

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085035.D
 Acq On : 12 Feb 2016 2:21
 Operator : SJ/IZ
 Sample : PB88306TB
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88306TB

Quant Time: Feb 12 04:17:47 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

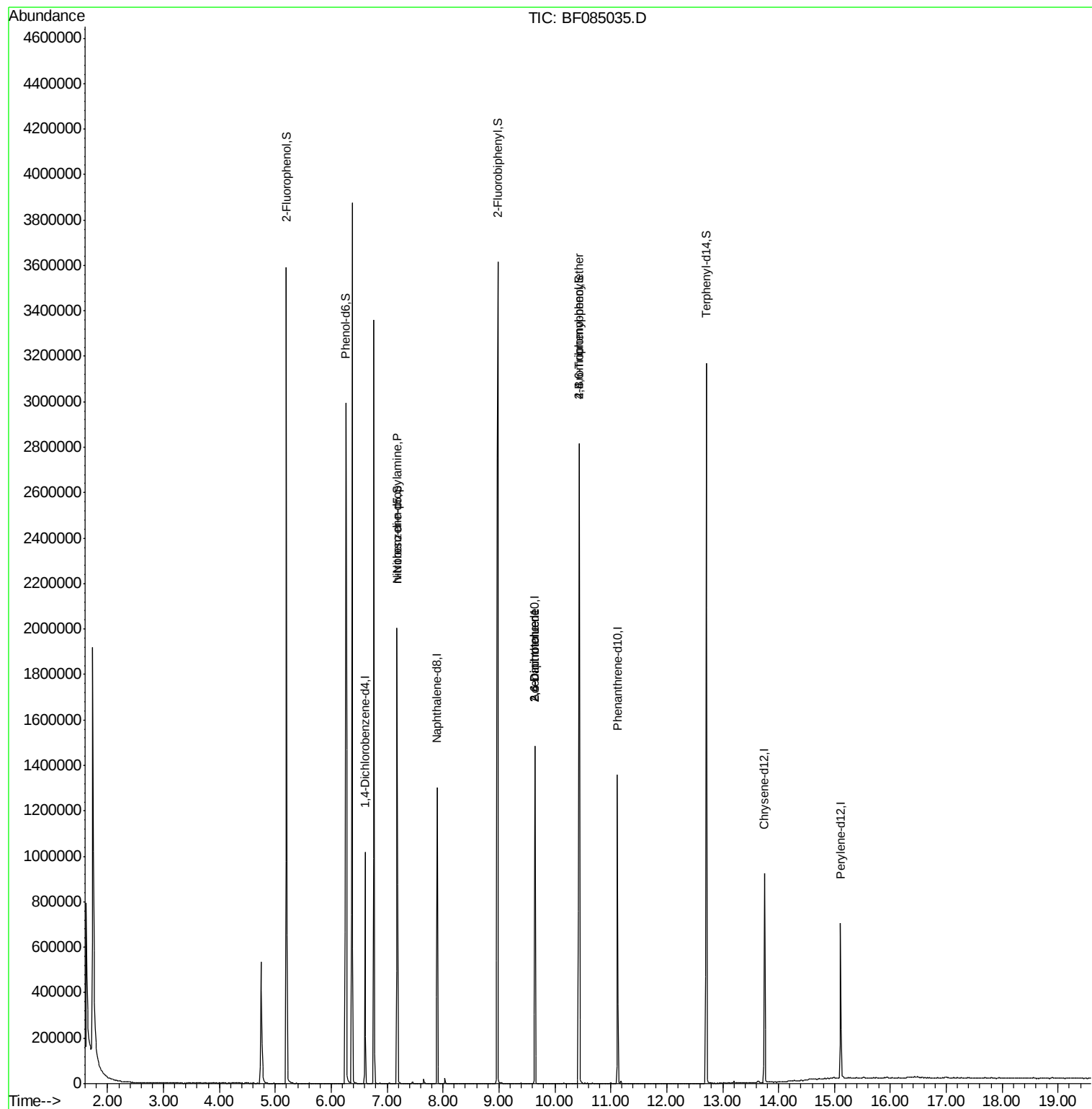
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	140417	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	611785	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	287014	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	502592	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	325804	20.00	ng	-0.02
86) Perylene-d12	15.11	264	285265	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1017534	112.87	ng	0.00
7) Phenol-d6	6.26	99	1293978	115.78	ng	-0.02
23) Nitrobenzene-d5	7.18	82	792286	72.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	310105	103.58	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1645541	104.65	ng	-0.01
78) Terphenyl-d14	12.71	244	1336786	92.98	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	104820	14.96	ng	# 70
50) 2,6-Dinitrotoluene	9.64	165	38378	8.04	ng	# 37
56) 2,4-Dinitrotoluene	9.64	165	38378	6.30	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	19226	3.46	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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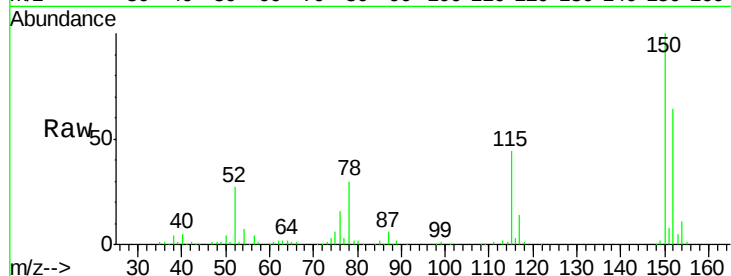
Tgt Ion:152 Resp: 140417

