

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084711.D
 Acq On : 1 Feb 2016 16:06
 Operator : SJ/IZ
 Sample : PB88012BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BL

Quant Time: Feb 02 00:30:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

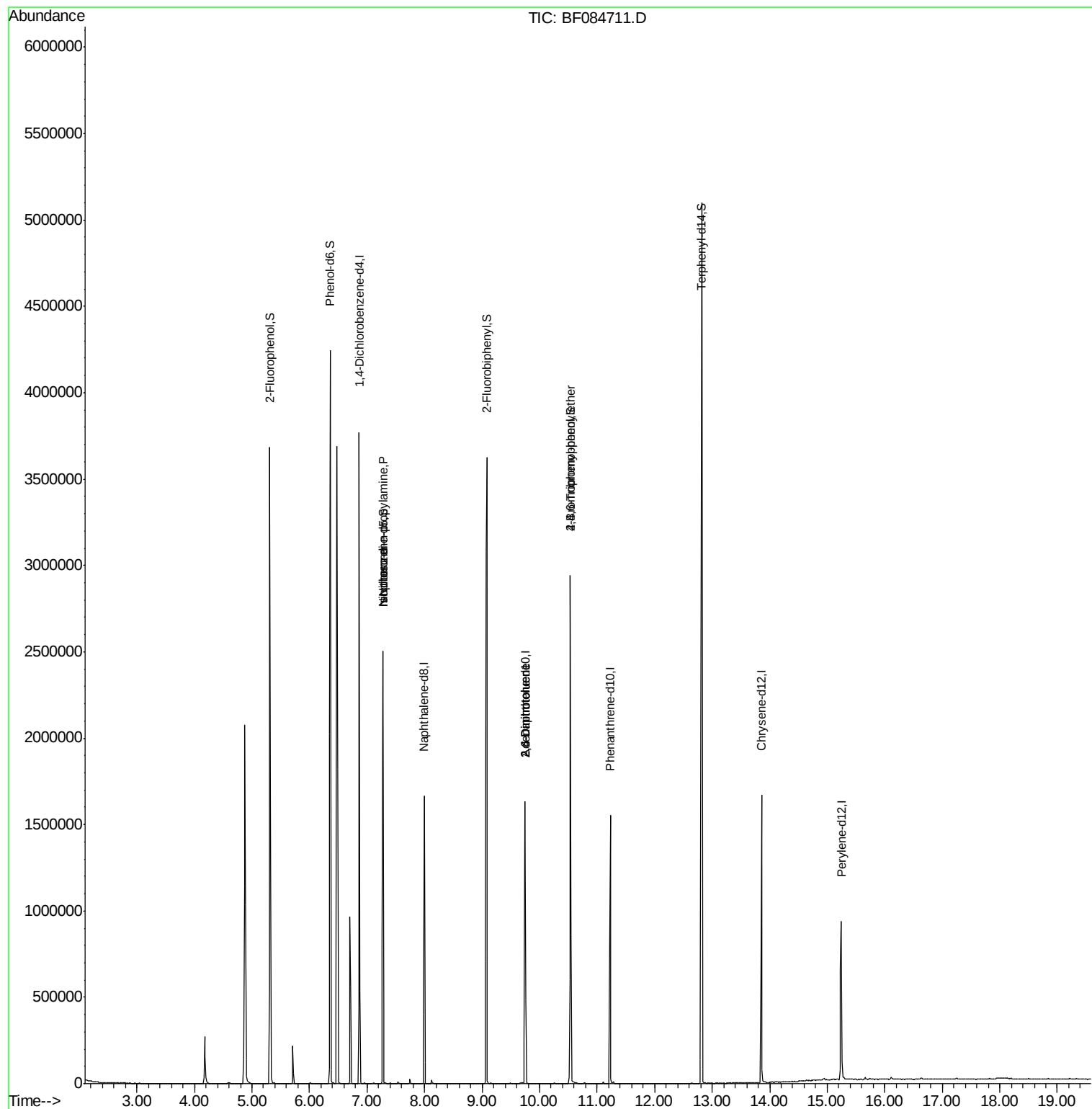
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	519494	20.00	ng	0.14
21) Naphthalene-d8	8.00	136	743421	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	344670	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	681274	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	609979	20.00	ng	-0.01
86) Perylene-d12	15.24	264	443724	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1156746	34.68	ng	0.00
7) Phenol-d6	6.36	99	1517563	36.70	ng	-0.01
23) Nitrobenzene-d5	7.28	82	847044	64.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	385562	107.24	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1733983	84.56	ng	-0.01
78) Terphenyl-d14	12.82	244	1783530	66.26	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	117453	4.53	ng	# 72
25) Isophorone	7.28	82	667238	26.00	ng	# 66
50) 2,6-Dinitrotoluene	9.74	165	44318	7.73	ng	# 37
56) 2,4-Dinitrotoluene	9.74	165	44318	6.06	ng	# 21
66) 4-Bromophenyl-phenylether	10.53	248	22610	3.00	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: 6.86 min Scan# 418

Delta R.T. 0.14 min

Lab File: BF084711.D

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ClientSampleId :

