

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090001.D
 Acq On : 7 Sep 2016 13:28
 Operator : UM/SJ
 Sample : H4676-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-7

Quant Time: Sep 07 15:17:15 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

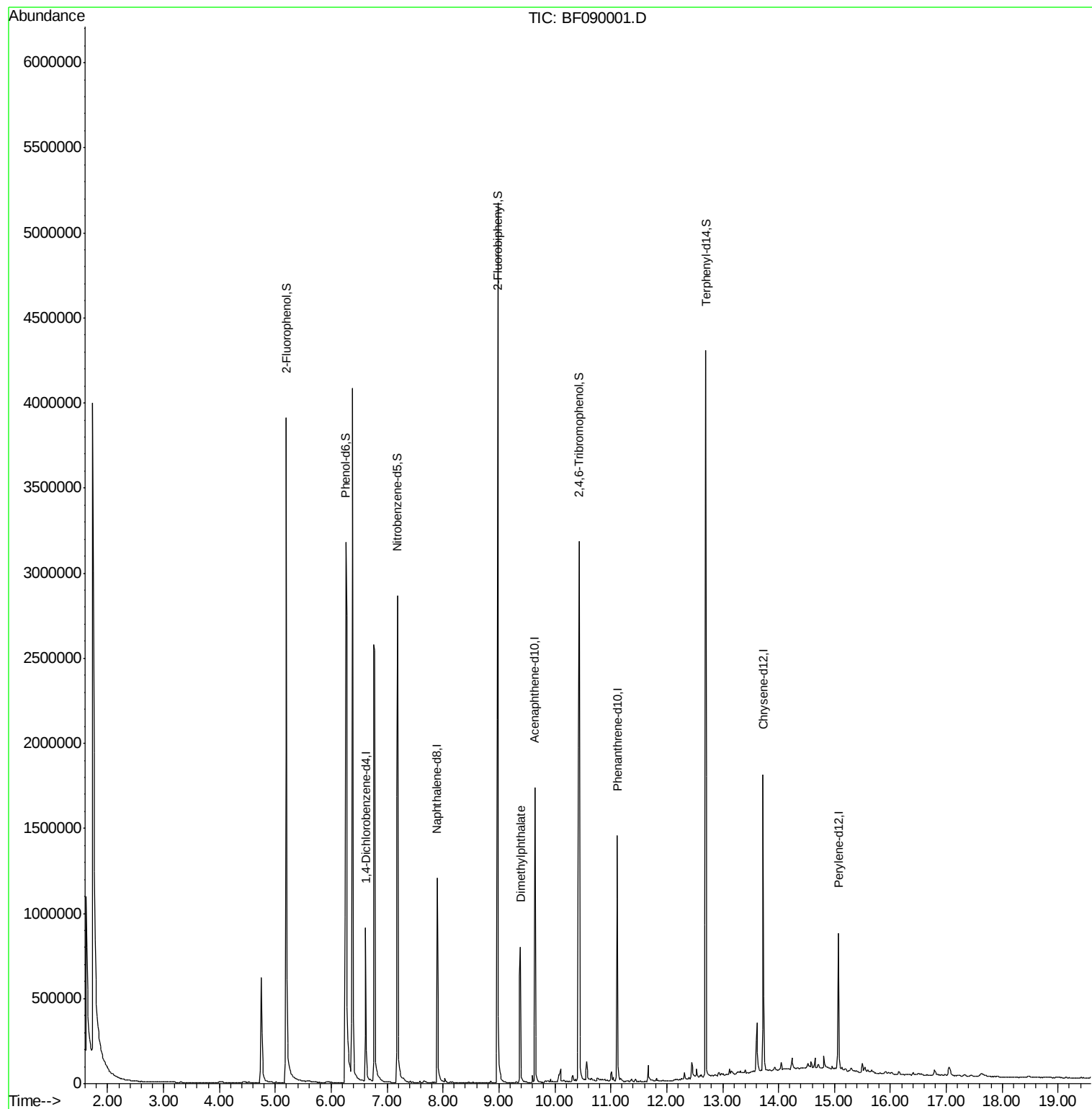
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	178089	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	706424	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	379311	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	759006	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	610164	20.00	ng	-0.03
86) Perylene-d12	15.07	264	458540	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1510101	135.73	ng	-0.01
7) Phenol-d6	6.26	99	2073537	153.38	ng	-0.02
23) Nitrobenzene-d5	7.19	82	1231430	101.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	508776	135.96	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1920374	83.11	ng	-0.02
78) Terphenyl-d14	12.70	244	1689008	68.38	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.38	163	536331	19.56	ng	Qvalue 97

