

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085019.D
 Acq On : 11 Feb 2016 15:21
 Operator : SJ/IZ
 Sample : H1377-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB02-0-1

Quant Time: Feb 11 16:05:31 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

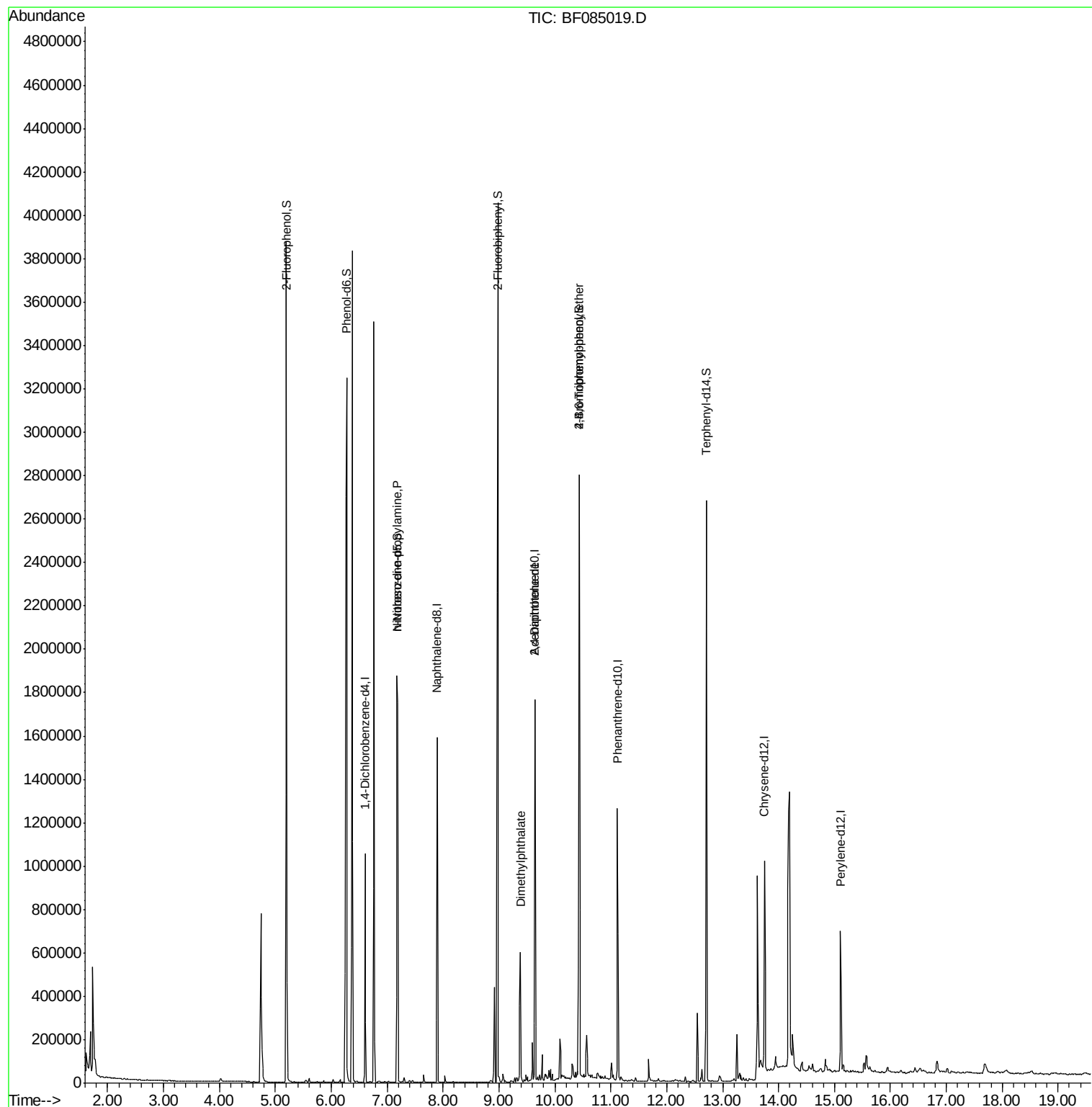
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	151953	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	682048	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	323426	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	541341	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	376471	20.00	ng	-0.02
86) Perylene-d12	15.11	264	306438	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1096061	112.35	ng	0.00
7) Phenol-d6	6.27	99	1584317	131.00	ng	-0.01
23) Nitrobenzene-d5	7.18	82	943119	77.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	344220	102.03	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1554639	79.06	ng	-0.01
78) Terphenyl-d14	12.71	244	1182090	71.15	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	126523	16.69	ng	# 70
49) Dimethylphthalate	9.38	163	292825	11.89	ng	# 91
56) 2,4-Dinitrotoluene	9.64	165	41672	6.07	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	20882	3.49	ng	# 1

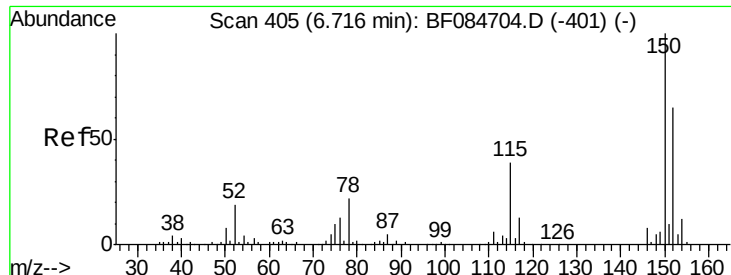
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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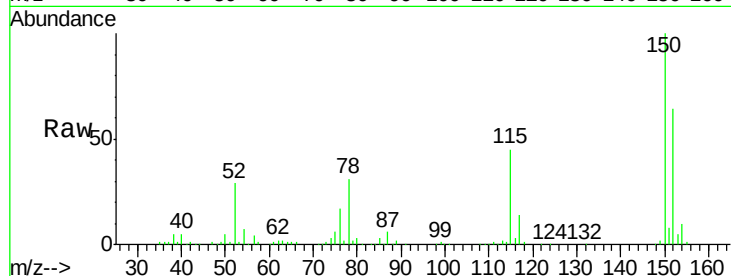


