

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083078.D
 Acq On : 20 Nov 2015 13:26
 Operator : UM/IZ
 Sample : G4452-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-02

Quant Time: Nov 20 22:48:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

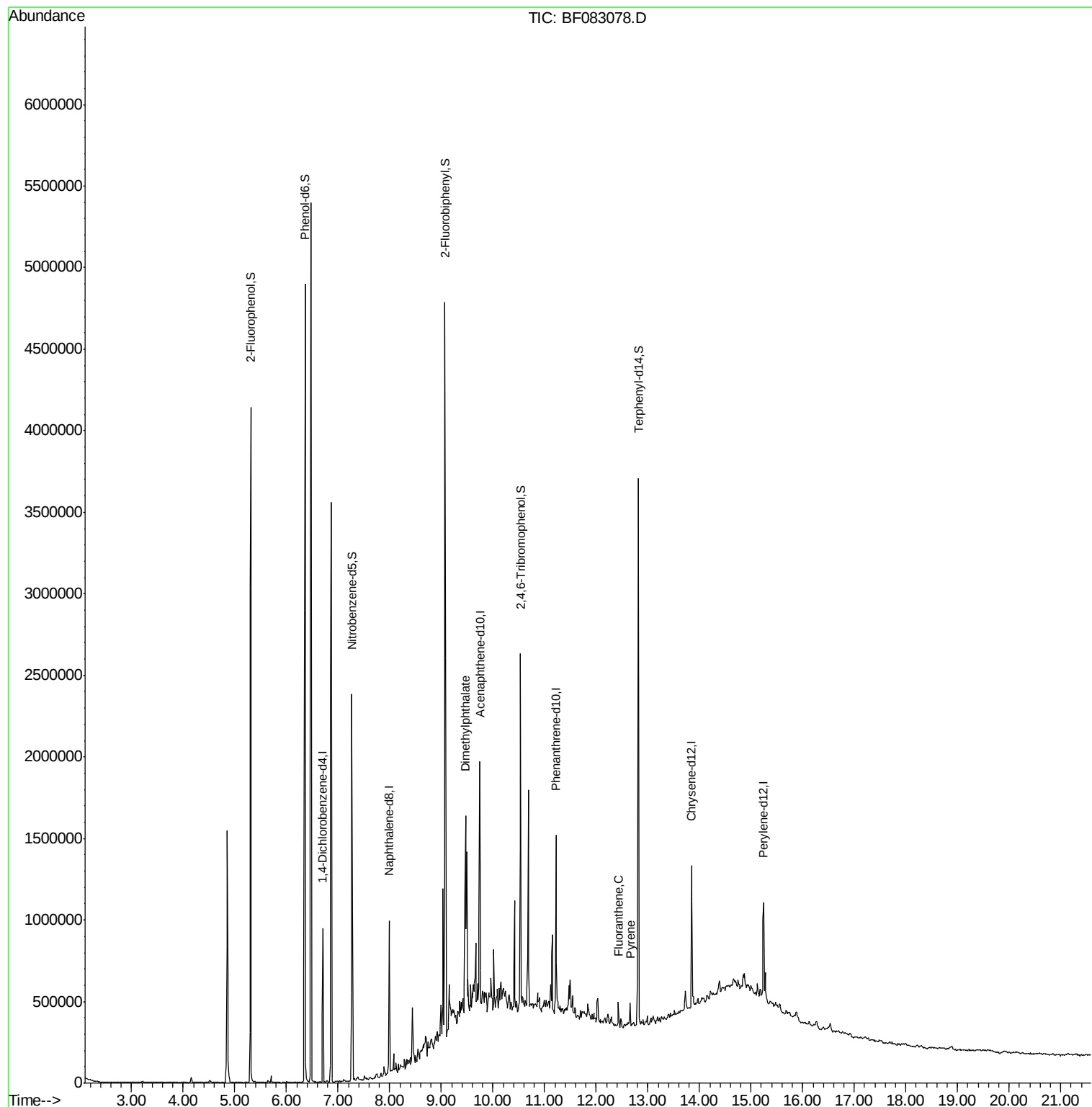
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	153389	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	548930	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	272417	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	409551	20.00	ng	0.00
75) Chrysene-d12	13.85	240	383923	20.00	ng	-0.01
86) Perylene-d12	15.24	264	330329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1426624	144.46	ng	0.02
7) Phenol-d6	6.36	99	1854865	142.60	ng	0.01
23) Nitrobenzene-d5	7.26	82	972089	81.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	271685	93.93	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1774484	87.73	ng	-0.01
78) Terphenyl-d14	12.82	244	1543710	94.92	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	431073	19.23	ng	99
74) Fluoranthene	12.43	202	57848	2.25	ng	98
77) Pyrene	12.66	202	86976	3.22	ng	96

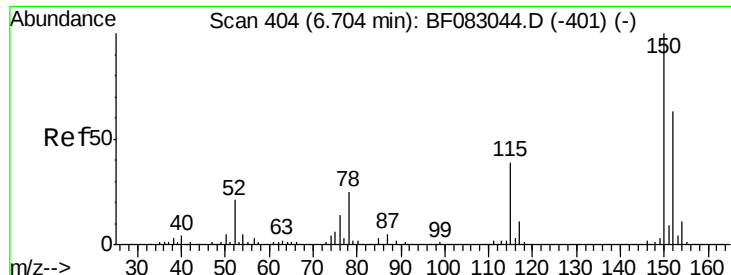
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083078.D

Acq: 20 Nov 2015 13:26

Instrument :

BNA_F

ClientSampleId :

