

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091028.D
 Acq On : 4 Nov 2016 18:50
 Operator : UM/SJ
 Sample : H5526-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-108-22.5-23.0

Quant Time: Nov 04 23:32:43 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

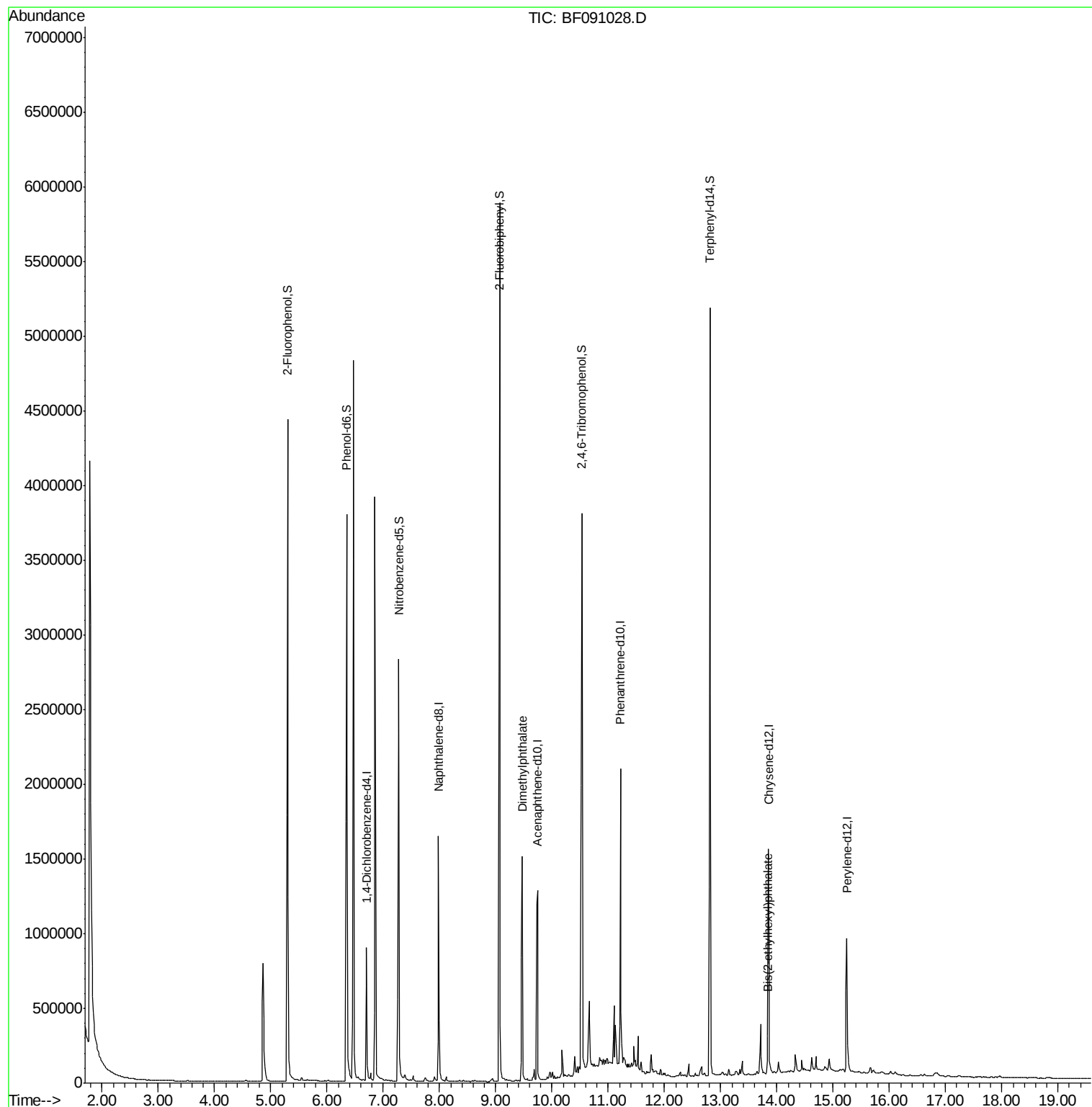
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	187673	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	795536	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	421508	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	709591	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	538175	20.00	ng	-0.01
86) Perylene-d12	15.24	264	394327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1558789	137.18	ng	0.01
7) Phenol-d6	6.35	99	2111376	136.89	ng	0.00
23) Nitrobenzene-d5	7.28	82	1537961	105.46	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	564101	148.03	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2156017	88.06	ng	0.00
78) Terphenyl-d14	12.81	244	2124499	98.51	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	763978	27.64	ng	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	72082	3.16	ng	99

