

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031215\
 Data File : BF077732.D
 Acq On : 12 Mar 2015 17:58
 Operator : TP/IZ
 Sample : G1509-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0122

Quant Time: Mar 13 00:11:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 13 00:57:09 2015
 Response via : Initial Calibration

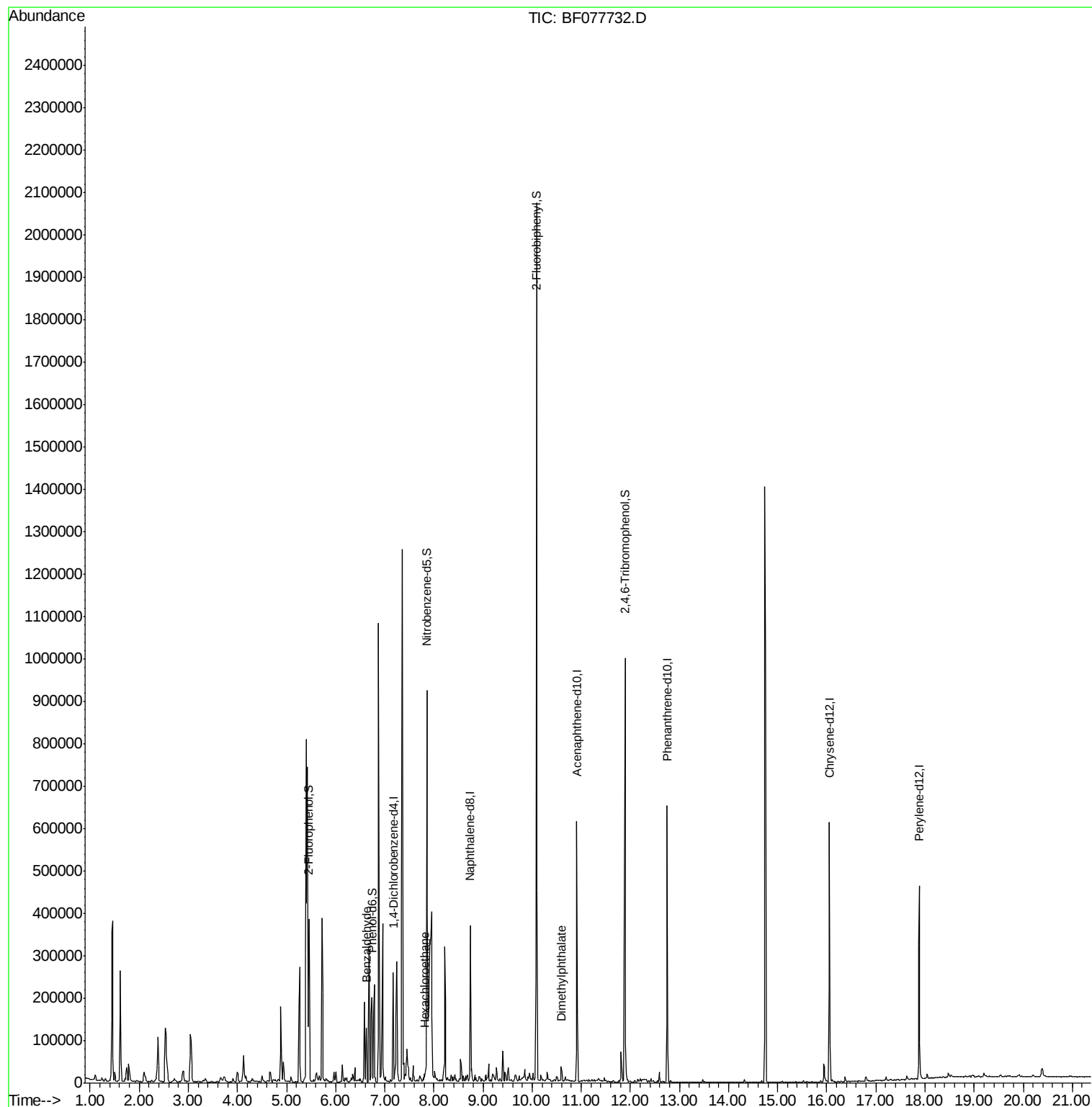
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	57085	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	230520	20.00	ng	-0.01
38) Acenaphthene-d10	10.91	164	124543	20.00	ng	-0.01
63) Phenanthrene-d10	12.75	188	245686	20.00	ng	-0.01
75) Chrysene-d12	16.05	240	247598	20.00	ng	-0.11
86) Perylene-d12	17.88	264	236183	20.00	ng	-0.31
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	141452	43.25	ng	0.00
7) Phenol-d6	6.74	99	98425	24.36	ng	0.00
23) Nitrobenzene-d5	7.86	82	293916	83.58	ng	-0.01
41) 2,4,6-Tribromophenol	11.89	330	135232	113.49	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	665317	78.51	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
9) Benzaldehyde	6.62	77	4329	2.62	ng	# 1
18) Hexachloroethane	7.82	117	4093	2.77	ng	# 8
49) Dimethylphthalate	10.59	163	18640	2.02	ng	97

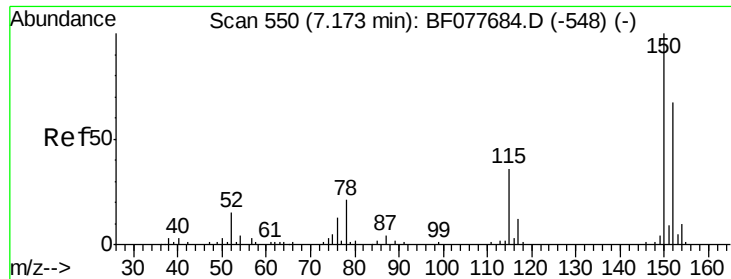
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 00:57:09 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077732.D

