

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085020.D
 Acq On : 11 Feb 2016 15:49
 Operator : SJ/IZ
 Sample : H1377-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB02-2-3

Quant Time: Feb 11 22:13:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

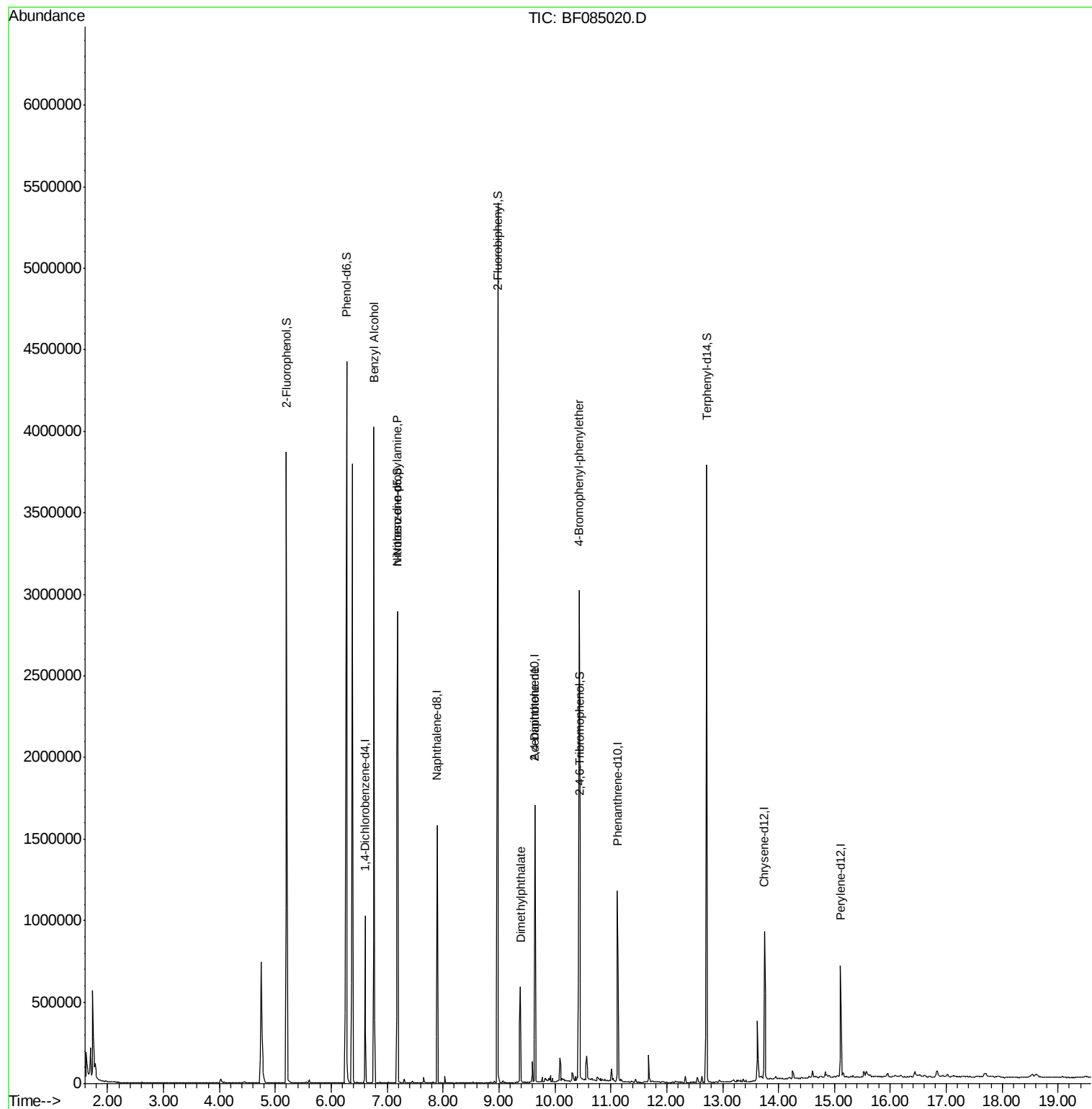
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	148445	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	674636	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	316745	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	543953	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	379807	20.00	ng	-0.02
86) Perylene-d12	15.11	264	317790	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1317892	138.28	ng	0.00
7) Phenol-d6	6.27	99	1778814	150.56	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1237804	103.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	480266	145.36	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1832862	106.42	ng	-0.01
78) Terphenyl-d14	12.72	244	1612786	96.22	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.76	79	19775	2.42	ng	# 44
19) n-Nitroso-di-n-propylamine	7.19	70	170888	23.07	ng	# 75
49) Dimethylphthalate	9.38	163	298084	12.36	ng	# 90
56) 2,4-Dinitrotoluene	9.64	165	40730	6.06	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	27776	4.62	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: 6.60 min Scan# 439

Delta R.T. -0.02 min

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BNA_F

ClientSampleId :

SB02-2-3

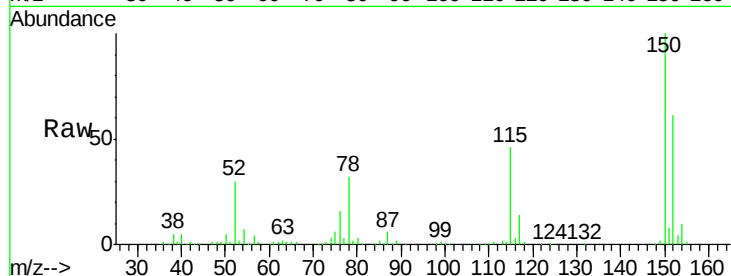
Tgt Ion:152 Resp: 148445

Ion Ratio Lower Upper

152 100

150 164.5 123.0 184.4

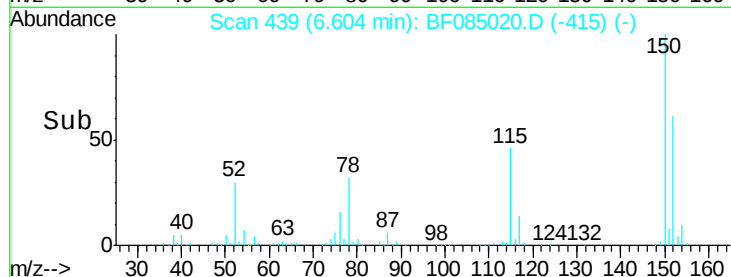
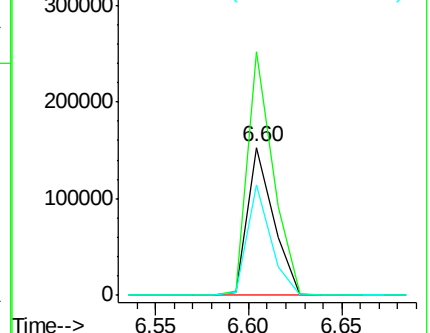
115 75.0 51.4 77.2



