

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090002.D
 Acq On : 7 Sep 2016 13:55
 Operator : UM/SJ
 Sample : H4676-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-8

Quant Time: Sep 07 15:19:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

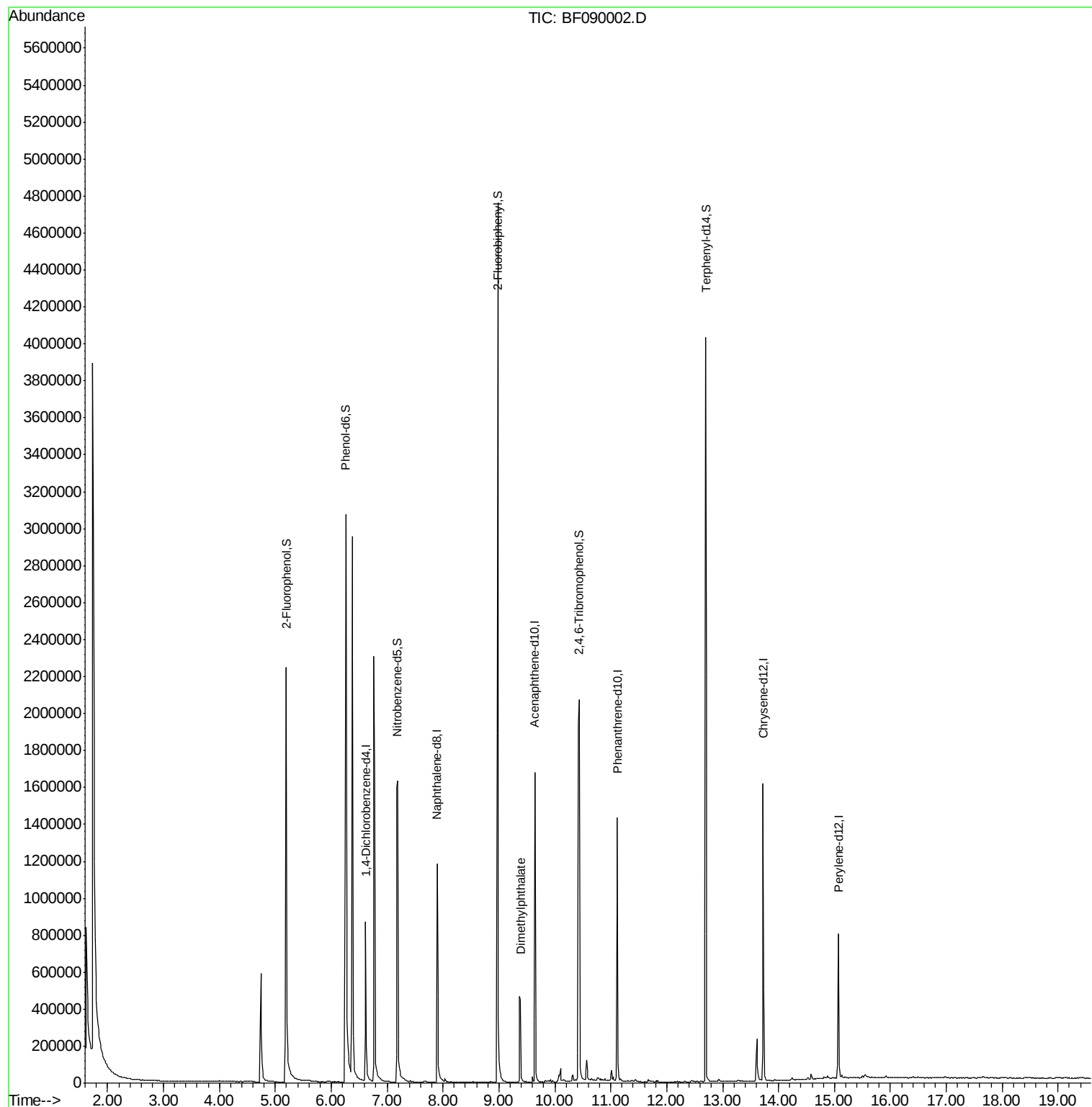
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	172018	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	687617	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	373768	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	745874	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	581226	20.00	ng	-0.03
86) Perylene-d12	15.07	264	441921	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1197126	111.39	ng	-0.01
7) Phenol-d6	6.26	99	1531986	117.32	ng	-0.02
23) Nitrobenzene-d5	7.19	82	913393	77.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	419189	113.68	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1774780	77.95	ng	-0.02
78) Terphenyl-d14	12.70	244	1712489	72.78	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.38	163	344231	12.74	ng	Qvalue 97

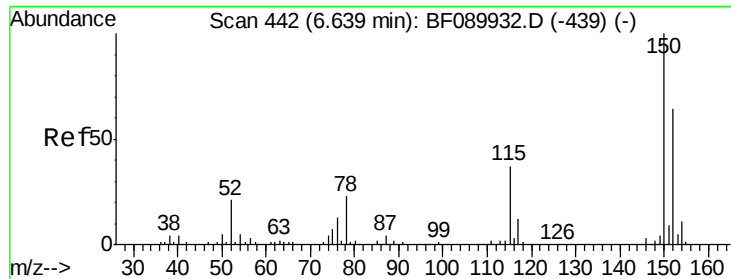
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 13:29:08 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090002.D