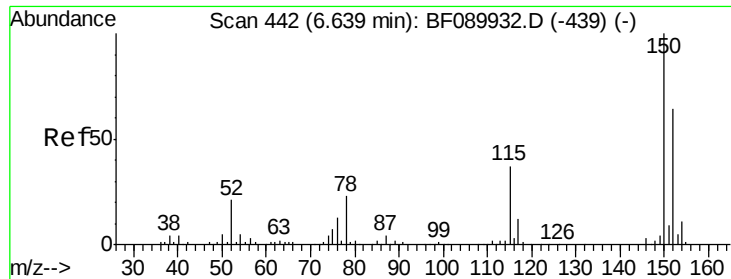
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090001.D

Acq: 7 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-7

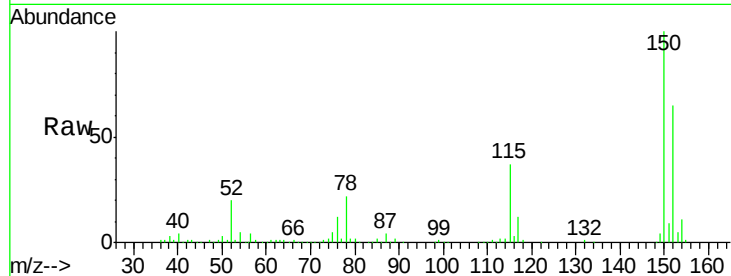
Tgt Ion:152 Resp: 178089

Ion Ratio Lower Upper

152 100

150 154.9 127.4 191.2

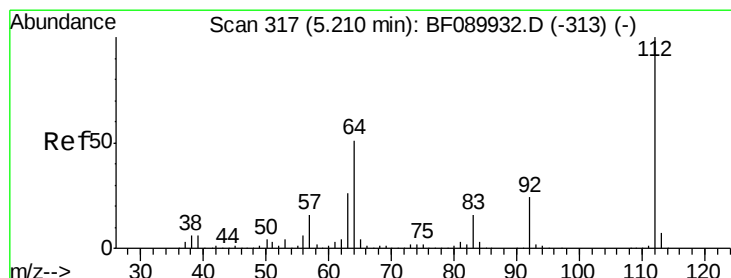
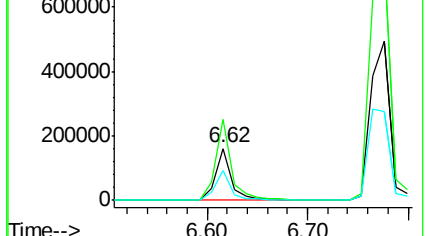
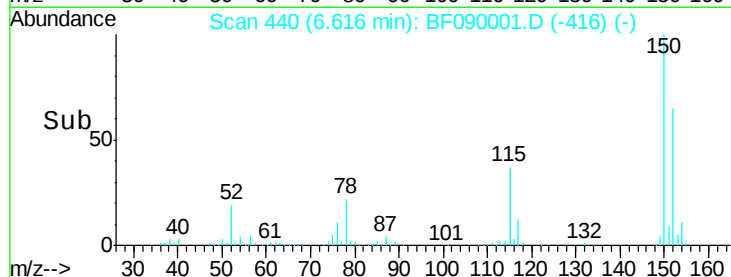
115 57.0 46.3 69.5



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: 135.73 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.01 min

Lab File: BF090001.D

Acq: 7 Sep 2016 13:28

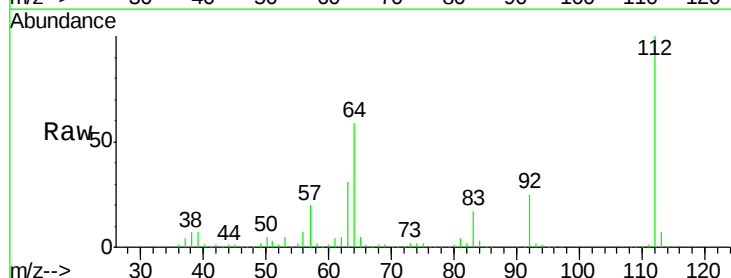
Tgt Ion:112 Resp: 1510101

Ion Ratio Lower Upper

112 100

64 59.4 41.1 61.7

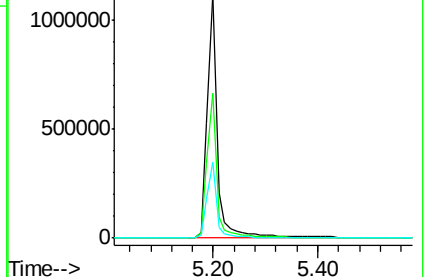
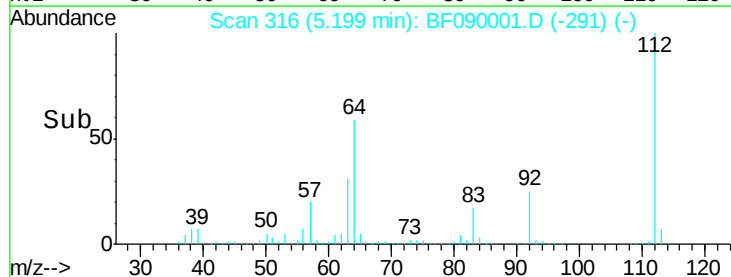
63 31.1 21.2 31.8