RW-20151116-02

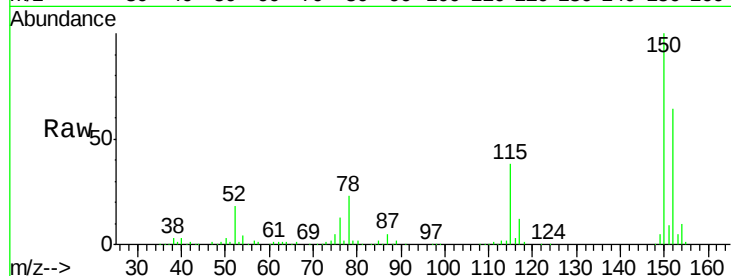
Tot Ion:152 Resp: 153389

Ion Ratio Lower Upper

152 100

150 155.9 126.4 189.6

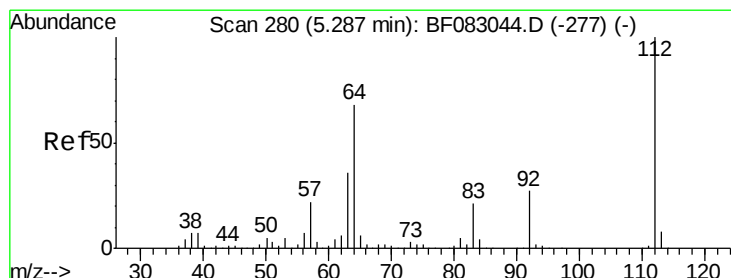
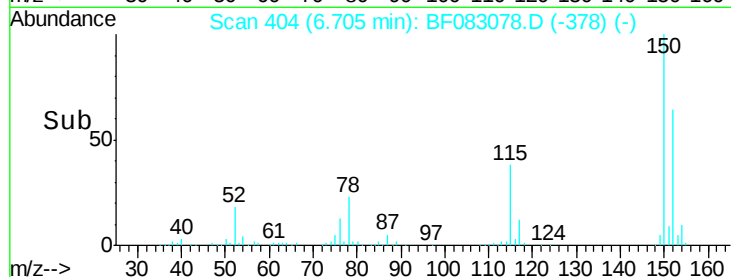
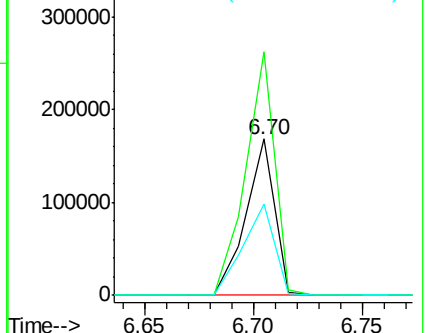
115 58.8 49.0 73.6



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: 144.46 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.02 min

Lab File: BF083078.D

Acq: 20 Nov 2015 13:26

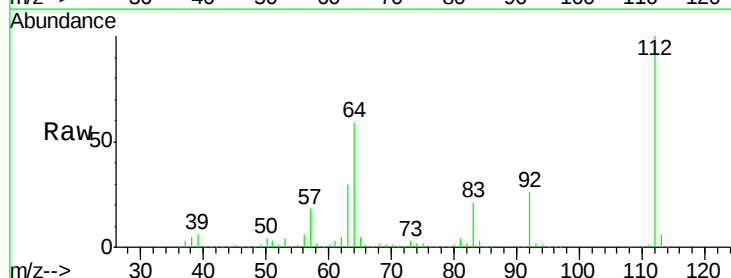
Tgt Ion:112 Resp: 1426624

Ion Ratio Lower Upper

112 100

64 58.6 54.8 82.2

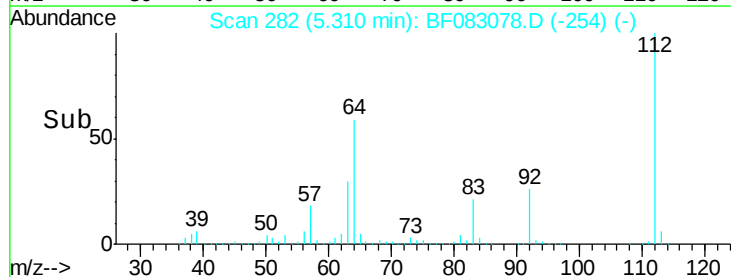
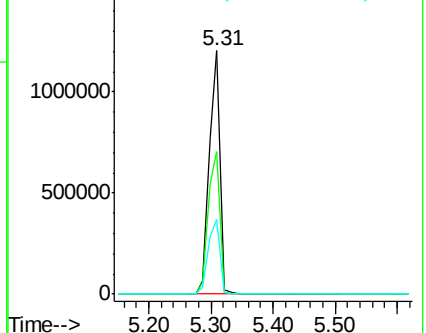
63 30.5 29.0 43.4

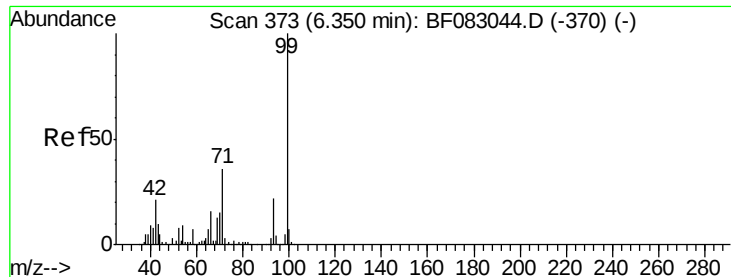


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.60 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083078.D

Acq: 20 Nov 2015 13:26

Instrument :

BNA_F

ClientSampleId :

