

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084808.D
 Acq On : 4 Feb 2016 2:16
 Operator : SJ/IZ
 Sample : H1312-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(20-22)

Quant Time: Feb 04 04:08:58 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

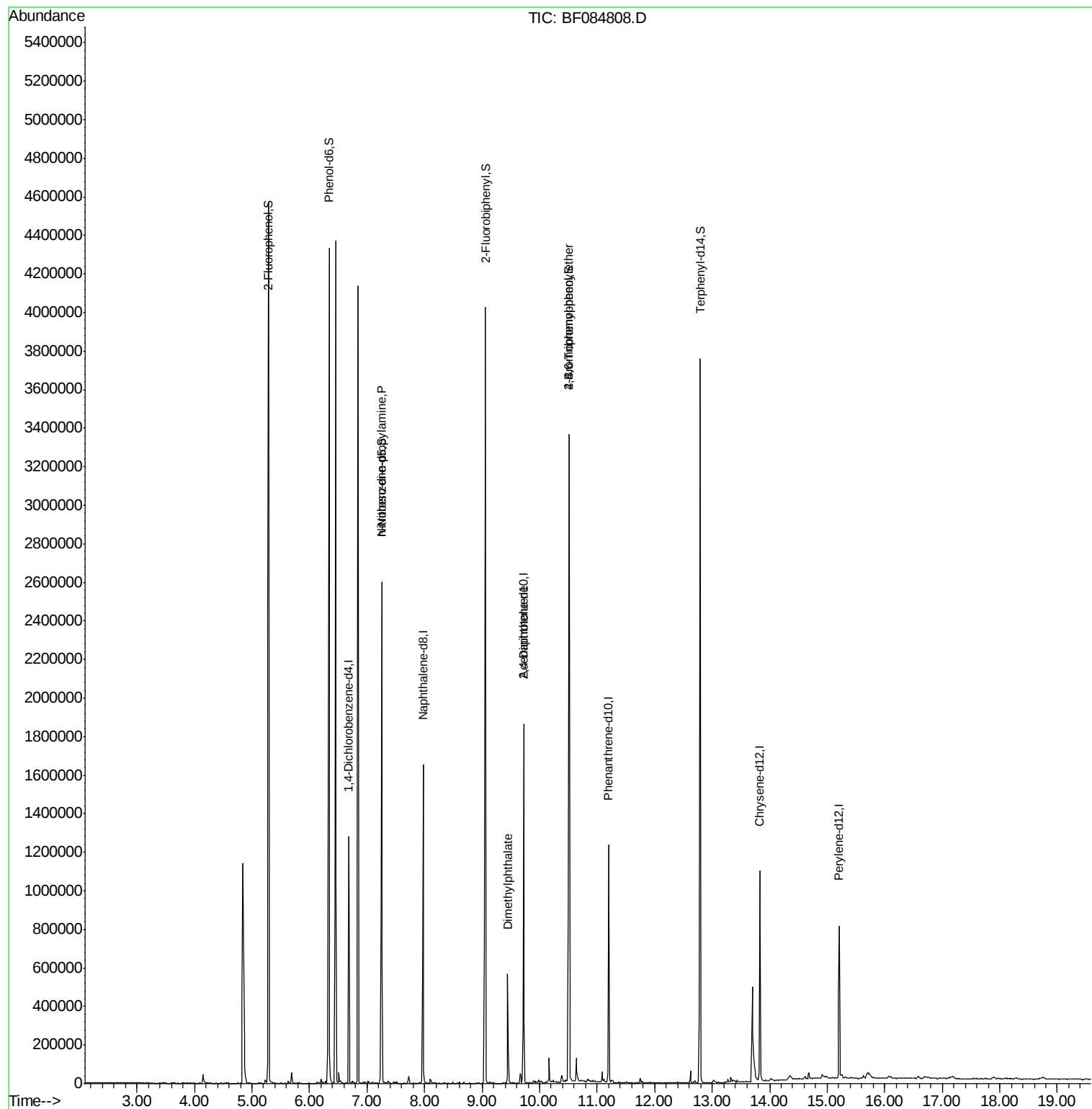
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	179287	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	772637	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	358953	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	634358	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	514556	20.00	ng	-0.01
86) Perylene-d12	15.21	264	363510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1388845	120.66	ng	0.01
7) Phenol-d6	6.34	99	1593221	111.65	ng	0.00
23) Nitrobenzene-d5	7.25	82	944592	68.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	398907	106.54	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1847452	87.55	ng	0.00
78) Terphenyl-d14	12.80	244	1690072	74.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	128940	14.42	ng	# 72
49) Dimethylphthalate	9.45	163	235698	8.62	ng	# 89
56) 2,4-Dinitrotoluene	9.72	165	46870	6.15	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	24021	3.43	ng	# 1

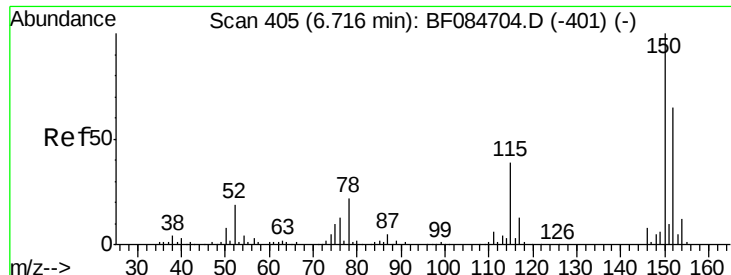
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084808.D

Acq: 4 Feb 2016 2:16

Instrument :

BNA_F

ClientSampleId :

SUP-B037(20-22)