Acq: 12 Mar 2015 17:58

Instrument :

BNA_F

ClientSampleId :

Z2-0122

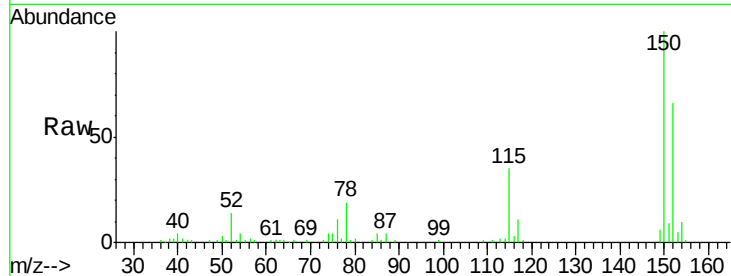
Tgt Ion:152 Resp: 57085

Ion Ratio Lower Upper

152 100

150 151.7 119.5 179.3

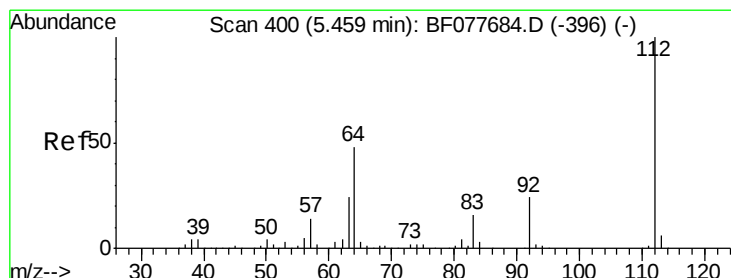
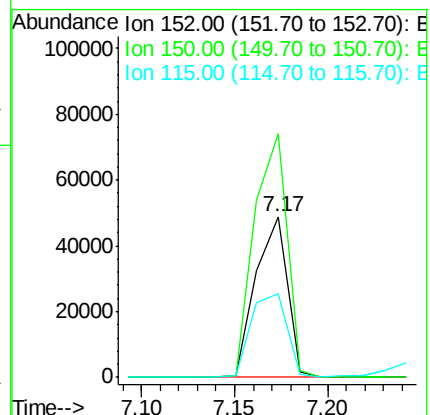
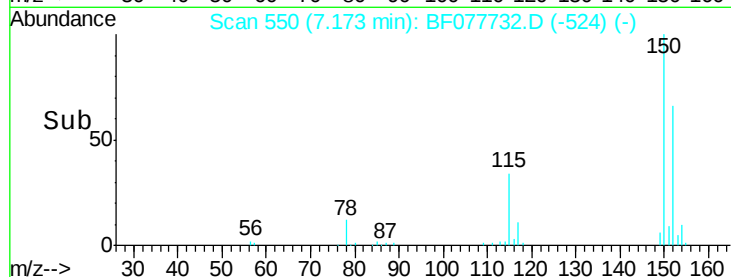
115 52.4 43.0 64.4



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: 43.25 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077732.D

Acq: 12 Mar 2015 17:58

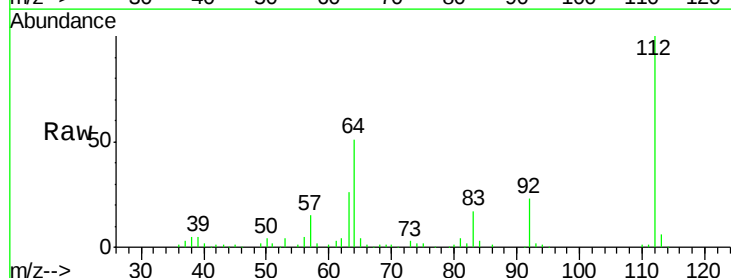
Tgt Ion:112 Resp: 141452

Ion Ratio Lower Upper

112 100

64 51.0 38.6 57.8

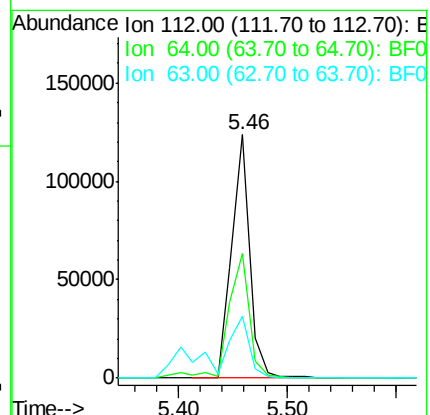
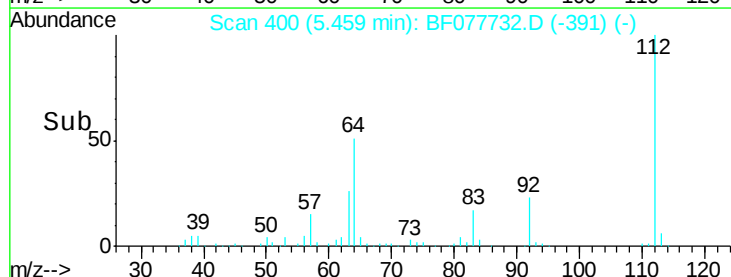
63 25.6 19.3 28.9

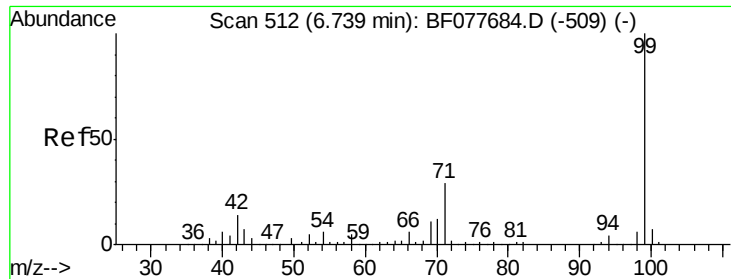


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 24.36 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077732.D

