

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091109.D
 Acq On : 9 Nov 2016 4:38
 Operator : UM/SJ
 Sample : H5593-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL

Quant Time: Nov 09 06:17:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

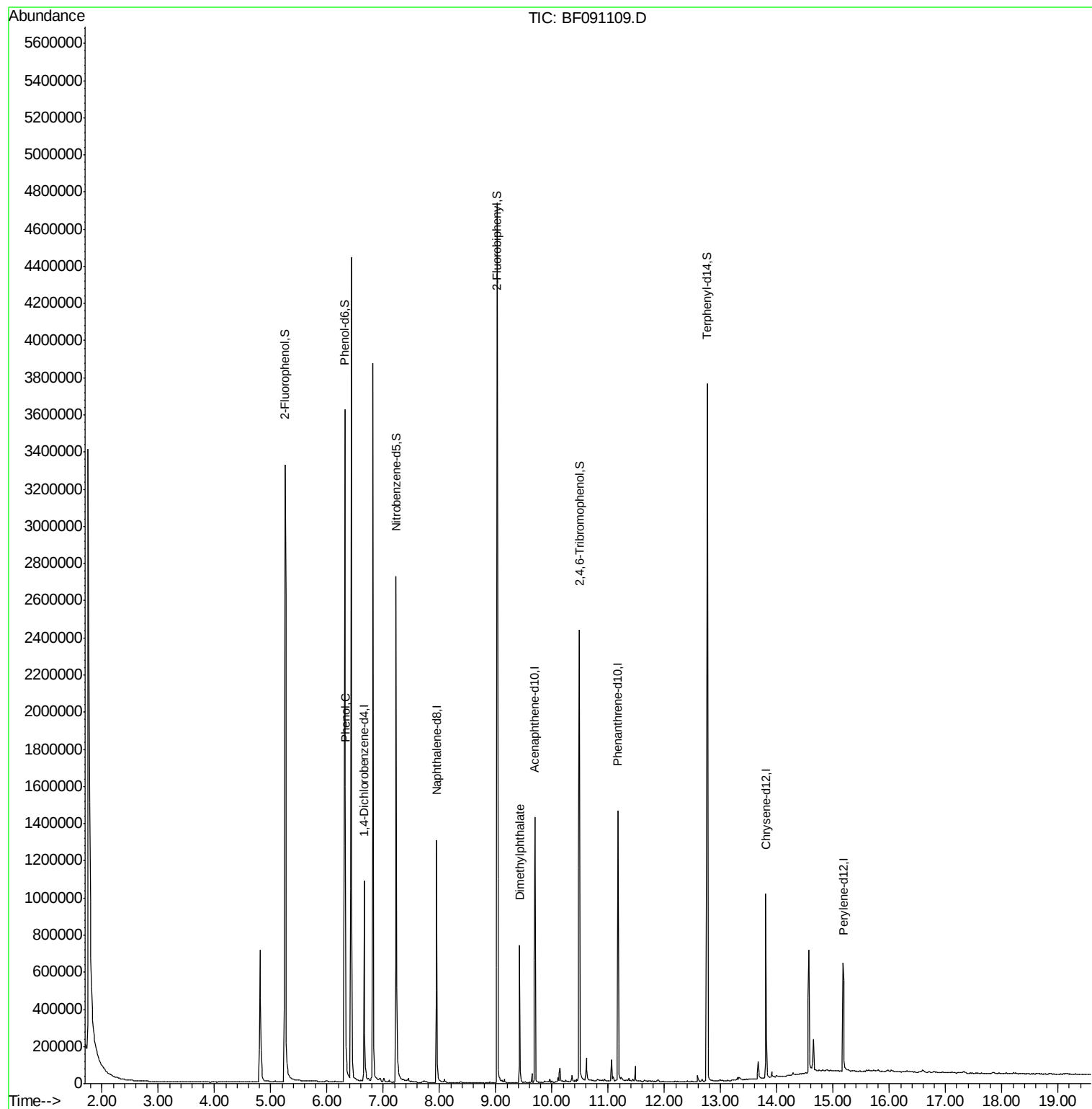
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	167947	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	683792	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	342760	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	486162	20.00	ng	0.00
75) Chrysene-d12	13.80	240	317264	20.00	ng	-0.01
86) Perylene-d12	15.19	264	288741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1373816	135.10	ng	0.01
7) Phenol-d6	6.32	99	1687188	122.24	ng	0.00
23) Nitrobenzene-d5	7.23	82	1064423	84.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	330414	106.63	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1505417	75.61	ng	-0.01
78) Terphenyl-d14	12.76	244	1150820	90.52	ng	0.00
Target Compounds						
10) Phenol	6.33	94	91921	6.02	ng	Qvalue # 77
49) Dimethylphthalate	9.42	163	278534	12.39	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL