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

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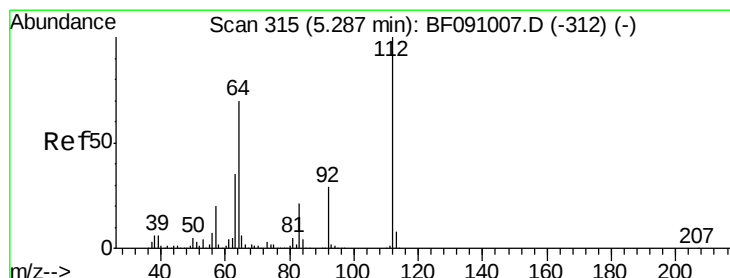
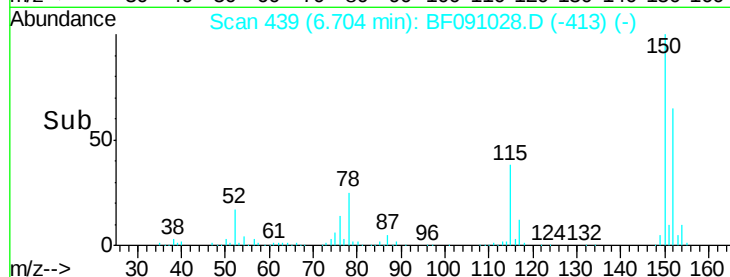
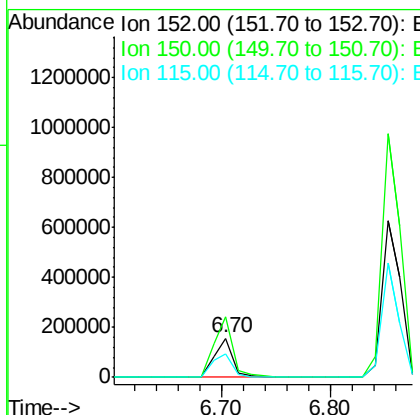
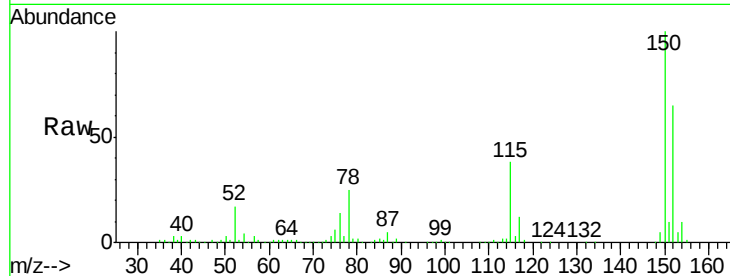




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF091028.D
 Acq: 4 Nov 2016 18:50

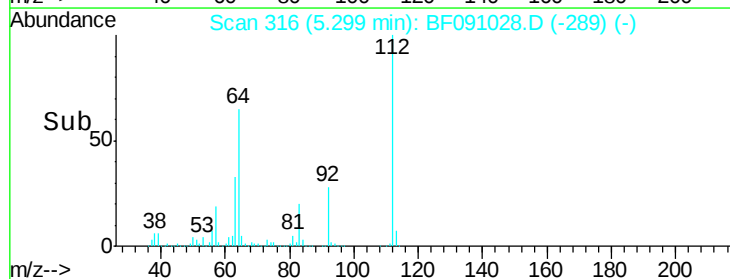
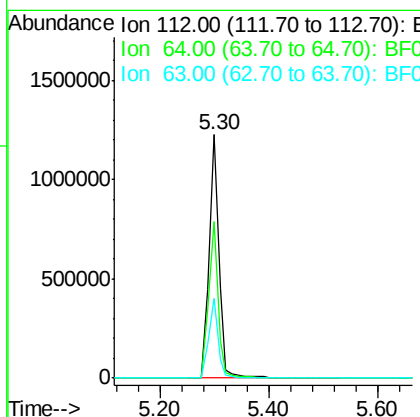
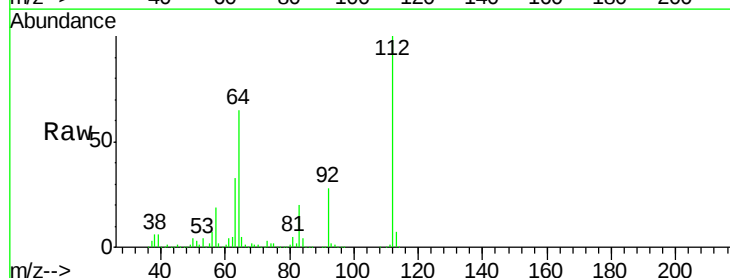
Instrument :
 BNA_F
 ClientSampleId :
 SB-108-22.5-23.0

Tgt Ion:152 Resp: 187673
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.8 190.2
 115 58.4 53.3 79.9



#5
 2-Fluorophenol
 Concen: 137.18 ng
 RT: 5.30 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: BF091028.D
 Acq: 4 Nov 2016 18:50

Tgt Ion:112 Resp: 1558789
 Ion Ratio Lower Upper
 112 100
 64 64.5 55.8 83.6
 63 32.7 28.0 42.0





#7

Phenol-d6

Concen: 136.89 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-108-22.5-23.0

