

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084960.D
 Acq On : 9 Feb 2016 19:02
 Operator : SJ/IZ
 Sample : H1386-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(47-49)

Quant Time: Feb 10 04:17:43 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

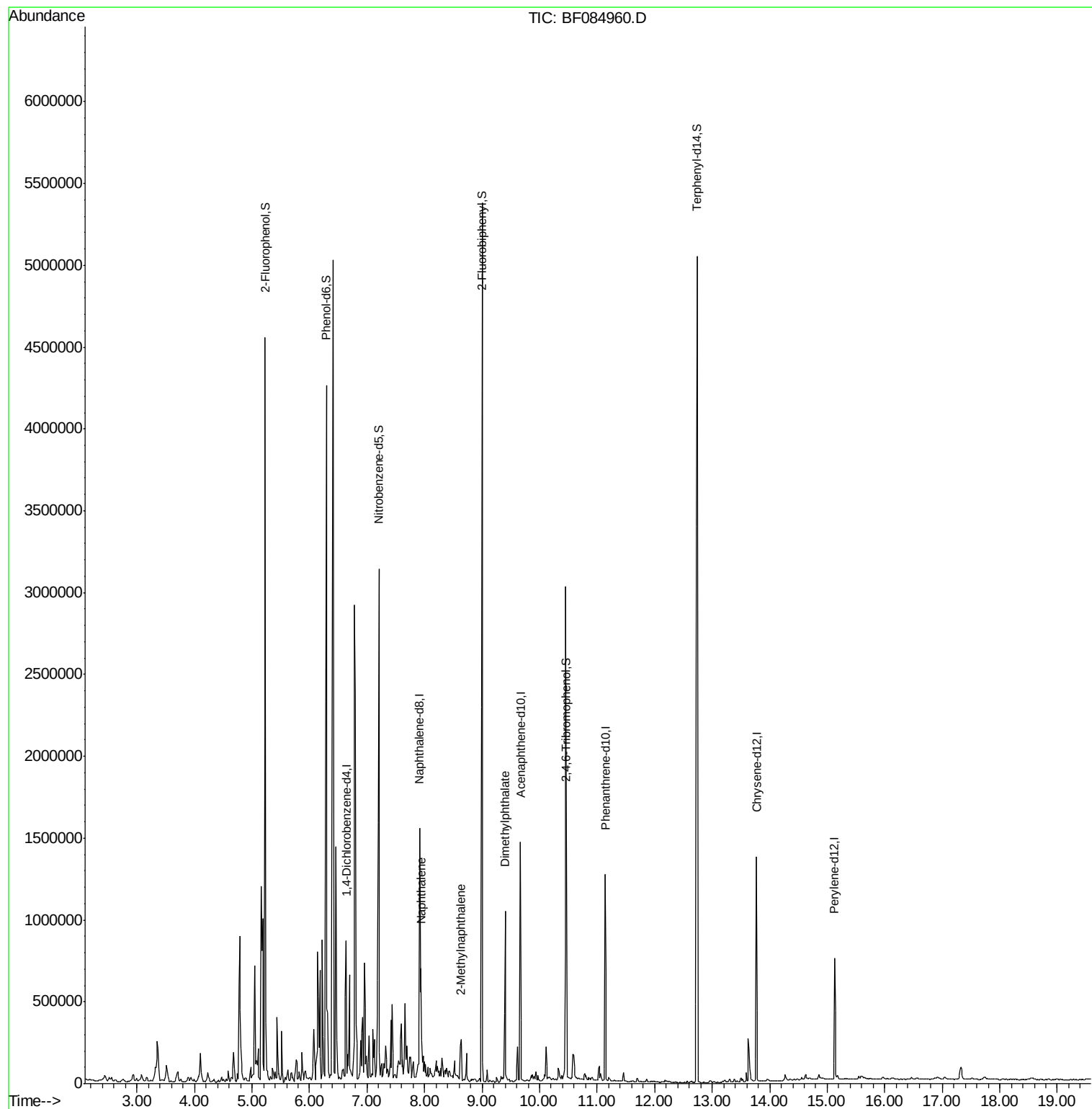
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	147668	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	579377	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	293369	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	548078	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	472871	20.00	ng	-0.07
86) Perylene-d12	15.13	264	338488	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1353836	142.80	ng	-0.05
7) Phenol-d6	6.29	99	1602320	136.33	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1070851	104.12	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	503111	164.41	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1784785	117.34	ng	-0.06
78) Terphenyl-d14	12.74	244	2009957	96.32	ng	-0.06
Target Compounds						Qvalue
31) Naphthalene	7.94	128	250803	8.63	ng	98
37) 2-Methylnaphthalene	8.64	142	97131	5.34	ng	95
49) Dimethylphthalate	9.40	163	453645	20.30	ng	# 91

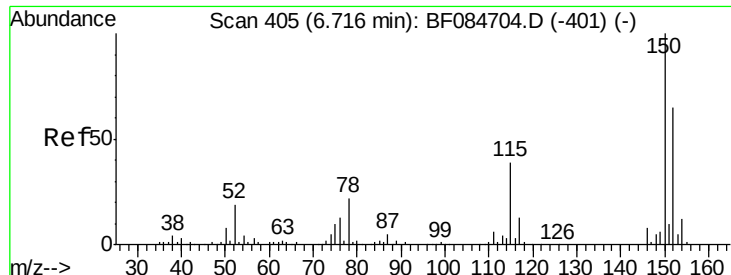
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084960.D

Acq: 9 Feb 2016 19:02

Instrument :

