

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084798.D
 Acq On : 3 Feb 2016 21:35
 Operator : SJ/IZ
 Sample : H1331-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-SIDEWALL(9)

Quant Time: Feb 04 00:30:33 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

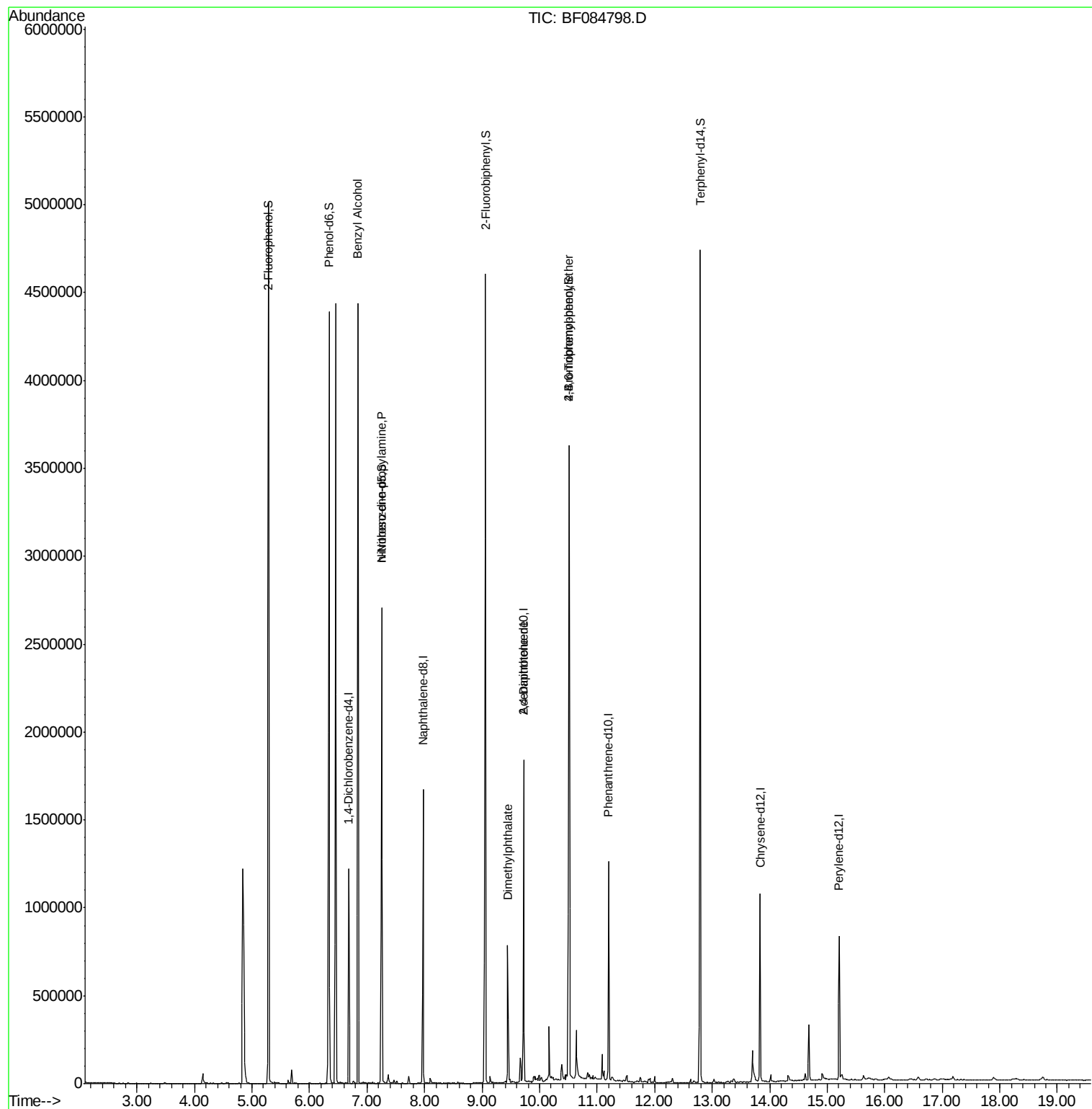
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	175208	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	768971	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	348808	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	622324	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	541060	20.00	ng	0.00
86) Perylene-d12	15.21	264	368865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1465526	130.29	ng	0.01
7) Phenol-d6	6.34	99	1663856	119.32	ng	0.00
23) Nitrobenzene-d5	7.25	82	1128152	82.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	477623	131.27	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1946525	99.80	ng	0.00
78) Terphenyl-d14	12.80	244	1891663	79.23	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.84	79	20298	2.11	ng	# 43
19) n-Nitroso-di-n-propylamine	7.25	70	152451	17.44	ng	# 71
49) Dimethylphthalate	9.45	163	359099	13.52	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	45458	6.14	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	27932	4.06	ng	# 1

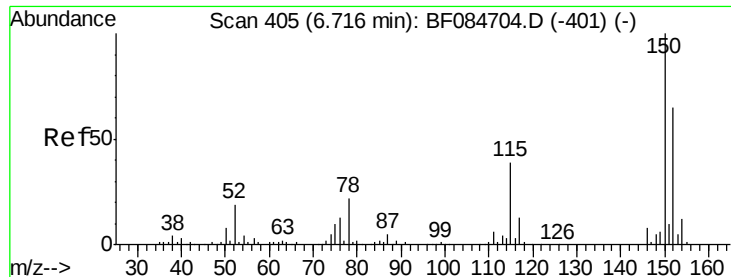
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084798.D

Acq: 3 Feb 2016 21:35

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL(9)

