

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084800.D
 Acq On : 3 Feb 2016 22:31
 Operator : SJ/IZ
 Sample : H1331-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-SIDEWALL(11.5)

Quant Time: Feb 04 00:30:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

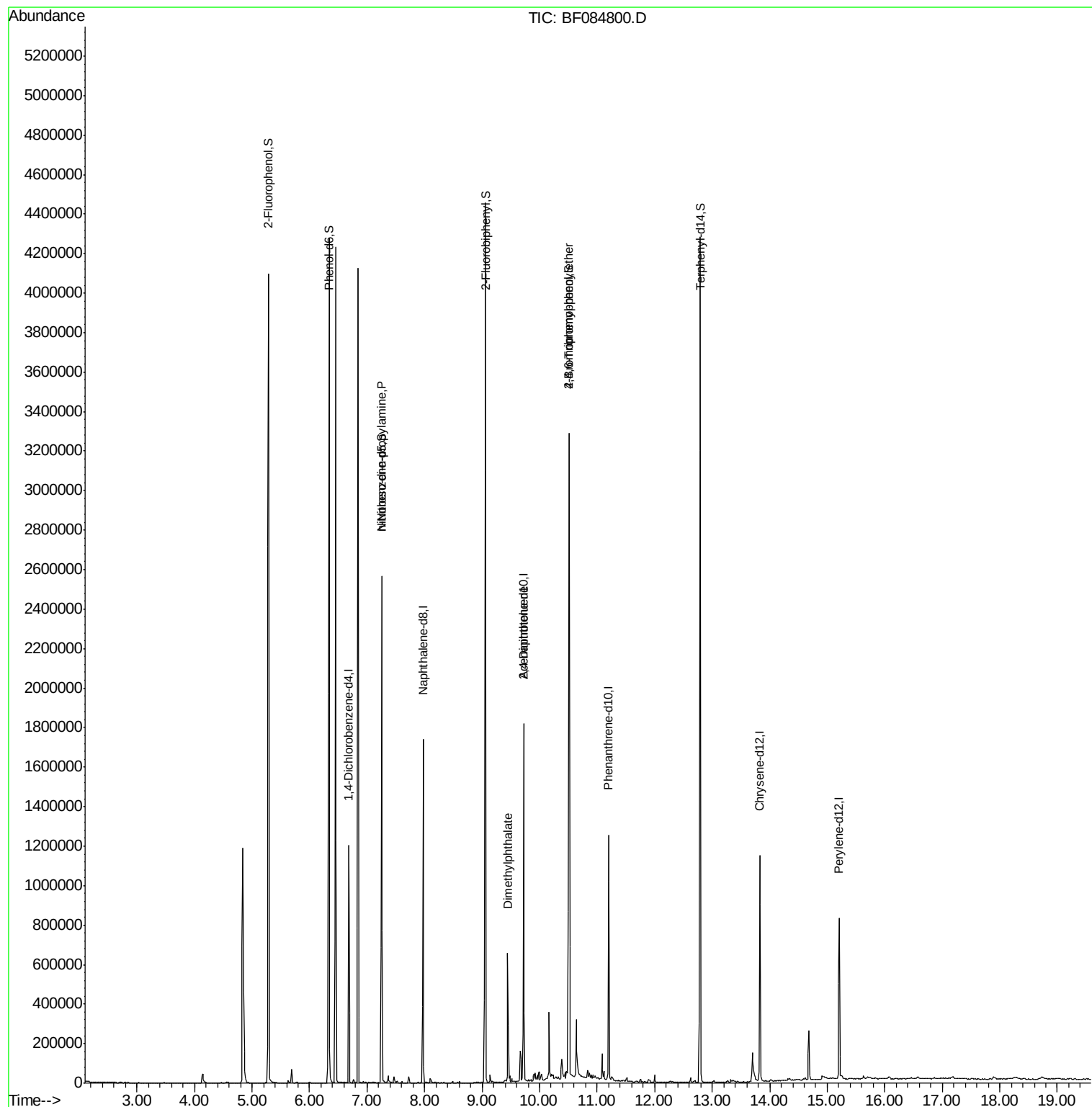
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	176141	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	758572	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	344721	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	625212	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	550167	20.00	ng	-0.01
86) Perylene-d12	15.21	264	384171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1392201	123.11	ng	0.01
7) Phenol-d6	6.34	99	1522088	108.57	ng	0.00
23) Nitrobenzene-d5	7.25	82	934153	69.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	400338	111.34	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1874274	95.53	ng	0.00
78) Terphenyl-d14	12.80	244	1803326	74.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	125615	14.29	ng	# 71
49) Dimethylphthalate	9.45	163	286540	10.91	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	45792	6.26	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	24008	3.48	ng	# 1

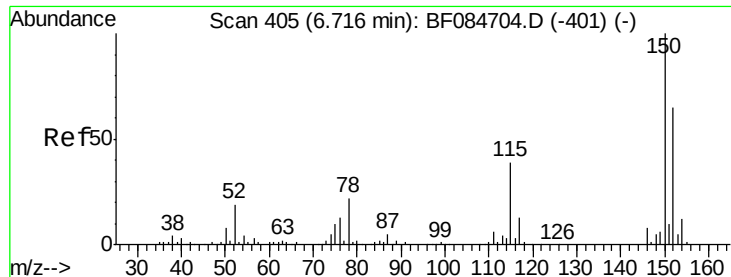
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)