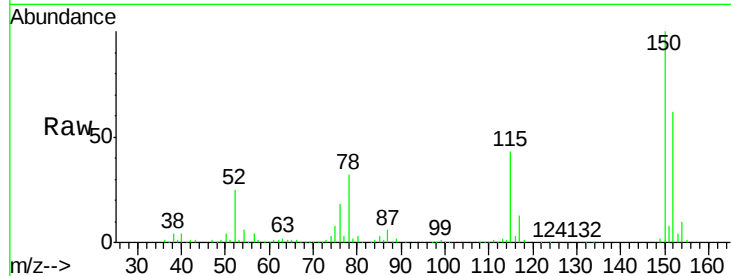
Tot Ion:152 Resp: 167947

Ion Ratio Lower Upper

152 100

150 162.1 126.8 190.2

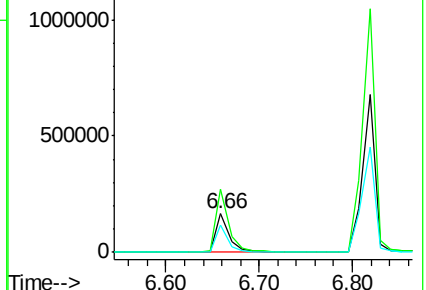
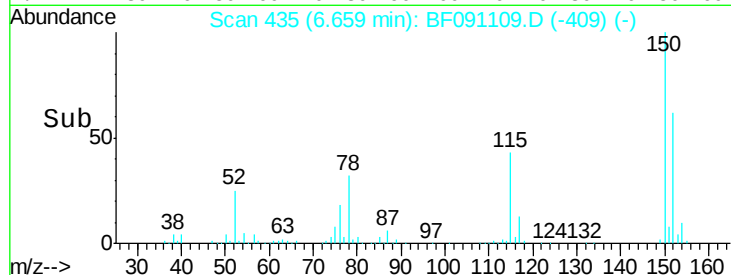
115 70.1 53.3 79.9



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: 135.10 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

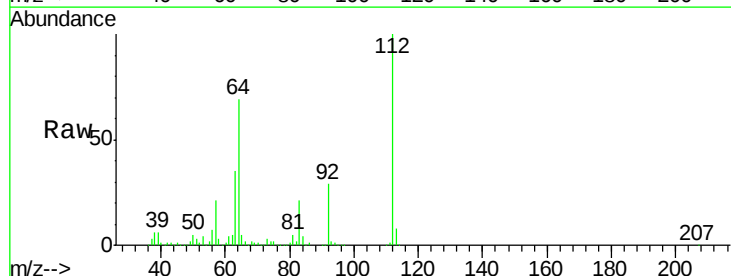
Tgt Ion:112 Resp: 1373816

Ion Ratio Lower Upper

112 100

64 68.8 55.8 83.6

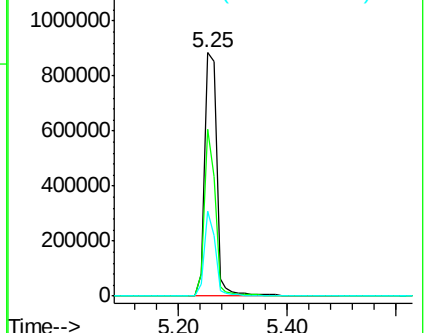
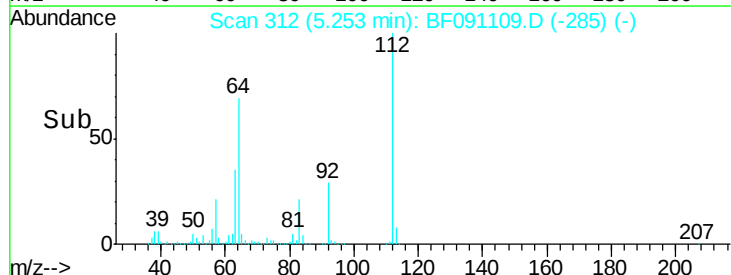
63 35.1 28.0 42.0



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: 122.24 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL

