

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083273.D
 Acq On : 25 Nov 2015 14:57
 Operator : UM/IZ
 Sample : G4553-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-D-B

Quant Time: Nov 26 01:10:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

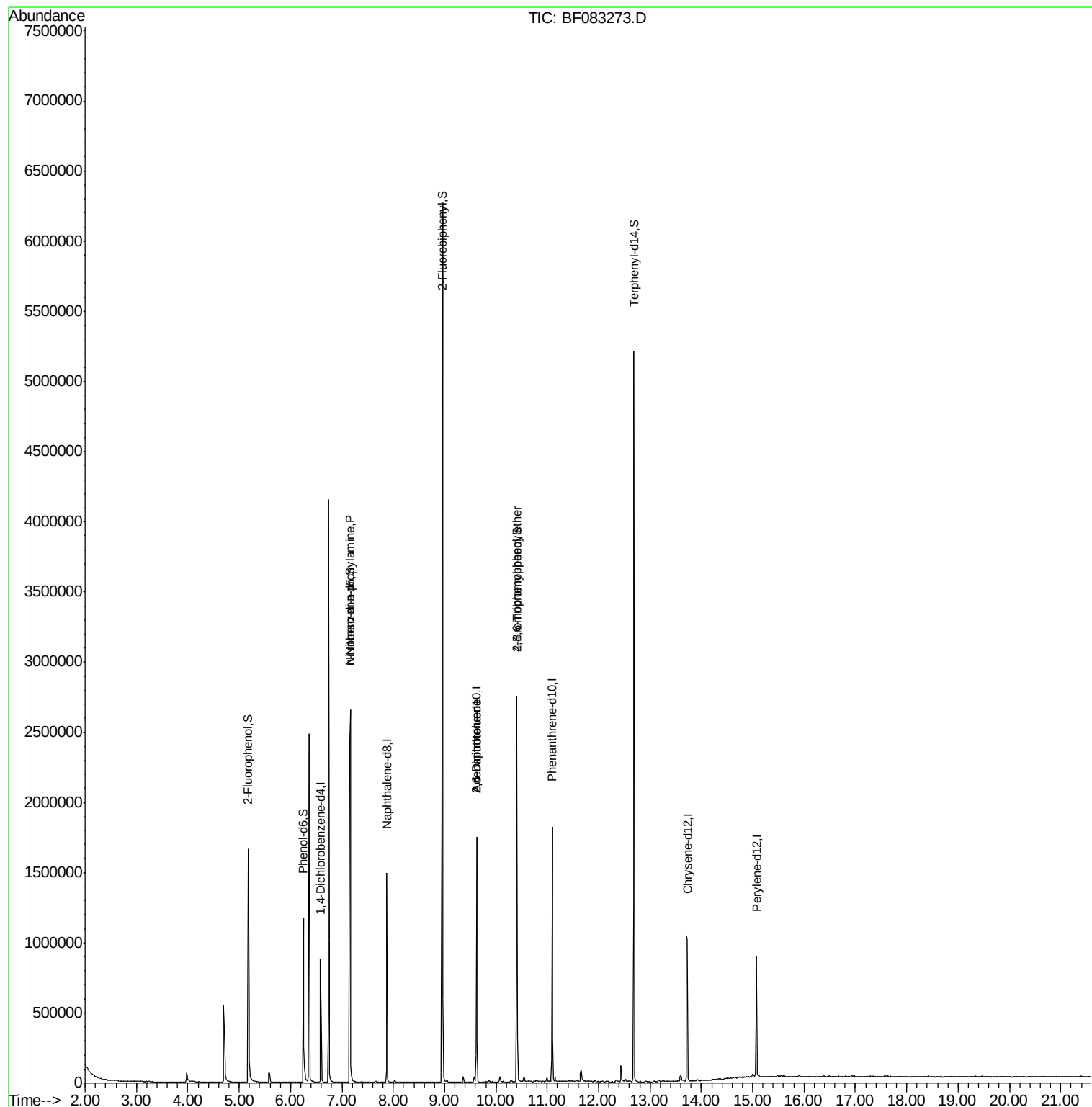
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	158841	20.00	ng	-0.08
21) Naphthalene-d8	7.87	136	629236	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	324821	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	620922	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	541184	20.00	ng	-0.08
86) Perylene-d12	15.07	264	413596	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	503092	47.88	ng	-0.10
7) Phenol-d6	6.25	99	426801	31.40	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1314045	95.42	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	287281	86.45	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1926932	82.72	ng	-0.07
78) Terphenyl-d14	12.69	244	1710071	74.41	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	177972	18.81	ng	# 71
50) 2,6-Dinitrotoluene	9.62	165	42876	7.64	ng	# 13
56) 2,4-Dinitrotoluene	9.62	165	42876	6.03	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	22219	3.22	ng	# 1

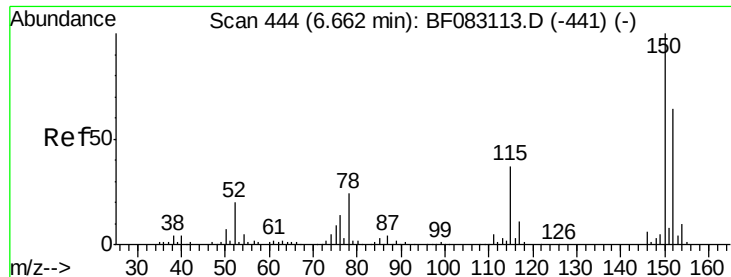
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 26 01:10:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 402

