

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085025.D
 Acq On : 11 Feb 2016 18:39
 Operator : SJ/IZ
 Sample : H1377-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3

Quant Time: Feb 11 22:14:41 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

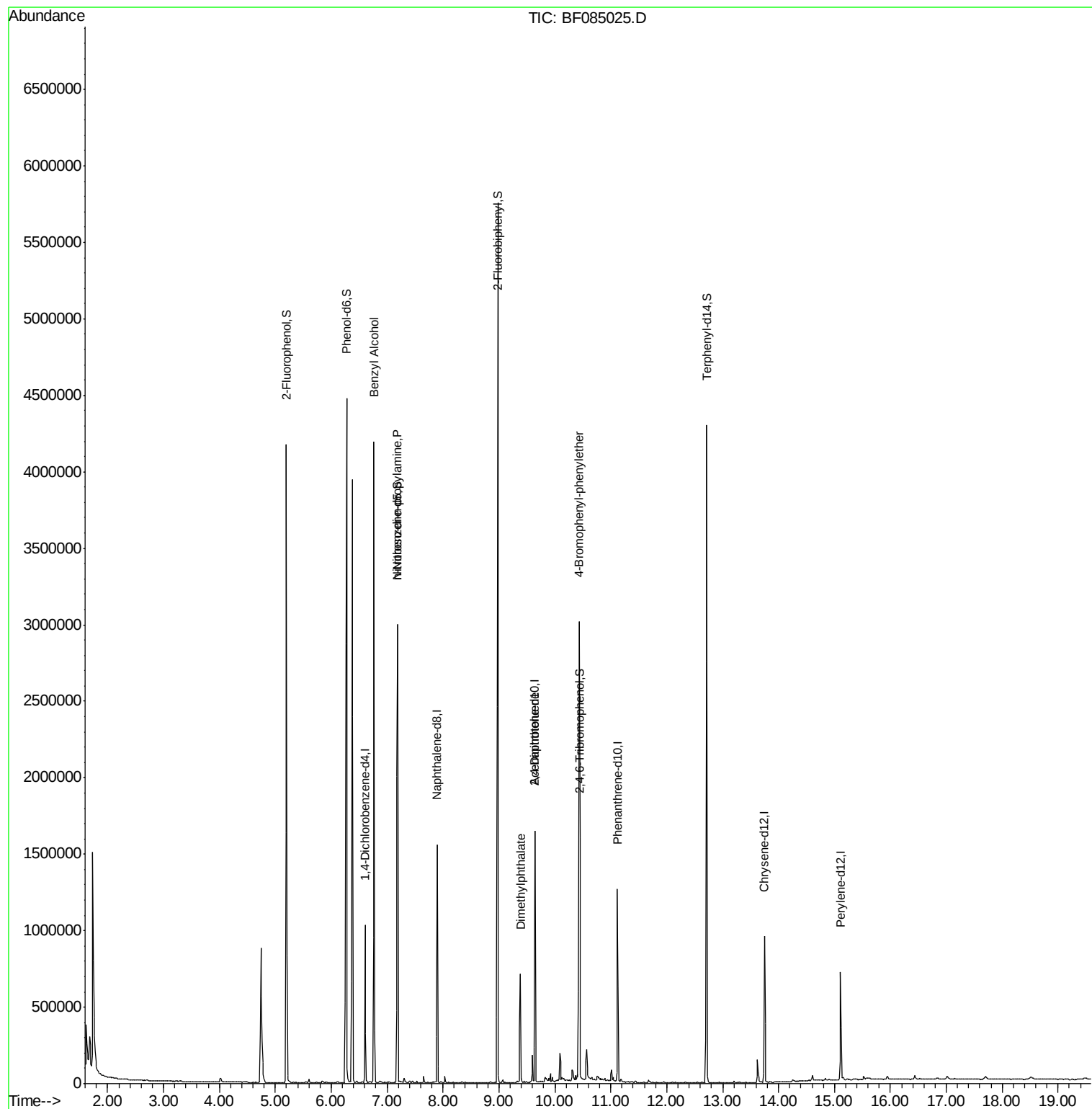
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	149607	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	671637	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	305756	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	538718	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	366174	20.00	ng	-0.02
86) Perylene-d12	15.11	264	310145	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1302157	135.57	ng	0.00
7) Phenol-d6	6.27	99	1877844	157.70	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1282692	107.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	492720	154.49	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1940024	129.17	ng	-0.01
78) Terphenyl-d14	12.72	244	1678051	103.84	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.76	79	19478	2.37	ng	# 46
19) n-Nitroso-di-n-propylamine	7.19	70	177704	23.81	ng	# 76
49) Dimethylphthalate	9.38	163	340786	14.63	ng	# 91
56) 2,4-Dinitrotoluene	9.64	165	38570	5.94	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	27453	4.61	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

