

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084947.D
 Acq On : 9 Feb 2016 12:58
 Operator : SJ/IZ
 Sample : H1377-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB01-1-2

Quant Time: Feb 10 03:20:49 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

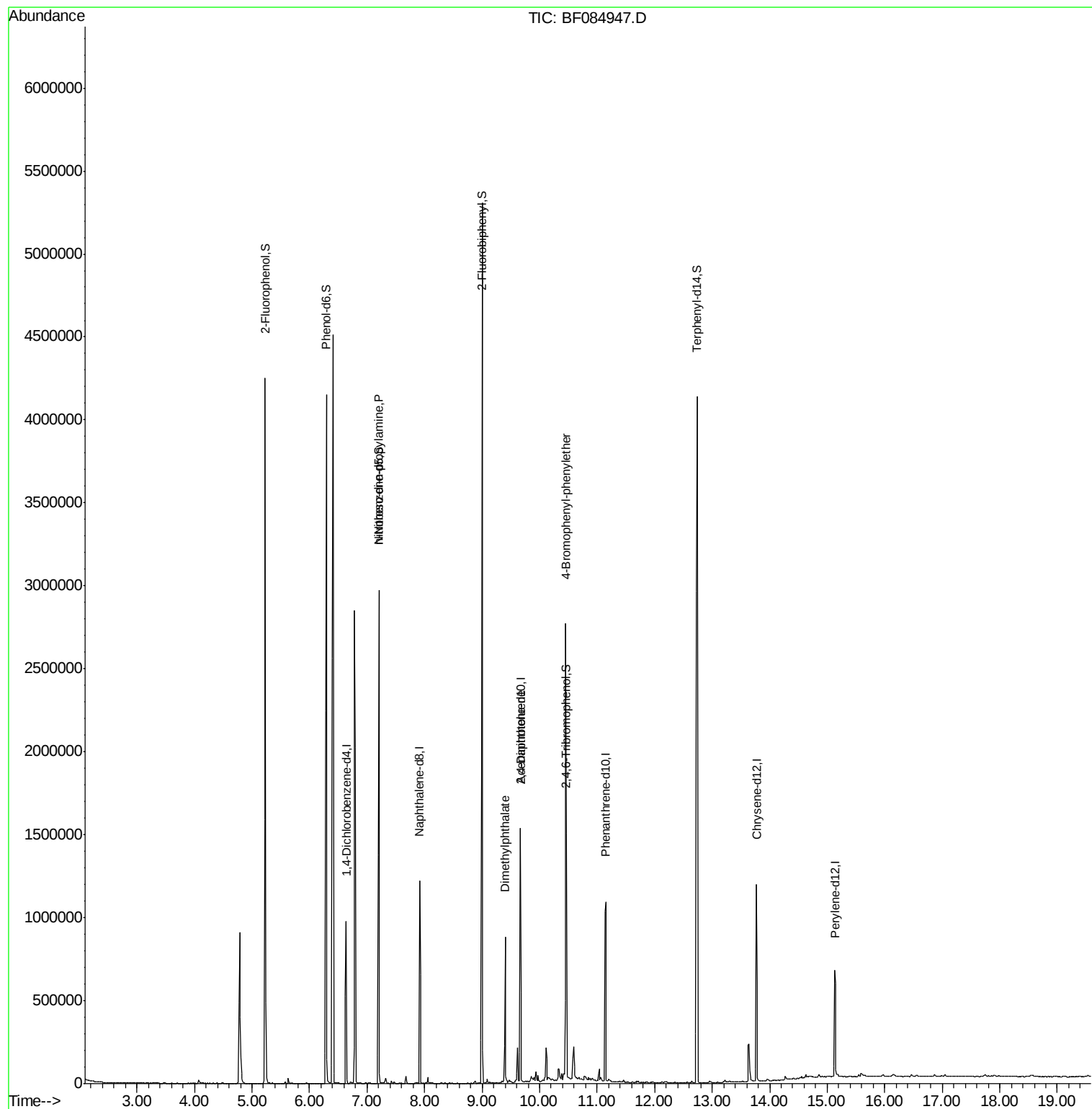
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	171165	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	680483	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	320991	20.00	ng	-0.07
63) Phenanthrene-d10	11.15	188	601930	20.00	ng	-0.06
75) Chrysene-d12	13.77	240	457988	20.00	ng	-0.07
86) Perylene-d12	15.14	264	345243	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1200977	109.29	ng	-0.05
7) Phenol-d6	6.29	99	1550814	113.84	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1055031	87.34	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	443774	132.54	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1667245	88.80	ng	-0.06
78) Terphenyl-d14	12.74	244	1712396	84.73	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	146433	17.15	ng	# 71
49) Dimethylphthalate	9.40	163	351503	14.38	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	41588	6.11	ng	# 21
66) 4-Bromophenyl-phenylether	10.45	248	25609	3.85	ng	# 1

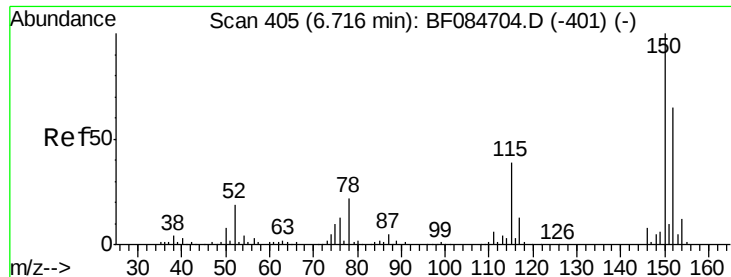
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

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Acq: 9 Feb 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SB01-1-2

