

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
 Data File : BF089034.D
 Acq On : 16 Jul 2016 00:04
 Operator : UM/SJ
 Sample : H4073-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-02

Quant Time: Jul 16 02:10:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 16 00:31:51 2016
 Response via : Initial Calibration

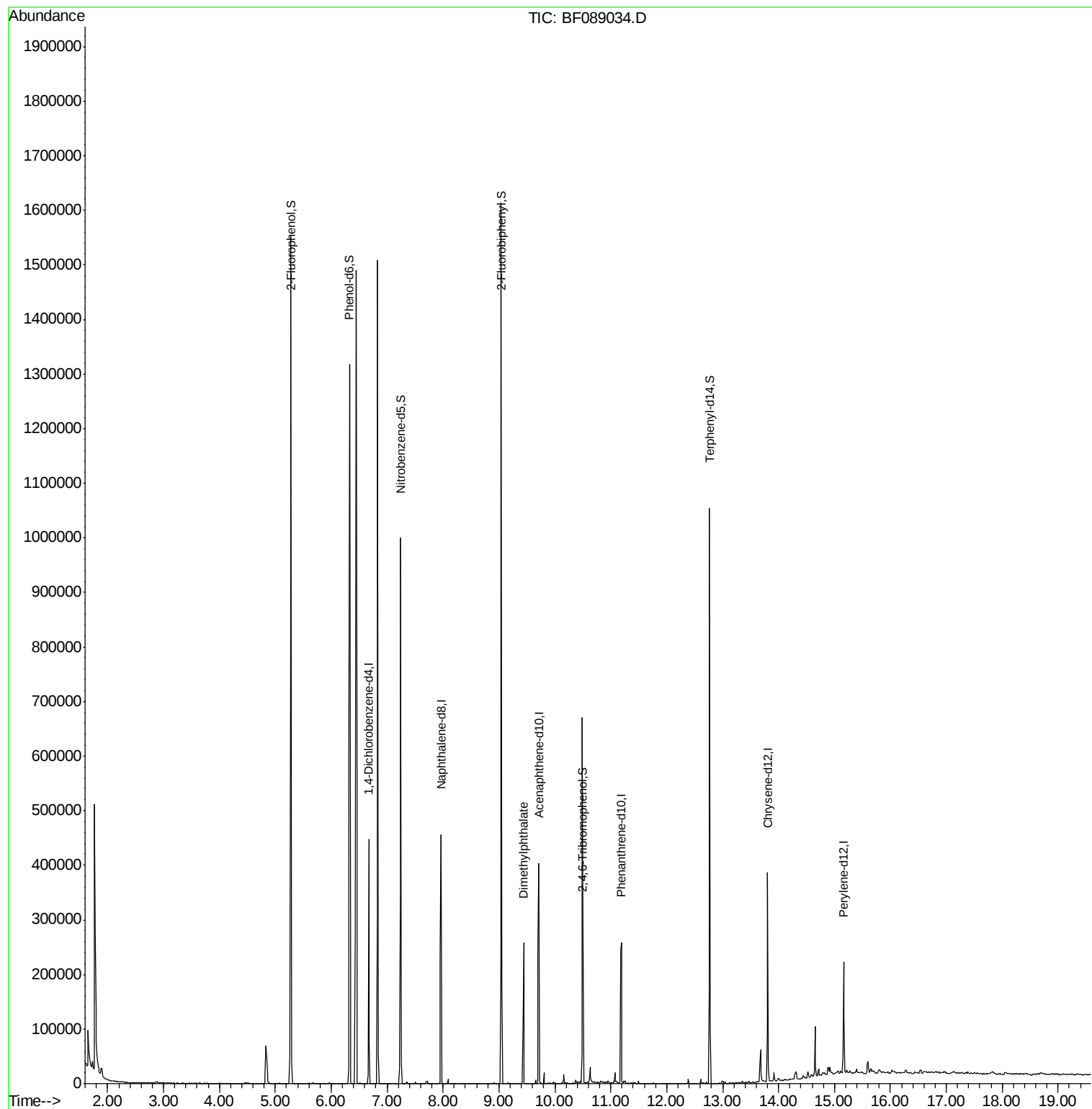
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	59850	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	239971	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	94814	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	140568	20.00	ng	0.00
75) Chrysene-d12	13.81	240	119340	20.00	ng	-0.01
86) Perylene-d12	15.17	264	83802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	469949	117.68	ng	0.01
7) Phenol-d6	6.33	99	519940	100.76	ng	0.00
23) Nitrobenzene-d5	7.24	82	342629	74.82	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	73753	83.77	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	449478	74.88	ng	0.00
78) Terphenyl-d14	12.77	244	285076	53.21	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	117893	17.45	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF089034.D