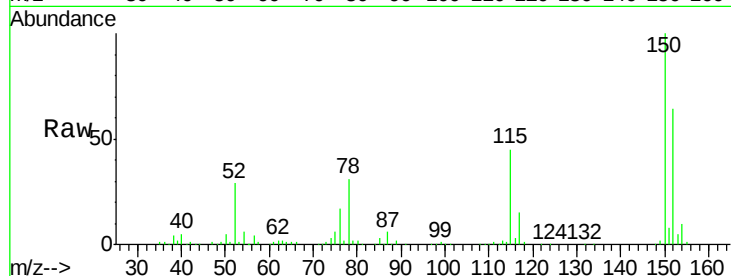
Tgt Ion:152 Resp: 179287

Ion Ratio Lower Upper

152 100

150 156.6 123.0 184.4

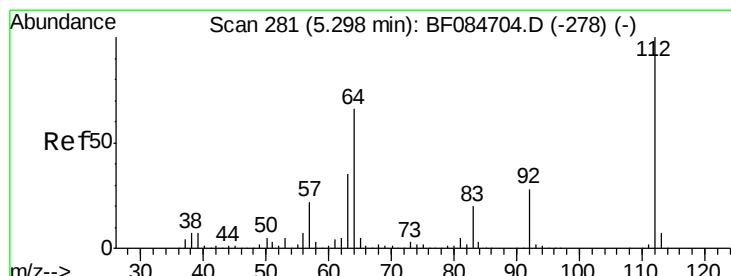
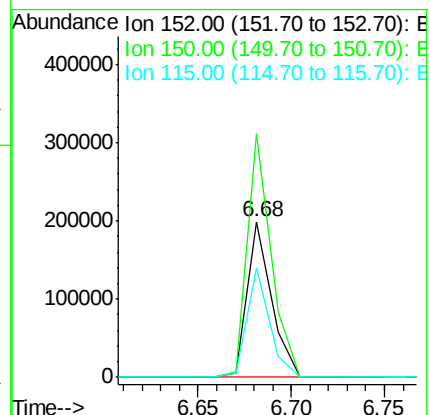
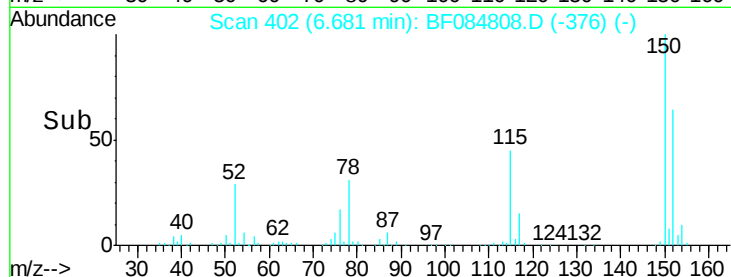
115 70.6 51.4 77.2



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: 120.66 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084808.D

Acq: 4 Feb 2016 2:16

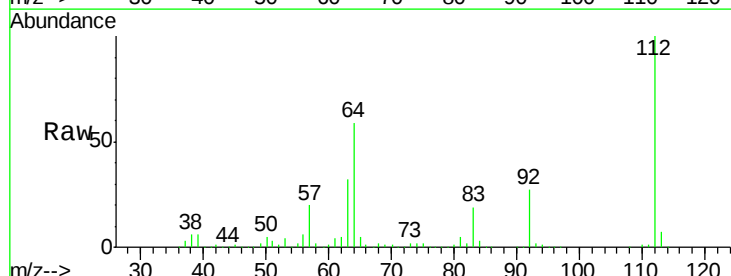
Tgt Ion:112 Resp: 1388845

Ion Ratio Lower Upper

112 100

64 59.4 36.6 55.0#

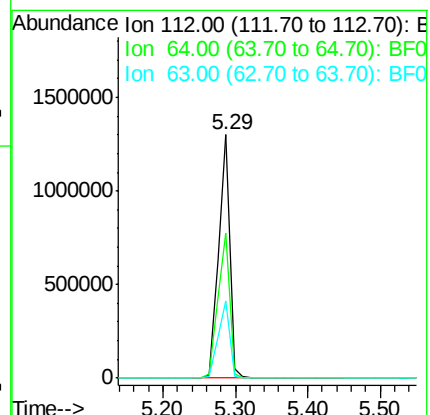
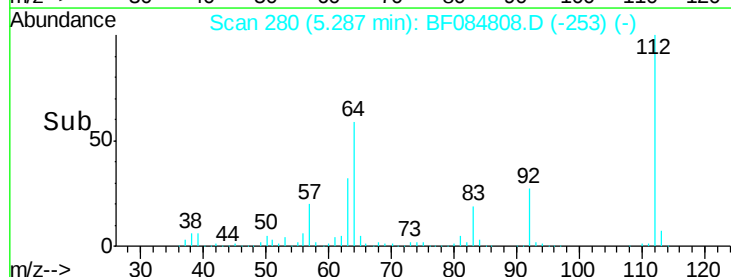
63 31.6 19.4 29.0#

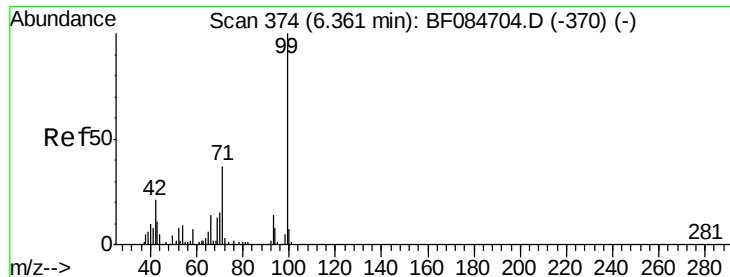


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.65 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF084808.D

Acq: 4 Feb 2016 2:16

Instrument :

