

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084894.D
 Acq On : 6 Feb 2016 7:09
 Operator : SJ/IZ
 Sample : H1329-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B004(30-32)

Quant Time: Feb 08 02:24:16 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

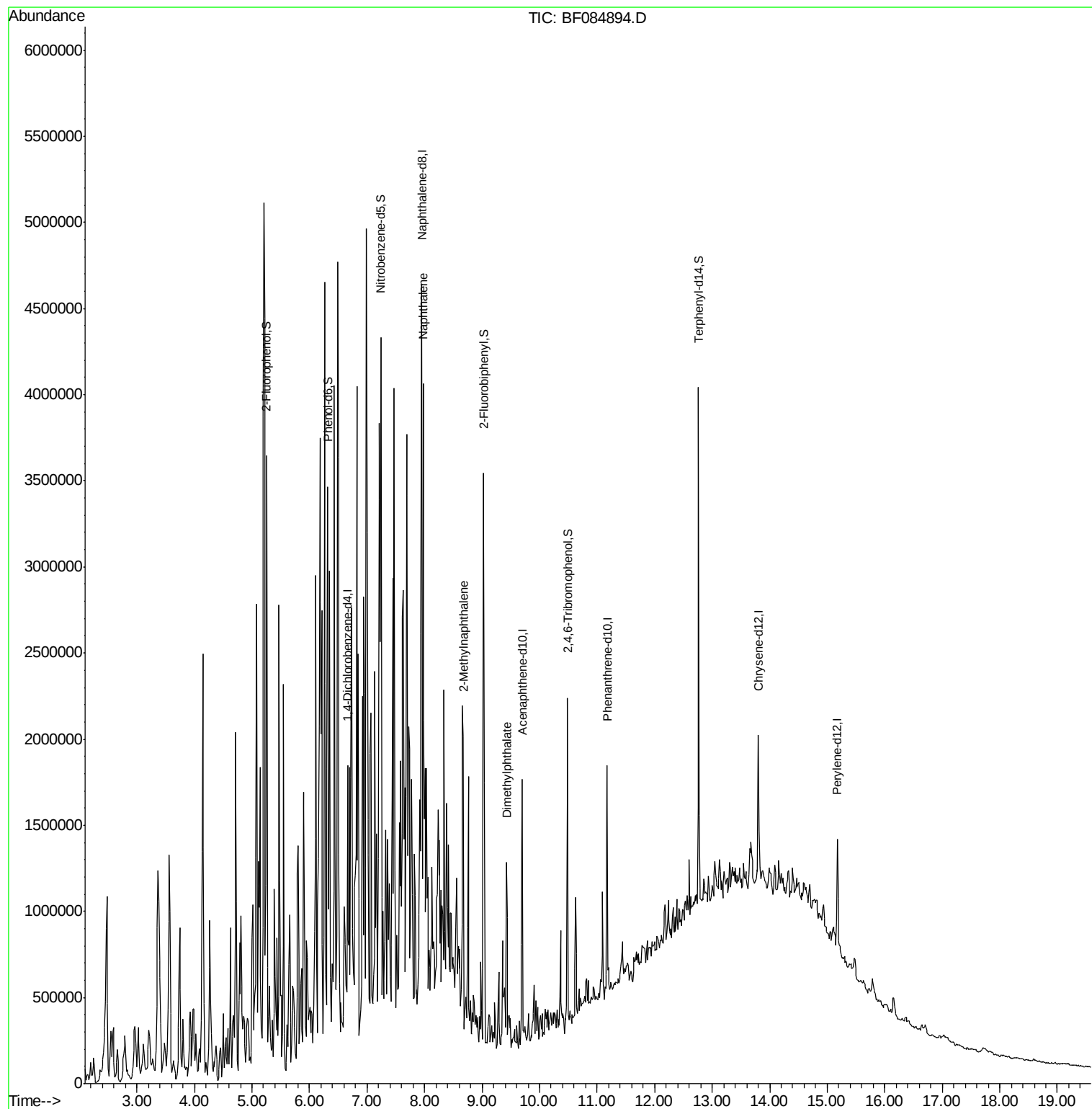
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	161472	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	567145	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	293717	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	455348	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	306111	20.00	ng	-0.03
86) Perylene-d12	15.17	264	305108	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	949772	91.62	ng	-0.02
7) Phenol-d6	6.32	99	1168076	90.89	ng	-0.02
23) Nitrobenzene-d5	7.24	82	840637	83.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	286537	93.53	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1234806	65.66	ng	-0.03
78) Terphenyl-d14	12.76	244	895264	66.27	ng	-0.03
Target Compounds						
31) Naphthalene	7.97	128	973302	34.21	ng	# 95
37) 2-Methylnaphthalene	8.67	142	769656	43.23	ng	# 96
49) Dimethylphthalate	9.42	163	315583	14.11	ng	# 90

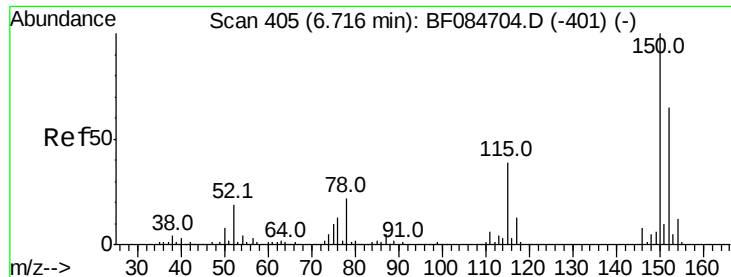
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084894.D
Acq On : 6 Feb 2016 7:09
Operator : SJ/IZ
Sample : H1329-20
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B004(30-32)

Quant Time: Feb 08 02:24:16 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084894.D