Acq: 7 Sep 2016 13:55

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8

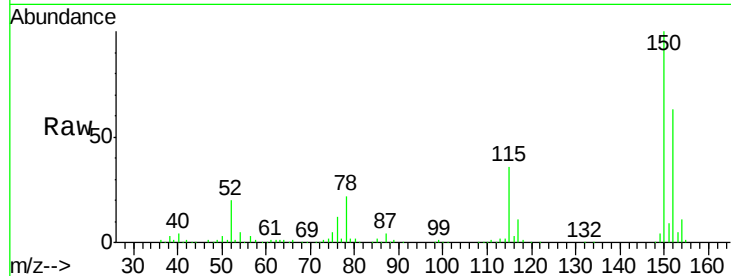
Tgt Ion:152 Resp: 172018

Ion Ratio Lower Upper

152 100

150 158.3 127.4 191.2

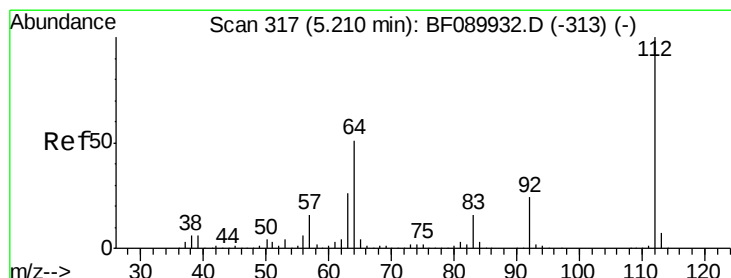
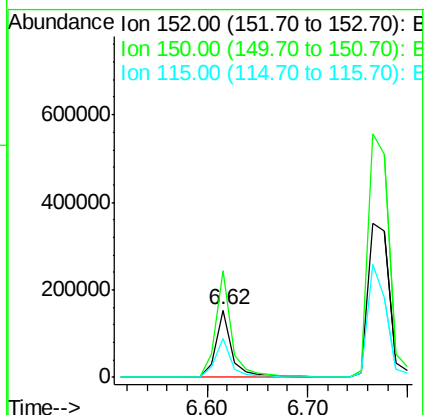
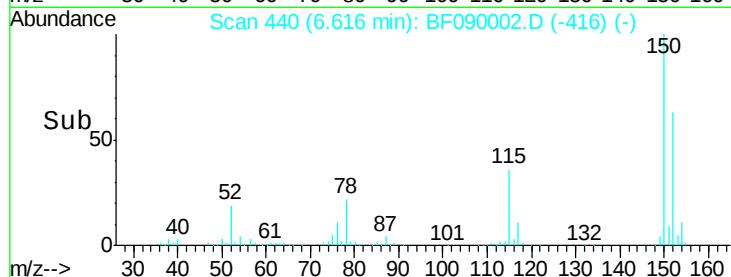
115 57.2 46.3 69.5



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: 111.39 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090002.D

Acq: 7 Sep 2016 13:55

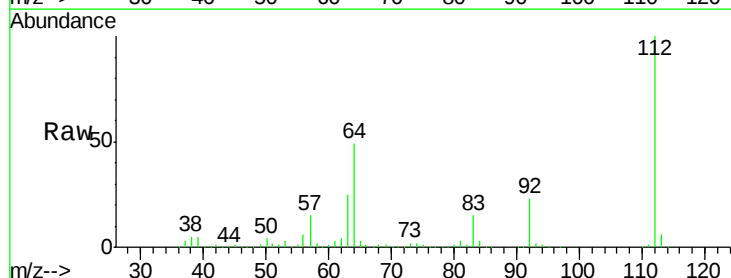
Tgt Ion:112 Resp: 1197126

Ion Ratio Lower Upper

112 100

64 49.4 41.1 61.7

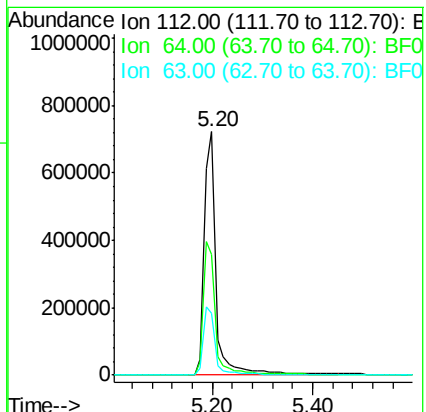
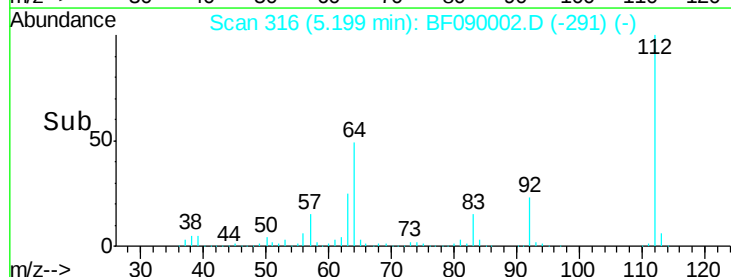
63 25.4 21.2 31.8

