

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084893.D
 Acq On : 6 Feb 2016 6:41
 Operator : SJ/IZ
 Sample : H1329-19
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B004(21-23)

Quant Time: Feb 08 02:24:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

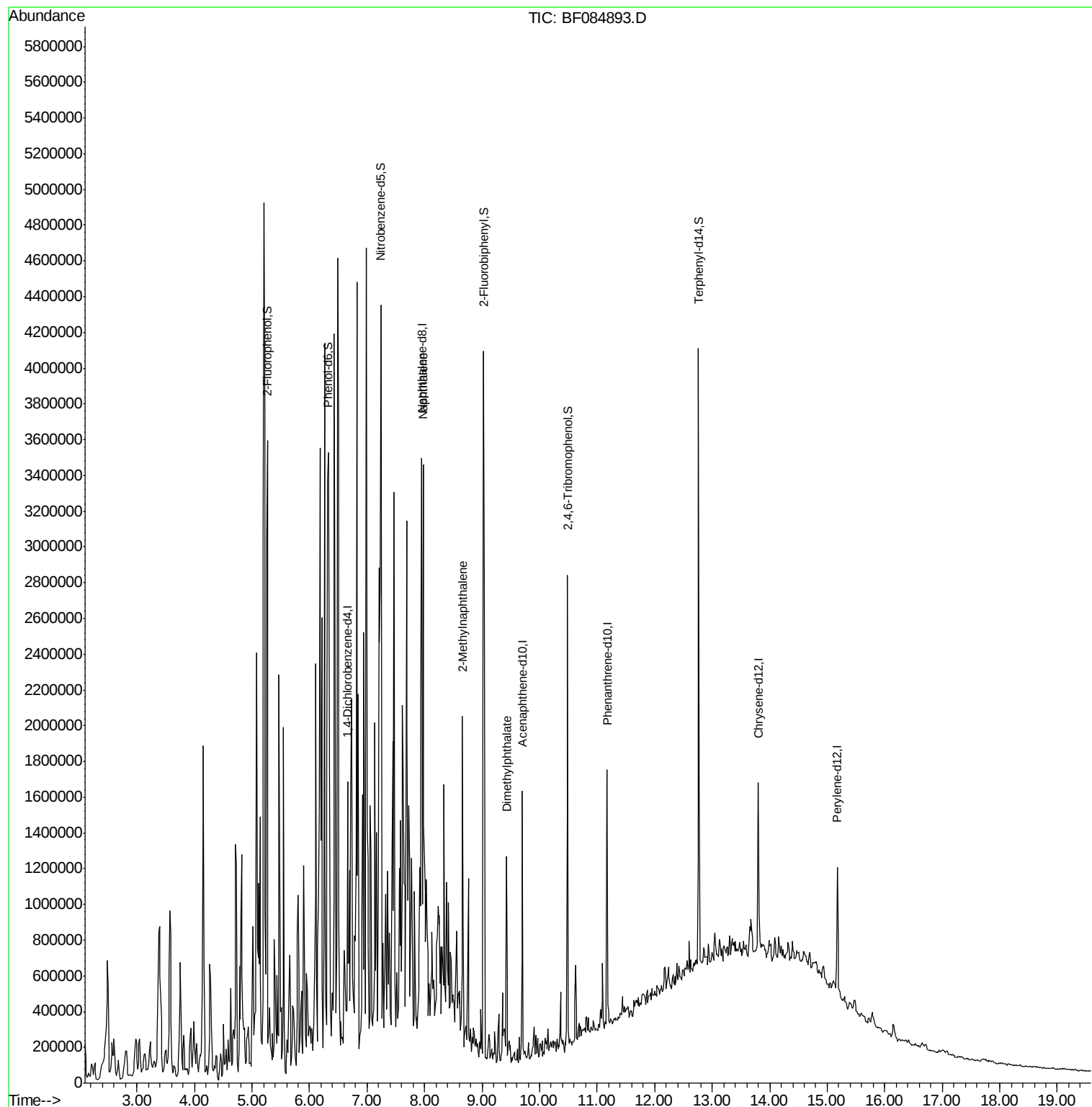
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	164168	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	621764	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	301954	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	480413	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	320393	20.00	ng	-0.03
86) Perylene-d12	15.17	264	323273	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1362873	129.31	ng	-0.01
7) Phenol-d6	6.33	99	1860897	142.42	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1162541	105.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	337329	107.10	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1681048	99.40	ng	-0.03
78) Terphenyl-d14	12.76	244	1130552	79.96	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	7.97	128	892120	28.60	ng	# 97
37) 2-Methylnaphthalene	8.66	142	547558	28.05	ng	95
49) Dimethylphthalate	9.42	163	370219	16.10	ng	# 90

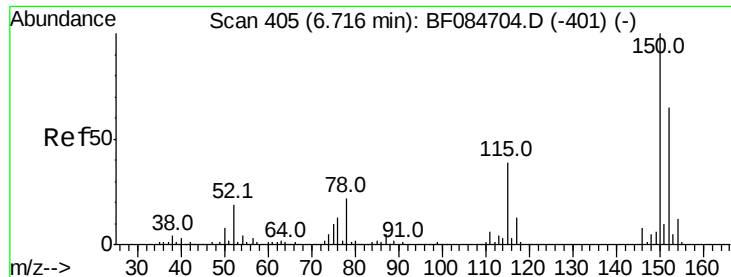
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084893.D

Acq: 6 Feb 2016 6:41

Instrument :

BNA_F

ClientSampleId :

S4-B004(21-23)

