

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081954.D
 Acq On : 1 Oct 2015 22:43
 Operator : UM/IZ
 Sample : G3799-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0483

Quant Time: Oct 02 02:01:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

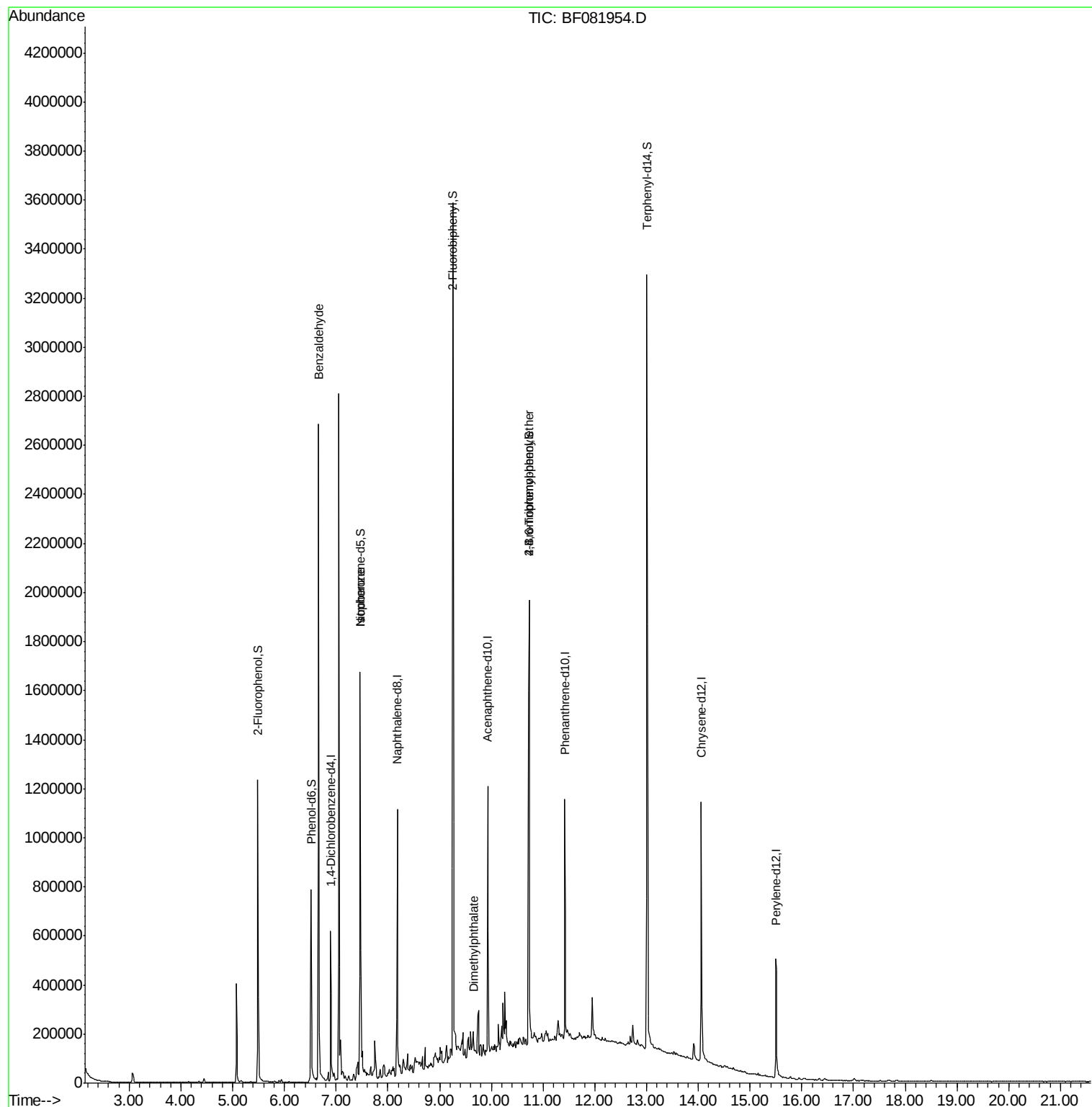
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	135063	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	543522	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	256185	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	503462	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	463793	20.00	ng	-0.06
86) Perylene-d12	15.51	264	321402	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	386988	52.01	ng	-0.03
7) Phenol-d6	6.51	99	317248	33.89	ng	-0.05
23) Nitrobenzene-d5	7.46	82	741575	90.95	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	360137	138.81	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1323393	86.80	ng	-0.05
78) Terphenyl-d14	13.01	244	1433117	107.52	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.66	77	18009	2.94	ng	# 64
25) Isophorone	7.46	82	597558	36.98	ng	# 58
49) Dimethylphthalate	9.66	163	36653	2.07	ng	99
53) 2,4-Dinitrophenol	10.08	184	1073	Below	Cal	96
57) Fluorene	10.39	166	1701	Below	Cal	# 75
66) 4-Bromophenyl-phenylether	10.73	248	24116	4.75	ng	# 1
70) Phenanthrene	11.41	178	751	Below	Cal	# 1
73) Di-n-butylphthalate	11.98	149	3058	Below	Cal	# 37

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

Instrument :

BNA_F

ClientSampleId :

