

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081889.D
 Acq On : 29 Sep 2015 20:03
 Operator : UM/IZ
 Sample : PB85717BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BL

Quant Time: Sep 30 02:26:40 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

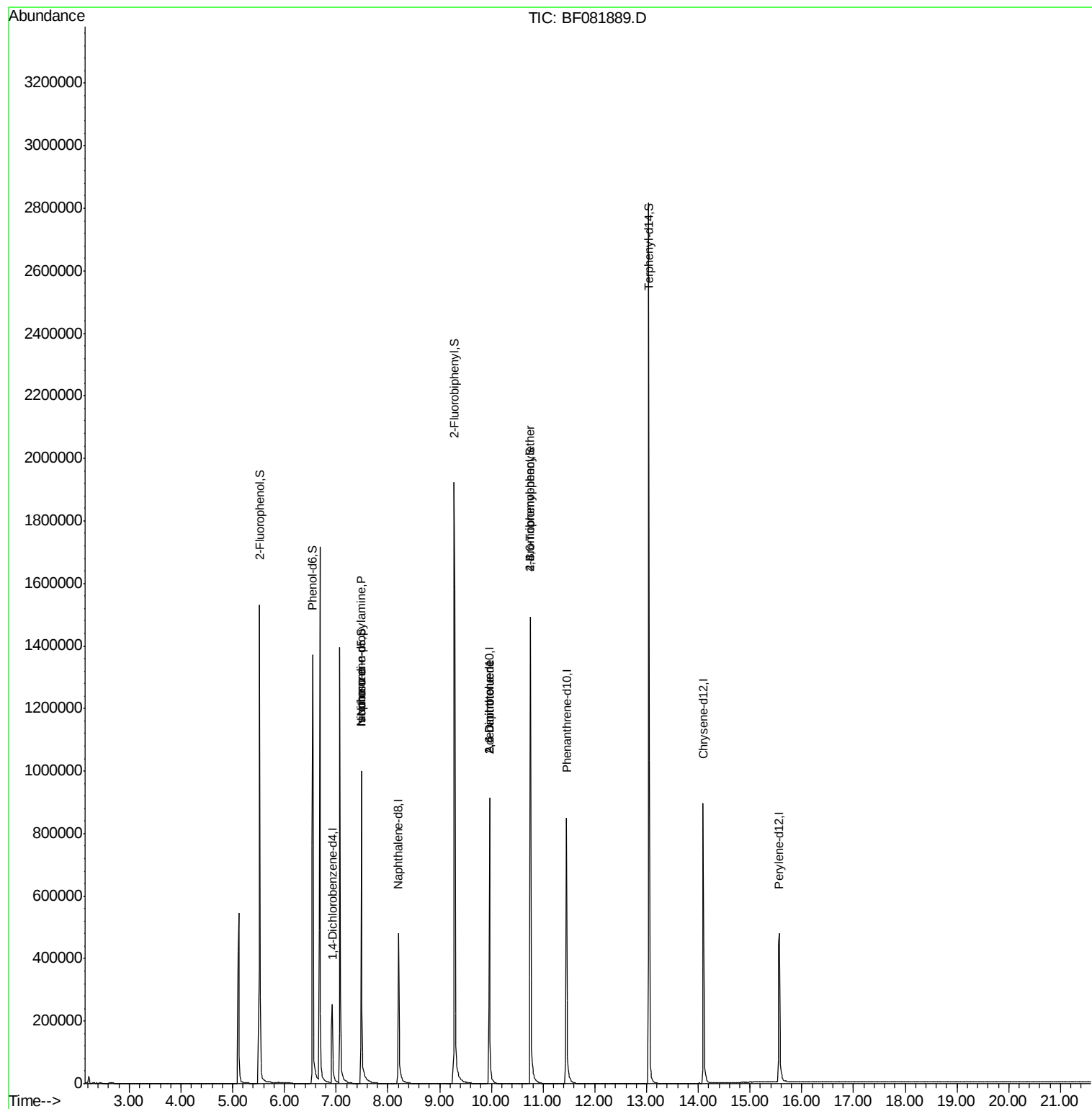
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	73757	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	326836	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	220353	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	422403	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	436282	20.00	ng	-0.02
86) Perylene-d12	15.57	264	364042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	460495	113.34	ng	0.00
7) Phenol-d6	6.55	99	662163	129.52	ng	-0.01
23) Nitrobenzene-d5	7.49	82	424440	86.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	230395	103.24	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1067157	80.14	ng	-0.02
78) Terphenyl-d14	13.04	244	1075625	77.78	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	54119	17.42	ng	# 57
25) Isophorone	7.49	82	396944	40.85	ng	# 58
50) 2,6-Dinitrotoluene	9.97	165	25839	7.82	ng	# 39
56) 2,4-Dinitrotoluene	9.97	165	26442	6.28	ng	# 33
57) Fluorene	10.75	166	8059	Below Cal		# 79
66) 4-Bromophenyl-phenylether	10.75	248	14524	3.41	ng	# 1