PB88012BL

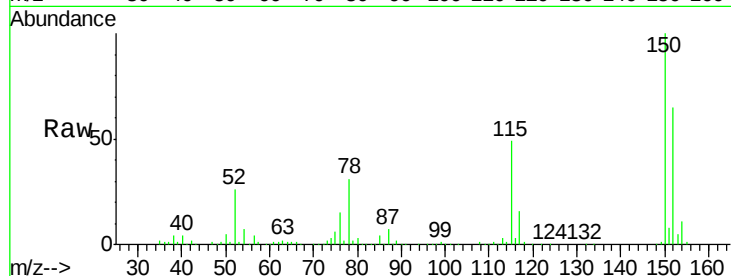
Tgt Ion:152 Resp: 519494

Ion Ratio Lower Upper

152 100

150 154.7 123.0 184.4

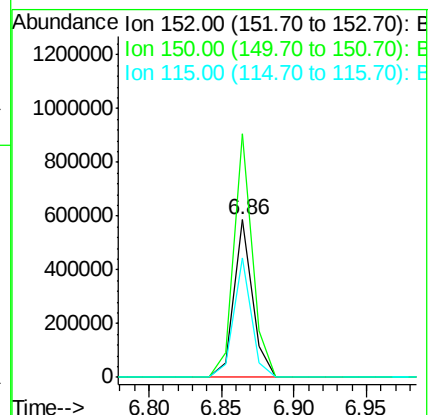
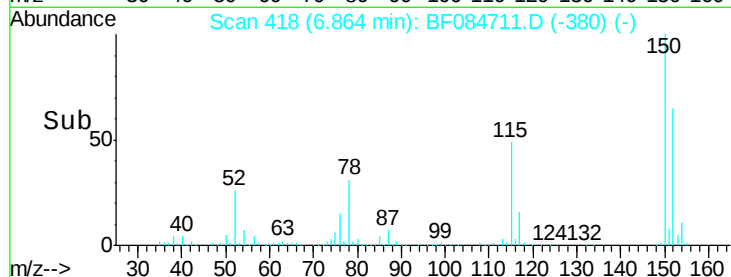
115 76.1 51.4 77.2



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: 34.68 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

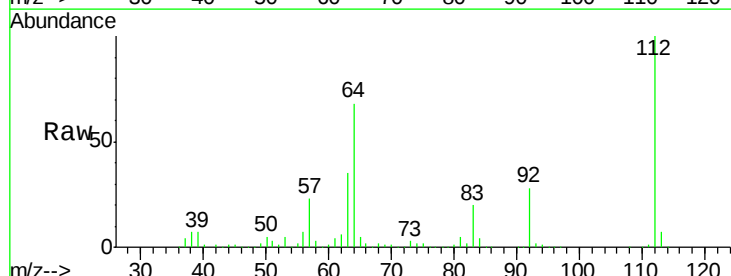
Tgt Ion:112 Resp: 1156746

Ion Ratio Lower Upper

112 100

64 67.7 36.6 55.0#

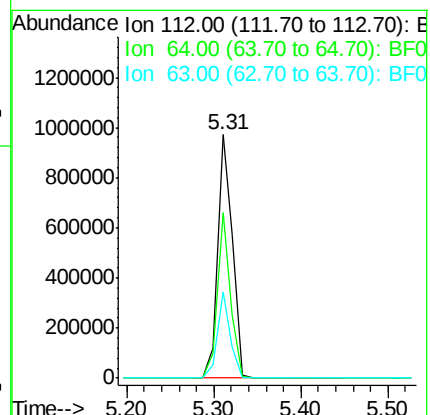
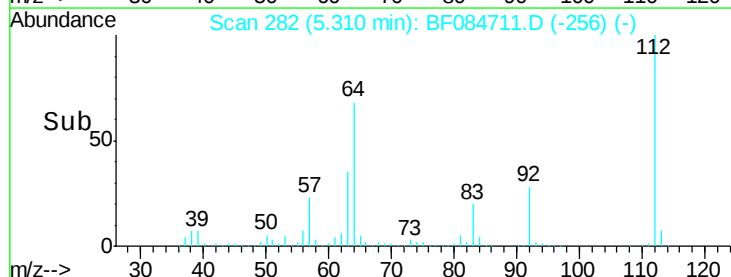
63 35.3 19.4 29.0#

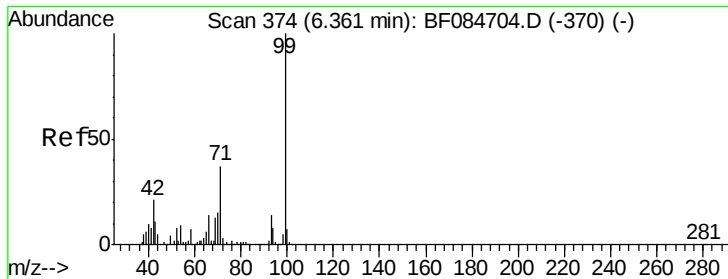


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.70 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

Instrument :

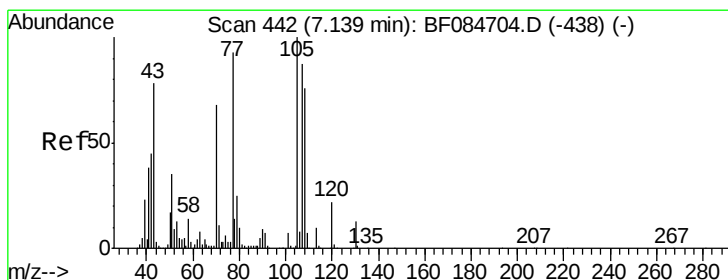
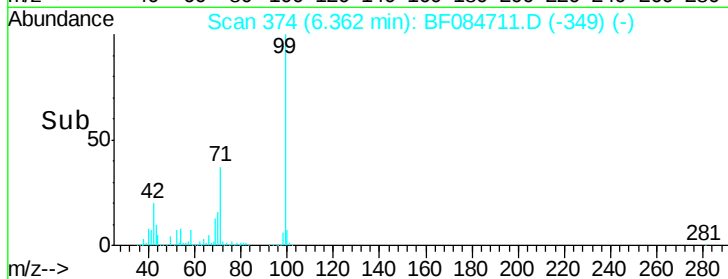
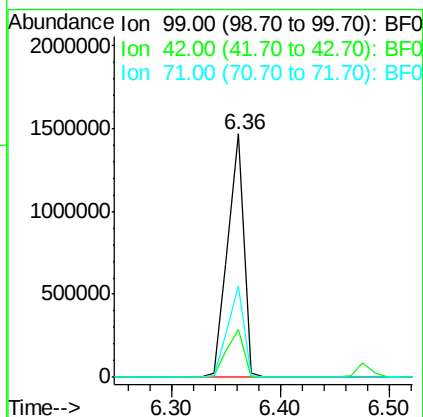
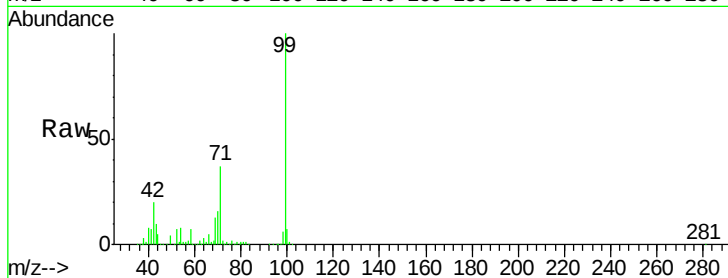
BNA_F