S8-0483

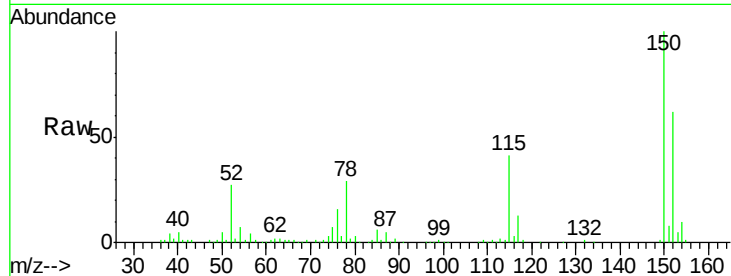
Tgt Ion:152 Resp: 135063

Ion Ratio Lower Upper

152 100

150 160.9 124.7 187.1

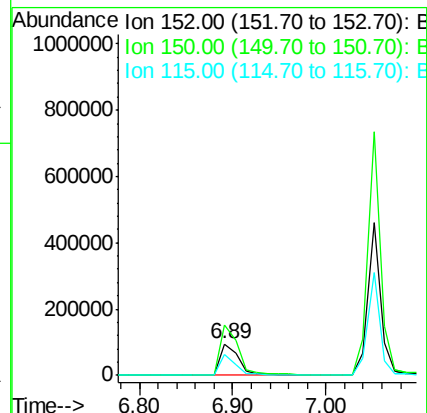
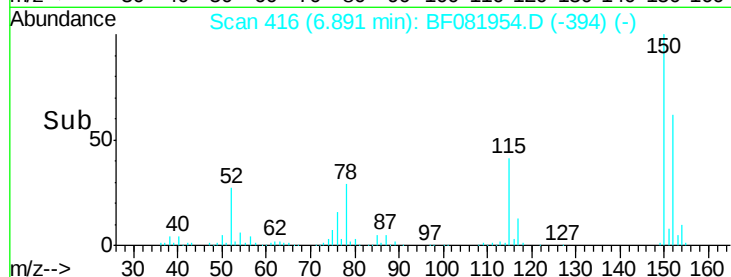
115 65.9 39.0 58.4#



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: 52.01 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

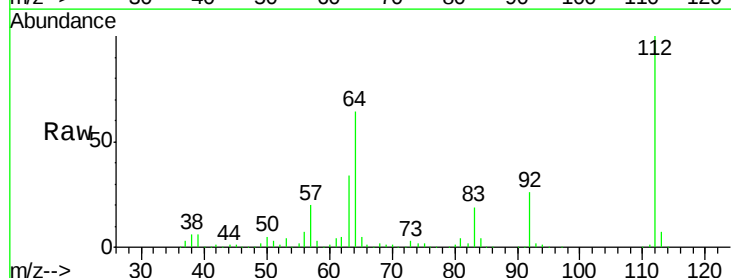
Tgt Ion:112 Resp: 386988

Ion Ratio Lower Upper

112 100

64 64.2 39.7 59.5#

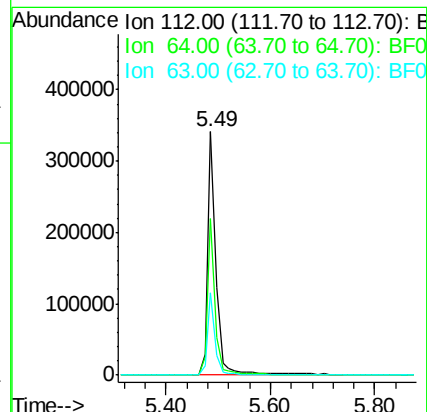
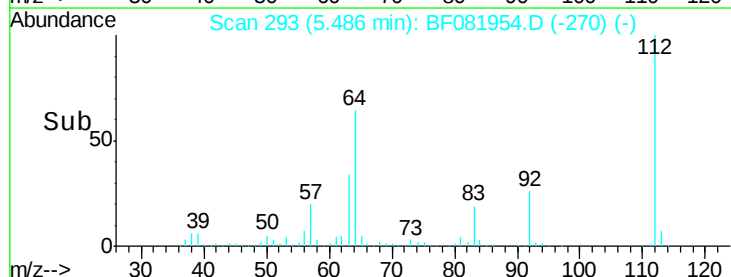
63 33.7 17.4 26.0#

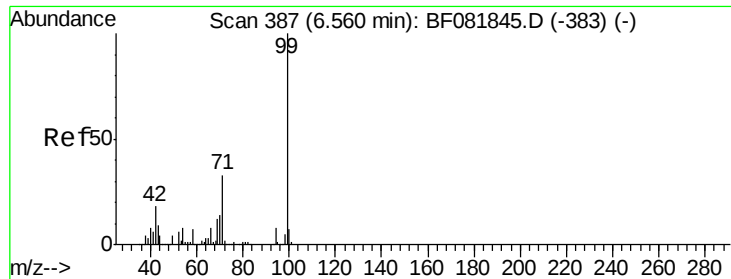


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.89 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

Instrument :

BNA_F

ClientSampleId :

S8-0483

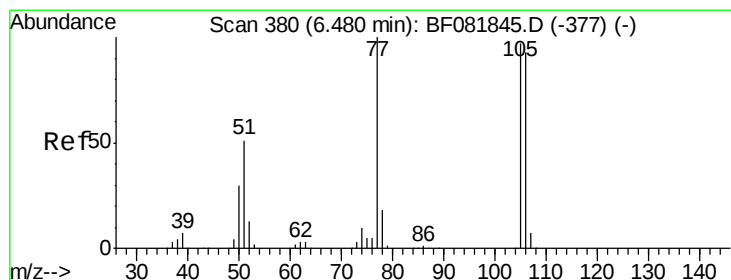
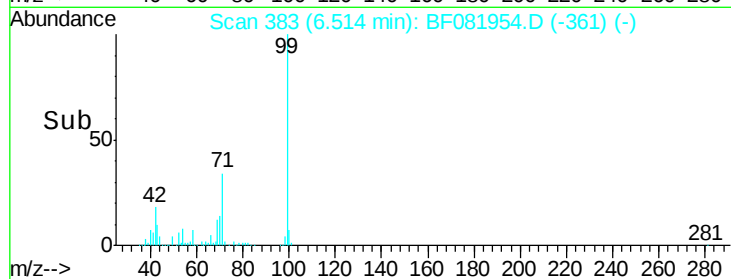
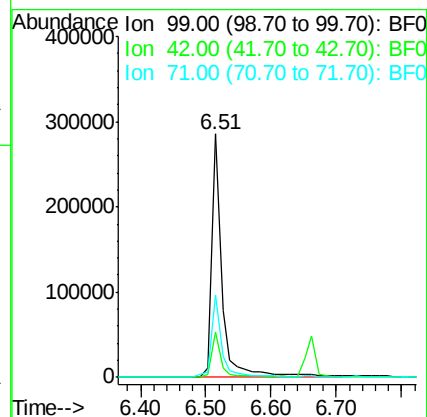
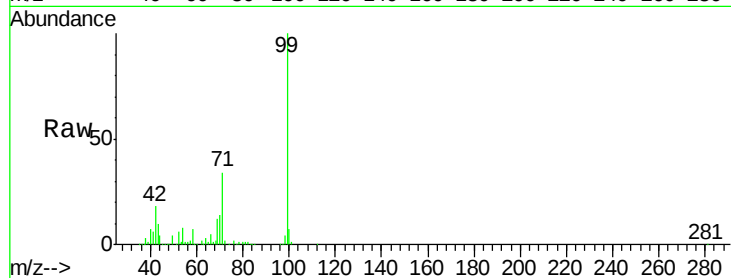
Tgt Ion: 99 Resp: 317248

