

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082083.D
 Acq On : 6 Oct 2015 14:36
 Operator : UM/IZ
 Sample : PB85944BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BL

Quant Time: Oct 07 02:04:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

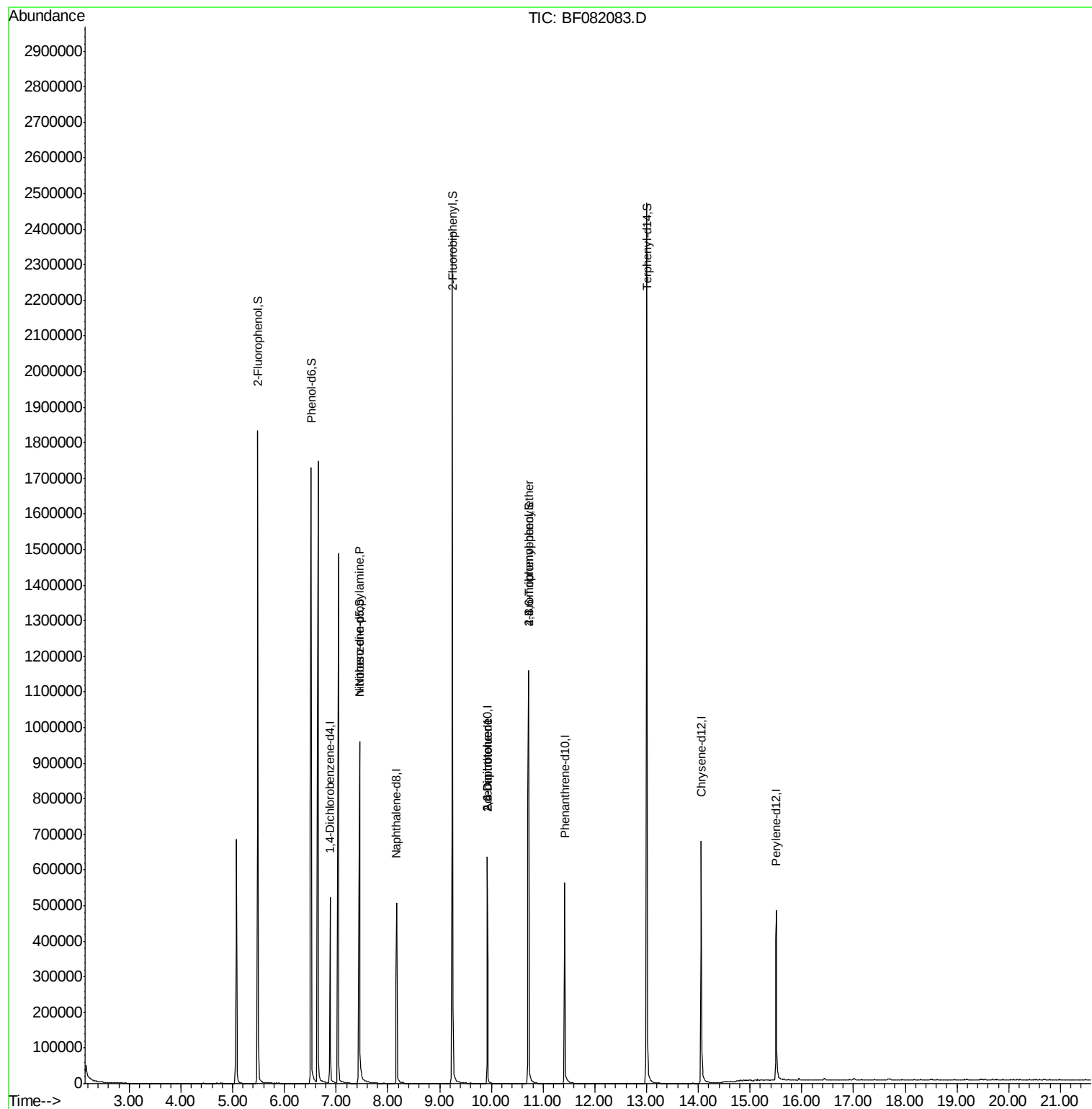
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	85651	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	331979	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	164101	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	343162	20.00	ng	0.00
75) Chrysene-d12	14.06	240	354028	20.00	ng	-0.01
86) Perylene-d12	15.51	264	300401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	539597	114.36	ng	0.01
7) Phenol-d6	6.51	99	699477	117.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	436407	87.63	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	212542	127.89	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	846518	86.64	ng	0.00
78) Terphenyl-d14	13.01	244	1047304	100.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	54602	15.13	ng	# 56
50) 2,6-Dinitrotoluene	9.92	165	20864	8.48	ng	# 38
56) 2,4-Dinitrotoluene	9.92	165	20865	6.66	ng	# 33
66) 4-Bromophenyl-phenylether	10.72	248	13571	3.92	ng	# 1
73) Di-n-butylphthalate	11.98	149	657	Below Cal		# 78

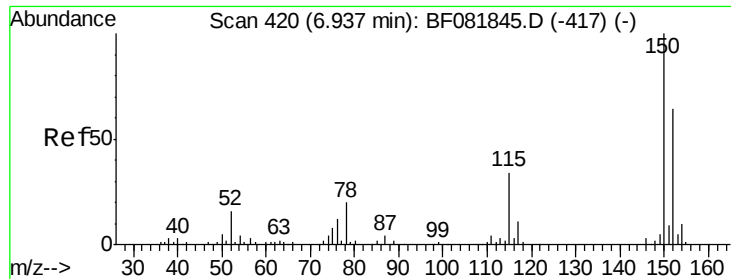
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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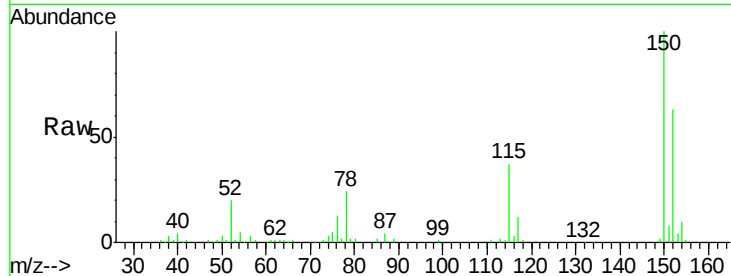


