

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081915.D
 Acq On : 30 Sep 2015 21:50
 Operator : UM/IZ
 Sample : G3668-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(EAST)

Quant Time: Oct 01 03:53:41 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

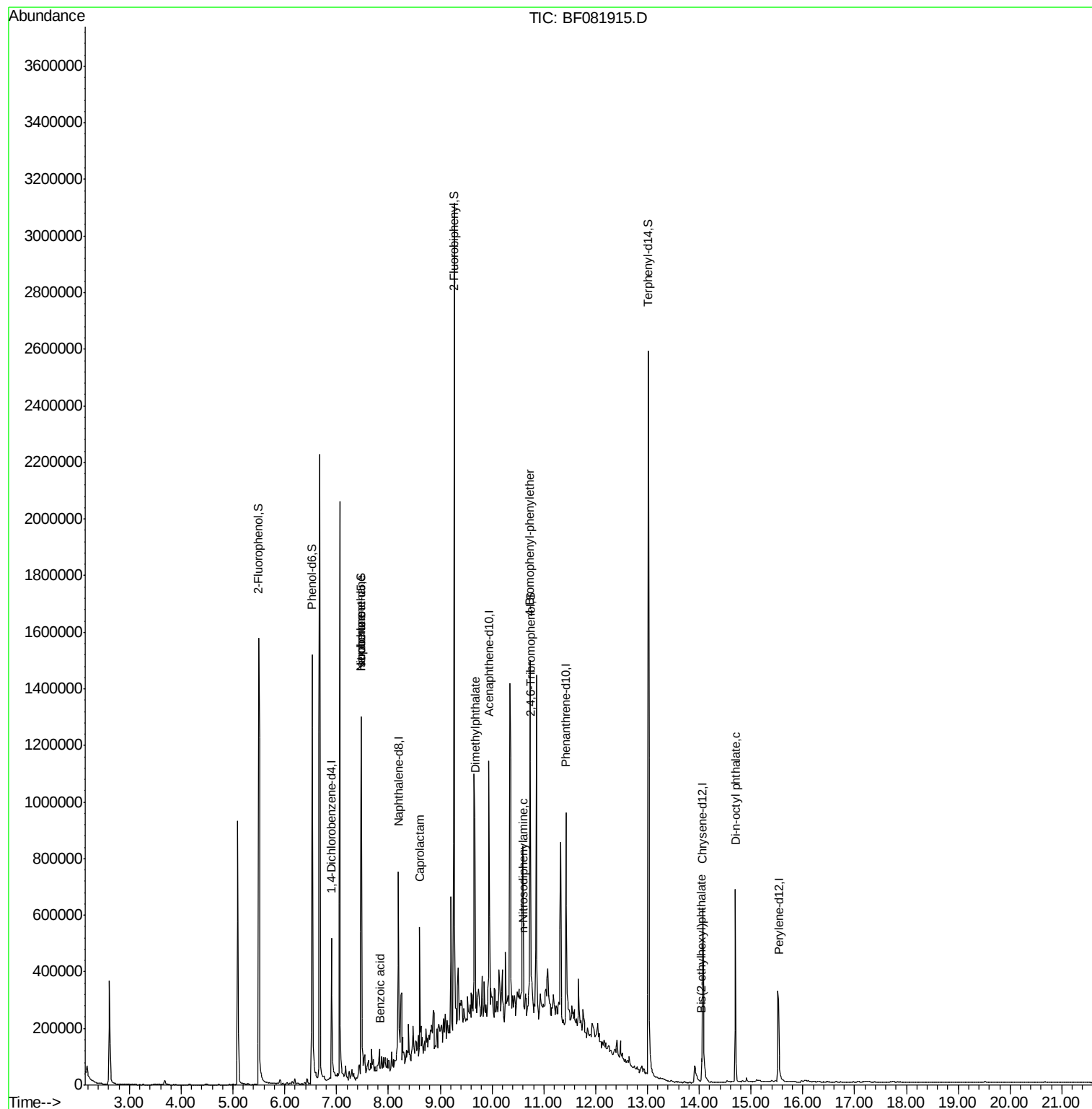
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	113712	20.00	ng	-0.03
21) Naphthalene-d8	8.19	136	431052	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	207773	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	396888	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	321301	20.00	ng	-0.05
86) Perylene-d12	15.53	264	238387	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	670057	106.97	ng	-0.02
7) Phenol-d6	6.53	99	892340	113.21	ng	-0.03
23) Nitrobenzene-d5	7.47	82	586957	90.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	235730	112.03	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	1044282	83.89	ng	-0.03
78) Terphenyl-d14	13.02	244	1024238	113.01	ng	-0.03
Target Compounds						
18) Hexachloroethane	7.47	117	5571	2.09	ng	# 15
25) Isophorone	7.47	82	421160	32.86	ng	# 59
32) Benzoic acid	7.84	122	274	7.41	ng	# 1
35) Caprolactam	8.61	113	11206	7.04	ng	# 9
49) Dimethylphthalate	9.67	163	258295	18.01	ng	# 97
53) 2,4-Dinitrophenol	10.24	184	1284	Below Cal	#	69
57) Fluorene	10.49	166	8459	Below Cal	#	62
65) n-Nitrosodiphenylamine	10.61	169	38003	3.16	ng	# 55
66) 4-Bromophenyl-phenylether	10.73	248	14548	3.64	ng	# 1
70) Phenanthrene	11.46	178	23395	Below Cal	#	80
73) Di-n-butylphthalate	11.99	149	5189	Below Cal	#	77
83) Bis(2-ethylhexyl)phthalate	14.05	149	25544	2.82	ng	# 91
84) Di-n-octyl phthalate	14.70	149	69192	4.69	ng	# 66

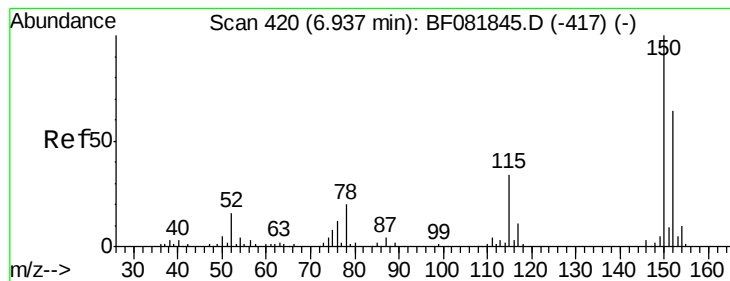
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

Instrument :

BNA_F

ClientSampleId :

SB-02(EAST)