Acq: 6 Feb 2016 7:09

Instrument :

BNA_F

ClientSampleId :

S4-B004(30-32)

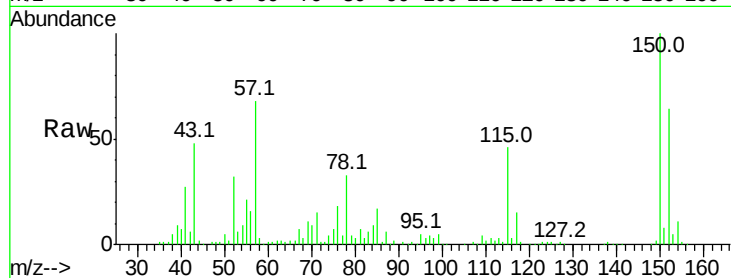
Tot Ion:152 Resp: 161472

Ion Ratio Lower Upper

152 100

150 155.9 123.0 184.4

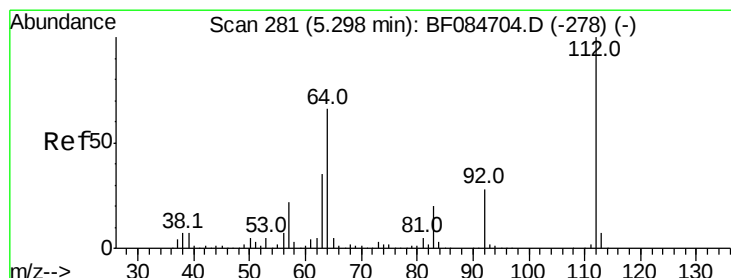
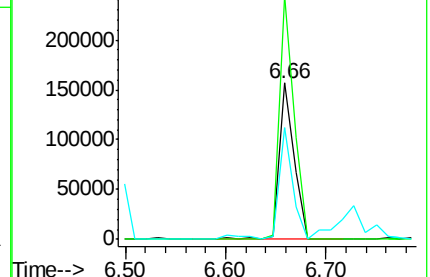
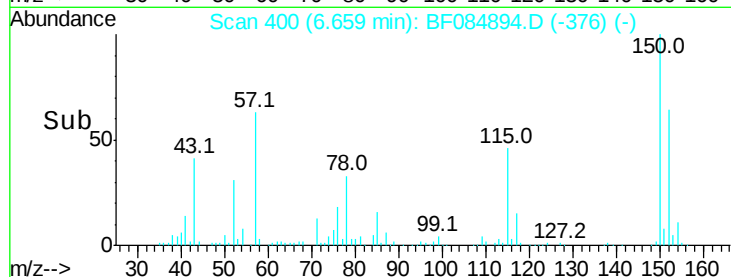
115 71.8 51.4 77.2



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: 91.62 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084894.D

Acq: 6 Feb 2016 7:09

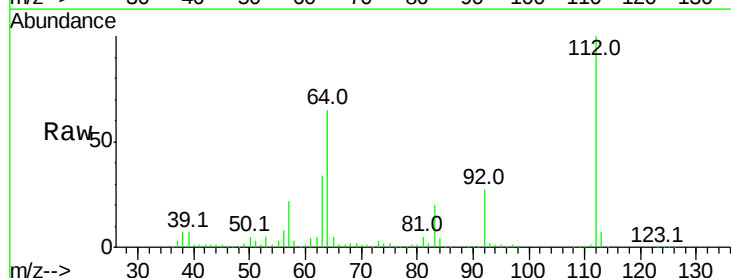
Tgt Ion:112 Resp: 949772

Ion Ratio Lower Upper

112 100

64 65.3 36.6 55.0#

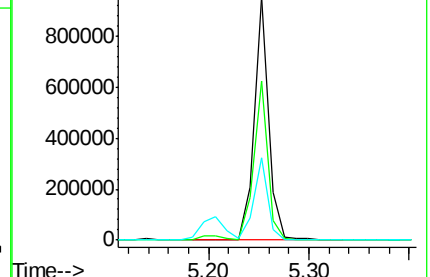
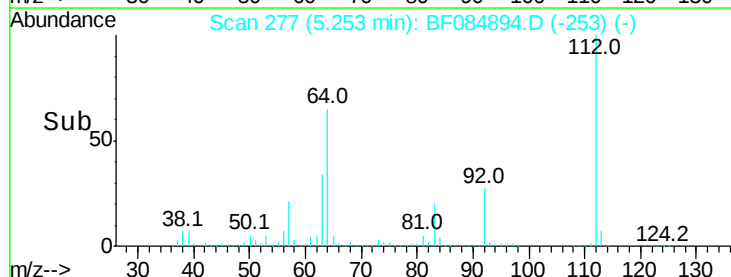
63 34.0 19.4 29.0#

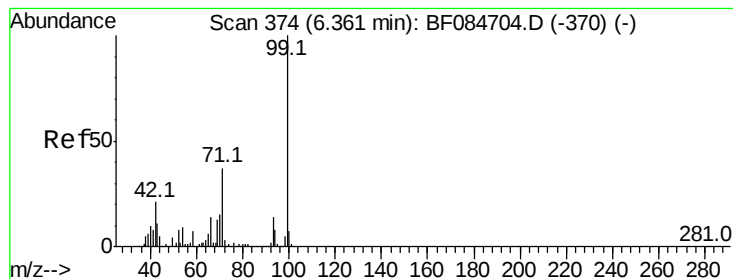


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 90.89 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084894.D

Acq: 6 Feb 2016 7:09

Instrument :