BNA_F

ClientSampleId :

S4-B001(47-49)

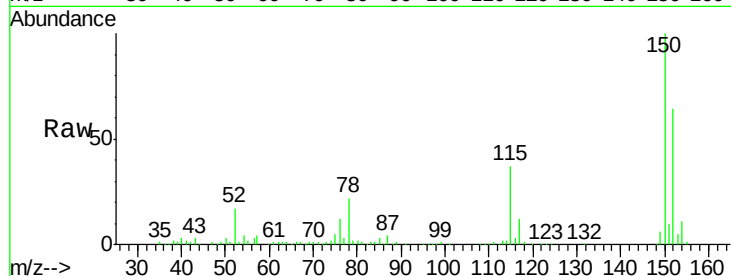
Tot Ion:152 Resp: 147668

Ion Ratio Lower Upper

152 100

150 156.1 123.0 184.4

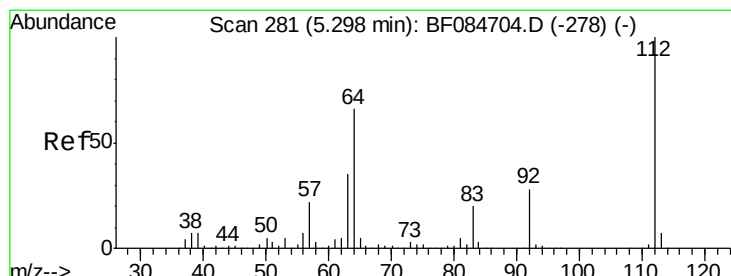
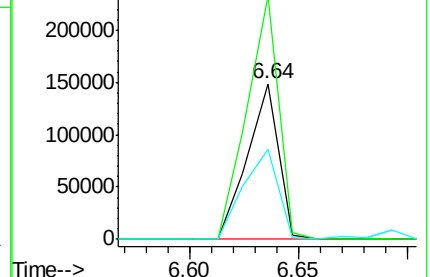
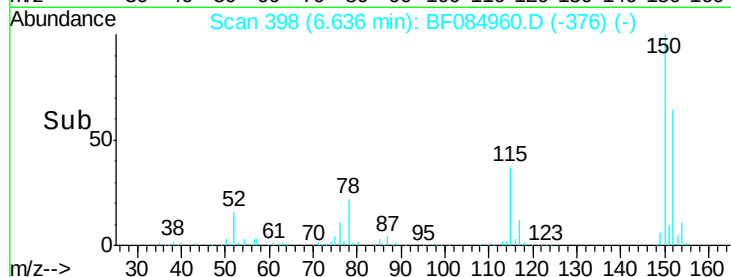
115 57.5 51.4 77.2



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: 142.80 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084960.D

Acq: 9 Feb 2016 19:02

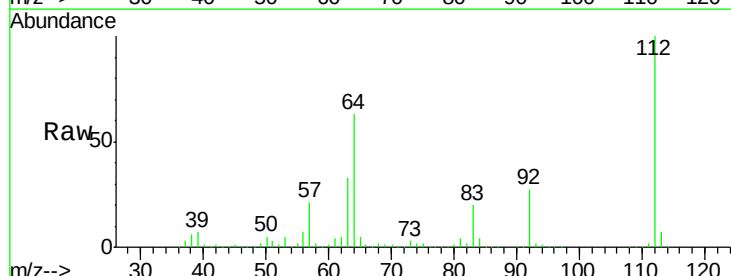
Tgt Ion:112 Resp: 1353836

Ion Ratio Lower Upper

112 100

64 63.1 36.6 55.0#

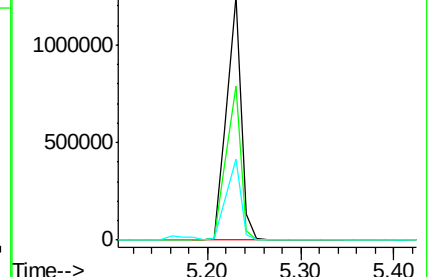
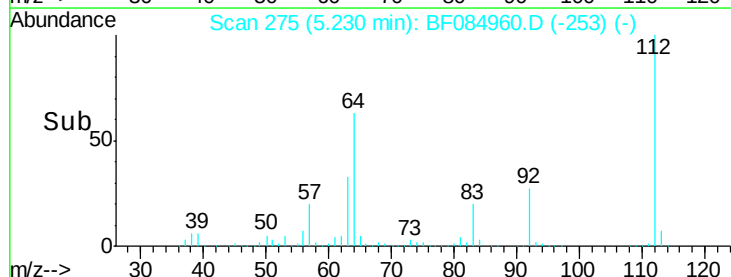
63 33.3 19.4 29.0#

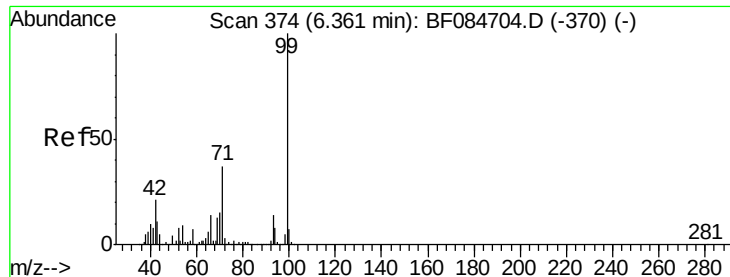


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.33 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084960.D

Acq: 9 Feb 2016 19:02

Instrument :