Acq: 16 Jul 2016 00:04

Instrument :

BNA_F

ClientSampled :

TS-02

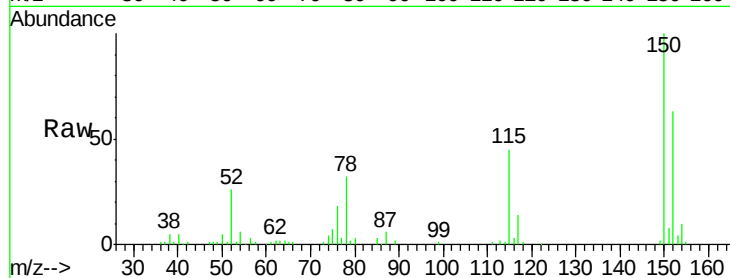
Tot Ion:152 Resp: 59850

Ion Ratio Lower Upper

152 100

150 159.0 123.8 185.6

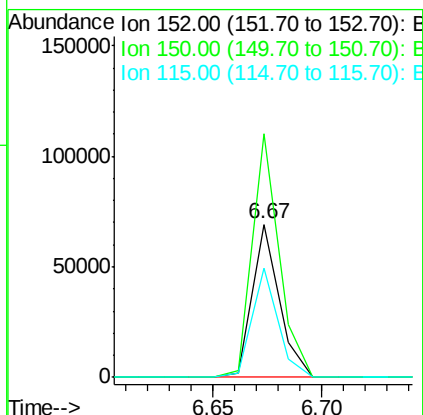
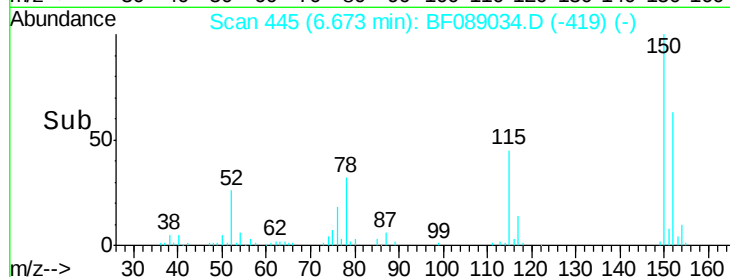
115 71.5 39.6 59.4#



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: 117.68 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.01 min

Lab File: BF089034.D

Acq: 16 Jul 2016 00:04

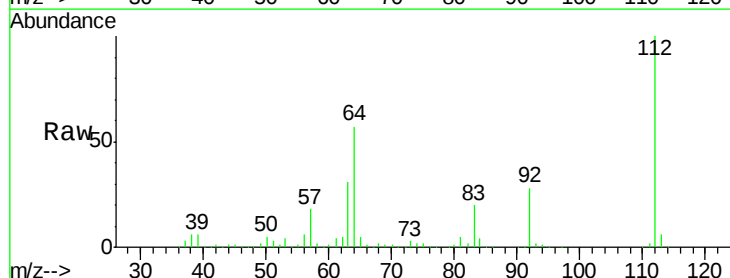
Tgt Ion:112 Resp: 469949

Ion Ratio Lower Upper

112 100

64 56.9 42.2 63.2

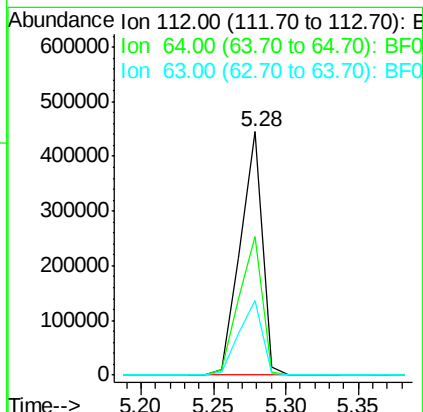
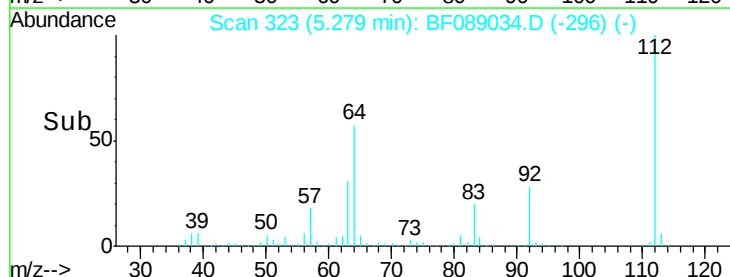
63 30.9 21.8 32.8



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: 100.76 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089034.D

Acq: 16 Jul 2016 00:04

Instrument :

BNA_F

ClientSampleId :

