

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082105.D
 Acq On : 7 Oct 2015 15:29
 Operator : UM/IZ
 Sample : PB85924BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85924BL

Quant Time: Oct 08 02:50:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

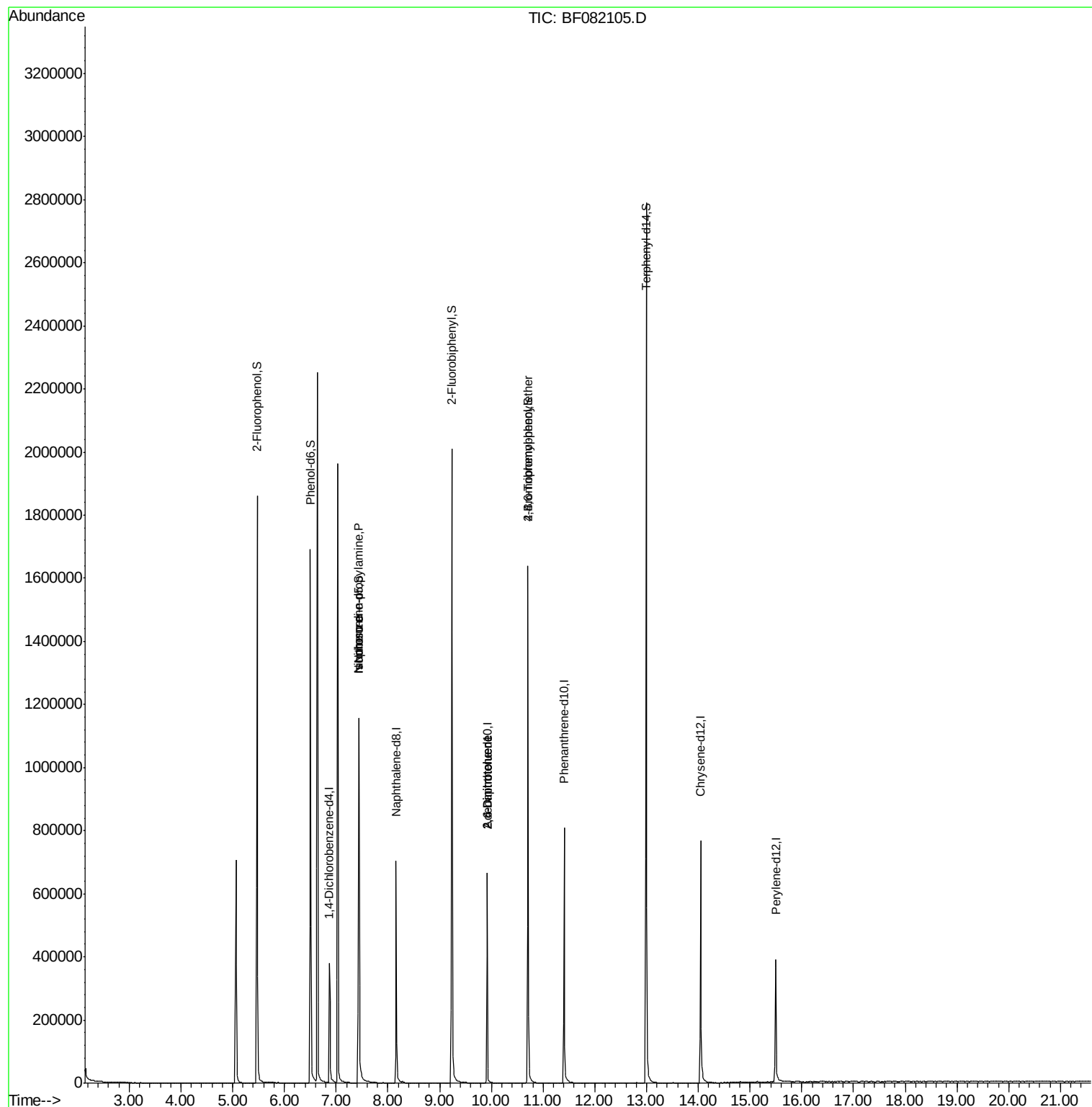
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	91165	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	372790	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	181777	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	374939	20.00	ng	0.00
75) Chrysene-d12	14.05	240	345288	20.00	ng	-0.01
86) Perylene-d12	15.50	264	270464	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	581870	115.86	ng	0.01
7) Phenol-d6	6.50	99	742315	117.47	ng	0.00
23) Nitrobenzene-d5	7.44	82	472757	84.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	222350	120.78	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	985065	92.19	ng	-0.01
78) Terphenyl-d14	12.99	244	1025253	101.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	59008	15.36	ng	# 58
25) Isophorone	7.44	82	414888	37.43	ng	# 58
50) 2,6-Dinitrotoluene	9.92	165	22397	8.22	ng	# 37
56) 2,4-Dinitrotoluene	9.92	165	22399	6.45	ng	# 31
57) Fluorene	10.71	166	9893	Below	Cal	# 78
66) 4-Bromophenyl-phenylether	10.71	248	15253	4.03	ng	# 1
73) Di-n-butylphthalate	11.97	149	298	Below	Cal	# 78

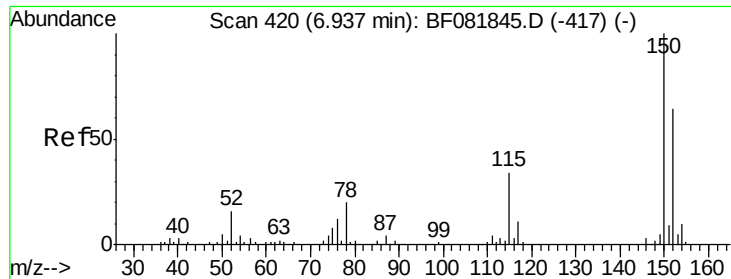
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082105.D

Acq: 7 Oct 2015 15:29

Instrument :

BNA_F

ClientSampleId :