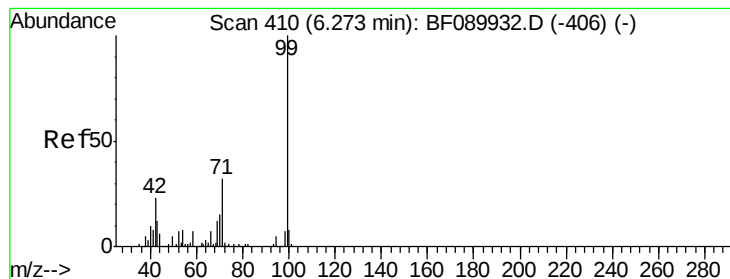


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.38 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090001.D

Acq: 7 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-7

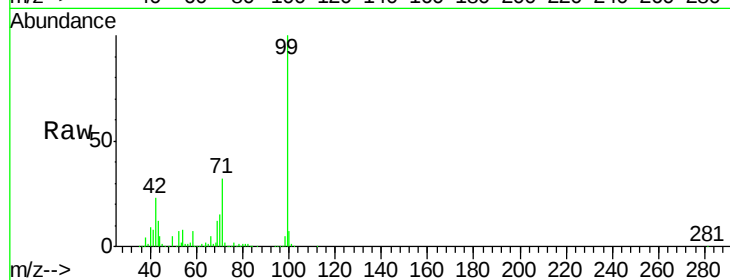
Tgt Ion: 99 Resp: 2073537

Ion Ratio Lower Upper

99 100

42 22.6 18.6 27.8

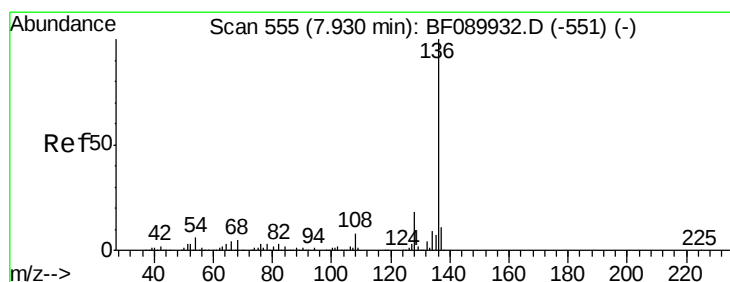
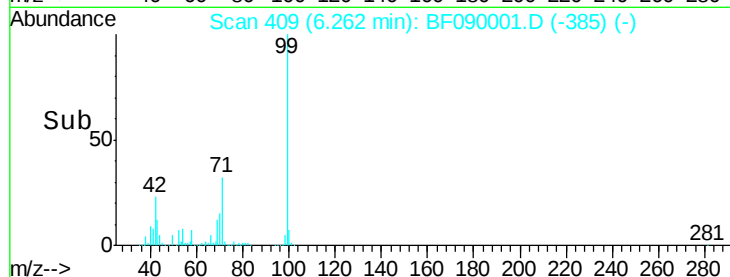
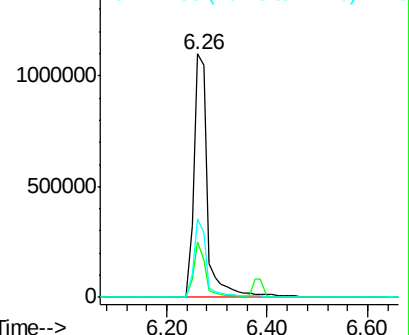
71 32.3 25.8 38.6