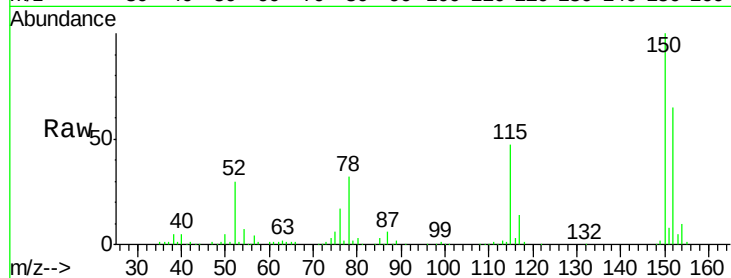
Tgt Ion:152 Resp: 176141

Ion Ratio Lower Upper

152 100

150 153.3 123.0 184.4

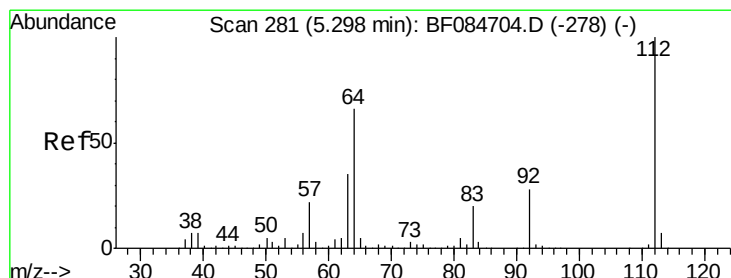
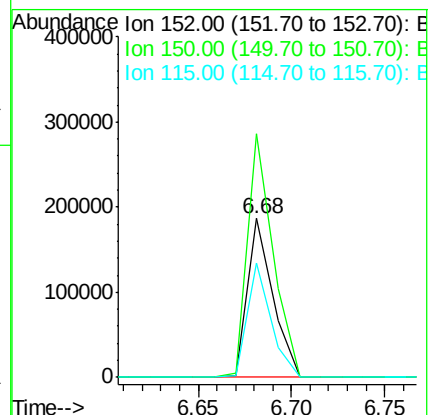
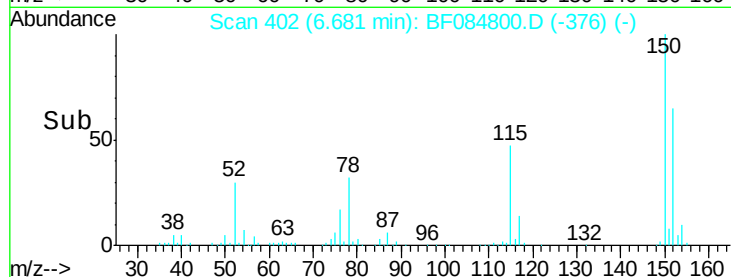
115 72.1 51.4 77.2



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: 123.11 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

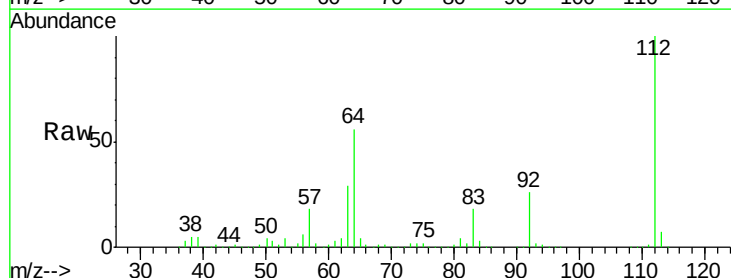
Tgt Ion:112 Resp: 1392201

Ion Ratio Lower Upper

112 100

64 55.8 36.6 55.0#

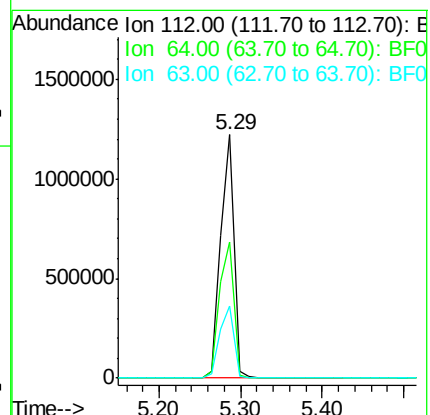
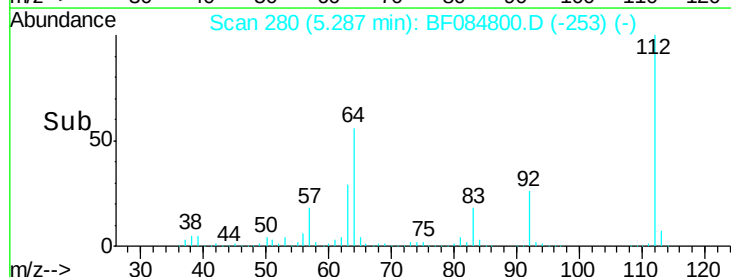
63 29.4 19.4 29.0#

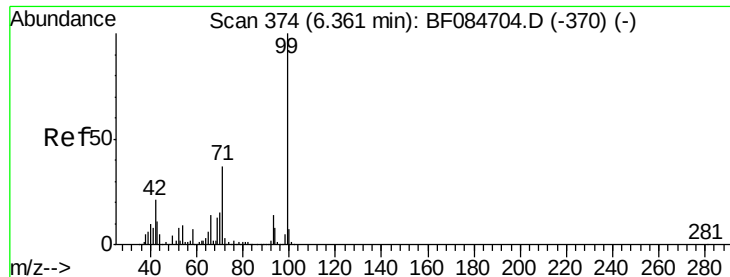


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.57 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)

