

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091276.D
 Acq On : 23 Nov 2016 15:23
 Operator : UM/SJ
 Sample : H5747-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-BSB-11222016

Quant Time: Nov 23 17:28:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

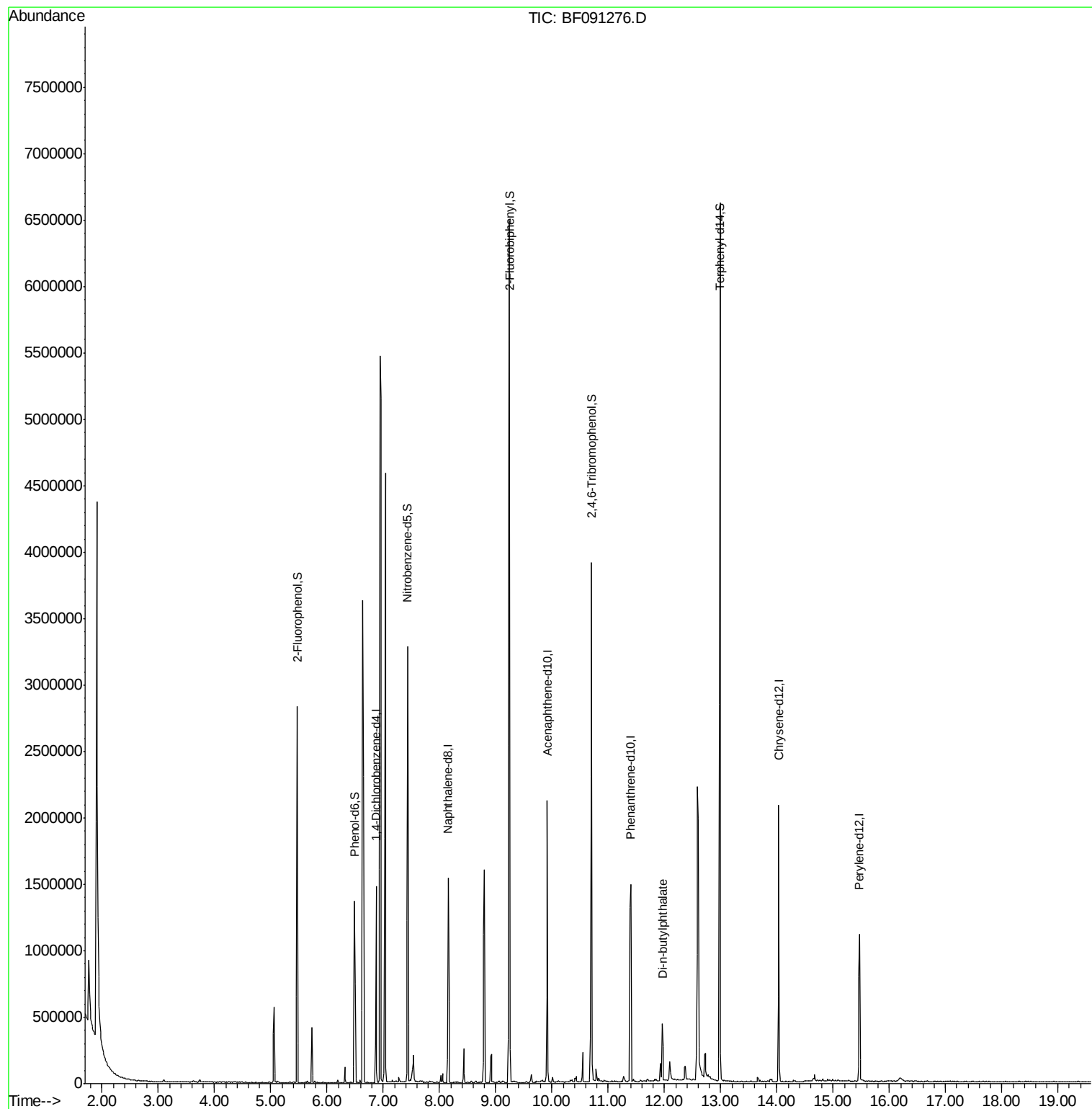
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	199140	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	758292	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	480083	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	796349	20.00	ng	0.00
75) Chrysene-d12	14.03	240	753654	20.00	ng	-0.01
86) Perylene-d12	15.47	264	600076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	653919	52.76	ng	0.00
7) Phenol-d6	6.49	99	501680	31.50	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1088792	82.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	579923	119.79	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2135687	72.84	ng	0.00
78) Terphenyl-d14	12.99	244	2194696	66.51	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.96	149	263196	6.05	ng	Qvalue # 98