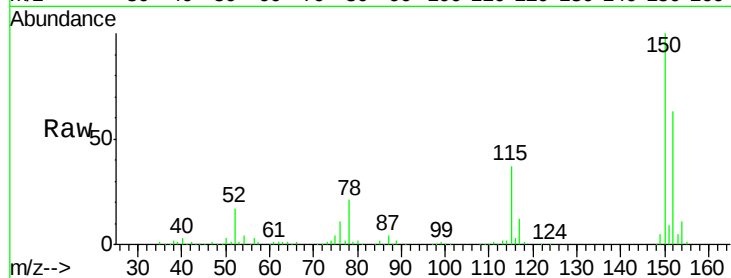
Tgt Ion:152 Resp: 171165

Ion Ratio Lower Upper

152 100

150 159.2 123.0 184.4

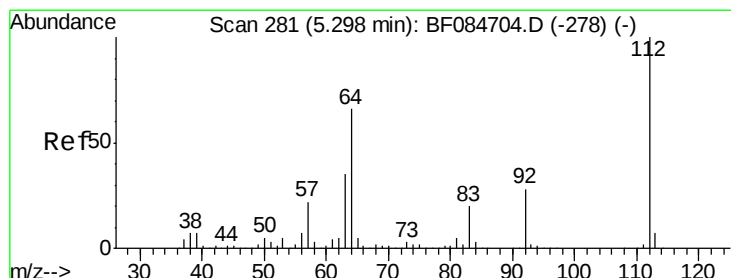
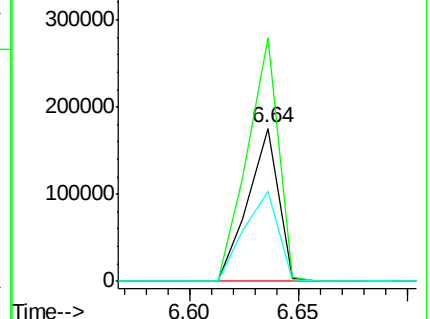
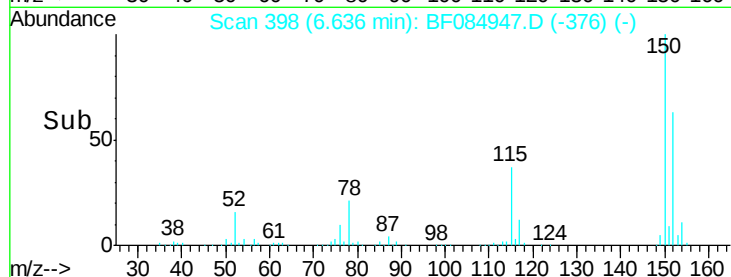
115 59.0 51.4 77.2



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: 109.29 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084947.D

Acq: 9 Feb 2016 12:58

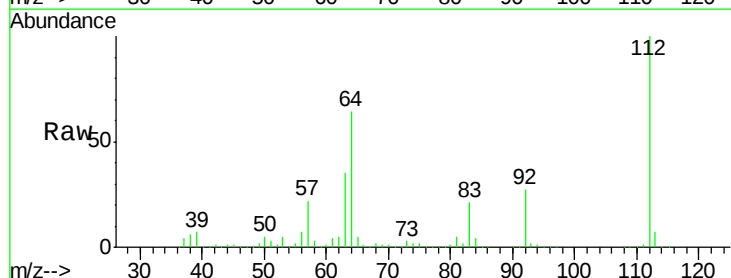
Tgt Ion:112 Resp: 1200977

Ion Ratio Lower Upper

112 100

64 64.3 36.6 55.0#

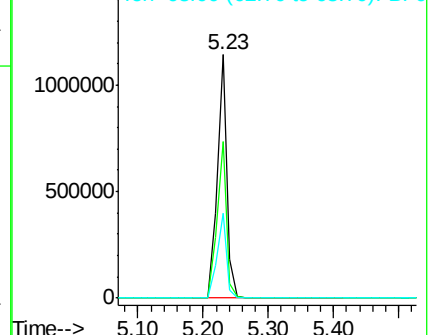
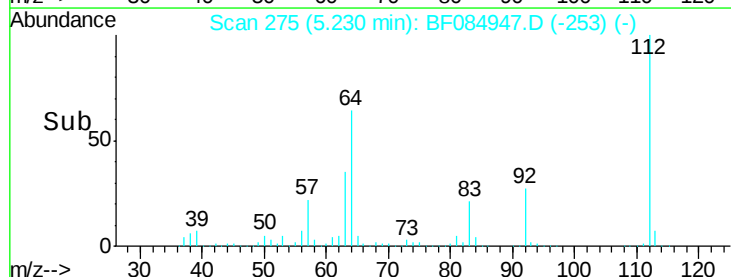
63 34.7 19.4 29.0#

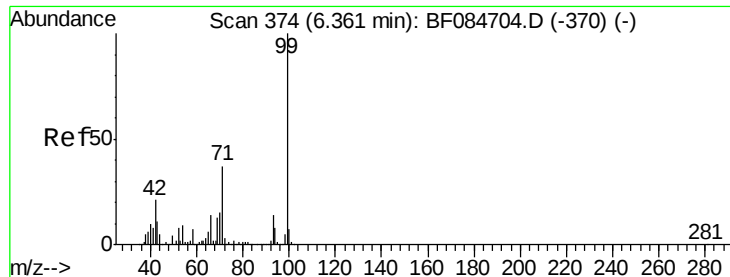


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.84 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084947.D

Acq: 9 Feb 2016 12:58

Instrument :

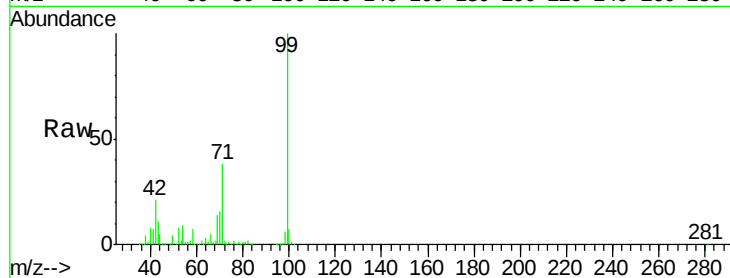
BNA_F

ClientSampleId :