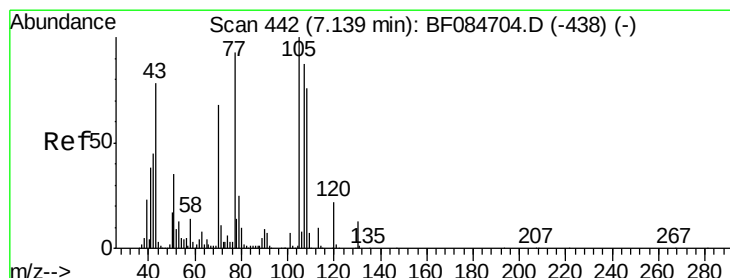
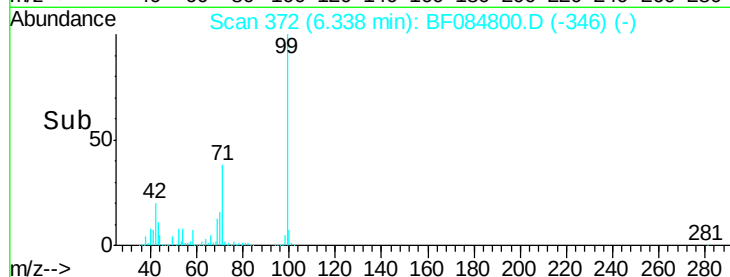
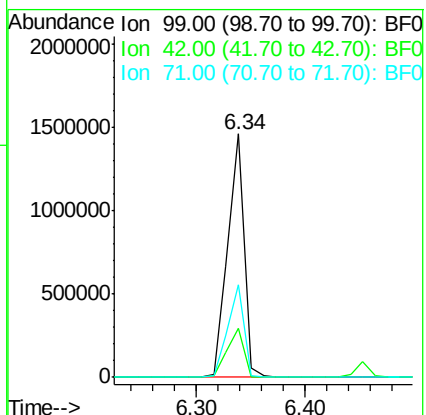
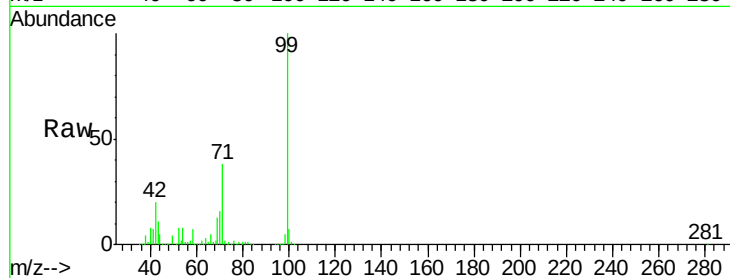
Tgt Ion: 99 Resp: 1522088

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

71 38.2 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.29 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

Tgt Ion: 70 Resp: 125615

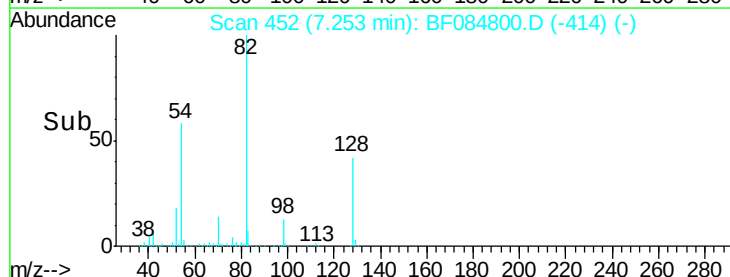
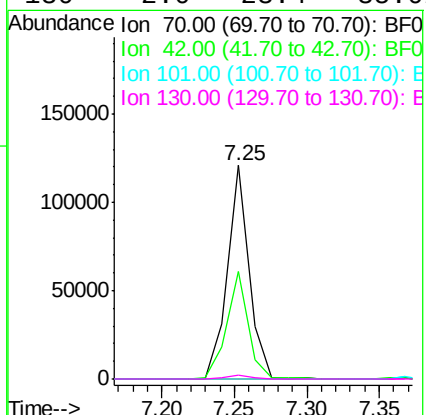
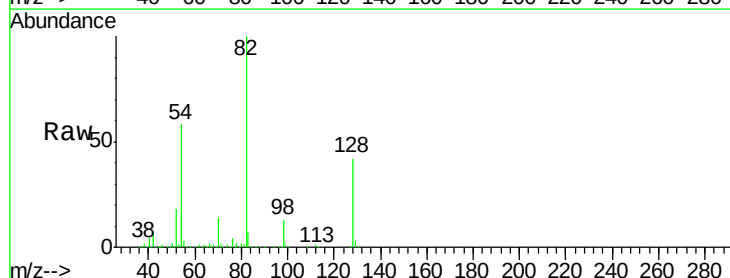
Ion Ratio Lower Upper

