

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
 Data File : BF076974.D
 Acq On : 20 Jan 2015 21:55
 Operator : IZ / TP
 Sample : G1109-11
 Misc : W
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:22:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 01:04:46 2015
 Response via : Initial Calibration

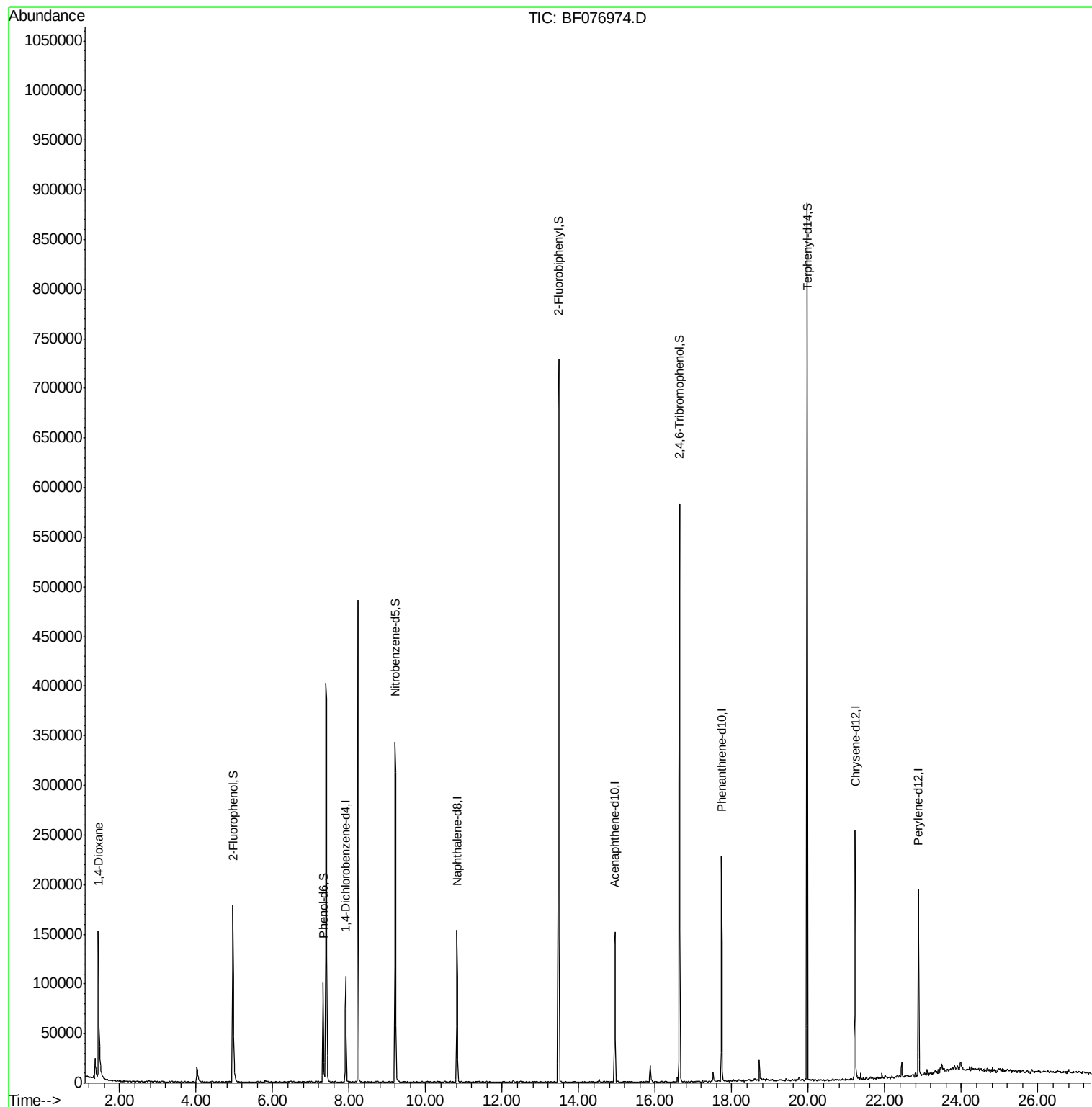
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	29280	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	121060	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	66087	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	113025	20.00	ng	0.00
75) Chrysene-d12	21.23	240	107676	20.00	ng	-0.01
86) Perylene-d12	22.87	264	99261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	93503	52.50	ng	0.00
7) Phenol-d6	7.32	99	68465	30.48	ng	0.00
23) Nitrobenzene-d5	9.20	82	198880	91.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	78143	145.67	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	426466	98.20	ng	0.00
78) Terphenyl-d14	19.97	244	393215	84.07	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.44	88	6893	9.04	ng	Qvalue # 12