Acq: 12 Mar 2015 17:58

Instrument :

BNA_F

ClientSampleId :

Z2-0122

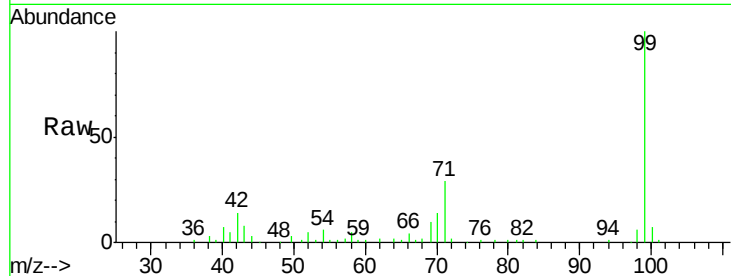
Tgt Ion: 99 Resp: 98425

Ion Ratio Lower Upper

99 100

42 13.9 11.0 16.4

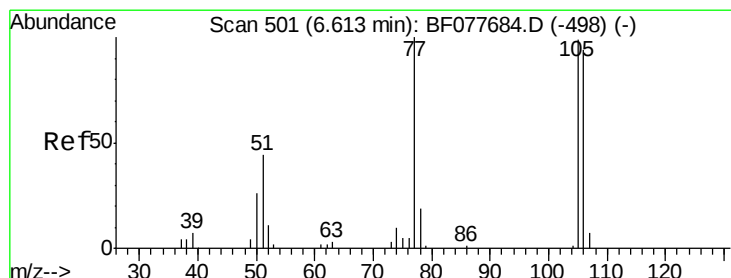
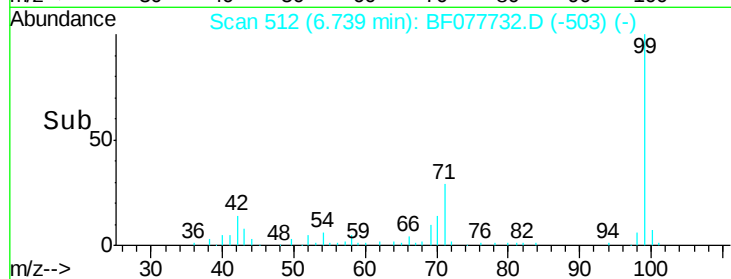
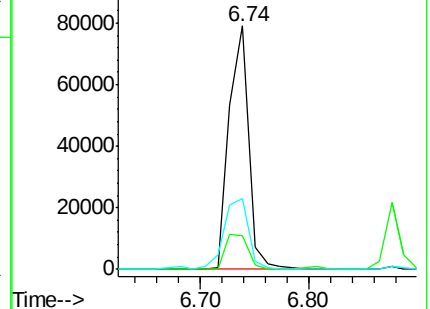
71 29.2 23.4 35.2



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



#9

Benzaldehyde

Concen: 2.62 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF077732.D

Acq: 12 Mar 2015 17:58

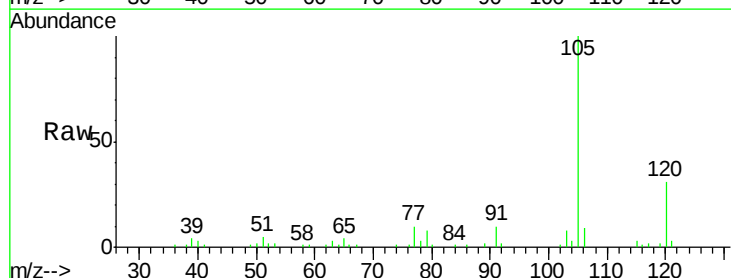
Tgt Ion: 77 Resp: 4329

Ion Ratio Lower Upper

77 100

105 965.1 78.8 118.8#

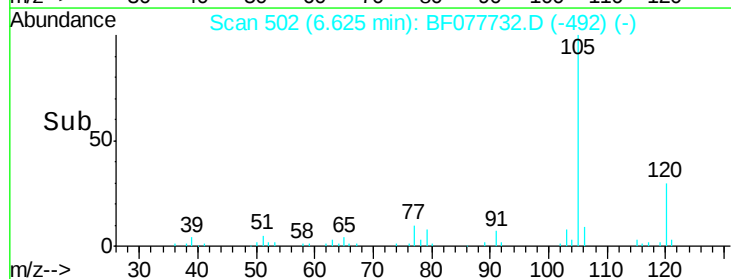
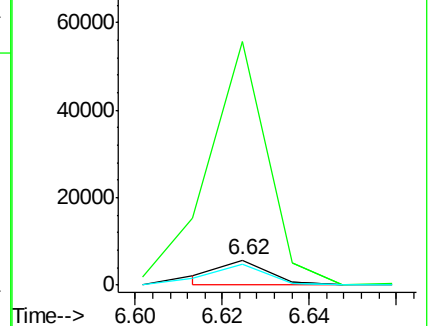
106 84.0 73.7 113.7