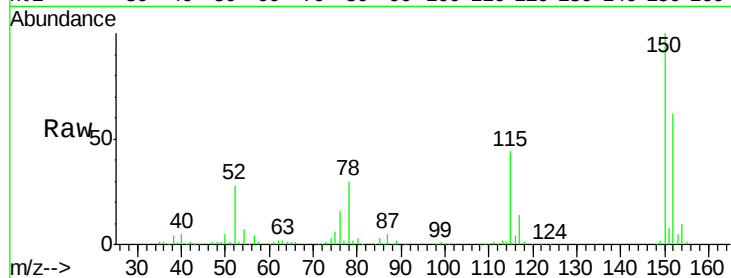
Tgt Ion:152 Resp: 175208

Ion Ratio Lower Upper

152 100

150 160.9 123.0 184.4

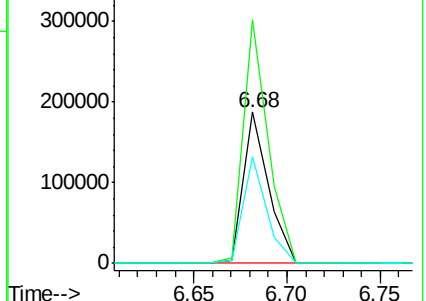
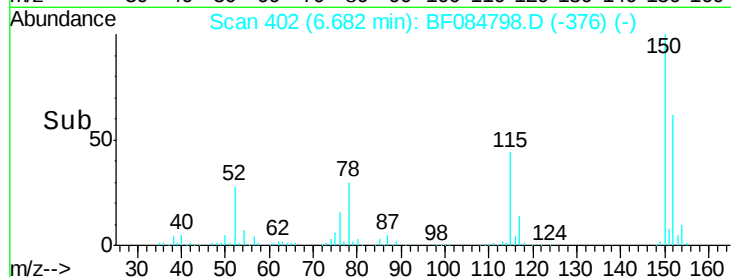
115 70.4 51.4 77.2



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: 130.29 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084798.D

Acq: 3 Feb 2016 21:35

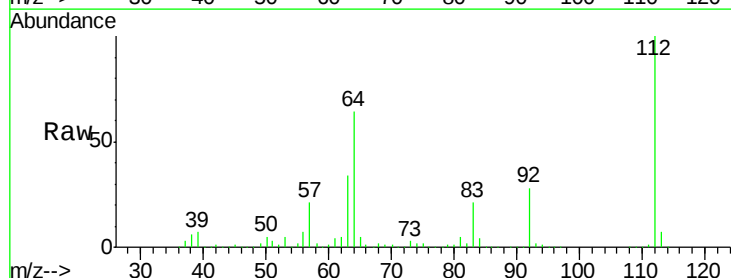
Tgt Ion:112 Resp: 1465526

Ion Ratio Lower Upper

112 100

64 63.9 36.6 55.0#

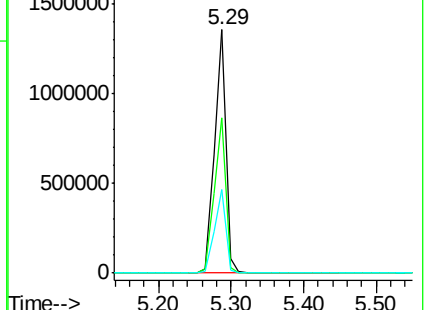
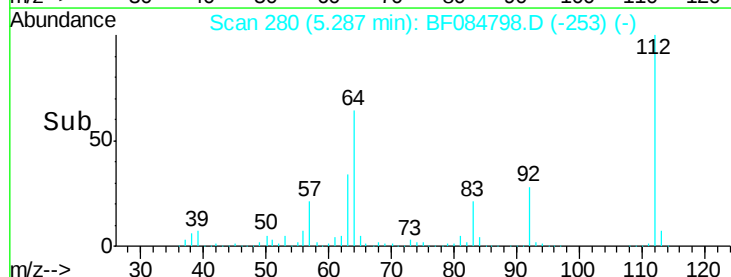
63 34.2 19.4 29.0#



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: 119.32 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084798.D

Acq: 3 Feb 2016 21:35

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL(9)

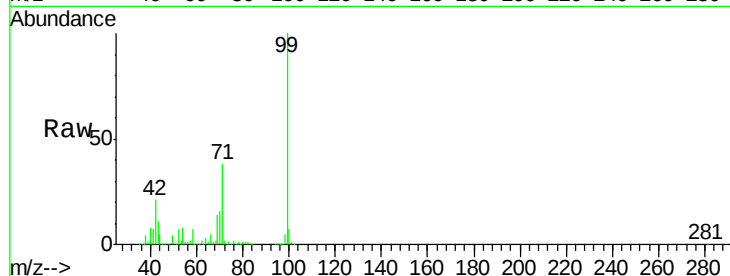
Tgt Ion: 99 Resp: 1663856

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

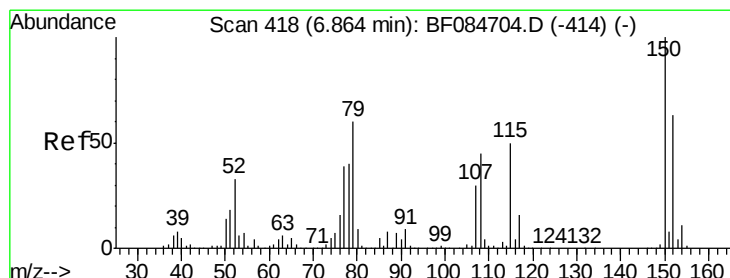
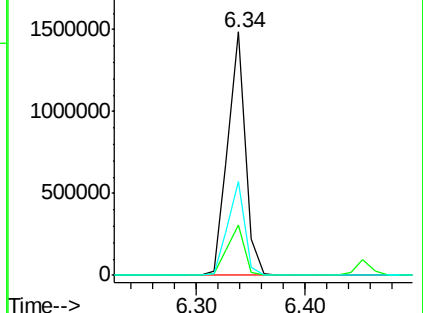
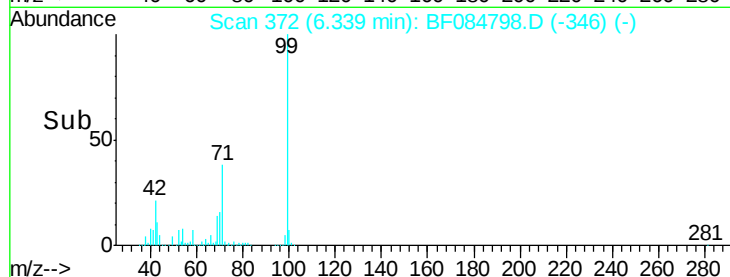
71 38.4 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084798.D

