

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091021.D
 Acq On : 4 Nov 2016 13:56
 Operator : UM/SJ
 Sample : H5526-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-100-11.5-12.0

Quant Time: Nov 04 15:08:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

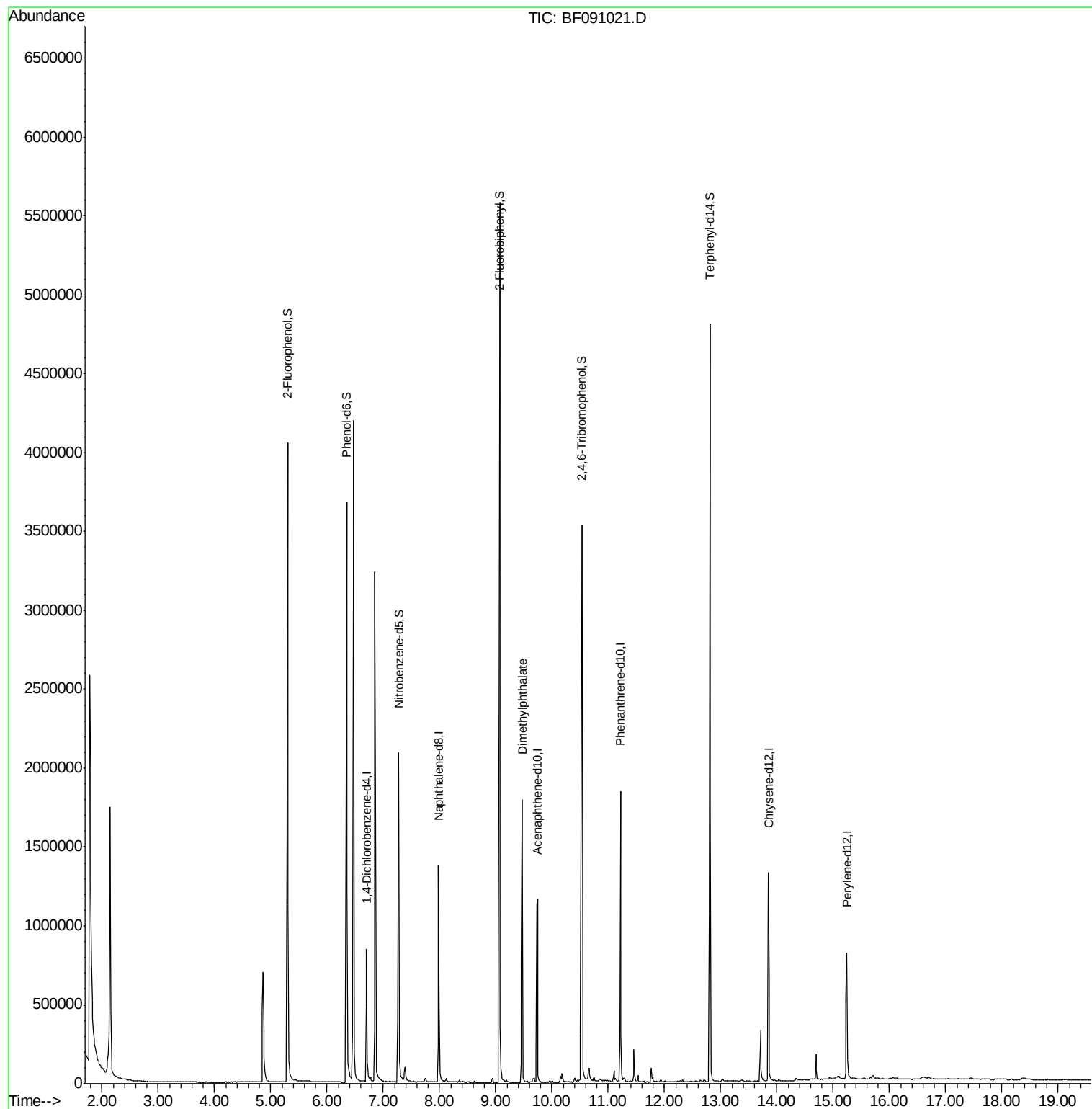
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	173138	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	732461	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	397564	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	651523	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	502299	20.00	ng	-0.01
86) Perylene-d12	15.24	264	363404	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1418452	135.31	ng	0.01
7) Phenol-d6	6.35	99	1777829	124.94	ng	0.00
23) Nitrobenzene-d5	7.28	82	1226559	91.35	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	527001	146.62	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2029133	87.87	ng	0.00
78) Terphenyl-d14	12.81	244	1825255	90.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	866105	33.22	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: 6.70 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

Instrument :

BNA_F

ClientSampleId :

