

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
 Data File : BF081929.D
 Acq On : 1 Oct 2015 4:56
 Operator : UM/IZ
 Sample : G3846-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 008-TB-7(8-9.7)

Quant Time: Oct 01 06:02:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 05:22:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110822	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	412474	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	186600	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	313990	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	310041	20.00	ng	-0.01
86) Perylene-d12	15.53	264	292124	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	765917	125.46	ng	0.01
7) Phenol-d6	6.54	99	954952	124.31	ng	0.00
23) Nitrobenzene-d5	7.47	82	554642	89.64	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	227680	120.48	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	957213	86.04	ng	0.00
78) Terphenyl-d14	13.02	244	814989	84.86	ng	0.00

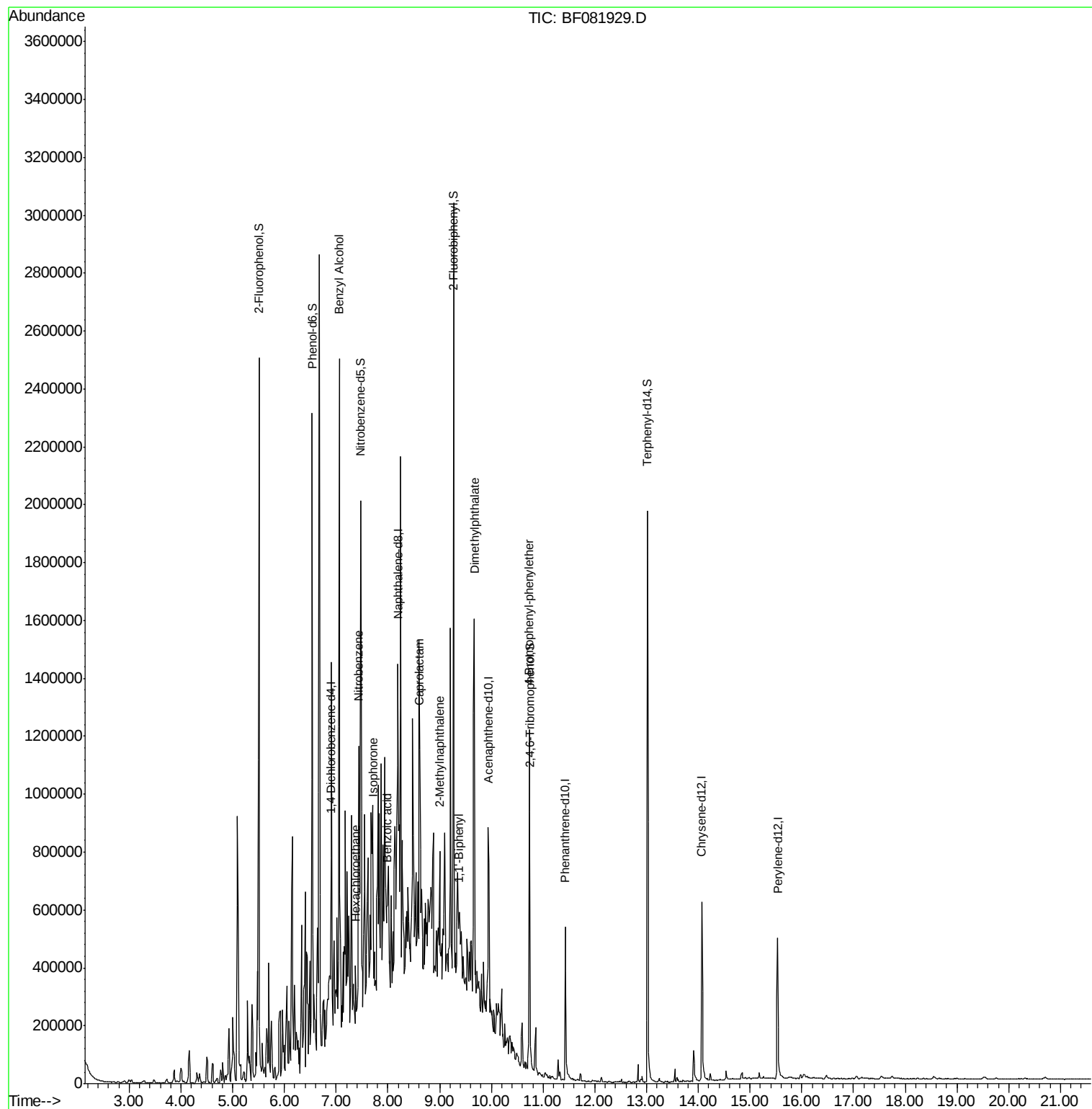
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.06	79	17016	3.07	ng	# 33
18) Hexachloroethane	7.37	117	6833	2.62	ng	# 1
24) Nitrobenzene	7.44	77	18643	2.77	ng	# 17
25) Isophorone	7.71	82	40226	3.28	ng	# 1
32) Benzoic acid	7.98	122	4132	8.38	ng	# 8
35) Caprolactam	8.62	113	39213	25.75	ng	# 47
37) 2-Methylnaphthalene	9.01	142	127356	10.21	ng	# 89
45) 1,1'-Biphenyl	9.37	154	34651	2.41	ng	# 94
49) Dimethylphthalate	9.67	163	283668	22.02	ng	# 98
53) 2,4-Dinitrophenol	10.16	184	237	Below Cal		# 1
57) Fluorene	10.49	166	2752	Below Cal		# 63
66) 4-Bromophenyl-phenylether	10.73	248	14283	4.51	ng	# 1
70) Phenanthrene	11.45	178	1328	Below Cal		# 62
73) Di-n-butylphthalate	11.99	149	1381	Below Cal		# 78

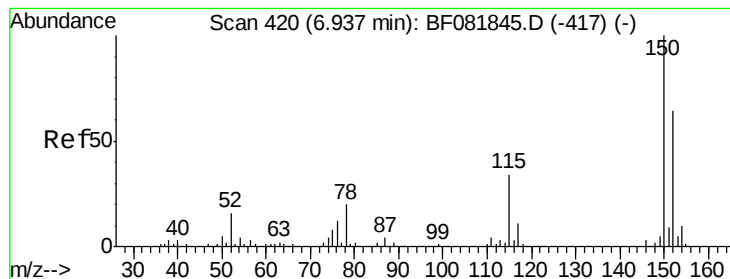
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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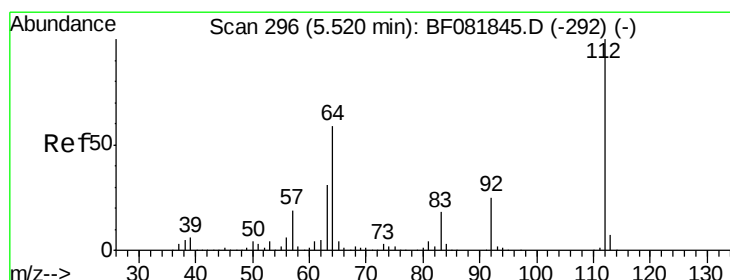
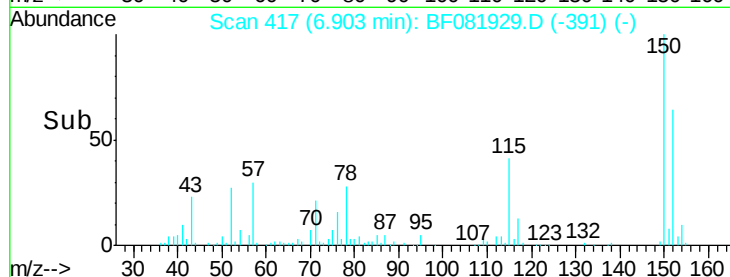
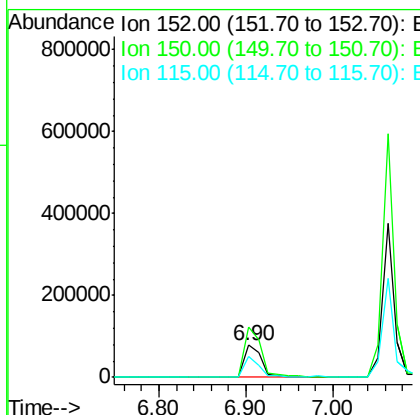
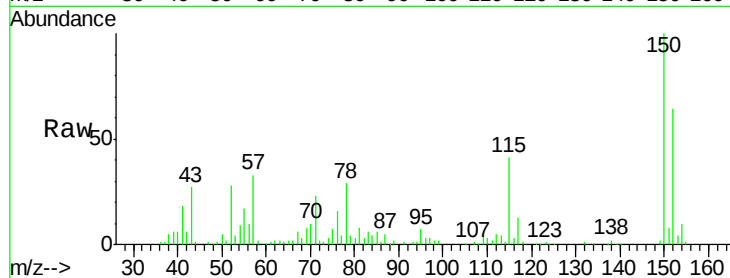


