

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076926.D
 Acq On : 19 Jan 2015 13:04
 Operator : IZ / TP
 Sample : G1101-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 00:21:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

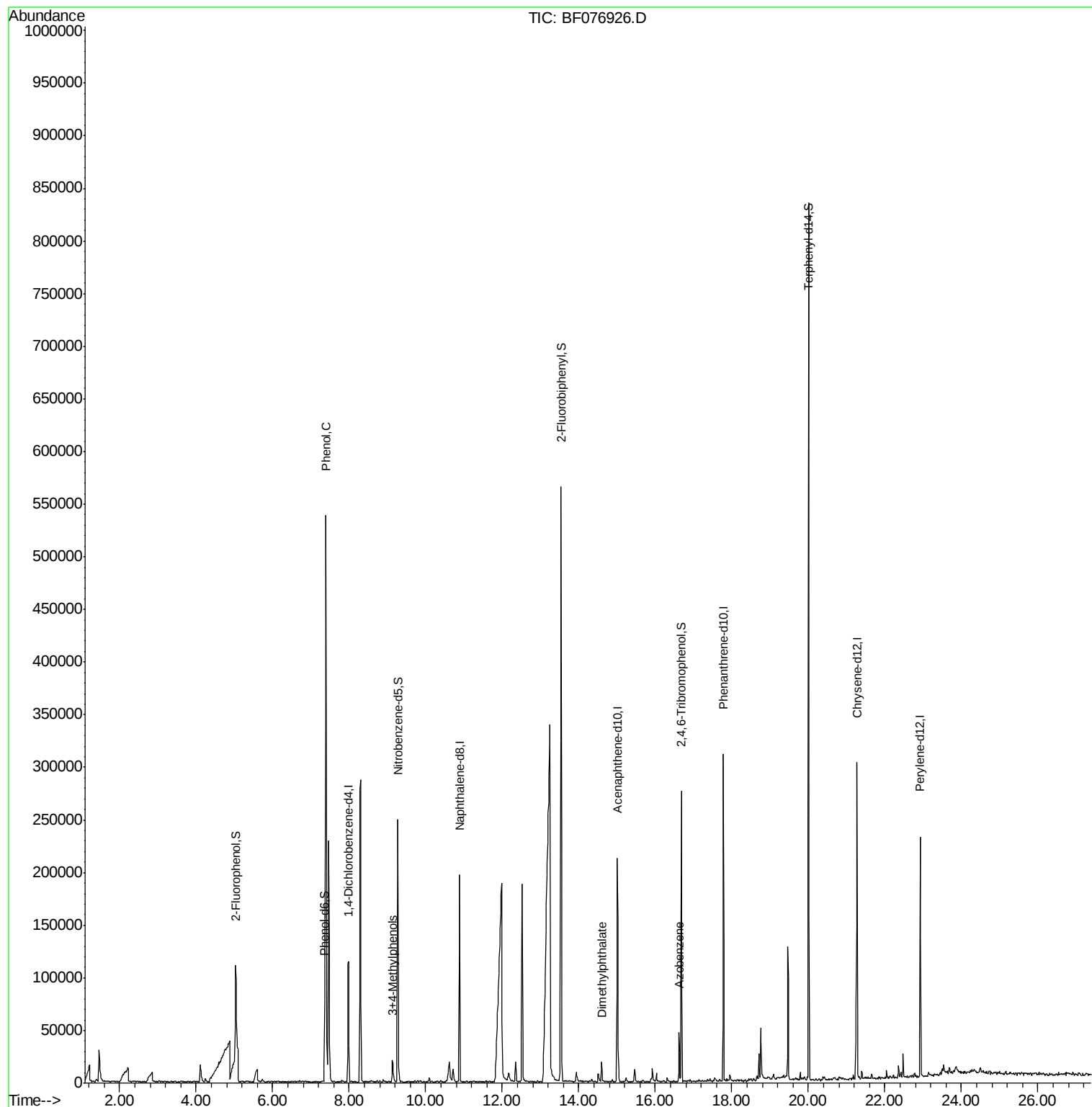
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	34183	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	150746	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	81265	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	134423	20.00	ng	0.00
75) Chrysene-d12	21.27	240	117539	20.00	ng	0.00
86) Perylene-d12	22.92	264	105708	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	48347	23.25	ng	0.00
7) Phenol-d6	7.36	99	37308	14.22	ng	-0.01
23) Nitrobenzene-d5	9.27	82	137848	50.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	34077	51.66	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	282023	52.81	ng	0.00
78) Terphenyl-d14	20.00	244	286244	56.07	ng	0.00
Target Compounds						
10) Phenol	7.40	94	276763	99.38	ng	94
20) 3+4-Methylphenols	9.13	107	11601	4.47	ng	90
49) Dimethylphthalate	14.60	163	14031	2.43	ng	# 90
62) Azobenzene	16.62	77	12712	2.09	ng	# 1

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

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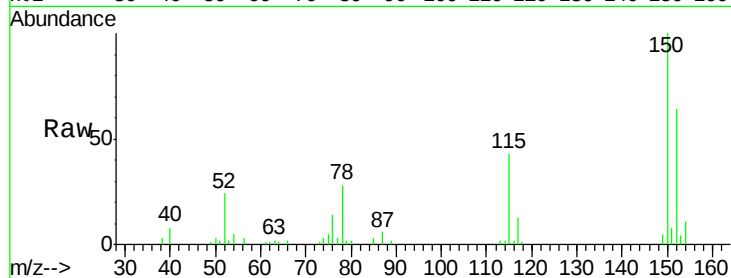


