

Data Path : Z:\HPCHEM1\BNA_F\Data\BF092815\
 Data File : BF081872.D
 Acq On : 29 Sep 2015 8:05
 Operator : UM/IZ
 Sample : G3717-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

Quant Time: Sep 29 13:13:40 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

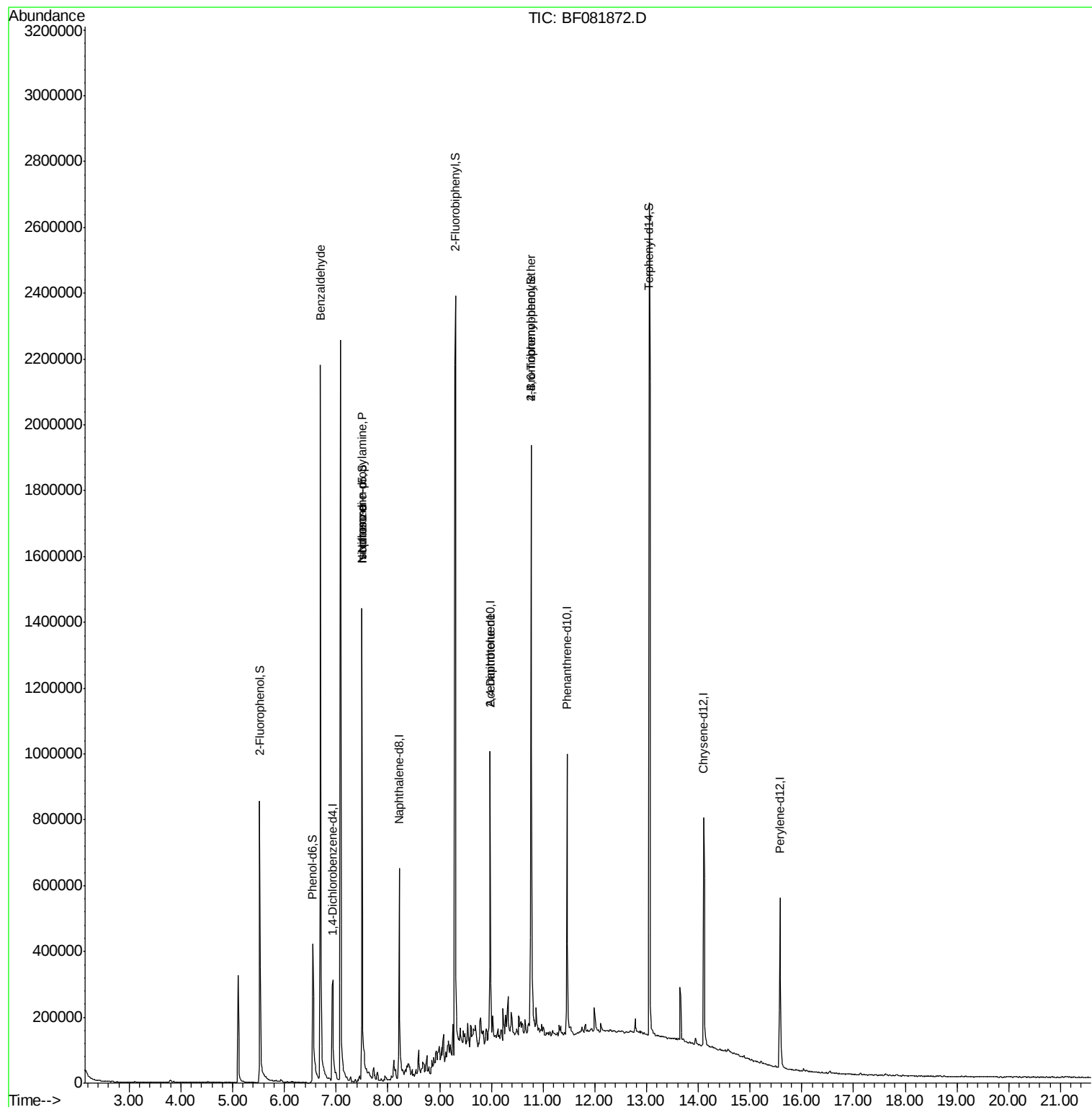
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	101767	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	407613	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	194582	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	382673	20.00	ng	0.00
75) Chrysene-d12	14.10	240	354133	20.00	ng	-0.01
86) Perylene-d12	15.58	264	279520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	343111	61.20	ng	0.00
7) Phenol-d6	6.55	99	296728	42.06	ng	-0.01
23) Nitrobenzene-d5	7.50	82	656092	107.30	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	311020	157.83	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1263131	117.04	ng	0.00
78) Terphenyl-d14	13.05	244	1198906	125.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	15239	3.30	ng	# 63
19) n-Nitroso-di-n-propylamine	7.50	70	86897	20.27	ng	# 59
25) Isophorone	7.50	82	592197	48.86	ng	# 58
56) 2,4-Dinitrotoluene	9.98	165	27930	7.51	ng	# 35
57) Fluorene	10.53	166	747	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.77	248	19037	4.93	ng	# 1
70) Phenanthrene	11.49	178	794	Below Cal	#	25
73) Di-n-butylphthalate	12.02	149	3940	Below Cal	#	62

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

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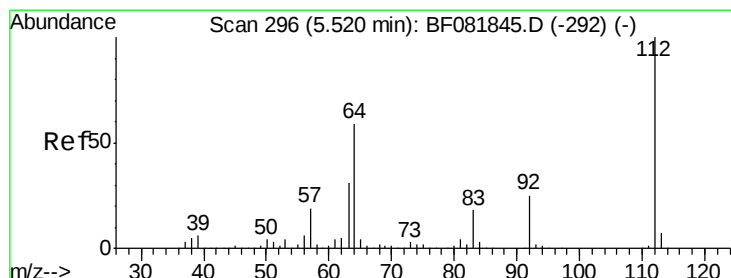
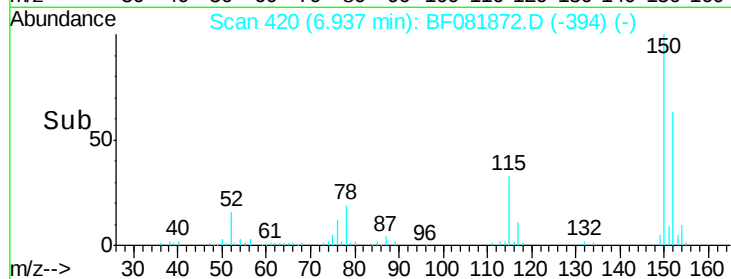
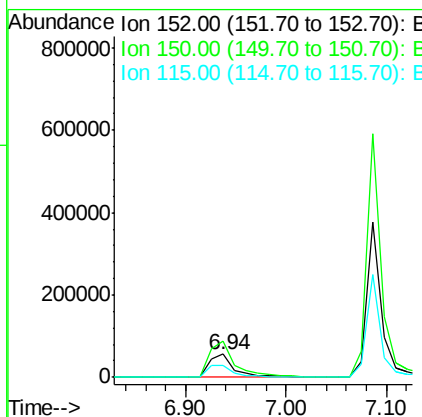
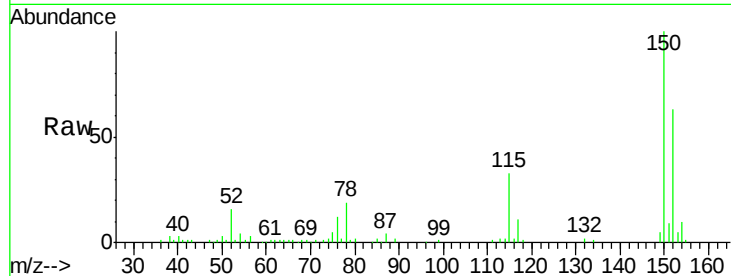




