

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085023.D
 Acq On : 11 Feb 2016 17:43
 Operator : SJ/IZ
 Sample : H1377-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB05-0-0.5

Quant Time: Feb 11 22:14:18 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

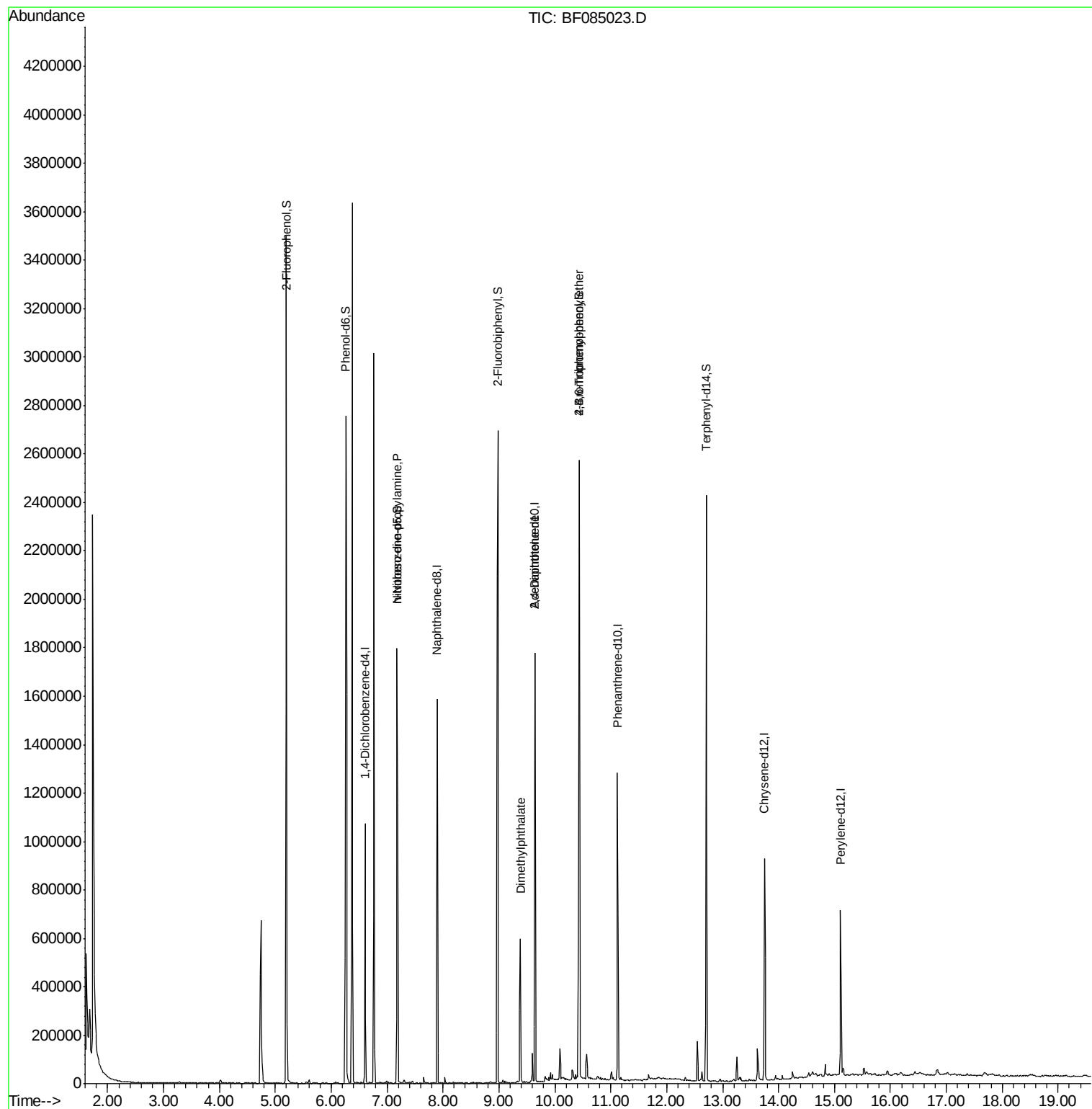
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	151741	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	679311	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	322702	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	554126	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	381515	20.00	ng	-0.02
86) Perylene-d12	15.11	264	311633	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1040826	106.84	ng	0.00
7) Phenol-d6	6.26	99	1223800	101.33	ng	-0.02
23) Nitrobenzene-d5	7.18	82	754481	62.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	277716	82.50	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1194936	55.69	ng	-0.01
78) Terphenyl-d14	12.71	244	897466	53.31	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	100745	13.31	ng	# 71
49) Dimethylphthalate	9.38	163	292037	11.88	ng	# 90
56) 2,4-Dinitrotoluene	9.64	165	42614	6.22	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	17480	2.86	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: BF085023.D

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BNA_F

ClientSampleId :