TS-02

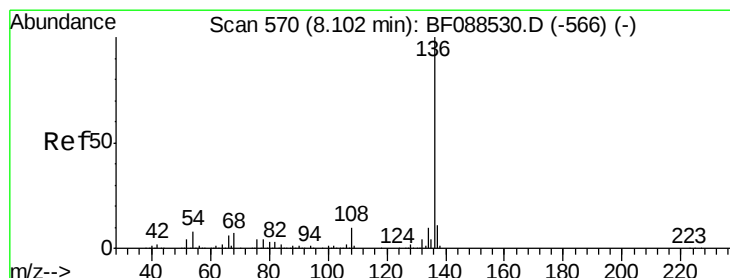
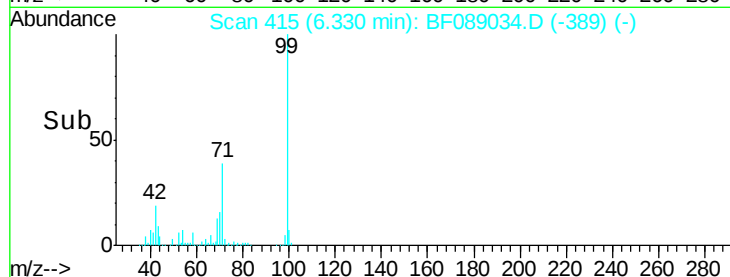
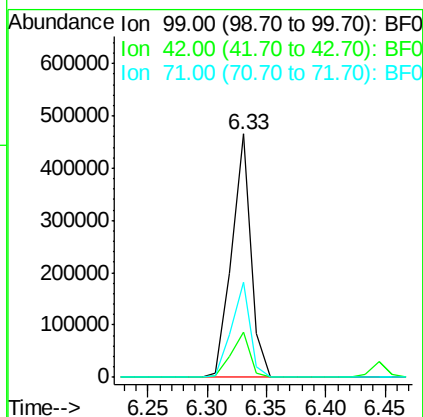
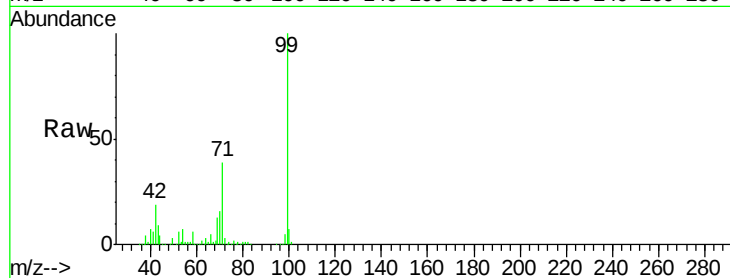
Tot Ion: 99 Resp: 519940

Ion Ratio Lower Upper

99 100

42 18.6 12.2 18.2#

71 38.9 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF089034.D

Acq: 16 Jul 2016 00:04

Tgt Ion: 136 Resp: 239971

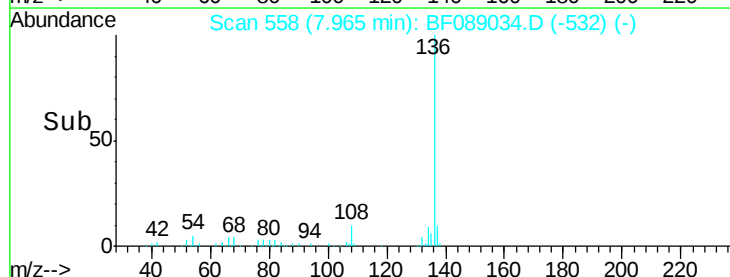
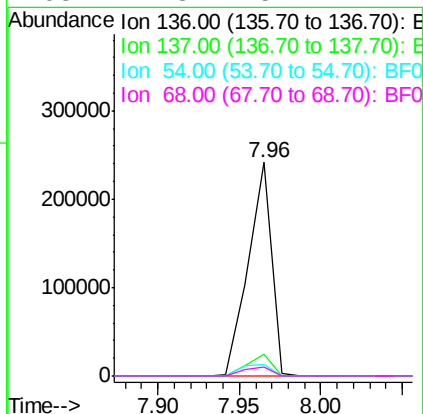
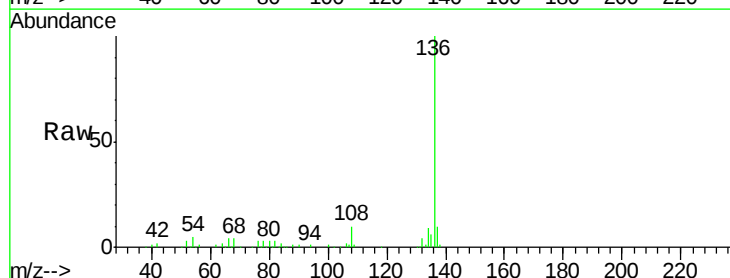
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.2 6.6 10.0#