RW-20151116-02

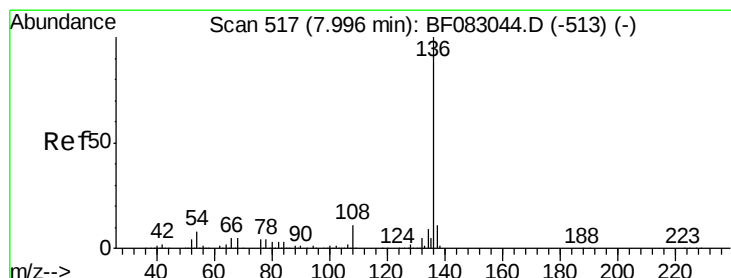
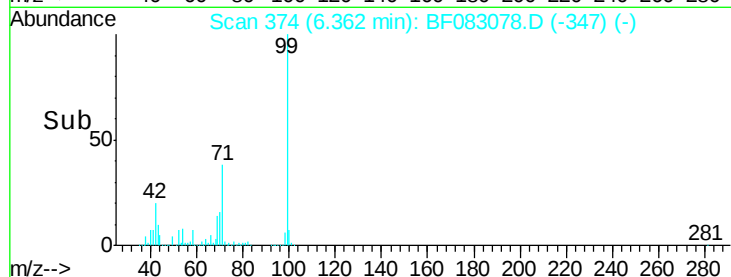
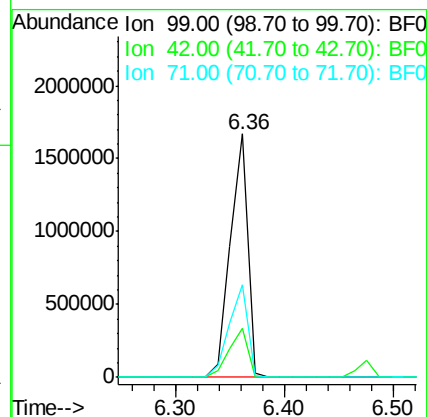
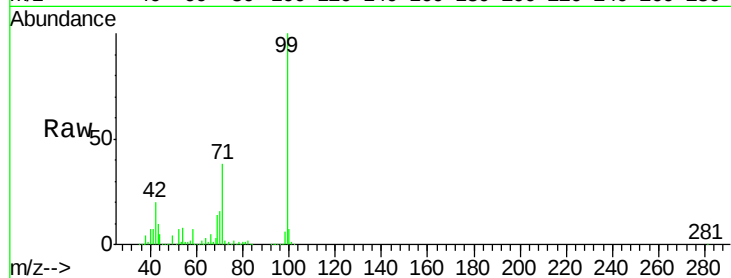
Tot Ion: 99 Resp: 1854865

Ion Ratio Lower Upper

99 100

42 20.0 16.6 25.0

71 38.2 29.2 43.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083078.D

Acq: 20 Nov 2015 13:26

Tgt Ion: 136 Resp: 548930

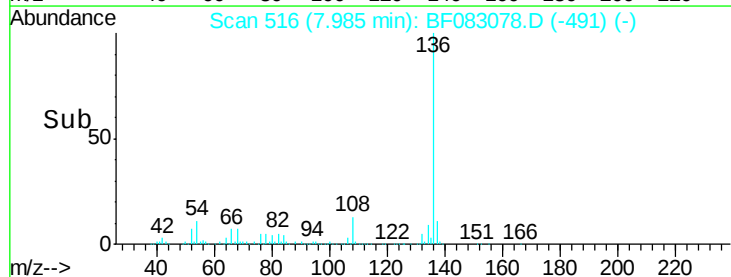
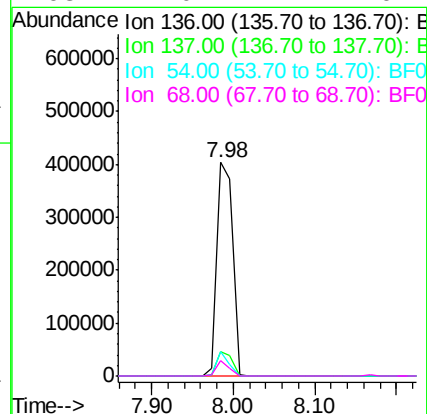
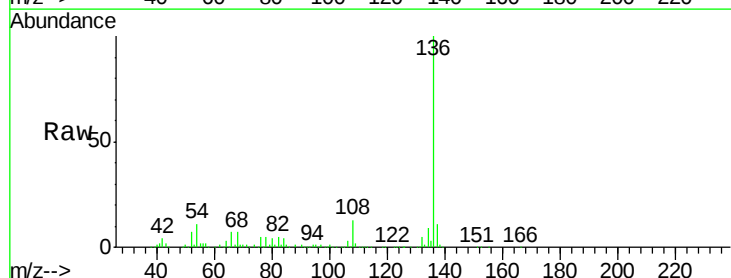
Ion Ratio Lower Upper