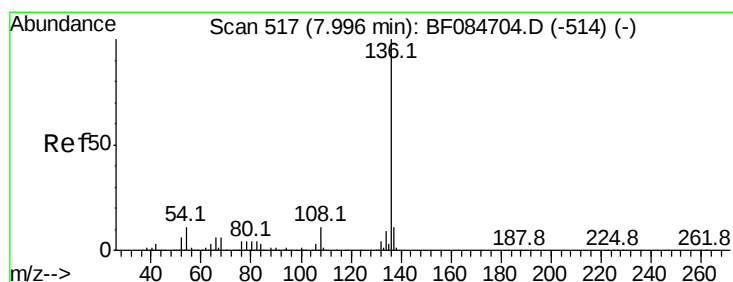
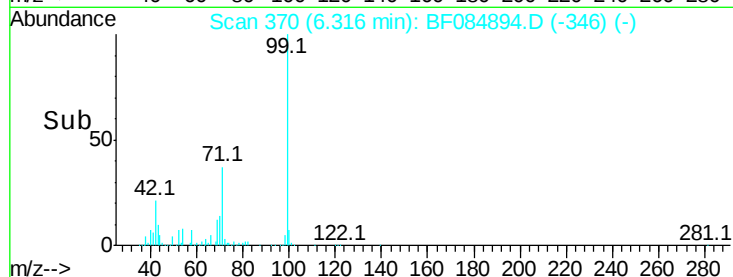
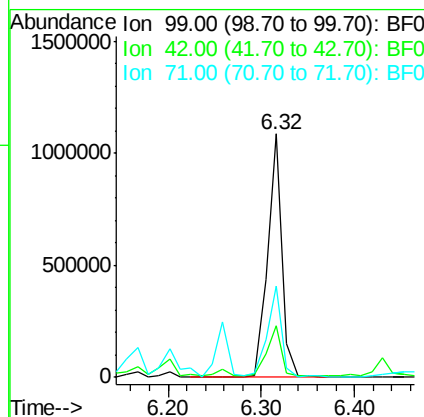
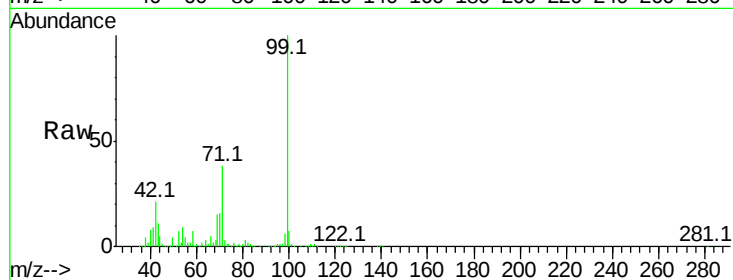
BNA_F

ClientSampleId :

S4-B004(30-32)

Tot Ion: 99 Resp: 1168076

Ion	Ratio	Lower	Upper
99	100		
42	21.2	12.8	19.2#
71	37.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

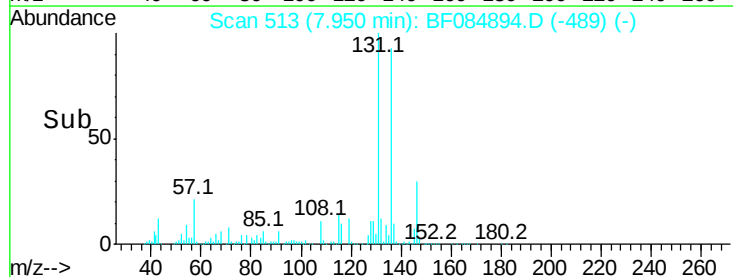
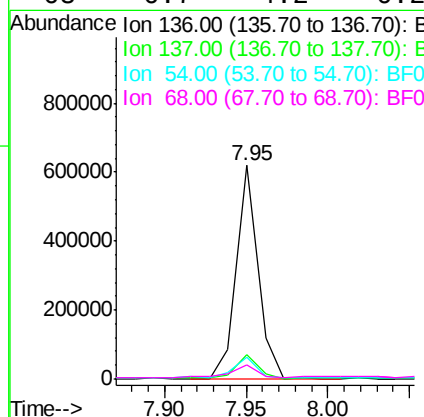
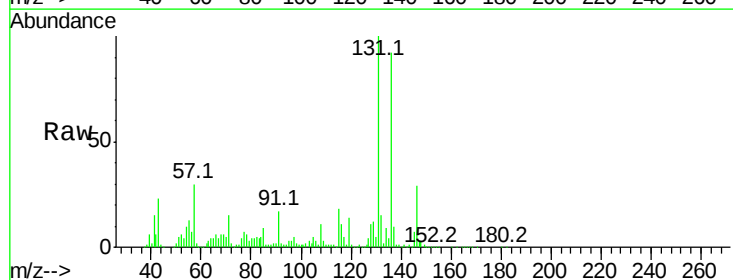
Delta R.T. -0.02 min

