

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084731.D
 Acq On : 2 Feb 2016 1:27
 Operator : SJ/IZ
 Sample : H1294-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP002

Quant Time: Feb 02 03:36:39 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

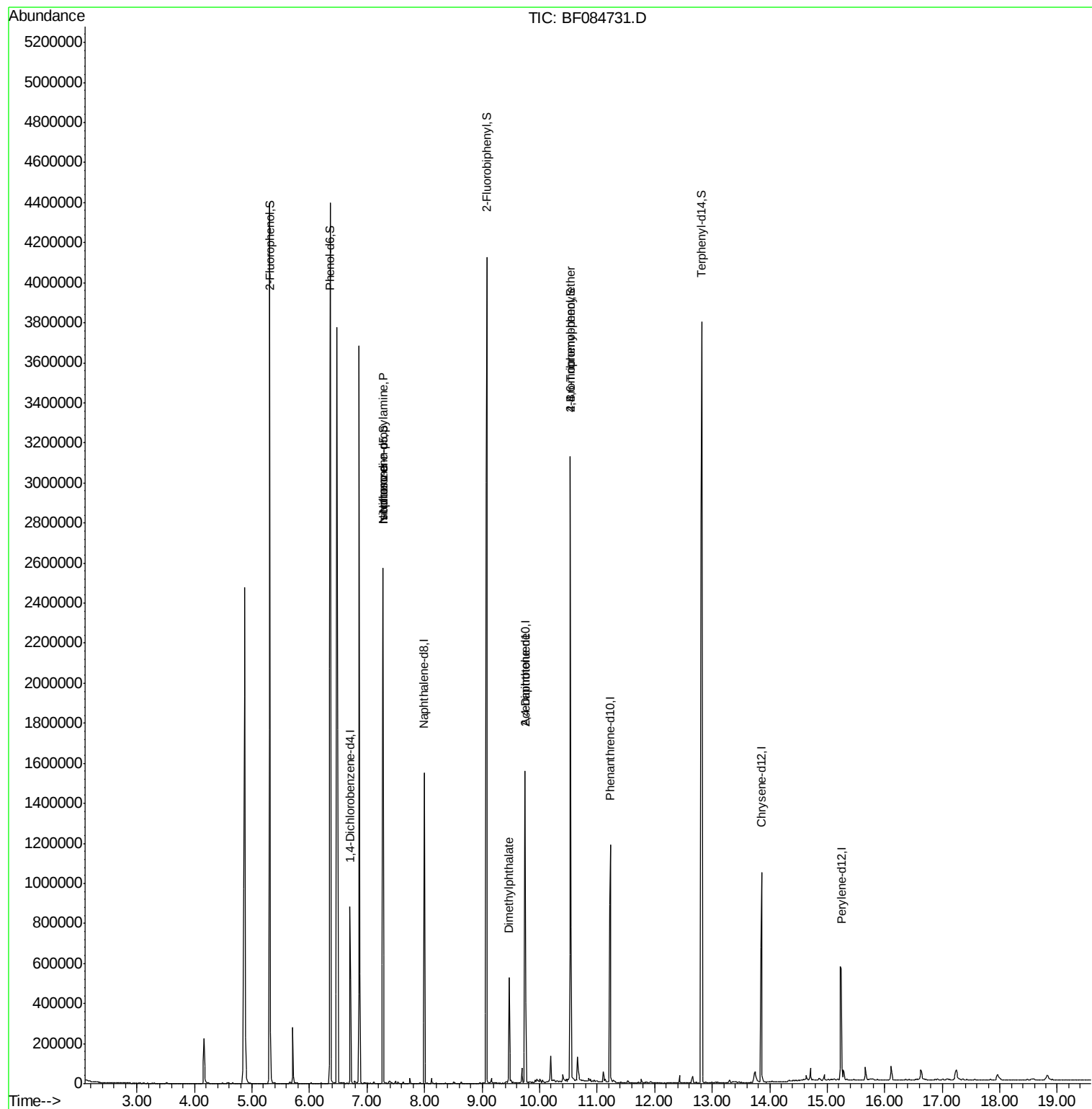
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	157629	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	668841	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	303524	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	587725	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	465749	20.00	ng	-0.01
86) Perylene-d12	15.24	264	328479	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1227291	121.27	ng	0.00
7) Phenol-d6	6.36	99	1569235	125.08	ng	-0.01
23) Nitrobenzene-d5	7.28	82	881565	74.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	388449	122.69	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1742390	104.88	ng	-0.01
78) Terphenyl-d14	12.82	244	1587293	77.23	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	118097	15.02	ng	# 70
25) Isophorone	7.28	82	743195	32.19	ng	# 66
49) Dimethylphthalate	9.47	163	206617	8.94	ng	# 89
56) 2,4-Dinitrotoluene	9.74	165	40087	6.22	ng	# 22
66) 4-Bromophenyl-phenylether	10.53	248	23128	3.56	ng	# 1

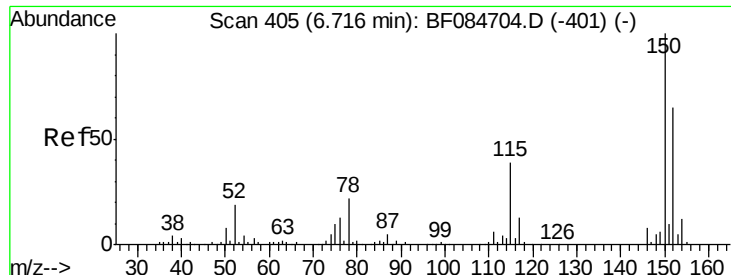
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
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QLast Update : Mon Feb 01 14:55:11 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

Instrument :

BNA_F

ClientSampled :

