

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081034.D
 Acq On : 18 Aug 2015 7:25
 Operator : UM/IZ
 Sample : G3290-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2A(0-2)-5

Quant Time: Aug 18 08:40:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

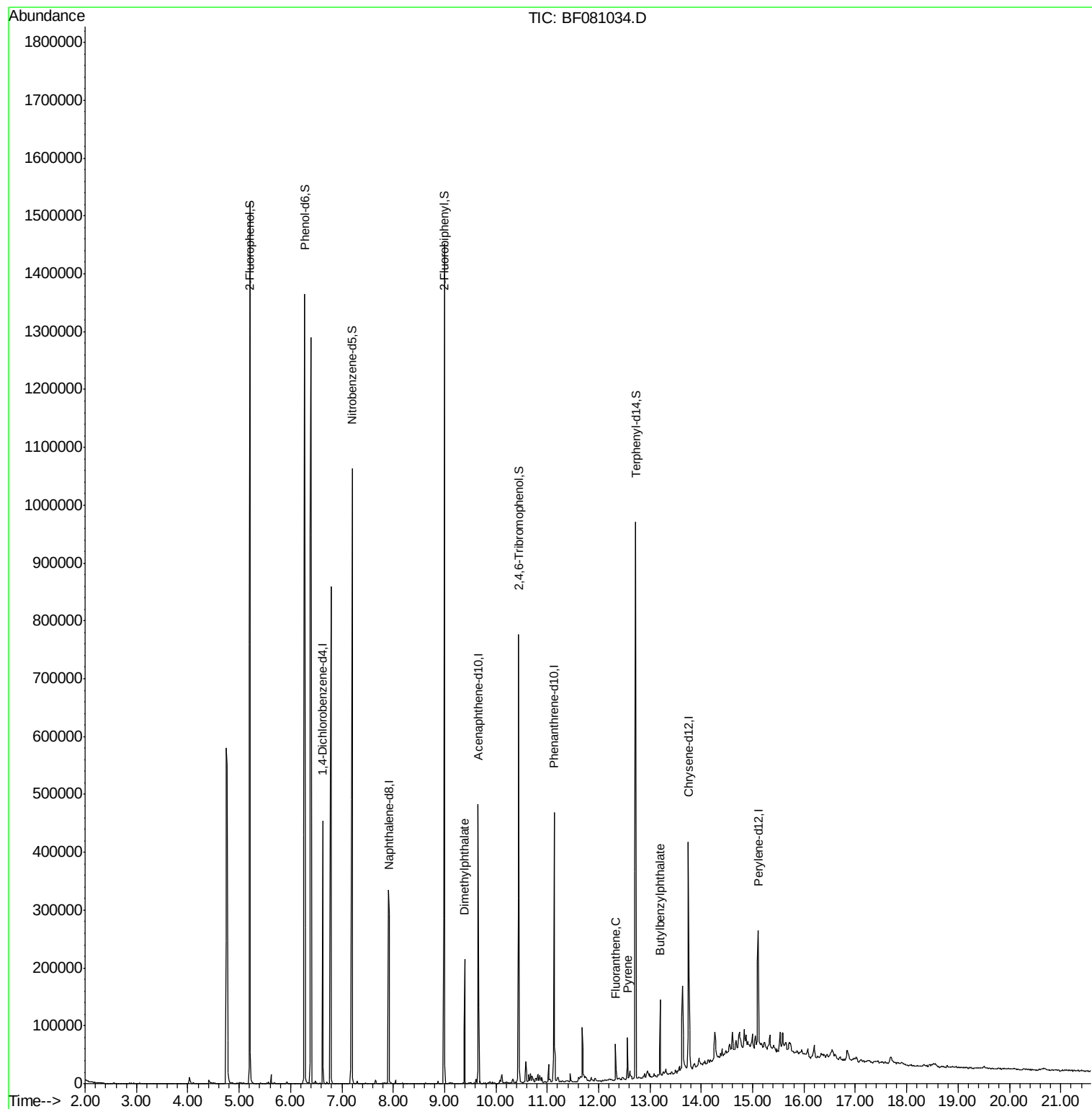
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	58159	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	207916	20.00	ng	0.01
38) Acenaphthene-d10	9.66	164	89455	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	153846	20.00	ng	0.00
75) Chrysene-d12	13.75	240	125084	20.00	ng	0.00
86) Perylene-d12	15.11	264	89180	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	405001	104.74	ng	0.02
7) Phenol-d6	6.27	99	482476	95.63	ng	0.01
23) Nitrobenzene-d5	7.20	82	367372	80.72	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	69228	89.28	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	394734	57.82	ng	0.00
78) Terphenyl-d14	12.72	244	297467	50.98	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.39	163	94038	12.76	ng	Qvalue # 99
74) Fluoranthene	12.33	202	25503	2.59	ng	93
77) Pyrene	12.56	202	24251	2.38	ng	97
79) Butylbenzylphthalate	13.20	149	29604	6.77	ng	# 86

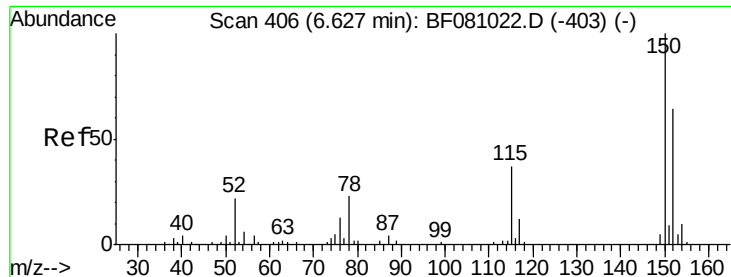
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF081034.D

Acq: 18 Aug 2015 7:25

Instrument :

BNA_F

ClientSampleId :