SB01-1-2

Tgt Ion: 99 Resp: 1550814

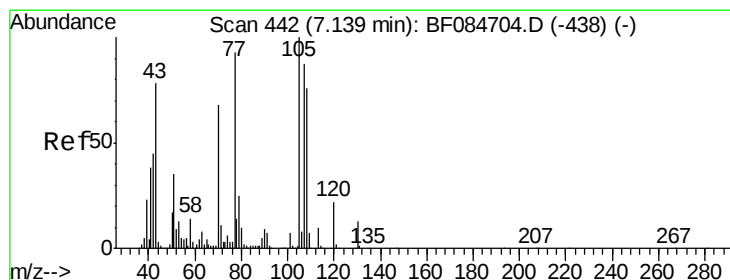
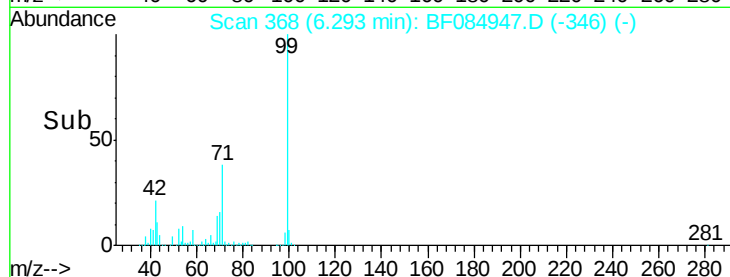
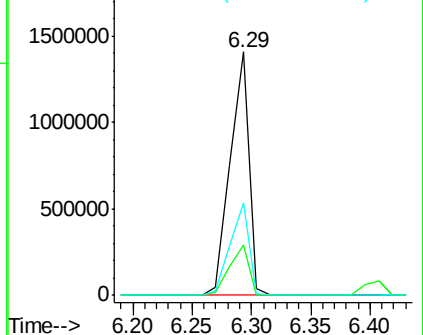
Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	38.0	30.9	46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.15 ng

RT: 7.21 min Scan# 448

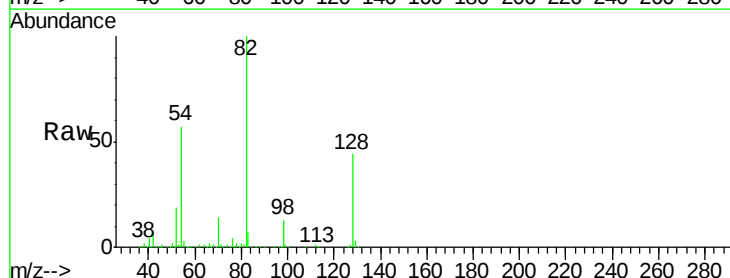
Delta R.T. 0.09 min

Lab File: BF084947.D

Acq: 9 Feb 2016 12:58

Tgt Ion: 70 Resp: 146433

Ion	Ratio	Lower	Upper
70	100		
42	49.8	33.3	49.9
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#

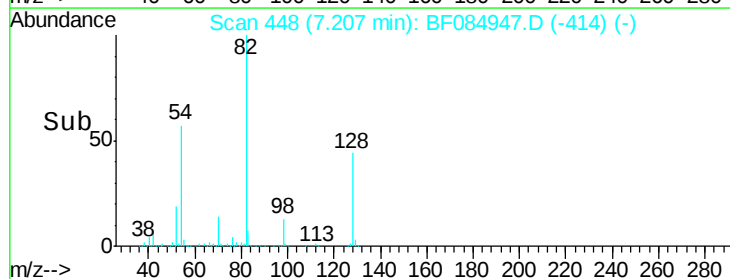
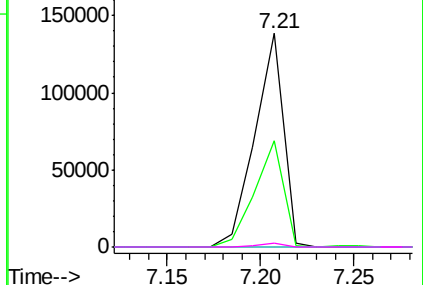


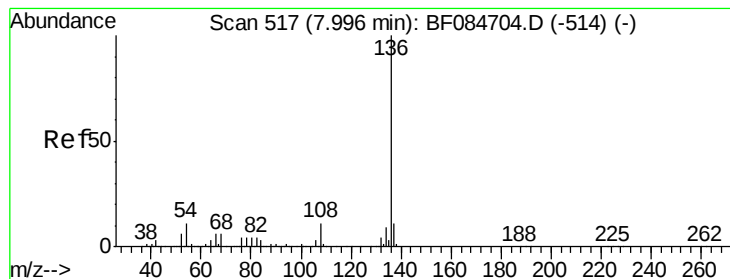
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084947.D

Acq: 9 Feb 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SB01-1-2

Tgt Ion:136 Resp: 680483

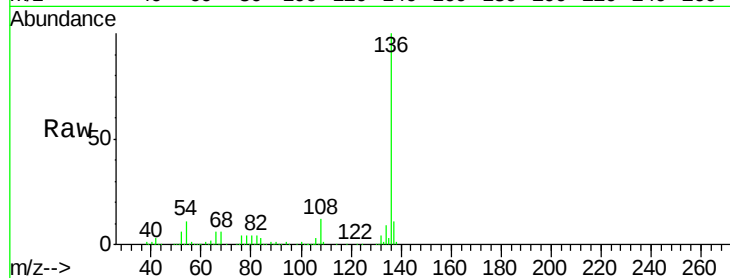
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.6 5.8 8.8#

