

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091023.D
 Acq On : 4 Nov 2016 14:51
 Operator : UM/SJ
 Sample : H5526-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-102-16.5-17.0

Quant Time: Nov 04 15:16:12 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

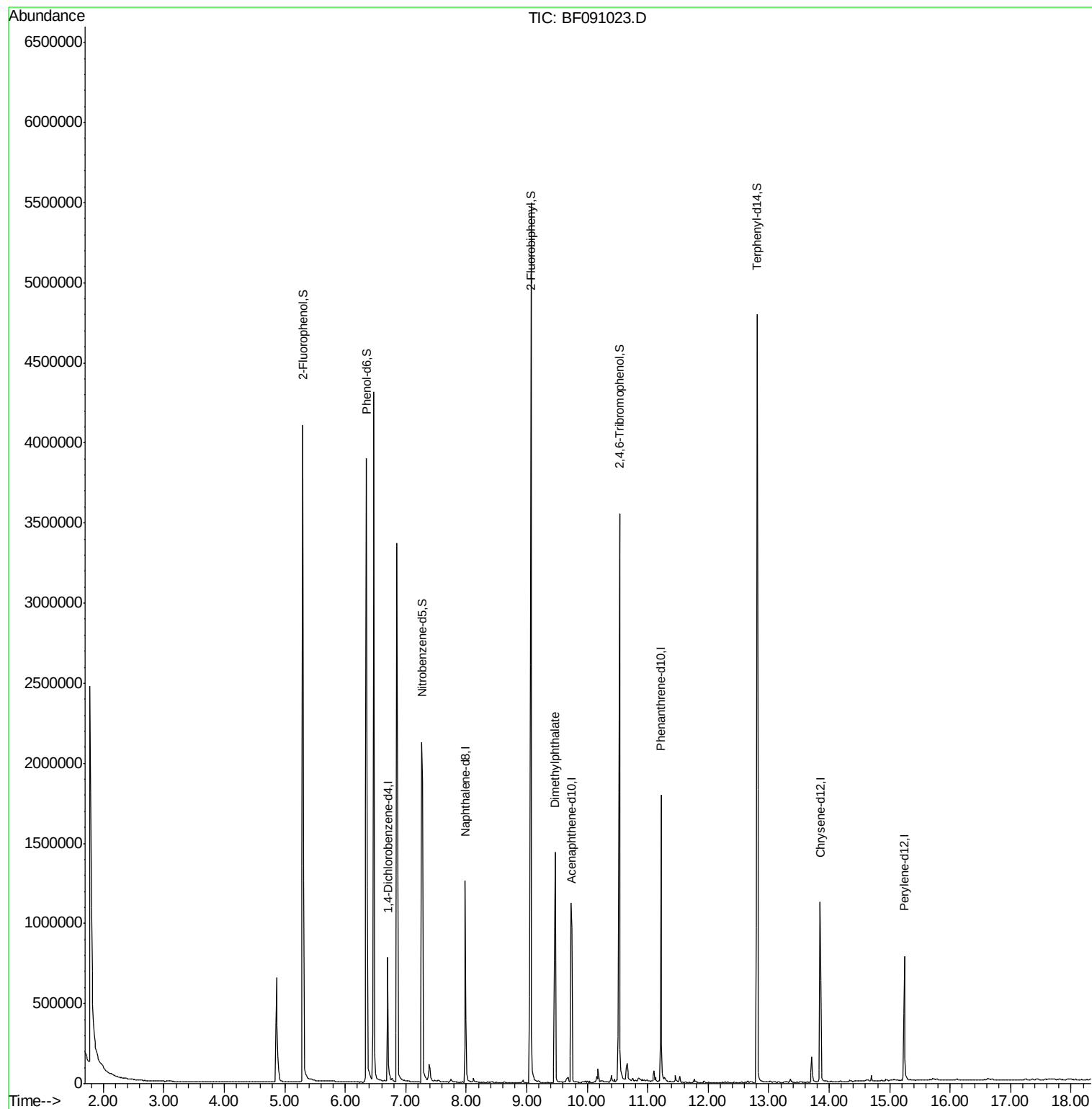
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	163826	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	689726	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	367373	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	641962	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	480811	20.00	ng	-0.01
86) Perylene-d12	15.24	264	354802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1437116	144.88	ng	0.01
7) Phenol-d6	6.35	99	1831266	136.01	ng	0.00
23) Nitrobenzene-d5	7.26	82	1210296	95.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	551812	166.14	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2052813	96.20	ng	0.00
78) Terphenyl-d14	12.81	244	1868316	96.97	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	732615	30.41	ng	Qvalue 98