2A(0-2)-5

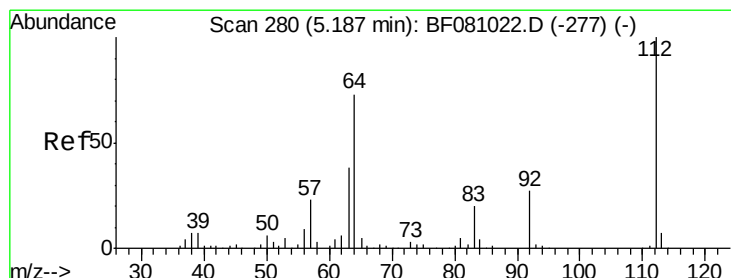
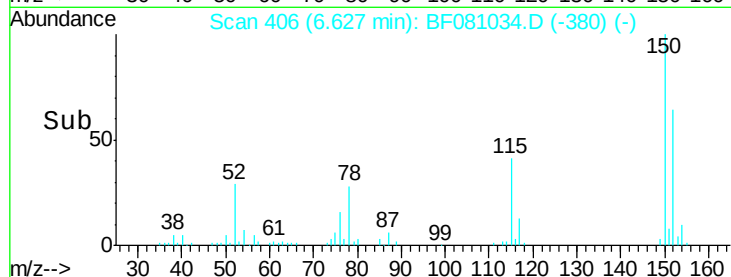
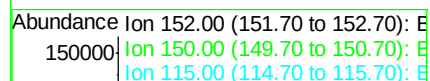
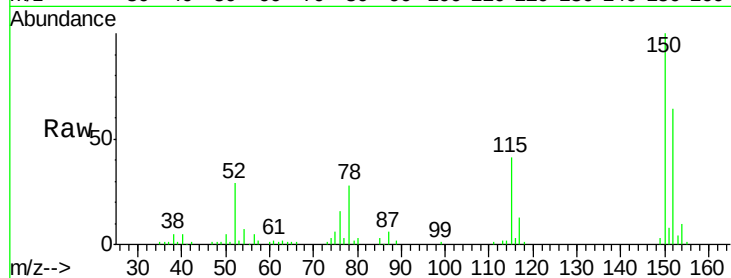
Tgt Ion:152 Resp: 58159

Ion Ratio Lower Upper

152 100

150 155.1 123.8 185.6

115 63.6 52.1 78.1



#5

2-Fluorophenol

Concen: 104.74 ng

RT: 5.21 min Scan# 282

Delta R.T. 0.02 min

Lab File: BF081034.D

Acq: 18 Aug 2015 7:25

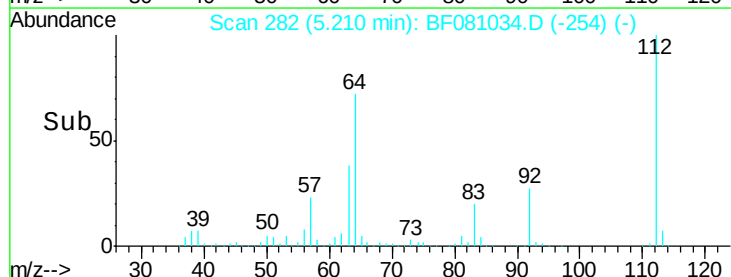
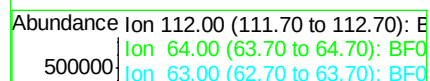
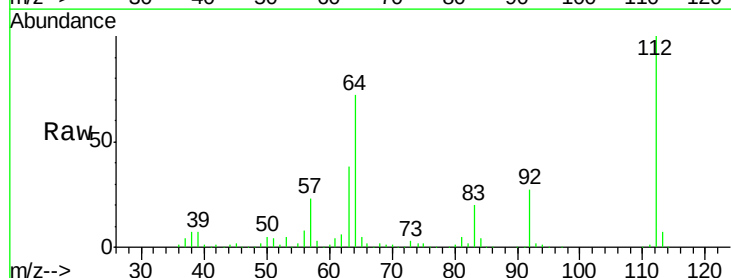
Tgt Ion:112 Resp: 405001

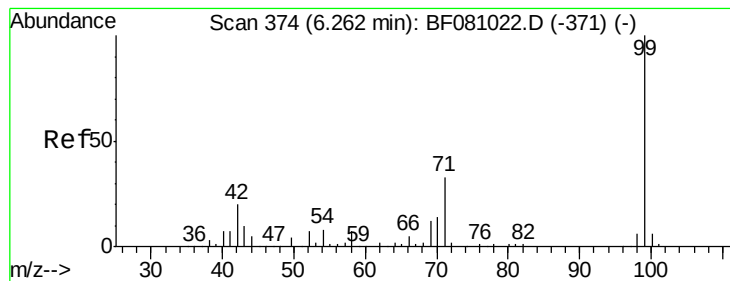
Ion Ratio Lower Upper

112 100

64 71.6 66.9 100.3

63 37.7 38.1 57.1#





#7

Phenol-d6

Concen: 95.63 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081034.D

Acq: 18 Aug 2015 7:25

Instrument :

BNA_F

ClientSampleId :