SB-100-11.5-12.0

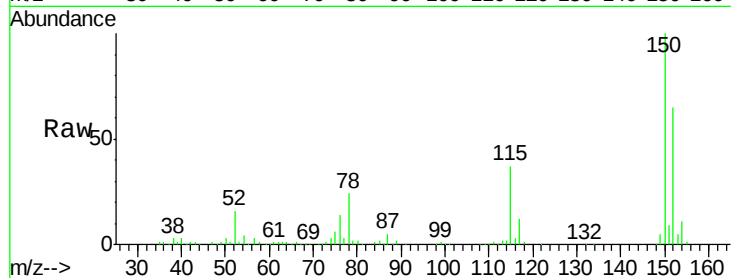
Tgt Ion:152 Resp: 173138

Ion Ratio Lower Upper

152 100

150 152.8 126.8 190.2

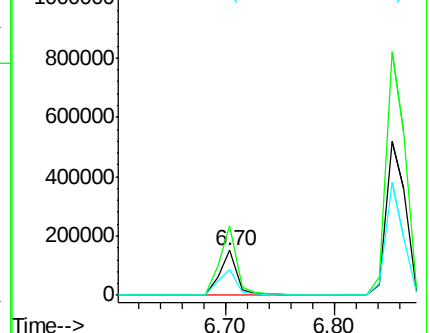
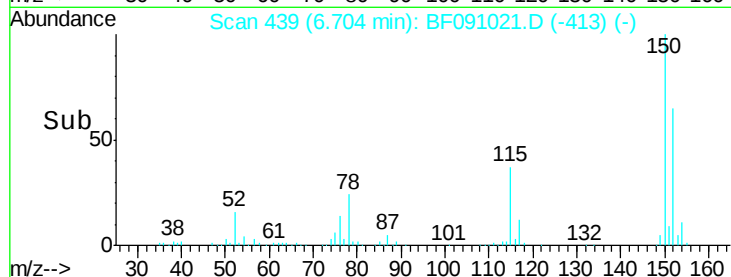
115 57.0 53.3 79.9



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: 135.31 ng

RT: 5.30 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

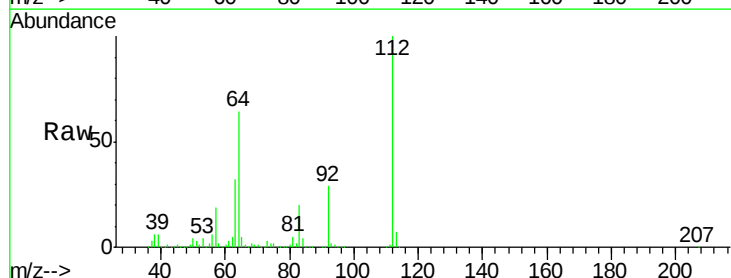
Tgt Ion:112 Resp: 1418452

Ion Ratio Lower Upper

112 100

64 63.9 55.8 83.6

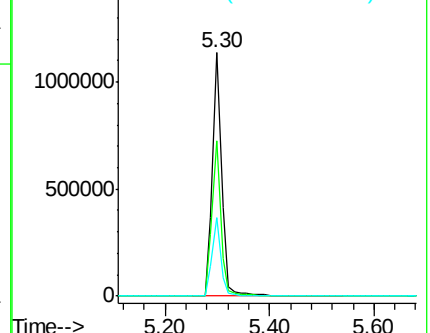
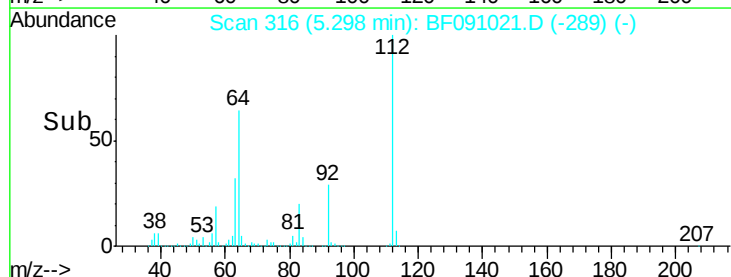
63 32.2 28.0 42.0

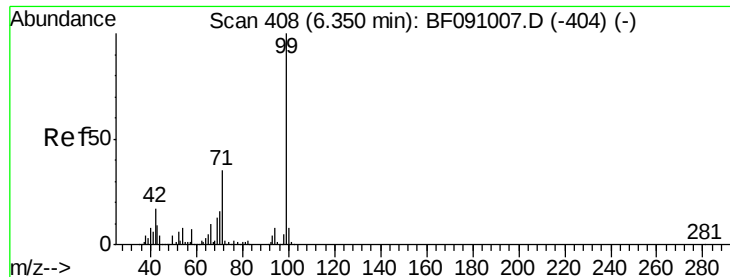


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.94 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

Instrument :

BNA_F

ClientSampleId :