SB05-0-0.5

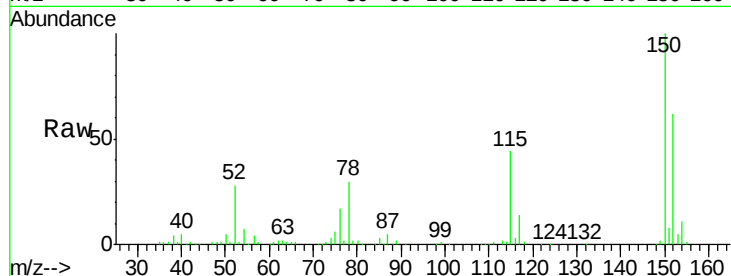
Tgt Ion:152 Resp: 151741

Ion Ratio Lower Upper

152 100

150 160.8 123.0 184.4

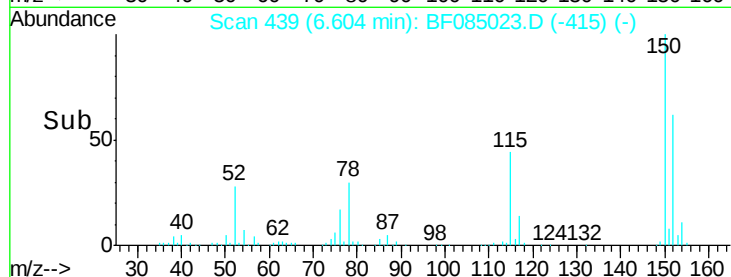
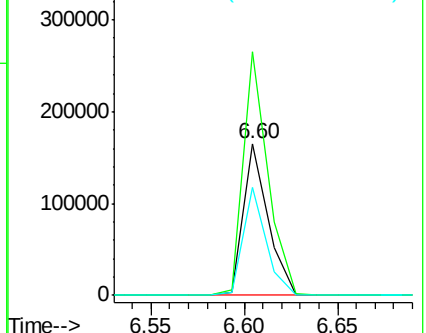
115 71.4 51.4 77.2



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: 106.84 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085023.D

Acq: 11 Feb 2016 17:43

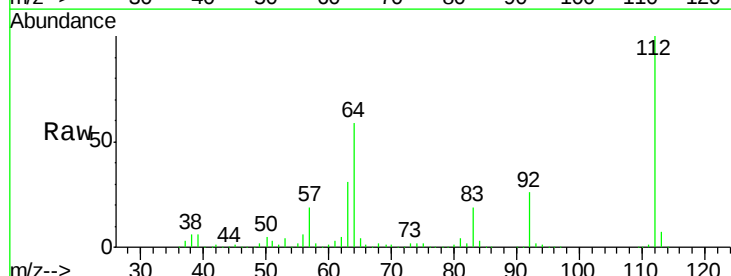
Tgt Ion:112 Resp: 1040826

Ion Ratio Lower Upper

112 100

64 59.0 36.6 55.0#

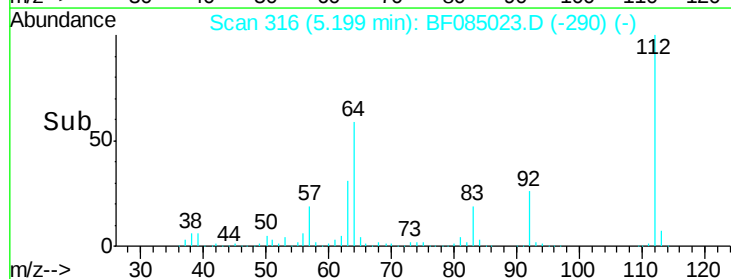
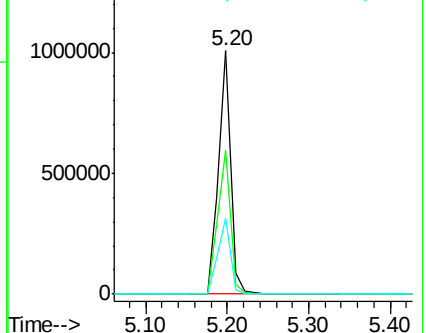
63 31.3 19.4 29.0#



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: 101.33 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085023.D

Acq: 11 Feb 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SB05-0-0.5

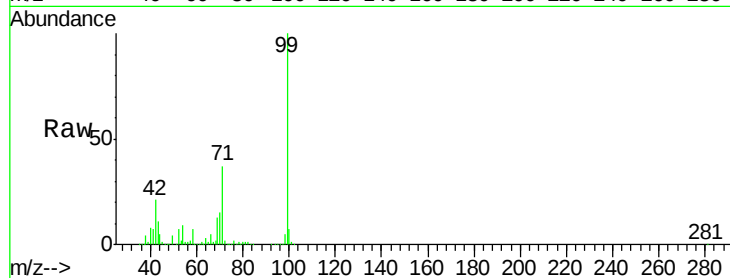
Tgt Ion: 99 Resp: 1223800

Ion Ratio Lower Upper

99 100

42 21.3 12.8 19.2#

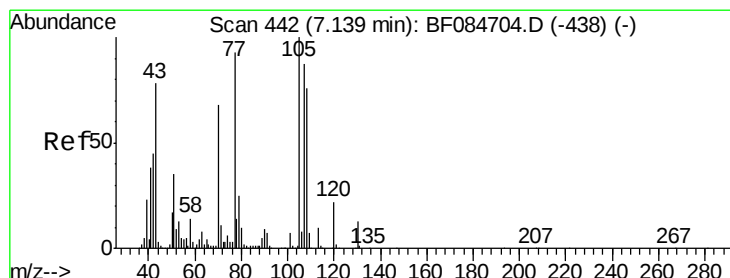
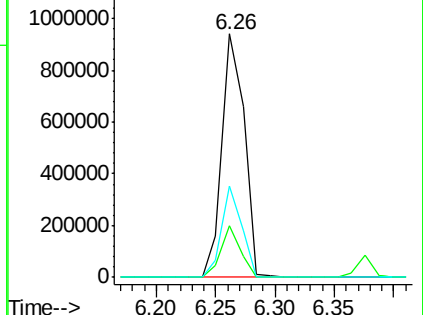
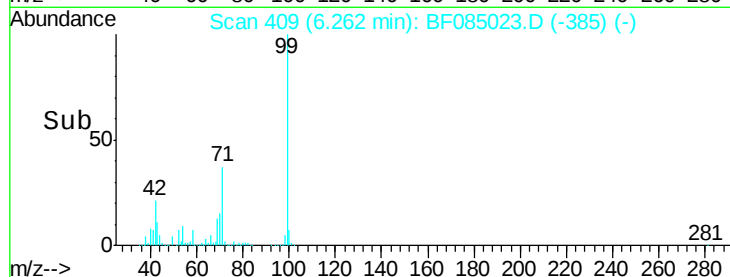
71 37.4 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.31 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.11 min