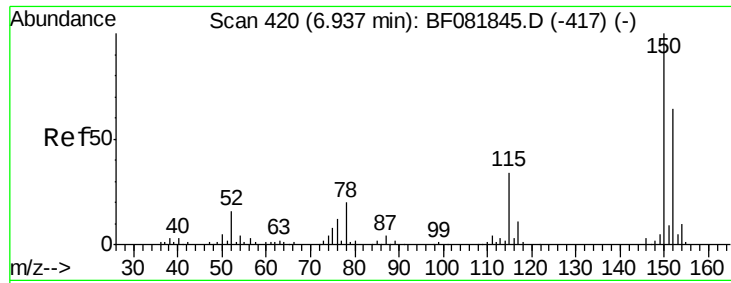
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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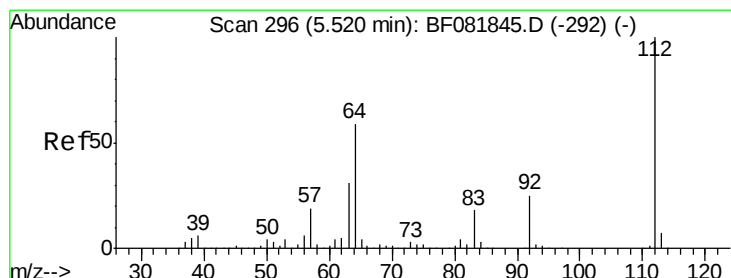
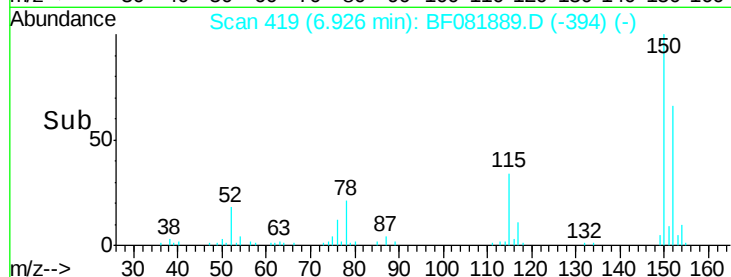
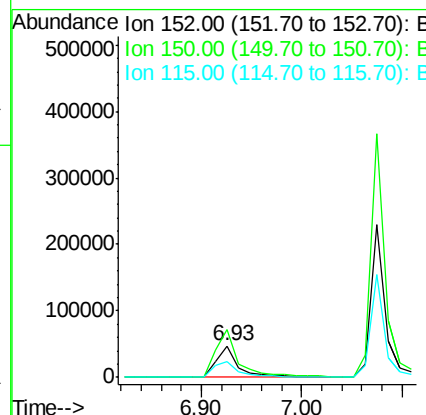
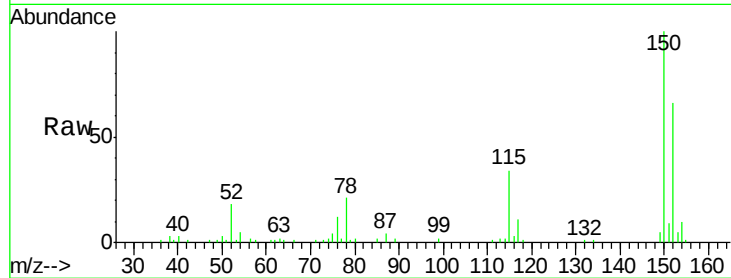




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

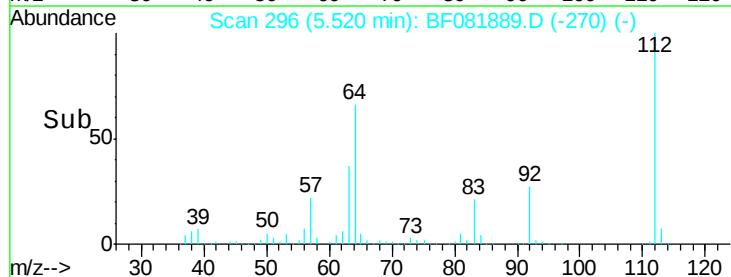
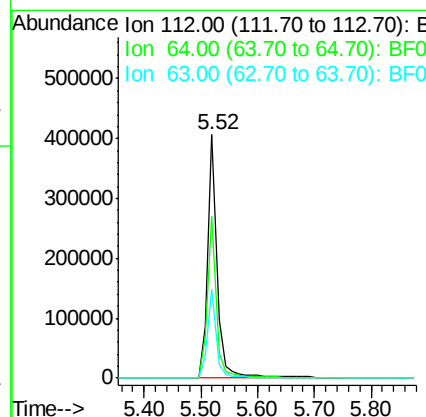
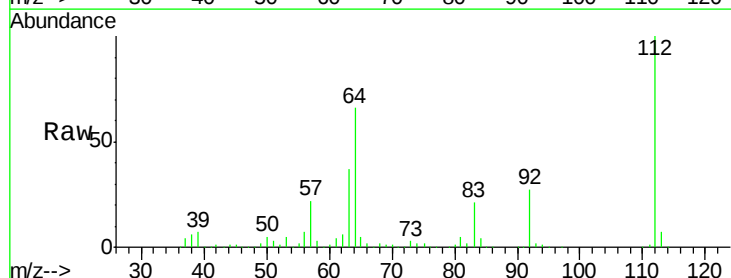
Instrument :
 BNA_F
 ClientSampleId :
 PB85717BL

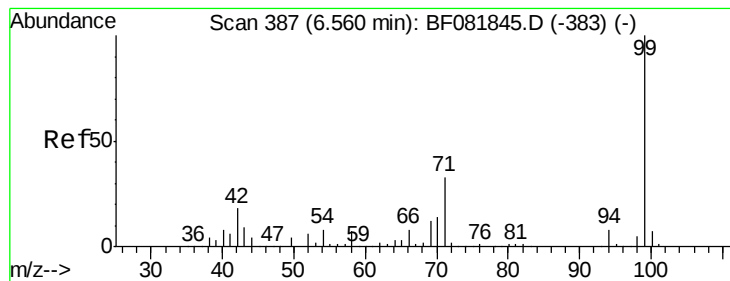
Tgt Ion:152 Resp: 73757
 Ion Ratio Lower Upper
 152 100
 150 151.2 124.7 187.1
 115 51.6 39.0 58.4



#5
 2-Fluorophenol
 Concen: 113.34 ng
 RT: 5.52 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

Tgt Ion:112 Resp: 460495
 Ion Ratio Lower Upper
 112 100
 64 66.2 39.7 59.5#
 63 36.6 17.4 26.0#