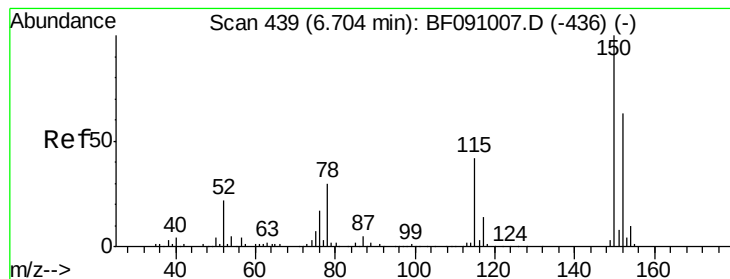
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Instrument :

BNA_F

ClientSampleId :

SB-102-16.5-17.0

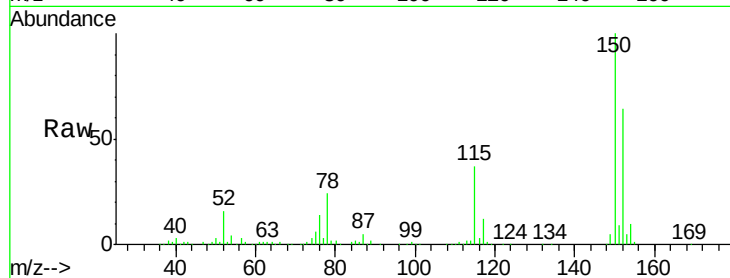
Tgt Ion:152 Resp: 163826

Ion Ratio Lower Upper

152 100

150 156.1 126.8 190.2

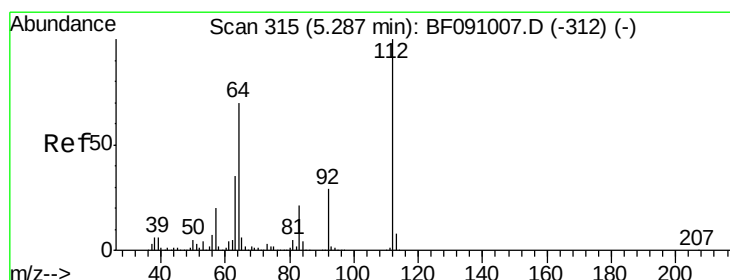
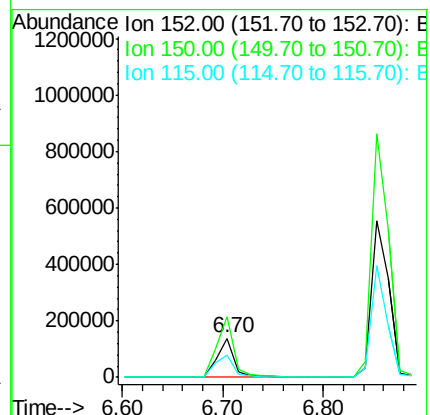
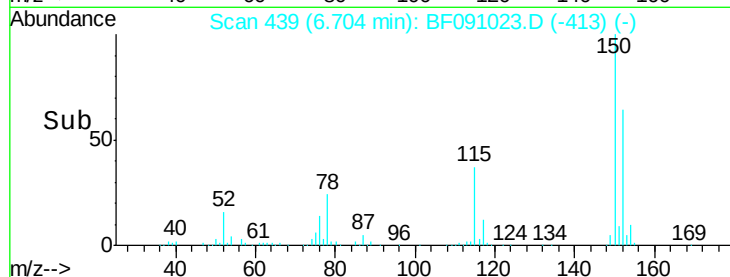
115 58.5 53.3 79.9



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: 144.88 ng

RT: 5.30 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

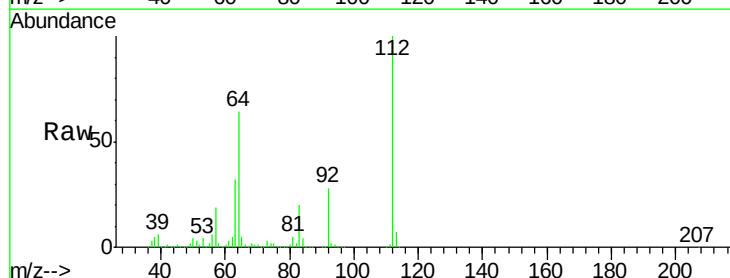
Tgt Ion:112 Resp: 1437116

Ion Ratio Lower Upper

112 100

64 64.3 55.8 83.6

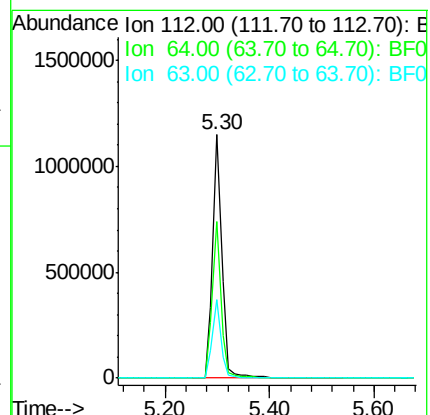
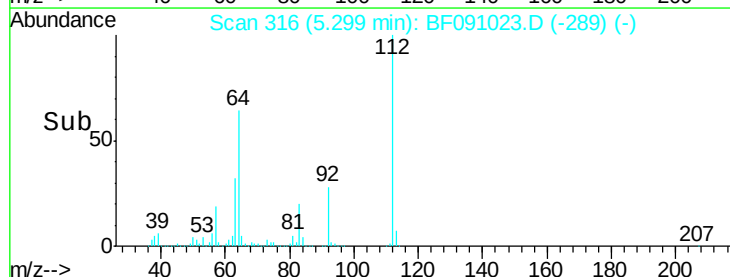
63 32.1 28.0 42.0