#1

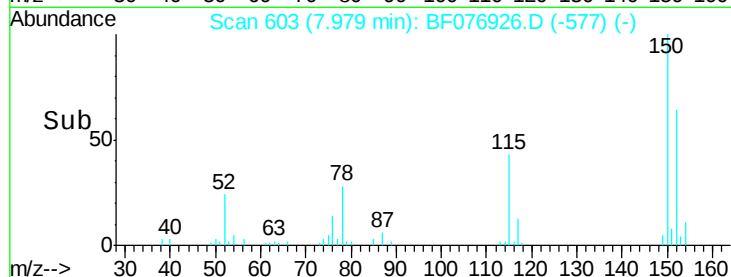
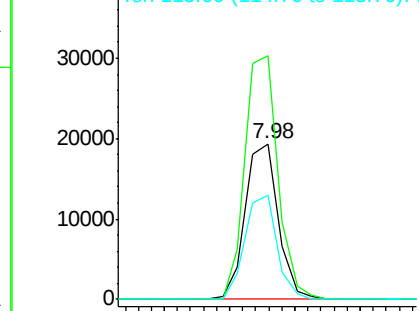
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF076926.D
Acq: 19 Jan 2015 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 34183
Ion Ratio Lower Upper
152 100
150 156.8 121.7 182.5
115 67.2 47.0 70.6



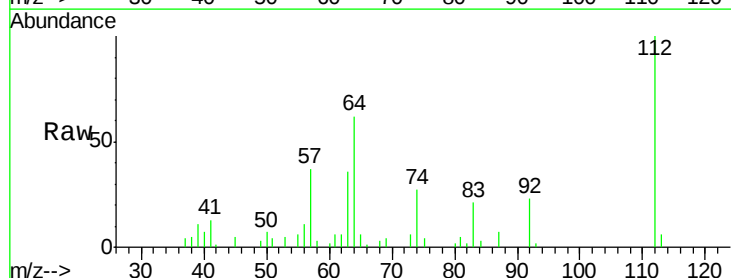
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



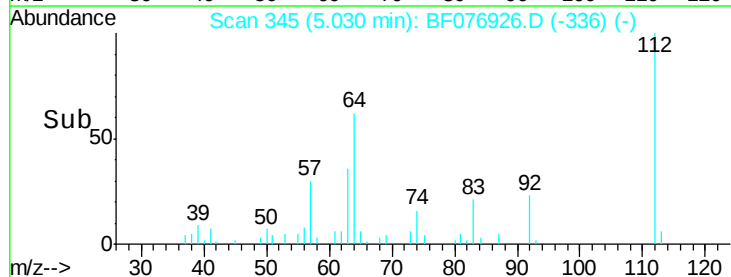
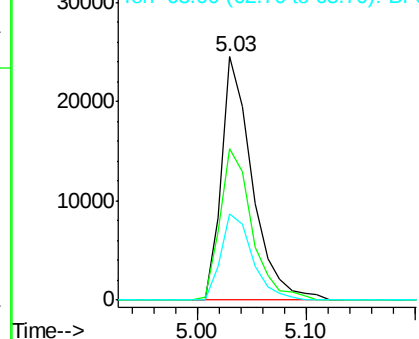
#5

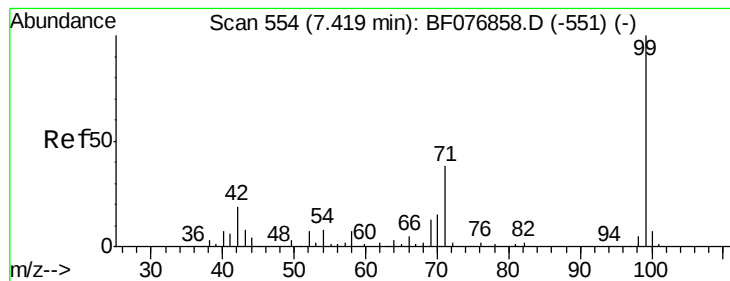
2-Fluorophenol
Concen: 23.25 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076926.D
Acq: 19 Jan 2015 13:04

Tgt Ion:112 Resp: 48347
Ion Ratio Lower Upper
112 100
64 62.3 54.2 81.4
63 35.6 28.4 42.6



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: 14.22 ng

RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF076926.D

Acq: 19 Jan 2015 13:04

Instrument :

BNA_F

ClientSampleId :

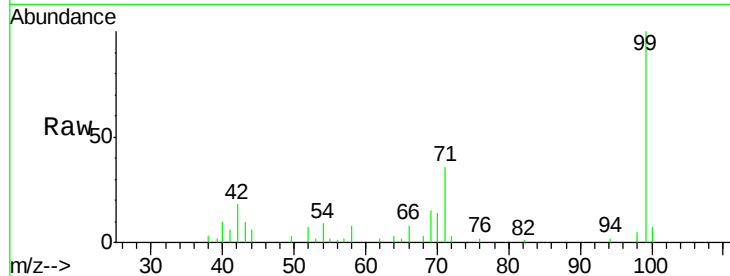
Tot Ion: 99 Resp: 37308

Ion Ratio Lower Upper

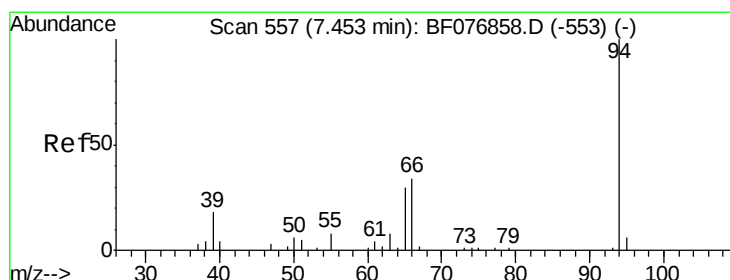
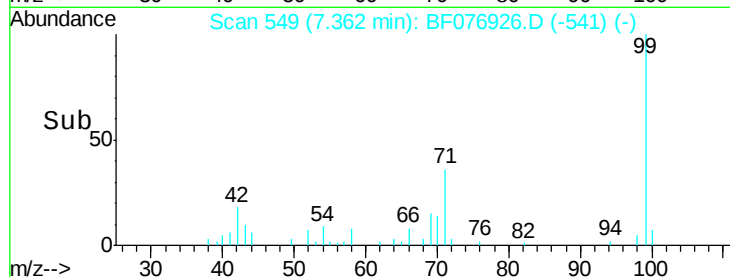
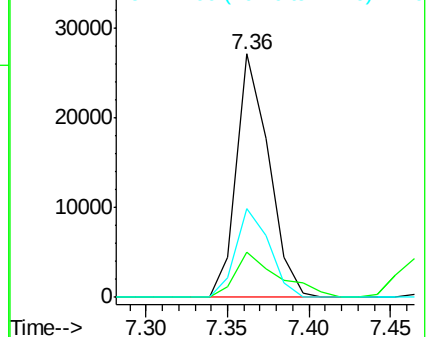
99 100

