

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089984.D
 Acq On : 2 Sep 2016 19:33
 Operator : UM/SJ
 Sample : H4675-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-1

Quant Time: Sep 02 23:11:50 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

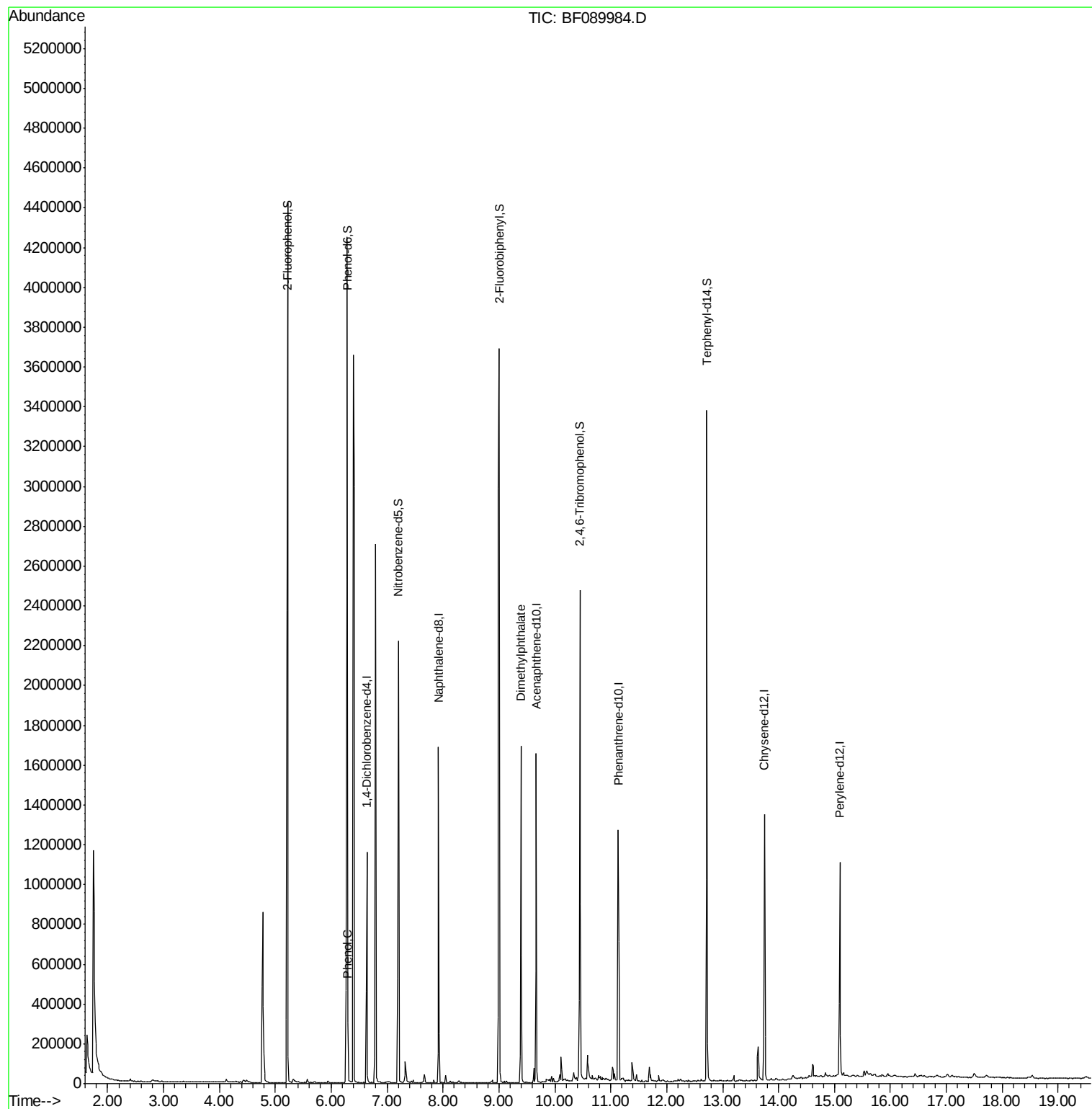
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	190352	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	713061	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	353381	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	578210	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	442796	20.00	ng	-0.01
86) Perylene-d12	15.10	264	432924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1396057	117.39	ng	0.01
7) Phenol-d6	6.28	99	1702691	117.83	ng	0.00
23) Nitrobenzene-d5	7.20	82	1106317	89.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	344302	98.76	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1711565	79.51	ng	0.00
78) Terphenyl-d14	12.72	244	1085066	60.53	ng	-0.01
Target Compounds						
10) Phenol	6.30	94	67158	4.00	ng	Qvalue # 57
49) Dimethylphthalate	9.39	163	792774	31.04	ng	99