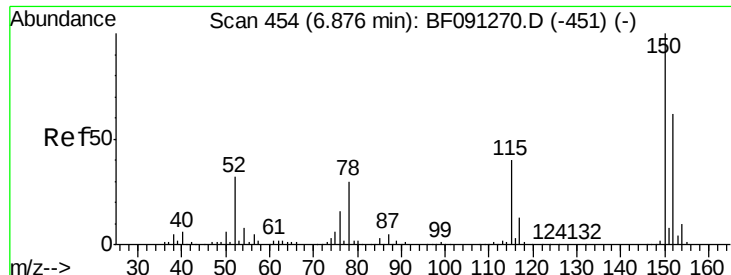
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

Instrument :

BNA_F

ClientSampleId :

DW-BSB-11222016

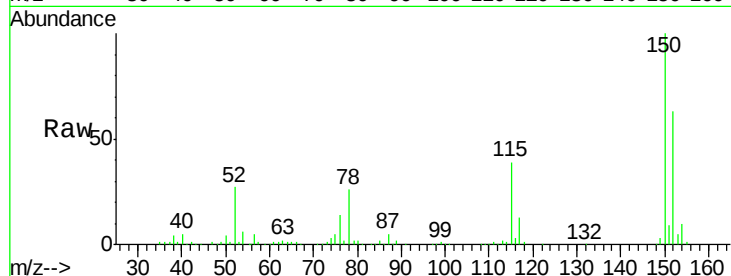
Tgt Ion:152 Resp: 199140

Ion Ratio Lower Upper

152 100

150 157.5 122.5 183.7

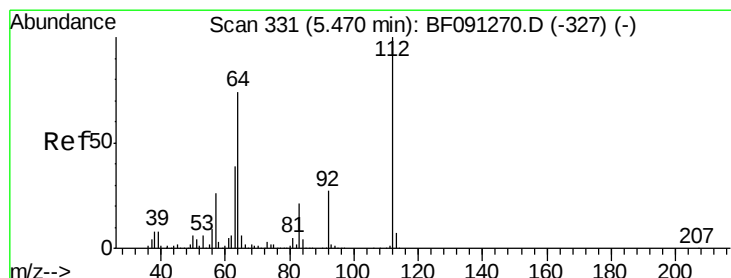
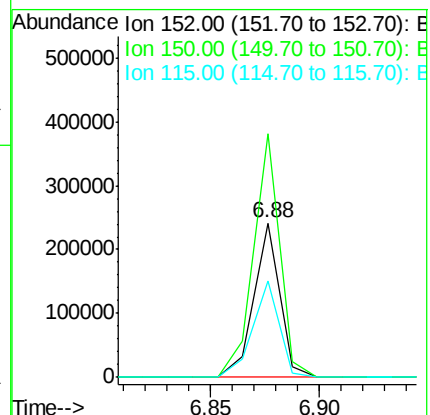
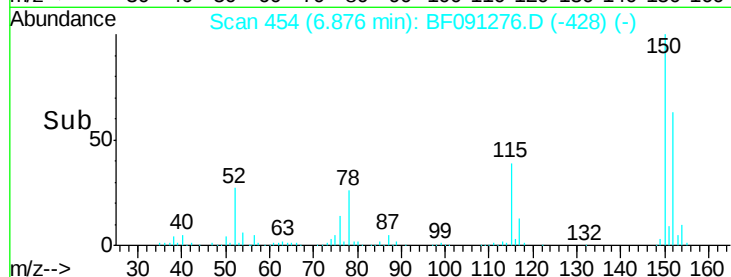
115 62.0 51.8 77.8