Ion Ratio Lower Upper

152 100

150 156.3 123.0 184.4

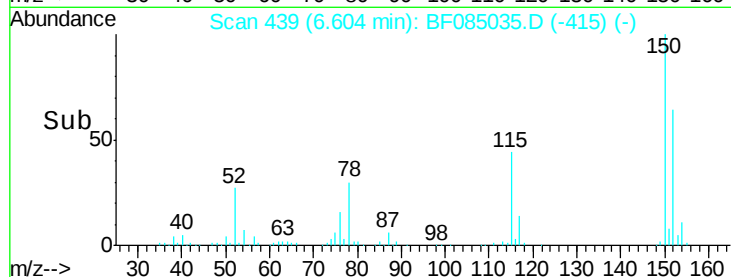
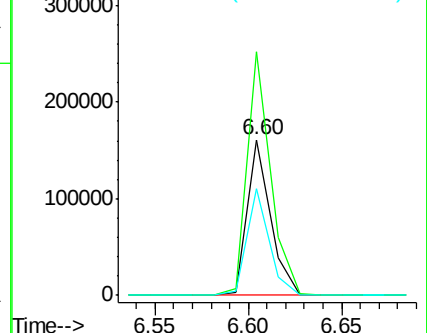
115 68.6 51.4 77.2



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: 112.87 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085035.D

Acq: 12 Feb 2016 2:21

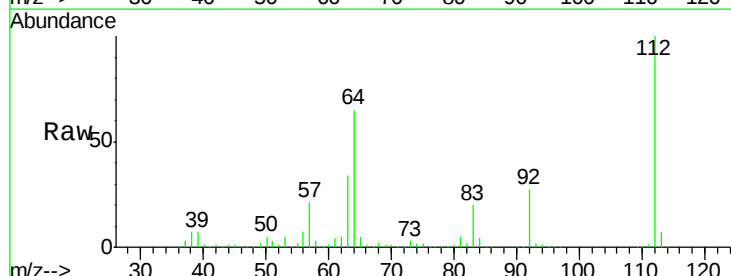
Tgt Ion:112 Resp: 1017534

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

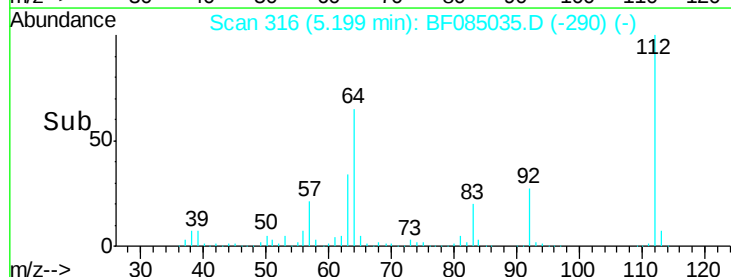
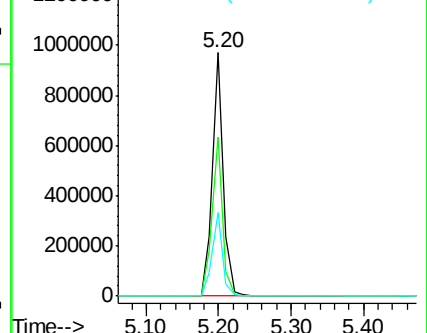
63 34.2 19.4 29.0#



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: 115.78 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085035.D

Acq: 12 Feb 2016 2:21

Instrument :

BNA_F

ClientSampleId :

PB88306TB

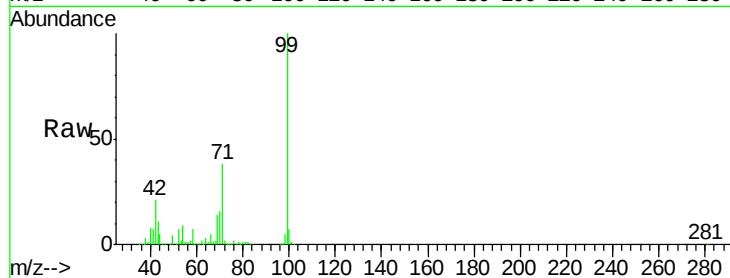
Tgt Ion: 99 Resp: 1293978

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

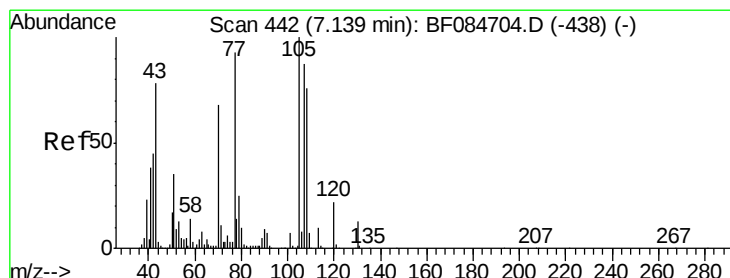
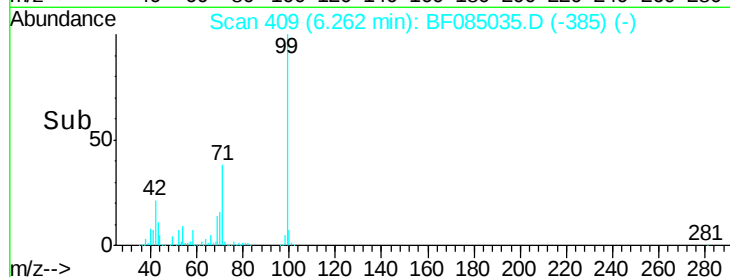
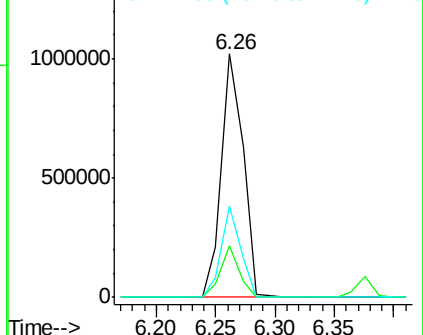
71 37.7 30.9 46.3



