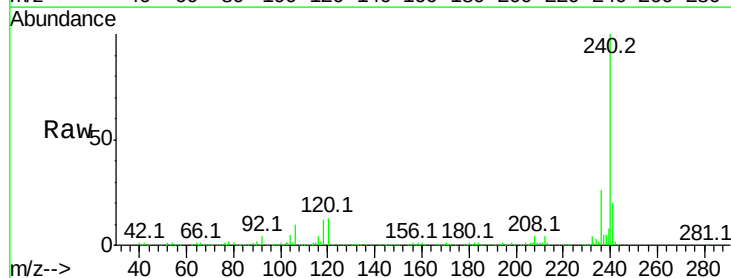
Instrument :
BNA_F
ClientSampleID :
PB95629BL

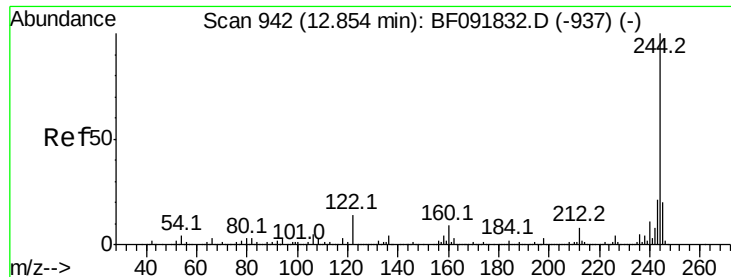
Tot Ion:188 Resp: 745894
Ion Ratio Lower Upper
188 100
94 7.3 10.0 15.0#
80 7.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091968.D
Acq: 27 Dec 2016 15:26

Tgt Ion:240 Resp: 560344
Ion Ratio Lower Upper
240 100
120 13.5 12.9 19.3
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 81.68 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091968.D

Acq: 27 Dec 2016 15:26

Instrument :

BNA_F

ClientSampleId :

PB95629BL

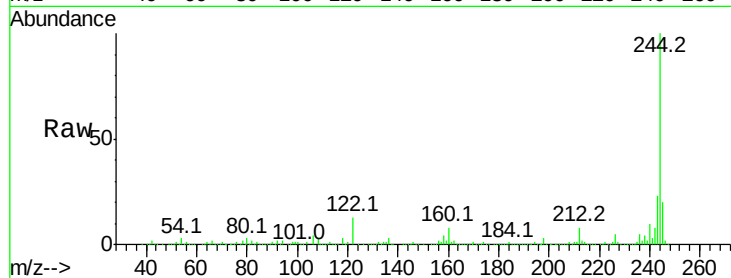
Tot Ion:244 Resp: 1887274

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

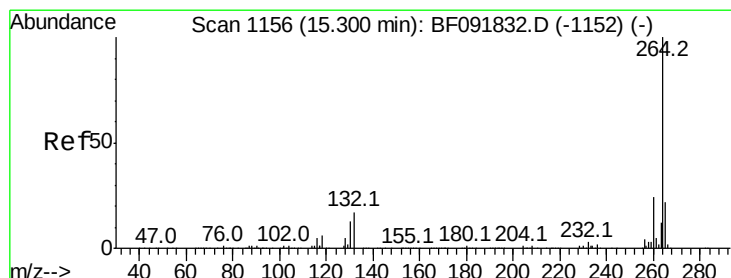
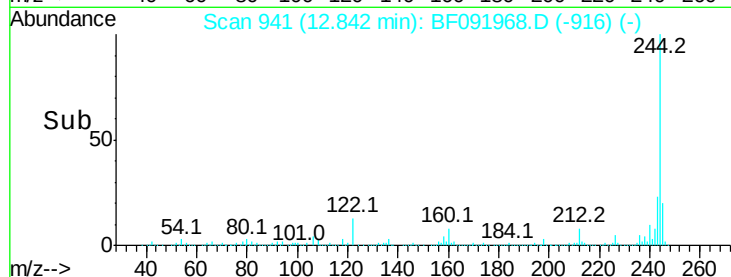
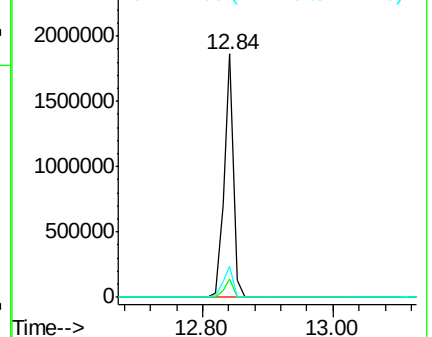
122 12.7 11.4 17.2



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: 15.28 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF091968.D

Acq: 27 Dec 2016 15:26

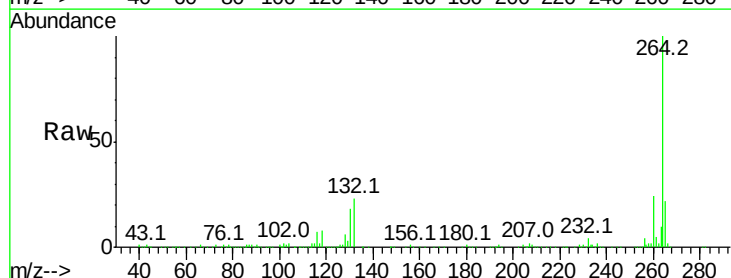
Tgt Ion:264 Resp: 444885

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.3 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

