

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083224.D
 Acq On : 24 Nov 2015 1:03
 Operator : UM/IZ
 Sample : G4496-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

Quant Time: Nov 24 06:48:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

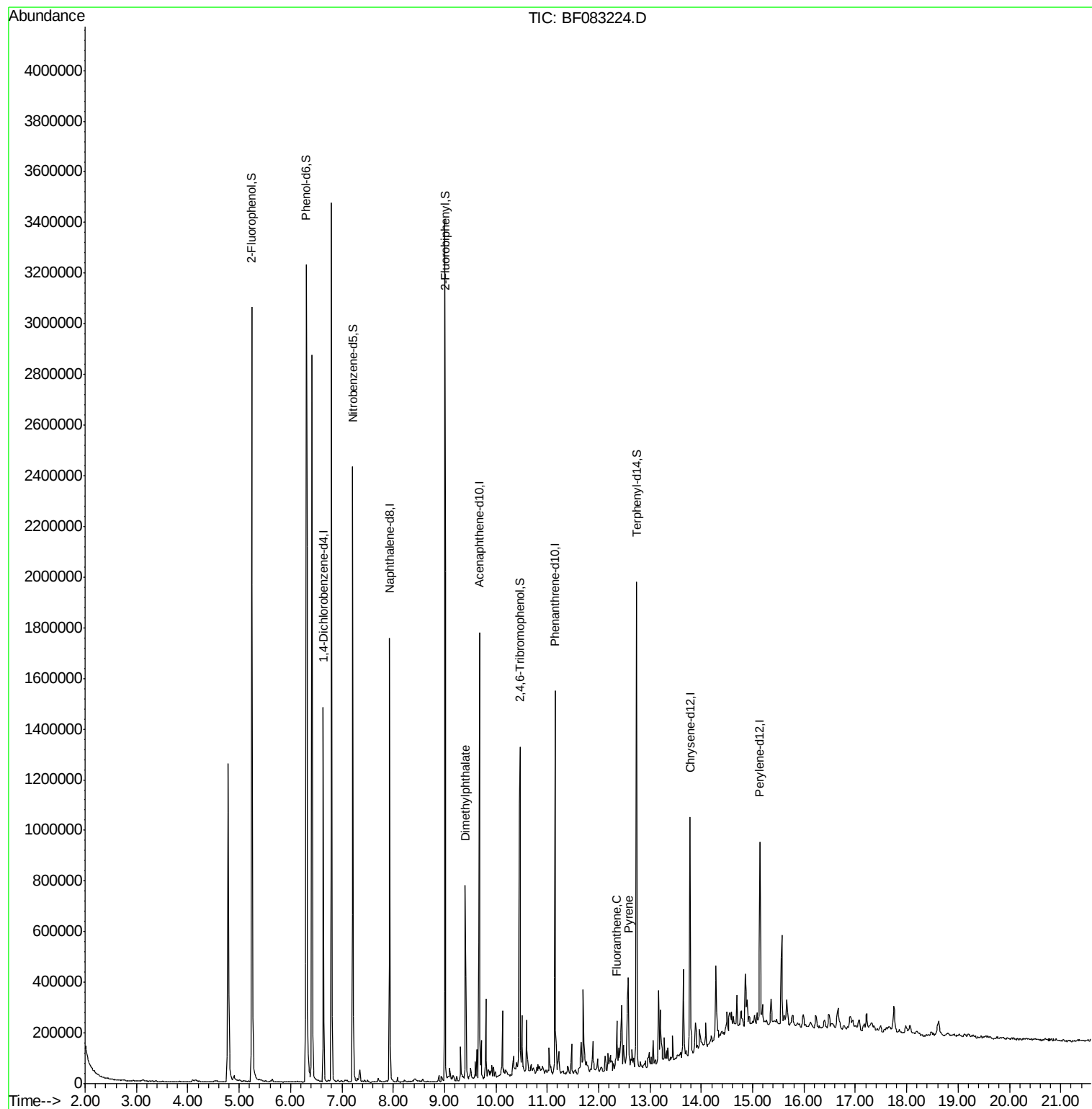
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	207370	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	776231	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	357815	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	548257	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	430386	20.00	ng	-0.02
86) Perylene-d12	15.14	264	317142	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1072057	78.16	ng	-0.03
7) Phenol-d6	6.31	99	1442335	81.27	ng	-0.03
23) Nitrobenzene-d5	7.21	82	826254	48.64	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	190464	52.03	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1350280	52.62	ng	-0.02
78) Terphenyl-d14	12.74	244	887791	48.58	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	356830	12.95	ng	100
74) Fluoranthene	12.35	202	73104	2.26	ng	96
77) Pyrene	12.58	202	60059	2.04	ng	97

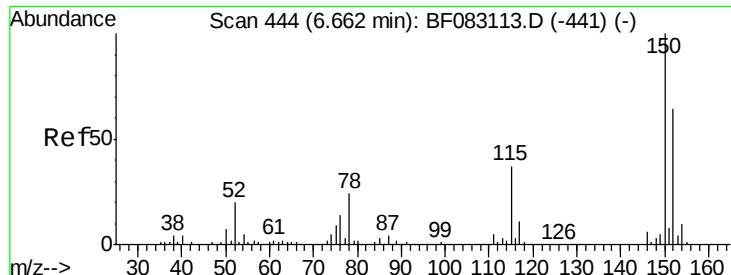
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Nov 22 09:22:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

Instrument :

BNA_F

ClientSampleId :