PB85924BL

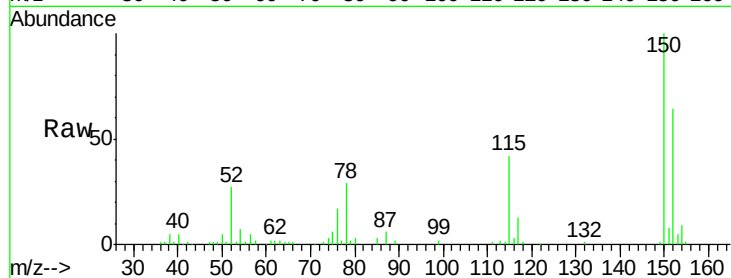
Tot Ion:152 Resp: 91165

Ion Ratio Lower Upper

152 100

150 157.3 124.7 187.1

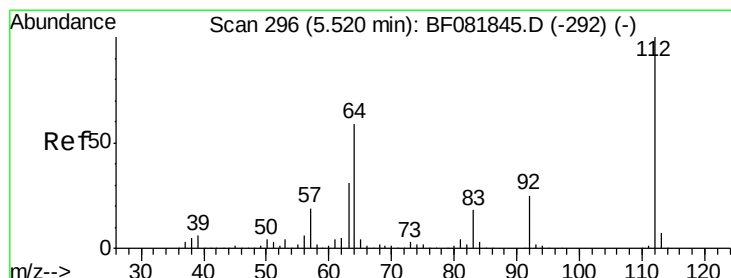
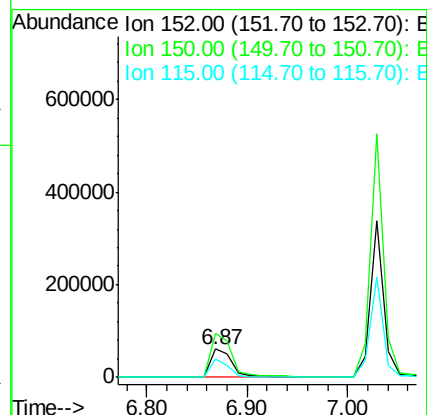
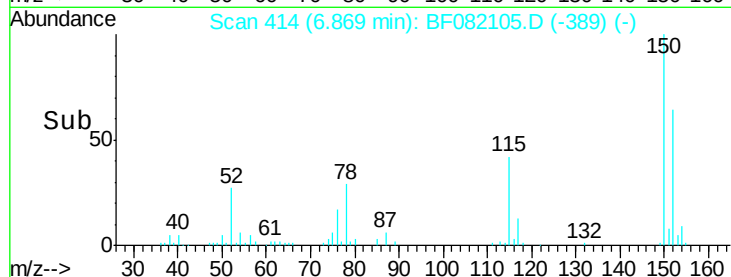
115 65.4 39.0 58.4#



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: 115.86 ng

RT: 5.47 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082105.D

Acq: 7 Oct 2015 15:29

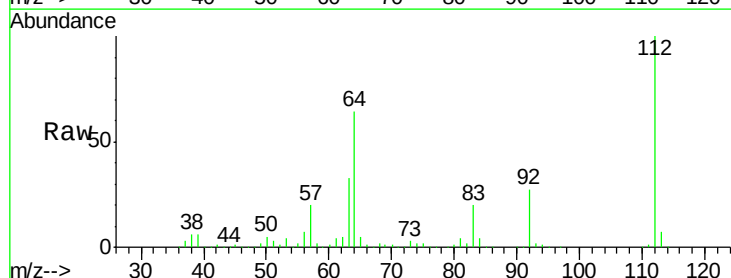
Tgt Ion:112 Resp: 581870

Ion Ratio Lower Upper

112 100

64 63.6 39.7 59.5#

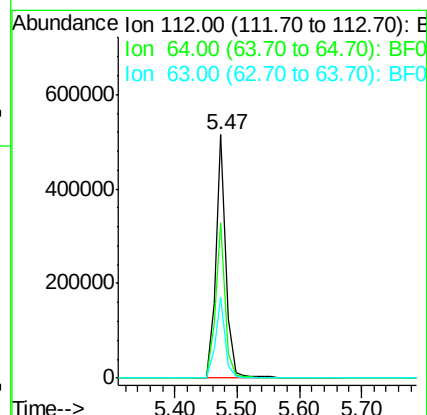
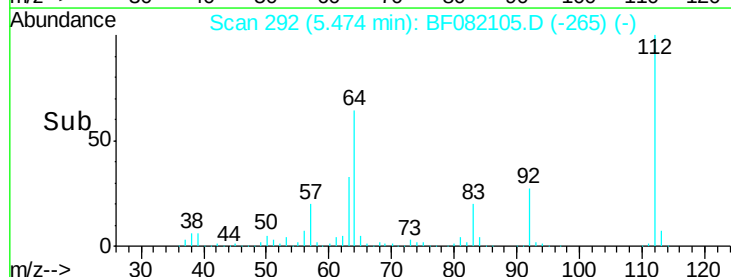
63 33.3 17.4 26.0#

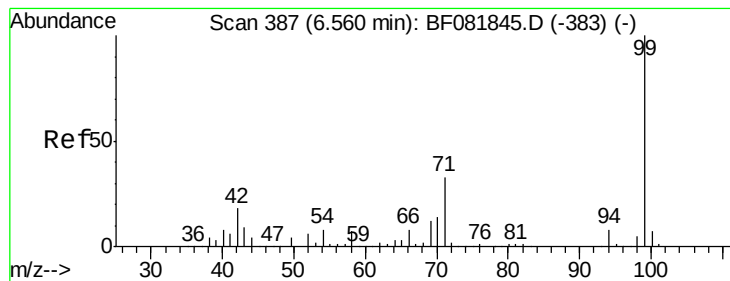


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.47 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082105.D

Acq: 7 Oct 2015 15:29

Instrument :

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ClientSampleId :