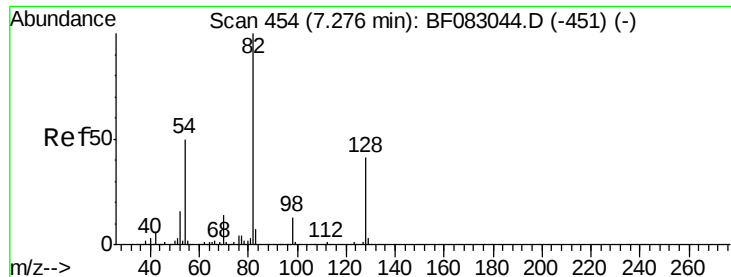
136 100

137 11.5 8.6 12.8

54 11.5 6.2 9.2#

68 7.0 4.2 6.2#

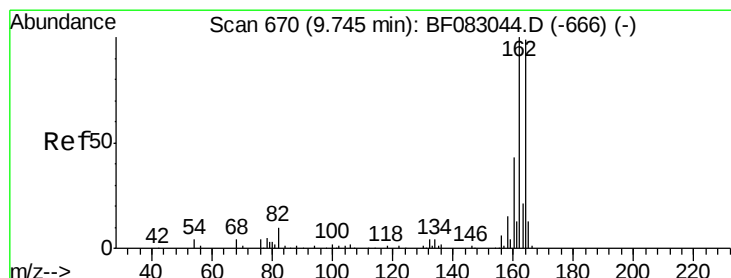
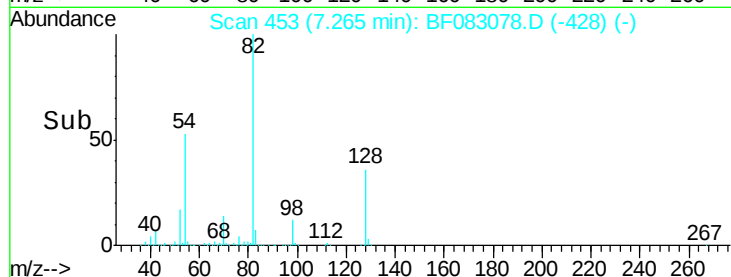
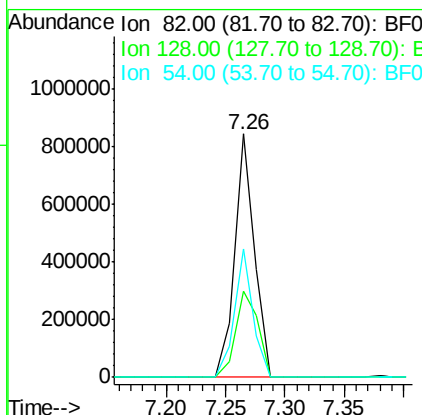
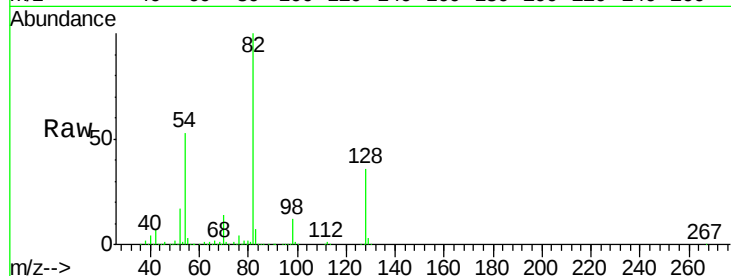




#23
 Nitrobenzene-d5
 Concen: 81.07 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083078.D
 Acq: 20 Nov 2015 13:26

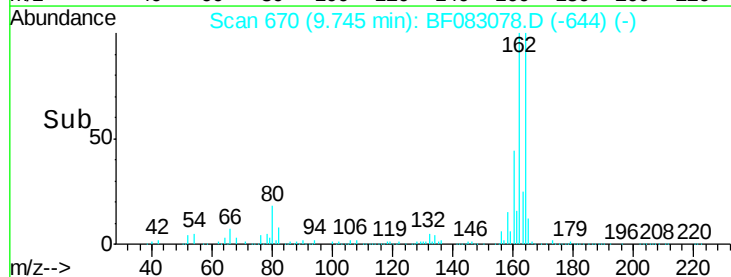
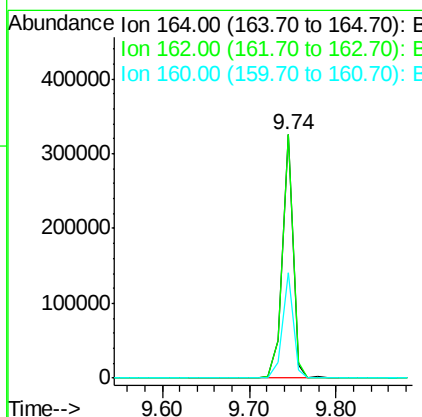
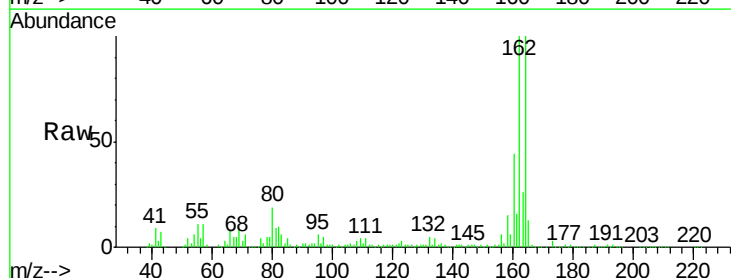
Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-02

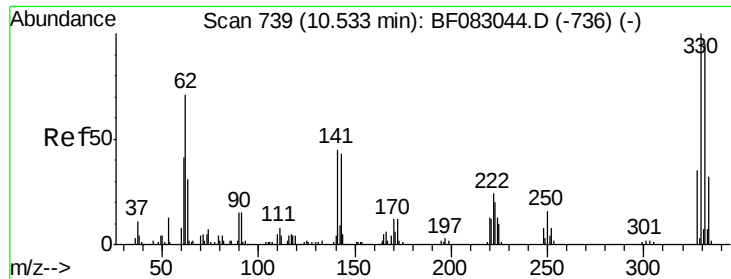
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.5	33.1	49.7
54	52.8	39.8	59.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083078.D
 Acq: 20 Nov 2015 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.5	120.7
160	43.5	35.0	52.4