EP002

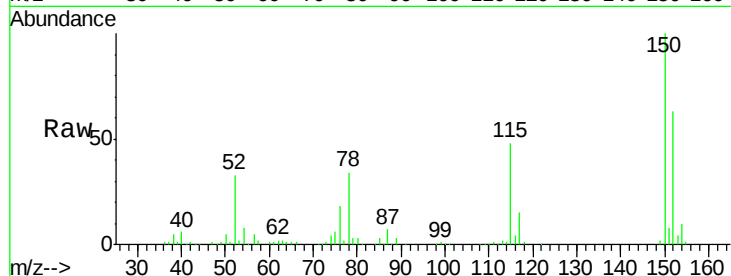
Tgt Ion:152 Resp: 157629

Ion Ratio Lower Upper

152 100

150 159.6 123.0 184.4

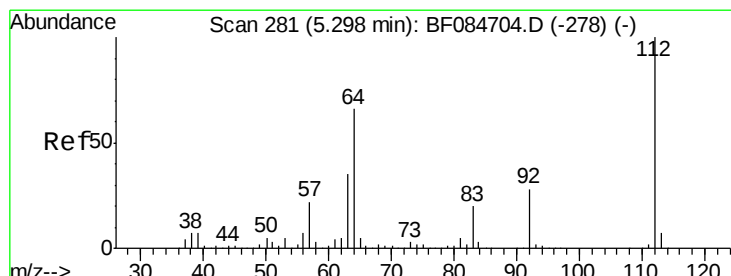
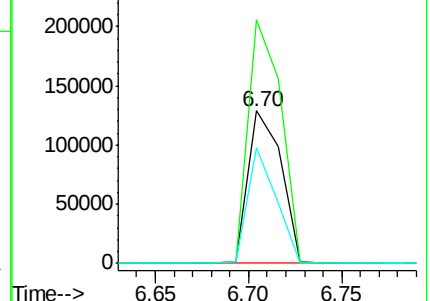
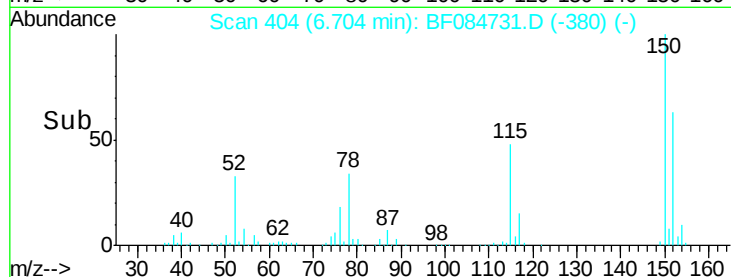
115 76.2 51.4 77.2



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: 121.27 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

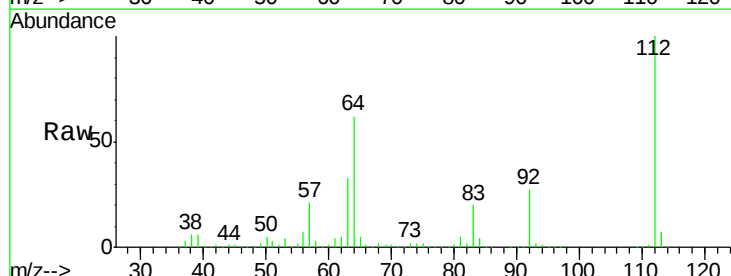
Tgt Ion:112 Resp: 1227291

Ion Ratio Lower Upper

112 100

64 61.6 36.6 55.0#

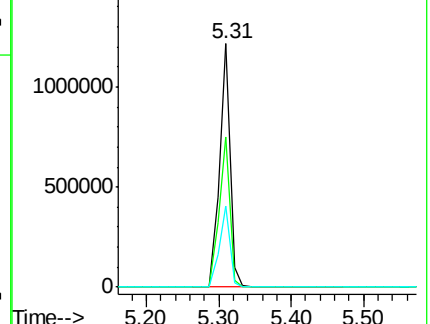
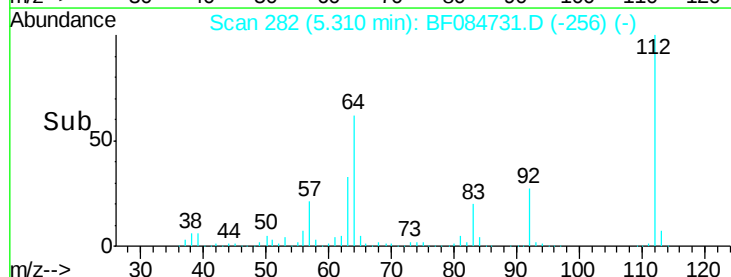
63 33.4 19.4 29.0#

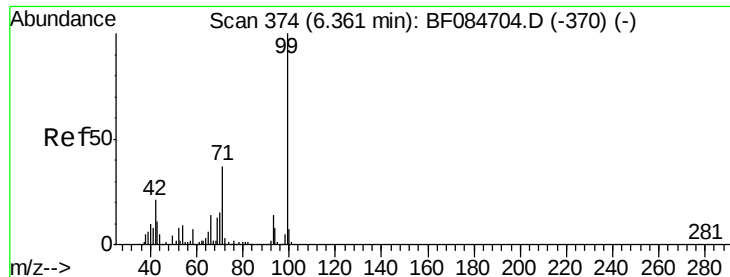


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.08 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

Instrument :

BNA_F

ClientSampleId :