PB85924BL

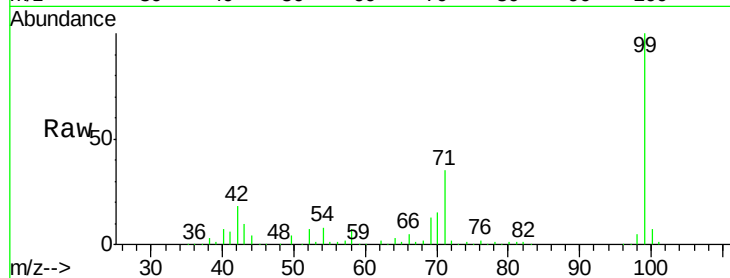
Tot Ion: 99 Resp: 742315

Ion Ratio Lower Upper

99 100

42 18.5 13.7 20.5

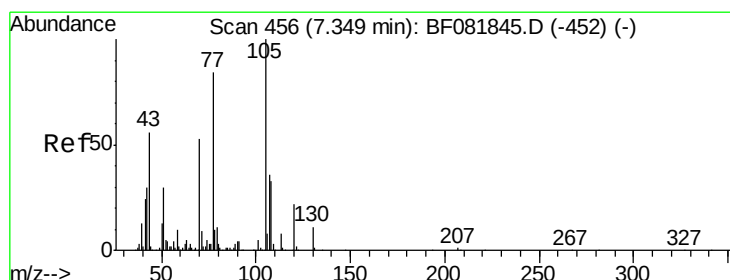
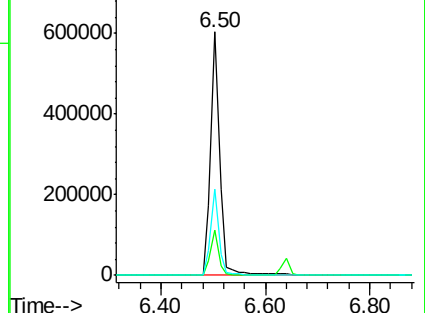
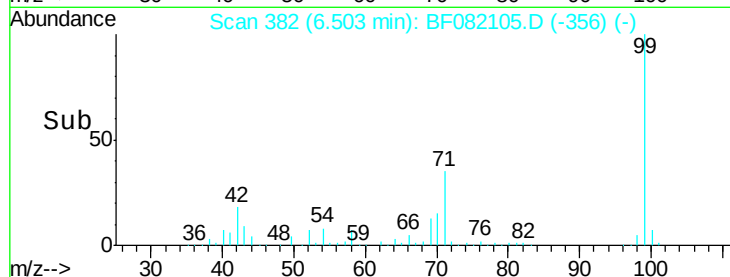
71 35.4 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.36 ng

RT: 7.44 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF082105.D

Acq: 7 Oct 2015 15:29

Tgt Ion: 70 Resp: 59008

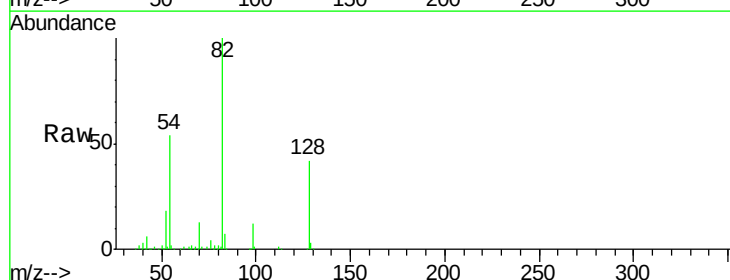
Ion Ratio Lower Upper

70 100

42 46.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

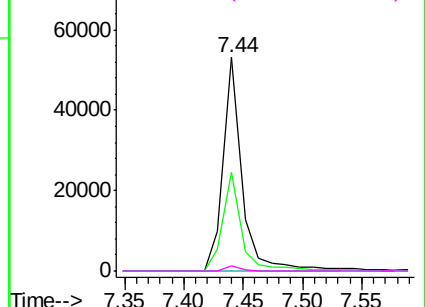
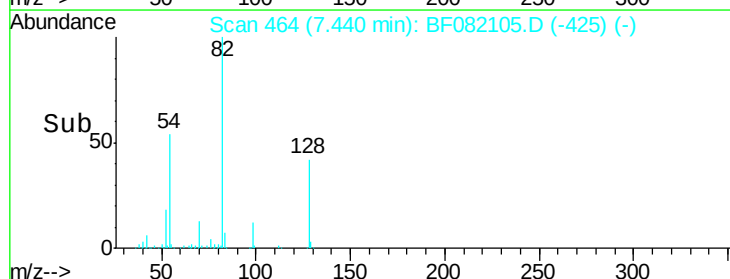


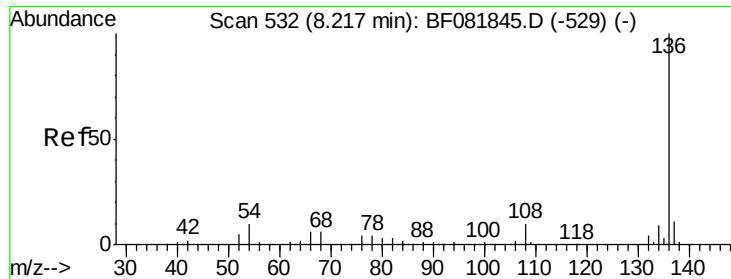
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

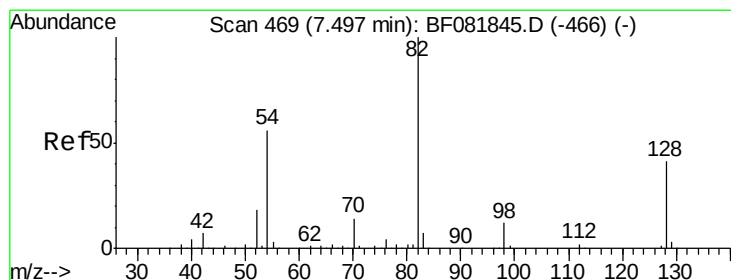
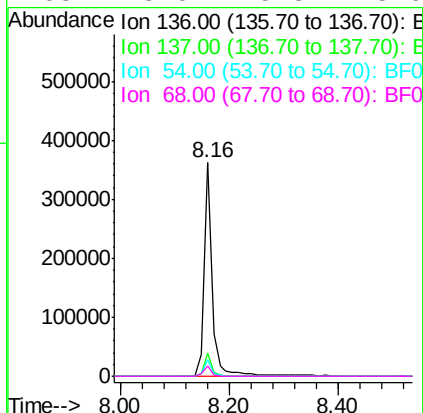
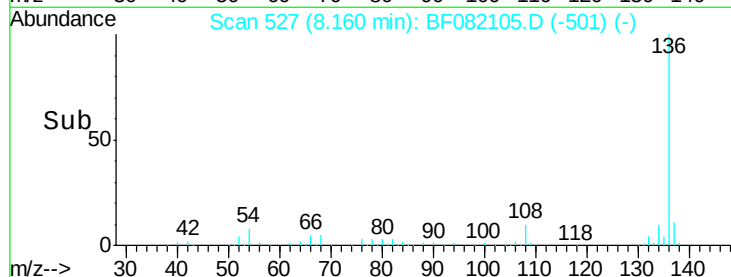
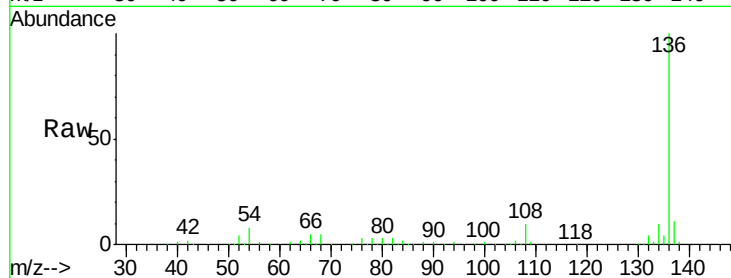