SB-100-11.5-12.0

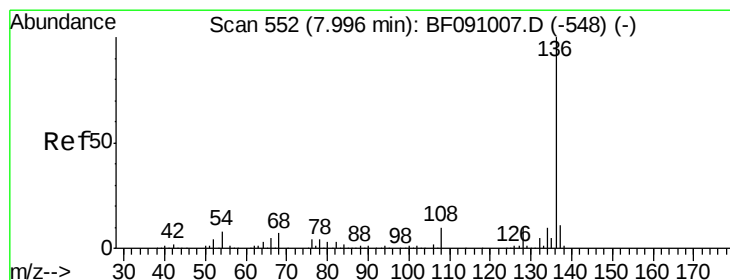
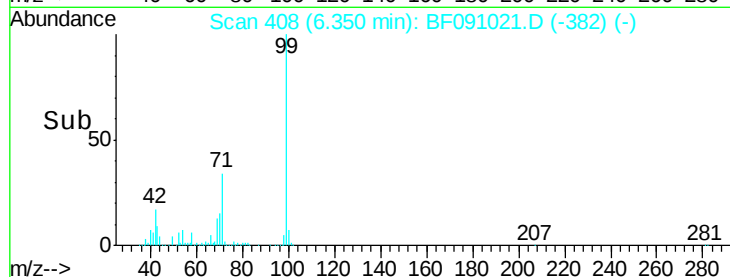
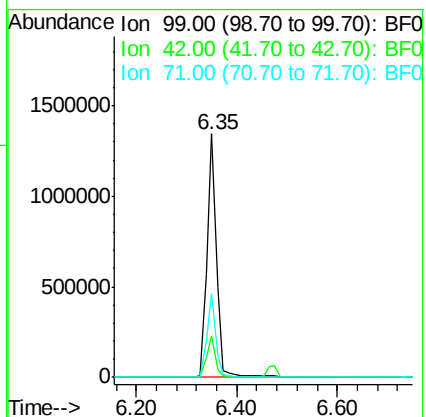
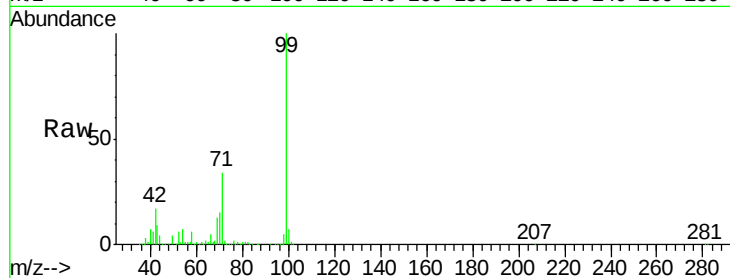
Tgt Ion: 99 Resp: 1777829

Ion Ratio Lower Upper

99 100

42 16.8 13.9 20.9

71 34.4 27.8 41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

Tgt Ion: 136 Resp: 732461

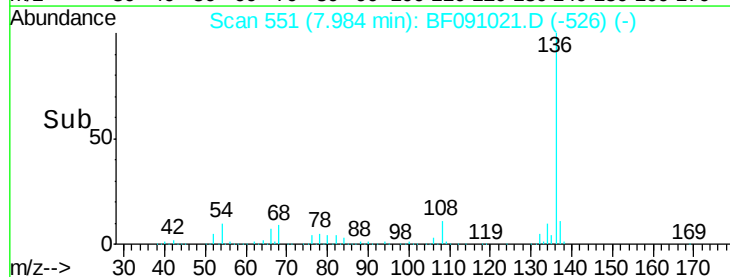
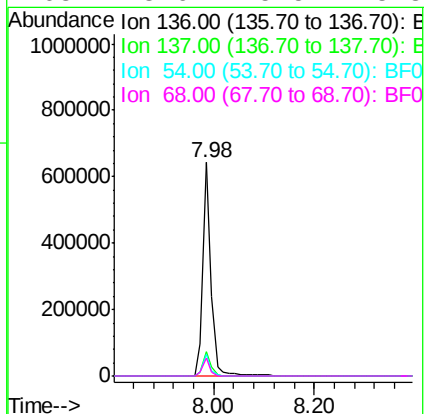
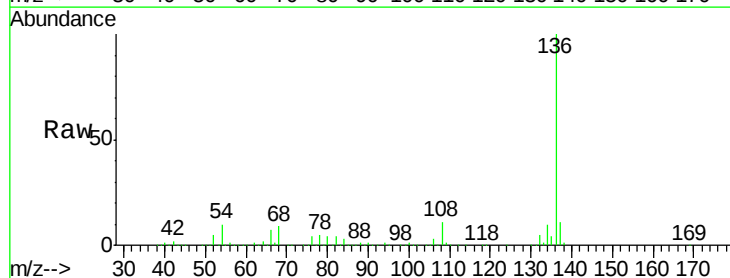
Ion Ratio Lower Upper