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: 14.96 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.11 min

Lab File: BF085035.D

Acq: 12 Feb 2016 2:21

Tgt Ion: 70 Resp: 104820

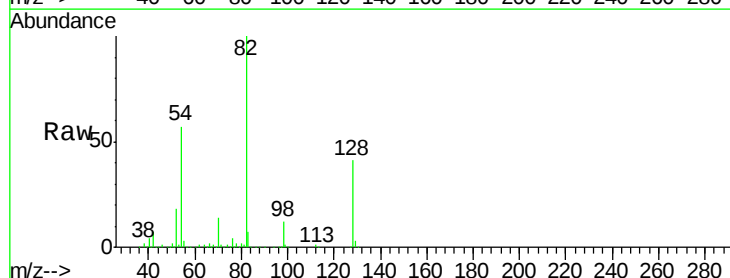
Ion Ratio Lower Upper

70 100

42 51.1 33.3 49.9#

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

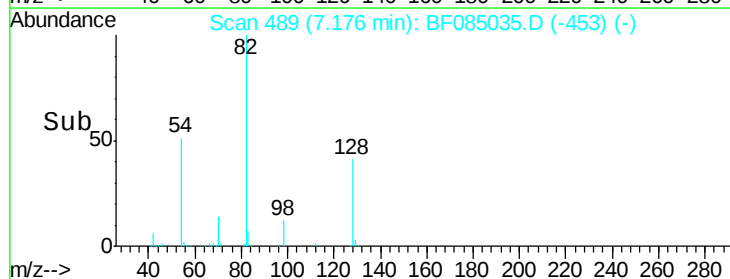
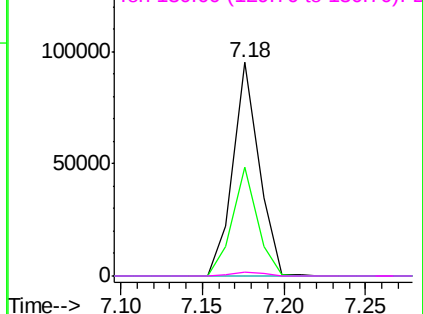


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

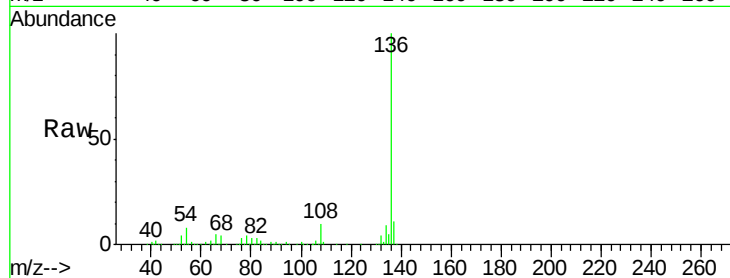




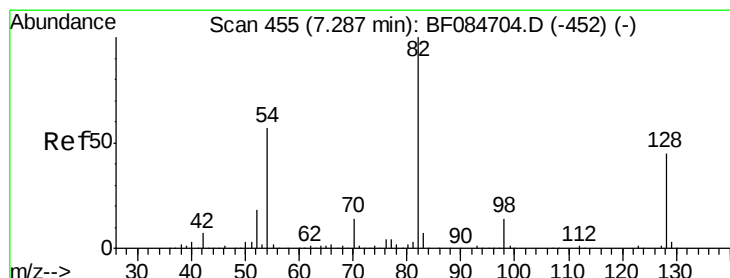
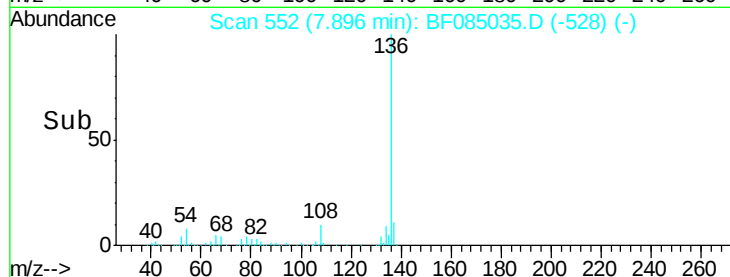
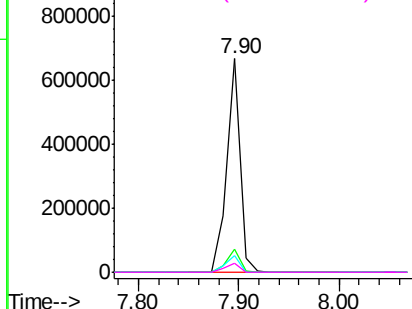
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085035.D
Acq: 12 Feb 2016 2:21

Instrument :
BNA_F
ClientSampleId :
PB88306TB

Tgt Ion:	136	Resp:	611785
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	7.6	5.8	8.8
68	4.3	4.2	6.2