42 18.5 15.0 22.4

71 36.3 30.5 45.7



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



#10

Phenol

Concen: 99.38 ng

RT: 7.40 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF076926.D

Acq: 19 Jan 2015 13:04

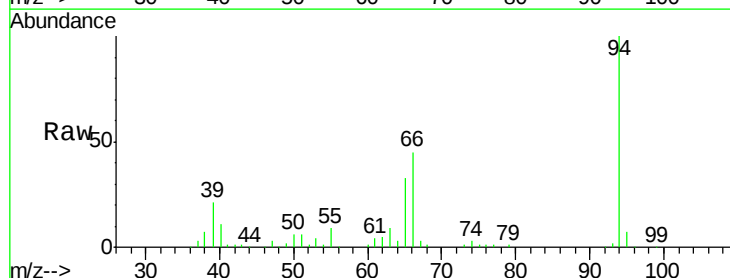
Tgt Ion: 94 Resp: 276763

Ion Ratio Lower Upper

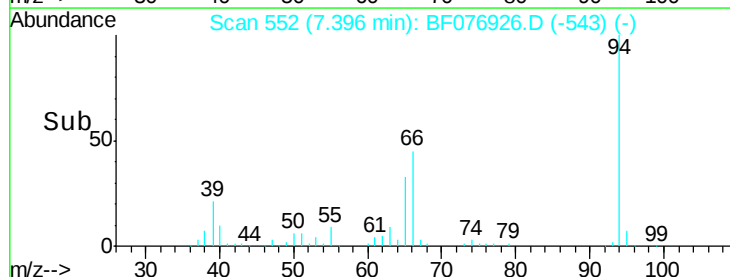
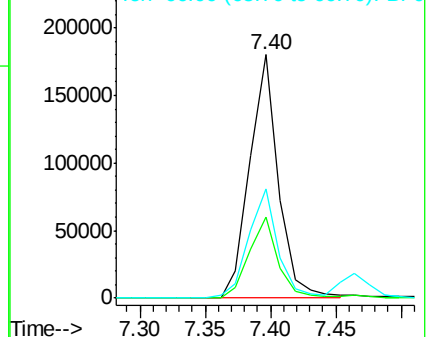
94 100

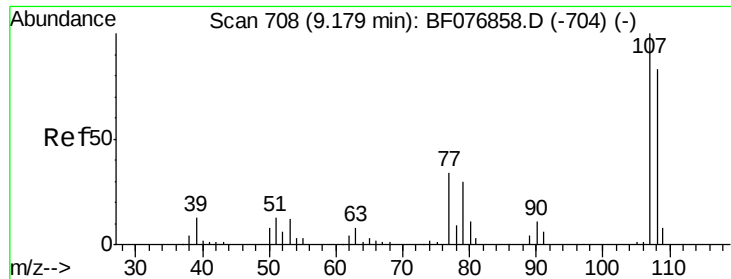
65 33.1 11.3 51.3

66 45.1 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#20

3+4-Methylphenols

Concen: 4.47 ng

RT: 9.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF076926.D

Acq: 19 Jan 2015 13:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 11601

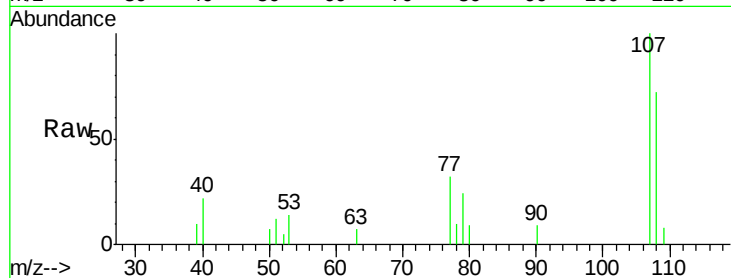
Ion Ratio Lower Upper

107 100

108 71.9 63.5 103.5

77 32.0 14.0 54.0

79 24.4 9.9 49.9

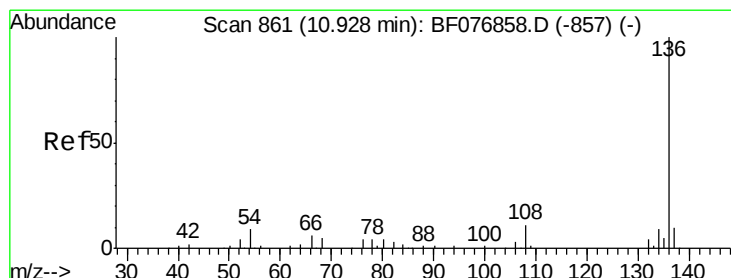
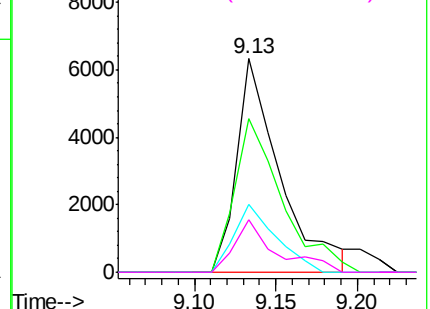
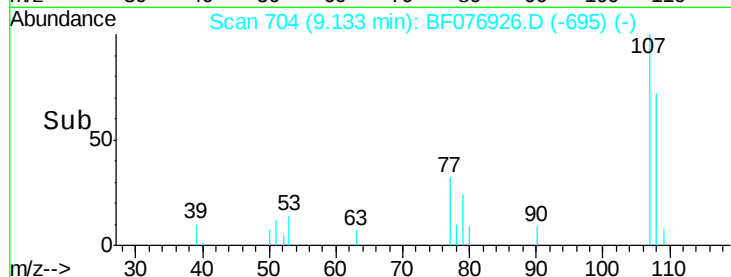