2A(0-2)-5

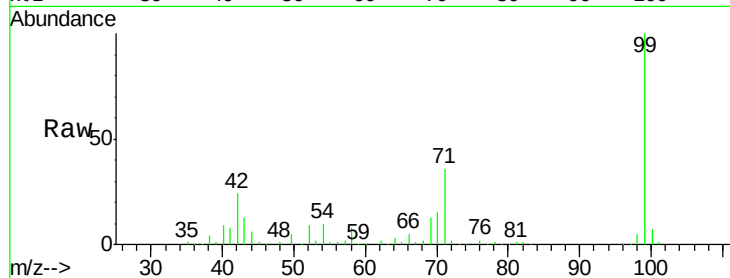
Tgt Ion: 99 Resp: 482476

Ion Ratio Lower Upper

99 100

42 23.5 19.6 29.4

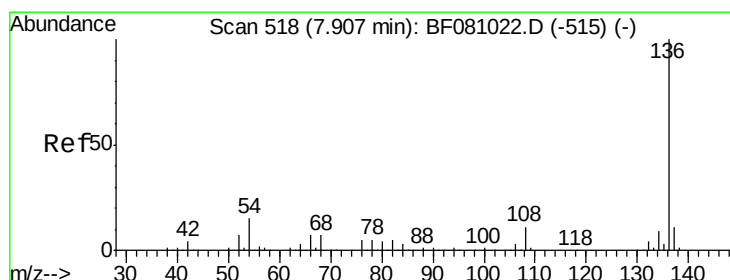
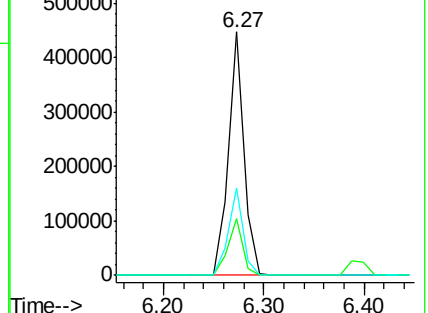
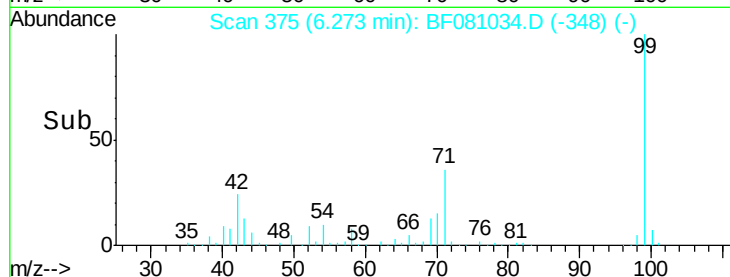
71 36.2 31.2 46.8



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: 7.92 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF081034.D

Acq: 18 Aug 2015 7:25

Tgt Ion: 136 Resp: 207916

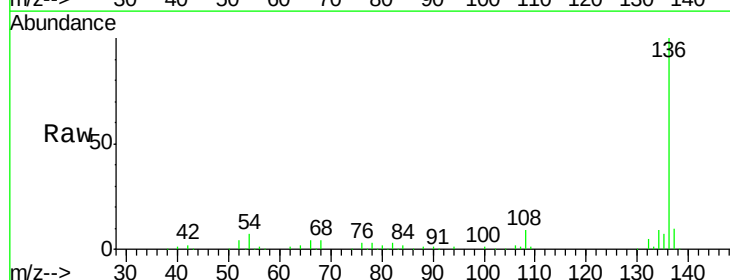
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.2

54 7.1 7.7 11.5#

68 4.0 3.4 5.2

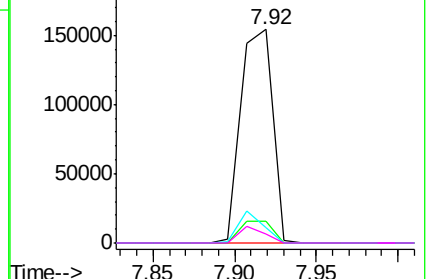
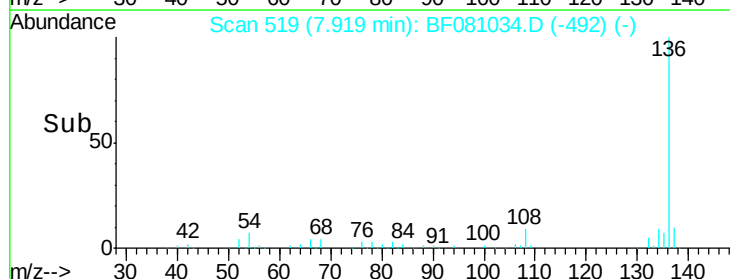


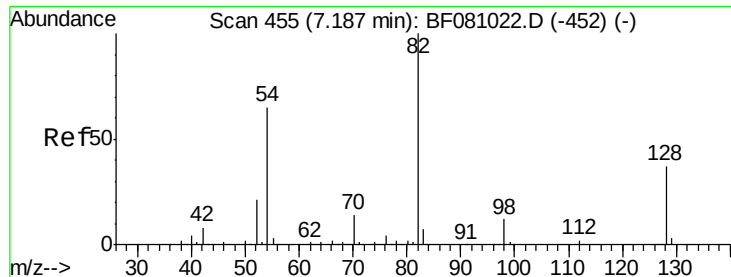
Abundance Ion 136.00 (135.70 to 136.70): E