ClientSampleId :

PB88012BL

Tgt Ion: 99 Resp: 1517563

Ion	Ratio	Lower	Upper
99	100		
42	19.8	12.8	19.2#
71	37.4	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.53 ng

RT: 7.28 min Scan# 454

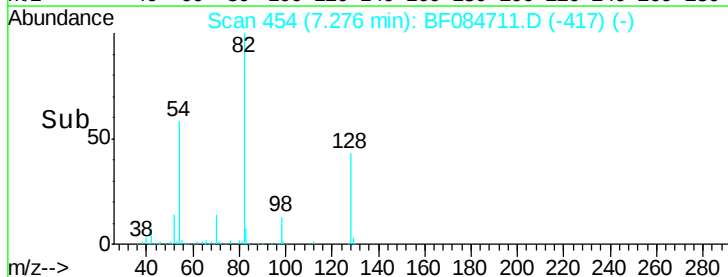
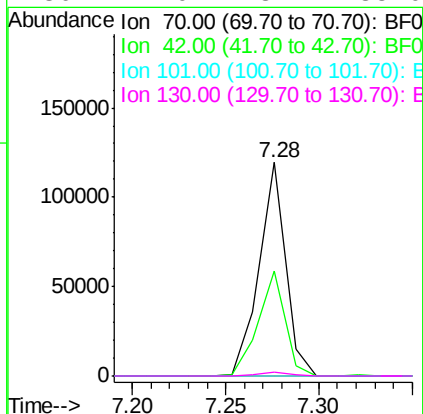
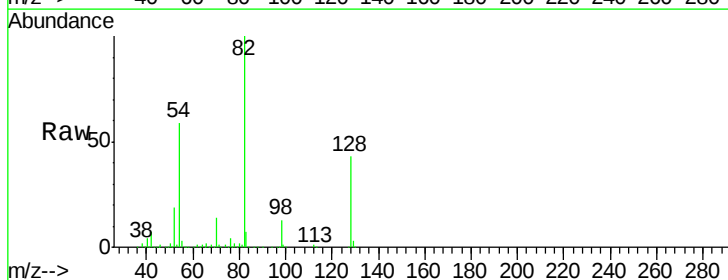
Delta R.T. 0.13 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

Tgt Ion: 70 Resp: 117453

Ion	Ratio	Lower	Upper
70	100		
42	49.1	33.3	49.9
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#

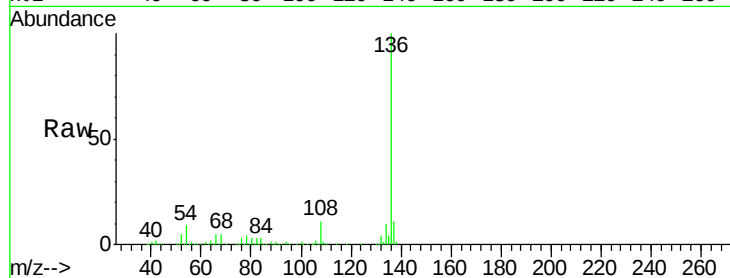




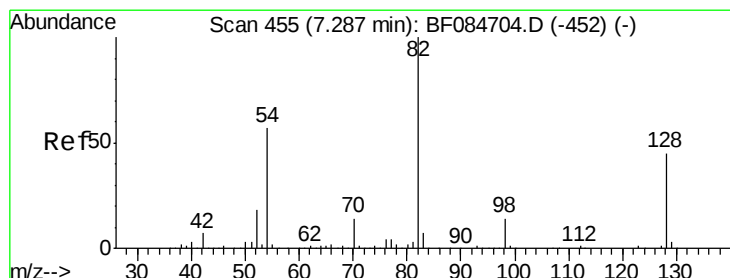
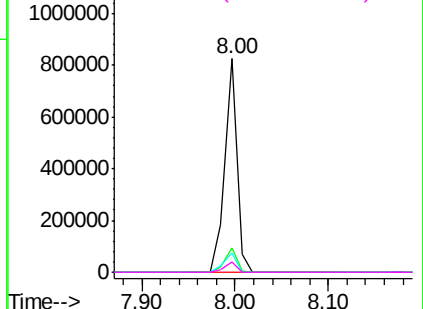
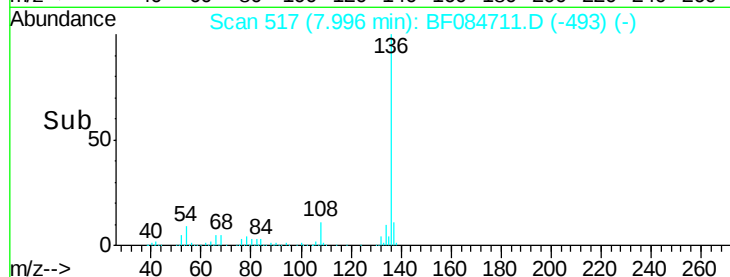
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084711.D
Acq: 1 Feb 2016 16:06

Instrument :
BNA_F
ClientSampleId :
PB88012BL

Tgt Ion:	136	Resp:	743421
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.8	5.8	8.8#
68	4.8	4.2	6.2