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF076926.D

Acq: 19 Jan 2015 13:04

Tgt Ion:136 Resp: 150746

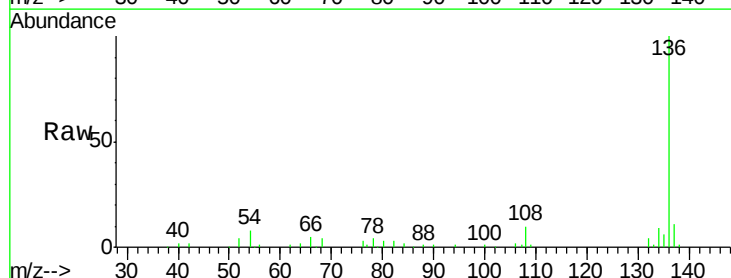
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 7.6 7.0 10.4

68 3.7 3.7 5.5#

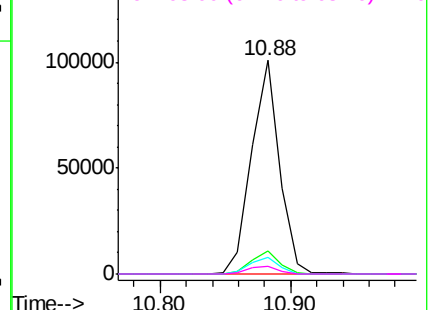
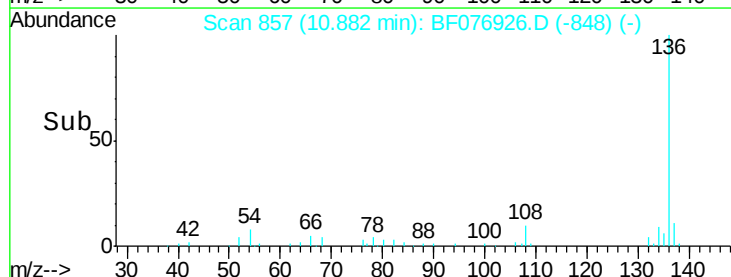


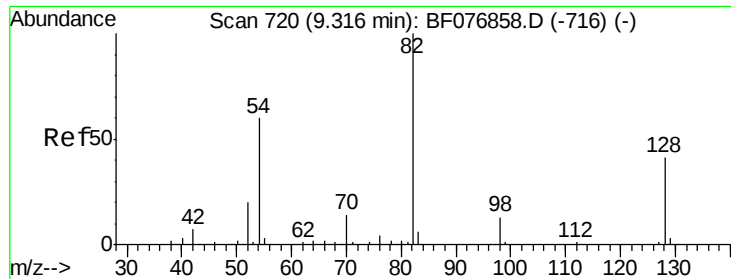
Abundance Ion 136.00 (135.70 to 136.70): E

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

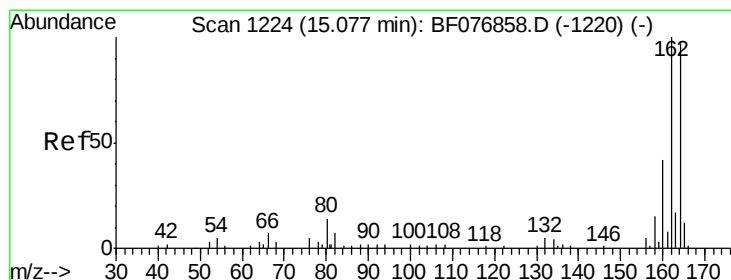
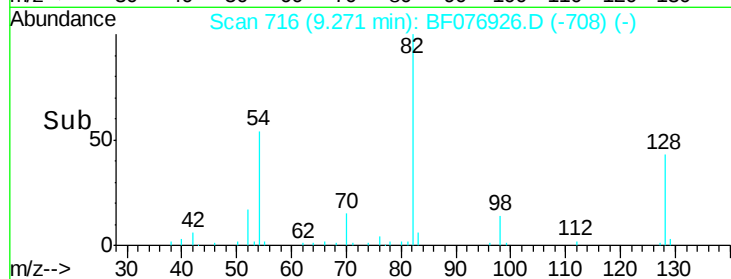
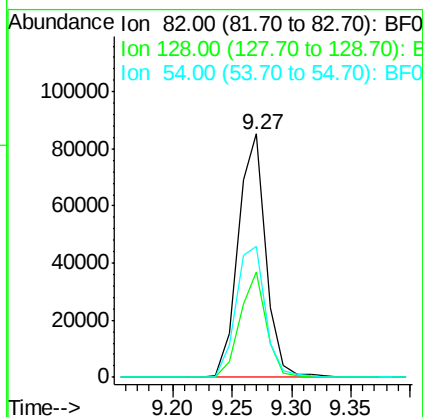
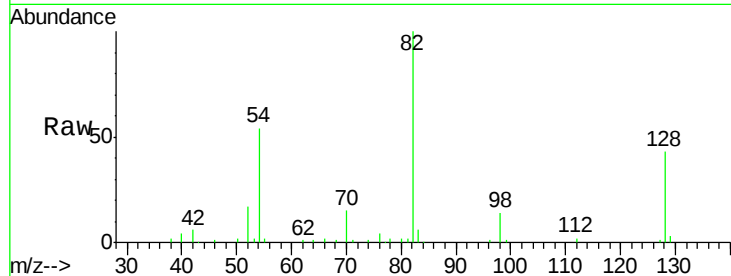