Lab File: BF085023.D

Acq: 11 Feb 2016 17:43

Tgt Ion: 70 Resp: 100745

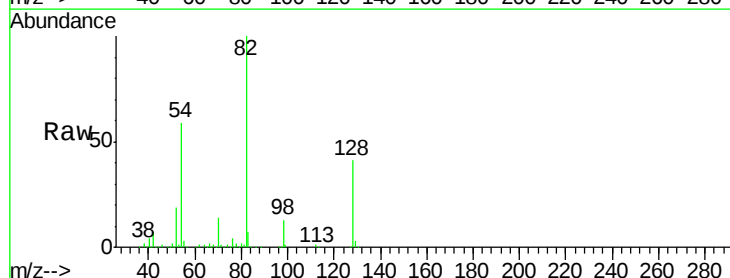
Ion Ratio Lower Upper

70 100

42 50.6 33.3 49.9#

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

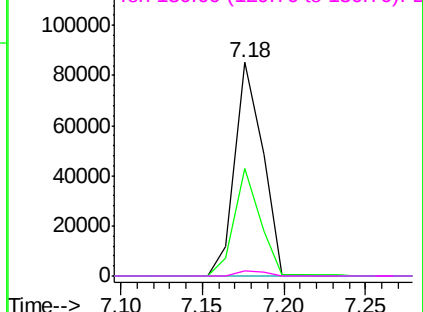
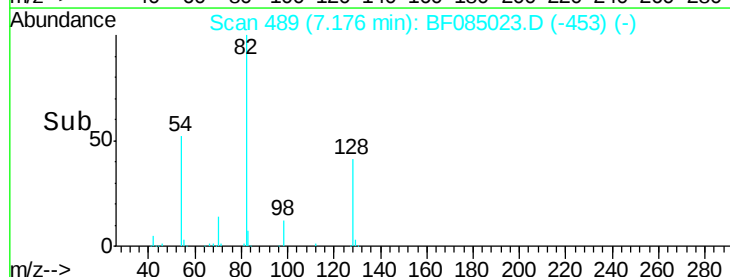


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

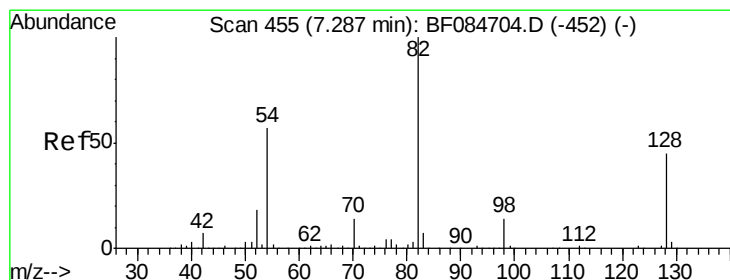
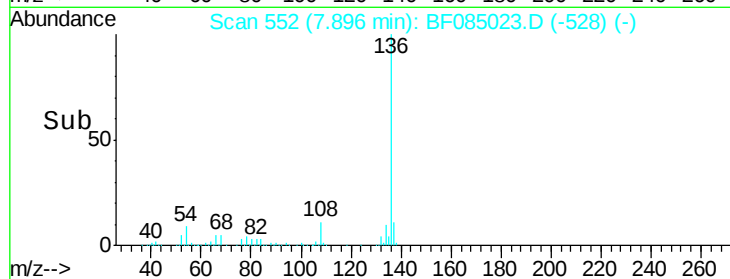
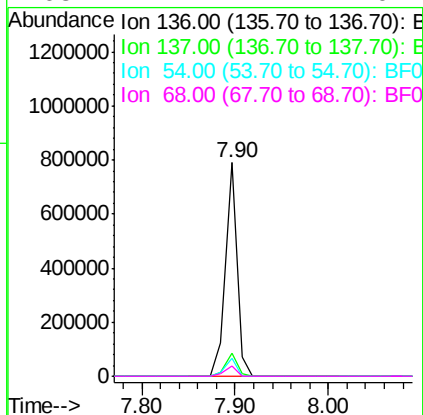
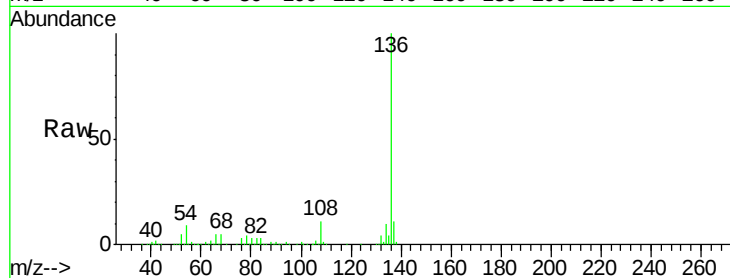




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085023.D
Acq: 11 Feb 2016 17:43