#1

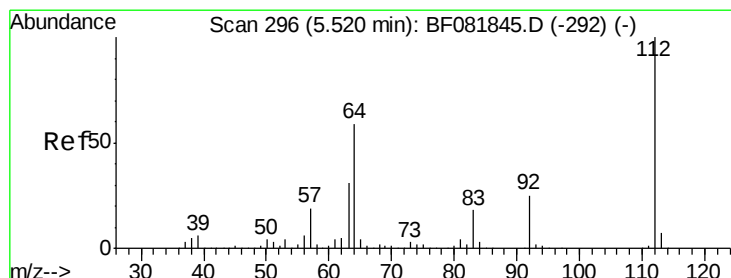
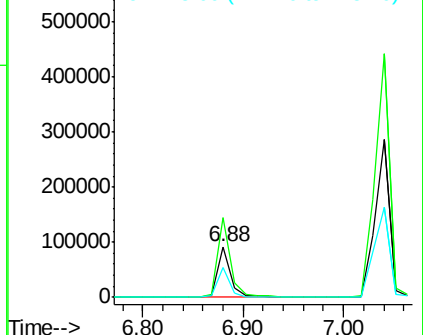
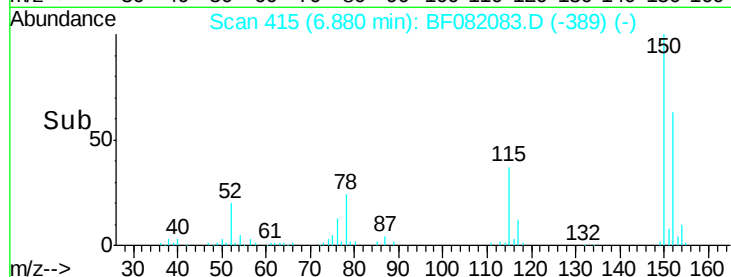
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF082083.D
Acq: 6 Oct 2015 14:36

Instrument :
BNA_F
ClientSampleId :
PB85944BL

Tot Ion:152 Resp: 85651
Ion Ratio Lower Upper
152 100
150 158.4 124.7 187.1
115 58.1 39.0 58.4



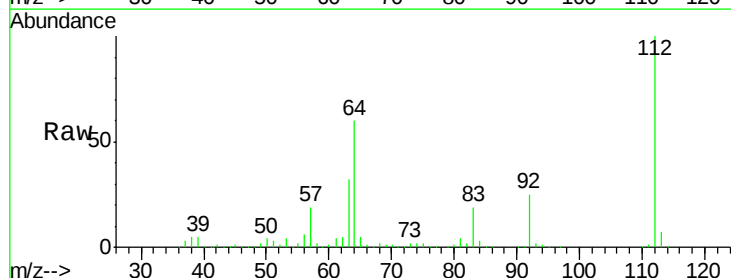
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



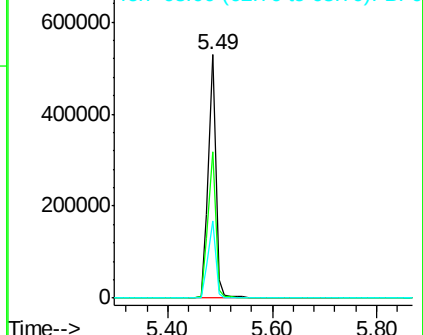
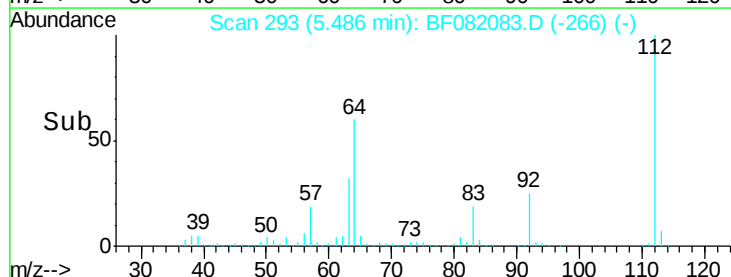
#5

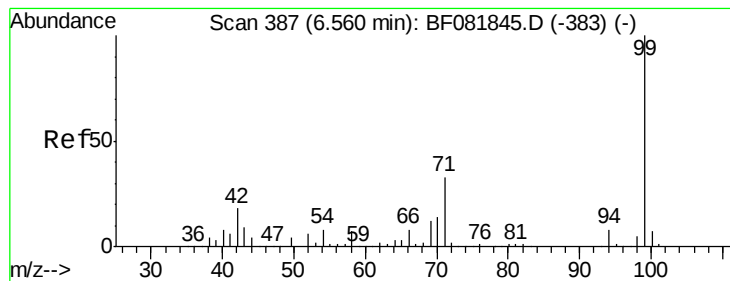
2-Fluorophenol
Concen: 114.36 ng
RT: 5.49 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF082083.D
Acq: 6 Oct 2015 14:36

Tgt Ion:112 Resp: 539597
Ion Ratio Lower Upper
112 100
64 59.9 39.7 59.5#
63 31.8 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: 117.81 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082083.D

Acq: 6 Oct 2015 14:36

Instrument :

BNA_F

ClientSampleId :