Lab File: BF085025.D

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SB03-2-3

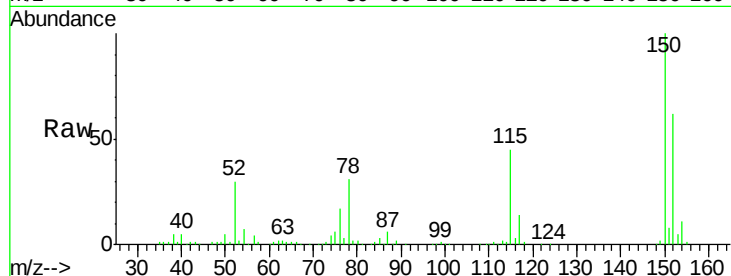
Tgt Ion:152 Resp: 149607

Ion Ratio Lower Upper

152 100

150 162.4 123.0 184.4

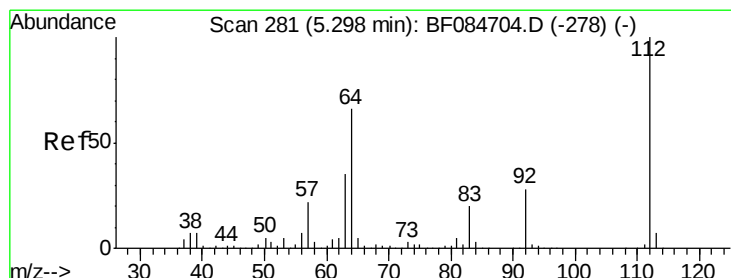
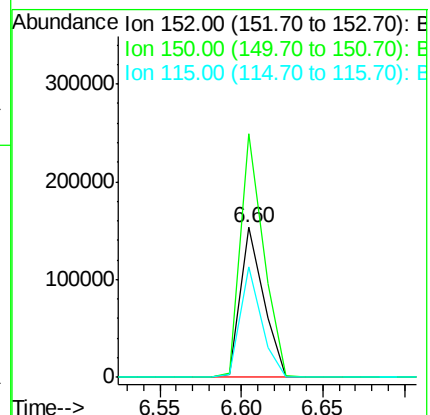
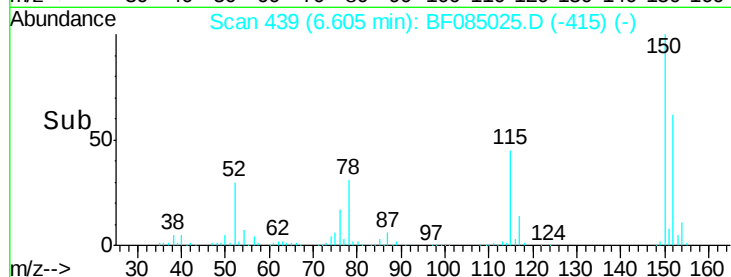
115 73.8 51.4 77.2



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: 135.57 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085025.D

Acq: 11 Feb 2016 18:39

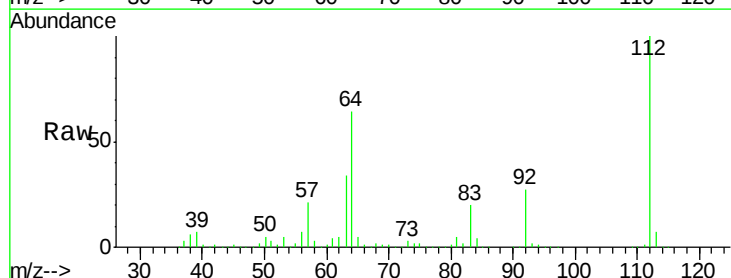
Tgt Ion:112 Resp: 1302157

Ion Ratio Lower Upper

112 100

64 63.9 36.6 55.0#

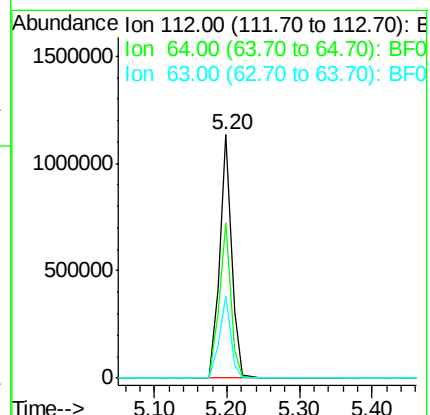
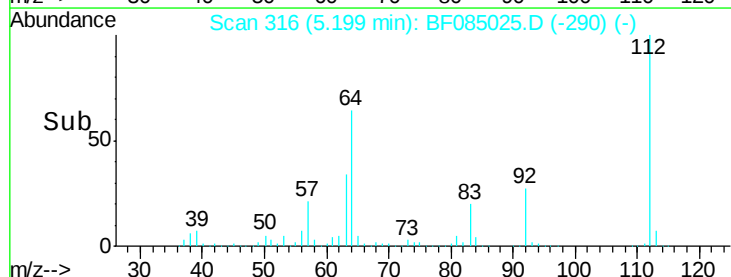
63 33.9 19.4 29.0#



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: 157.70 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085025.D

Acq: 11 Feb 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SB03-2-3

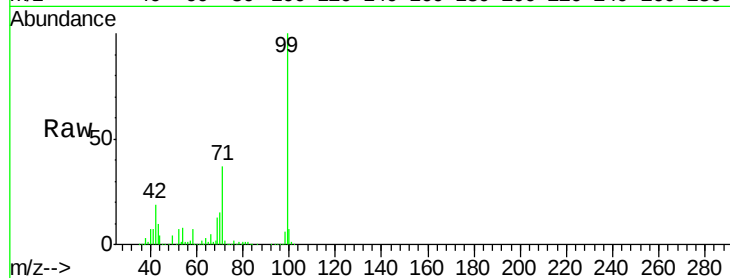
Tgt Ion: 99 Resp: 1877844

Ion Ratio Lower Upper

99 100

42 18.9 12.8 19.2

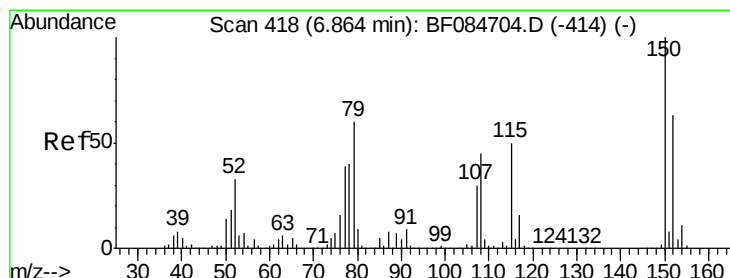
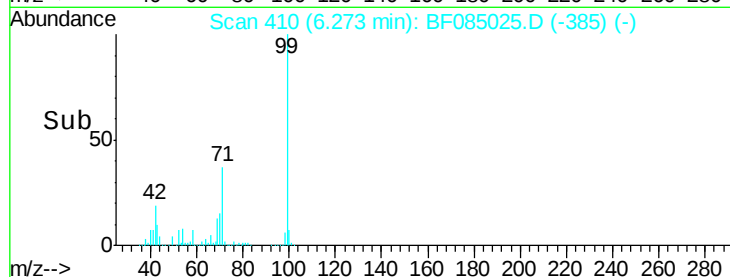
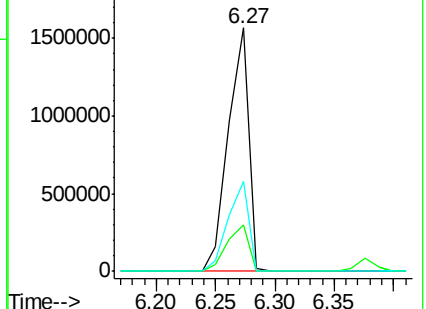
71 36.8 30.9 46.3