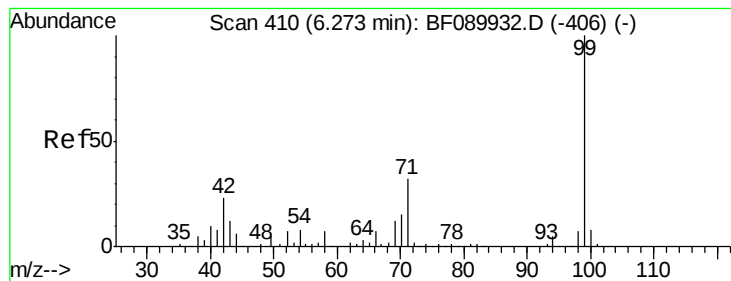


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.32 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090002.D

Acq: 7 Sep 2016 13:55

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8

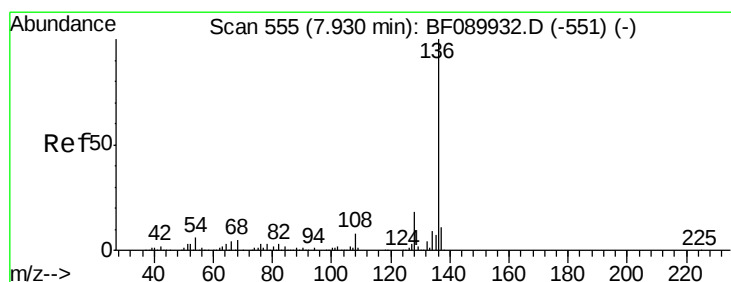
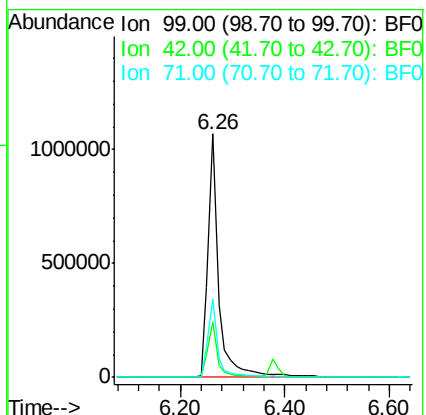
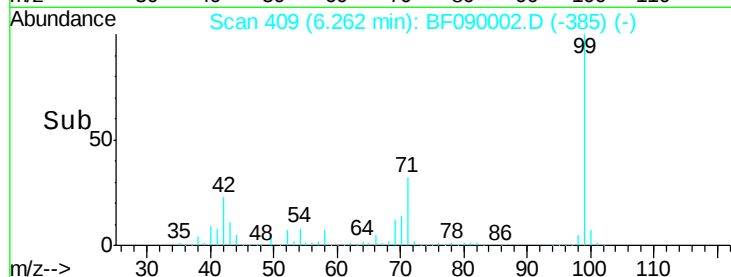
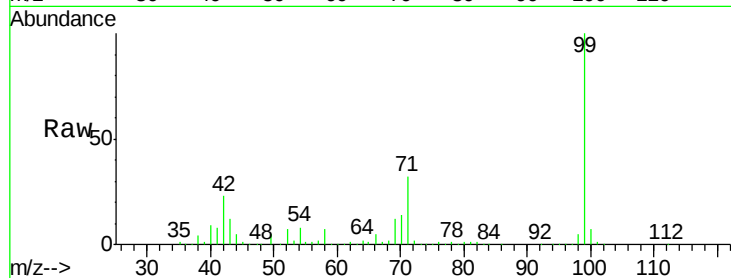
Tgt Ion: 99 Resp: 1531986

Ion Ratio Lower Upper

99 100

42 22.7 18.6 27.8

71 32.1 25.8 38.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.03 min

Lab File: BF090002.D

Acq: 7 Sep 2016 13:55

Tgt Ion: 136 Resp: 687617

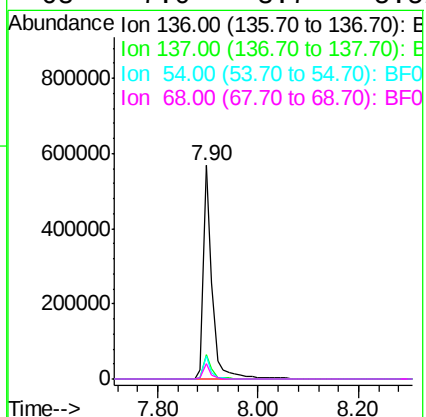
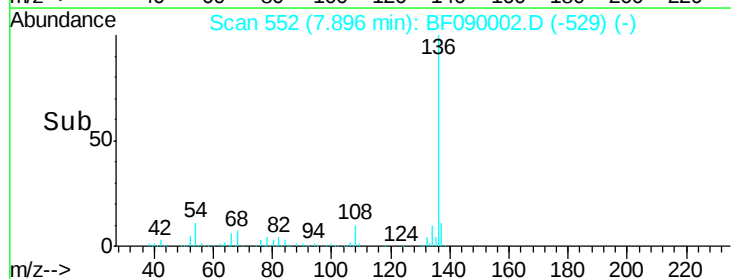
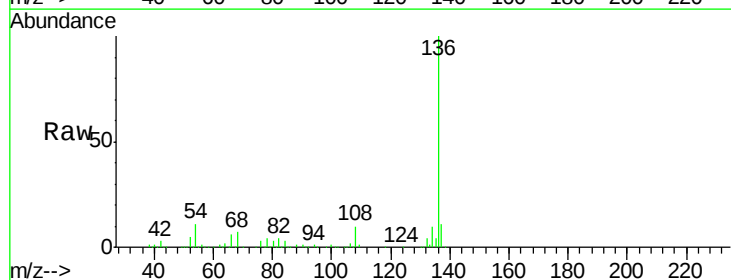
Ion Ratio Lower Upper