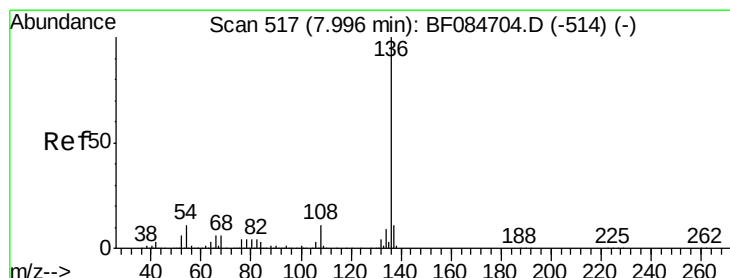
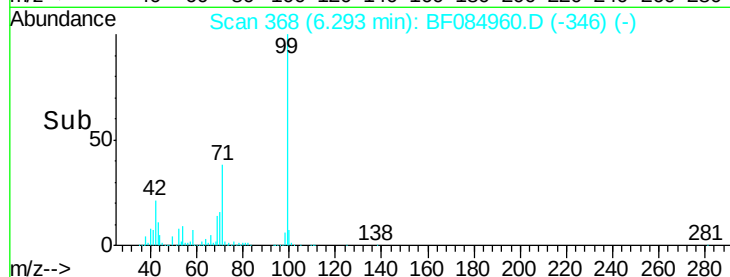
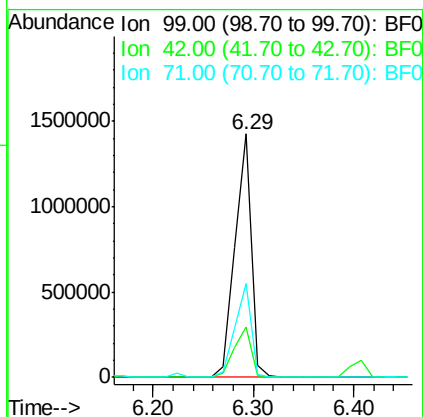
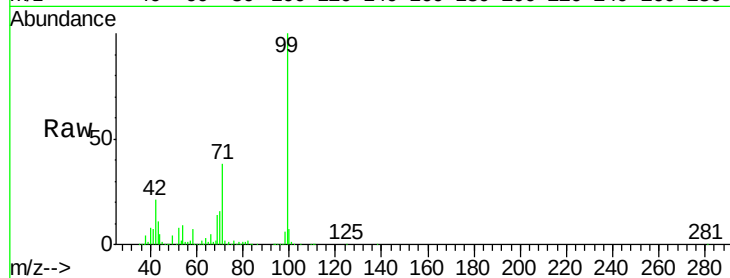
BNA_F

ClientSampleId :

S4-B001(47-49)

Tot Ion: 99 Resp: 1602320

Ion	Ratio	Lower	Upper
99	100		
42	20.9	12.8	19.2#
71	38.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

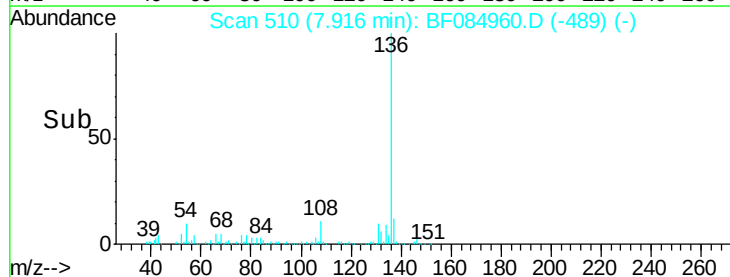
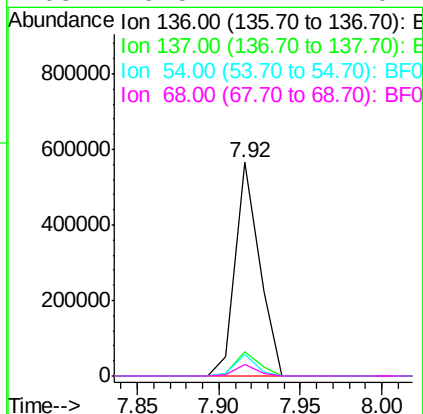
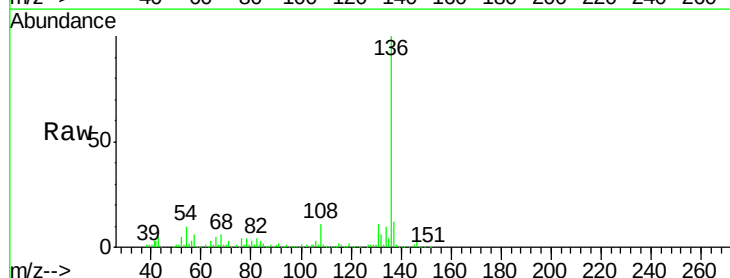
Delta R.T. -0.06 min

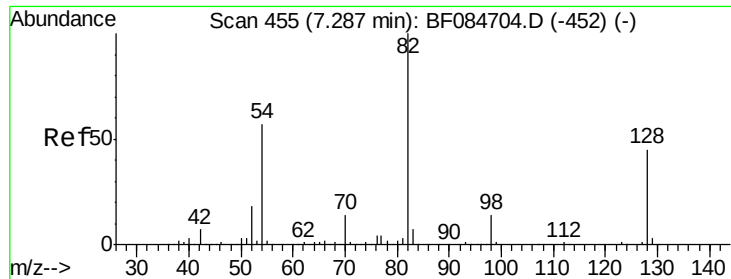
Lab File: BF084960.D

Acq: 9 Feb 2016 19:02

Tgt Ion: 136 Resp: 579377

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	10.2	5.8	8.8#
68	5.5	4.2	6.2