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

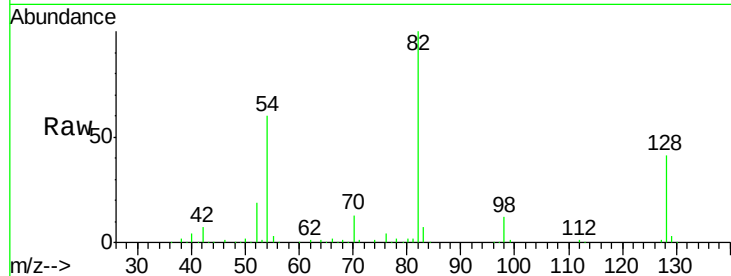




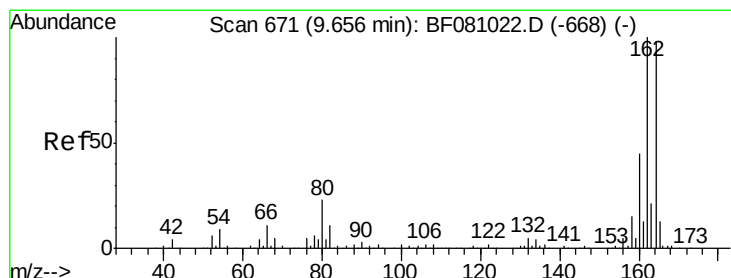
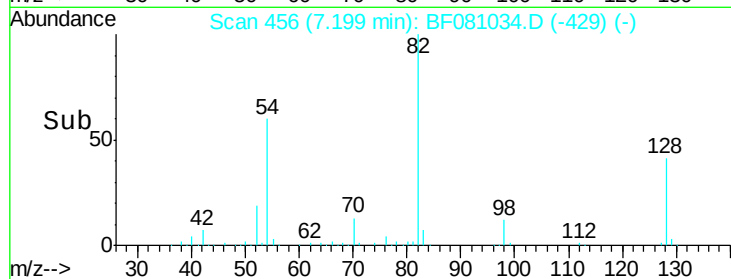
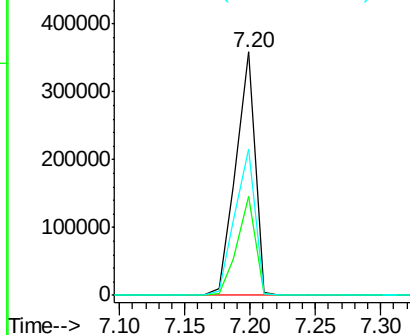
#23
Nitrobenzene-d5
Concen: 80.72 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081034.D
Acq: 18 Aug 2015 7:25

Instrument :
BNA_F
ClientSampleId :
2A(0-2)-5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	28.6	42.8
54	60.0	55.1	82.7

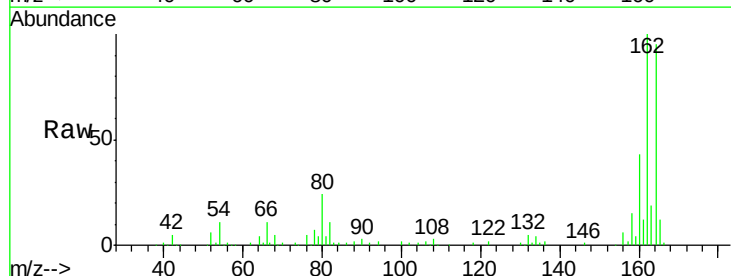


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

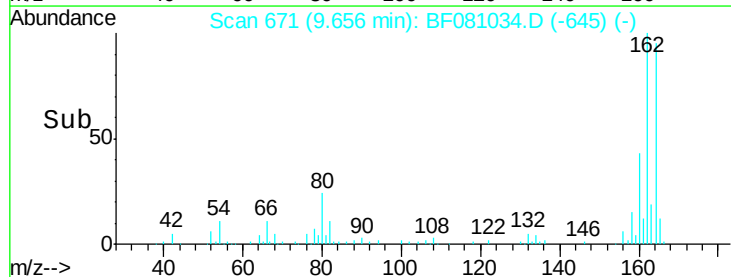
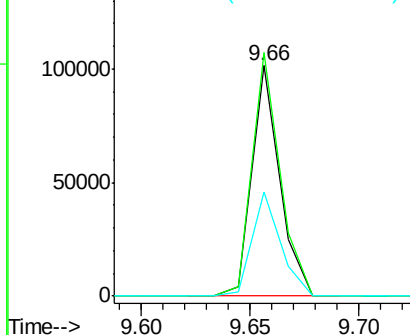


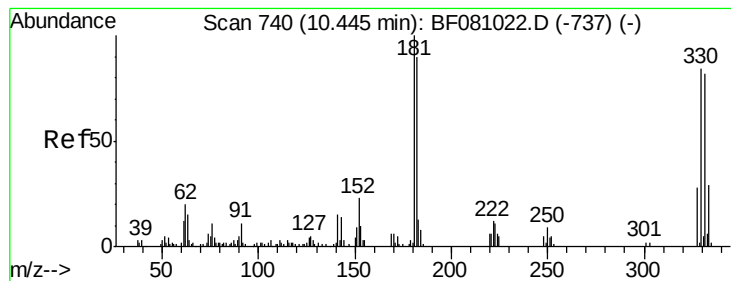
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081034.D
Acq: 18 Aug 2015 7:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.8	125.8
160	45.1	39.8	59.8



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

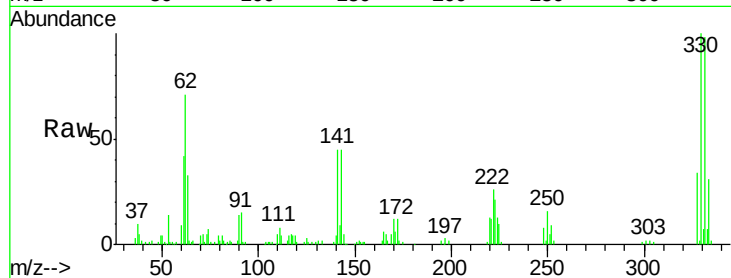




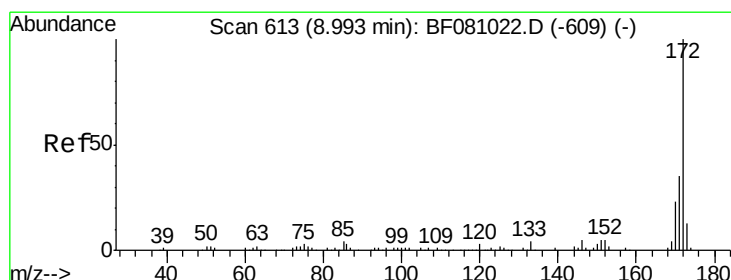
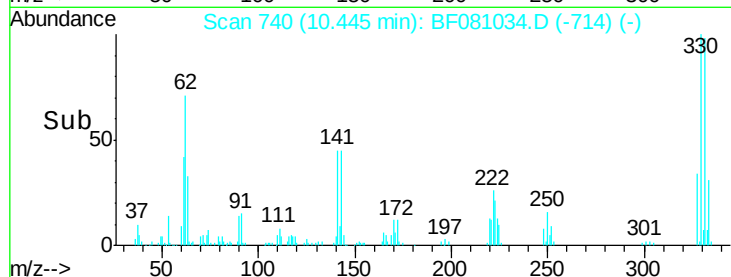
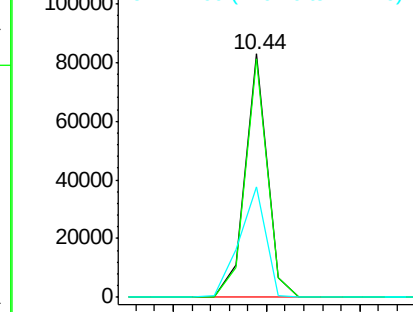
#41
 2,4,6-Tribromophenol
 Concen: 89.28 ng
 RT: 10.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081034.D
 Acq: 18 Aug 2015 7:25