EP002

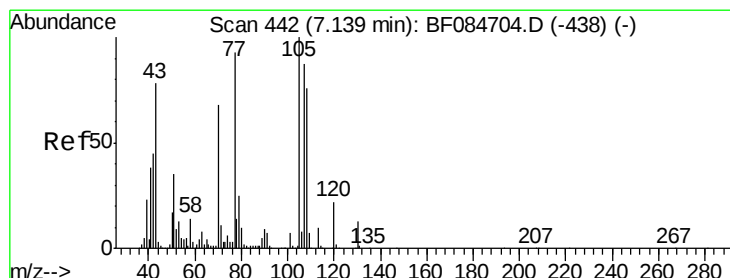
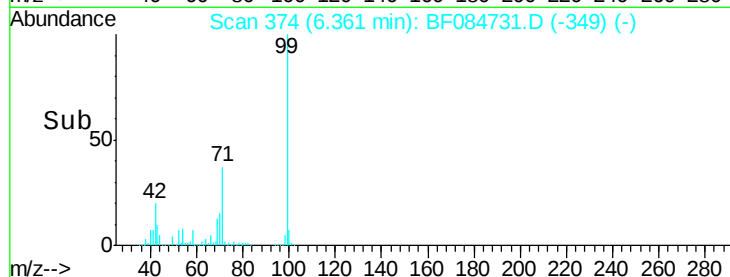
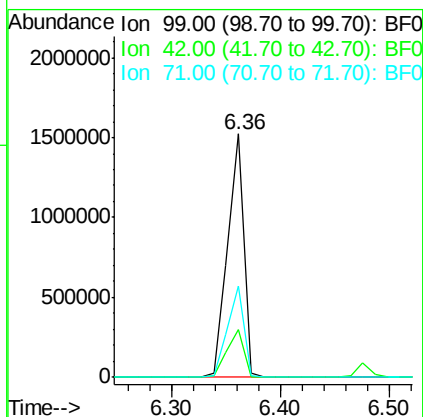
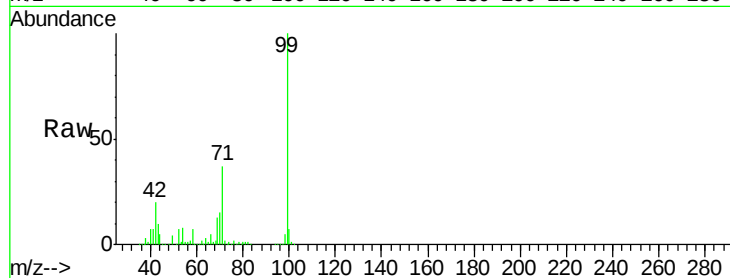
Tgt Ion: 99 Resp: 1569235

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: 15.02 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

Tgt Ion: 70 Resp: 118097

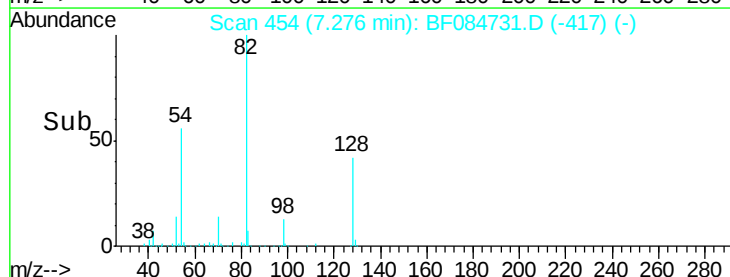
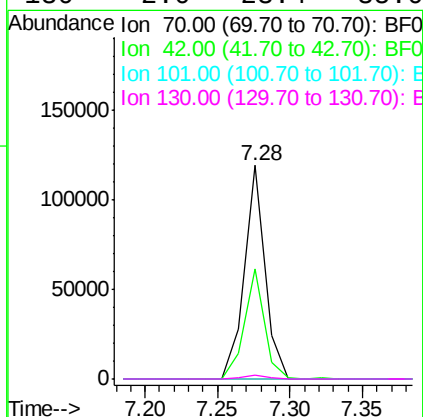
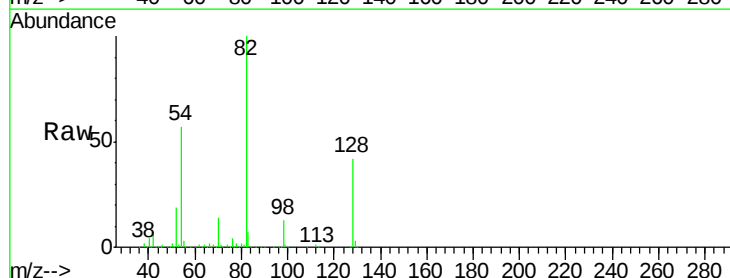
Ion Ratio Lower Upper

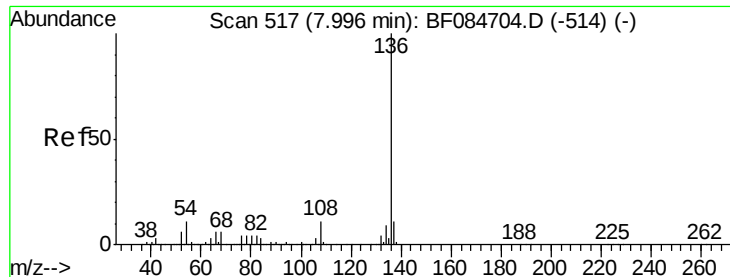
70 100

42 51.8 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

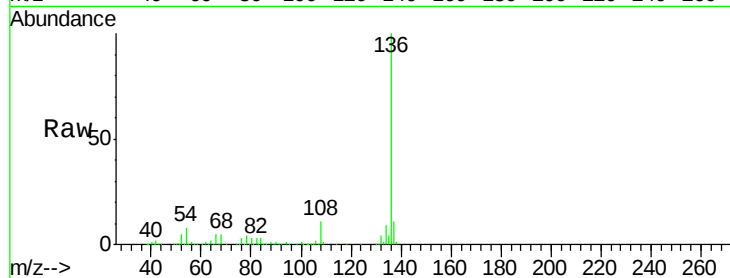




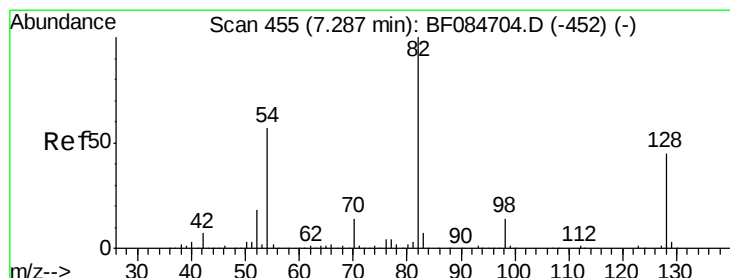
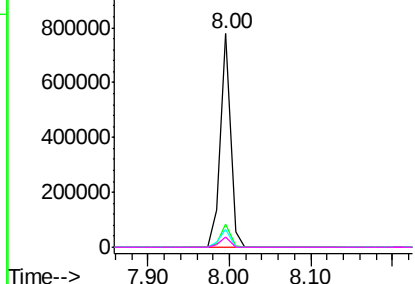
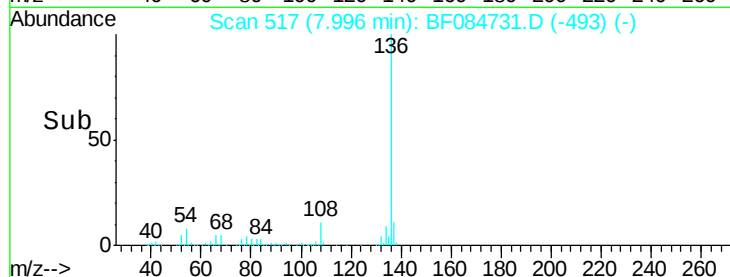
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084731.D
Acq: 2 Feb 2016 1:27