#23
 Nitrobenzene-d5
 Concen: 50.66 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF076926.D
 Acq: 19 Jan 2015 13:04

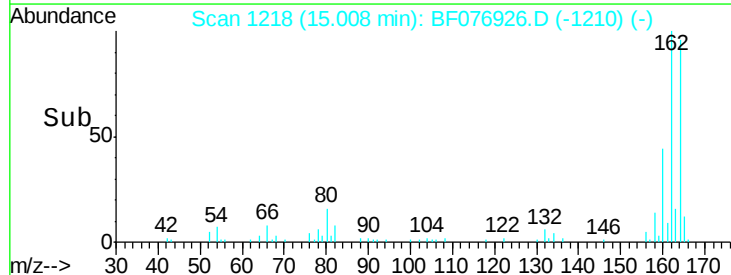
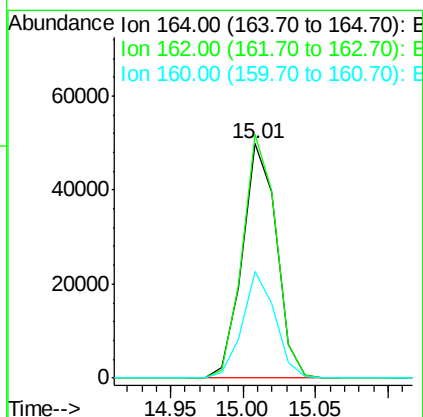
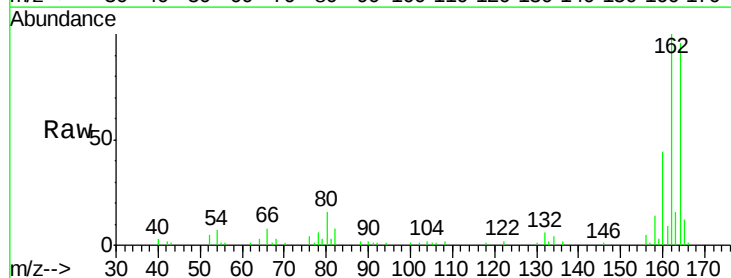
Instrument :
 BNA_F
 ClientSampleId :

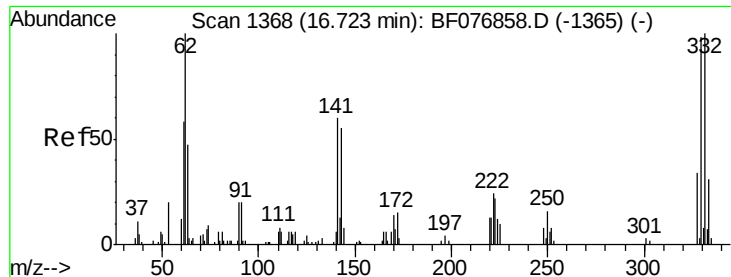
Tot Ion: 82 Resp: 137848
 Ion Ratio Lower Upper
 82 100
 128 43.4 33.1 49.7
 54 53.9 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF076926.D
 Acq: 19 Jan 2015 13:04

Tgt Ion:164 Resp: 81265
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.4 123.6
 160 45.5 34.8 52.2

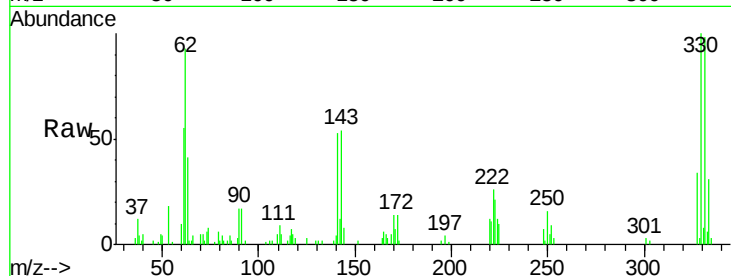




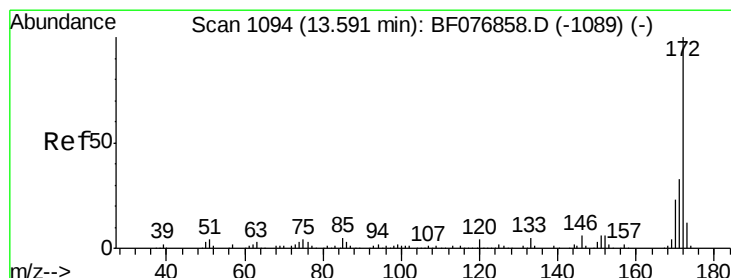
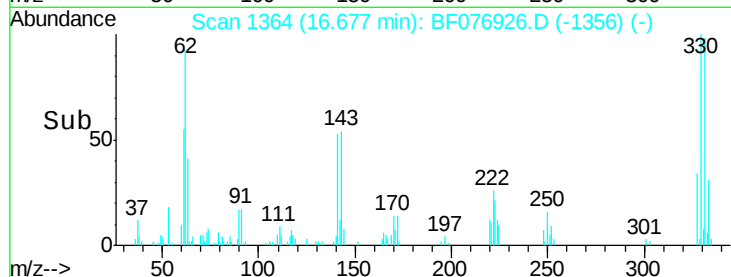
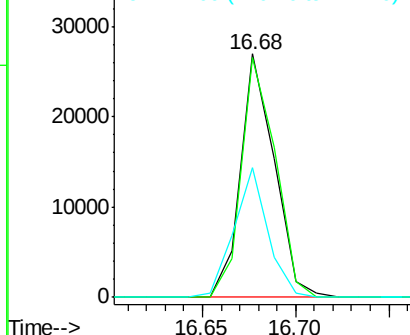
#41
 2,4,6-Tribromophenol
 Concen: 51.66 ng
 RT: 16.68 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF076926.D
 Acq: 19 Jan 2015 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 34077
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.8 116.6
 141 53.1 38.5 57.7