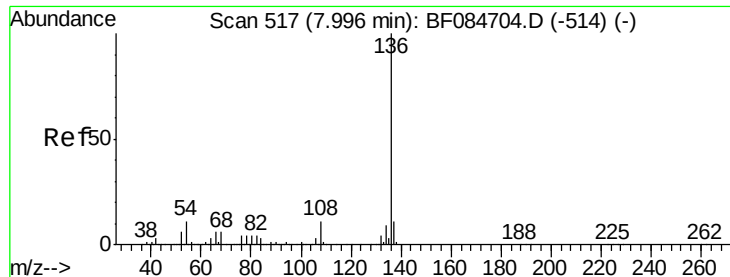
70 100

42 50.4 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

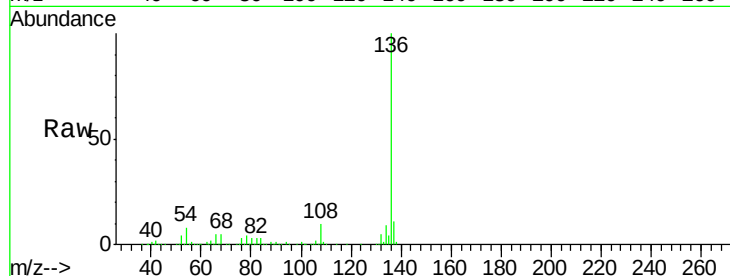




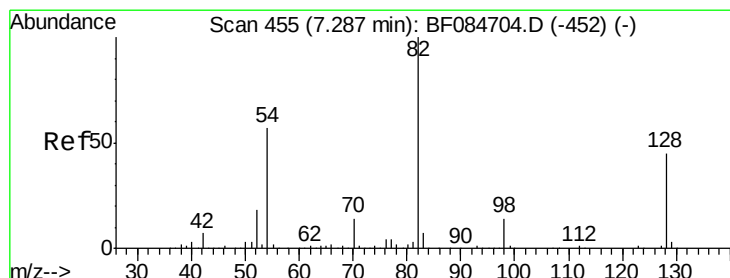
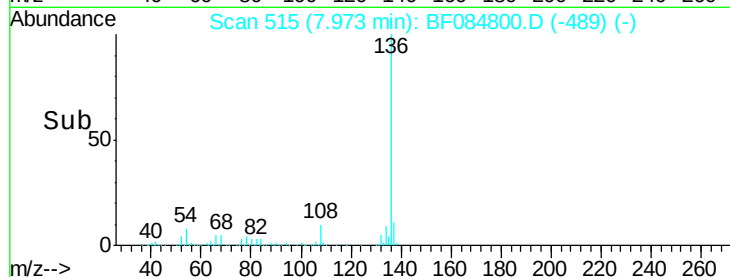
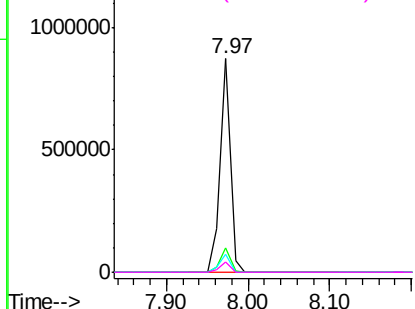
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF084800.D
Acq: 3 Feb 2016 22:31

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)

Tgt Ion:	136	Resp:	758572
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.3	5.8	8.8
68	4.7	4.2	6.2

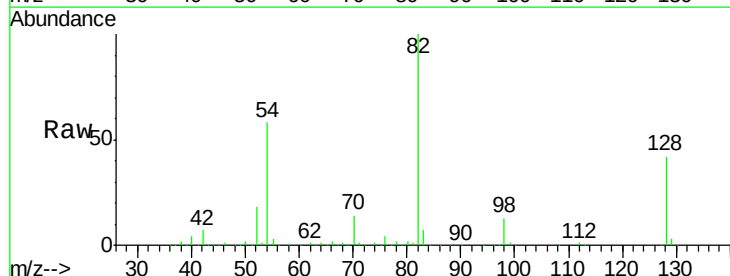


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

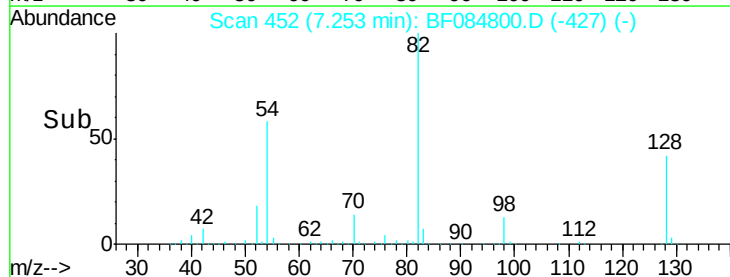
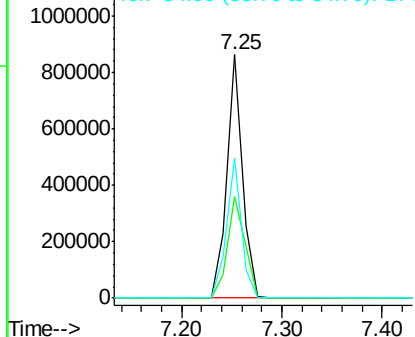


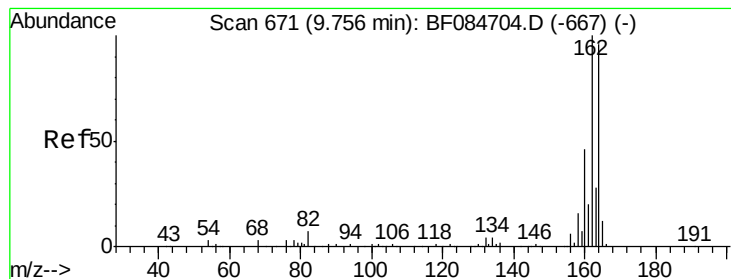
#23
Nitrobenzene-d5
Concen: 69.37 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084800.D
Acq: 3 Feb 2016 22:31

Tgt Ion:	82	Resp:	934153
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	57.6	38.4	57.6



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)

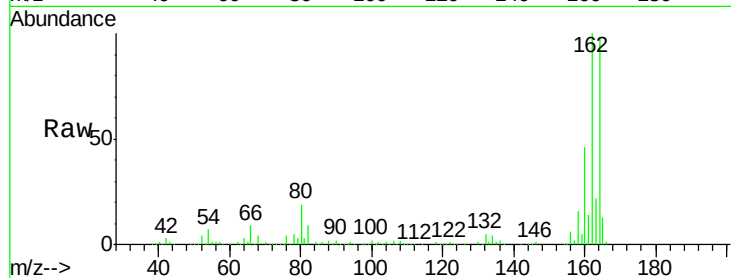
Tgt Ion:164 Resp: 344721

Ion Ratio Lower Upper

164 100

162 102.3 85.1 127.7

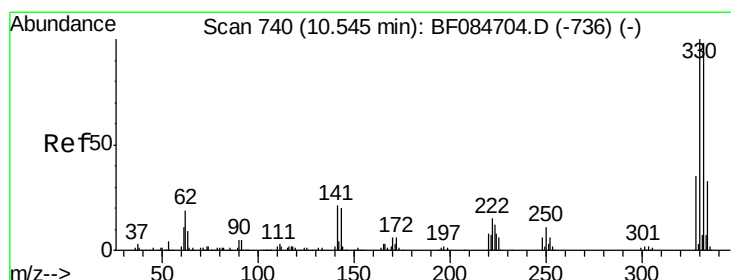
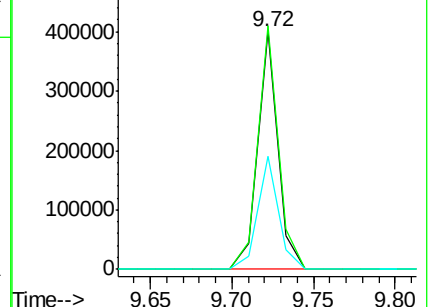
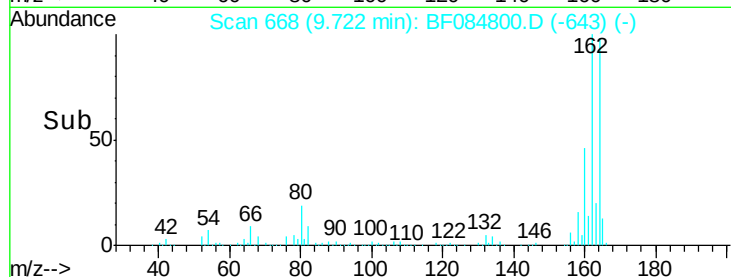
160 47.4 37.5 56.3