A18-COMP

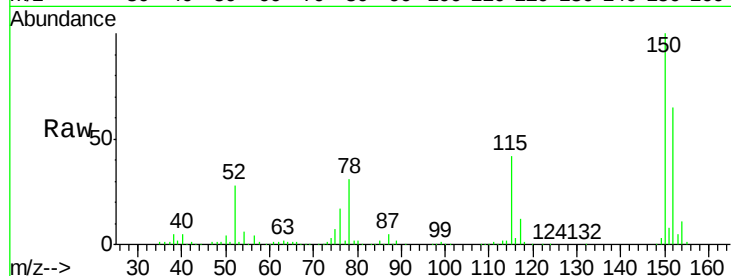
Tot Ion:152 Resp: 207370

Ion Ratio Lower Upper

152 100

150 154.0 125.8 188.8

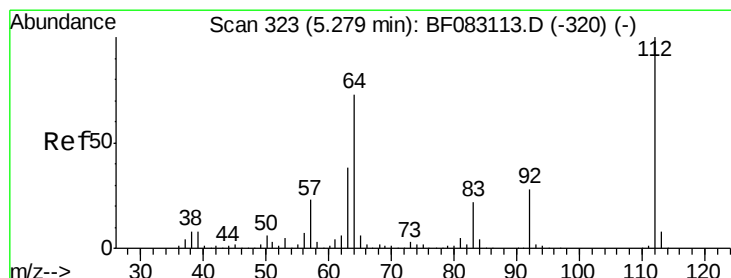
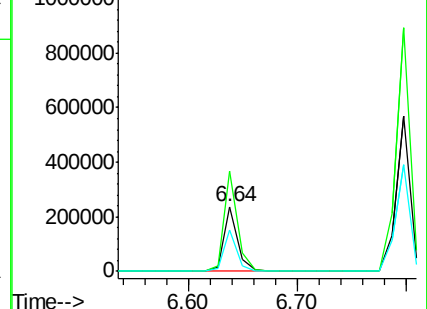
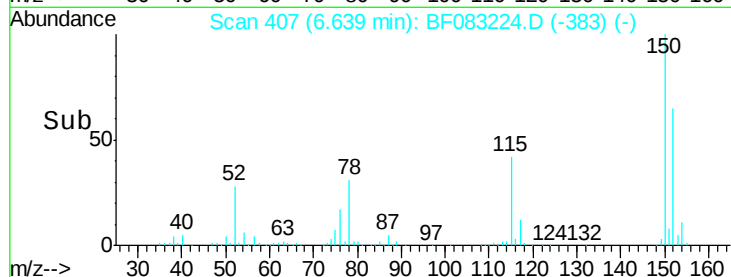
115 64.4 46.9 70.3



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: 78.16 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

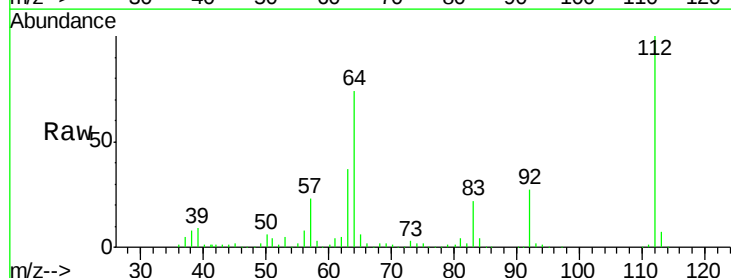
Tgt Ion:112 Resp: 1072057

Ion Ratio Lower Upper

112 100

64 74.2 58.4 87.6

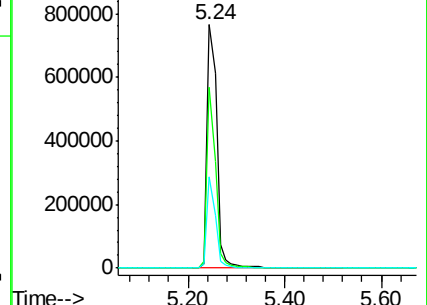
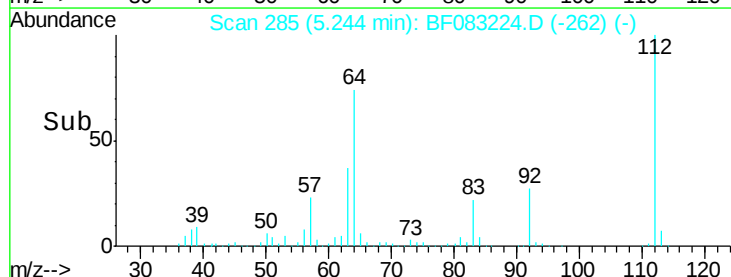
63 37.4 30.0 45.0

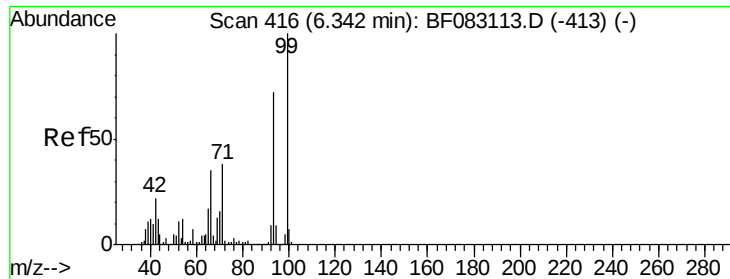


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.27 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

Instrument :

BNA_F

ClientSampleId :