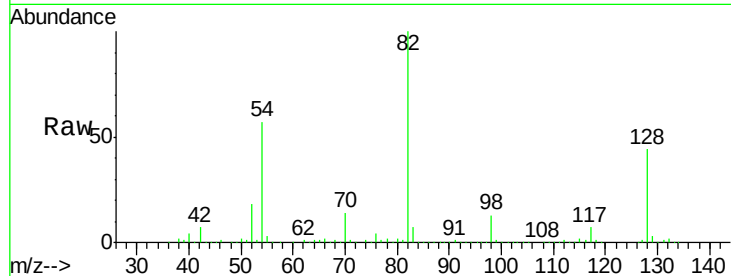




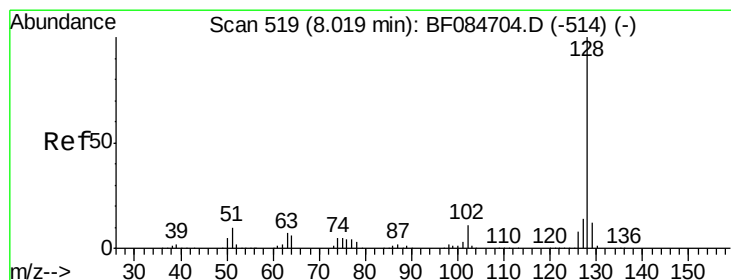
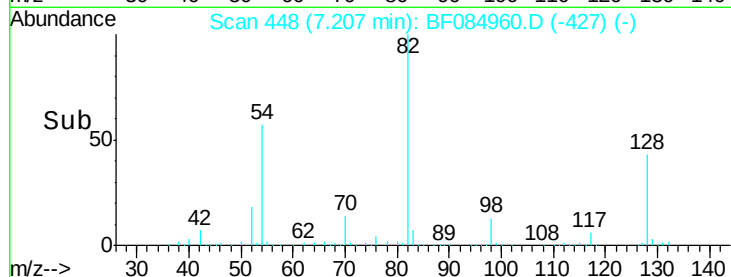
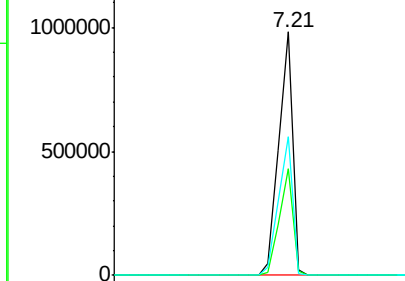
#23
 Nitrobenzene-d5
 Concen: 104.12 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084960.D
 Acq: 9 Feb 2016 19:02

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(47-49)

Tot Ion: 82 Resp: 1070851
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 51.8
 54 56.8 38.4 57.6

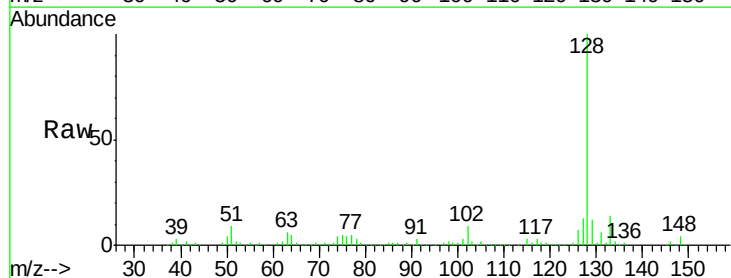


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

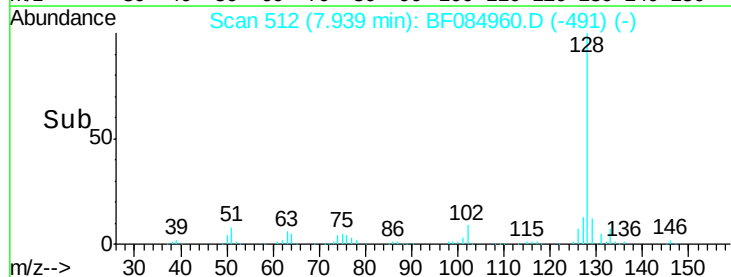
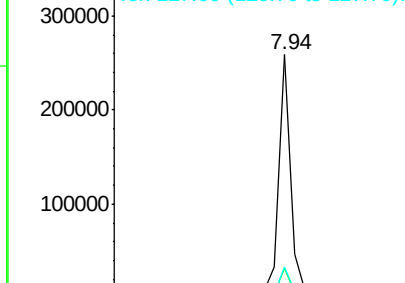


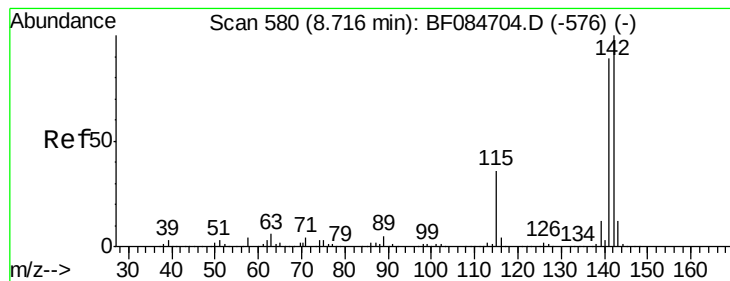
#31
 Naphthalene
 Concen: 8.63 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.06 min
 Lab File: BF084960.D
 Acq: 9 Feb 2016 19:02

