

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084975.D
 Acq On : 10 Feb 2016 1:59
 Operator : SJ/IZ
 Sample : H1392-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-5W-(0-2)

Quant Time: Feb 10 05:43:42 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

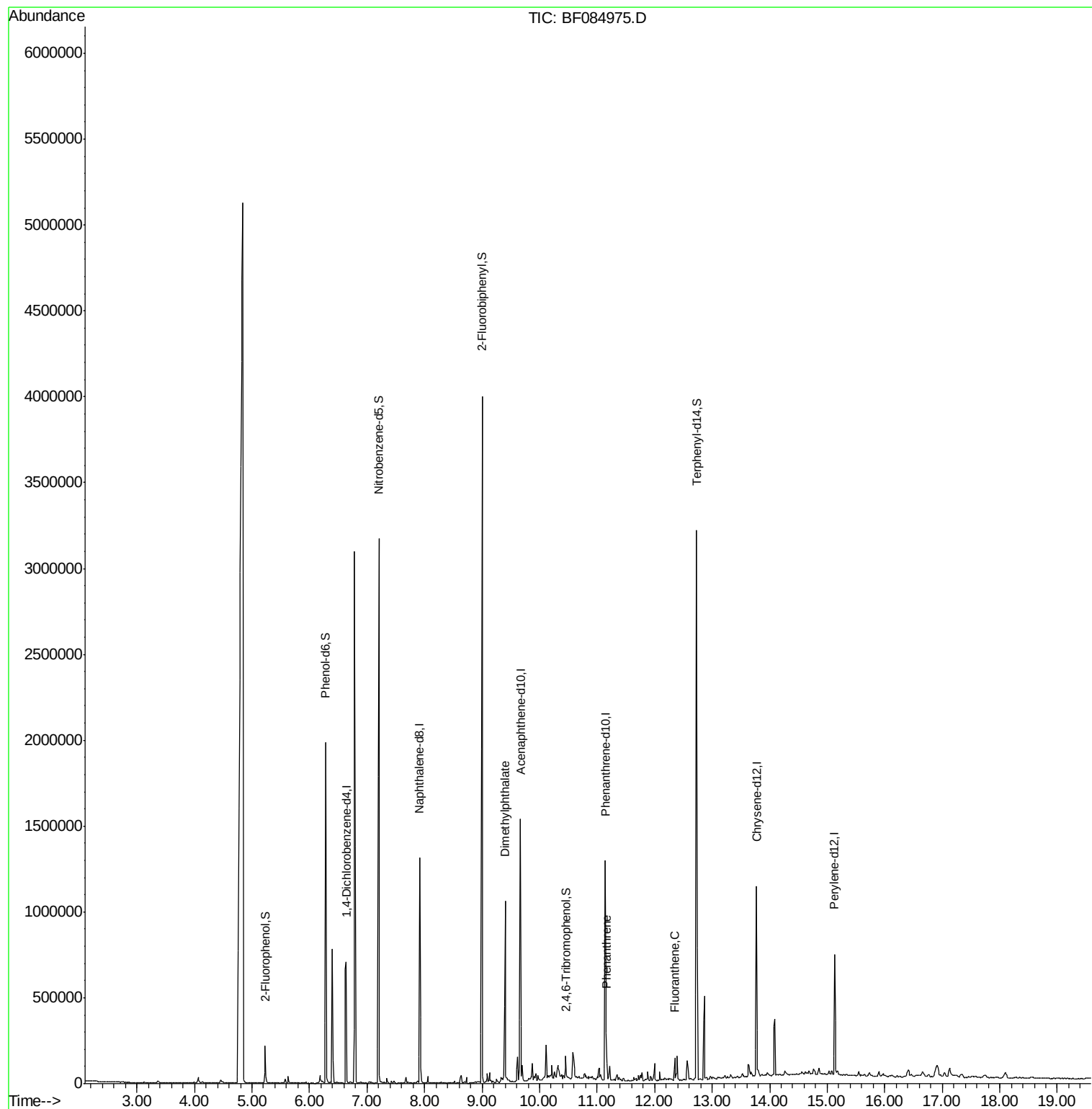
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	154470	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	622363	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	305447	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	522456	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	374720	20.00	ng	-0.07
86) Perylene-d12	15.13	264	296460	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	70676	7.13	ng	-0.05
7) Phenol-d6	6.28	99	603183	49.06	ng	-0.06
23) Nitrobenzene-d5	7.21	82	1207524	109.30	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	12569	3.94	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1440438	76.92	ng	-0.06
78) Terphenyl-d14	12.73	244	993519	60.08	ng	-0.07
Target Compounds						
49) Dimethylphthalate	9.40	163	484056	20.81	ng	Qvalue # 91
70) Phenanthrene	11.16	178	109464	3.78	ng	99
74) Fluoranthene	12.35	202	61108	2.08	ng	94

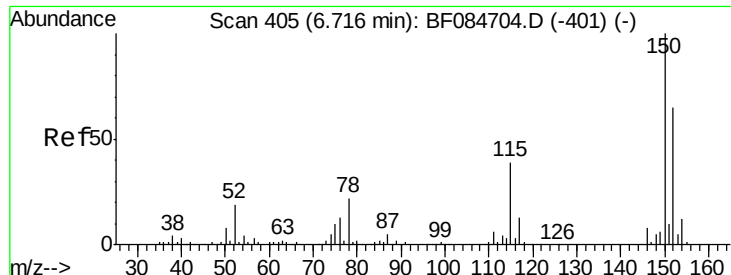
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084975.D

Acq: 10 Feb 2016 1:59

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)