#7

Phenol-d6

Concen: 129.52 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081889.D

Acq: 29 Sep 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PB85717BL

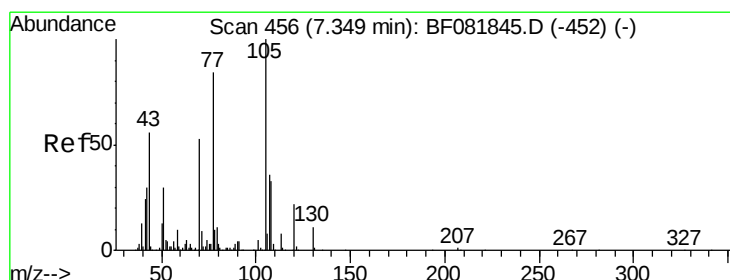
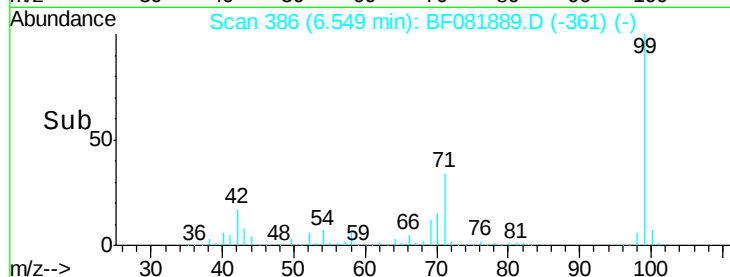
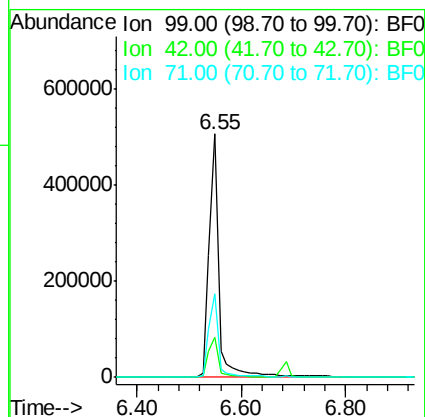
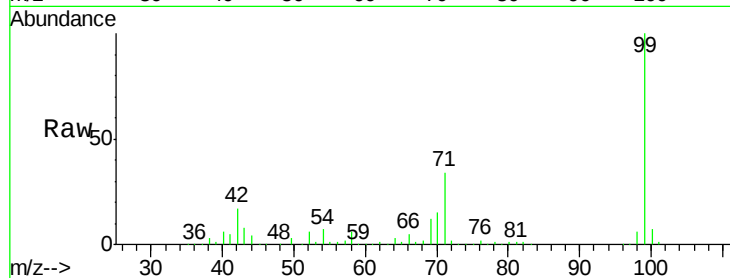
Tgt Ion: 99 Resp: 662163

Ion Ratio Lower Upper

99 100

42 16.7 13.7 20.5

71 34.5 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 17.42 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF081889.D

Acq: 29 Sep 2015 20:03

Tgt Ion: 70 Resp: 54119

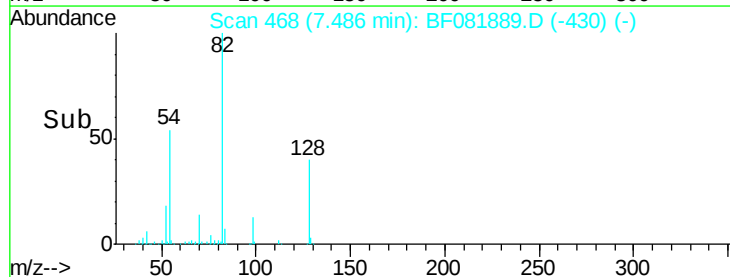
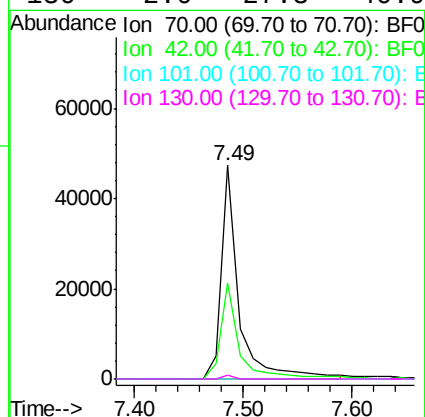
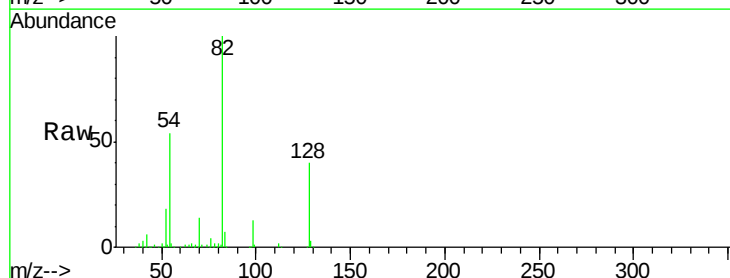
Ion Ratio Lower Upper

70 100

42 45.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

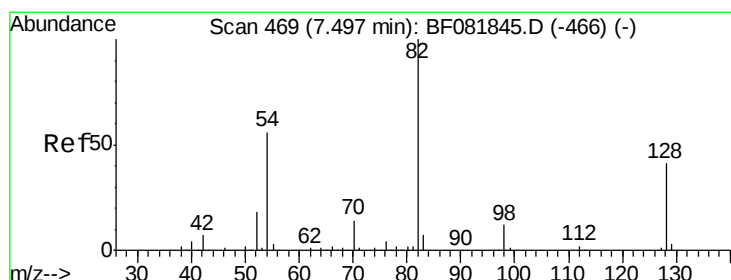
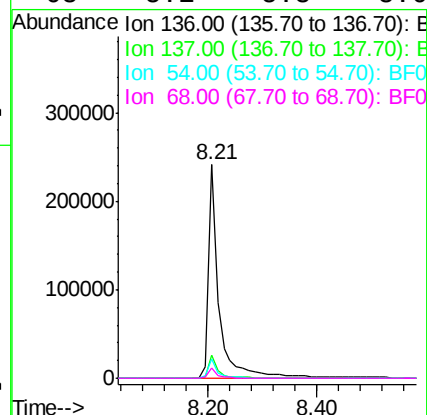
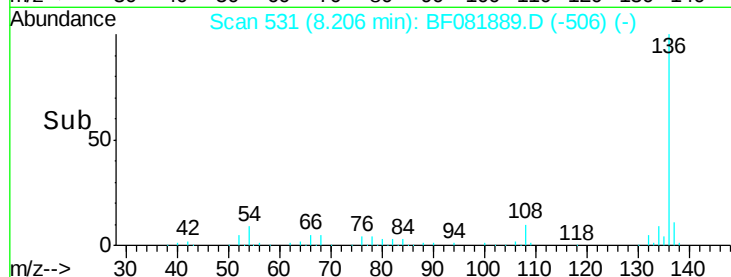
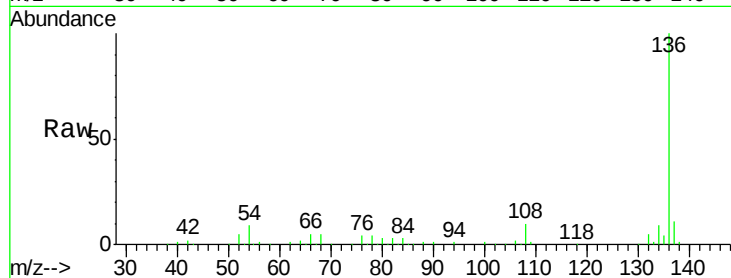