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: 138.28 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF085020.D

Acq: 11 Feb 2016 15:49

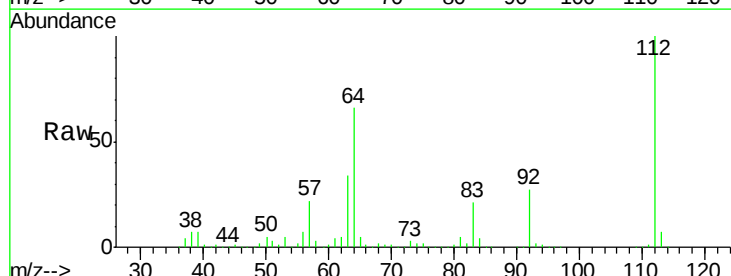
Tgt Ion:112 Resp: 1317892

Ion Ratio Lower Upper

112 100

64 65.6 36.6 55.0#

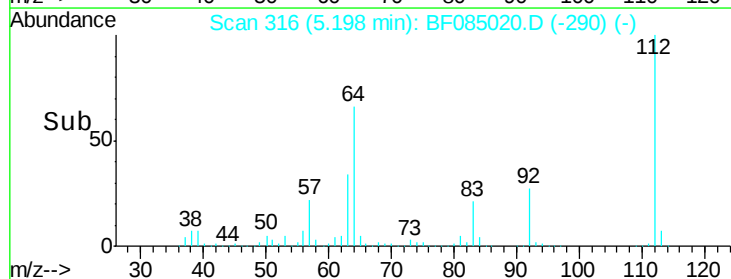
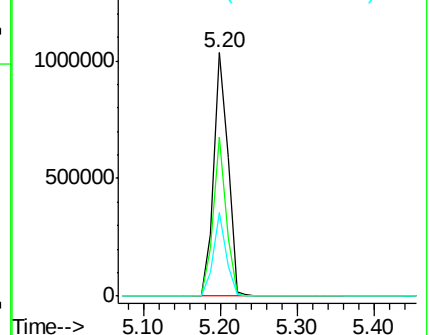
63 34.4 19.4 29.0#



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: 150.56 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085020.D

Acq: 11 Feb 2016 15:49

Instrument :

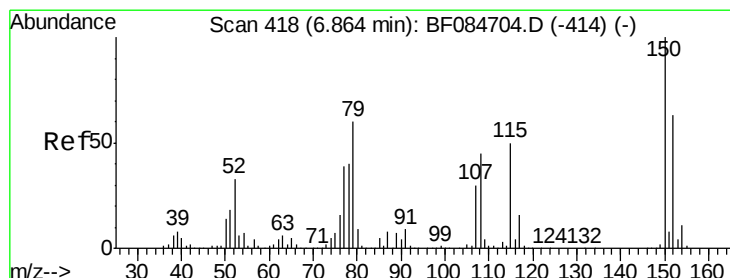
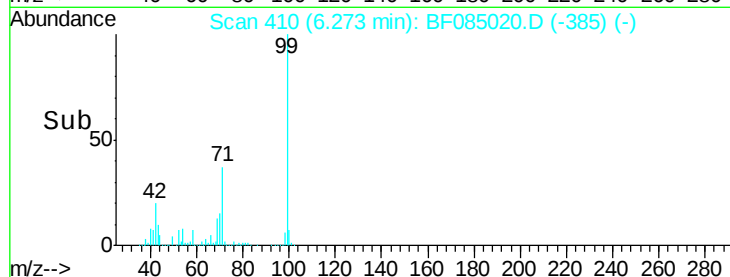
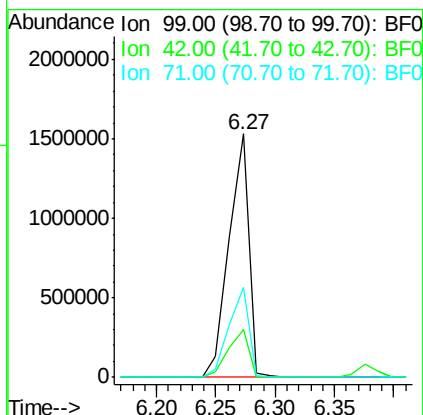
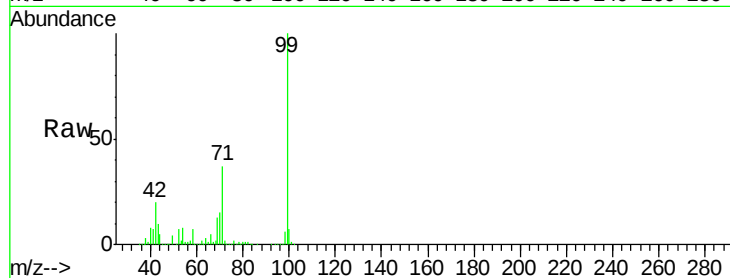
BNA_F

ClientSampleId :

SB02-2-3

Tgt Ion: 99 Resp: 1778814

Ion	Ratio	Lower	Upper
99	100		
42	19.7	12.8	19.2#
71	37.0	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.42 ng