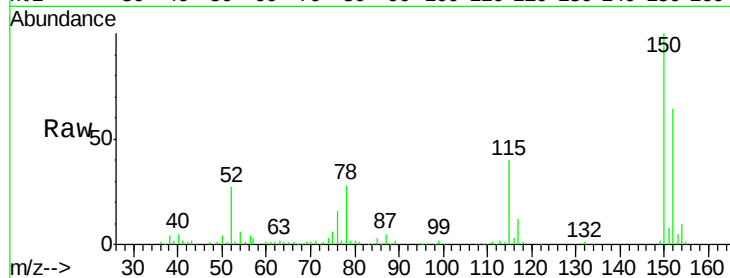
Tgt Ion:152 Resp: 113712

Ion Ratio Lower Upper

152 100

150 155.6 124.7 187.1

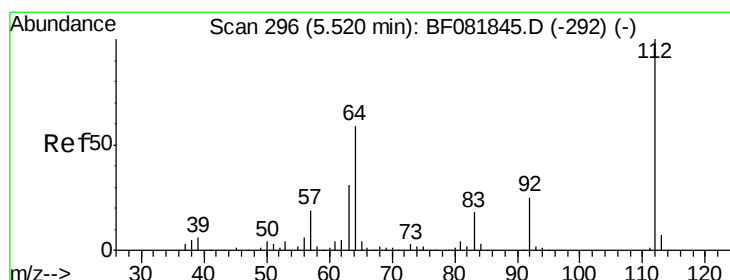
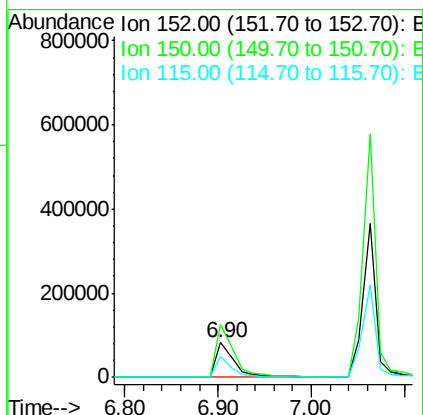
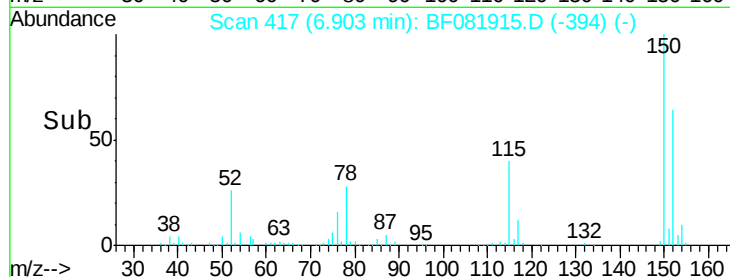
115 61.7 39.0 58.4#



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: 106.97 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

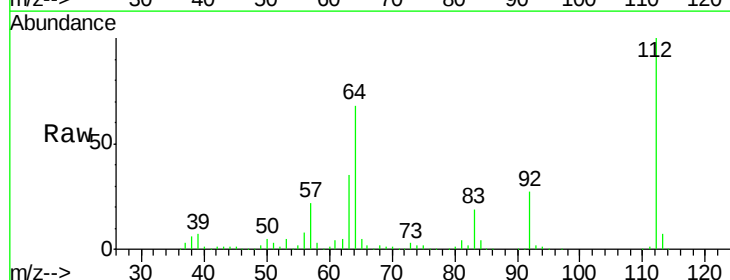
Tgt Ion:112 Resp: 670057

Ion Ratio Lower Upper

112 100

64 67.8 39.7 59.5#

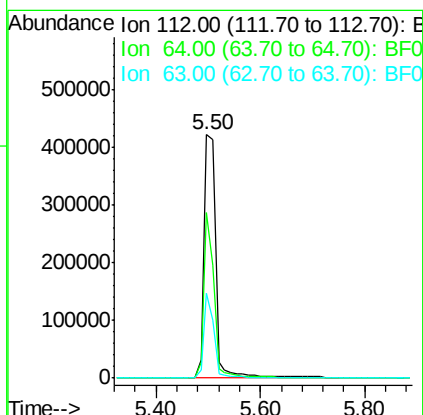
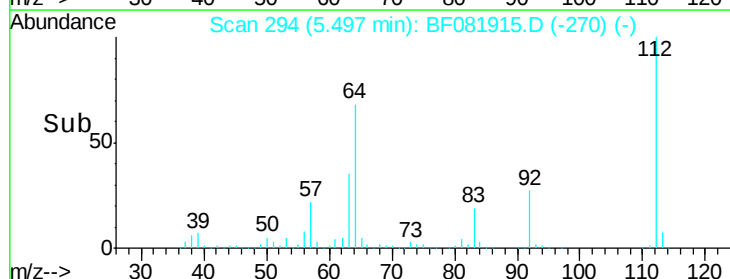
63 34.9 17.4 26.0#

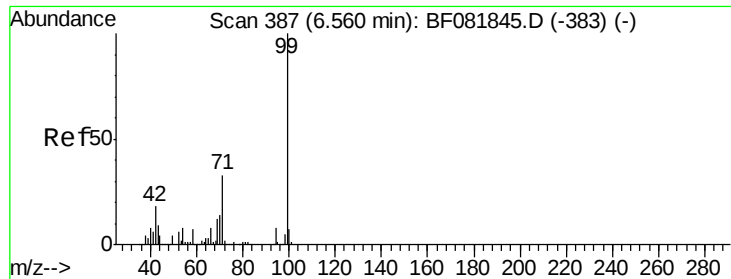


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.21 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

Instrument :

BNA_F

ClientSampleId :

SB-02(EAST)

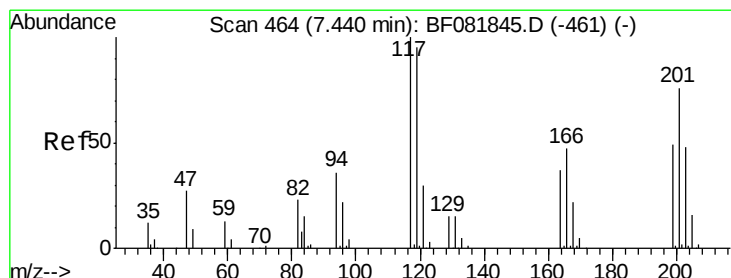
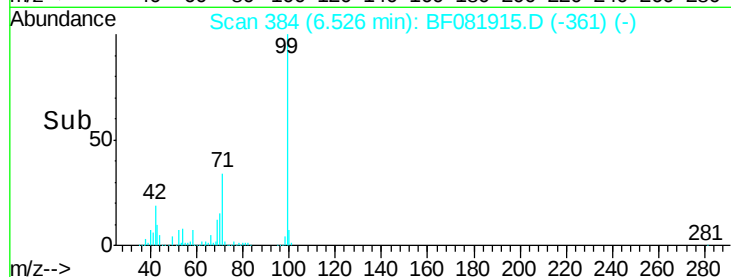
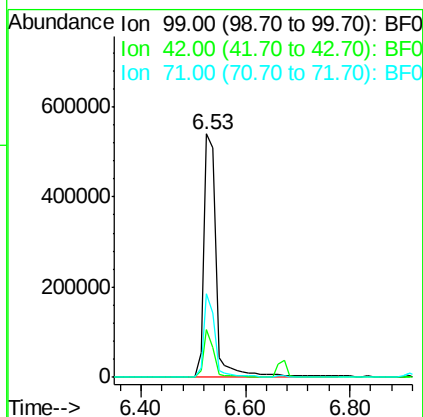
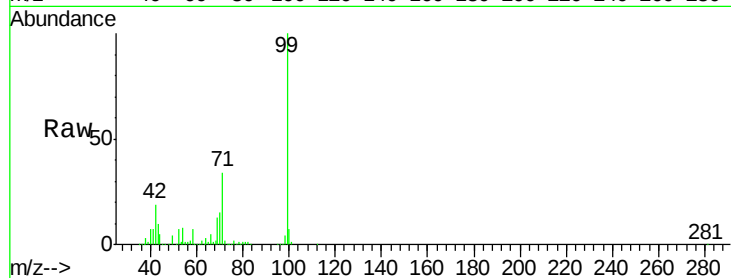
Tgt Ion: 99 Resp: 892340