Delta R.T. -0.08 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

112115-A263-E-D-B

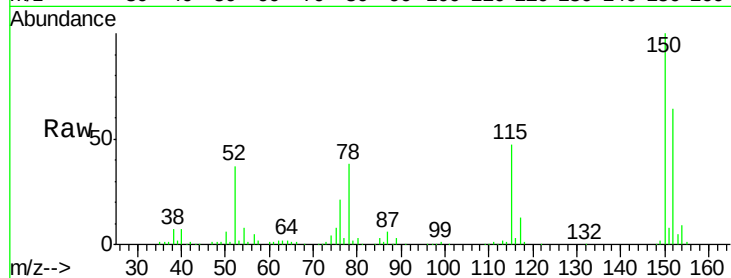
Tgt Ion:152 Resp: 158841

Ion Ratio Lower Upper

152 100

150 157.2 125.8 188.8

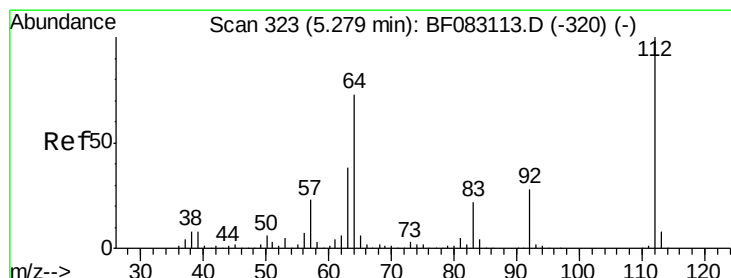
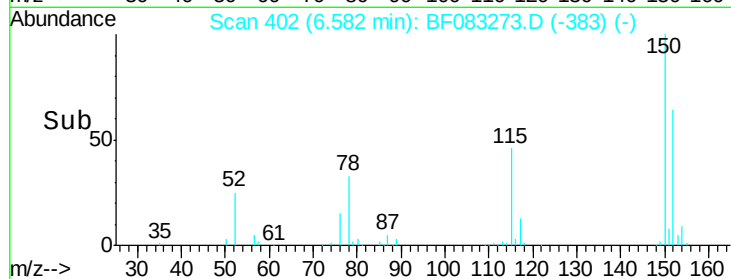
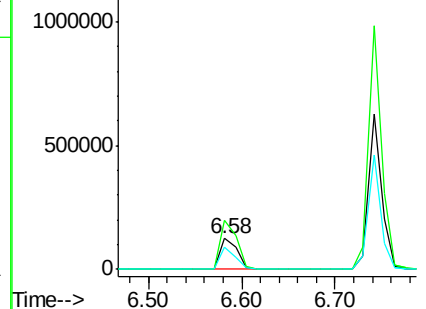
115 73.4 46.9 70.3#



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: 47.88 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.10 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

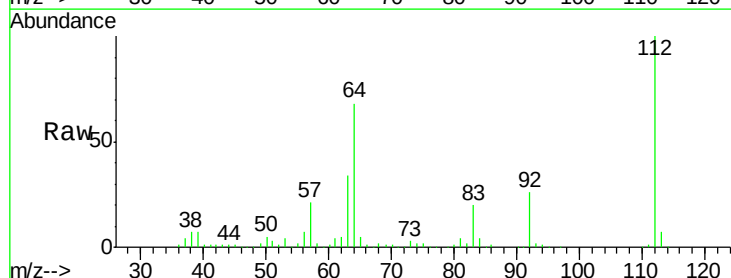
Tgt Ion:112 Resp: 503092

Ion Ratio Lower Upper

112 100

64 67.8 58.4 87.6

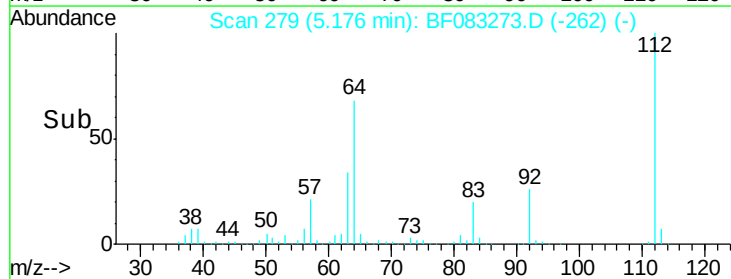
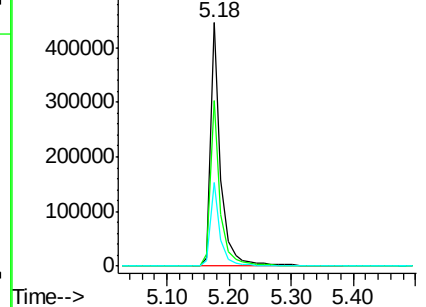
63 34.1 30.0 45.0

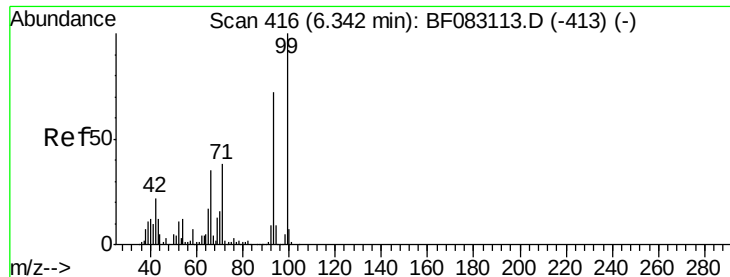


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.40 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