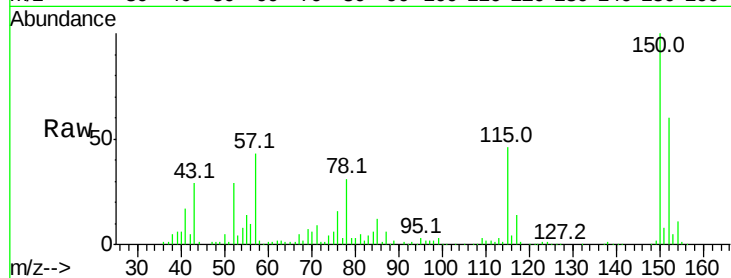
Tot Ion:152 Resp: 164168

Ion Ratio Lower Upper

152 100

150 165.8 123.0 184.4

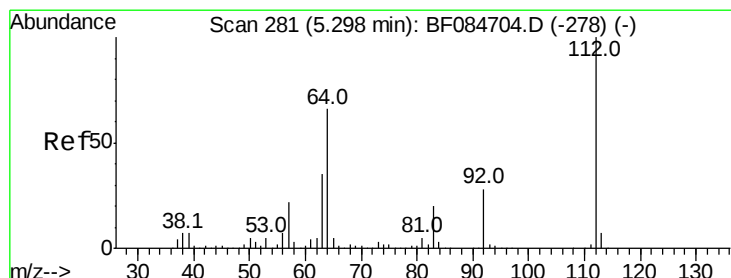
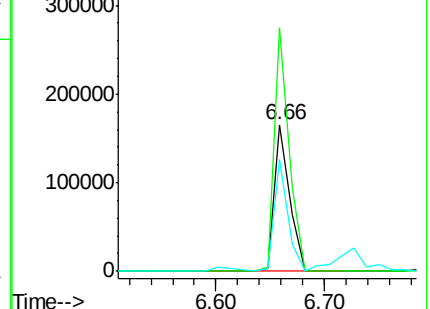
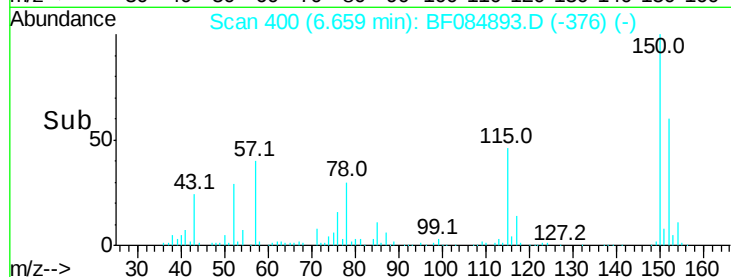
115 75.7 51.4 77.2



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: 129.31 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084893.D

Acq: 6 Feb 2016 6:41

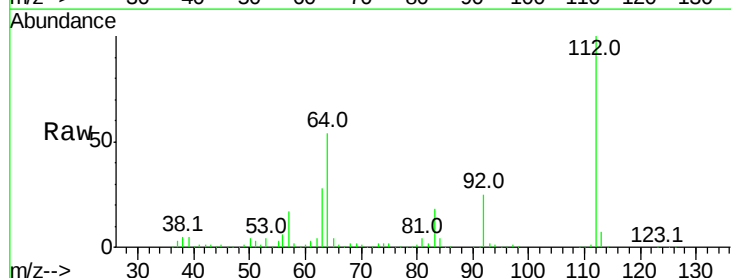
Tgt Ion:112 Resp: 1362873

Ion Ratio Lower Upper

112 100

64 53.7 36.6 55.0

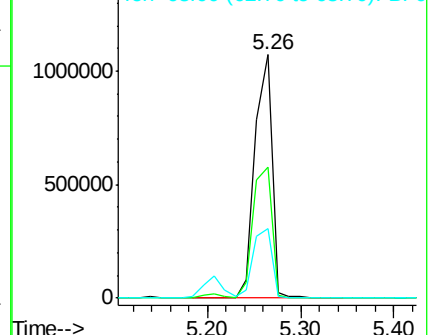
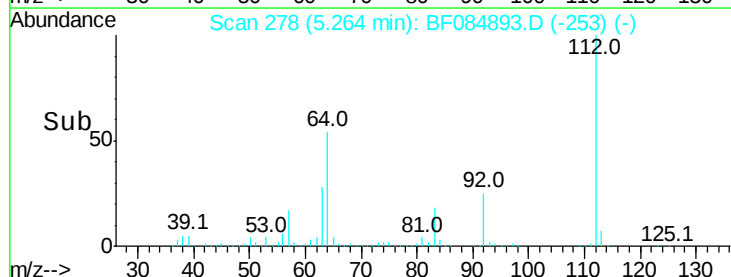
63 28.3 19.4 29.0

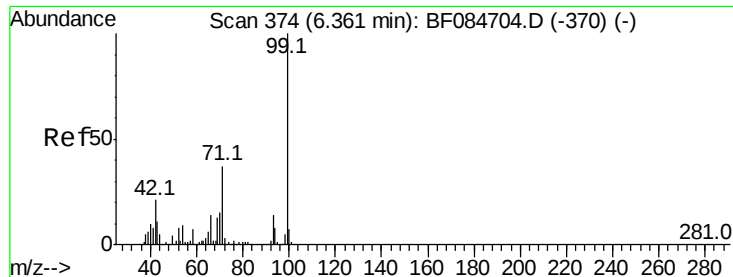


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.42 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084893.D

Acq: 6 Feb 2016 6:41

Instrument :