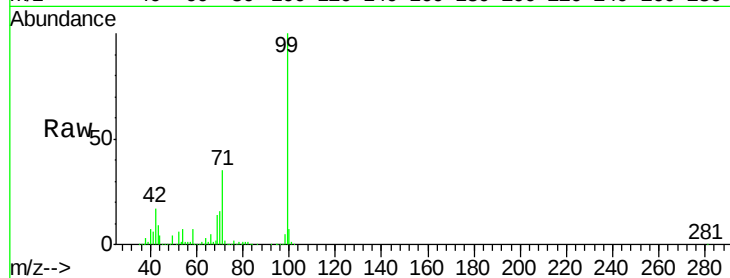
Tot Ion: 99 Resp: 1687188

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

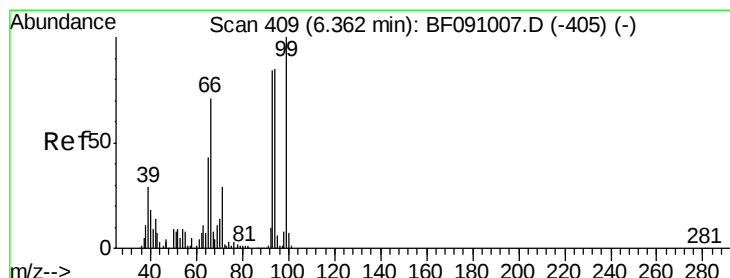
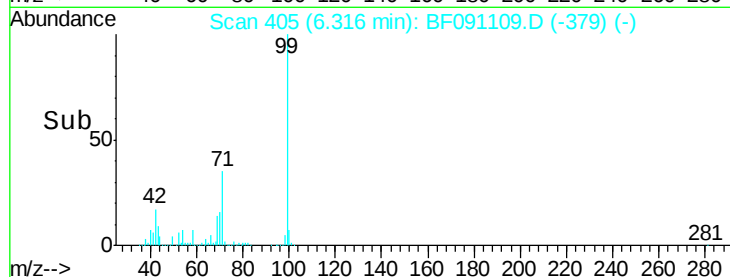
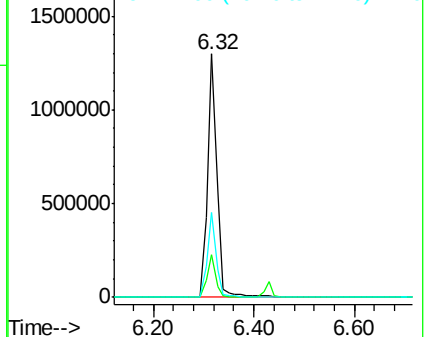
71 34.9 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 6.02 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

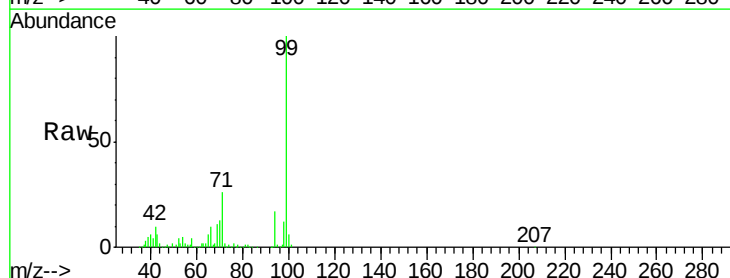
Tgt Ion: 94 Resp: 91921

Ion Ratio Lower Upper

94 100

65 36.2 30.4 70.4

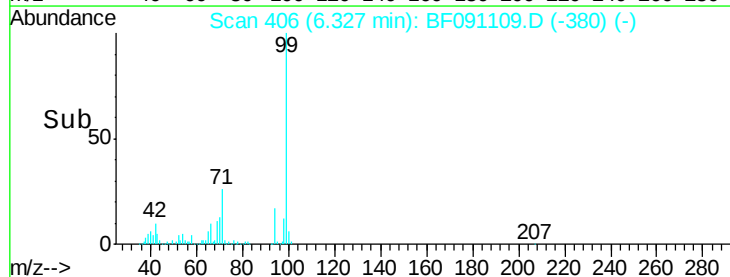
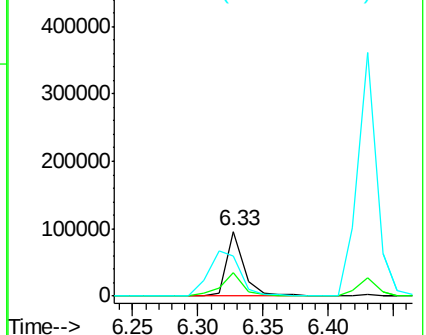
66 61.4 62.9 102.9#