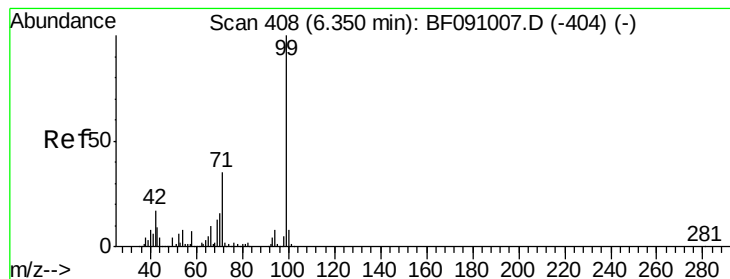


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.01 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Instrument :

BNA_F

ClientSampleId :

SB-102-16.5-17.0

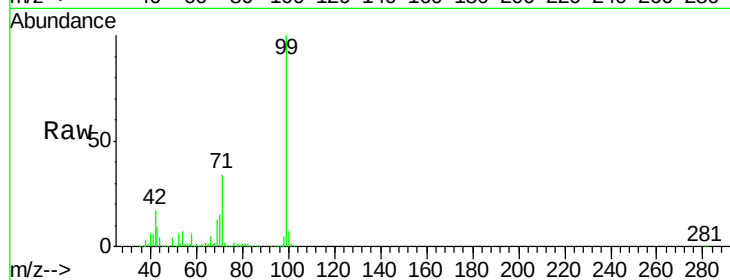
Tgt Ion: 99 Resp: 1831266

Ion Ratio Lower Upper

99 100

42 17.0 13.9 20.9

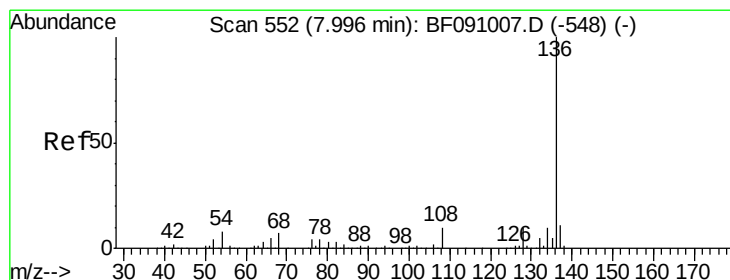
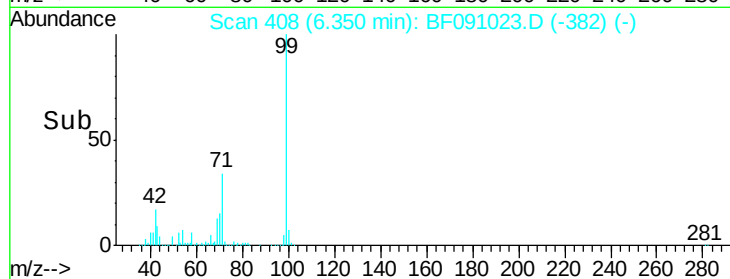
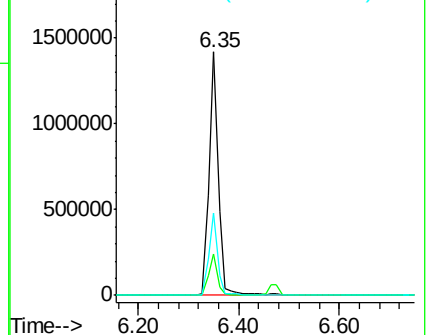
71 34.0 27.8 41.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Tgt Ion: 136 Resp: 689726

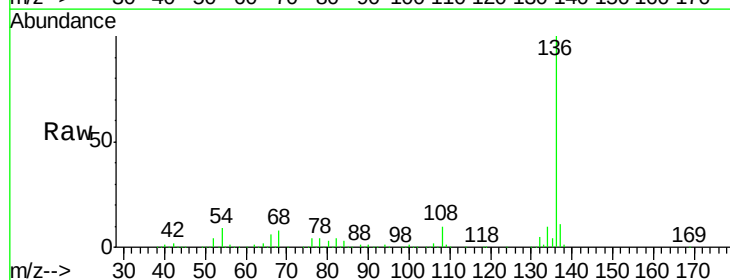
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.8 6.2 9.2