112115-A263-E-D-B

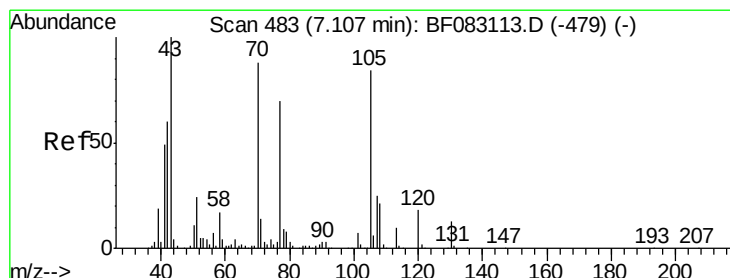
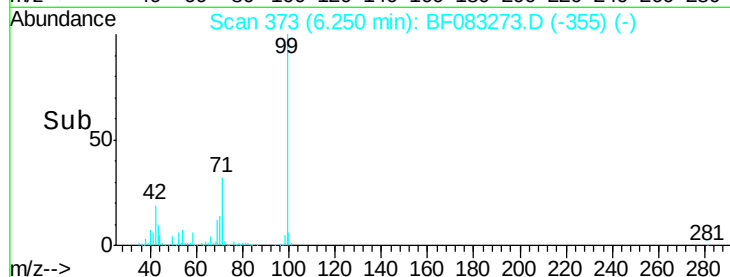
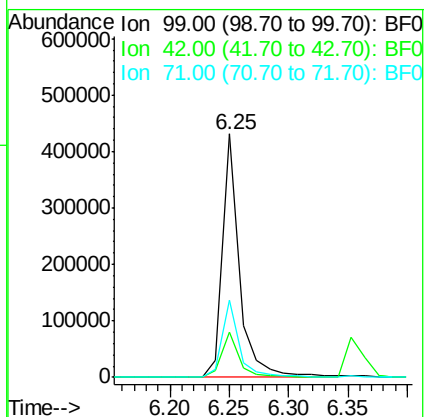
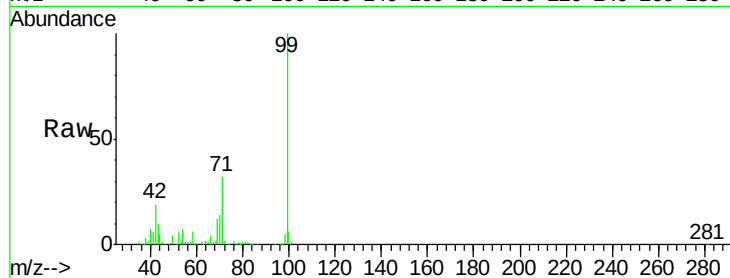
Tgt Ion: 99 Resp: 426801

Ion Ratio Lower Upper

99 100

42 18.6 17.7 26.5

71 31.7 30.2 45.4



#19

n-Nitroso-di-n-propylamine

Concen: 18.81 ng

RT: 7.16 min Scan# 453

Delta R.T. 0.06 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

Tgt Ion: 70 Resp: 177972

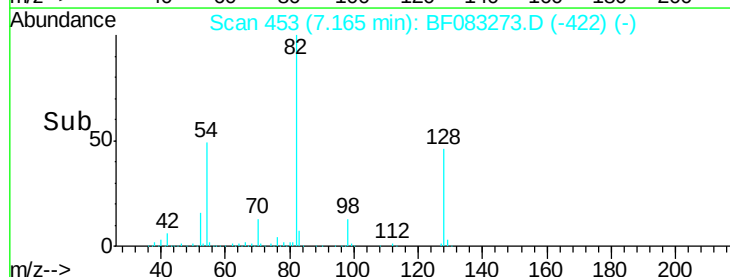
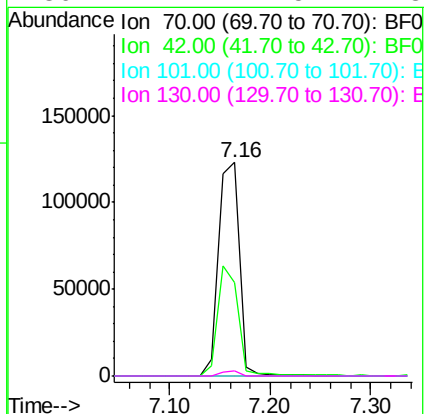
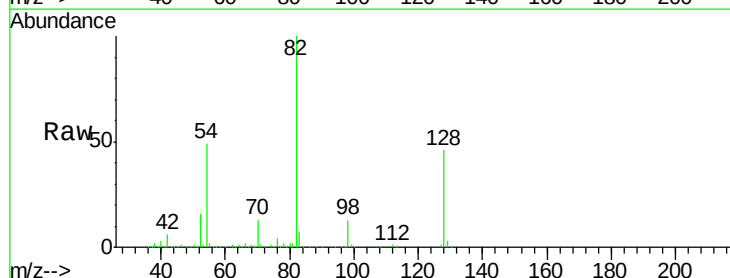
Ion Ratio Lower Upper