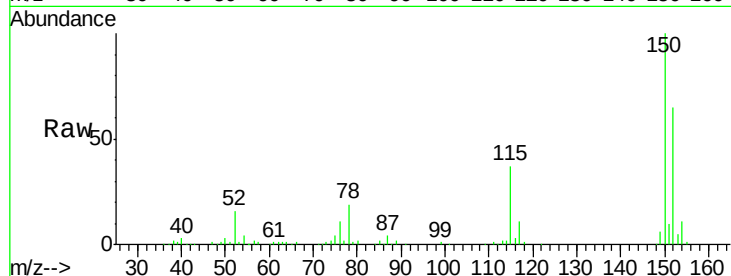
Tot Ion:152 Resp: 154470

Ion Ratio Lower Upper

152 100

150 153.6 123.0 184.4

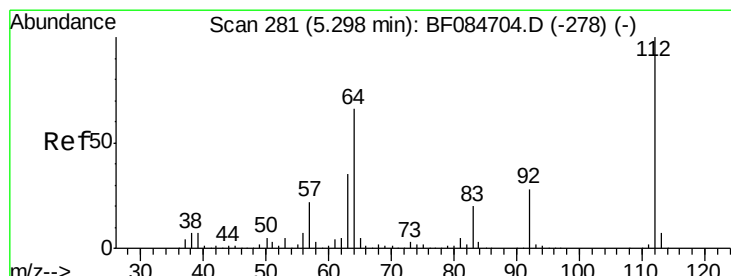
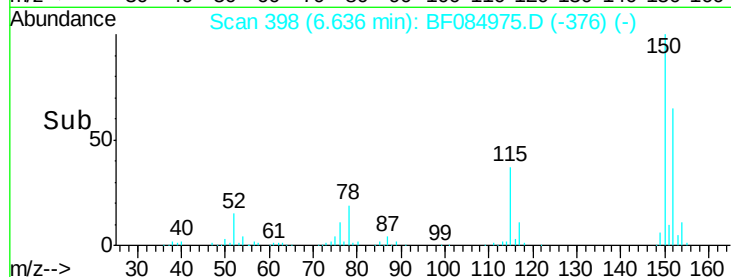
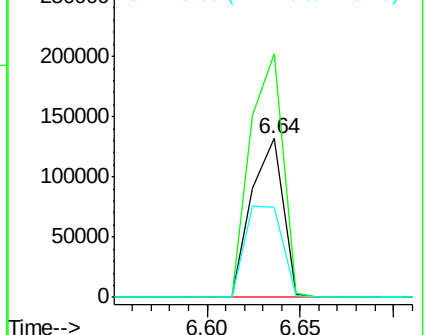
115 57.0 51.4 77.2



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: 7.13 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084975.D

Acq: 10 Feb 2016 1:59

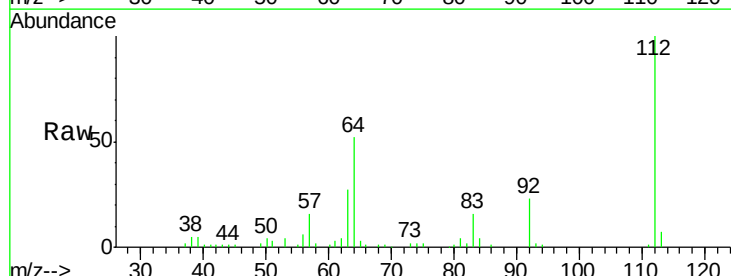
Tgt Ion:112 Resp: 70676

Ion Ratio Lower Upper

112 100

64 51.7 36.6 55.0

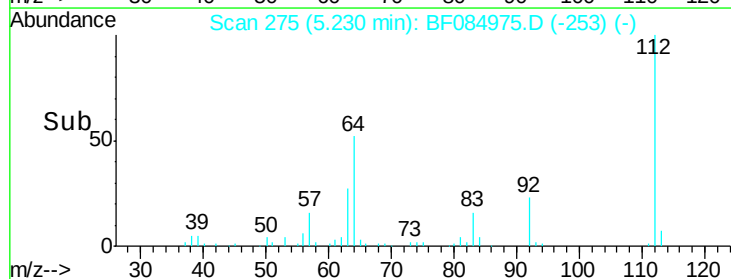
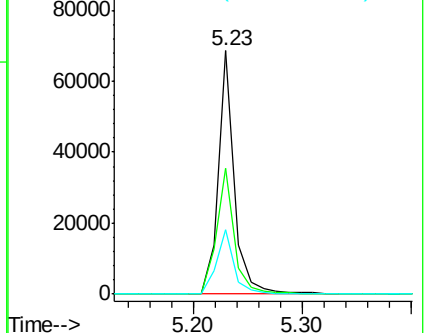
63 26.7 19.4 29.0

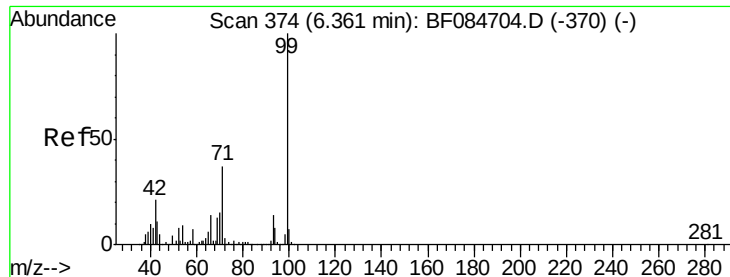


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.06 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.06 min

Lab File: BF084975.D

Acq: 10 Feb 2016 1:59

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)