#1

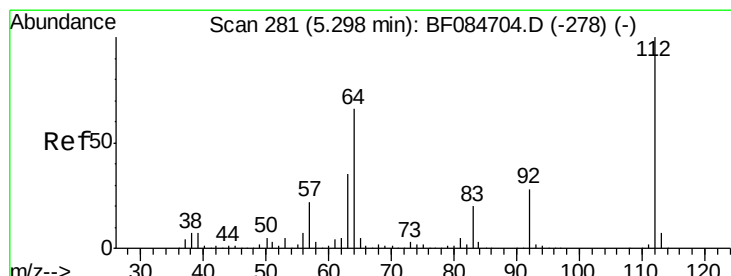
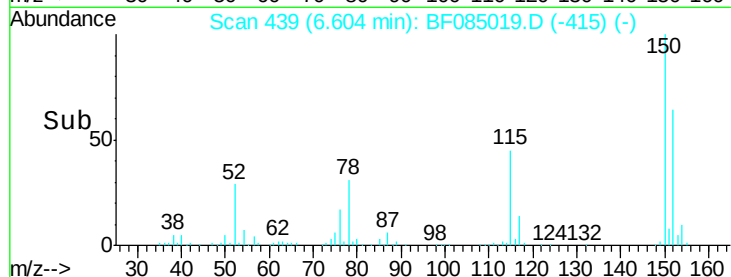
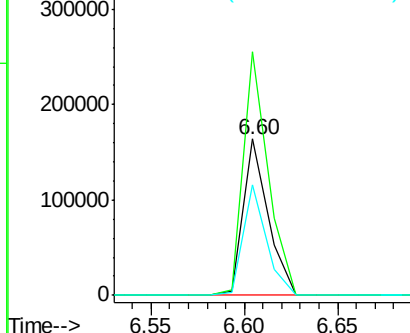
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF085019.D
Acq: 11 Feb 2016 15:21

Instrument :
BNA_F
ClientSampleId :
SB02-0-1

Tgt Ion:152 Resp: 151953
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.4
115 70.7 51.4 77.2



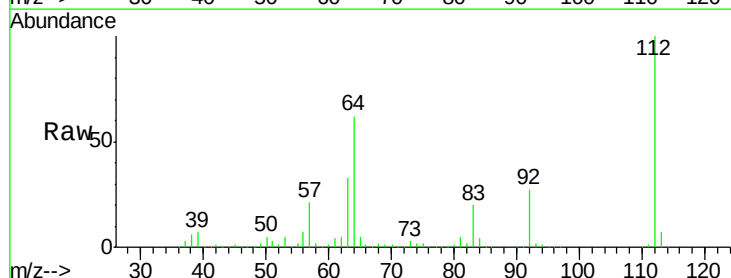
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



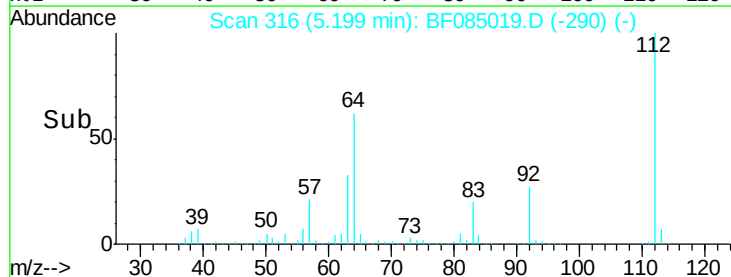
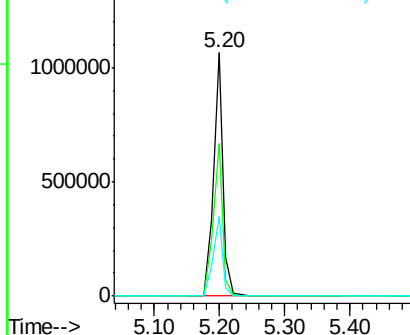
#5

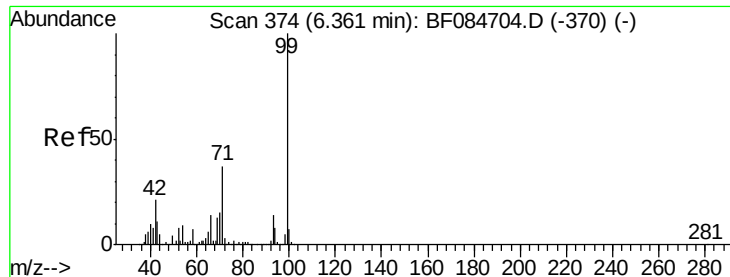
2-Fluorophenol
Concen: 112.35 ng
RT: 5.20 min Scan# 316
Delta R.T. -0.00 min
Lab File: BF085019.D
Acq: 11 Feb 2016 15:21

Tgt Ion:112 Resp: 1096061
Ion Ratio Lower Upper
112 100
64 62.5 36.6 55.0#
63 32.8 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: 131.00 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085019.D