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: 111.34 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

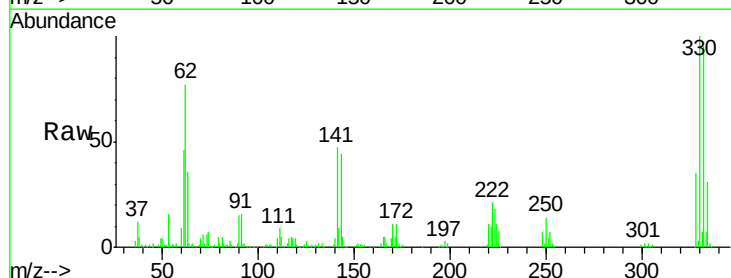
Tgt Ion:330 Resp: 400338

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

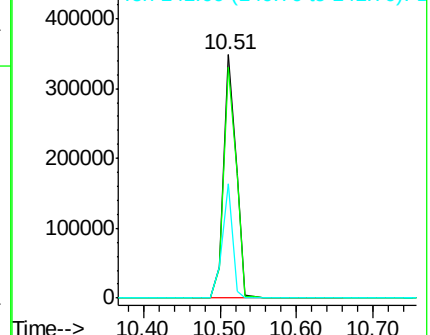
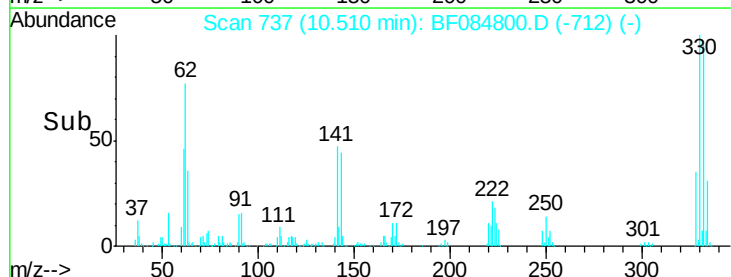
141 37.8 27.8 41.6

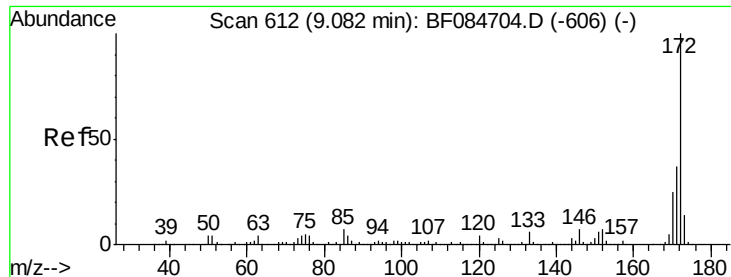


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

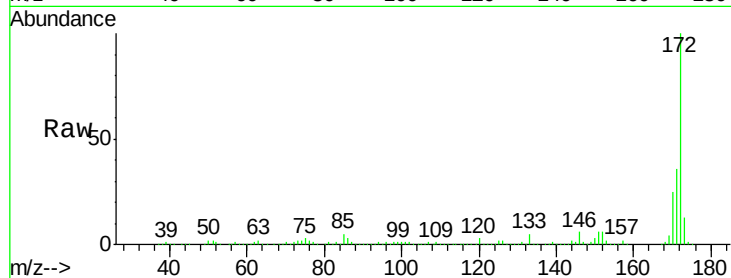




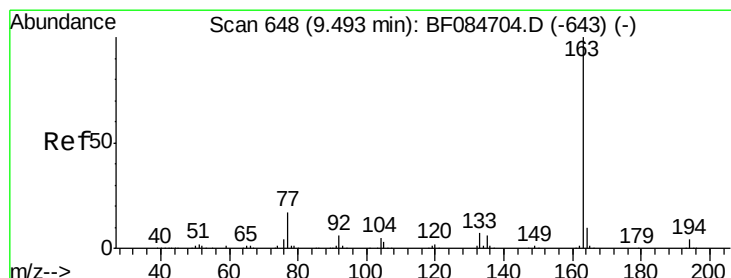
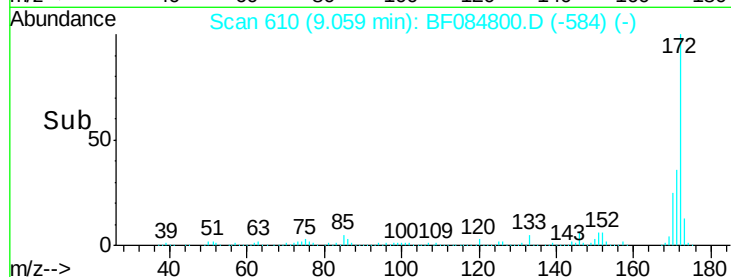
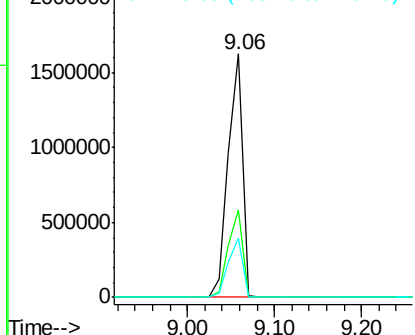
#44
 2-Fluorobiphenyl
 Concen: 95.53 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084800.D
 Acq: 3 Feb 2016 22:31