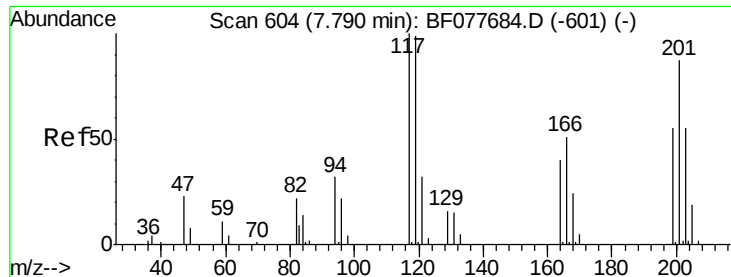


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

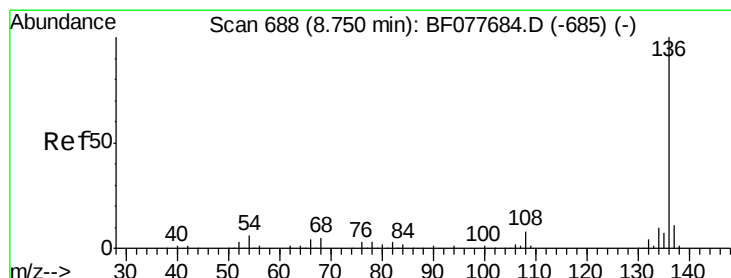
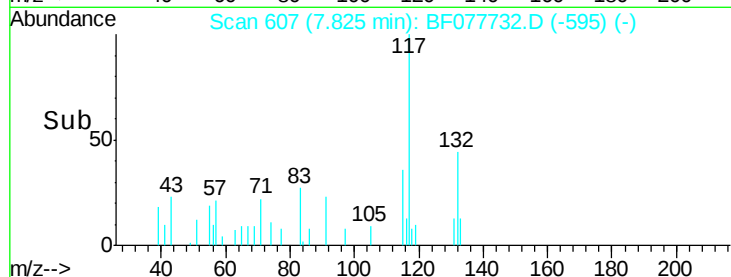
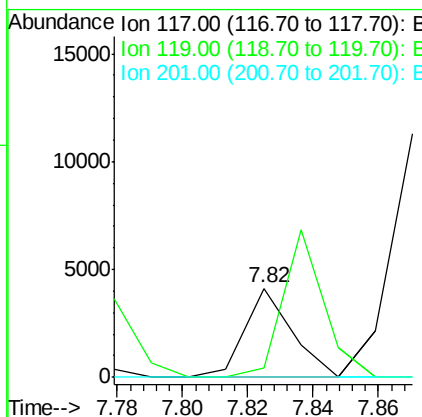
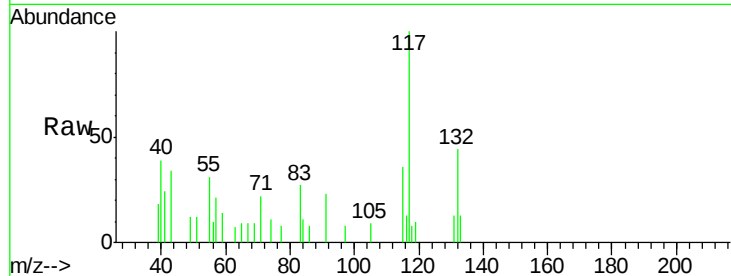




#18
Hexachloroethane
Concen: 2.77 ng
RT: 7.82 min Scan# 607
Delta R.T. 0.03 min
Lab File: BF077732.D
Acq: 12 Mar 2015 17:58

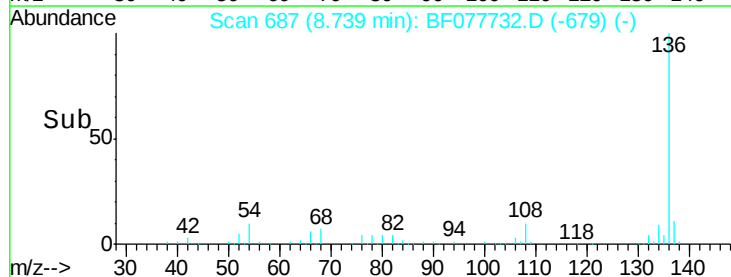
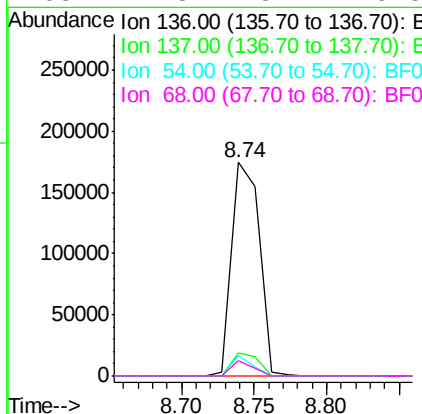
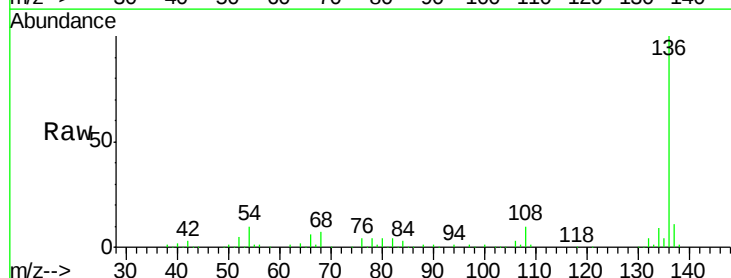
Instrument :
BNA_F
ClientSampled :
Z2-0122

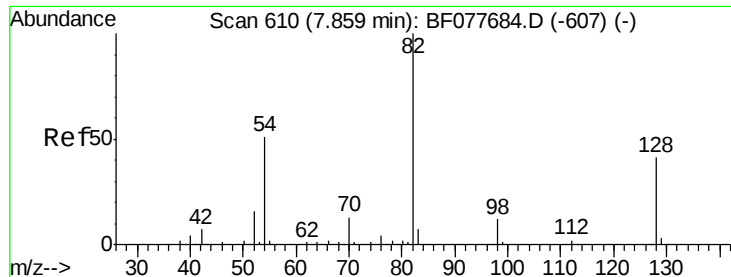
Tgt Ion:117 Resp: 4093
Ion Ratio Lower Upper
117 100
119 10.1 79.2 118.8#
201 0.0 69.8 104.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF077732.D
Acq: 12 Mar 2015 17:58