Ion Ratio Lower Upper

99 100

42 18.5 13.7 20.5

71 34.0 14.2 21.2#



#9

Benzaldehyde

Concen: 2.94 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.18 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

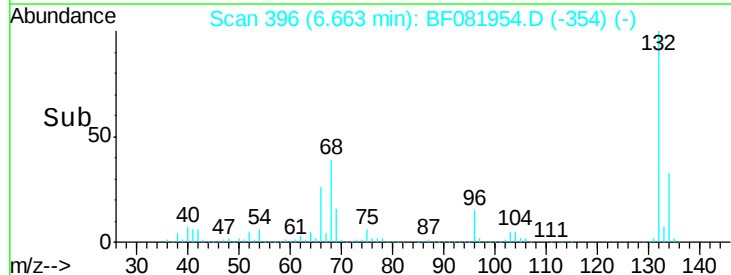
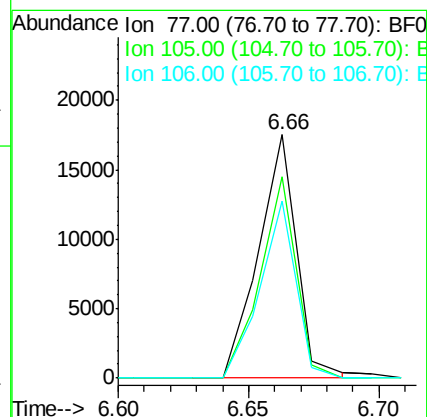
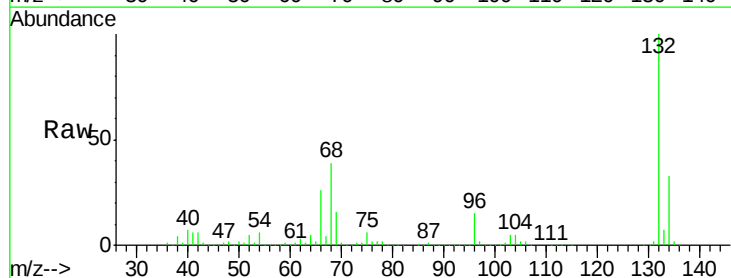
Tgt Ion: 77 Resp: 18009

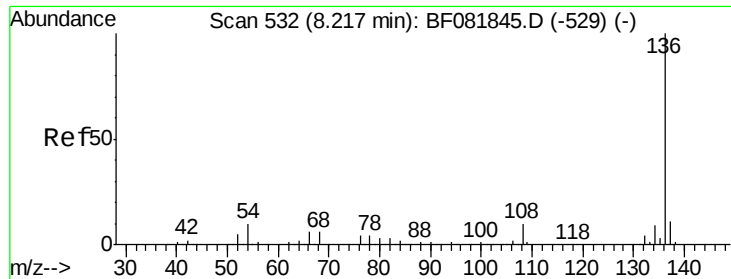
Ion Ratio Lower Upper

77 100

105 82.9 91.6 131.6#

106 72.6 102.6 142.6#

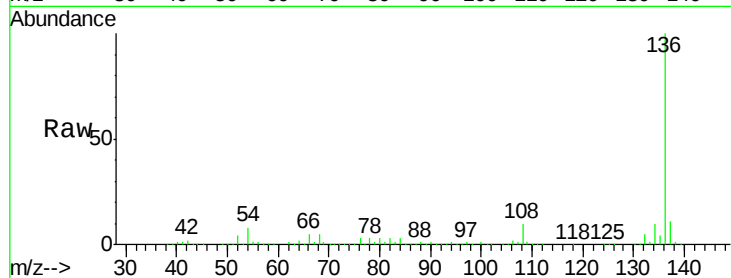




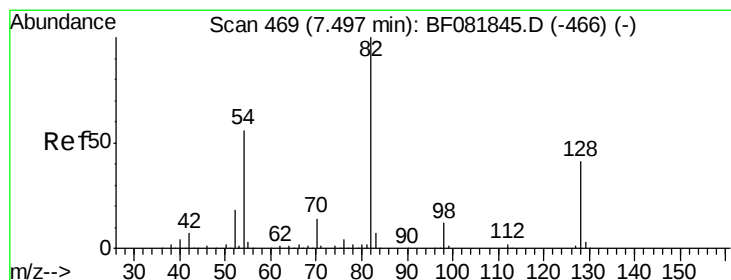
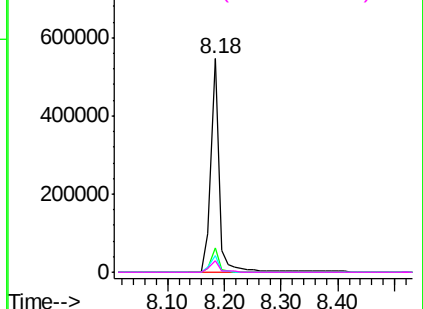
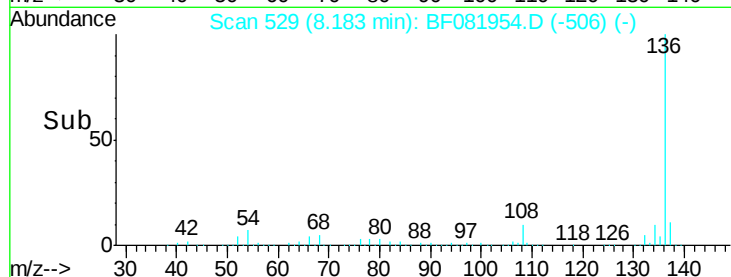
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081954.D
Acq: 1 Oct 2015 22:43

Instrument :
BNA_F
ClientSampleId :
S8-0483

Tgt Ion:	136	Resp:	543522
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.5	8.2	12.2#
68	5.2	5.8	8.6#