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: 7.90 min Scan# 552

Delta R.T. -0.03 min

Lab File: BF090001.D

Acq: 7 Sep 2016 13:28

Tgt Ion: 136 Resp: 706424

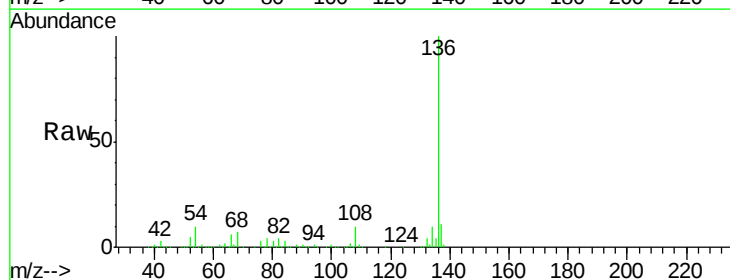
Ion Ratio Lower Upper

136 100

137 11.3 8.3 12.5

54 10.2 4.8 7.2#

68 6.9 3.7 5.5#

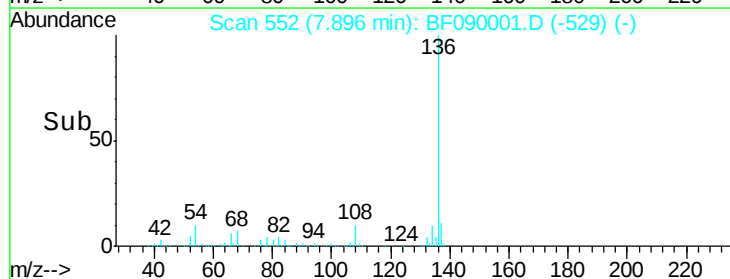
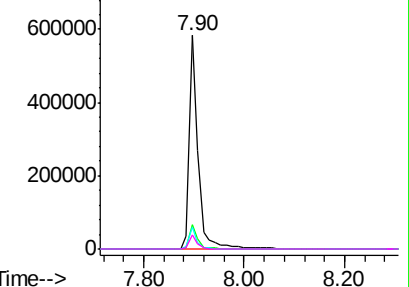


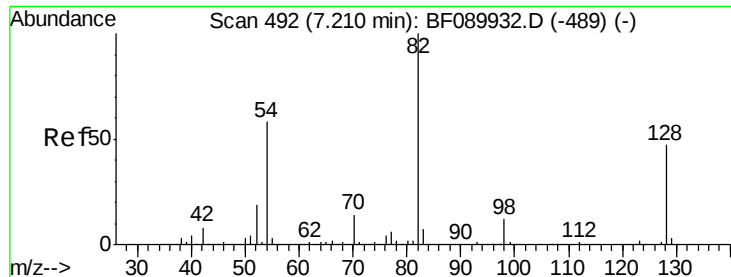
Abundance Ion 136.00 (135.70 to 136.70): E

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

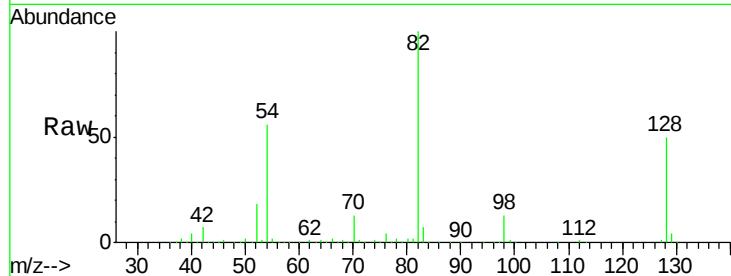




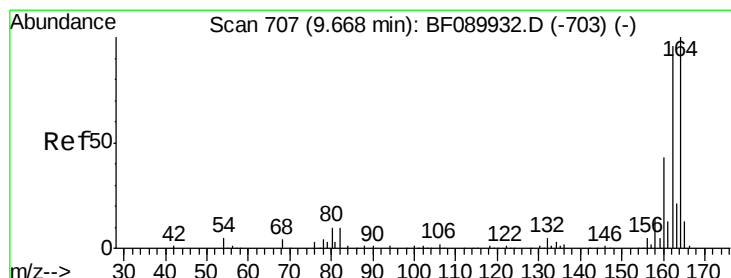
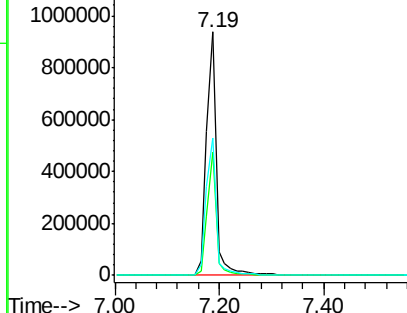
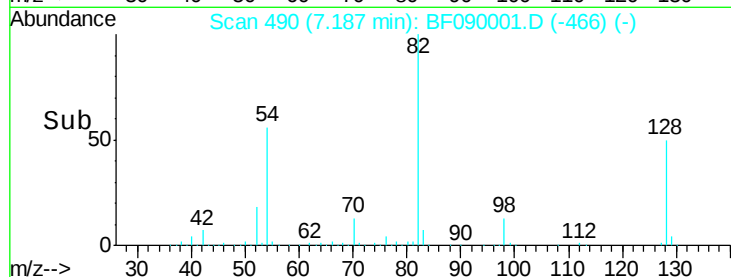
#23
 Nitrobenzene-d5
 Concen: 101.10 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF090001.D
 Acq: 7 Sep 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-7