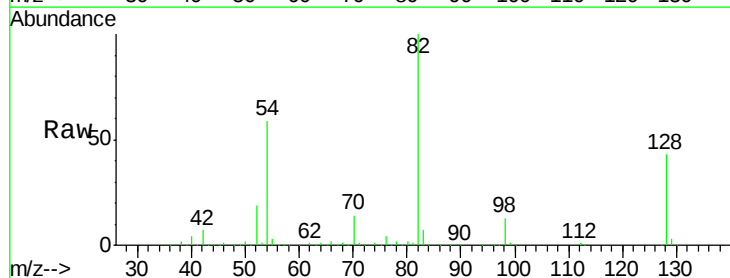


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

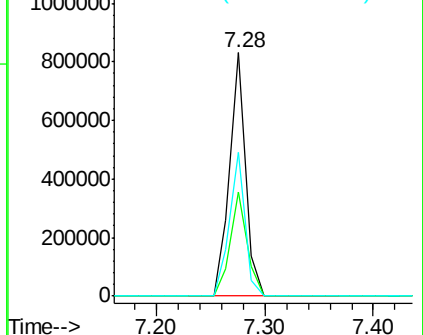
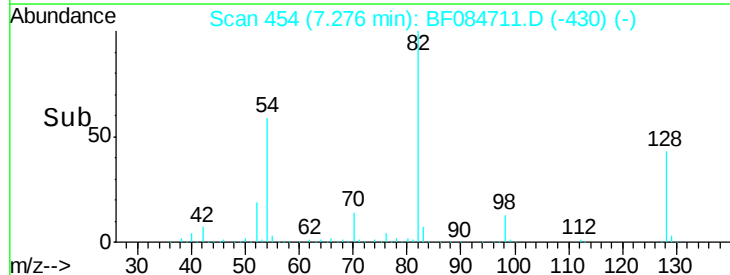


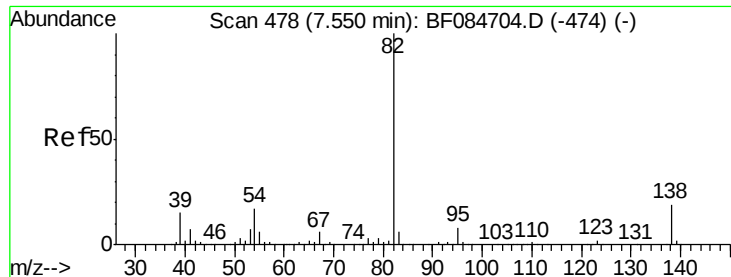
#23
Nitrobenzene-d5
Concen: 64.18 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084711.D
Acq: 1 Feb 2016 16:06

Tgt Ion:	82	Resp:	847044
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	51.8
54	59.1	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





#25

Isophorone

Concen: 26.00 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.29 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

Instrument :

BNA_F

ClientSampleId :

PB88012BL

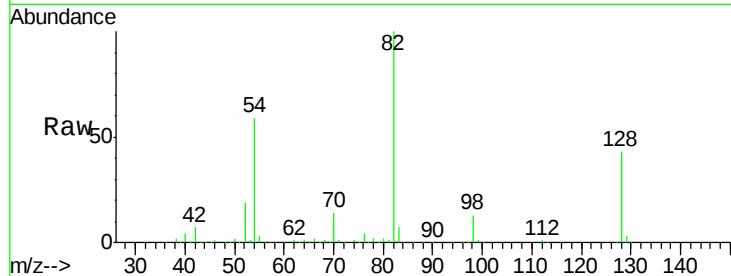
Tgt Ion: 82 Resp: 667238

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#

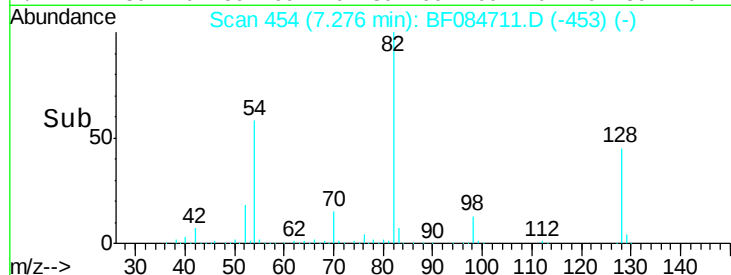


Abundance Ion 82.00 (81.70 to 82.70): BF0

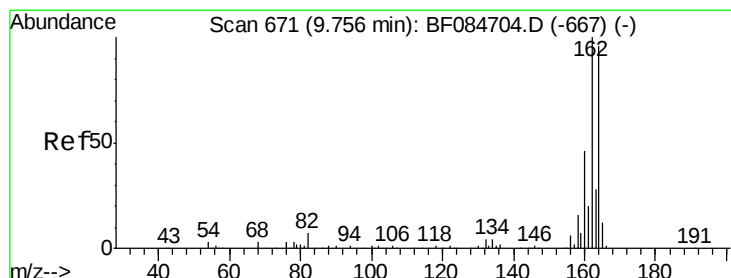
Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