BNA_F

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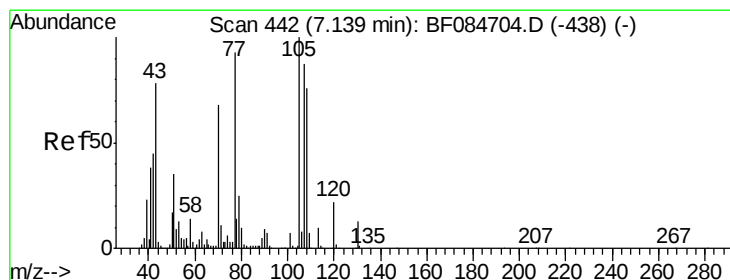
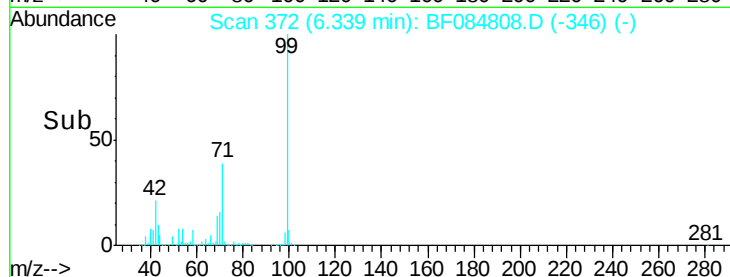
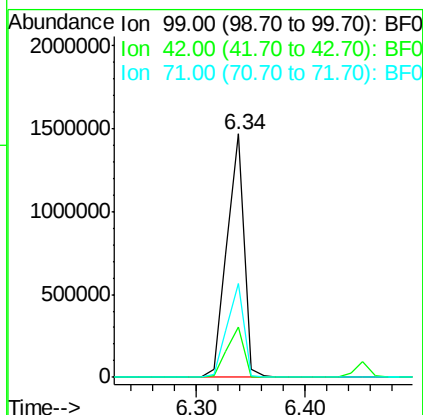
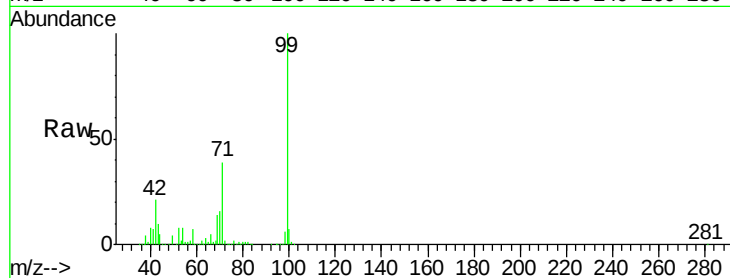
Tgt Ion: 99 Resp: 1593221

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

71 38.7 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.42 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084808.D

Acq: 4 Feb 2016 2:16

Tgt Ion: 70 Resp: 128940

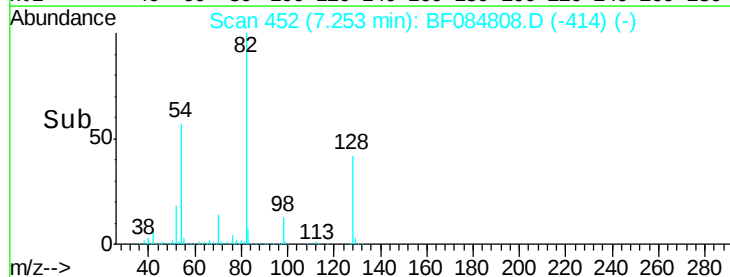
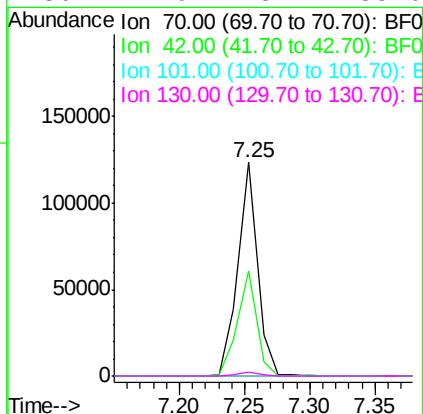
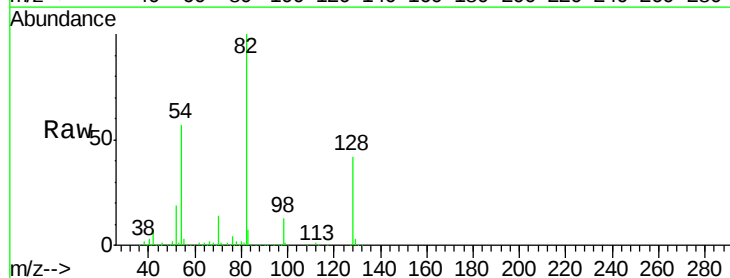
Ion Ratio Lower Upper