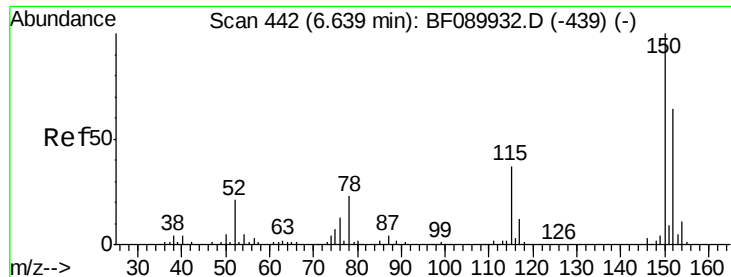
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 13:29:08 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-1

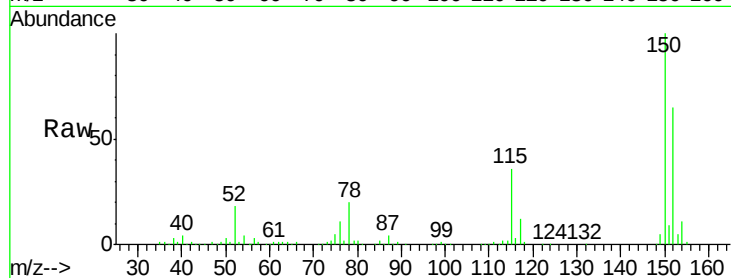
Tgt Ion:152 Resp: 190352

Ion Ratio Lower Upper

152 100

150 153.7 127.4 191.2

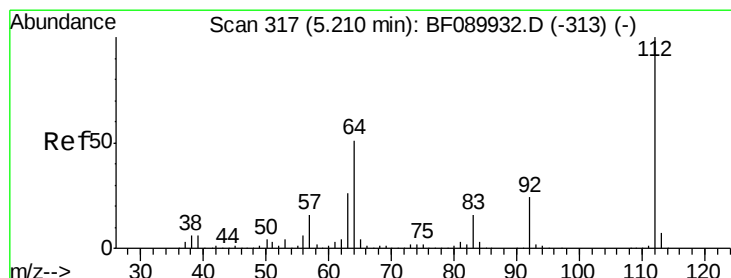
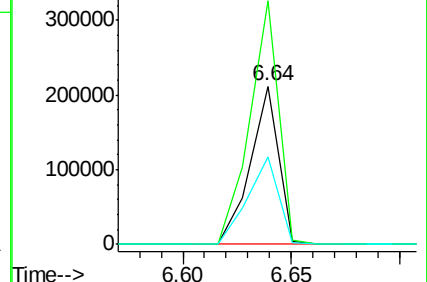
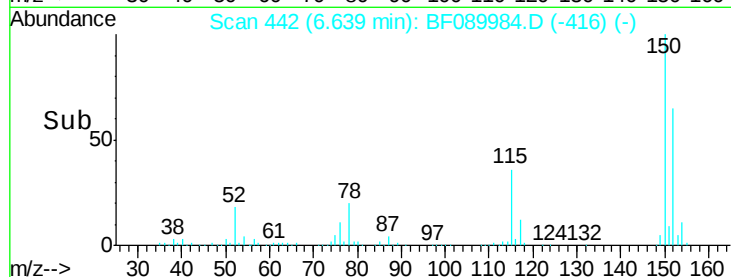
115 54.9 46.3 69.5



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: 117.39 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

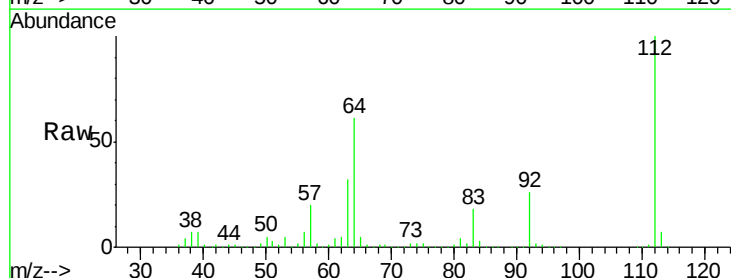
Tgt Ion:112 Resp: 1396057

Ion Ratio Lower Upper

112 100

64 61.0 41.1 61.7

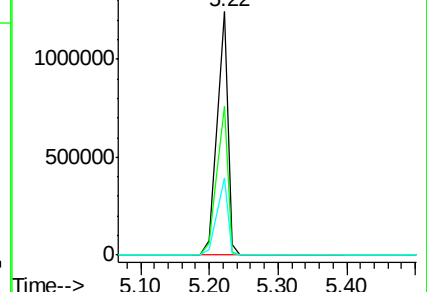
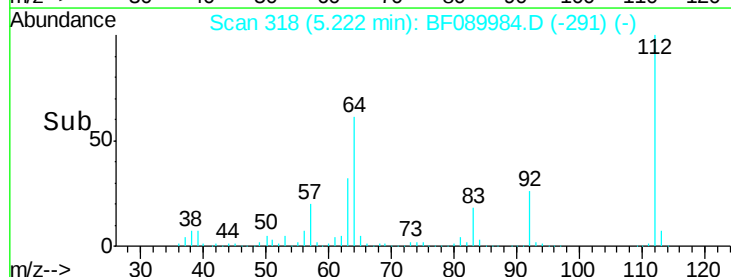
63 31.7 21.2 31.8