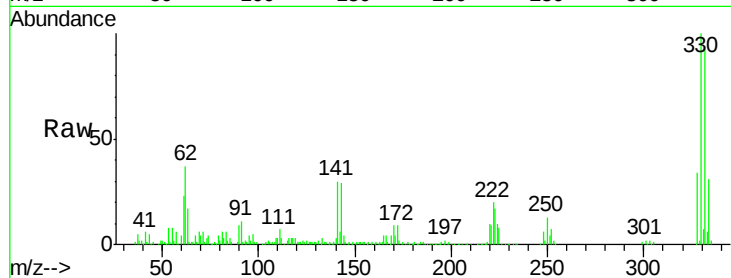




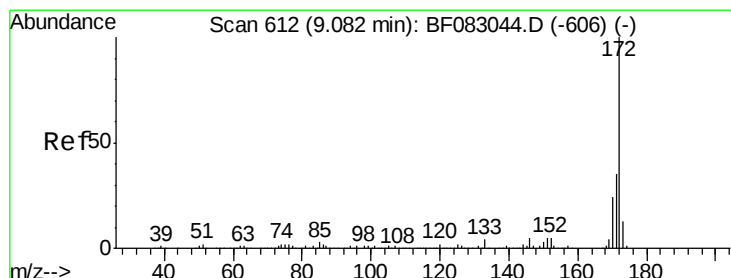
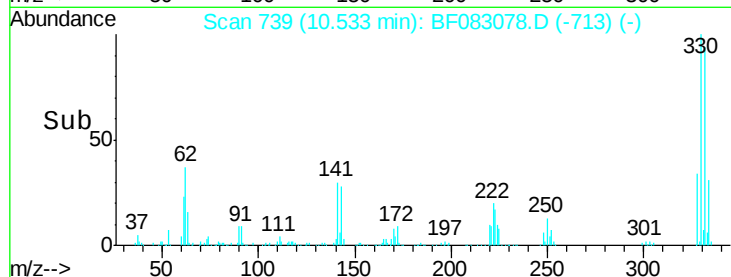
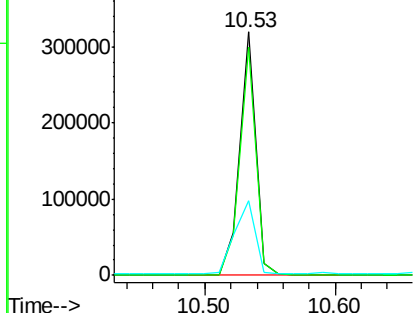
#41
 2,4,6-Tribromophenol
 Concen: 93.93 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083078.D
 Acq: 20 Nov 2015 13:26

Instrument :
 BNA_F
 ClientSampleId :
 RW-20151116-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.6	116.4
141	37.7	34.6	52.0

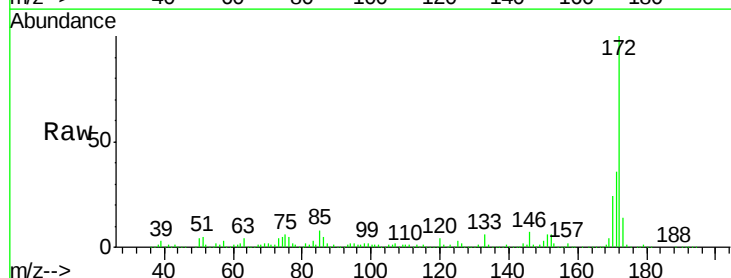


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

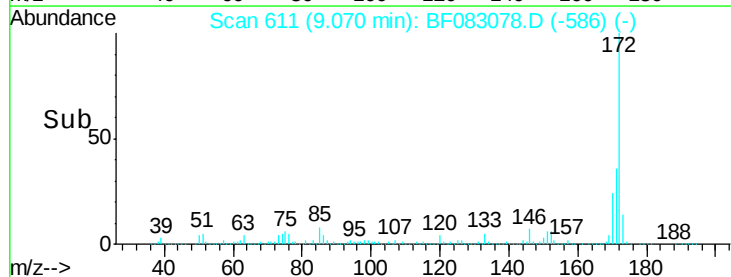
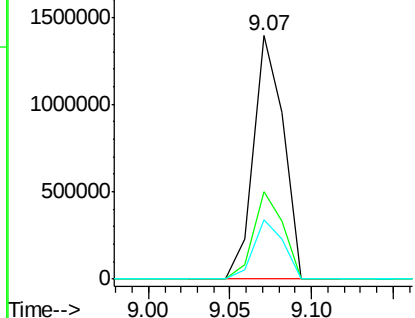


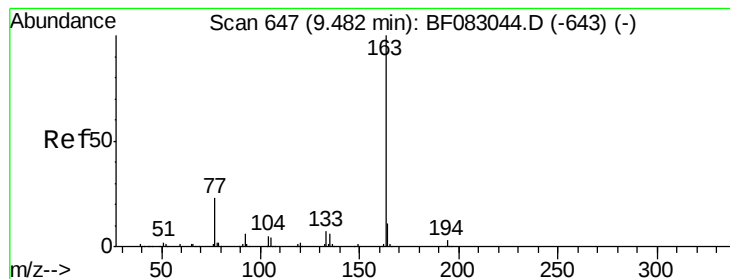
#44
 2-Fluorobiphenyl
 Concen: 87.73 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083078.D
 Acq: 20 Nov 2015 13:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	24.2	19.4	29.0



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: 19.23 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF083078.D