Ion Ratio Lower Upper

99 100

42 19.5 13.7 20.5

71 34.1 14.2 21.2#



#18

Hexachloroethane

Concen: 2.09 ng

RT: 7.47 min Scan# 467

Delta R.T. 0.03 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

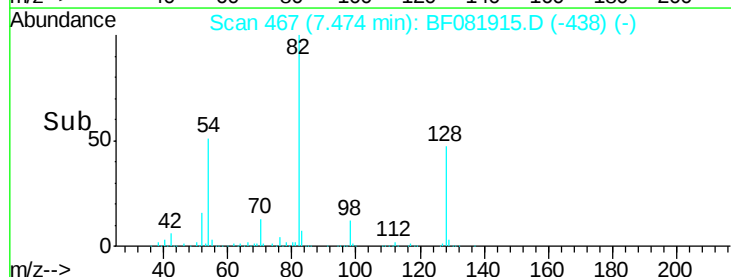
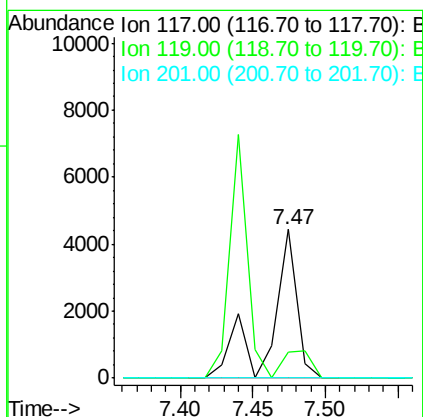
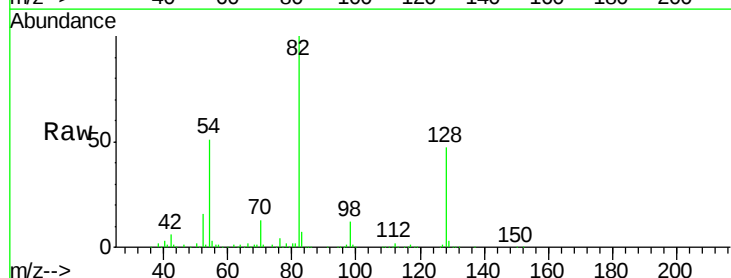
Tgt Ion: 117 Resp: 5571

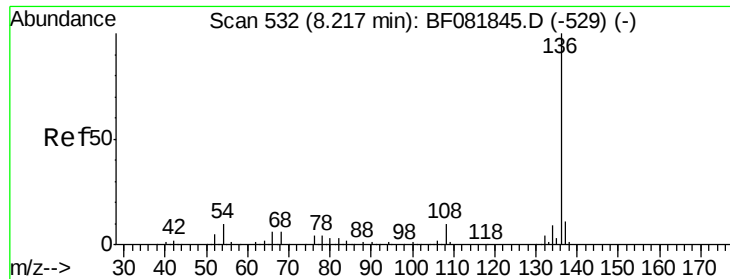
Ion Ratio Lower Upper

117 100

119 17.4 83.8 125.6#

201 0.0 55.1 82.7#

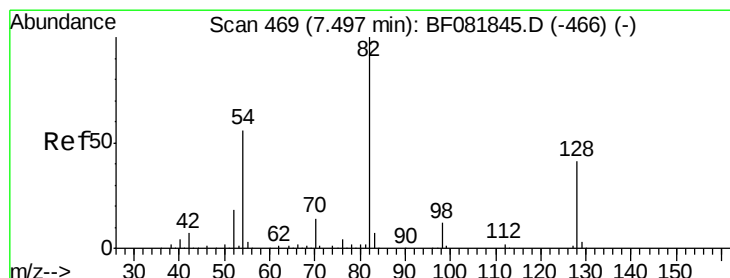
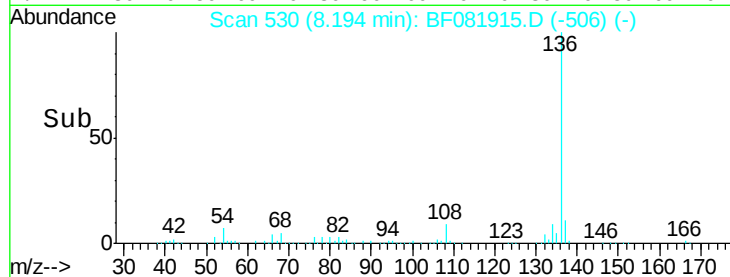
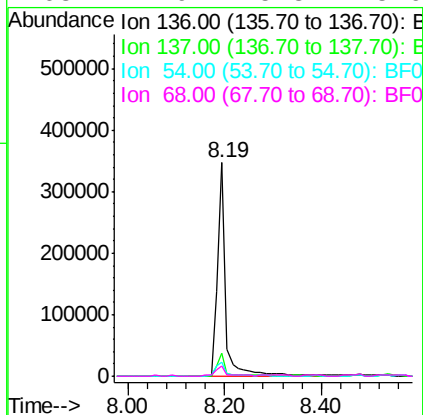
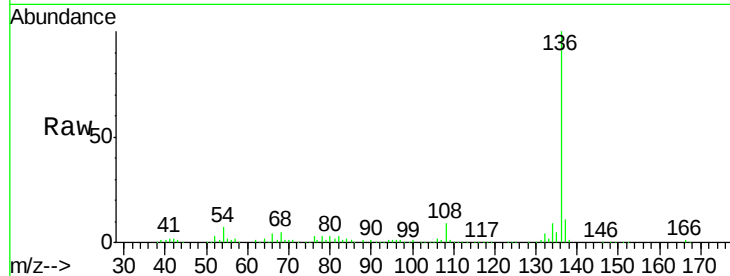




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF081915.D
Acq: 30 Sep 2015 21:50

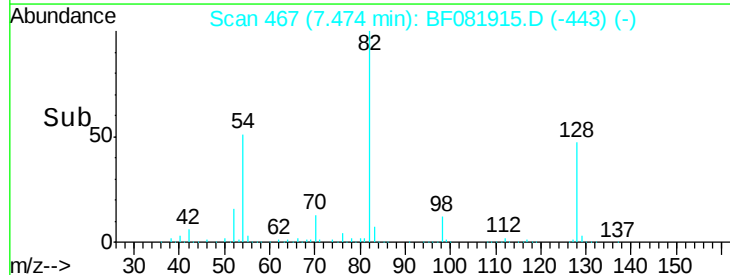
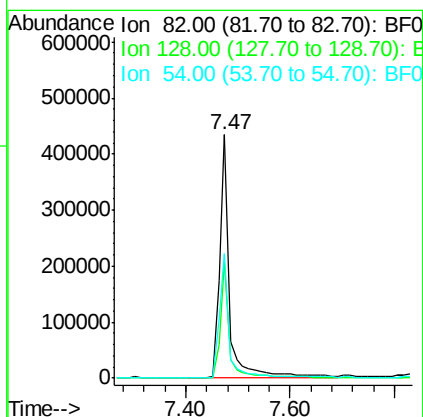
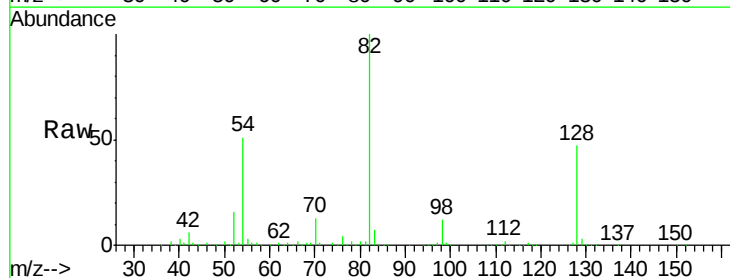
Instrument :
BNA_F
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SB-02(EAST)

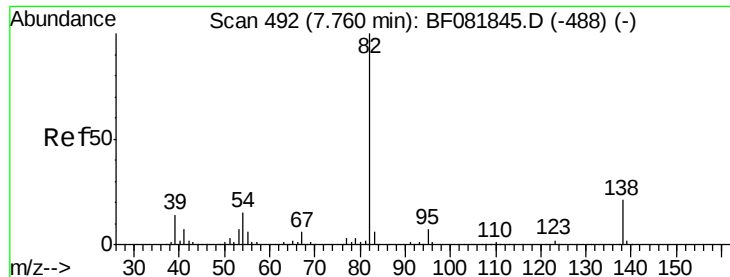
Tgt Ion:	136	Resp:	431052
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.8	8.2	12.2#
68	4.9	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 90.77 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF081915.D
Acq: 30 Sep 2015 21:50

Tgt Ion:	82	Resp:	586957
Ion	Ratio	Lower	Upper
82	100		
128	47.3	51.0	76.6#
54	51.2	47.5	71.3





#25

Isophorone

Concen: 32.86 ng

RT: 7.47 min Scan# 467

Delta R.T. -0.29 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

Instrument :