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081889.D
Acq: 29 Sep 2015 20:03

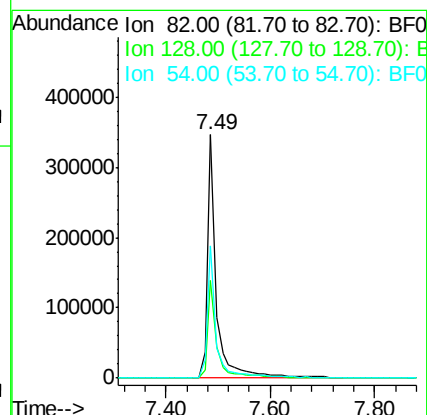
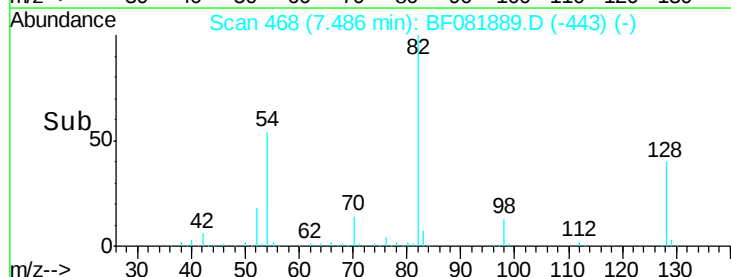
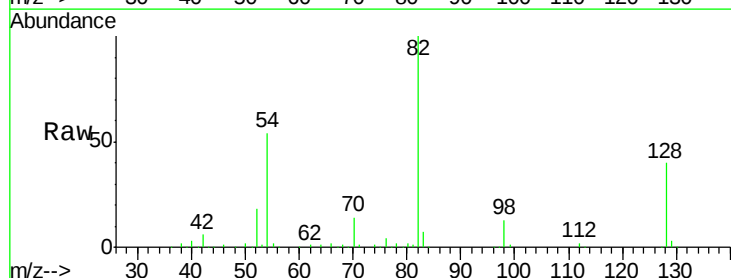
Instrument :
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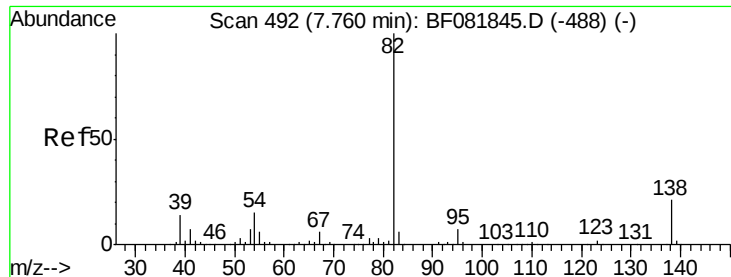
Tgt Ion:	136	Resp:	326836
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.8	8.2	12.2
68	5.1	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 86.57 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081889.D
Acq: 29 Sep 2015 20:03

Tgt Ion:	82	Resp:	424440
Ion	Ratio	Lower	Upper
82	100		
128	40.3	51.0	76.6#
54	54.4	47.5	71.3





#25

Isophorone

Concen: 40.85 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081889.D

Acq: 29 Sep 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PB85717BL

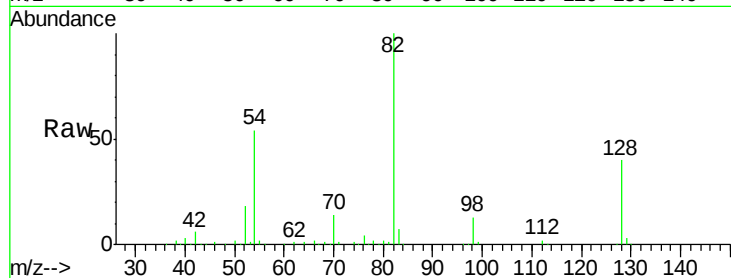
Tgt Ion: 82 Resp: 396944

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

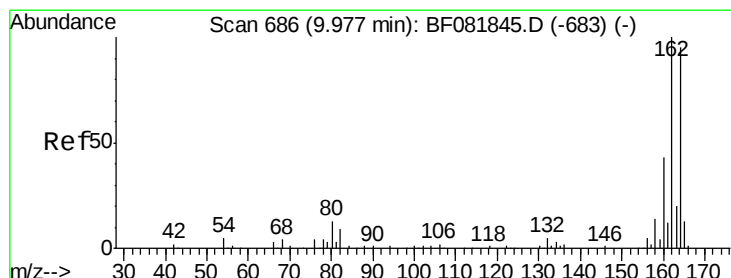
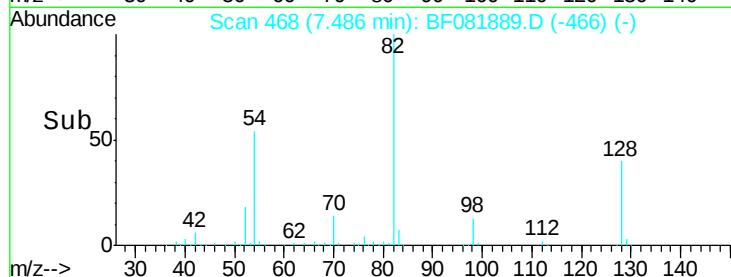
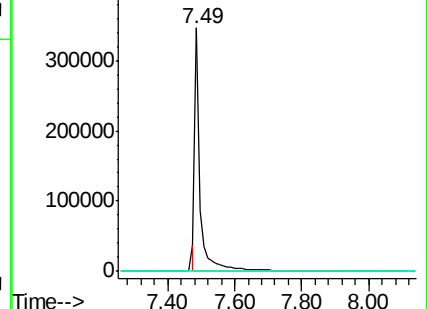
138 0.0 18.3 27.5#



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: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081889.D

