

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084727.D
 Acq On : 1 Feb 2016 23:36
 Operator : SJ/IZ
 Sample : PB88098BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BL

Quant Time: Feb 02 03:35:30 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

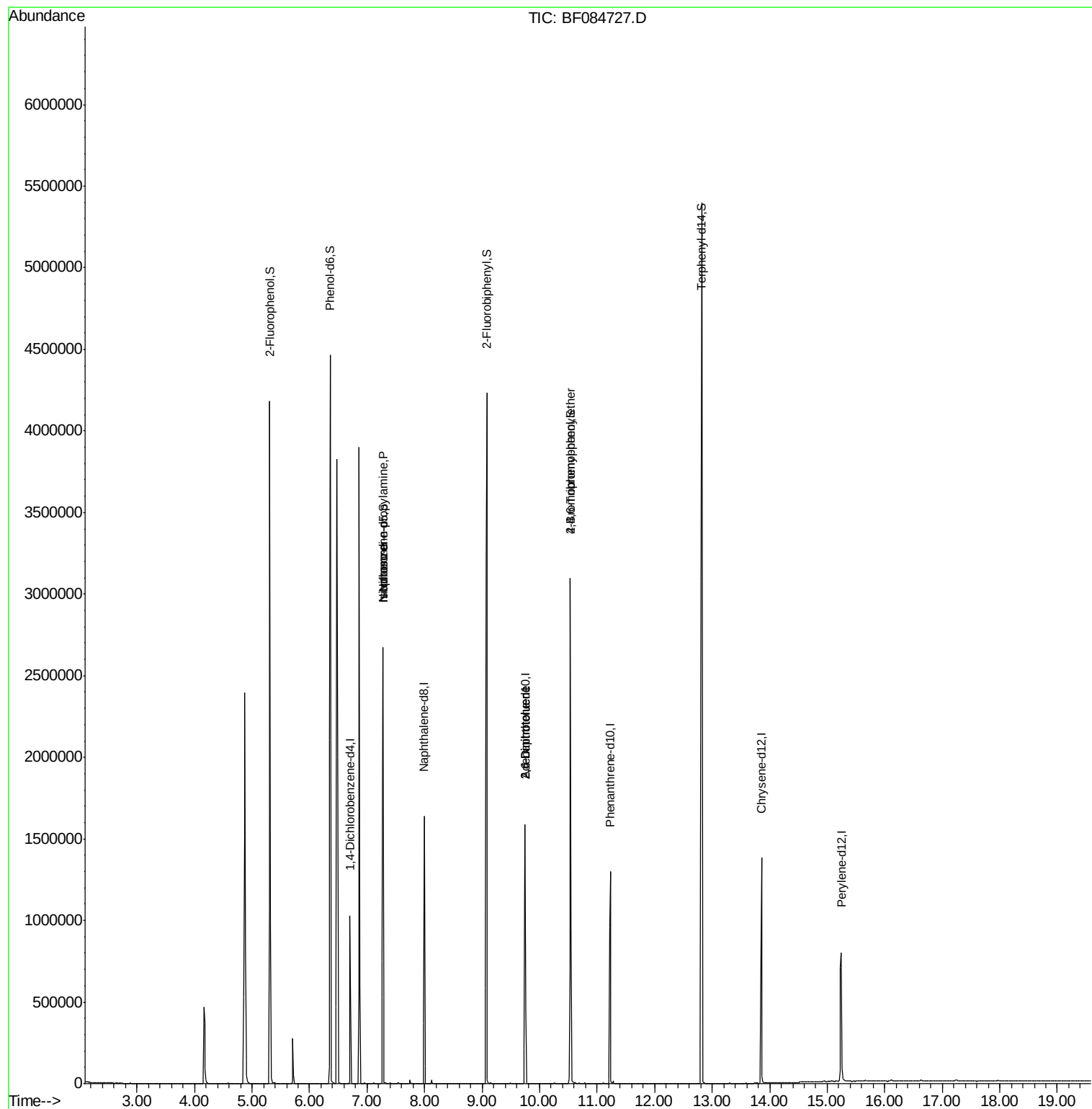
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	165956	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	728935	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	328871	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	640210	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	584106	20.00	ng	-0.01
86) Perylene-d12	15.24	264	439903	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1217599	114.28	ng	0.00
7) Phenol-d6	6.36	99	1586134	120.08	ng	-0.01
23) Nitrobenzene-d5	7.28	82	923327	71.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	426443	124.31	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1878635	103.96	ng	-0.01
78) Terphenyl-d14	12.82	244	1966520	76.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	124495	15.04	ng	# 72
25) Isophorone	7.28	82	747108	29.69	ng	# 66
50) 2,6-Dinitrotoluene	9.74	165	42199	7.71	ng	# 37
56) 2,4-Dinitrotoluene	9.74	165	42199	6.05	ng	# 21
66) 4-Bromophenyl-phenylether	10.53	248	24172	3.42	ng	# 1

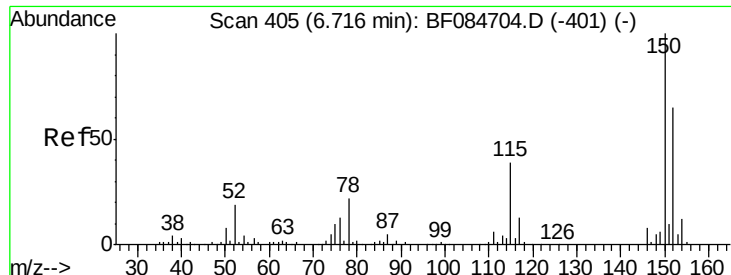
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084727.D