BNA_F

ClientSampleId :

SB-02(EAST)

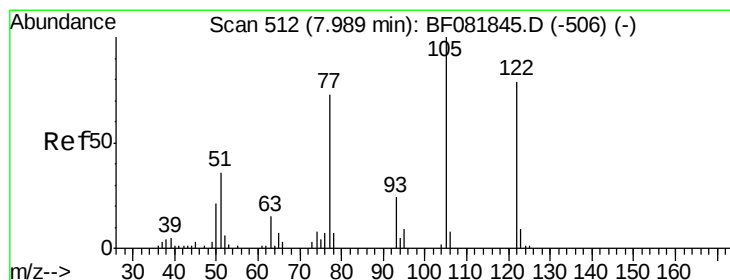
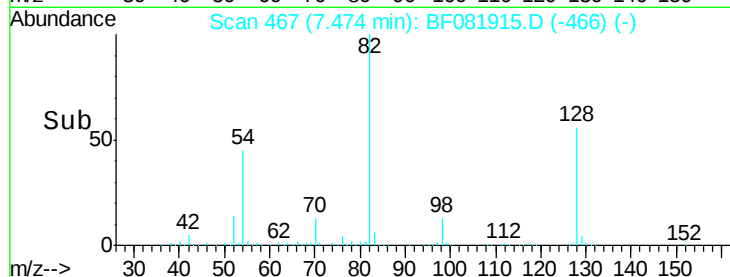
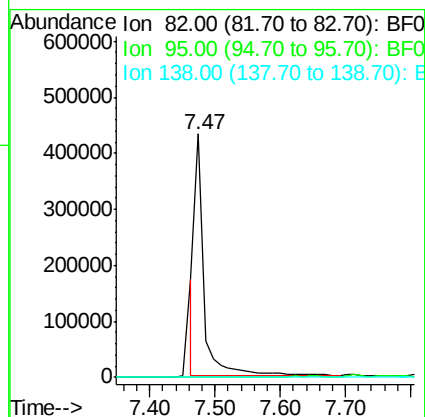
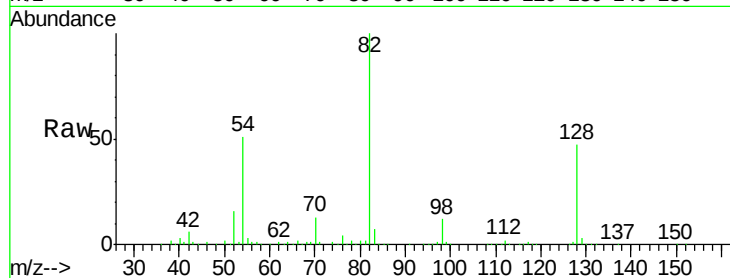
Tgt Ion: 82 Resp: 421160

Ion Ratio Lower Upper

82 100

95 0.3 4.0 6.0#

138 0.0 18.3 27.5#



#32

Benzoic acid

Concen: 7.41 ng

RT: 7.84 min Scan# 499

Delta R.T. -0.15 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

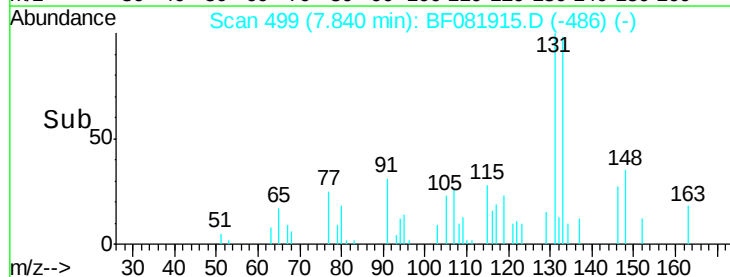
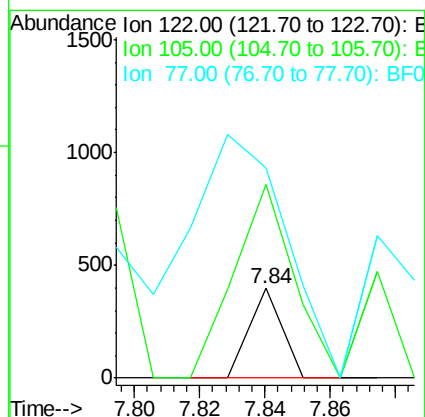
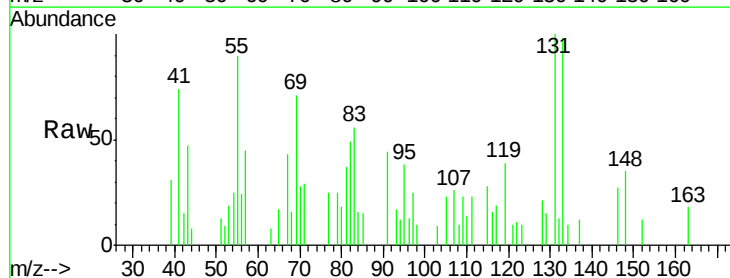
Tgt Ion: 122 Resp: 274

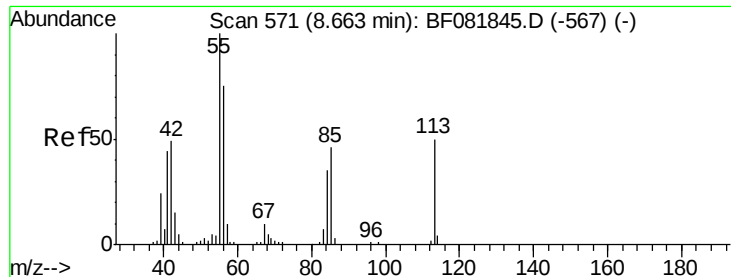
Ion Ratio Lower Upper

122 100

105 214.8 76.1 116.1#

77 233.1 40.5 80.5#





#35

Caprolactam

Concen: 7.04 ng

RT: 8.61 min Scan# 566

Delta R.T. -0.06 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

Instrument :

BNA_F

ClientSampleId :

SB-02(EAST)

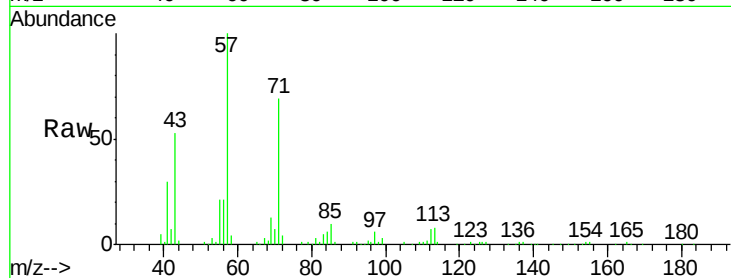
Tgt Ion:113 Resp: 11206

Ion Ratio Lower Upper

113 100

55 264.1 152.4 192.4#

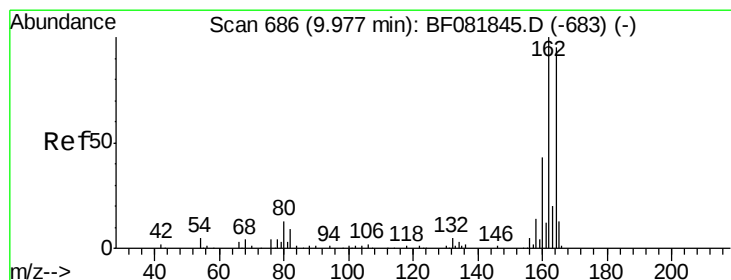
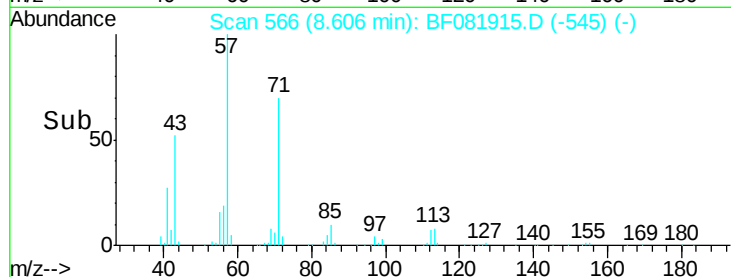
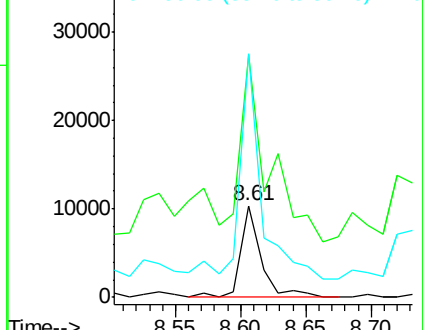
56 265.8 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