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082105.D
Acq: 7 Oct 2015 15:29

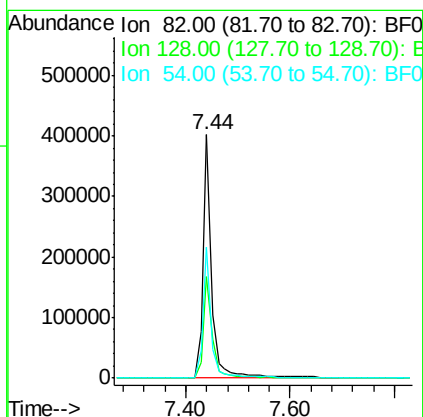
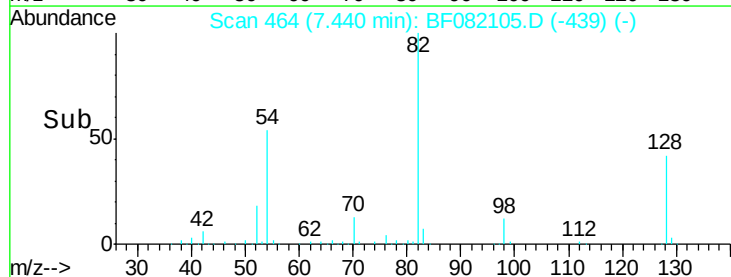
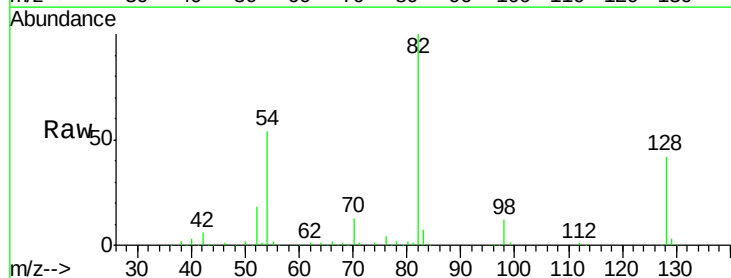
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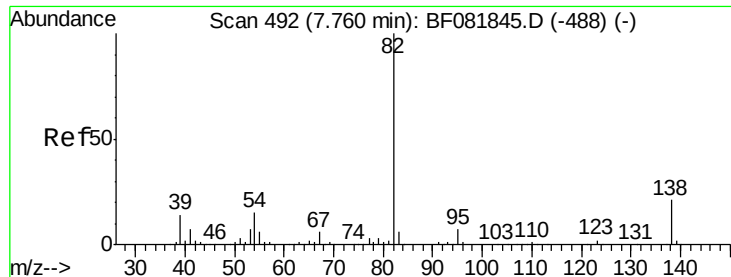
Tot Ion:136	Resp:	372790
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.6
54	7.8	8.2 12.2#
68	5.0	5.8 8.6#



#23
Nitrobenzene-d5
Concen: 84.54 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082105.D
Acq: 7 Oct 2015 15:29

Tgt Ion: 82	Resp:	472757
Ion	Ratio	Lower Upper
82	100	
128	41.7	51.0 76.6#
54	53.9	47.5 71.3





#25

Isophorone

Concen: 37.43 ng

RT: 7.44 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF082105.D

Acq: 7 Oct 2015 15:29

Instrument :

BNA_F

ClientSampleId :

PB85924BL

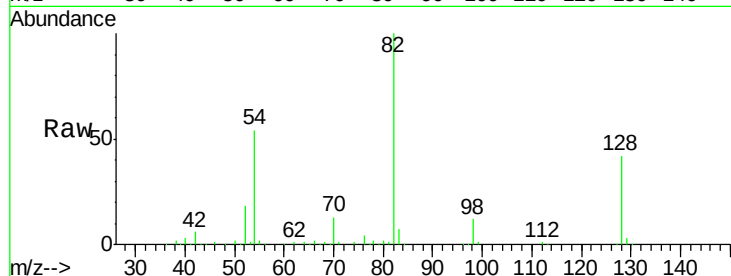
Tot Ion: 82 Resp: 414888

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

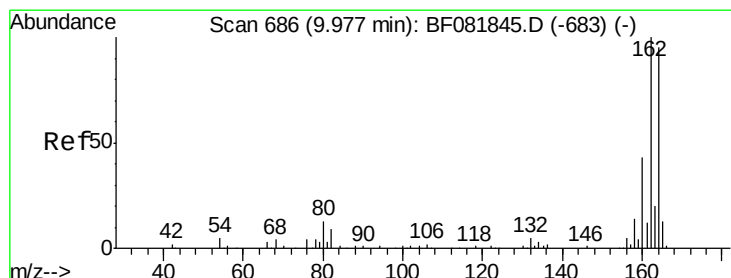
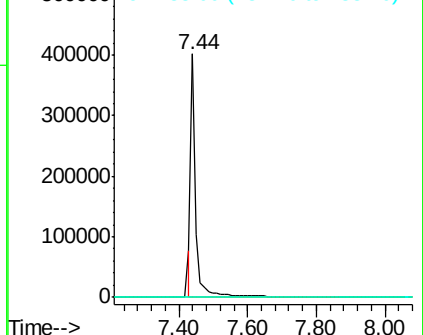
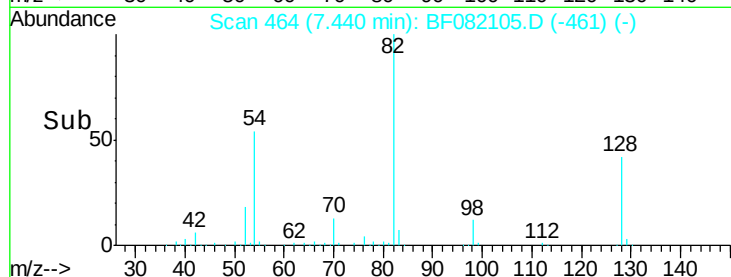
138 0.0 18.3 27.5#



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: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082105.D