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: 52.76 ng

RT: 5.47 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

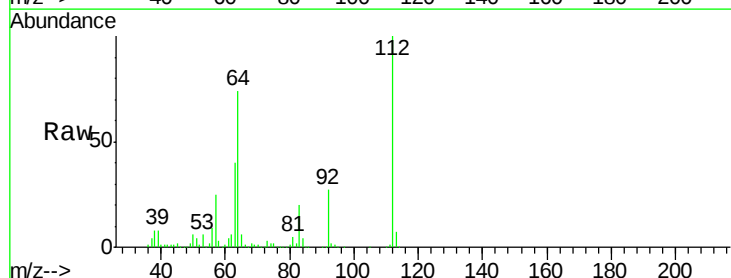
Tgt Ion:112 Resp: 653919

Ion Ratio Lower Upper

112 100

64 73.8 61.5 92.3

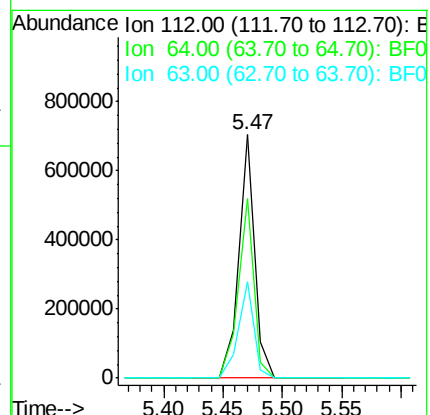
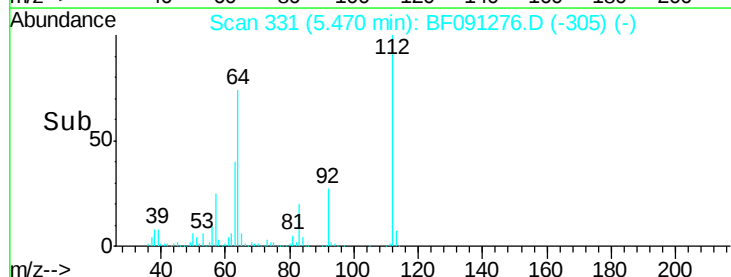
63 39.8 33.3 49.9

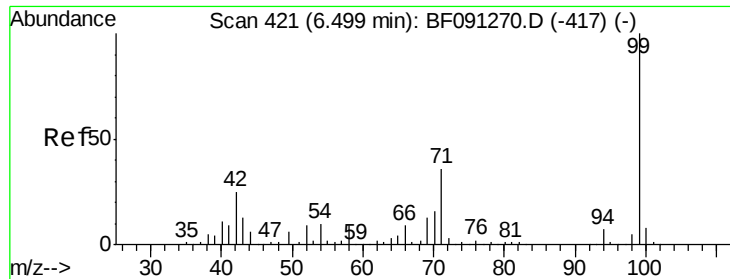


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.50 ng

RT: 6.49 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

Instrument :

BNA_F

ClientSampleId :

DW-BSB-11222016

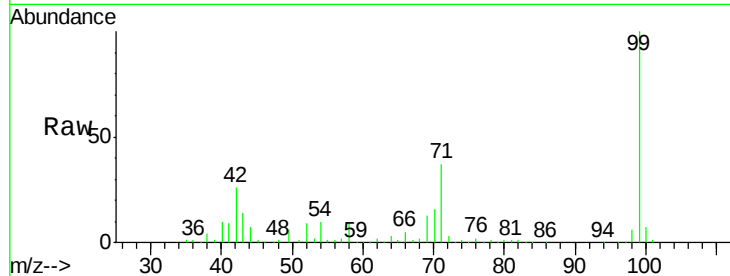
Tgt Ion: 99 Resp: 501680

Ion Ratio Lower Upper

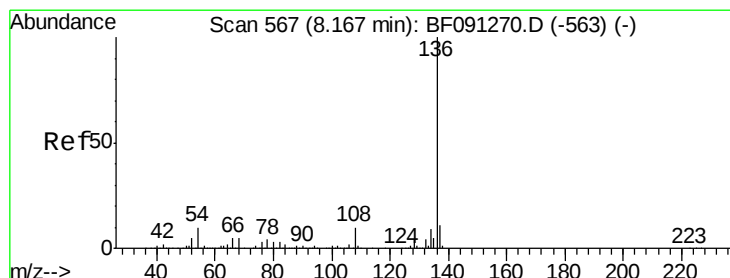
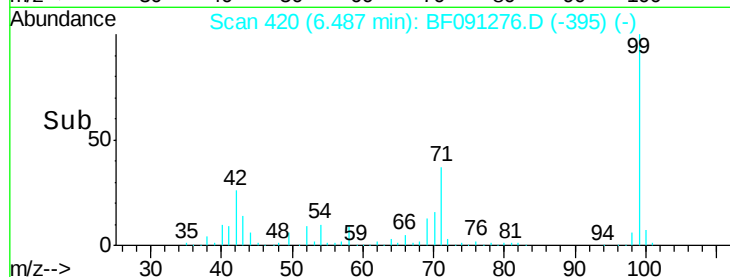
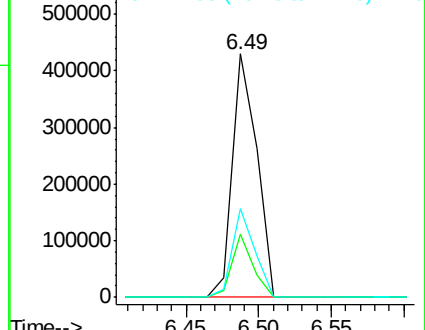
99 100

42 26.0 20.6 31.0

71 36.7 29.9 44.9



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: 8.16 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