Instrument :
 BNA_F
 ClientSampleId :
 2A(0-2)-5

Tgt Ion:330 Resp: 69228
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 54.6 44.9 67.3

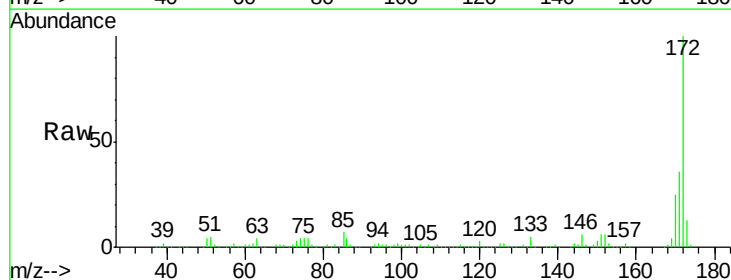


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

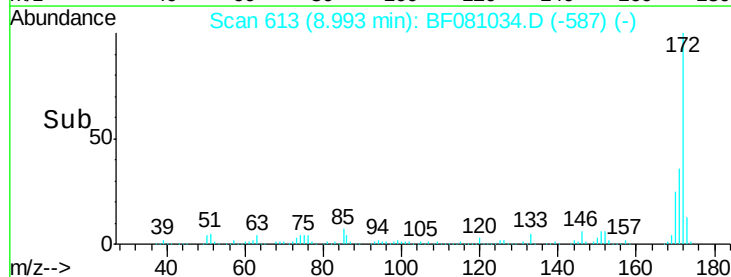
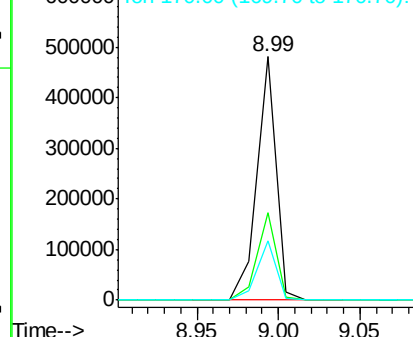


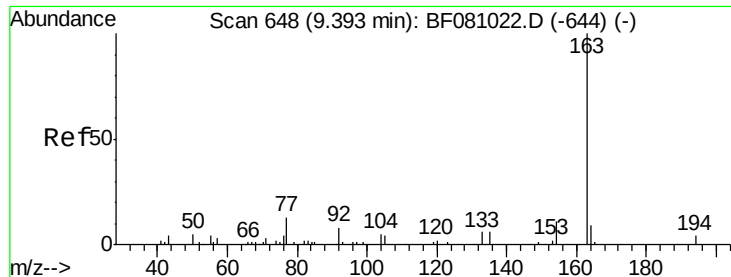
#44
 2-Fluorobiphenyl
 Concen: 57.82 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081034.D
 Acq: 18 Aug 2015 7:25

Tgt Ion:172 Resp: 394734
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.6 19.4 29.2



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: 12.76 ng

RT: 9.39 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF081034.D

Acq: 18 Aug 2015 7:25

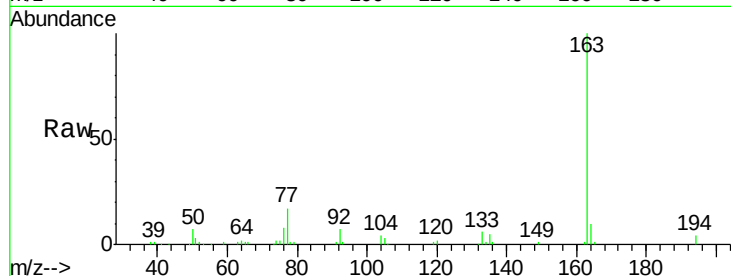
Instrument :

BNA_F

ClientSampleId :

2A(0-2)-5

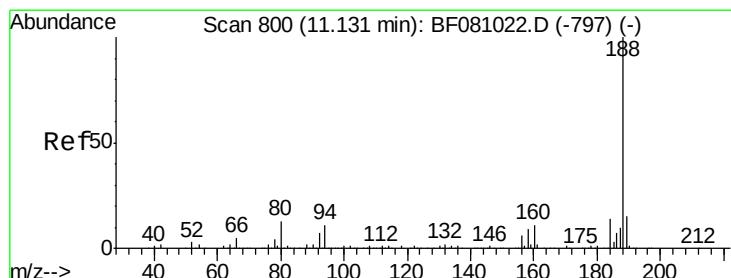
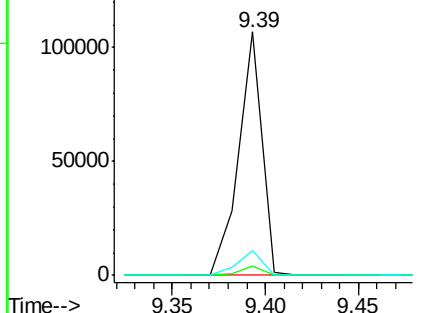
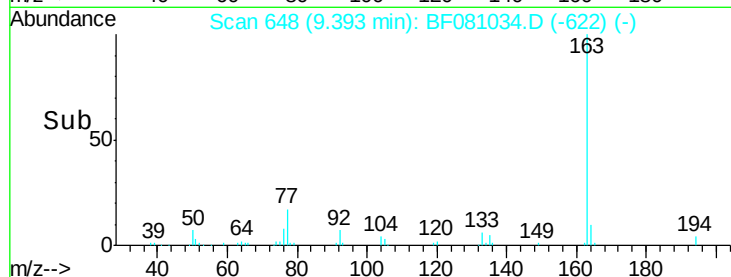
Tgt Ion:163	Resp:	94038
Ion Ratio	Lower	Upper
163	100	
194	3.8	2.5 3.7#
164	9.9	8.1 12.1