Instrument :
 BNA_F
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 SOUTH-SIDEWALL(11.5)

Tgt Ion:172 Resp: 1874274
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.6 18.6 27.8

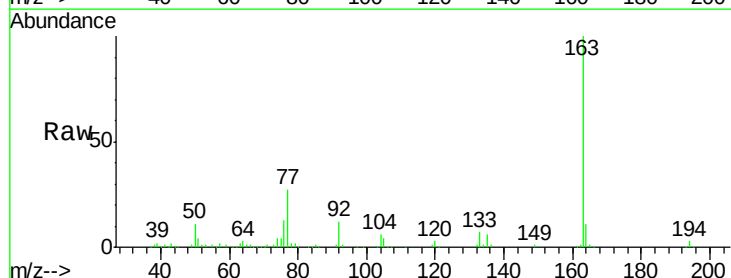


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

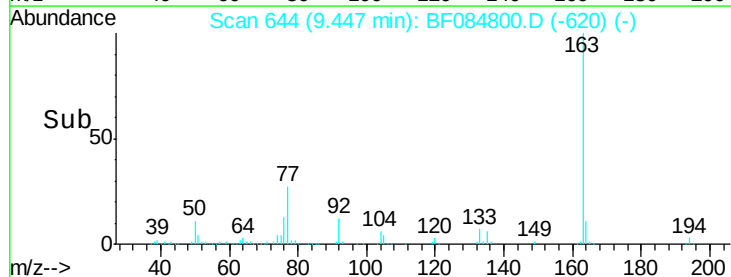
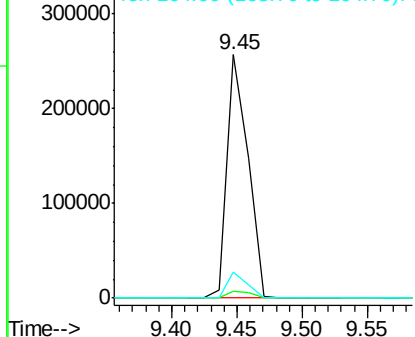


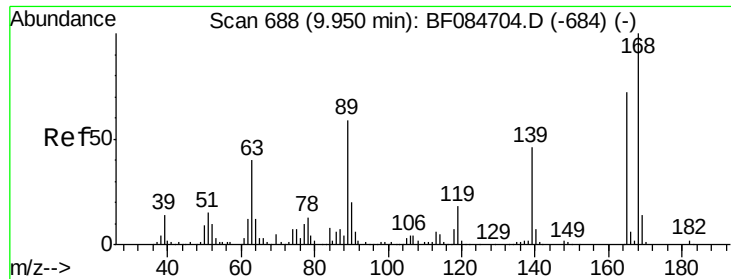
#49
 Dimethylphthalate
 Concen: 10.91 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF084800.D
 Acq: 3 Feb 2016 22:31

Tgt Ion:163 Resp: 286540
 Ion Ratio Lower Upper
 163 100
 194 2.8 8.0 12.0#
 164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

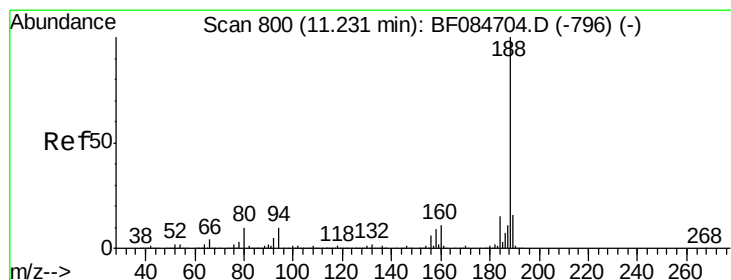
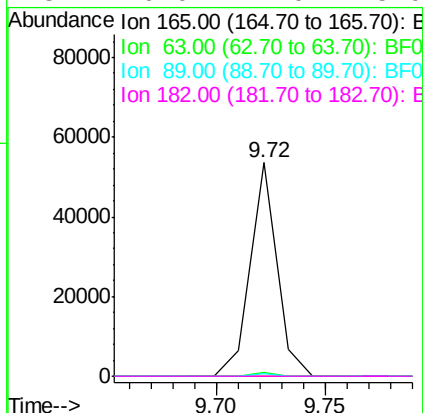
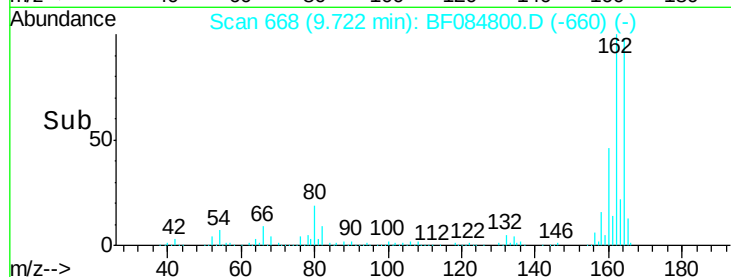
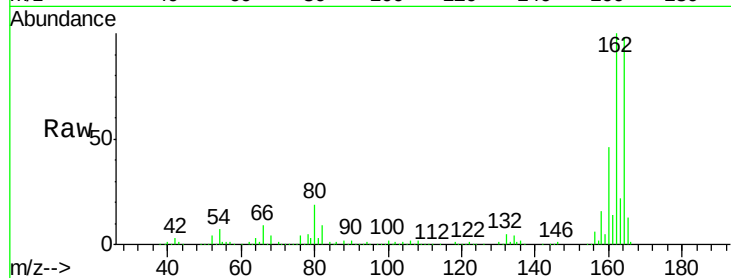




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.21 min
 Lab File: BF084800.D
 Acq: 3 Feb 2016 22:31