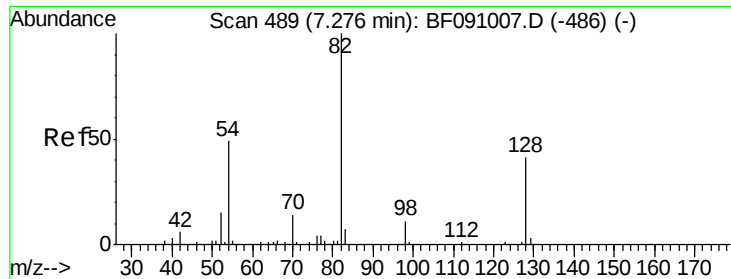
136 100

137 11.2 8.9 13.3

54 10.0 6.2 9.2#

68 8.6 5.5 8.3#

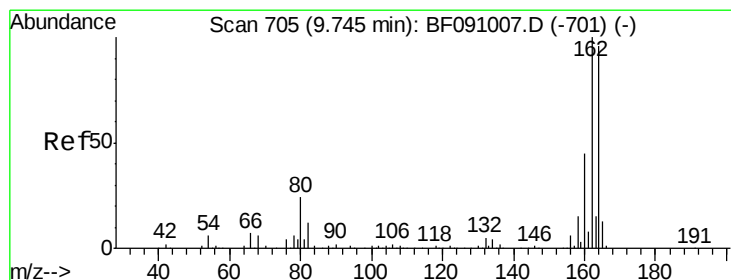
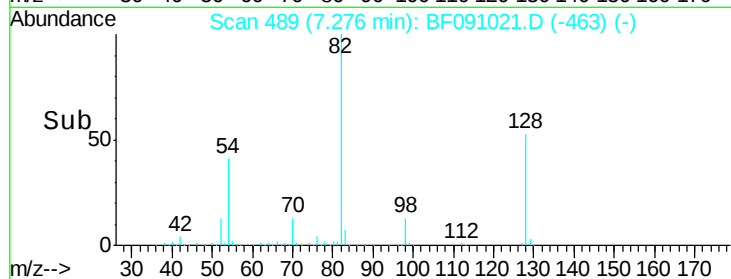
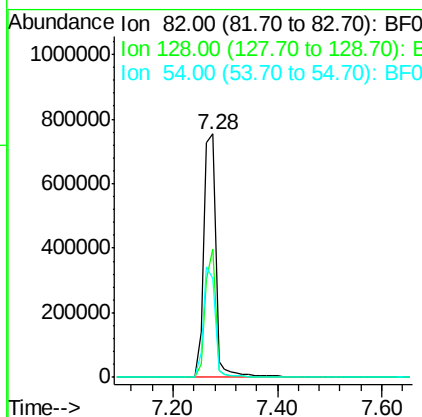
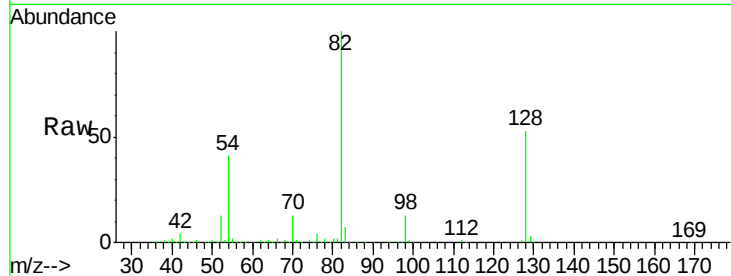




#23
 Nitrobenzene-d5
 Concen: 91.35 ng
 RT: 7.28 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF091021.D
 Acq: 4 Nov 2016 13:56

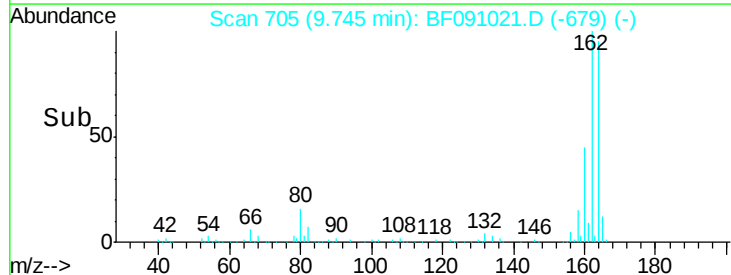
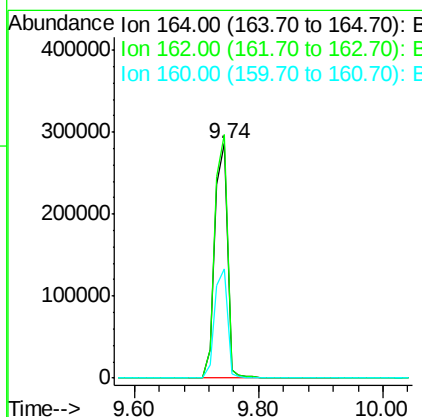
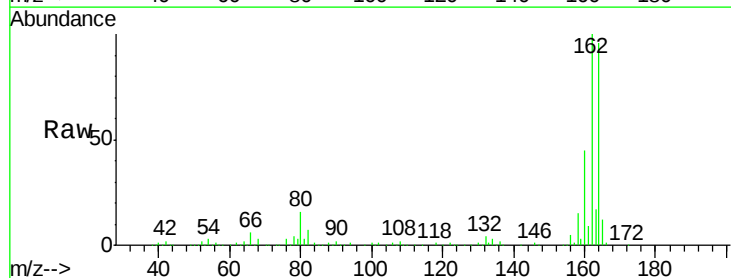
Instrument :
 BNA_F
 ClientSampleId :
 SB-100-11.5-12.0