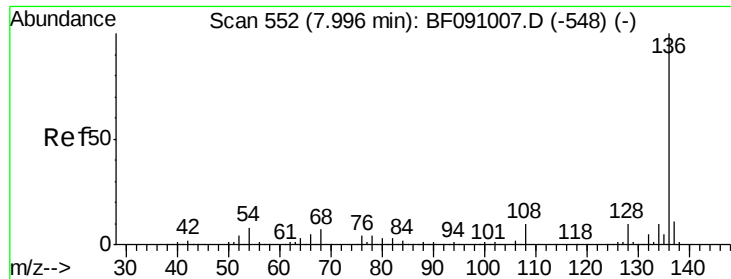


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

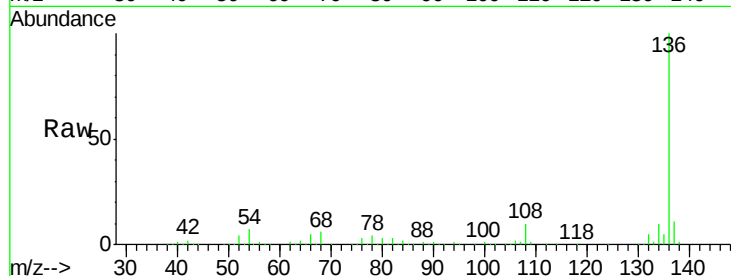




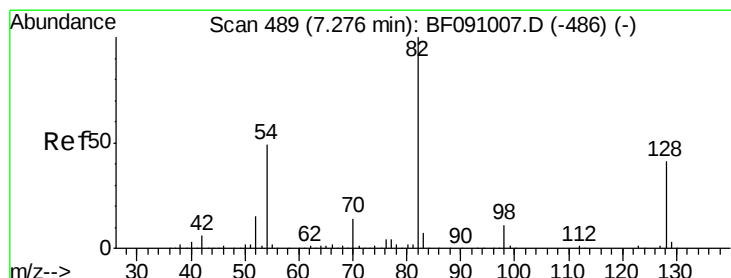
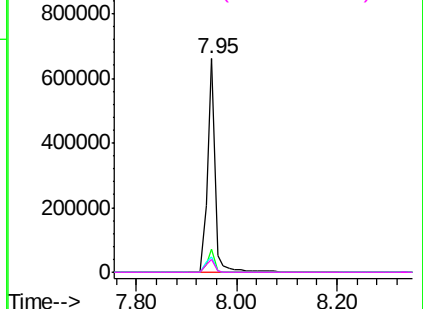
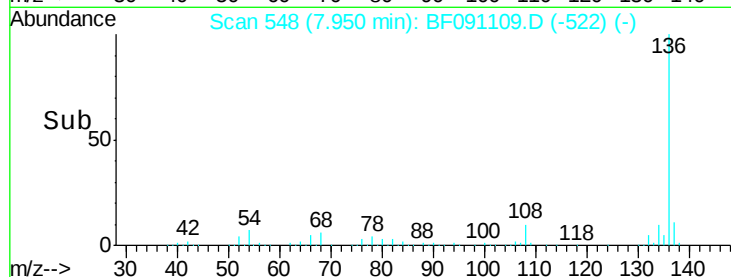
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091109.D
Acq: 9 Nov 2016 4:38

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL

Tot Ion:136	Resp:	683792
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.1	6.2 9.2
68	6.3	5.5 8.3

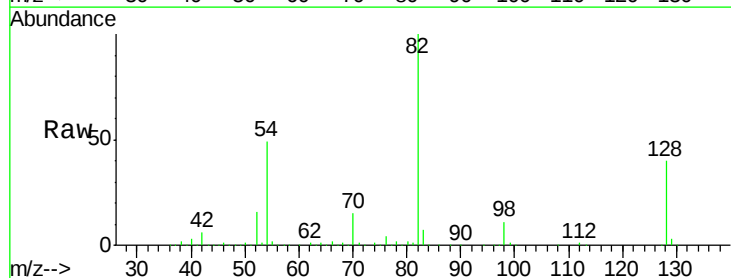


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

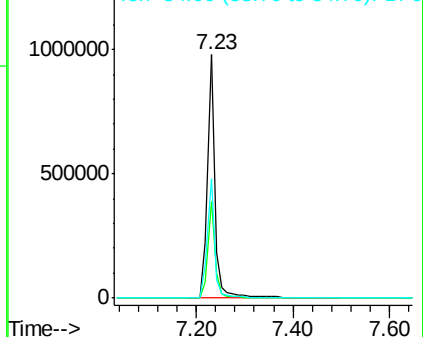
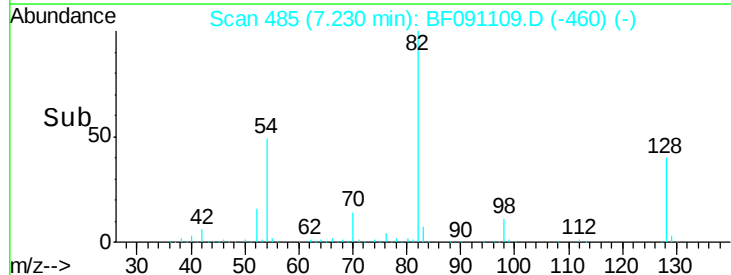


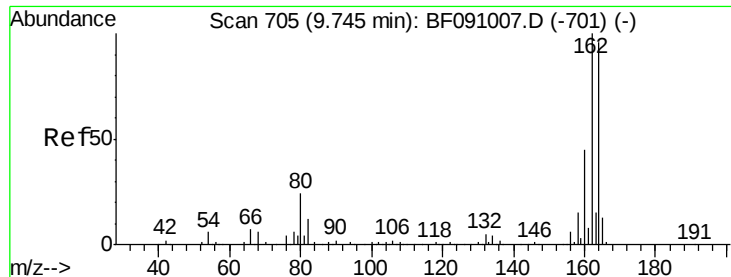
#23
Nitrobenzene-d5
Concen: 84.92 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091109.D
Acq: 9 Nov 2016 4:38