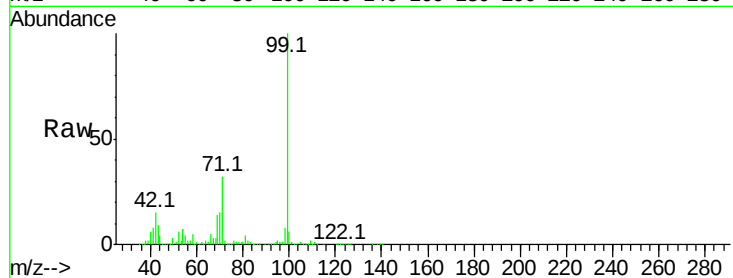
BNA_F

ClientSampleId :

S4-B004(21-23)

Tot Ion: 99 Resp: 1860897

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.8	19.2
71	32.4	30.9	46.3

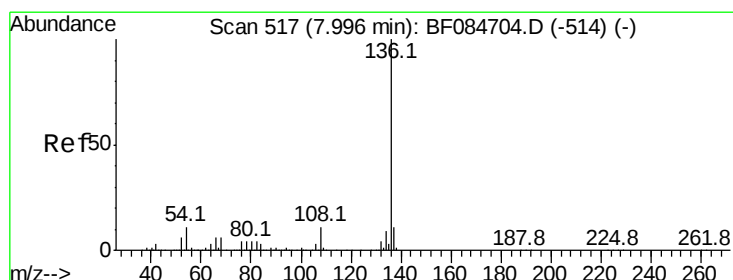
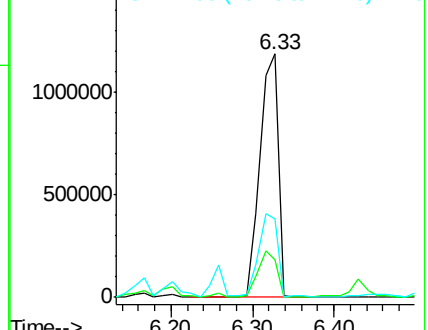
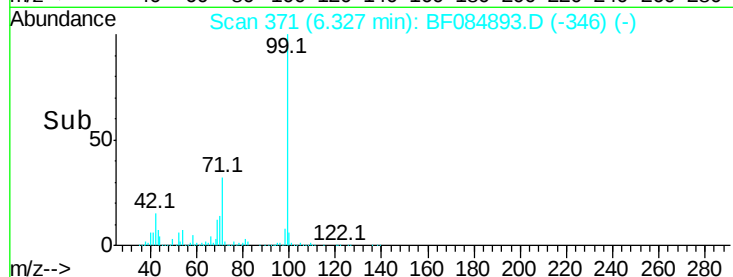


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

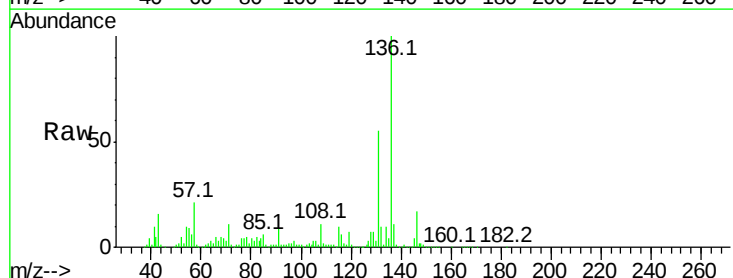
Delta R.T. -0.02 min

Lab File: BF084893.D

Acq: 6 Feb 2016 6:41

Tgt Ion: 136 Resp: 621764

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.5	5.8	8.8#
68	5.4	4.2	6.2



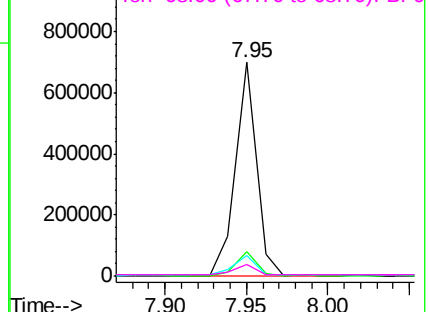
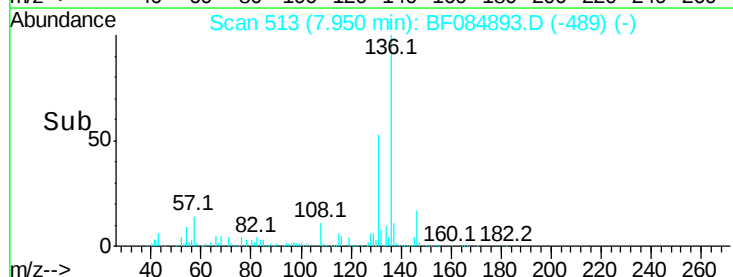
Abundance