RT: 6.76 min Scan# 453

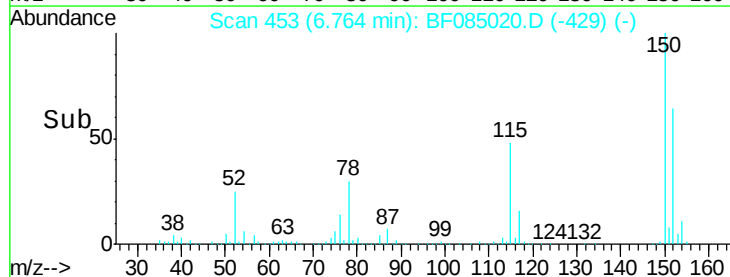
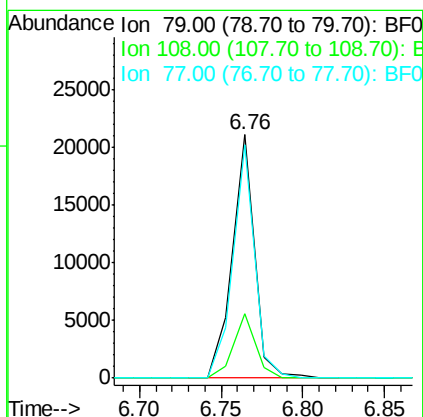
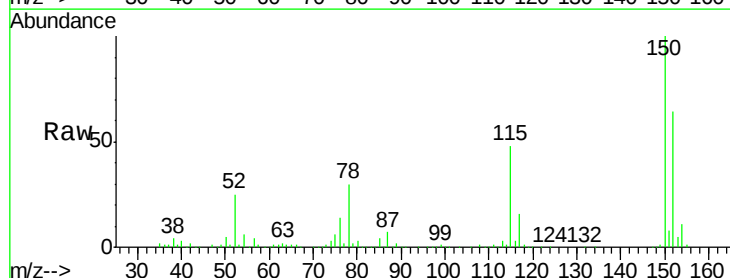
Delta R.T. -0.02 min

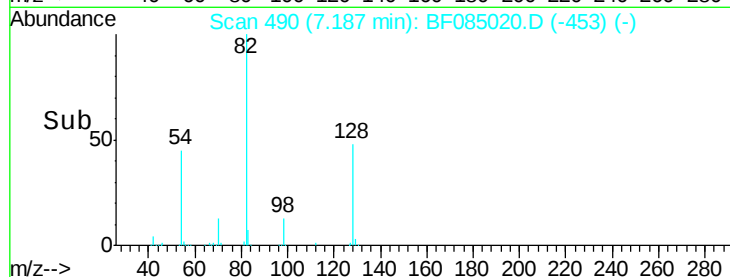
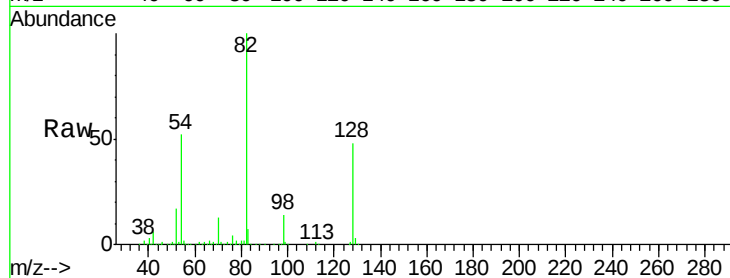
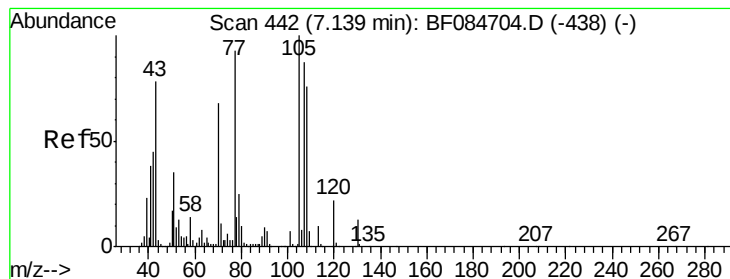
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Tgt Ion: 79 Resp: 19775

Ion	Ratio	Lower	Upper
79	100		
108	26.4	69.0	103.4#
77	95.7	50.0	75.0#





#19

n-Nitroso-di-n-propylamine

Concen: 23.07 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.13 min

Lab File: BF085020.D

Acq: 11 Feb 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SB02-2-3

Tgt Ion: 70 Resp: 170888

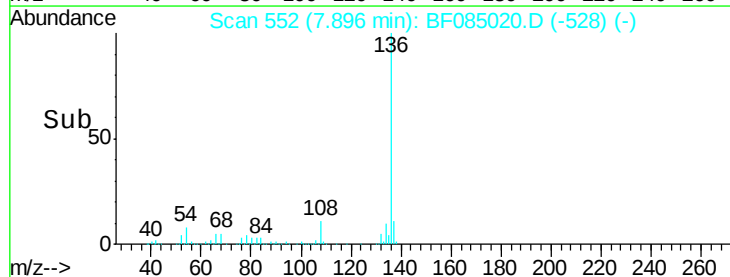
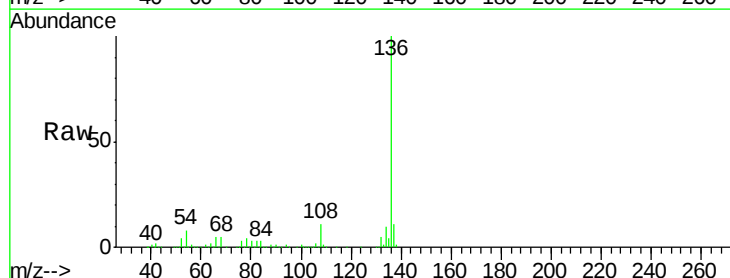
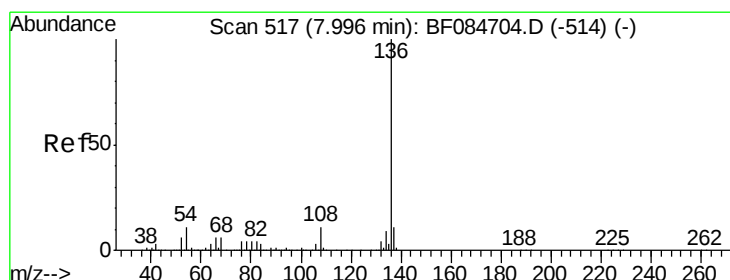
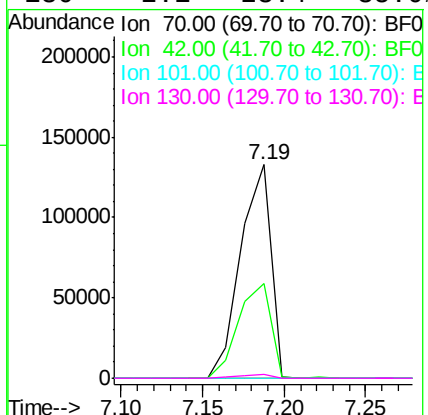
Ion Ratio Lower Upper