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

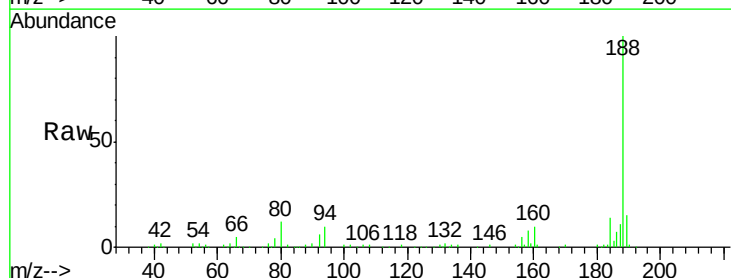
RT: 11.13 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF081034.D

Acq: 18 Aug 2015 7:25

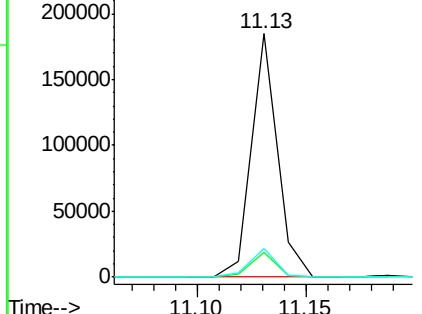
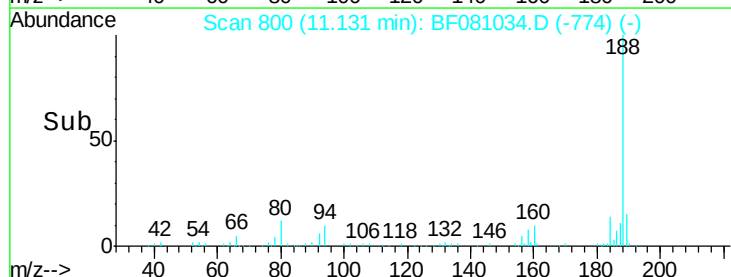
Tgt Ion:188	Resp:	153846
Ion Ratio	Lower	Upper
188	100	
94	10.3	8.2 12.2
80	11.8	9.5 14.3

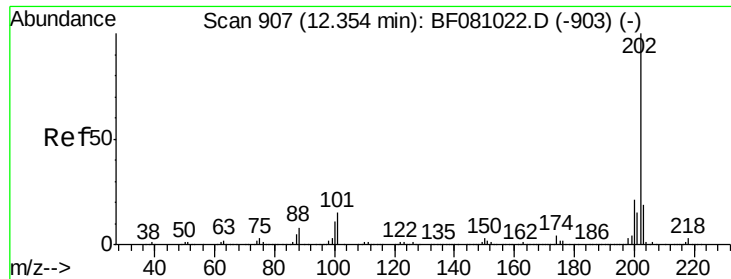


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.59 ng

RT: 12.33 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF081034.D

Acq: 18 Aug 2015 7:25

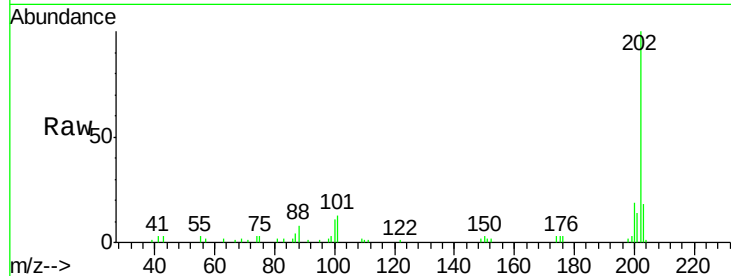
Instrument :

BNA_F

ClientSampleId :

2A(0-2)-5

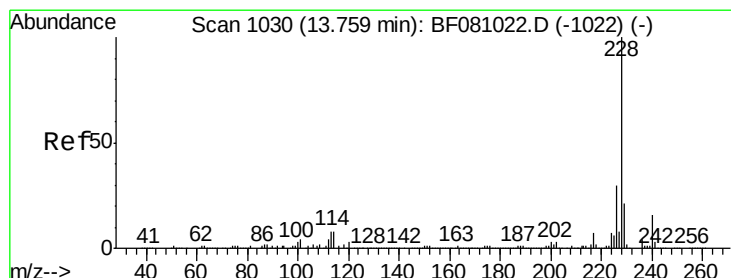
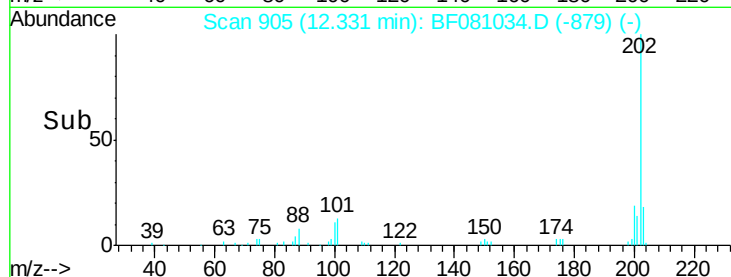
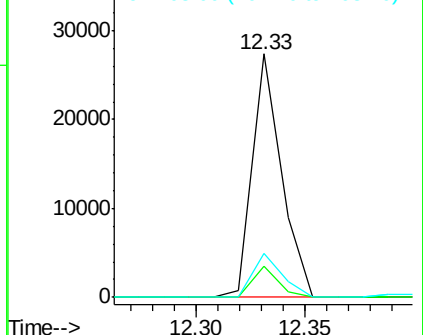
Tgt Ion:	202	Resp:	25503
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	24.8
203	18.0	0.0	36.9