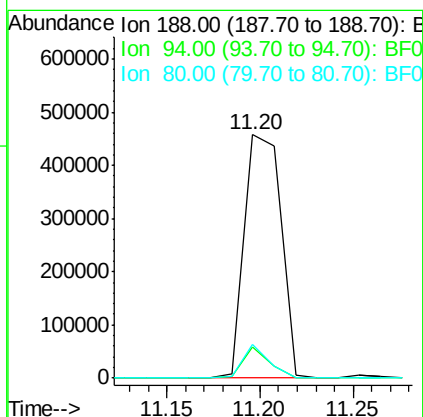
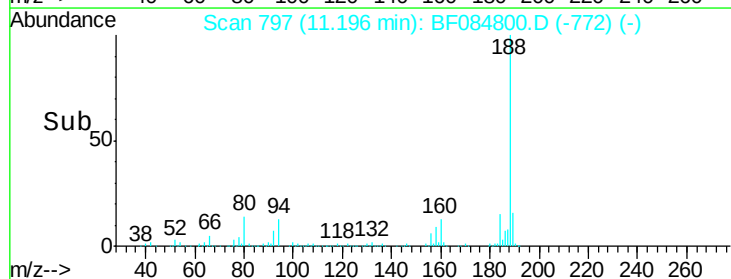
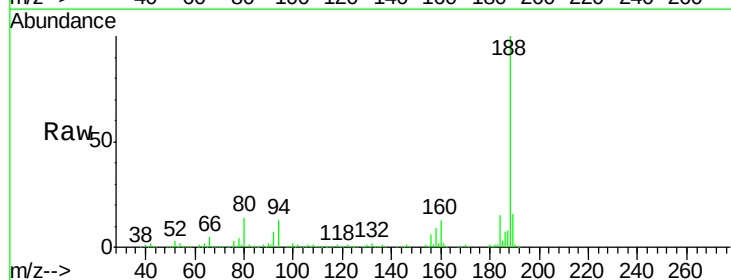
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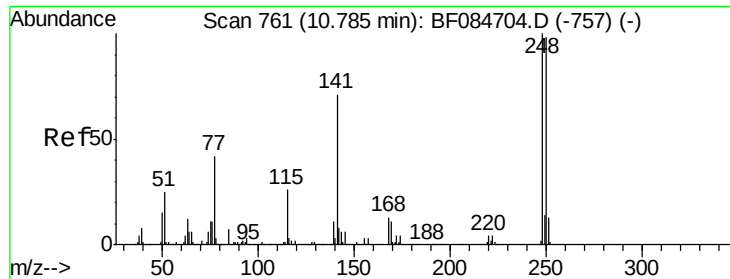
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.7	55.1#
89	1.3	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF084800.D
 Acq: 3 Feb 2016 22:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.0	13.4
80	13.7	9.6	14.4

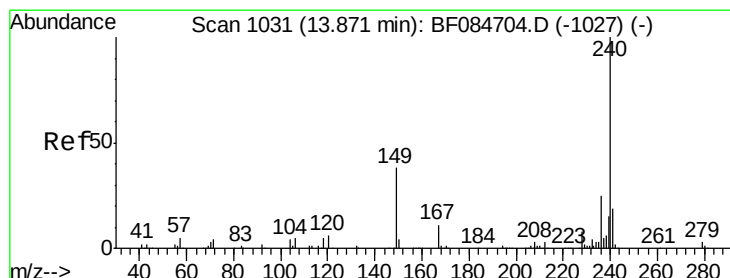
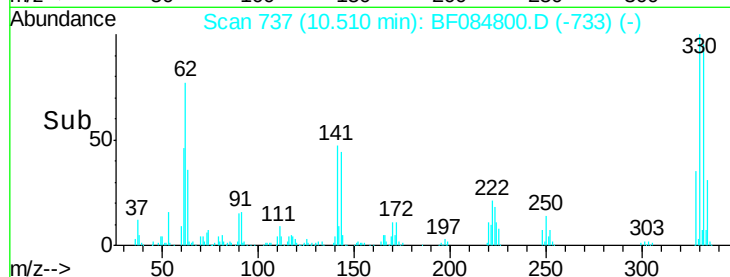
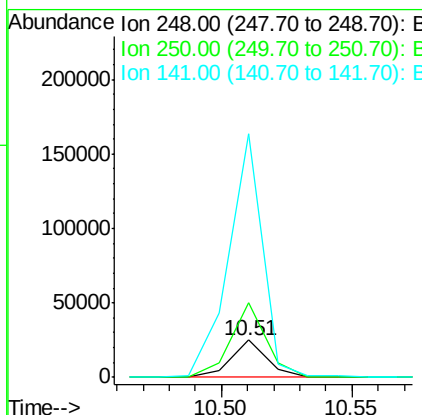
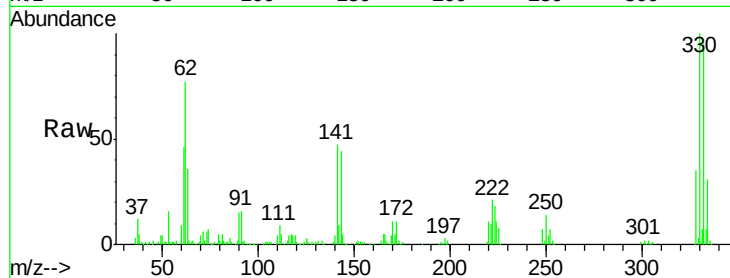




#66
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084800.D
Acq: 3 Feb 2016 22:31