70 100

42 44.5 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085020.D

Acq: 11 Feb 2016 15:49

Tgt Ion:136 Resp: 674636

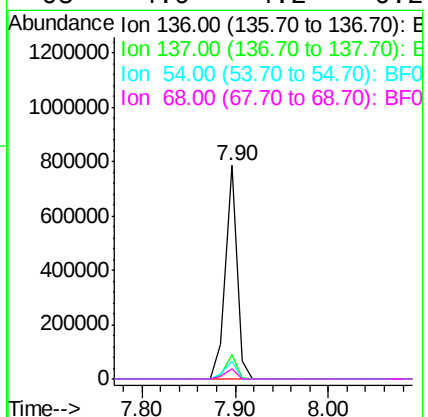
Ion Ratio Lower Upper

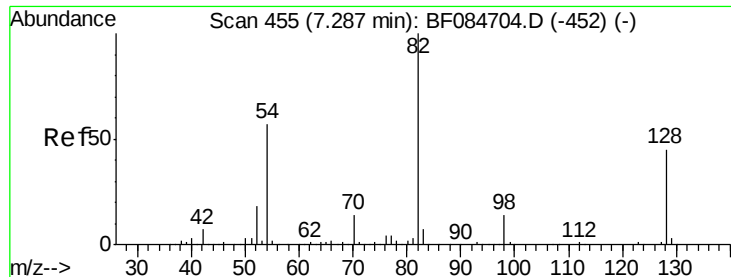
136 100

137 11.3 8.7 13.1

54 8.2 5.8 8.8

68 4.9 4.2 6.2

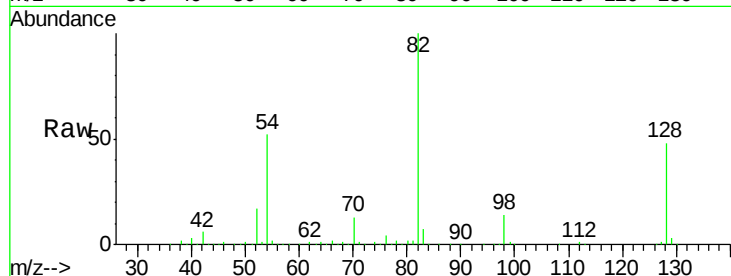




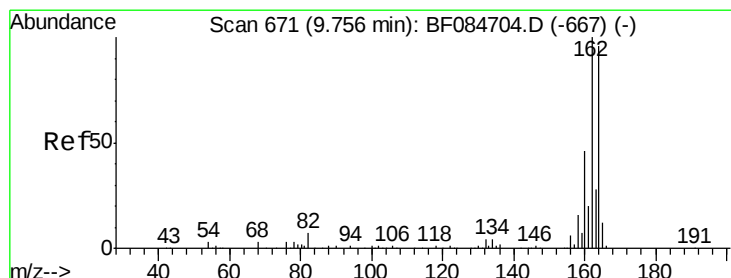
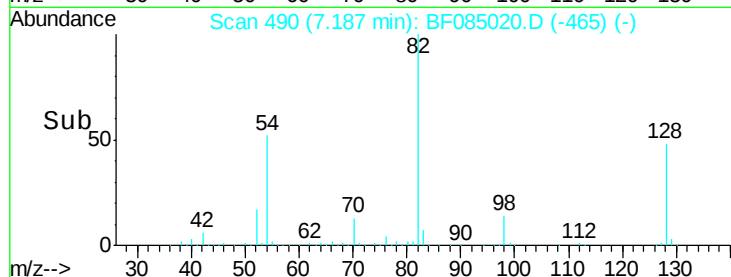
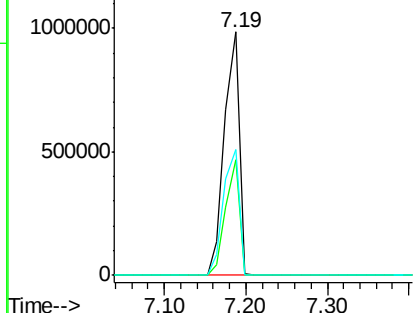
#23
 Nitrobenzene-d5
 Concen: 103.36 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085020.D
 Acq: 11 Feb 2016 15:49

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 BNA_F
 ClientSampleId :
 SB02-2-3

Tgt Ion: 82 Resp: 1237804
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.6 51.8
 54 51.8 38.4 57.6

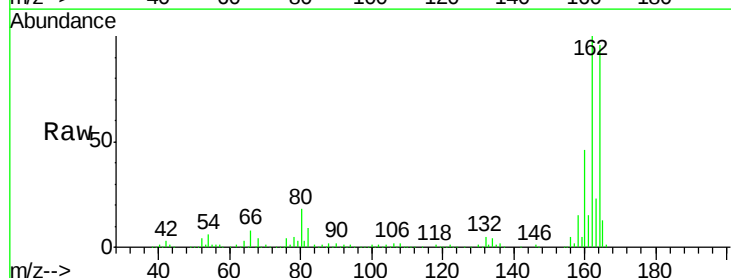


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

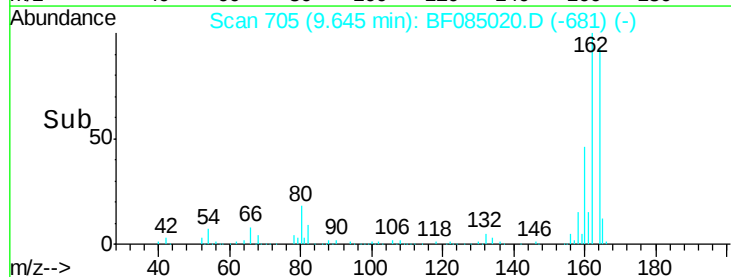
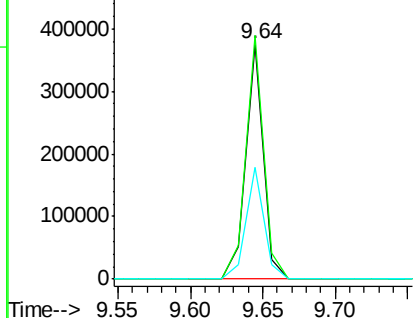