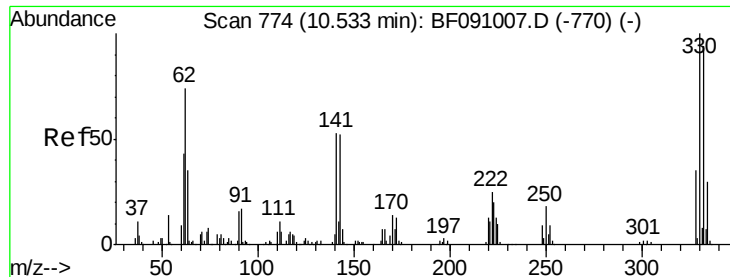
Tgt Ion: 82 Resp: 1226559
 Ion Ratio Lower Upper
 82 100
 128 52.8 32.4 48.6#
 54 40.8 39.2 58.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF091021.D
 Acq: 4 Nov 2016 13:56

Tgt Ion: 164 Resp: 397564
 Ion Ratio Lower Upper
 164 100
 162 104.0 83.6 125.4
 160 46.6 37.9 56.9

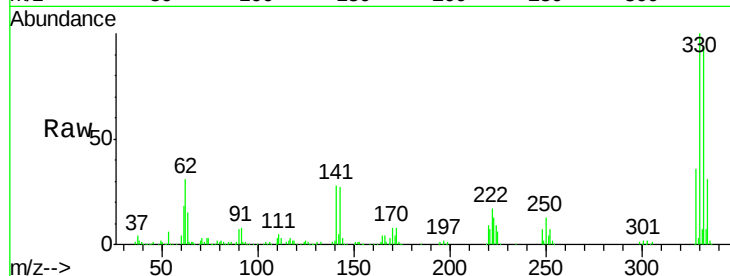




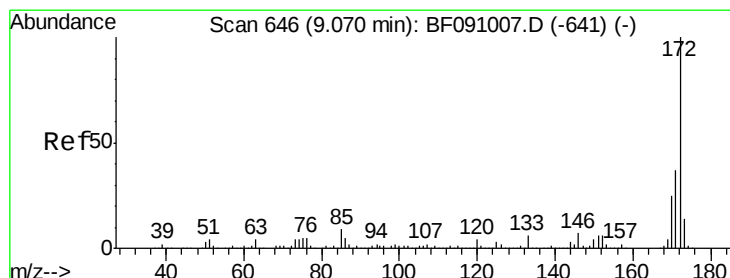
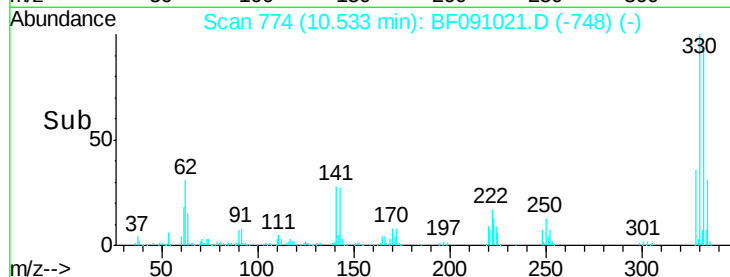
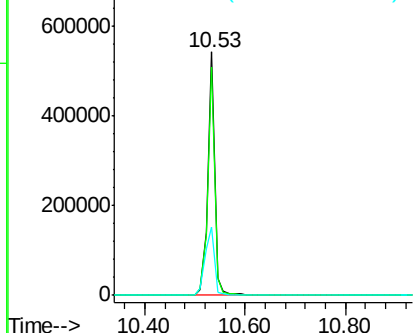
#41
 2,4,6-Tribromophenol
 Concen: 146.62 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091021.D
 Acq: 4 Nov 2016 13:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-100-11.5-12.0

Tgt Ion:330 Resp: 527001
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.9 113.9
 141 38.3 36.1 54.1