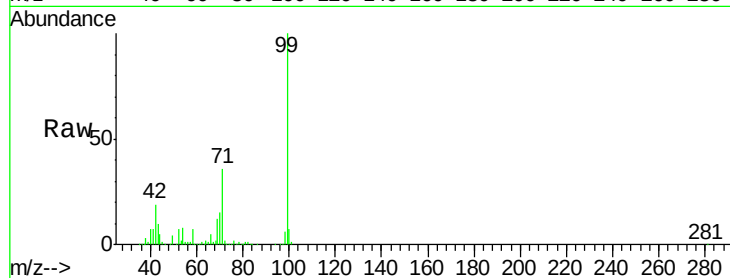
Tot Ion: 99 Resp: 603183

Ion Ratio Lower Upper

99 100

42 19.3 12.8 19.2#

71 35.8 30.9 46.3

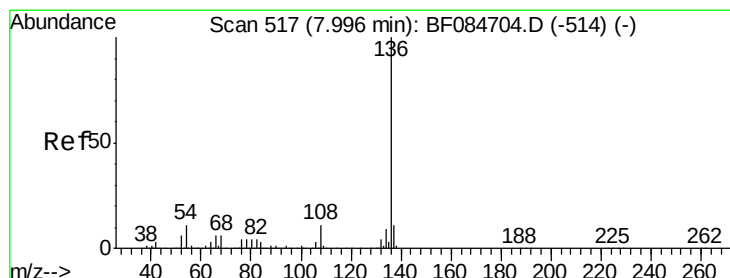
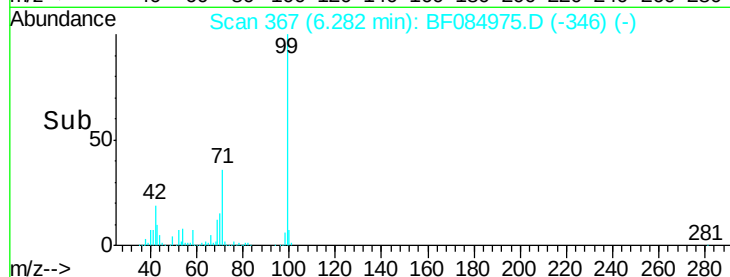
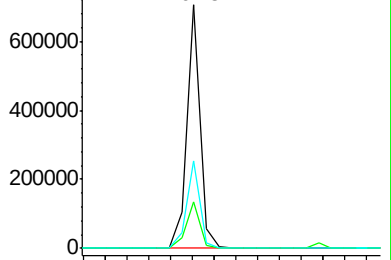


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.28



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084975.D

Acq: 10 Feb 2016 1:59

Tgt Ion: 136 Resp: 622363

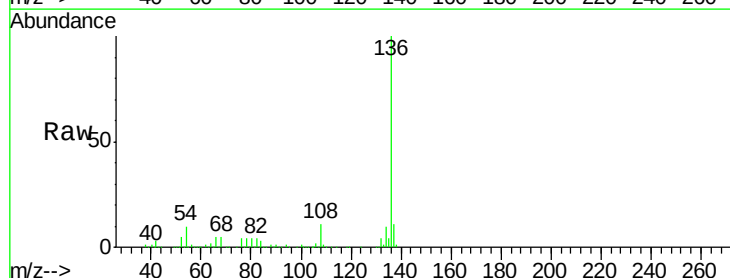
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.0 5.8 8.8#

68 5.3 4.2 6.2



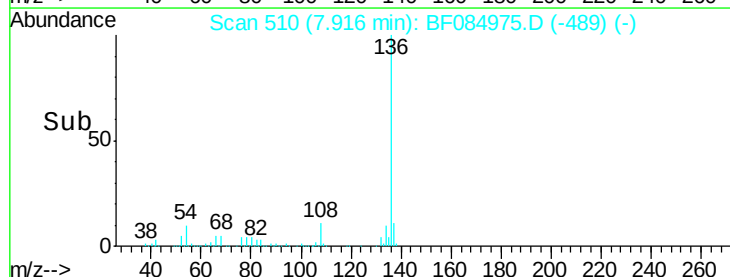
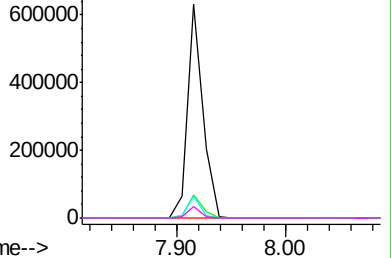
Abundance Ion 136.00 (135.70 to 136.70): E

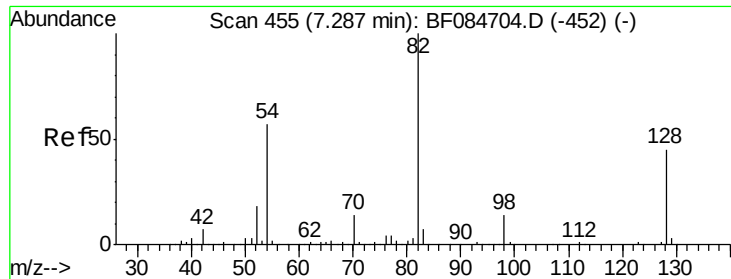
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

7.92





#23

Nitrobenzene-d5

Concen: 109.30 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084975.D

Acq: 10 Feb 2016 1:59

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)