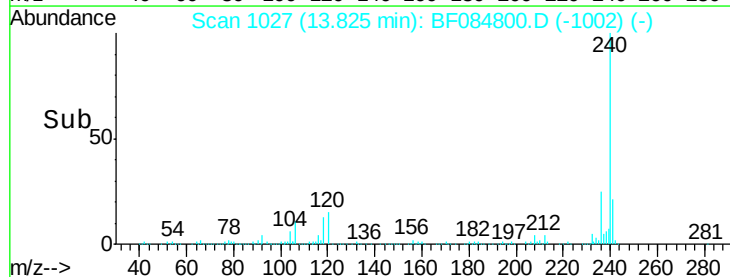
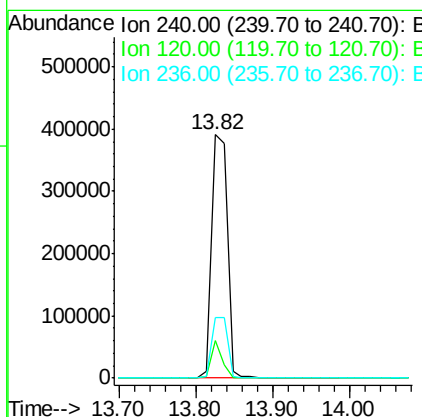
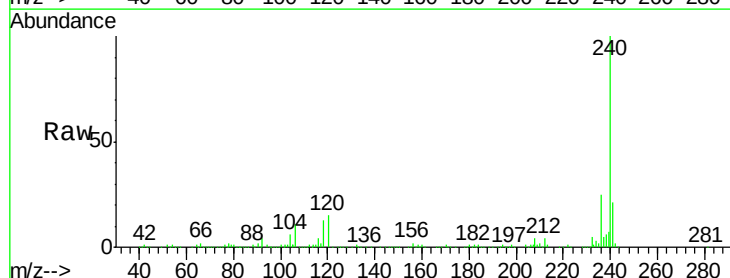
Instrument :
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SOUTH-SIDEWALL(11.5)

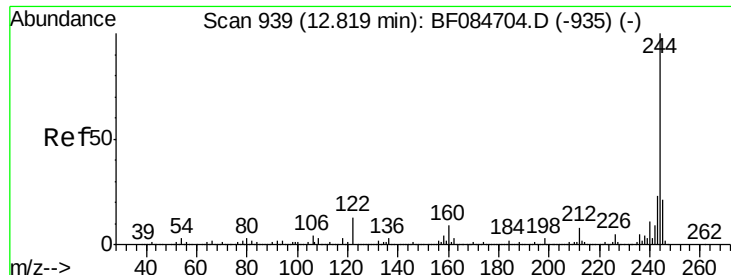
Tgt Ion:248 Resp: 24008
Ion Ratio Lower Upper
248 100
250 202.2 78.4 117.6#
141 654.9 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084800.D
Acq: 3 Feb 2016 22:31

Tgt Ion:240 Resp: 550167
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.0 20.6 31.0





#78

Terphenyl-d14

Concen: 74.28 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

Instrument :

BNA_F

ClientSampleId :

SOUTH-SIDEWALL(11.5)

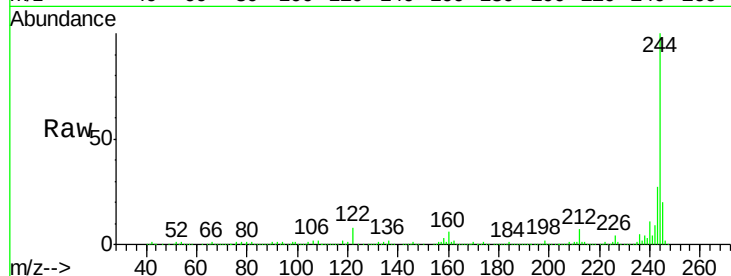
Tgt Ion:244 Resp: 1803326

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

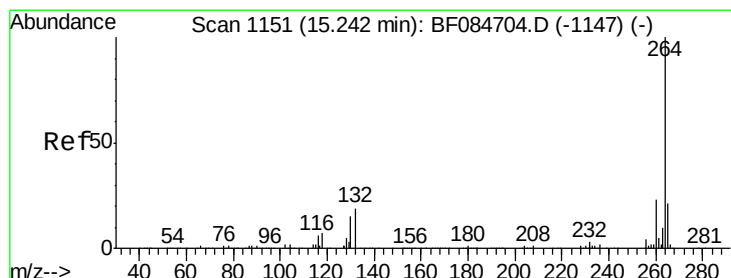
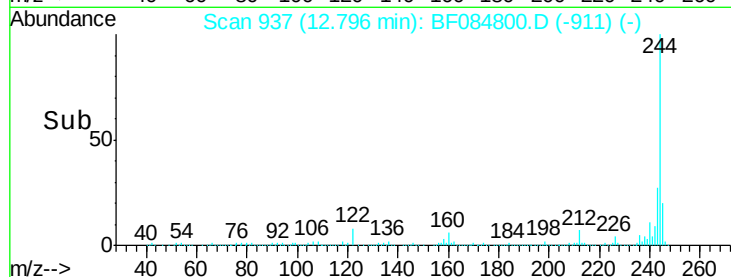
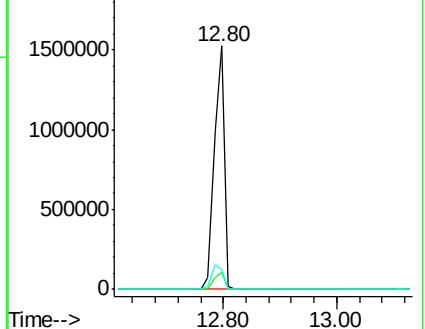
122 7.9 7.4 11.0



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: 15.21 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF084800.D

Acq: 3 Feb 2016 22:31

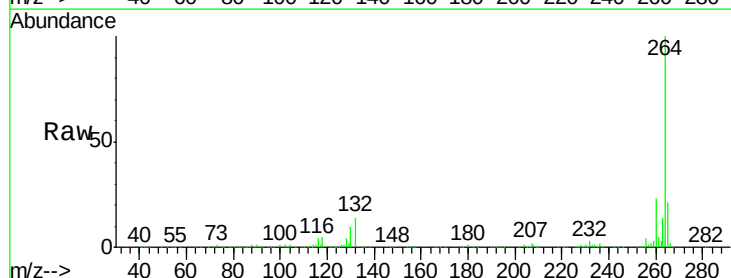
Tgt Ion:264 Resp: 384171

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.4 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