Acq: 3 Feb 2016 21:35

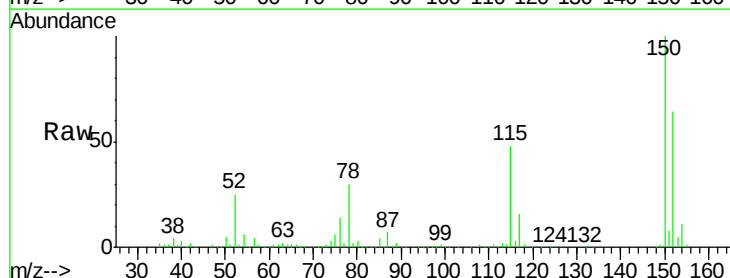
Tgt Ion: 79 Resp: 20298

Ion Ratio Lower Upper

79 100

108 26.7 69.0 103.4#

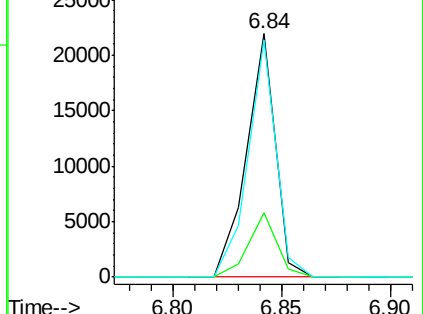
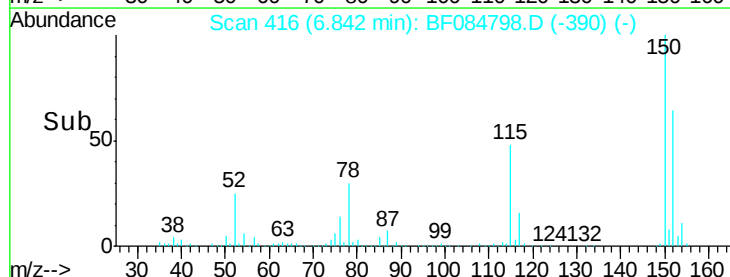
77 97.5 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

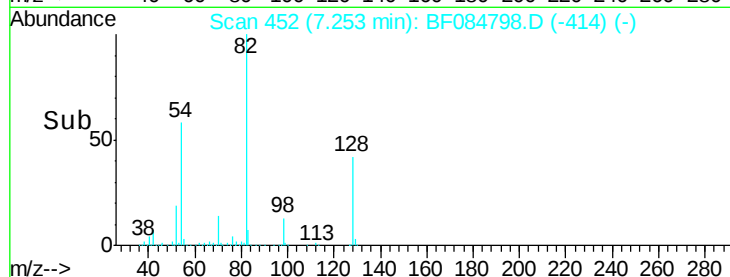
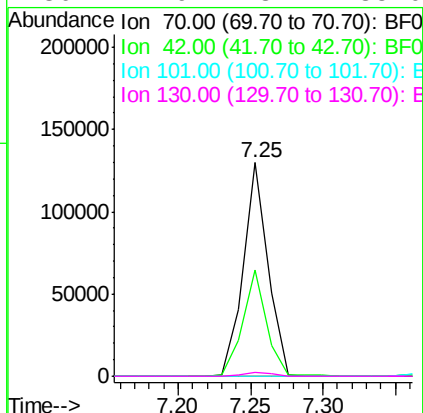
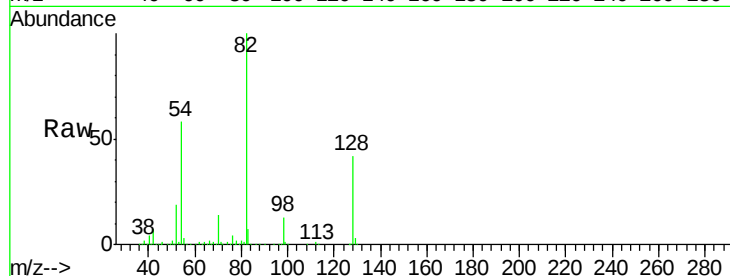




#19
n-Nitroso-di-n-propylamine
Concen: 17.44 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.14 min
Lab File: BF084798.D
Acq: 3 Feb 2016 21:35

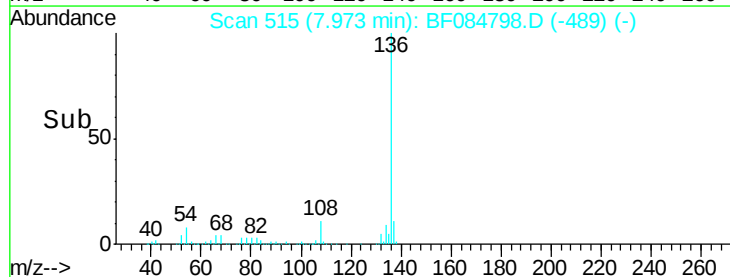
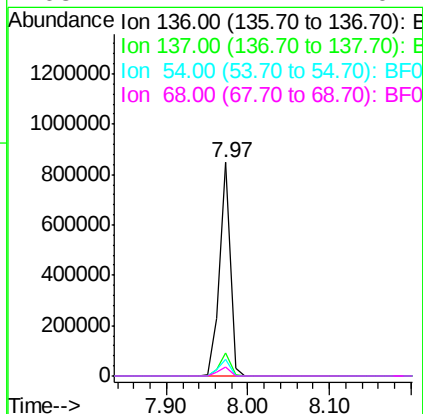
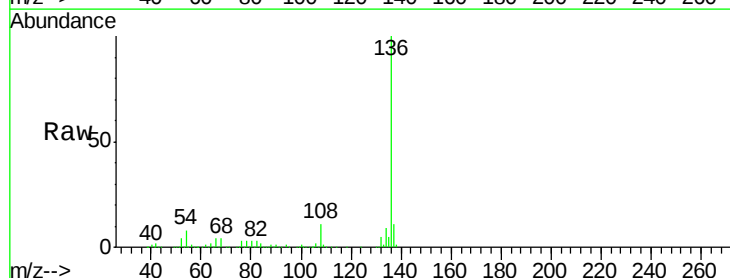
Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL(9)