Acq: 11 Feb 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB02-0-1

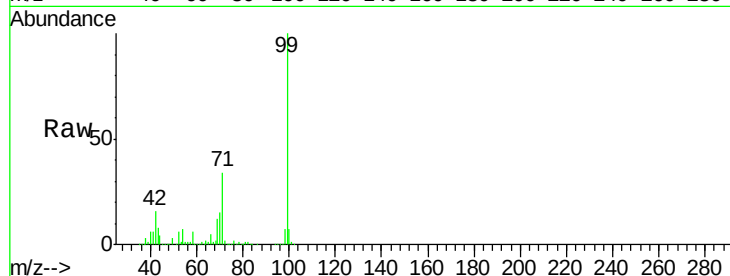
Tgt Ion: 99 Resp: 1584317

Ion Ratio Lower Upper

99 100

42 16.2 12.8 19.2

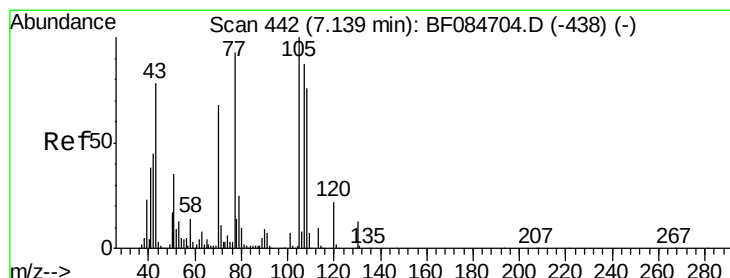
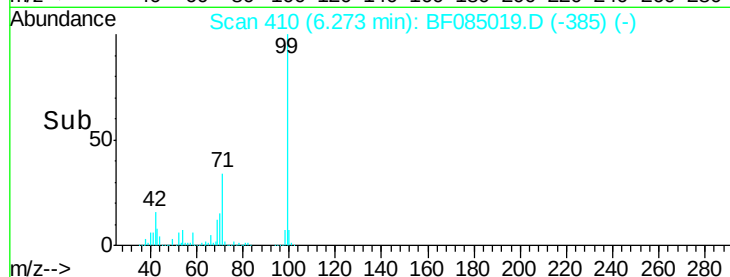
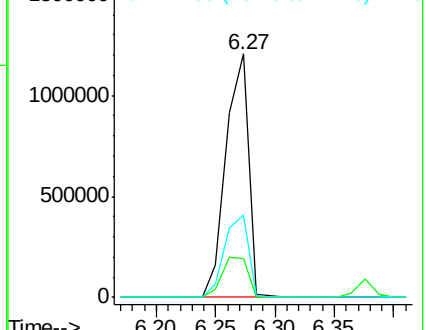
71 33.6 30.9 46.3



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: 16.69 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.11 min

Lab File: BF085019.D

Acq: 11 Feb 2016 15:21

Tgt Ion: 70 Resp: 126523

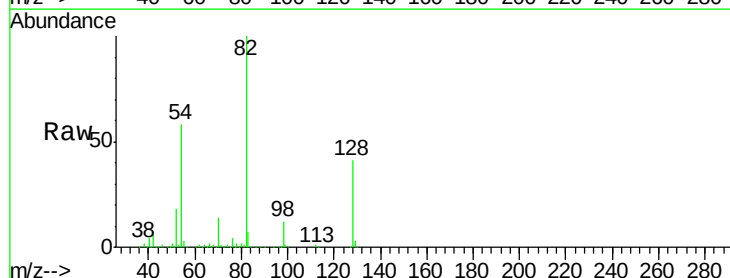
Ion Ratio Lower Upper

70 100

42 51.2 33.3 49.9#

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

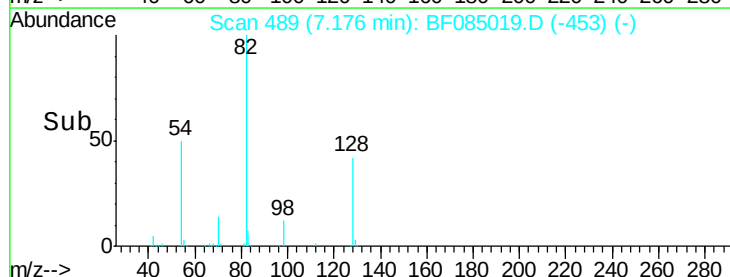
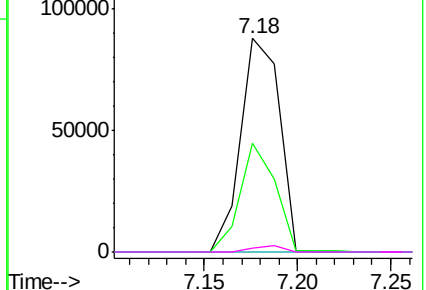


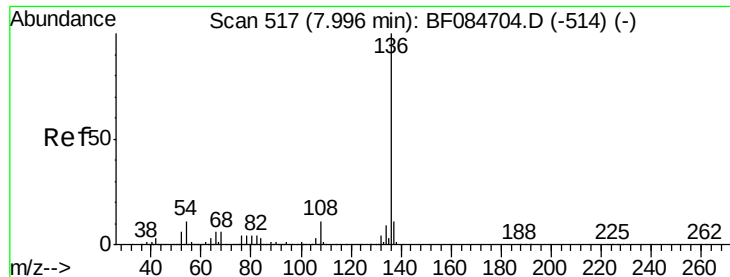
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085019.D

Acq: 11 Feb 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB02-0-1

Tgt Ion: 136 Resp: 682048

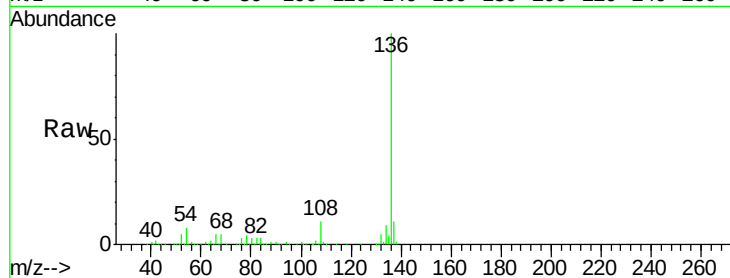
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.2 5.8 8.8