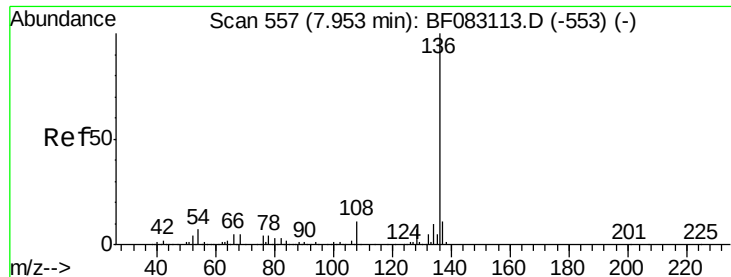
70 100

42 43.8 54.5 81.7#

101 0.0 6.6 9.8#

130 2.4 11.5 17.3#

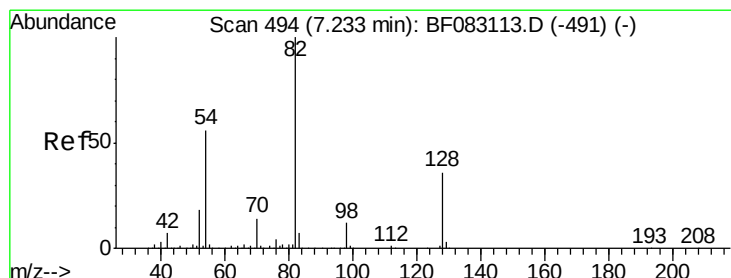
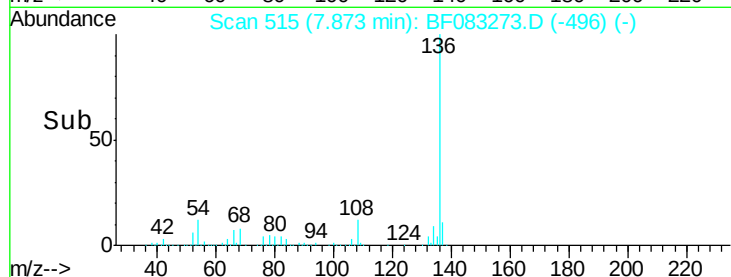
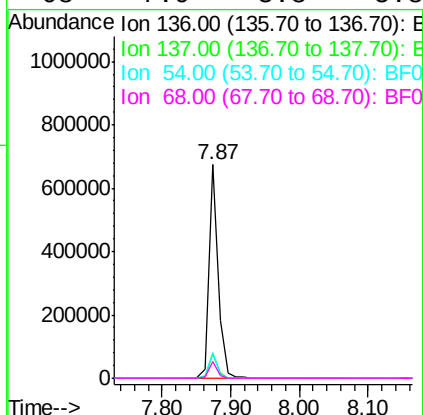
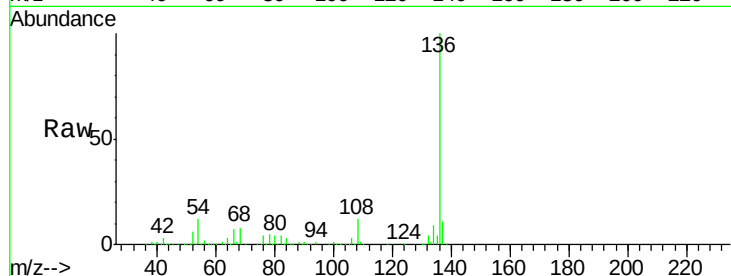




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF083273.D
Acq: 25 Nov 2015 14:57

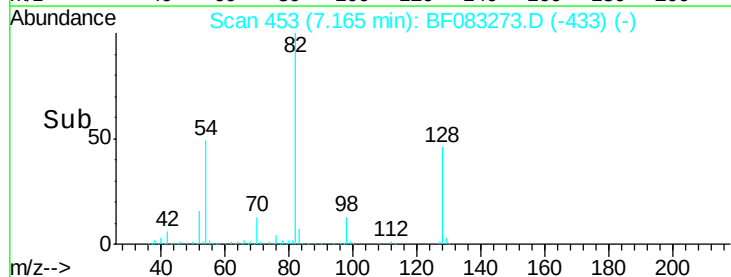
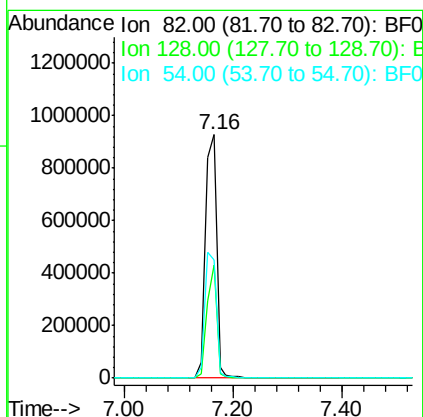
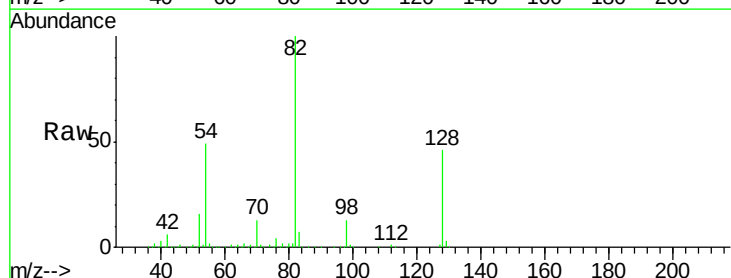
Instrument :
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112115-A263-E-D-B

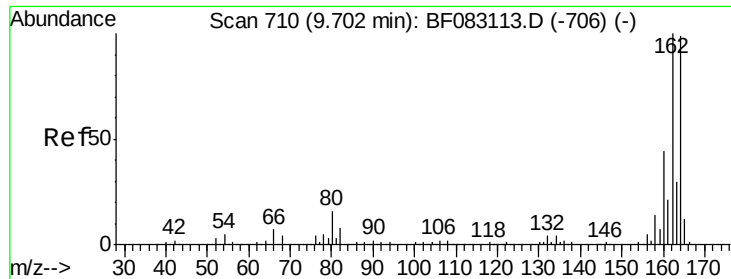
Tgt Ion:	136	Resp:	629236
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	12.2	5.8	8.6#
68	7.9	3.8	5.8#



#23
Nitrobenzene-d5
Concen: 95.42 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083273.D
Acq: 25 Nov 2015 14:57

Tgt Ion:	82	Resp:	1314045
Ion	Ratio	Lower	Upper
82	100		
128	46.3	28.5	42.7#
54	48.8	44.6	67.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 668