Instrument :
BNA_F
ClientSampleId :
EP002

Tgt Ion:	136	Resp:	668841
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.3	5.8	8.8
68	4.6	4.2	6.2

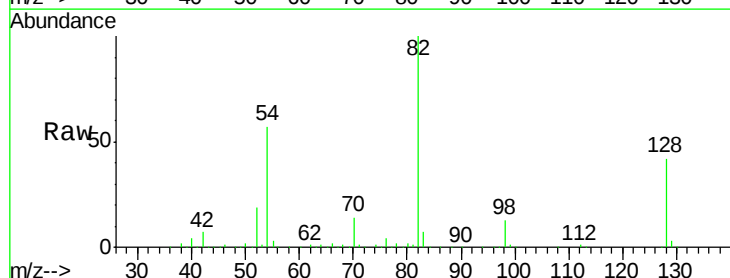


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

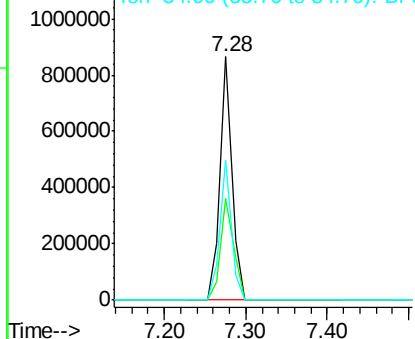
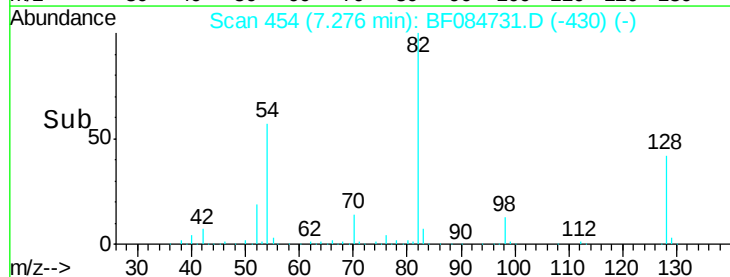


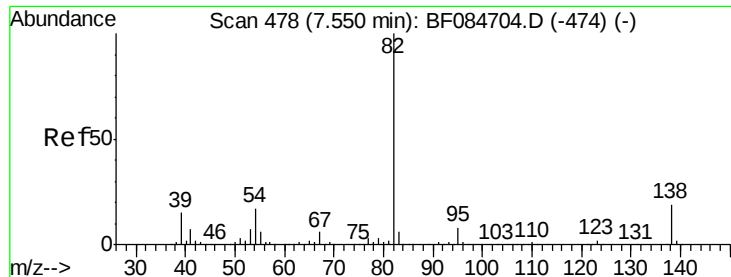
#23
Nitrobenzene-d5
Concen: 74.25 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084731.D
Acq: 2 Feb 2016 1:27

Tgt Ion:	82	Resp:	881565
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	57.5	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: 32.19 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.29 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

Instrument :

BNA_F

ClientSampled :

EP002

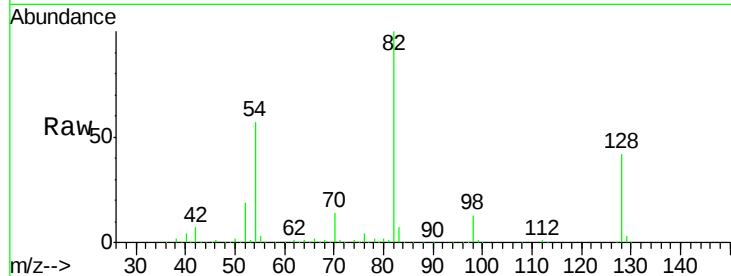
Tgt Ion: 82 Resp: 743195

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

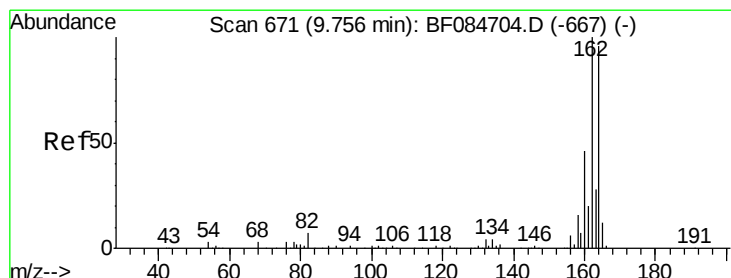
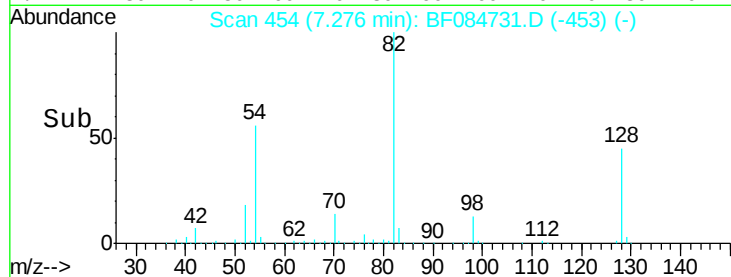
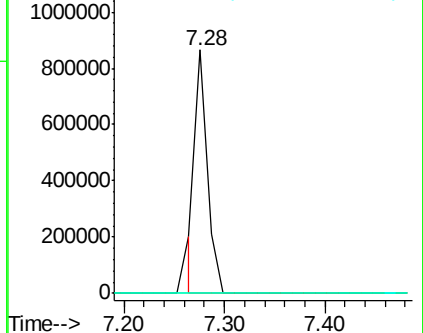
138 0.0 13.6 20.4#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