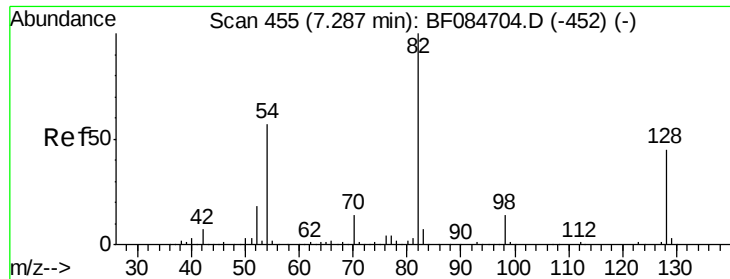
Tgt Ion: 70 Resp: 152451
Ion Ratio Lower Upper
70 100
42 49.8 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084798.D
Acq: 3 Feb 2016 21:35

Tgt Ion:136 Resp: 768971
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.7 5.8 8.8
68 4.4 4.2 6.2

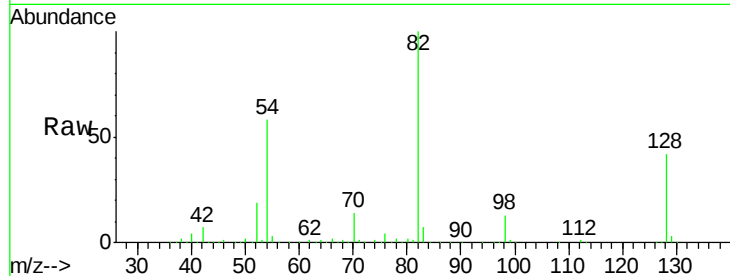




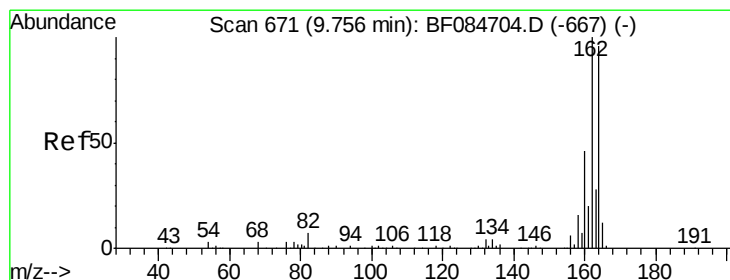
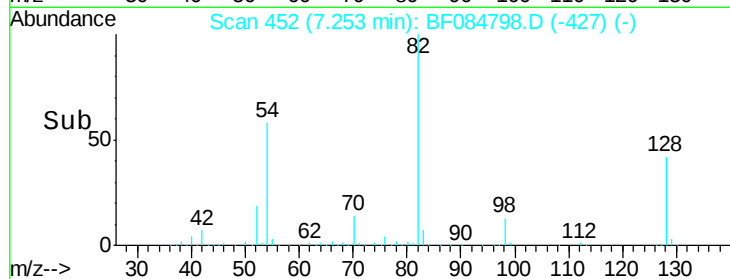
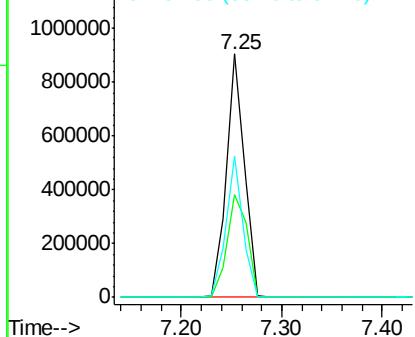
#23
Nitrobenzene-d5
Concen: 82.65 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084798.D
Acq: 3 Feb 2016 21:35

Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL(9)

Tgt Ion: 82 Resp: 1128152
Ion Ratio Lower Upper
82 100
128 42.1 34.6 51.8
54 58.1 38.4 57.6#

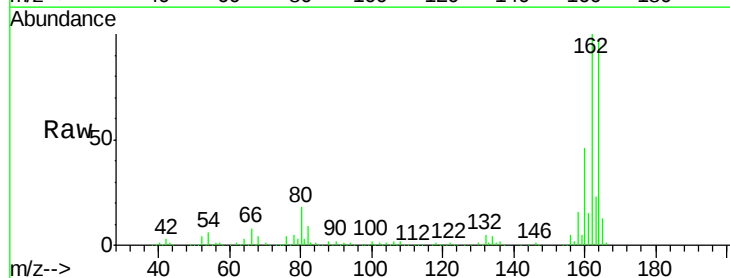


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

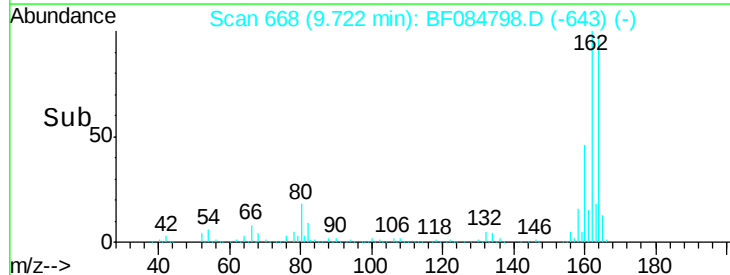
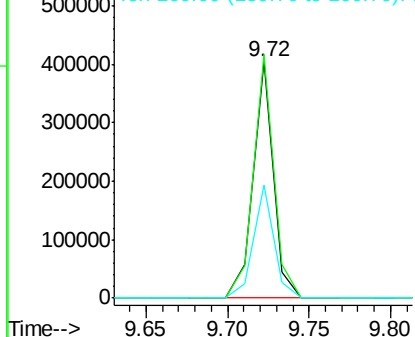