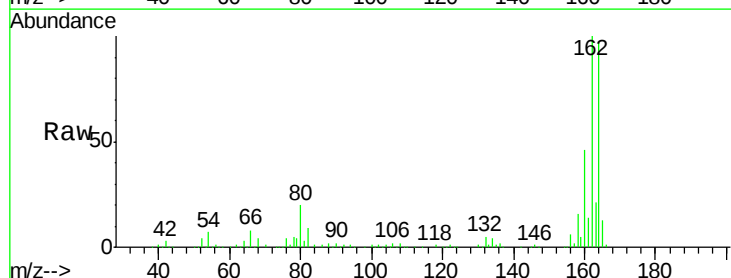
Tgt Ion: 164 Resp: 344670

Ion Ratio Lower Upper

164 100

162 103.4 85.1 127.7

160 47.4 37.5 56.3

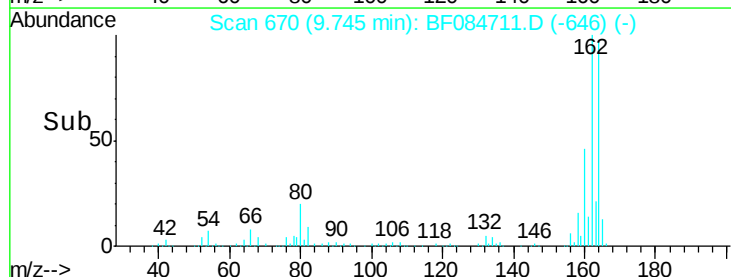


Abundance Ion 164.00 (163.70 to 164.70): E

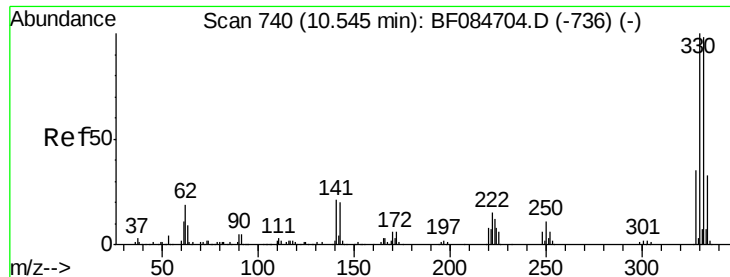
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



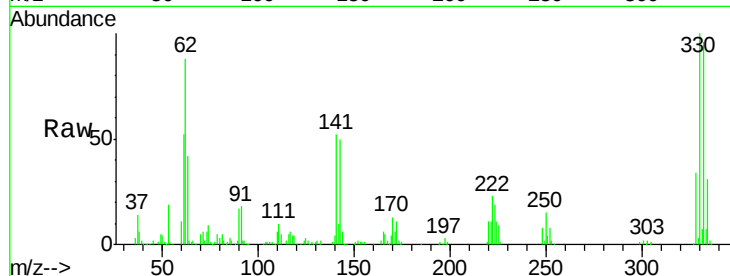
Time-->



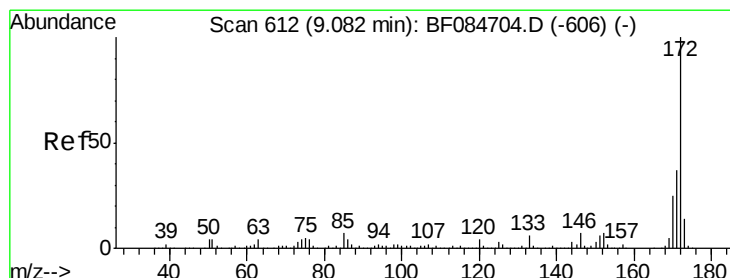
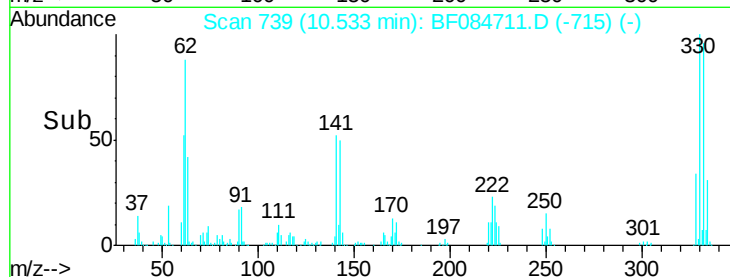
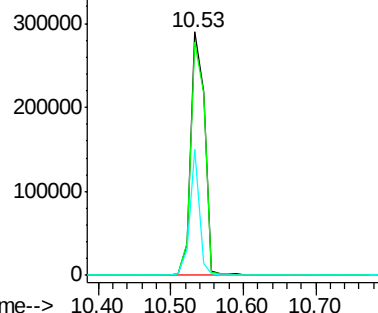
#41
 2,4,6-Tribromophenol
 Concen: 107.24 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084711.D
 Acq: 1 Feb 2016 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB88012BL

Tgt Ion:330 Resp: 385562
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 36.0 27.8 41.6

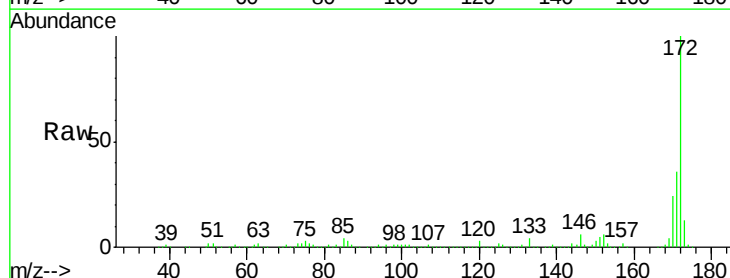


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

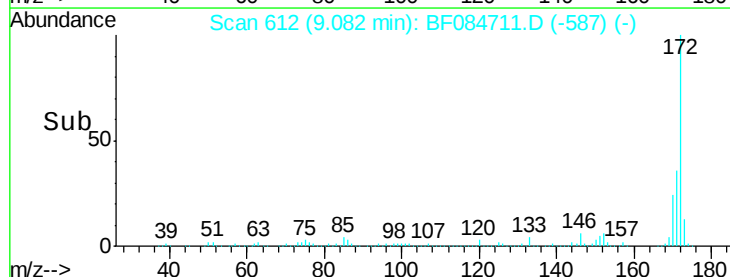
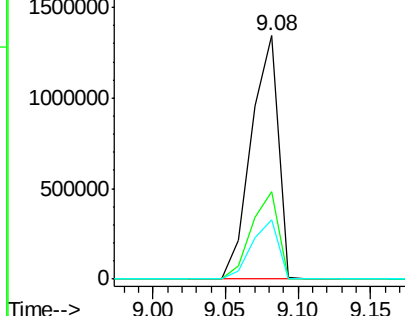