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

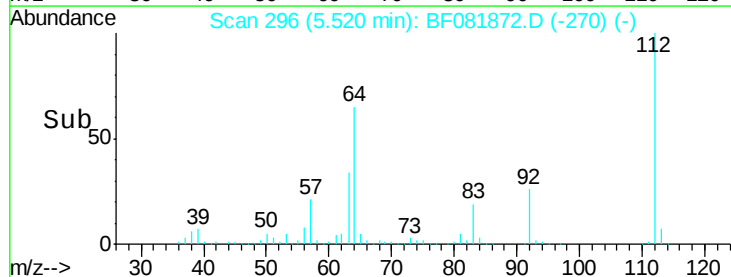
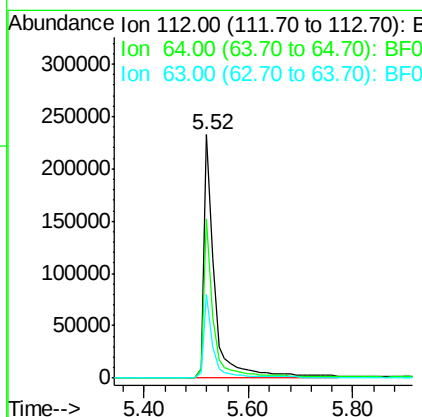
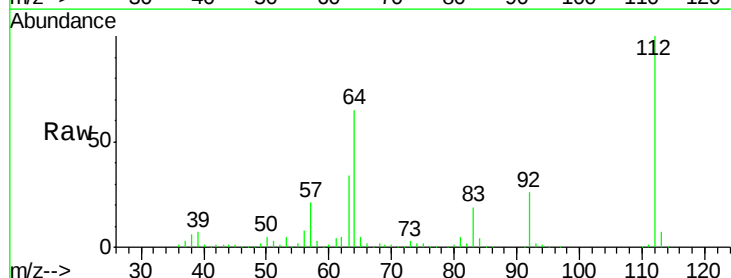
Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

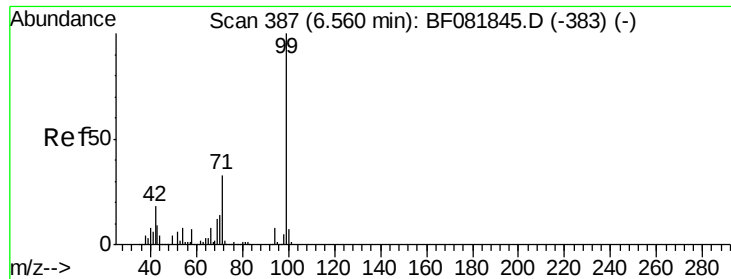
Tgt Ion:152 Resp: 101767
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.7 187.1
 115 52.1 39.0 58.4



#5
 2-Fluorophenol
 Concen: 61.20 ng
 RT: 5.52 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Tgt Ion:112 Resp: 343111
 Ion Ratio Lower Upper
 112 100
 64 65.4 39.7 59.5#
 63 34.3 17.4 26.0#





#7

Phenol-d6

Concen: 42.06 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081872.D

Acq: 29 Sep 2015 8:05

Instrument :

BNA_F

ClientSampleId :

PZ-6-9-17-15

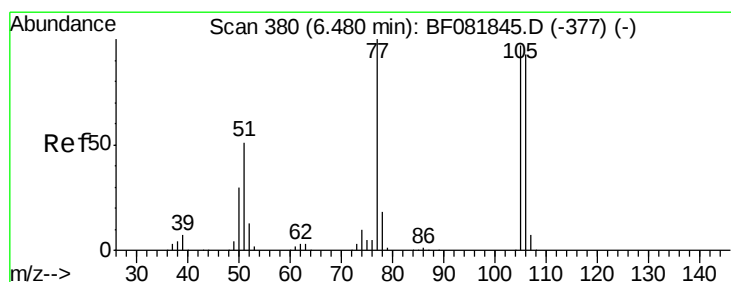
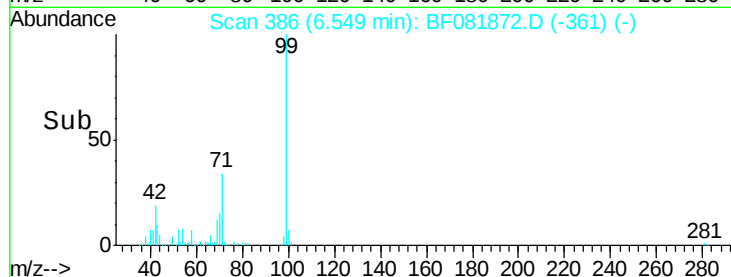
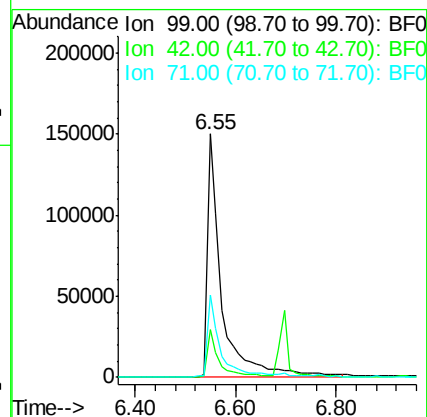
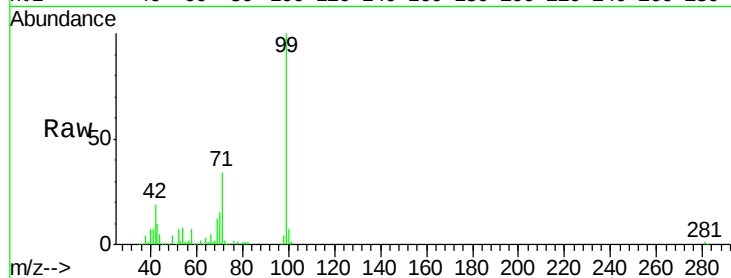
Tgt Ion: 99 Resp: 296728