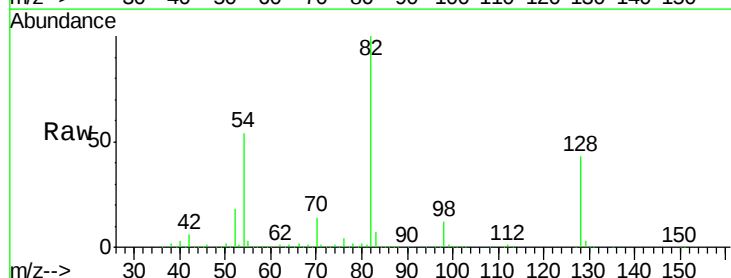


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

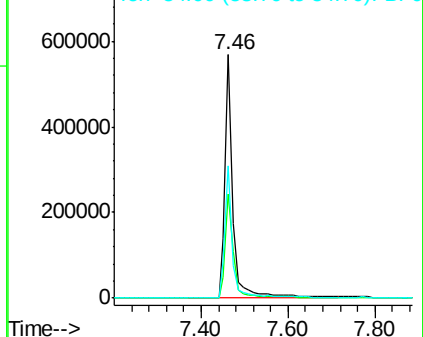
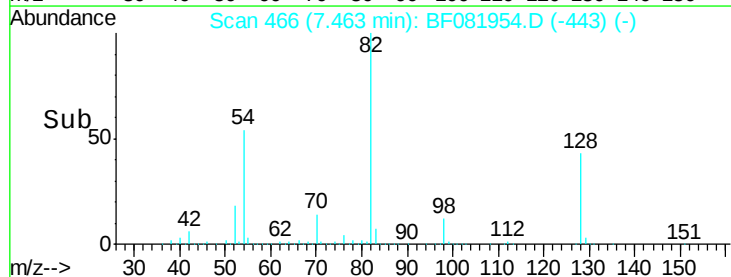


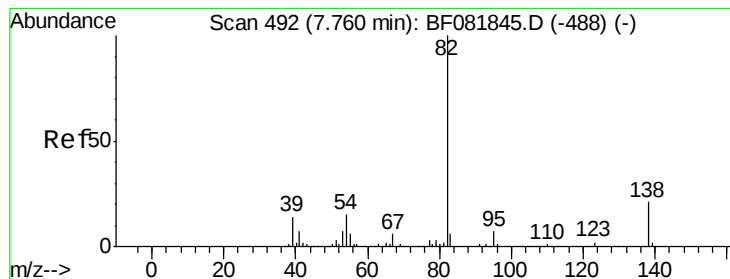
#23
Nitrobenzene-d5
Concen: 90.95 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081954.D
Acq: 1 Oct 2015 22:43

Tgt Ion:	82	Resp:	741575
Ion	Ratio	Lower	Upper
82	100		
128	42.7	51.0	76.6#
54	54.5	47.5	71.3



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





#25

Isophorone

Concen: 36.98 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

Instrument :

BNA_F

ClientSampleId :

S8-0483

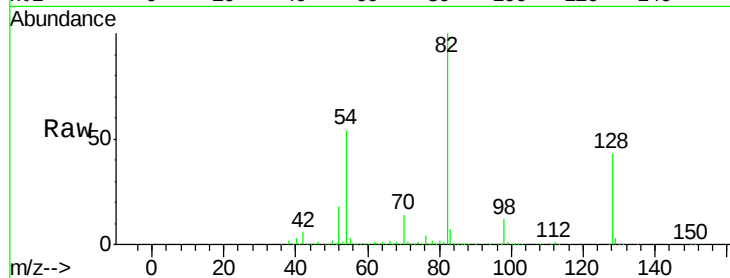
Tgt Ion: 82 Resp: 597558

Ion Ratio Lower Upper

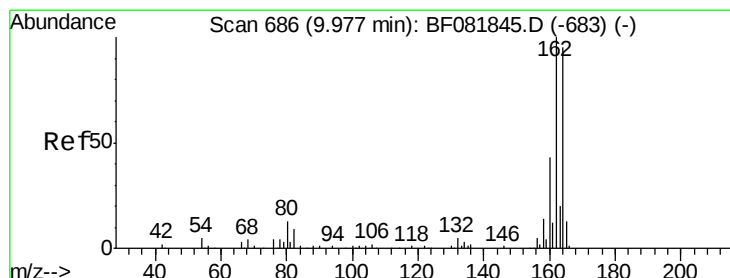
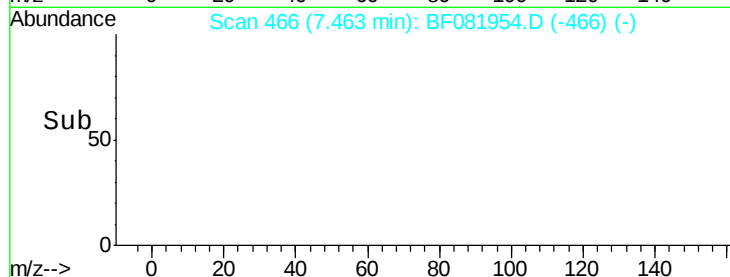
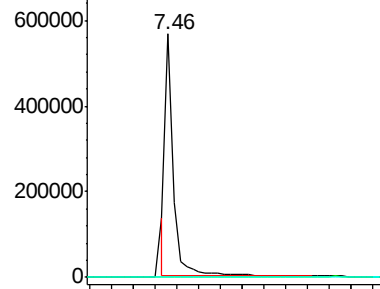
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