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: 117.83 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-1

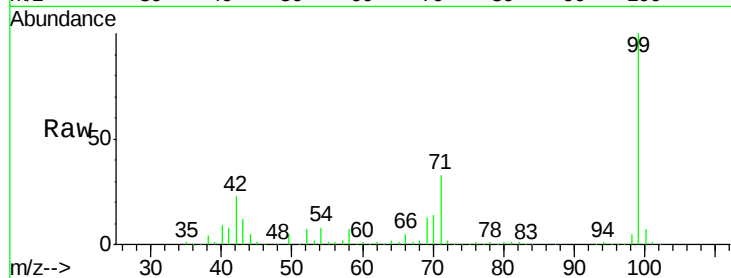
Tgt Ion: 99 Resp: 1702691

Ion Ratio Lower Upper

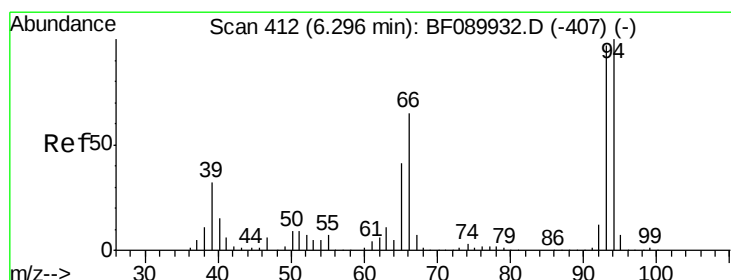
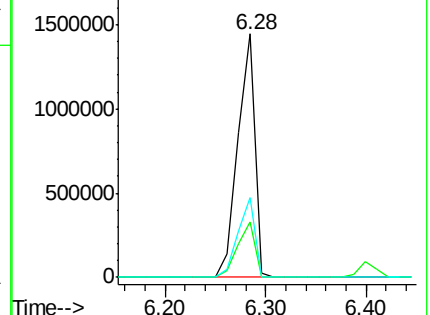
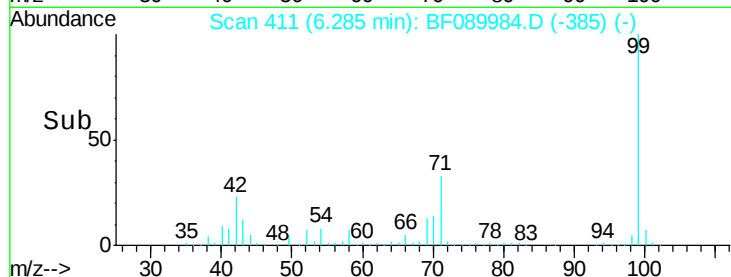
99 100

42 22.8 18.6 27.8

71 33.0 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



#10

Phenol

Concen: 4.00 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

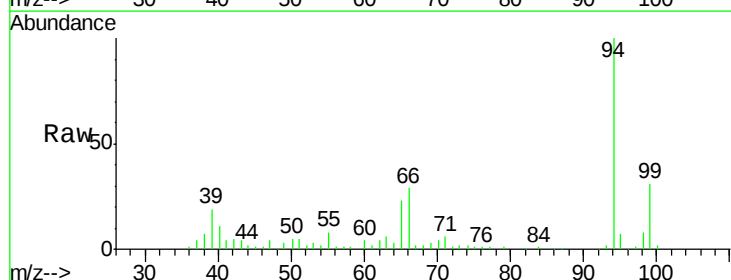
Tgt Ion: 94 Resp: 67158

Ion Ratio Lower Upper

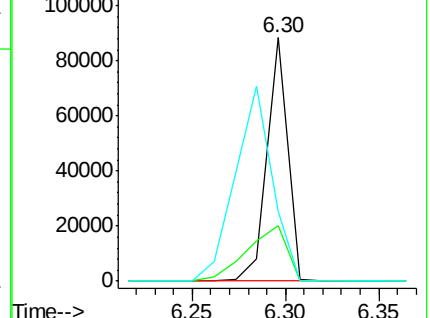
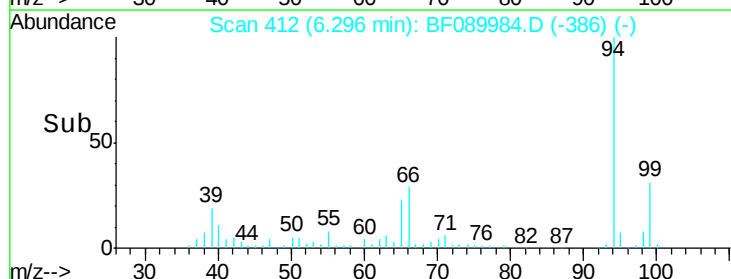
94 100