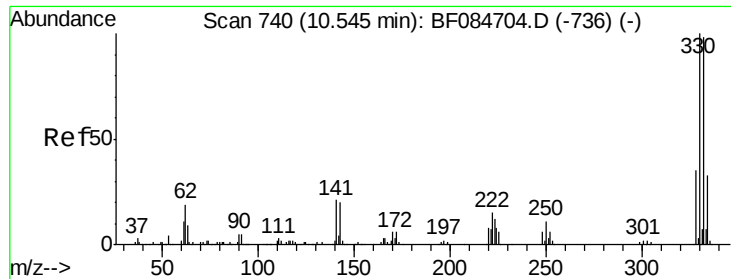
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085020.D
 Acq: 11 Feb 2016 15:49

Tgt Ion: 164 Resp: 316745
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.1 127.7
 160 47.6 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

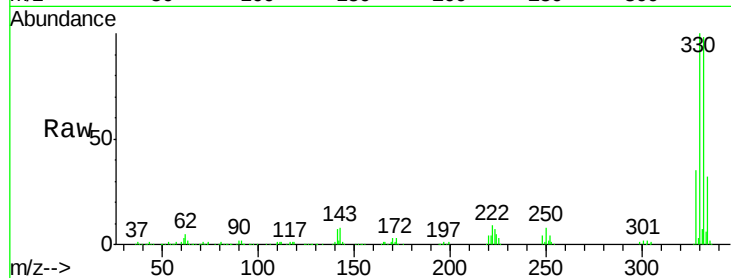




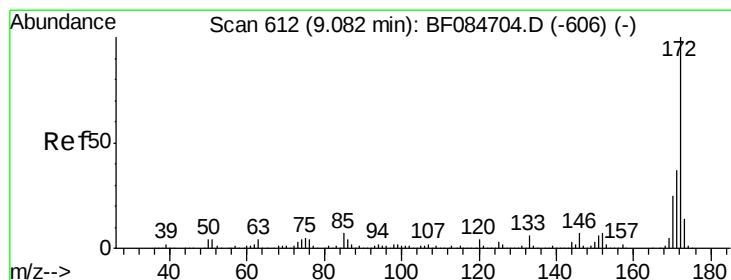
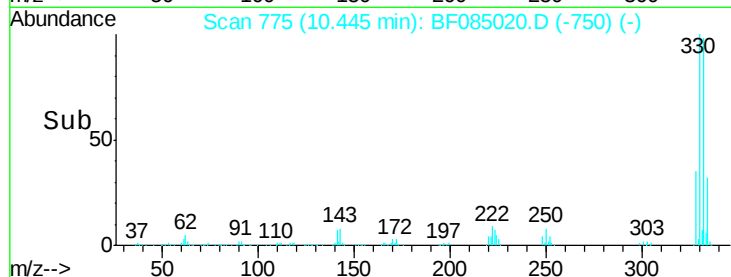
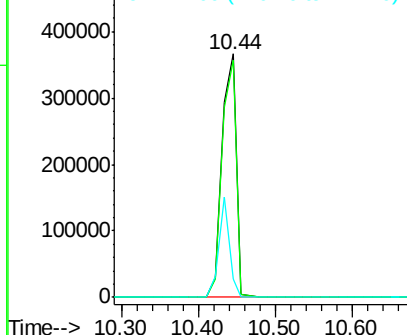
#41
 2,4,6-Tribromophenol
 Concen: 145.36 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085020.D
 Acq: 11 Feb 2016 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SB02-2-3

Tgt Ion:330 Resp: 480266
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 30.6 27.8 41.6

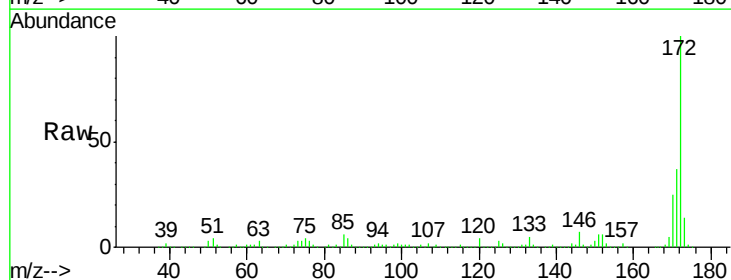


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

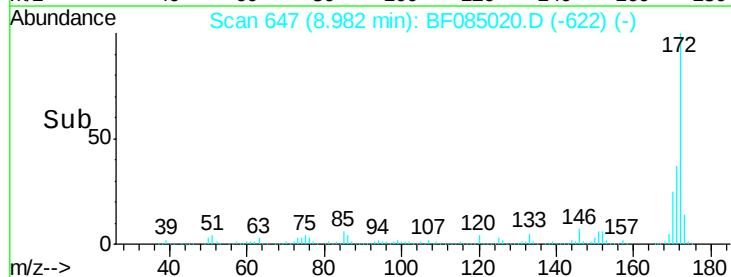
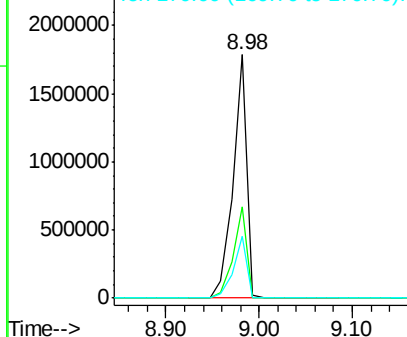