Acq: 29 Sep 2015 20:03

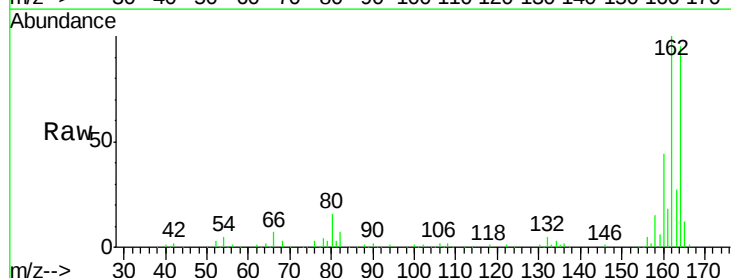
Tgt Ion: 164 Resp: 220353

Ion Ratio Lower Upper

164 100

162 105.4 75.2 112.8

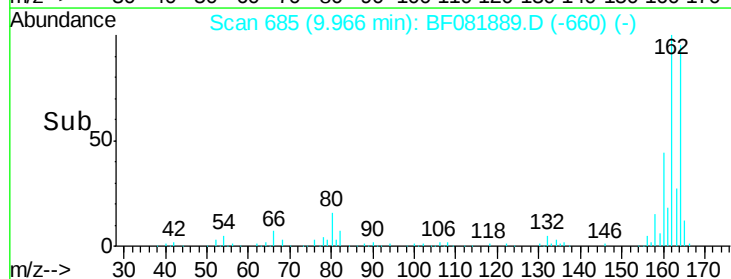
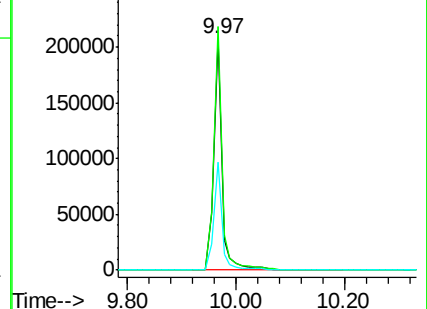
160 46.6 31.5 47.3



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

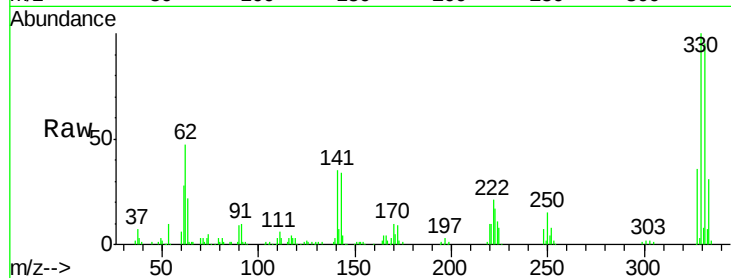




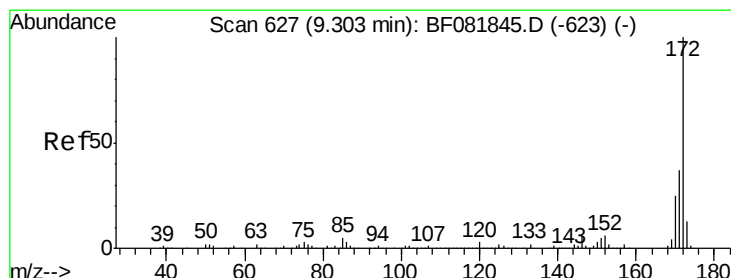
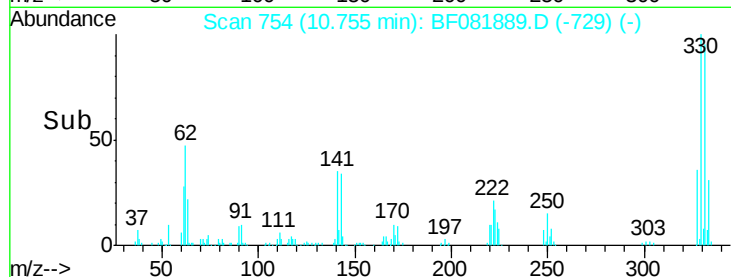
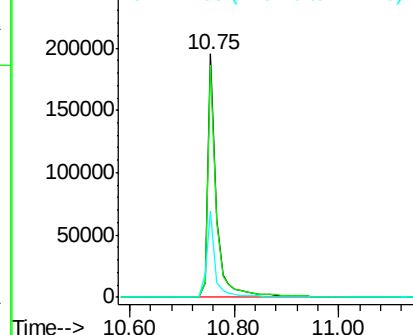
#41
 2,4,6-Tribromophenol
 Concen: 103.24 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85717BL

Tgt Ion:330 Resp: 230395
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 35.7 29.7 44.5

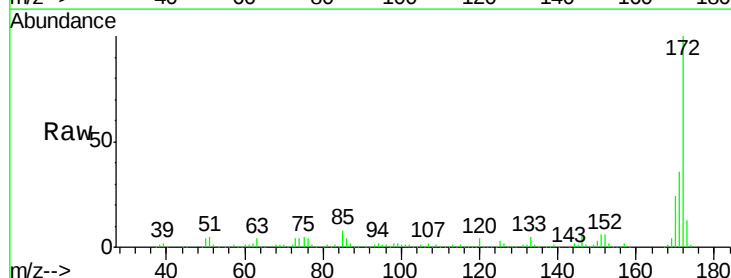


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

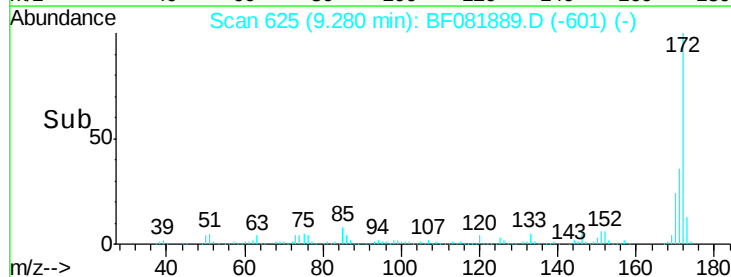
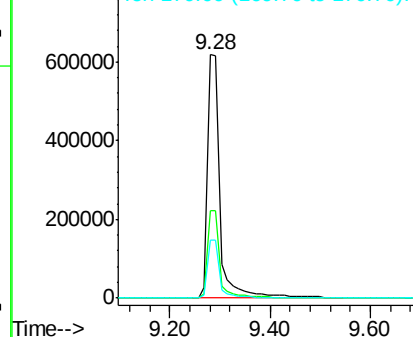