A18-COMP

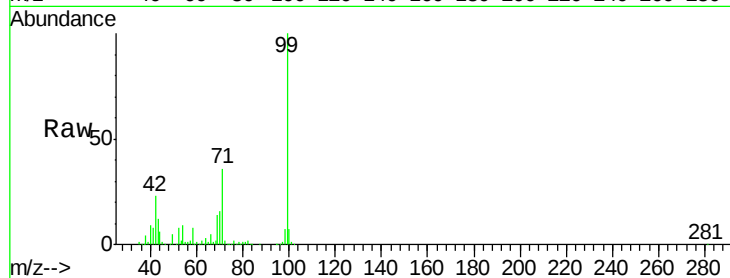
Tot Ion: 99 Resp: 1442335

Ion Ratio Lower Upper

99 100

42 23.3 17.7 26.5

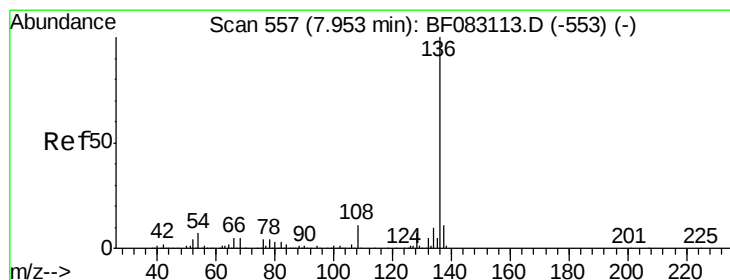
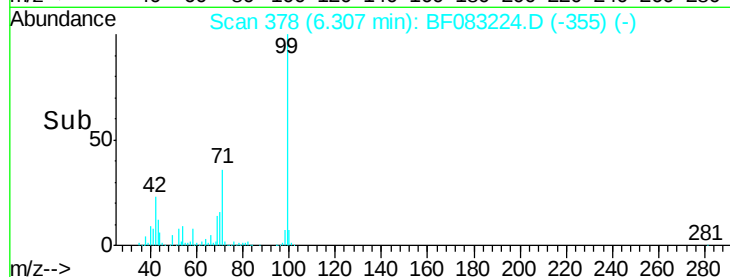
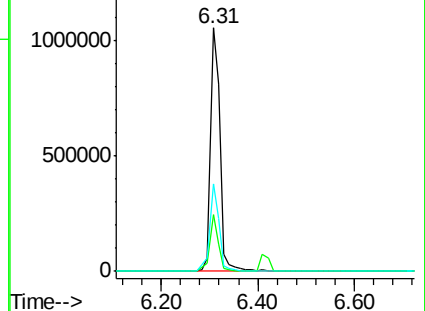
71 36.1 30.2 45.4



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: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

Tgt Ion: 136 Resp: 776231

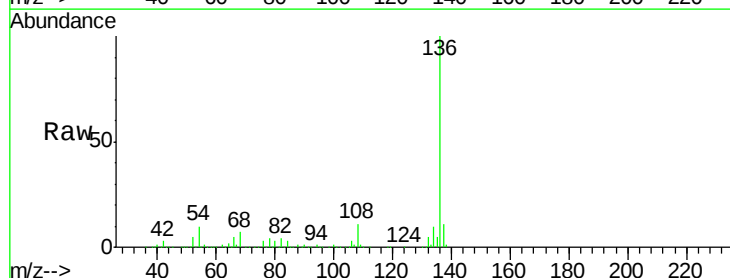
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.5 5.8 8.6#

68 6.8 3.8 5.8#

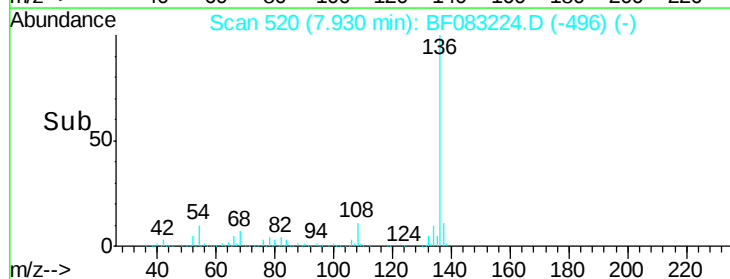
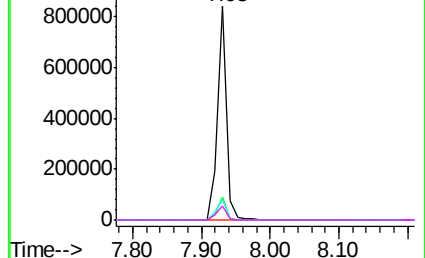