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



#75

Chrysene-d12

Concen: 20.00 ng

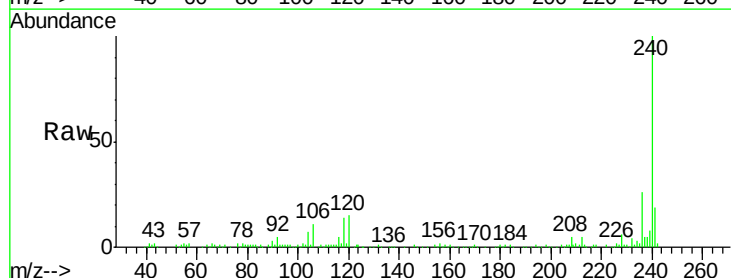
RT: 13.75 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF081034.D

Acq: 18 Aug 2015 7:25

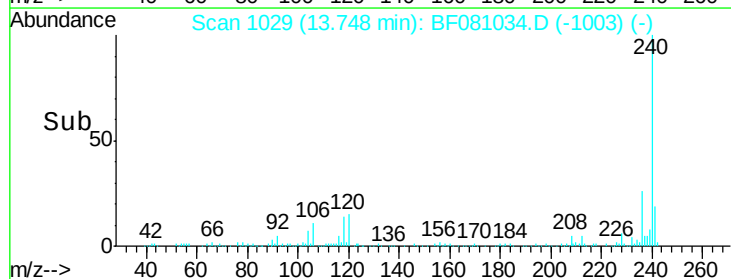
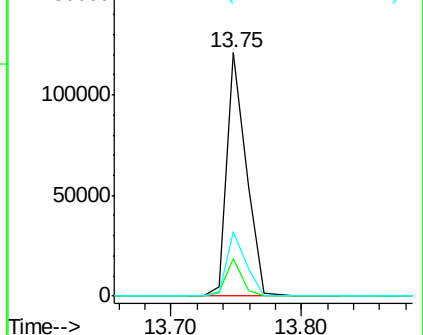
Tgt Ion:	240	Resp:	125084
Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.6	8.4#
236	26.2	20.6	30.8

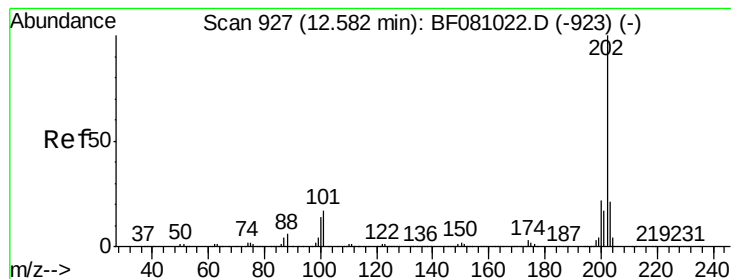


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 2.38 ng

RT: 12.56 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF081034.D

Acq: 18 Aug 2015 7:25

Instrument :

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2A(0-2)-5

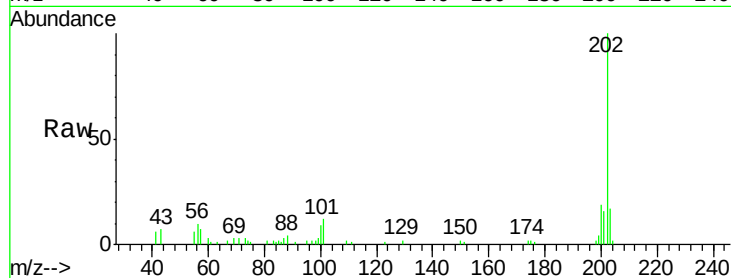
Tgt Ion:202 Resp: 24251

Ion Ratio Lower Upper

202 100

200 19.0 16.6 24.8

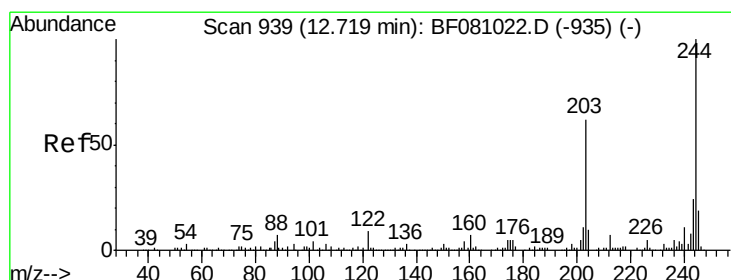
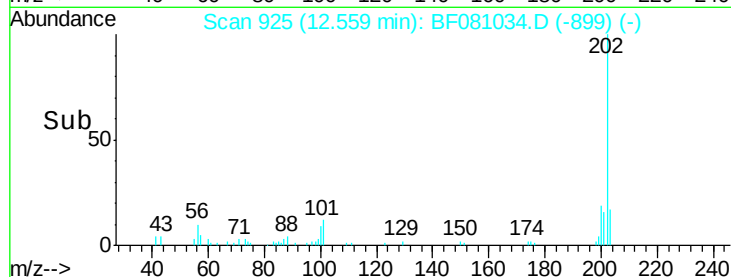
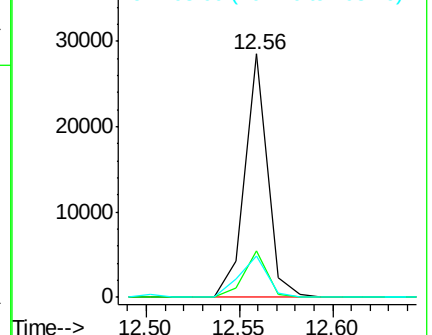
203 16.9 14.1 21.1