68 6.0 4.2 6.2

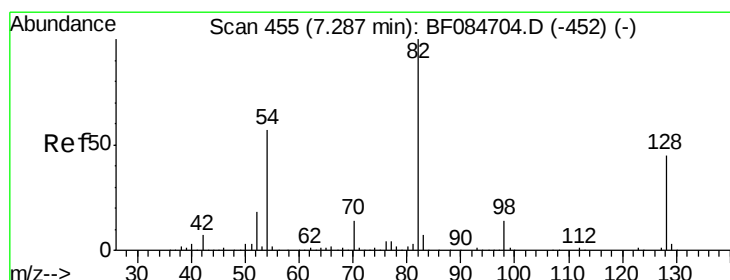
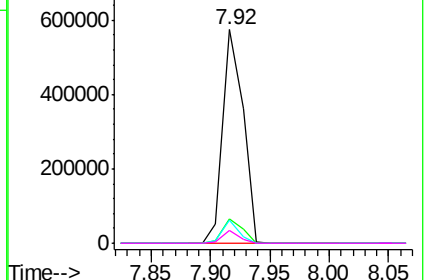
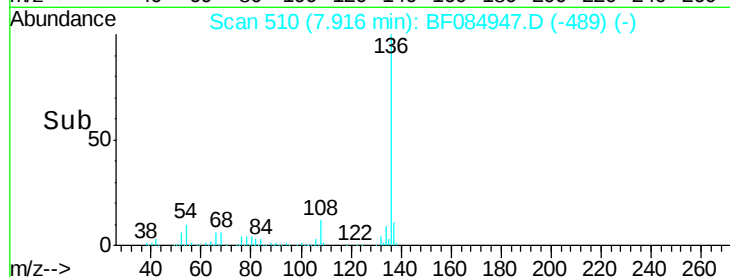


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.34 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084947.D

Acq: 9 Feb 2016 12:58

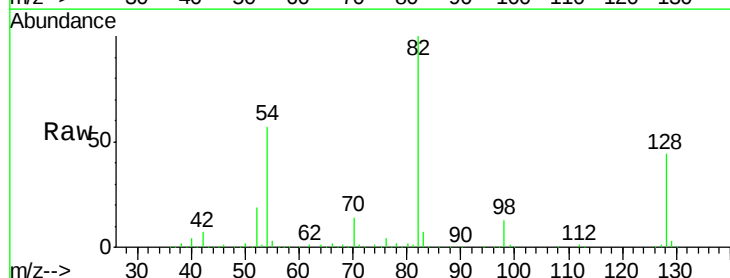
Tgt Ion: 82 Resp: 1055031

Ion Ratio Lower Upper

82 100

128 43.7 34.6 51.8

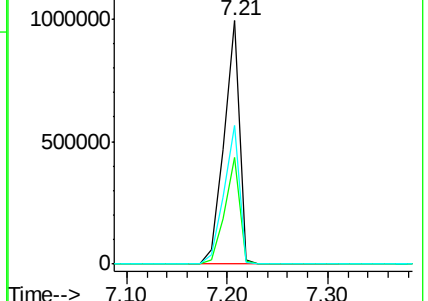
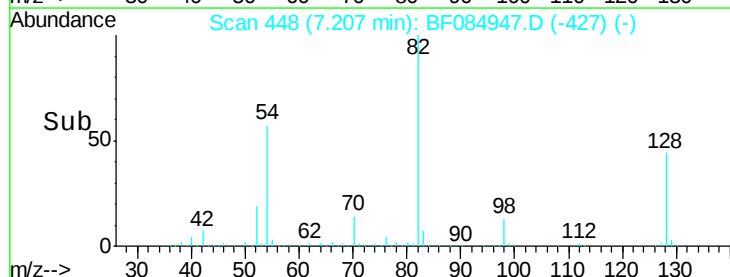
54 57.2 38.4 57.6

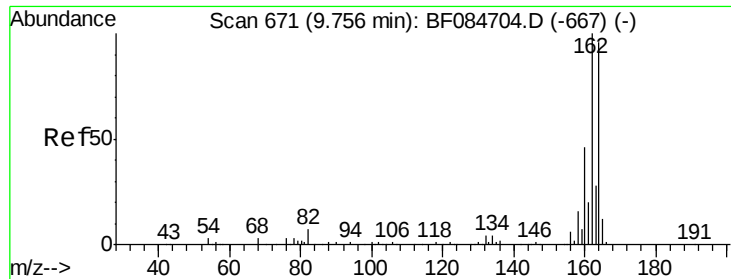


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084947.D

Acq: 9 Feb 2016 12:58

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SB01-1-2

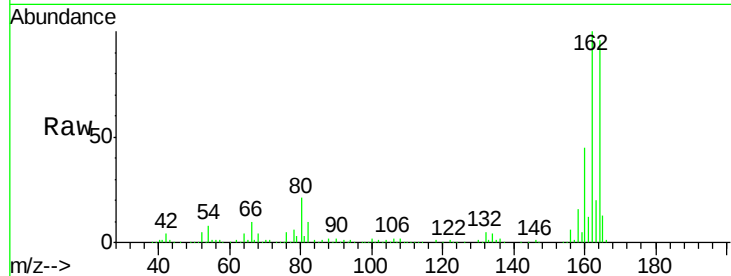
Tgt Ion:164 Resp: 320991

Ion Ratio Lower Upper

164 100

162 104.3 85.1 127.7

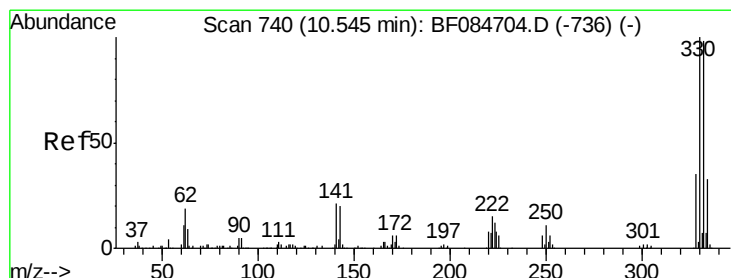
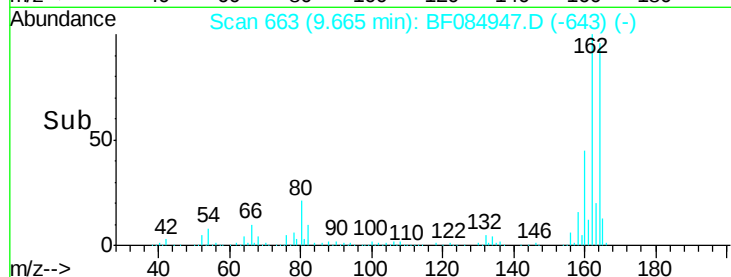
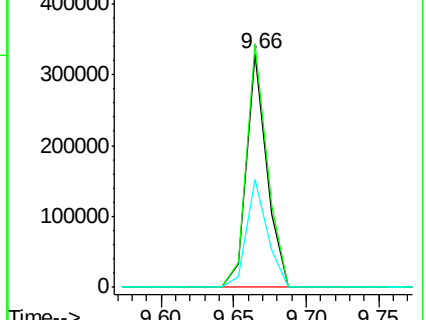
160 46.5 37.5 56.3