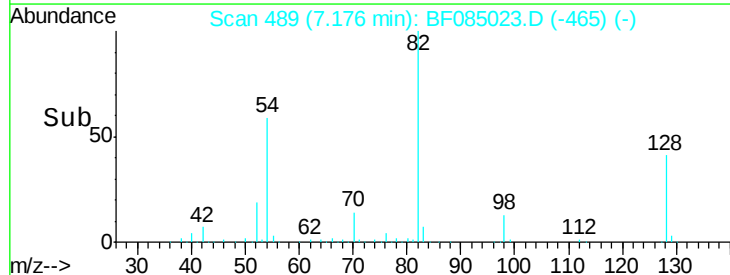
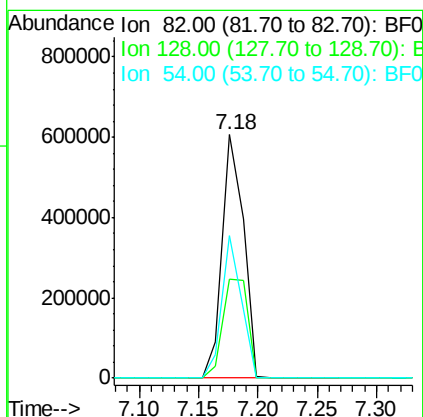
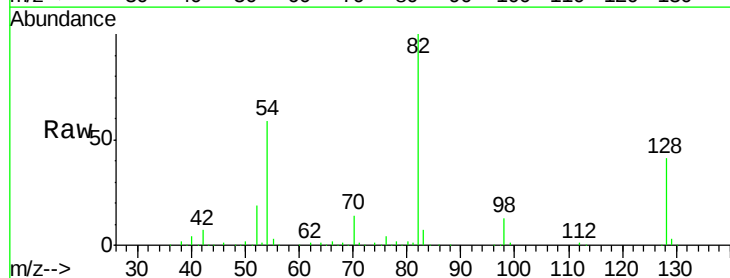
Instrument :
BNA_F
ClientSampleId :
SB05-0-0.5

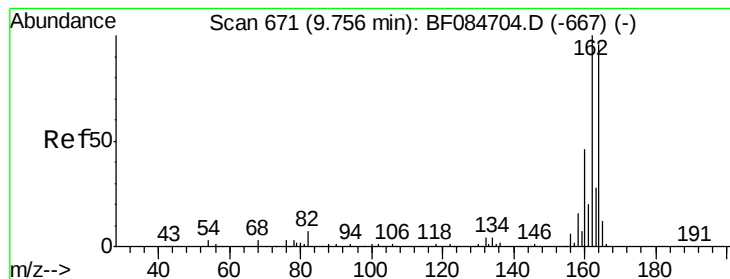
Tgt Ion:	136	Resp:	679311
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.6	5.8	8.8
68	4.7	4.2	6.2



#23
Nitrobenzene-d5
Concen: 62.57 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085023.D
Acq: 11 Feb 2016 17:43

Tgt Ion:	82	Resp:	754481
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	51.8
54	58.6	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: BF085023.D

Acq: 11 Feb 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SB05-0-0.5

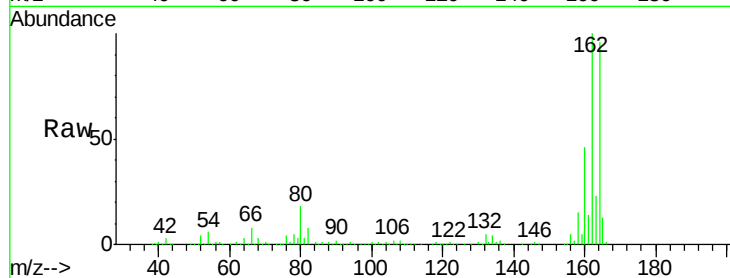
Tgt Ion:164 Resp: 322702

Ion Ratio Lower Upper

164 100

162 104.3 85.1 127.7

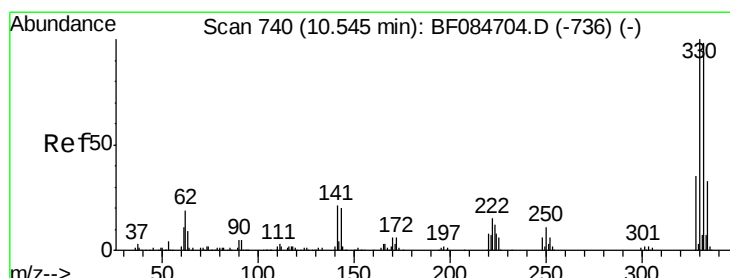
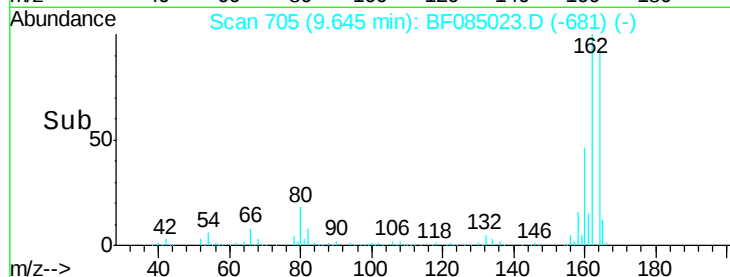
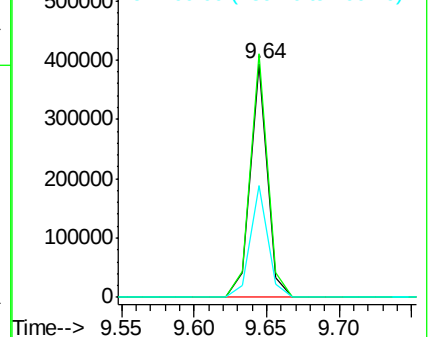
160 47.7 37.5 56.3