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 008-TB-7(8-9.7)

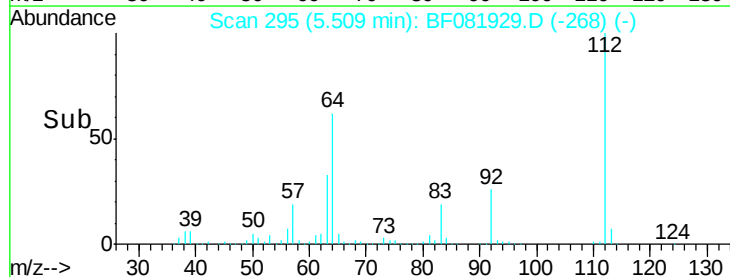
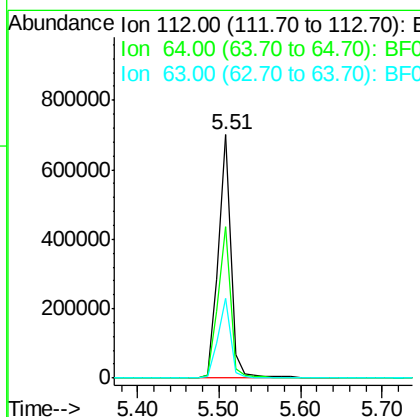
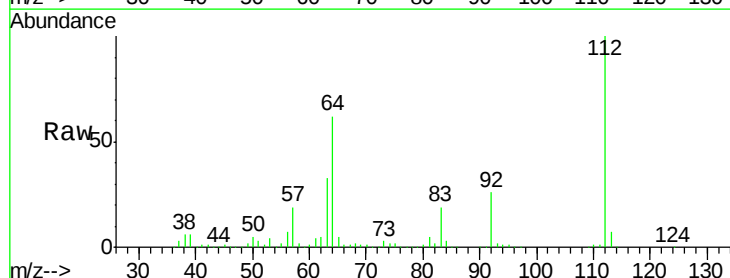
Tgt Ion:152 Resp: 110822
 Ion Ratio Lower Upper
 152 100
 150 156.7 124.7 187.1
 115 64.3 39.0 58.4#

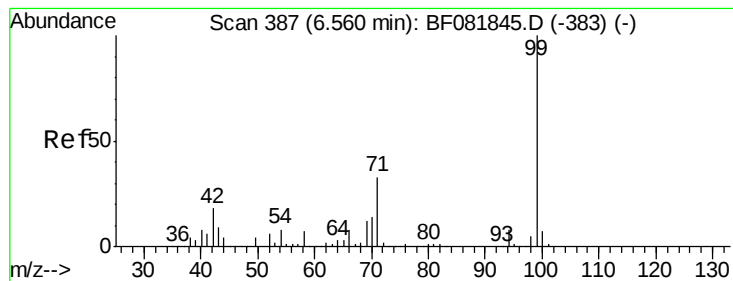


#5

2-Fluorophenol
 Concen: 125.46 ng
 RT: 5.51 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

Tgt Ion:112 Resp: 765917
 Ion Ratio Lower Upper
 112 100
 64 62.1 39.7 59.5#
 63 32.7 17.4 26.0#





#7

Phenol-d6

Concen: 124.31 ng

RT: 6.54 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF081929.D

Acq: 1 Oct 2015 4:56

Instrument :

BNA_F

ClientSampleId :

008-TB-7(8-9.7)

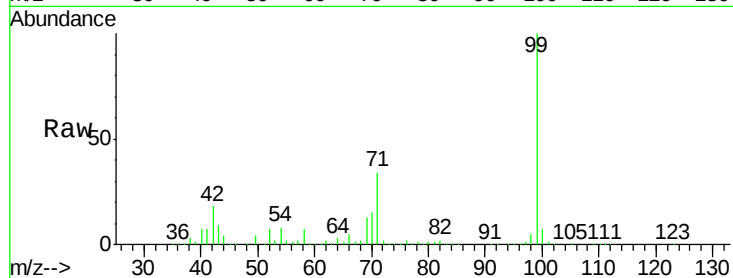
Tgt Ion: 99 Resp: 954952

Ion Ratio Lower Upper

99 100

42 18.0 13.7 20.5

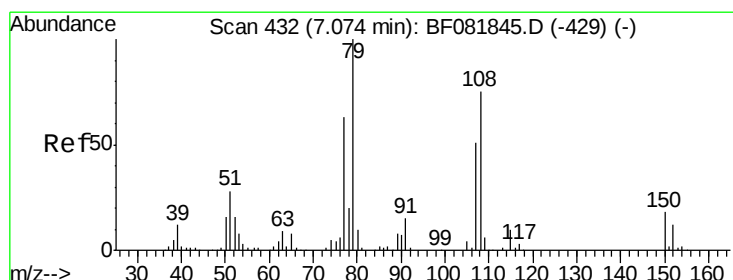
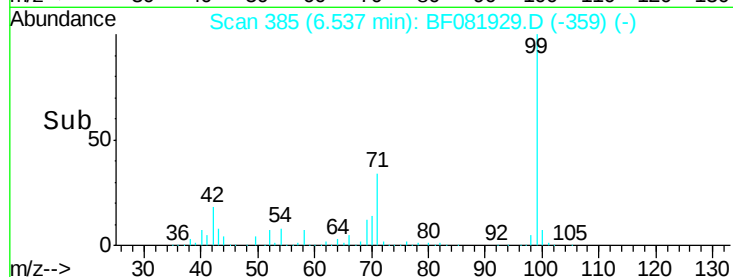
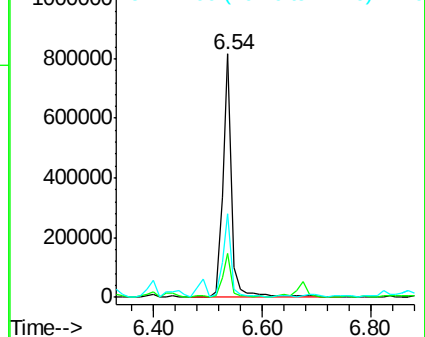
71 34.1 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 3.07 ng

RT: 7.06 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF081929.D

Acq: 1 Oct 2015 4:56

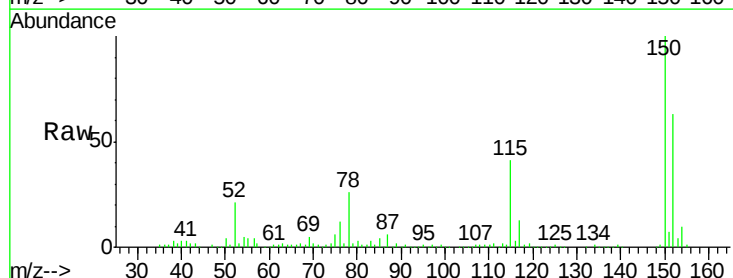
Tgt Ion: 79 Resp: 17016

Ion Ratio Lower Upper

79 100

108 29.5 88.6 132.8#

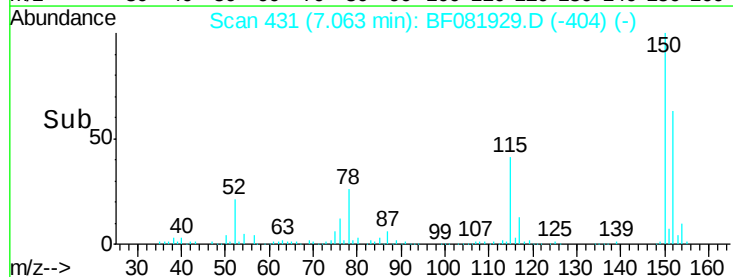
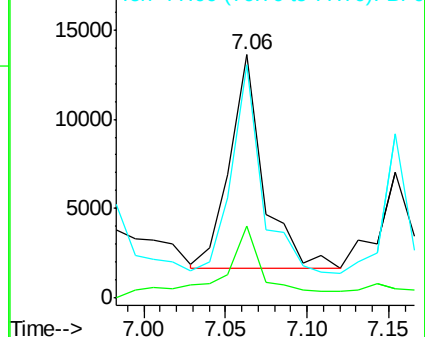
77 95.9 47.0 70.4#