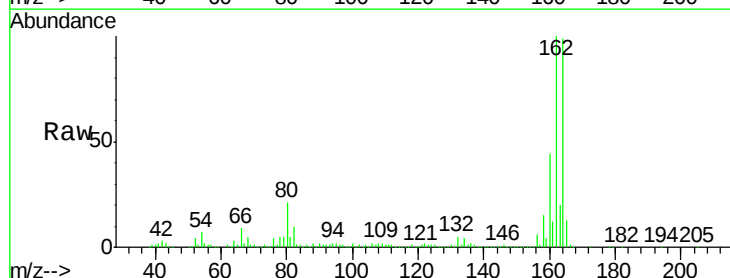
Tgt Ion:164 Resp: 256185

Ion Ratio Lower Upper

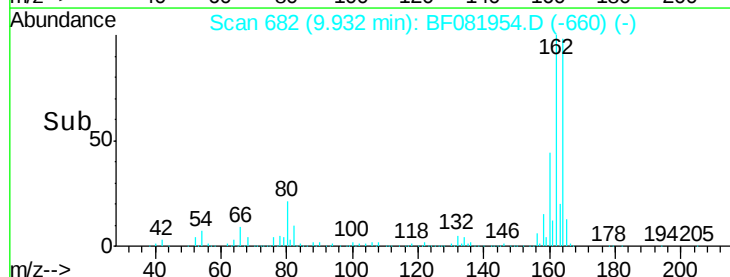
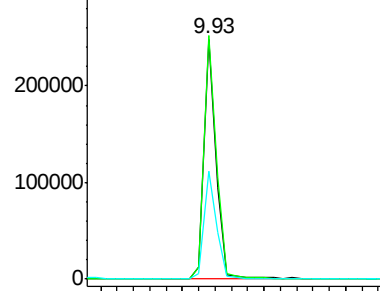
164 100

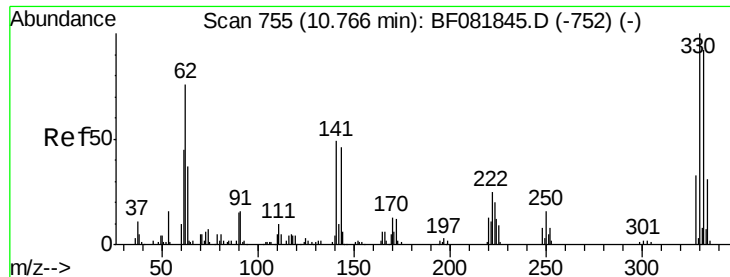
162 101.4 75.2 112.8

160 45.0 31.5 47.3



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

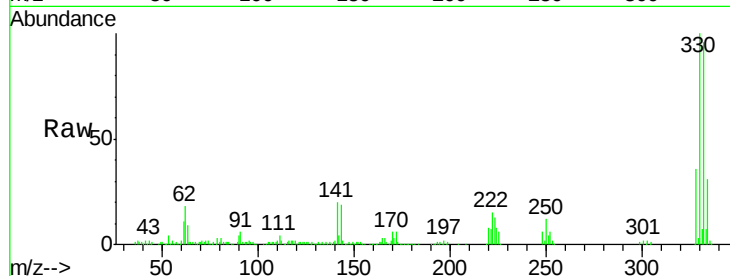




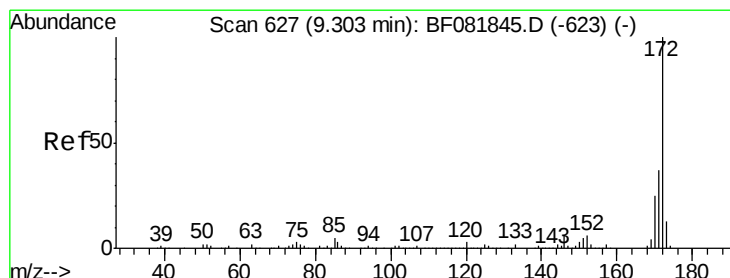
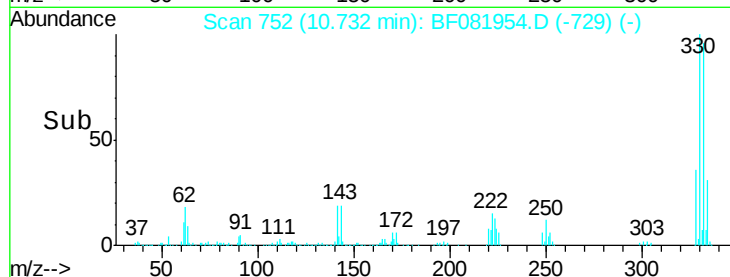
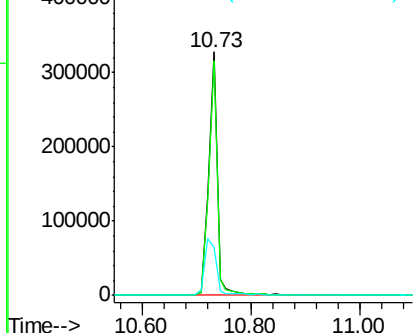
#41
 2,4,6-Tribromophenol
 Concen: 138.81 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081954.D
 Acq: 1 Oct 2015 22:43

Instrument :
 BNA_F
 ClientSampleId :
 S8-0483

Tgt Ion:330 Resp: 360137
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 30.4 29.7 44.5

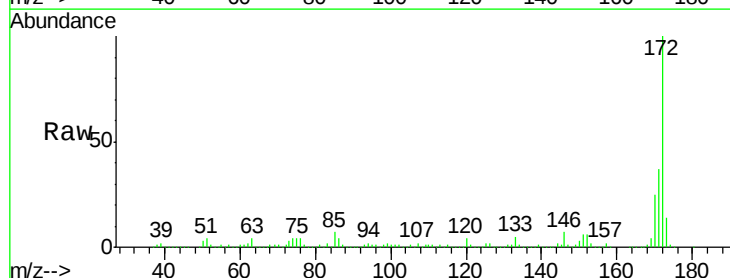


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

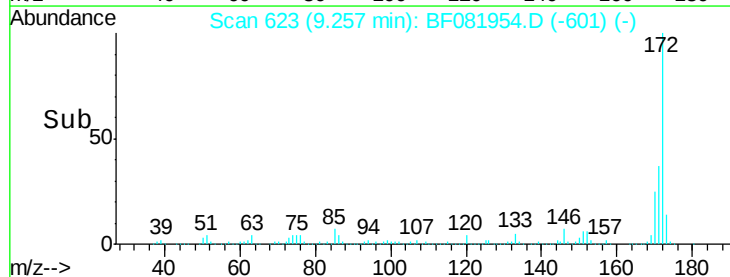
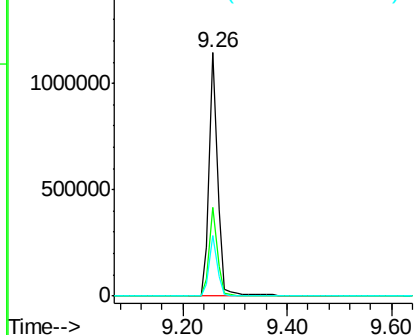