68 4.9 4.2 6.2

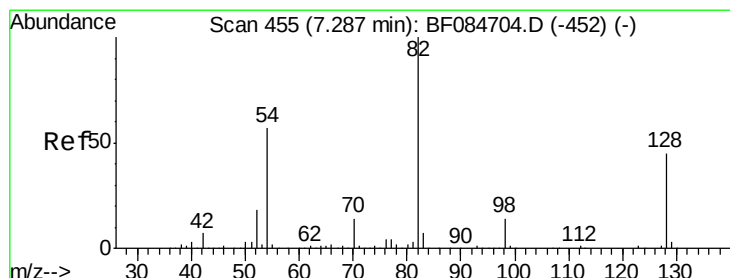
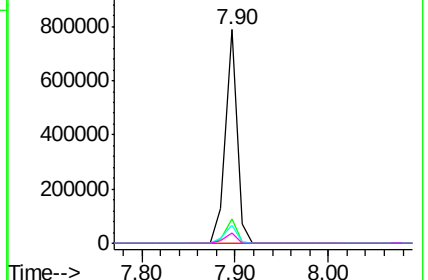
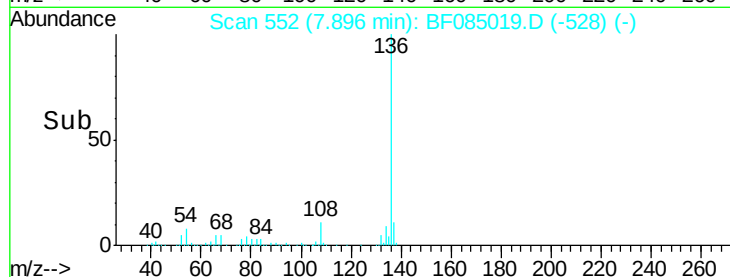


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.90 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF085019.D

Acq: 11 Feb 2016 15:21

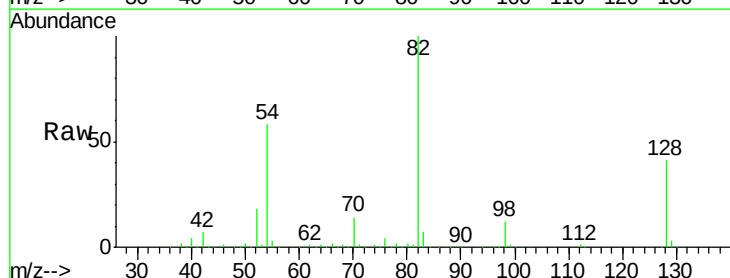
Tgt Ion: 82 Resp: 943119

Ion Ratio Lower Upper

82 100

128 41.5 34.6 51.8

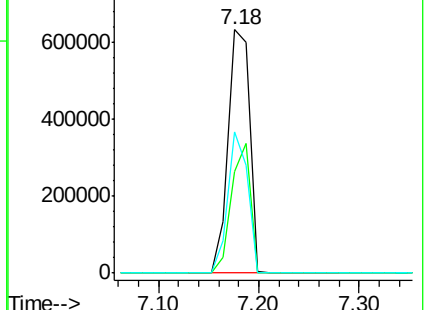
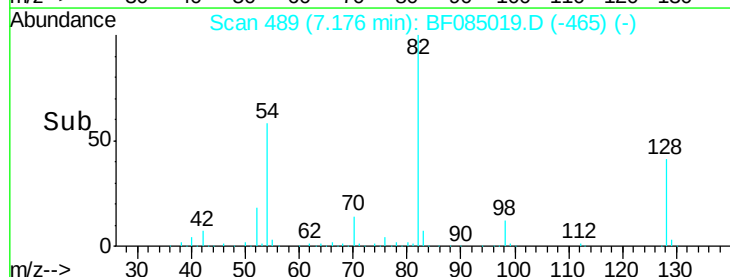
54 57.8 38.4 57.6#

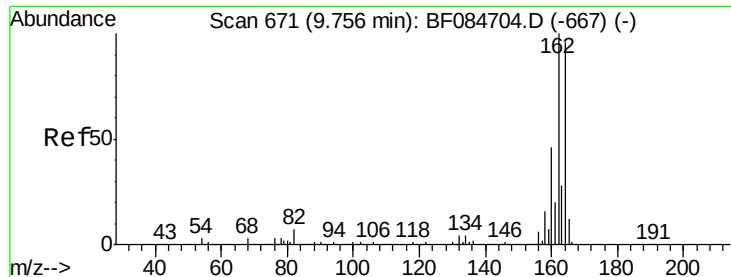


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

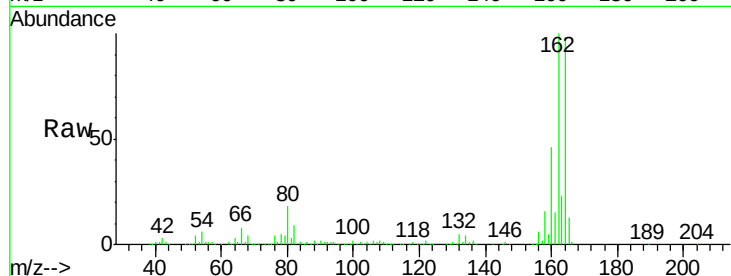




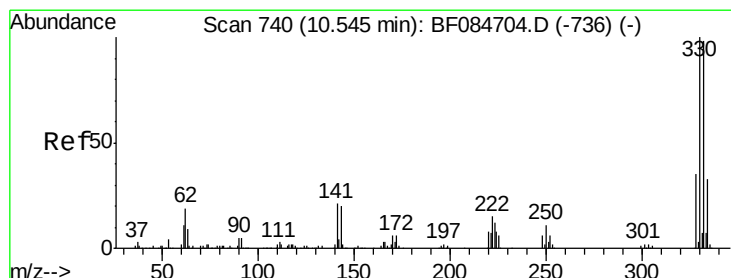
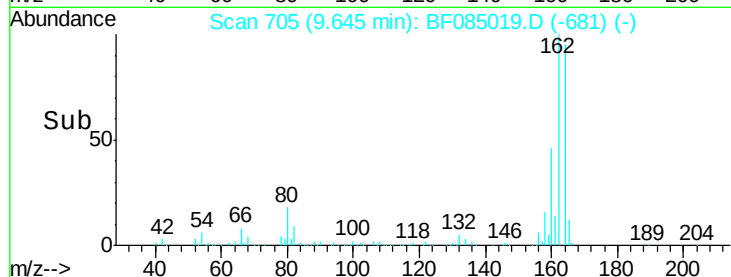
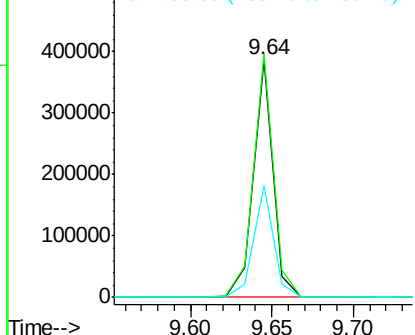
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF085019.D
 Acq: 11 Feb 2016 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SB02-0-1