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: 2.37 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085025.D

Acq: 11 Feb 2016 18:39

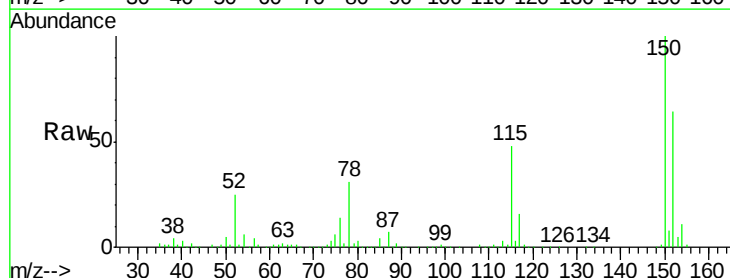
Tgt Ion: 79 Resp: 19478

Ion Ratio Lower Upper

79 100

108 27.2 69.0 103.4#

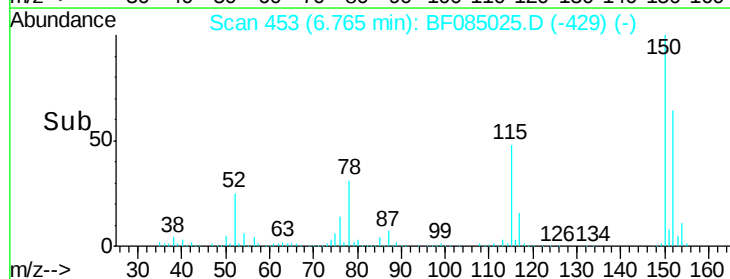
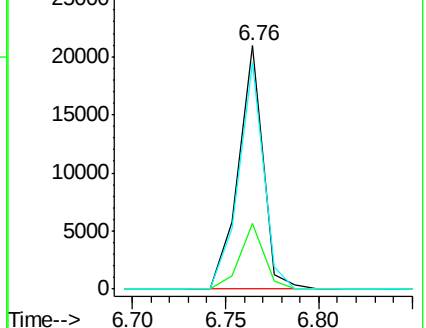
77 93.3 50.0 75.0#

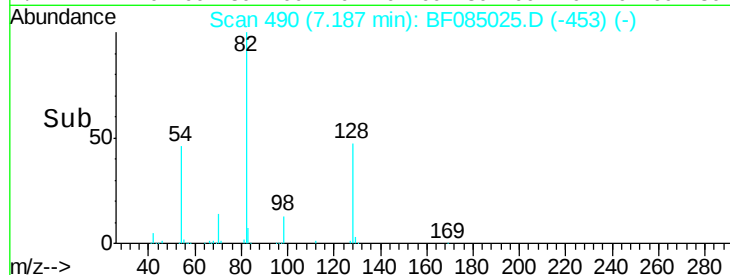
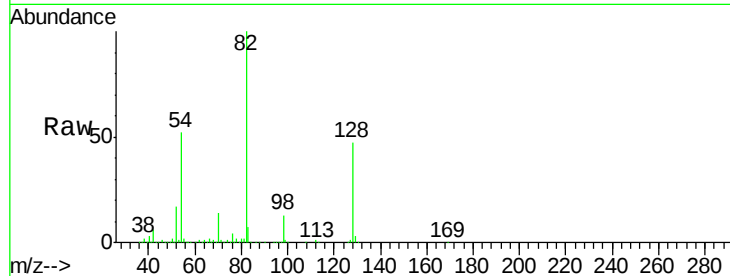


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

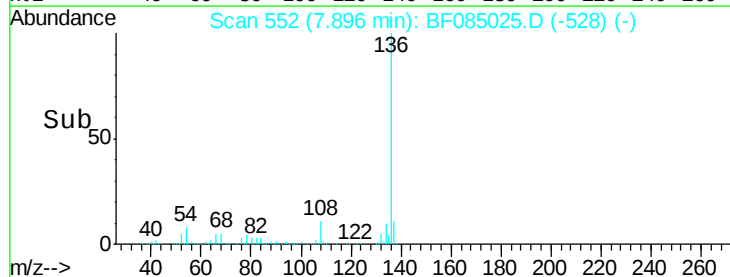
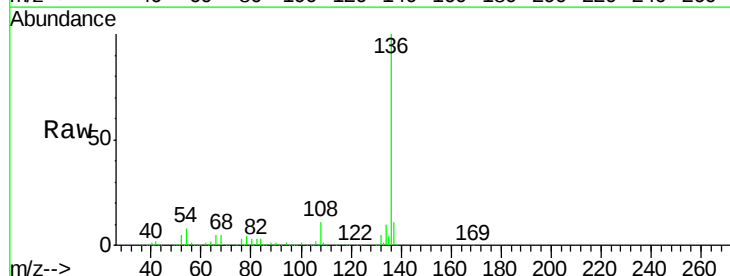
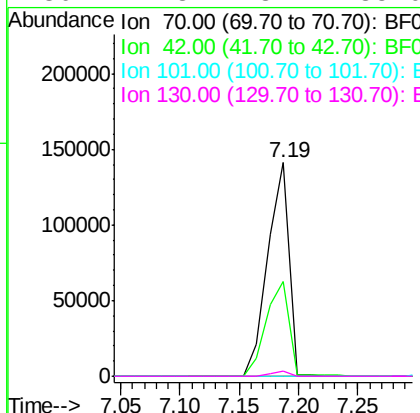




#19
n-Nitroso-di-n-propylamine
Concen: 23.81 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.13 min
Lab File: BF085025.D
Acq: 11 Feb 2016 18:39