PB85944BL

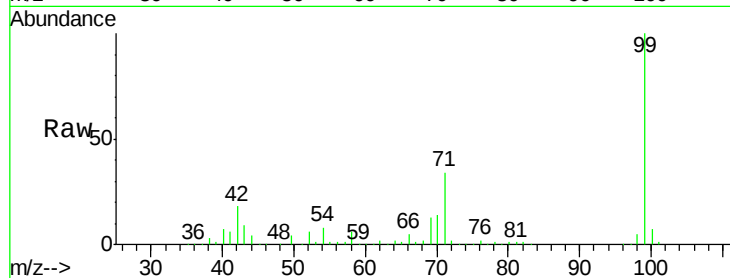
Tot Ion: 99 Resp: 699477

Ion Ratio Lower Upper

99 100

42 17.6 13.7 20.5

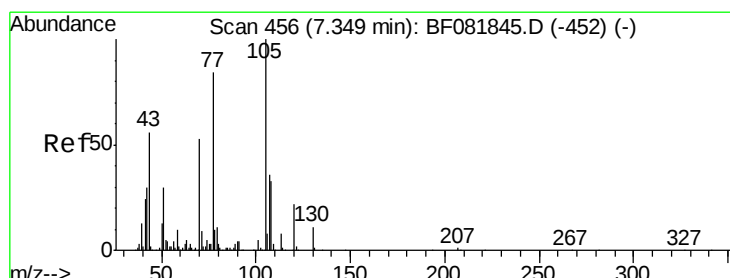
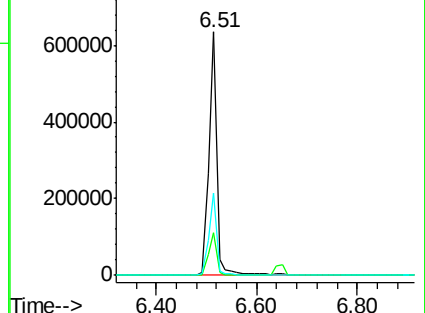
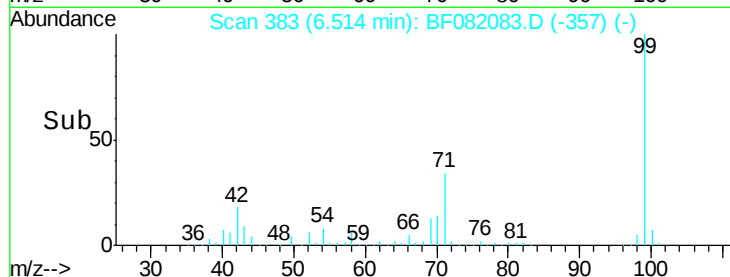
71 33.9 14.2 21.2#



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: 15.13 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF082083.D

Acq: 6 Oct 2015 14:36

Tgt Ion: 70 Resp: 54602

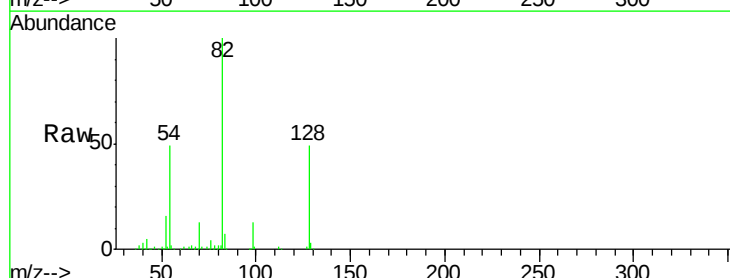
Ion Ratio Lower Upper

70 100

42 43.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.8 27.3 40.9#

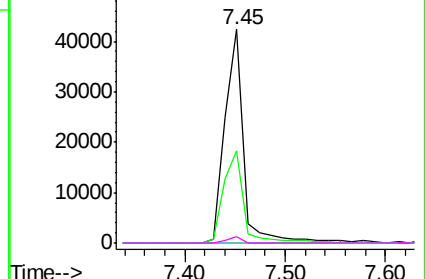
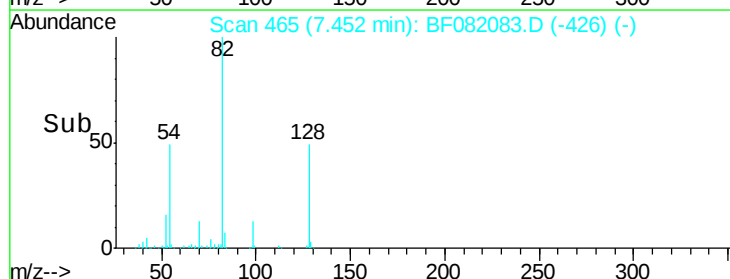


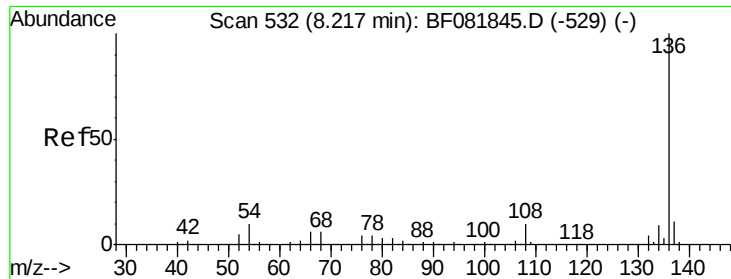
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