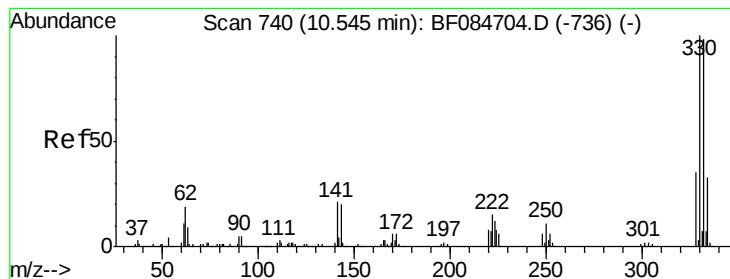
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084798.D
Acq: 3 Feb 2016 21:35

Tgt Ion: 164 Resp: 348808
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

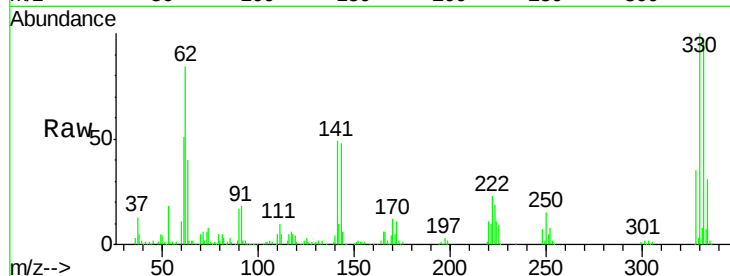




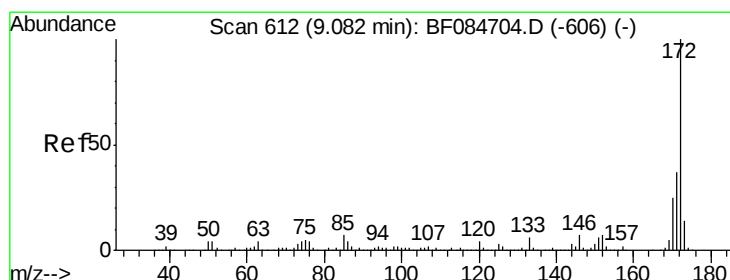
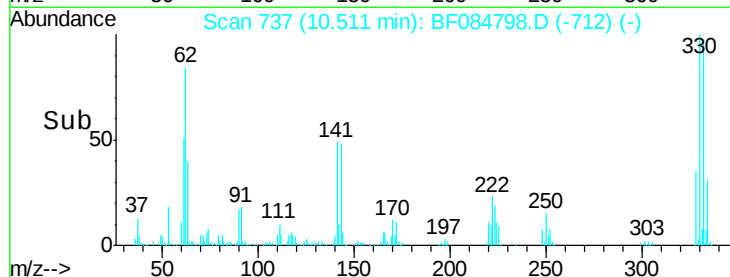
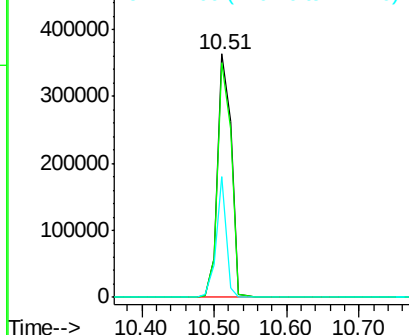
#41
 2,4,6-Tribromophenol
 Concen: 131.27 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084798.D
 Acq: 3 Feb 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 EAST-SIDEWALL(9)

Tgt Ion:330 Resp: 477623
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 35.9 27.8 41.6

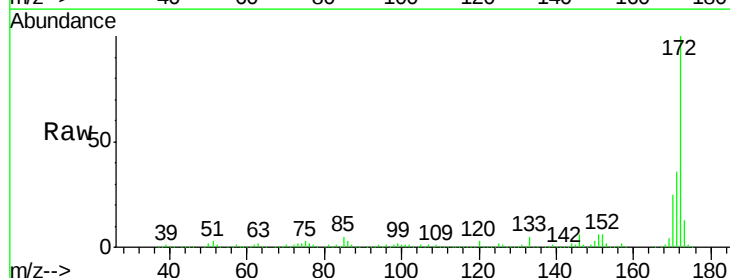


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

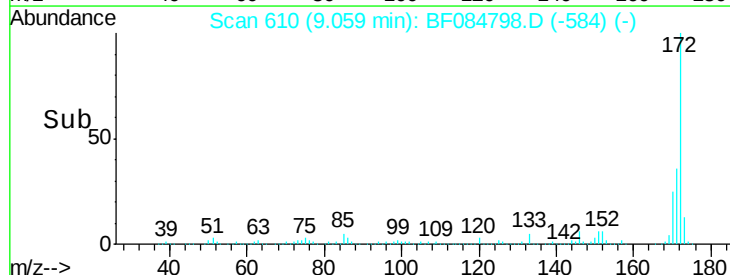
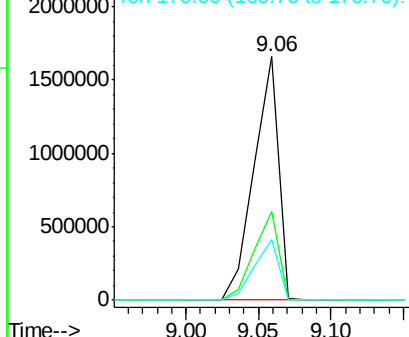