Acq: 20 Nov 2015 13:26

Instrument :

BNA_F

ClientSampleId :

RW-20151116-02

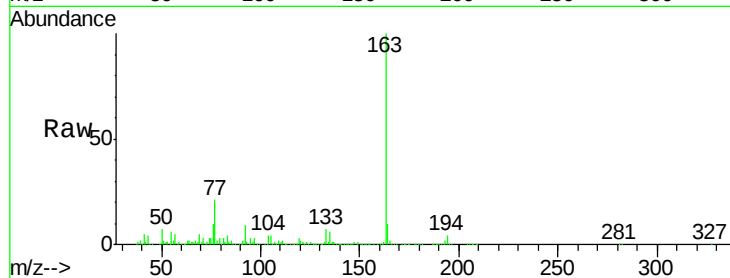
Tot Ion:163 Resp: 431073

Ion Ratio Lower Upper

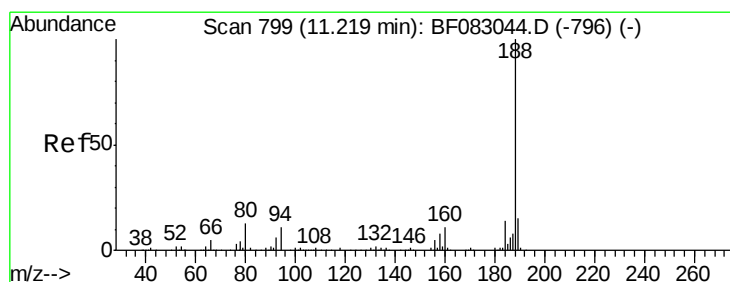
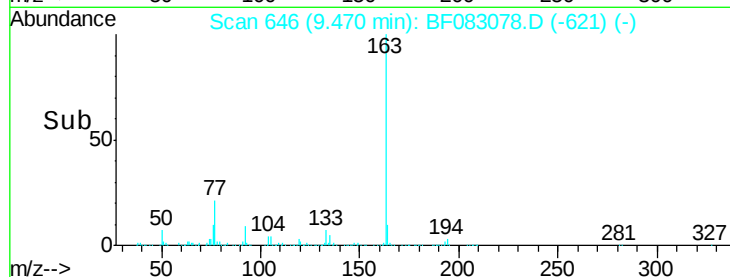
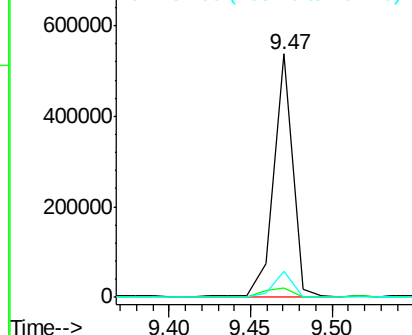
163 100

194 3.6 2.7 4.1

164 10.4 8.5 12.7



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: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083078.D

Acq: 20 Nov 2015 13:26

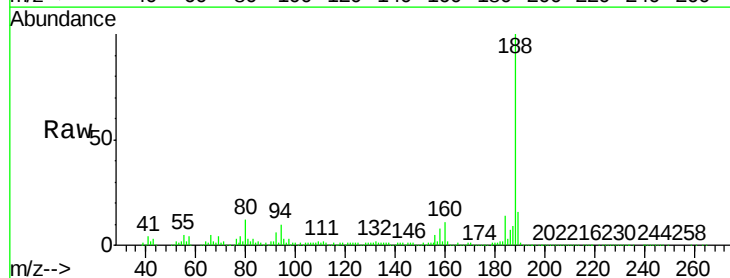
Tgt Ion:188 Resp: 409551

Ion Ratio Lower Upper

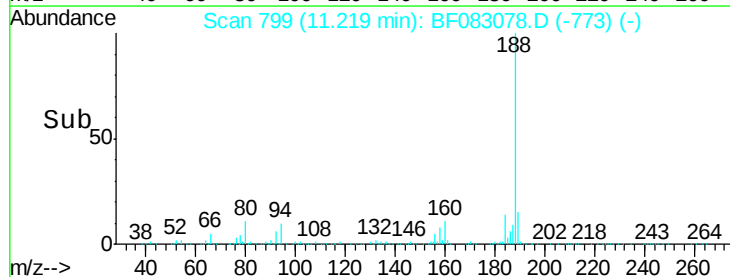
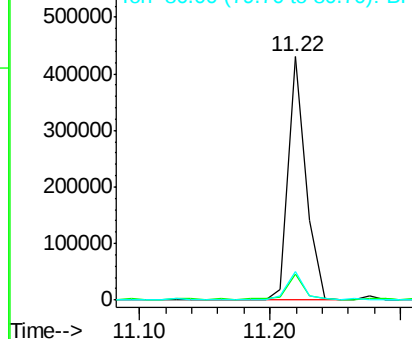
188 100

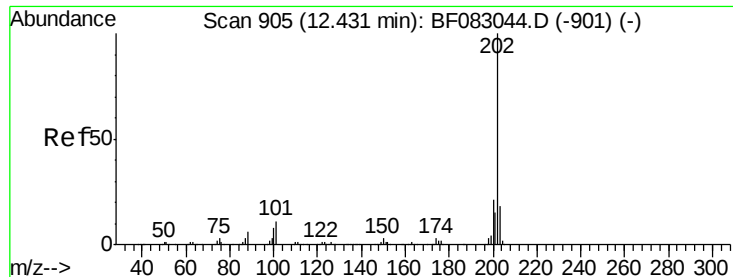
94 10.4 9.0 13.4

80 11.9 10.2 15.4



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





#74

Fluoranthene

Concen: 2.25 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083078.D

Acq: 20 Nov 2015 13:26

Instrument :