Tgt Ion: 128 Resp: 250803
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.1 13.7
 127 13.0 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: 5.34 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.06 min

Lab File: BF084960.D

Acq: 9 Feb 2016 19:02

Instrument :

BNA_F

ClientSampleId :

S4-B001(47-49)

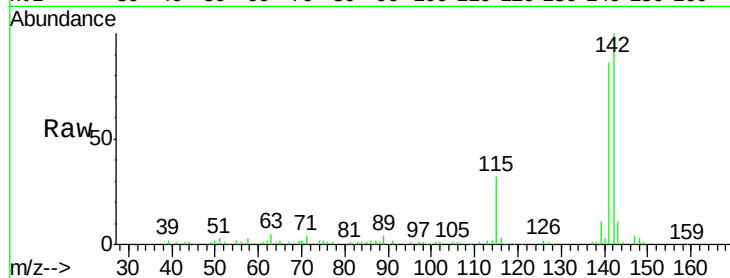
Tot Ion:142 Resp: 97131

Ion Ratio Lower Upper

142 100

141 86.3 72.4 108.6

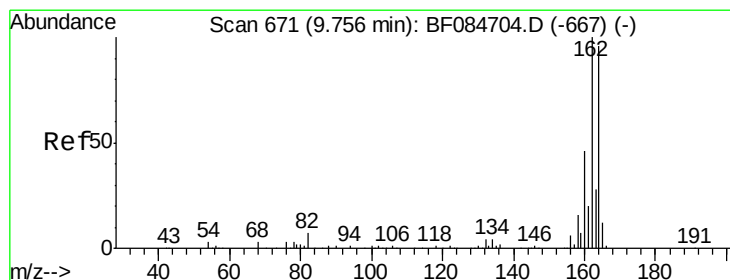
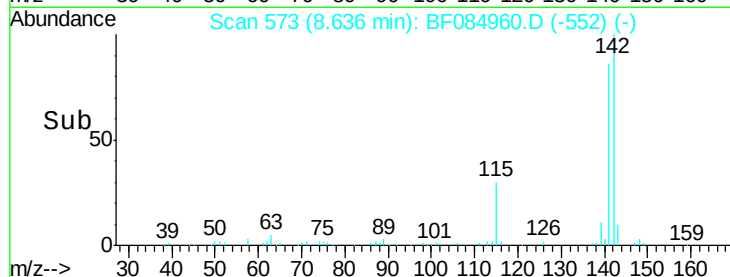
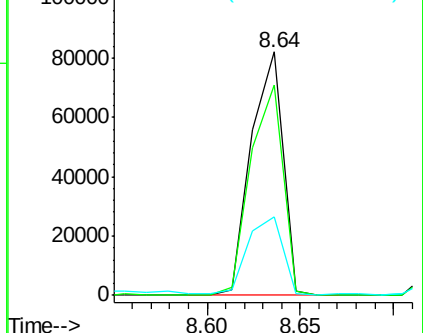
115 32.0 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084960.D

Acq: 9 Feb 2016 19:02

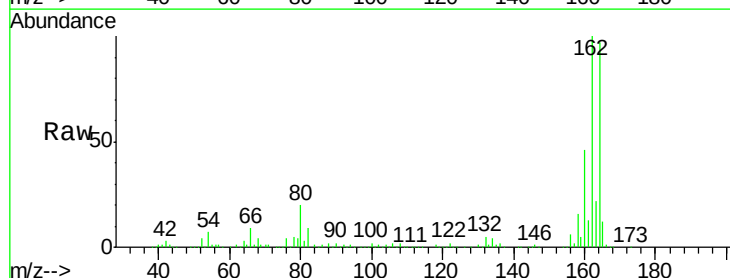
Tgt Ion:164 Resp: 293369

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

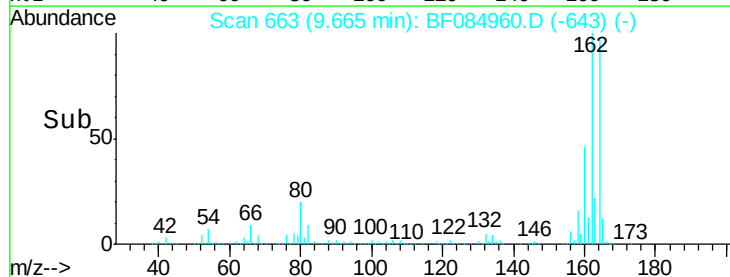
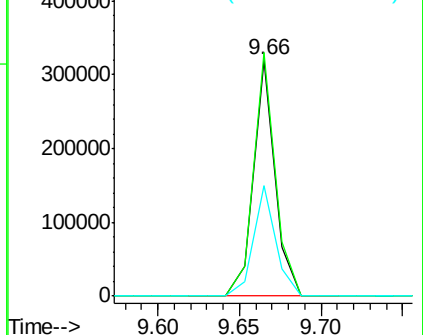
160 46.9 37.5 56.3