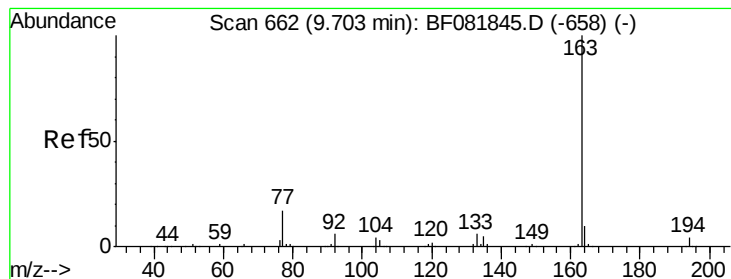
#44
 2-Fluorobiphenyl
 Concen: 86.80 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081954.D
 Acq: 1 Oct 2015 22:43

Tgt Ion:172 Resp: 1323393
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 25.0 17.4 26.2



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: 2.07 ng

RT: 9.66 min Scan# 658

Delta R.T. -0.05 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

Instrument :

BNA_F

ClientSampleId :

S8-0483

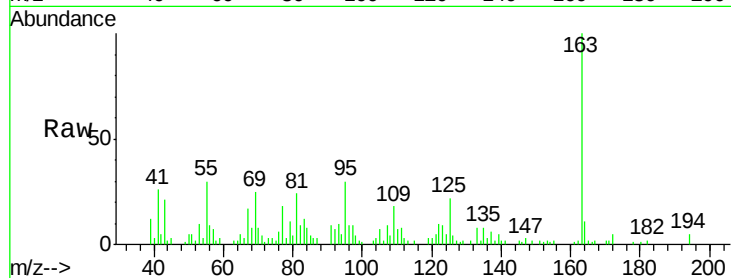
Tgt Ion:163 Resp: 36653

Ion Ratio Lower Upper

163 100

194 4.9 4.4 6.6

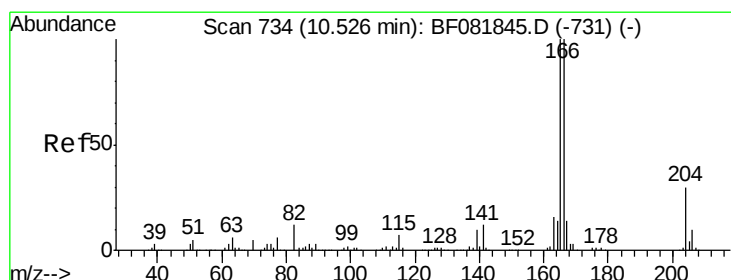
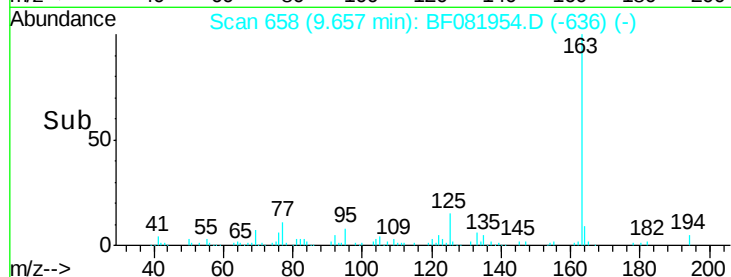
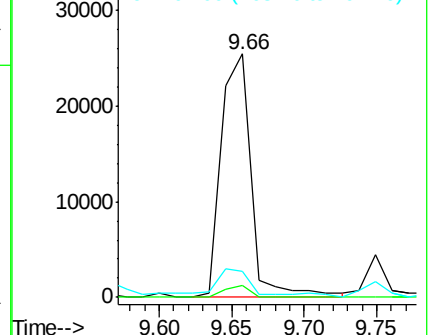
164 10.9 8.3 12.5



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



#57

Fluorene

Concen: Below Cal

RT: 10.39 min Scan# 722

Delta R.T. -0.14 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

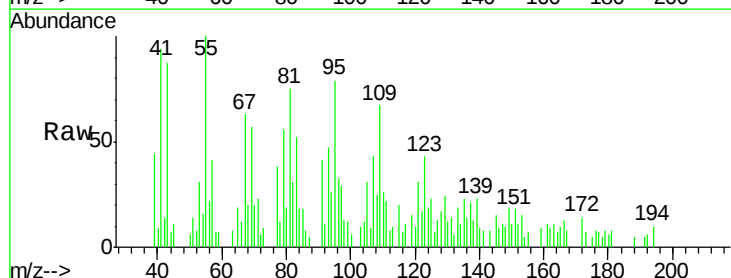
Tgt Ion:166 Resp: 1701

Ion Ratio Lower Upper

166 100

165 79.0 72.6 109.0

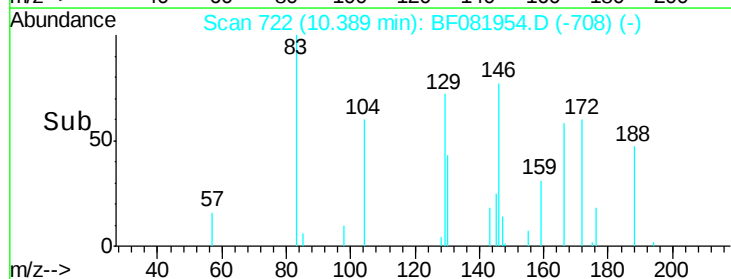
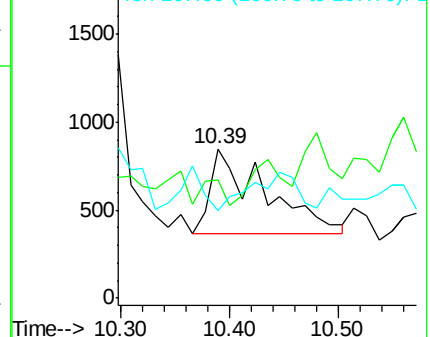
167 58.5 10.6 16.0#