68 4.3 5.1 7.7#

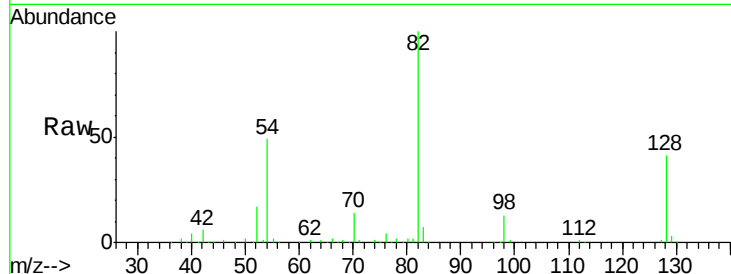




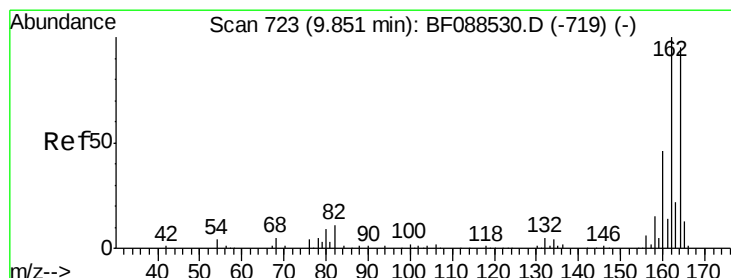
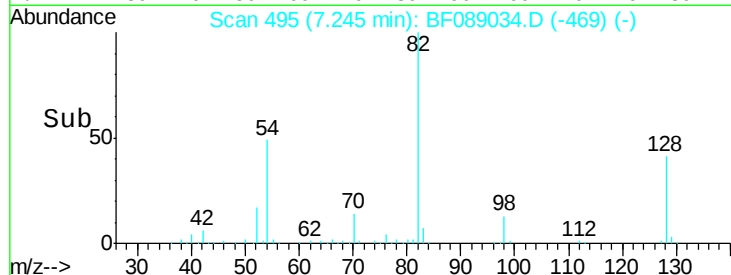
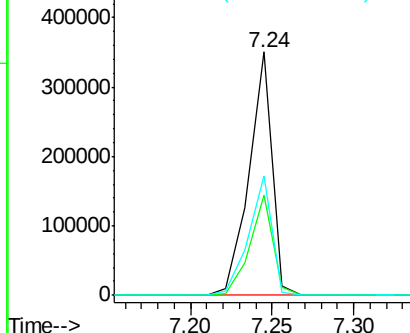
#23
 Nitrobenzene-d5
 Concen: 74.82 ng
 RT: 7.24 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BF089034.D
 Acq: 16 Jul 2016 00:04

Instrument :
 BNA_F
 ClientSampled :
 TS-02

Tot Ion	82	Resp	342629
Ion Ratio	100	Lower	Upper
128	41.0	35.9	53.9
54	49.3	40.9	61.3

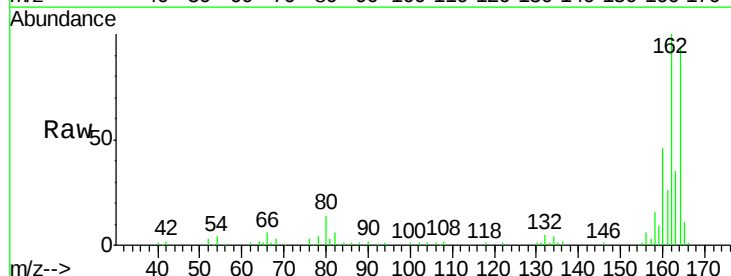


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

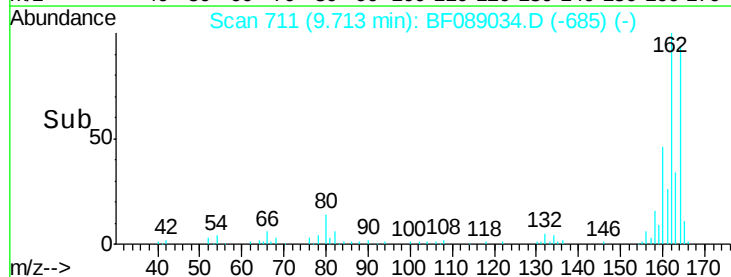
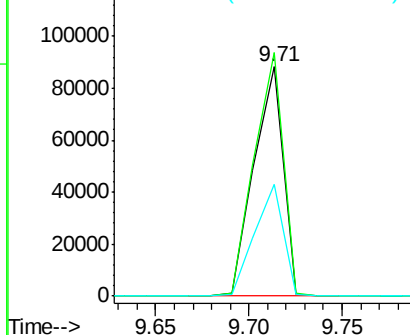