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: 50.98 ng

RT: 12.72 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF081034.D

Acq: 18 Aug 2015 7:25

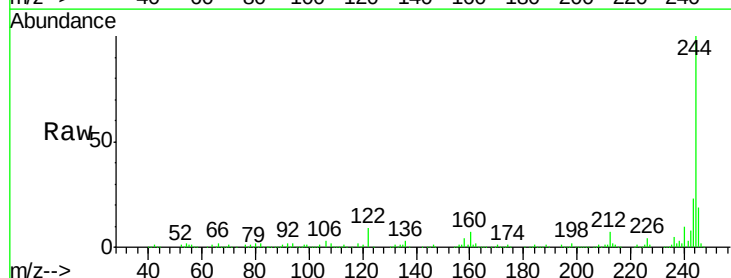
Tgt Ion:244 Resp: 297467

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

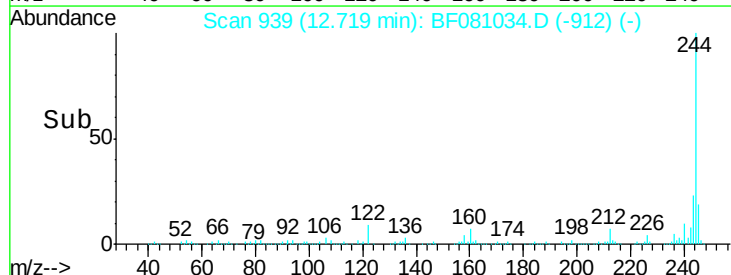
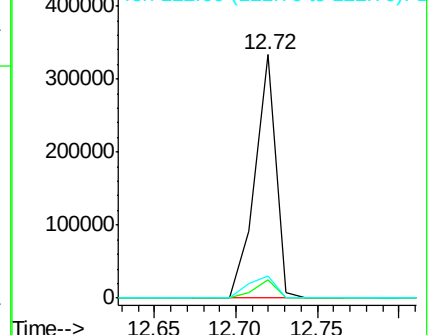
122 9.2 8.2 12.4

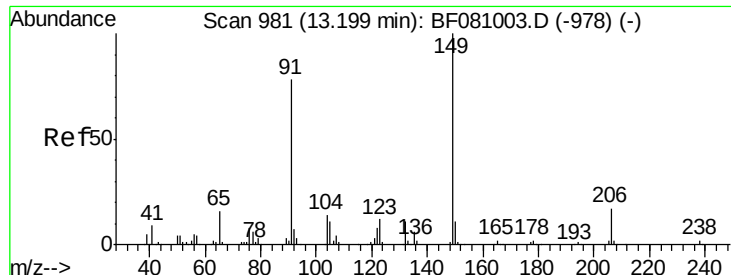


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

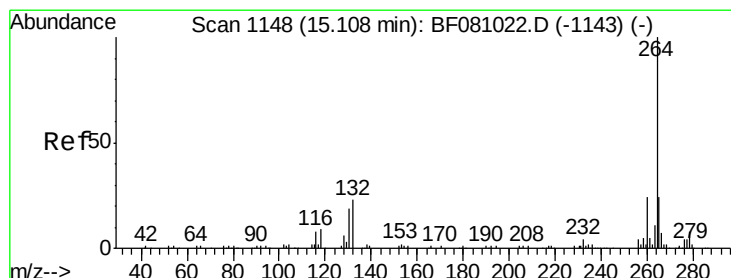
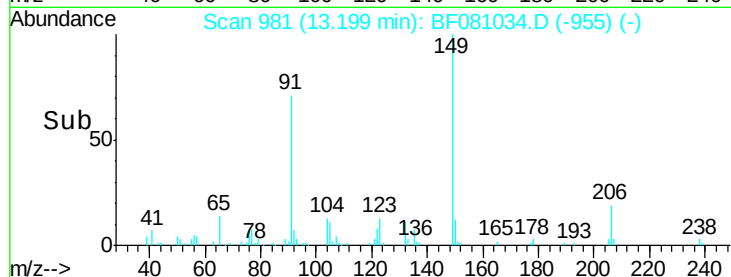
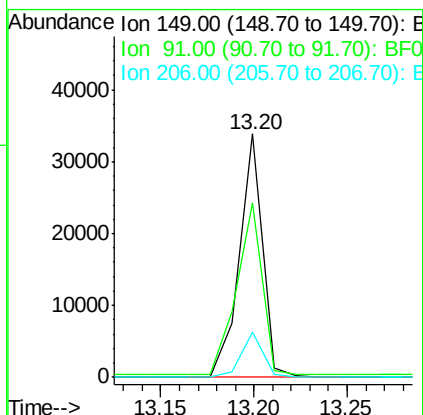
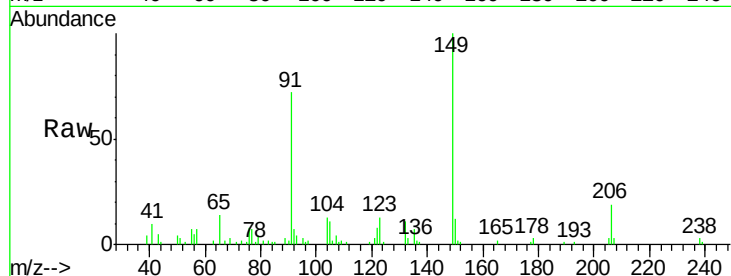




#79
Butylbenzylphthalate
Concen: 6.77 ng
RT: 13.20 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF081034.D
Acq: 18 Aug 2015 7:25

Instrument :
BNA_F
ClientSampleId :
2A(0-2)-5

Tgt Ion:149 Resp: 29604
Ion Ratio Lower Upper
149 100
91 71.8 46.9 70.3#
206 18.8 17.0 25.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF081034.D
Acq: 18 Aug 2015 7:25

Tgt Ion:264 Resp: 89180
Ion Ratio Lower Upper
264 100
260 23.9 19.6 29.4
265 21.8 17.5 26.3