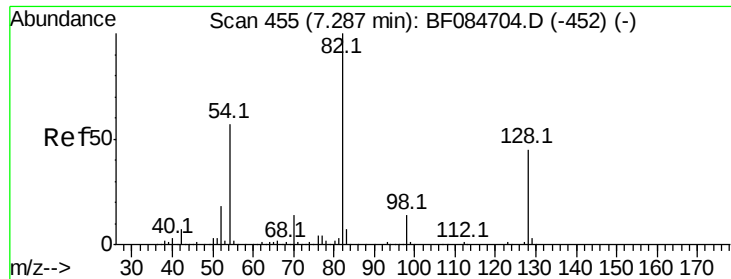
Lab File: BF084894.D

Acq: 6 Feb 2016 7:09

Tgt Ion: 136 Resp: 567145

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.3	5.8	8.8#
68	6.7	4.2	6.2#

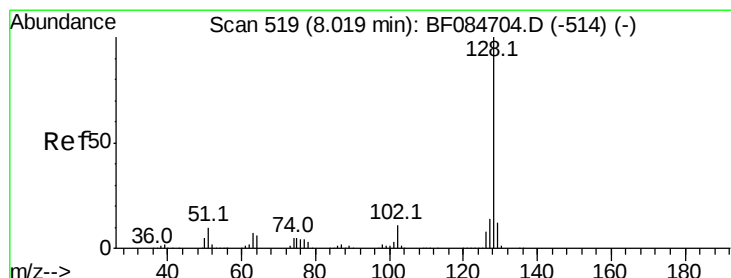
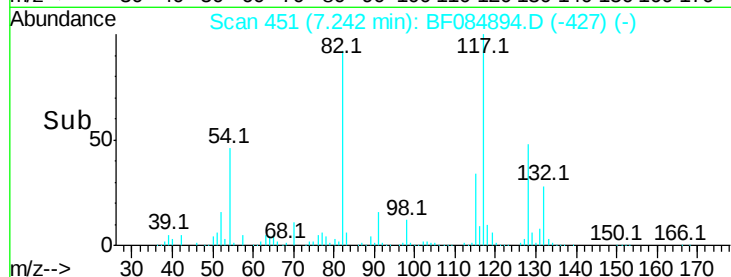
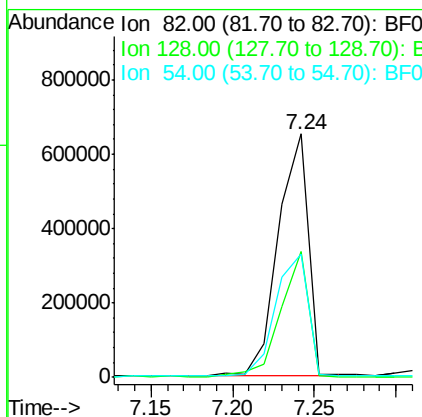
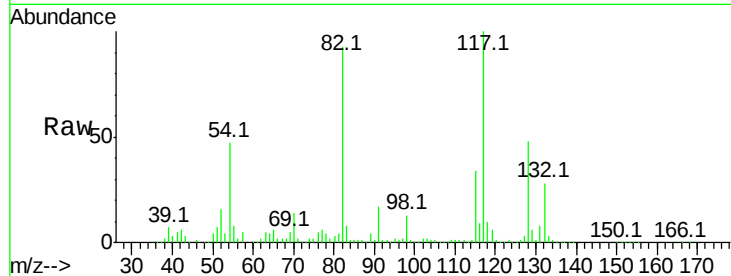




#23
Nitrobenzene-d5
Concen: 83.50 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF084894.D
Acq: 6 Feb 2016 7:09

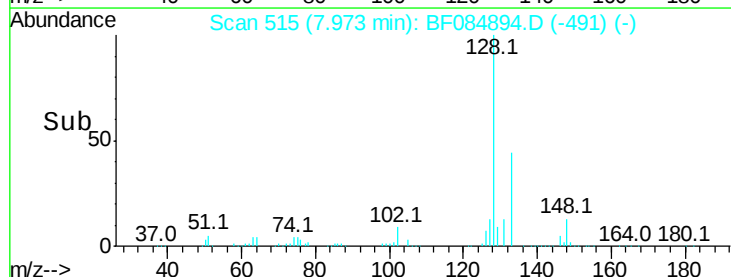
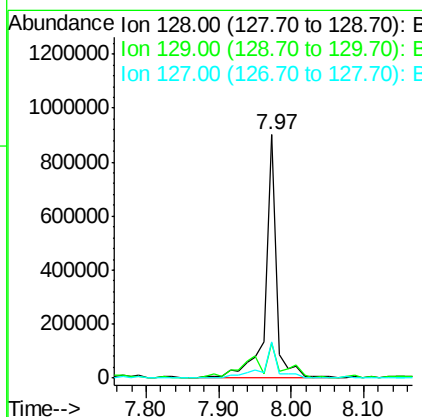
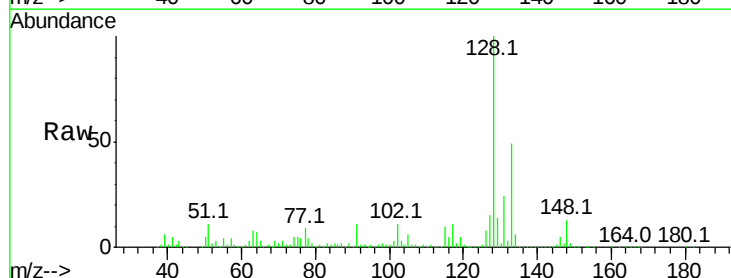
Instrument :
BNA_F
ClientSampled :
S4-B004(30-32)

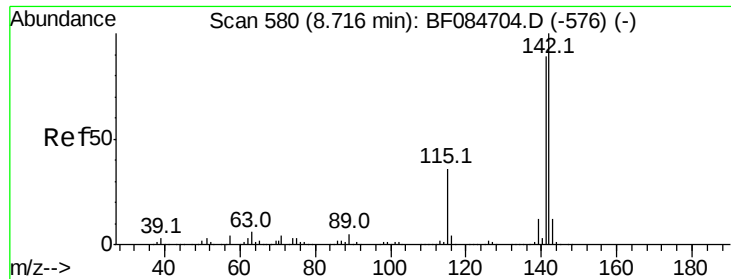
Tot Ion: 82 Resp: 840637
Ion Ratio Lower Upper
82 100
128 51.5 34.6 51.8
54 50.8 38.4 57.6



#31
Naphthalene
Concen: 34.21 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084894.D
Acq: 6 Feb 2016 7:09

Tgt Ion:128 Resp: 973302
Ion Ratio Lower Upper
128 100
129 14.4 9.1 13.7#
127 14.7 11.1 16.7