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BNA_F

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PB88098BL

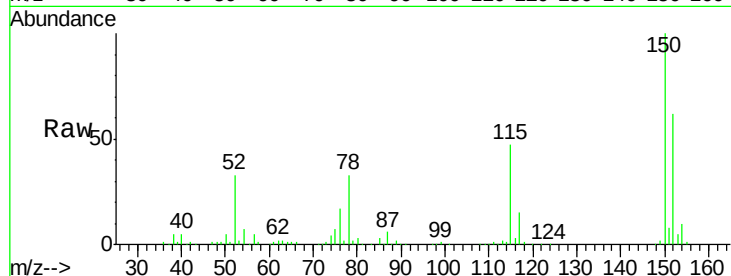
Tgt Ion:152 Resp: 165956

Ion Ratio Lower Upper

152 100

150 161.0 123.0 184.4

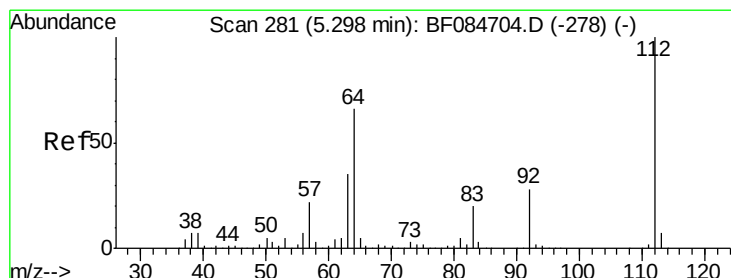
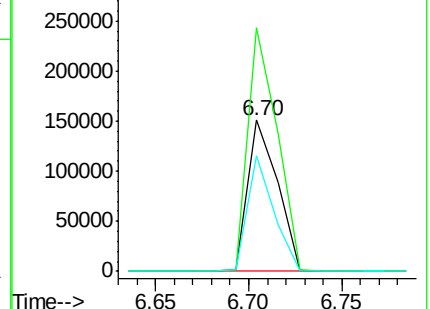
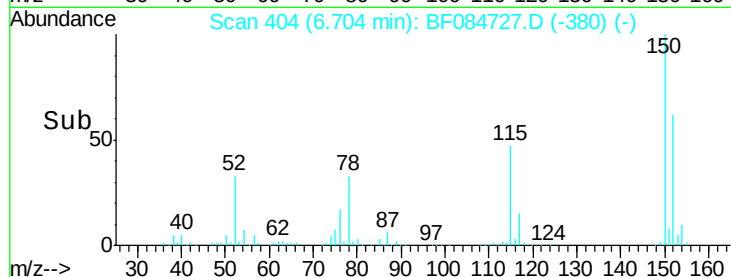
115 76.4 51.4 77.2



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: 114.28 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084727.D

Acq: 1 Feb 2016 23:36

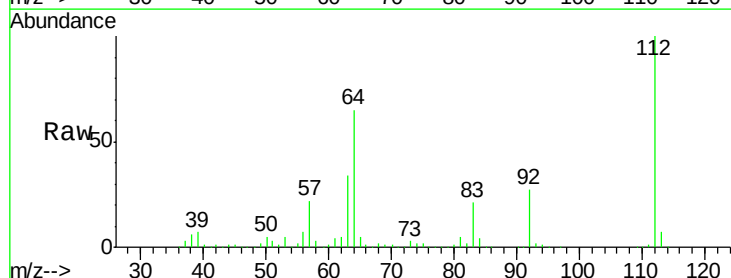
Tgt Ion:112 Resp: 1217599

Ion Ratio Lower Upper

112 100

64 64.9 36.6 55.0#

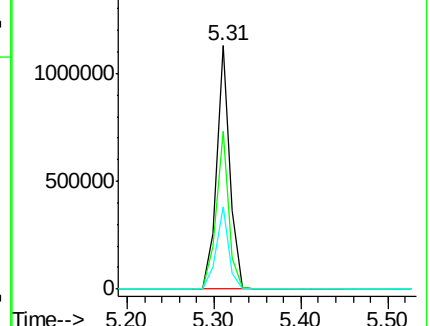
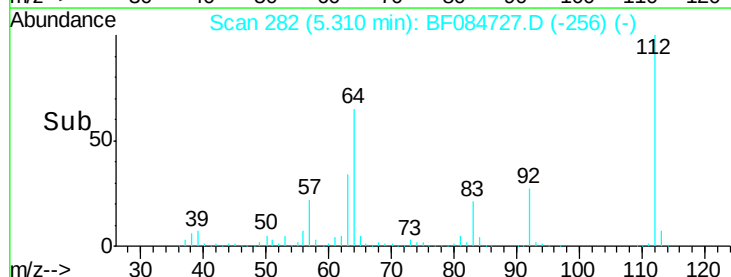
63 33.8 19.4 29.0#

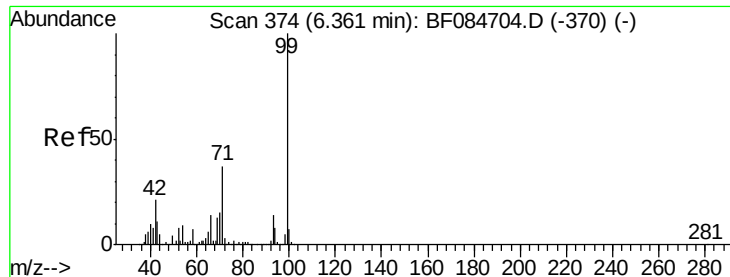


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.08 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084727.D

Acq: 1 Feb 2016 23:36

Instrument :

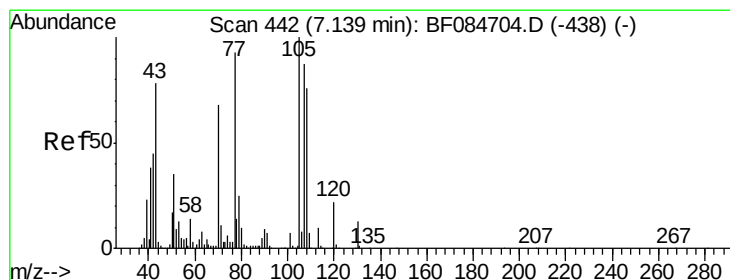
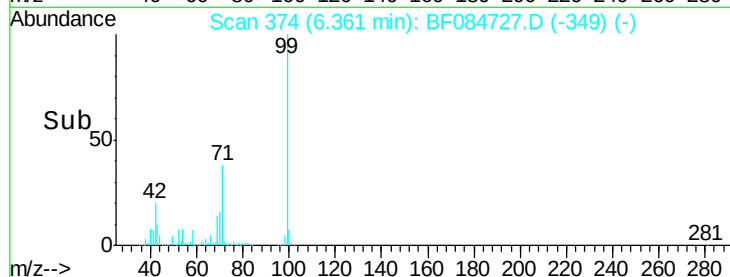
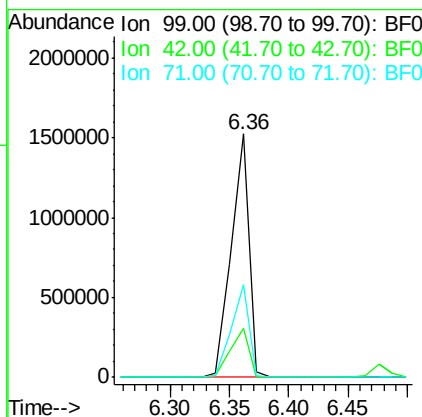
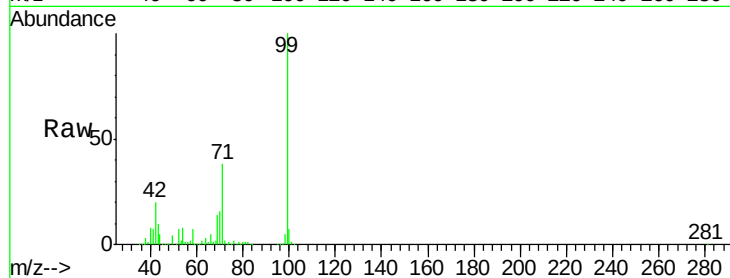
BNA_F