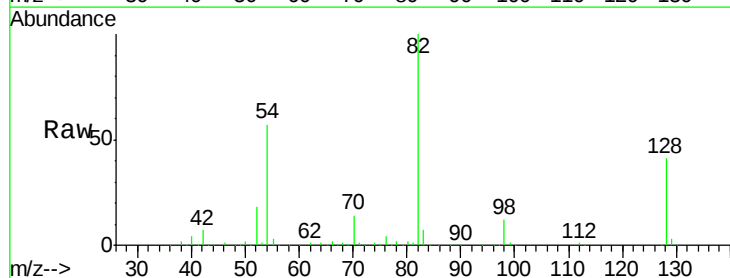


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

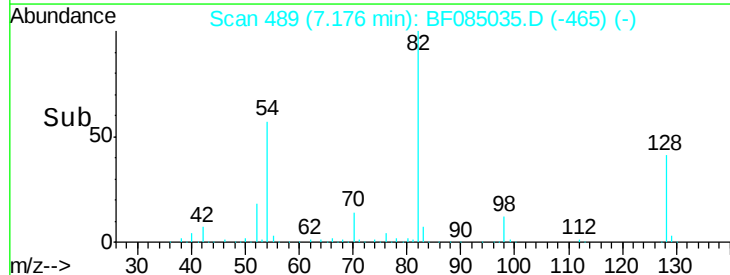
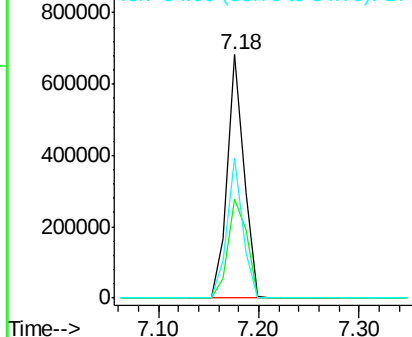


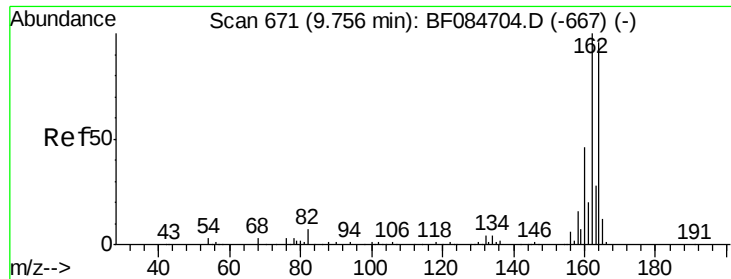
#23
Nitrobenzene-d5
Concen: 72.95 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085035.D
Acq: 12 Feb 2016 2:21

Tgt Ion:	82	Resp:	792286
Ion Ratio	Lower	Upper	
82	100		
128	40.8	34.6	51.8
54	57.4	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: BF085035.D

Acq: 12 Feb 2016 2:21

Instrument :

BNA_F

ClientSampleId :

PB88306TB

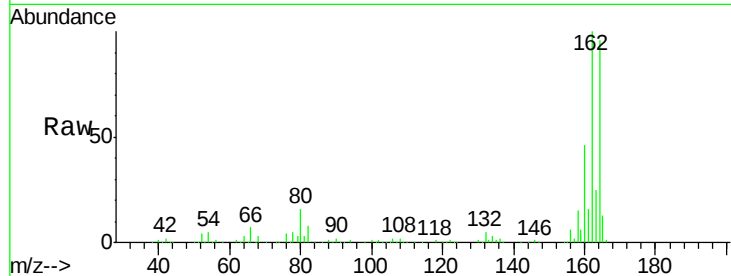
Tgt Ion:164 Resp: 287014

Ion Ratio Lower Upper

164 100

162 104.1 85.1 127.7

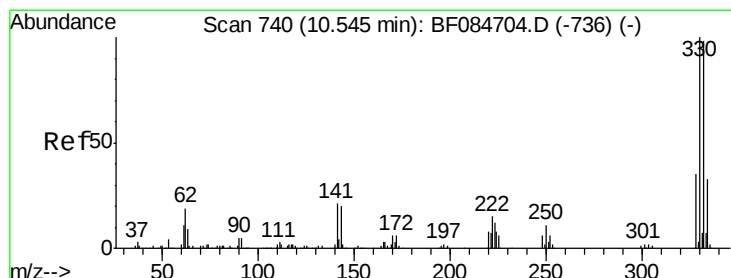
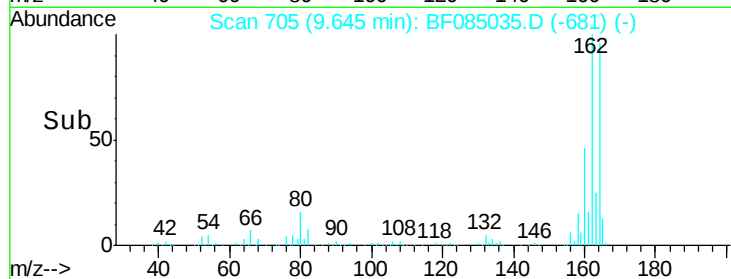
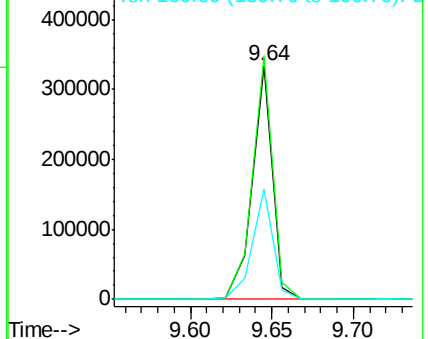
160 47.4 37.5 56.3



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: 103.58 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF085035.D