Ion Ratio Lower Upper

99 100

42 19.4 13.7 20.5

71 33.8 14.2 21.2#



#9

Benzaldehyde

Concen: 3.30 ng

RT: 6.70 min Scan# 399

Delta R.T. 0.22 min

Lab File: BF081872.D

Acq: 29 Sep 2015 8:05

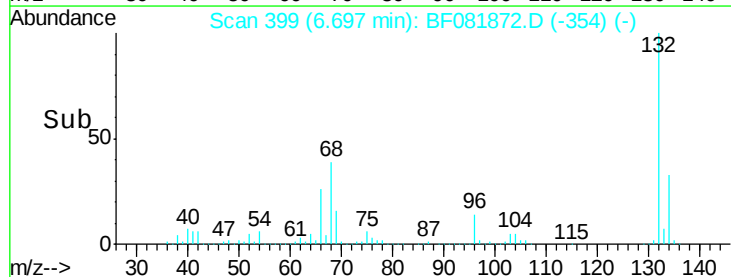
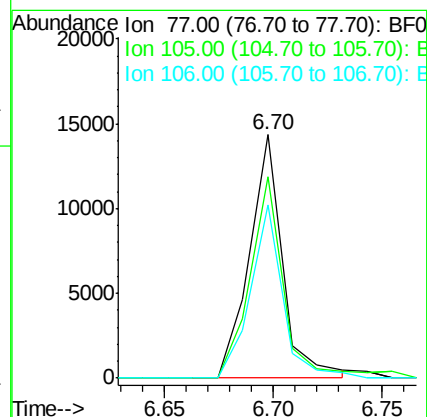
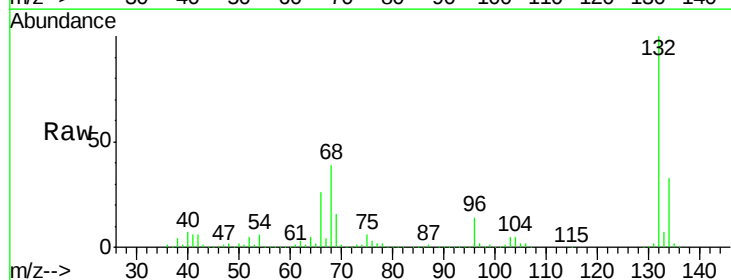
Tgt Ion: 77 Resp: 15239

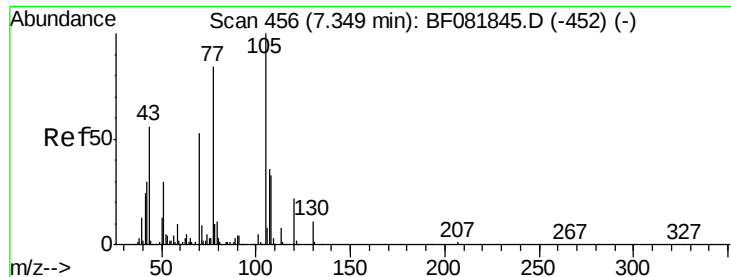
Ion Ratio Lower Upper

77 100

105 82.8 91.6 131.6#

106 71.1 102.6 142.6#

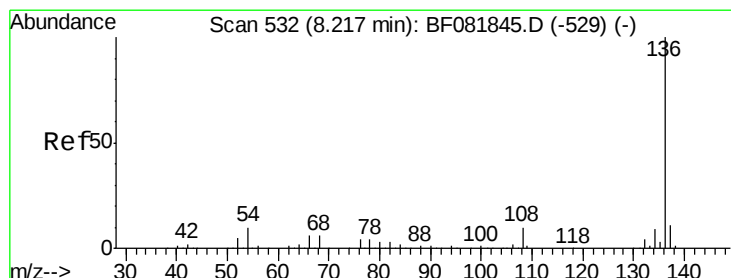
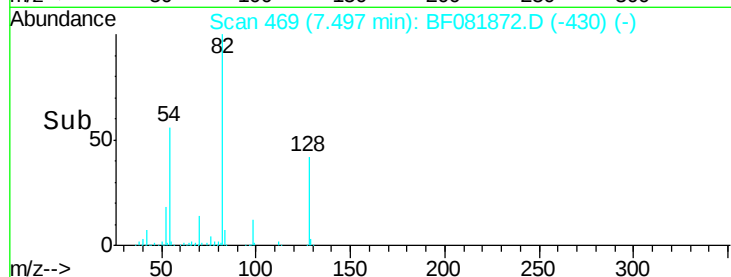
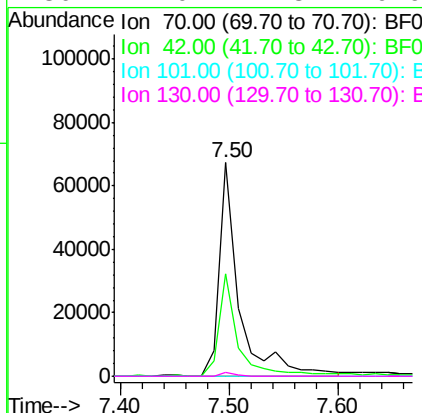
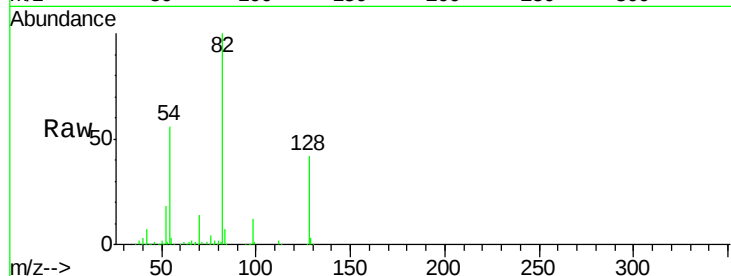




#19
n-Nitroso-di-n-propylamine
Concen: 20.27 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.15 min
Lab File: BF081872.D
Acq: 29 Sep 2015 8:05