Delta R.T. -0.08 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

112115-A263-E-D-B

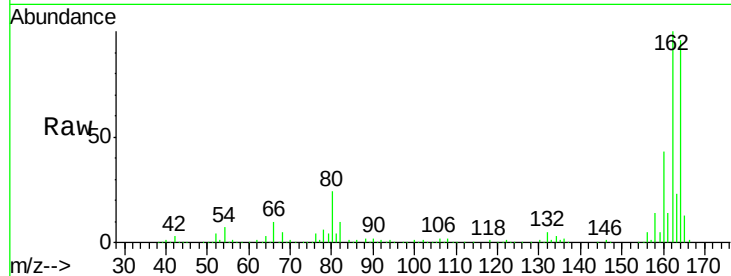
Tgt Ion:164 Resp: 324821

Ion Ratio Lower Upper

164 100

162 104.1 81.2 121.8

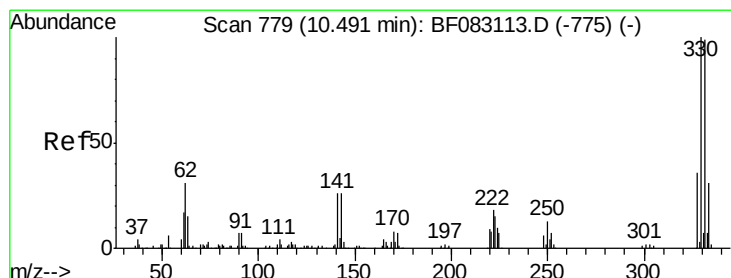
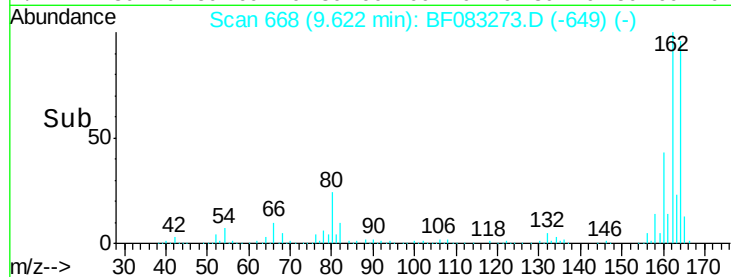
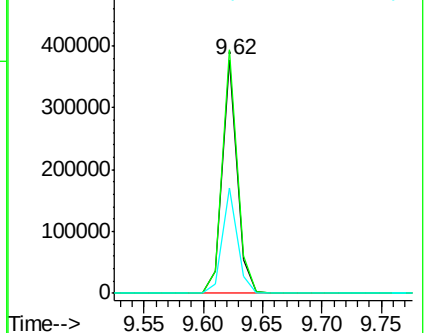
160 44.9 35.6 53.4



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: 86.45 ng

RT: 10.41 min Scan# 737

Delta R.T. -0.08 min

Lab File: BF083273.D

Acq: 25 Nov 2015 14:57

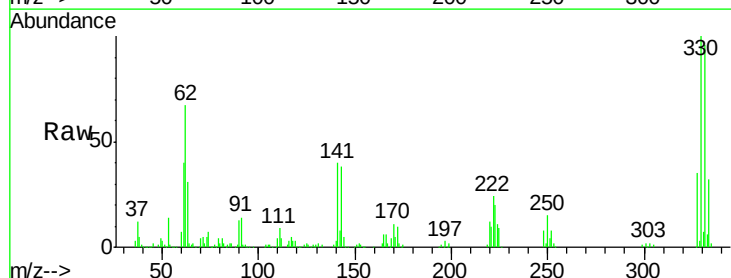
Tgt Ion:330 Resp: 287281

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

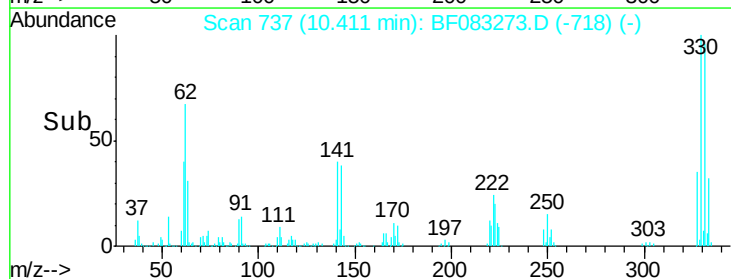
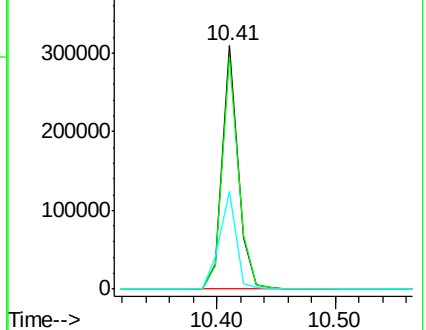
141 42.0 29.7 44.5

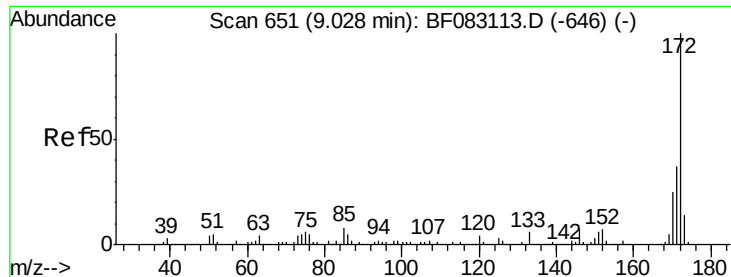


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

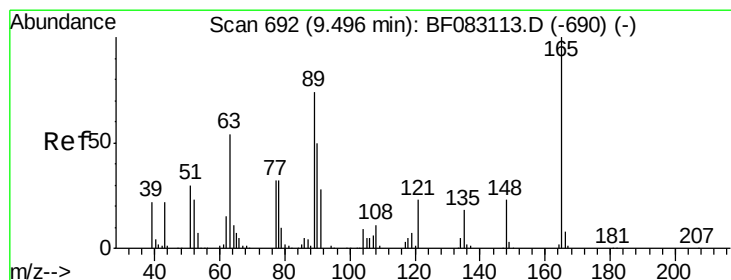
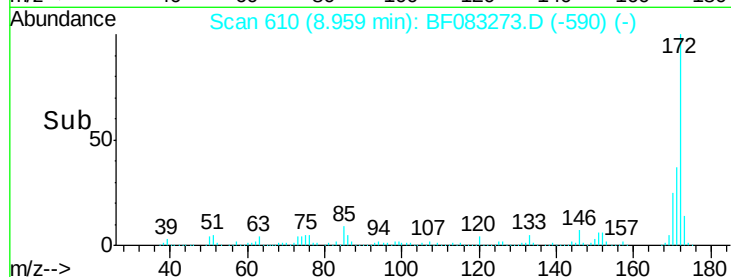
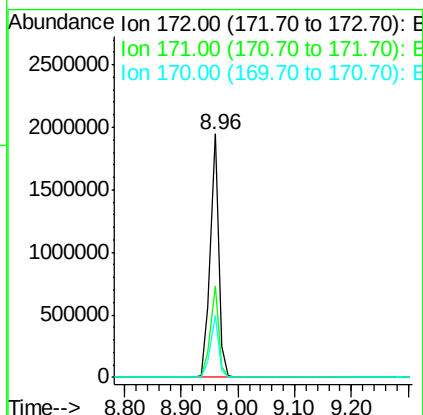
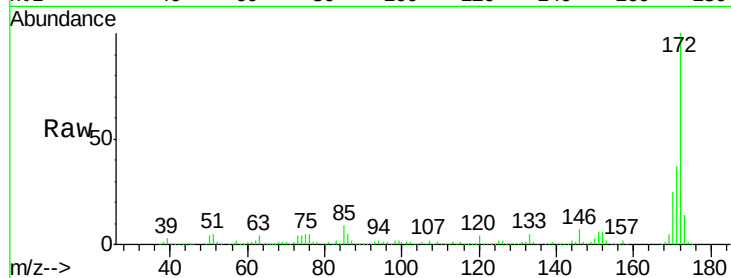