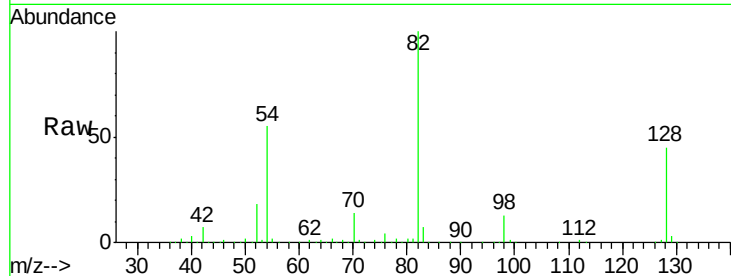
Tot Ion: 82 Resp: 1207524

Ion Ratio Lower Upper

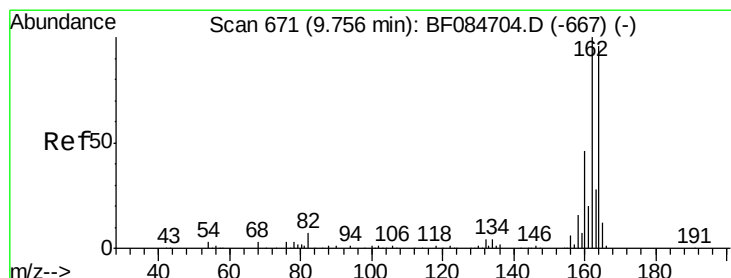
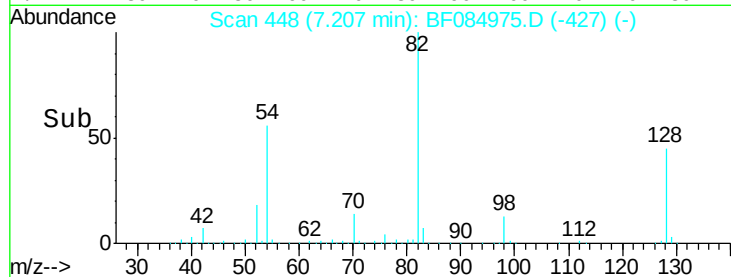
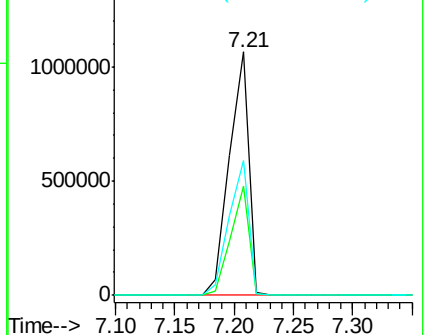
82 100

128 45.1 34.6 51.8

54 55.5 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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084975.D

Acq: 10 Feb 2016 1:59

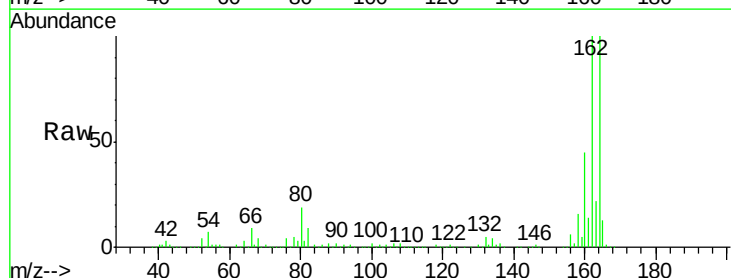
Tgt Ion:164 Resp: 305447

Ion Ratio Lower Upper

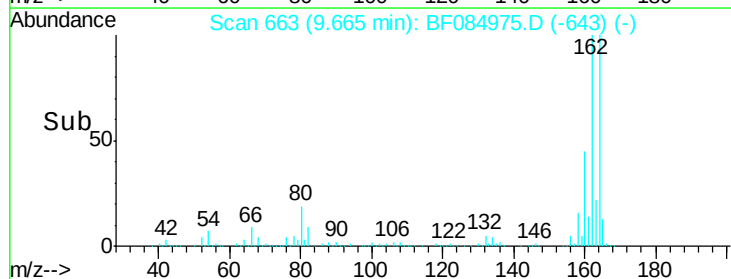
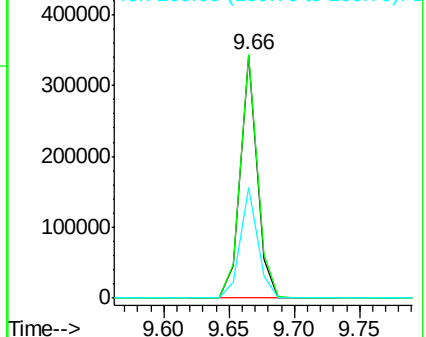
164 100