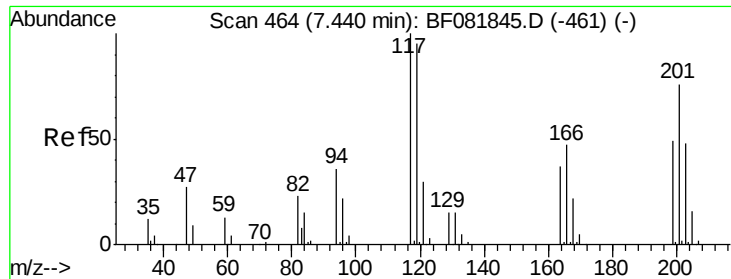


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0

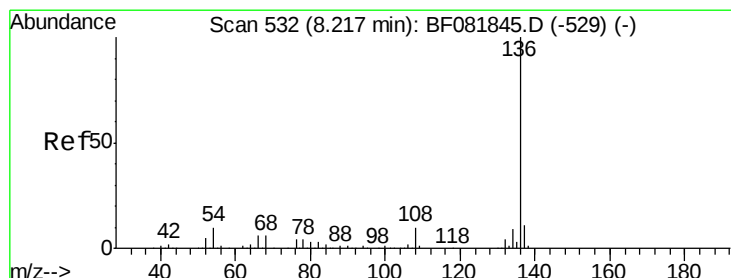
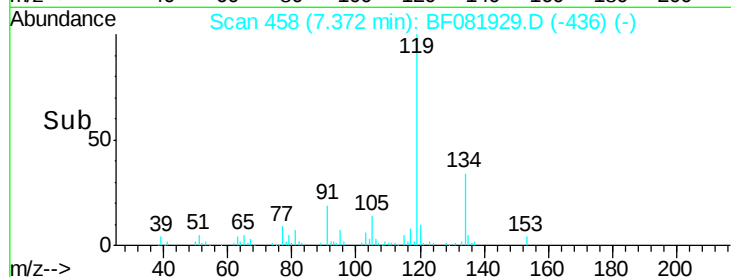
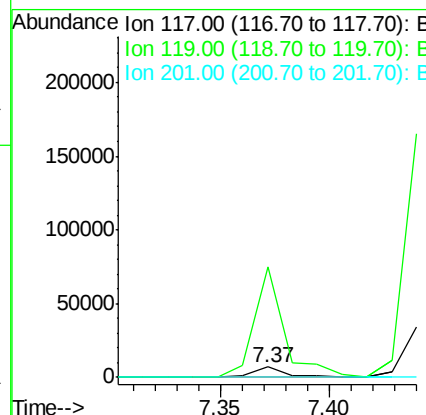
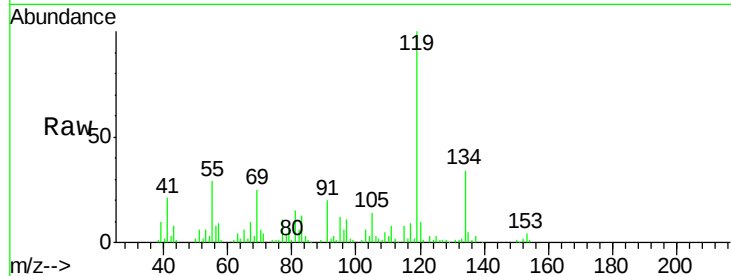




#18
Hexachloroethane
Concen: 2.62 ng
RT: 7.37 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF081929.D
Acq: 1 Oct 2015 4:56

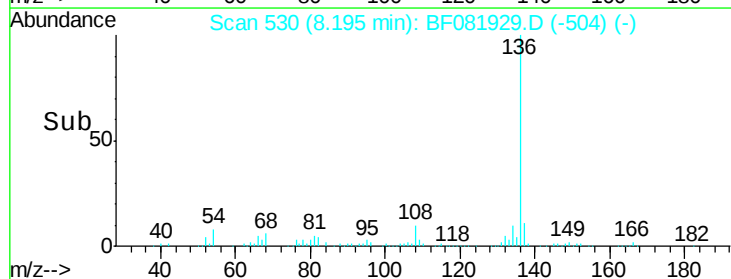
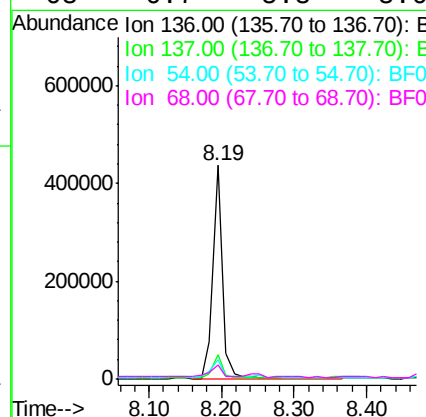
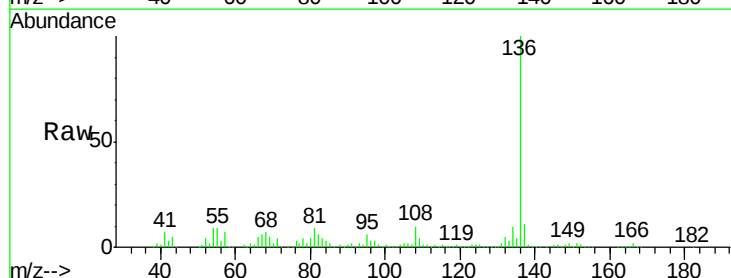
Instrument :
BNA_F
ClientSampleId :
008-TB-7(8-9.7)

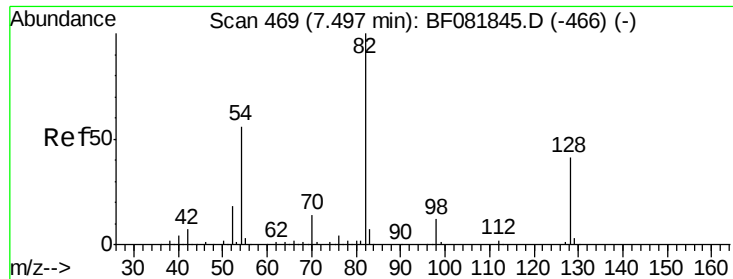
Tgt Ion:117 Resp: 6833
Ion Ratio Lower Upper
117 100
119 1075.4 83.8 125.6#
201 0.0 55.1 82.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF081929.D
Acq: 1 Oct 2015 4:56

Tgt Ion:136 Resp: 412474
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.9 8.2 12.2
68 6.7 5.8 8.6

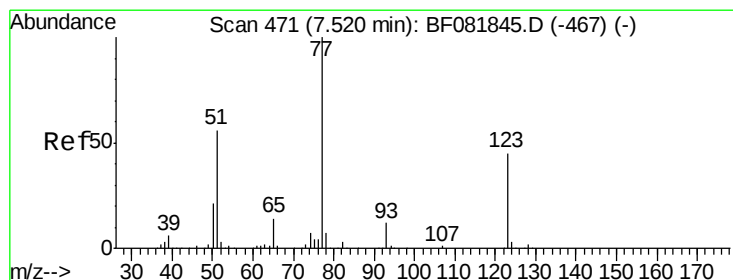
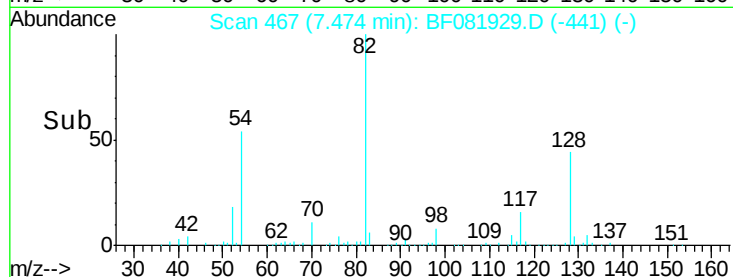
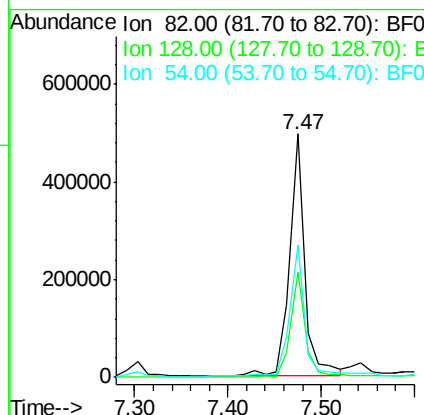
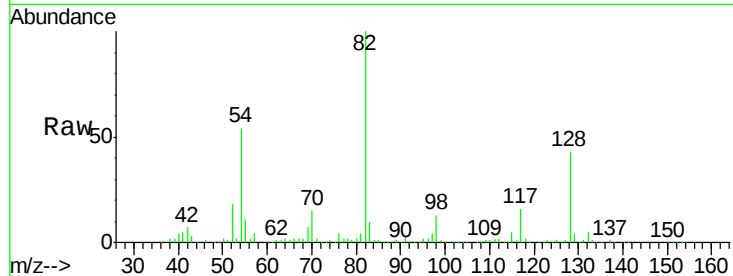