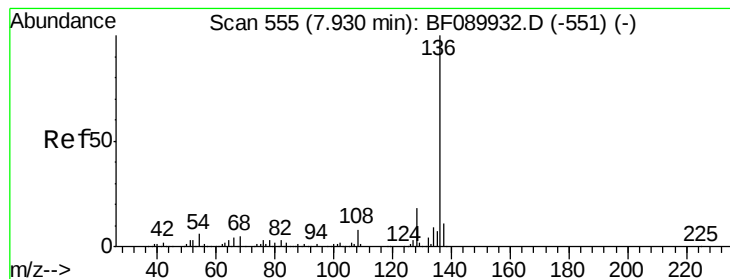
65 23.0 23.2 63.2#

66 28.7 49.2 89.2#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-1

Tgt Ion:136 Resp: 713061

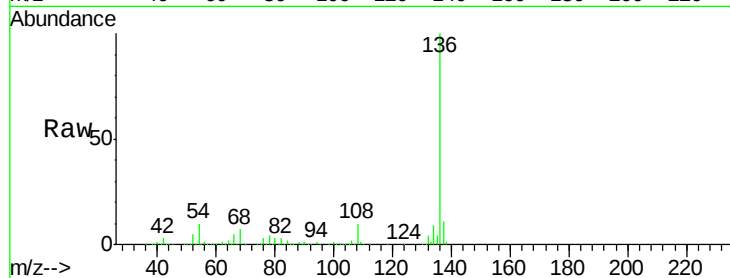
Ion Ratio Lower Upper

136 100

137 11.1 8.3 12.5

54 10.0 4.8 7.2#

68 6.7 3.7 5.5#

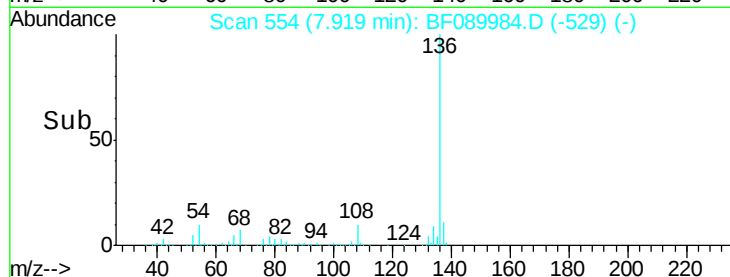


Abundance Ion 136.00 (135.70 to 136.70): E

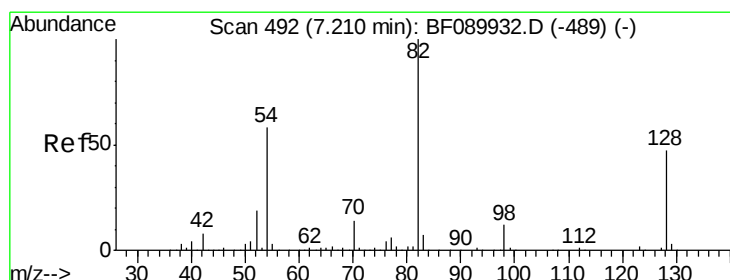
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 89.98 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

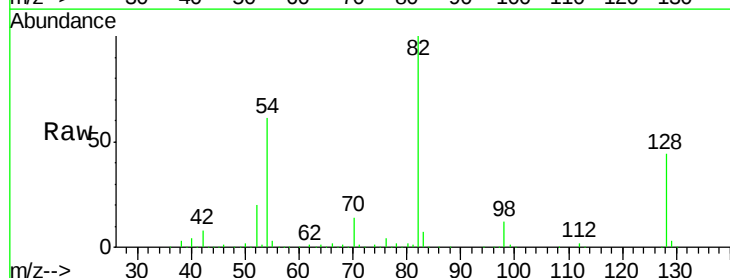
Tgt Ion: 82 Resp: 1106317

Ion Ratio Lower Upper

82 100

128 44.3 37.8 56.8

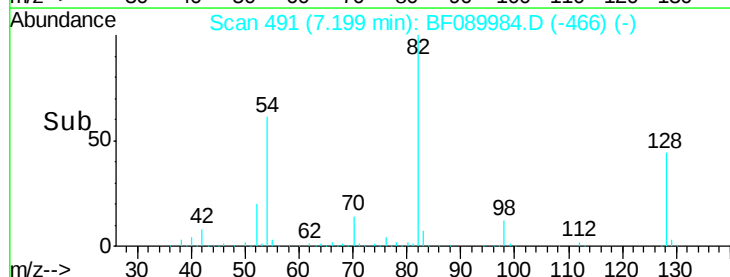
54 61.4 46.9 70.3



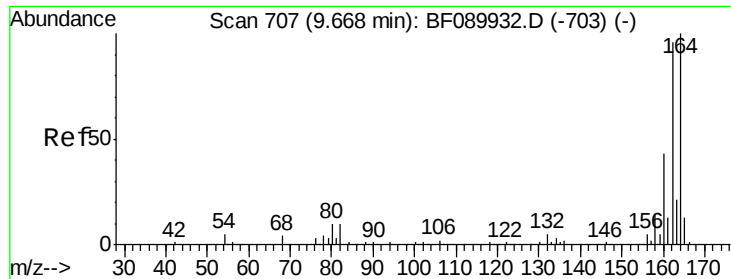
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