Acq: 12 Feb 2016 2:21

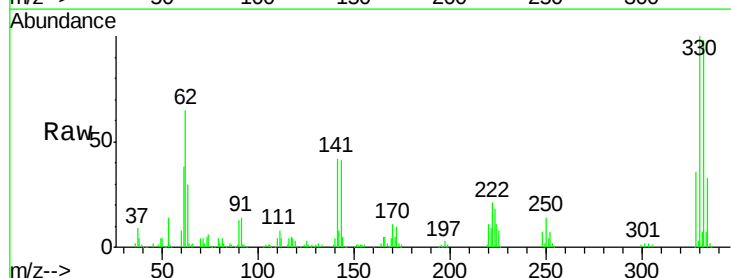
Tgt Ion:330 Resp: 310105

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

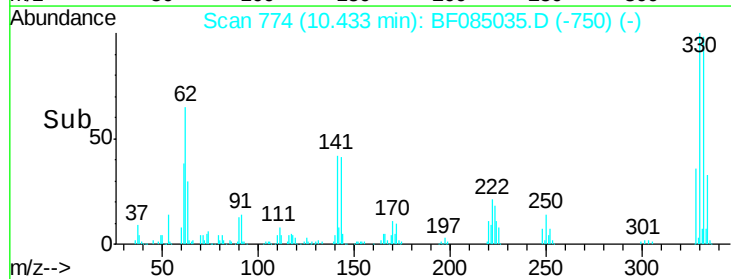
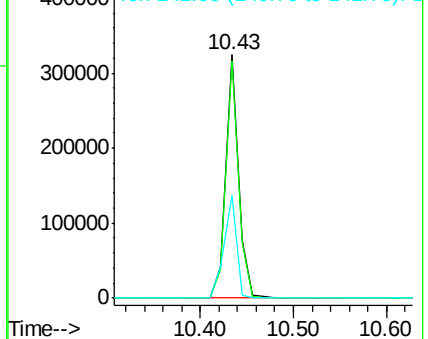
141 41.4 27.8 41.6

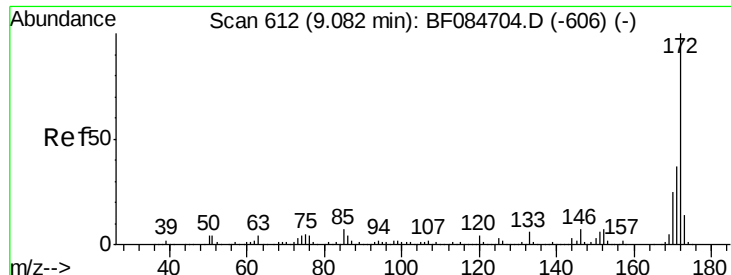


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

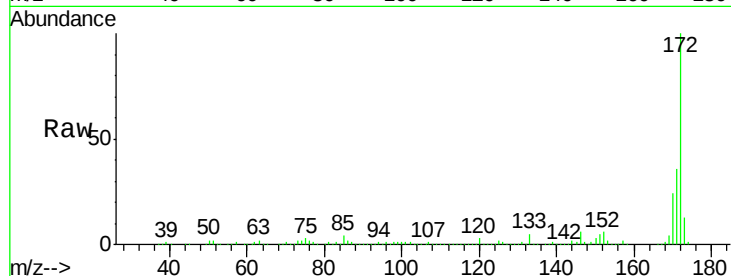




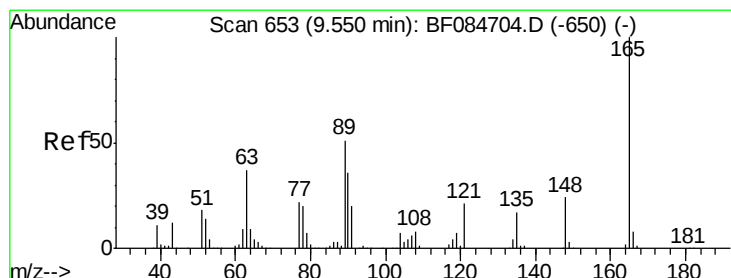
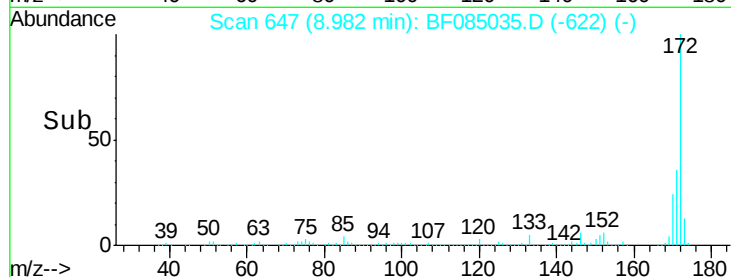
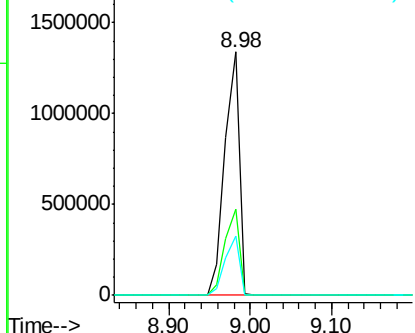
#44
 2-Fluorobiphenyl
 Concen: 104.65 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085035.D
 Acq: 12 Feb 2016 2:21

Instrument :
 BNA_F
 ClientSampleId :
 PB88306TB

Tgt Ion:172 Resp: 1645541
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 24.4 18.6 27.8