Tgt Ion:164 Resp: 323426
 Ion Ratio Lower Upper
 164 100
 162 102.4 85.1 127.7
 160 46.8 37.5 56.3

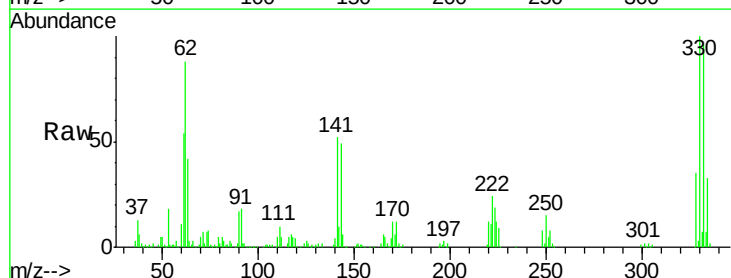


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

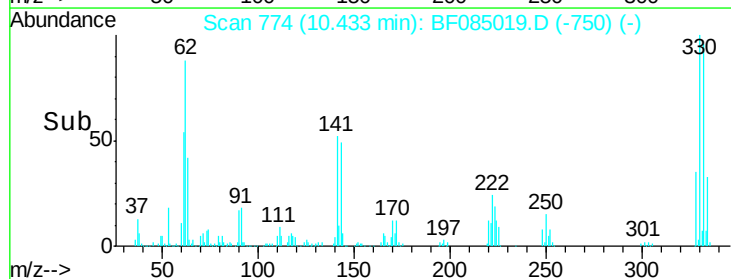
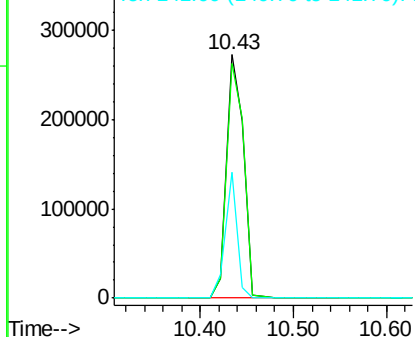


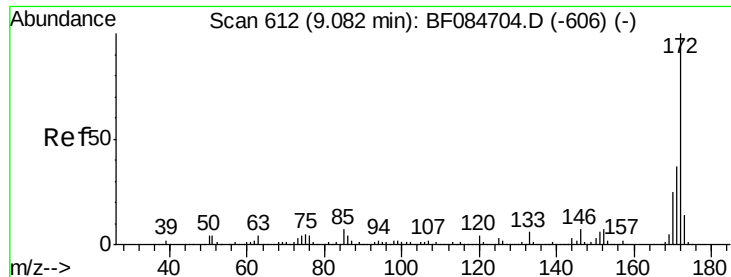
#41
 2,4,6-Tribromophenol
 Concen: 102.03 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF085019.D
 Acq: 11 Feb 2016 15:21

Tgt Ion:330 Resp: 344220
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 36.7 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

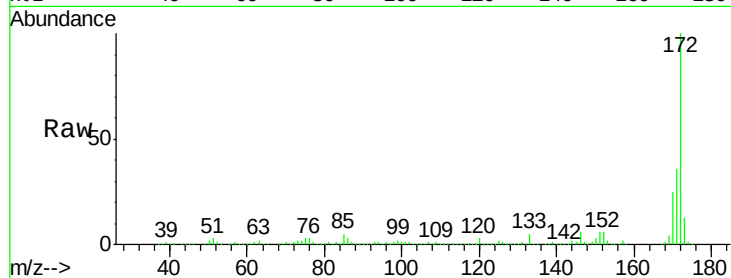




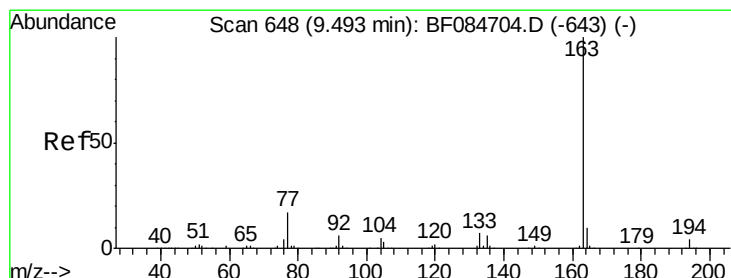
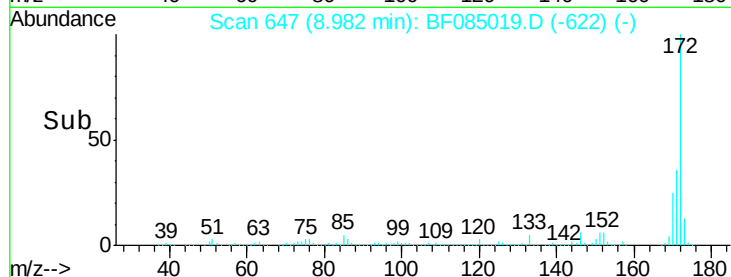
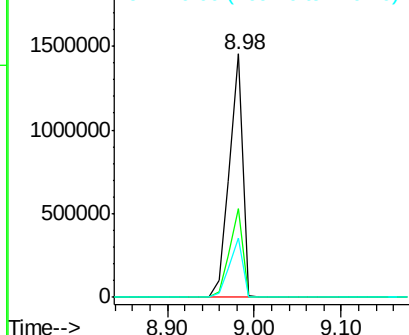
#44
2-Fluorobiphenyl
Concen: 79.06 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF085019.D
Acq: 11 Feb 2016 15:21