Tgt Ion: 136 Resp: 758292

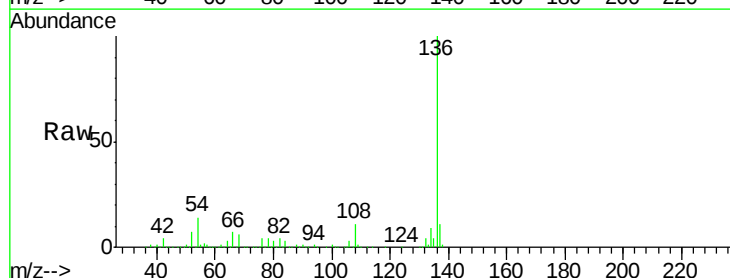
Ion Ratio Lower Upper

136 100

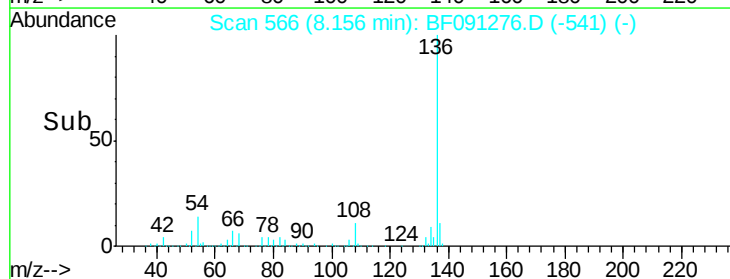
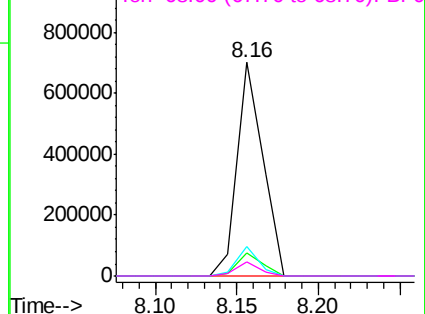
137 11.0 9.1 13.7

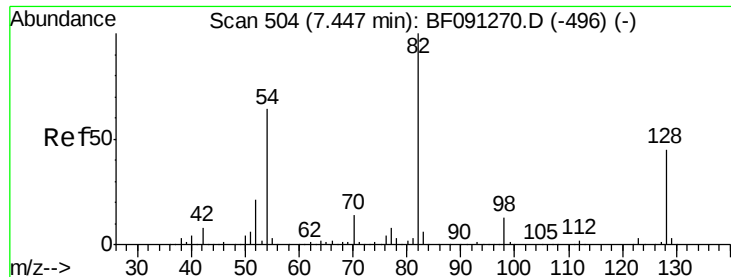
54 13.6 9.1 13.7

68 6.5 5.9 8.9



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

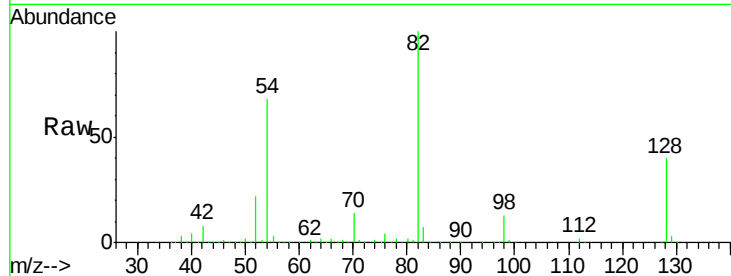




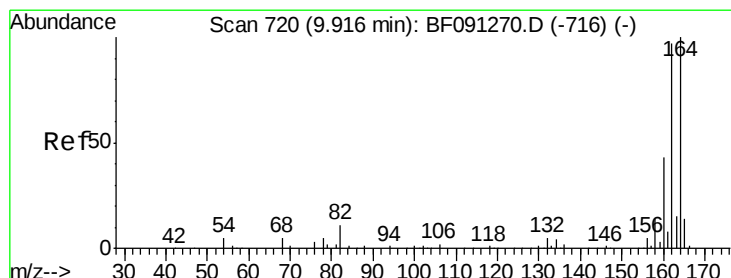
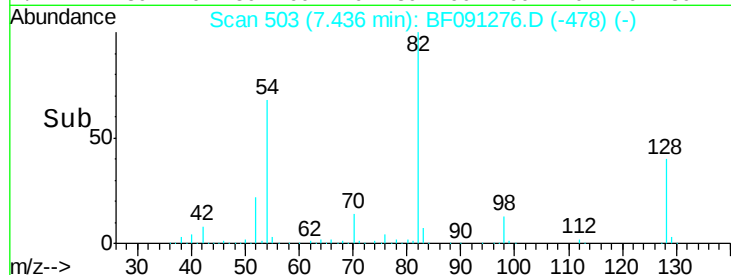
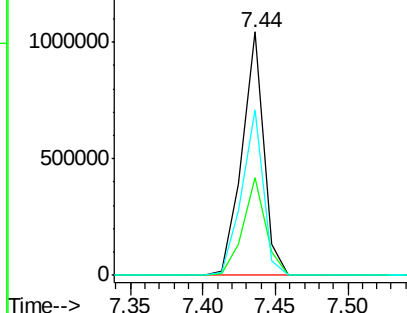
#23
 Nitrobenzene-d5
 Concen: 82.66 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 DW-BSB-11222016