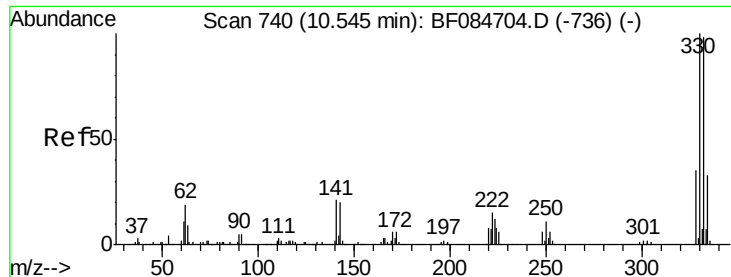


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

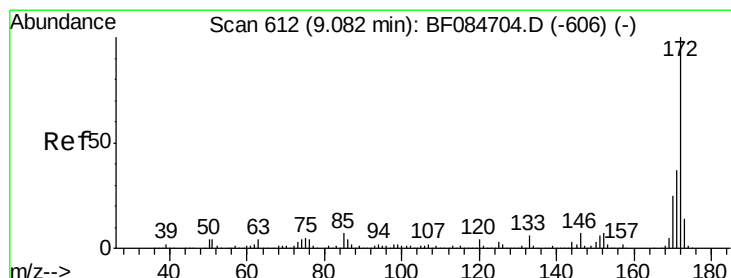
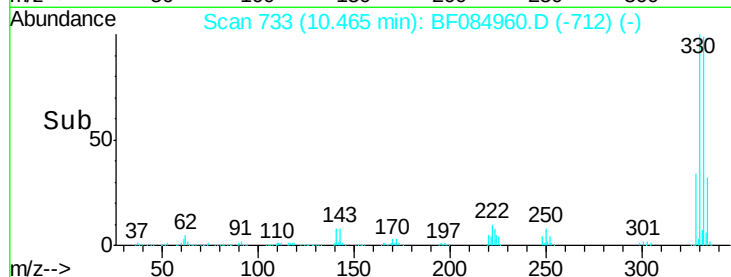
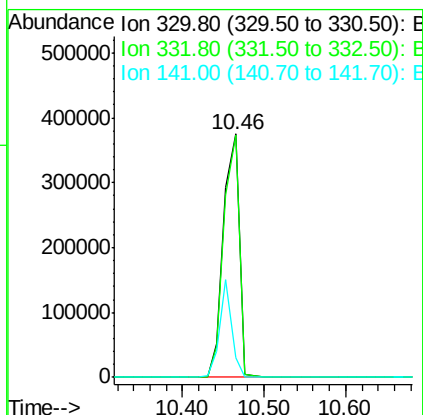
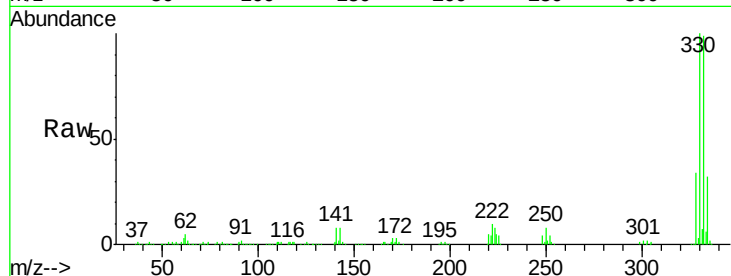




#41
 2,4,6-Tribromophenol
 Concen: 164.41 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084960.D
 Acq: 9 Feb 2016 19:02

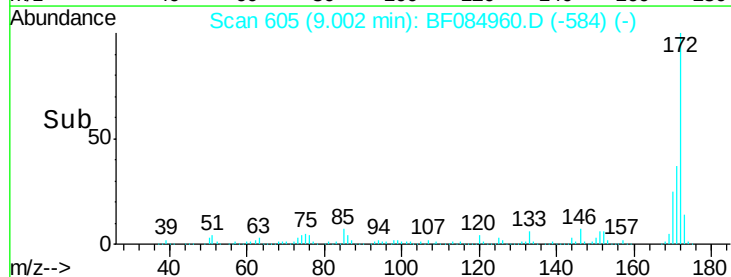
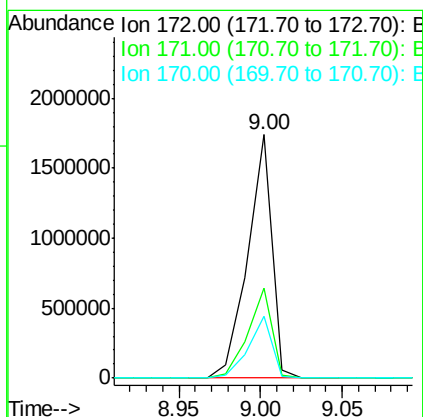
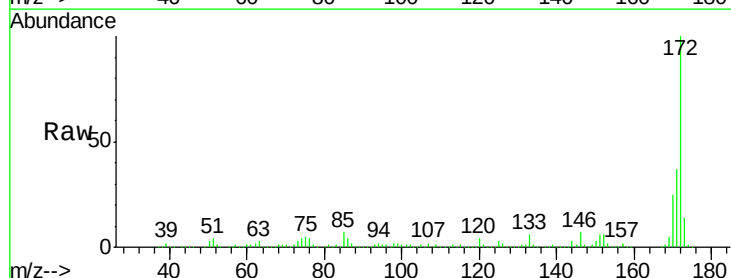
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 S4-B001(47-49)

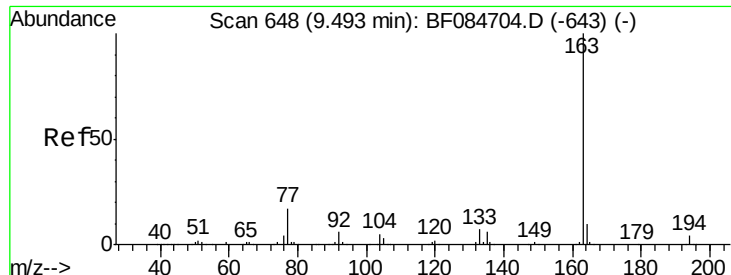
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	31.0	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 117.34 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084960.D
 Acq: 9 Feb 2016 19:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	25.4	18.6	27.8