#23
 Nitrobenzene-d5
 Concen: 89.64 ng
 RT: 7.47 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

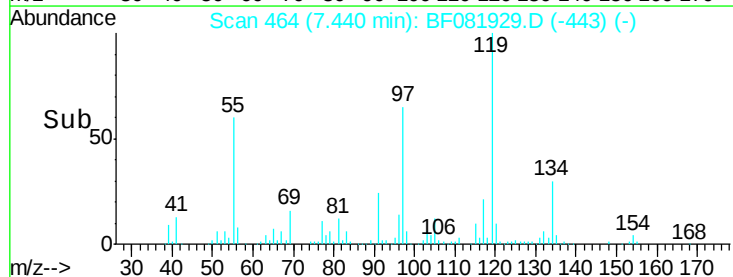
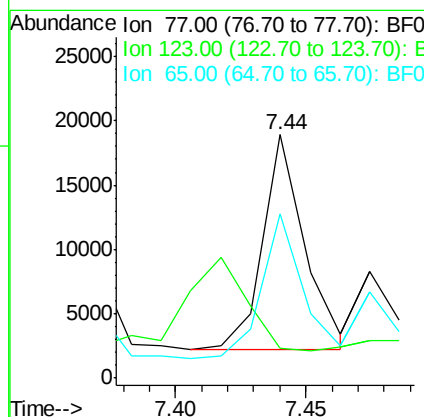
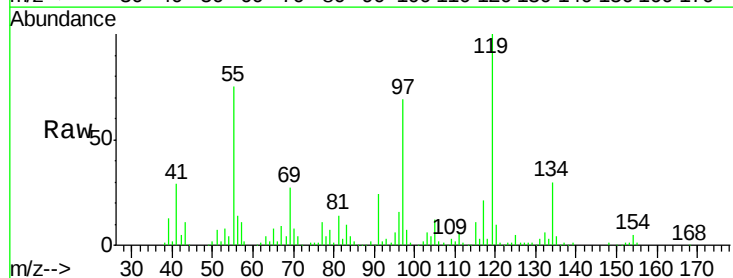
Instrument :
 BNA_F
 ClientSampleId :
 008-TB-7(8-9.7)

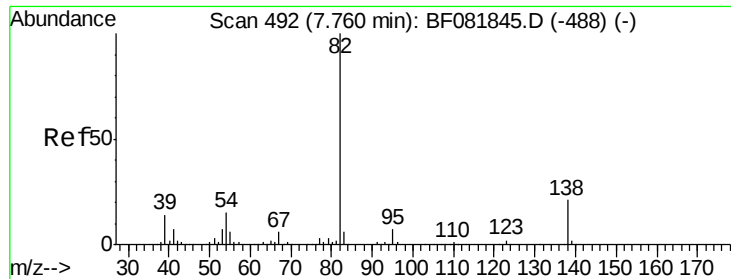
Tgt Ion: 82 Resp: 554642
 Ion Ratio Lower Upper
 82 100
 128 43.5 51.0 76.6#
 54 54.3 47.5 71.3



#24
 Nitrobenzene
 Concen: 2.77 ng
 RT: 7.44 min Scan# 464
 Delta R.T. -0.06 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

Tgt Ion: 77 Resp: 18643
 Ion Ratio Lower Upper
 77 100
 123 12.0 59.8 89.8#
 65 67.6 10.2 15.4#





#25

Isophorone

Concen: 3.28 ng

RT: 7.71 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF081929.D

Acq: 1 Oct 2015 4:56

Instrument :

BNA_F

ClientSampleId :

008-TB-7(8-9.7)

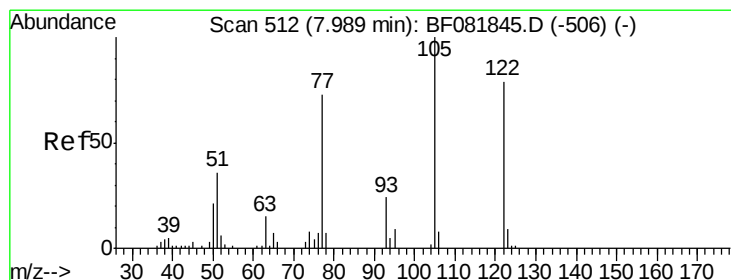
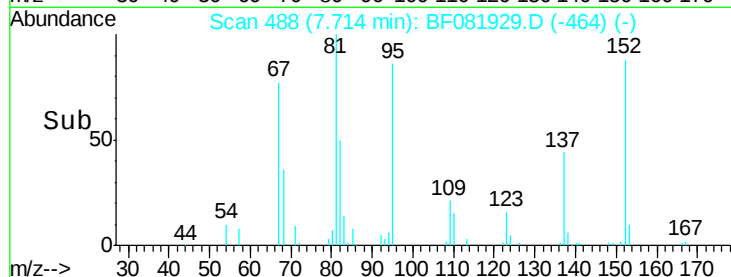
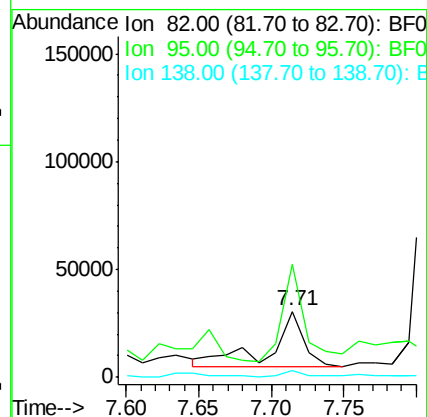
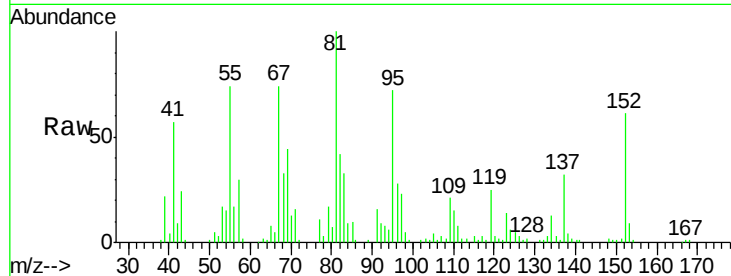
Tgt Ion: 82 Resp: 40226