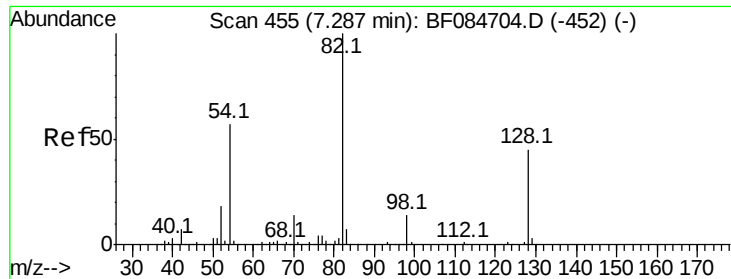
Ion 136.00 (135.70 to 136.70): E

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

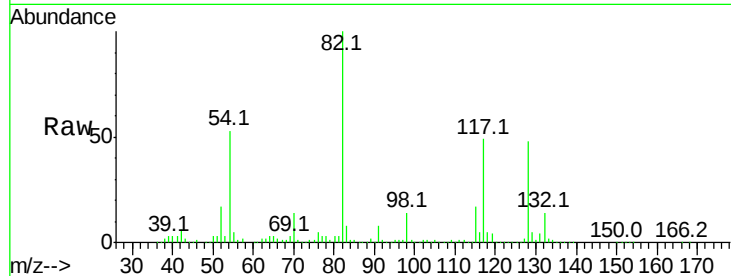




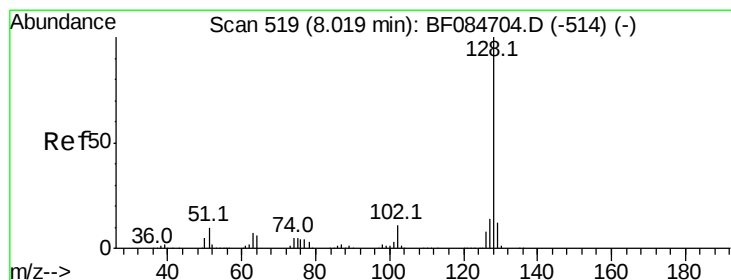
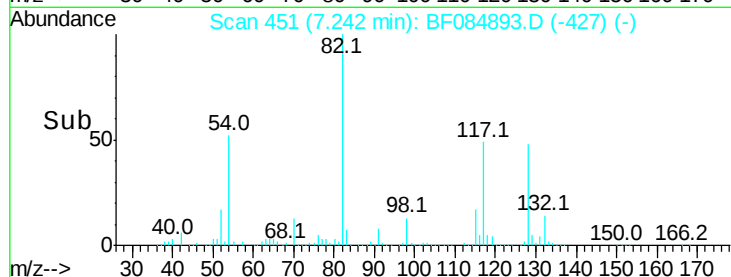
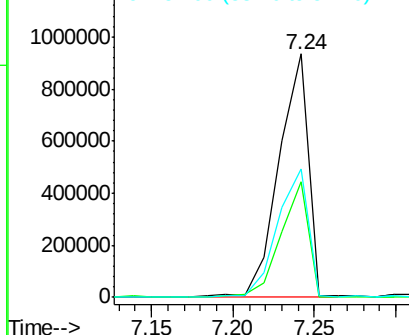
#23
Nitrobenzene-d5
Concen: 105.33 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tot Ion: 82 Resp: 1162541
Ion Ratio Lower Upper
82 100
128 47.7 34.6 51.8
54 52.5 38.4 57.6

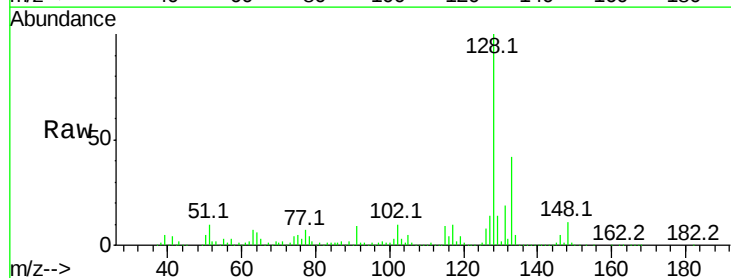


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

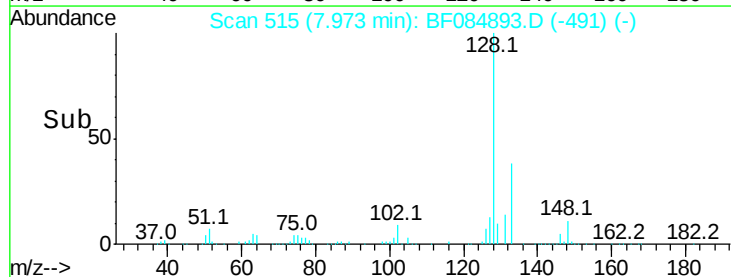
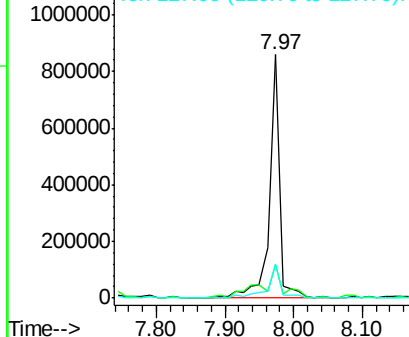


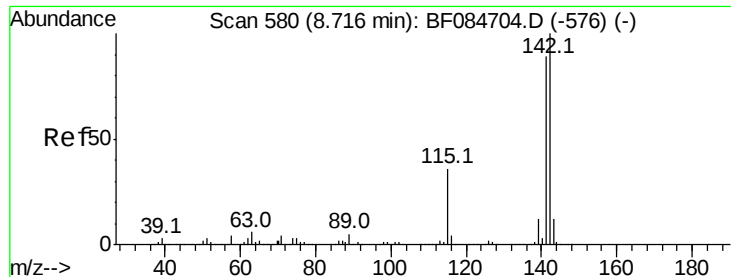
#31
Naphthalene
Concen: 28.60 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Tgt Ion:128 Resp: 892120
Ion Ratio Lower Upper
128 100
129 13.7 9.1 13.7#
127 13.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 28.05 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.03 min