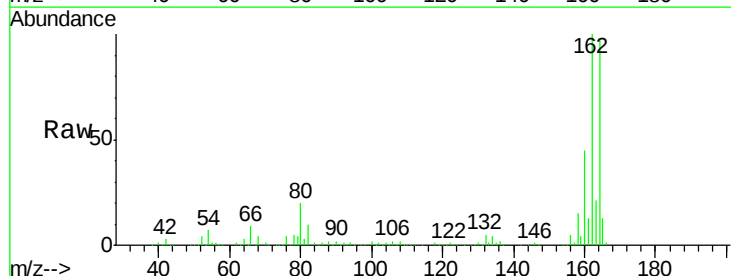
Tgt Ion: 164 Resp: 303524

Ion Ratio Lower Upper

164 100

162 102.8 85.1 127.7

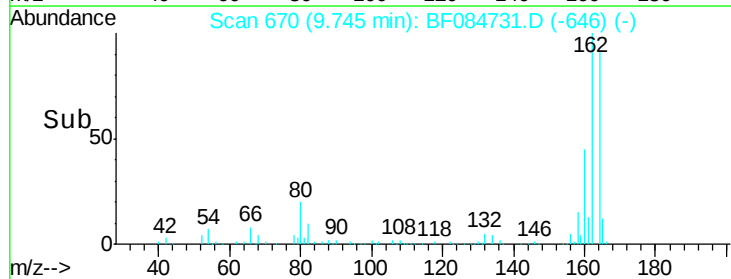
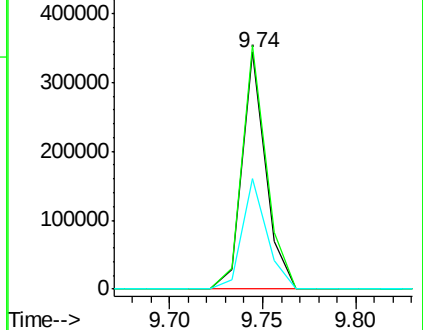
160 46.5 37.5 56.3

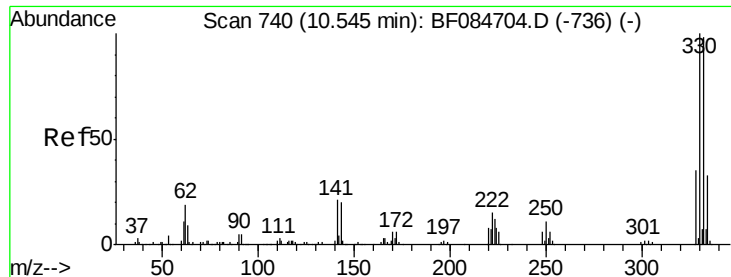


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

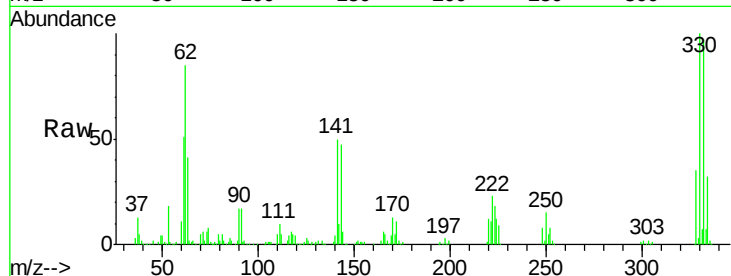




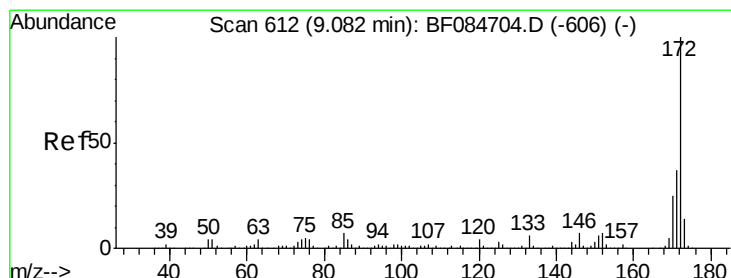
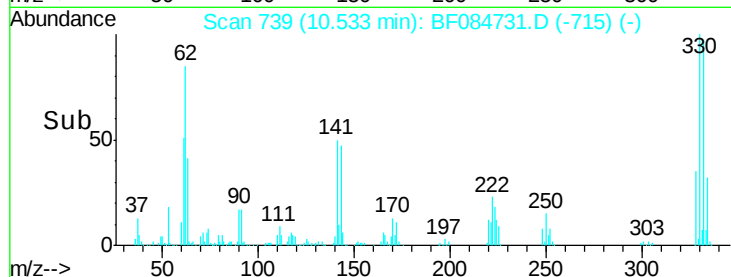
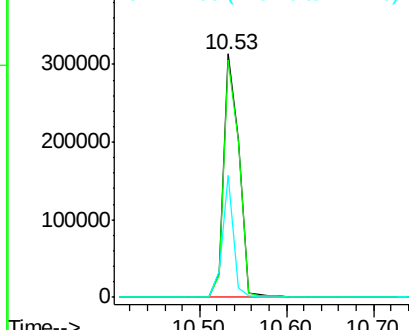
#41
 2,4,6-Tribromophenol
 Concen: 122.69 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084731.D
 Acq: 2 Feb 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 EP002

Tgt Ion:330 Resp: 388449
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 36.8 27.8 41.6