Tgt Ion: 82	Resp:	1064423
Ion Ratio	Lower	Upper
82	100	
128	39.5	32.4 48.6
54	49.1	39.2 58.8



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: 9.70 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL

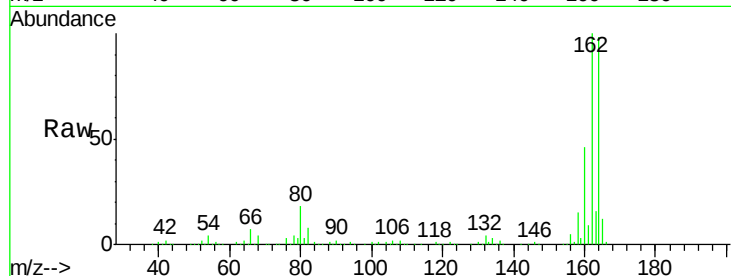
Tot Ion:164 Resp: 342760

Ion Ratio Lower Upper

164 100

162 102.5 83.6 125.4

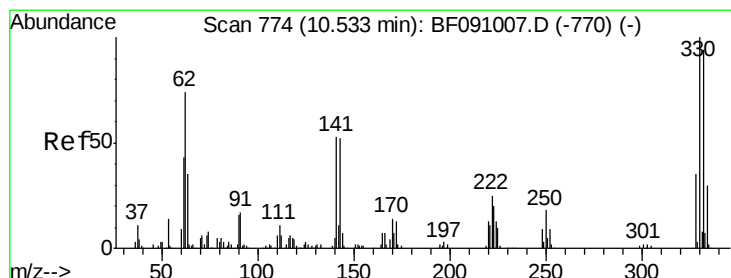
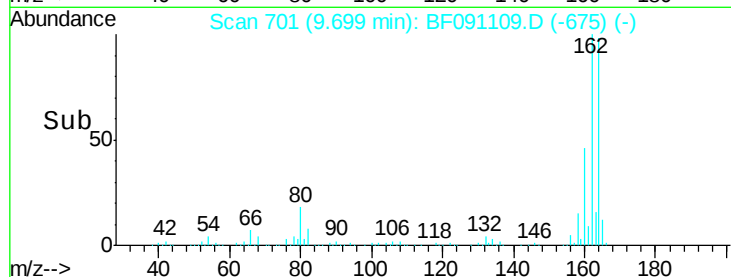
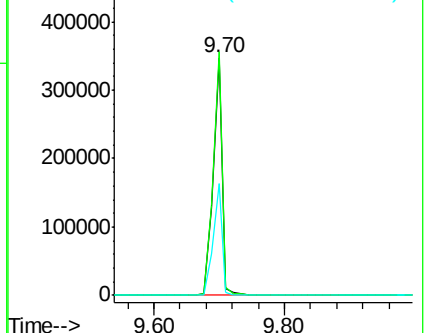
160 47.0 37.9 56.9



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: 106.63 ng

RT: 10.49 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

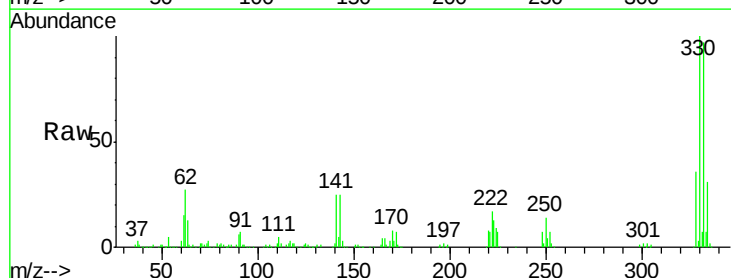
Tgt Ion:330 Resp: 330414

Ion Ratio Lower Upper

330 100

332 96.5 75.9 113.9

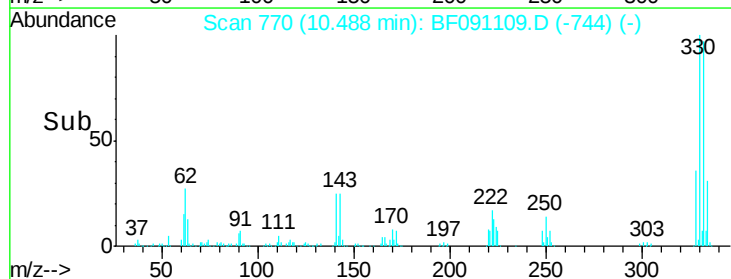
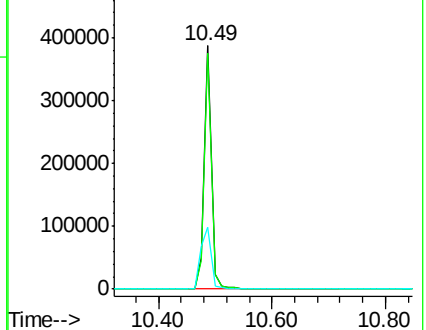
141 37.7 36.1 54.1