Tgt Ion: 82 Resp: 1088792
 Ion Ratio Lower Upper
 82 100
 128 40.1 31.8 47.6
 54 68.1 49.1 73.7

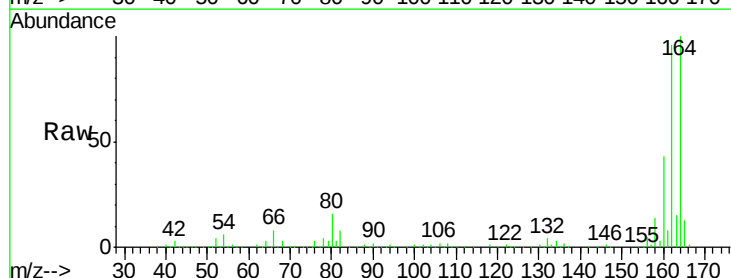


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

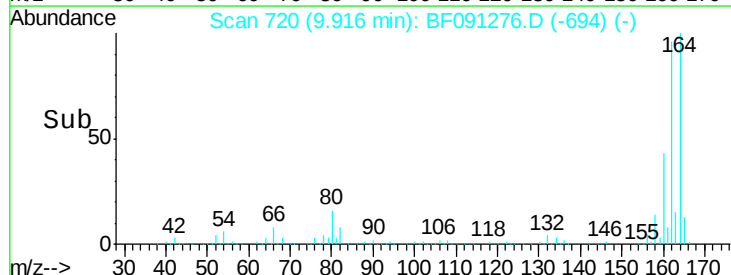
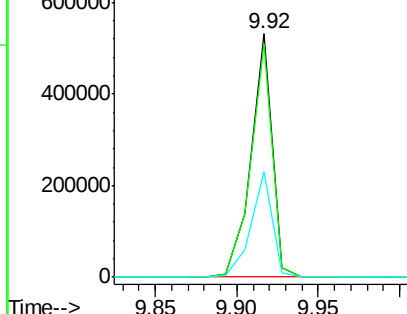


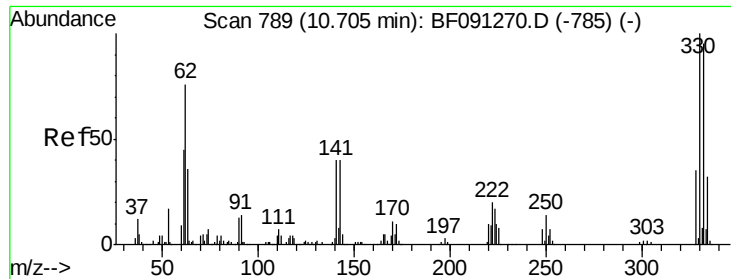
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

Tgt Ion: 164 Resp: 480083
 Ion Ratio Lower Upper
 164 100
 162 95.7 82.6 124.0
 160 43.4 36.7 55.1



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

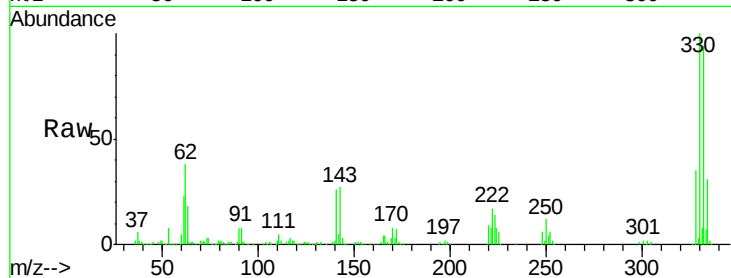




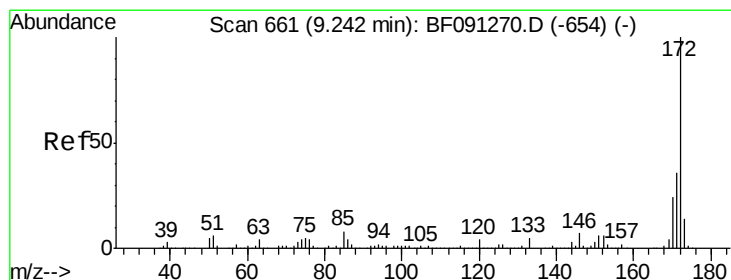
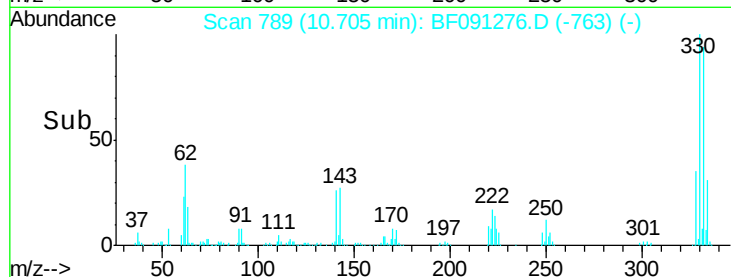
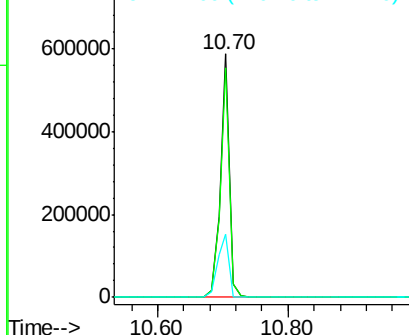
#41
 2,4,6-Tribromophenol
 Concen: 119.79 ng
 RT: 10.70 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 DW-BSB-11222016