Ion Ratio Lower Upper

82 100

95 170.7 4.0 6.0#

138 10.2 18.3 27.5#



#32

Benzoic acid

Concen: 8.38 ng

RT: 7.98 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF081929.D

Acq: 1 Oct 2015 4:56

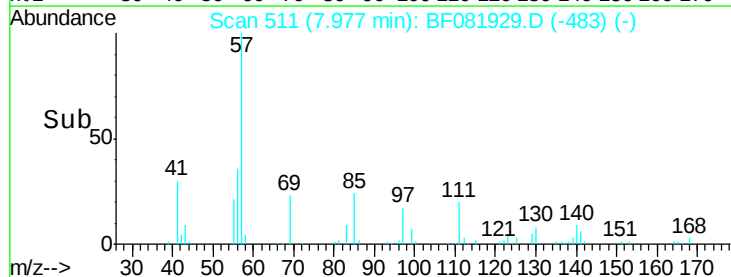
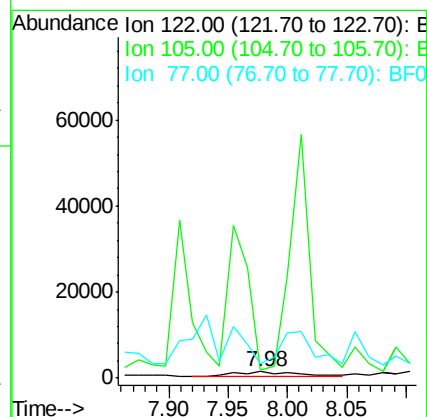
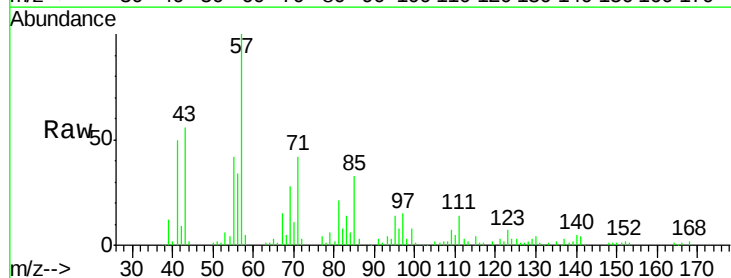
Tgt Ion: 122 Resp: 4132

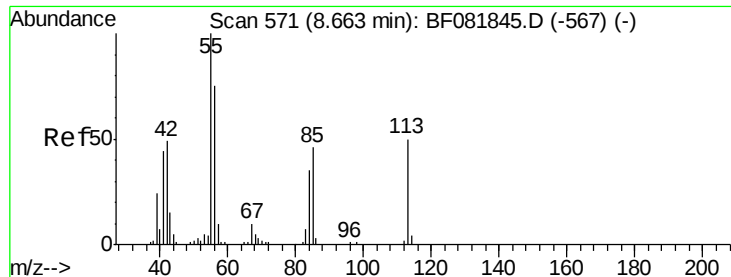
Ion Ratio Lower Upper

122 100

105 113.8 76.1 116.1

77 220.1 40.5 80.5#

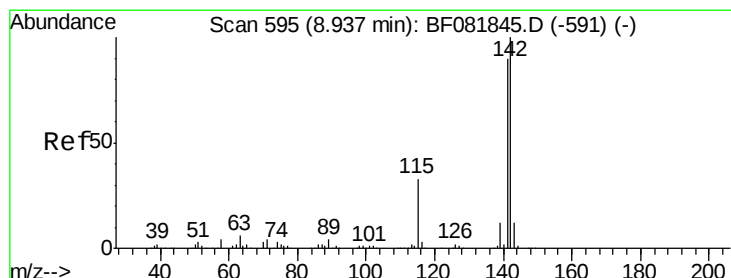
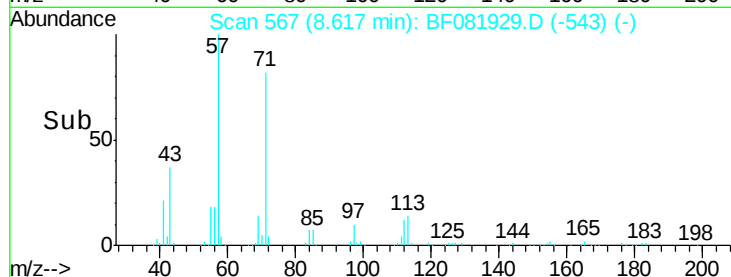
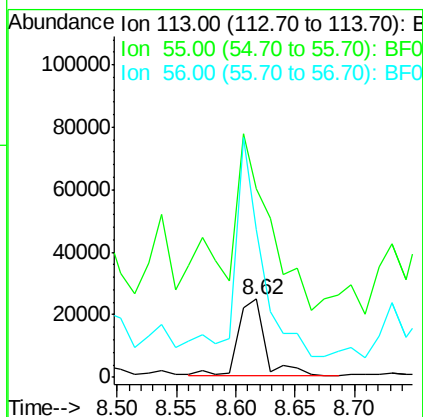
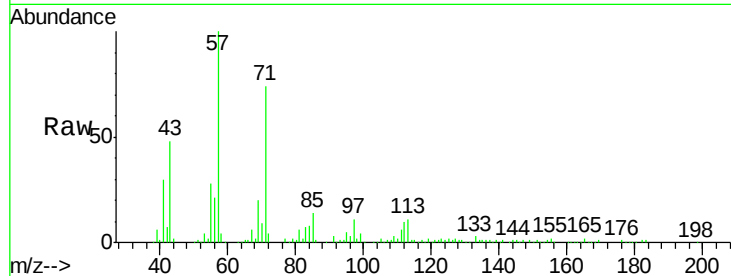




#35
 Caprolactam
 Concen: 25.75 ng
 RT: 8.62 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

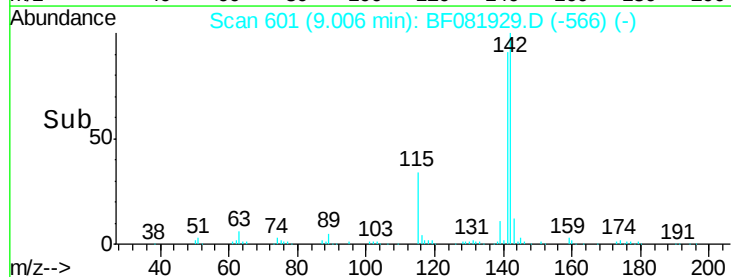
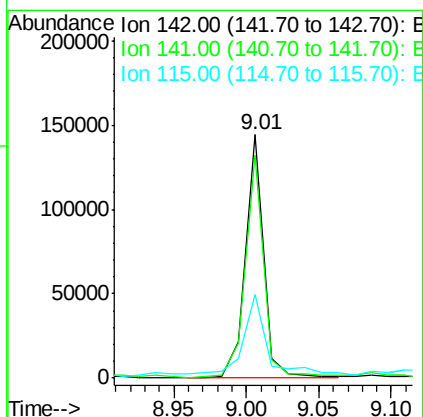
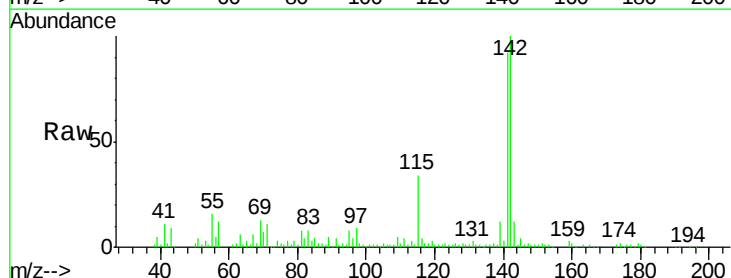
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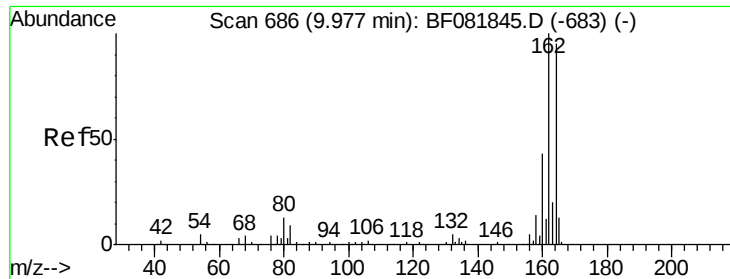
Tgt Ion:113 Resp: 39213
 Ion Ratio Lower Upper
 113 100
 55 242.7 152.4 192.4#
 56 188.9 104.6 144.6#



#37
 2-Methylnaphthalene
 Concen: 10.21 ng
 RT: 9.01 min Scan# 601
 Delta R.T. 0.10 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

Tgt Ion:142 Resp: 127356
 Ion Ratio Lower Upper
 142 100
 141 91.7 67.5 101.3
 115 34.3 18.2 27.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF081929.D

Acq: 1 Oct 2015 4:56

Instrument :

BNA_F

ClientSampleId :

008-TB-7(8-9.7)