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ClientSampleId :

RW-20151116-02

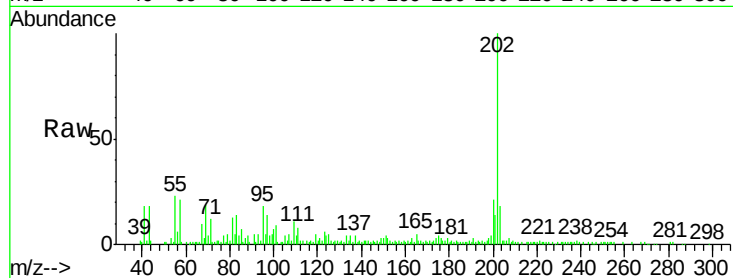
Tot Ion:202 Resp: 57848

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.1

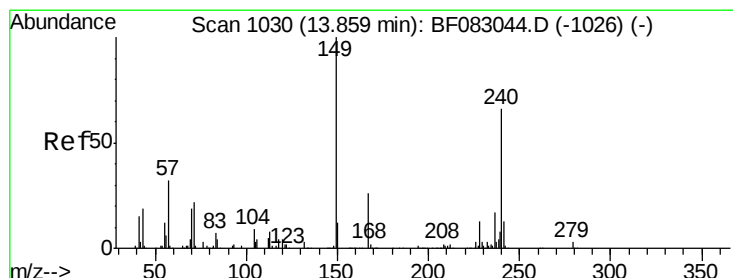
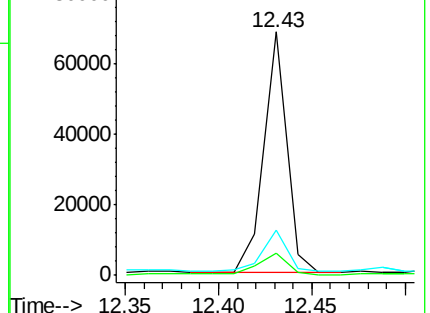
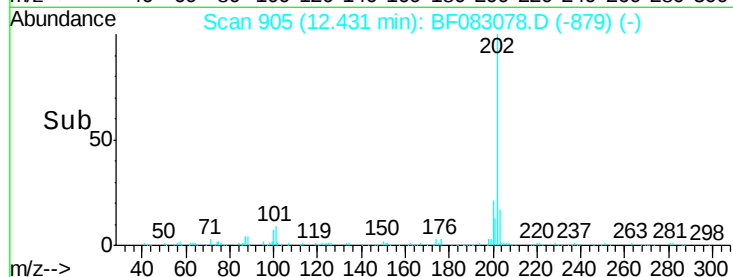
203 18.5 0.0 38.4



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083078.D

Acq: 20 Nov 2015 13:26

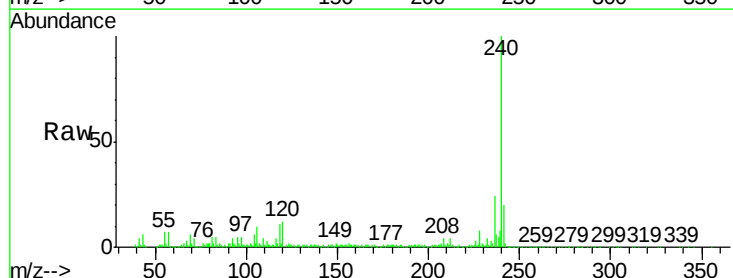
Tgt Ion:240 Resp: 383923

Ion Ratio Lower Upper

240 100

120 11.8 5.3 7.9#

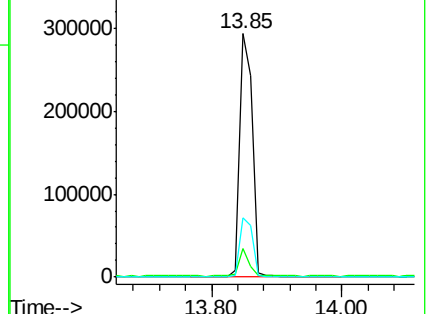
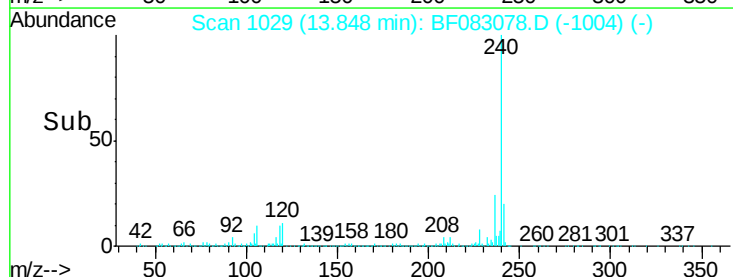
236 24.4 20.4 30.6

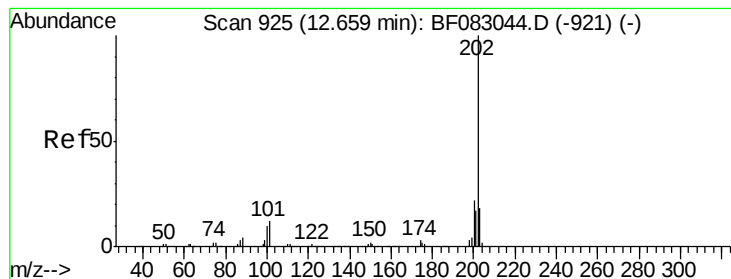


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.22 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF083078.D