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.2	114.4
141	32.6	33.6	50.4#

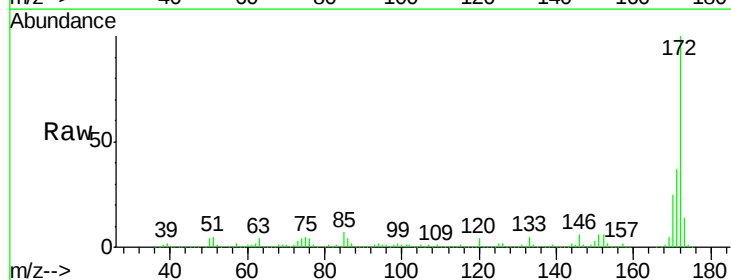


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

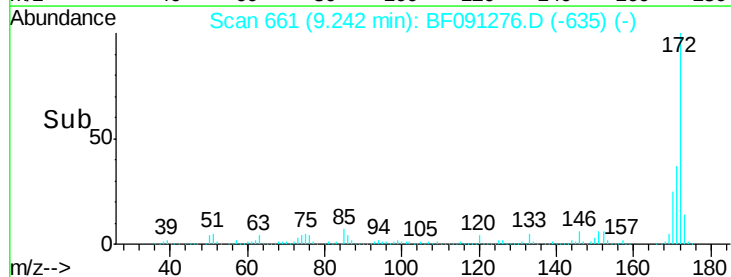
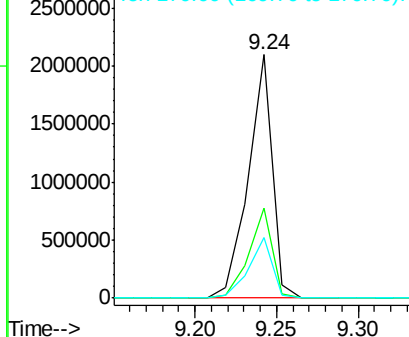


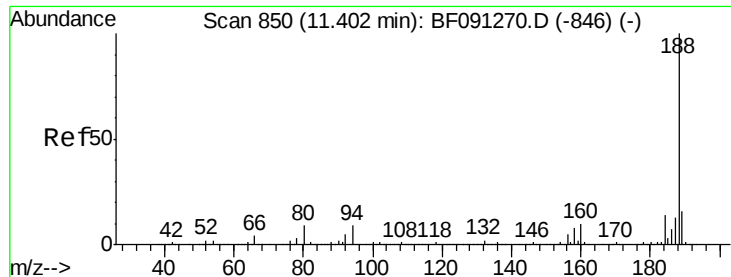
#44
 2-Fluorobiphenyl
 Concen: 72.84 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	25.1	19.7	29.5