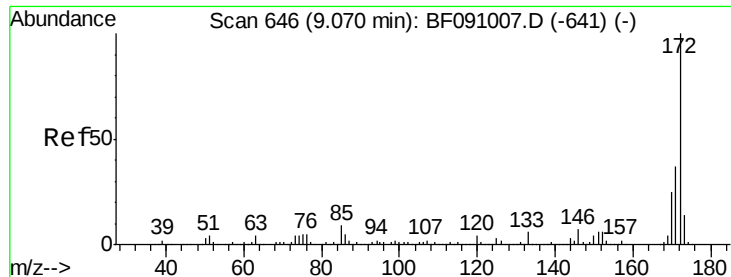


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

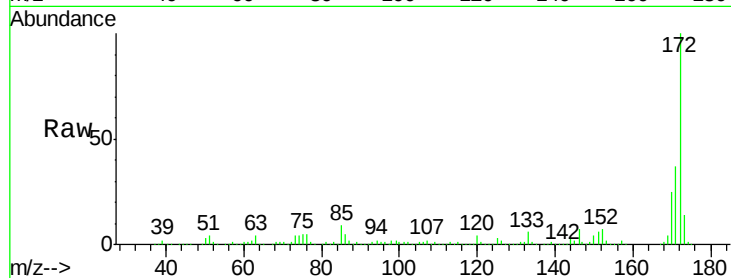




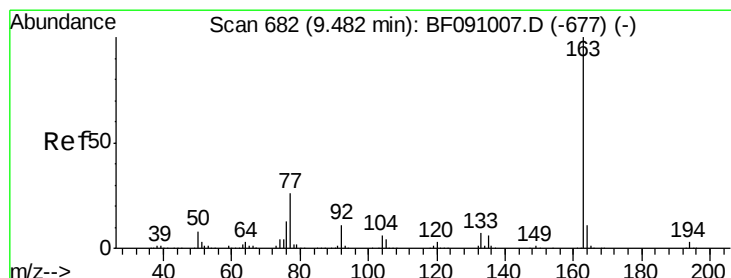
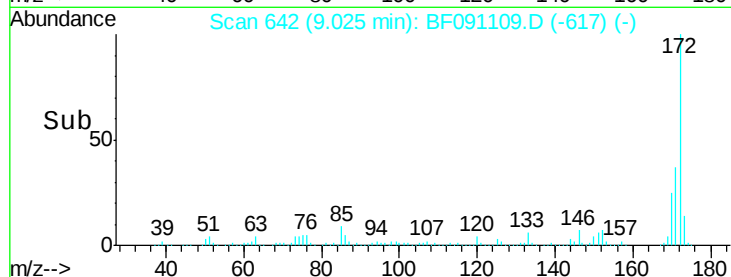
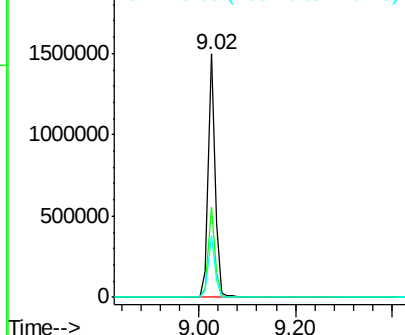
#44
2-Fluorobiphenyl
Concen: 75.61 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091109.D
Acq: 9 Nov 2016 4:38

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL

Tot Ion:172 Resp: 1505417
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 25.5 20.3 30.5

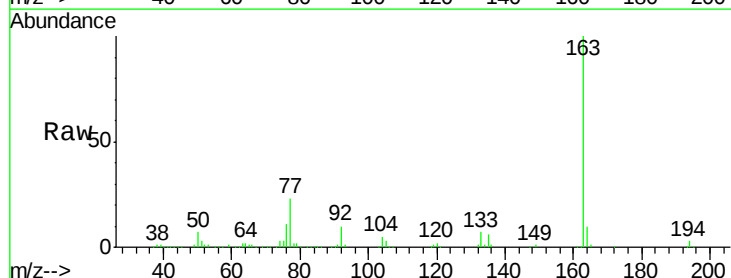


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

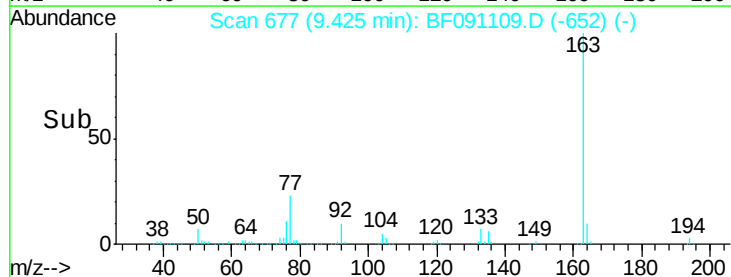
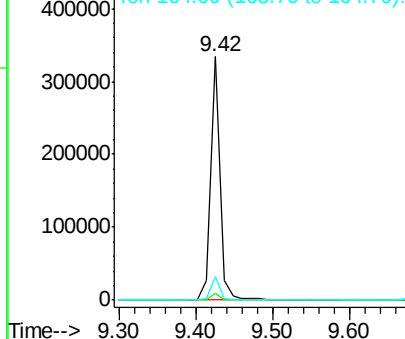