Instrument :
BNA_F
ClientSampleId :
SB02-0-1

Tgt Ion:172 Resp: 1554639
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 24.6 18.6 27.8

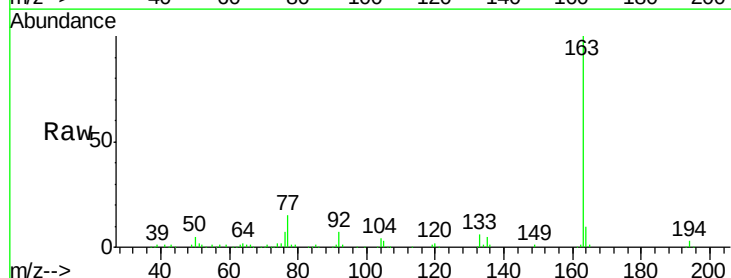


Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

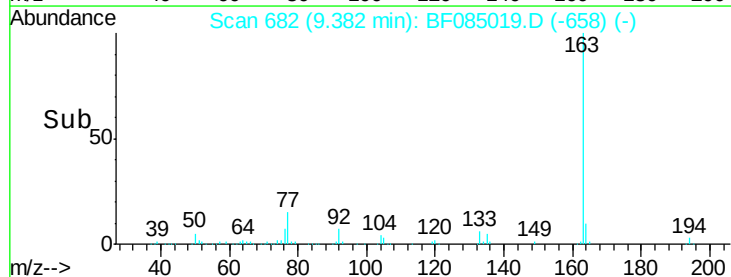
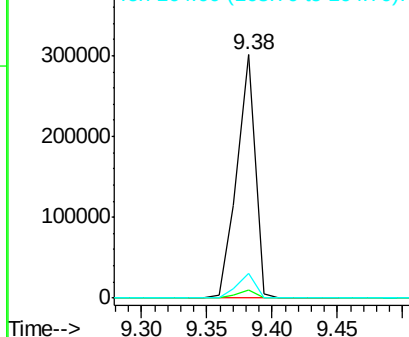


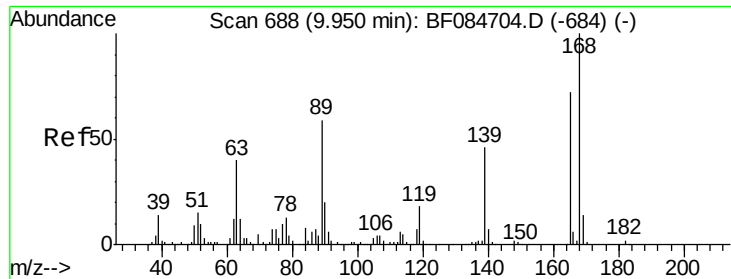
#49
Dimethylphthalate
Concen: 11.89 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF085019.D
Acq: 11 Feb 2016 15:21

Tgt Ion:163 Resp: 292825
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
400000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.07 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.23 min

Lab File: BF085019.D

Acq: 11 Feb 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB02-0-1

Tgt Ion:165 Resp: 41672

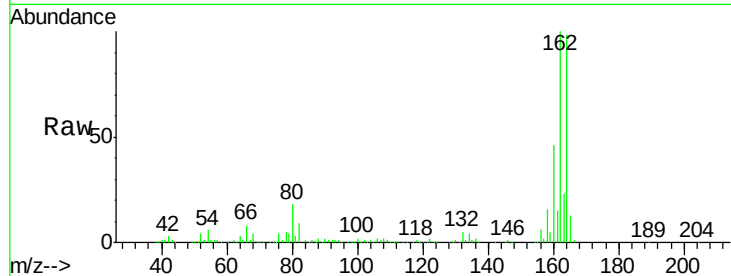
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

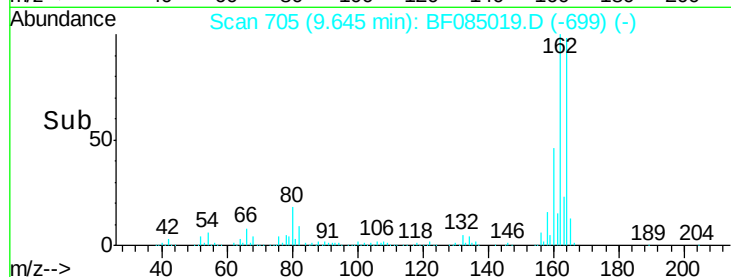


Abundance Ion 165.00 (164.70 to 165.70): E

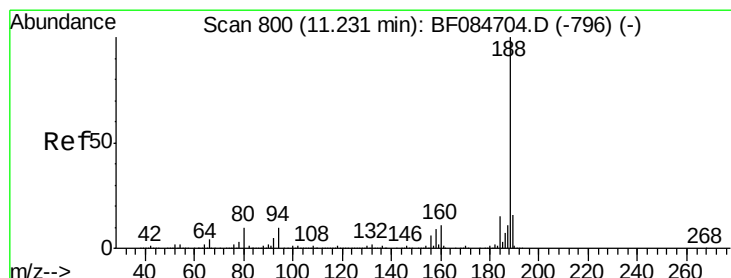
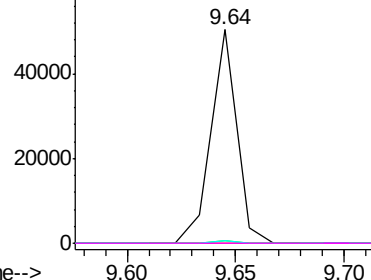
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF085019.D