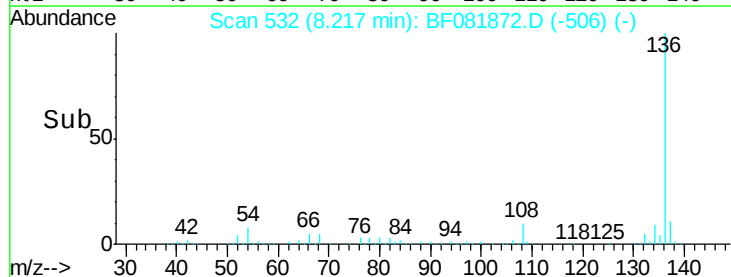
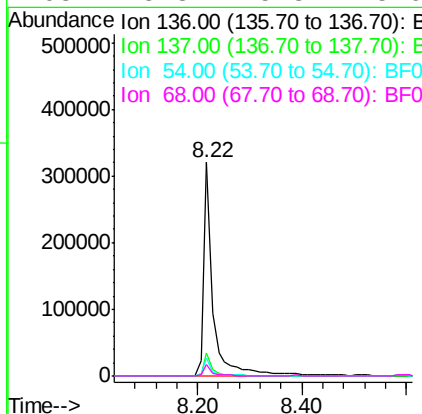
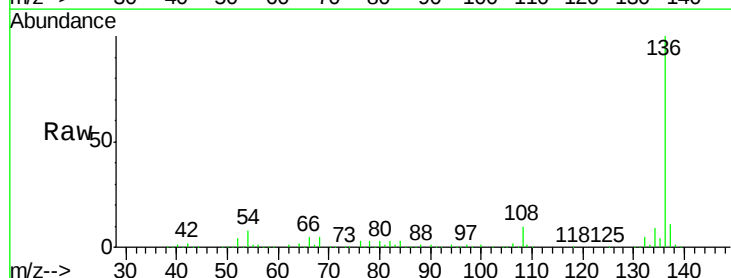
Instrument :
BNA_F
ClientSampleId :
PZ-6-9-17-15

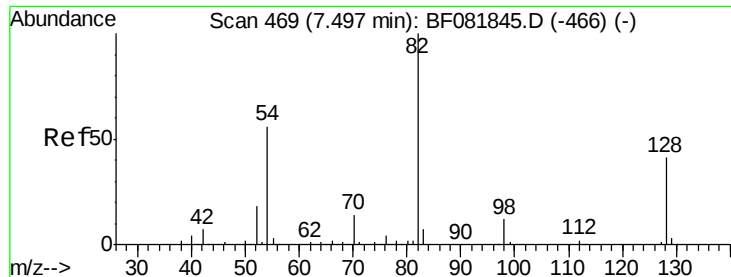
Tgt Ion:	70	Resp:	86897
Ion	Ratio	Lower	Upper
70	100		
42	48.0	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081872.D
Acq: 29 Sep 2015 8:05

Tgt Ion:	136	Resp:	407613
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.3	8.2	12.2
68	5.3	5.8	8.6#

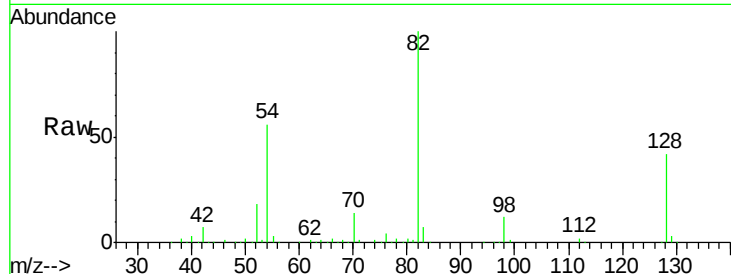




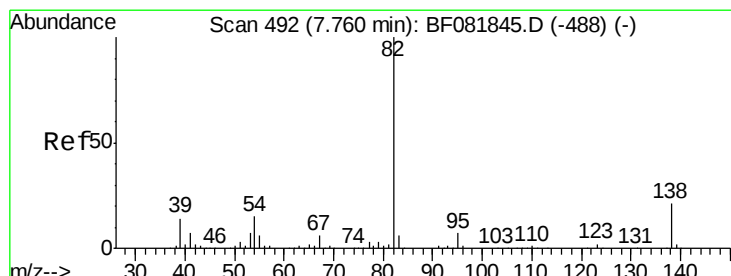
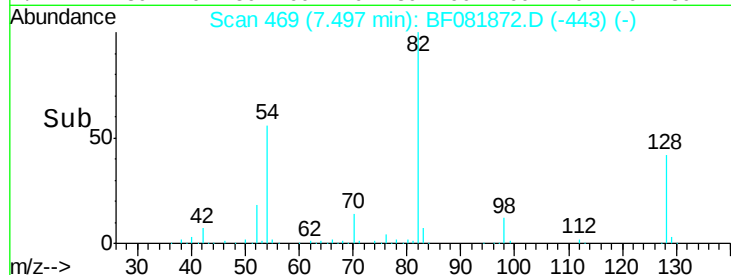
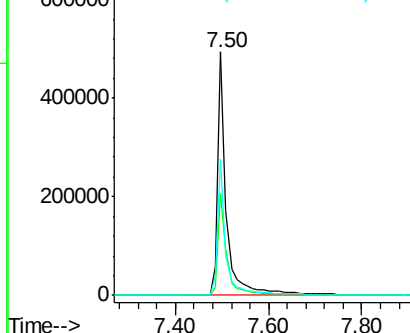
#23
 Nitrobenzene-d5
 Concen: 107.30 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

Tgt Ion: 82 Resp: 656092
 Ion Ratio Lower Upper
 82 100
 128 41.6 51.0 76.6#
 54 55.7 47.5 71.3

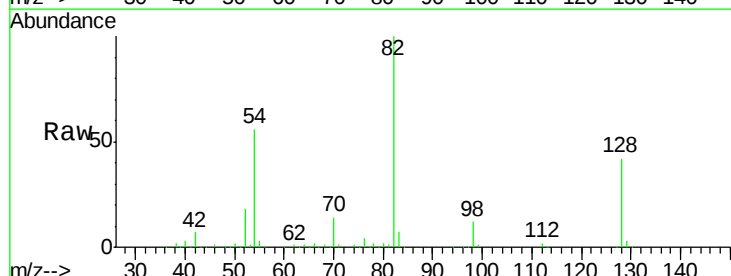


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

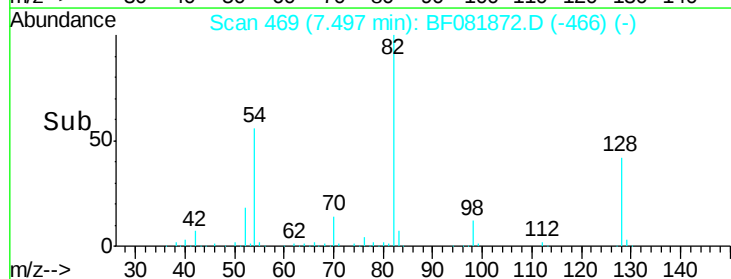
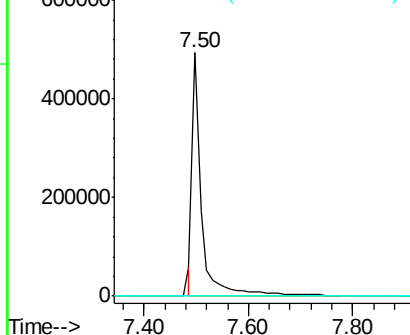