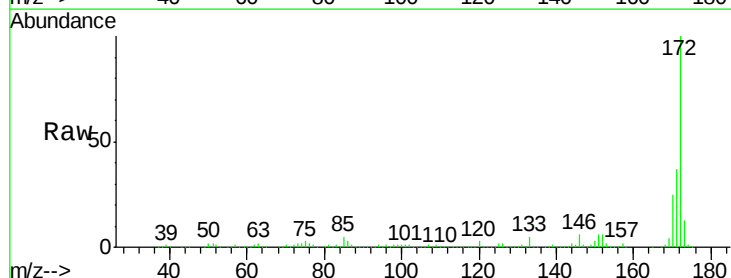


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

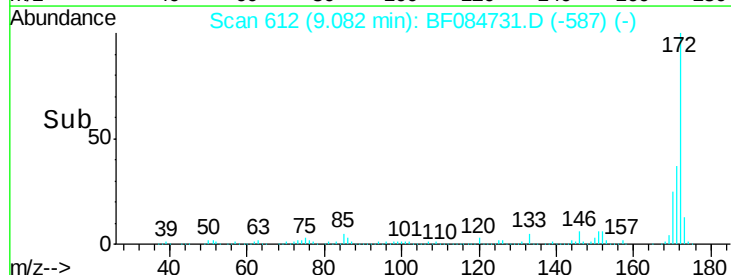
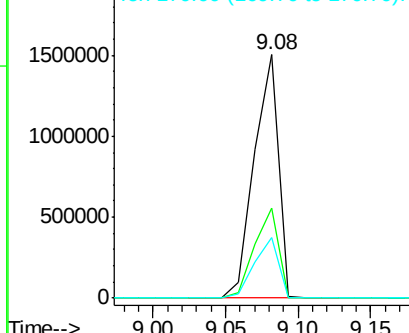


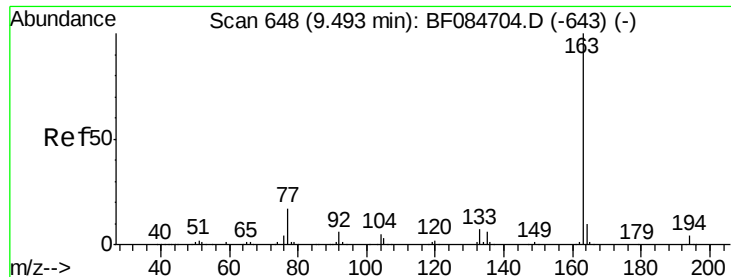
#44
 2-Fluorobiphenyl
 Concen: 104.88 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084731.D
 Acq: 2 Feb 2016 1:27

Tgt Ion:172 Resp: 1742390
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.9 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

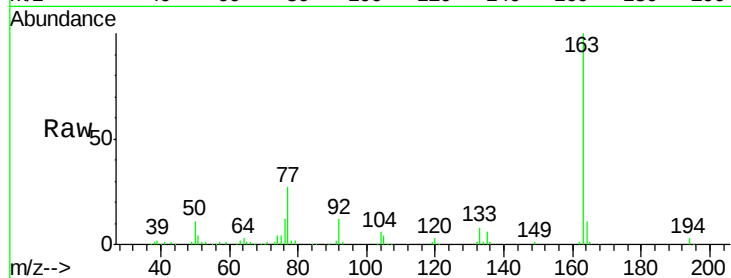




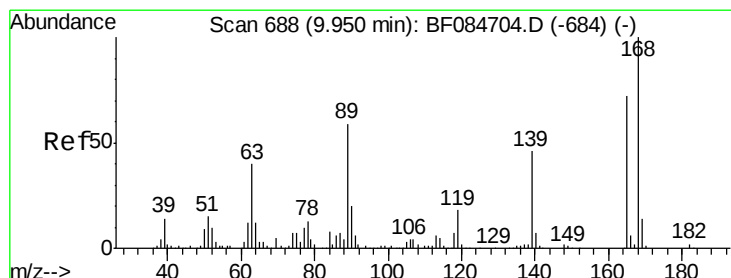
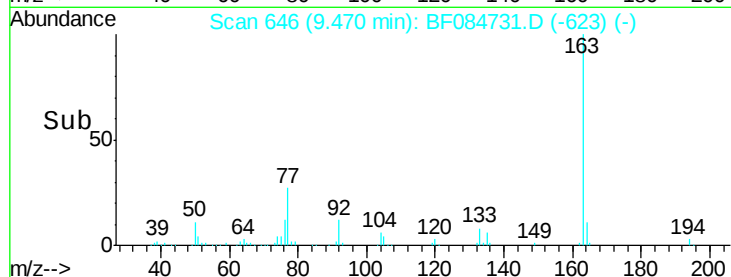
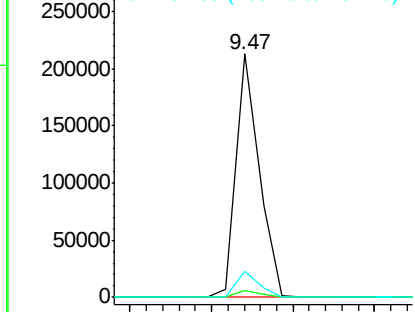
#49
Dimethylphthalate
Concen: 8.94 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF084731.D
Acq: 2 Feb 2016 1:27

Instrument :
BNA_F
ClientSampled :
EP002

Tgt Ion:163 Resp: 206617
Ion Ratio Lower Upper
163 100
194 2.8 8.0 12.0#
164 10.6 8.0 12.0

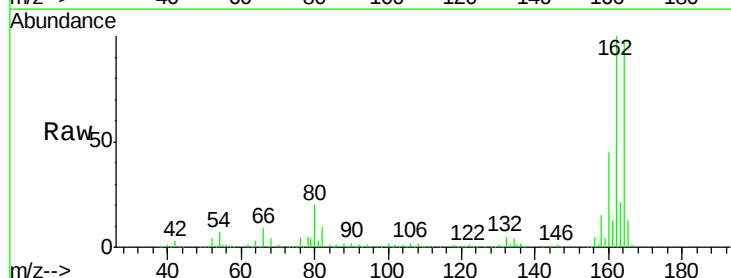


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

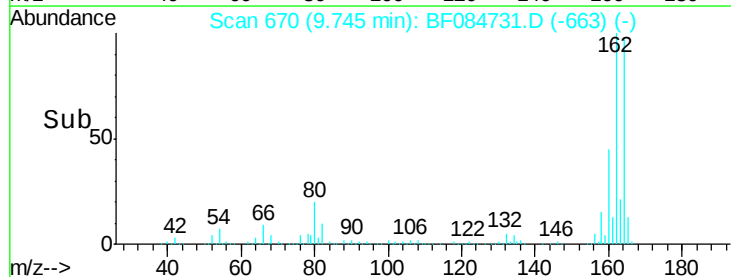
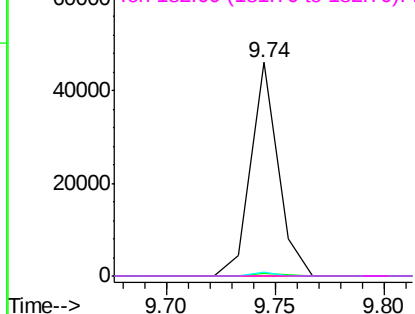