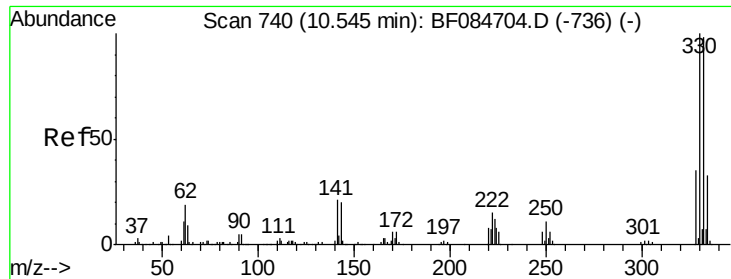
162 100.4 85.1 127.7

160 45.5 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

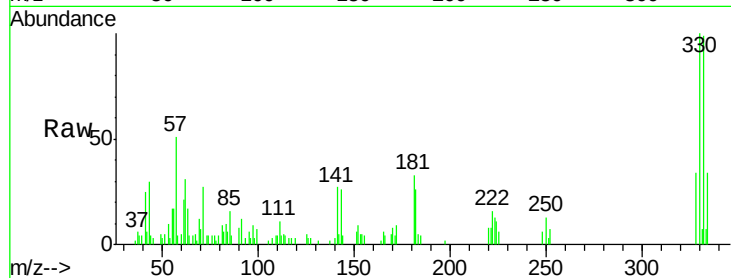




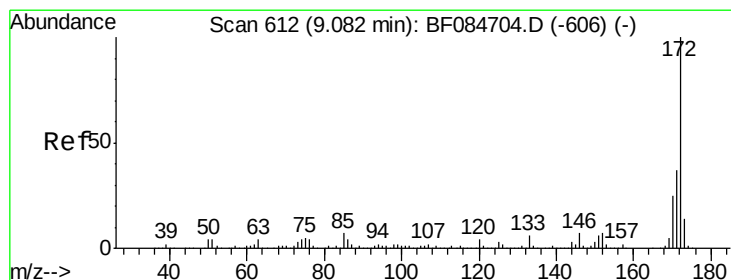
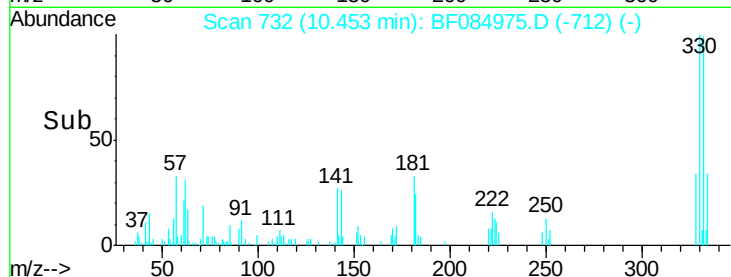
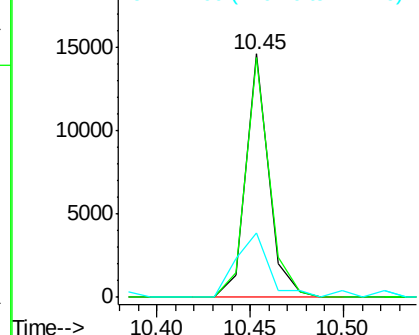
#41
 2,4,6-Tribromophenol
 Concen: 3.94 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.07 min
 Lab File: BF084975.D
 Acq: 10 Feb 2016 1:59

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-5W-(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.9	76.6	114.8
141	38.3	27.8	41.6

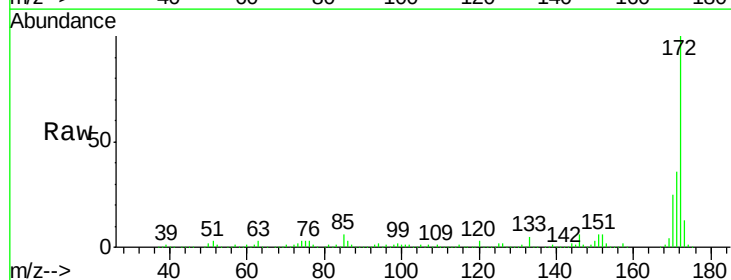


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

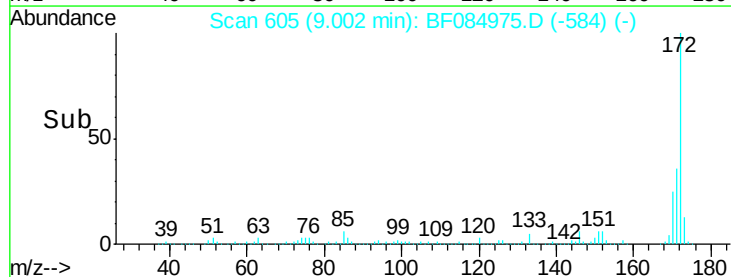
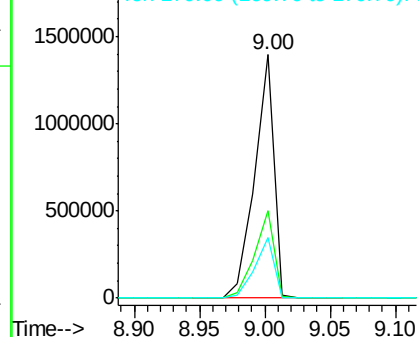


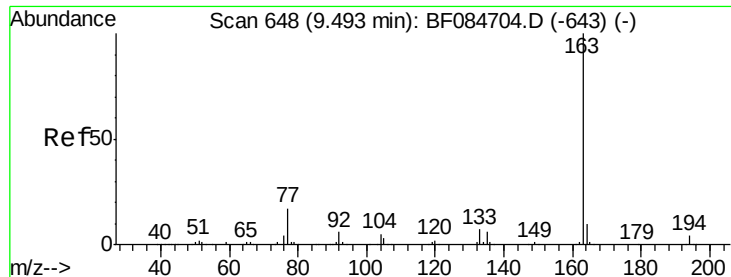
#44
 2-Fluorobiphenyl
 Concen: 76.92 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084975.D
 Acq: 10 Feb 2016 1:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.8	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: 20.81 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.07 min

Lab File: BF084975.D

Acq: 10 Feb 2016 1:59

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)