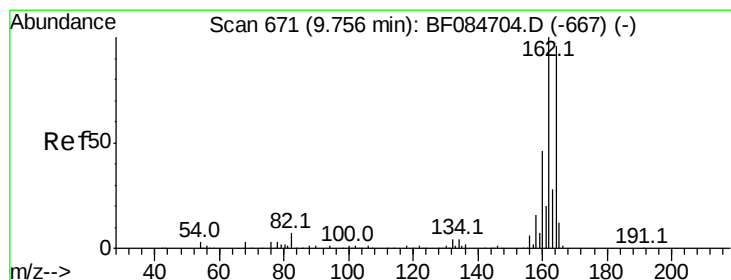
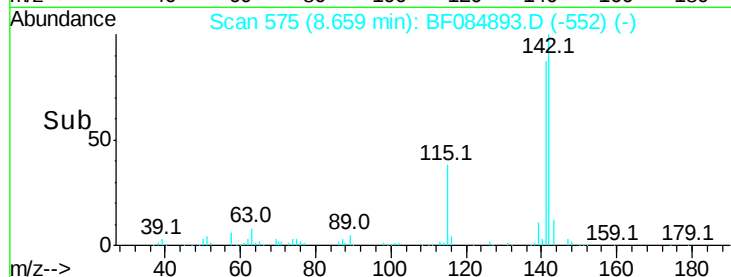
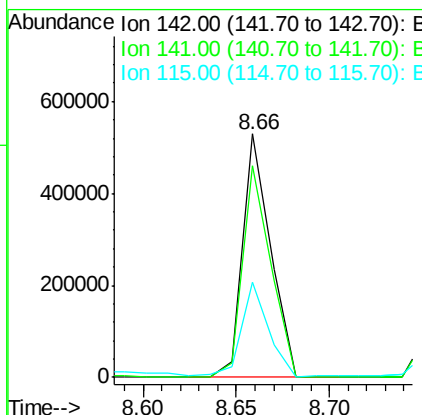
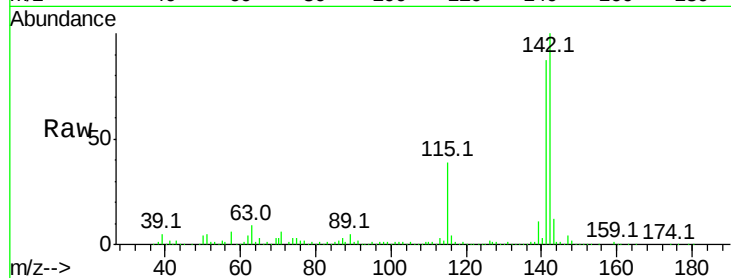
Lab File: BF084893.D

Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tot Ion:142 Resp: 547558

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.4	108.6
115	39.3	27.9	41.9



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

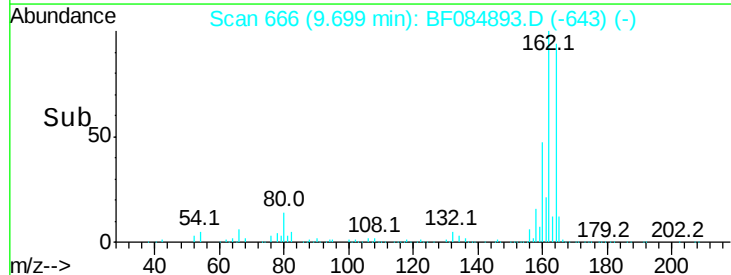
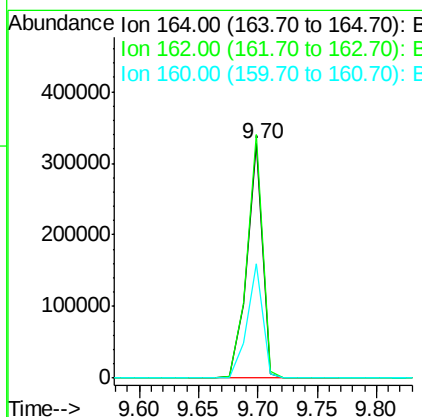
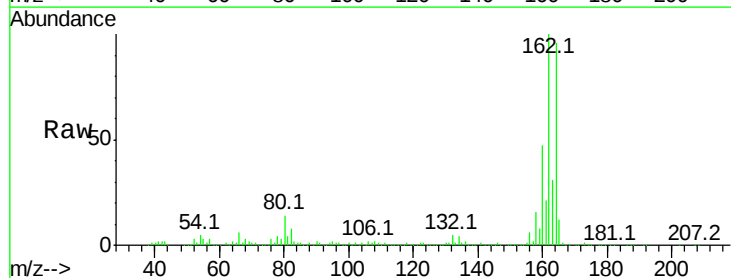
Delta R.T. -0.03 min