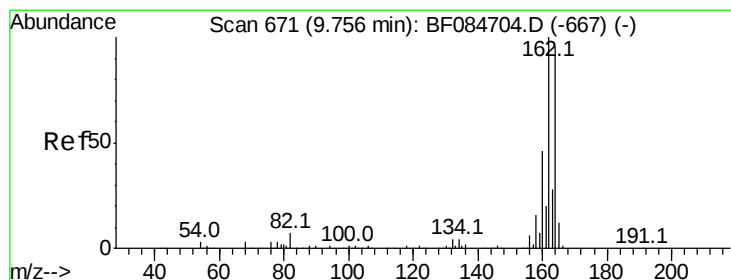
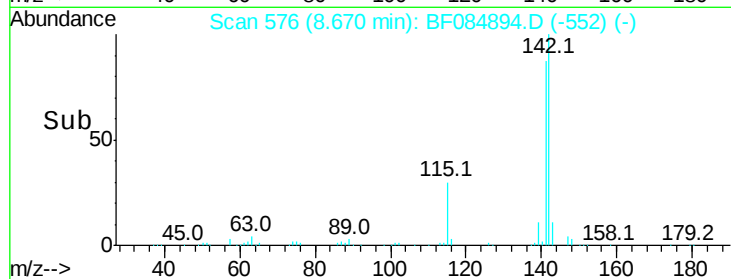
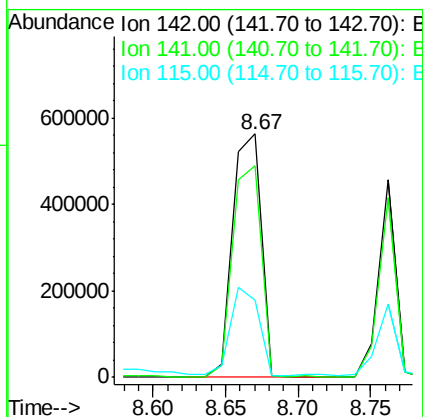
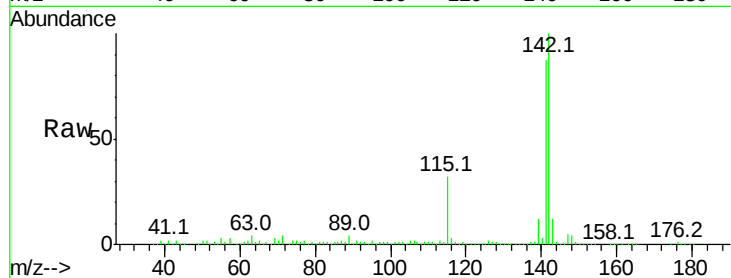




#37
2-Methylnaphthalene
Concen: 43.23 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF084894.D
Acq: 6 Feb 2016 7:09

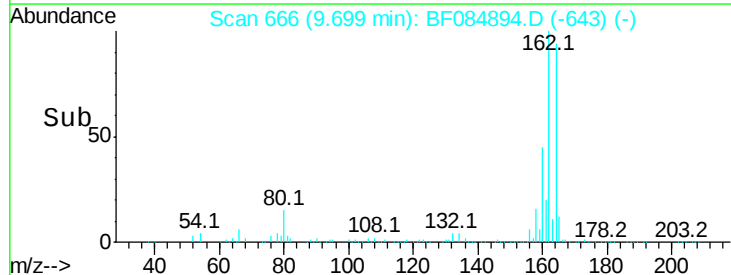
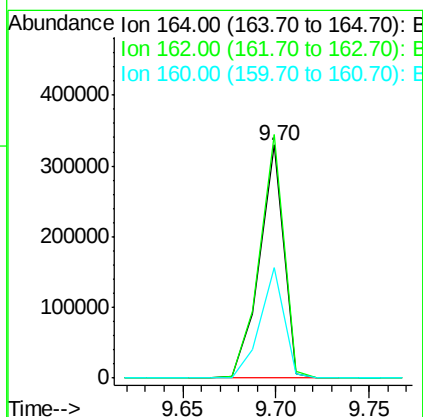
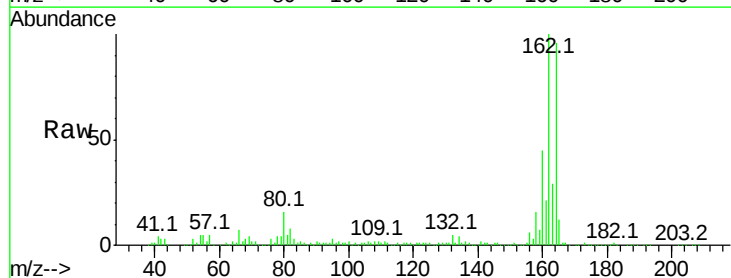
Instrument :
BNA_F
ClientSampleId :
S4-B004(30-32)

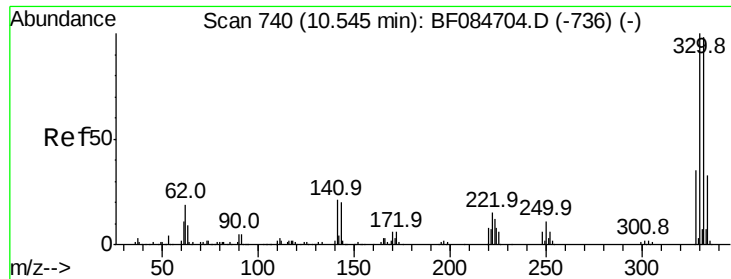
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.4	108.6
115	31.9	27.9	41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084894.D
Acq: 6 Feb 2016 7:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.1	127.7
160	47.4	37.5	56.3