68 7.7 5.5 8.3

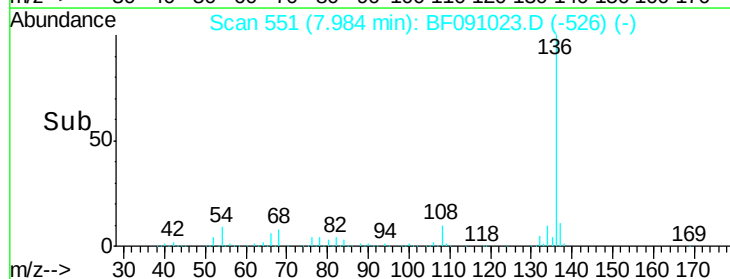
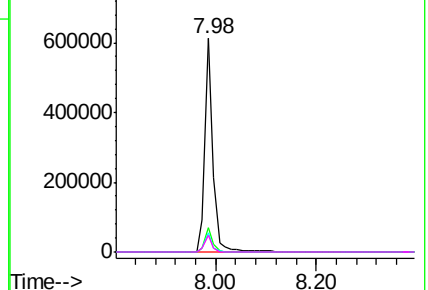


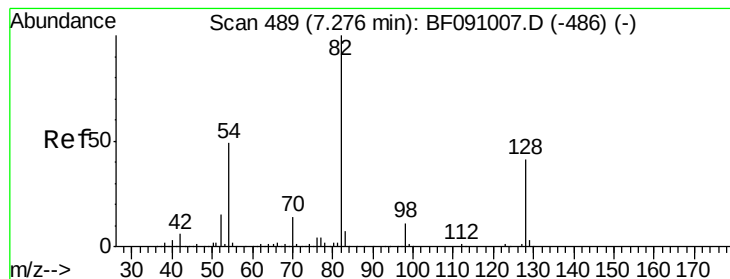
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.72 ng

RT: 7.26 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Instrument :

BNA_F

ClientSampleId :

SB-102-16.5-17.0

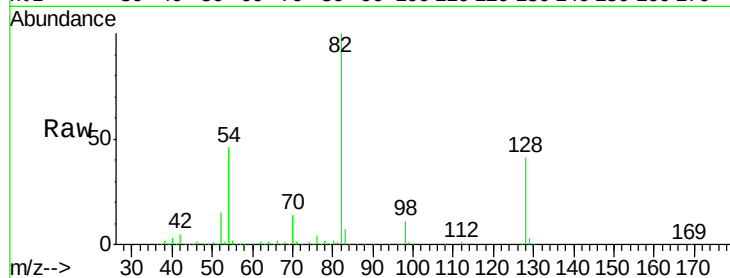
Tgt Ion: 82 Resp: 1210296

Ion Ratio Lower Upper

82 100

128 41.4 32.4 48.6

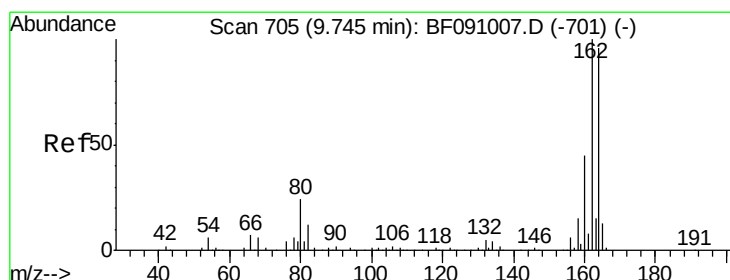
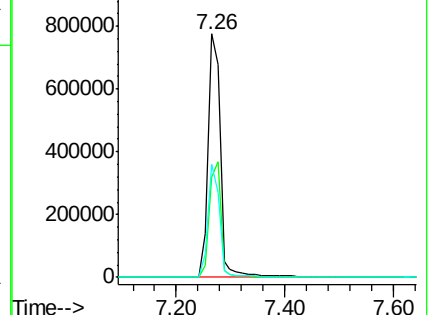
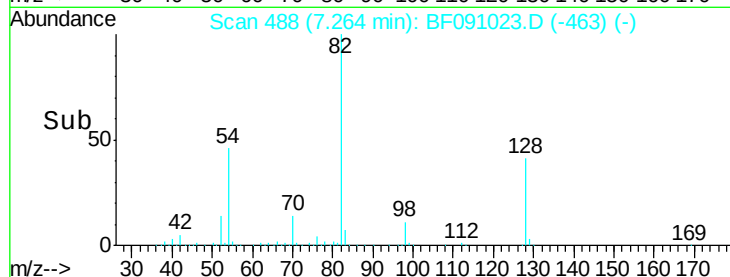
54 46.5 39.2 58.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