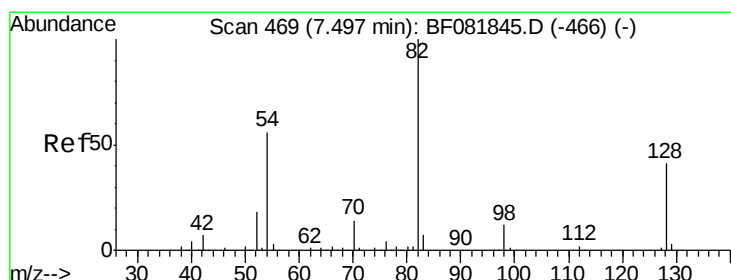
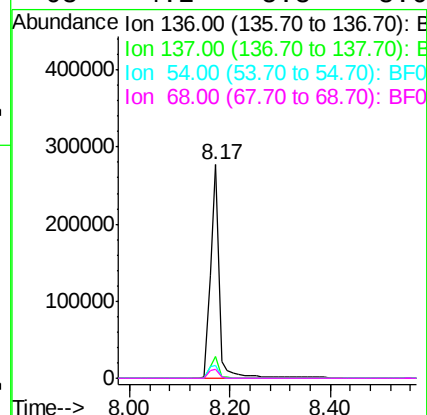
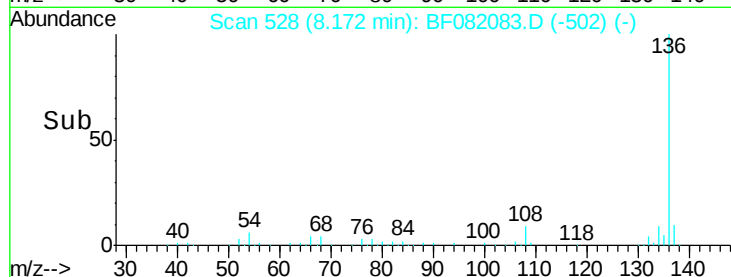
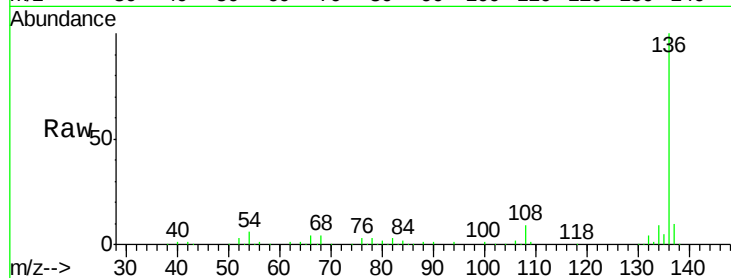




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082083.D
Acq: 6 Oct 2015 14:36

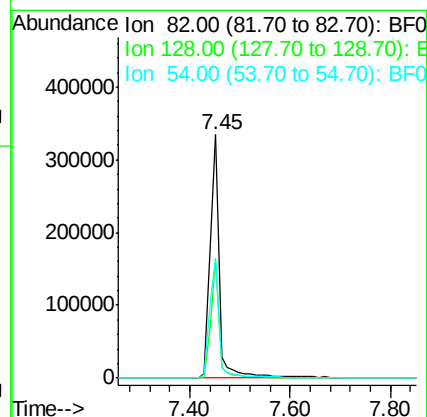
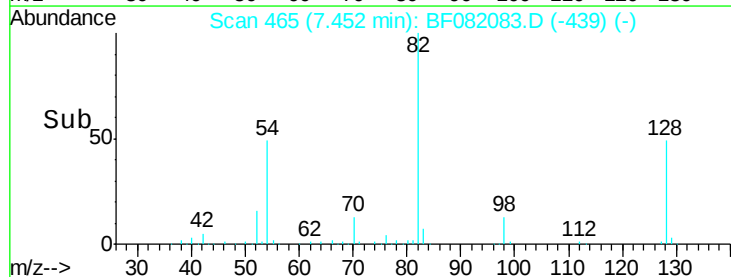
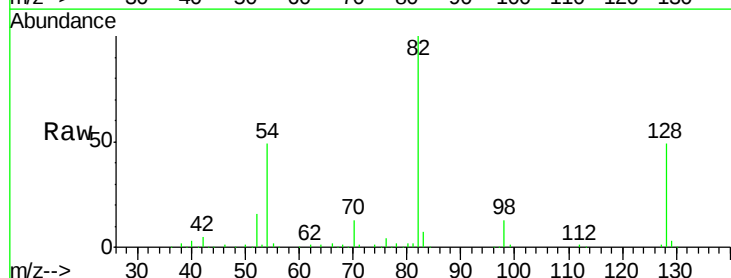
Instrument :
BNA_F
ClientSampleId :
PB85944BL

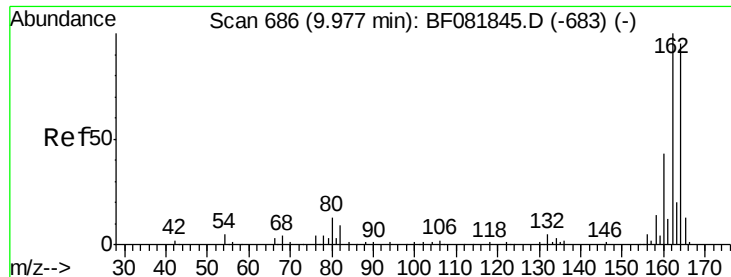
Tot Ion:136	Resp:	331979
Ion	Ratio	Lower Upper
136	100	
137	10.5	9.0 13.6
54	6.1	8.2 12.2#
68	4.2	5.8 8.6#



#23
Nitrobenzene-d5
Concen: 87.63 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082083.D
Acq: 6 Oct 2015 14:36

Tgt Ion: 82	Resp:	436407
Ion	Ratio	Lower Upper
82	100	
128	49.3	51.0 76.6#
54	48.6	47.5 71.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF082083.D

Acq: 6 Oct 2015 14:36

Instrument :

BNA_F

ClientSampleId :