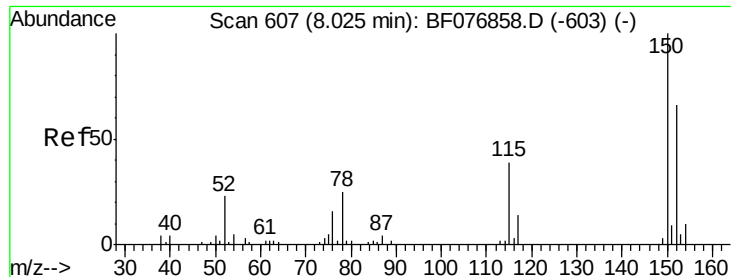
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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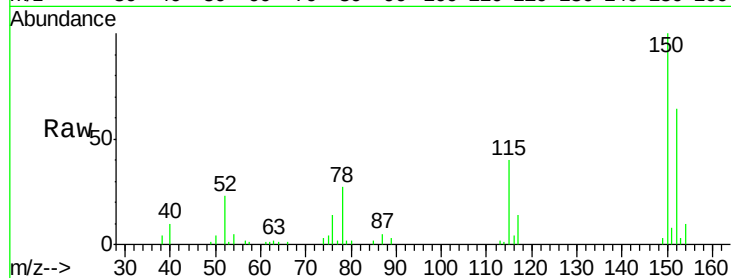


#1

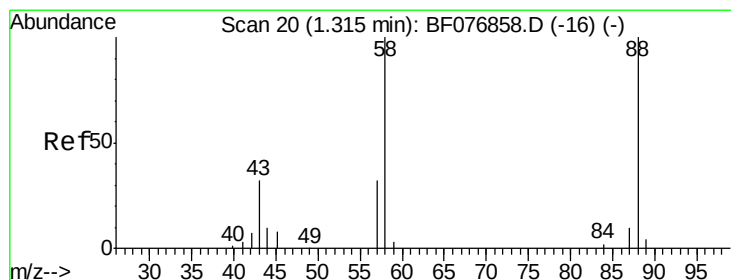
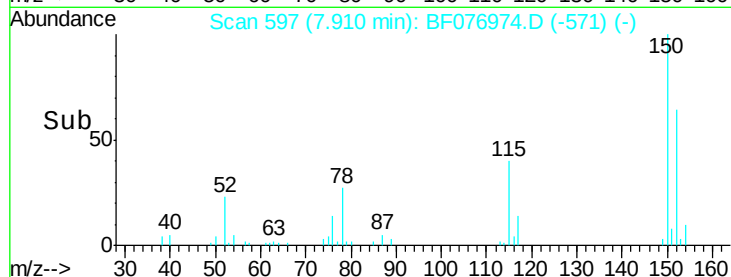
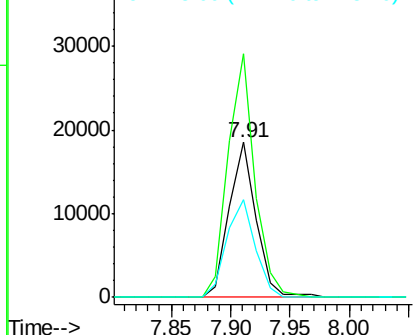
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 29280
Ion Ratio Lower Upper
152 100
150 157.4 121.7 182.5
115 63.4 47.0 70.6



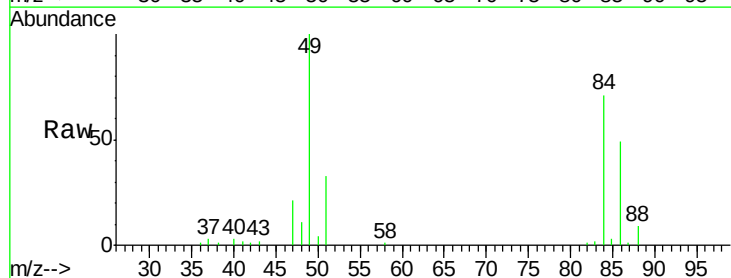
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