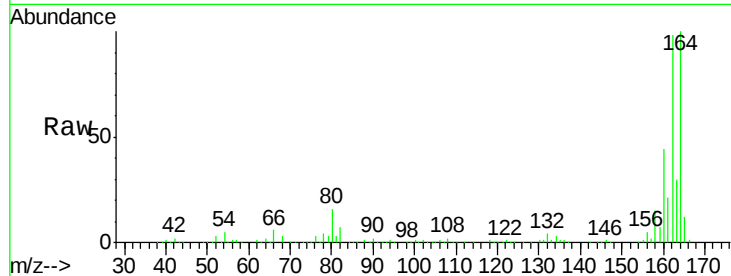
Time-->



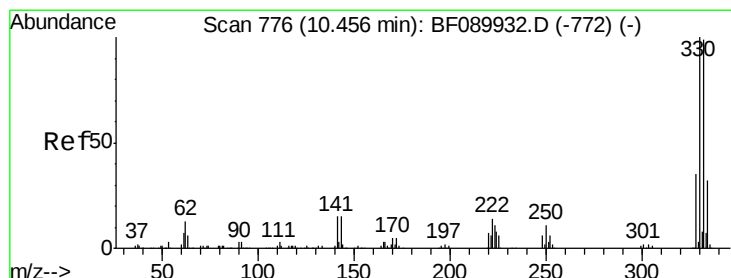
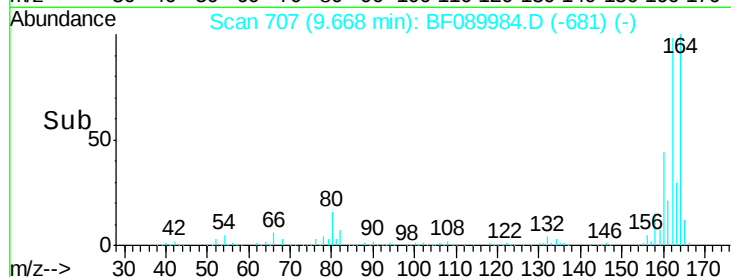
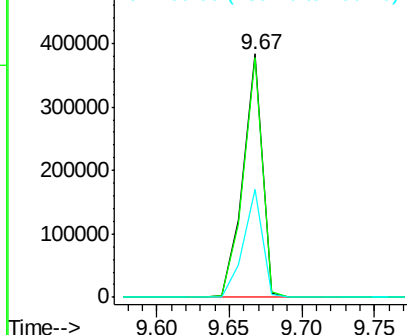
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-1

Tgt Ion:164 Resp: 353381
 Ion Ratio Lower Upper
 164 100
 162 98.4 77.1 115.7
 160 44.5 35.3 52.9

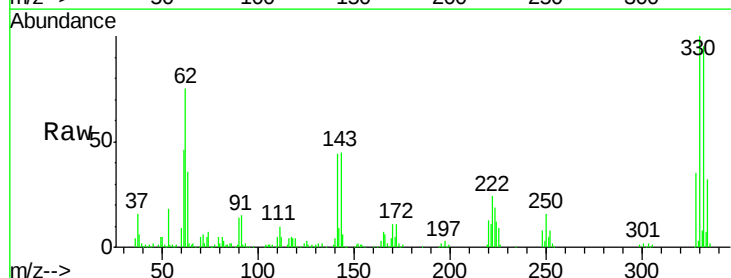


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

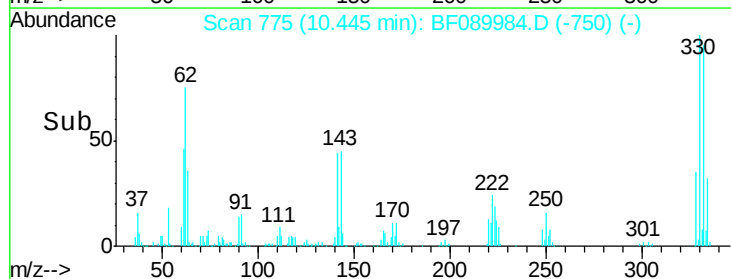
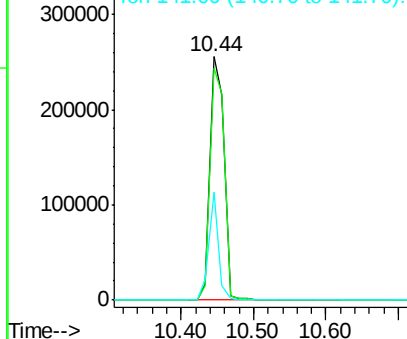