#44
 2-Fluorobiphenyl
 Concen: 82.72 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

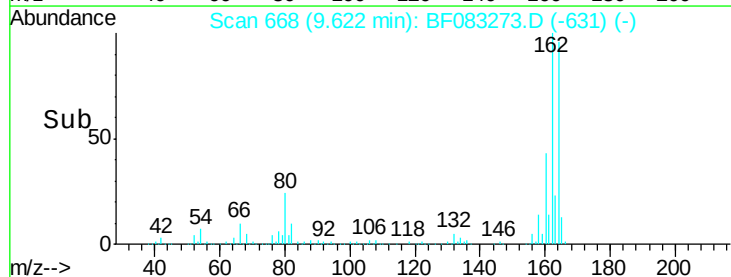
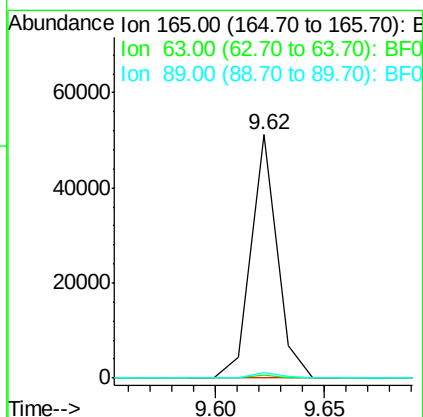
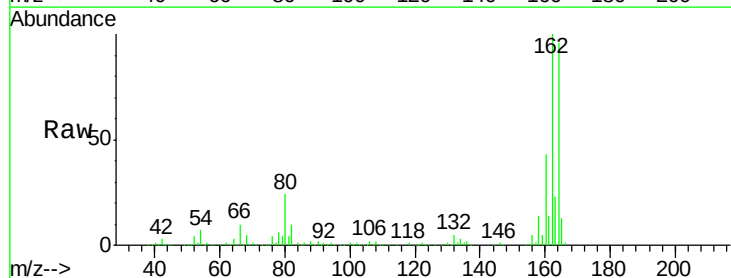
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 112115-A263-E-D-B

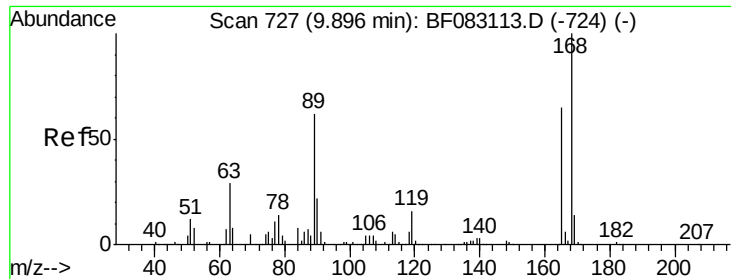
Tgt Ion:172 Resp: 1926932
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.5 44.3
 170 25.4 19.9 29.9



#50
 2,6-Dinitrotoluene
 Concen: 7.64 ng
 RT: 9.62 min Scan# 668
 Delta R.T. 0.13 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

Tgt Ion:165 Resp: 42876
 Ion Ratio Lower Upper
 165 100
 63 1.2 62.5 93.7#
 89 2.0 59.1 88.7#

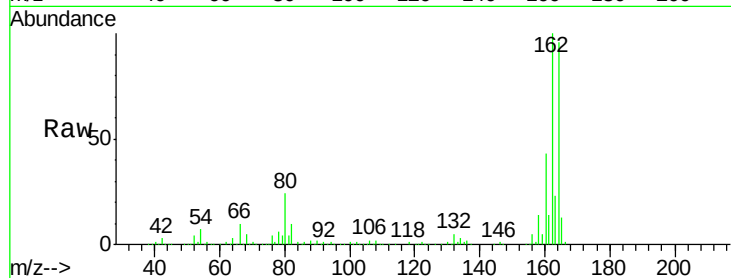




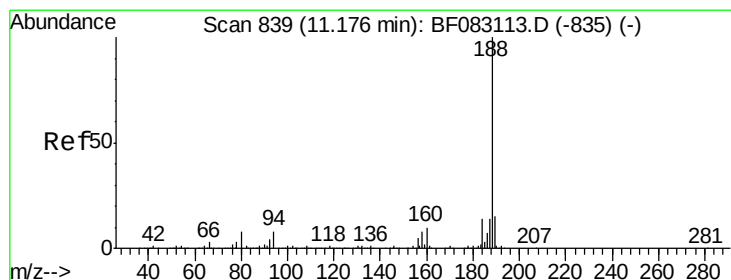
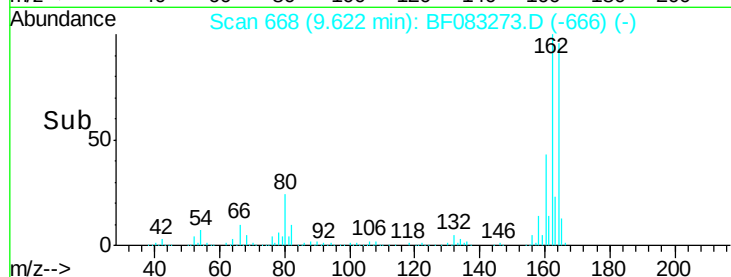
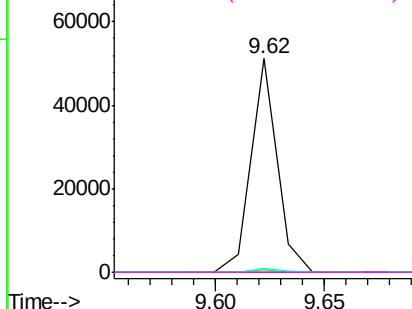
#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.62 min Scan# 668
 Delta R.T. -0.27 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-D-B