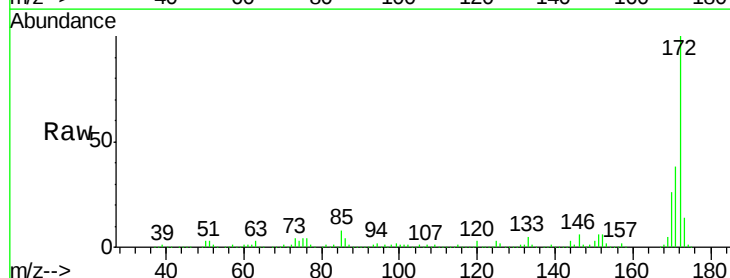


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

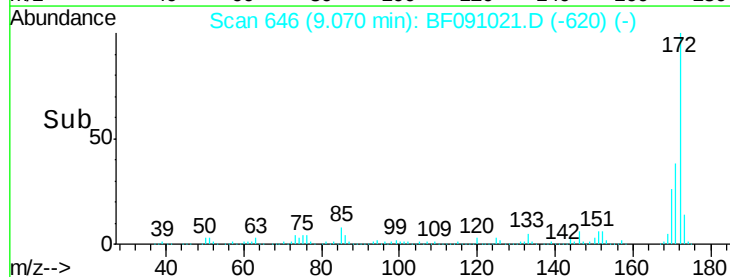
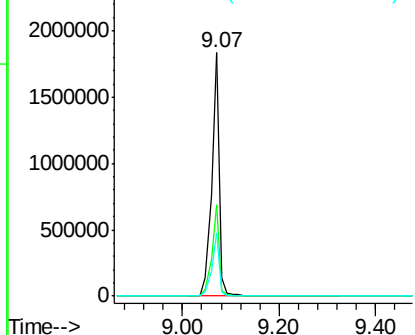


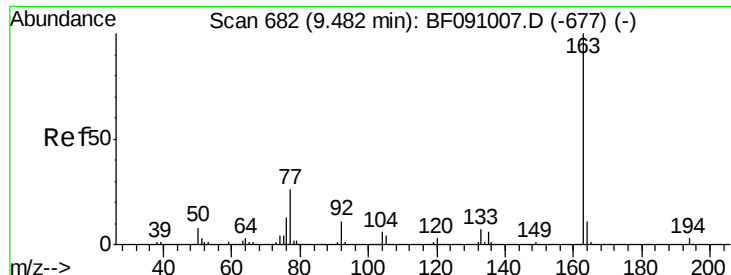
#44
 2-Fluorobiphenyl
 Concen: 87.87 ng
 RT: 9.07 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF091021.D
 Acq: 4 Nov 2016 13:56

Tgt Ion:172 Resp: 2029133
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.8 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

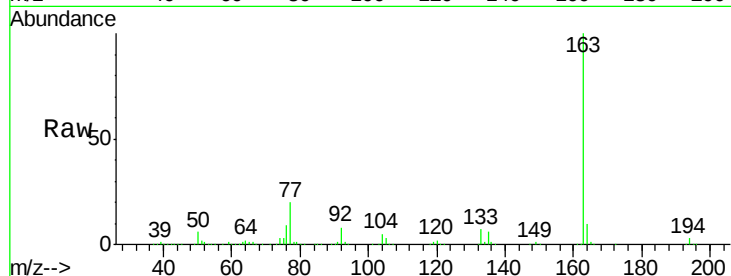




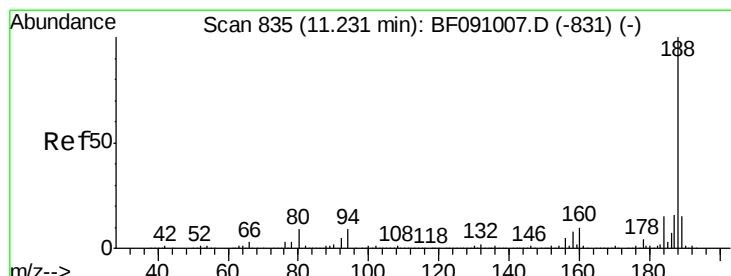
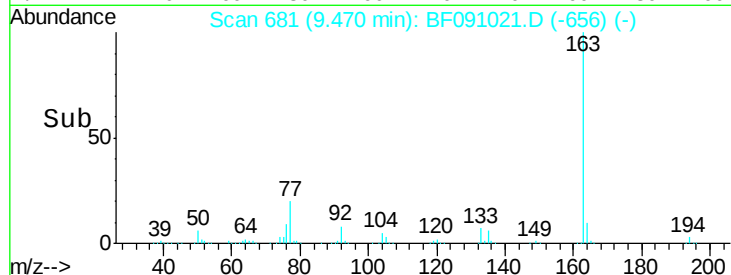
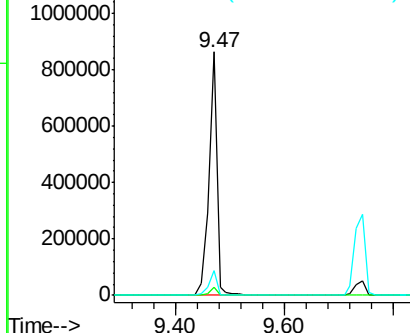
#49
Dimethylphthalate
Concen: 33.22 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091021.D
Acq: 4 Nov 2016 13:56