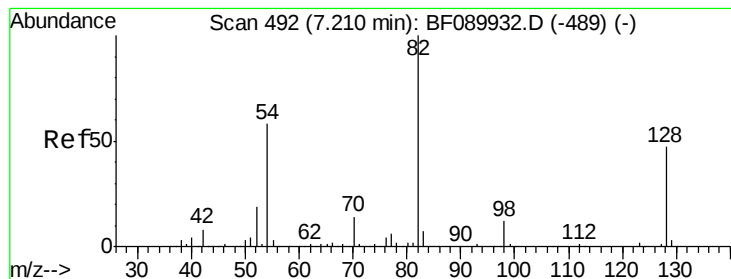
136 100

137 11.5 8.3 12.5

54 10.7 4.8 7.2#

68 7.0 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 77.04 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF090002.D

Acq: 7 Sep 2016 13:55

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8

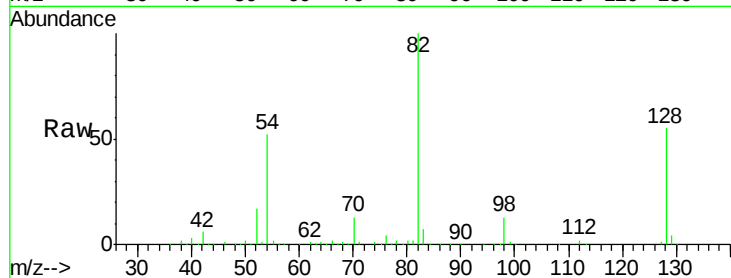
Tgt Ion: 82 Resp: 913393

Ion Ratio Lower Upper

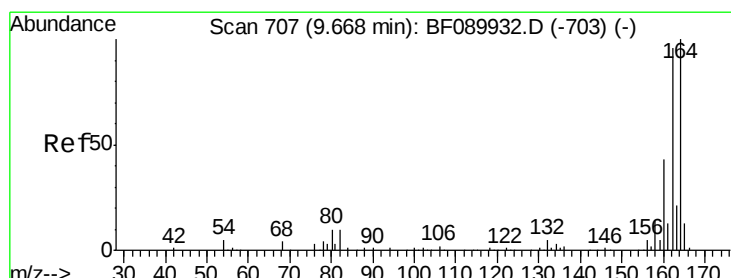
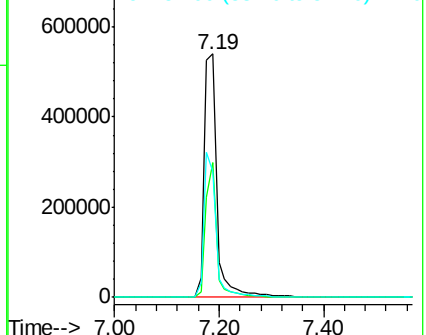
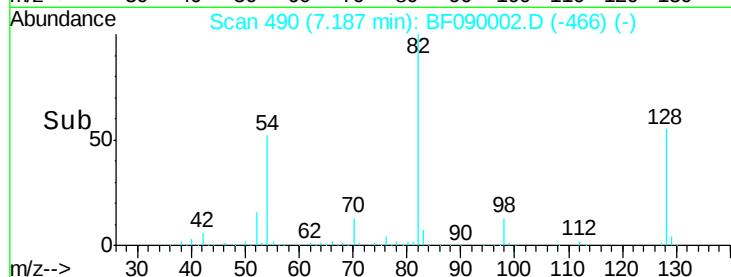
82 100