ClientSampleId :

PB88098BL

Tgt Ion: 99 Resp: 1586134

Ion	Ratio	Lower	Upper
99	100		
42	20.3	12.8	19.2#
71	37.8	30.9	46.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.04 ng

RT: 7.28 min Scan# 454

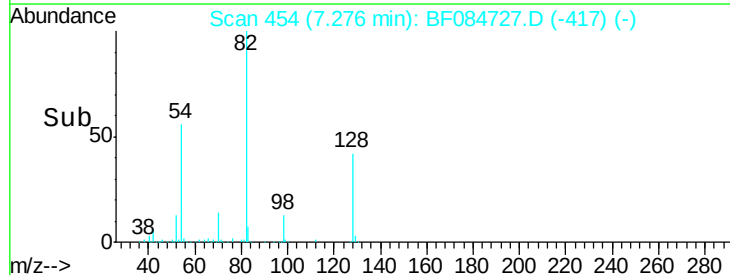
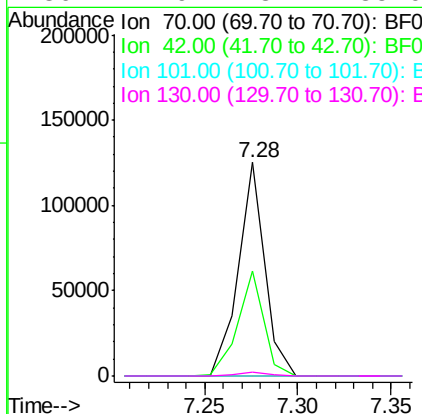
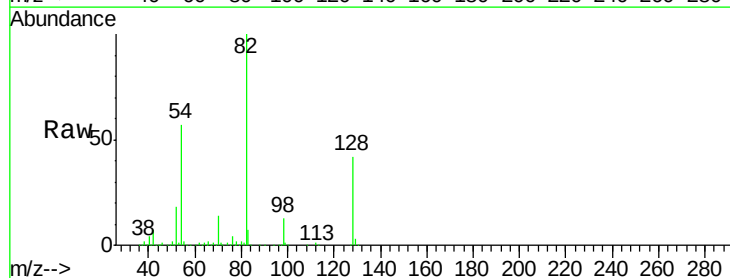
Delta R.T. 0.13 min

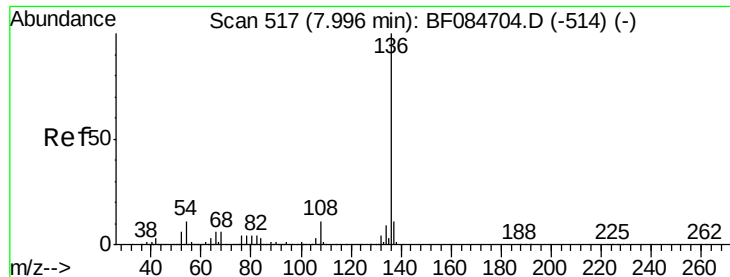
Lab File: BF084727.D

Acq: 1 Feb 2016 23:36

Tgt Ion: 70 Resp: 124495

Ion	Ratio	Lower	Upper
70	100		
42	49.3	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#

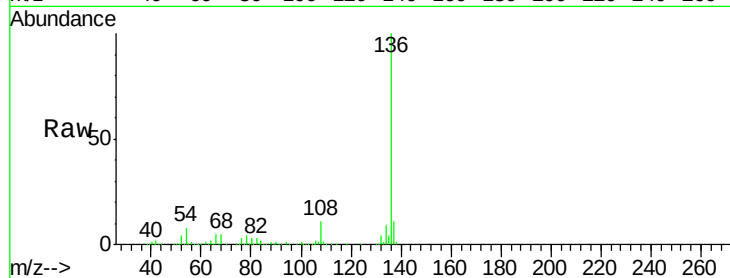




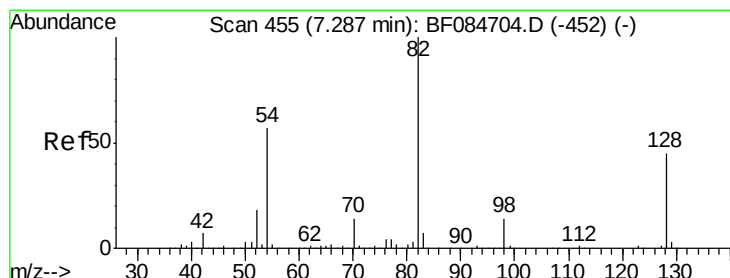
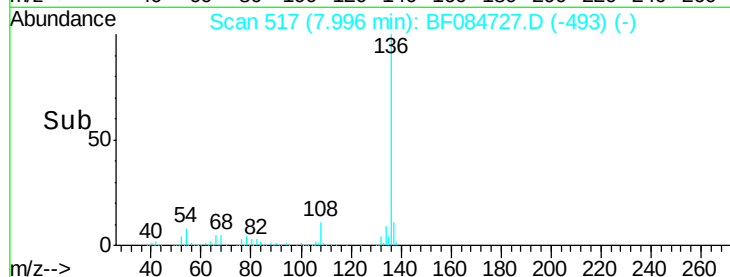
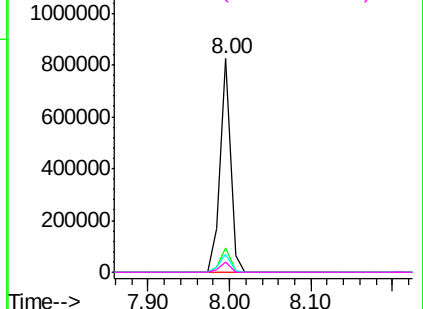
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084727.D
Acq: 1 Feb 2016 23:36