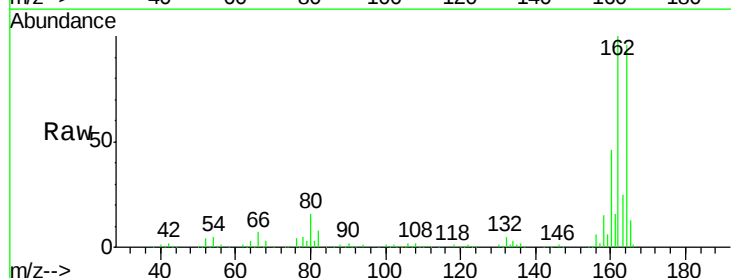


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

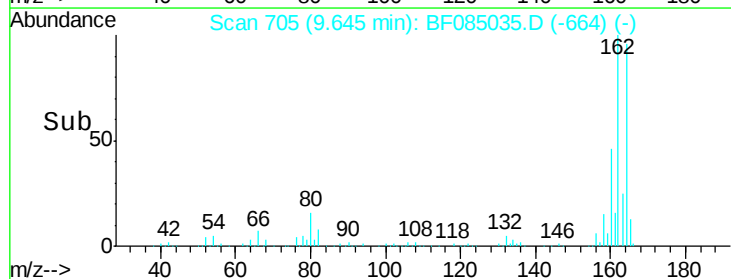
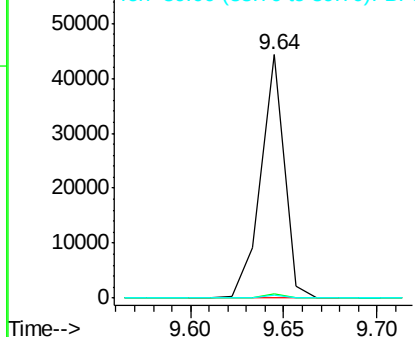


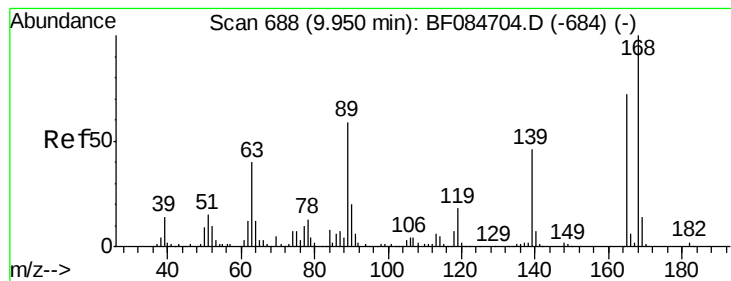
#50
 2,6-Dinitrotoluene
 Concen: 8.04 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.17 min
 Lab File: BF085035.D
 Acq: 12 Feb 2016 2:21

Tgt Ion:165 Resp: 38378
 Ion Ratio Lower Upper
 165 100
 63 1.6 28.8 43.2#
 89 1.1 35.1 52.7#



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

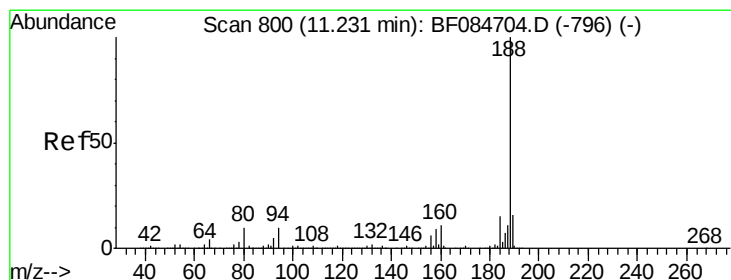
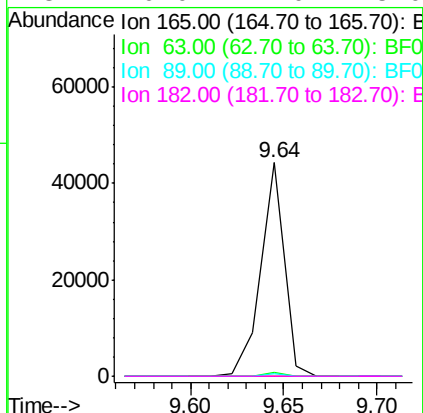
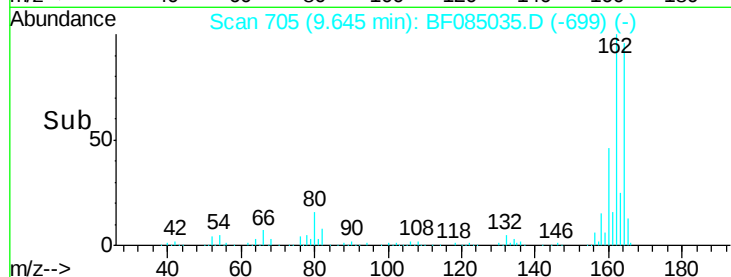
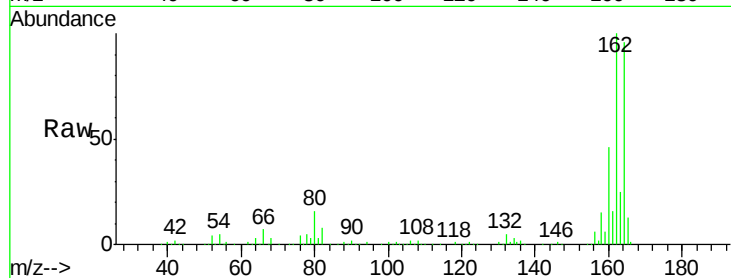




#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.23 min
 Lab File: BF085035.D
 Acq: 12 Feb 2016 2:21