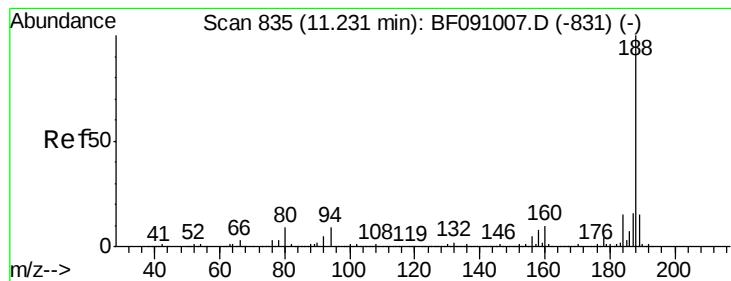
#49
Dimethylphthalate
Concen: 12.39 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091109.D
Acq: 9 Nov 2016 4:38

Tgt Ion:163 Resp: 278534
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.8 8.7 13.1



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: 11.17 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL

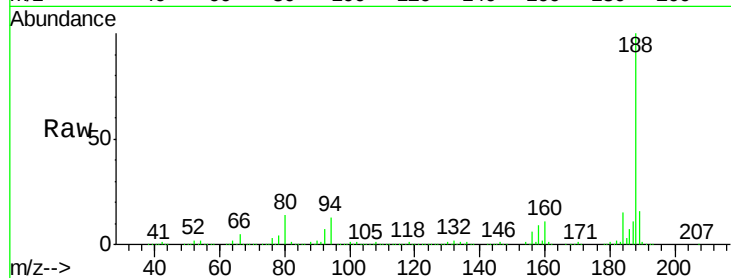
Tot Ion:188 Resp: 486162

Ion Ratio Lower Upper

188 100

94 12.6 7.0 10.4#

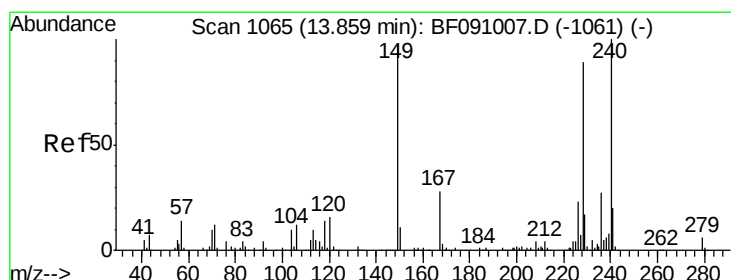
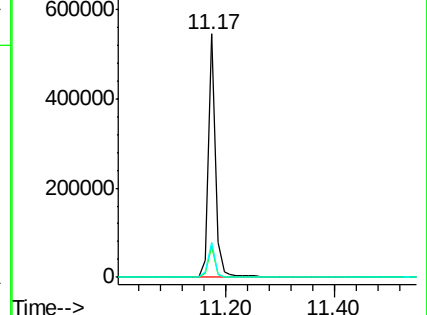
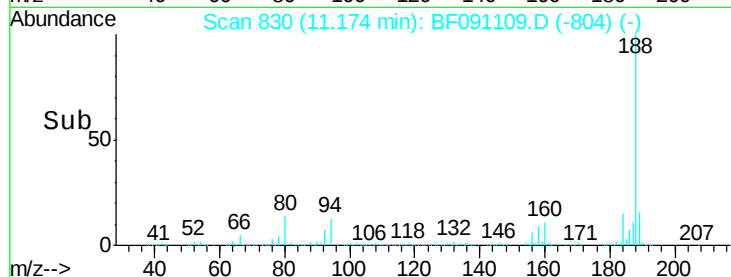
80 14.1 7.5 11.3#



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: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091109.D