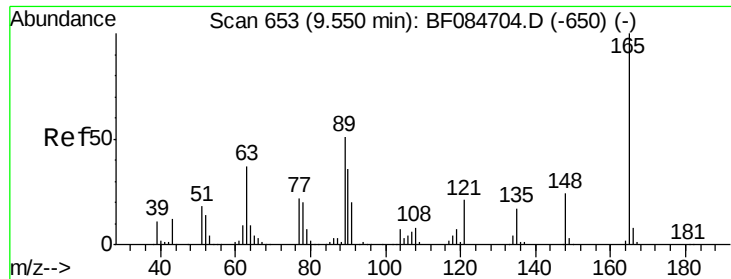
#44
 2-Fluorobiphenyl
 Concen: 84.56 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084711.D
 Acq: 1 Feb 2016 16:06

Tgt Ion:172 Resp: 1733983
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.5 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

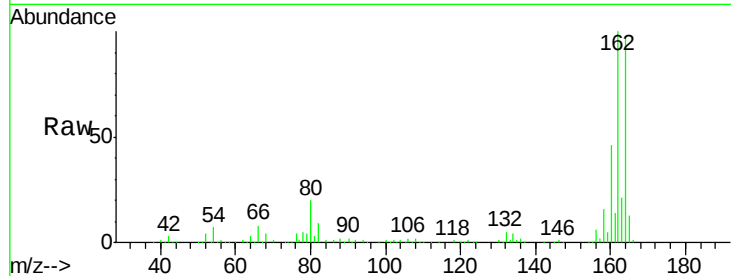




#50
 2,6-Dinitrotoluene
 Concen: 7.73 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.18 min
 Lab File: BF084711.D
 Acq: 1 Feb 2016 16:06

Instrument :
 BNA_F
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 PB88012BL

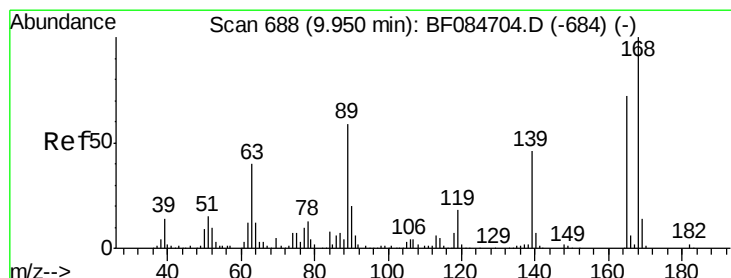
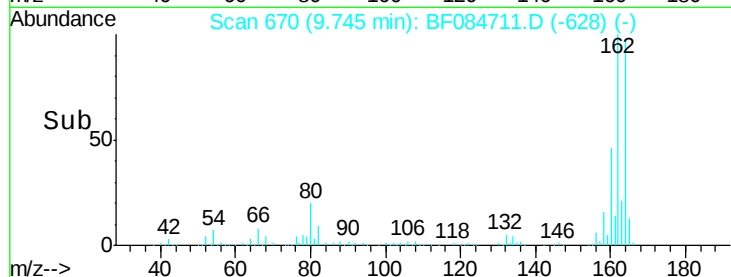
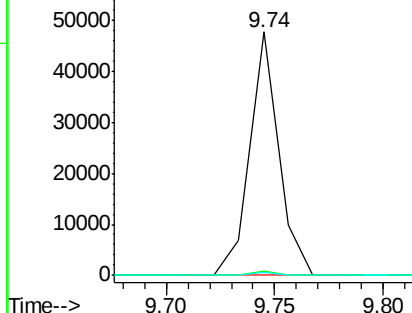
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	28.8	43.2#
89	1.2	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E

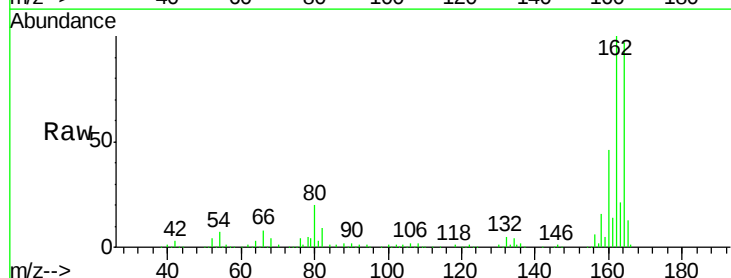
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.22 min
 Lab File: BF084711.D
 Acq: 1 Feb 2016 16:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	1.2	61.9	92.9#
182	0.0	2.0	3.0#

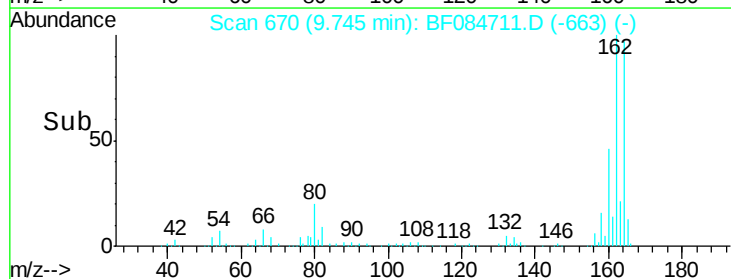
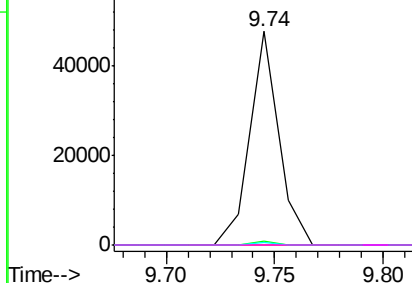


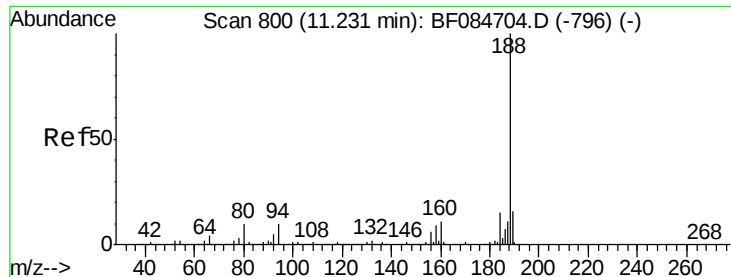
Abundance Ion 165.00 (164.70 to 165.70): E