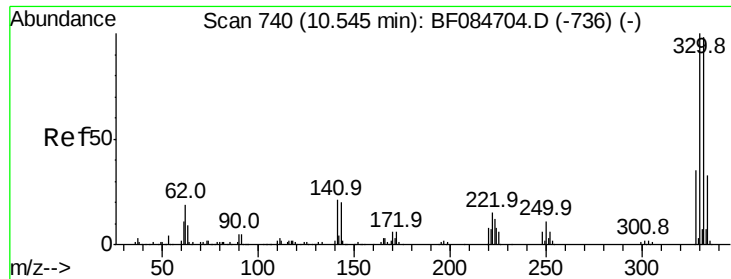
Lab File: BF084893.D

Acq: 6 Feb 2016 6:41

Tgt Ion:164 Resp: 301954

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.1	127.7
160	48.7	37.5	56.3

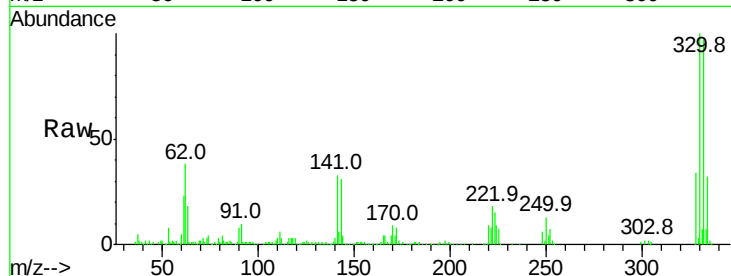




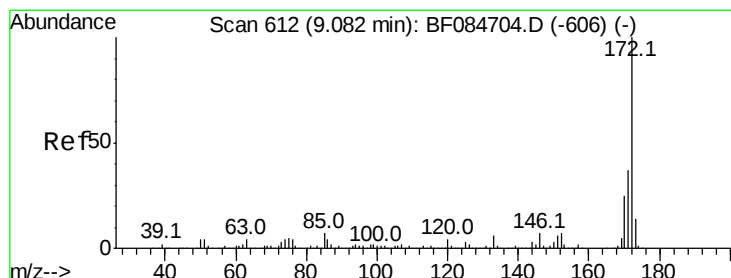
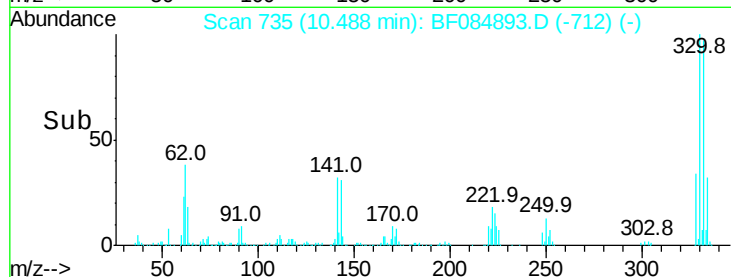
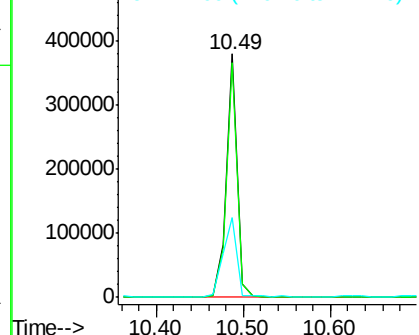
#41
 2,4,6-Tribromophenol
 Concen: 107.10 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084893.D
 Acq: 6 Feb 2016 6:41

Instrument :
 BNA_F
 ClientSampleId :
 S4-B004(21-23)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	41.3	27.8	41.6

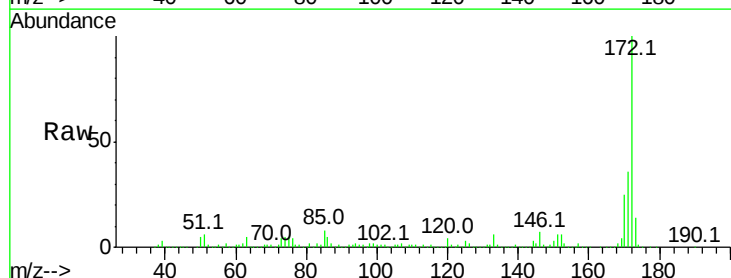


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

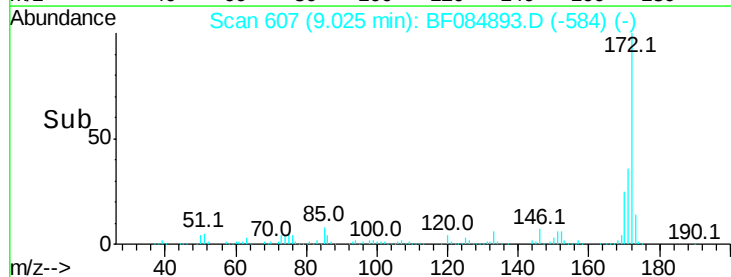
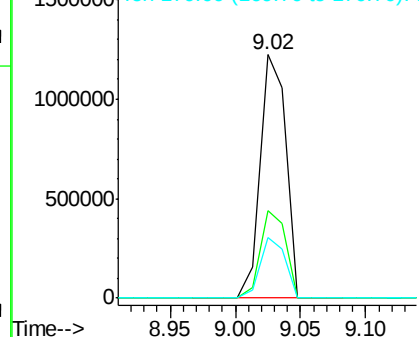


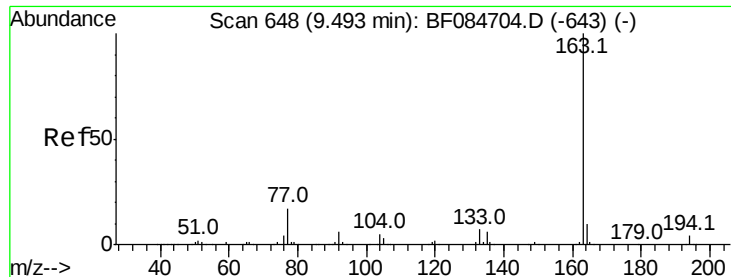
#44
 2-Fluorobiphenyl
 Concen: 99.40 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084893.D
 Acq: 6 Feb 2016 6:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.7	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: 16.10 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.05 min

Lab File: BF084893.D

Acq: 6 Feb 2016 6:41

Instrument :

BNA_F

ClientSampleId :

S4-B004(21-23)