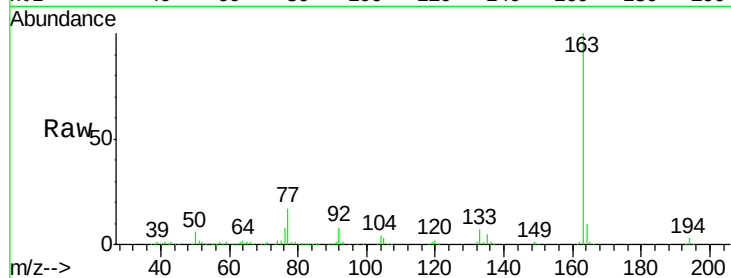
Tot Ion:163 Resp: 484056

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

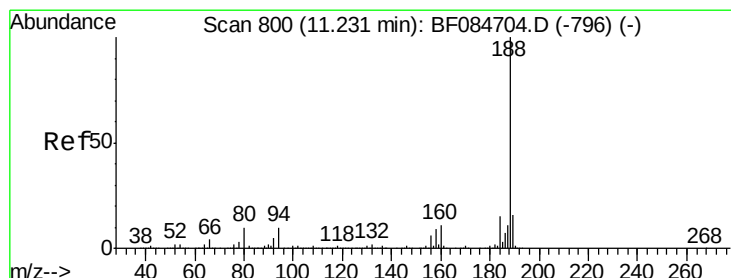
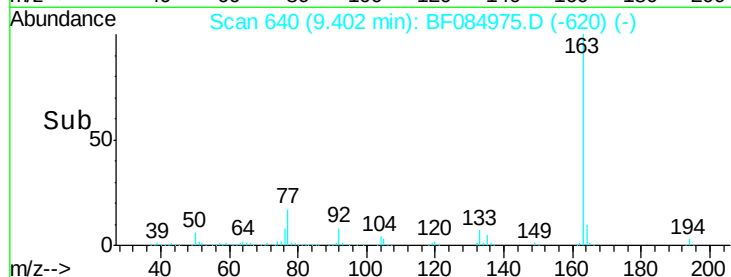
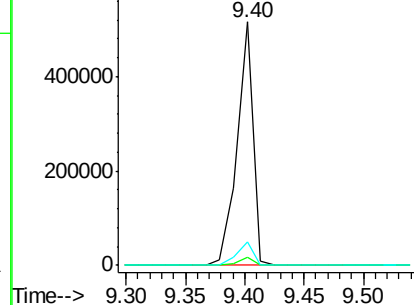
164 9.8 8.0 12.0



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: BF084975.D

Acq: 10 Feb 2016 1:59

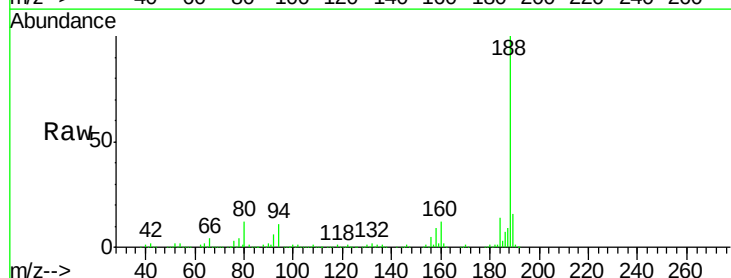
Tgt Ion:188 Resp: 522456

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.4

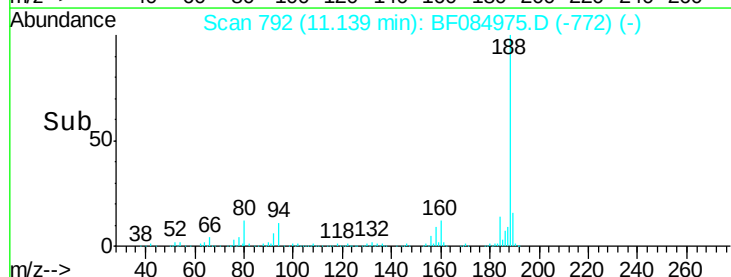
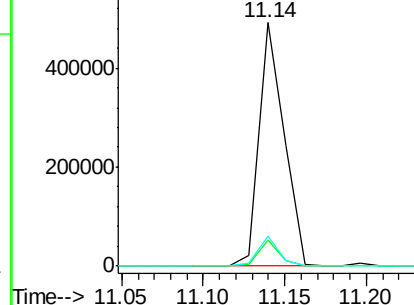
80 12.4 9.6 14.4

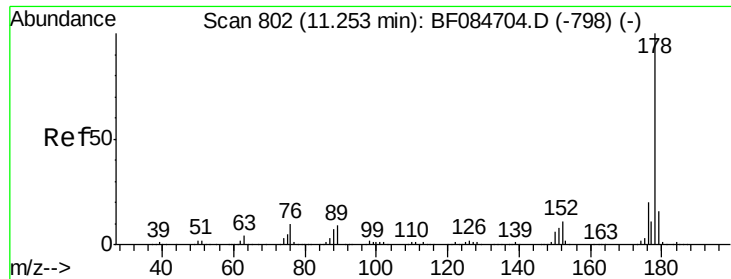


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

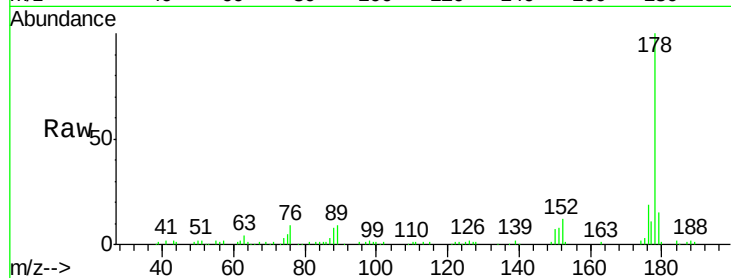




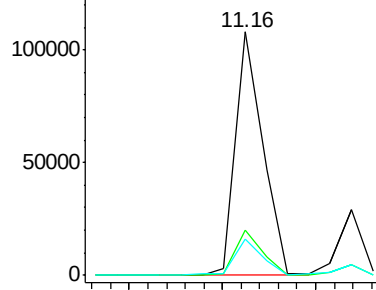
#70
Phenanthrene
Concen: 3.78 ng
RT: 11.16 min Scan# 794
Delta R.T. -0.07 min
Lab File: BF084975.D
Acq: 10 Feb 2016 1:59