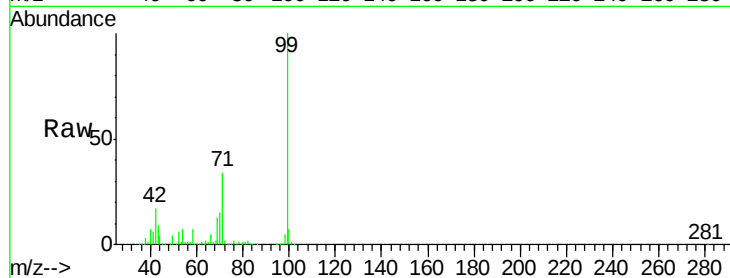
Tgt Ion: 99 Resp: 2111376

Ion Ratio Lower Upper

99 100

42 17.1 13.9 20.9

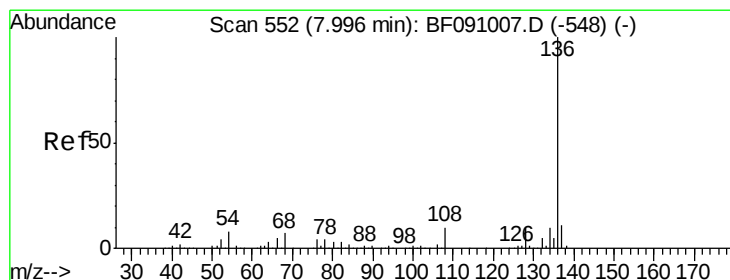
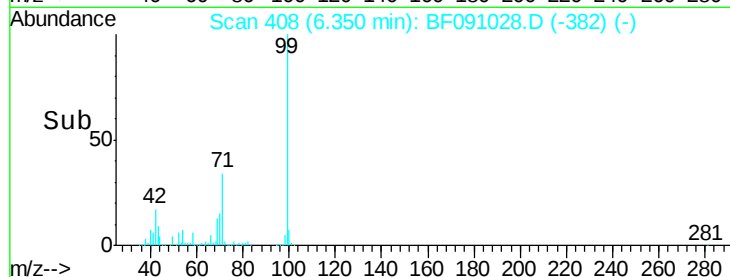
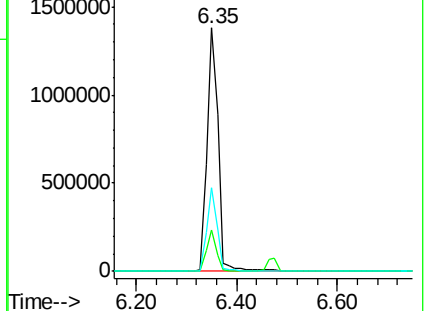
71 34.5 27.8 41.8



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: BF091028.D

Acq: 4 Nov 2016 18:50

Tgt Ion: 136 Resp: 795536

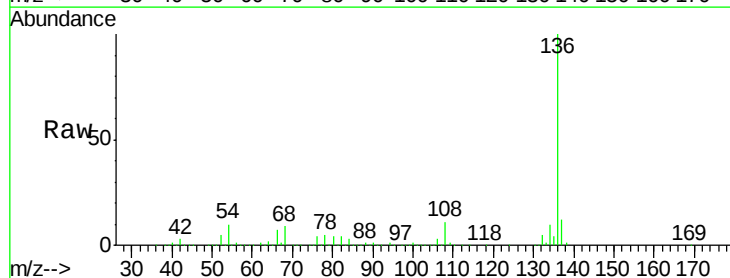
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.0 6.2 9.2#

68 8.5 5.5 8.3#

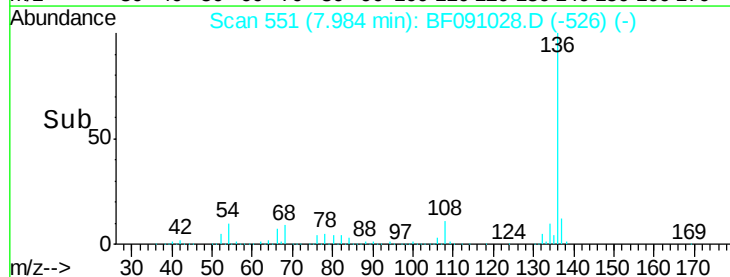
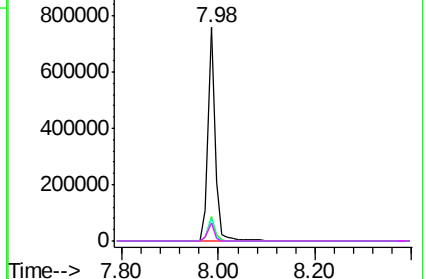


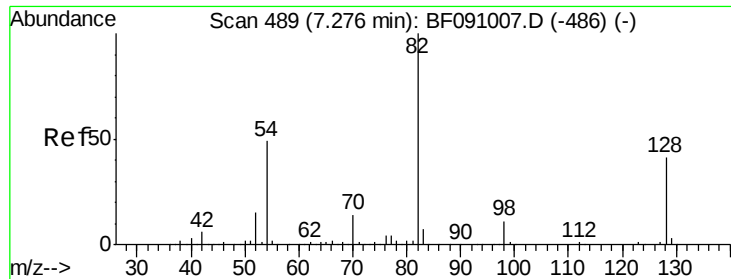
Abundance Ion 136.00 (135.70 to 136.70): E