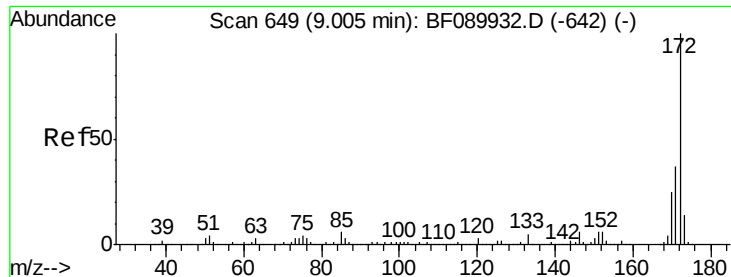
#41
 2,4,6-Tribromophenol
 Concen: 98.76 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

Tgt Ion:330 Resp: 344302
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.6 117.8
 141 30.7 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

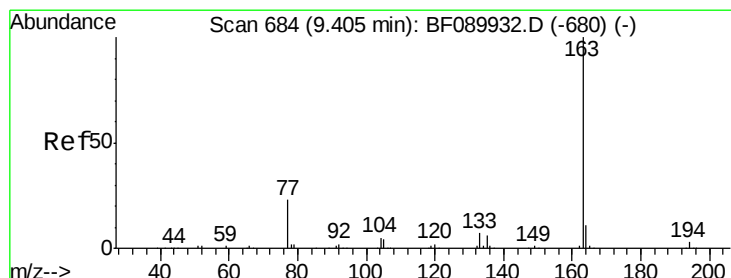
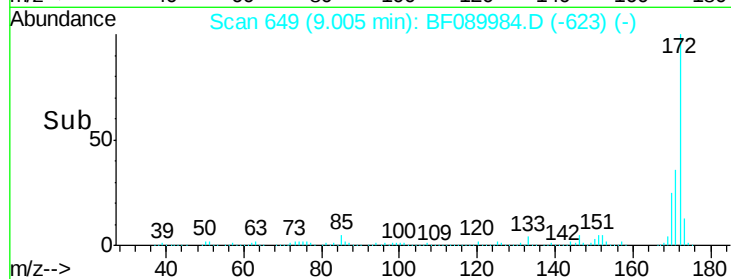
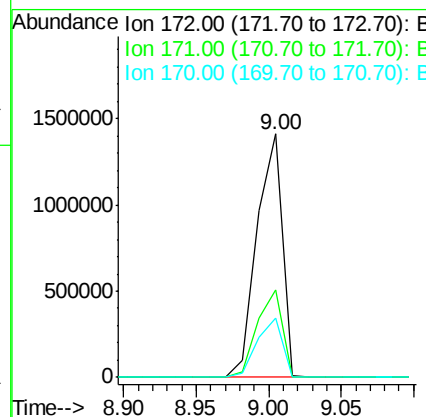
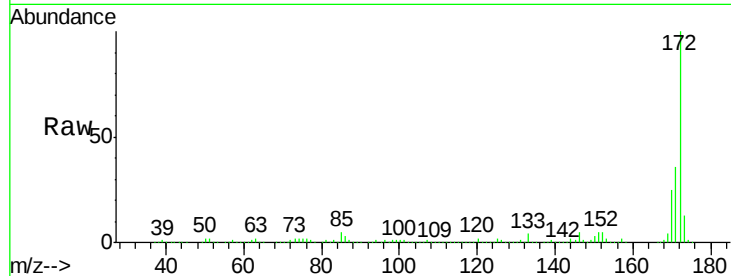




#44
 2-Fluorobiphenyl
 Concen: 79.51 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

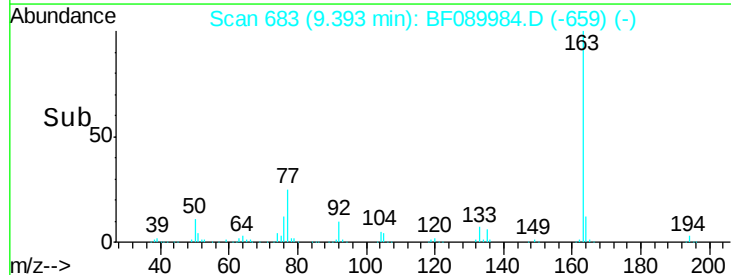
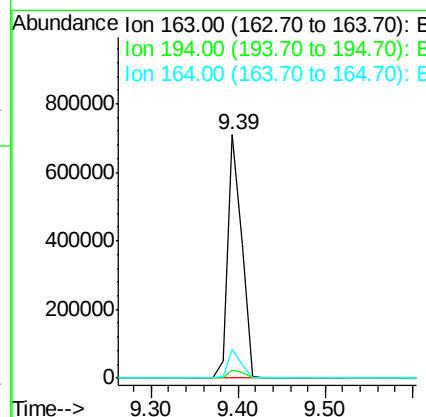
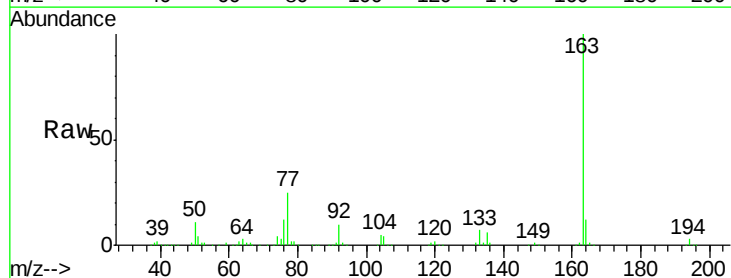
Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-1