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: 132.54 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.06 min

Lab File: BF084947.D

Acq: 9 Feb 2016 12:58

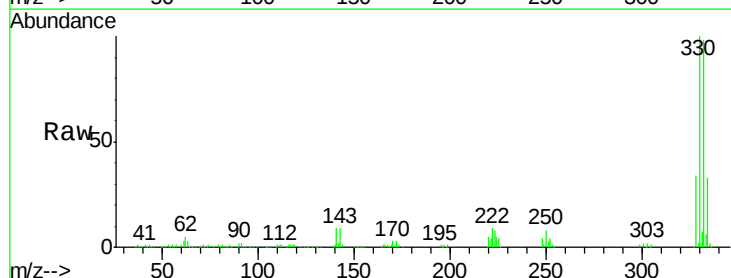
Tgt Ion:330 Resp: 443774

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

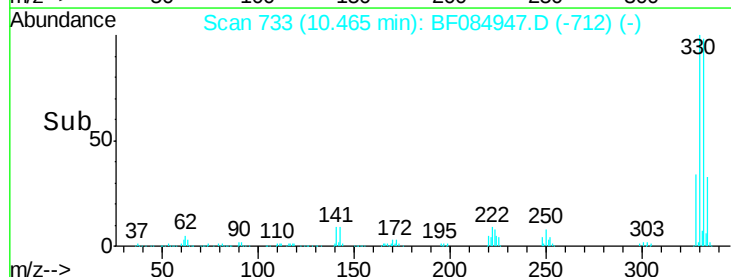
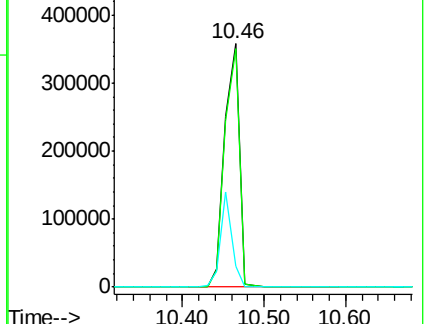
141 30.8 27.8 41.6

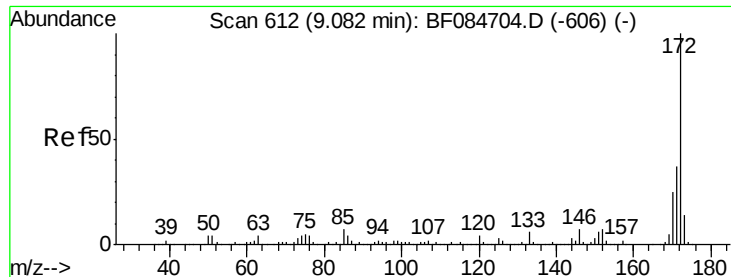


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

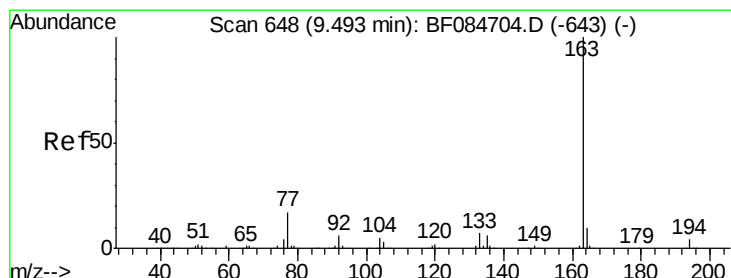
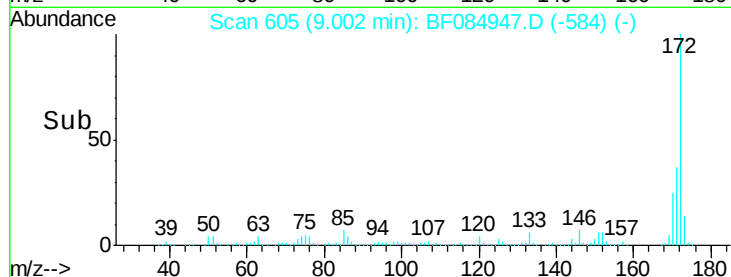
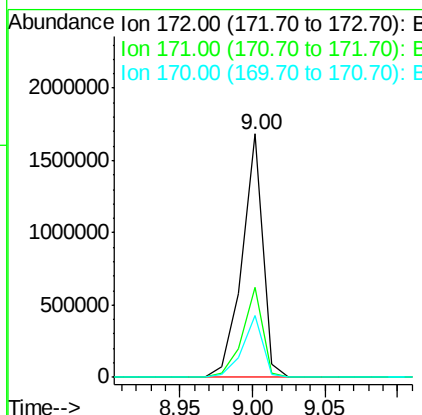
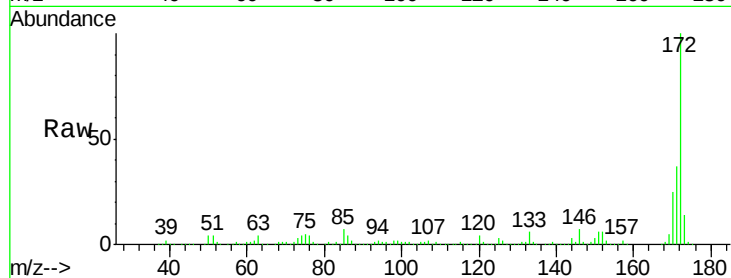