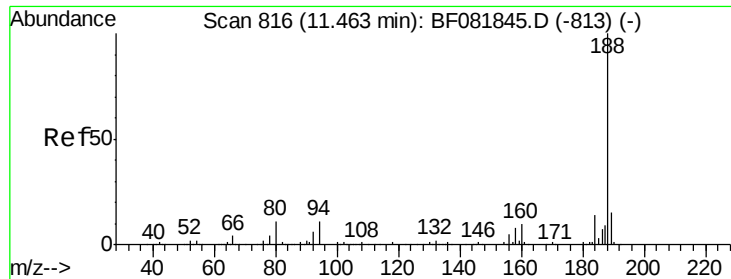


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

Instrument :

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S8-0483

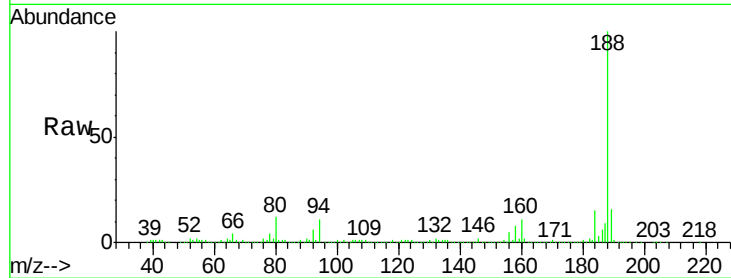
Tgt Ion:188 Resp: 503462

Ion Ratio Lower Upper

188 100

94 10.7 11.1 16.7#

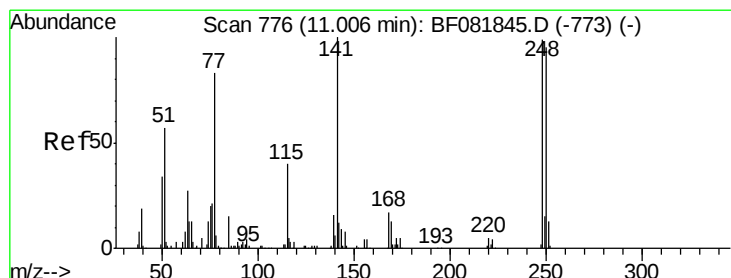
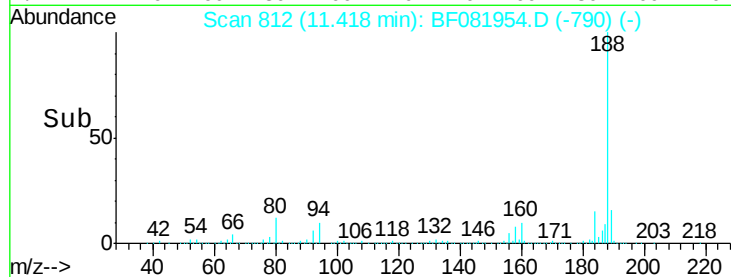
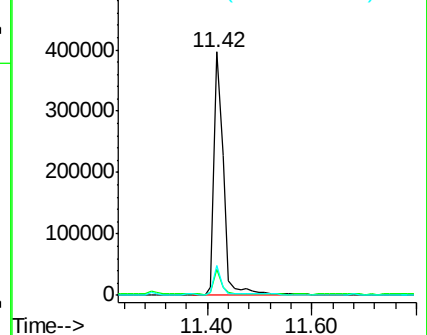
80 12.0 11.0 16.4



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



#66

4-Bromophenyl-phenylether

Concen: 4.75 ng

RT: 10.73 min Scan# 752

Delta R.T. -0.27 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

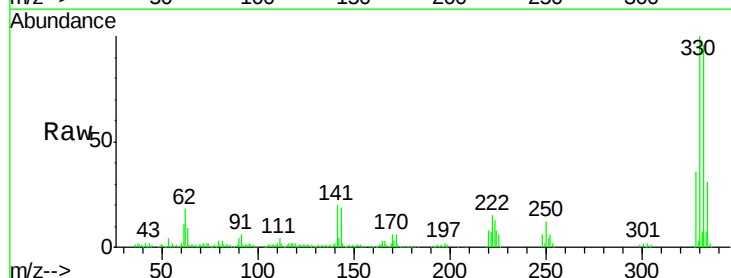
Tgt Ion:248 Resp: 24116

Ion Ratio Lower Upper

248 100

250 192.7 78.5 117.7#

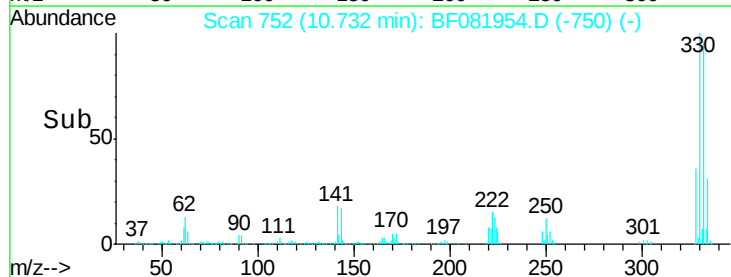
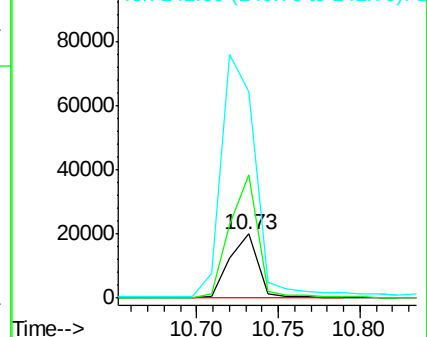
141 322.0 59.0 88.6#

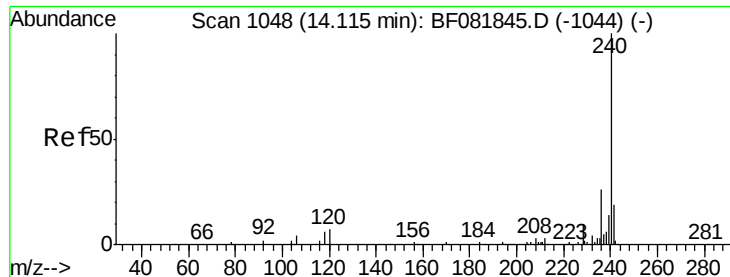


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

Instrument :

BNA_F

ClientSampleId :