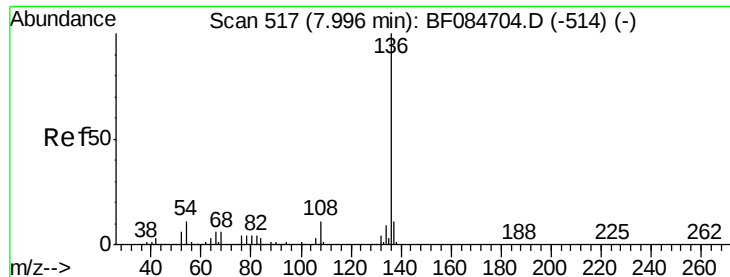
70 100

42 49.2 33.3 49.9

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

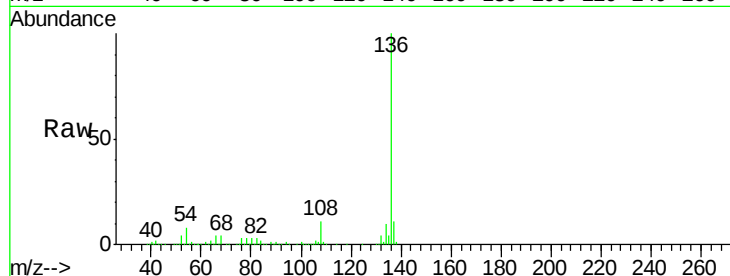




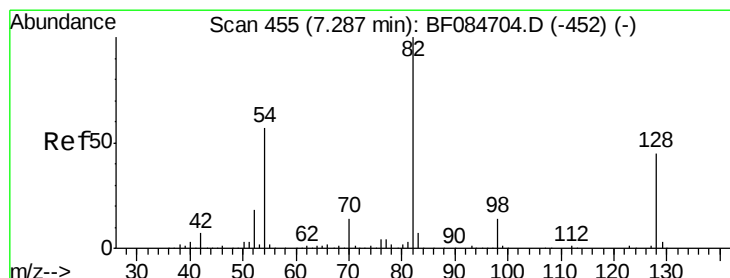
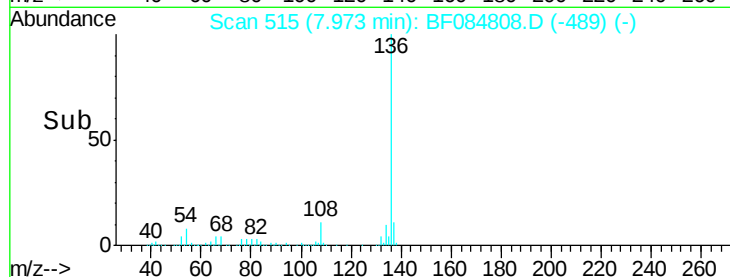
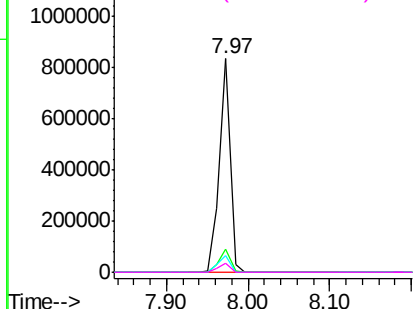
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF084808.D
Acq: 4 Feb 2016 2:16

Instrument :
BNA_F
ClientSampleId :
SUP-B037(20-22)

Tgt Ion:	136	Resp:	772637
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.7	5.8	8.8
68	4.4	4.2	6.2

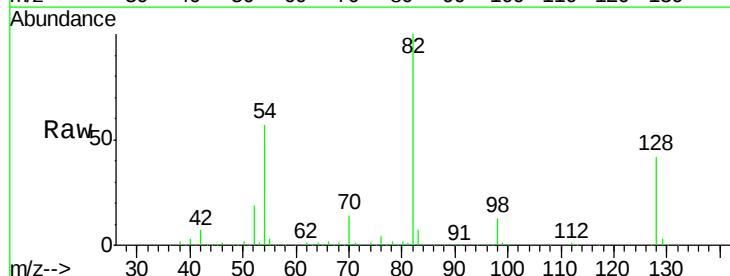


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

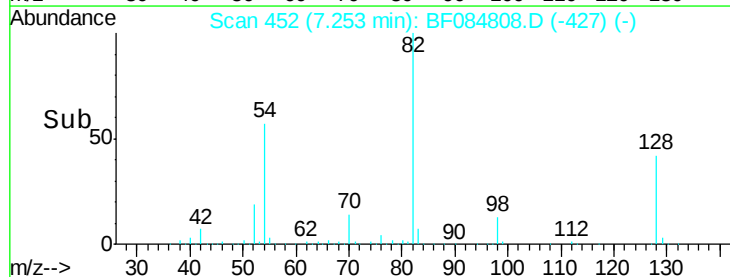
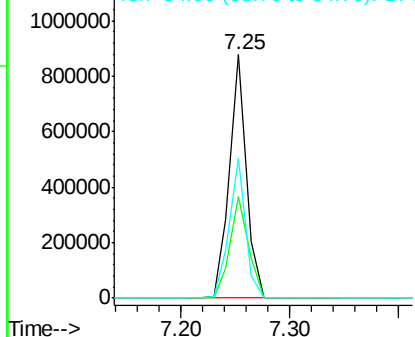


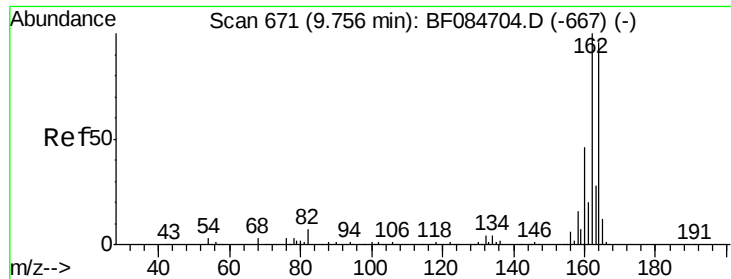
#23
Nitrobenzene-d5
Concen: 68.87 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084808.D
Acq: 4 Feb 2016 2:16

Tgt Ion:	82	Resp:	944592
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	51.8
54	57.3	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