Acq: 11 Feb 2016 15:21

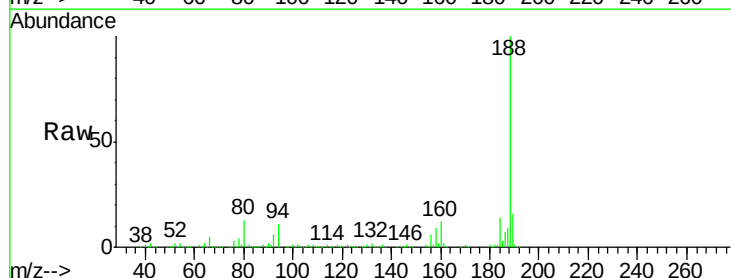
Tgt Ion:188 Resp: 541341

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.4

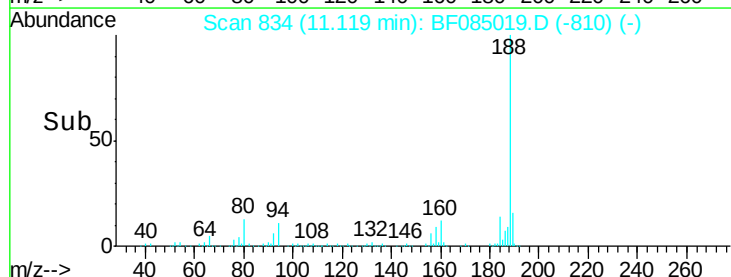
80 12.9 9.6 14.4



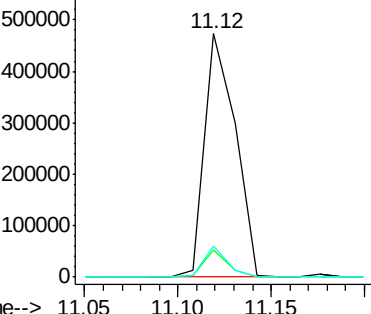
Abundance Ion 188.00 (187.70 to 188.70): E

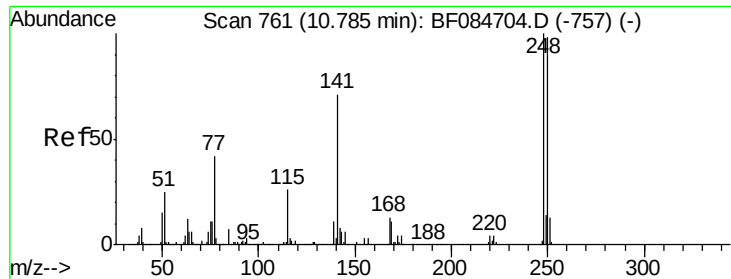
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->

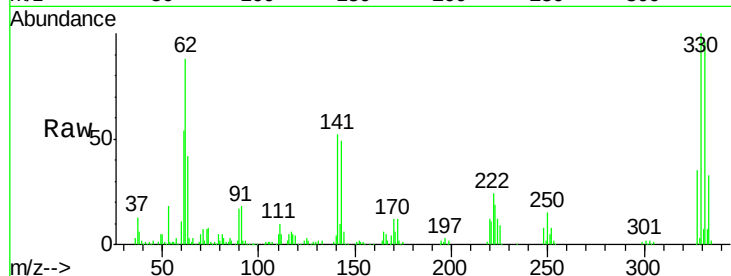




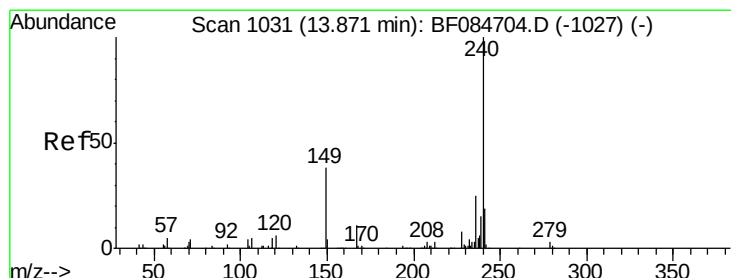
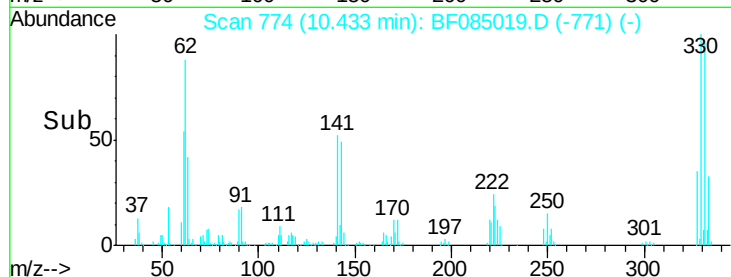
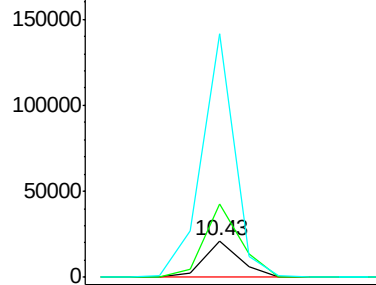
#66
 4-Bromophenyl-phenylether
 Concen: 3.49 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.26 min
 Lab File: BF085019.D
 Acq: 11 Feb 2016 15:21

Instrument :
 BNA_F
 ClientSampleId :
 SB02-0-1

Tgt Ion:248 Resp: 20882
 Ion Ratio Lower Upper
 248 100
 250 198.9 78.4 117.6#
 141 665.4 44.0 66.0#