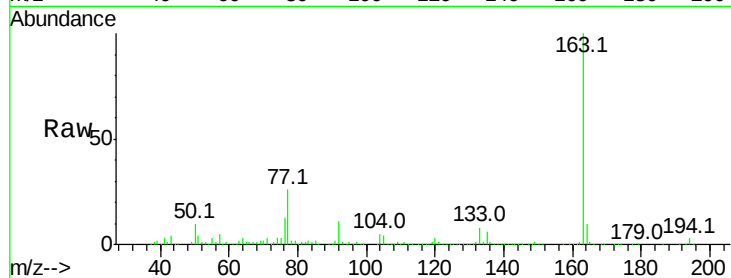
Tot Ion:163 Resp: 370219

Ion Ratio Lower Upper

163 100

194 3.1 8.0 12.0#

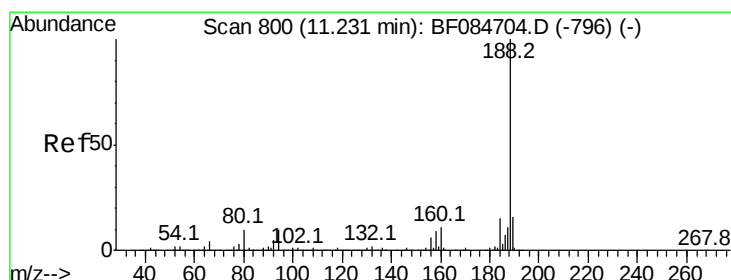
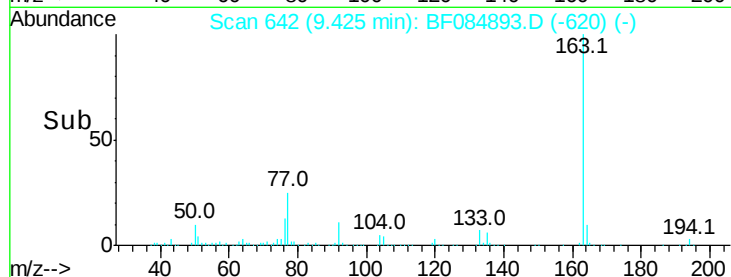
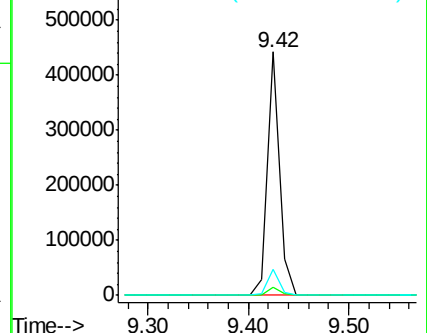
164 10.5 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.03 min

Lab File: BF084893.D

Acq: 6 Feb 2016 6:41

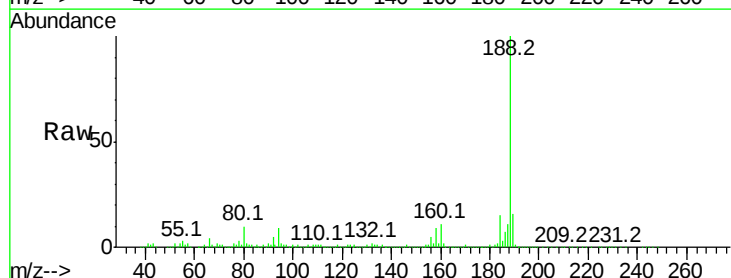
Tgt Ion:188 Resp: 480413

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4

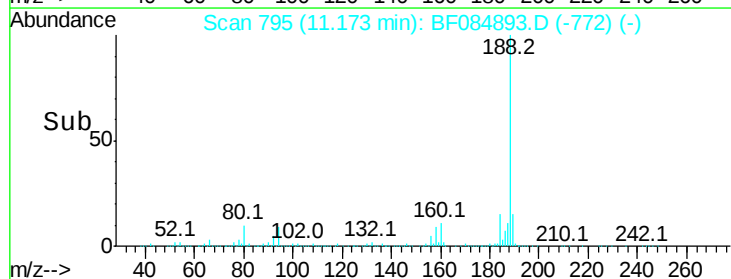
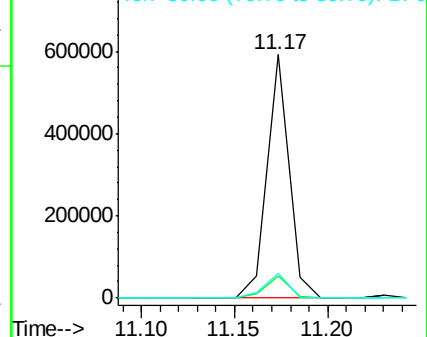
80 9.9 9.6 14.4

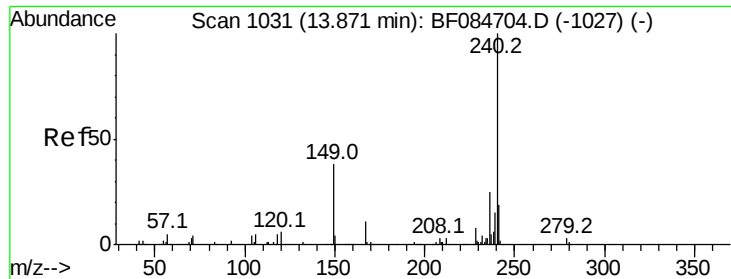


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084893.D

Acq: 6 Feb 2016 6:41

Instrument :

BNA_F

ClientSampleId :

S4-B004(21-23)