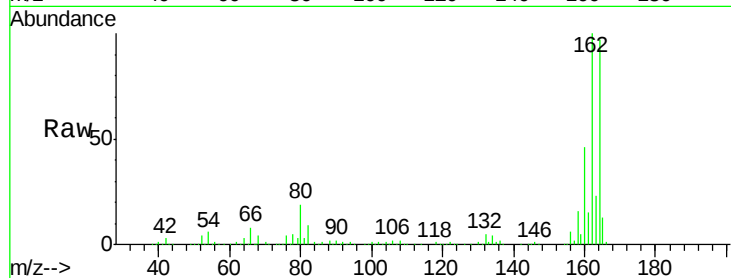




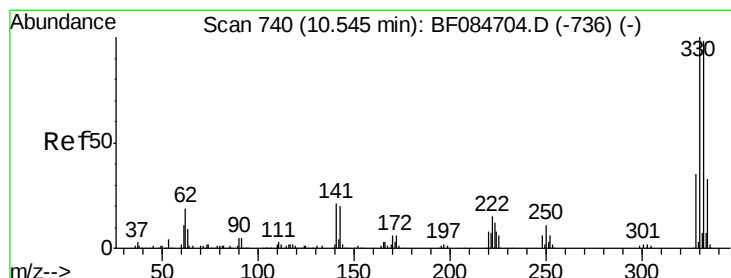
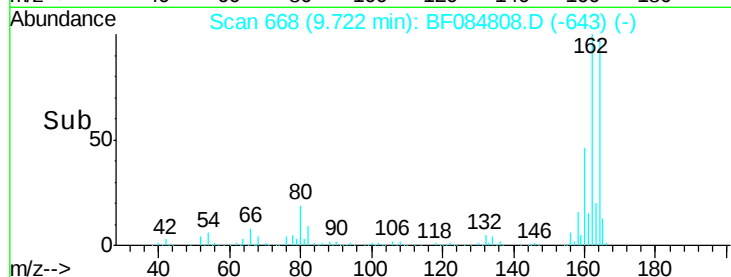
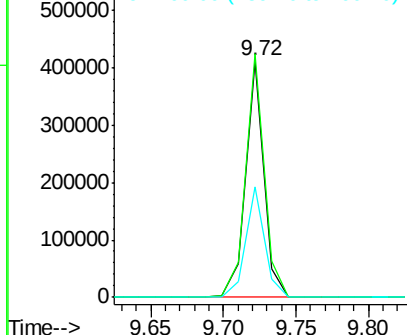
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084808.D
 Acq: 4 Feb 2016 2:16

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(20-22)

Tgt Ion:164 Resp: 358953
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.1 127.7
 160 47.0 37.5 56.3

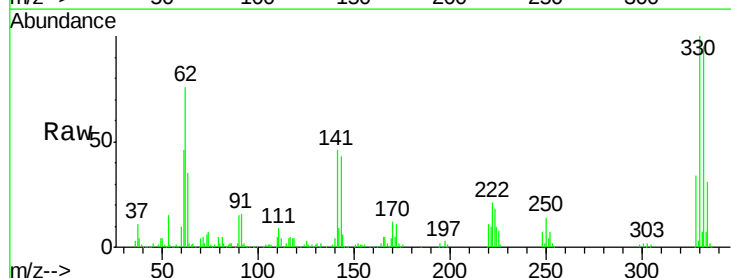


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

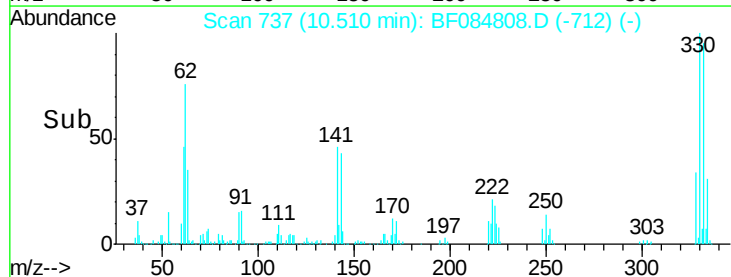
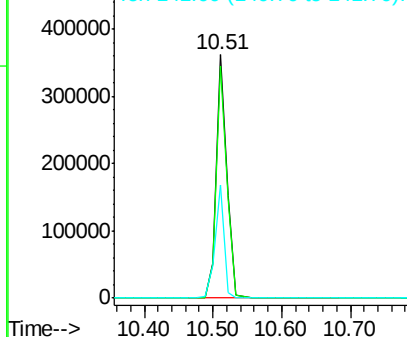


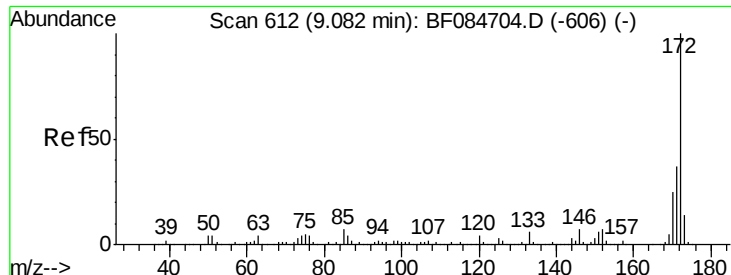
#41
 2,4,6-Tribromophenol
 Concen: 106.54 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084808.D
 Acq: 4 Feb 2016 2:16

Tgt Ion:330 Resp: 398907
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 39.4 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

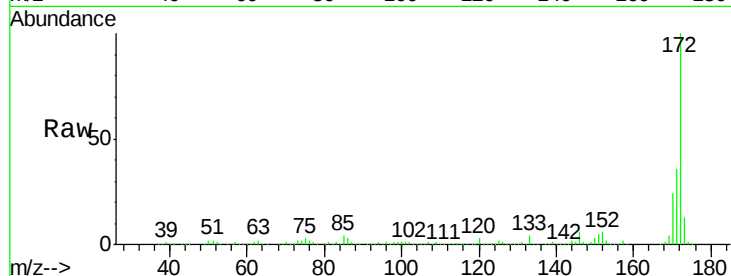




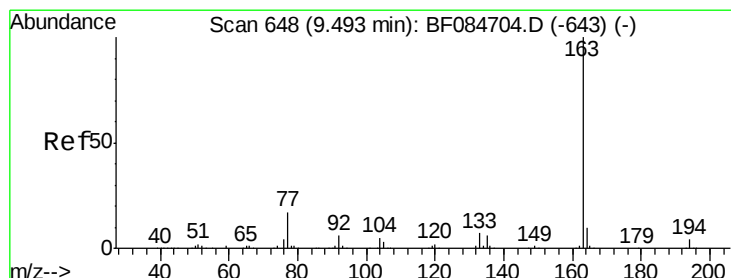
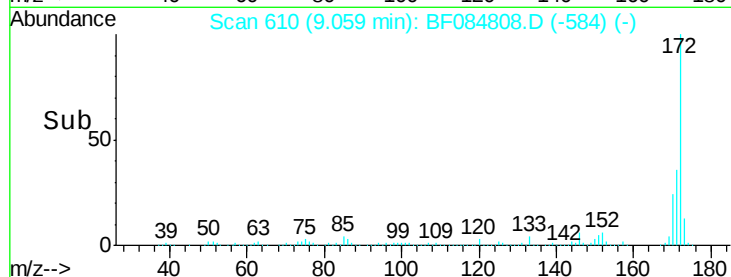
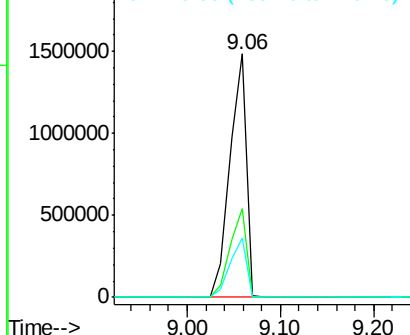
#44
2-Fluorobiphenyl
Concen: 87.55 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF084808.D
Acq: 4 Feb 2016 2:16