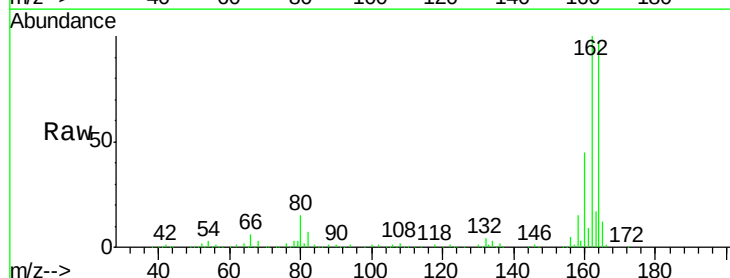
Tgt Ion: 164 Resp: 367373

Ion Ratio Lower Upper

164 100

162 103.1 83.6 125.4

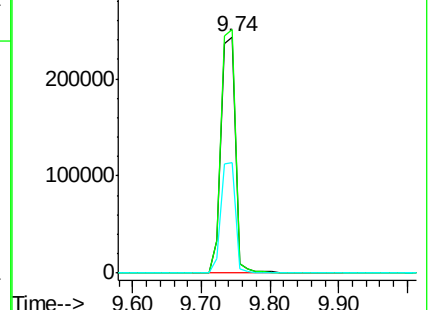
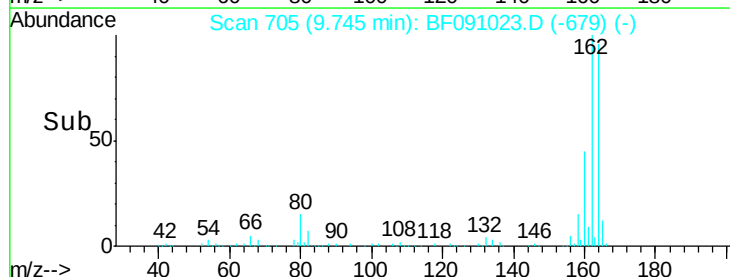
160 46.5 37.9 56.9

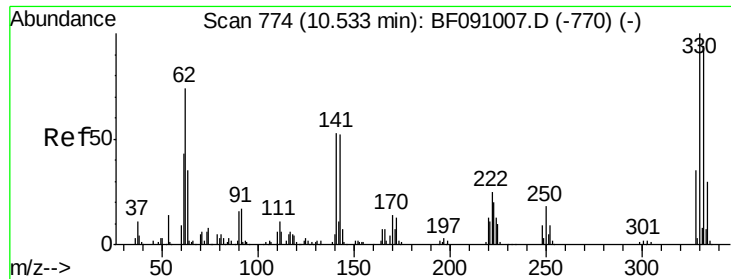


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

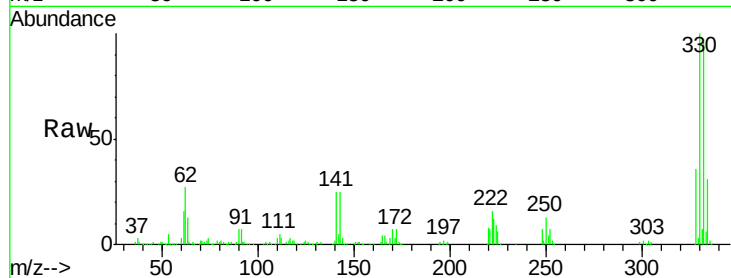




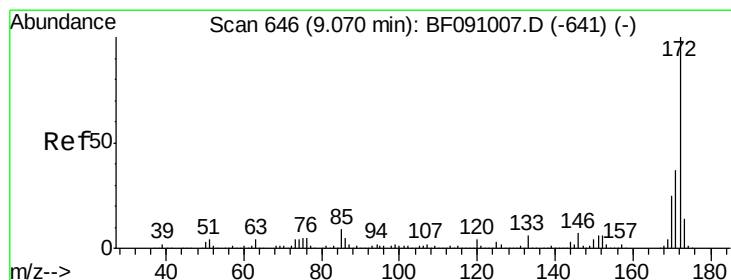
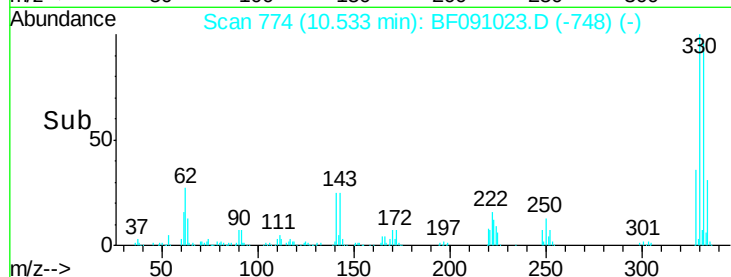
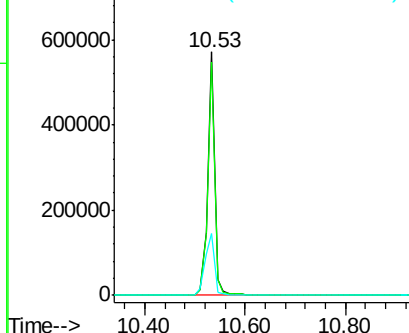
#41
 2,4,6-Tribromophenol
 Concen: 166.14 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091023.D
 Acq: 4 Nov 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-102-16.5-17.0