Instrument :
BNA_F
ClientSampleId :
PB88098BL

Tgt Ion:	136	Resp:	728935
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.2	5.8	8.8
68	4.8	4.2	6.2

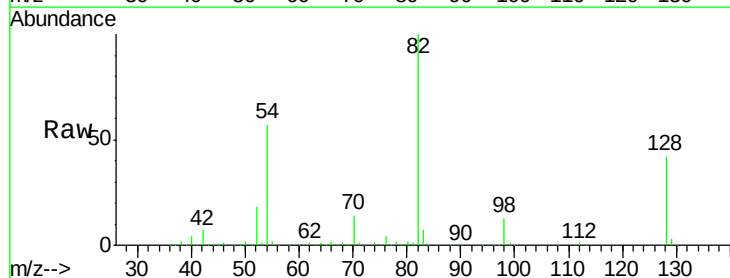


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

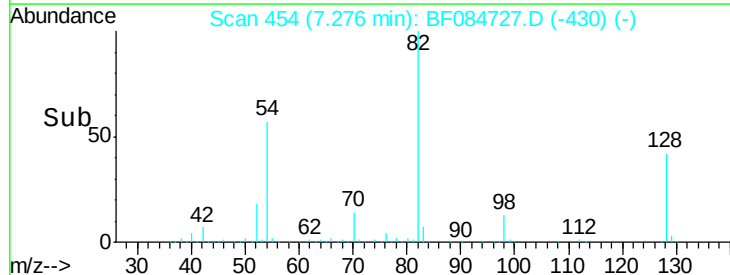
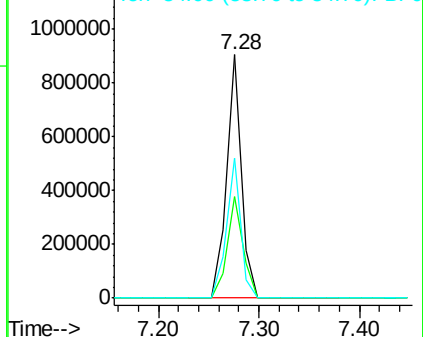


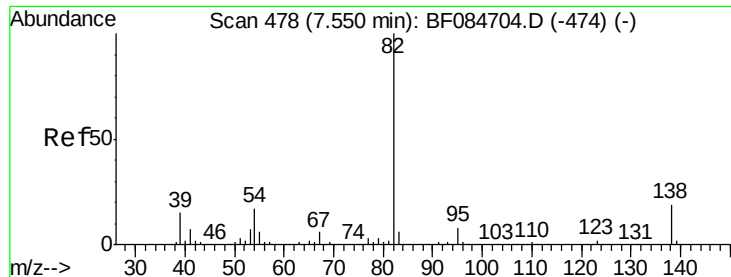
#23
Nitrobenzene-d5
Concen: 71.36 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084727.D
Acq: 1 Feb 2016 23:36

Tgt Ion:	82	Resp:	923327
Ion	Ratio	Lower	Upper
82	100		
128	41.5	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





#25

Isophorone

Concen: 29.69 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.29 min

Lab File: BF084727.D

Acq: 1 Feb 2016 23:36

Instrument :

BNA_F

ClientSampleId :

PB88098BL

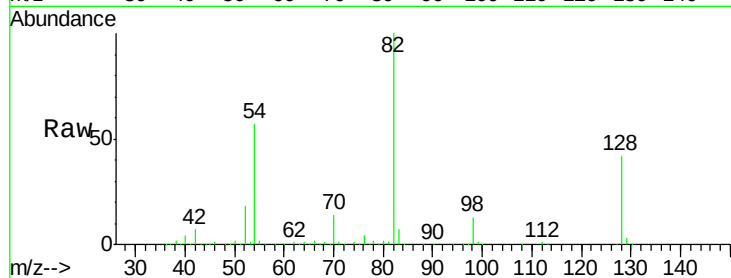
Tgt Ion: 82 Resp: 747108

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

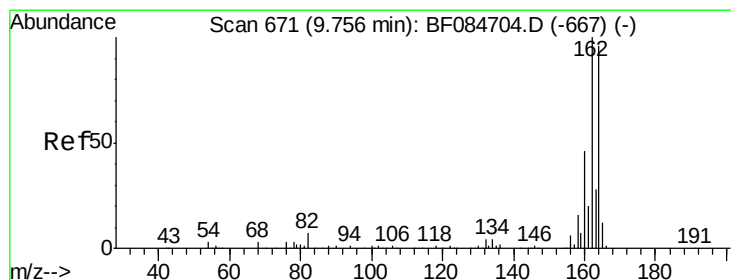
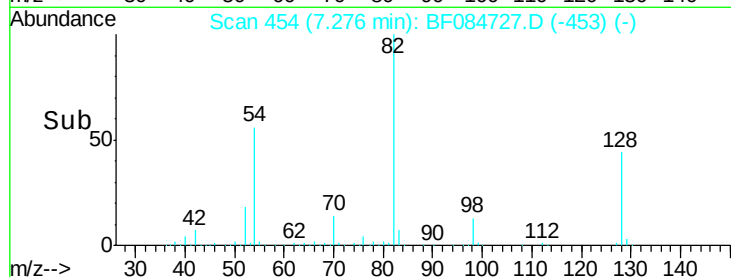
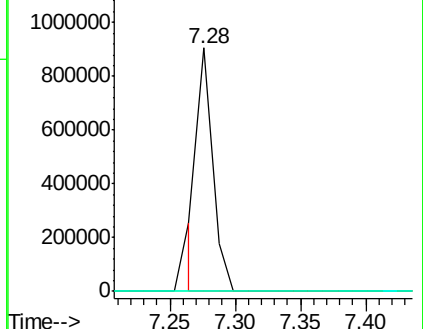
138 0.0 13.6 20.4#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084727.D