Tgt Ion:	165	Resp:	42876
Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.5	81.7#
89	2.0	77.3	115.9#
182	0.0	1.8	2.6#

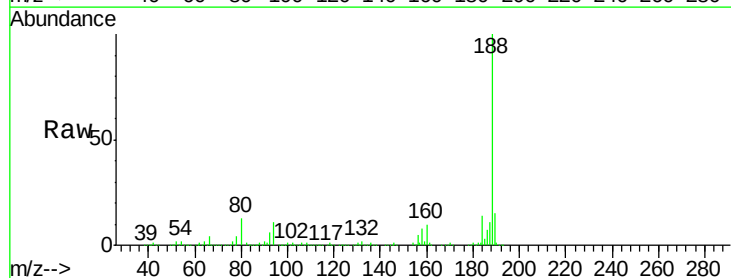


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

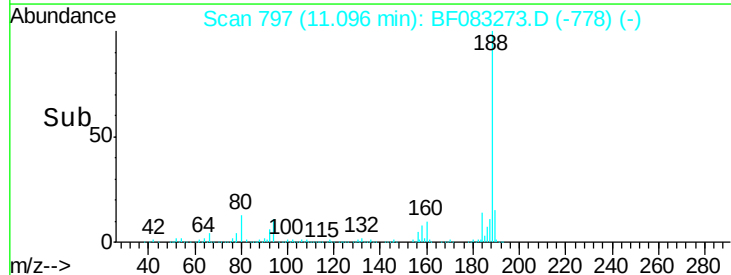
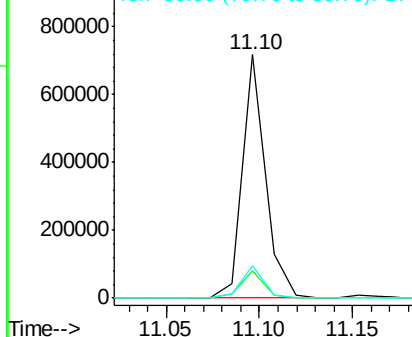


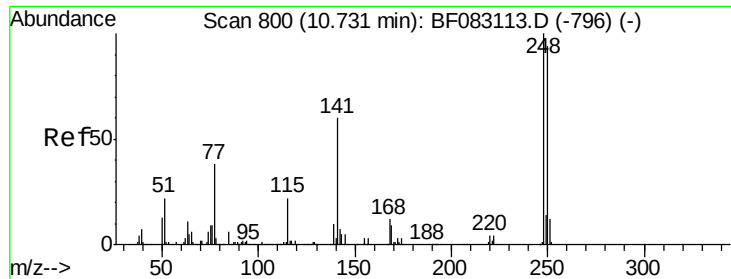
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 797
 Delta R.T. -0.08 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

Tgt Ion:	188	Resp:	620922
Ion	Ratio	Lower	Upper
188	100		
94	11.3	6.0	9.0#
80	13.2	6.7	10.1#



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

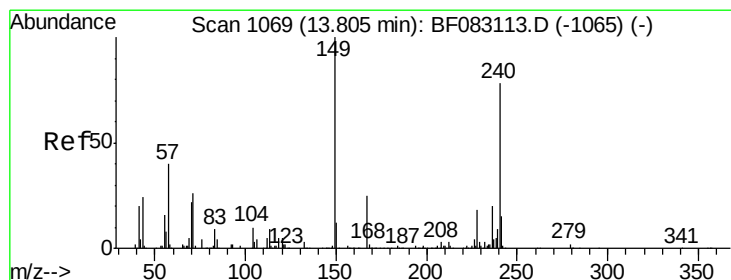
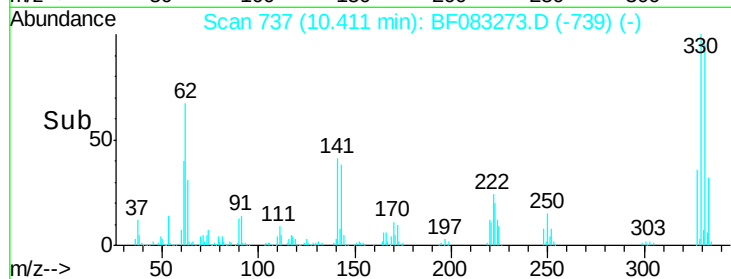
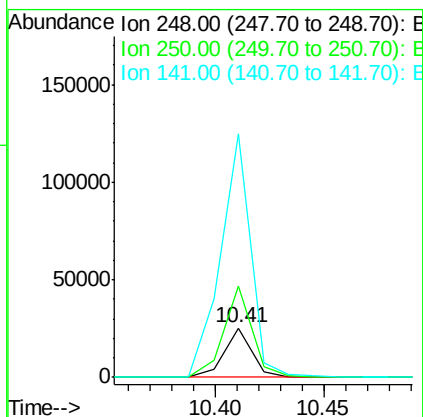
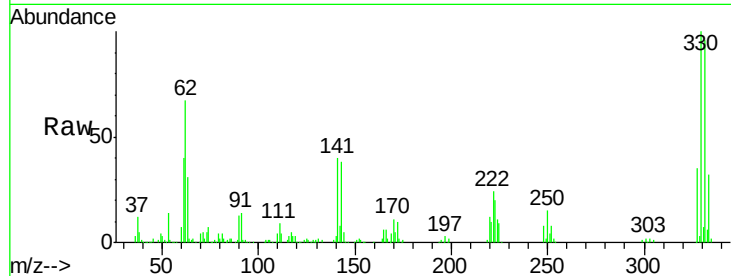




#66
 4-Bromophenyl-phenylether
 Concen: 3.22 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.32 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