Tgt Ion:330 Resp: 551812
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.9 113.9
 141 34.5 36.1 54.1#

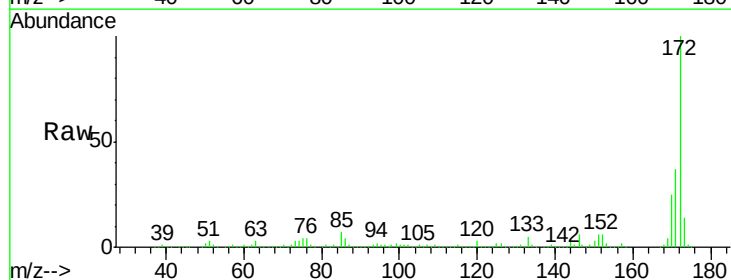


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

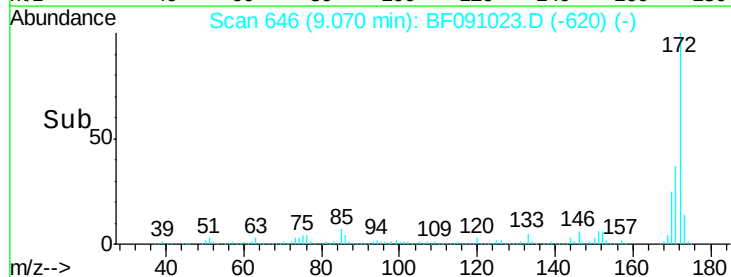
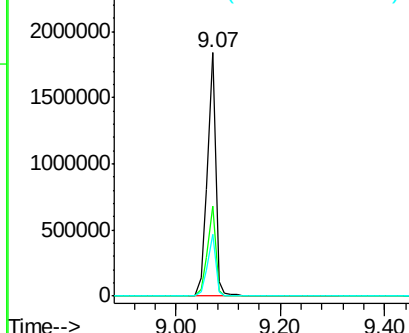


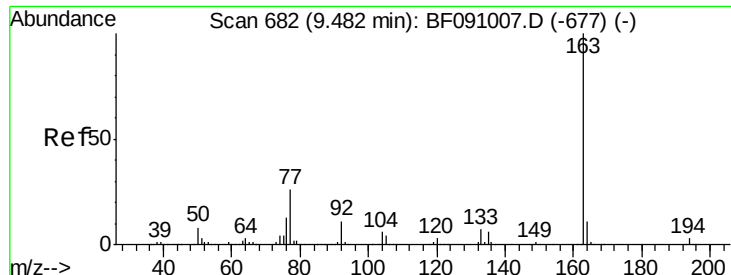
#44
 2-Fluorobiphenyl
 Concen: 96.20 ng
 RT: 9.07 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF091023.D
 Acq: 4 Nov 2016 14:51

Tgt Ion:172 Resp: 2052813
 Ion Ratio Lower Upper
 172 100
 171 37.2 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: 30.41 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

Instrument :

BNA_F

ClientSampleId :

SB-102-16.5-17.0

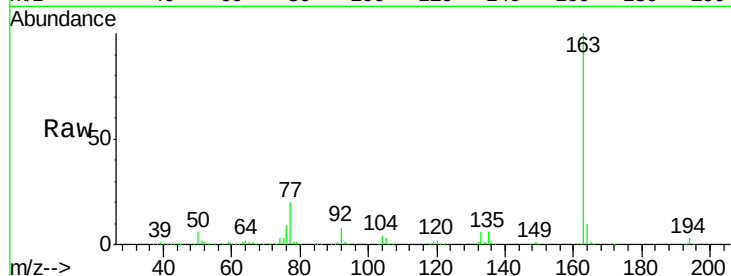
Tgt Ion:163 Resp: 732615

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

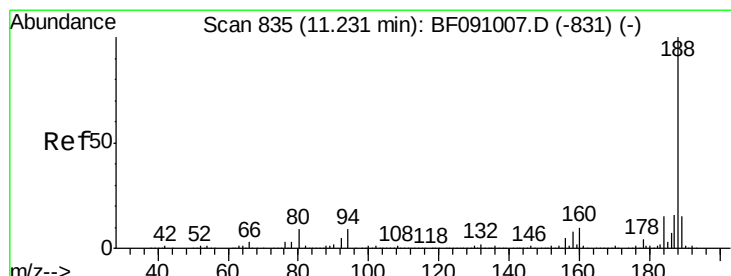
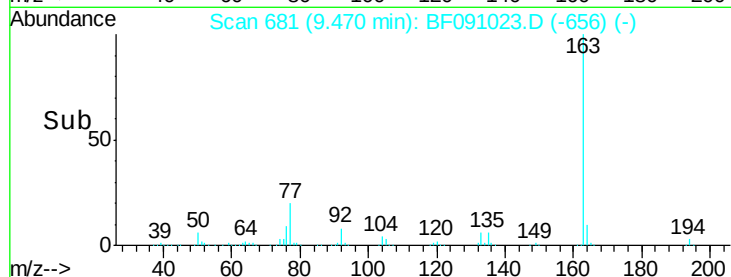
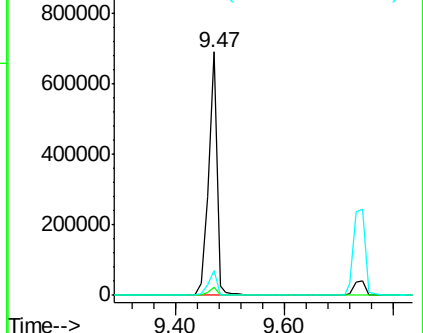
164 10.2 8.7 13.1