Tgt Ion:136 Resp: 230520
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.7 4.6 6.8#
68 7.3 3.7 5.5#

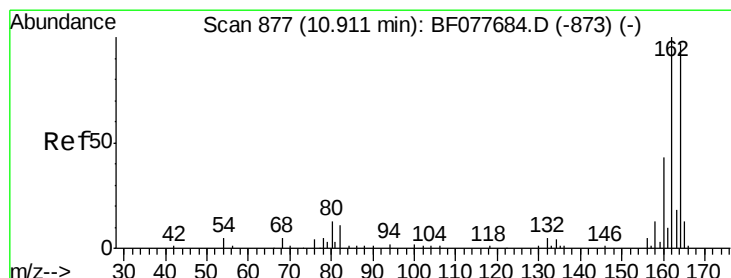
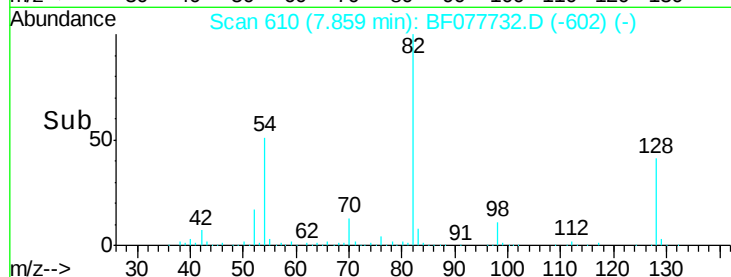
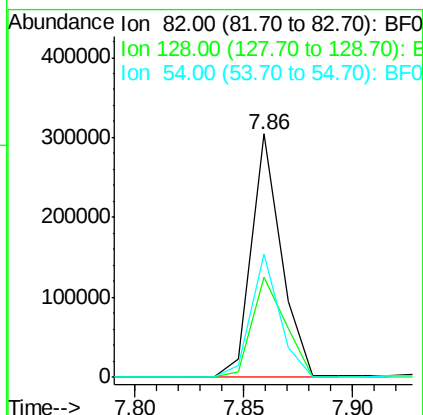
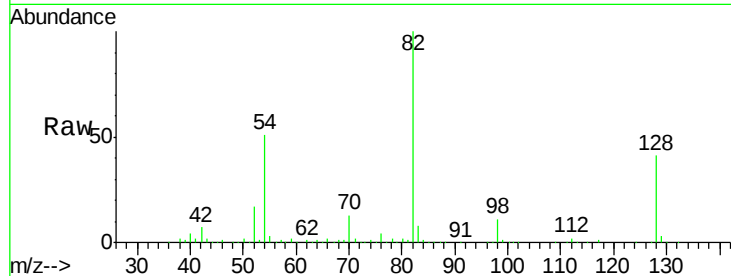




#23
 Nitrobenzene-d5
 Concen: 83.58 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF077732.D
 Acq: 12 Mar 2015 17:58

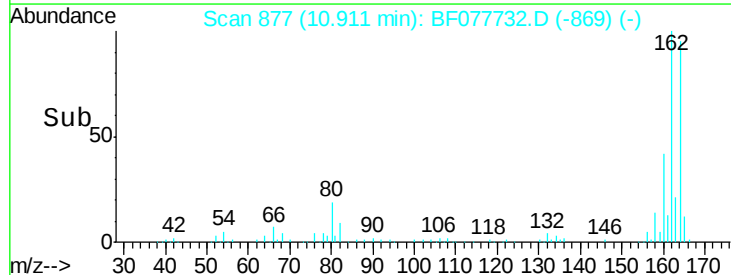
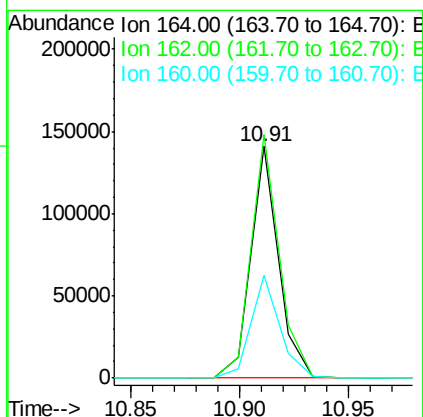
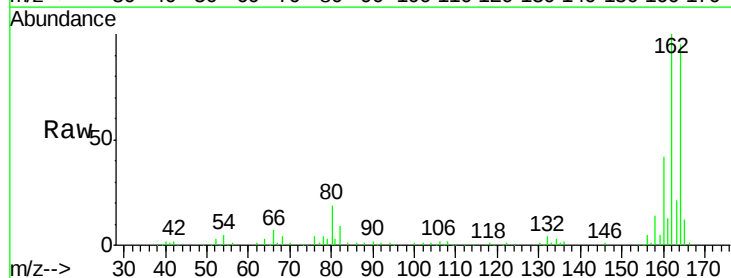
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0122

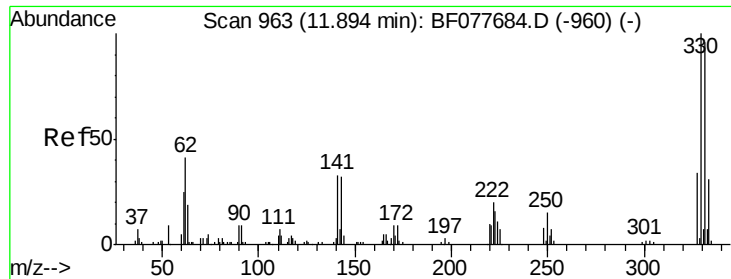
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	50.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF077732.D
 Acq: 12 Mar 2015 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.4	123.6
160	44.4	35.8	53.6