Tgt Ion: 82 Resp: 1231430
 Ion Ratio Lower Upper
 82 100
 128 50.4 37.8 56.8
 54 56.4 46.9 70.3

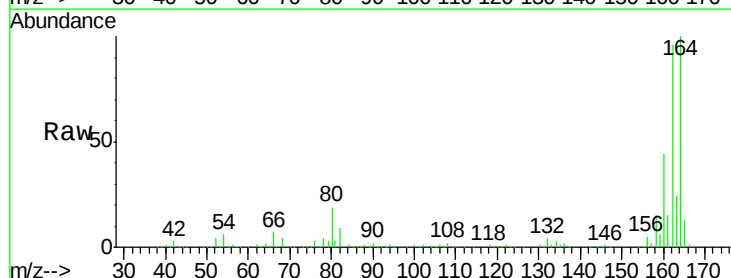


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

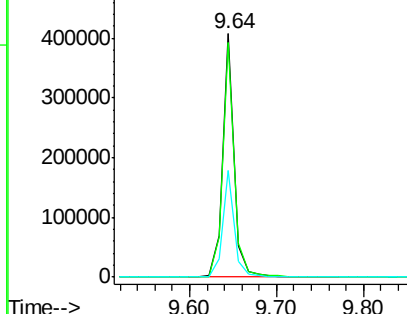
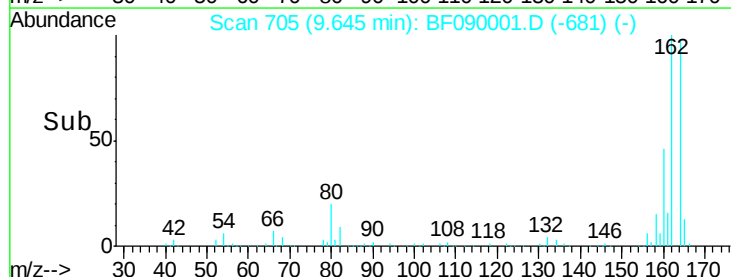


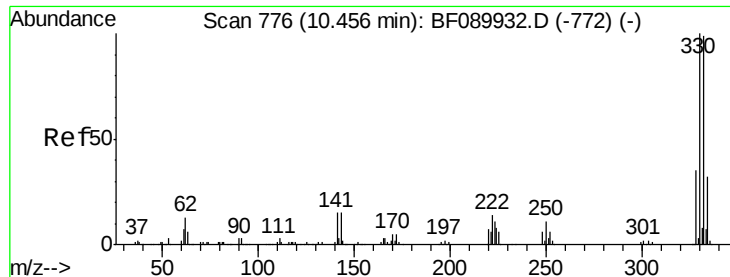
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF090001.D
 Acq: 7 Sep 2016 13:28

Tgt Ion: 164 Resp: 379311
 Ion Ratio Lower Upper
 164 100
 162 96.2 77.1 115.7
 160 43.6 35.3 52.9