Acq: 7 Oct 2015 15:29

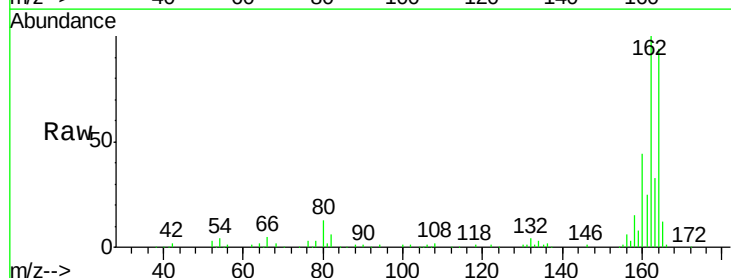
Tgt Ion: 164 Resp: 181777

Ion Ratio Lower Upper

164 100

162 106.3 75.2 112.8

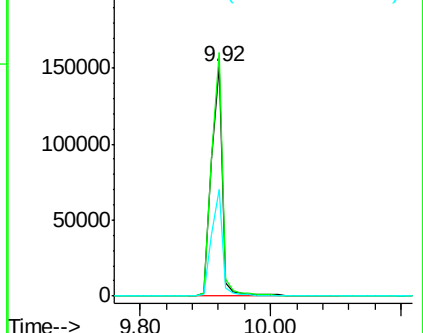
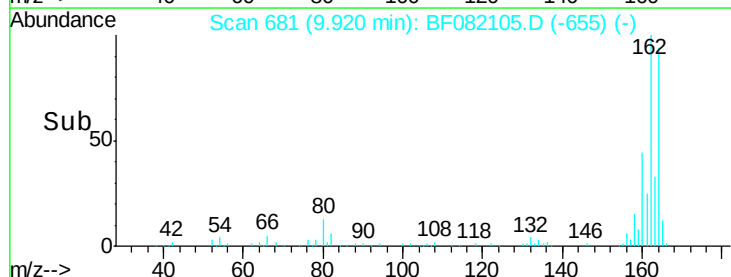
160 46.6 31.5 47.3

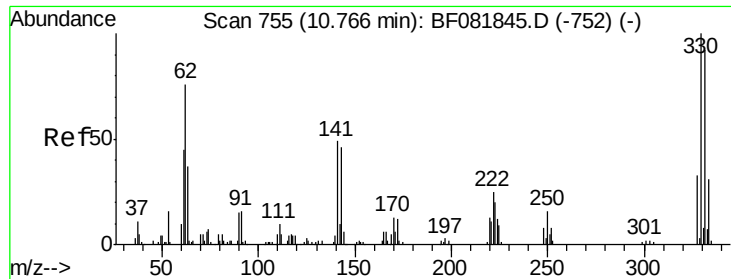


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

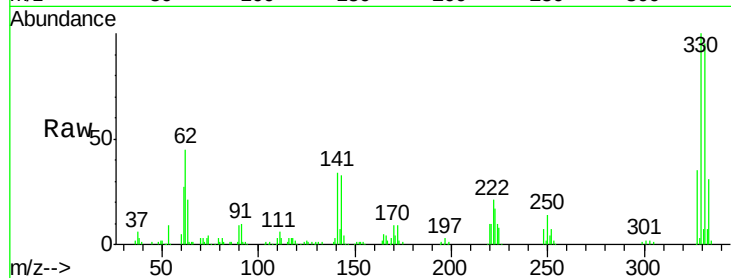




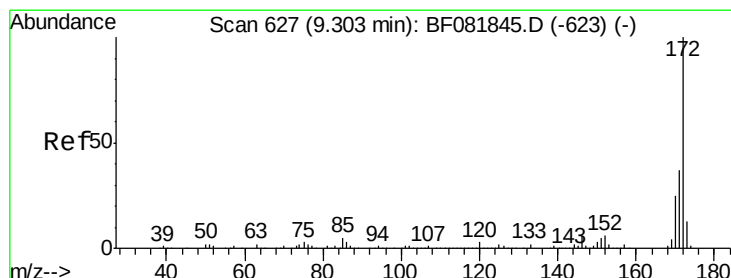
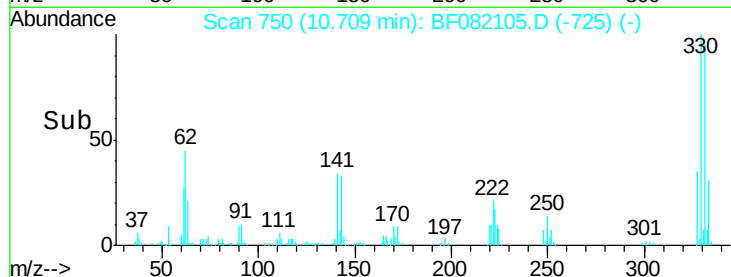
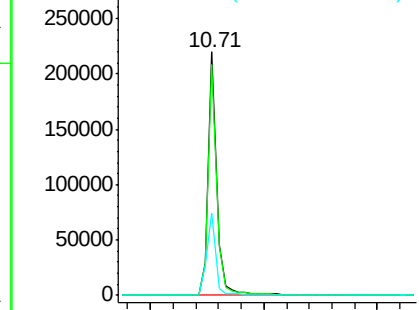
#41
 2,4,6-Tribromophenol
 Concen: 120.78 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

Instrument :
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Tot Ion	330	Resp	222350
Ion Ratio	100		
330	100	76.6	114.8
332	95.8		
141	35.6	29.7	44.5

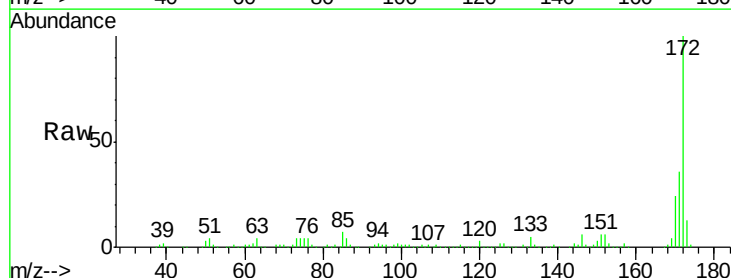


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

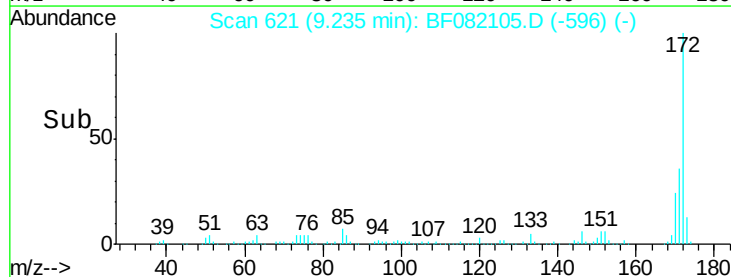
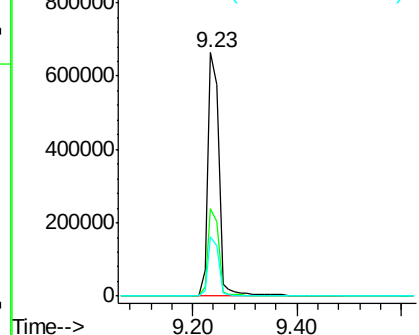