128 55.4 37.8 56.8

54 51.9 46.9 70.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF090002.D

Acq: 7 Sep 2016 13:55

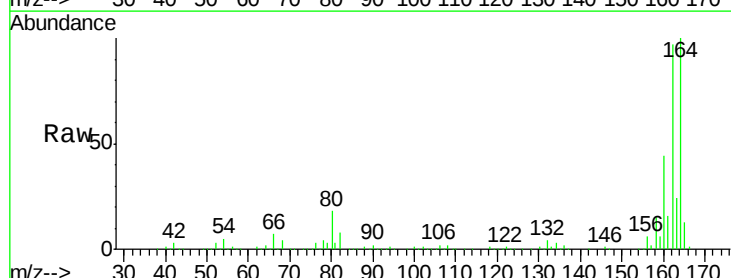
Tgt Ion: 164 Resp: 373768

Ion Ratio Lower Upper

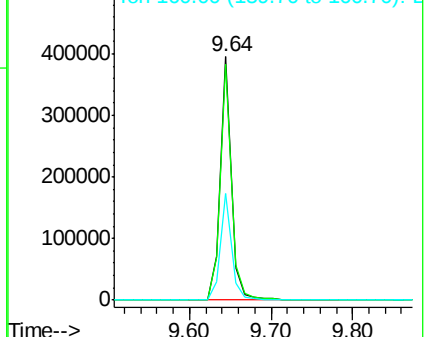
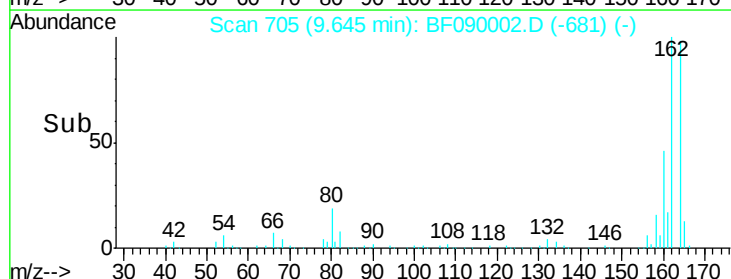
164 100

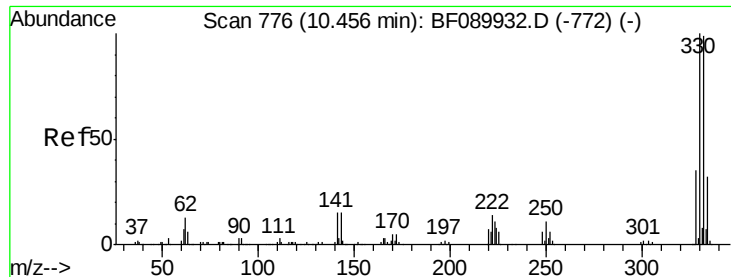
162 96.7 77.1 115.7

160 43.9 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

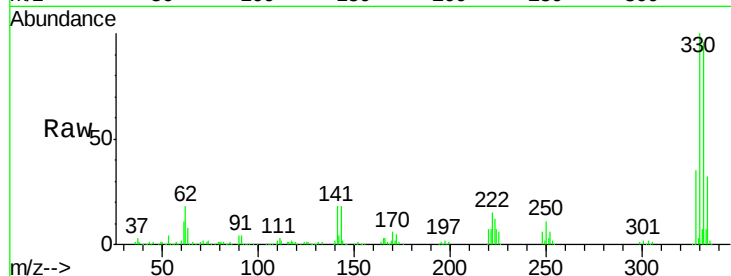




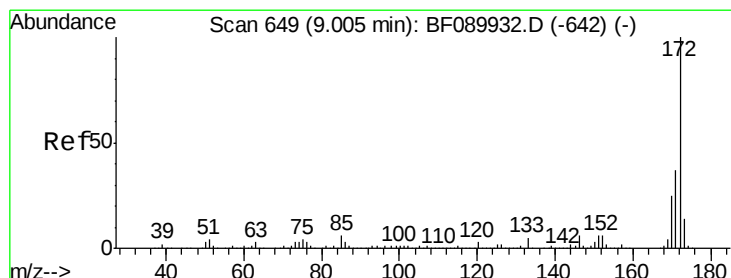
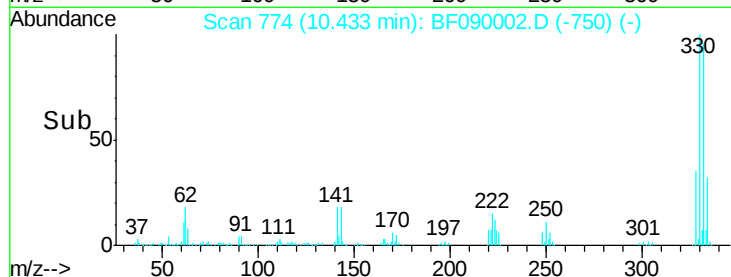
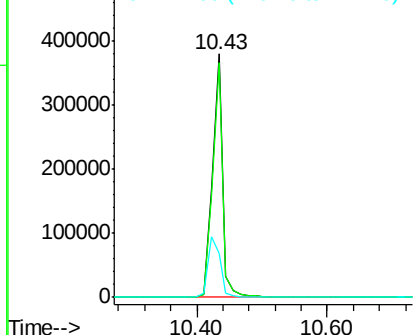
#41
 2,4,6-Tribromophenol
 Concen: 113.68 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090002.D
 Acq: 7 Sep 2016 13:55

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-8

Tgt Ion:330 Resp: 419189
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.6 117.8
 141 30.0 23.3 34.9