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

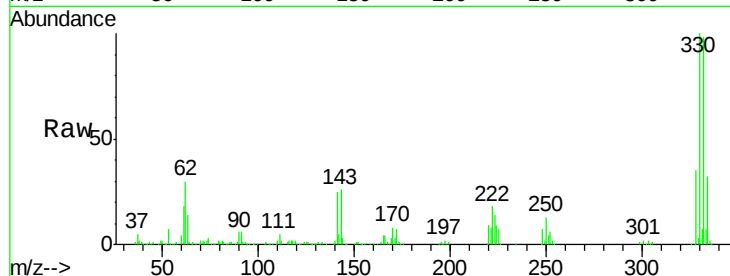




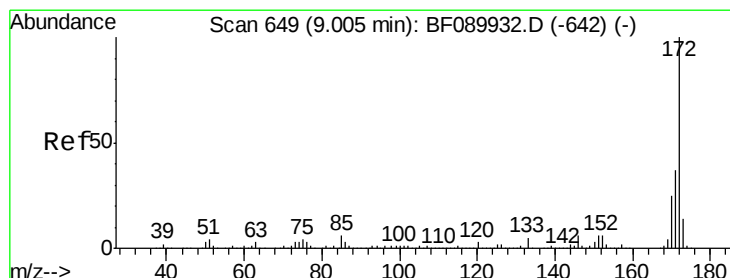
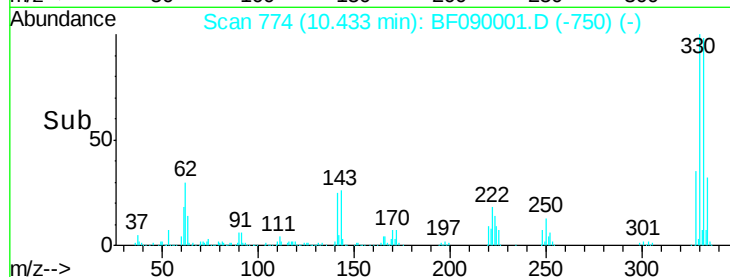
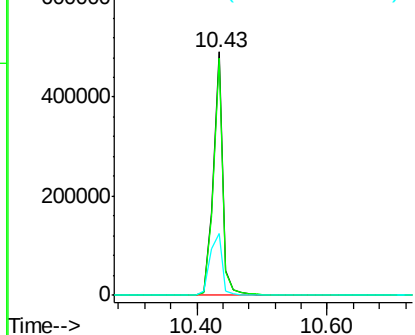
#41
 2,4,6-Tribromophenol
 Concen: 135.96 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090001.D
 Acq: 7 Sep 2016 13:28

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-7

Tgt Ion:330 Resp: 508776
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.6 117.8
 141 32.7 23.3 34.9

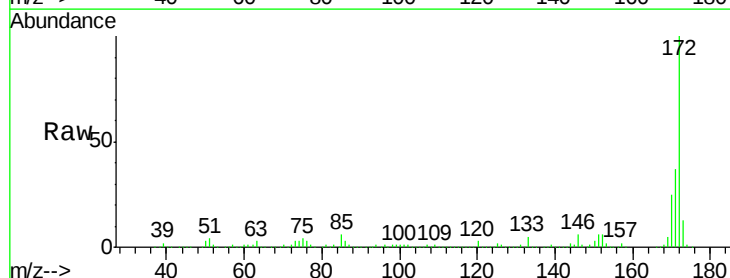


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

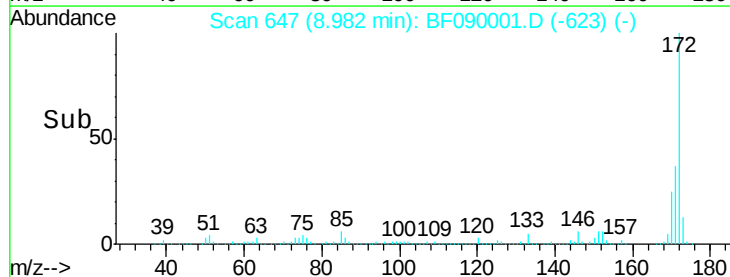
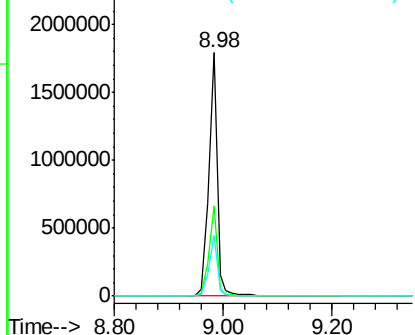


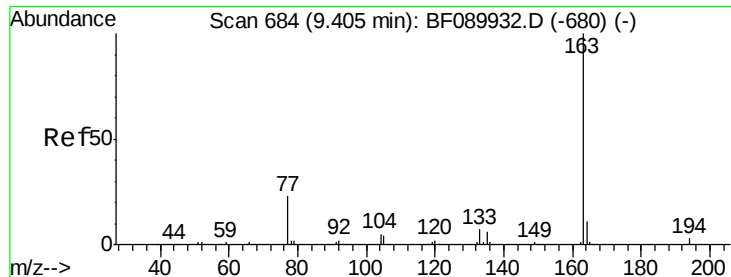
#44
 2-Fluorobiphenyl
 Concen: 83.11 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090001.D
 Acq: 7 Sep 2016 13:28

Tgt Ion:172 Resp: 1920374
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 25.1 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: 19.56 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF090001.D