Abundance Ion 136.00 (135.70 to 136.70): E

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

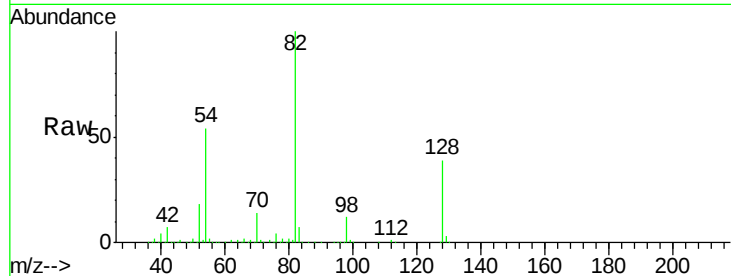




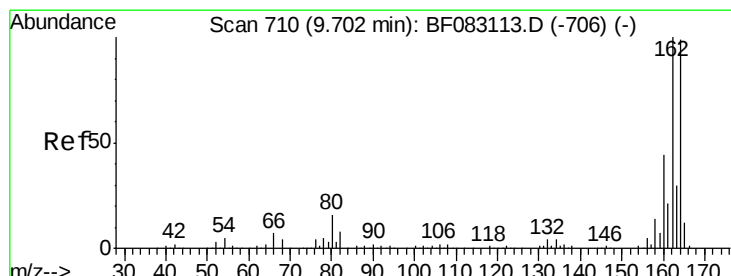
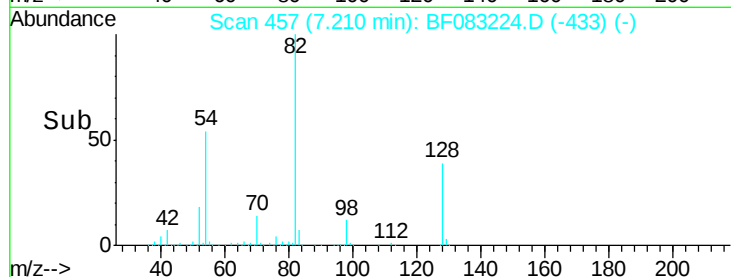
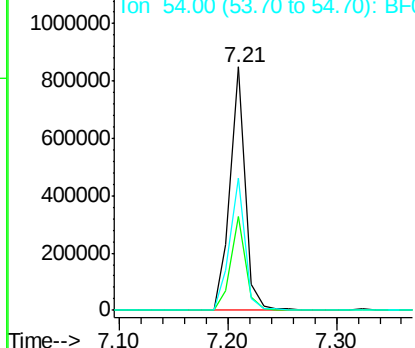
#23
Nitrobenzene-d5
Concen: 48.64 ng
RT: 7.21 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF083224.D
Acq: 24 Nov 2015 1:03

Instrument :
BNA_F
ClientSampleId :
A18-COMP

Tot Ion: 82 Resp: 826254
Ion Ratio Lower Upper
82 100
128 38.5 28.5 42.7
54 54.2 44.6 67.0

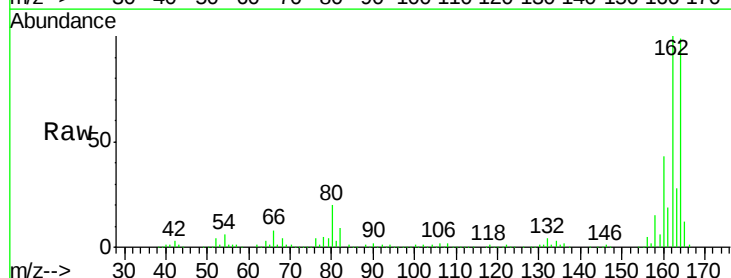


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

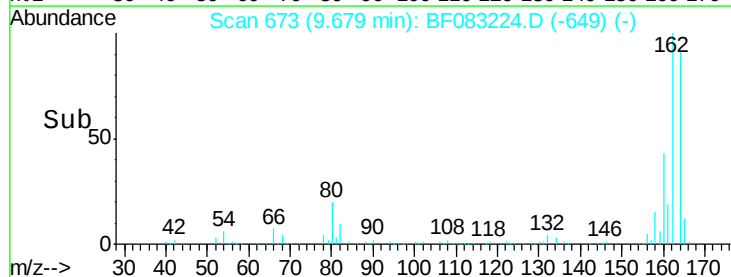
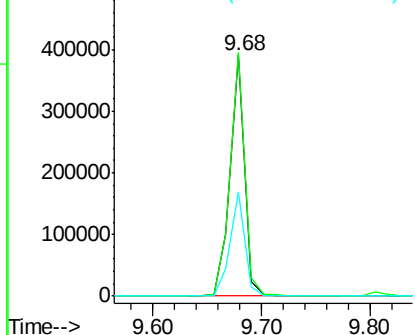


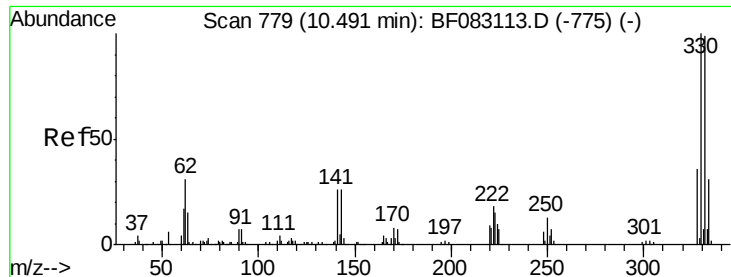
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083224.D
Acq: 24 Nov 2015 1:03

Tgt Ion: 164 Resp: 357815
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 43.3 35.6 53.4