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

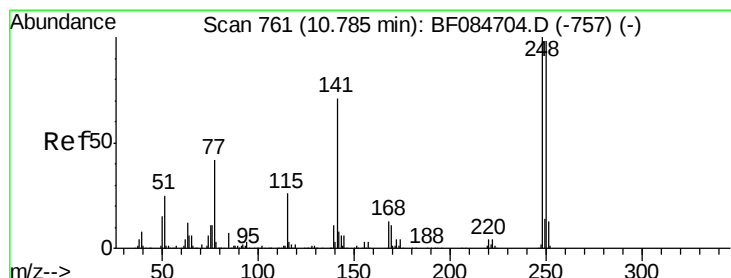
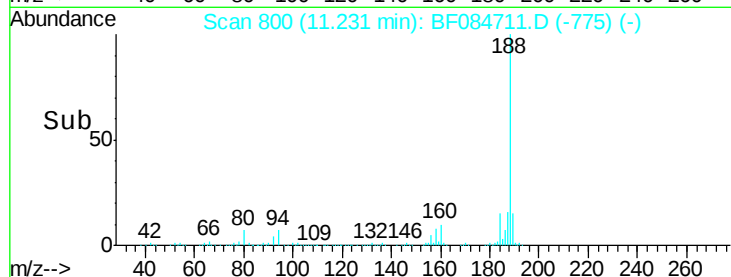
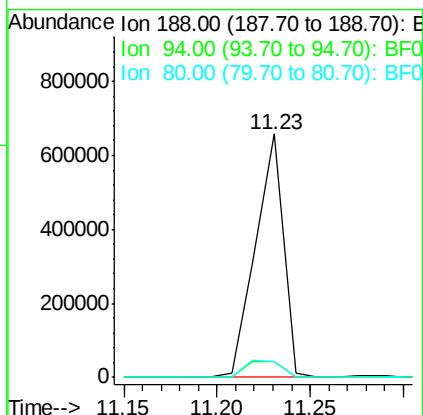
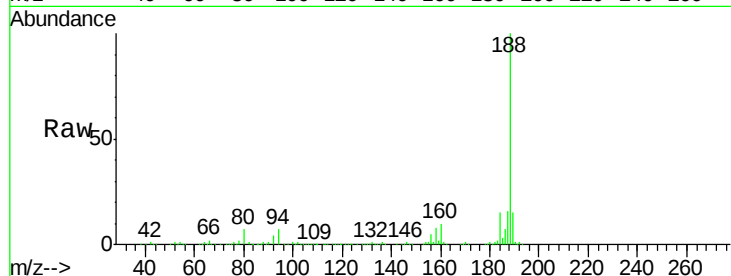




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084711.D
Acq: 1 Feb 2016 16:06

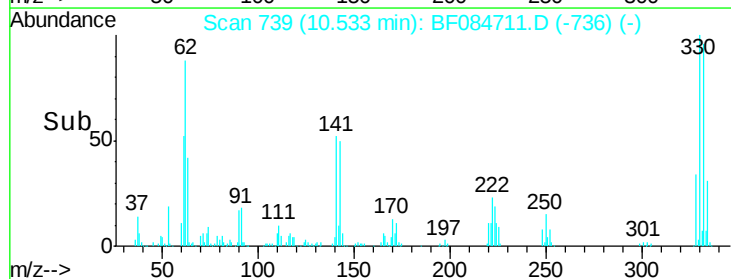
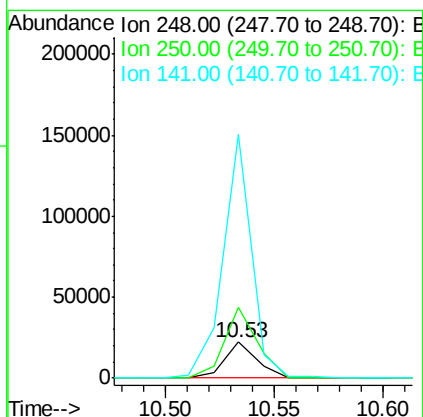
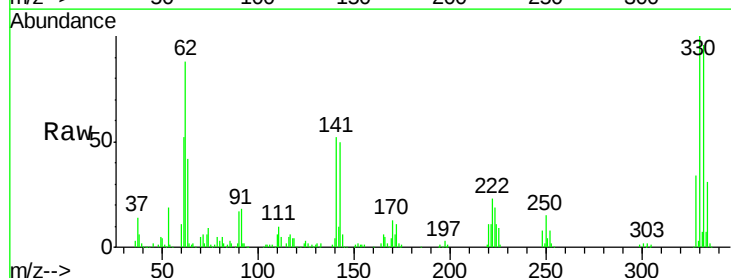
Instrument :
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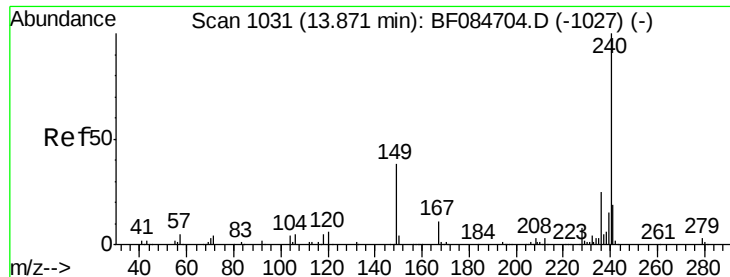
Tgt Ion:188 Resp: 681274
Ion Ratio Lower Upper
188 100
94 6.7 9.0 13.4#
80 6.7 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.26 min
Lab File: BF084711.D
Acq: 1 Feb 2016 16:06

Tgt Ion:248 Resp: 22610
Ion Ratio Lower Upper
248 100
250 198.4 78.4 117.6#
141 681.7 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

Instrument :

BNA_F

ClientSampleId :