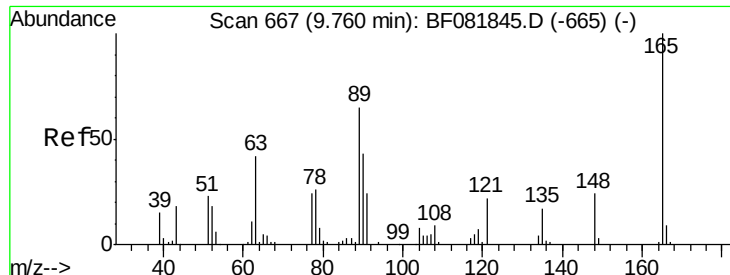
#44
 2-Fluorobiphenyl
 Concen: 92.19 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

Tgt Ion	172	Resp	985065
Ion Ratio	100		
172	100	26.1	39.1
171	35.8		
170	24.1	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

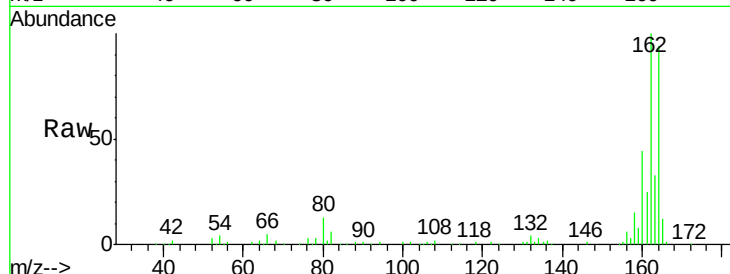




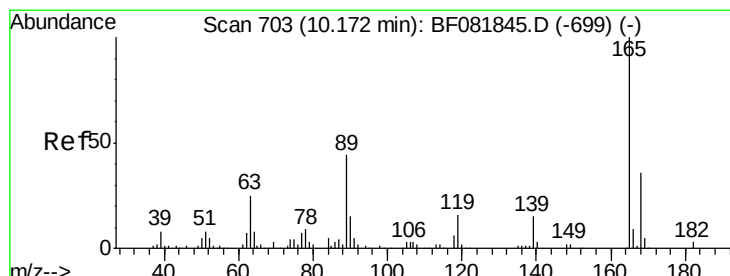
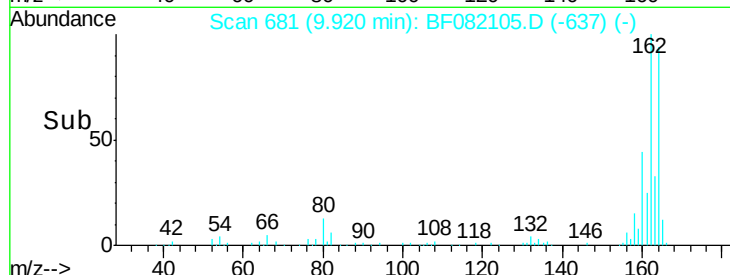
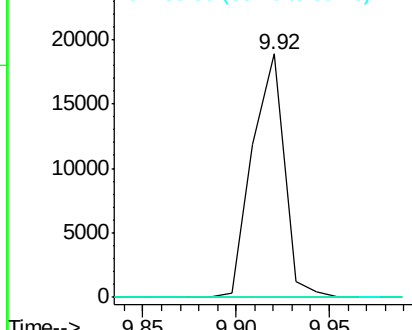
#50
 2,6-Dinitrotoluene
 Concen: 8.22 ng
 RT: 9.92 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 PB85924BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



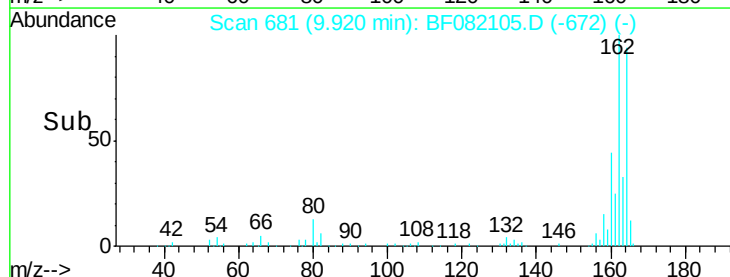
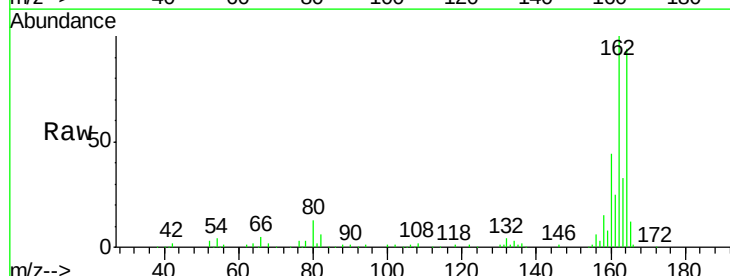
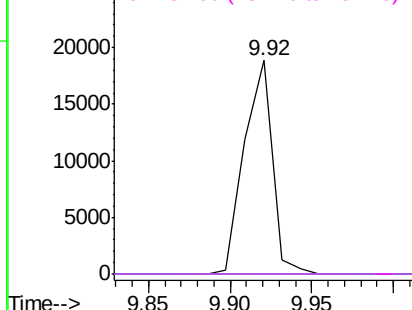
Abundance Ion 165.00 (164.70 to 165.70): E