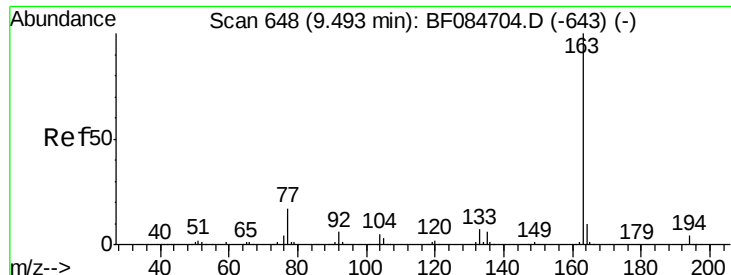
#44
 2-Fluorobiphenyl
 Concen: 106.42 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085020.D
 Acq: 11 Feb 2016 15:49

Tgt Ion:172 Resp: 1832862
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.5 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

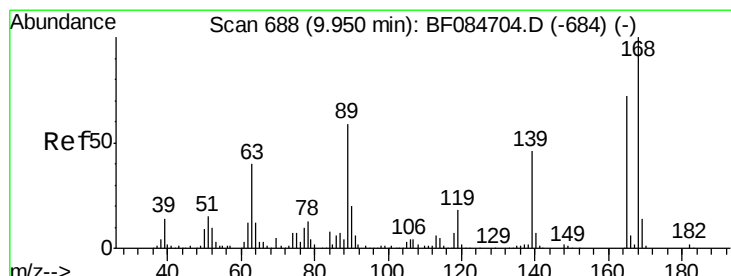
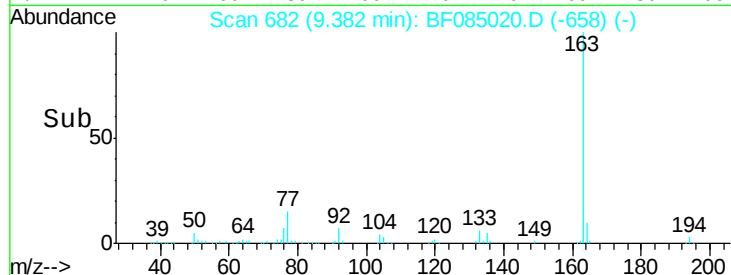
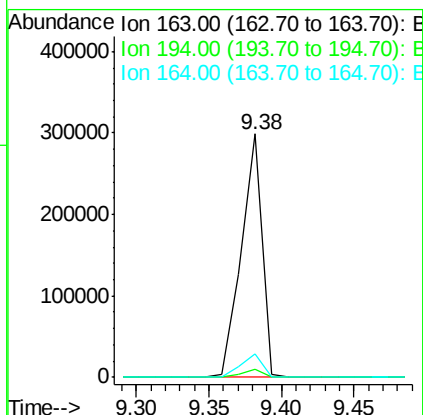
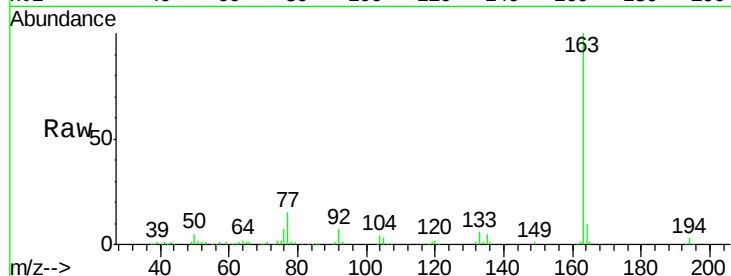




#49
Dimethylphthalate
Concen: 12.36 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF085020.D
Acq: 11 Feb 2016 15:49

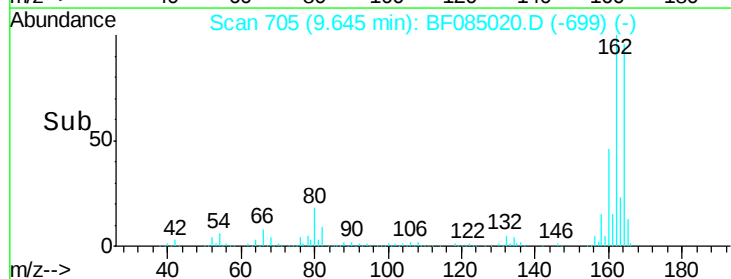
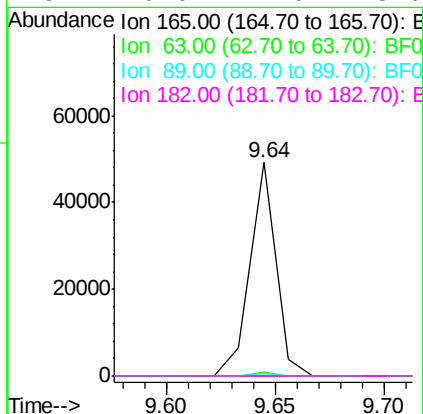
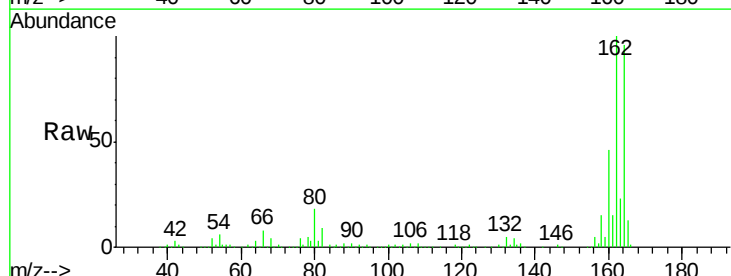
Instrument :
BNA_F
ClientSampleId :
SB02-2-3

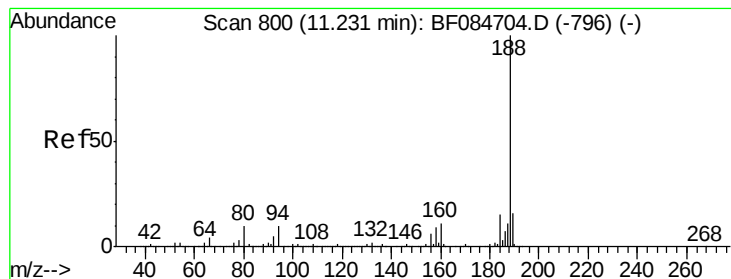
Tgt Ion:163 Resp: 298084
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 9.6 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 6.06 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.23 min
Lab File: BF085020.D
Acq: 11 Feb 2016 15:49