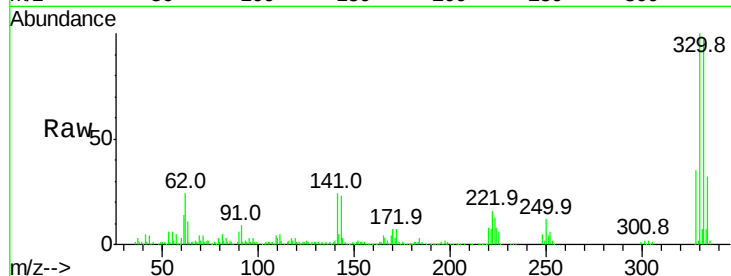




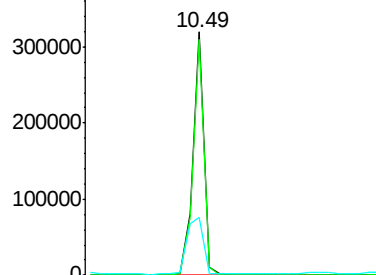
#41
 2,4,6-Tribromophenol
 Concen: 93.53 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084894.D
 Acq: 6 Feb 2016 7:09

Instrument :
 BNA_F
 ClientSampleId :
 S4-B004(30-32)

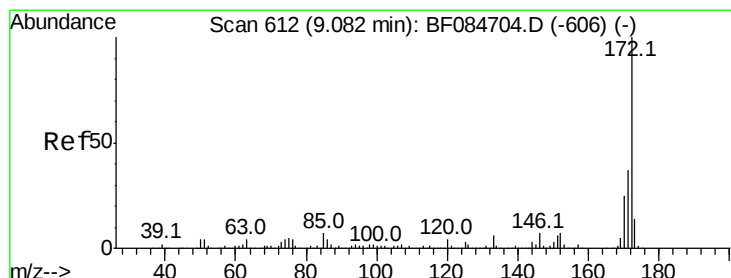
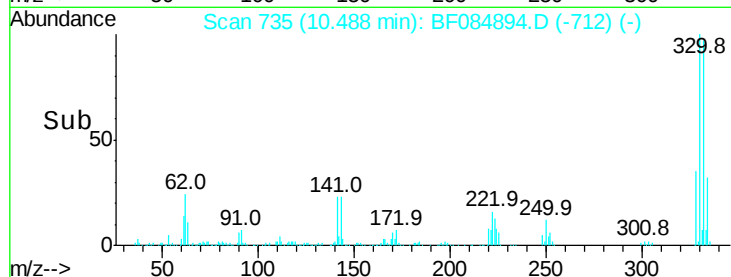
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	36.4	27.8	41.6



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

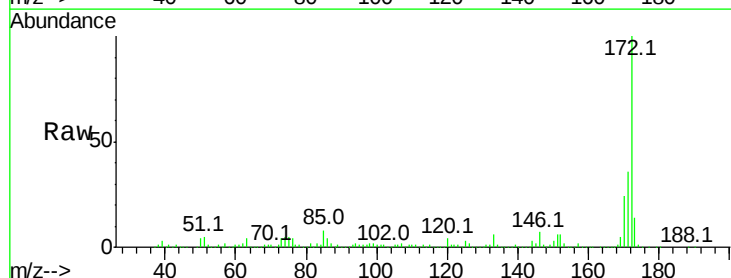


Time-->

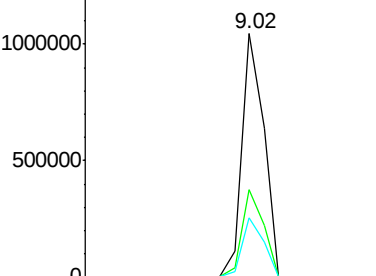


#44
 2-Fluorobiphenyl
 Concen: 65.66 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084894.D
 Acq: 6 Feb 2016 7:09

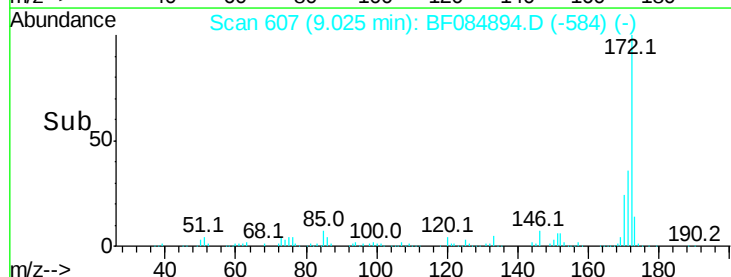
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	24.2	18.6	27.8