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: 82.50 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF085023.D

Acq: 11 Feb 2016 17:43

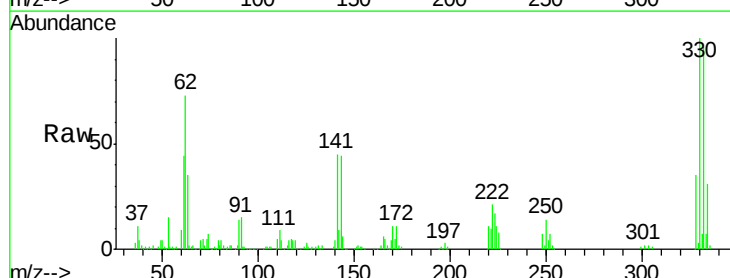
Tgt Ion:330 Resp: 277716

Ion Ratio Lower Upper

330 100

332 97.2 76.6 114.8

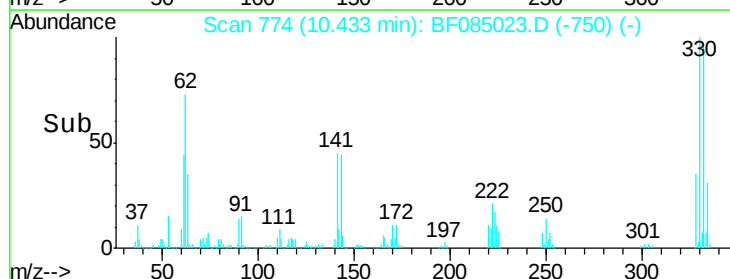
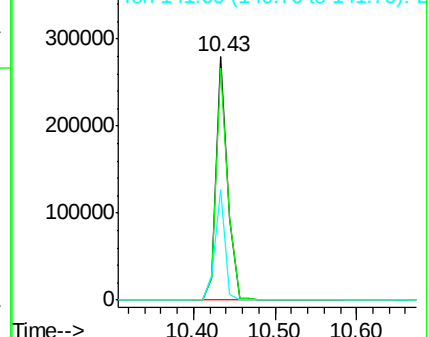
141 40.8 27.8 41.6

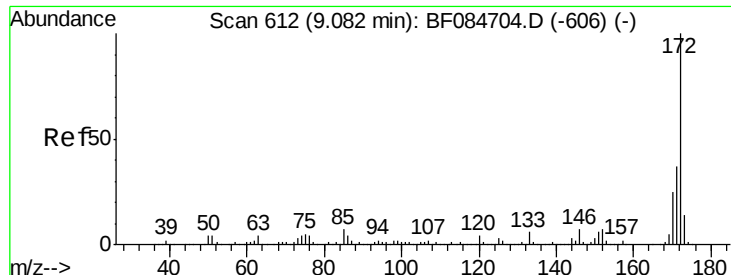


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

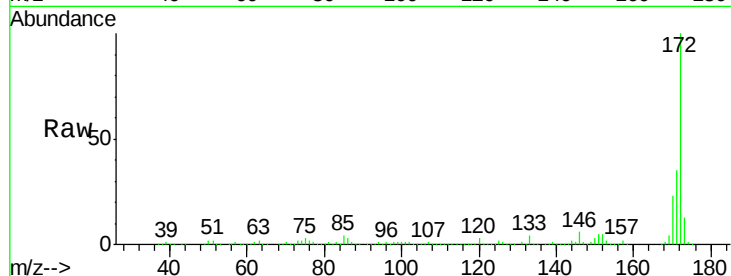




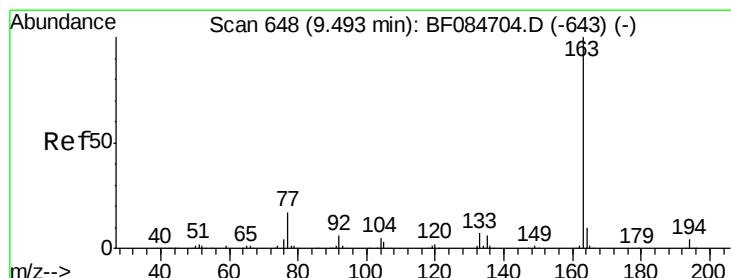
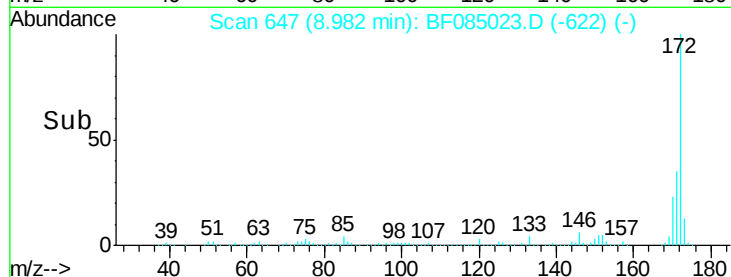
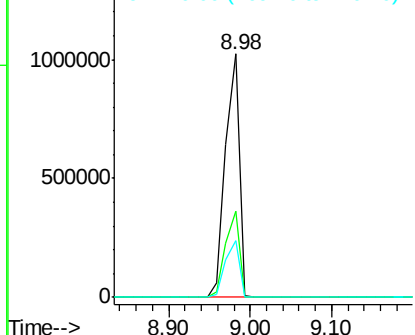
#44
 2-Fluorobiphenyl
 Concen: 55.69 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085023.D
 Acq: 11 Feb 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SB05-0-0.5

Tgt Ion:172 Resp: 1194936
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.5 18.6 27.8