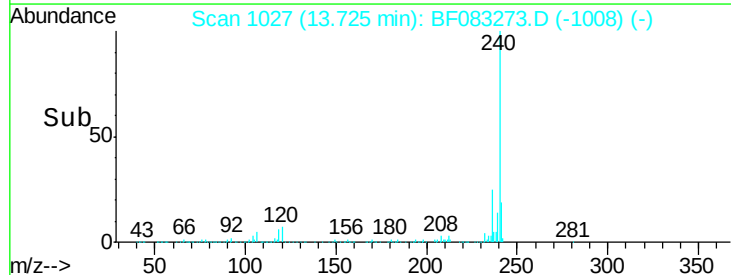
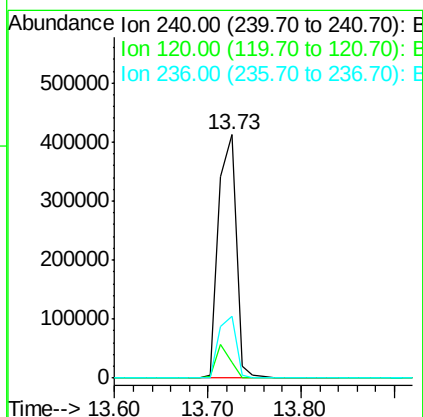
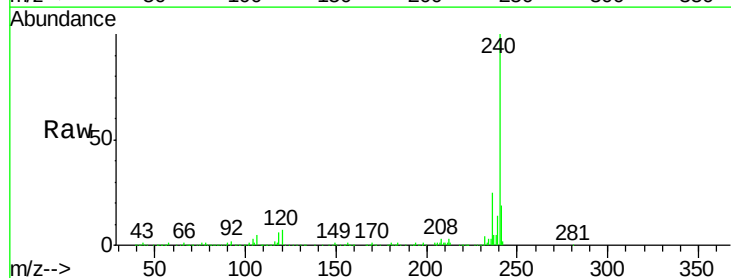
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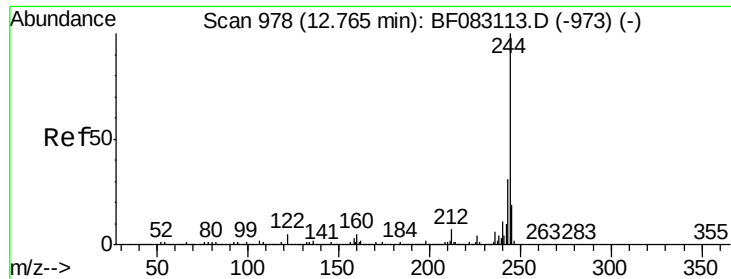
Tgt Ion:248 Resp: 22219
 Ion Ratio Lower Upper
 248 100
 250 183.2 75.4 113.2#
 141 490.5 48.1 72.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. -0.08 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

Tgt Ion:240 Resp: 541184
 Ion Ratio Lower Upper
 240 100
 120 6.7 5.4 8.2
 236 25.3 20.6 31.0

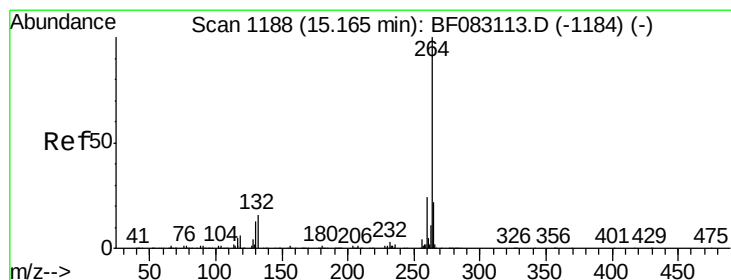
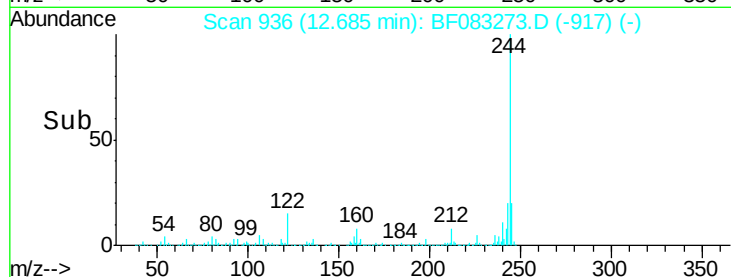
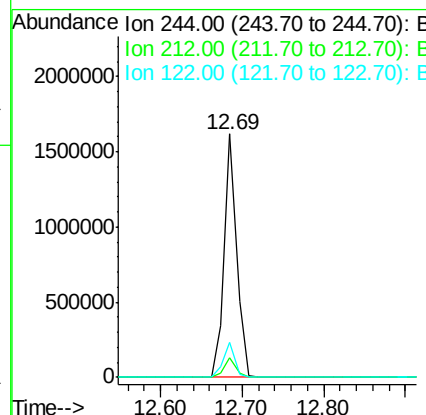
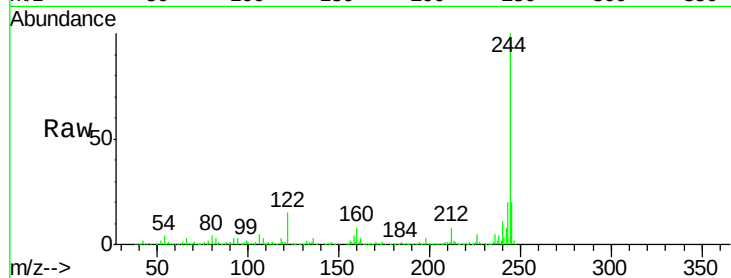




#78
 Terphenyl-d14
 Concen: 74.41 ng
 RT: 12.69 min Scan# 936
 Delta R.T. -0.08 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 112115-A263-E-D-B

Tgt Ion:244 Resp: 1710071
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 14.6 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.09 min
 Lab File: BF083273.D
 Acq: 25 Nov 2015 14:57

Tgt Ion:264 Resp: 413596
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 20.6 18.2 27.4