Instrument :
BNA_F
ClientSampleId :
SUP-B037(20-22)

Tgt Ion:172 Resp: 1847452
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 24.3 18.6 27.8

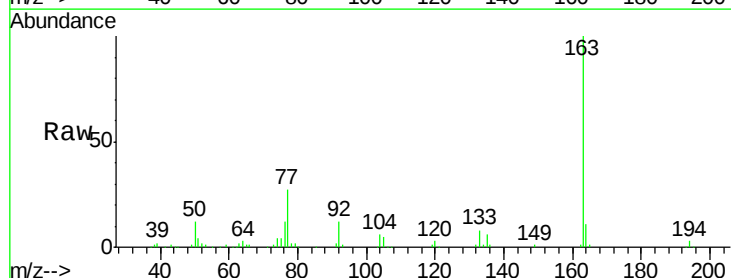


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

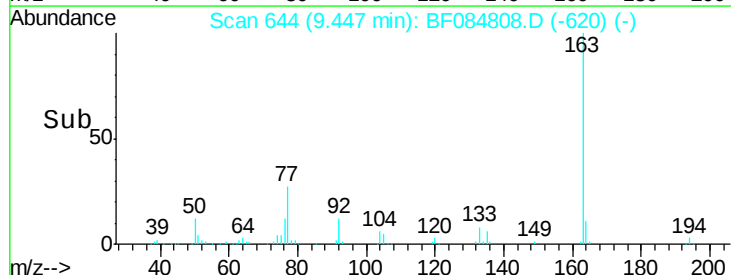
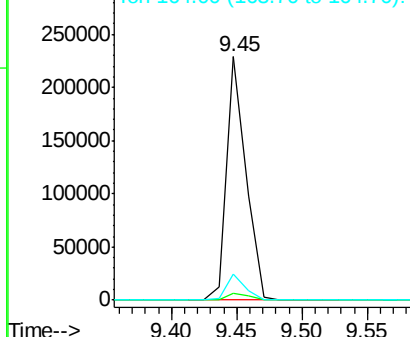


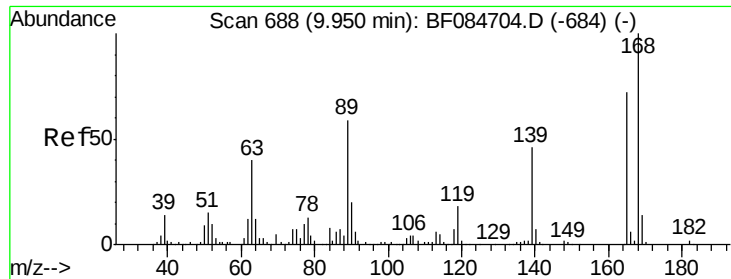
#49
Dimethylphthalate
Concen: 8.62 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084808.D
Acq: 4 Feb 2016 2:16

Tgt Ion:163 Resp: 235698
Ion Ratio Lower Upper
163 100
194 2.8 8.0 12.0#
164 10.7 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

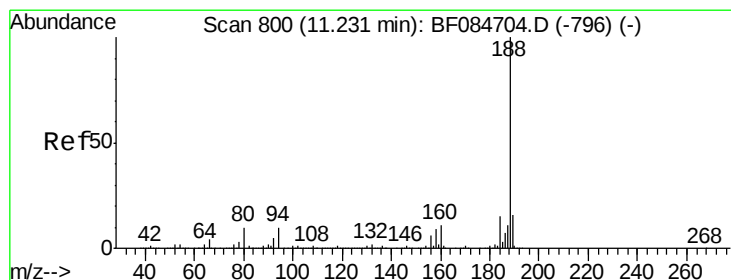
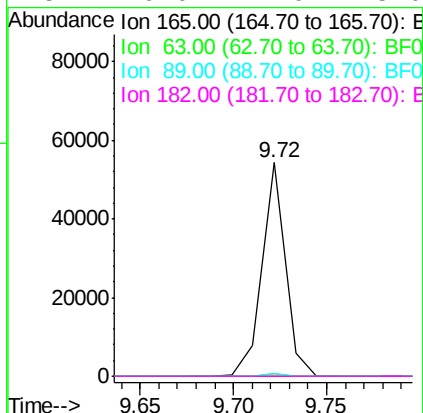
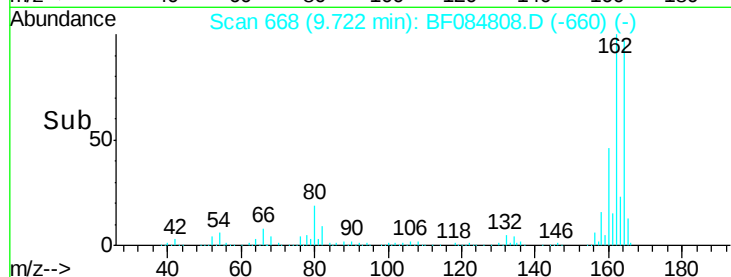
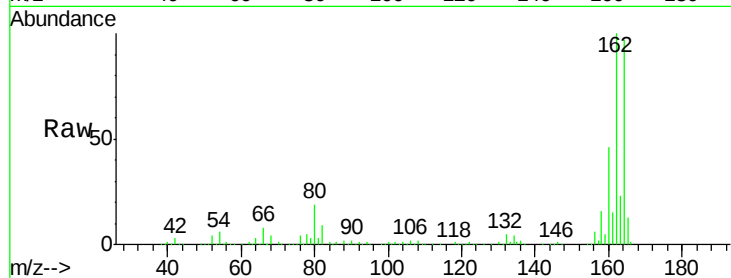