S8-0483

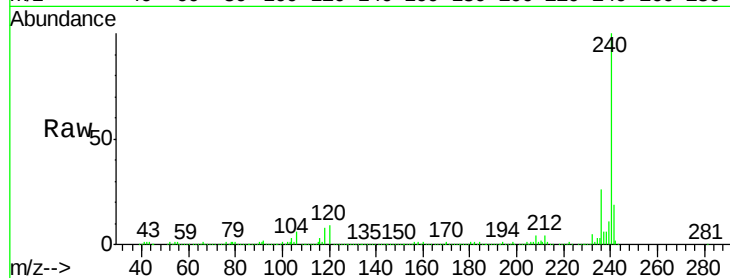
Tgt Ion:240 Resp: 463793

Ion Ratio Lower Upper

240 100

120 9.4 16.2 24.2#

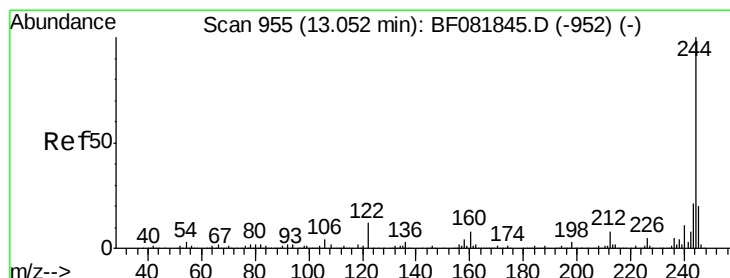
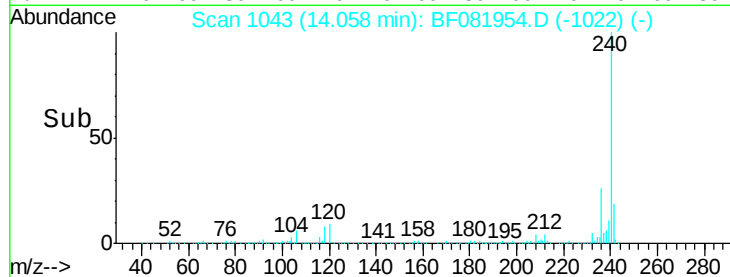
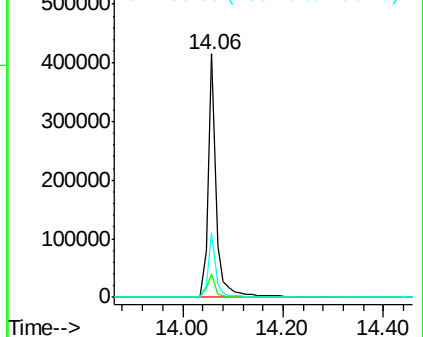
236 26.4 18.4 27.6



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: 107.52 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081954.D

Acq: 1 Oct 2015 22:43

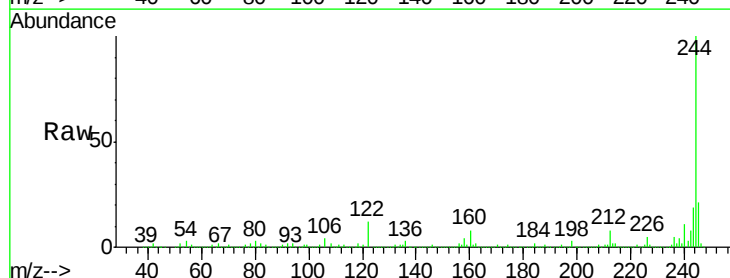
Tgt Ion:244 Resp: 1433117

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

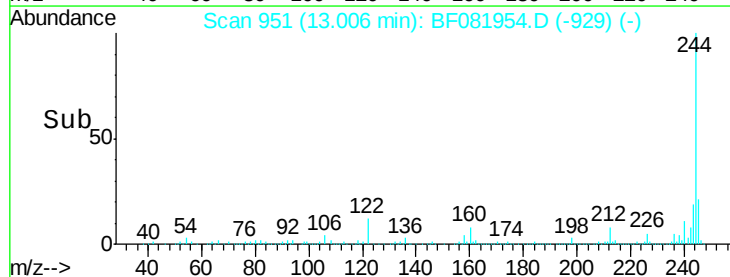
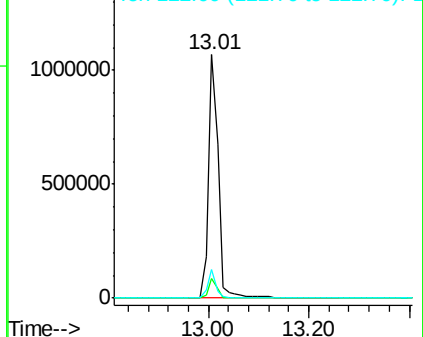
122 11.8 17.4 26.2#

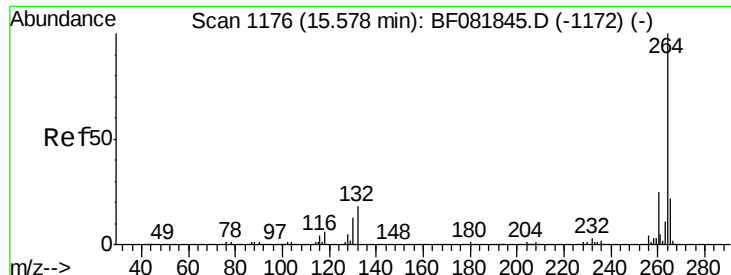


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

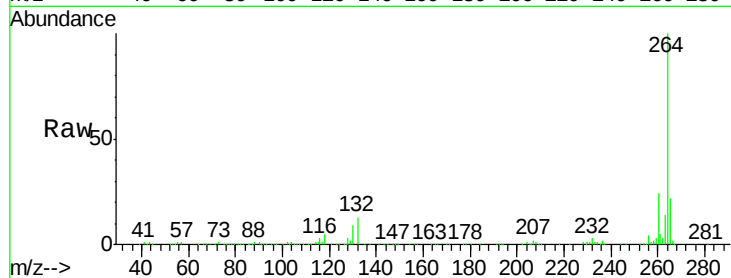




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF081954.D
Acq: 1 Oct 2015 22:43

Instrument :
BNA_F
ClientSampleId :
S8-0483

Tgt Ion: 264 Resp: 321402
Ion Ratio Lower Upper
264 100
260 23.8 16.7 25.1
265 21.8 17.2 25.8



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