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

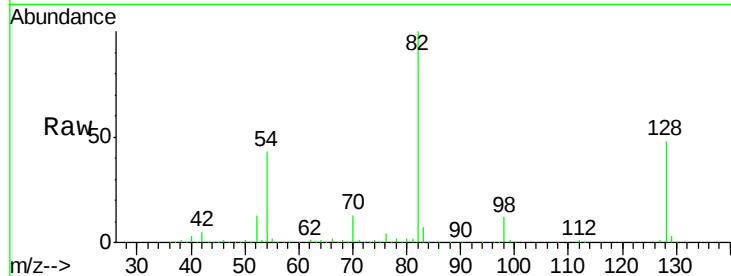




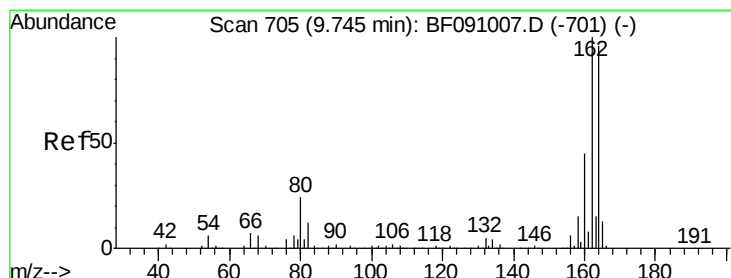
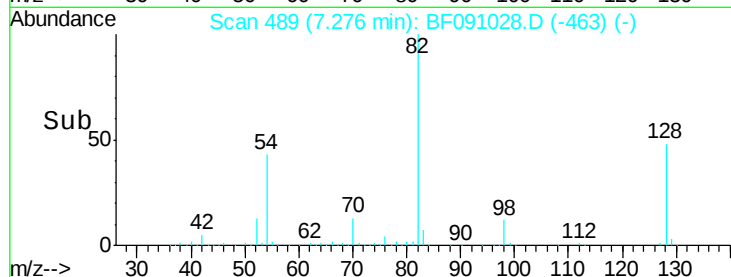
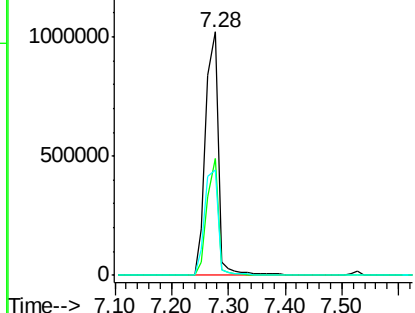
#23
Nitrobenzene-d5
Concen: 105.46 ng
RT: 7.28 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF091028.D
Acq: 4 Nov 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SB-108-22.5-23.0

Tgt Ion: 82 Resp: 1537961
Ion Ratio Lower Upper
82 100
128 47.9 32.4 48.6
54 43.3 39.2 58.8

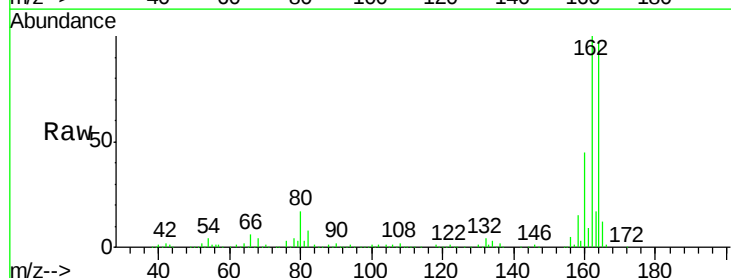


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

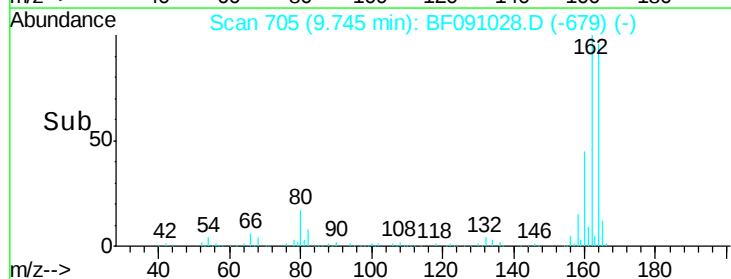
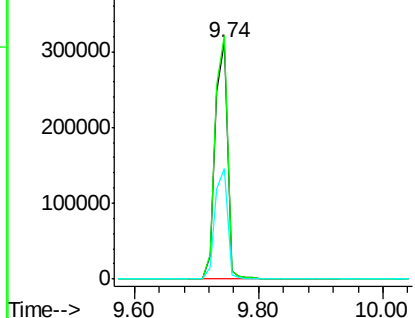