Tgt Ion:165 Resp: 40730
Ion Ratio Lower Upper
165 100
63 1.6 36.7 55.1#
89 1.4 61.9 92.9#
182 0.0 2.0 3.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF085020.D

Acq: 11 Feb 2016 15:49

Instrument :

BNA_F

ClientSampleId :

SB02-2-3

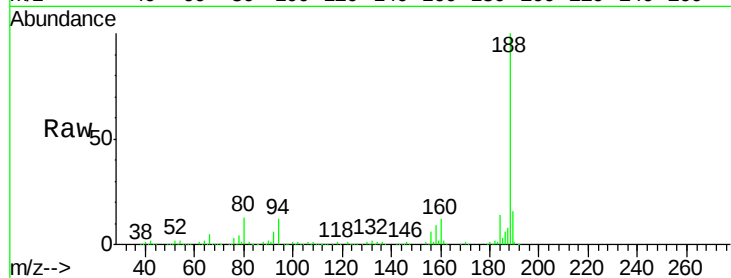
Tgt Ion:188 Resp: 543953

Ion Ratio Lower Upper

188 100

94 11.7 9.0 13.4

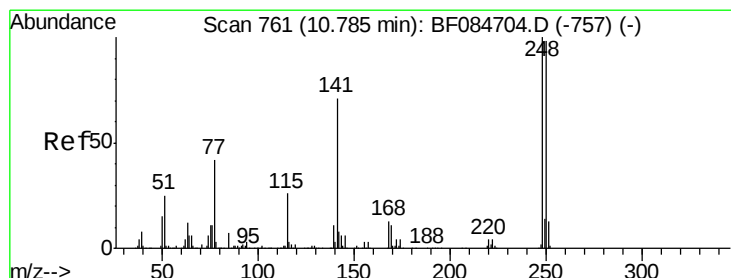
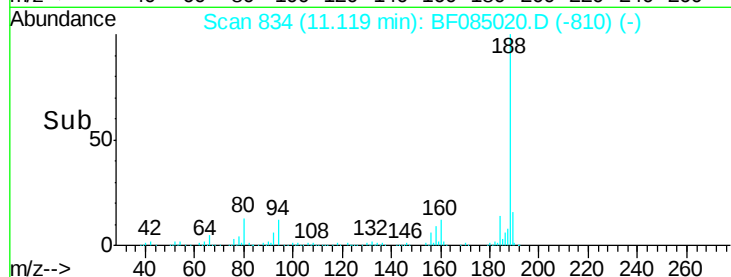
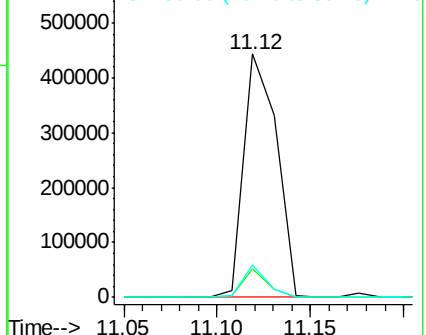
80 13.3 9.6 14.4



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: 4.62 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.26 min

Lab File: BF085020.D

Acq: 11 Feb 2016 15:49

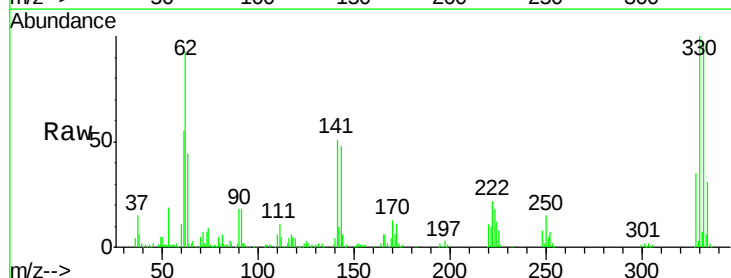
Tgt Ion:248 Resp: 27776

Ion Ratio Lower Upper

248 100

250 196.4 78.4 117.6#

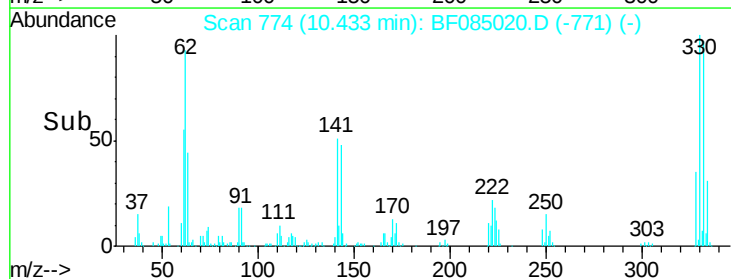
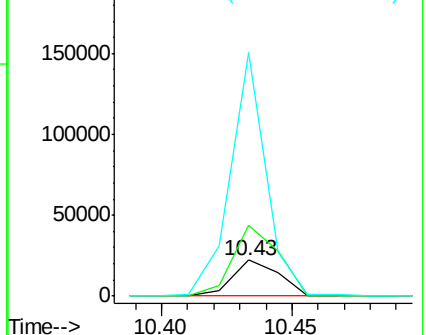
141 673.7 44.0 66.0#

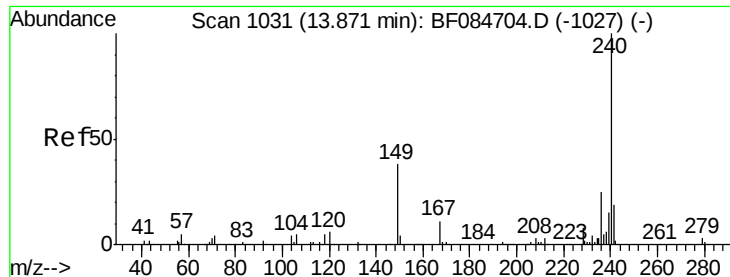


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.02 min

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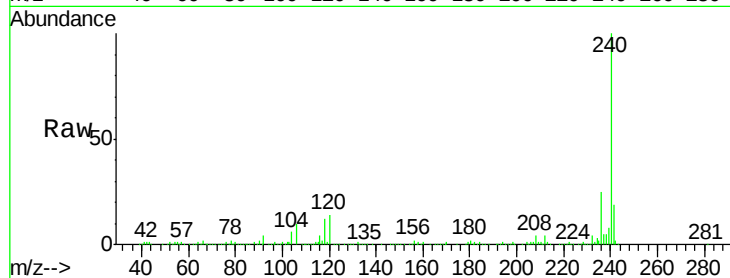
Tgt Ion:240 Resp: 379807