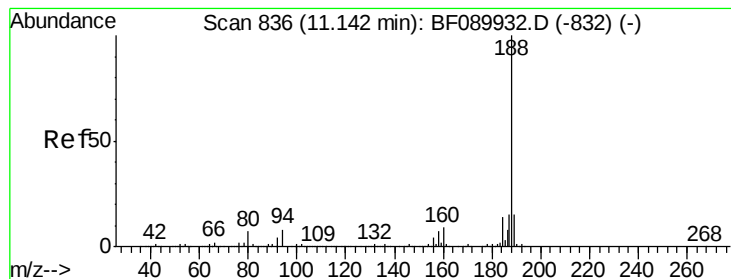
Tgt Ion:172 Resp: 1711565
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.6 20.1 30.1



#49
 Dimethylphthalate
 Concen: 31.04 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

Tgt Ion:163 Resp: 792774
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.7 4.1
 164 11.5 9.0 13.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

Instrument :

BNA_F

ClientSampleId :

TEMP-AB(0-2)-1

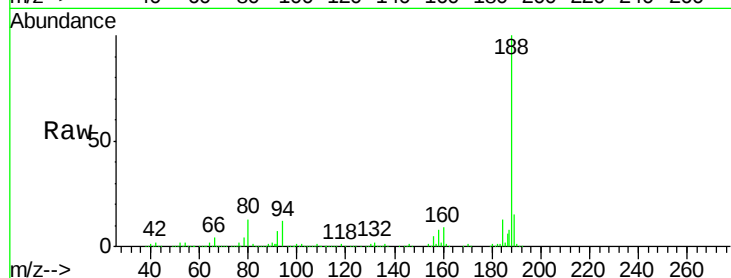
Tgt Ion:188 Resp: 578210

Ion Ratio Lower Upper

188 100

94 12.3 5.9 8.9#

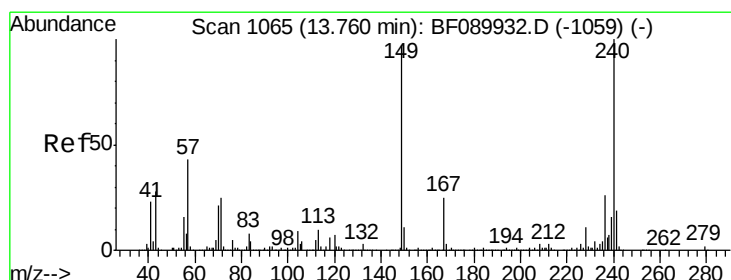
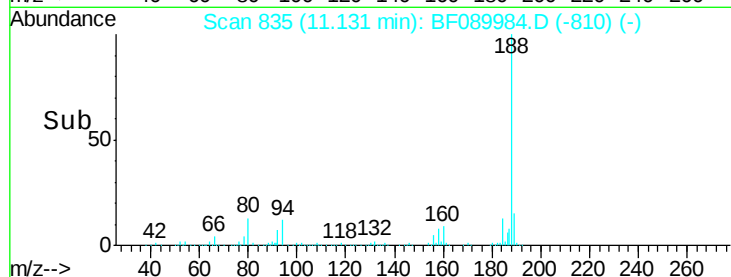
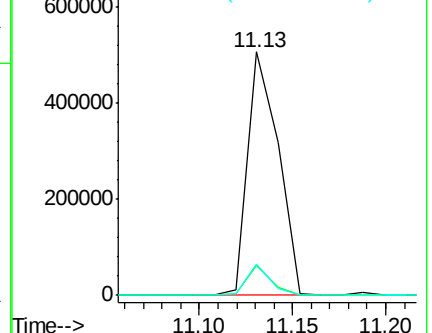
80 12.9 5.8 8.8#



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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089984.D