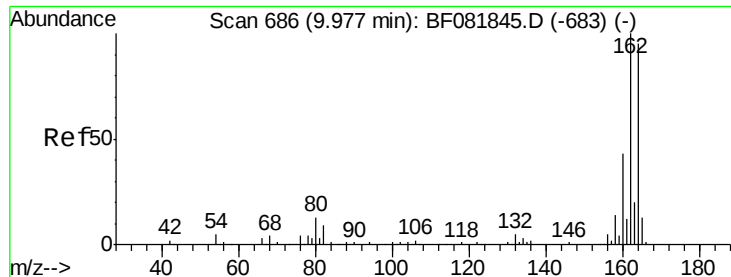
#25
 Isophorone
 Concen: 48.86 ng
 RT: 7.50 min Scan# 469
 Delta R.T. -0.26 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Tgt Ion: 82 Resp: 592197
 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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081872.D

Acq: 29 Sep 2015 8:05

Instrument :

BNA_F

ClientSampleId :

PZ-6-9-17-15

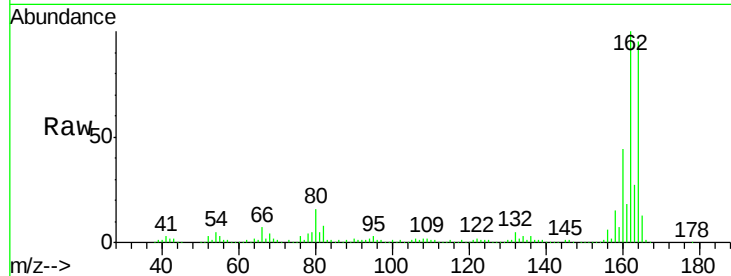
Tgt Ion:164 Resp: 194582

Ion Ratio Lower Upper

164 100

162 105.6 75.2 112.8

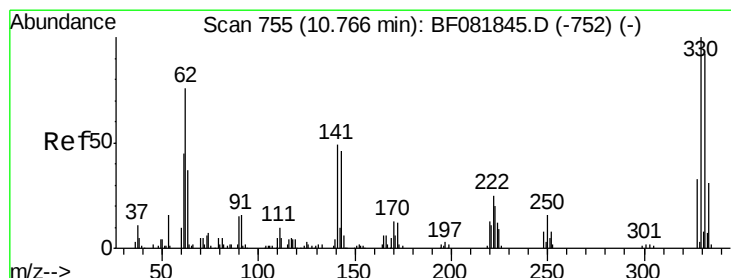
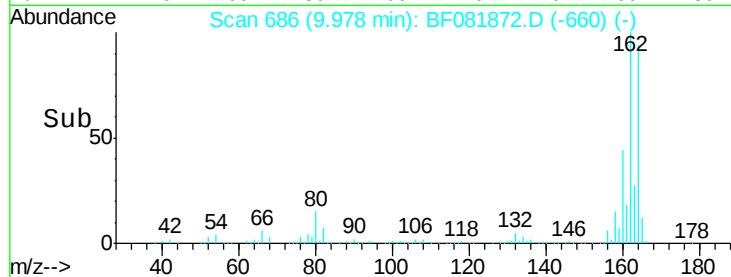
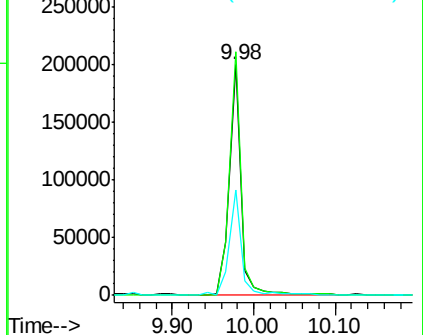
160 45.9 31.5 47.3



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: 157.83 ng

RT: 10.77 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF081872.D

Acq: 29 Sep 2015 8:05

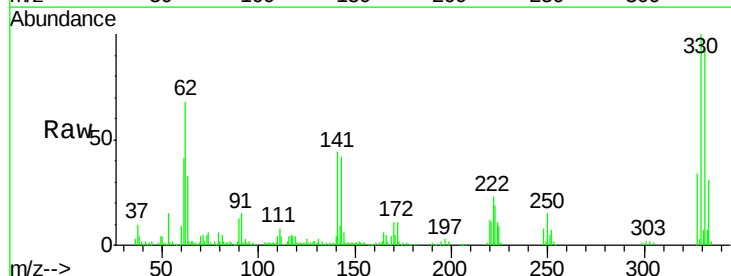
Tgt Ion:330 Resp: 311020

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

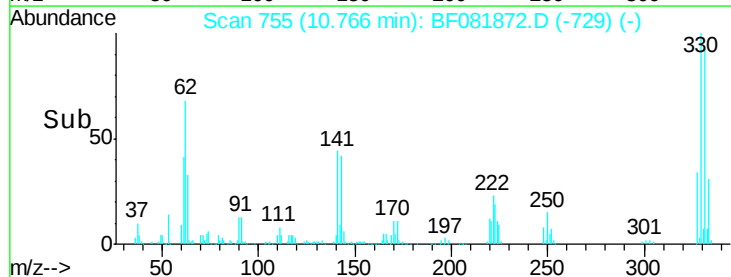
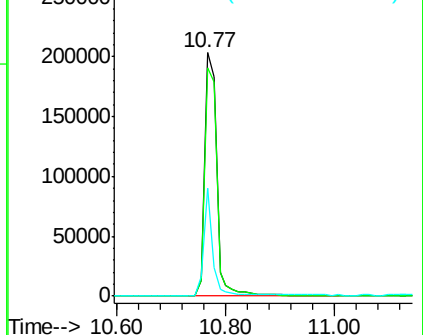
141 32.2 29.7 44.5