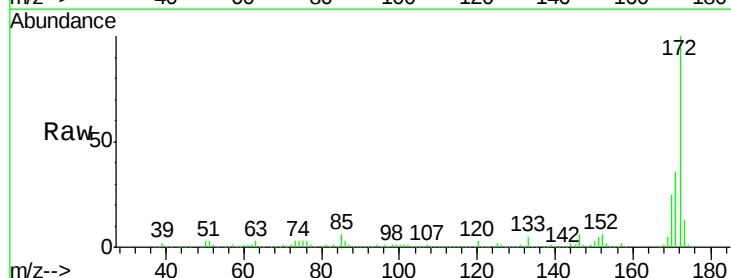


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

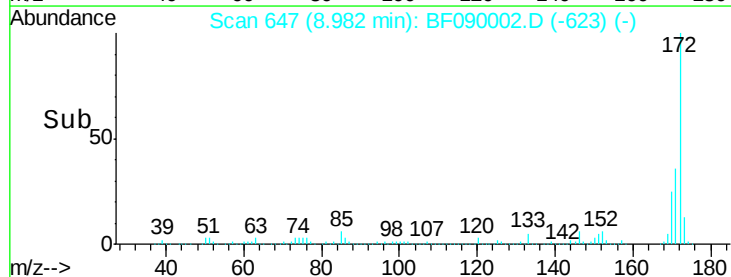
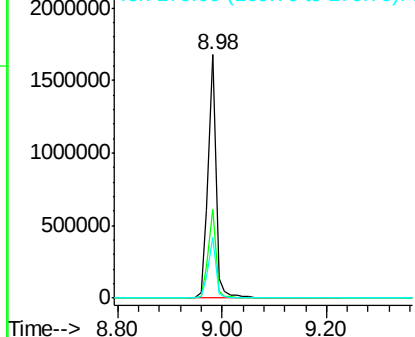


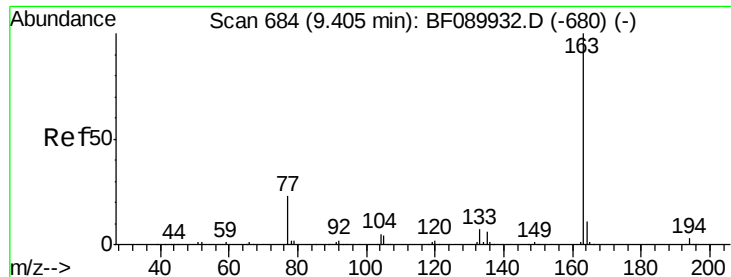
#44
 2-Fluorobiphenyl
 Concen: 77.95 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090002.D
 Acq: 7 Sep 2016 13:55

Tgt Ion:172 Resp: 1774780
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.7 20.1 30.1



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

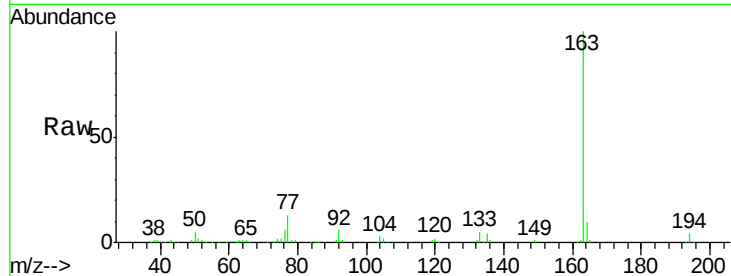




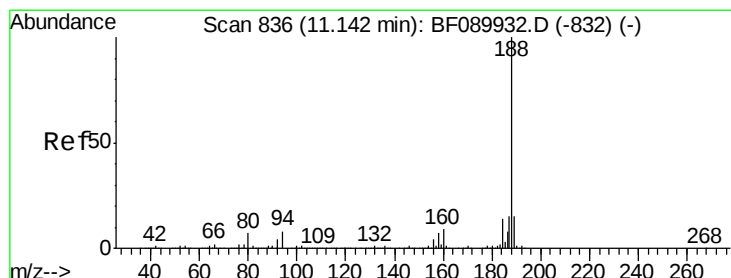
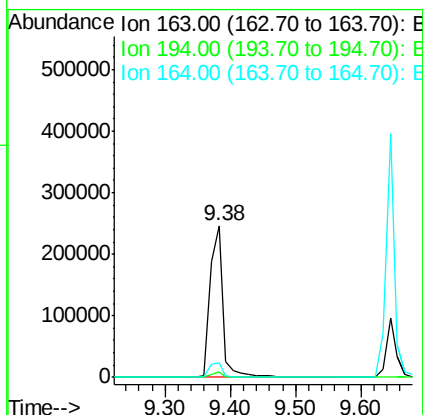
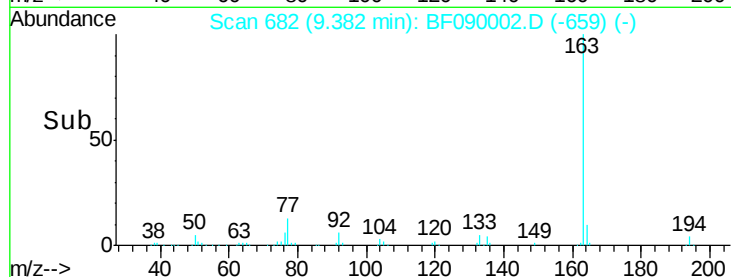
#49
Dimethylphthalate
Concen: 12.74 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090002.D
Acq: 7 Sep 2016 13:55