Acq: 1 Feb 2016 23:36

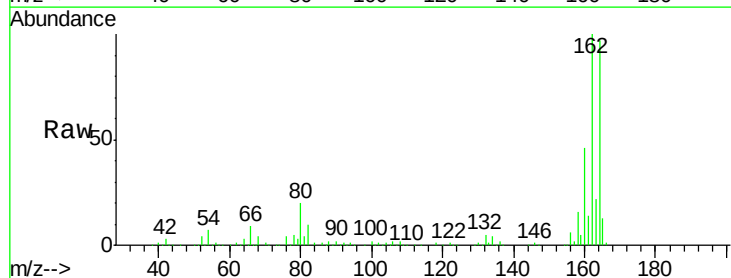
Tgt Ion: 164 Resp: 328871

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

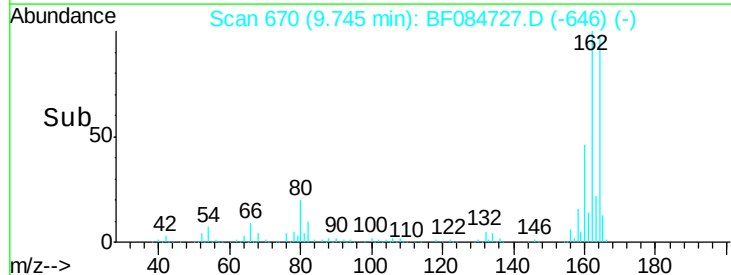
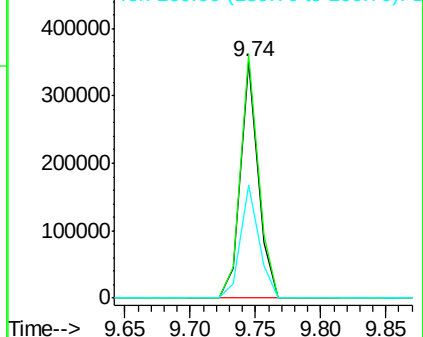
160 47.7 37.5 56.3

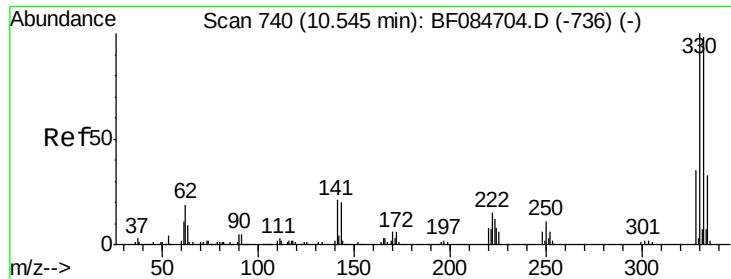


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

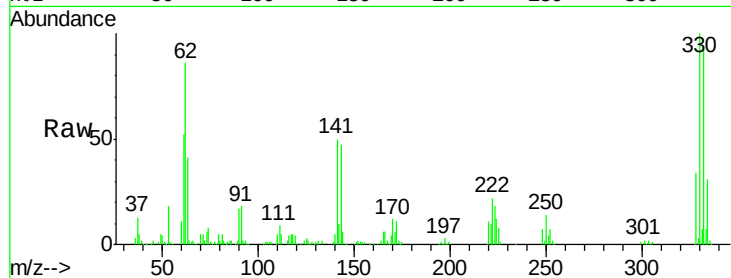




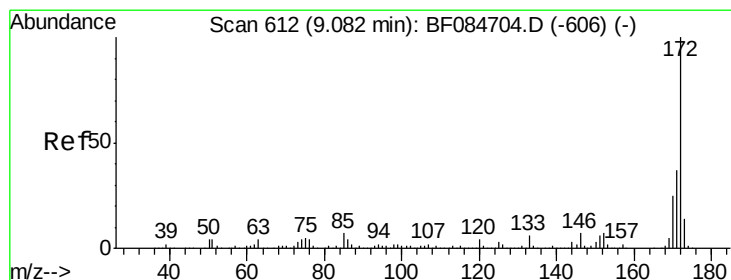
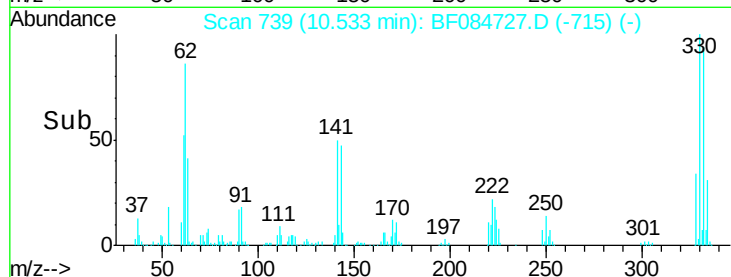
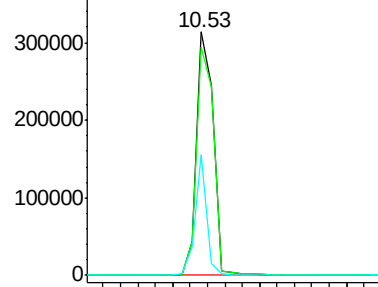
#41
 2,4,6-Tribromophenol
 Concen: 124.31 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084727.D
 Acq: 1 Feb 2016 23:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BL

Tgt Ion:330 Resp: 426443
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 34.5 27.8 41.6

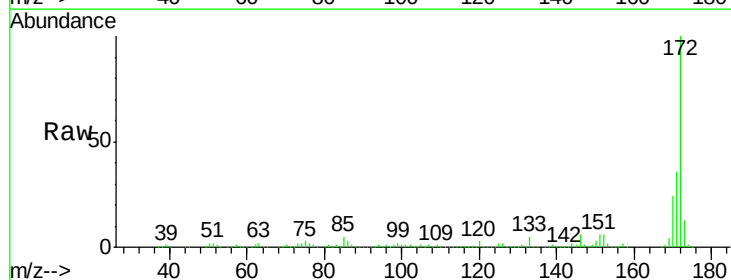


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

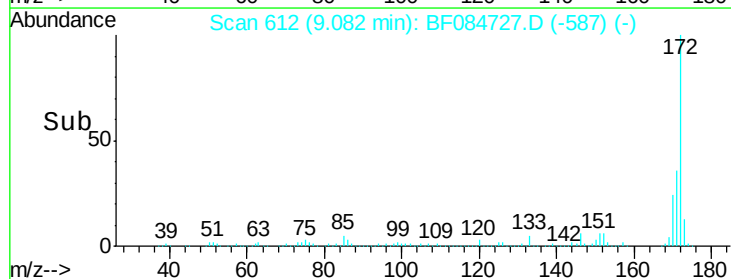
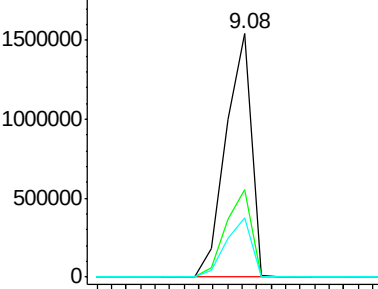