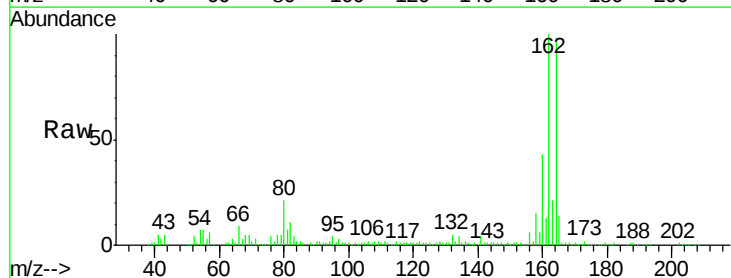
Tgt Ion:164 Resp: 207773

Ion Ratio Lower Upper

164 100

162 101.8 75.2 112.8

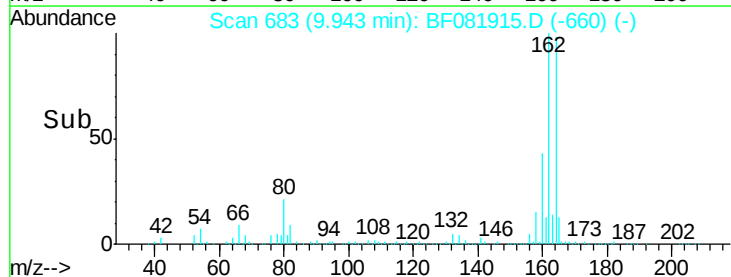
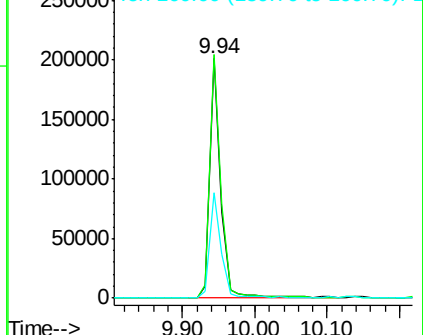
160 44.1 31.5 47.3

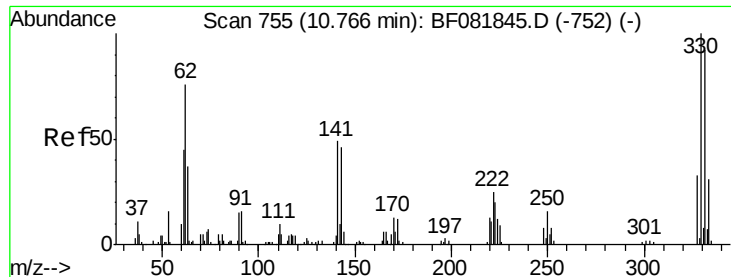


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

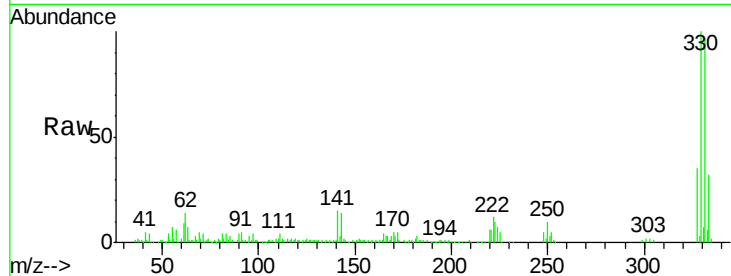




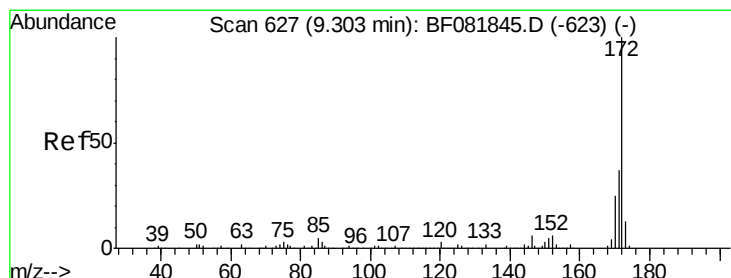
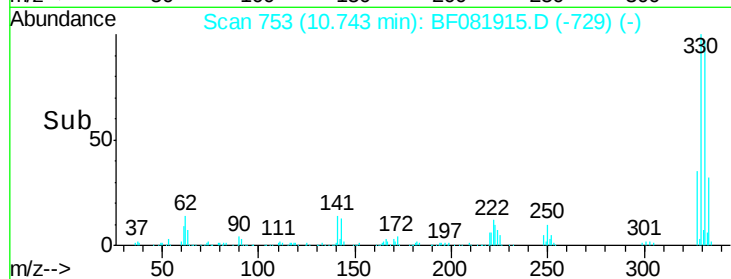
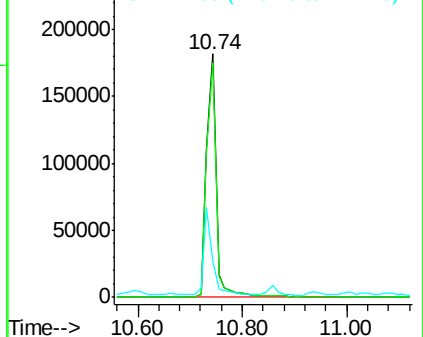
#41
 2,4,6-Tribromophenol
 Concen: 112.03 ng
 RT: 10.74 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF081915.D
 Acq: 30 Sep 2015 21:50

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(EAST)

Tgt Ion:330 Resp: 235730
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 31.2 29.7 44.5

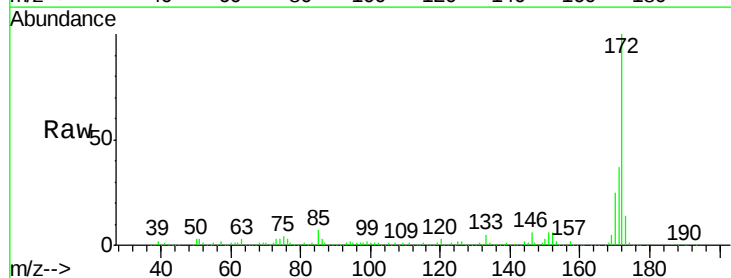


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

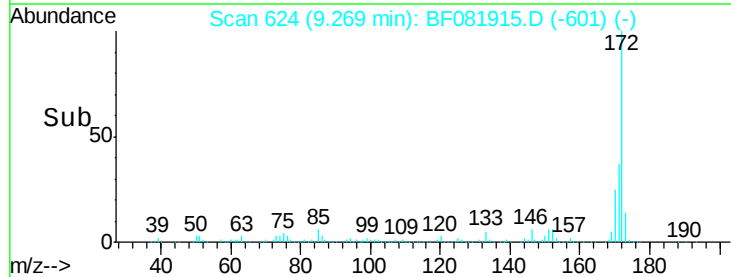
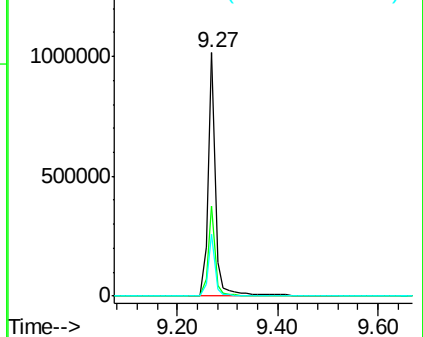