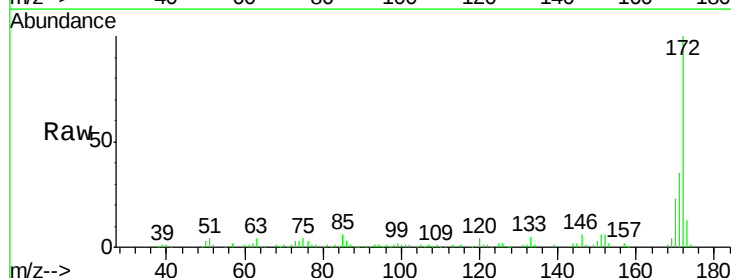


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

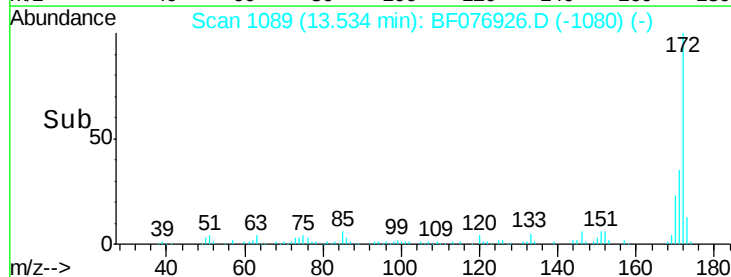
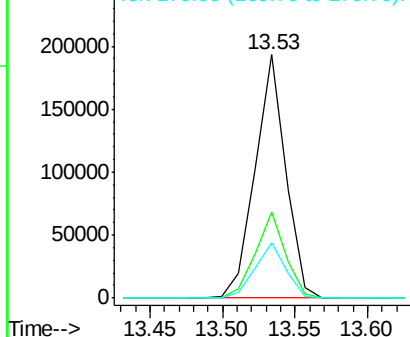


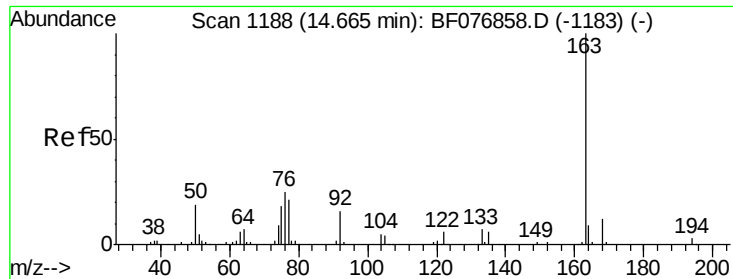
#44
 2-Fluorobiphenyl
 Concen: 52.81 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076926.D
 Acq: 19 Jan 2015 13:04

Tgt Ion:172 Resp: 282023
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.6 40.0
 170 22.6 18.0 27.0



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: 2.43 ng

RT: 14.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF076926.D

Acq: 19 Jan 2015 13:04

Instrument :

BNA_F

ClientSampleId :

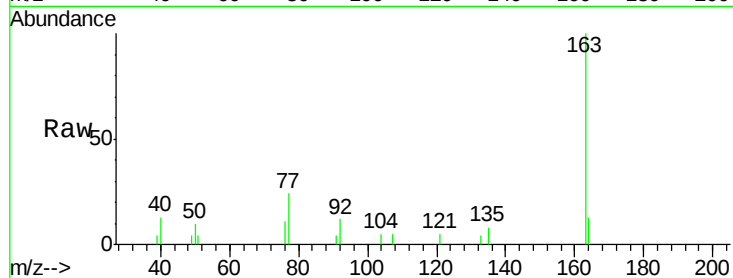
Tot Ion:163 Resp: 14031

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

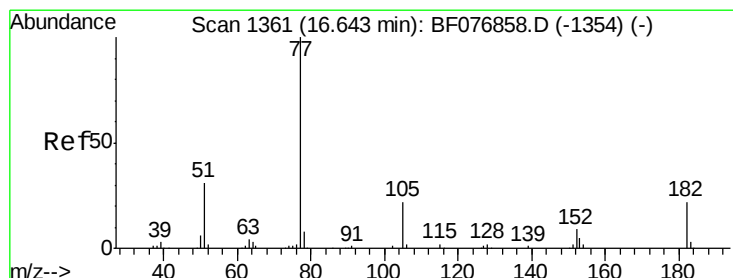
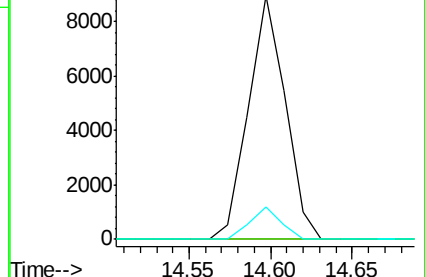
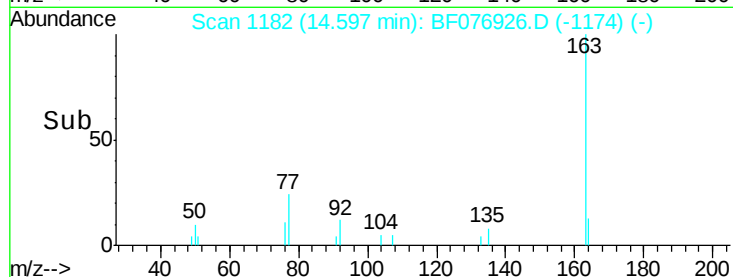
164 13.1 7.5 11.3#