Acq: 20 Nov 2015 13:26

Instrument :

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RW-20151116-02

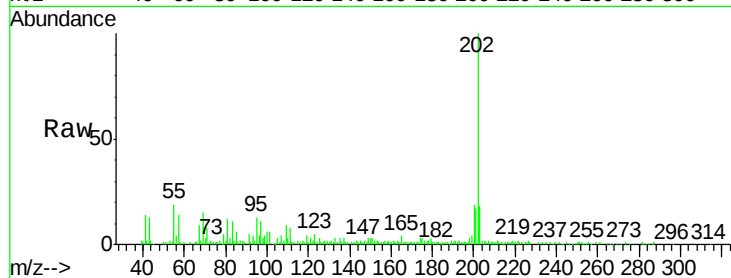
Tot Ion:202 Resp: 86976

Ion Ratio Lower Upper

202 100

200 18.8 17.6 26.4

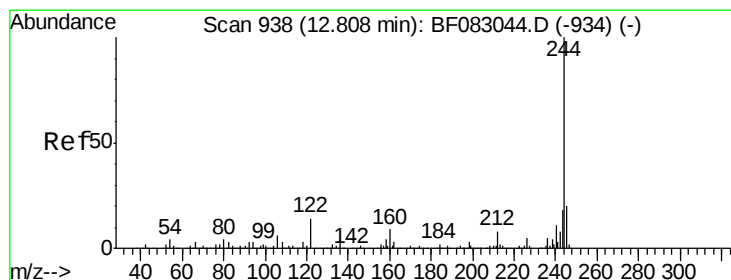
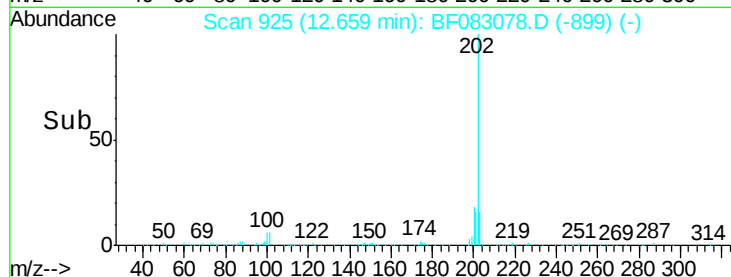
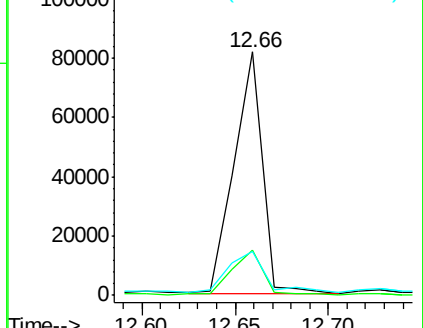
203 18.0 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.92 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF083078.D

Acq: 20 Nov 2015 13:26

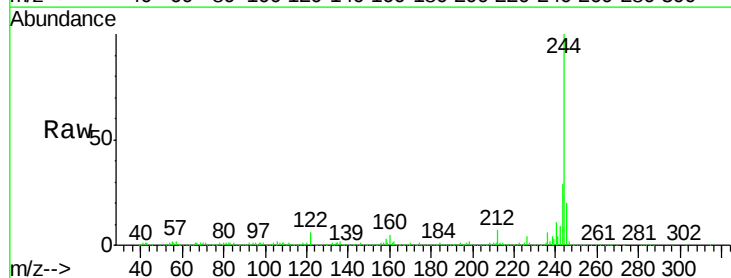
Tgt Ion:244 Resp: 1543710

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

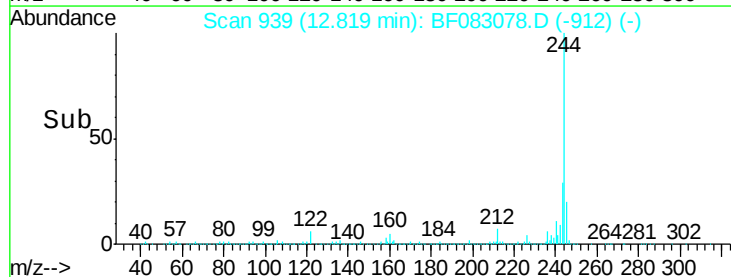
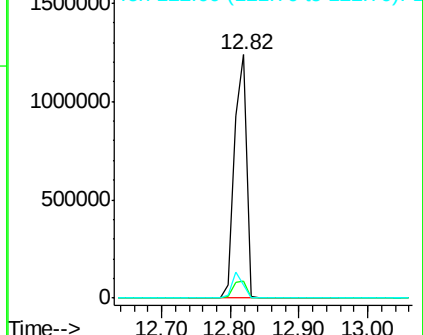
122 5.6 10.9 16.3#

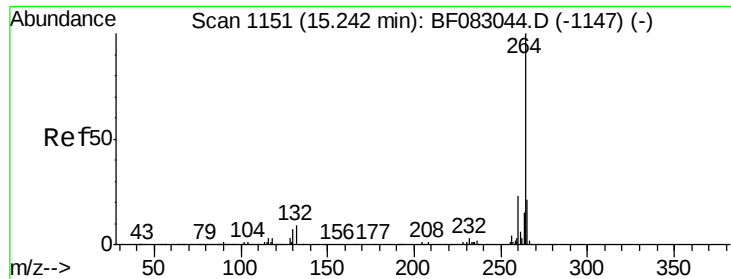


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF083078.D
Acq: 20 Nov 2015 13:26

Instrument :
BNA_F
ClientSampleId :
RW-20151116-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.0	17.0	25.6