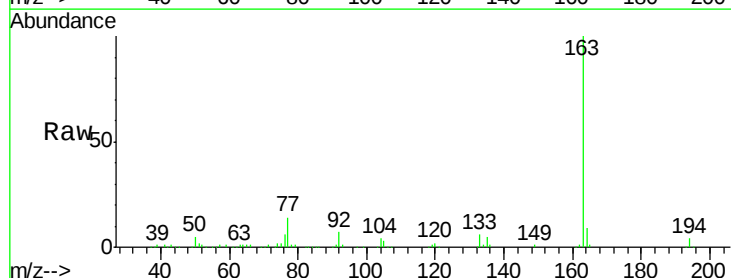


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

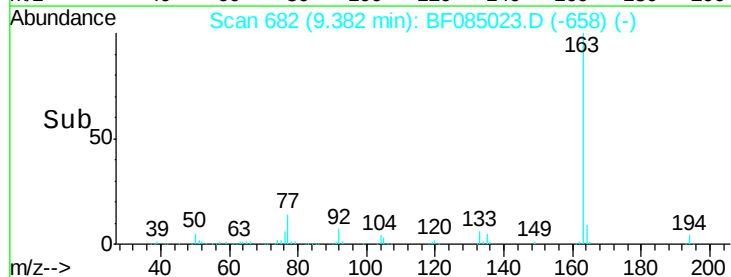
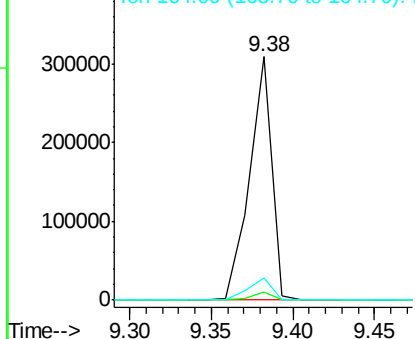


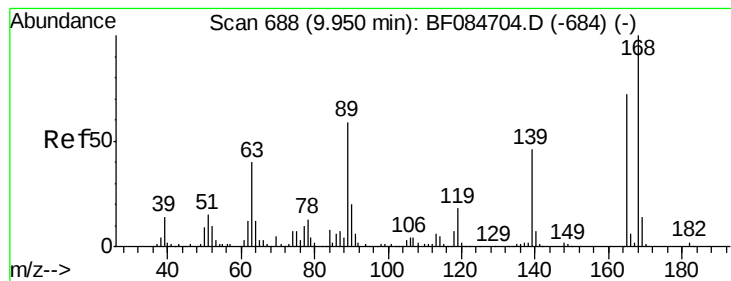
#49
 Dimethylphthalate
 Concen: 11.88 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF085023.D
 Acq: 11 Feb 2016 17:43

Tgt Ion:163 Resp: 292037
 Ion Ratio Lower Upper
 163 100
 194 3.5 8.0 12.0#
 164 9.2 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

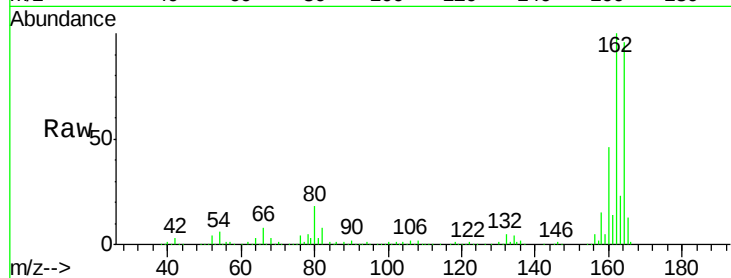




#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.23 min
 Lab File: BF085023.D
 Acq: 11 Feb 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SB05-0-0.5

Tgt 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#

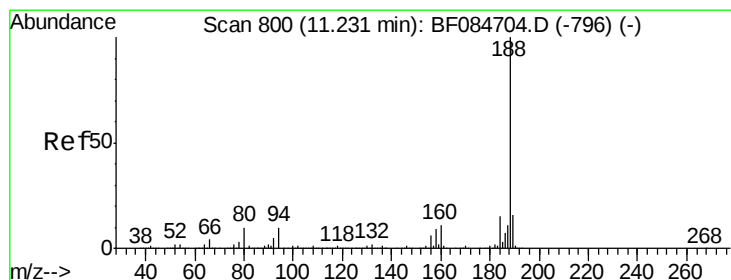
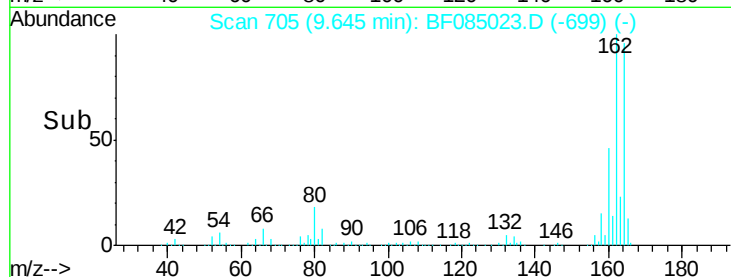
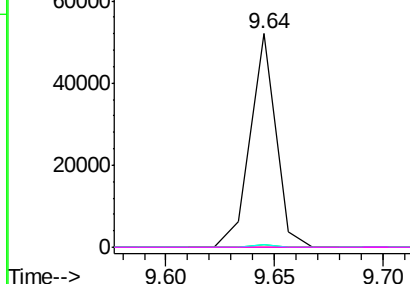