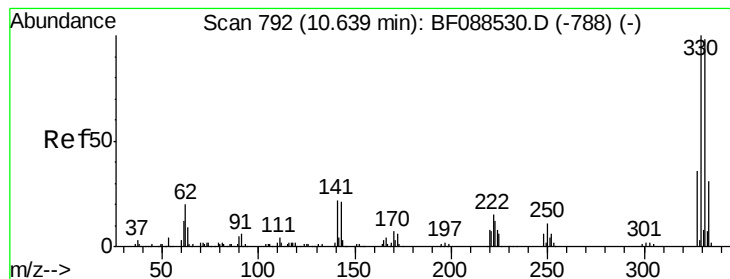
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089034.D
 Acq: 16 Jul 2016 00:04

Tgt Ion	164	Resp	94814
Ion Ratio	100	Lower	Upper
162	106.2	85.4	128.2
160	48.5	39.5	59.3



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: 83.77 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF089034.D

Acq: 16 Jul 2016 00:04

Instrument :

BNA_F

ClientSampleId :

TS-02

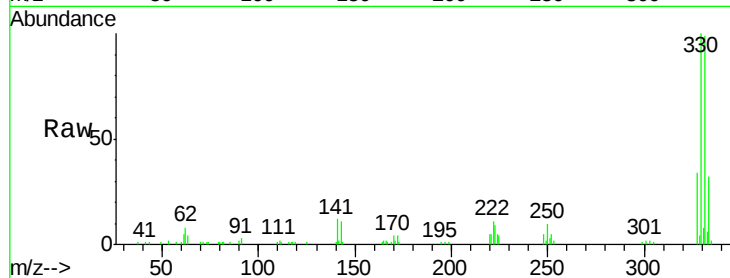
Tot Ion:330 Resp: 73753

Ion Ratio Lower Upper

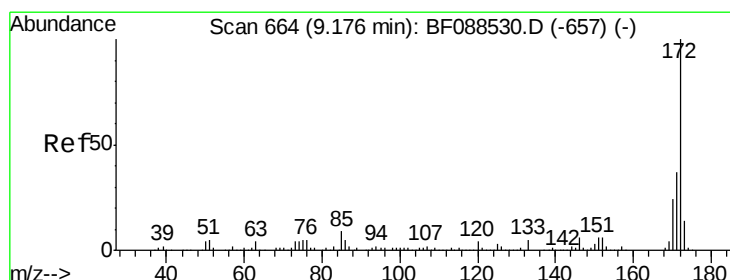
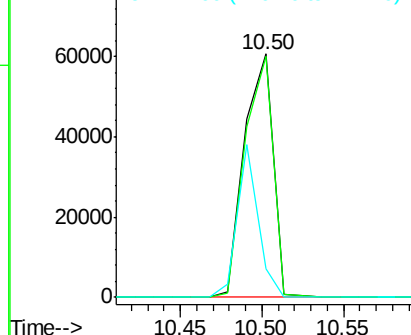
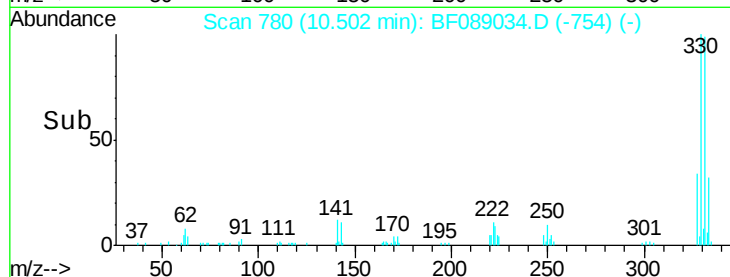
330 100