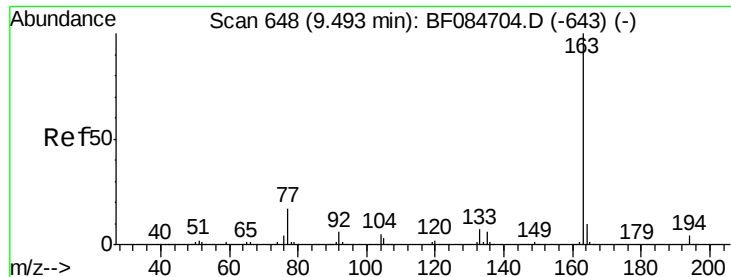
#44
 2-Fluorobiphenyl
 Concen: 99.80 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084798.D
 Acq: 3 Feb 2016 21:35

Tgt Ion:172 Resp: 1946525
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 25.1 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

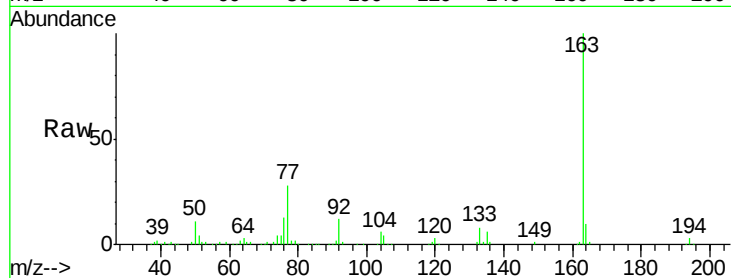




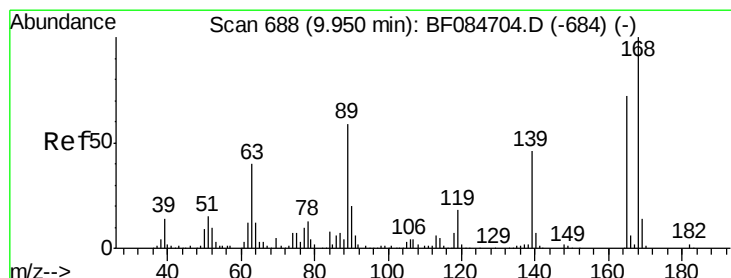
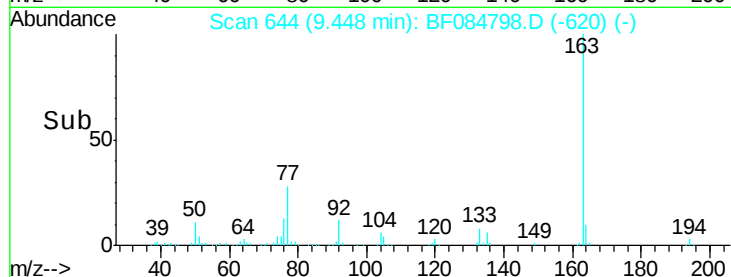
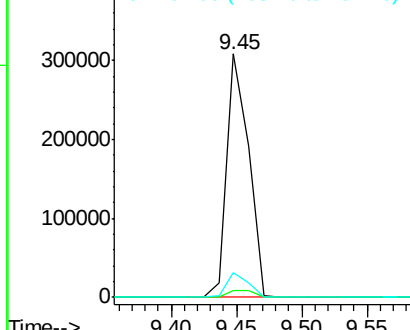
#49
Dimethylphthalate
Concen: 13.52 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084798.D
Acq: 3 Feb 2016 21:35

Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL(9)

Tgt Ion:163 Resp: 359099
Ion Ratio Lower Upper
163 100
194 2.8 8.0 12.0#
164 10.2 8.0 12.0

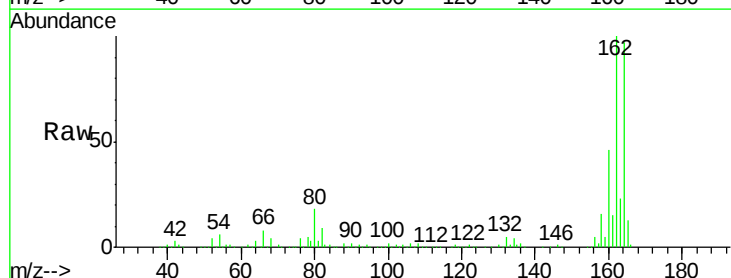


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

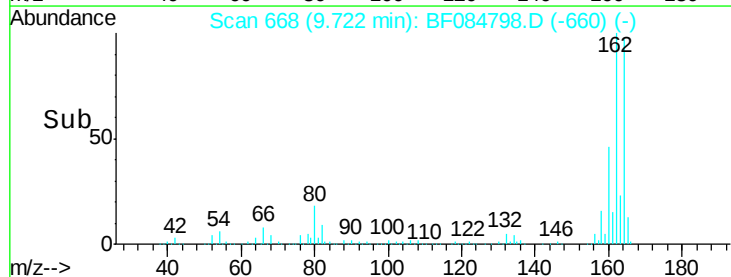
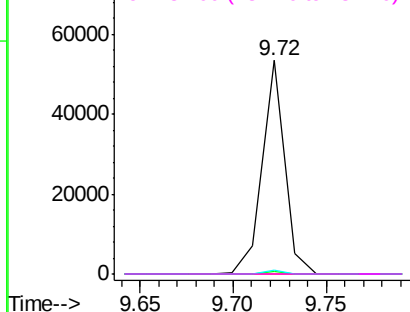