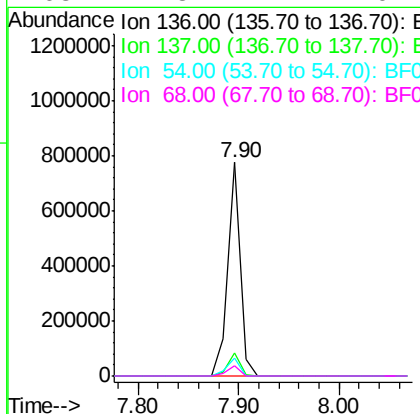
Instrument :
BNA_F
ClientSampleId :
SB03-2-3

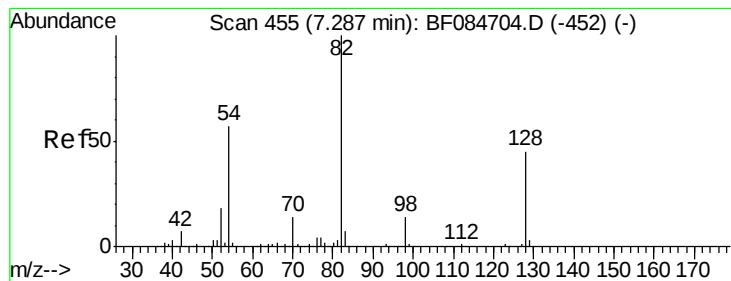
Tgt Ion:	70	Resp:	177704
Ion	Ratio	Lower	Upper
70	100		
42	44.3	33.3	49.9
101	0.0	9.3	13.9#
130	2.3	23.4	35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085025.D
Acq: 11 Feb 2016 18:39

Tgt Ion:	136	Resp:	671637
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.5	5.8	8.8
68	4.8	4.2	6.2





#23

Nitrobenzene-d5

Concen: 107.58 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085025.D

Acq: 11 Feb 2016 18:39

Instrument :

BNA_F

ClientSampled :

SB03-2-3

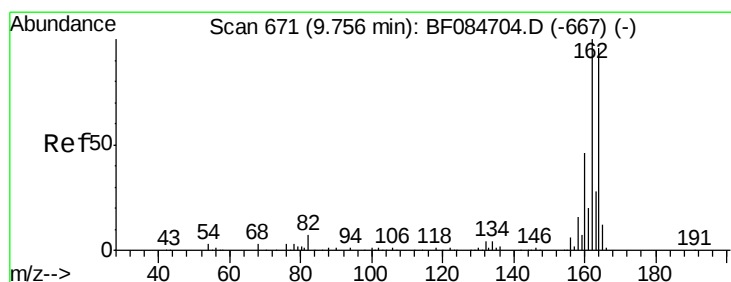
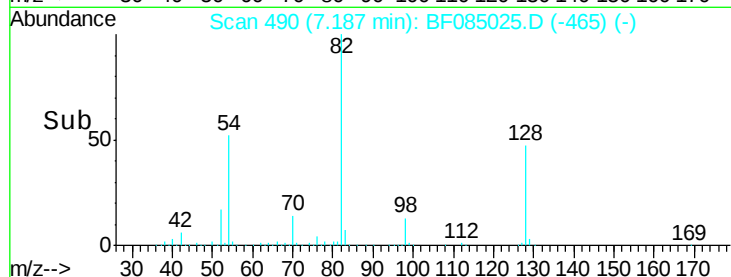
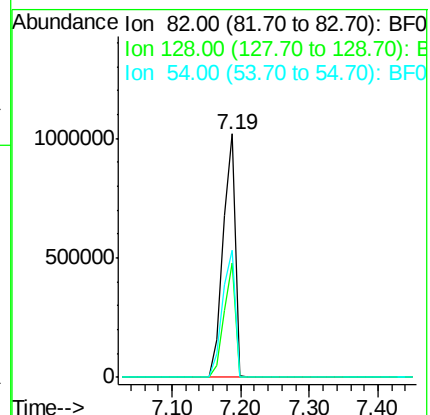
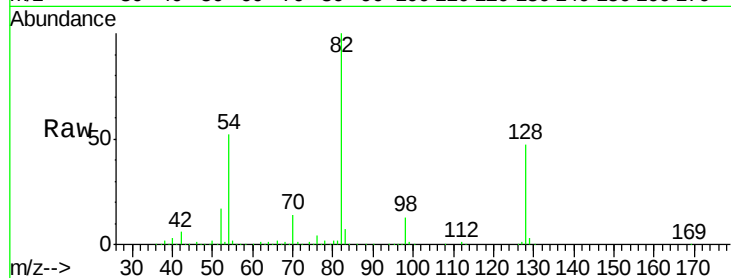
Tgt Ion: 82 Resp: 1282692

Ion Ratio Lower Upper

82 100

128 47.1 34.6 51.8

54 52.4 38.4 57.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085025.D

Acq: 11 Feb 2016 18:39

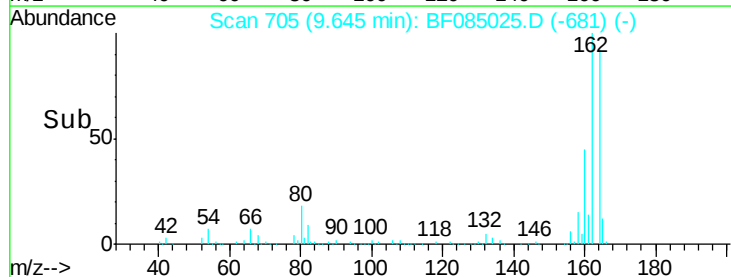
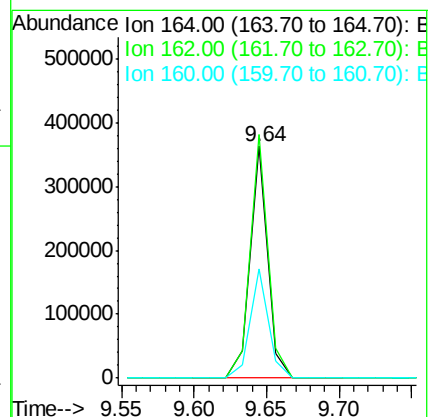
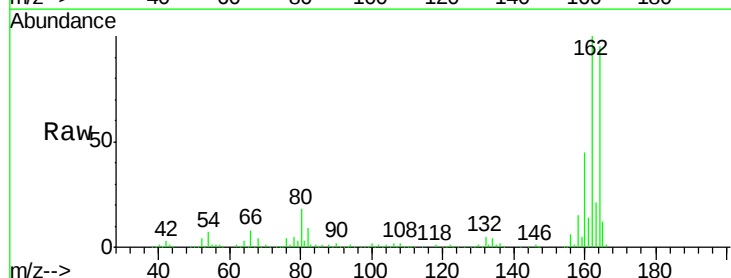
Tgt Ion: 164 Resp: 305756