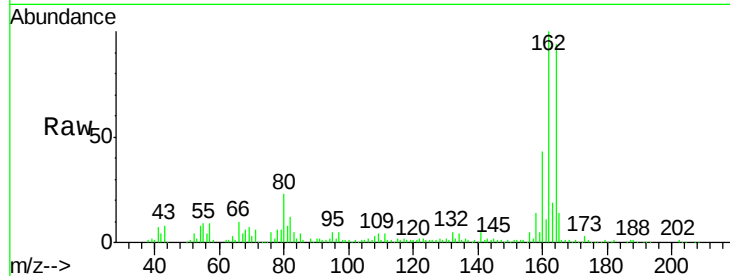
Tgt Ion:164 Resp: 186600

Ion Ratio Lower Upper

164 100

162 106.3 75.2 112.8

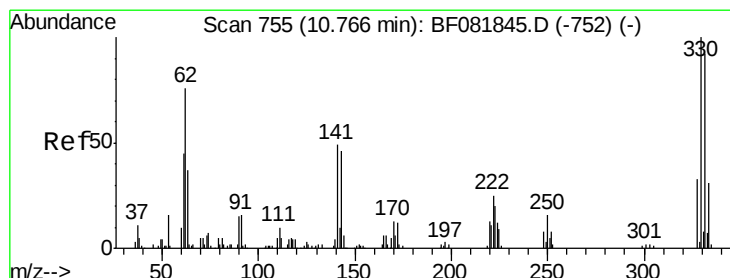
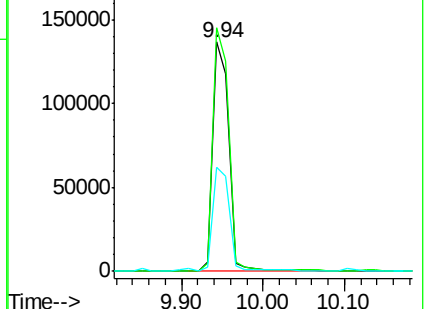
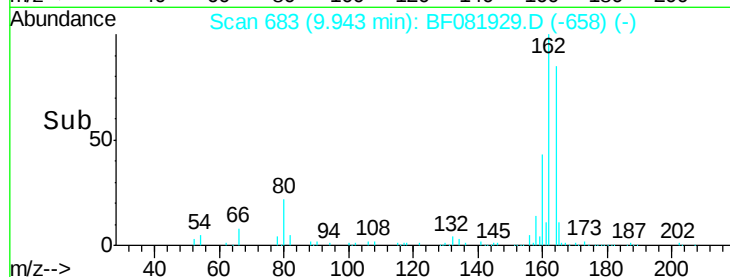
160 45.6 31.5 47.3



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: 120.48 ng

RT: 10.74 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF081929.D

Acq: 1 Oct 2015 4:56

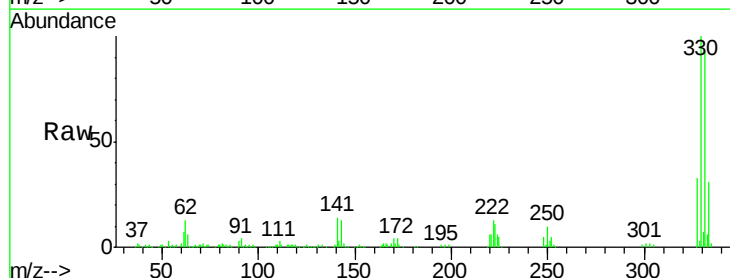
Tgt Ion:330 Resp: 227680

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

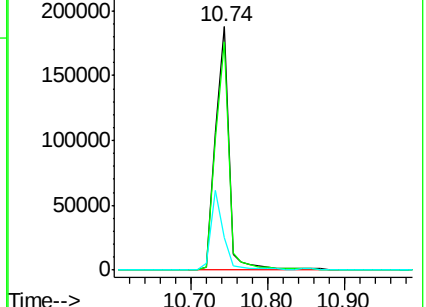
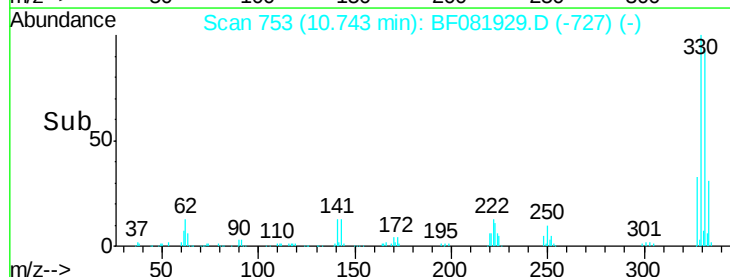
141 29.8 29.7 44.5

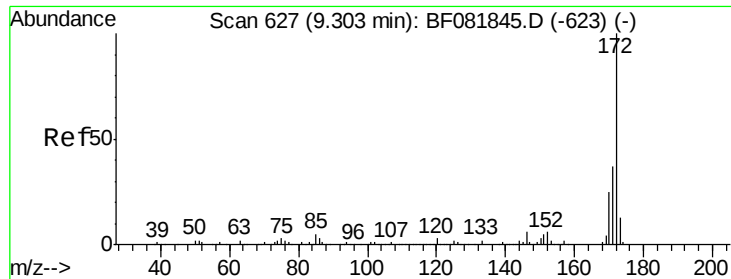


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

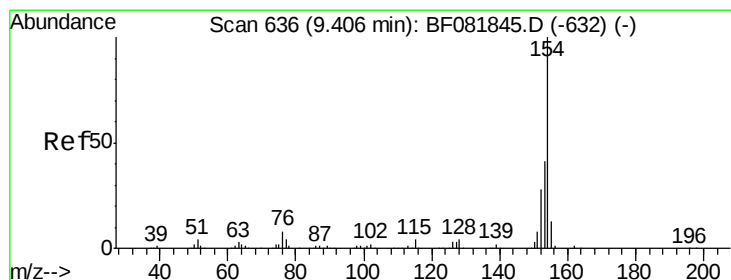
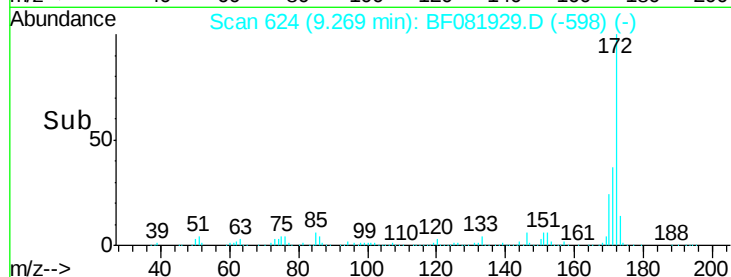
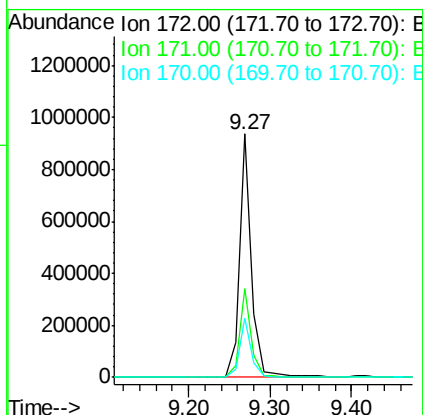
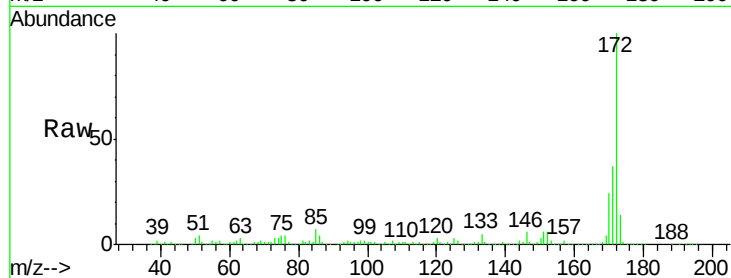




#44
 2-Fluorobiphenyl
 Concen: 86.04 ng
 RT: 9.27 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