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

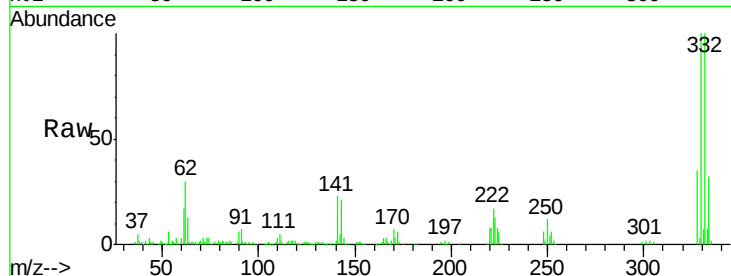




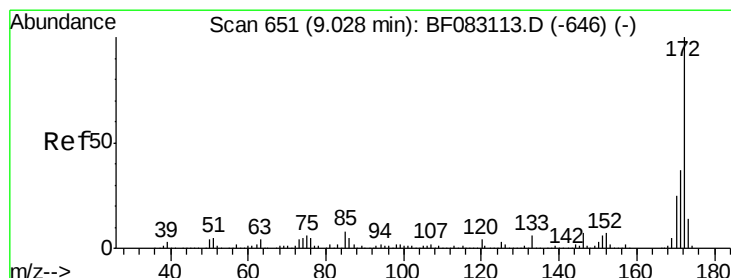
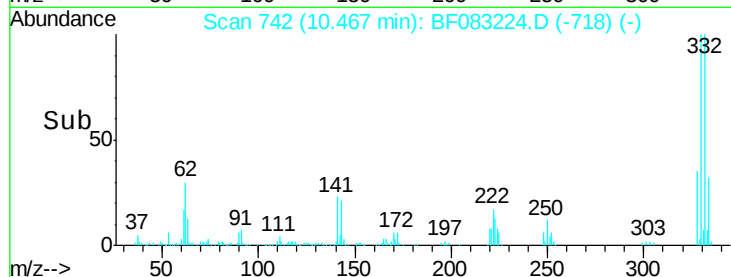
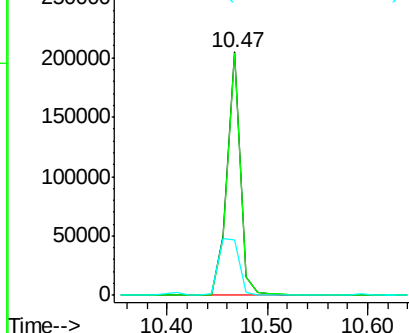
#41
 2,4,6-Tribromophenol
 Concen: 52.03 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.7	116.5
141	36.4	29.7	44.5

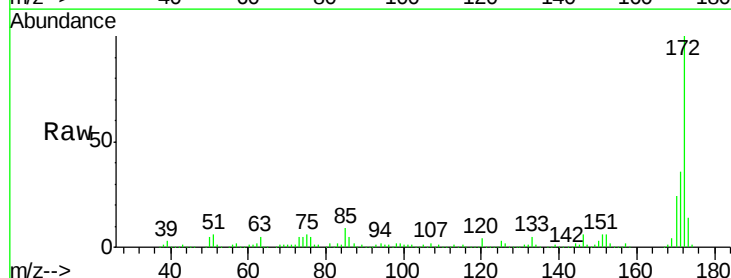


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

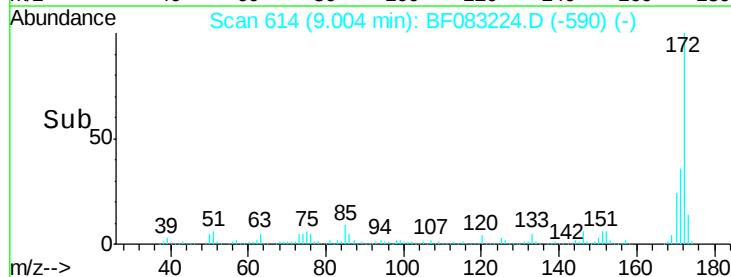
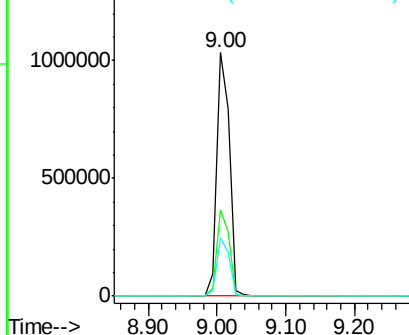


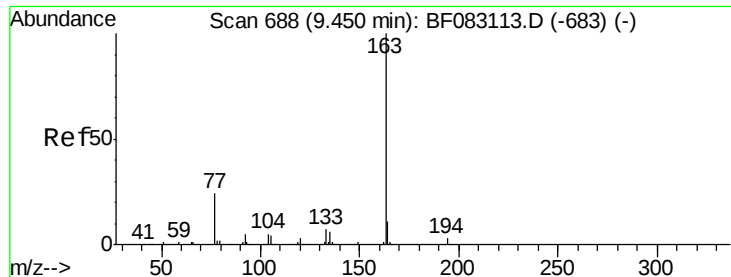
#44
 2-Fluorobiphenyl
 Concen: 52.62 ng
 RT: 9.00 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.5	44.3
170	24.0	19.9	29.9



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

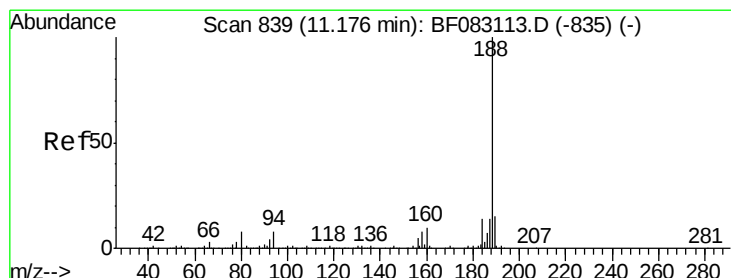
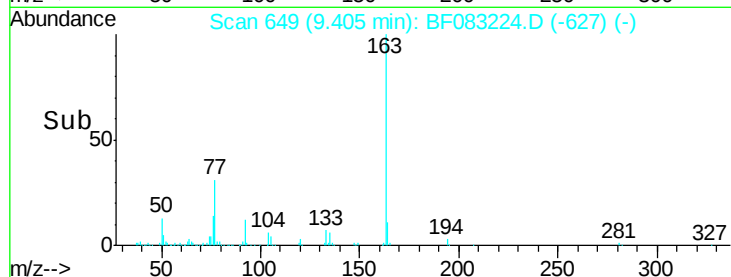
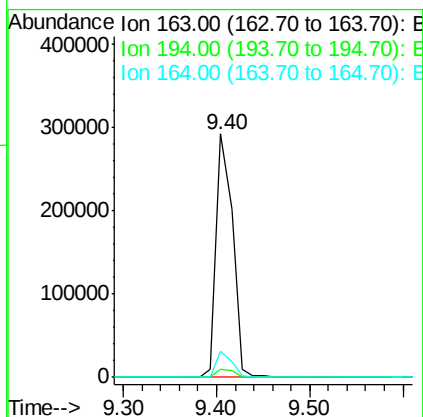
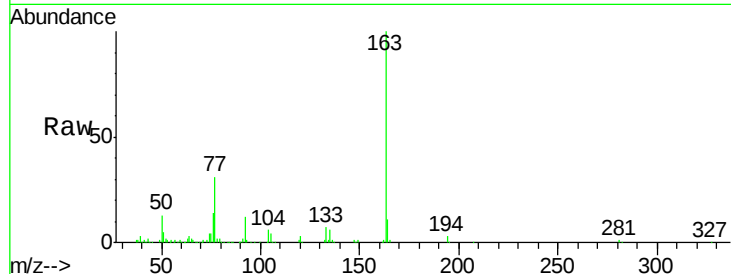