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

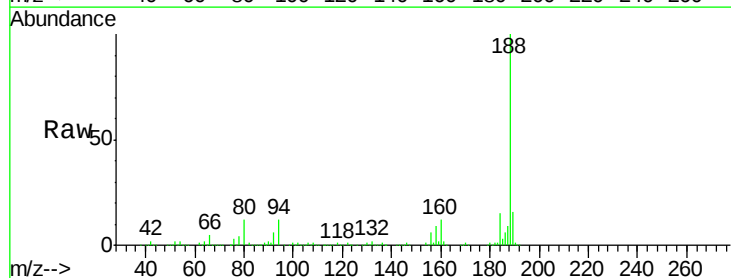
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF085023.D
 Acq: 11 Feb 2016 17:43

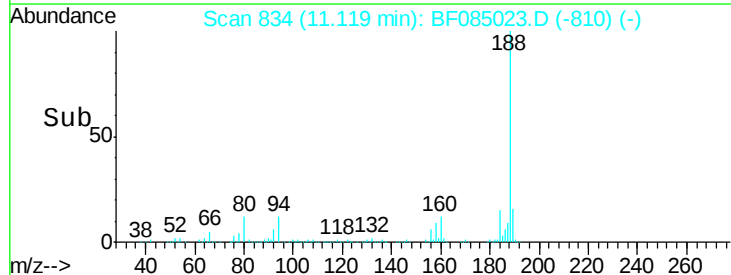
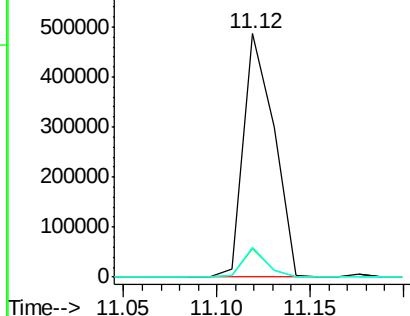
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.0	13.4
80	12.0	9.6	14.4

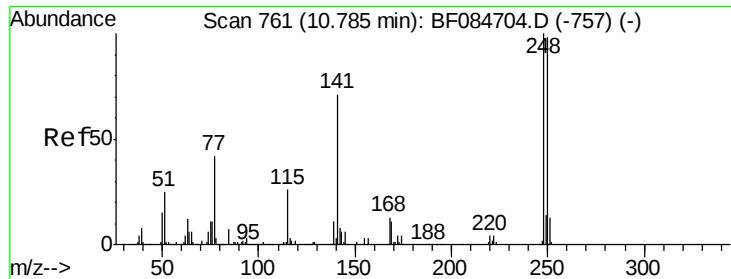


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

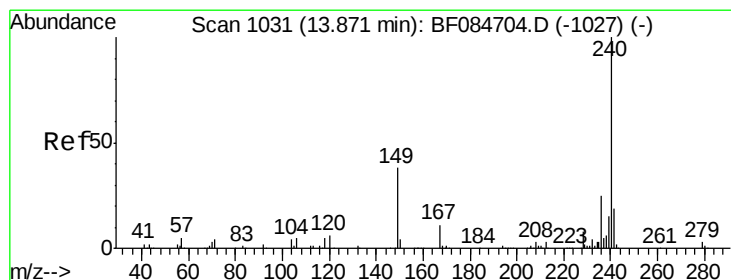
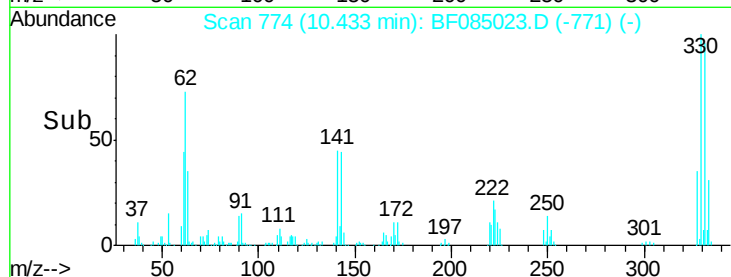
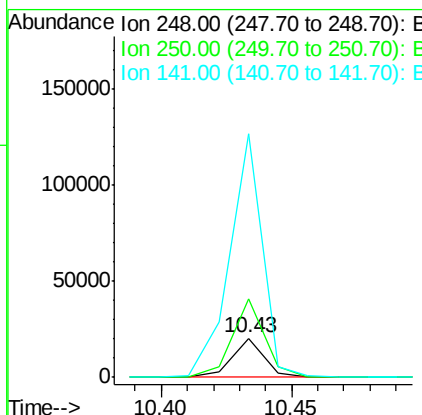
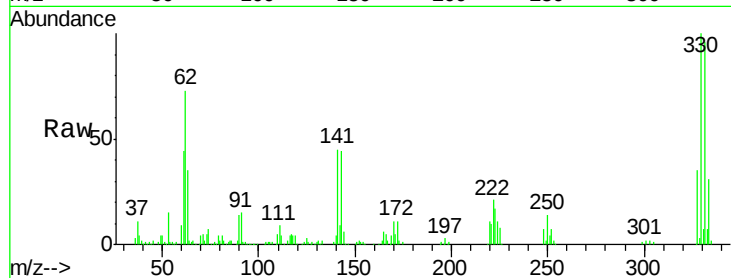




#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085023.D
Acq: 11 Feb 2016 17:43