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.21 min
 Lab File: BF084808.D
 Acq: 4 Feb 2016 2:16

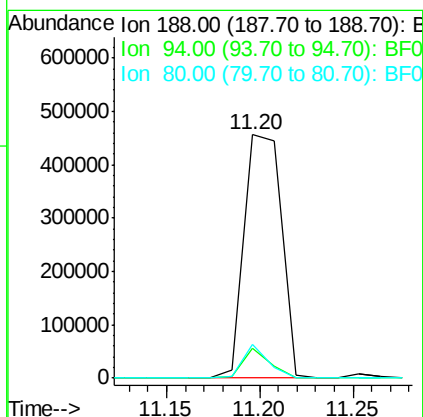
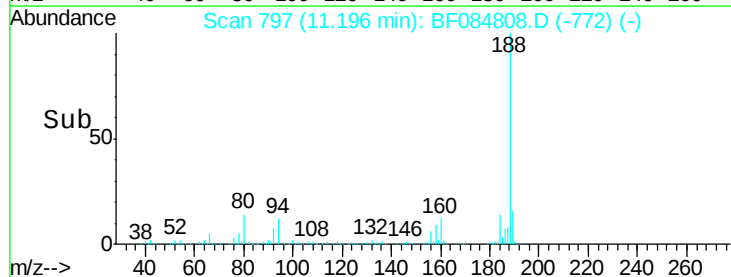
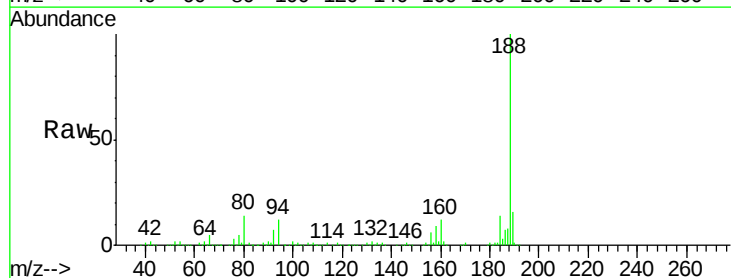
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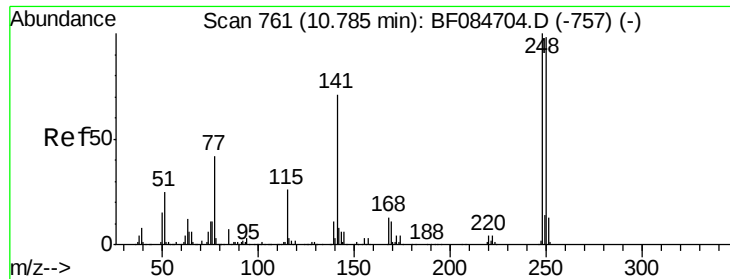
Tgt Ion:	165	Resp:	46870
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF084808.D
 Acq: 4 Feb 2016 2:16

Tgt Ion:	188	Resp:	634358
Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.0	13.4
80	13.9	9.6	14.4

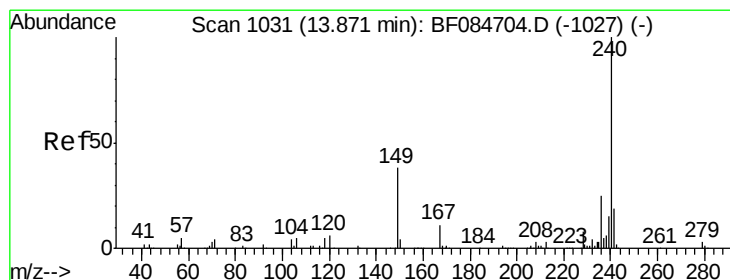
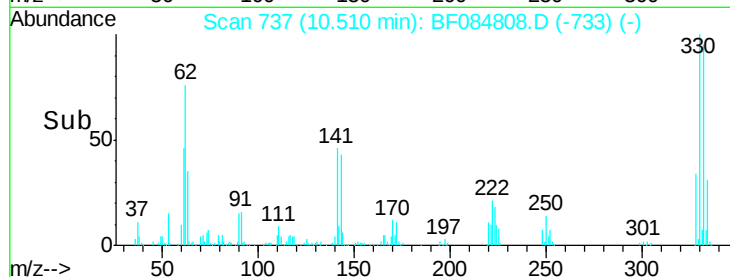
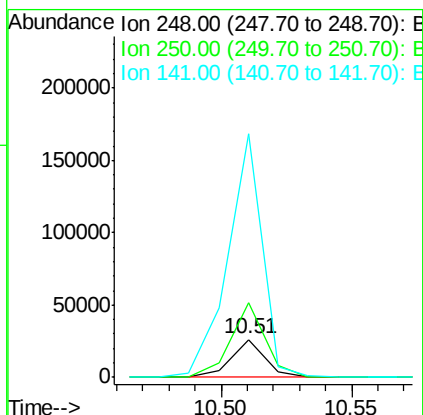
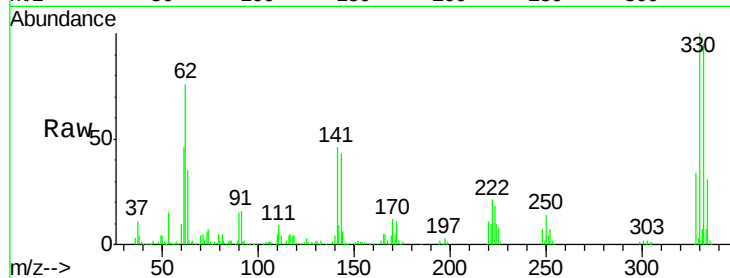




#66
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084808.D
Acq: 4 Feb 2016 2:16