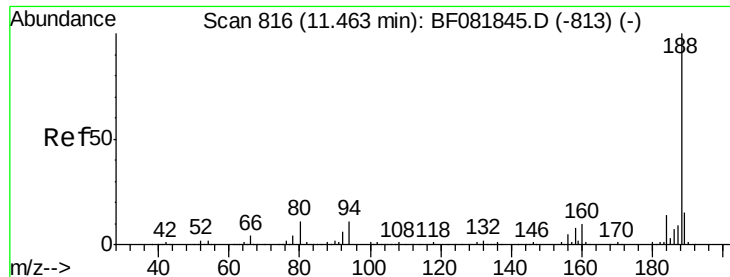


#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

Abundance Ion 165.00 (164.70 to 165.70): E

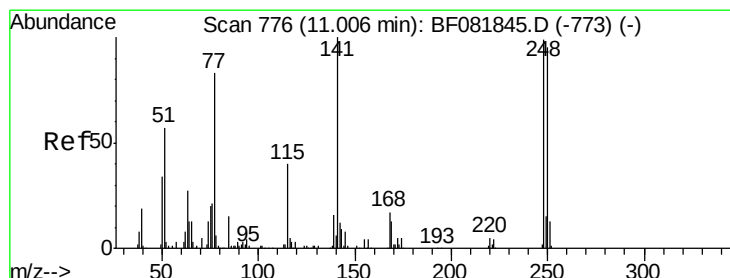
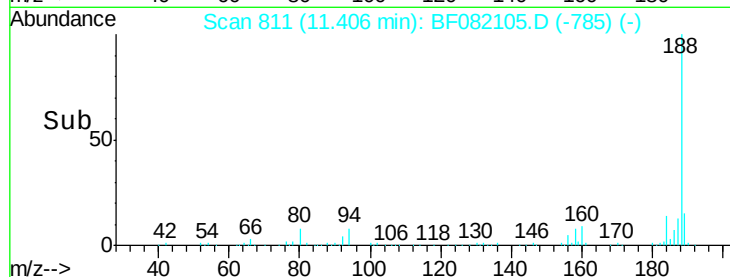
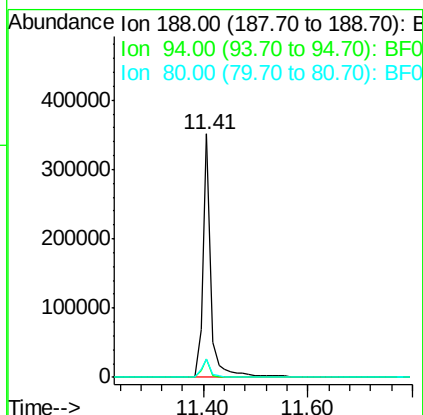
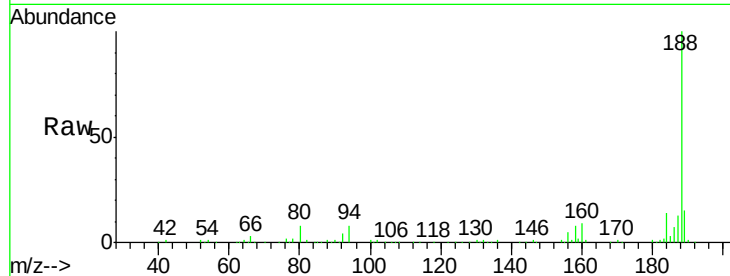




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

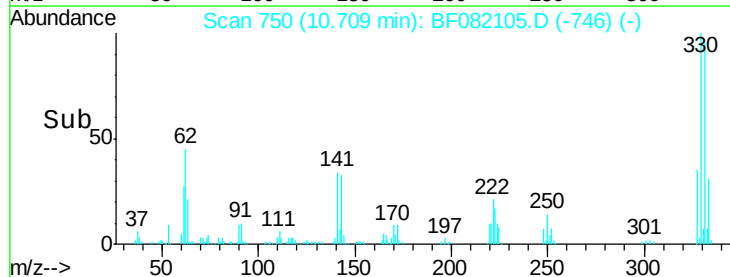
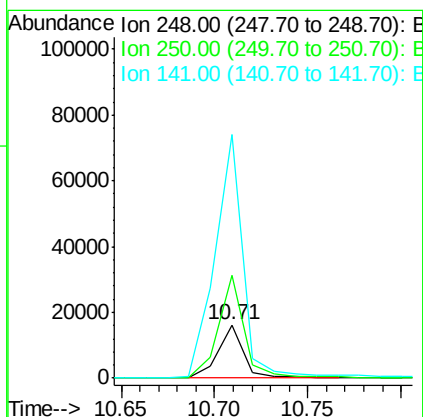
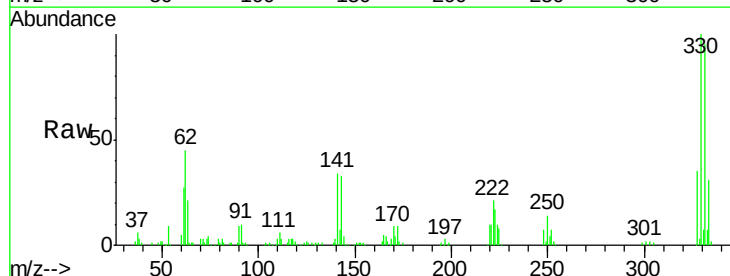
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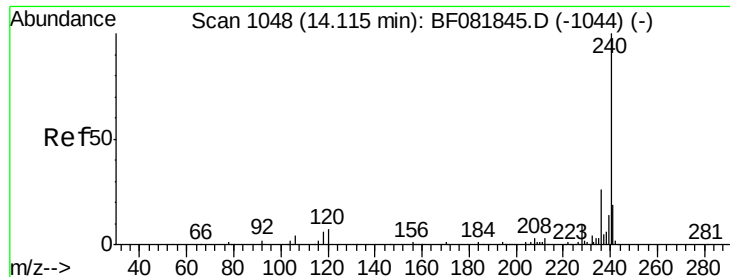
Tot Ion:188 Resp: 374939
 Ion Ratio Lower Upper
 188 100
 94 7.7 11.1 16.7#
 80 7.5 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.03 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF082105.D
 Acq: 7 Oct 2015 15:29

Tgt Ion:248 Resp: 15253
 Ion Ratio Lower Upper
 248 100
 250 191.3 78.5 117.7#
 141 455.5 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF082105.D

Acq: 7 Oct 2015 15:29

Instrument :

BNA_F

ClientSampleId :