PB88012BL

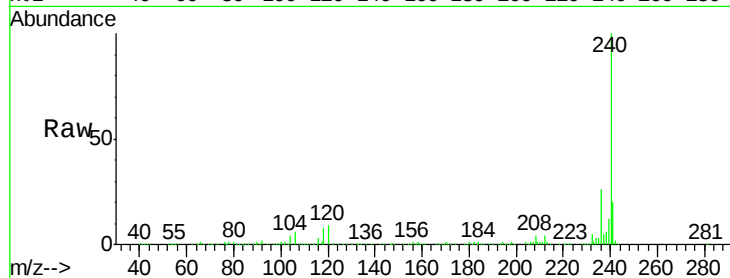
Tgt Ion:240 Resp: 609979

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

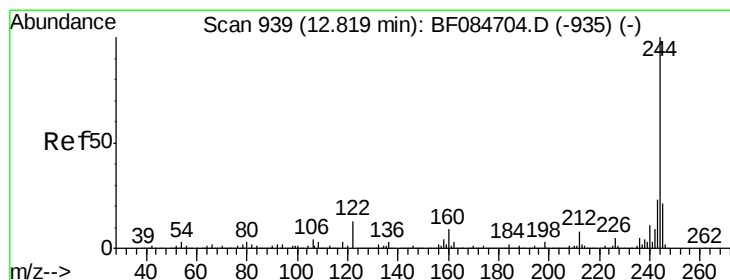
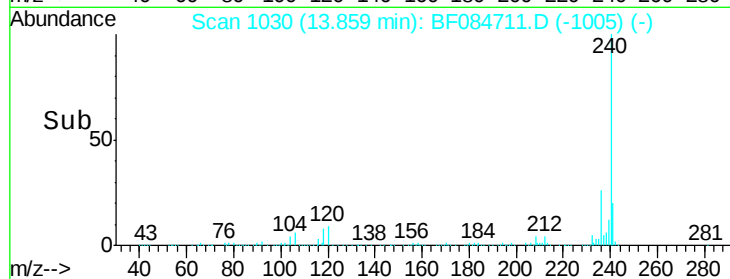
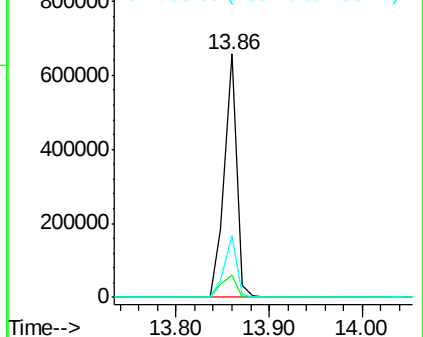
236 25.6 20.6 31.0



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: 66.26 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084711.D

Acq: 1 Feb 2016 16:06

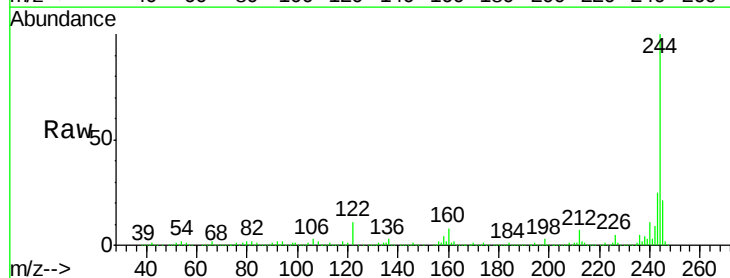
Tgt Ion:244 Resp: 1783530

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

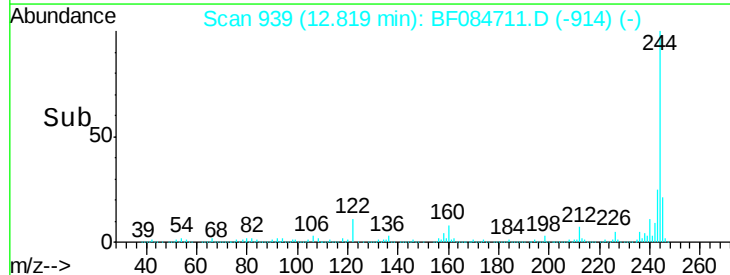
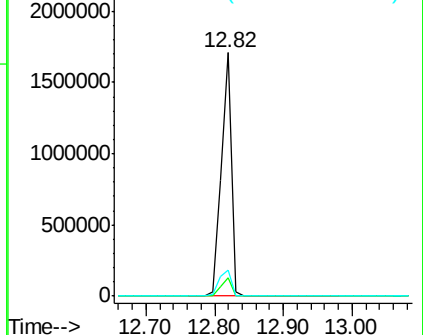
122 10.5 7.4 11.0

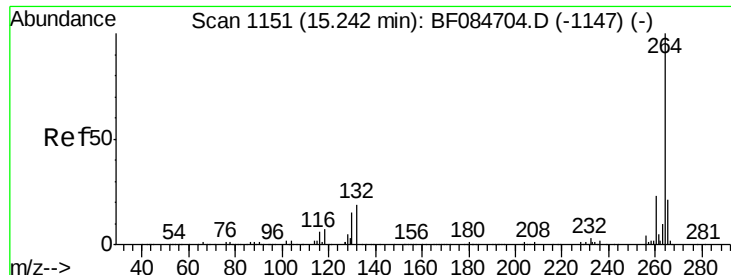


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

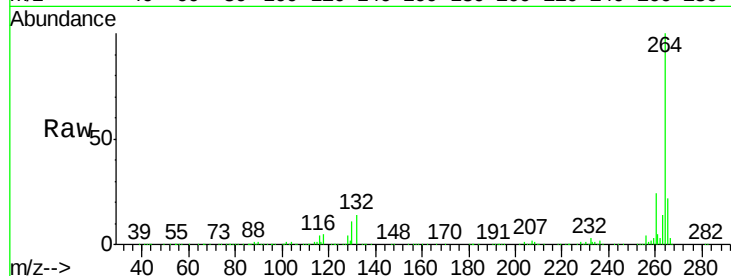




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084711.D
Acq: 1 Feb 2016 16:06

Instrument :
BNA_F
ClientSampleId :
PB88012BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.1	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