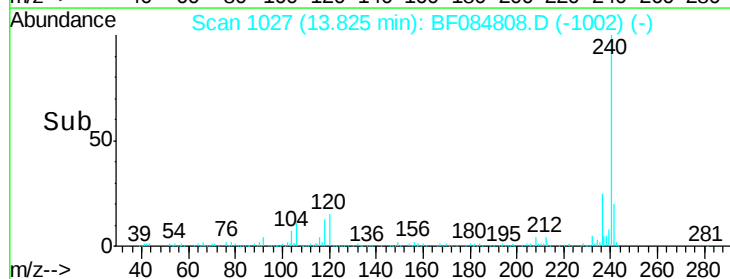
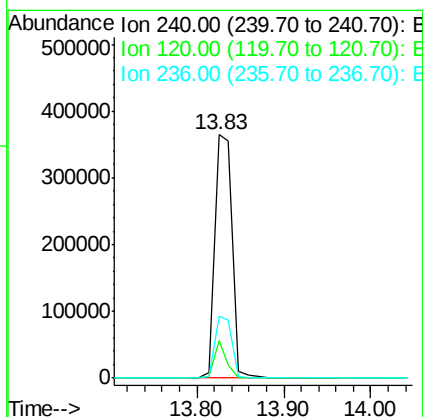
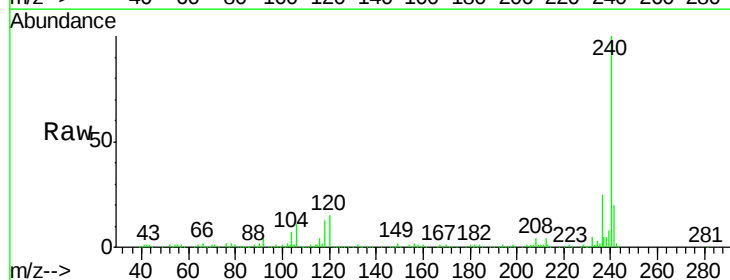
Instrument :
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ClientSampleId :
SUP-B037(20-22)

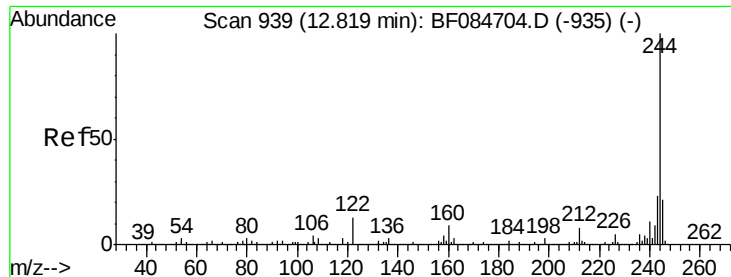
Tgt Ion:248 Resp: 24021
Ion Ratio Lower Upper
248 100
250 197.2 78.4 117.6#
141 644.4 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF084808.D
Acq: 4 Feb 2016 2:16

Tgt Ion:240 Resp: 514556
Ion Ratio Lower Upper
240 100
120 15.3 9.5 14.3#
236 25.2 20.6 31.0

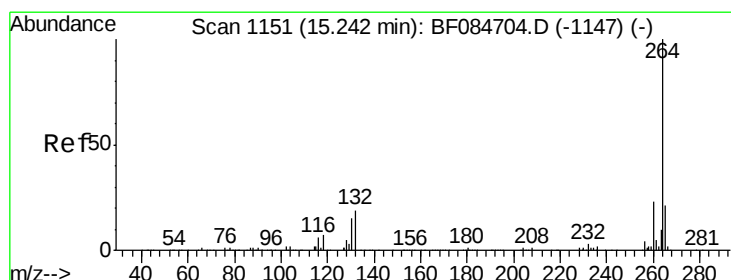
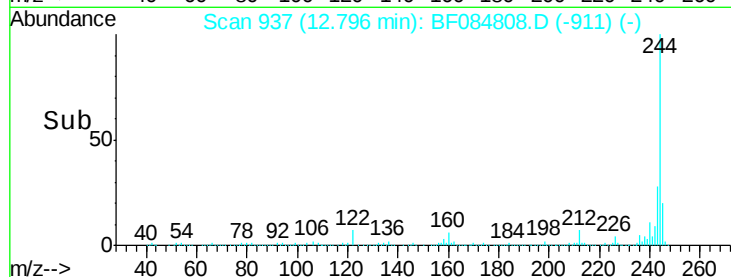
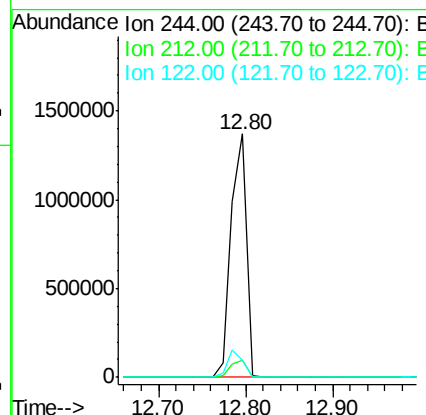
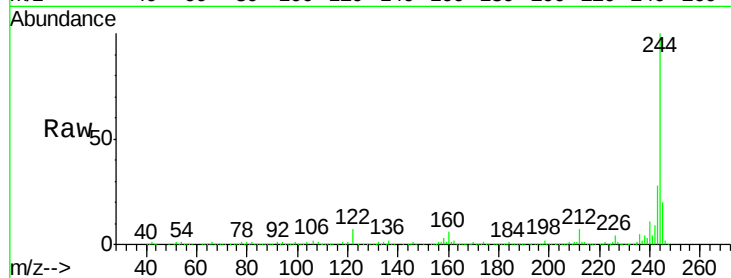




#78
 Terphenyl-d14
 Concen: 74.43 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF084808.D
 Acq: 4 Feb 2016 2:16

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(20-22)

Tgt Ion:244 Resp: 1690072
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 7.1 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF084808.D
 Acq: 4 Feb 2016 2:16

Tgt Ion:264 Resp: 363510
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.5 17.8 26.6