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



#62

Azobenzene

Concen: 2.09 ng

RT: 16.62 min Scan# 1359

Delta R.T. 0.02 min

Lab File: BF076926.D

Acq: 19 Jan 2015 13:04

Tgt Ion: 77 Resp: 12712

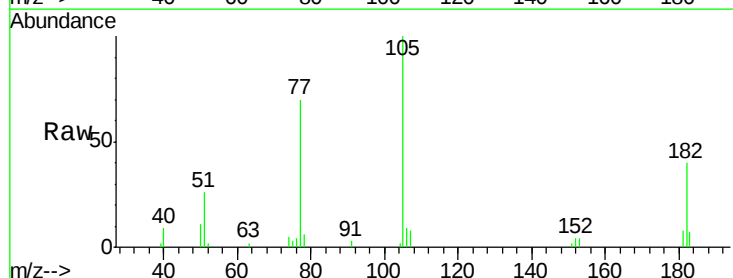
Ion Ratio Lower Upper

77 100

182 58.0 2.0 42.0#

105 143.7 2.3 42.3#

51 37.0 10.7 50.7

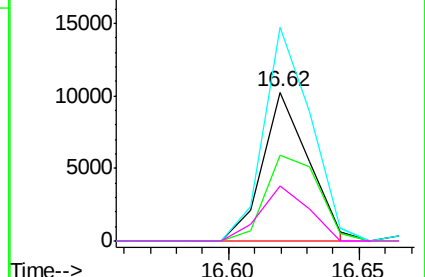
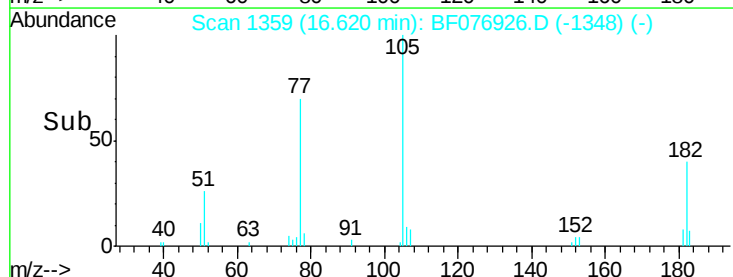


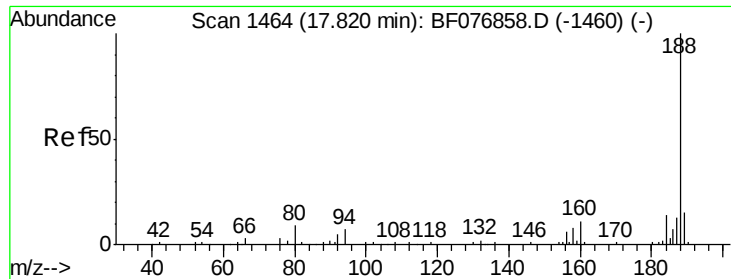
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

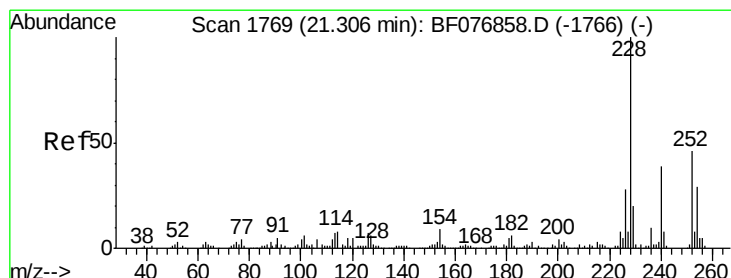
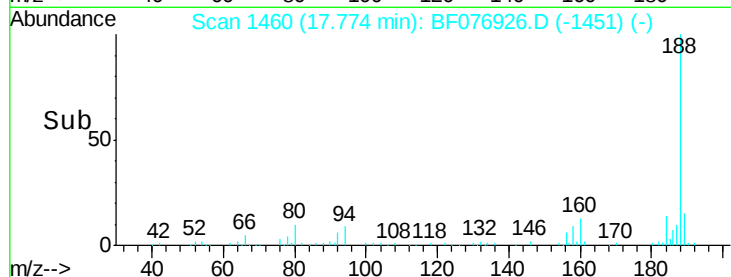
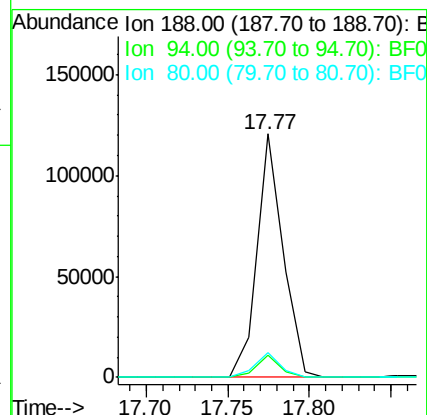
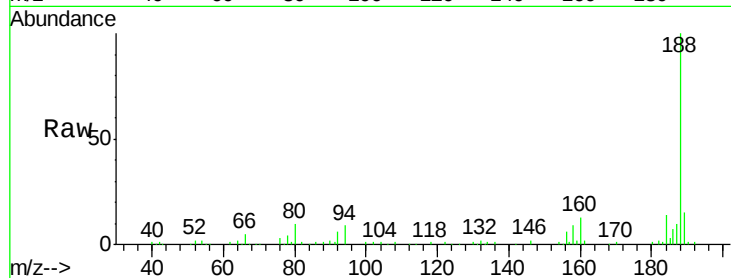




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF076926.D
 Acq: 19 Jan 2015 13:04