#49
Dimethylphthalate
Concen: 12.95 ng
RT: 9.40 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF083224.D
Acq: 24 Nov 2015 1:03

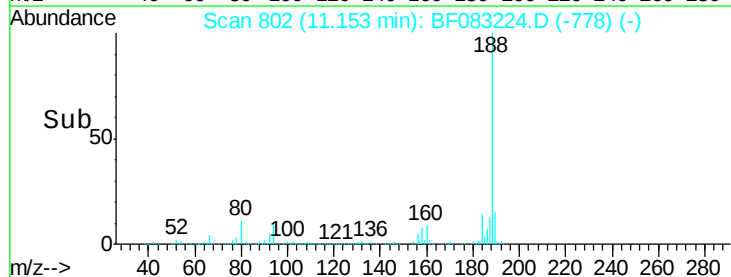
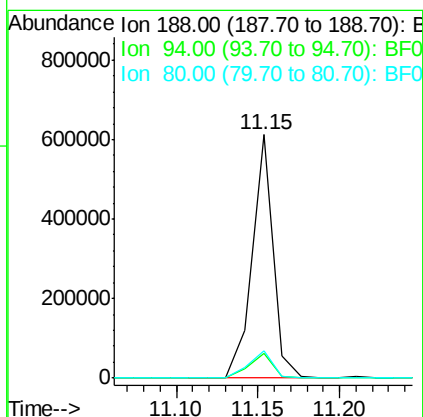
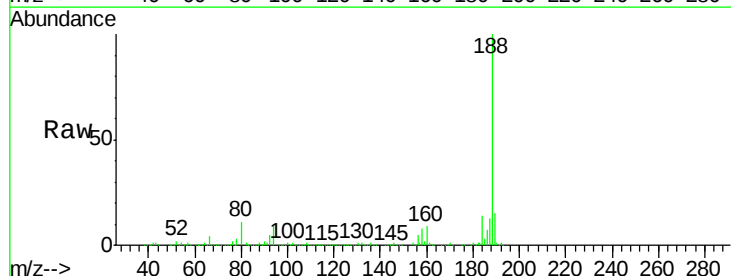
Instrument :
BNA_F
ClientSampleId :
A18-COMP

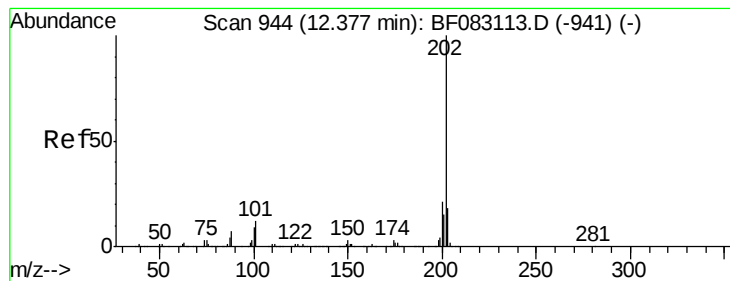
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.6	8.6	12.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083224.D
Acq: 24 Nov 2015 1:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	6.0	9.0#
80	11.1	6.7	10.1#





#74

Fluoranthene

Concen: 2.26 ng

RT: 12.35 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

Instrument :

BNA_F

ClientSampleId :