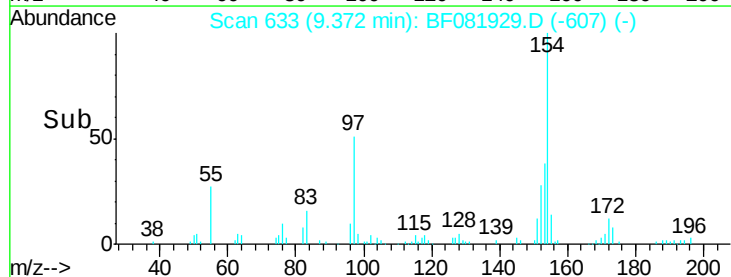
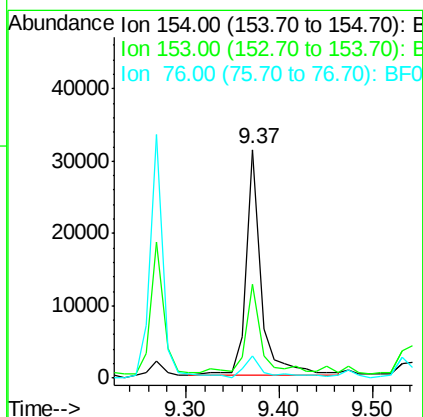
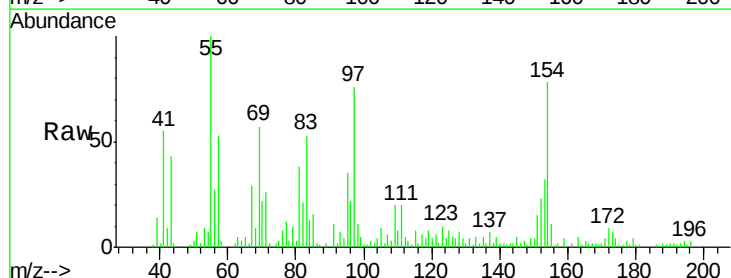
Instrument :
 BNA_F
 ClientSampleId :
 008-TB-7(8-9.7)

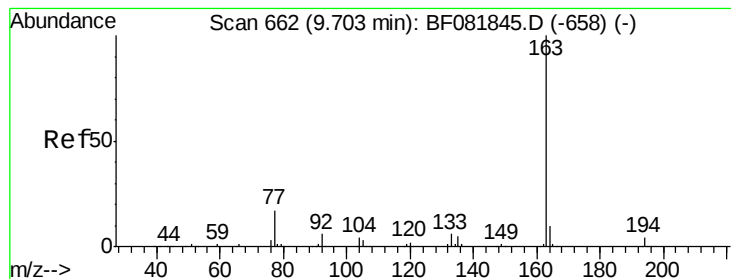
Tgt Ion:172 Resp: 957213
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.4 17.4 26.2



#45
 1,1'-Biphenyl
 Concen: 2.41 ng
 RT: 9.37 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

Tgt Ion:154 Resp: 34651
 Ion Ratio Lower Upper
 154 100
 153 40.8 17.1 57.1
 76 10.0 0.0 31.6





#49

Dimethylphthalate

Concen: 22.02 ng

RT: 9.67 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF081929.D

Acq: 1 Oct 2015 4:56

Instrument :

BNA_F

ClientSampleId :

008-TB-7(8-9.7)

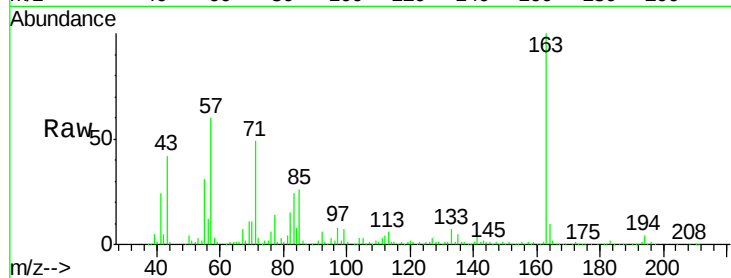
Tgt Ion:163 Resp: 283668

Ion Ratio Lower Upper

163 100

194 4.2 4.4 6.6#

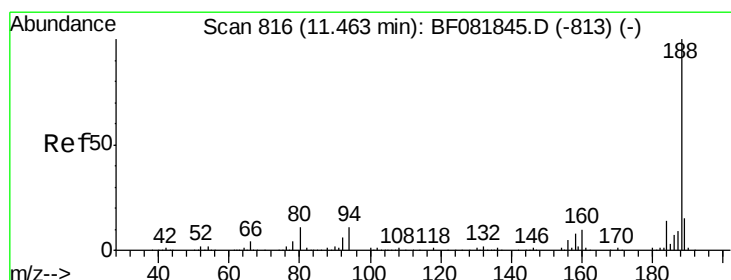
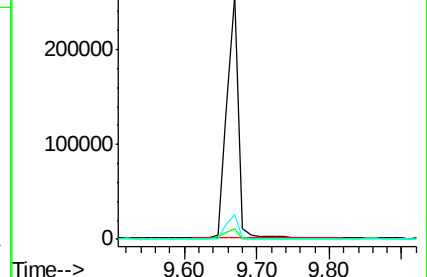
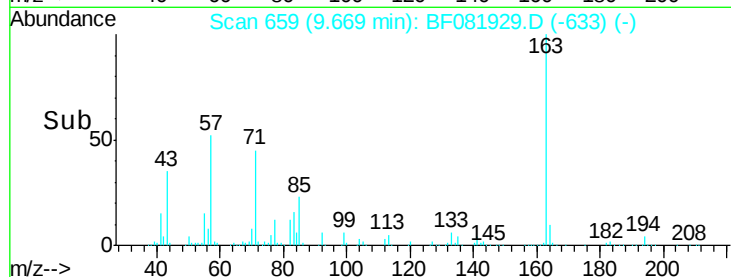
164 10.0 8.3 12.5



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. -0.01 min

Lab File: BF081929.D

Acq: 1 Oct 2015 4:56

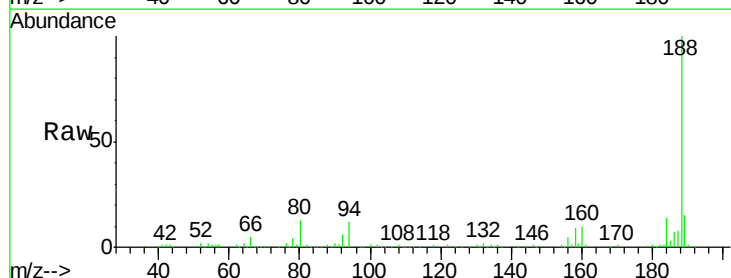
Tgt Ion:188 Resp: 313990

Ion Ratio Lower Upper

188 100

94 11.7 11.1 16.7

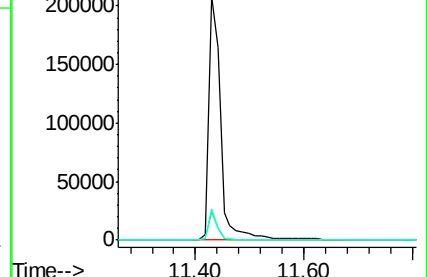
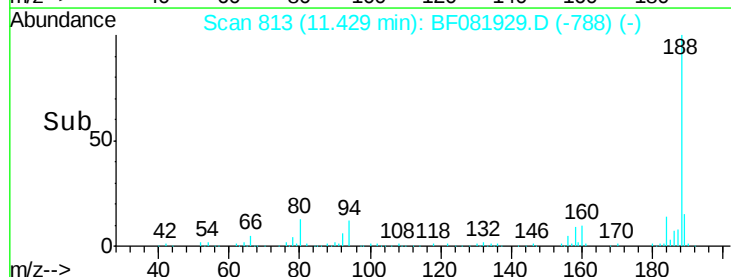
80 12.7 11.0 16.4