PB85944BL

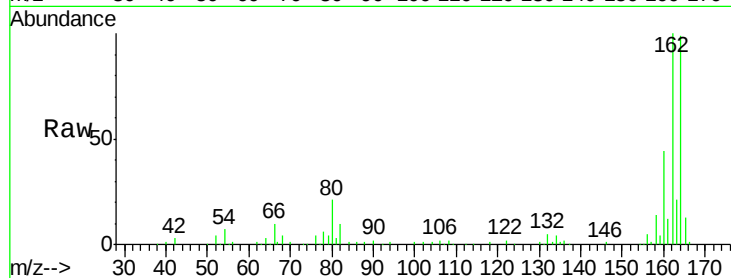
Tot Ion:164 Resp: 164101

Ion Ratio Lower Upper

164 100

162 101.3 75.2 112.8

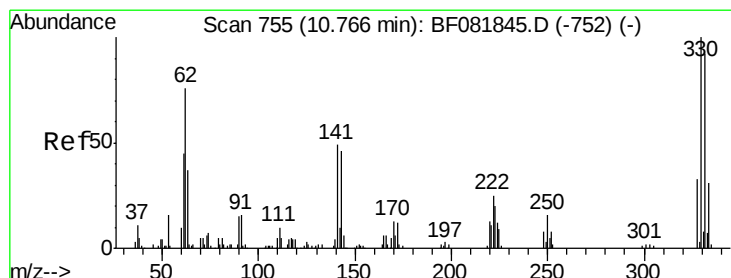
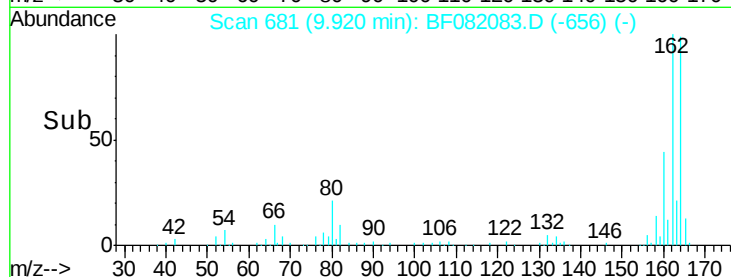
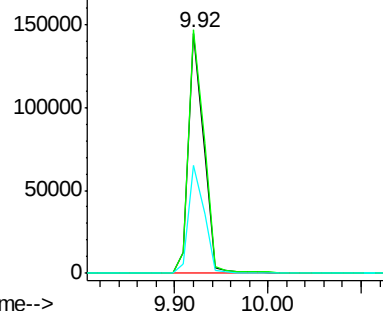
160 45.0 31.5 47.3



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: 127.89 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF082083.D

Acq: 6 Oct 2015 14:36

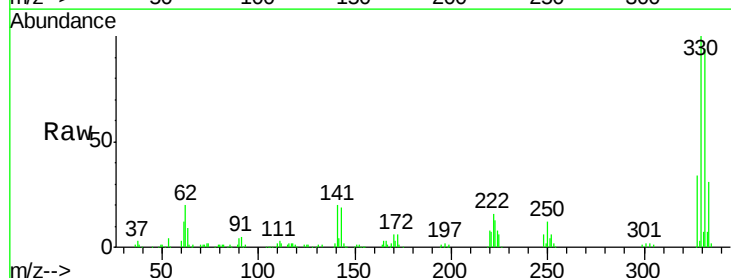
Tgt Ion:330 Resp: 212542

Ion Ratio Lower Upper

330 100

332 94.5 76.6 114.8

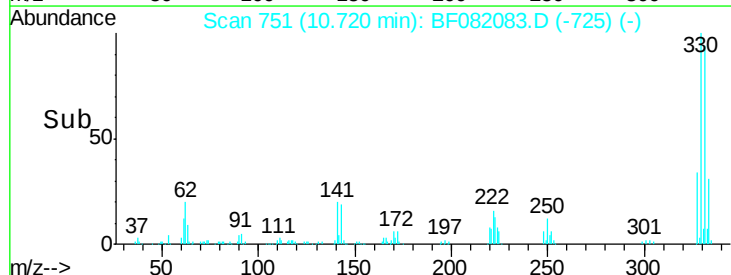
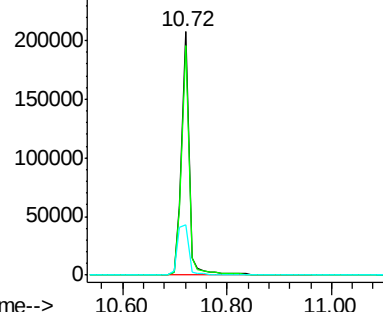
141 31.0 29.7 44.5

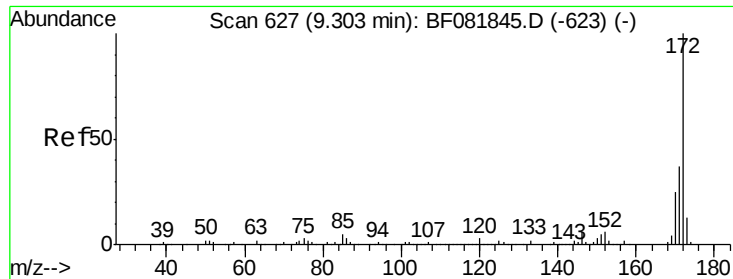


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

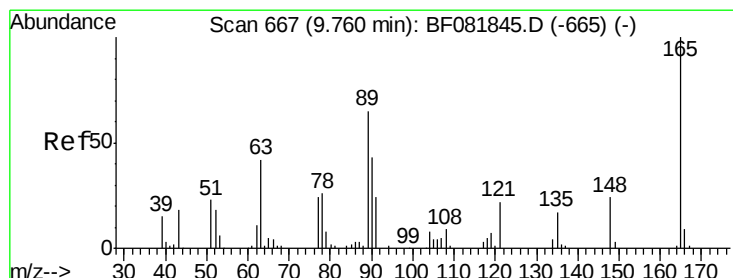
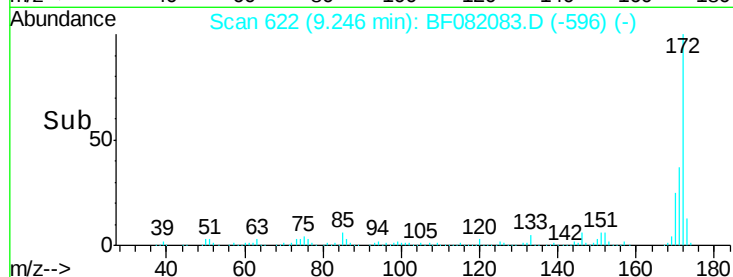
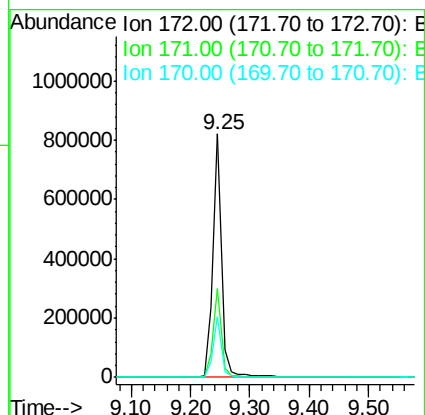
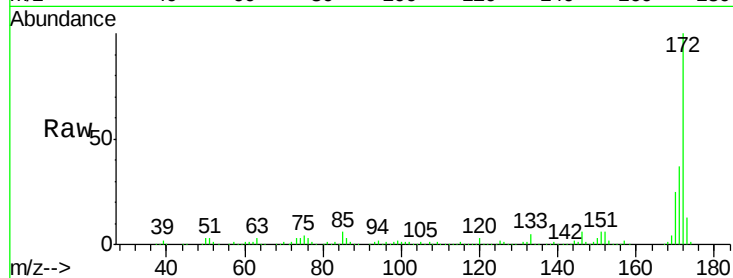