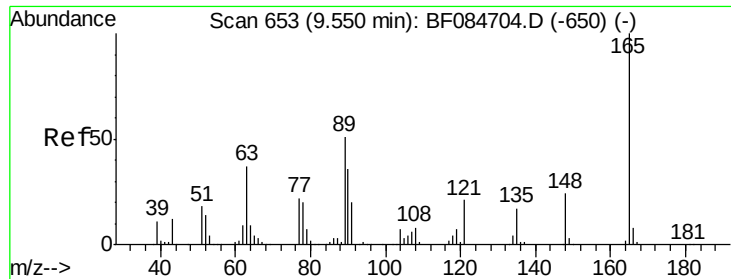
#44
 2-Fluorobiphenyl
 Concen: 103.96 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084727.D
 Acq: 1 Feb 2016 23:36

Tgt Ion:172 Resp: 1878635
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

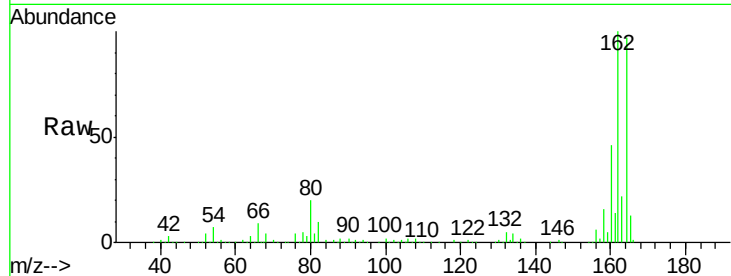




#50
 2,6-Dinitrotoluene
 Concen: 7.71 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.18 min
 Lab File: BF084727.D
 Acq: 1 Feb 2016 23:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88098BL

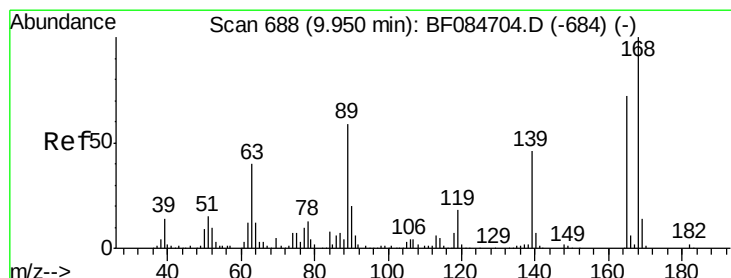
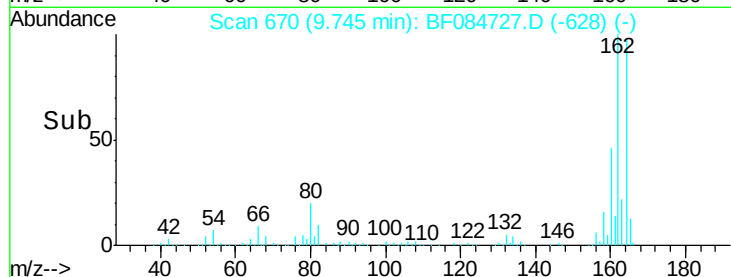
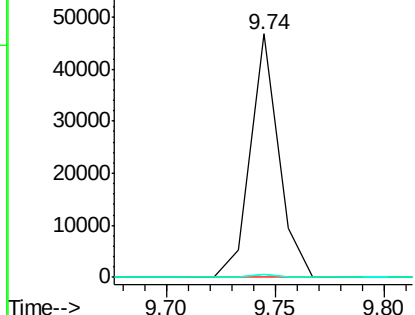
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.8	43.2#
89	1.1	35.1	52.7#



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: 6.05 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.22 min
 Lab File: BF084727.D
 Acq: 1 Feb 2016 23:36

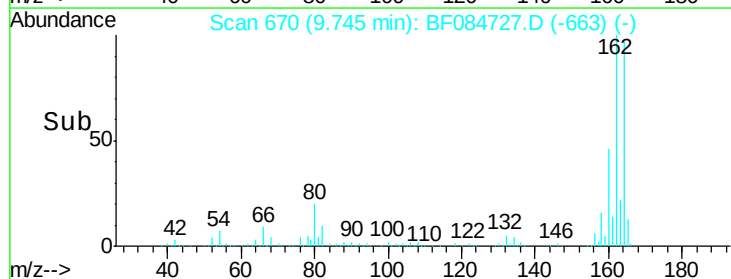
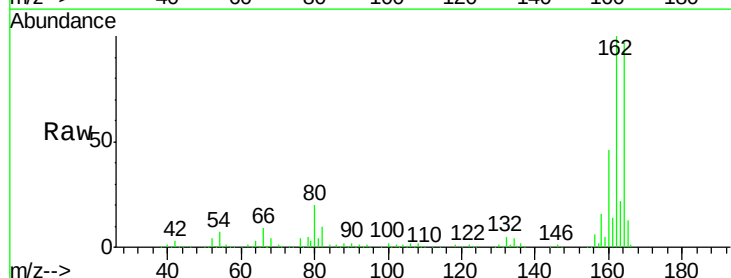
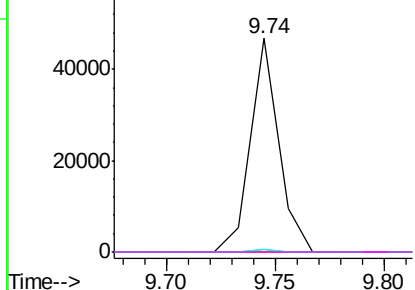
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.1	61.9	92.9#
182	0.0	2.0	3.0#