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8

Tgt Ion:163 Resp: 344231
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.9 9.0 13.4

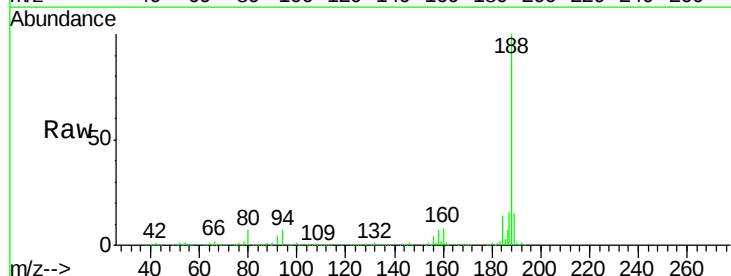


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

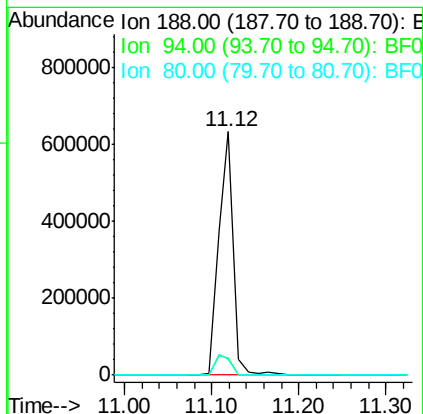
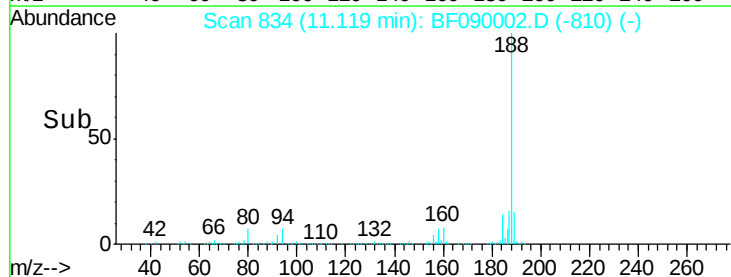


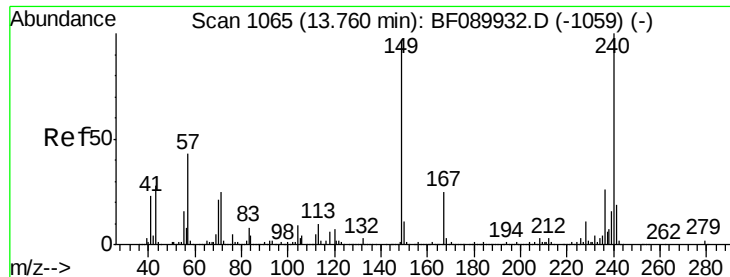
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090002.D
Acq: 7 Sep 2016 13:55

Tgt Ion:188 Resp: 745874
Ion Ratio Lower Upper
188 100
94 6.8 5.9 8.9
80 6.7 5.8 8.8



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: 13.73 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF090002.D

Acq: 7 Sep 2016 13:55

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-8

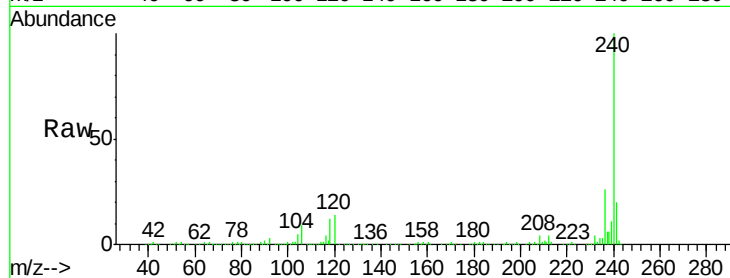
Tgt Ion:240 Resp: 581226

Ion Ratio Lower Upper

240 100

120 14.1 5.7 8.5#

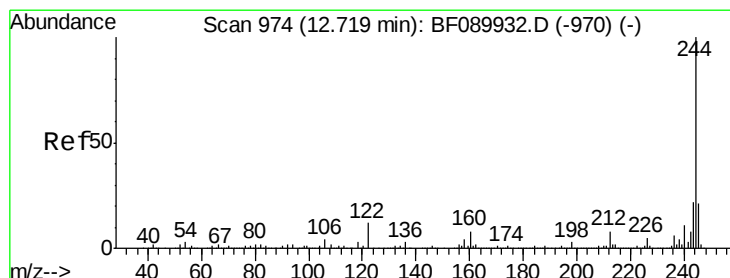
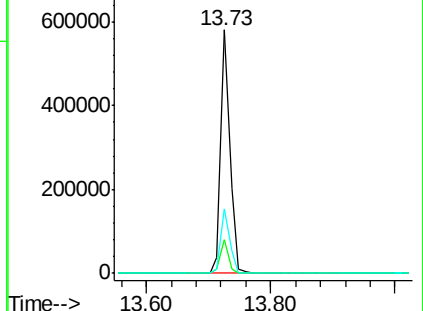
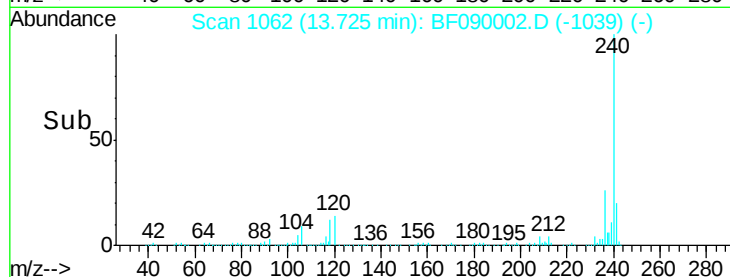
236 26.3 21.3 31.9