#44
 2-Fluorobiphenyl
 Concen: 86.64 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

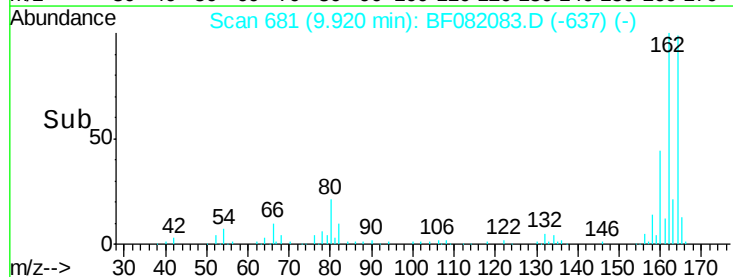
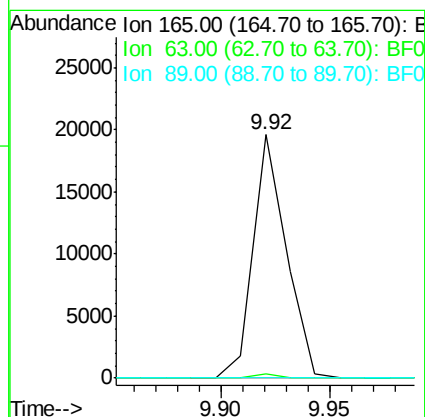
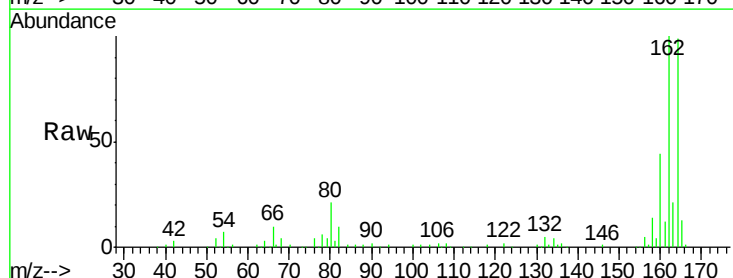
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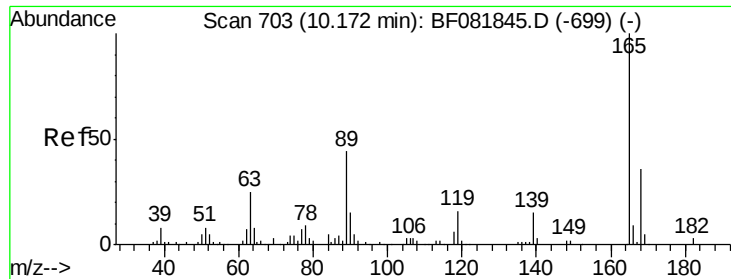
Tot Ion:172 Resp: 846518
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 24.7 17.4 26.2



#50
 2,6-Dinitrotoluene
 Concen: 8.48 ng
 RT: 9.92 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

Tgt Ion:165 Resp: 20864
 Ion Ratio Lower Upper
 165 100
 63 1.7 32.3 48.5#
 89 0.0 28.6 43.0#

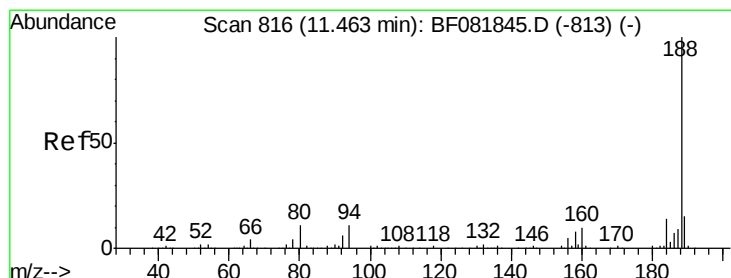
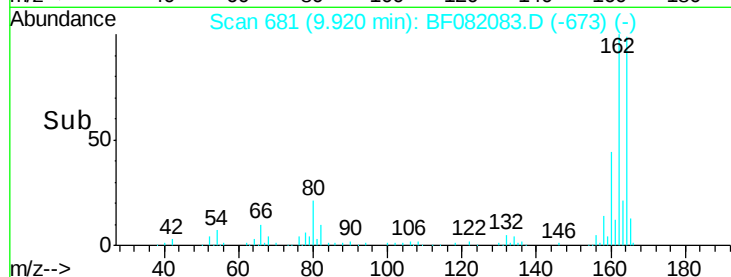
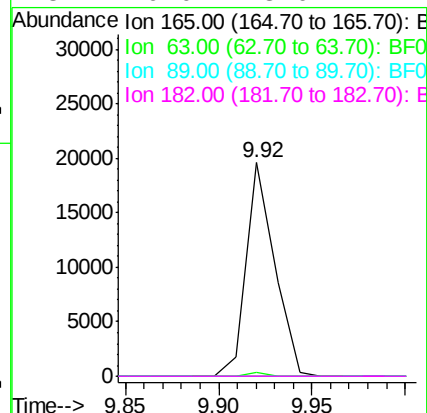
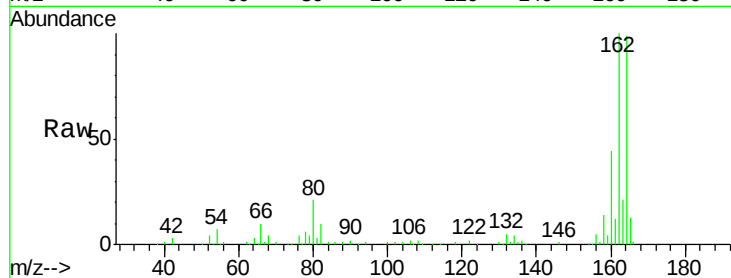