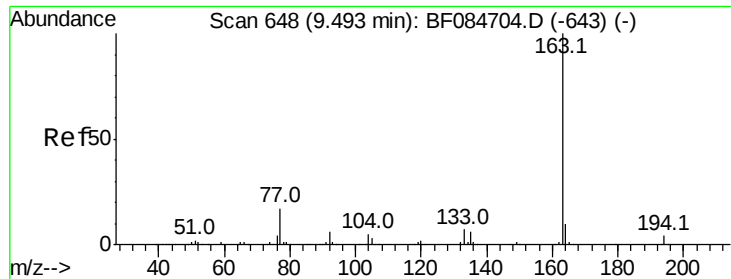


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->

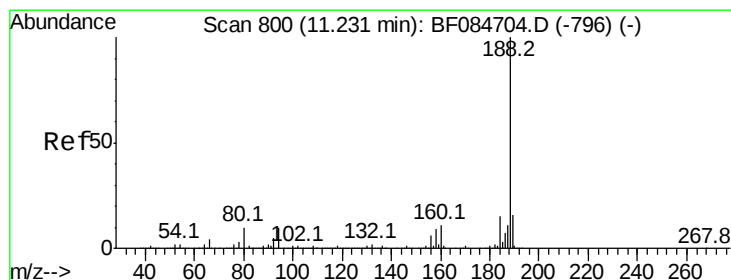
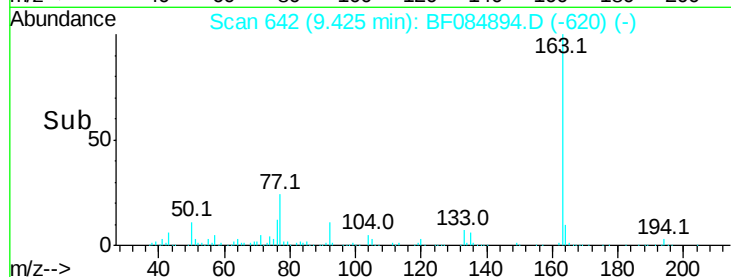
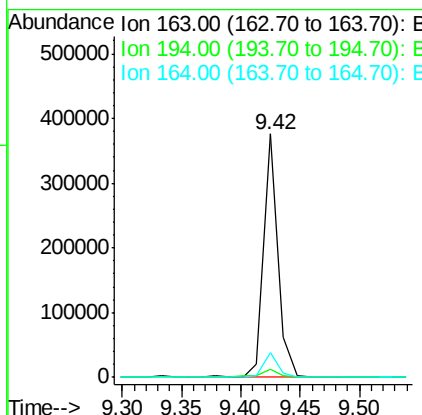
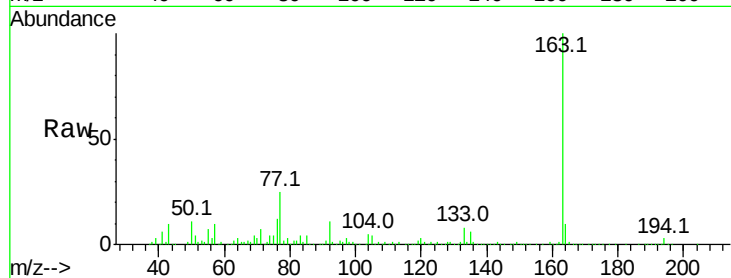




#49
Dimethylphthalate
Concen: 14.11 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084894.D
Acq: 6 Feb 2016 7:09

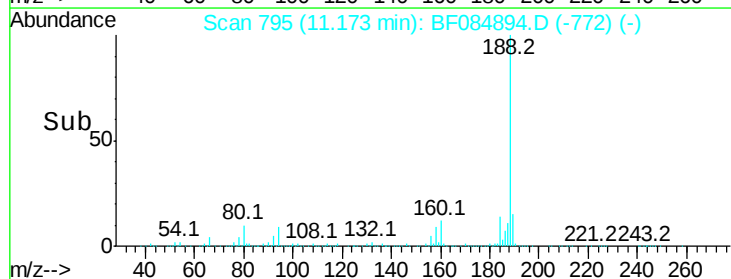
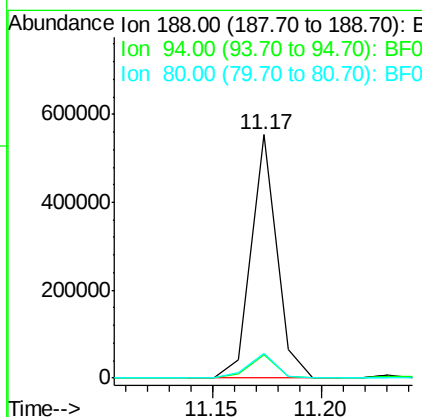
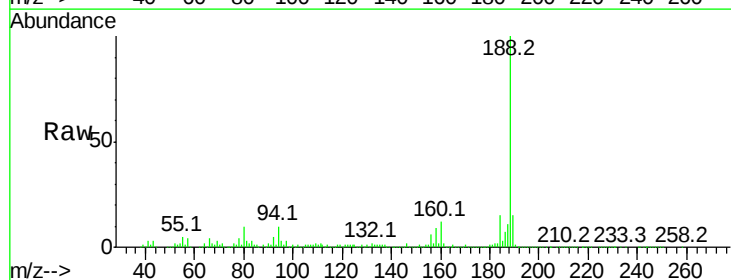
Instrument :
BNA_F
ClientSampleId :
S4-B004(30-32)

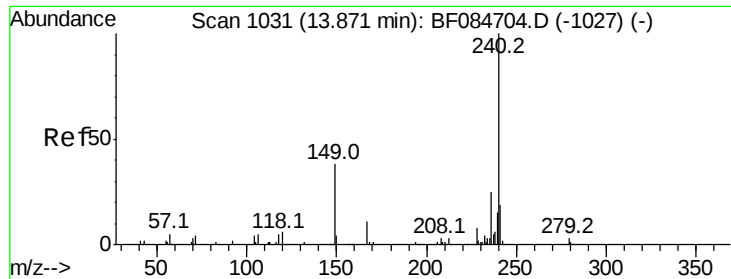
Tot Ion:163 Resp: 315583
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.3 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084894.D
Acq: 6 Feb 2016 7:09

Tgt Ion:188 Resp: 455348
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 10.4 9.6 14.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084894.D

Acq: 6 Feb 2016 7:09

Instrument :

BNA_F

ClientSampleId :

S4-B004(30-32)