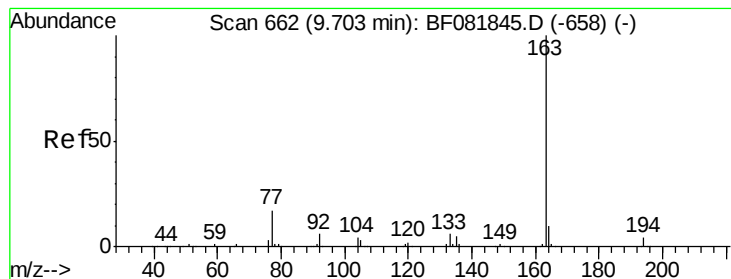
#44
 2-Fluorobiphenyl
 Concen: 83.89 ng
 RT: 9.27 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF081915.D
 Acq: 30 Sep 2015 21:50

Tgt Ion:172 Resp: 1044282
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.3 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: 18.01 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

Instrument :

BNA_F

ClientSampleId :

SB-02(EAST)

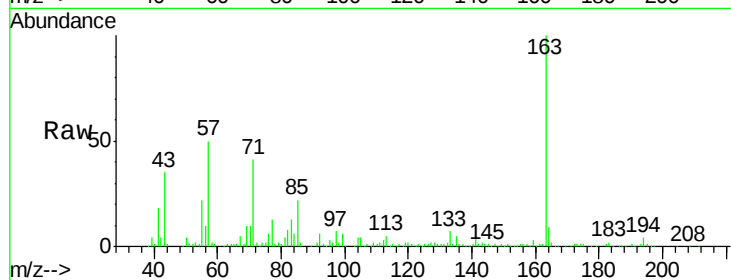
Tgt Ion:163 Resp: 258295

Ion Ratio Lower Upper

163 100

194 4.1 4.4 6.6#

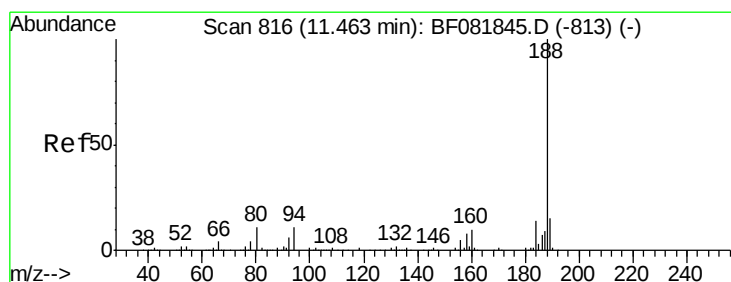
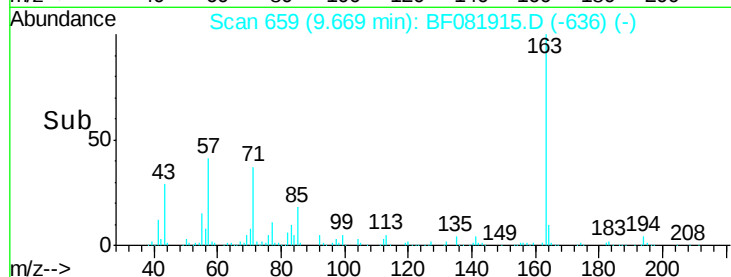
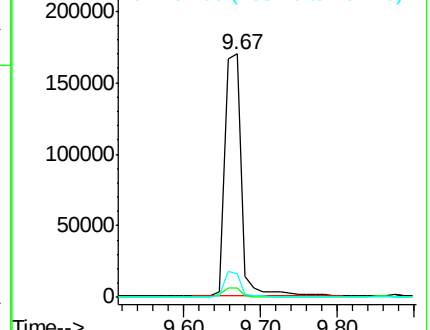
164 9.5 8.3 12.5



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: 11.43 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

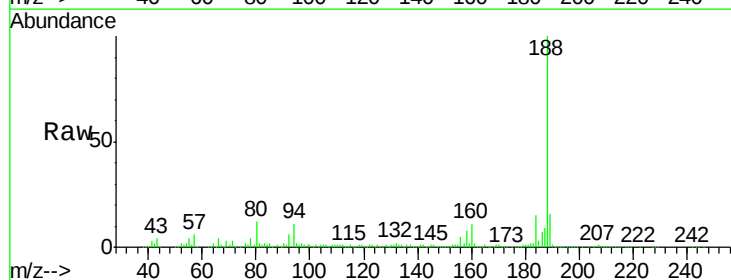
Tgt Ion:188 Resp: 396888

Ion Ratio Lower Upper

188 100

94 10.8 11.1 16.7#

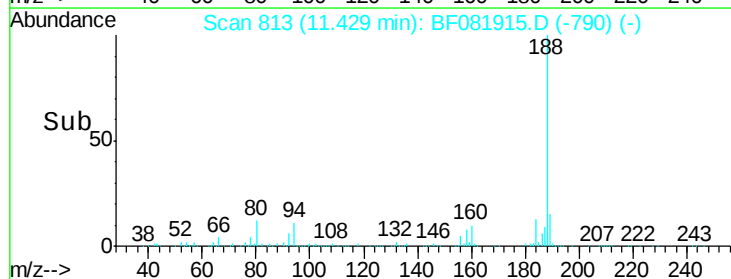
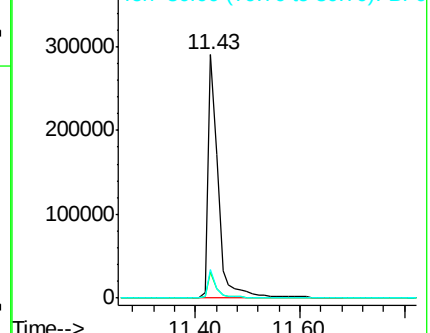
80 11.8 11.0 16.4

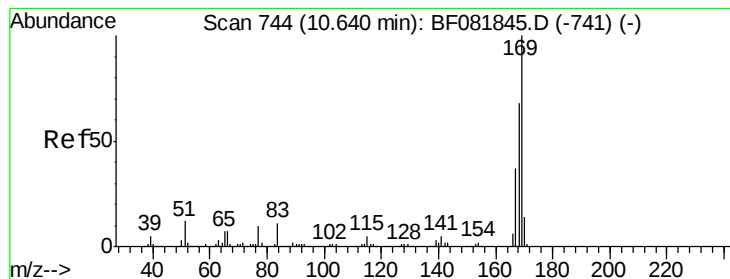


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 3.16 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

Instrument :

BNA_F

ClientSampleId :

SB-02(EAST)