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

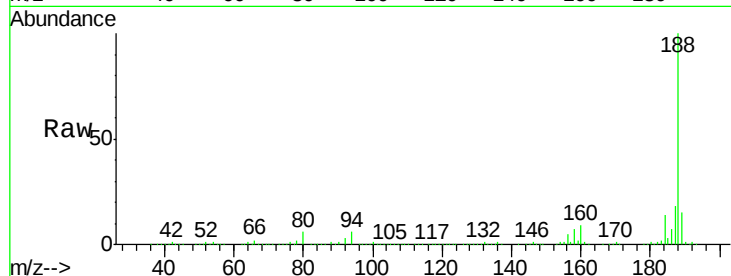




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

Instrument :
 BNA_F
 ClientSampleId :
 DW-BSB-11222016

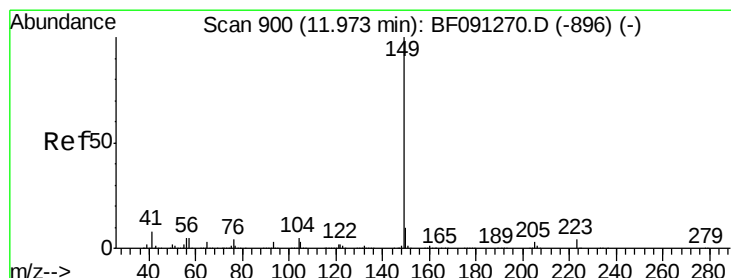
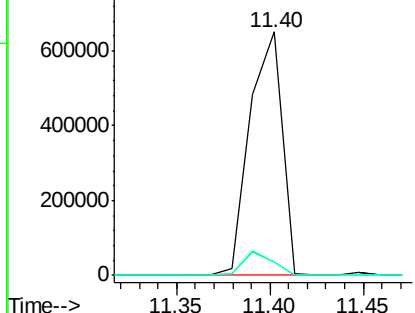
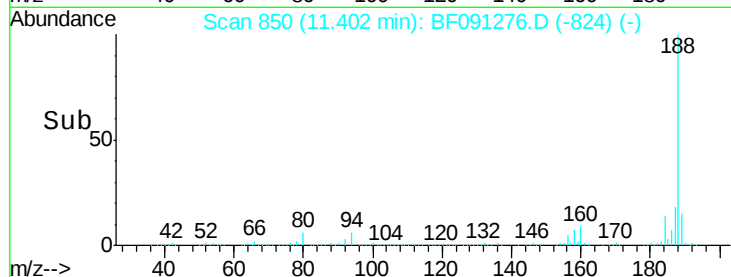
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	9.2	13.8#
80	5.5	10.5	15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

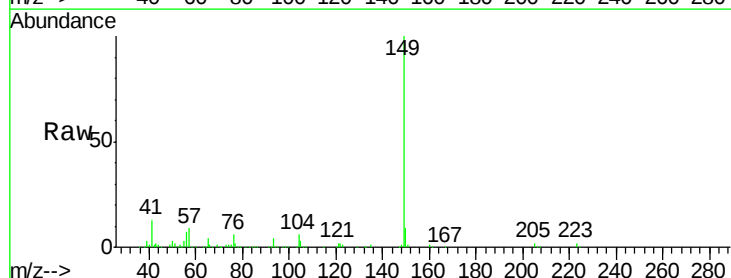
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#73
 Di-n-butylphthalate
 Concen: 6.05 ng
 RT: 11.96 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF091276.D
 Acq: 23 Nov 2016 15:23

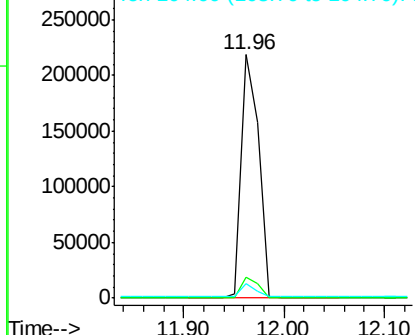
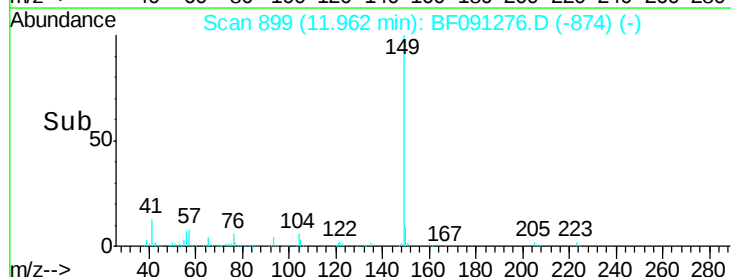
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.5	11.3
104	6.1	4.0	6.0#

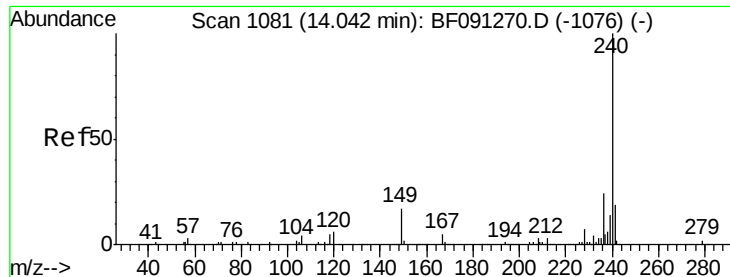


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

Instrument :

BNA_F

ClientSampleId :