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-5W-(0-2)

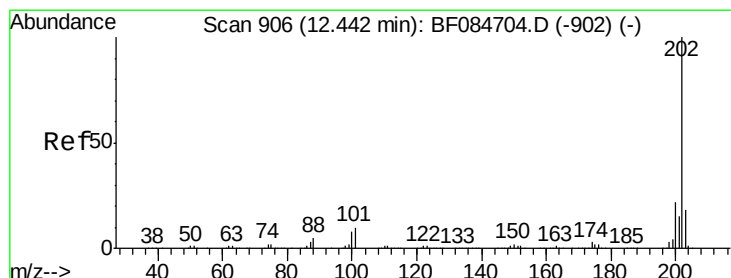
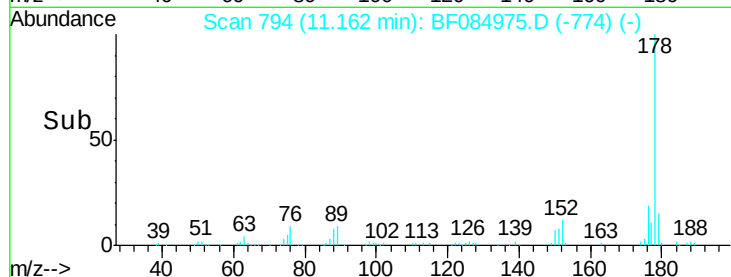
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.2	12.0	18.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

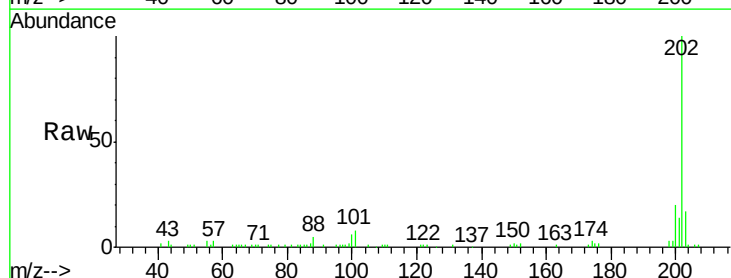


Time-->

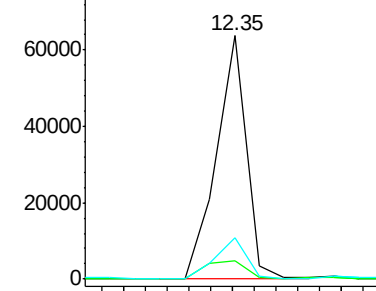


#74
Fluoranthene
Concen: 2.08 ng
RT: 12.35 min Scan# 898
Delta R.T. -0.07 min
Lab File: BF084975.D
Acq: 10 Feb 2016 1:59

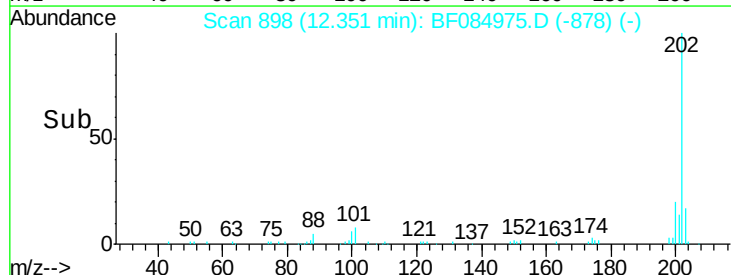
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	32.8
203	17.2	0.0	37.9

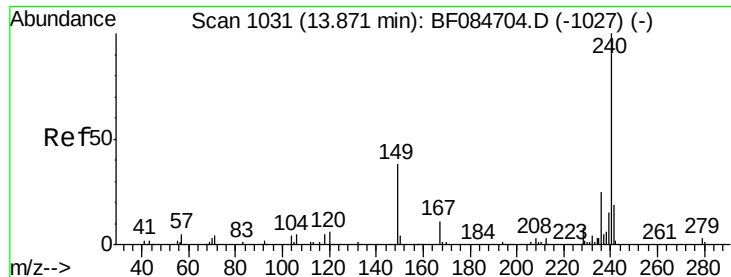


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084975.D

Acq: 10 Feb 2016 1:59

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-5W-(0-2)