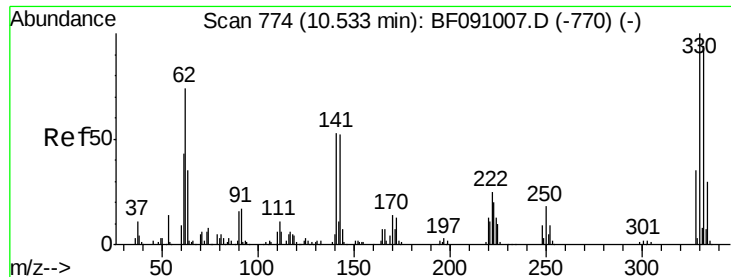
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF091028.D
Acq: 4 Nov 2016 18:50

Tgt Ion: 164 Resp: 421508
Ion Ratio Lower Upper
164 100
162 102.7 83.6 125.4
160 46.6 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

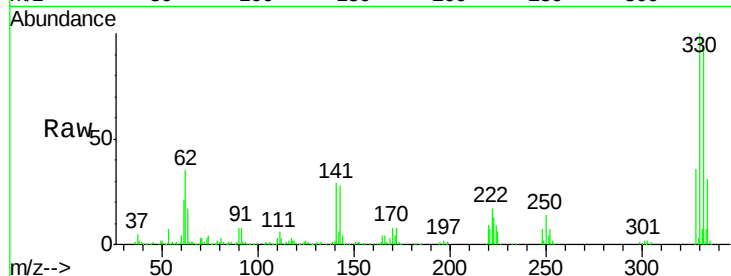




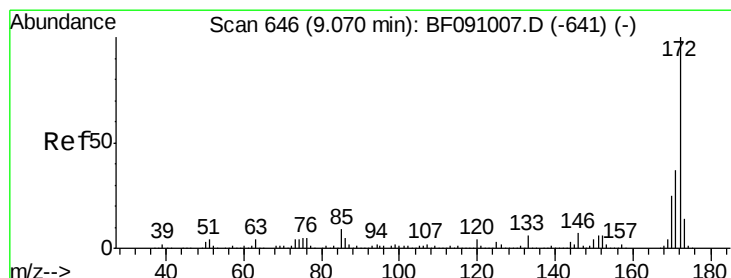
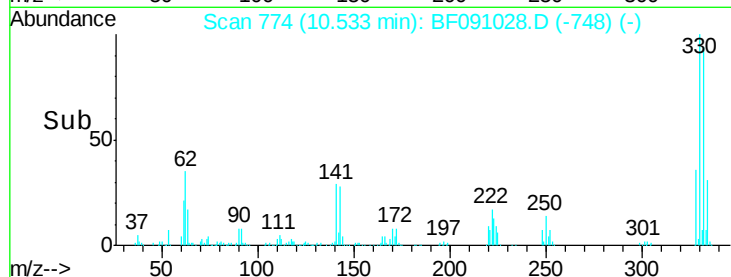
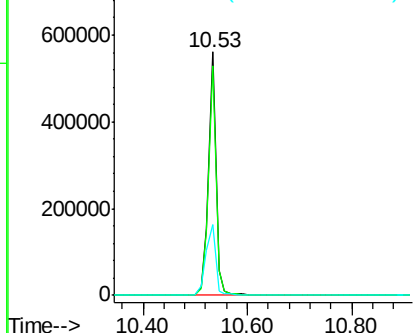
#41
 2,4,6-Tribromophenol
 Concen: 148.03 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091028.D
 Acq: 4 Nov 2016 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-108-22.5-23.0

Tgt Ion:330 Resp: 564101
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.9 113.9
 141 38.1 36.1 54.1

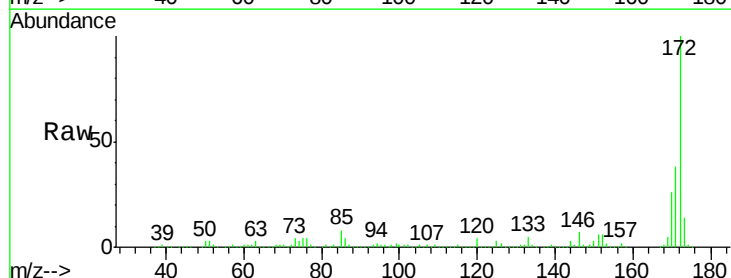


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

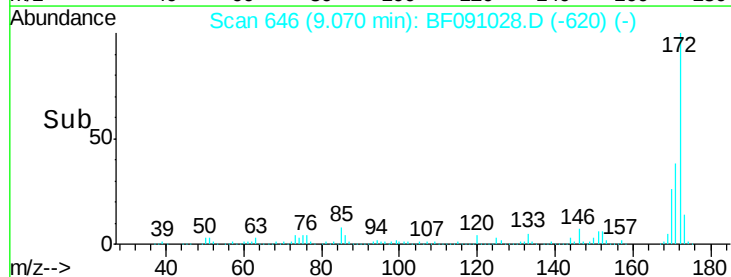
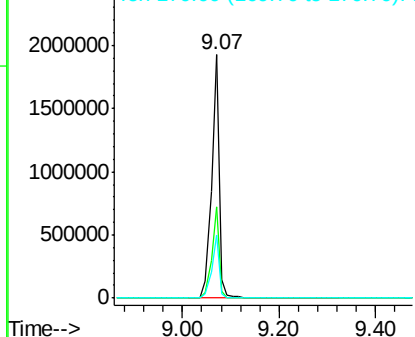