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: BF091023.D

Acq: 4 Nov 2016 14:51

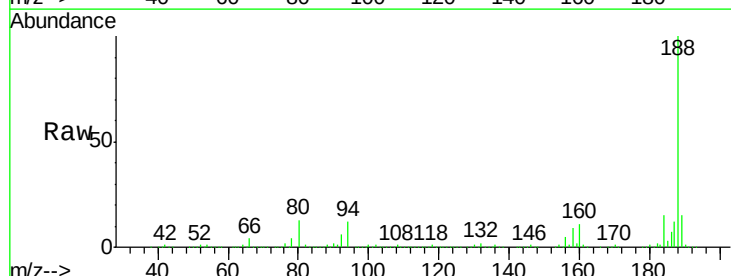
Tgt Ion:188 Resp: 641962

Ion Ratio Lower Upper

188 100

94 11.5 7.0 10.4#

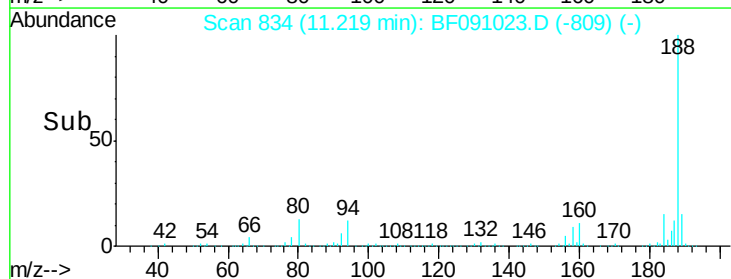
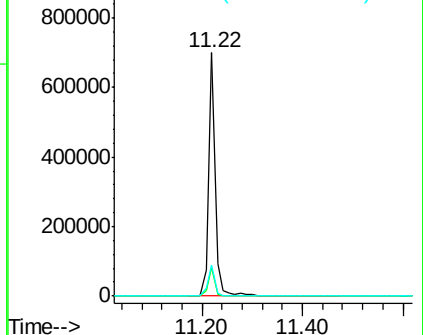
80 12.7 7.5 11.3#

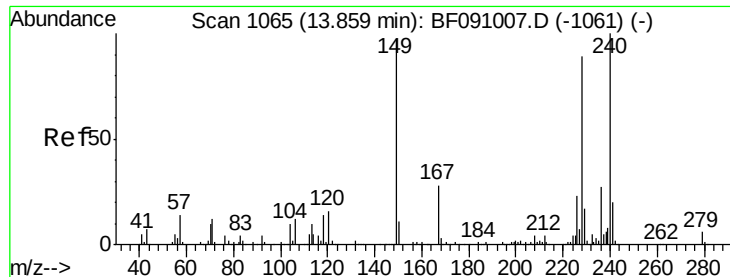


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF091023.D

Acq: 4 Nov 2016 14:51

Instrument :

BNA_F

ClientSampleId :