Acq: 7 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-7

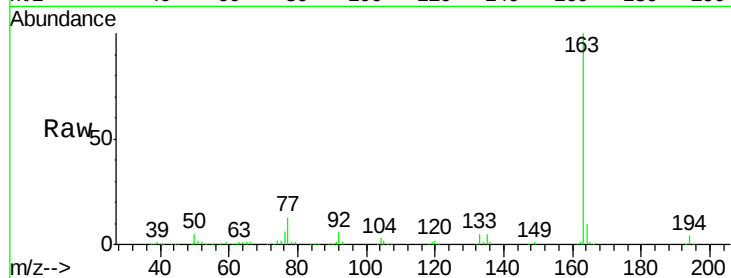
Tgt Ion:163 Resp: 536331

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

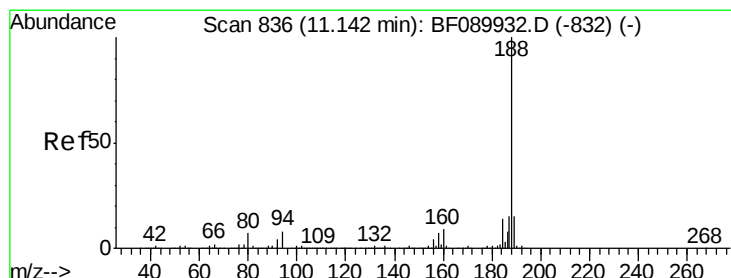
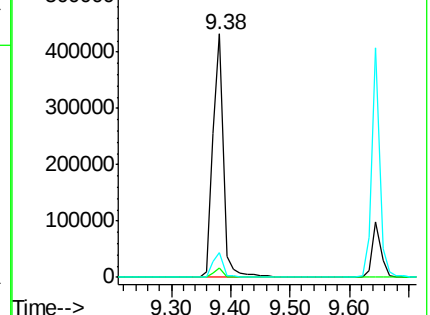
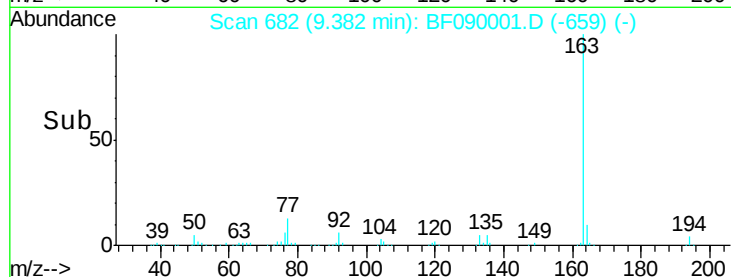
164 10.2 9.0 13.4



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: BF090001.D

Acq: 7 Sep 2016 13:28

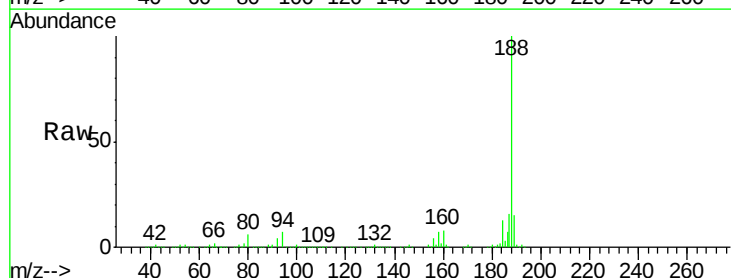
Tgt Ion:188 Resp: 759006

Ion Ratio Lower Upper

188 100

94 6.6 5.9 8.9

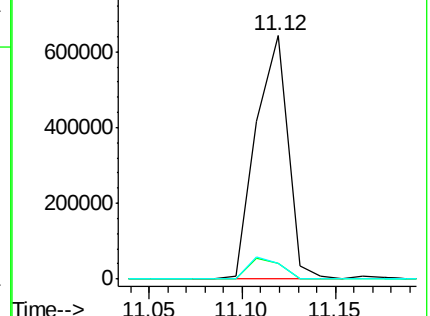
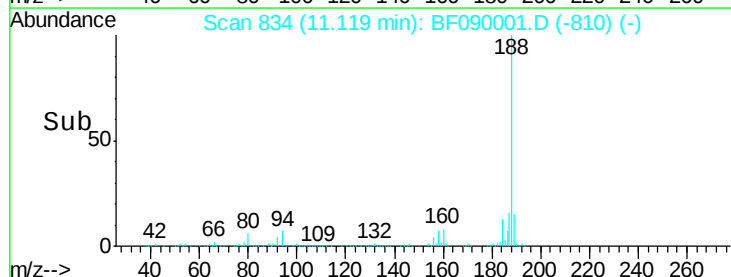
80 6.4 5.8 8.8