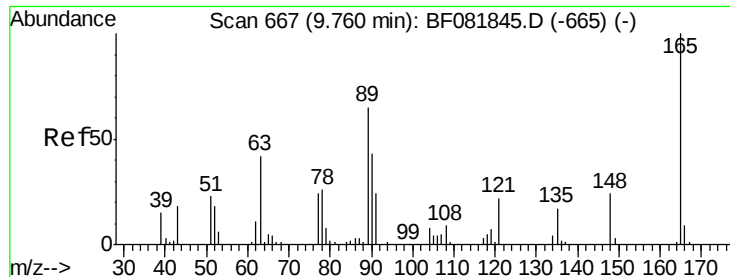
#44
 2-Fluorobiphenyl
 Concen: 80.14 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

Tgt Ion:172 Resp: 1067157
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.0 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





#50

2,6-Dinitrotoluene

Concen: 7.82 ng

RT: 9.97 min Scan# 685

Delta R.T. 0.21 min

Lab File: BF081889.D

Acq: 29 Sep 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PB85717BL

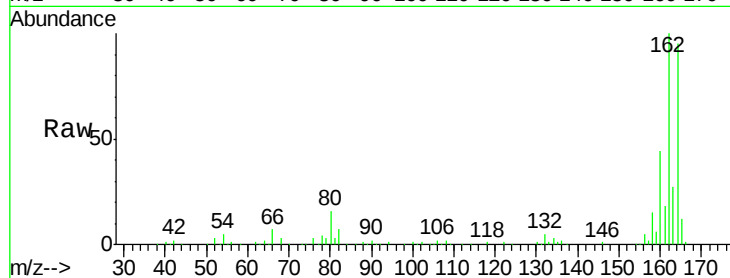
Tgt Ion:165 Resp: 25839

Ion Ratio Lower Upper

165 100

63 1.3 32.3 48.5#

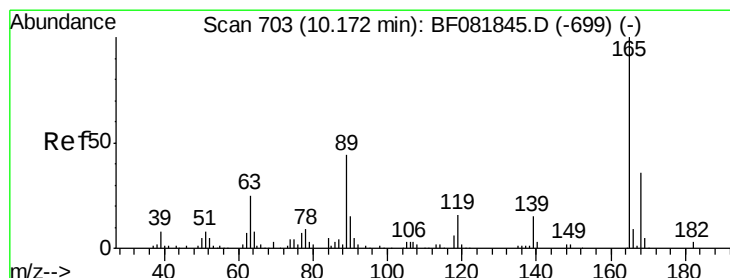
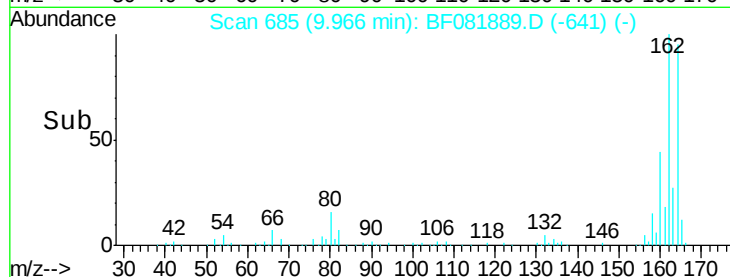
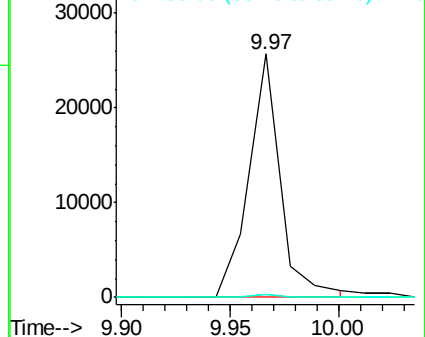
89 1.4 28.6 43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.28 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.21 min

Lab File: BF081889.D

Acq: 29 Sep 2015 20:03

Tgt Ion:165 Resp: 26442

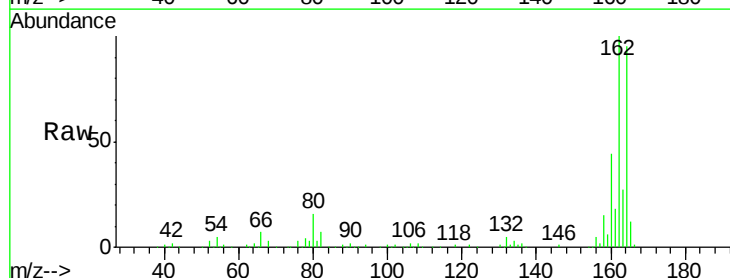
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.6#

89 1.4 44.5 66.7#

182 0.0 3.0 4.4#

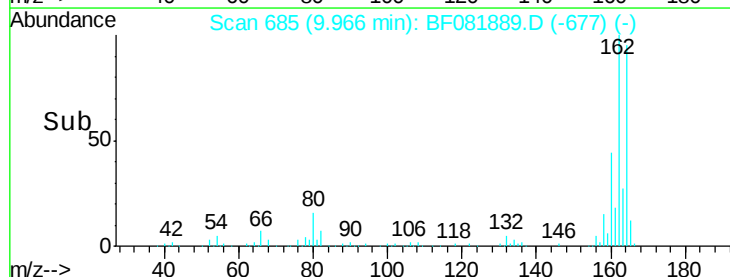
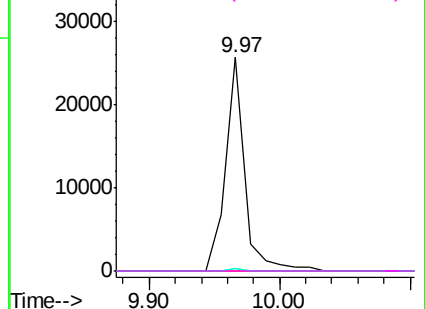


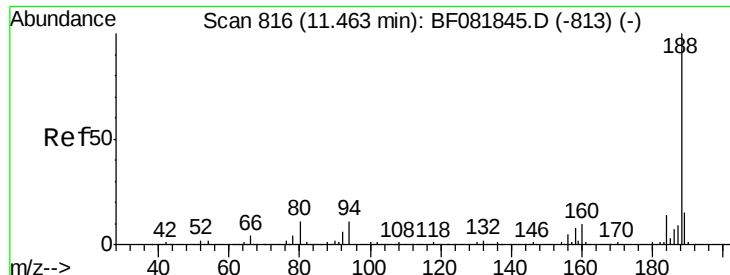
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