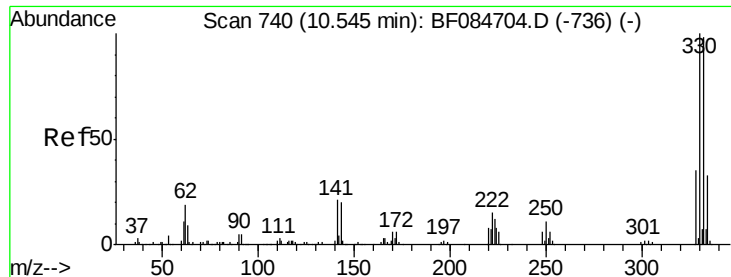
Ion Ratio Lower Upper

164 100

162 105.0 85.1 127.7

160 46.8 37.5 56.3

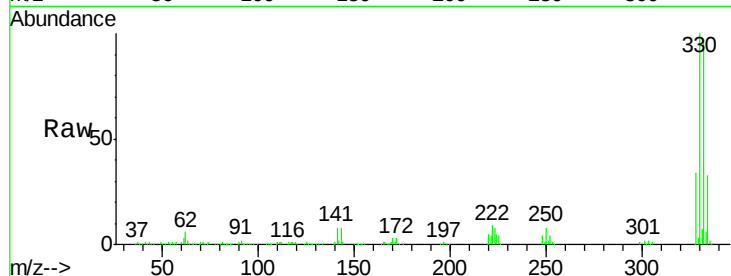




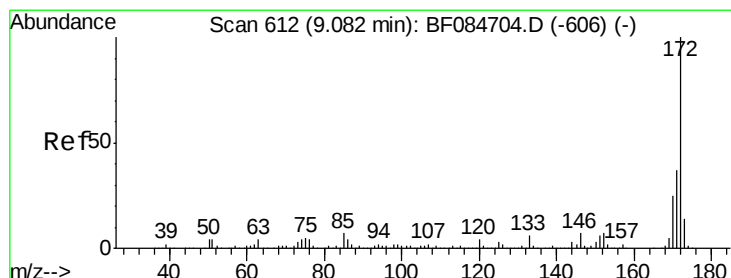
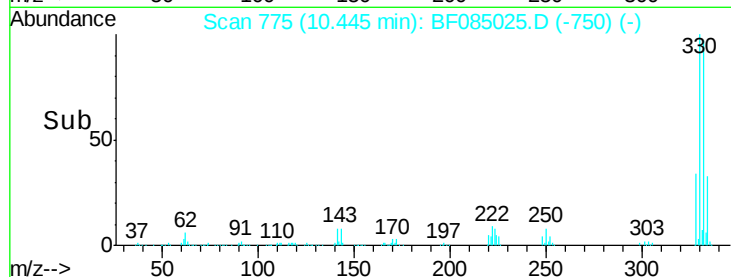
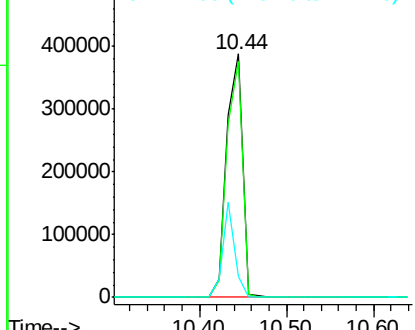
#41
 2,4,6-Tribromophenol
 Concen: 154.49 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085025.D
 Acq: 11 Feb 2016 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3

Tgt Ion:330 Resp: 492720
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 30.3 27.8 41.6

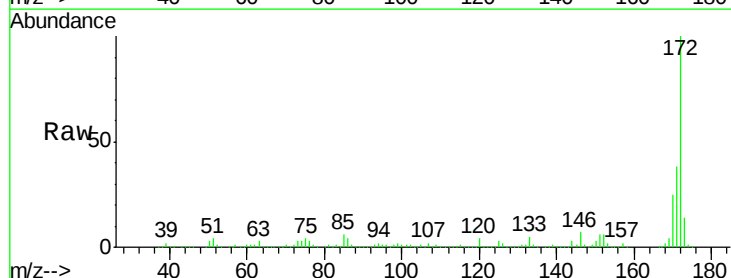


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

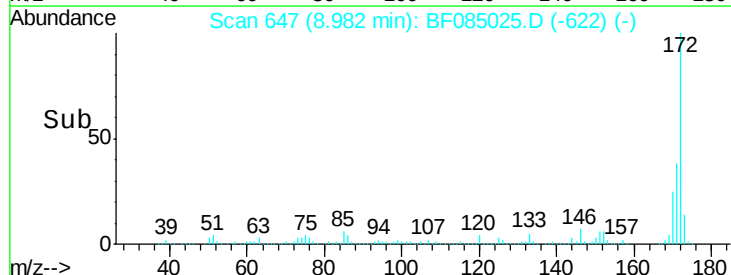
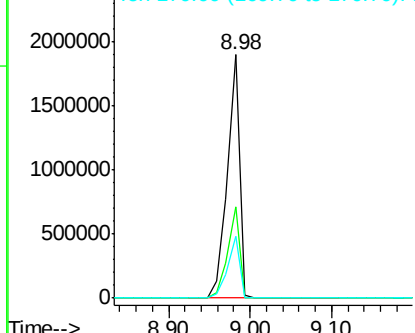