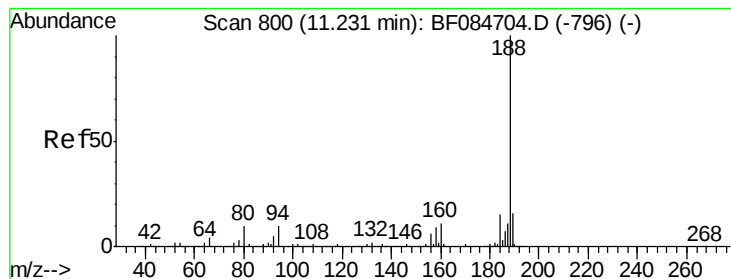
#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.22 min
Lab File: BF084731.D
Acq: 2 Feb 2016 1:27

Tgt Ion:165 Resp: 40087
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.8 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: BF084731.D

Acq: 2 Feb 2016 1:27

Instrument :

BNA_F

ClientSampleId :

EP002

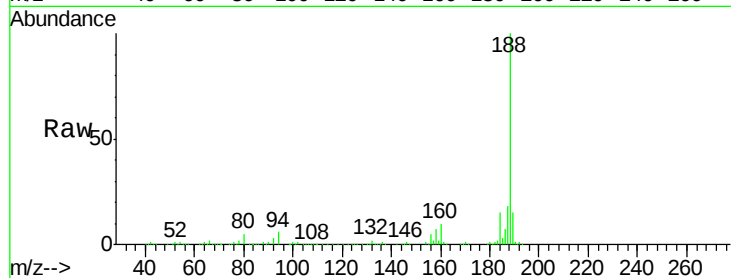
Tgt Ion:188 Resp: 587725

Ion Ratio Lower Upper

188 100

94 5.5 9.0 13.4#

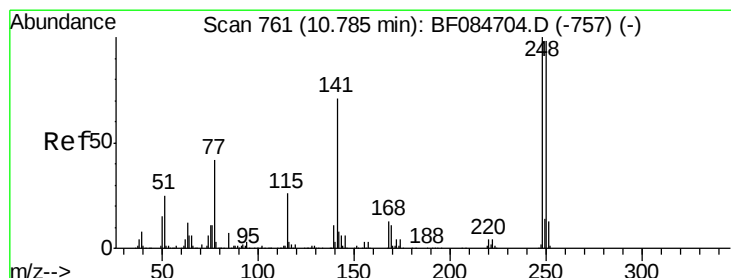
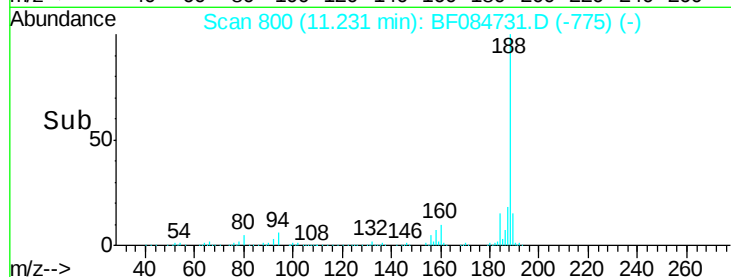
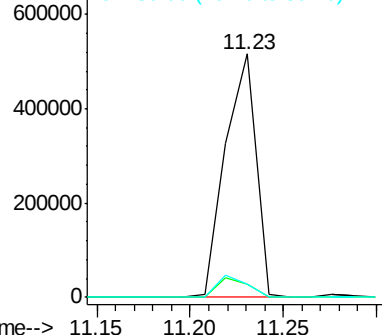
80 5.5 9.6 14.4#



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: 3.56 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.26 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

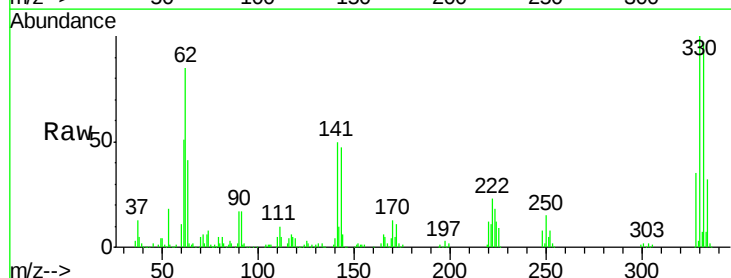
Tgt Ion:248 Resp: 23128

Ion Ratio Lower Upper

248 100

250 197.4 78.4 117.6#

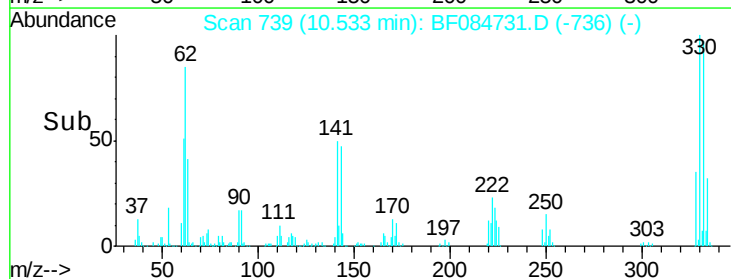
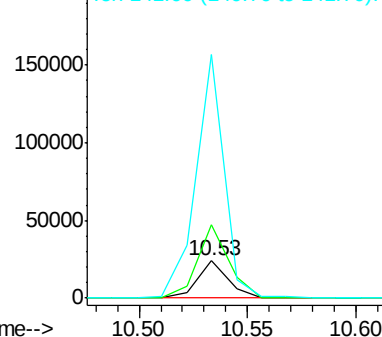
141 656.6 44.0 66.0#