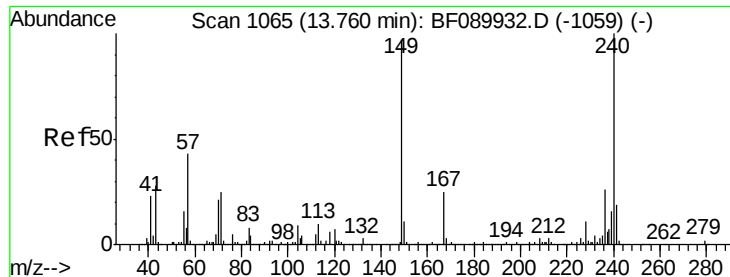


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF090001.D

Acq: 7 Sep 2016 13:28

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-7

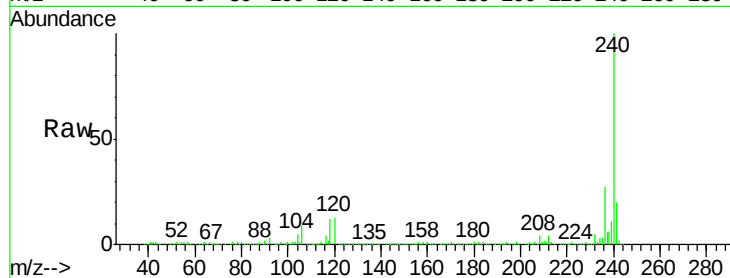
Tgt Ion:240 Resp: 610164

Ion Ratio Lower Upper

240 100

120 13.3 5.7 8.5#

236 27.0 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

13.73

800000

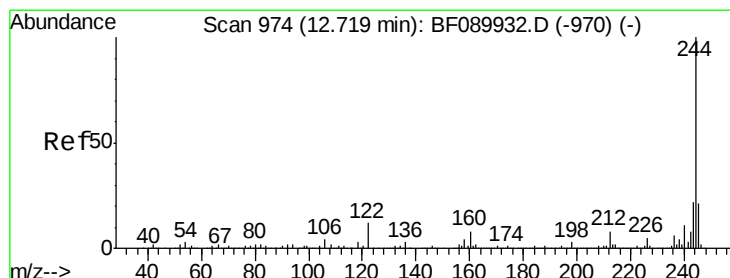
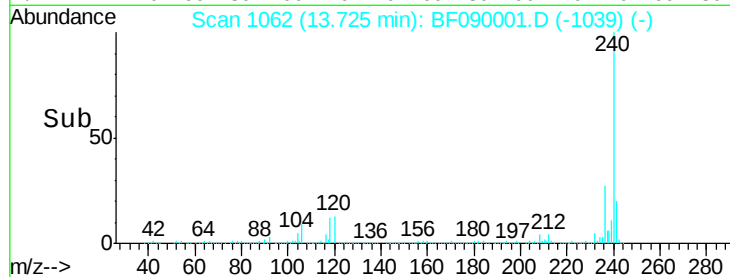
600000

400000

200000

0

Time-->



#78

Terphenyl-d14

Concen: 68.38 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.03 min

Lab File: BF090001.D

Acq: 7 Sep 2016 13:28

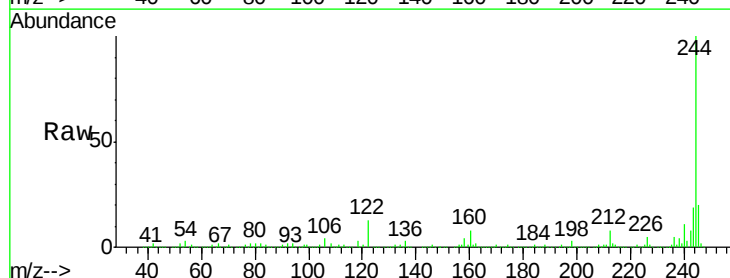
Tgt Ion:244 Resp: 1689008

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 12.7 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

12.70

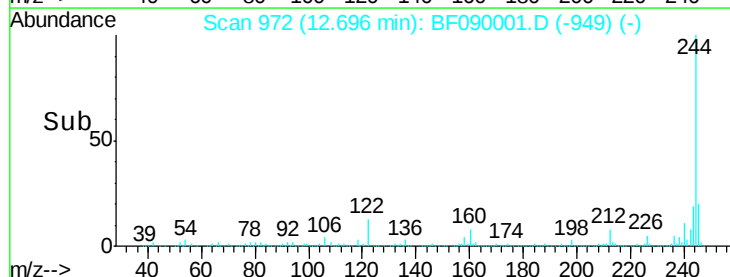
1500000

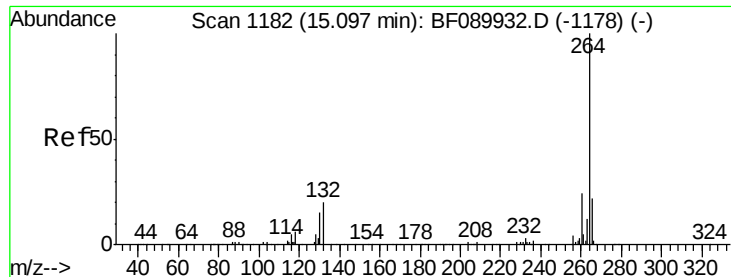
1000000

500000

0

Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF090001.D
Acq: 7 Sep 2016 13:28

Instrument :
BNA_F
ClientSampleId :
TEMP-AB(0-2)-7

Tgt Ion: 264 Resp: 458540
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.0
265 21.7 17.4 26.2