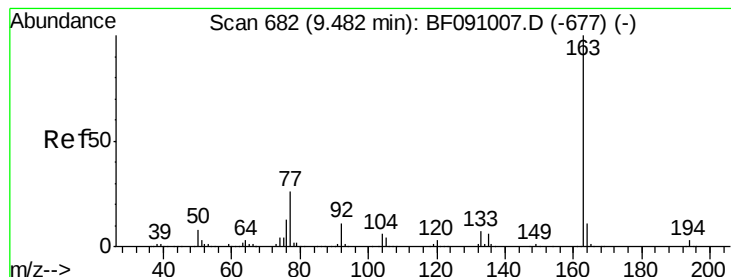
#44
 2-Fluorobiphenyl
 Concen: 88.06 ng
 RT: 9.07 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF091028.D
 Acq: 4 Nov 2016 18:50

Tgt Ion:172 Resp: 2156017
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 26.0 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: 27.64 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-108-22.5-23.0

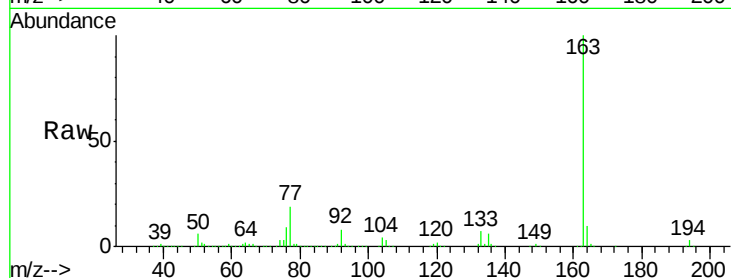
Tgt Ion:163 Resp: 763978

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

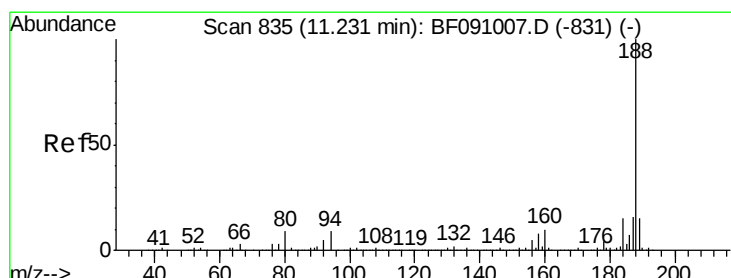
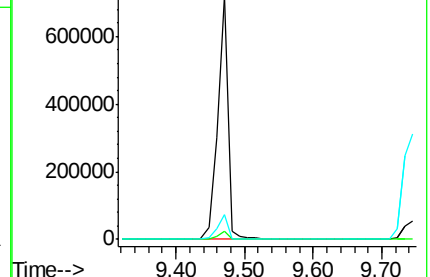
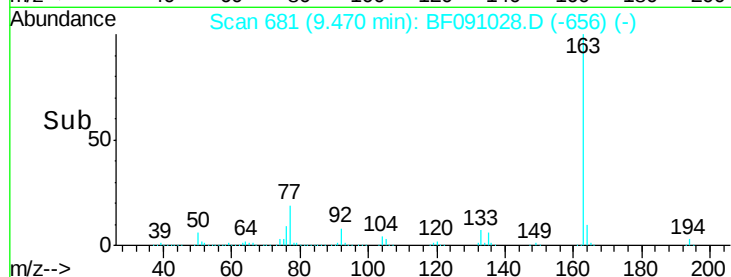
164 10.1 8.7 13.1



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: BF091028.D

Acq: 4 Nov 2016 18:50

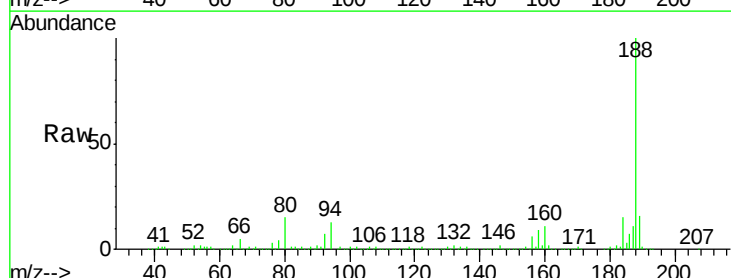
Tgt Ion:188 Resp: 709591

Ion Ratio Lower Upper

188 100

94 13.1 7.0 10.4#

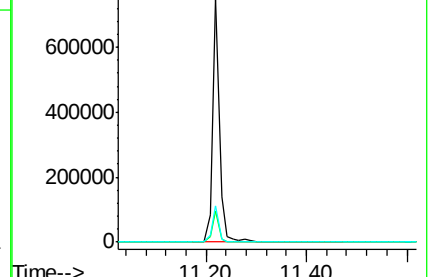
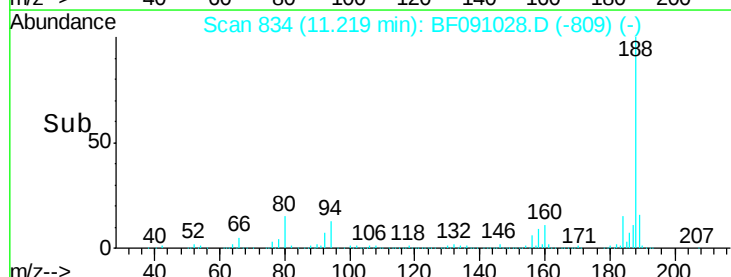
80 14.7 7.5 11.3#