A18-COMP

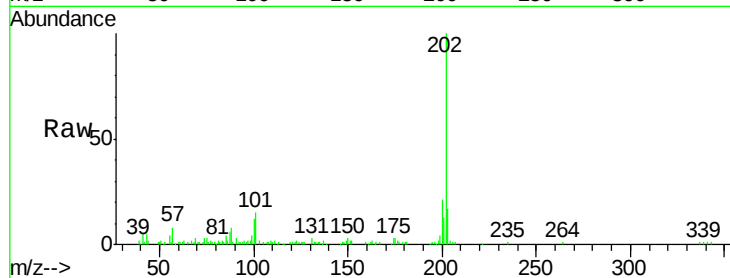
Tot Ion:202 Resp: 73104

Ion Ratio Lower Upper

202 100

101 14.5 0.0 32.3

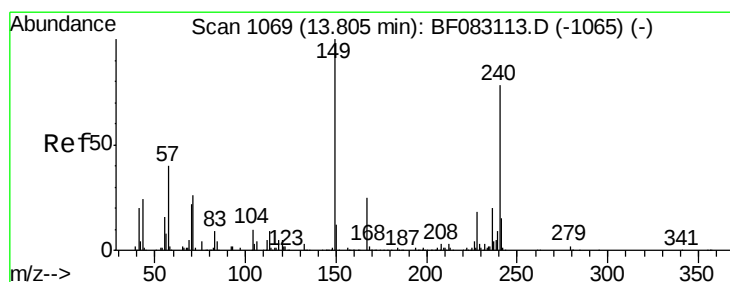
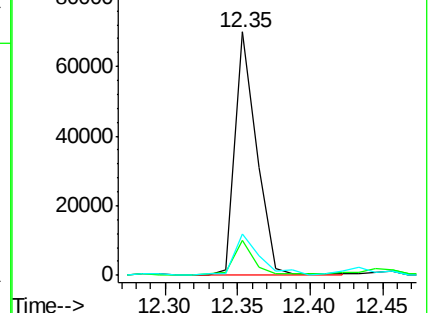
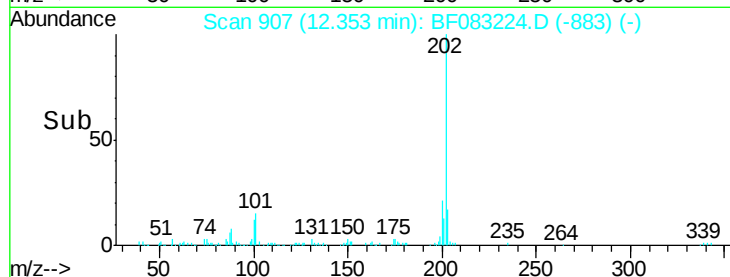
203 17.0 0.0 38.4



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: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

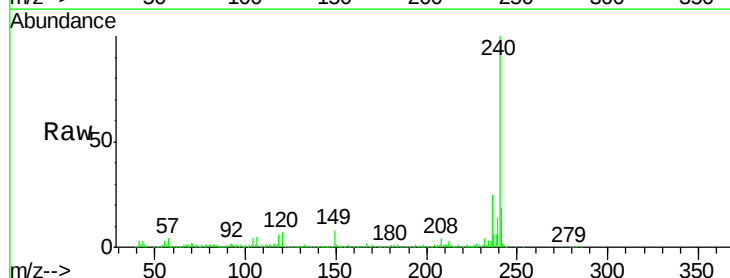
Tgt Ion:240 Resp: 430386

Ion Ratio Lower Upper

240 100

120 7.1 5.4 8.2

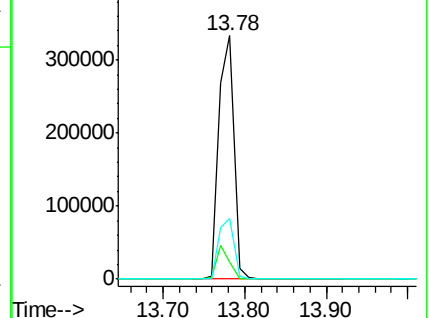
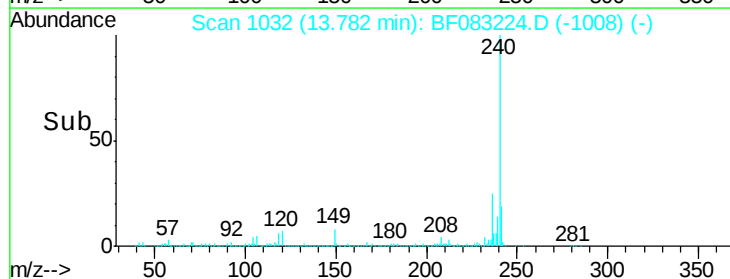
236 25.1 20.6 31.0

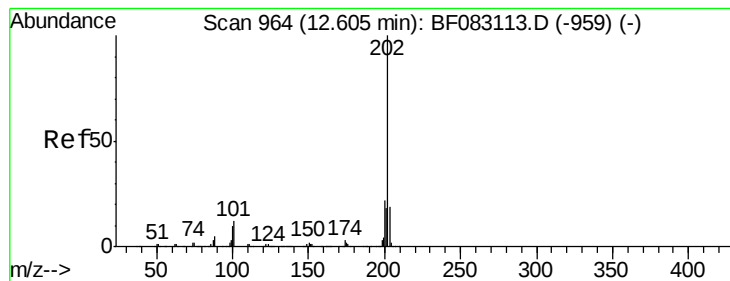


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.04 ng

RT: 12.58 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

Instrument :

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ClientSampleId :