Instrument :
BNA_F
ClientSampleId :
SB-100-11.5-12.0

Tgt Ion:163 Resp: 866105
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.7 13.1

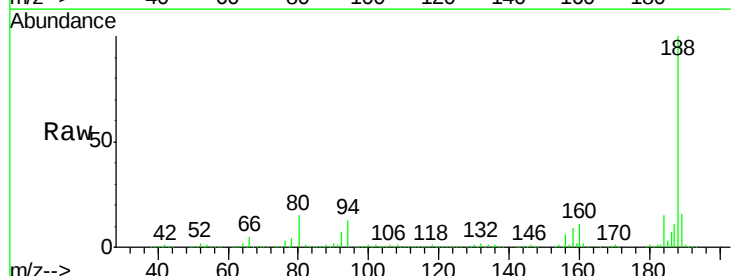


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

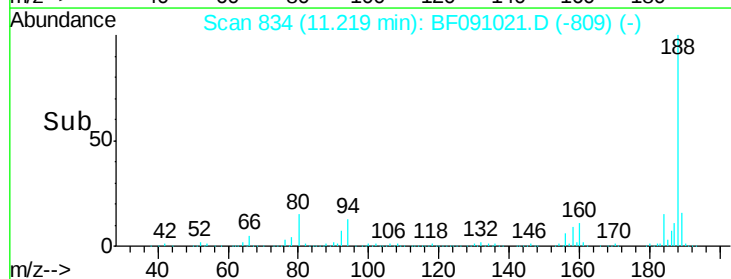
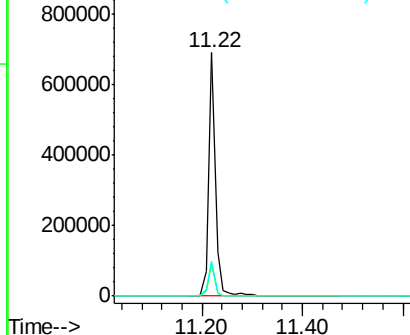


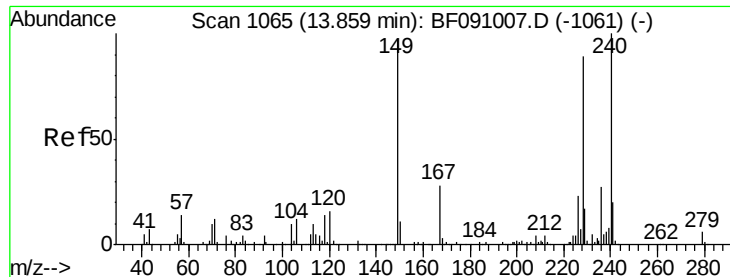
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF091021.D
Acq: 4 Nov 2016 13:56

Tgt Ion:188 Resp: 651523
Ion Ratio Lower Upper
188 100
94 13.1 7.0 10.4#
80 14.5 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: 13.85 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

Instrument :

BNA_F

ClientSampleId :