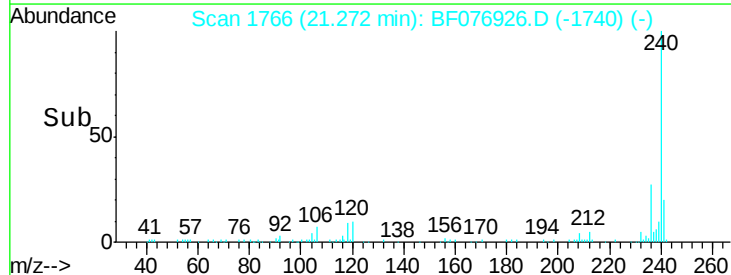
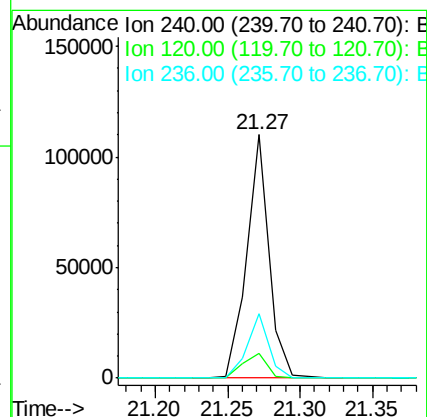
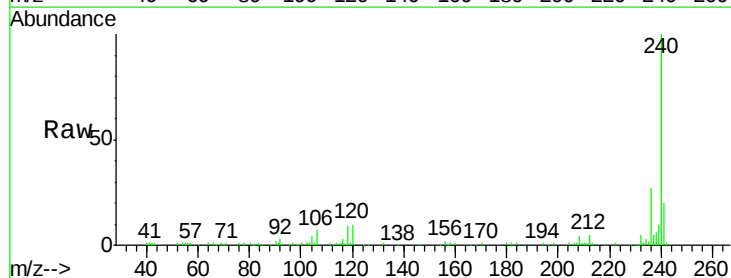
Instrument :
 BNA_F
 ClientSampleId :

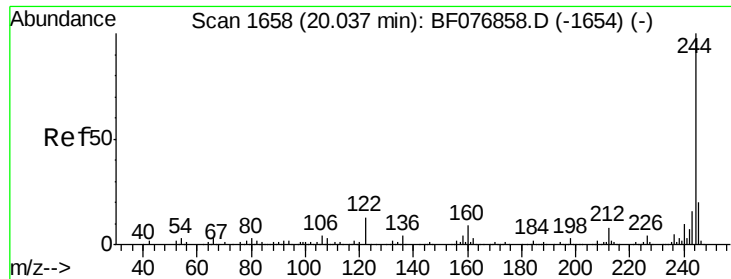
Tot Ion:188 Resp: 134423
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.0 9.0
 80 10.2 6.9 10.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF076926.D
 Acq: 19 Jan 2015 13:04

Tgt Ion:240 Resp: 117539
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.4 15.6
 236 26.5 20.2 30.2





#78

Terphenyl-d14

Concen: 56.07 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076926.D

Acq: 19 Jan 2015 13:04

Instrument :

BNA_F

ClientSampleId :

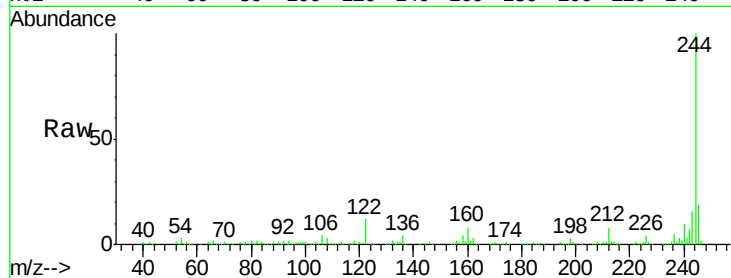
Tot Ion:244 Resp: 286244

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

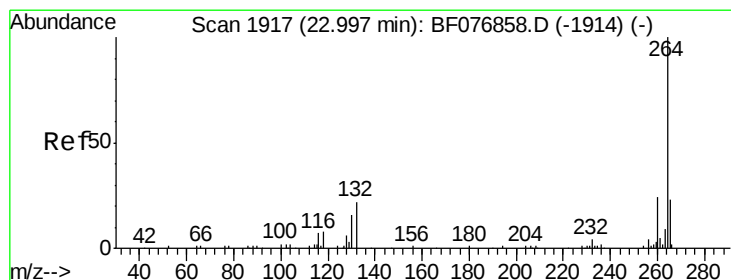
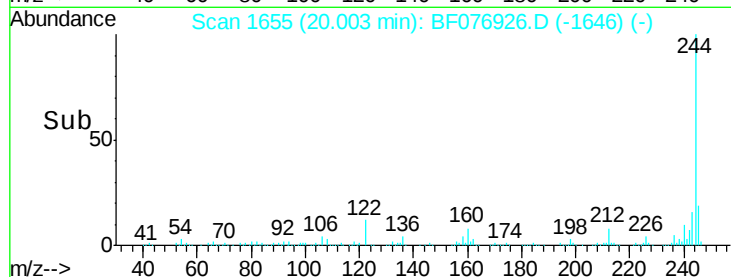
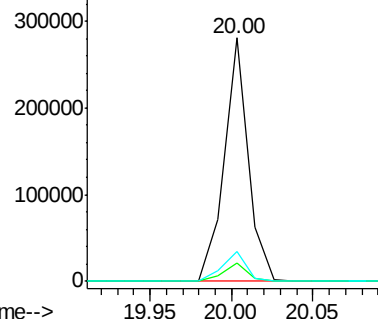
122 12.2 10.1 15.1



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

Perylene-d12

Concen: 20.00 ng

RT: 22.92 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BF076926.D

Acq: 19 Jan 2015 13:04

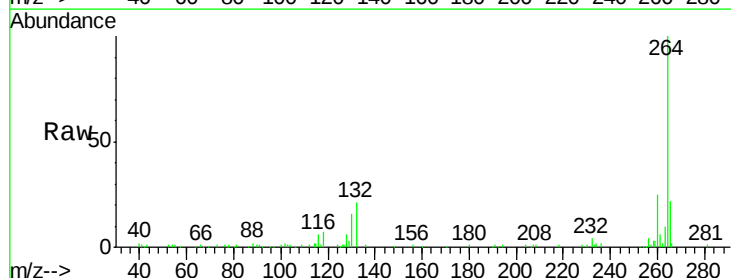
Tgt Ion:264 Resp: 105708

Ion Ratio Lower Upper

264 100

260 25.0 19.0 28.4

265 21.6 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