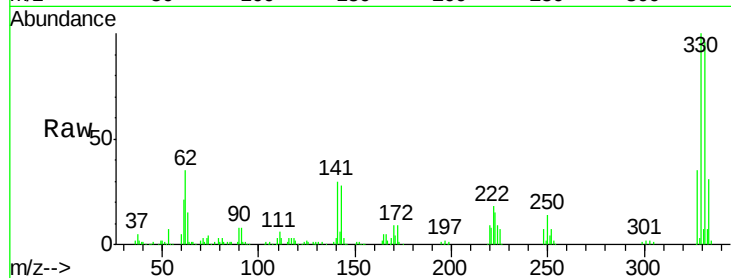




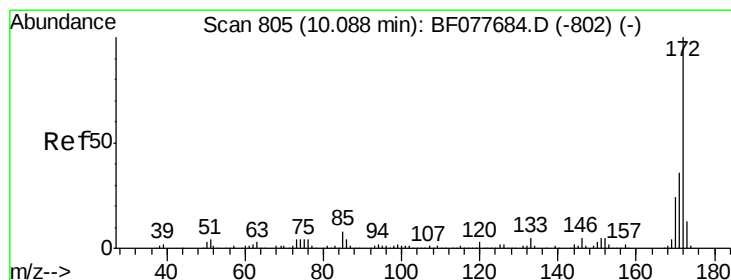
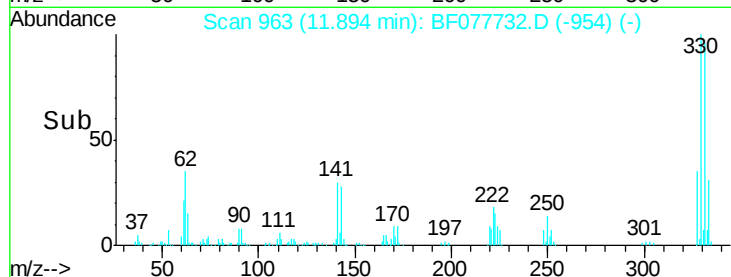
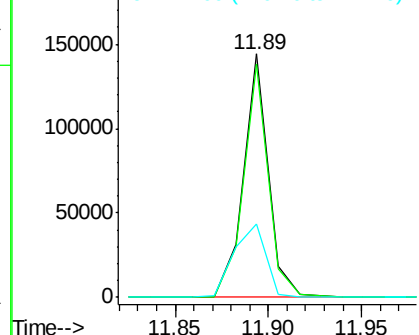
#41
 2,4,6-Tribromophenol
 Concen: 113.49 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF077732.D
 Acq: 12 Mar 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0122

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	38.5	0.0	0.0#

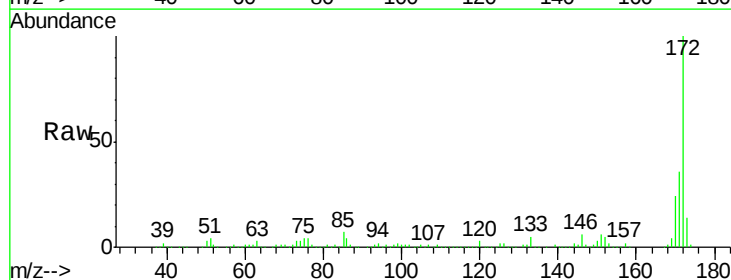


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

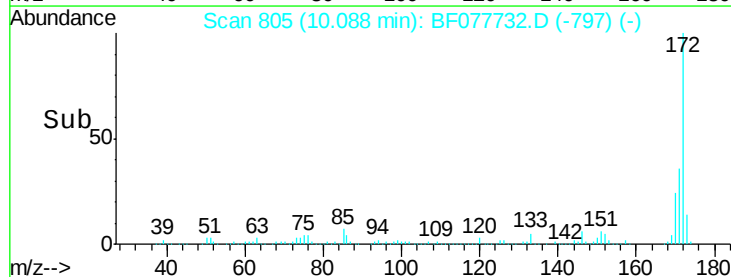
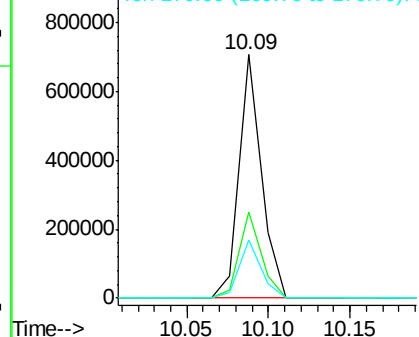


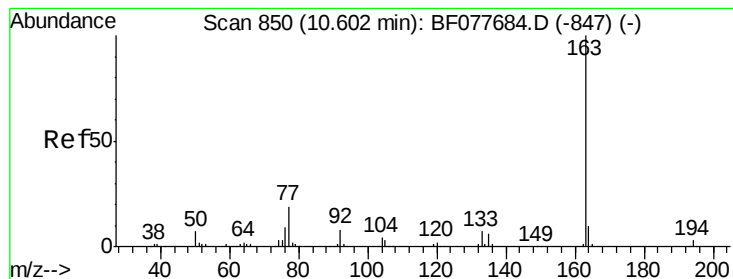
#44
 2-Fluorobiphenyl
 Concen: 78.51 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF077732.D
 Acq: 12 Mar 2015 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.0	18.8	28.2



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: 2.02 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077732.D

Acq: 12 Mar 2015 17:58

Instrument :

BNA_F

ClientSampleId :