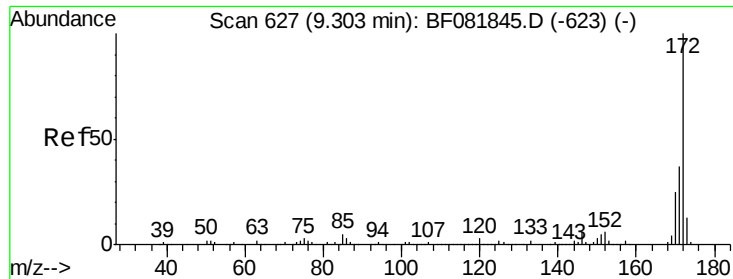


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

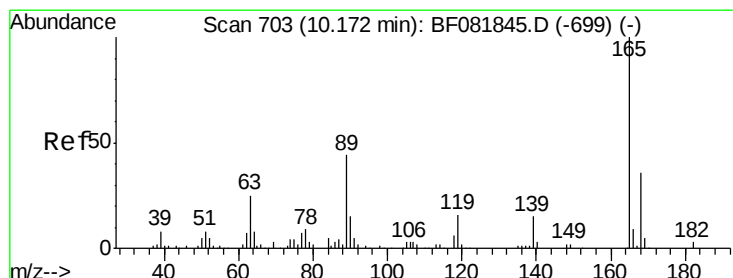
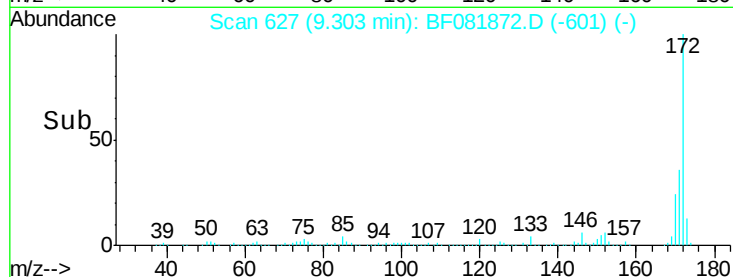
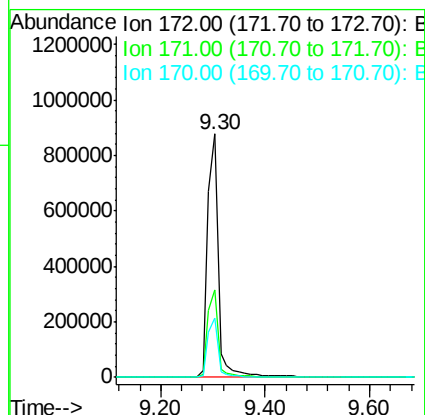
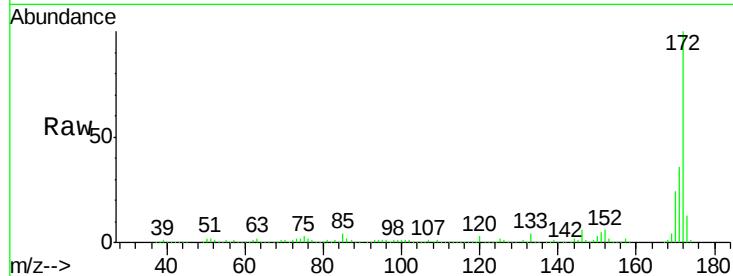




#44
 2-Fluorobiphenyl
 Concen: 117.04 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

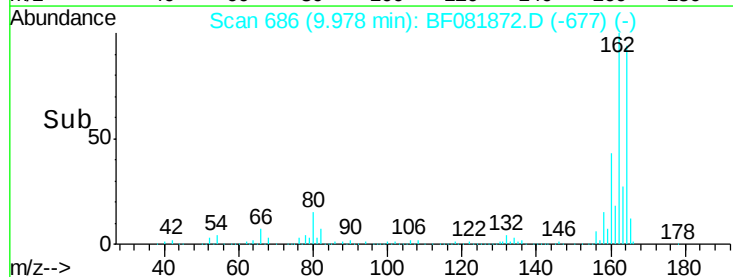
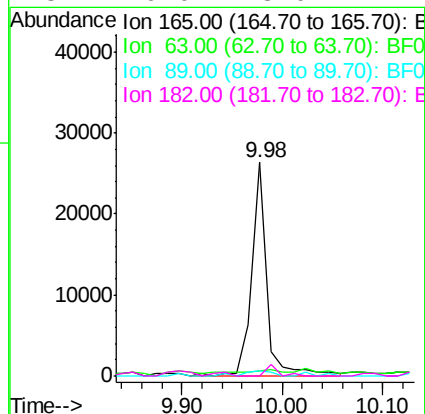
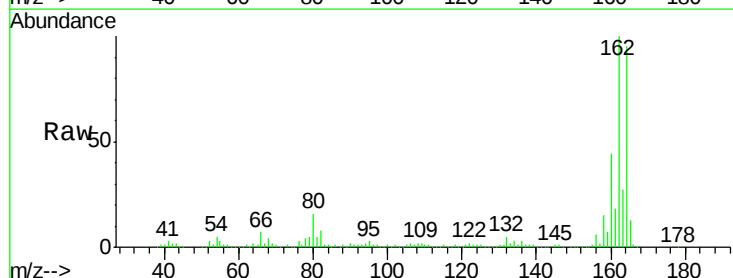
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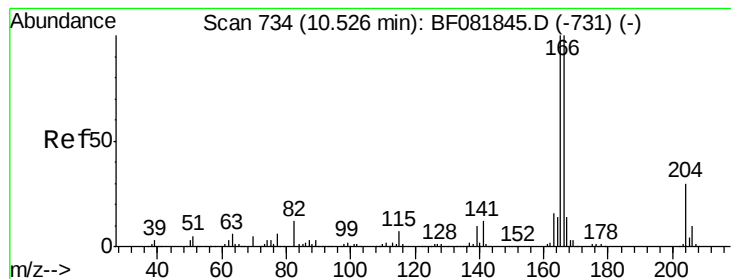
Tgt Ion:172 Resp: 1263131
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.3 17.4 26.2



#56
 2,4-Dinitrotoluene
 Concen: 7.51 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.19 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Tgt Ion:165 Resp: 27930
 Ion Ratio Lower Upper
 165 100
 63 2.4 29.8 44.6#
 89 2.5 44.5 66.7#
 182 0.0 3.0 4.4#





#57

Fluorene

Concen: Below Cal

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081872.D

Acq: 29 Sep 2015 8:05

Instrument :

BNA_F

ClientSampleId :