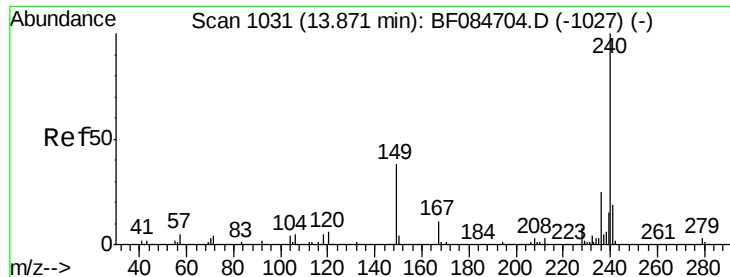


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084731.D

Acq: 2 Feb 2016 1:27

Instrument :

BNA_F

ClientSampleId :

EP002

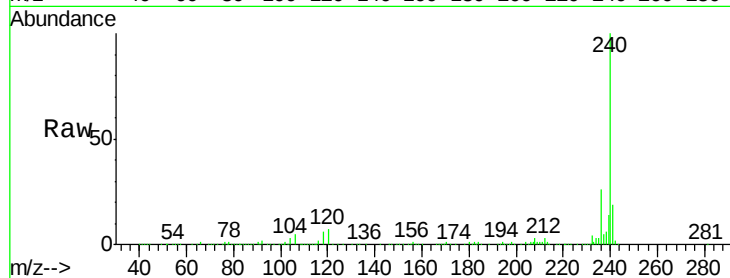
Tgt Ion:240 Resp: 465749

Ion Ratio Lower Upper

240 100

120 6.6 9.5 14.3#

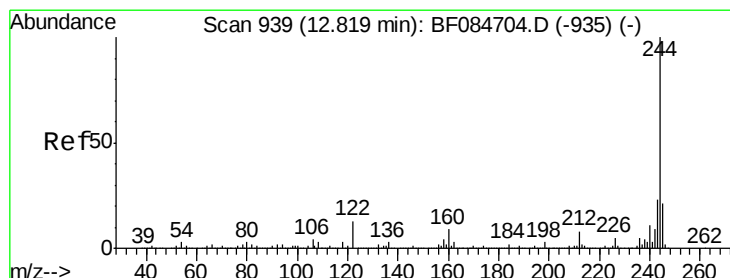
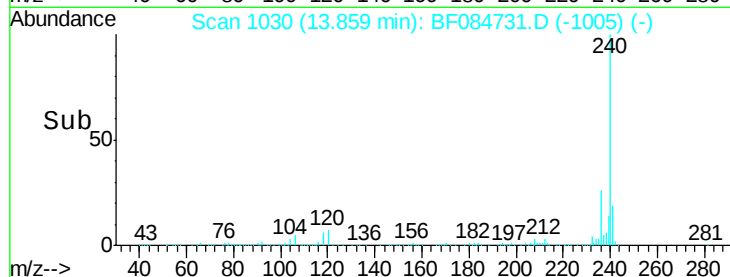
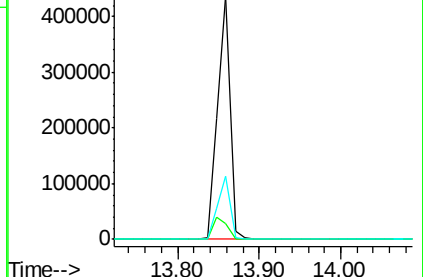
236 25.8 20.6 31.0



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: 77.23 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084731.D

Acq: 2 Feb 2016 1:27

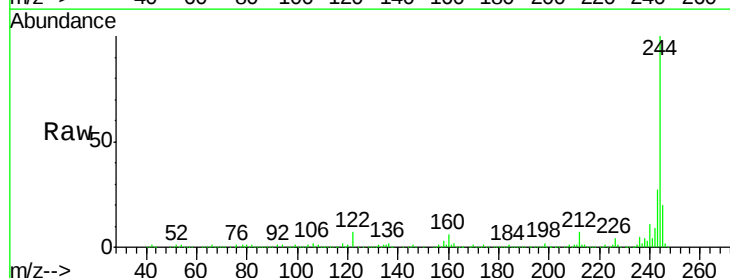
Tgt Ion:244 Resp: 1587293

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

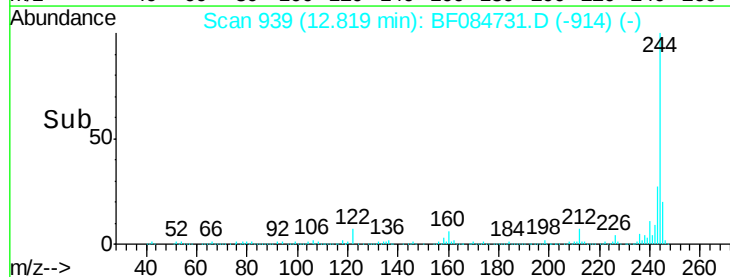
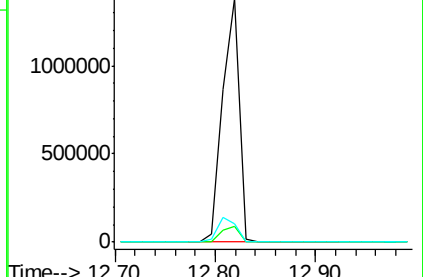
122 7.3 7.4 11.0#

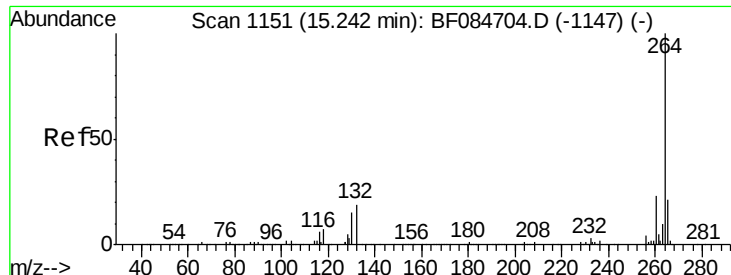


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084731.D
Acq: 2 Feb 2016 1:27

Instrument :
BNA_F
ClientSampleId :
EP002

Tgt Ion: 264 Resp: 328479

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.9	17.8	26.6