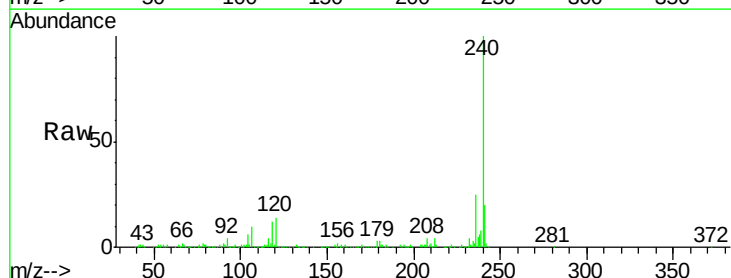


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

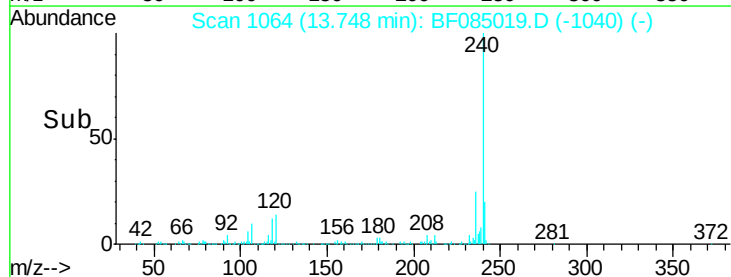
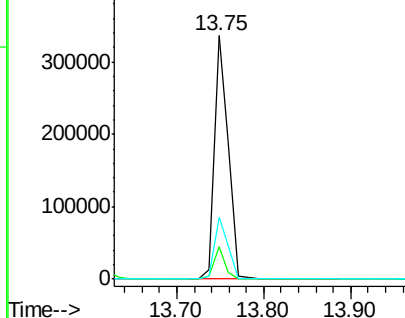


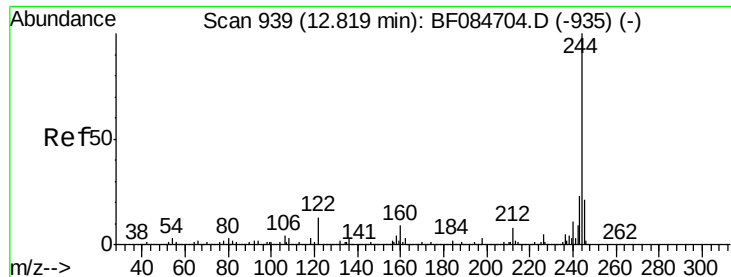
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.02 min
 Lab File: BF085019.D
 Acq: 11 Feb 2016 15:21

Tgt Ion:240 Resp: 376471
 Ion Ratio Lower Upper
 240 100
 120 13.6 9.5 14.3
 236 25.2 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: 71.15 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF085019.D

Acq: 11 Feb 2016 15:21

Instrument :

BNA_F

ClientSampleId :

SB02-0-1

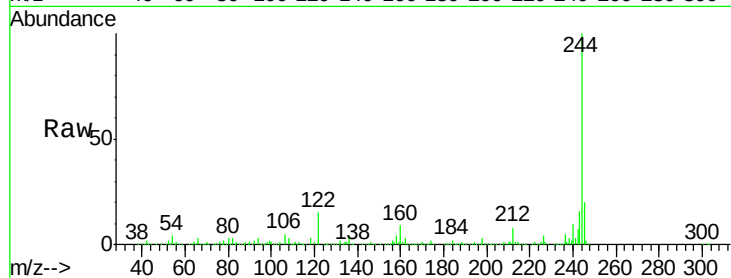
Tgt Ion:244 Resp: 1182090

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

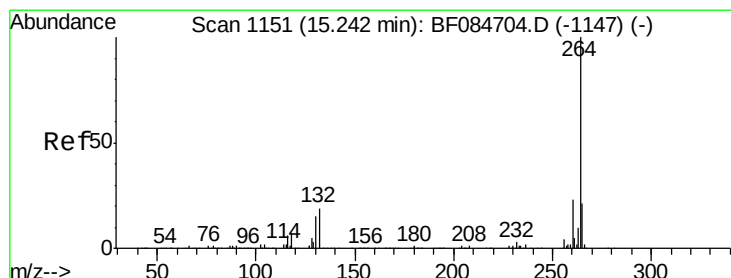
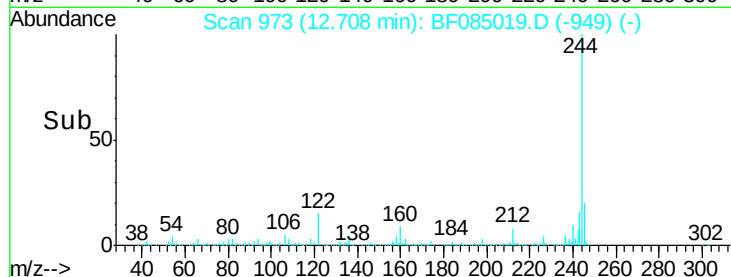
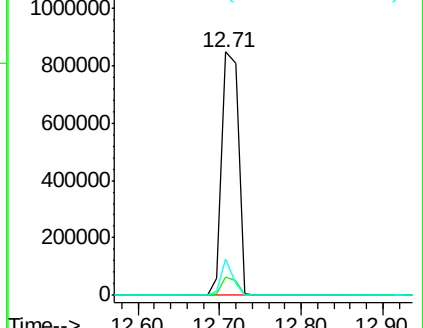
122 14.8 7.4 11.0#



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: BF085019.D

Acq: 11 Feb 2016 15:21

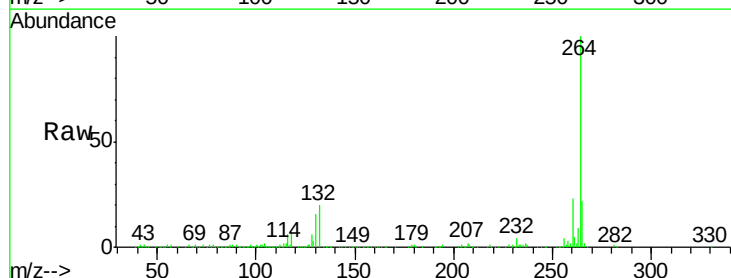
Tgt Ion:264 Resp: 306438

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

265 22.0 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