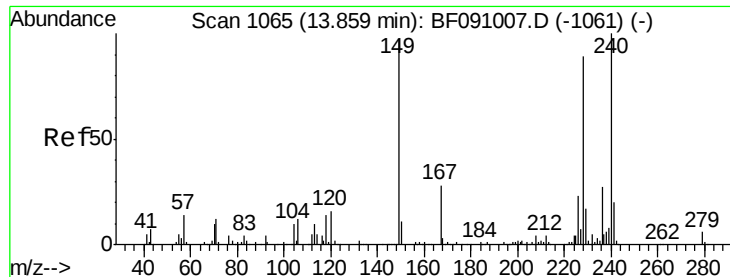


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF091028.D

Acq: 4 Nov 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-108-22.5-23.0

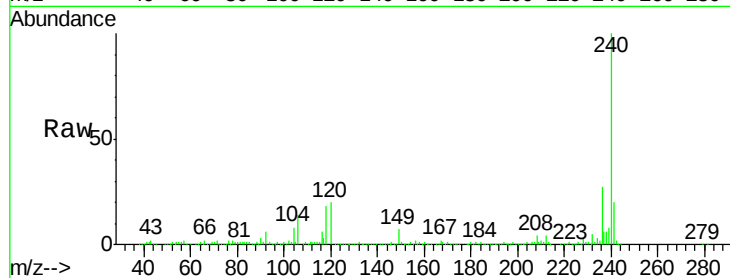
Tgt Ion:240 Resp: 538175

Ion Ratio Lower Upper

240 100

120 19.6 12.9 19.3#

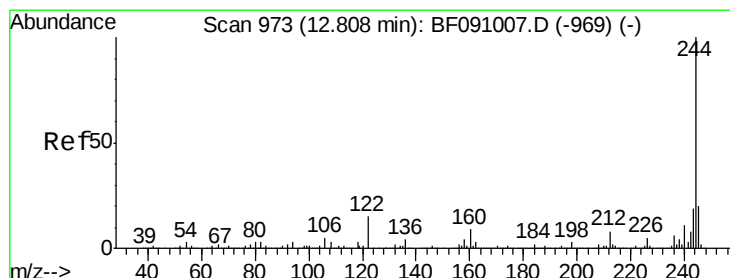
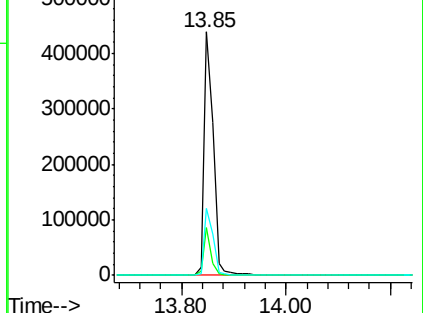
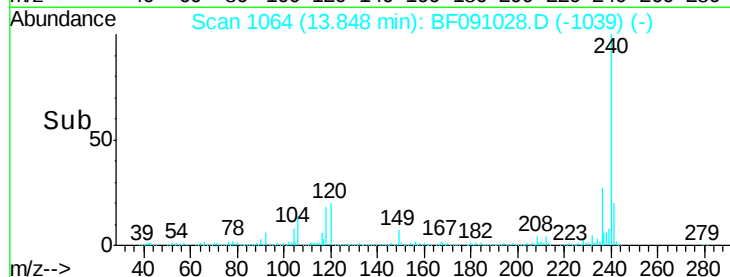
236 27.4 21.9 32.9