SB-100-11.5-12.0

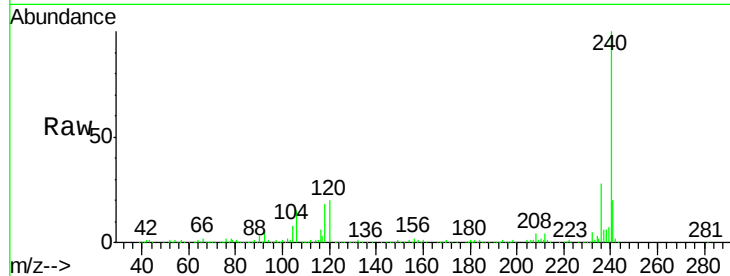
Tgt Ion:240 Resp: 502299

Ion Ratio Lower Upper

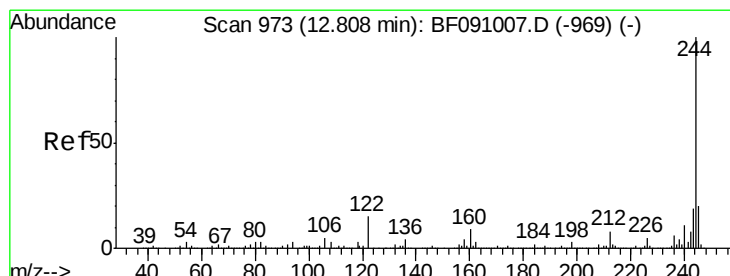
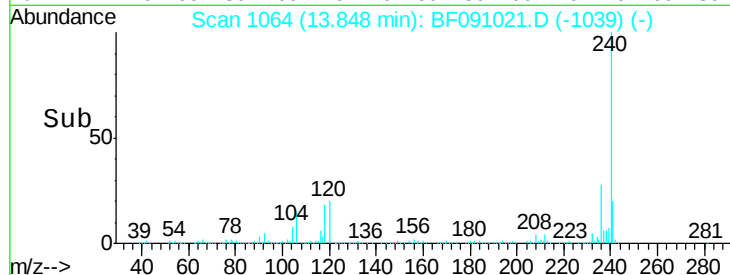
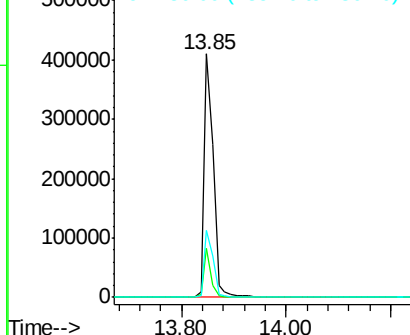
240 100

120 20.1 12.9 19.3#

236 27.6 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: 90.68 ng

RT: 12.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF091021.D

Acq: 4 Nov 2016 13:56

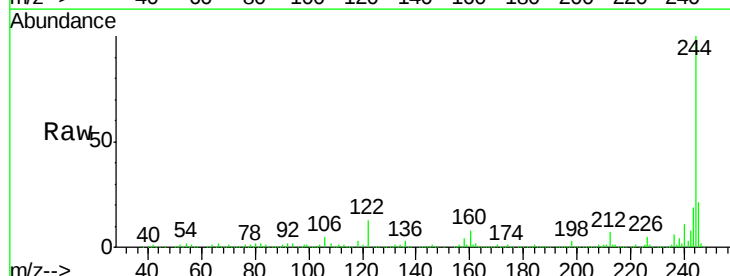
Tgt Ion:244 Resp: 1825255

Ion Ratio Lower Upper

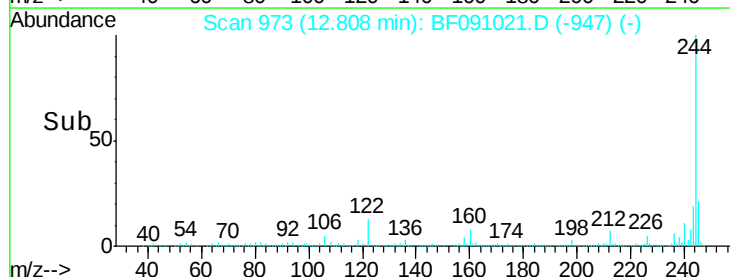
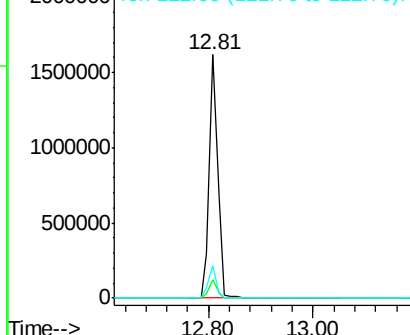
244 100

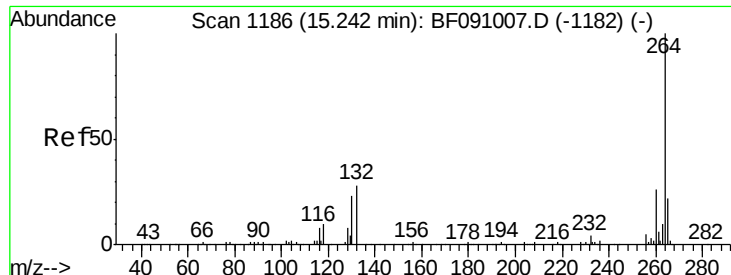
212 7.4 6.4 9.6

122 13.1 12.3 18.5



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

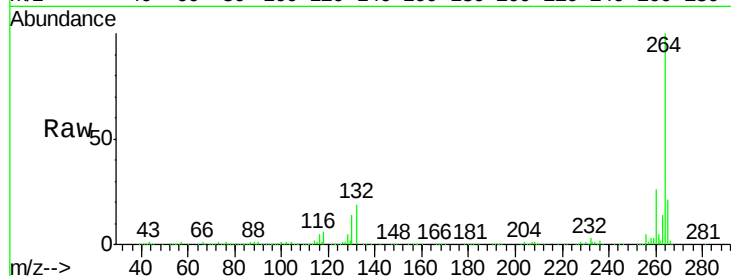




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF091021.D
Acq: 4 Nov 2016 13:56

Instrument :
BNA_F
ClientSampleId :
SB-100-11.5-12.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.6	30.8
265	21.3	17.8	26.8



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