332 97.4 0.0 0.0#

141 44.7 0.0 0.0#



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: 74.88 ng

RT: 9.04 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF089034.D

Acq: 16 Jul 2016 00:04

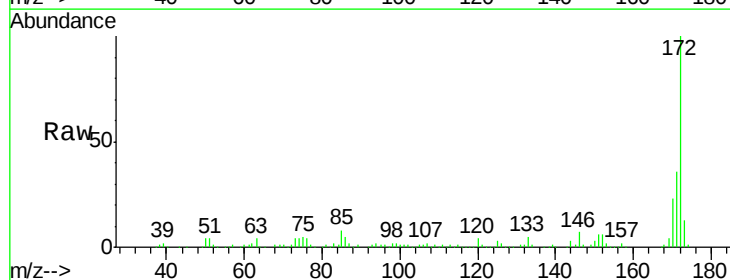
Tgt Ion:172 Resp: 449478

Ion Ratio Lower Upper

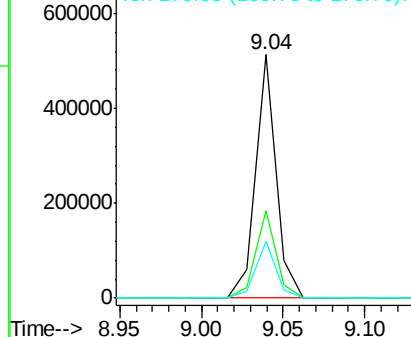
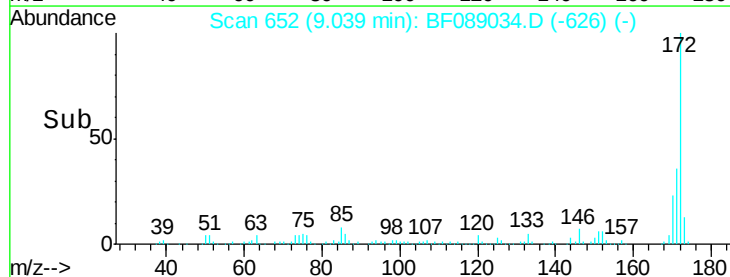
172 100

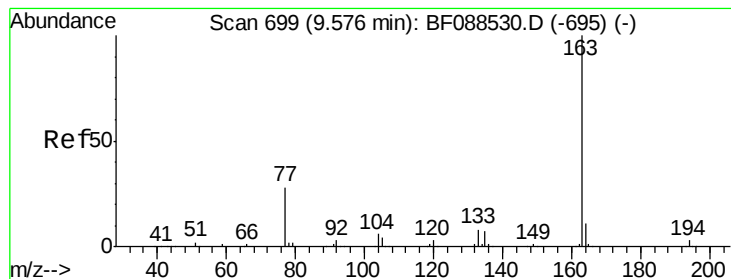
171 35.7 28.6 43.0

170 23.5 19.2 28.8



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: 17.45 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF089034.D

Acq: 16 Jul 2016 00:04

Instrument :

BNA_F

ClientSampleId :

TS-02

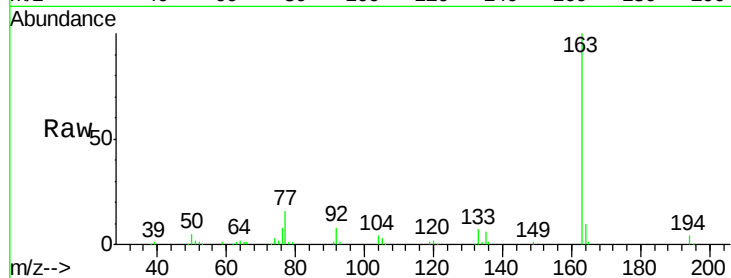
Tot Ion:163 Resp: 117893

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

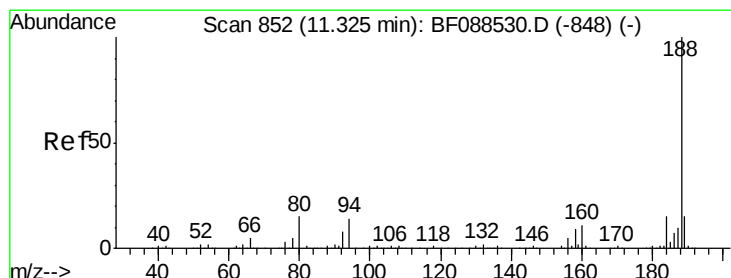
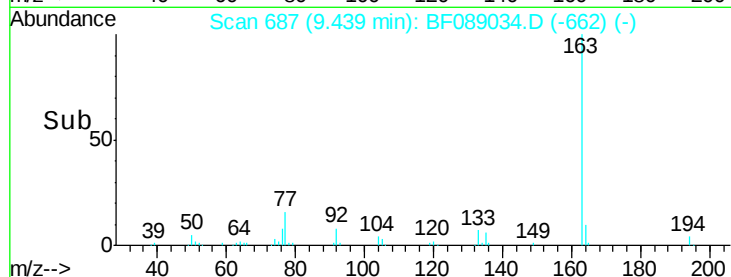
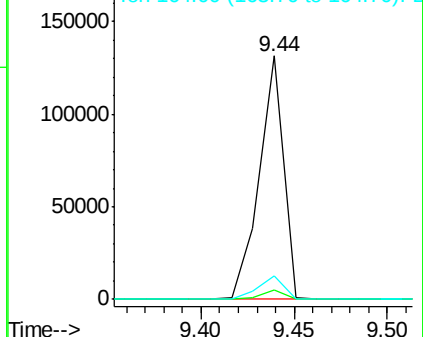
164 9.7 8.3 12.5