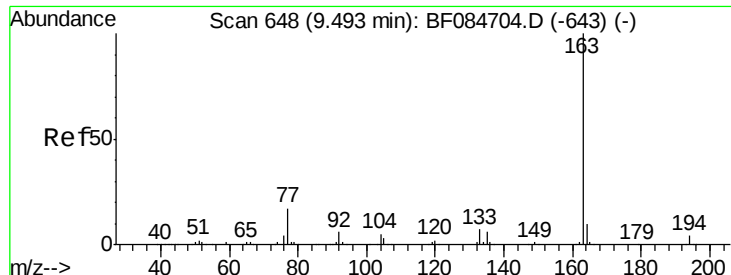
#44
 2-Fluorobiphenyl
 Concen: 129.17 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085025.D
 Acq: 11 Feb 2016 18:39

Tgt Ion:172 Resp: 1940024
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.9 43.3
 170 25.4 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

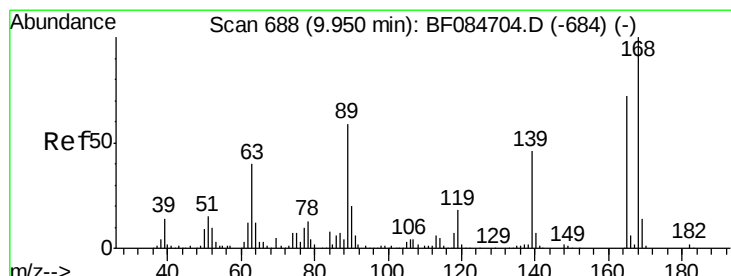
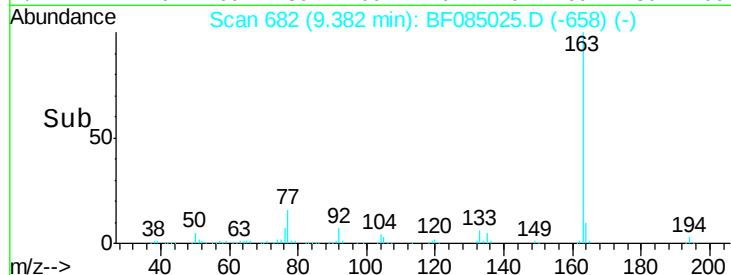
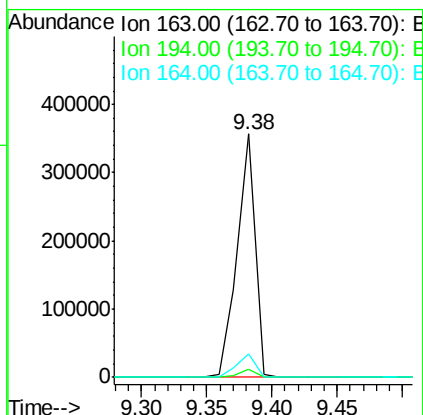
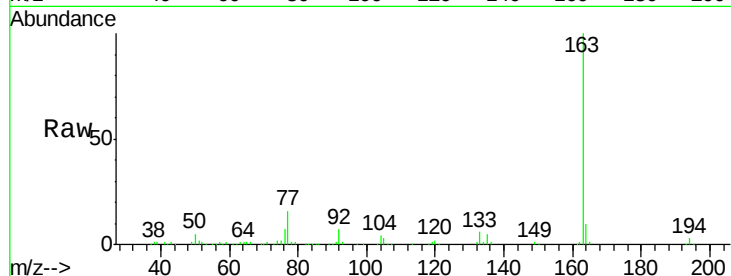




#49
Dimethylphthalate
Concen: 14.63 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF085025.D
Acq: 11 Feb 2016 18:39

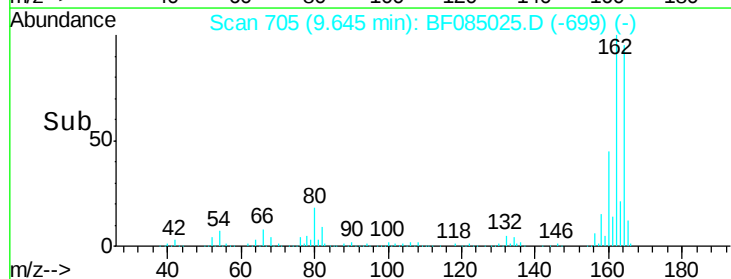
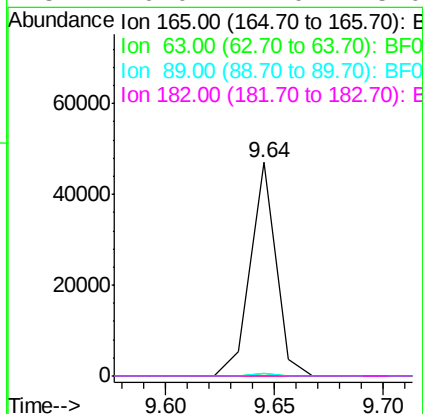
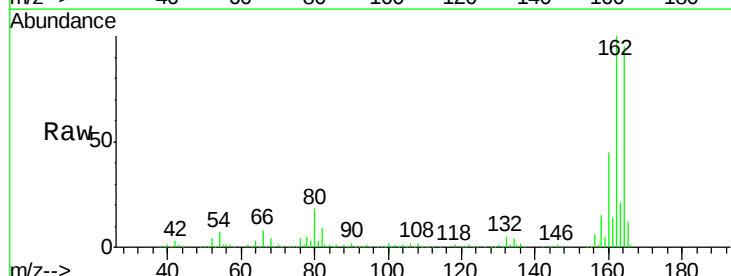
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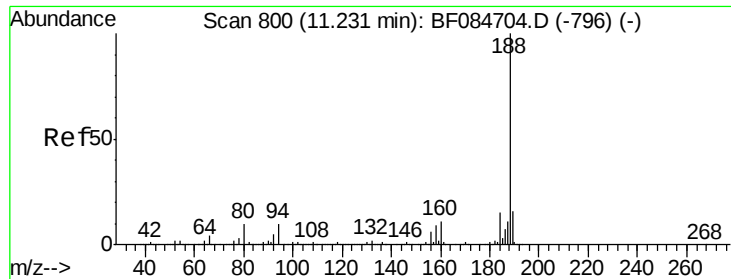
Tgt Ion:163 Resp: 340786
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 9.8 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.23 min
Lab File: BF085025.D
Acq: 11 Feb 2016 18:39