PZ-6-9-17-15

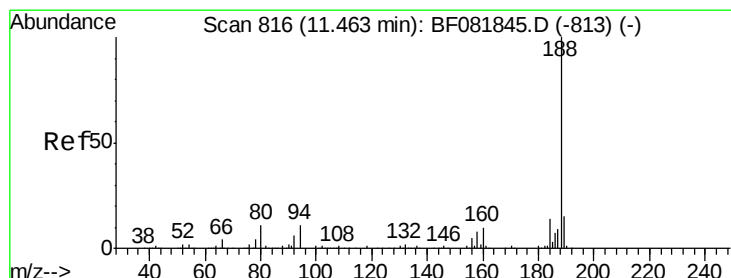
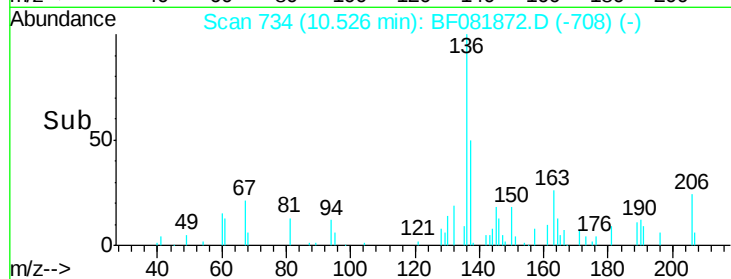
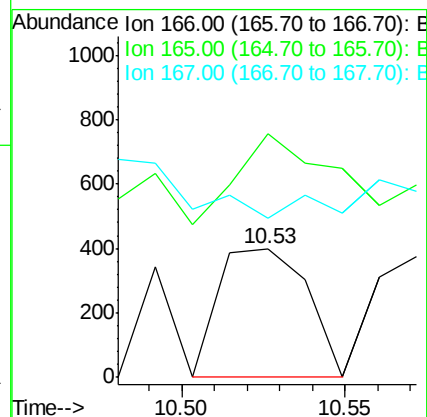
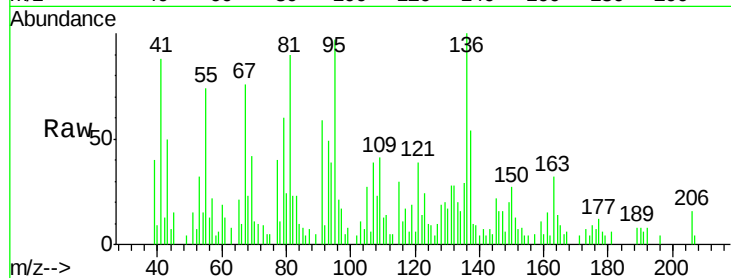
Tgt Ion:166 Resp: 747

Ion Ratio Lower Upper

166 100

165 189.5 72.6 109.0#

167 123.6 10.6 16.0#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081872.D

Acq: 29 Sep 2015 8:05

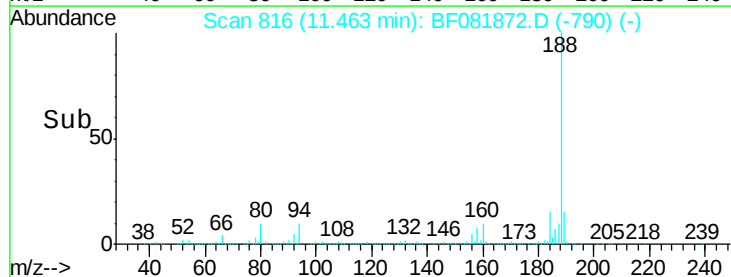
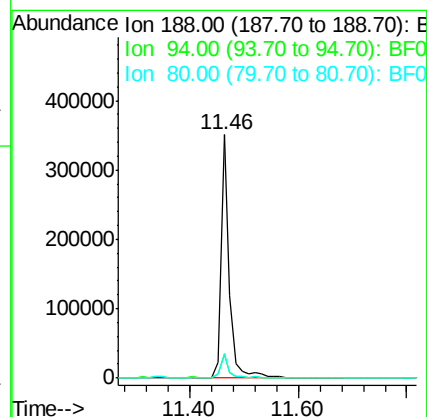
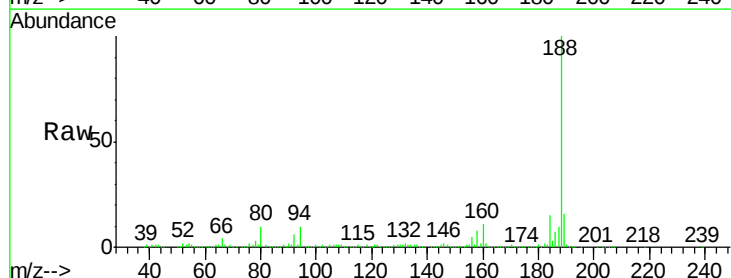
Tgt Ion:188 Resp: 382673

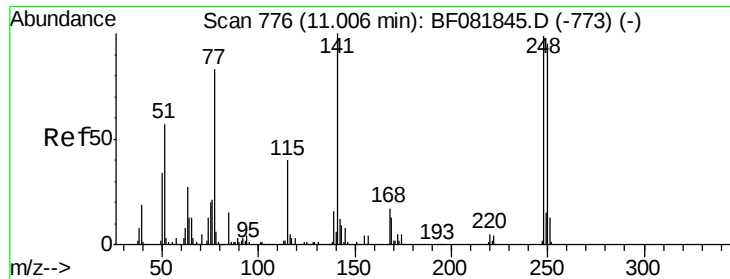
Ion Ratio Lower Upper

188 100

94 9.9 11.1 16.7#

80 10.2 11.0 16.4#

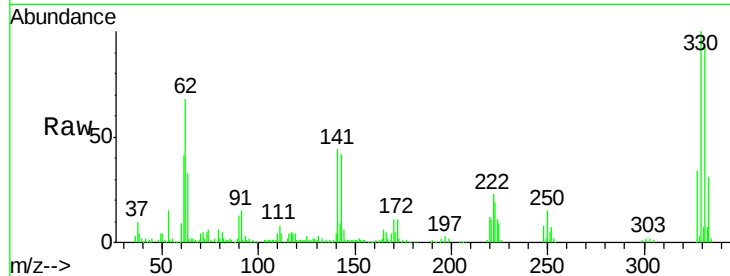




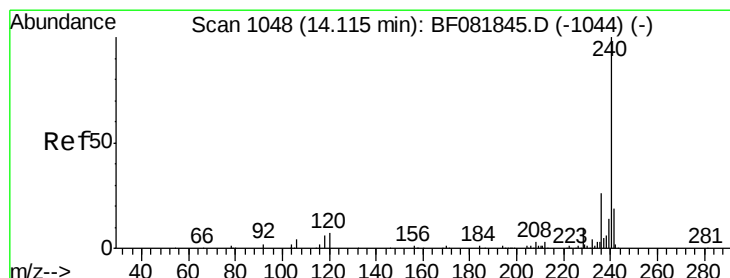
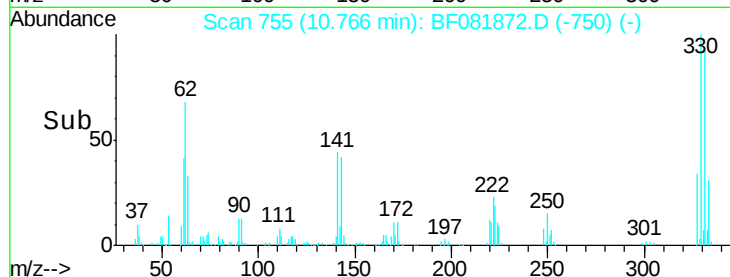
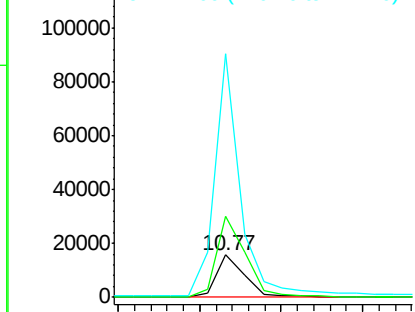
#66
 4-Bromophenyl-phenylether
 Concen: 4.93 ng
 RT: 10.77 min Scan# 755
 Delta R.T. -0.24 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