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: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF089034.D

Acq: 16 Jul 2016 00:04

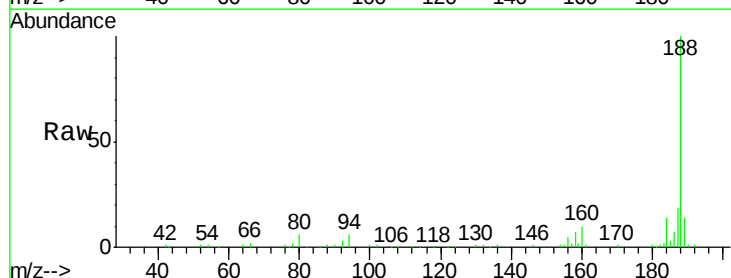
Tgt Ion:188 Resp: 140568

Ion Ratio Lower Upper

188 100

94 5.7 9.0 13.6#

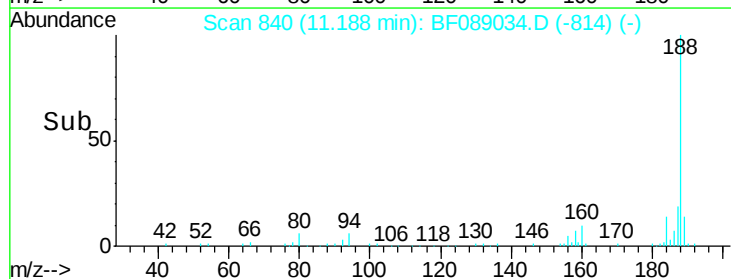
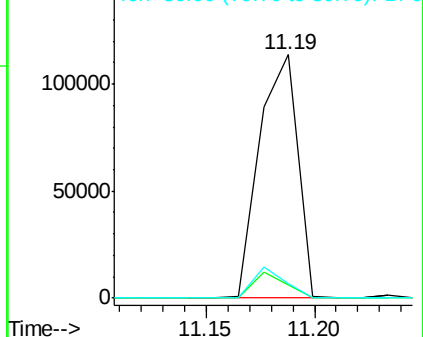
80 5.8 10.0 15.0#

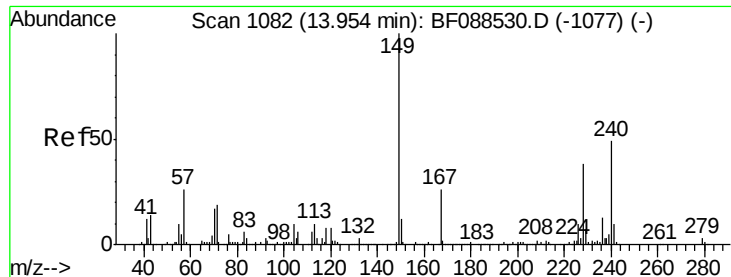


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.81 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BF089034.D

Acq: 16 Jul 2016 00:04

Instrument :