#49

Dimethylphthalate

Concen: 20.30 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.07 min

Lab File: BF084960.D

Acq: 9 Feb 2016 19:02

Instrument :

BNA_F

ClientSampleId :

S4-B001(47-49)

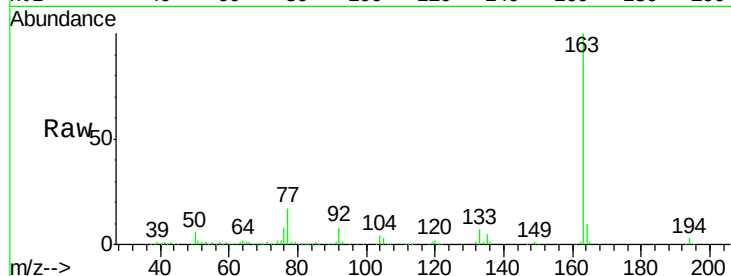
Tot Ion:163 Resp: 453645

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

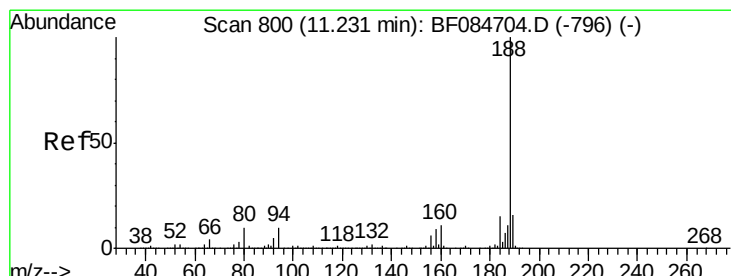
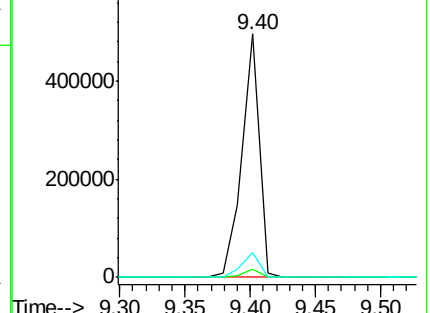
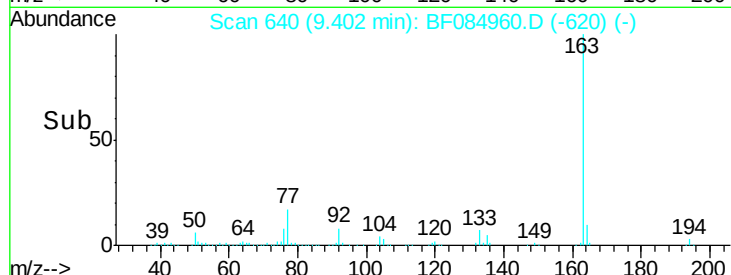
164 10.2 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF084960.D

Acq: 9 Feb 2016 19:02

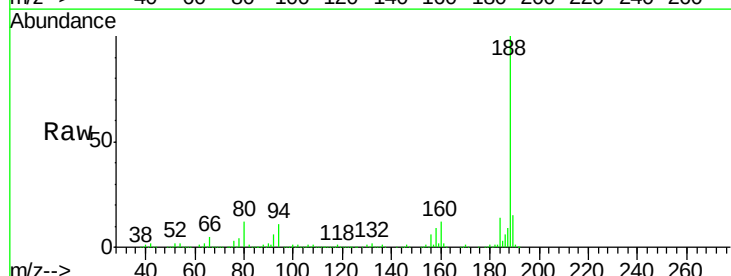
Tgt Ion:188 Resp: 548078

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.4

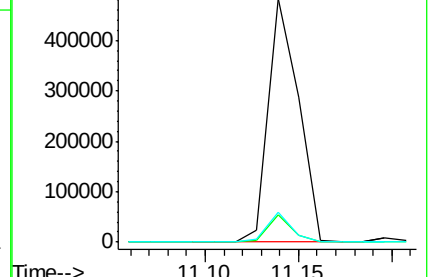
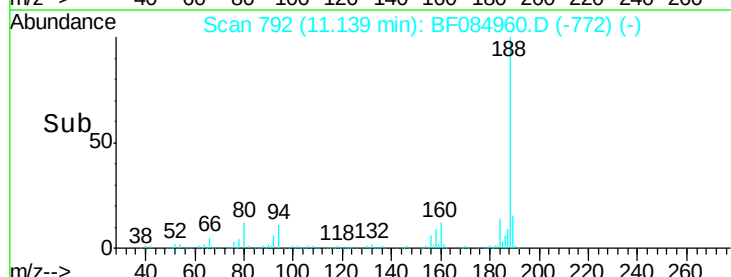
80 12.5 9.6 14.4

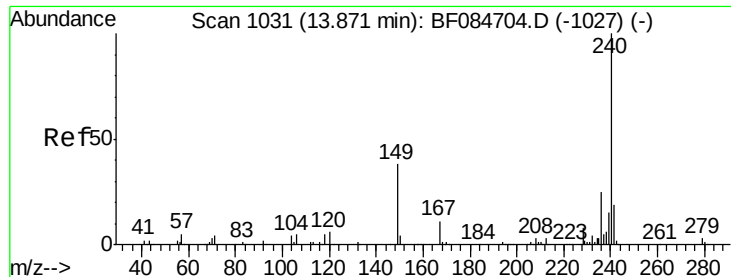


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084960.D

Acq: 9 Feb 2016 19:02

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S4-B001(47-49)