Acq: 2 Sep 2016 19:33

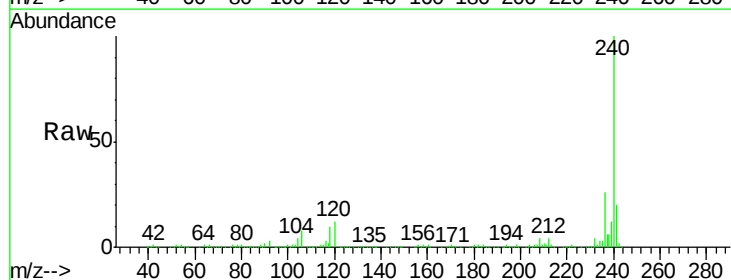
Tgt Ion:240 Resp: 442796

Ion Ratio Lower Upper

240 100

120 12.0 5.7 8.5#

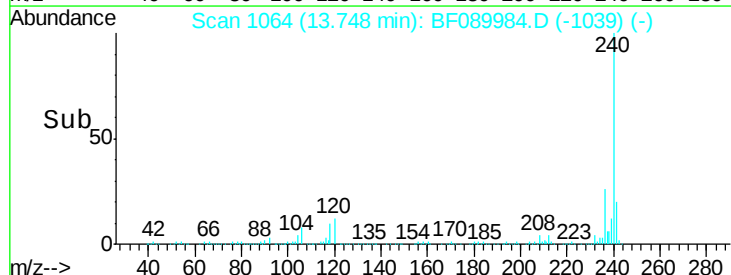
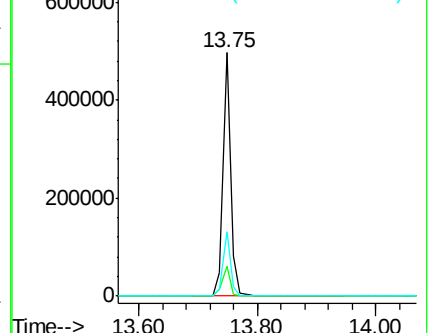
236 26.4 21.3 31.9

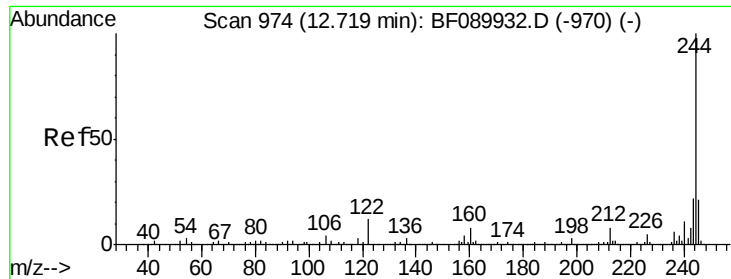


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

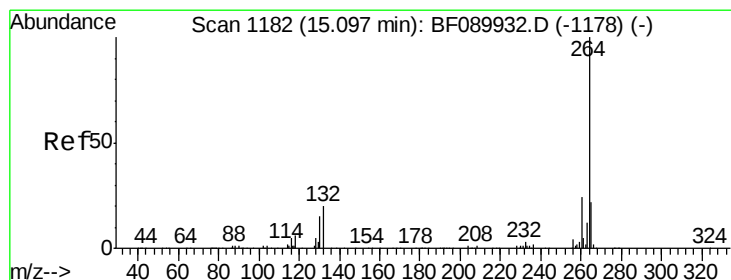
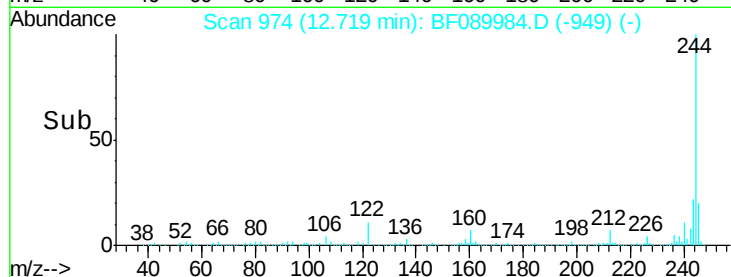
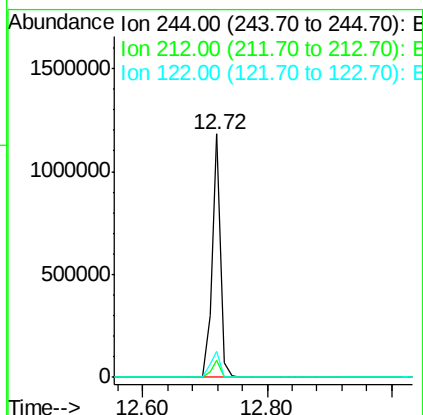
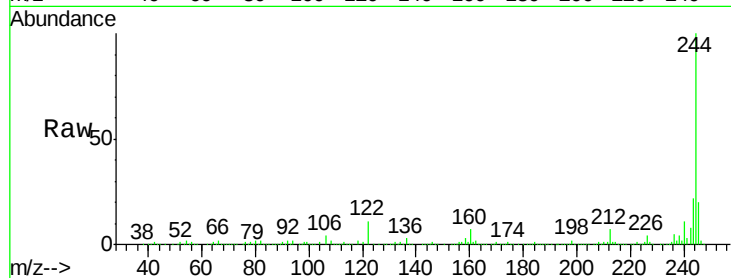




#78
 Terphenyl-d14
 Concen: 60.53 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TEMP-AB(0-2)-1

Tgt Ion:244 Resp: 1085066
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.9 9.6 14.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089984.D
 Acq: 2 Sep 2016 19:33

Tgt Ion:264 Resp: 432924
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 21.7 17.4 26.2