DW-BSB-11222016

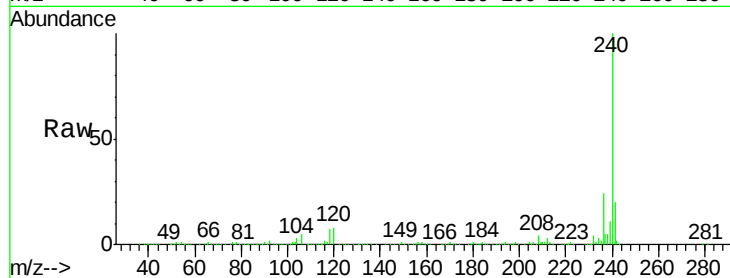
Tgt Ion:240 Resp: 753654

Ion Ratio Lower Upper

240 100

120 8.1 12.1 18.1#

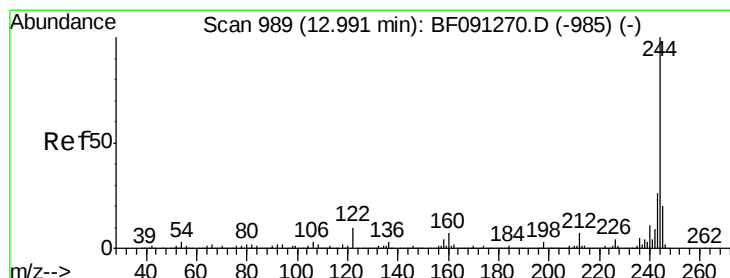
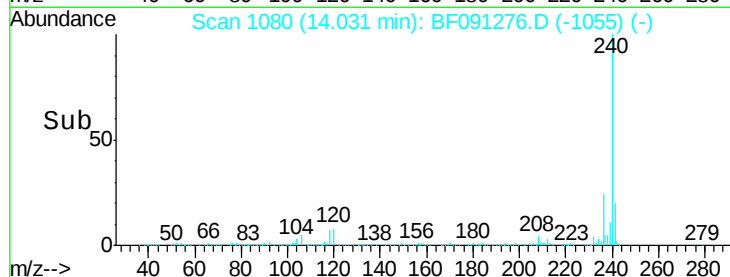
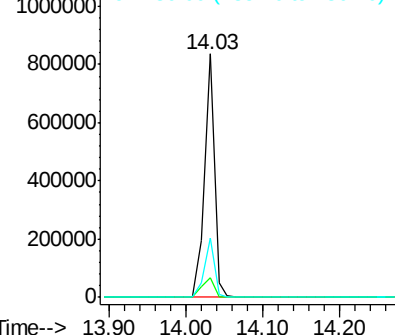
236 24.2 21.0 31.6



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: 66.51 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091276.D

Acq: 23 Nov 2016 15:23

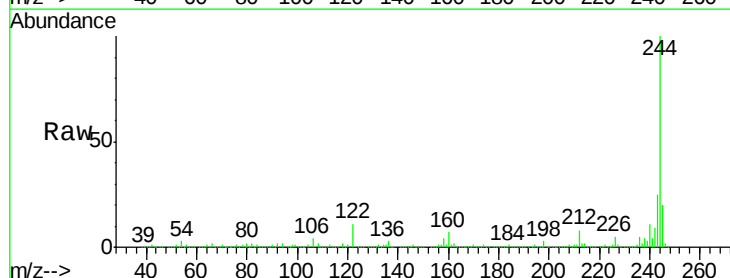
Tgt Ion:244 Resp: 2194696

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

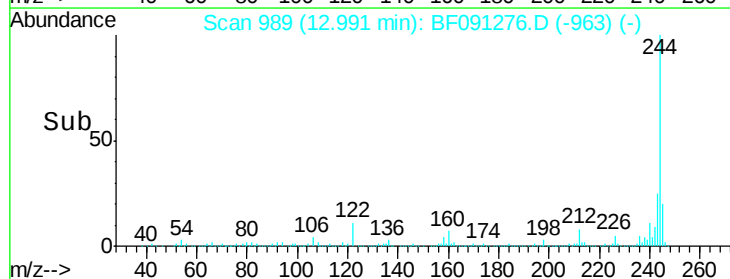
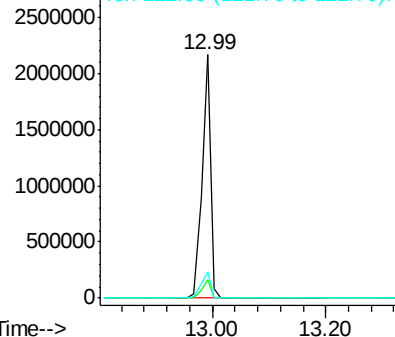
122 10.8 9.5 14.3

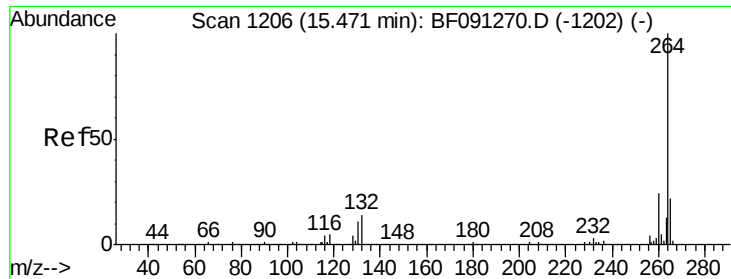


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF091276.D
Acq: 23 Nov 2016 15:23

Instrument :
BNA_F
ClientSampleId :
DW-BSB-11222016

Tgt Ion: 264 Resp: 600076

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.2	17.0	25.6