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

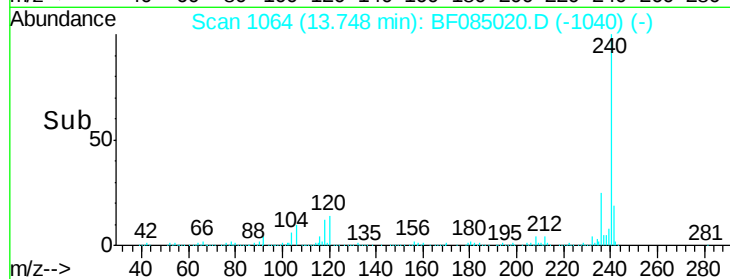
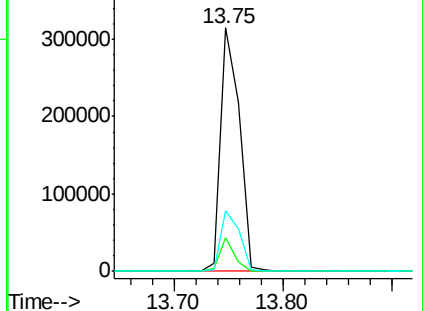
236 25.0 20.6 31.0



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: 96.22 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085020.D

Acq: 11 Feb 2016 15:49

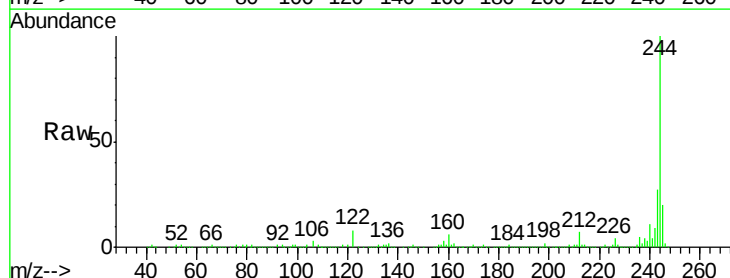
Tgt Ion:244 Resp: 1612786

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

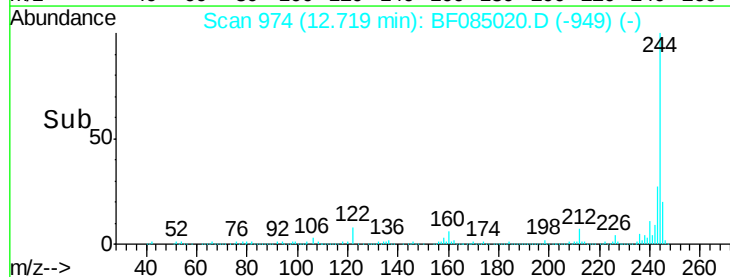
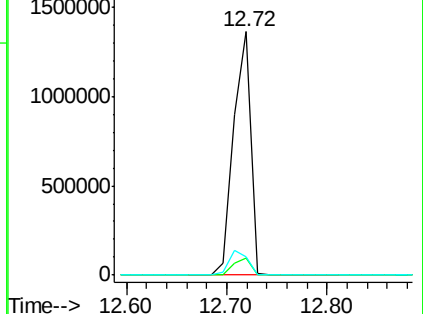
122 7.8 7.4 11.0

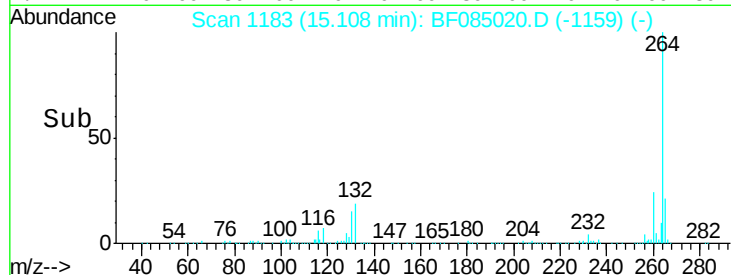
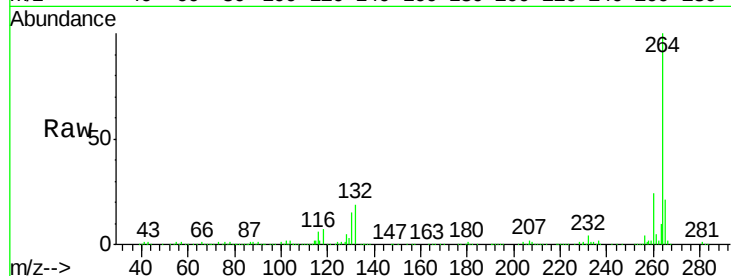
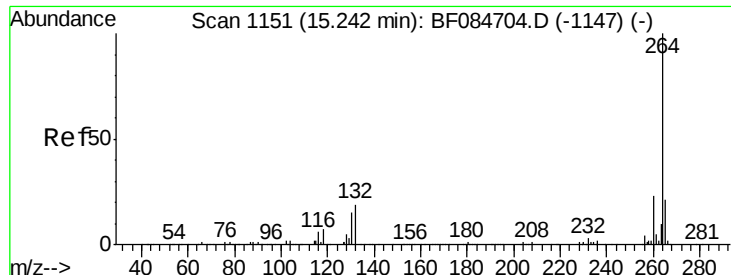


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085020.D
Acq: 11 Feb 2016 15:49

Instrument :
BNA_F
ClientSampleId :
SB02-2-3

Tgt Ion:	264	Resp:	317790
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.3	17.8	26.6