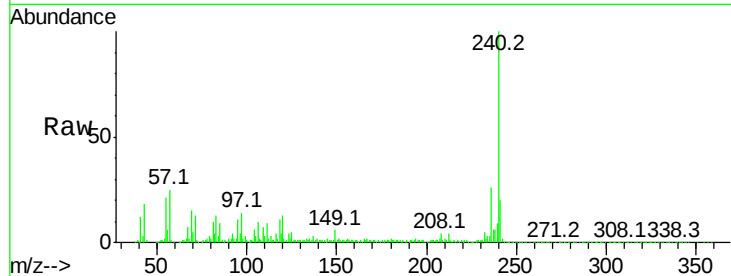
Tot Ion:240 Resp: 306111

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

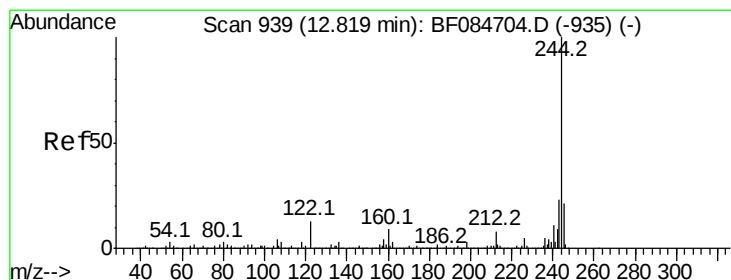
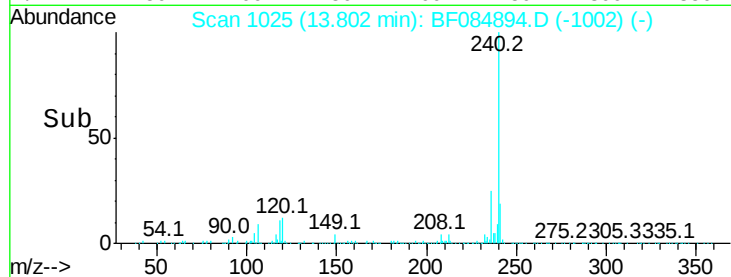
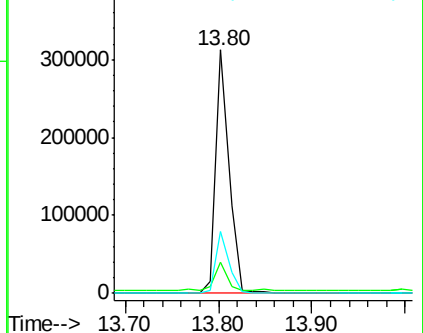
236 25.6 20.6 31.0



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: 66.27 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084894.D

Acq: 6 Feb 2016 7:09

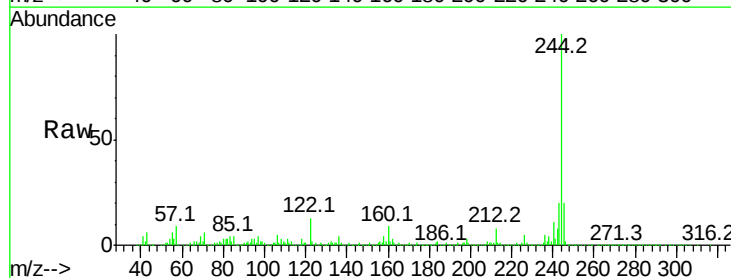
Tgt Ion:244 Resp: 895264

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

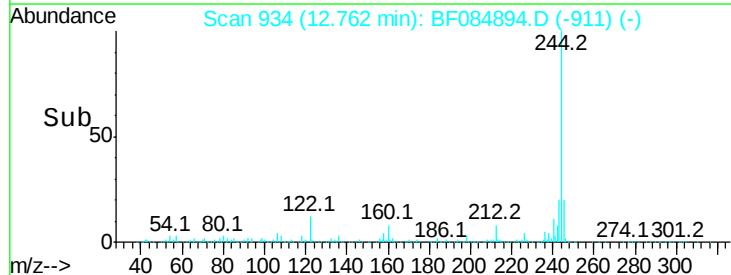
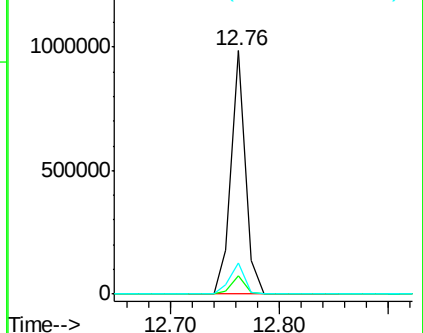
122 12.6 7.4 11.0#

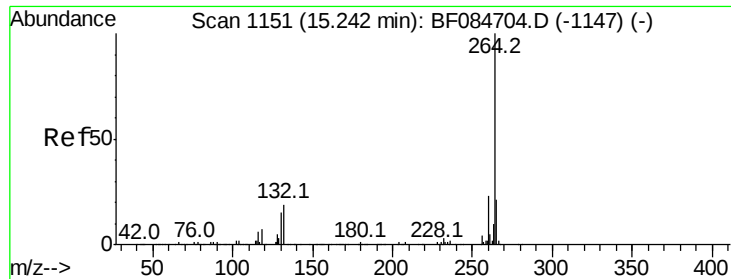


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

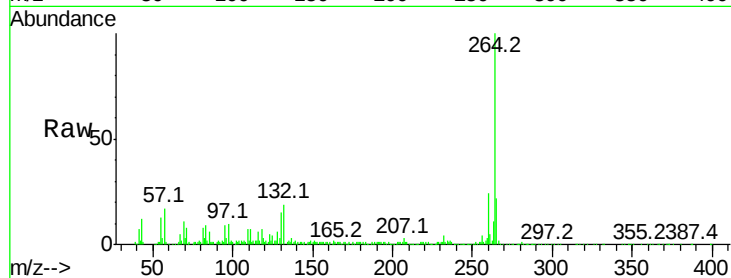




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084894.D
Acq: 6 Feb 2016 7:09

Instrument :
BNA_F
ClientSampleId :
S4-B004(30-32)

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.8	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