Tgt Ion:165 Resp: 38570
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.4 61.9 92.9#
182 0.0 2.0 3.0#

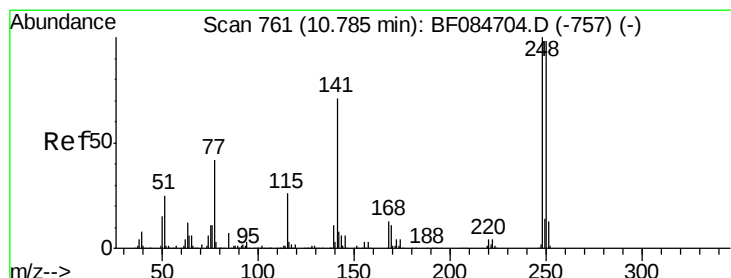
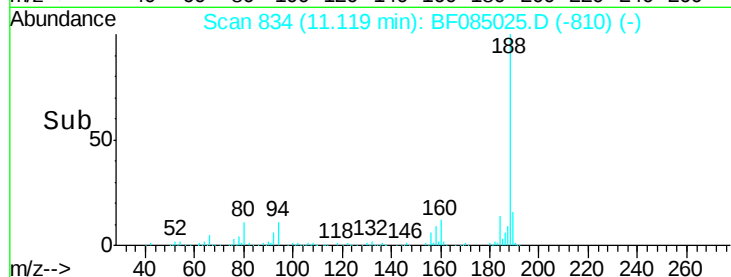
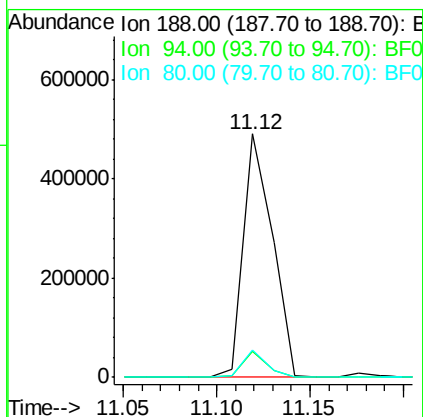
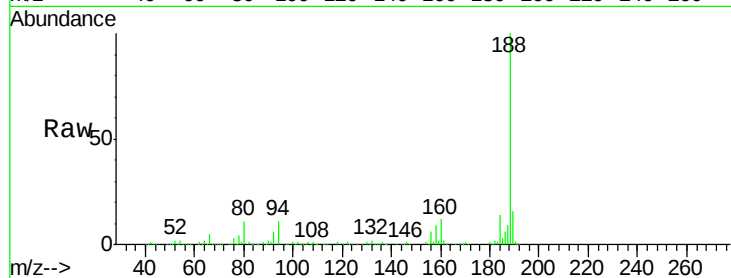




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF085025.D
Acq: 11 Feb 2016 18:39

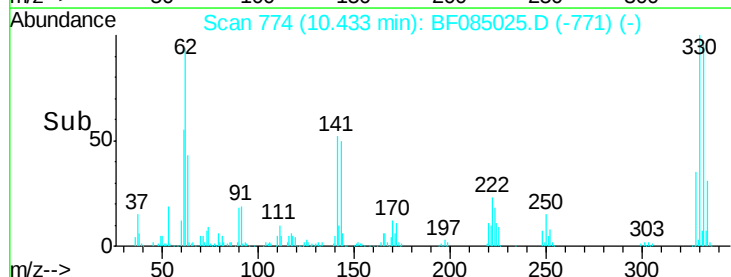
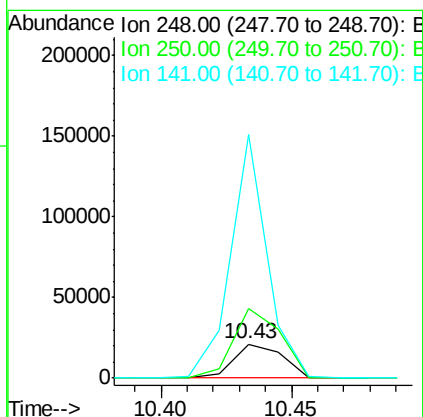
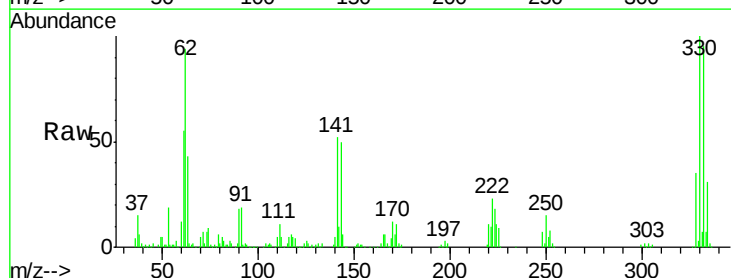
Instrument :
BNA_F
ClientSampleId :
SB03-2-3

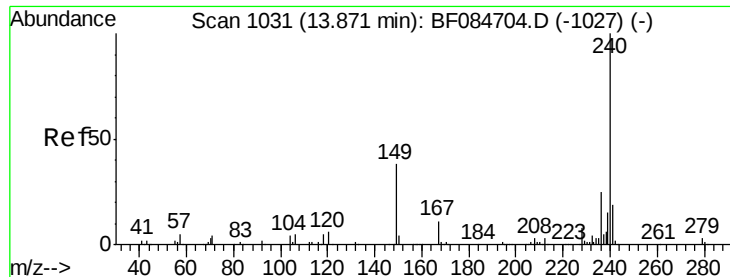
Tgt Ion:188 Resp: 538718
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 11.4 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085025.D
Acq: 11 Feb 2016 18:39