Acq: 9 Nov 2016 4:38

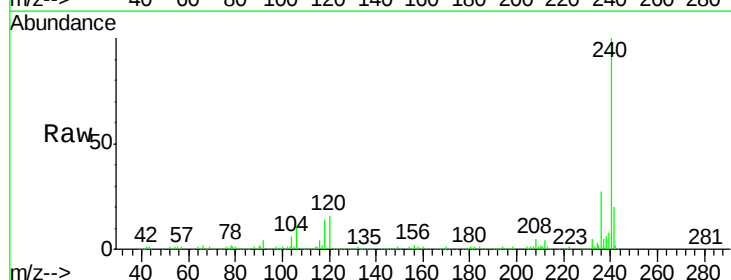
Tgt Ion:240 Resp: 317264

Ion Ratio Lower Upper

240 100

120 15.8 12.9 19.3

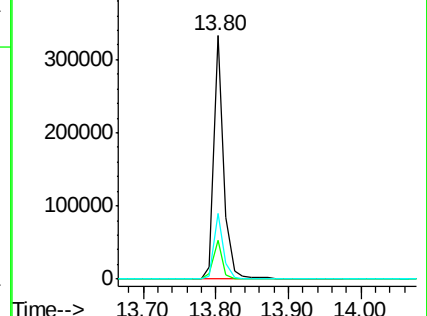
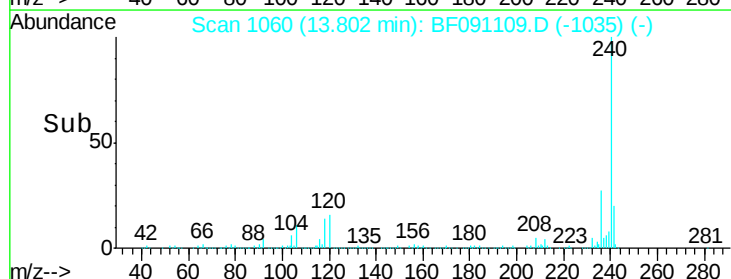
236 26.8 21.9 32.9

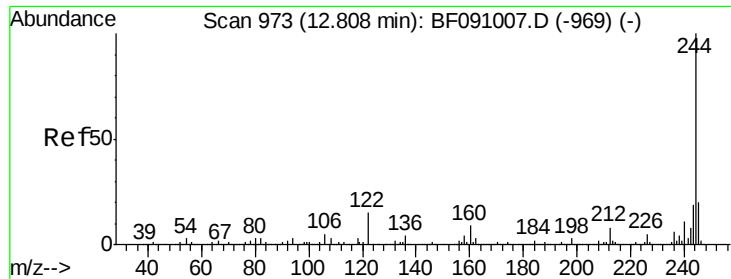


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

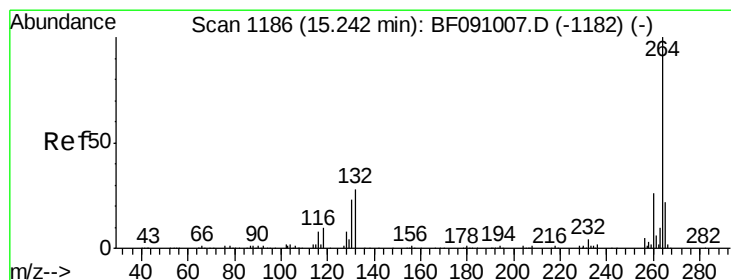
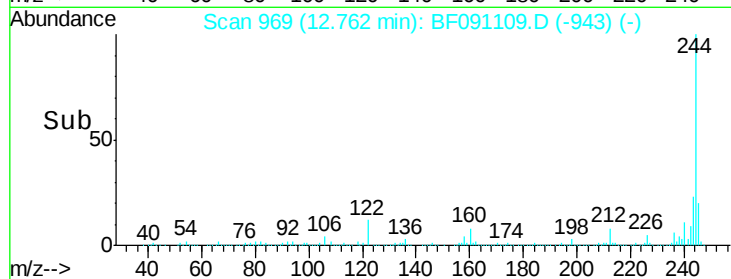
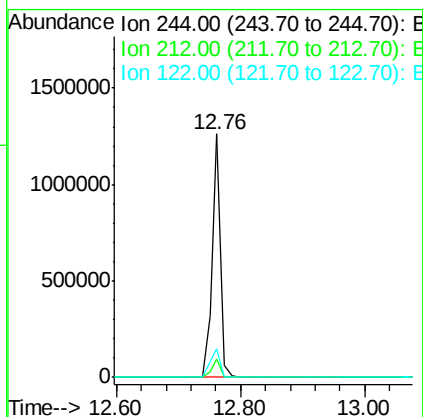
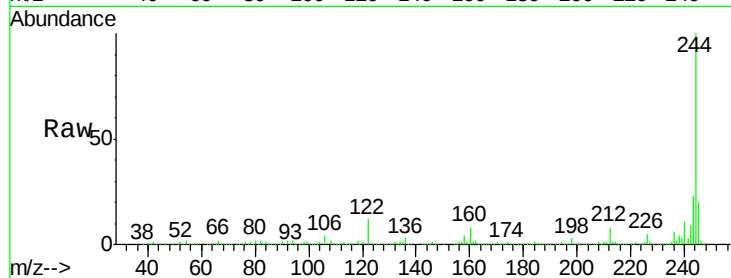




#78
 Terphenyl-d14
 Concen: 90.52 ng
 RT: 12.76 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF091109.D
 Acq: 9 Nov 2016 4:38

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL

Tot Ion:244 Resp: 1150820
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 11.7 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF091109.D
 Acq: 9 Nov 2016 4:38

Tgt Ion:264 Resp: 288741
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 30.8
 265 21.8 17.8 26.8