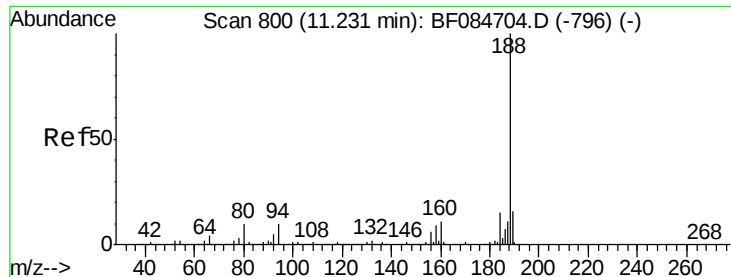
#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF084798.D
Acq: 3 Feb 2016 21:35

Tgt Ion:165 Resp: 45458
Ion Ratio Lower Upper
165 100
63 1.4 36.7 55.1#
89 1.6 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: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084798.D

Acq: 3 Feb 2016 21:35

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL(9)

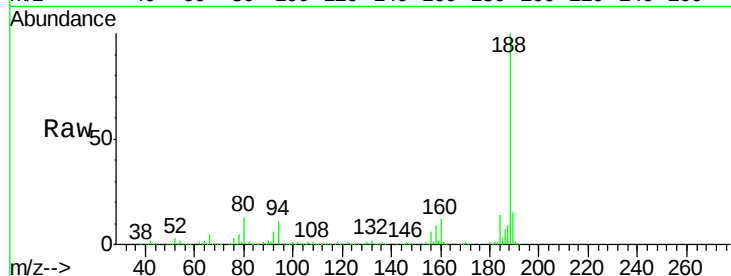
Tgt Ion:188 Resp: 622324

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

80 12.8 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

600000

500000

400000

300000

200000

100000

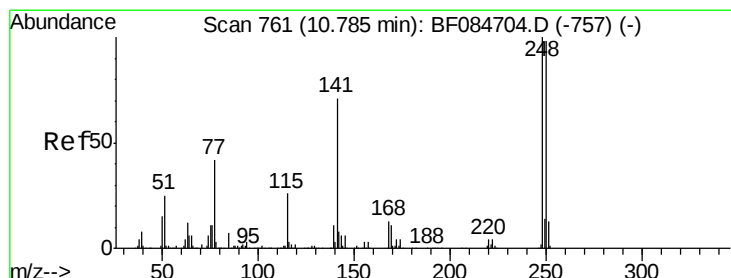
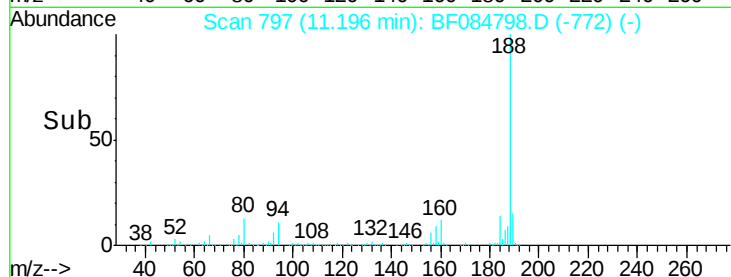
0

11.15

11.20

11.25

Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.06 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.25 min

Lab File: BF084798.D

Acq: 3 Feb 2016 21:35

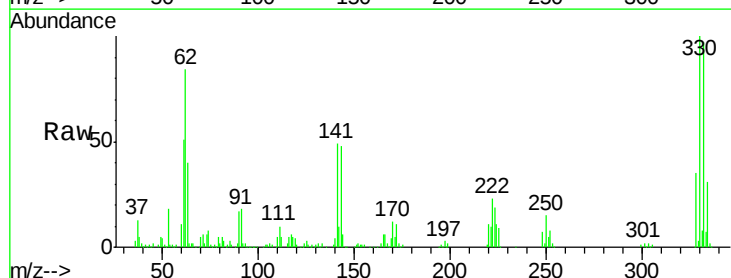
Tgt Ion:248 Resp: 27932

Ion Ratio Lower Upper

248 100

250 205.9 78.4 117.6#

141 677.2 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

250000

200000

150000

100000

50000

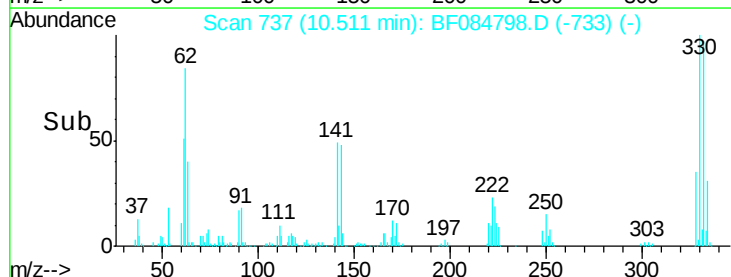
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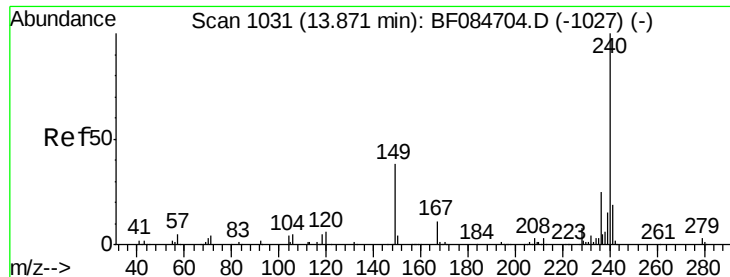
10.45

10.50

10.55

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084798.D

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Instrument :

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EAST-SIDEWALL(9)