Z2-0122

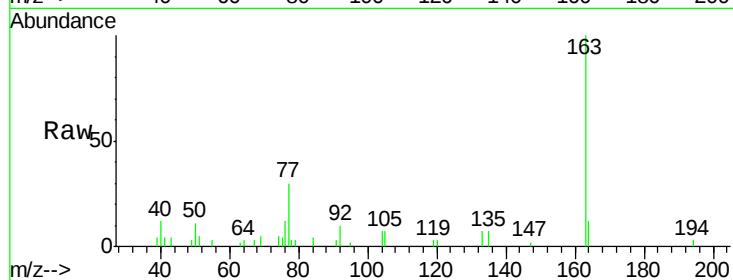
Tgt Ion:163 Resp: 18640

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

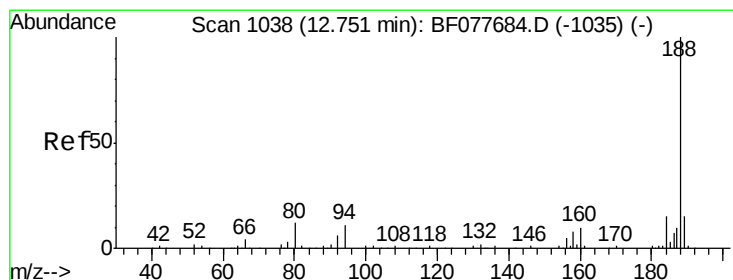
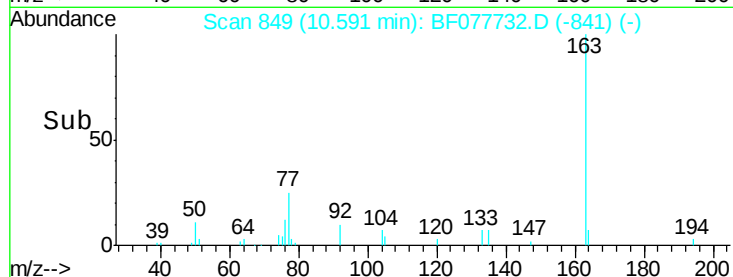
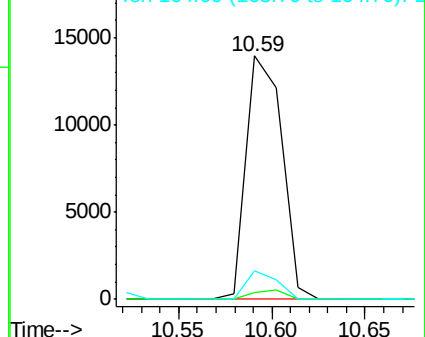
164 11.6 8.2 12.2



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: 12.75 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF077732.D

Acq: 12 Mar 2015 17:58

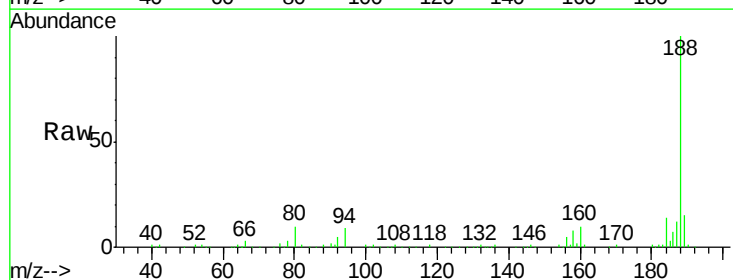
Tgt Ion:188 Resp: 245686

Ion Ratio Lower Upper

188 100

94 9.0 8.7 13.1

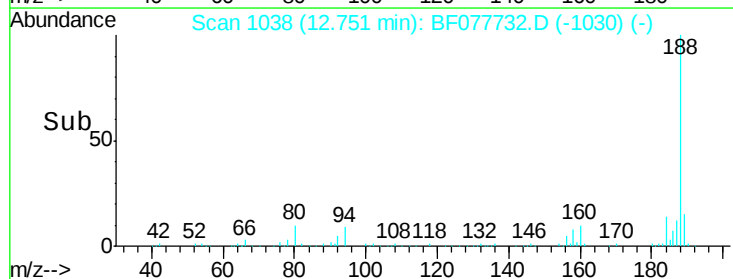
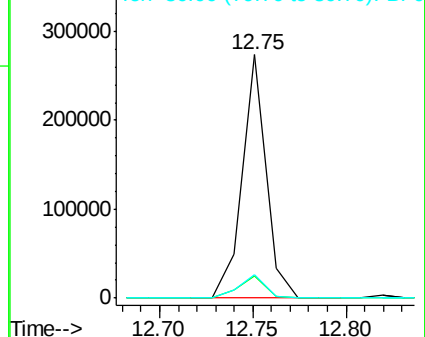
80 9.8 9.3 13.9