BNA_F

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TS-02

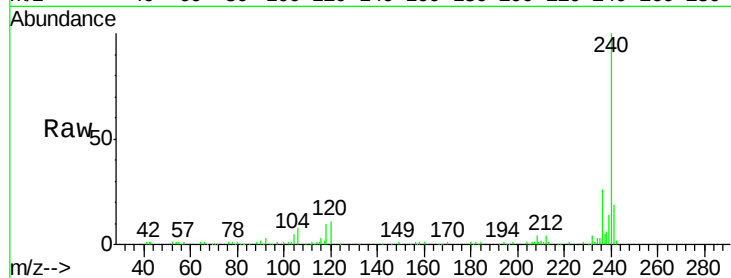
Tot Ion:240 Resp: 119340

Ion Ratio Lower Upper

240 100

120 11.1 6.8 10.2#

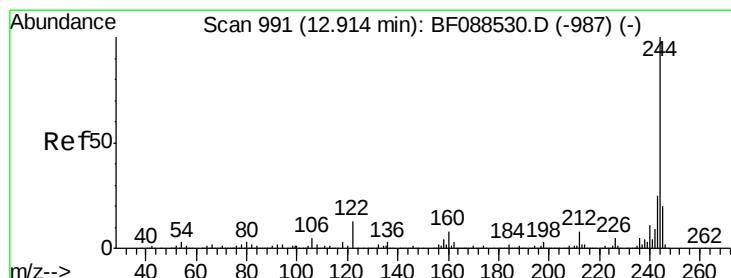
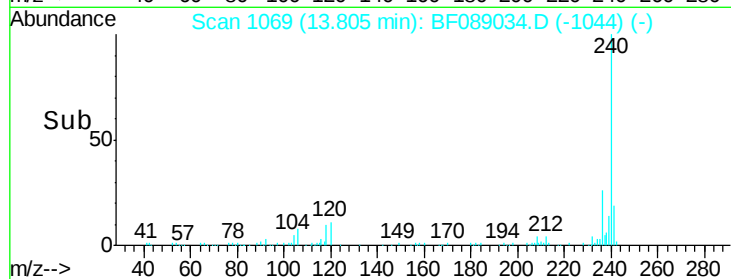
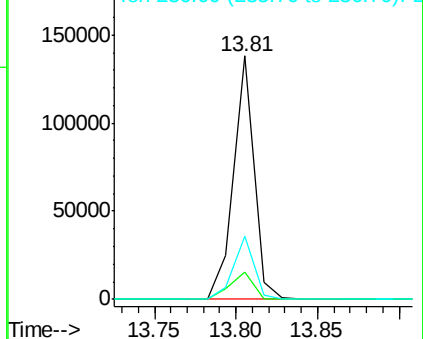
236 25.7 20.2 30.2



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: 53.21 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF089034.D

Acq: 16 Jul 2016 00:04

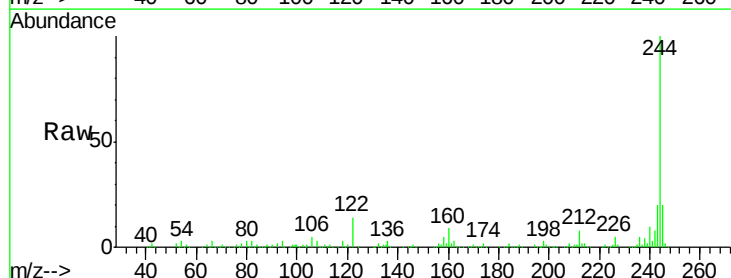
Tgt Ion:244 Resp: 285076

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

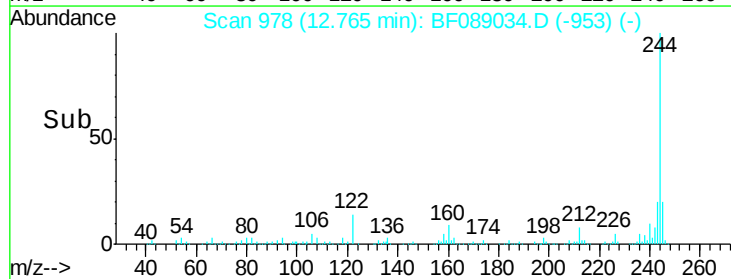
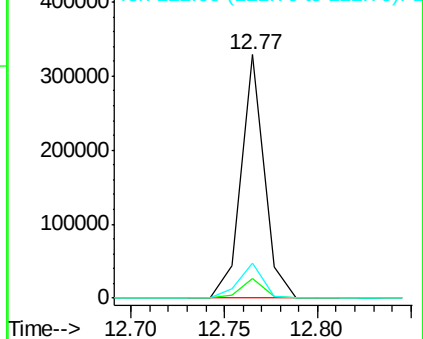
122 14.2 11.2 16.8

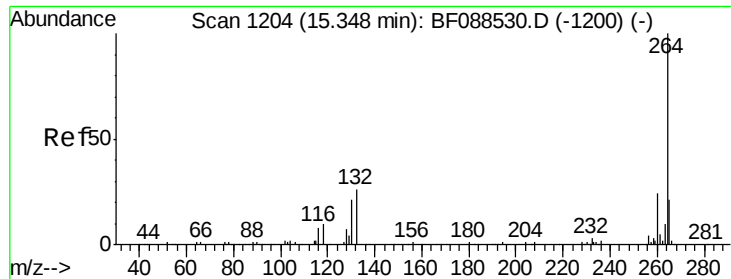


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

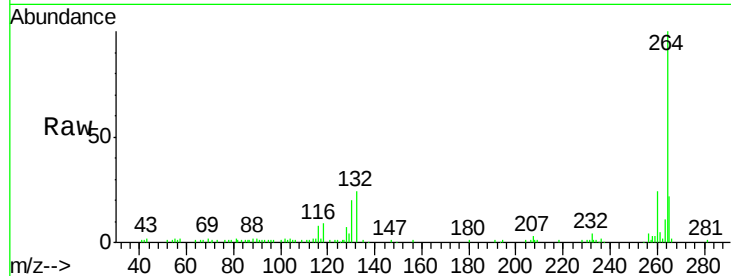




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF089034.D
 Acq: 16 Jul 2016 00:04

Instrument :
 BNA_F
 ClientSampleId :
 TS-02

Tot Ion:264 Resp: 83802
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.0 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