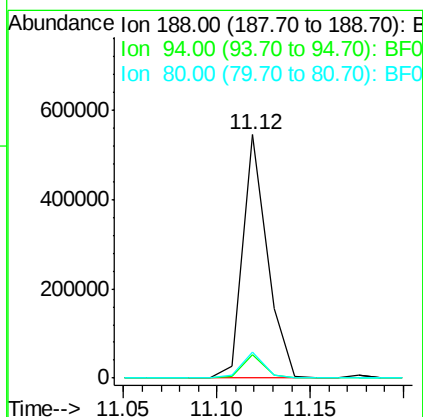
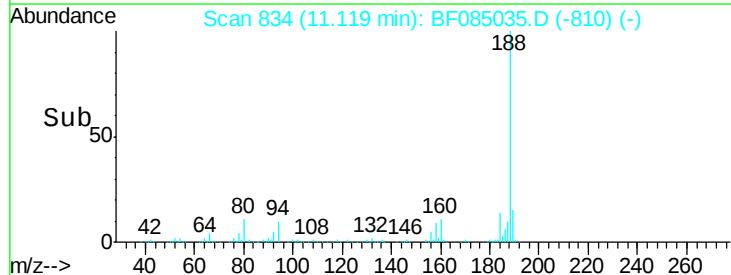
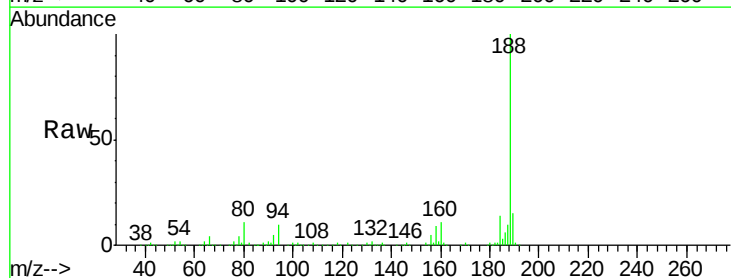
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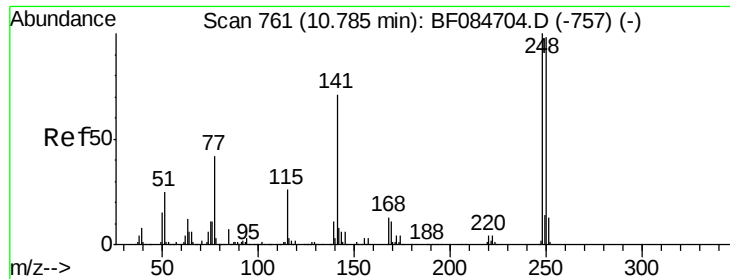
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	1.1	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF085035.D
 Acq: 12 Feb 2016 2:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	10.8	9.6	14.4





#66

4-Bromophenyl-phenylether

Concen: 3.46 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.26 min

Lab File: BF085035.D

Acq: 12 Feb 2016 2:21

Instrument :

BNA_F

ClientSampleId :

PB88306TB

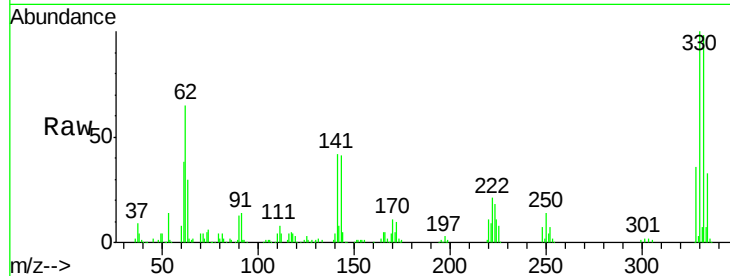
Tgt Ion:248 Resp: 19226

Ion Ratio Lower Upper

248 100

250 204.1 78.4 117.6#

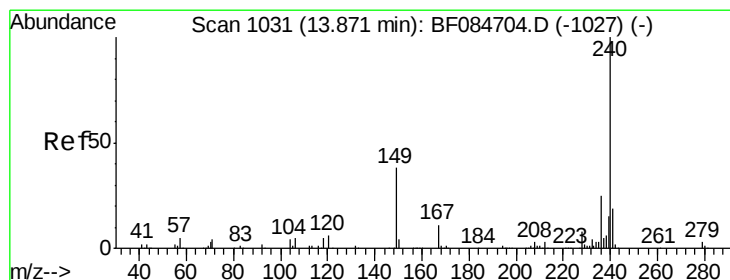
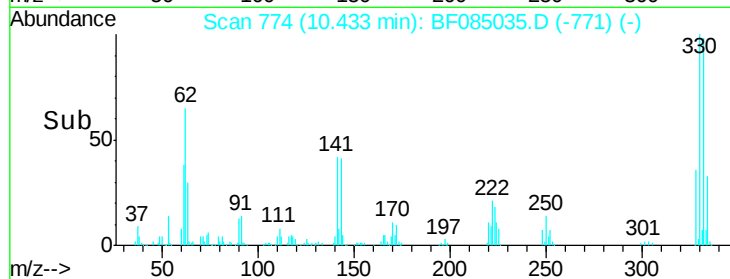
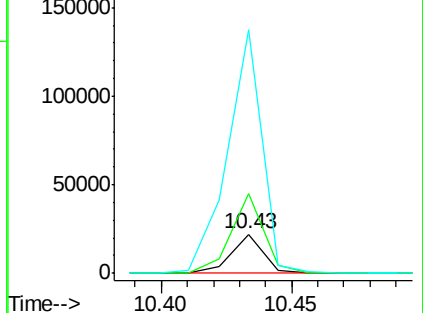
141 624.4 44.0 66.0#