#44
2-Fluorobiphenyl
Concen: 88.80 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.06 min
Lab File: BF084947.D
Acq: 9 Feb 2016 12:58

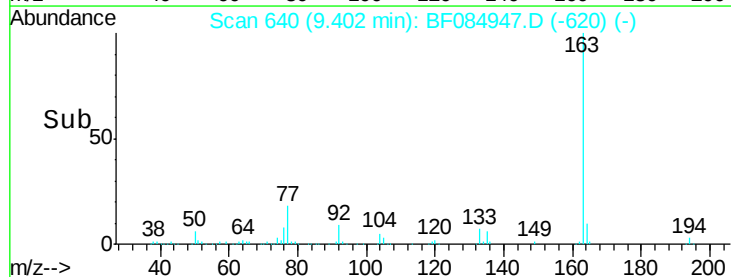
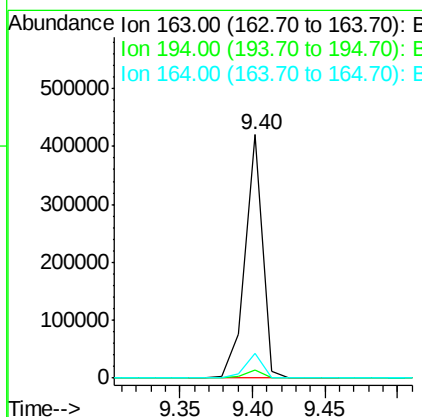
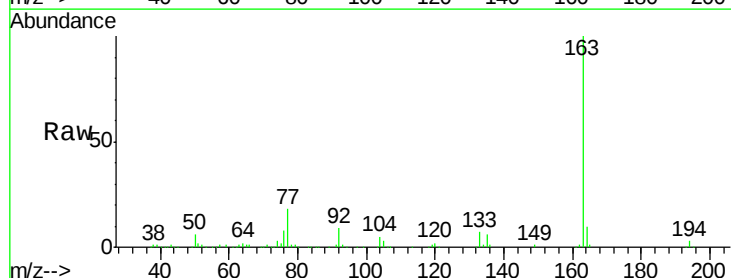
Instrument :
BNA_F
ClientSampleId :
SB01-1-2

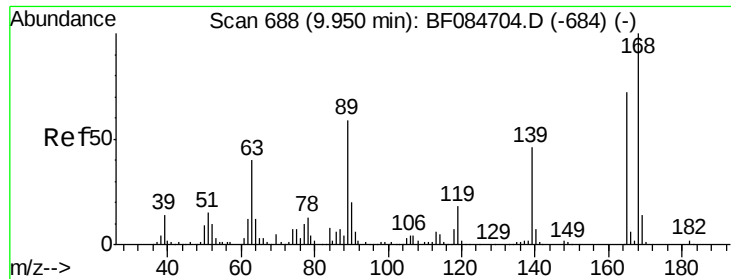
Tgt Ion:172 Resp: 1667245
Ion Ratio Lower Upper
172 100
171 37.2 28.9 43.3
170 25.4 18.6 27.8



#49
Dimethylphthalate
Concen: 14.38 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084947.D
Acq: 9 Feb 2016 12:58

Tgt Ion:163 Resp: 351503
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 9.9 8.0 12.0

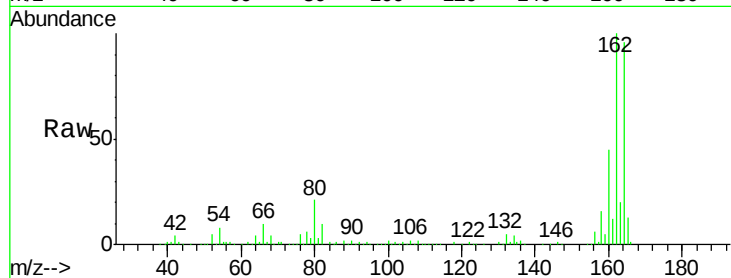




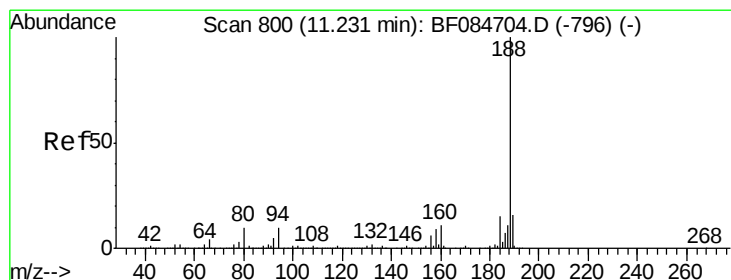
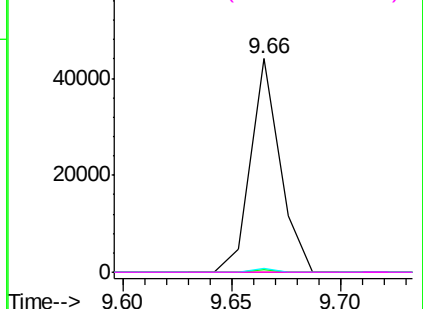
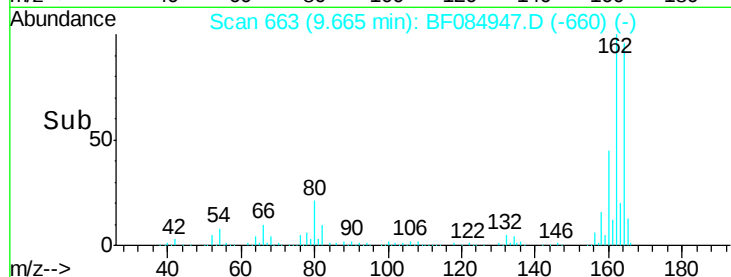
#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.26 min
 Lab File: BF084947.D
 Acq: 9 Feb 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:165 Resp: 41588
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.7 55.1#
 89 1.7 61.9 92.9#
 182 0.0 2.0 3.0#