SB-102-16.5-17.0

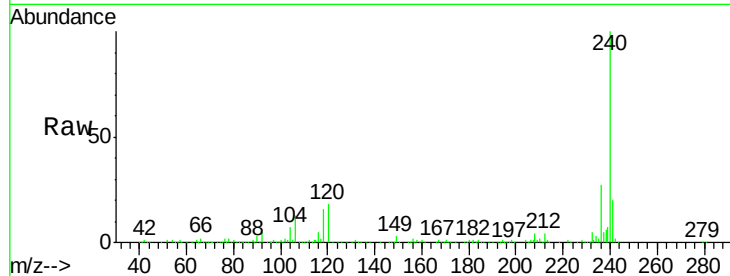
Tgt Ion:240 Resp: 480811

Ion Ratio Lower Upper

240 100

120 17.7 12.9 19.3

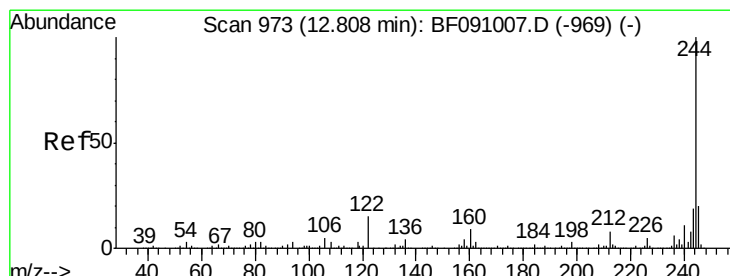
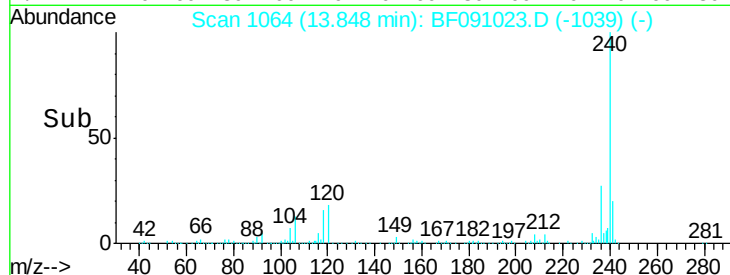
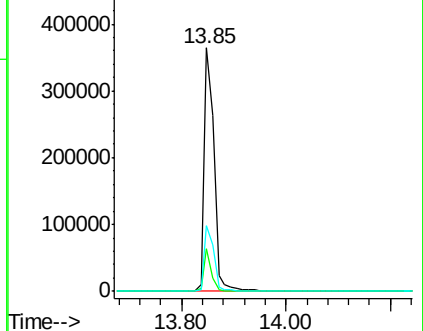
236 26.9 21.9 32.9



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: 96.97 ng

RT: 12.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF091023.D

Acq: 4 Nov 2016 14:51

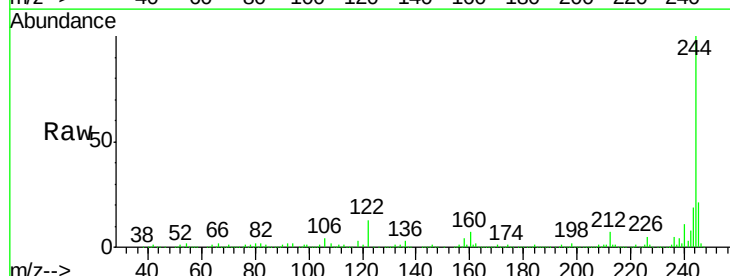
Tgt Ion:244 Resp: 1868316

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

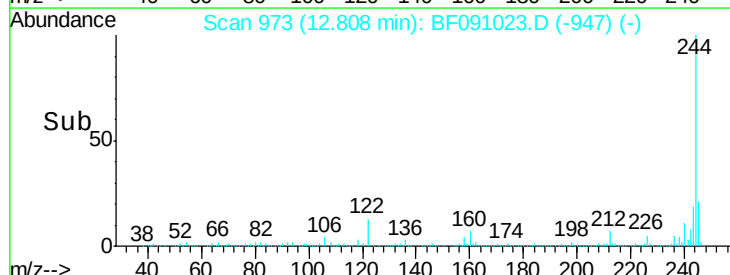
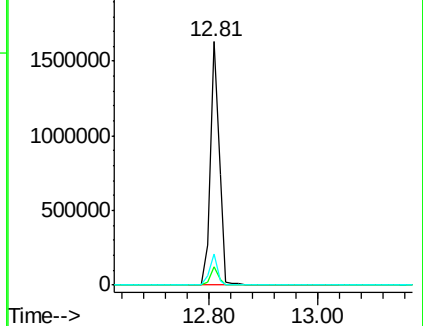
122 12.9 12.3 18.5

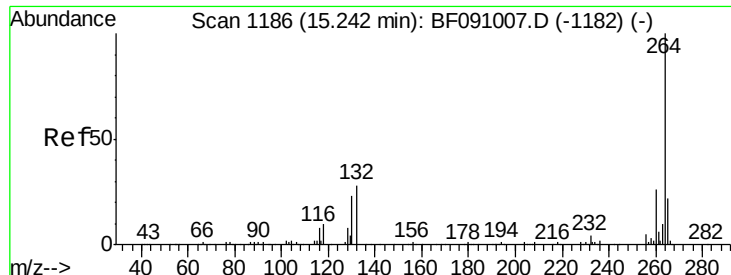


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

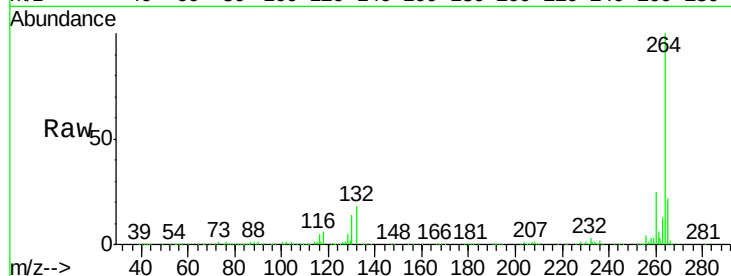




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091023.D
Acq: 4 Nov 2016 14:51

Instrument :
BNA_F
ClientSampleId :
SB-102-16.5-17.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	30.8
265	21.9	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