Tgt Ion:248 Resp: 27453
Ion Ratio Lower Upper
248 100
250 205.3 78.4 117.6#
141 722.0 44.0 66.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF085025.D

Acq: 11 Feb 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SB03-2-3

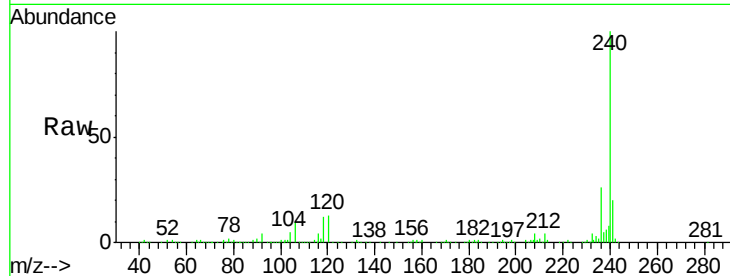
Tgt Ion:240 Resp: 366174

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

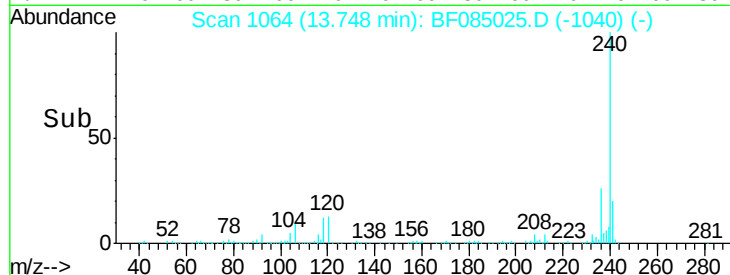
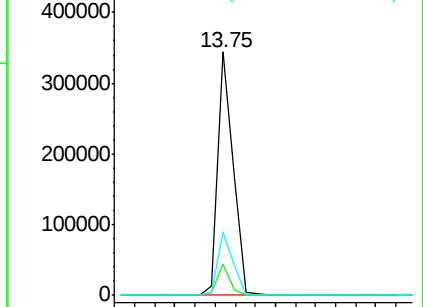
236 26.0 20.6 31.0



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: 103.84 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085025.D

Acq: 11 Feb 2016 18:39

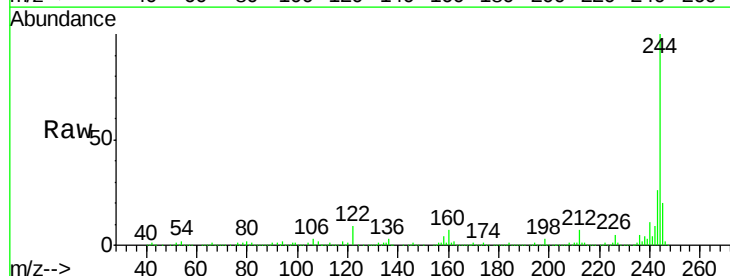
Tgt Ion:244 Resp: 1678051

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

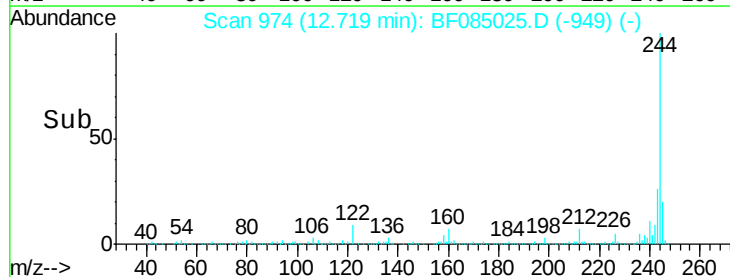
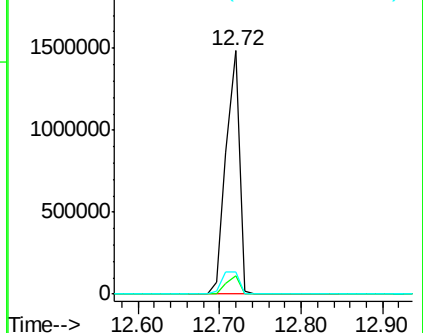
122 9.0 7.4 11.0

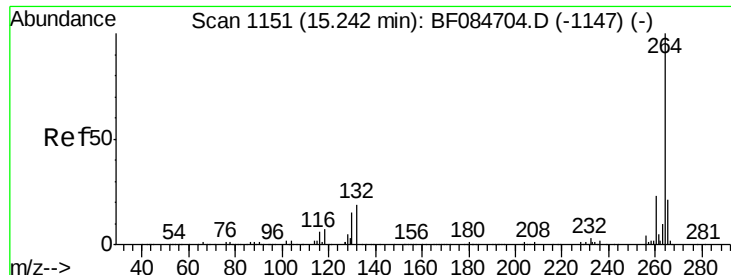


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

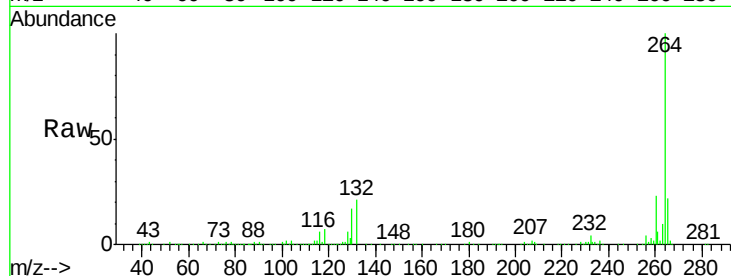




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085025.D
Acq: 11 Feb 2016 18:39

Instrument :
BNA_F
ClientSampleId :
SB03-2-3

Tgt Ion: 264 Resp: 310145
Ion Ratio Lower Upper
264 100
260 22.7 19.4 29.2
265 21.8 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