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: BF085035.D

Acq: 12 Feb 2016 2:21

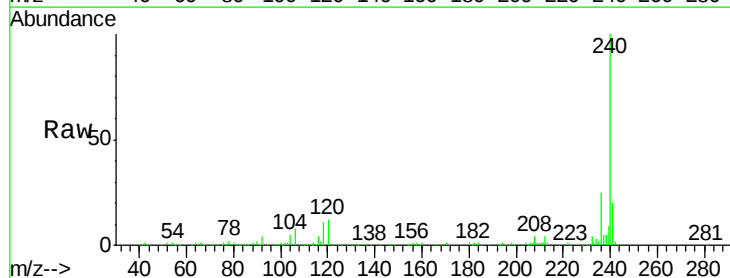
Tgt Ion:240 Resp: 325804

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

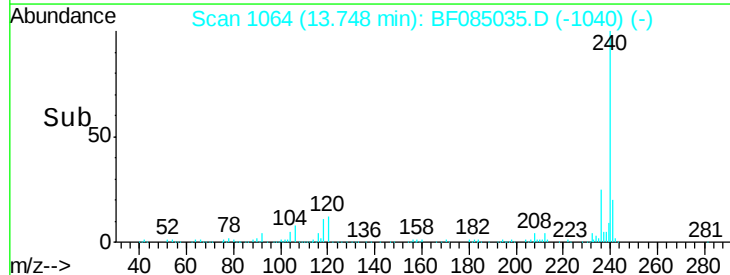
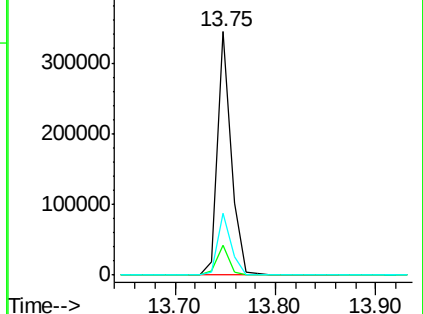
236 25.5 20.6 31.0

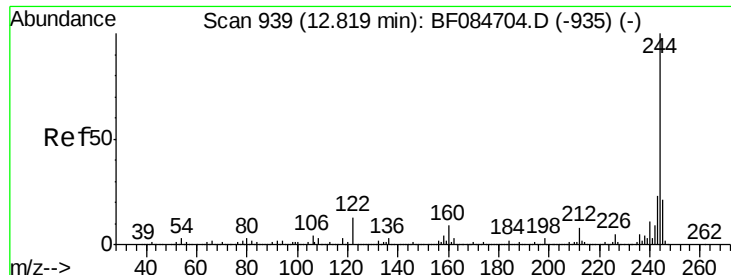


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.98 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF085035.D

Acq: 12 Feb 2016 2:21

Instrument :

BNA_F

ClientSampleId :

PB88306TB

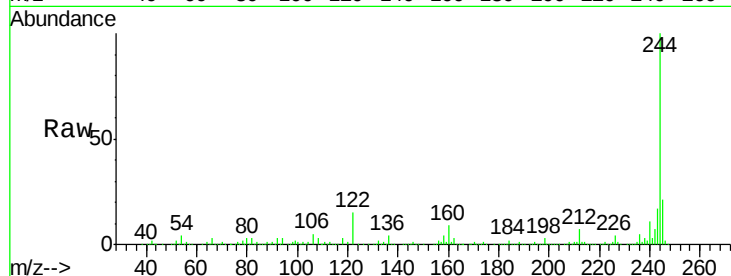
Tgt Ion:244 Resp: 1336786

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

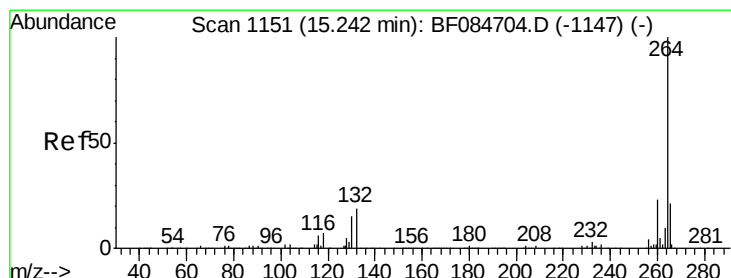
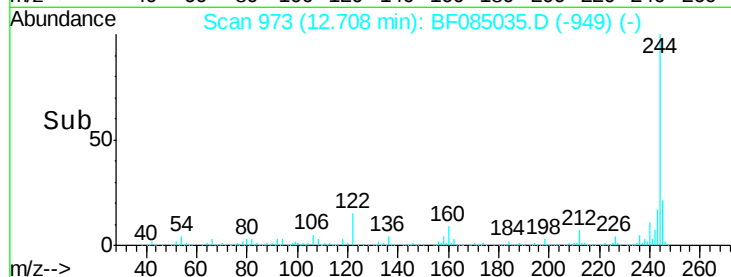
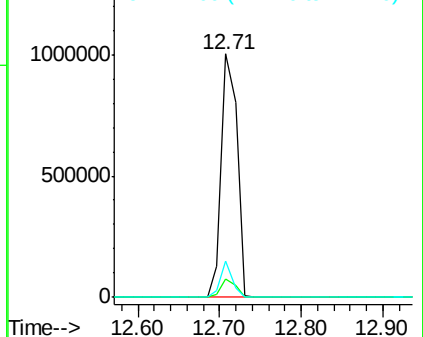
122 15.0 7.4 11.0#



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: BF085035.D

Acq: 12 Feb 2016 2:21

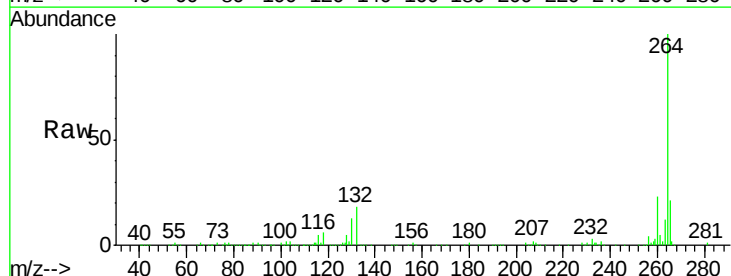
Tgt Ion:264 Resp: 285265

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.2

265 21.3 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