#56
 2,4-Dinitrotoluene
 Concen: 6.66 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.21 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

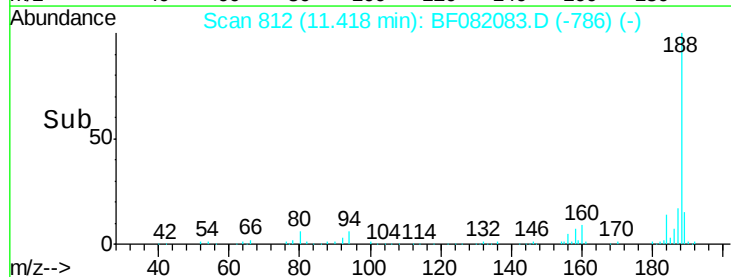
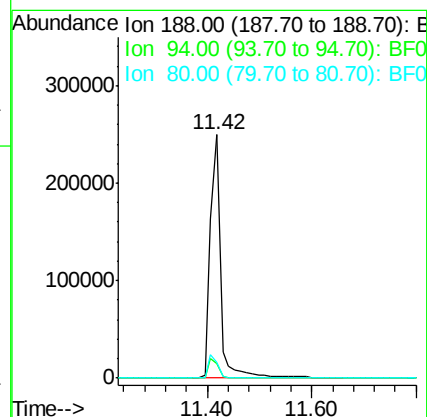
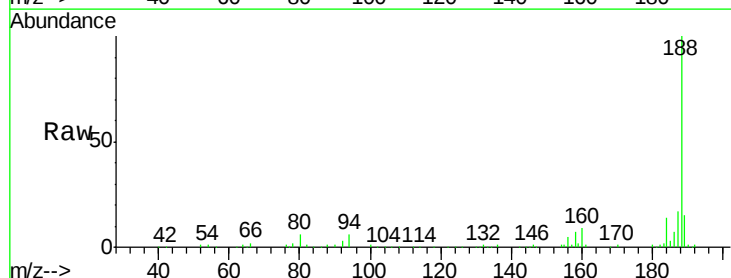
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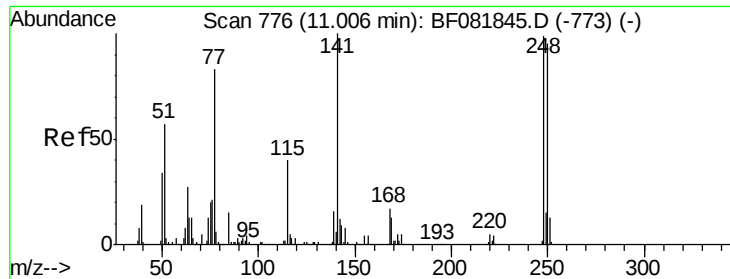
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	11.1	16.7#
80	6.4	11.0	16.4#

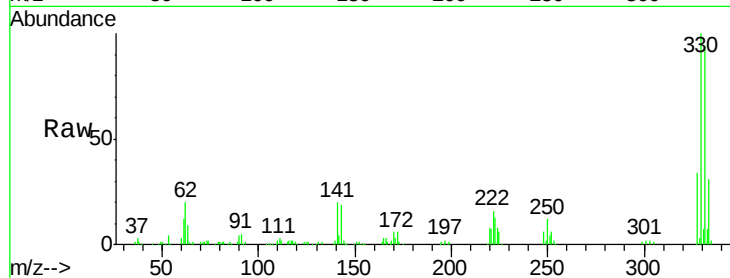




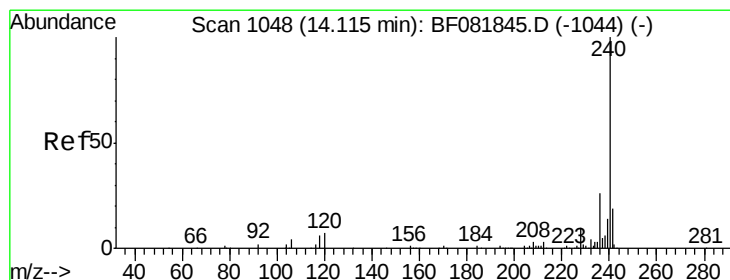
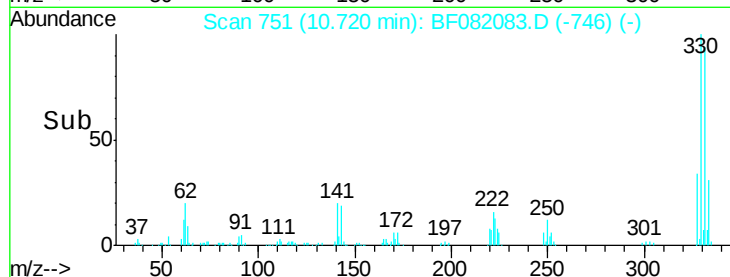
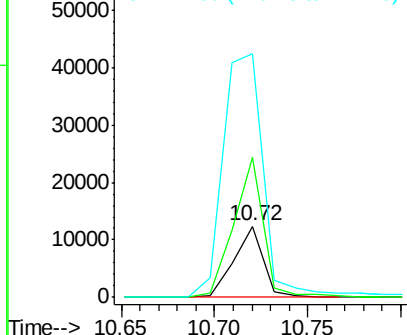
#66
 4-Bromophenyl-phenylether
 Concen: 3.92 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.24 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