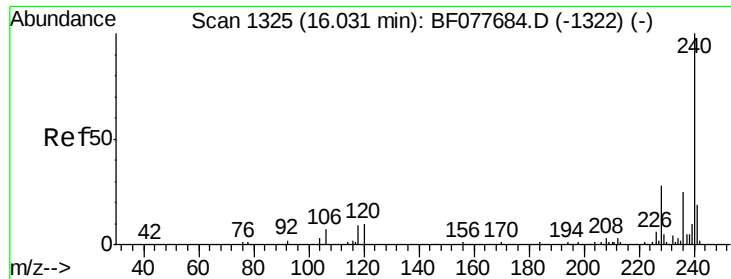


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

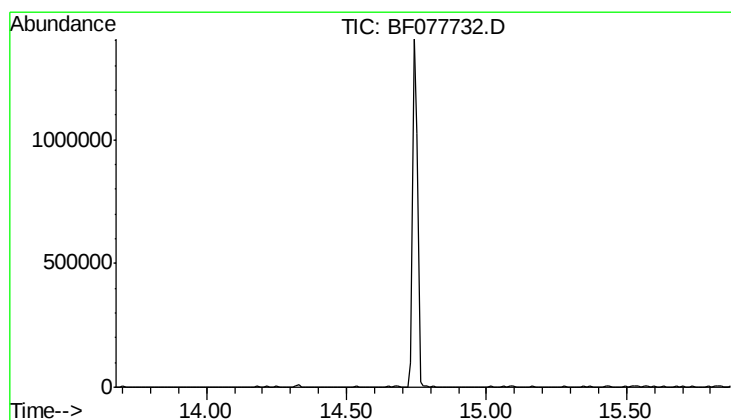
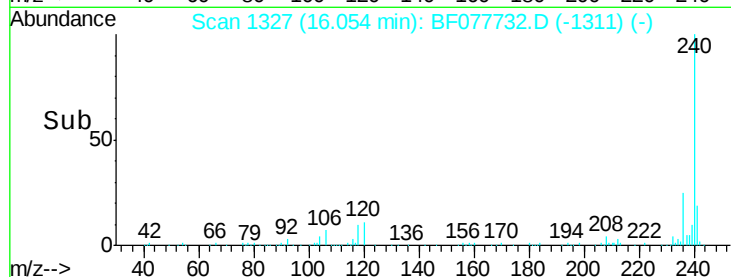
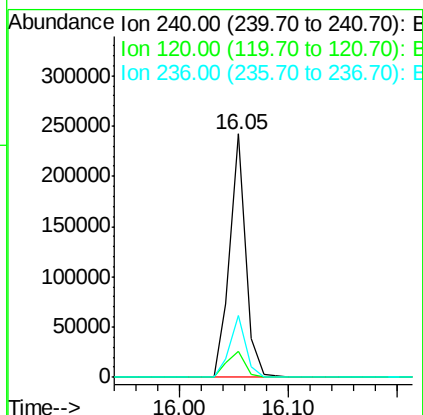
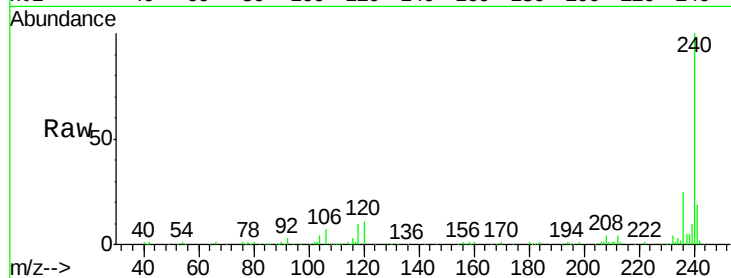




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.05 min Scan# 1327
Delta R.T. -0.11 min
Lab File: BF077732.D
Acq: 12 Mar 2015 17:58

Instrument :
BNA_F
ClientSampleId :
Z2-0122

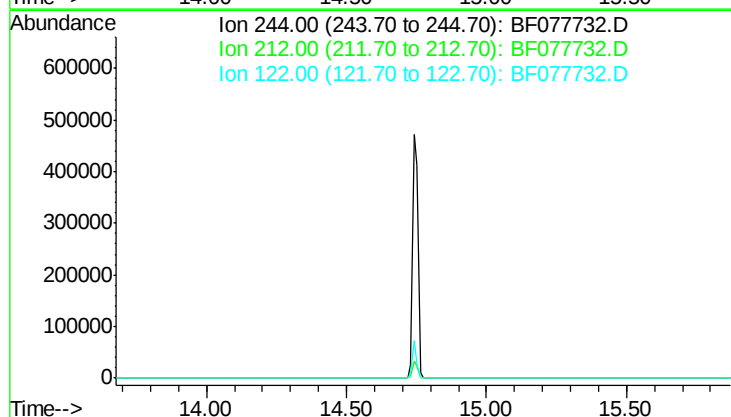
Tgt Ion: 240 Resp: 247598
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.5 20.0 30.0

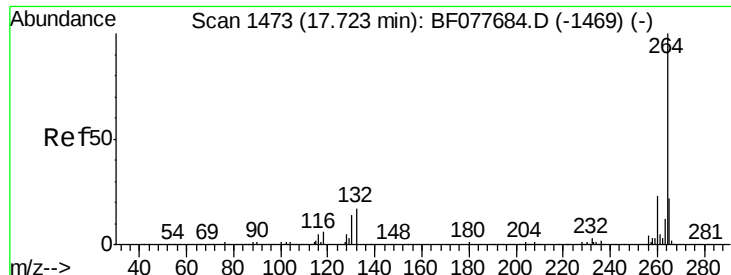


#78
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 14.77 min

Lab File: BF077732.D
Acq: 12 Mar 2015 17:58

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.1
122 7.8





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.88 min Scan# 1487

Delta R.T. -0.31 min

Lab File: BF077732.D

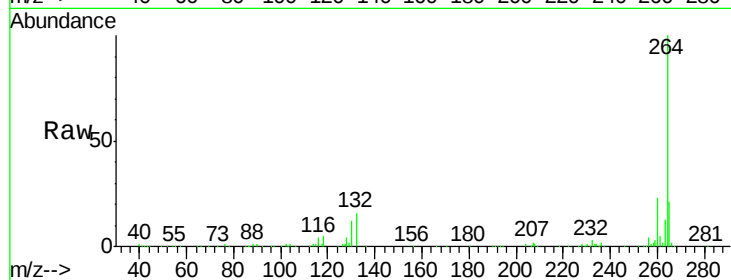
Acq: 12 Mar 2015 17:58

Instrument :

BNA_F

ClientSampleId :

Z2-0122



Tgt Ion: 264 Resp: 236183

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.3 17.3 25.9