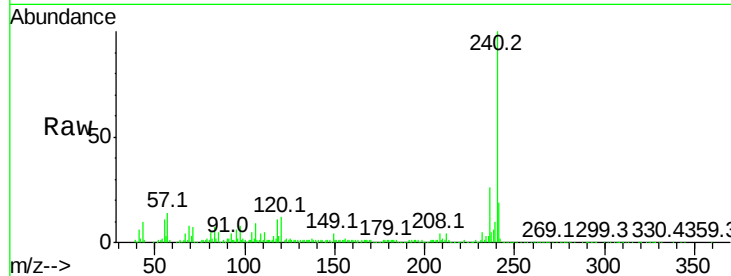
Tot Ion:240 Resp: 320393

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

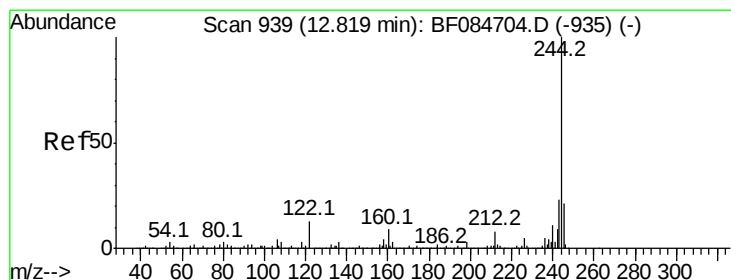
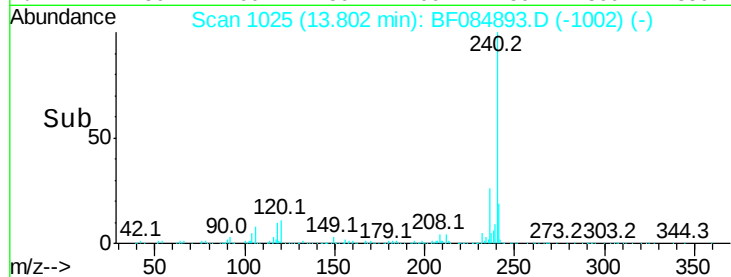
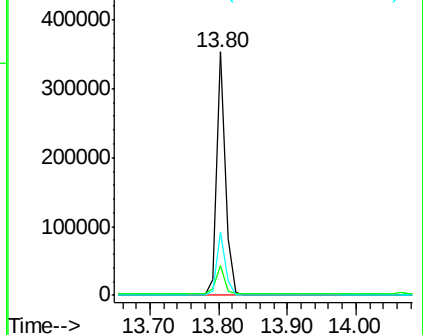
236 25.9 20.6 31.0



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: 79.96 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084893.D

Acq: 6 Feb 2016 6:41

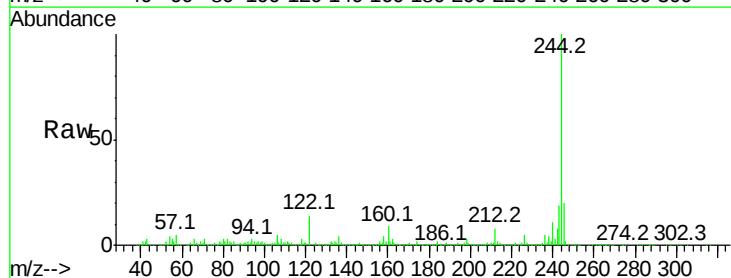
Tgt Ion:244 Resp: 1130552

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

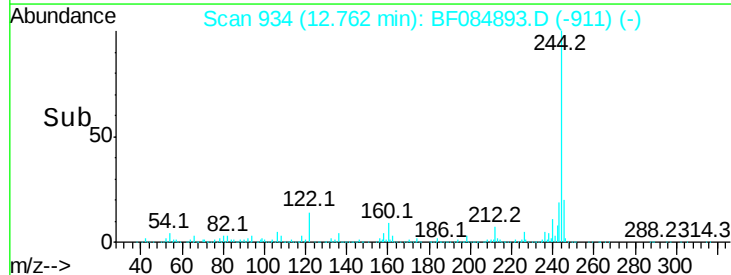
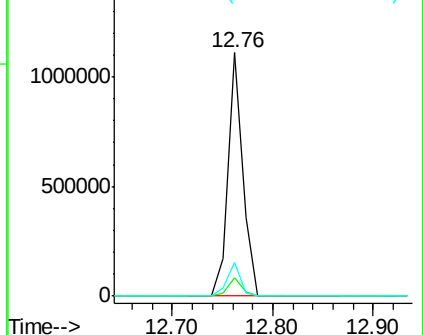
122 13.9 7.4 11.0#

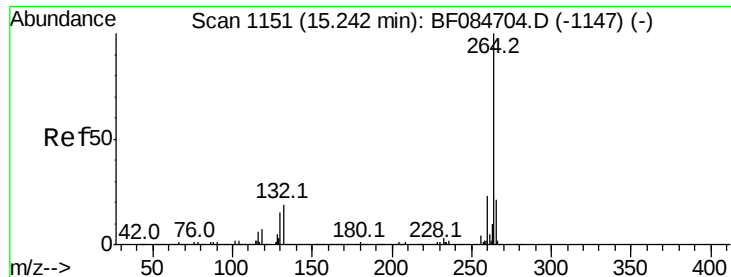


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

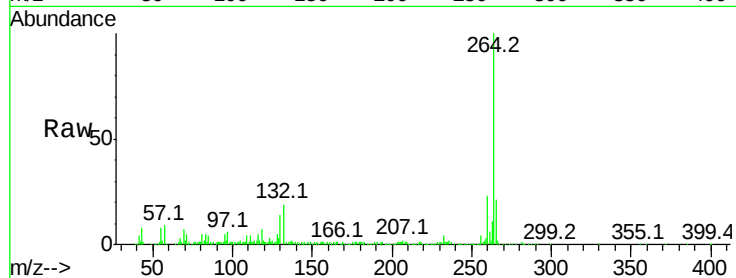




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084893.D
Acq: 6 Feb 2016 6:41

Instrument :
BNA_F
ClientSampleId :
S4-B004(21-23)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.4	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