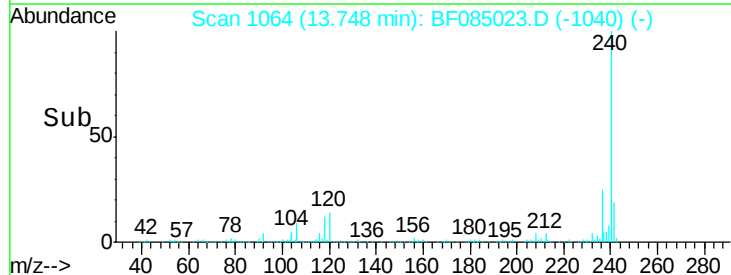
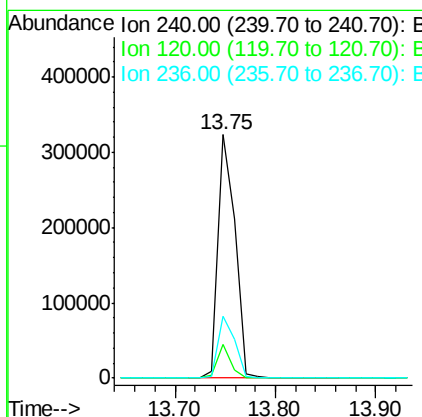
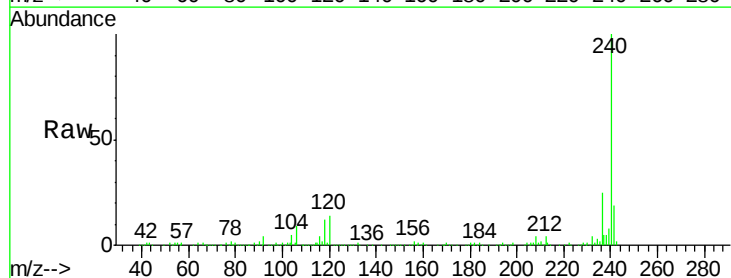
Instrument :
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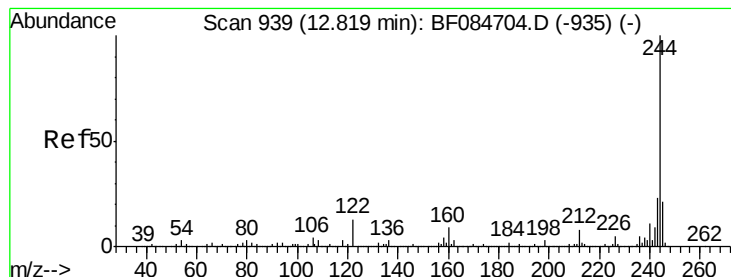
Tgt Ion: 248 Resp: 17480
Ion Ratio Lower Upper
248 100
250 199.4 78.4 117.6#
141 623.4 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085023.D
Acq: 11 Feb 2016 17:43

Tgt Ion: 240 Resp: 381515
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 25.4 20.6 31.0





#78

Terphenyl-d14

Concen: 53.31 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF085023.D

Acq: 11 Feb 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SB05-0-0.5

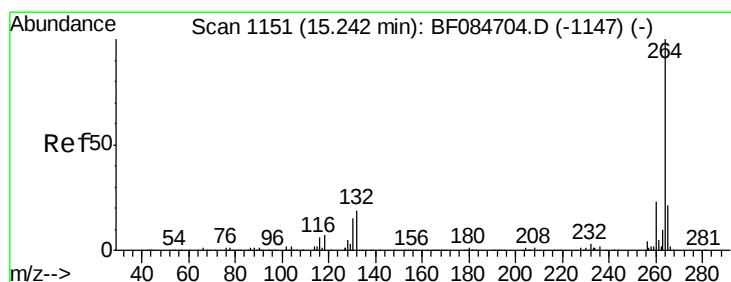
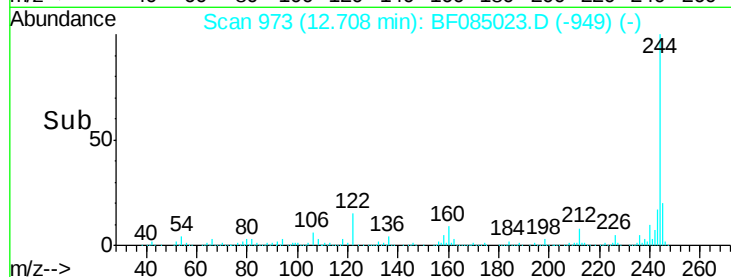
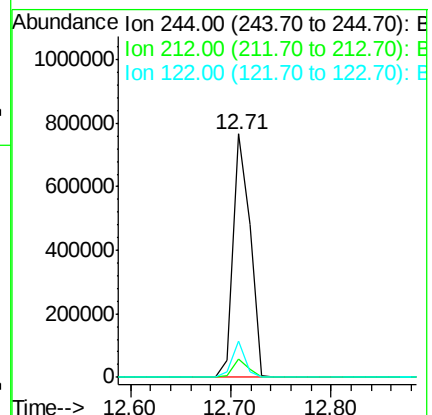
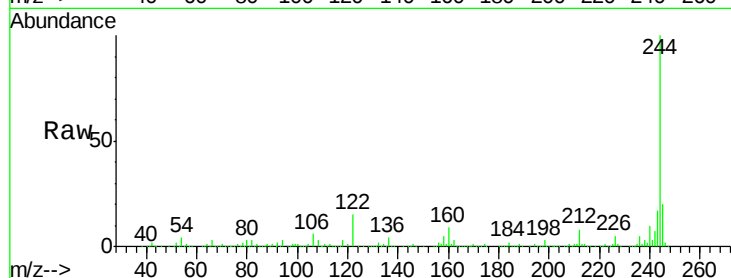
Tgt Ion:244 Resp: 897466

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 15.0 7.4 11.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF085023.D

Acq: 11 Feb 2016 17:43

Tgt Ion:264 Resp: 311633

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.9 17.8 26.6