PB85924BL

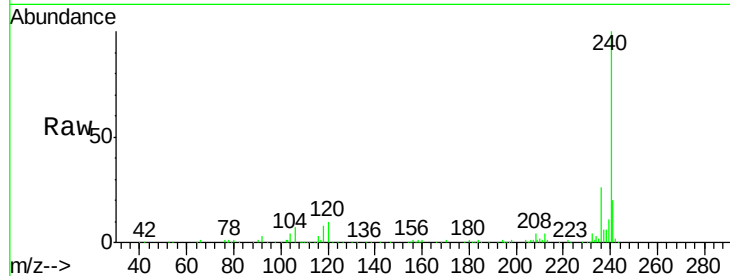
Tot Ion:240 Resp: 345288

Ion Ratio Lower Upper

240 100

120 9.6 16.2 24.2#

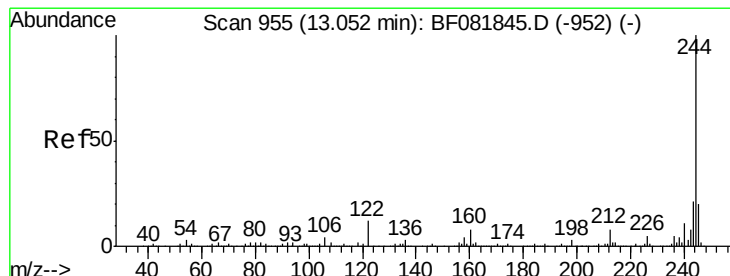
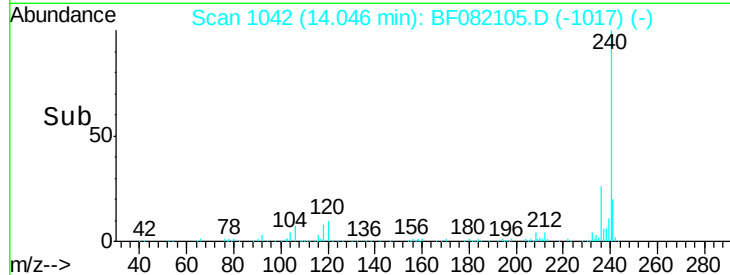
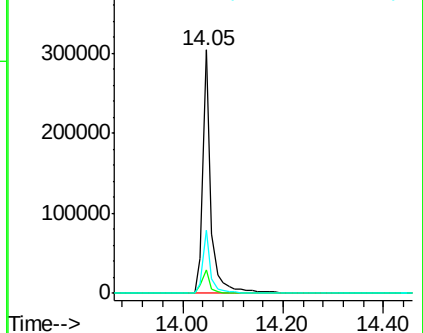
236 26.0 18.4 27.6



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: 101.13 ng

RT: 12.99 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF082105.D

Acq: 7 Oct 2015 15:29

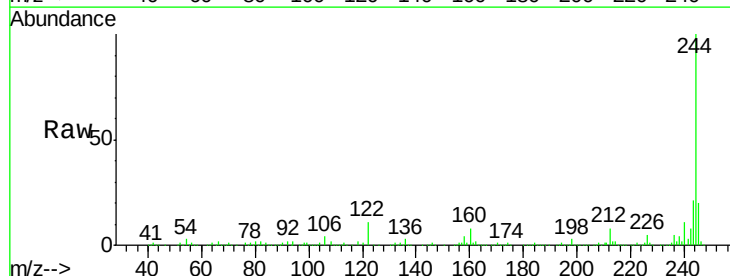
Tgt Ion:244 Resp: 1025253

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

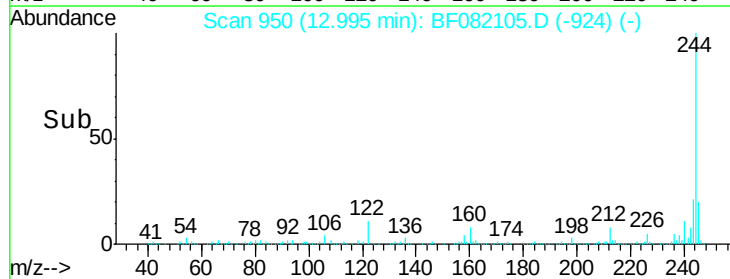
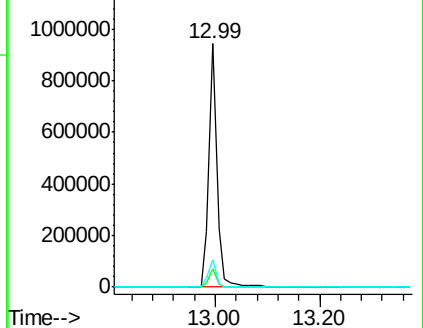
122 11.2 17.4 26.2#

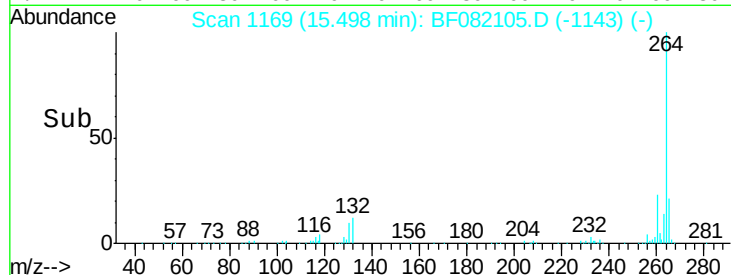
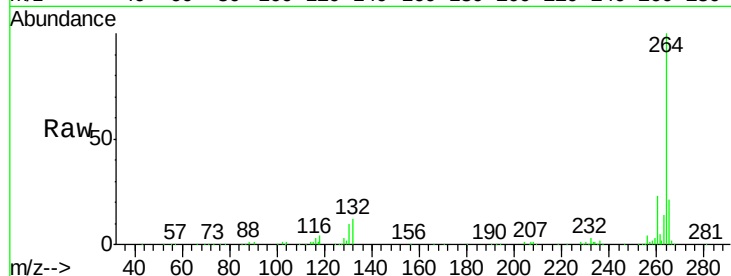
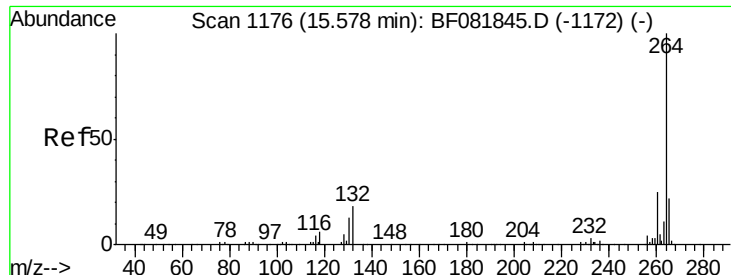


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF082105.D
Acq: 7 Oct 2015 15:29

Instrument :
BNA_F
ClientSampleId :
PB85924BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	16.7	25.1
265	21.1	17.2	25.8