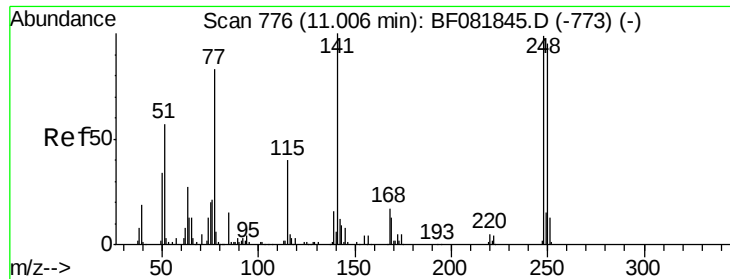


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

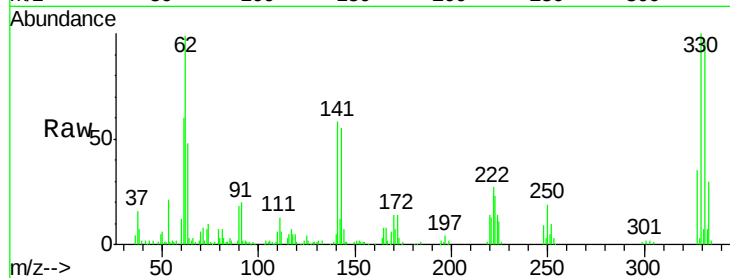




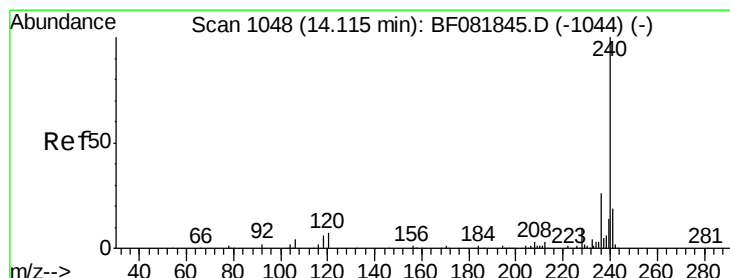
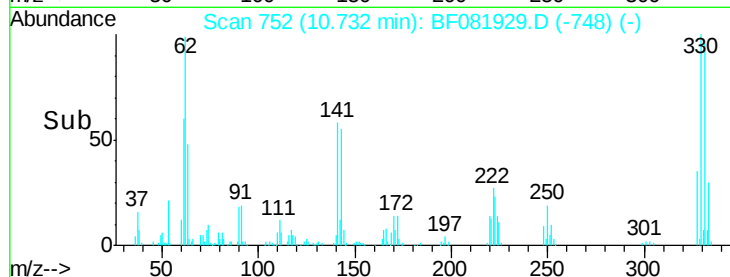
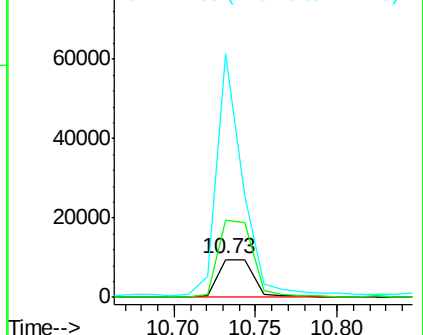
#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.25 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 008-TB-7(8-9.7)

Tgt Ion:248 Resp: 14283
 Ion Ratio Lower Upper
 248 100
 250 206.2 78.5 117.7#
 141 646.8 59.0 88.6#

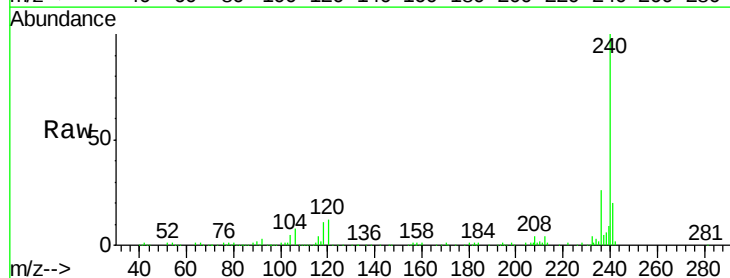


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

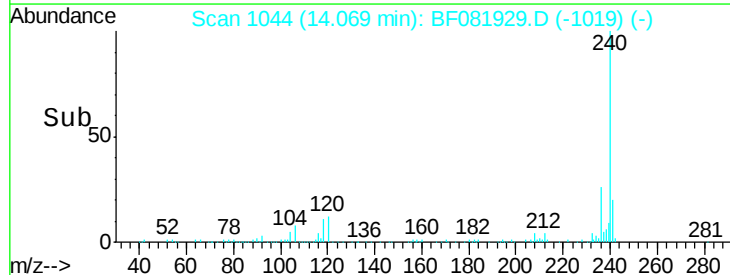
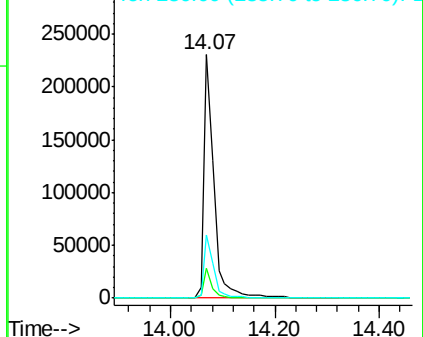


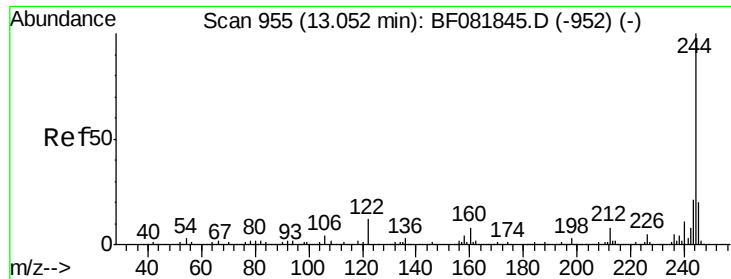
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

Tgt Ion:240 Resp: 310041
 Ion Ratio Lower Upper
 240 100
 120 12.0 16.2 24.2#
 236 26.1 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

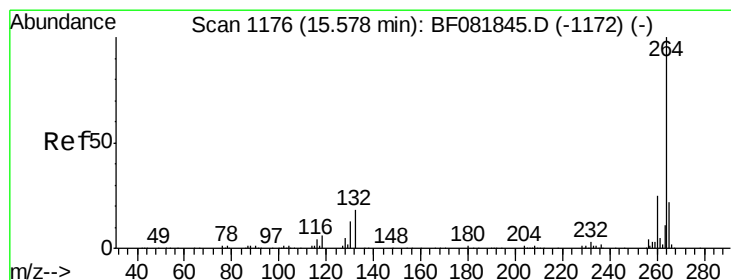
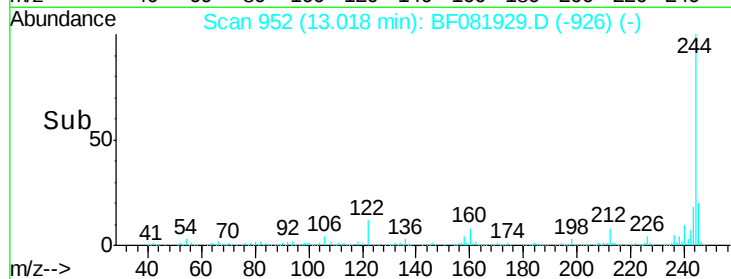
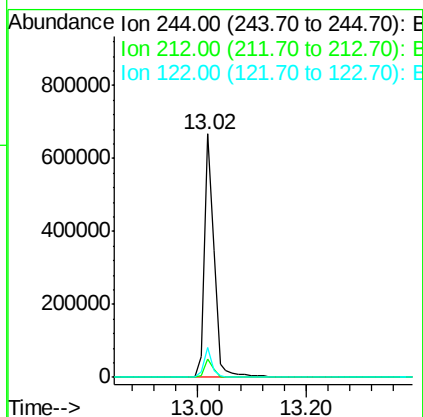
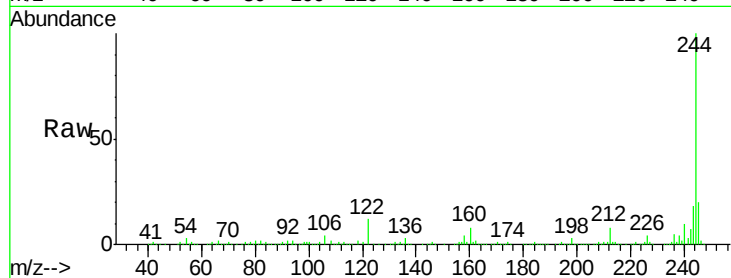




#78
 Terphenyl-d14
 Concen: 84.86 ng
 RT: 13.02 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

Instrument :
 BNA_F
 ClientSampleId :
 008-TB-7(8-9.7)

Tgt Ion:244 Resp: 814989
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 12.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF081929.D
 Acq: 1 Oct 2015 4:56

Tgt Ion:264 Resp: 292124
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.3 17.2 25.8