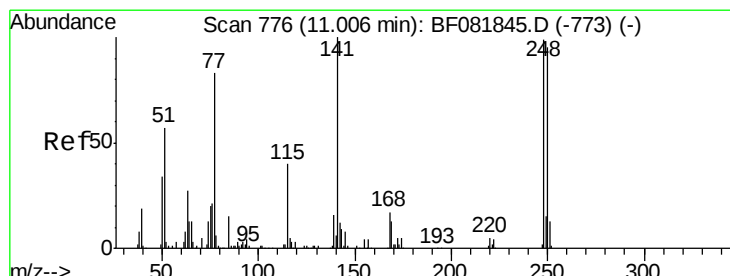
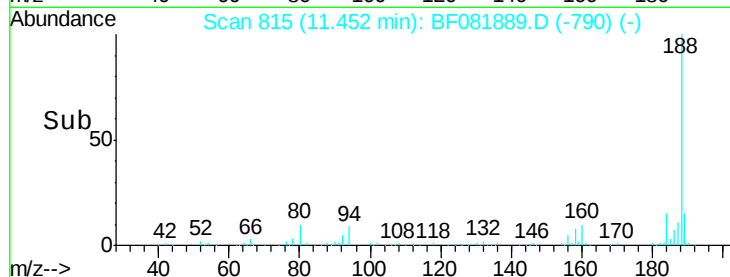
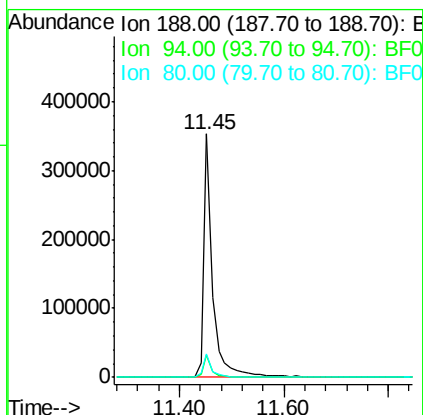
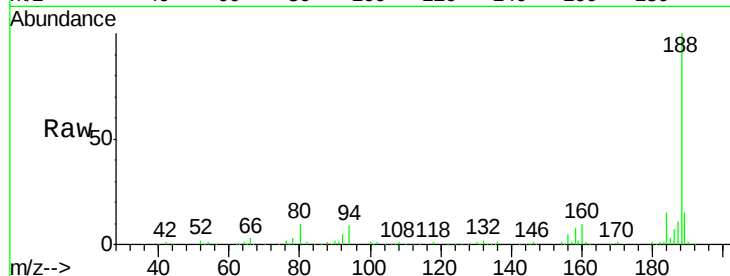




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

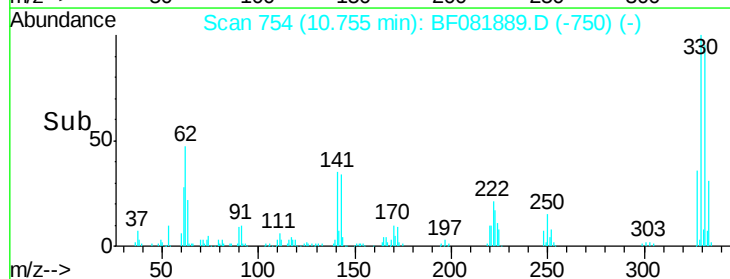
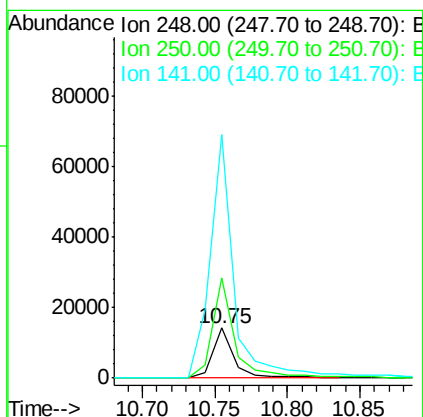
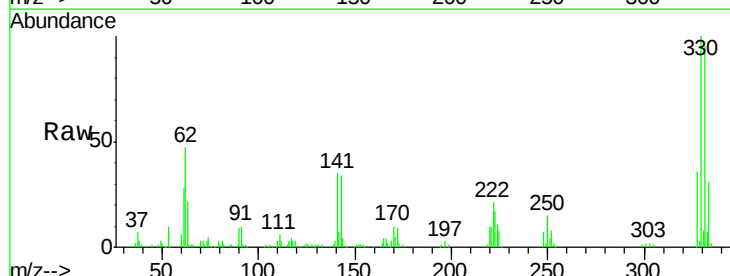
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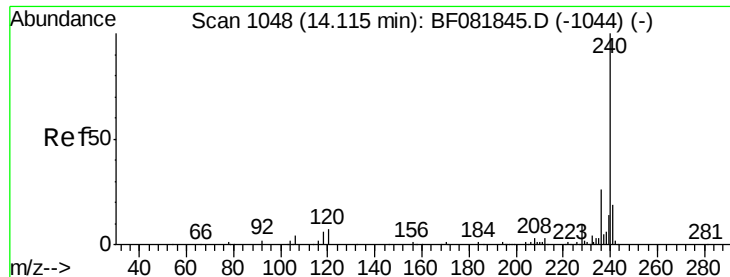
Tgt Ion:188 Resp: 422403
 Ion Ratio Lower Upper
 188 100
 94 8.9 11.1 16.7#
 80 9.6 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 3.41 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF081889.D
 Acq: 29 Sep 2015 20:03

Tgt Ion:248 Resp: 14524
 Ion Ratio Lower Upper
 248 100
 250 201.0 78.5 117.7#
 141 489.1 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081889.D

Acq: 29 Sep 2015 20:03

Instrument :

BNA_F

ClientSampleId :