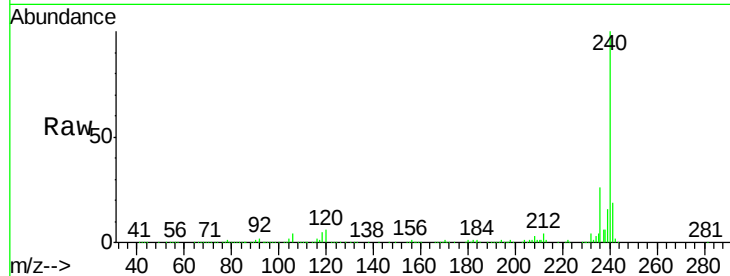
Tgt Ion:240 Resp: 541060

Ion Ratio Lower Upper

240 100

120 5.6 9.5 14.3#

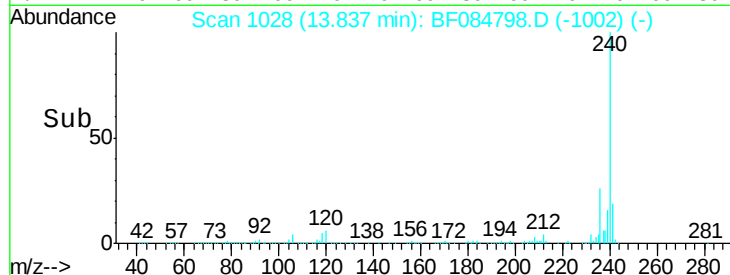
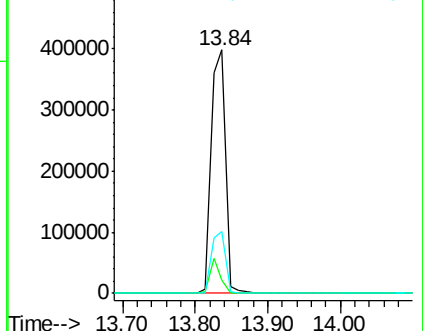
236 25.5 20.6 31.0



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: 79.23 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084798.D

Acq: 3 Feb 2016 21:35

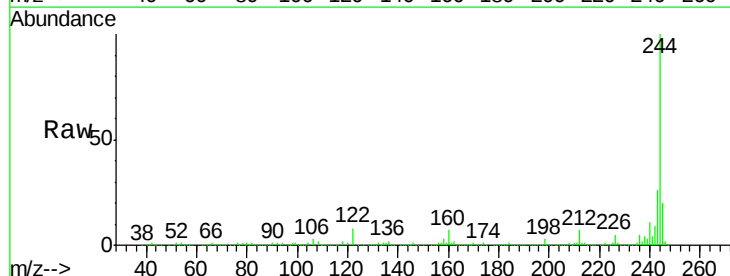
Tgt Ion:244 Resp: 1891663

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

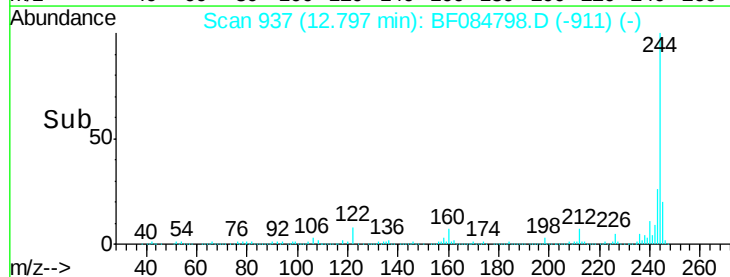
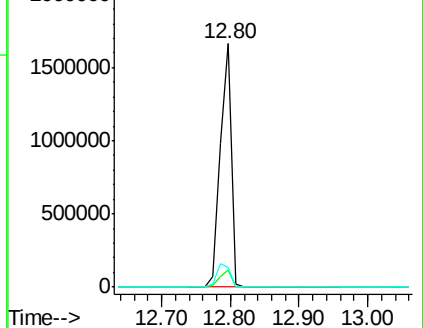
122 8.3 7.4 11.0

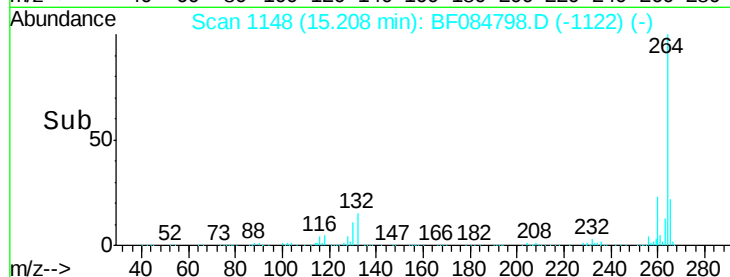
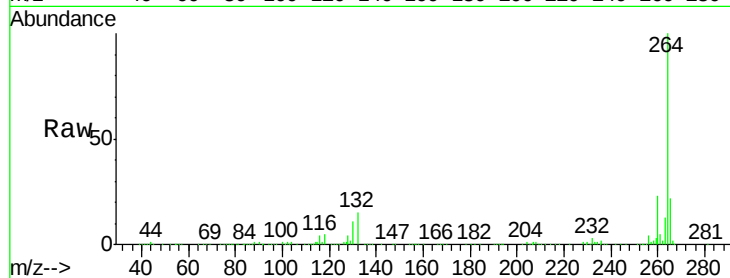
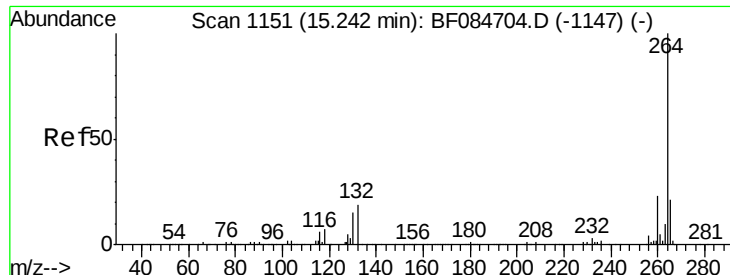


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF084798.D

Acq: 3 Feb 2016 21:35

Instrument :

BNA_F

ClientSampleId :

EAST-SIDEWALL(9)

Tgt Ion:264 Resp: 368865

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.9 17.8 26.6