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: 98.51 ng

RT: 12.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

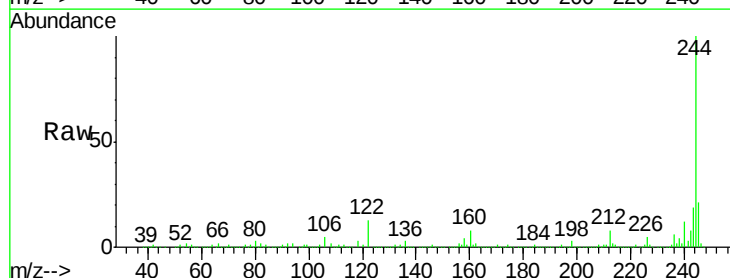
Tgt Ion:244 Resp: 2124499

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

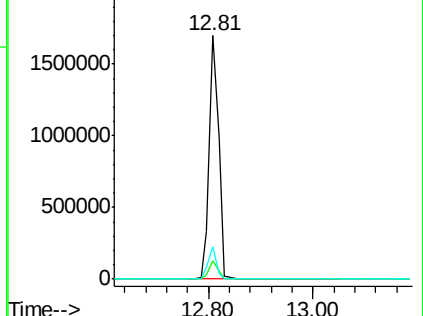
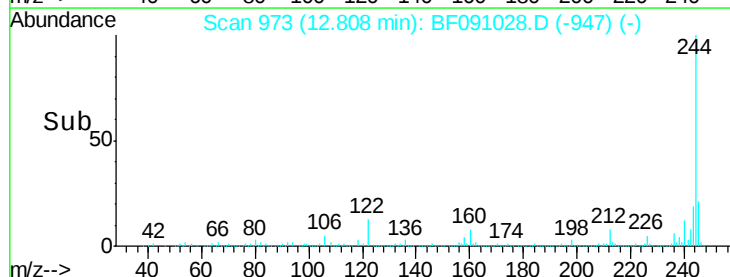
122 13.5 12.3 18.5

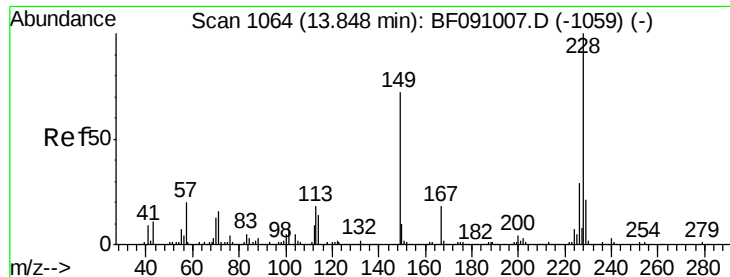


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

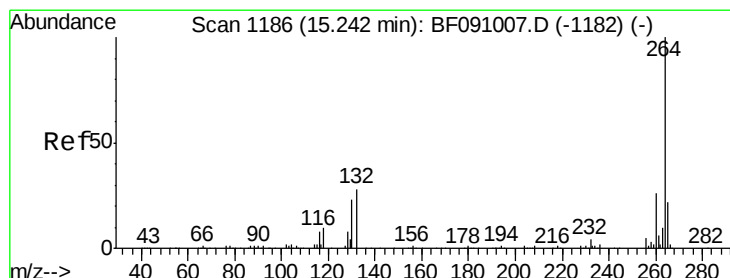
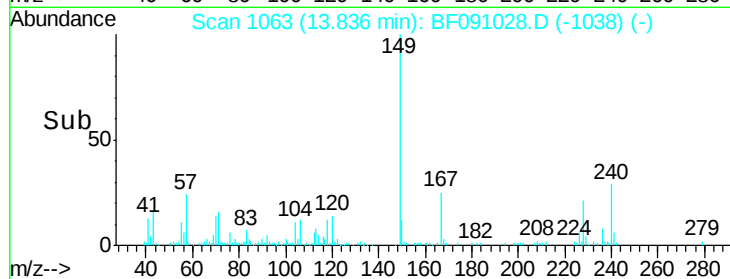
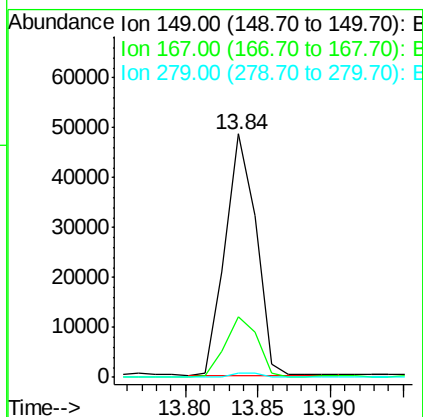
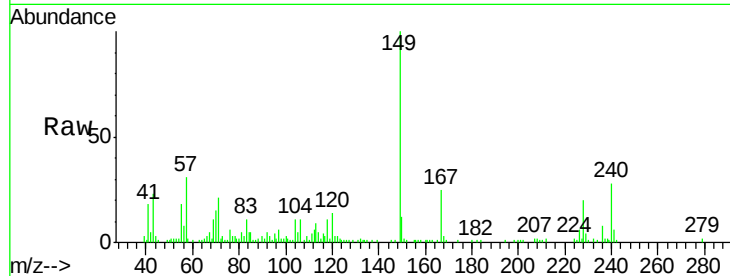




#83
Bis(2-ethylhexyl)phthalate
Concen: 3.16 ng
RT: 13.84 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF091028.D
Acq: 4 Nov 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SB-108-22.5-23.0

Tgt Ion:149 Resp: 72082
Ion Ratio Lower Upper
149 100
167 25.1 20.4 30.6
279 2.0 1.6 2.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF091028.D
Acq: 4 Nov 2016 18:50

Tgt Ion:264 Resp: 394327
Ion Ratio Lower Upper
264 100
260 25.4 20.6 30.8
265 21.7 17.8 26.8