PB85717BL

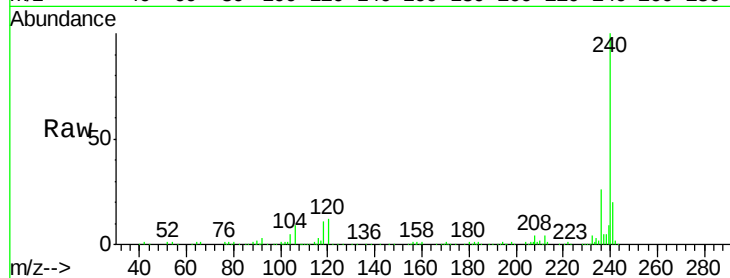
Tgt Ion:240 Resp: 436282

Ion Ratio Lower Upper

240 100

120 12.0 16.2 24.2#

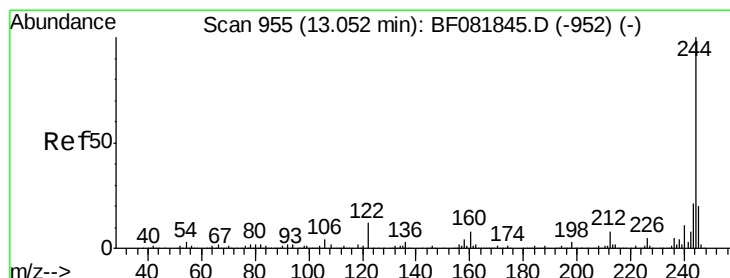
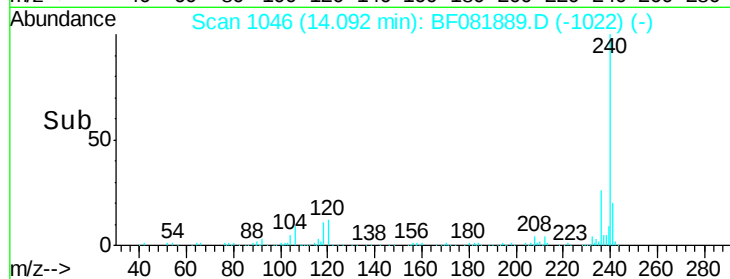
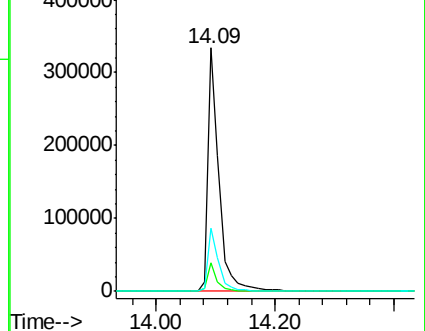
236 26.2 18.4 27.6



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: 77.78 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081889.D

Acq: 29 Sep 2015 20:03

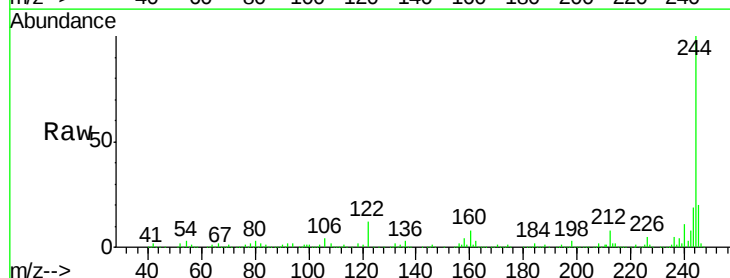
Tgt Ion:244 Resp: 1075625

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

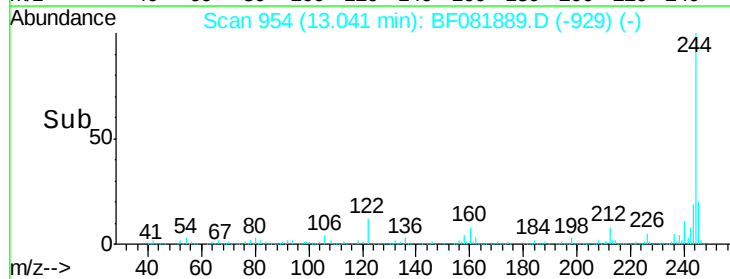
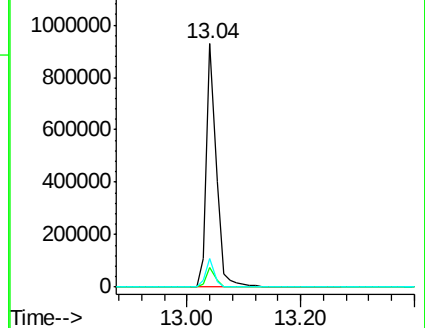
122 11.9 17.4 26.2#

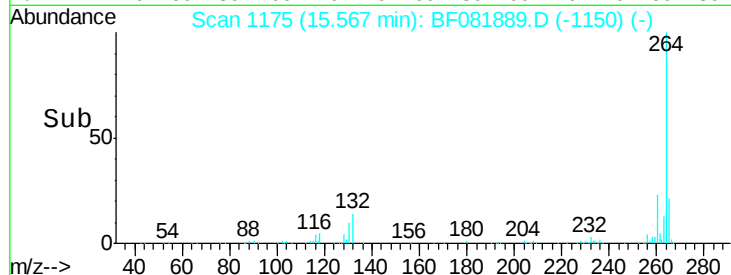
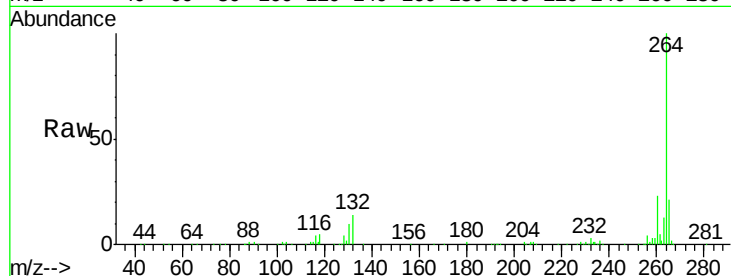
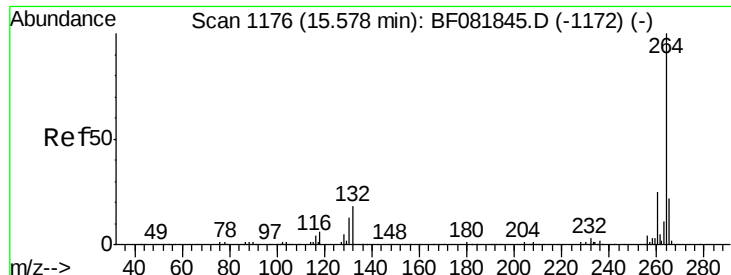


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081889.D
Acq: 29 Sep 2015 20:03

Instrument :
BNA_F
ClientSampleId :
PB85717BL

Tgt Ion: 264 Resp: 364042
Ion Ratio Lower Upper
264 100
260 23.4 16.7 25.1
265 21.5 17.2 25.8