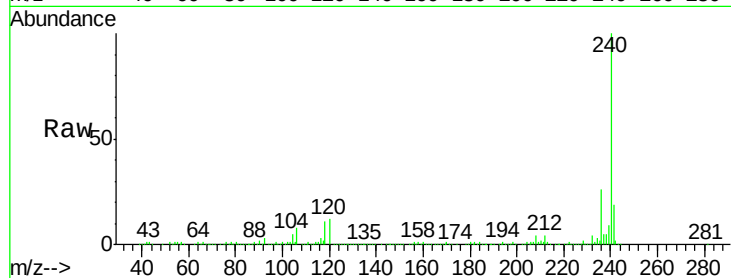
Tot Ion:240 Resp: 374720

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

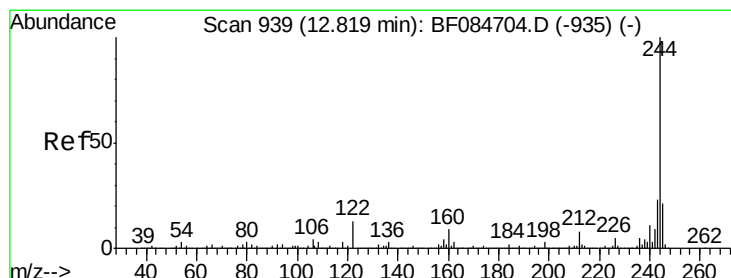
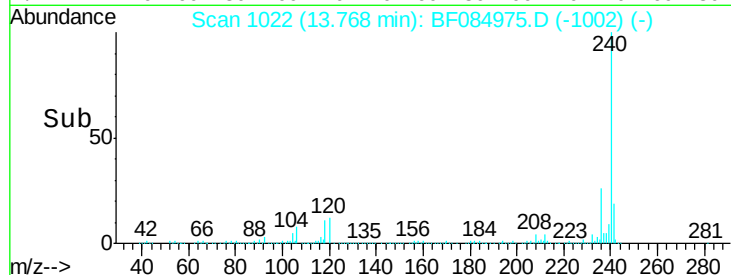
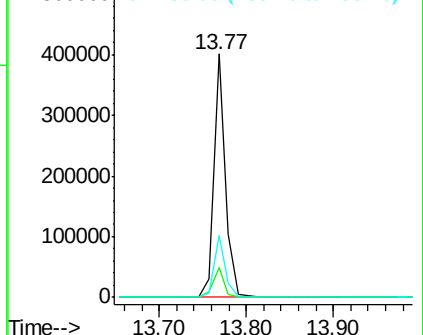
236 25.5 20.6 31.0



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: 60.08 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084975.D

Acq: 10 Feb 2016 1:59

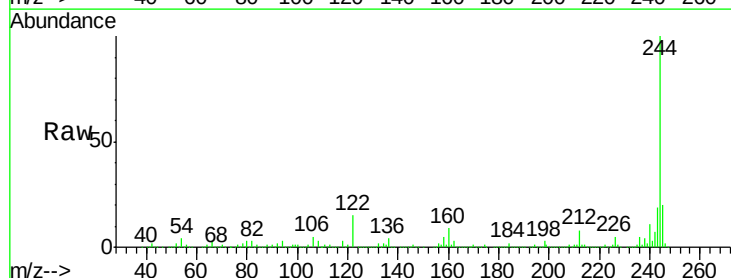
Tgt Ion:244 Resp: 993519

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

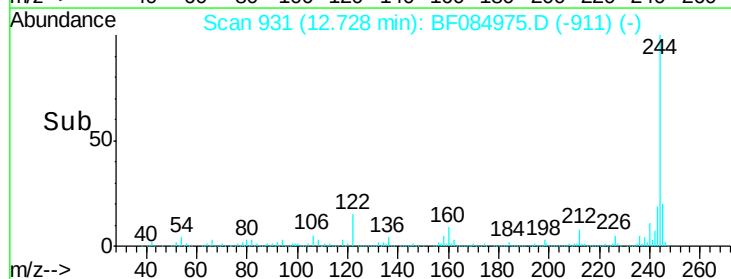
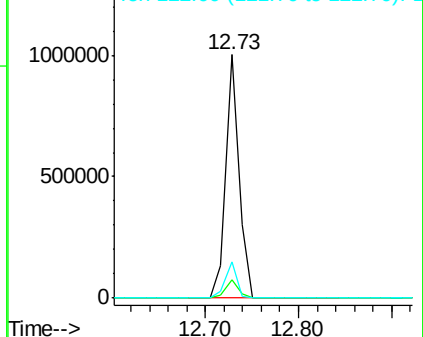
122 14.7 7.4 11.0#

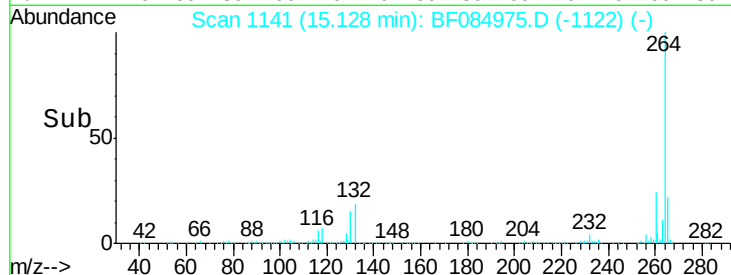
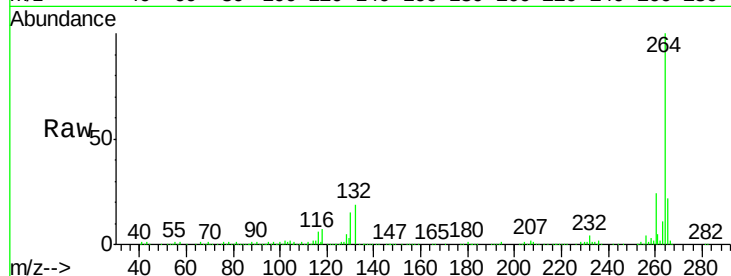
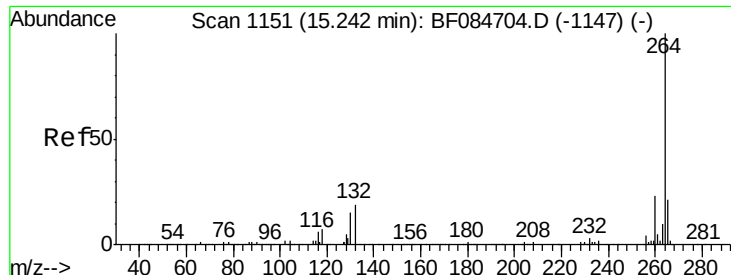


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF084975.D
Acq: 10 Feb 2016 1:59

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-5W-(0-2)

Tot Ion:	264	Resp:	296460
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.2
265	22.2	17.8	26.6