Instrument :
 BNA_F
 ClientSampled :
 PB85944BL

Tot Ion:248 Resp: 13571
 Ion Ratio Lower Upper
 248 100
 250 196.6 78.5 117.7#
 141 341.7 59.0 88.6#

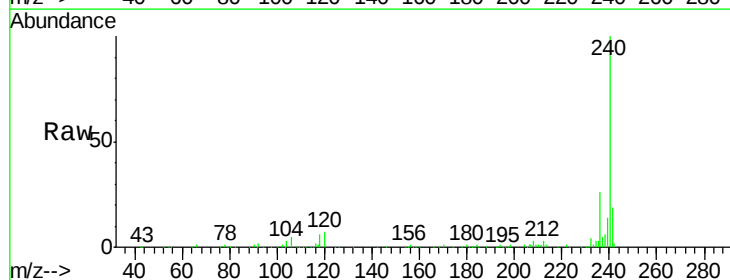


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

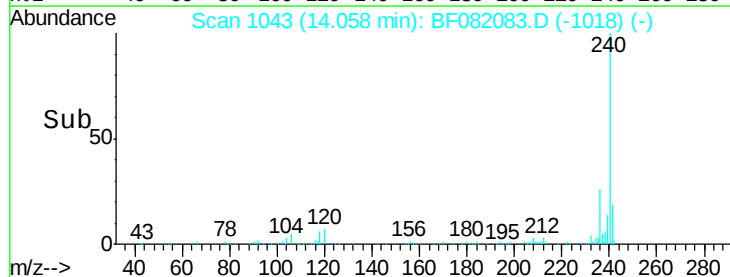
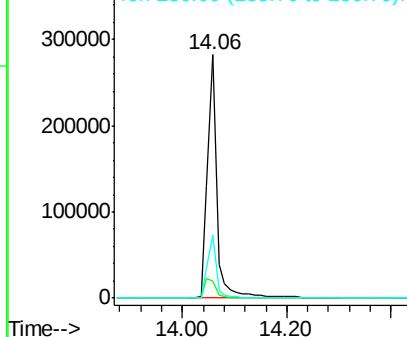


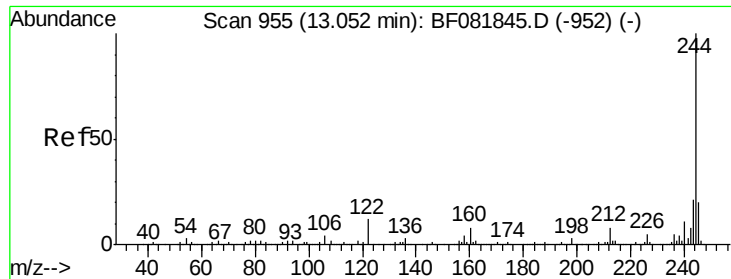
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

Tgt Ion:240 Resp: 354028
 Ion Ratio Lower Upper
 240 100
 120 7.1 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

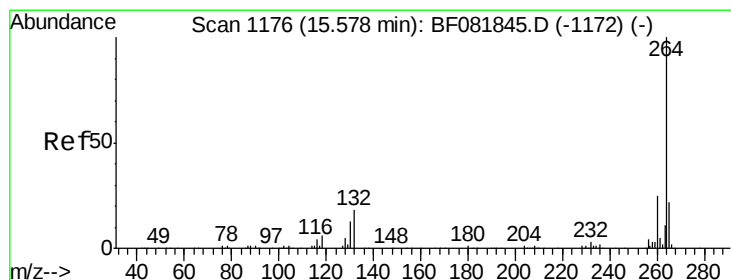
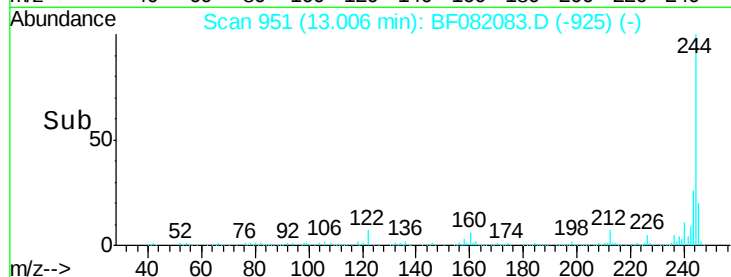
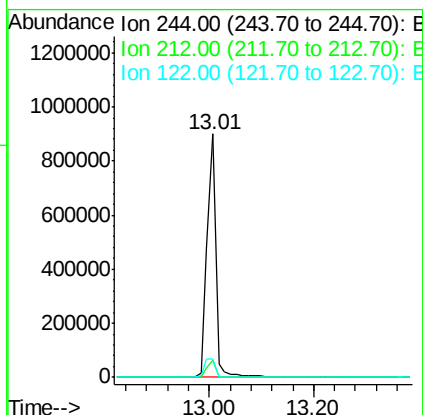
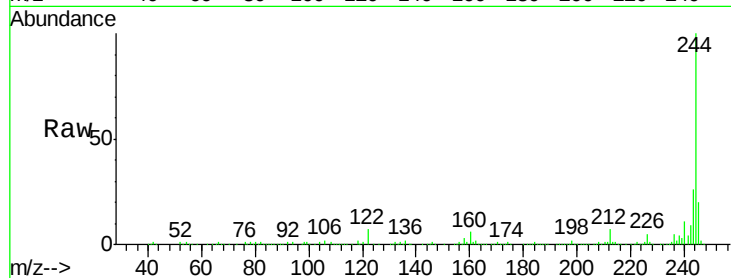




#78
 Terphenyl-d14
 Concen: 100.56 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BL

Tot Ion:244 Resp: 1047304
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 7.5 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF082083.D
 Acq: 6 Oct 2015 14:36

Tgt Ion:264 Resp: 300401
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.1 17.2 25.8