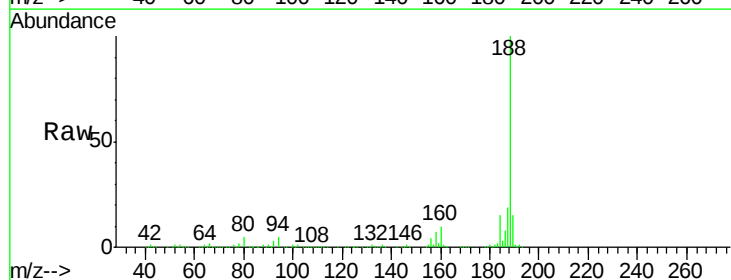


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

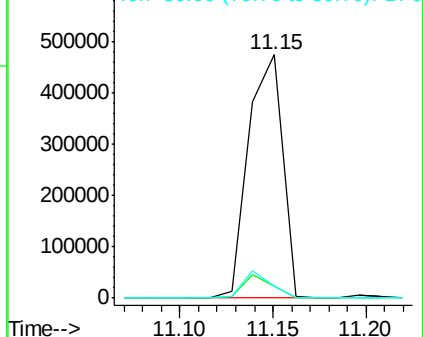
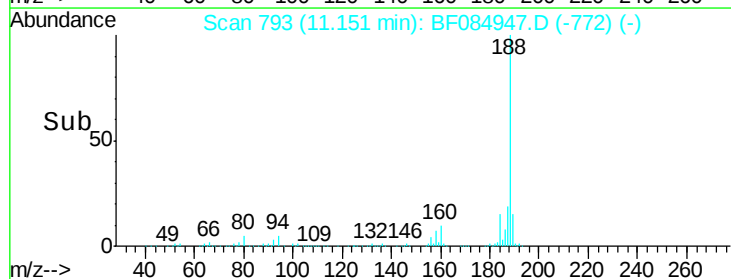


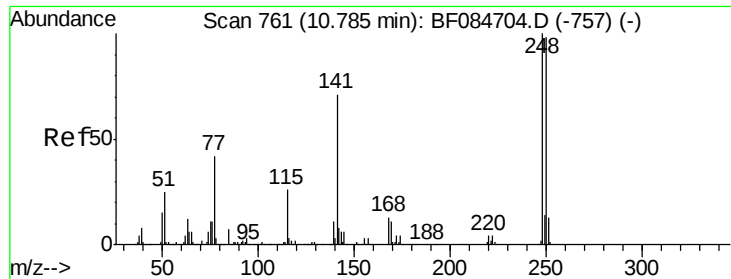
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.06 min
 Lab File: BF084947.D
 Acq: 9 Feb 2016 12:58

Tgt Ion:188 Resp: 601930
 Ion Ratio Lower Upper
 188 100
 94 5.0 9.0 13.4#
 80 5.0 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

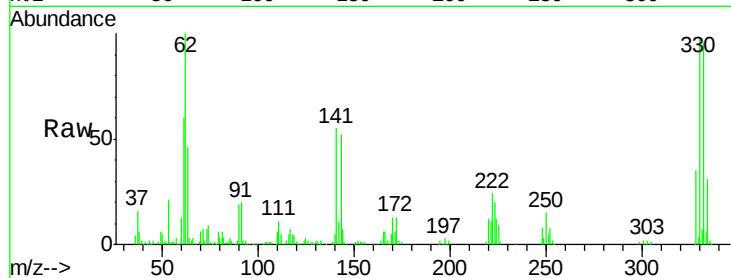




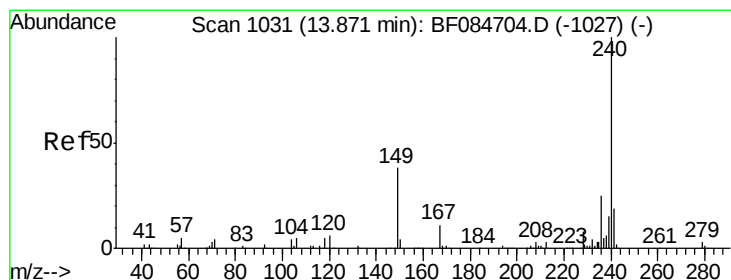
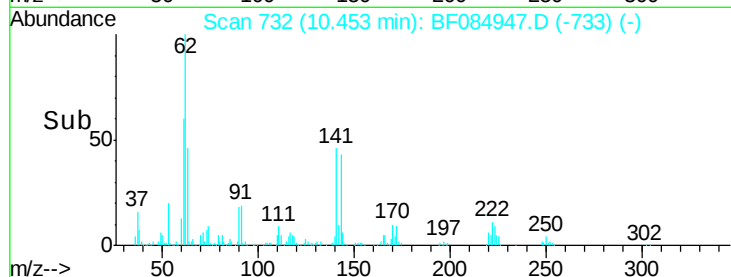
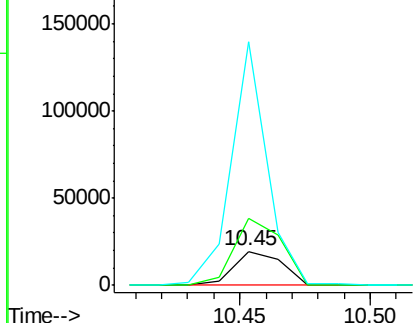
#66
4-Bromophenyl-phenylether
Concen: 3.85 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.31 min
Lab File: BF084947.D
Acq: 9 Feb 2016 12:58

Instrument :
BNA_F
ClientSampleId :
SB01-1-2

Tgt Ion:248 Resp: 25609
Ion Ratio Lower Upper
248 100
250 196.4 78.4 117.6#
141 714.9 44.0 66.0#