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: 72.78 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.03 min

Lab File: BF090002.D

Acq: 7 Sep 2016 13:55

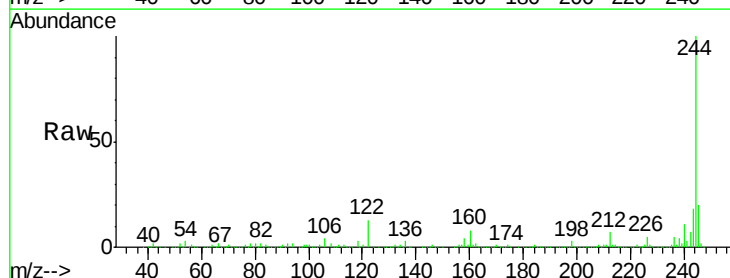
Tgt Ion:244 Resp: 1712489

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

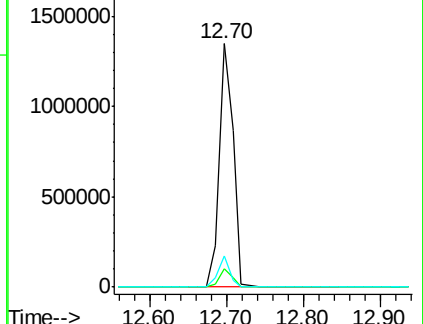
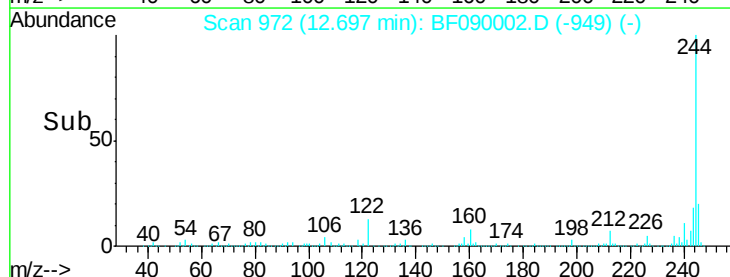
122 13.0 9.6 14.4

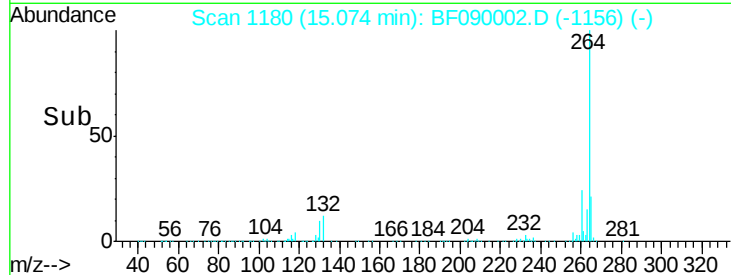
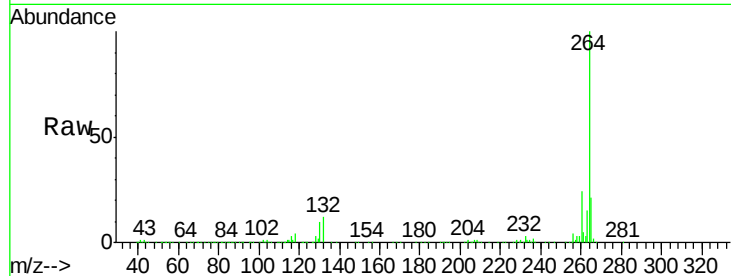
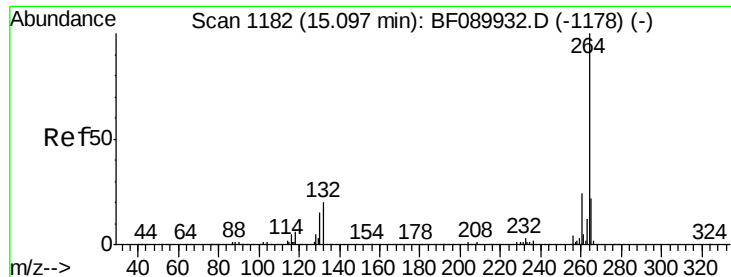


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.07 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF090002.D
Acq: 7 Sep 2016 13:55

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-8

Tgt Ion:	264	Resp:	441921
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.2	17.4	26.2