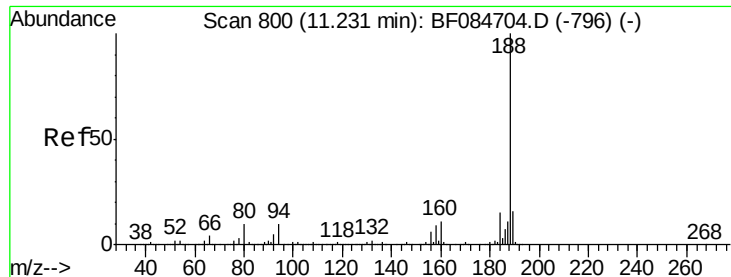
Abundance Ion 165.00 (164.70 to 165.70): E

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

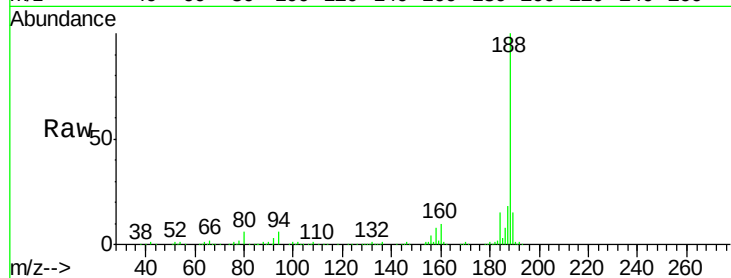




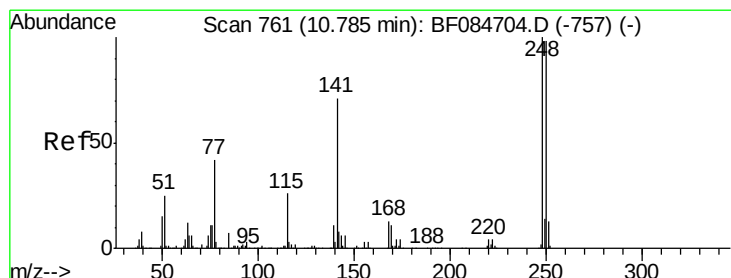
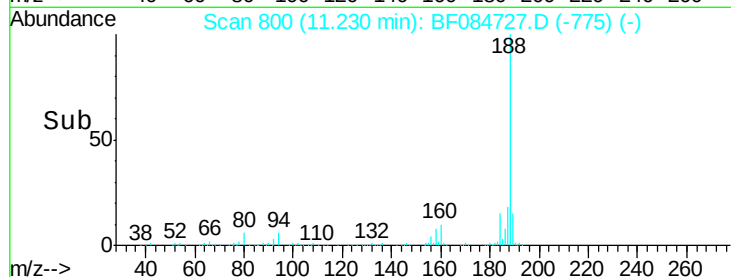
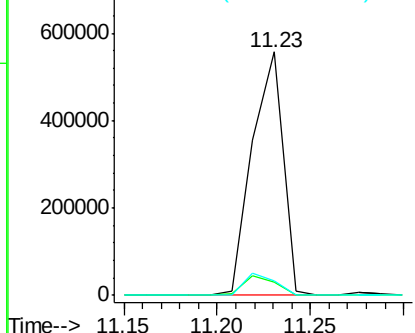
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084727.D
Acq: 1 Feb 2016 23:36

Instrument :
BNA_F
ClientSampleId :
PB88098BL

Tgt Ion:188 Resp: 640210
Ion Ratio Lower Upper
188 100
94 5.5 9.0 13.4#
80 6.2 9.6 14.4#

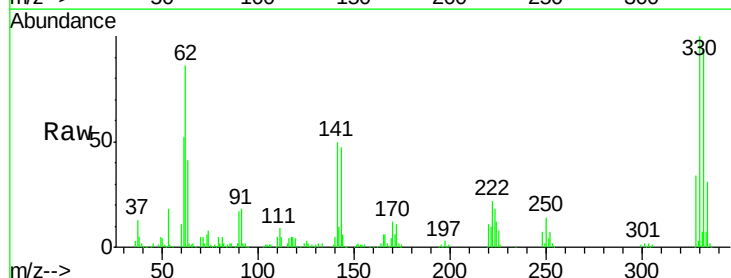


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

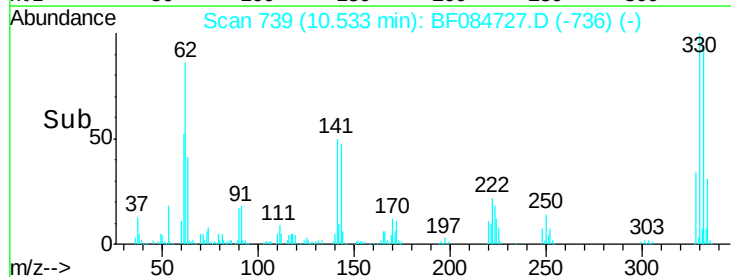
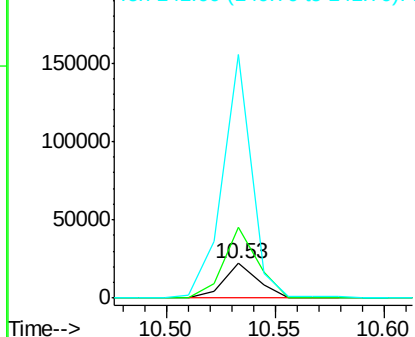


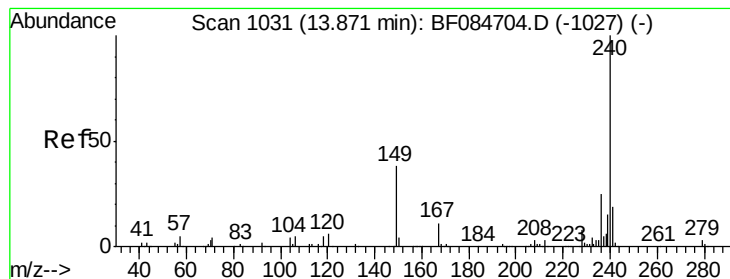
#66
4-Bromophenyl-phenylether
Concen: 3.42 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.26 min
Lab File: BF084727.D
Acq: 1 Feb 2016 23:36