Tgt Ion:248 Resp: 19037
 Ion Ratio Lower Upper
 248 100
 250 191.2 78.5 117.7#
 141 577.1 59.0 88.6#

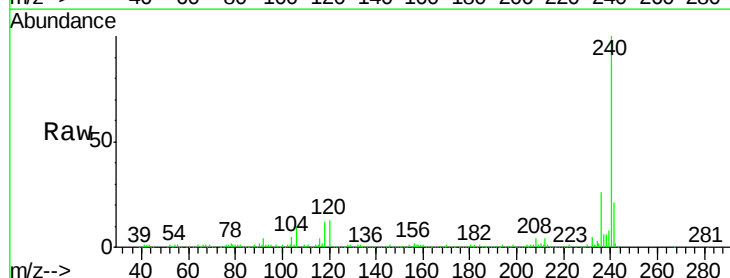


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

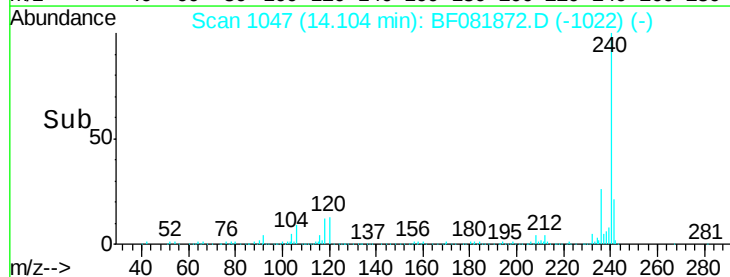
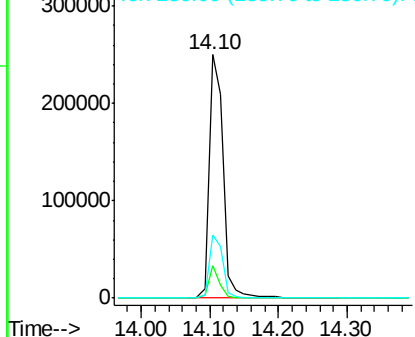


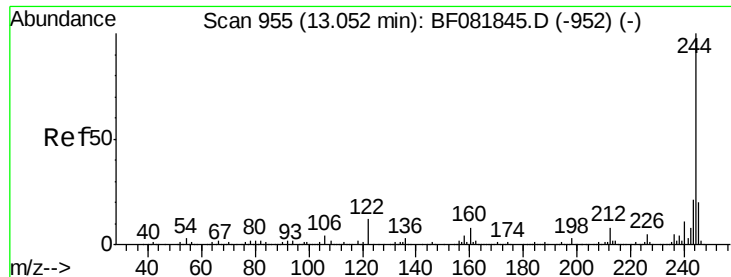
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Tgt Ion:240 Resp: 354133
 Ion Ratio Lower Upper
 240 100
 120 13.2 16.2 24.2#
 236 26.0 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

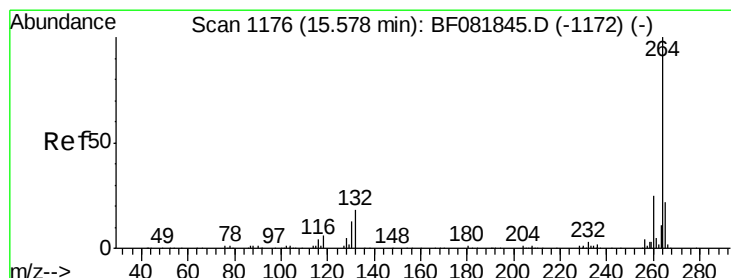
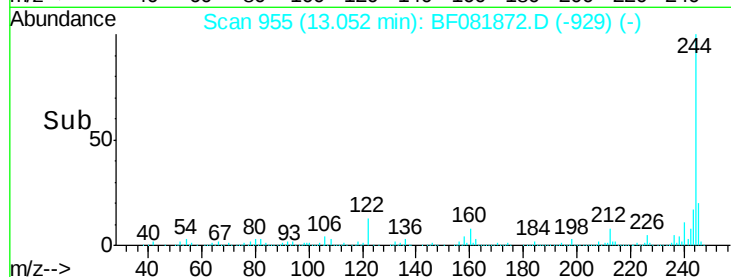
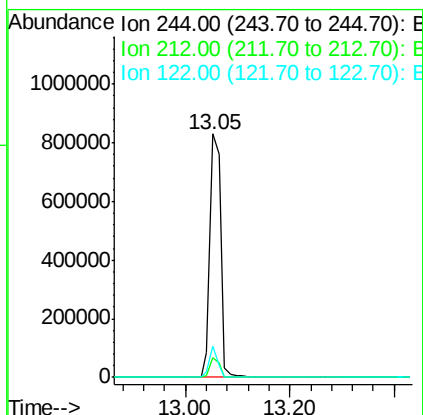
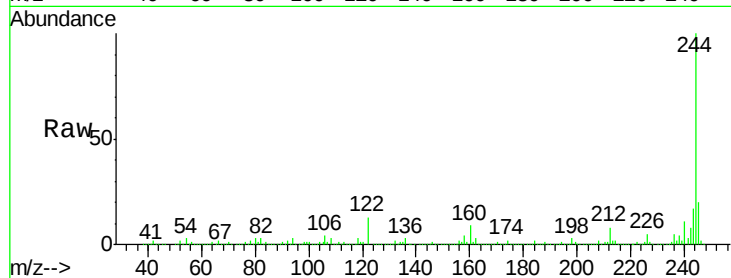




#78
 Terphenyl-d14
 Concen: 125.21 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6-9-17-15

Tgt Ion:244 Resp: 1198906
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 12.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081872.D
 Acq: 29 Sep 2015 8:05

Tgt Ion:264 Resp: 279520
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.7 25.1
 265 21.6 17.2 25.8