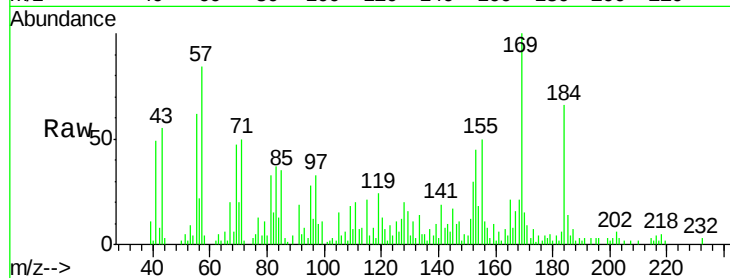
Tgt Ion:169 Resp: 38003

Ion Ratio Lower Upper

169 100

168 21.0 48.9 73.3#

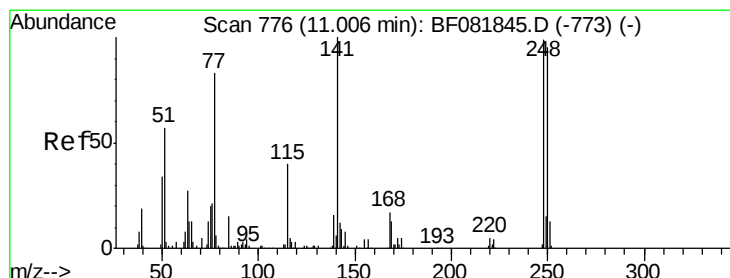
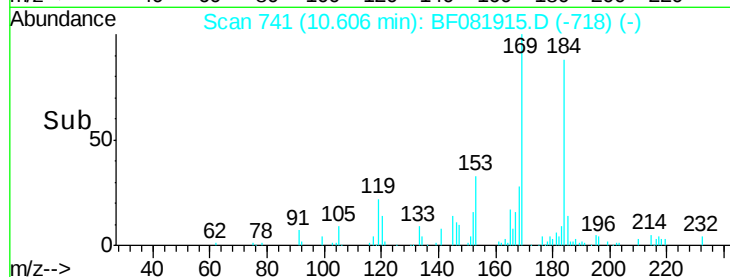
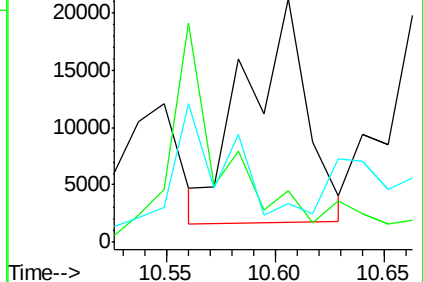
167 15.7 26.2 39.4#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.64 ng

RT: 10.73 min Scan# 752

Delta R.T. -0.27 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

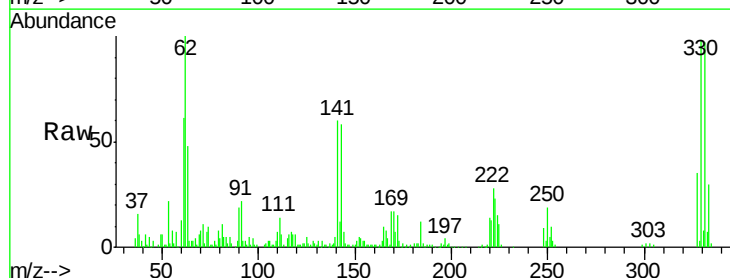
Tgt Ion:248 Resp: 14548

Ion Ratio Lower Upper

248 100

250 214.4 78.5 117.7#

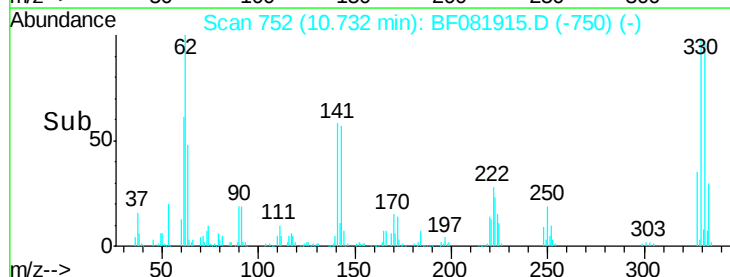
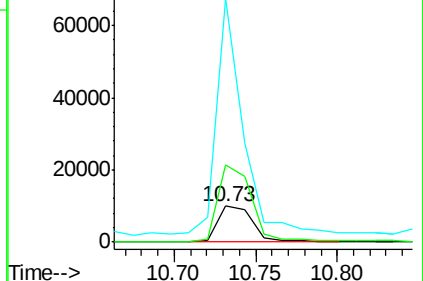
141 679.4 59.0 88.6#

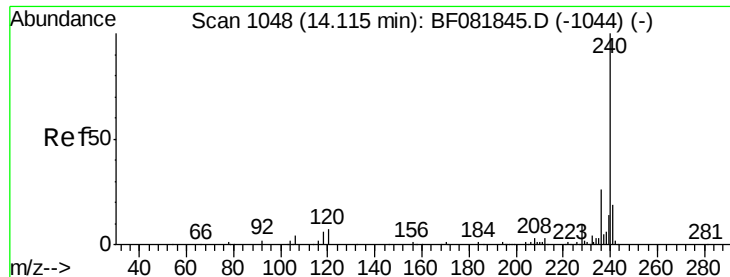


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

Instrument :

BNA_F

ClientSampleId :

SB-02(EAST)

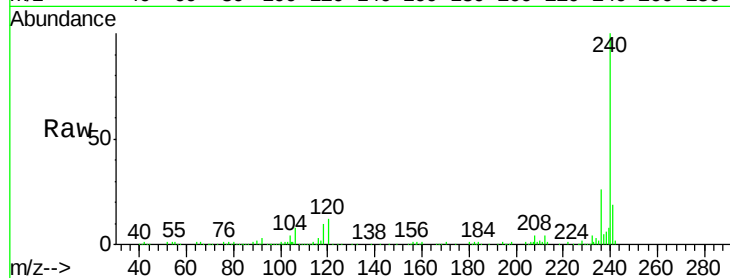
Tgt Ion:240 Resp: 321301

Ion Ratio Lower Upper

240 100

120 12.0 16.2 24.2#

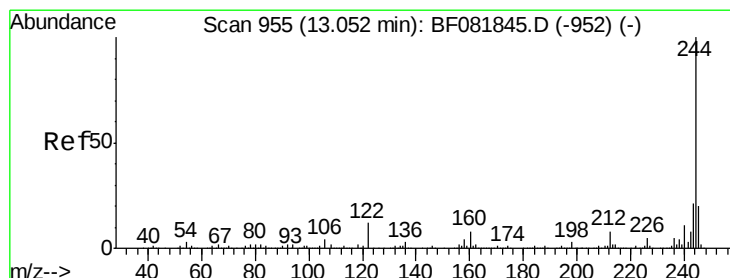
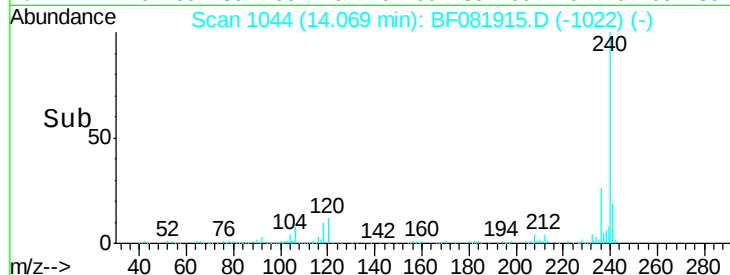
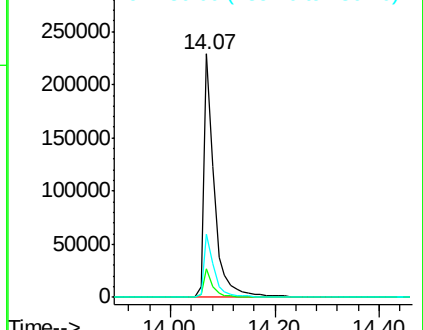
236 25.7 18.4 27.6



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: 113.01 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

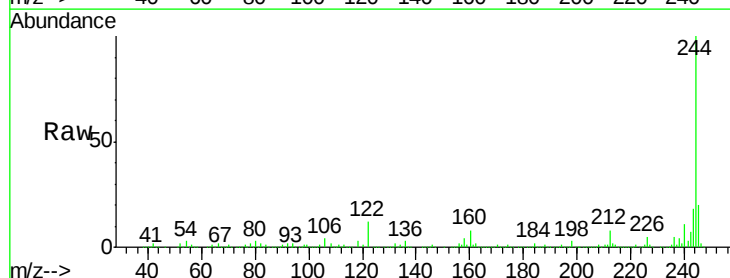
Tgt Ion:244 Resp: 1024238

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

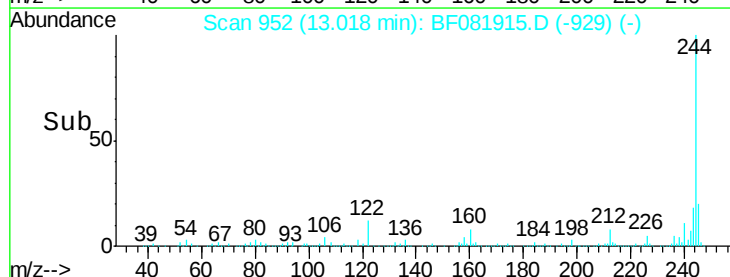
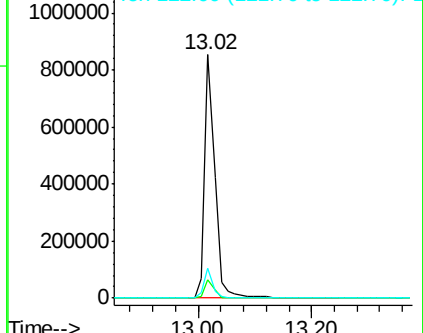
122 12.4 17.4 26.2#