A18-COMP

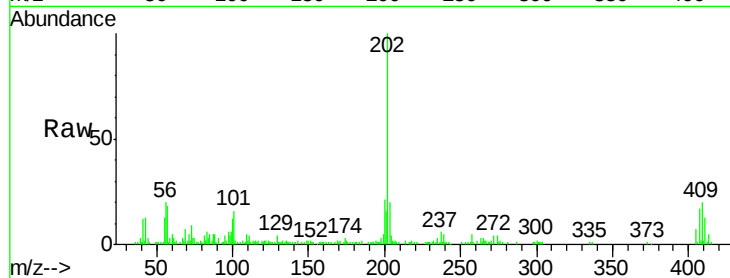
Tot Ion:202 Resp: 60059

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

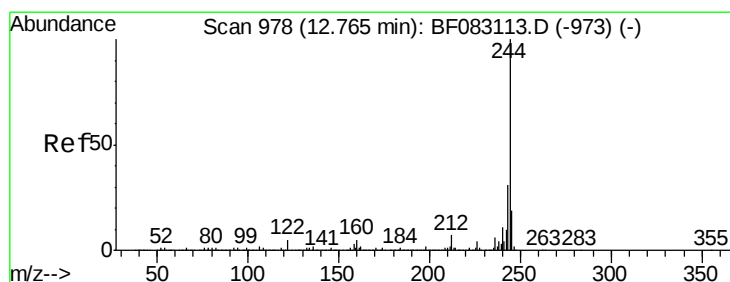
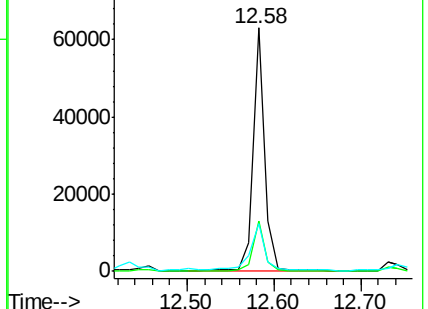
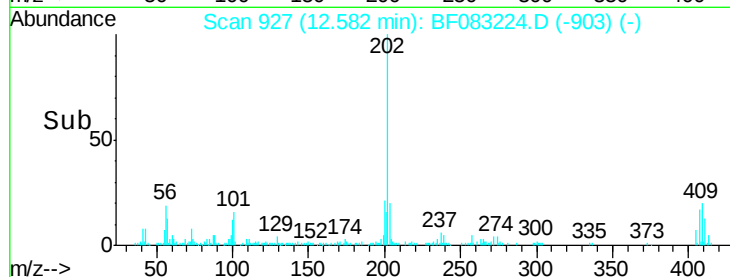
203 19.8 15.0 22.4



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: 48.58 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083224.D

Acq: 24 Nov 2015 1:03

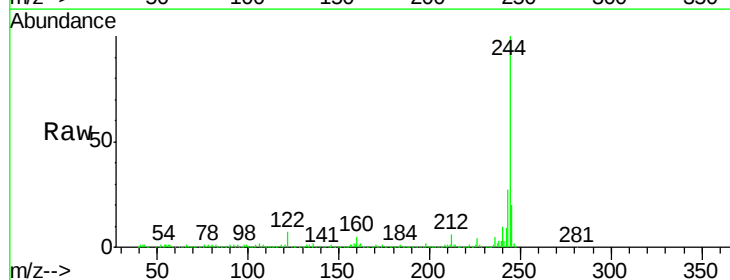
Tgt Ion:244 Resp: 887791

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

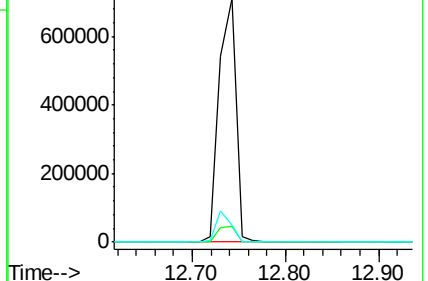
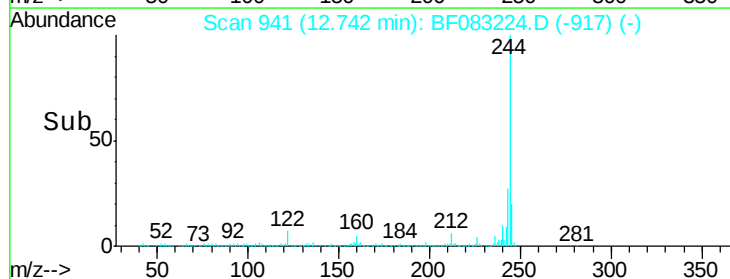
122 7.0 4.3 6.5#

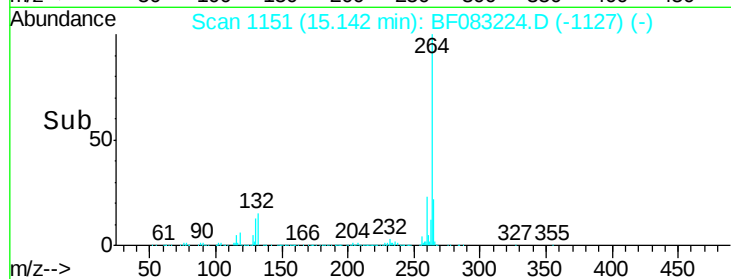
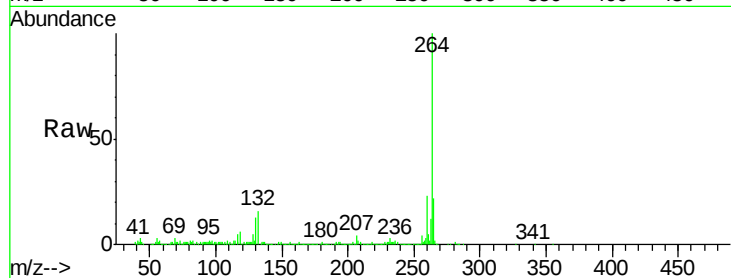
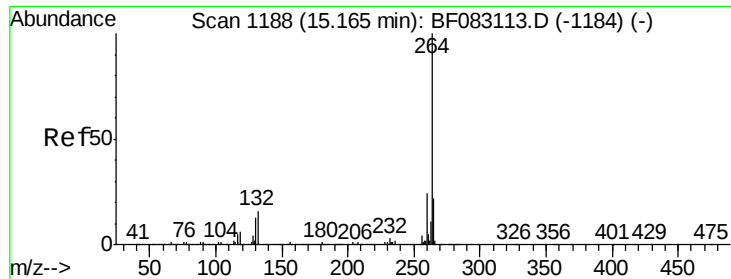


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.14 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF083224.D
 Acq: 24 Nov 2015 1:03

Instrument :
 BNA_F
 ClientSampleId :
 A18-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.8	18.2	27.4