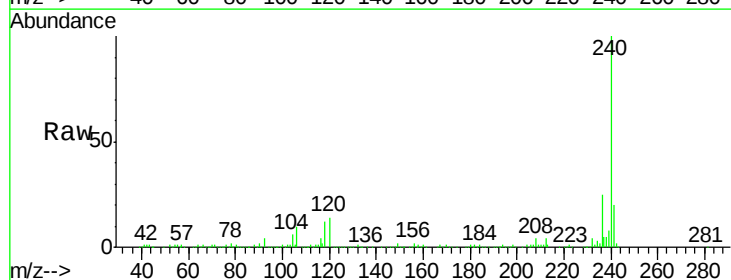


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

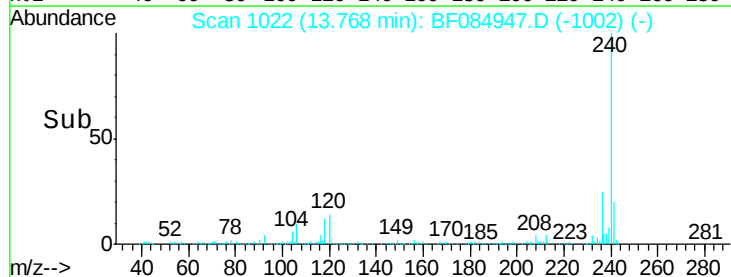
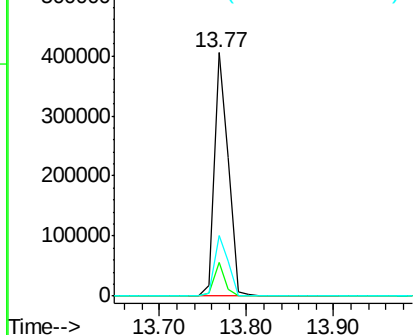


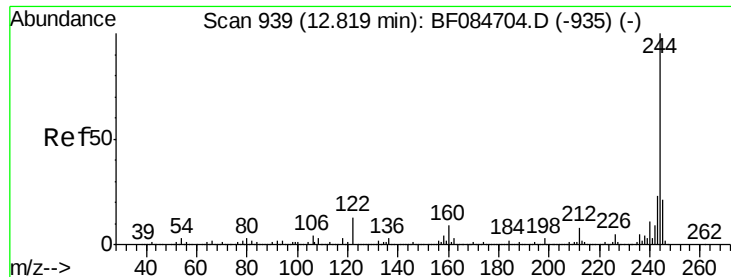
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF084947.D
Acq: 9 Feb 2016 12:58

Tgt Ion:240 Resp: 457988
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 24.8 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: 84.73 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084947.D

Acq: 9 Feb 2016 12:58

Instrument :

BNA_F

ClientSampleId :

SB01-1-2

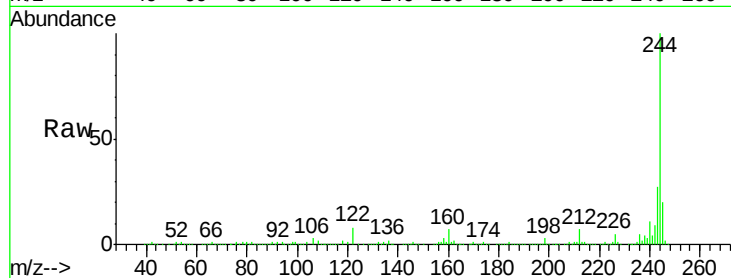
Tgt Ion:244 Resp: 1712396

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

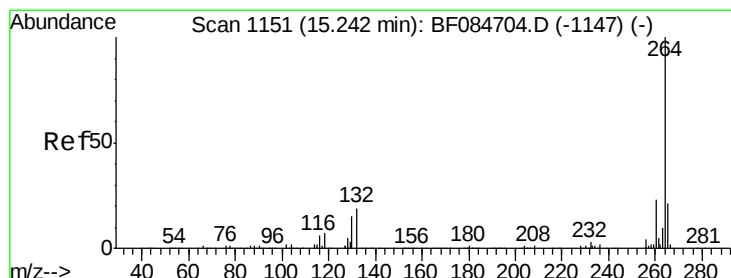
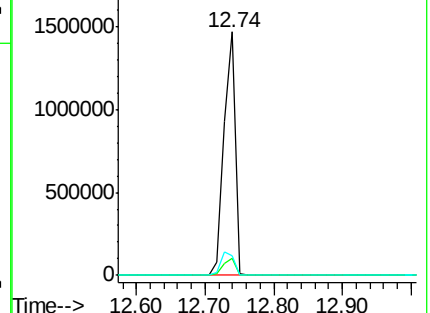
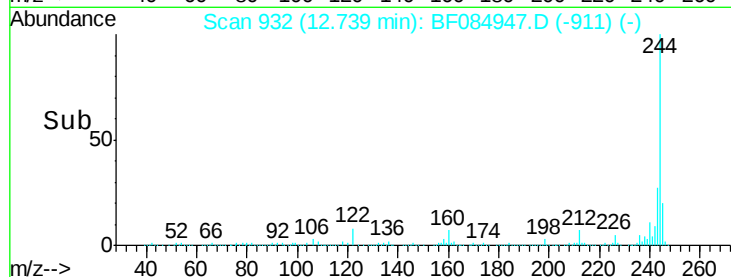
122 8.2 7.4 11.0



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: 15.14 min Scan# 1142

Delta R.T. -0.07 min

Lab File: BF084947.D

Acq: 9 Feb 2016 12:58

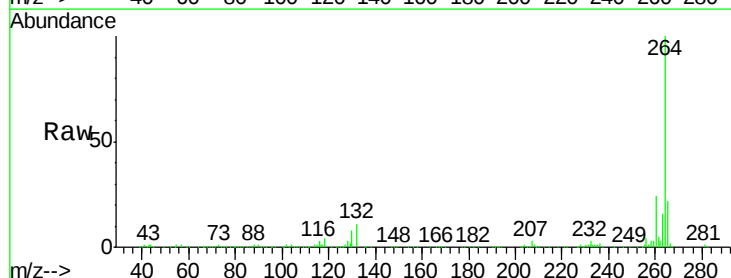
Tgt Ion:264 Resp: 345243

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.5 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