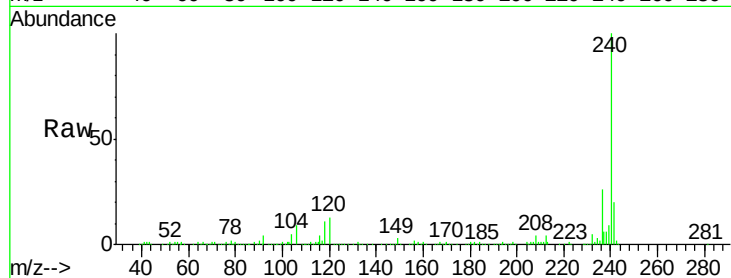
Tot Ion:240 Resp: 472871

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

236 26.0 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

600000

500000

400000

300000

200000

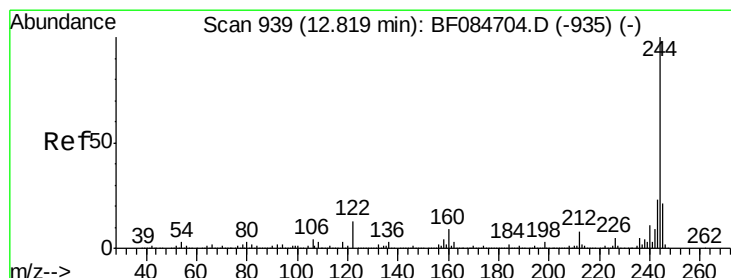
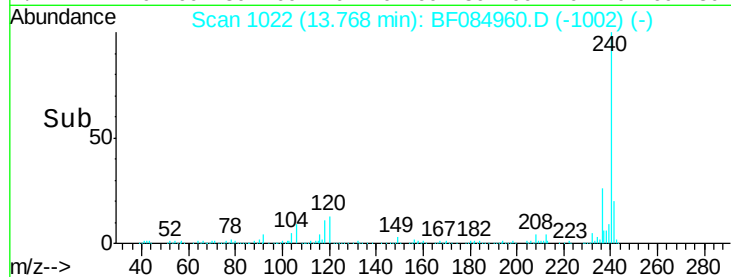
100000

0

13.77

13.70 13.80 13.90

Time-->



#78

Terphenyl-d14

Concen: 96.32 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084960.D

Acq: 9 Feb 2016 19:02

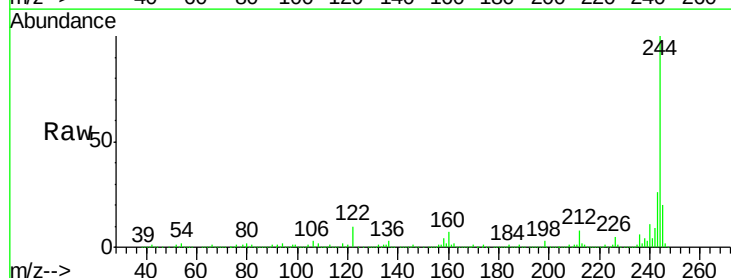
Tgt Ion:244 Resp: 2009957

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

122 9.5 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

2000000

1500000

1000000

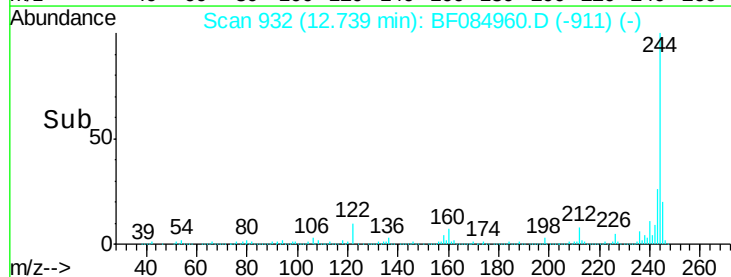
500000

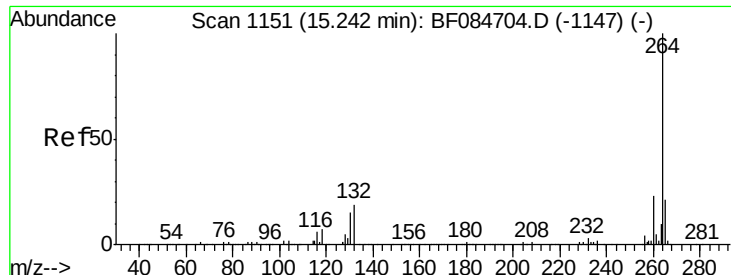
0

12.74

12.60 12.70 12.80 12.90

Time-->

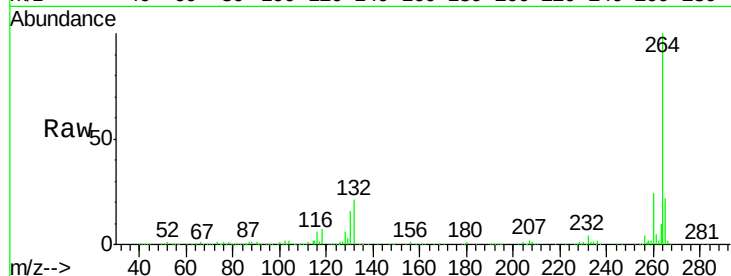




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1141
 Delta R.T. -0.08 min
 Lab File: BF084960.D
 Acq: 9 Feb 2016 19:02

Instrument :
 BNA_F
 ClientSampleId :
 S4-B001(47-49)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.1	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