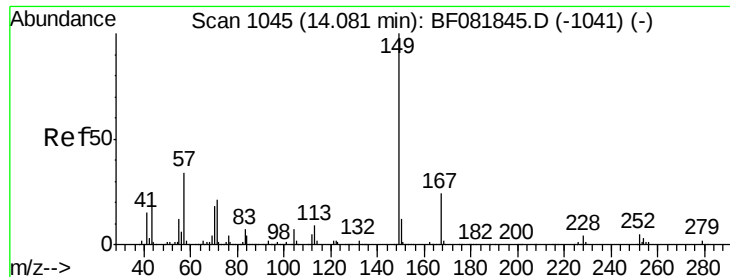


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.82 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.03 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

Instrument :

BNA_F

ClientSampleId :

SB-02(EAST)

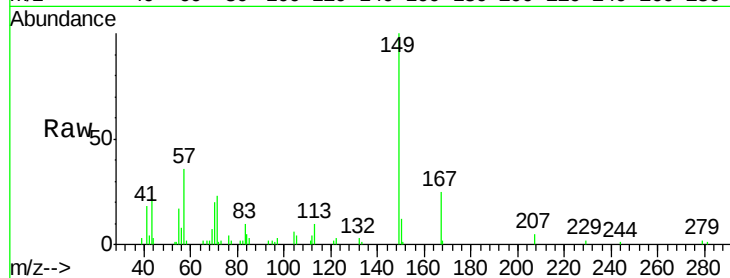
Tgt Ion:149 Resp: 25544

Ion Ratio Lower Upper

149 100

167 25.1 24.2 36.2

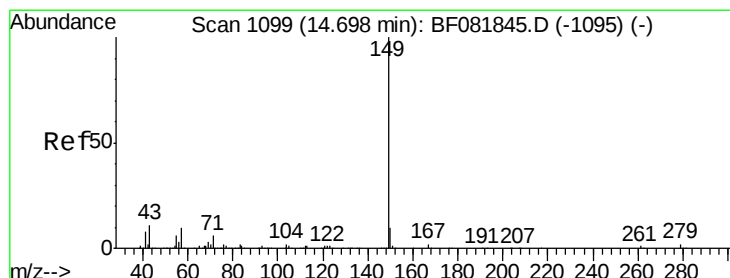
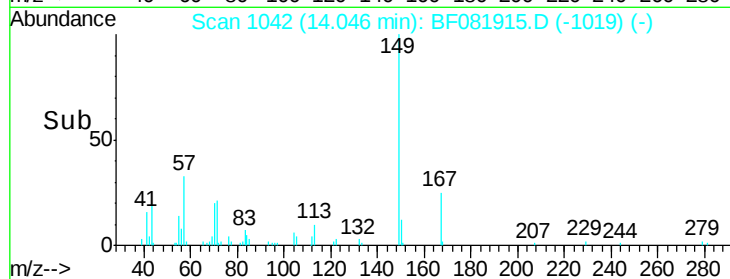
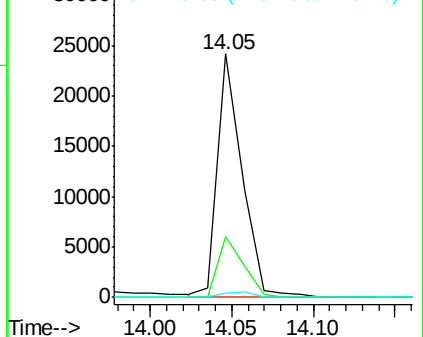
279 2.0 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 4.69 ng

RT: 14.70 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF081915.D

Acq: 30 Sep 2015 21:50

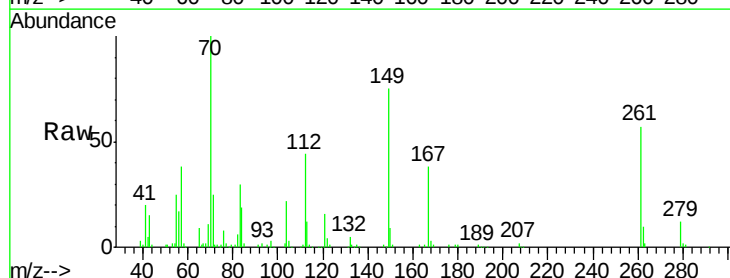
Tgt Ion:149 Resp: 69192

Ion Ratio Lower Upper

149 100

167 48.4 1.0 1.6#

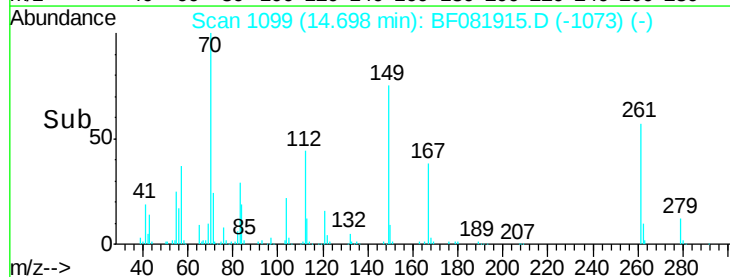
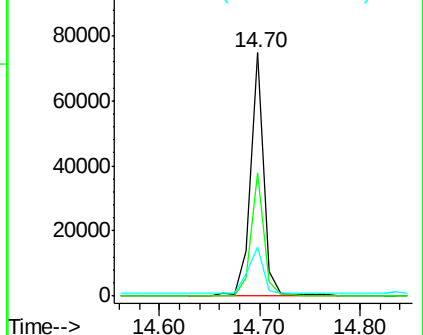
43 22.6 10.2 15.2#

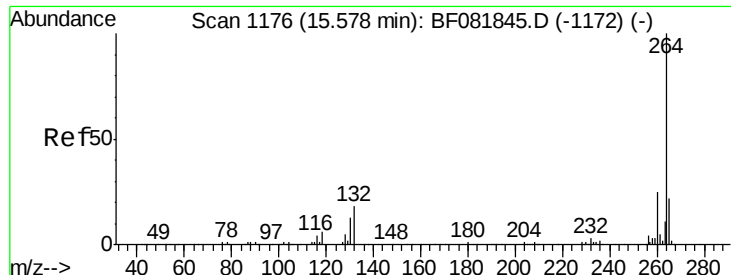


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

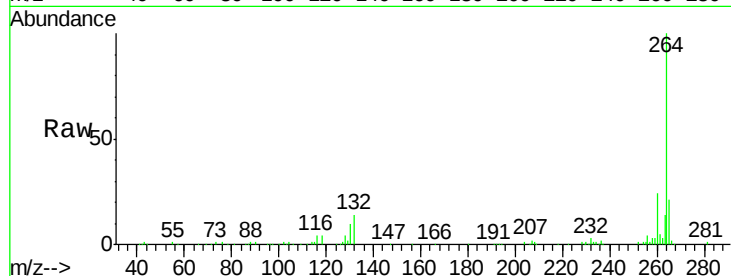




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF081915.D
Acq: 30 Sep 2015 21:50

Instrument :
BNA_F
ClientSampleId :
SB-02(EAST)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.3	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