Tgt Ion:248 Resp: 24172
Ion Ratio Lower Upper
248 100
250 202.8 78.4 117.6#
141 697.7 44.0 66.0#



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: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084727.D

Acq: 1 Feb 2016 23:36

Instrument :

BNA_F

ClientSampleId :

PB88098BL

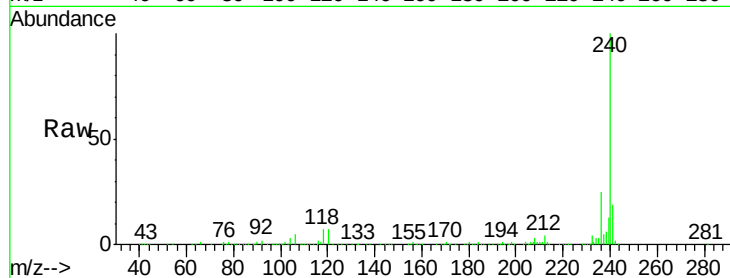
Tgt Ion:240 Resp: 584106

Ion Ratio Lower Upper

240 100

120 7.5 9.5 14.3#

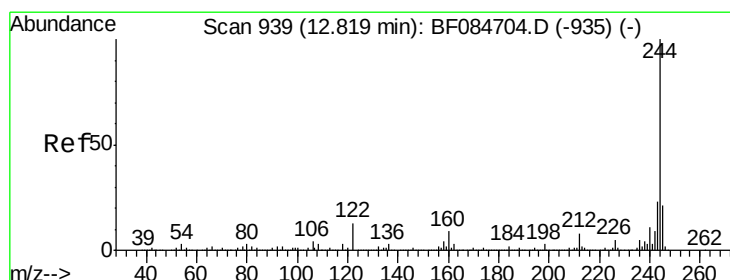
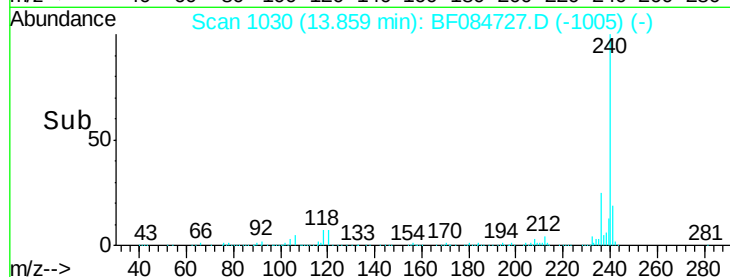
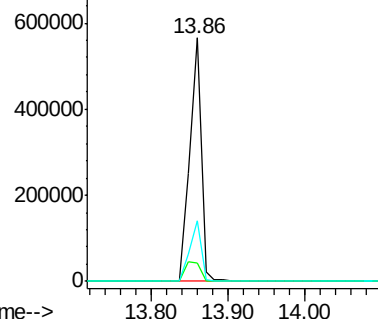
236 25.1 20.6 31.0



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: 76.29 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084727.D

Acq: 1 Feb 2016 23:36

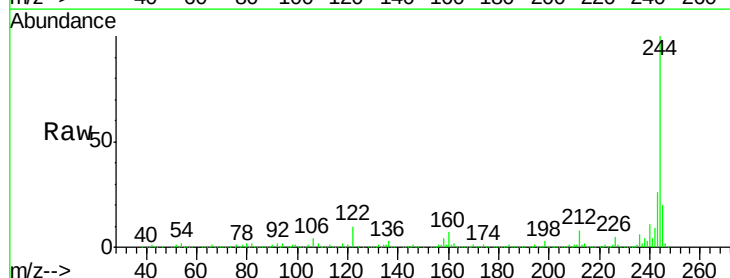
Tgt Ion:244 Resp: 1966520

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

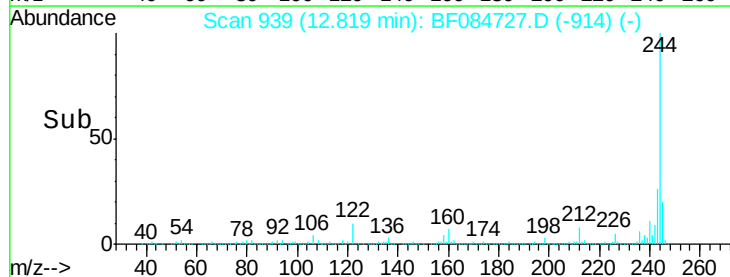
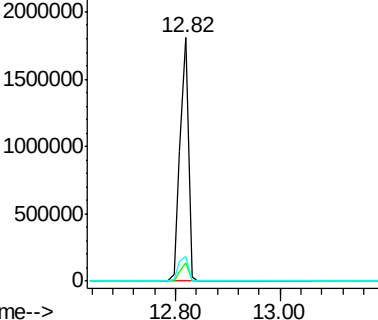
122 10.3 7.4 11.0

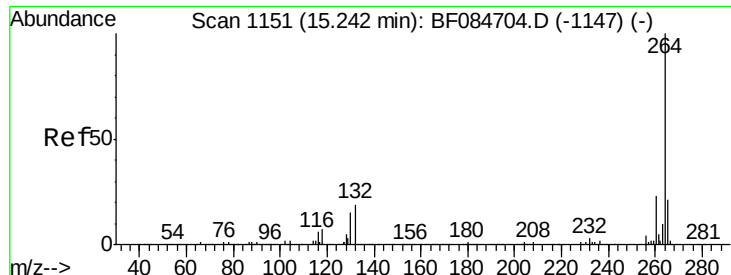


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

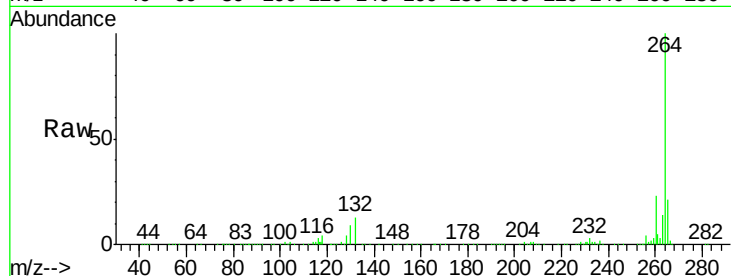




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084727.D
Acq: 1 Feb 2016 23:36

Instrument :
BNA_F
ClientSampleId :
PB88098BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.1	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