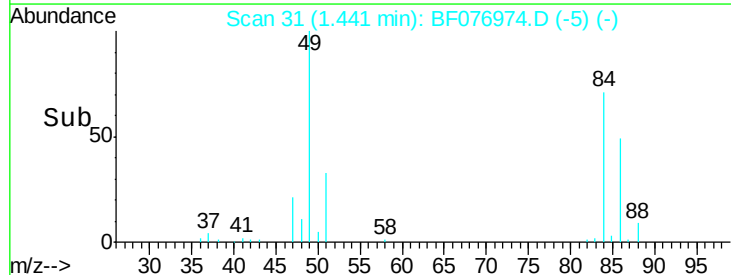
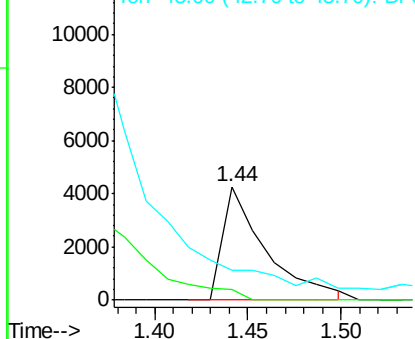
#2

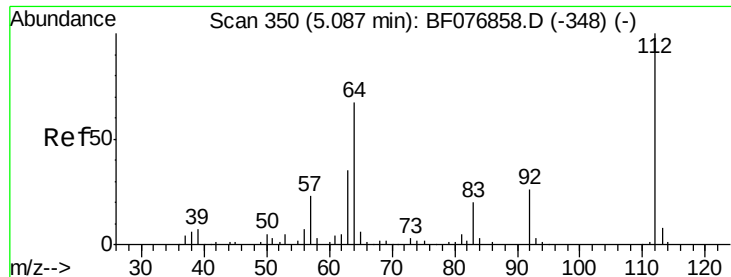
1,4-Dioxane
Concen: 9.04 ng
RT: 1.44 min Scan# 31
Delta R.T. 0.19 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

Tgt Ion: 88 Resp: 6893
Ion Ratio Lower Upper
88 100
58 0.0 77.0 115.4#
43 0.0 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 52.50 ng

RT: 4.96 min Scan# 339

Delta R.T. -0.00 min

Lab File: BF076974.D

Acq: 20 Jan 2015 21:55

Instrument :

BNA_F

ClientSampleId :

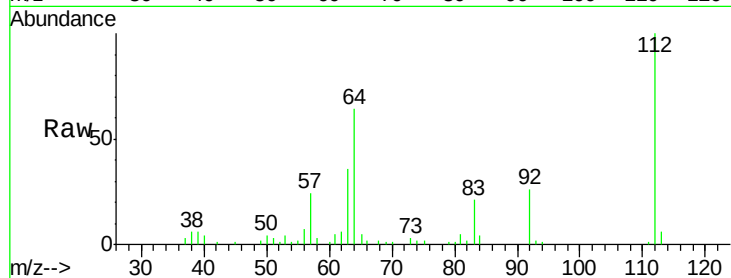
Tot Ion: 112 Resp: 93503

Ion Ratio Lower Upper

112 100

64 63.9 54.2 81.4

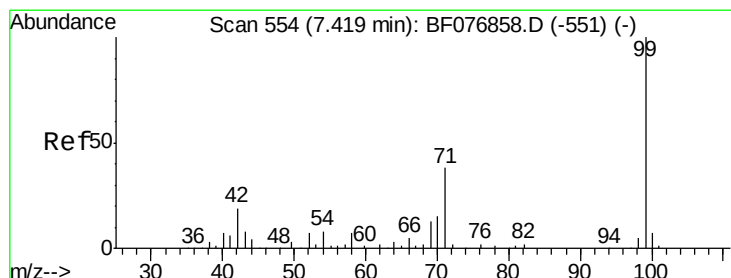
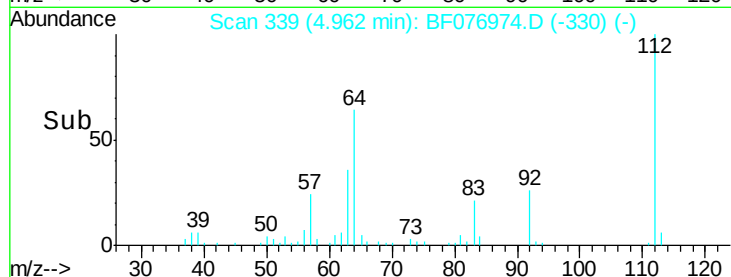
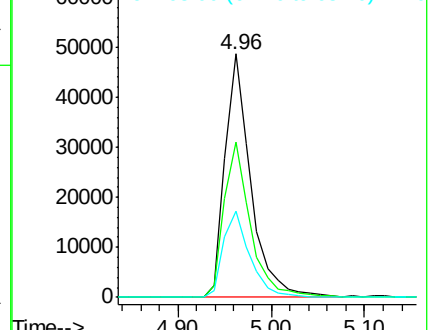
63 35.5 28.4 42.6



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: 30.48 ng

RT: 7.32 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF076974.D

Acq: 20 Jan 2015 21:55

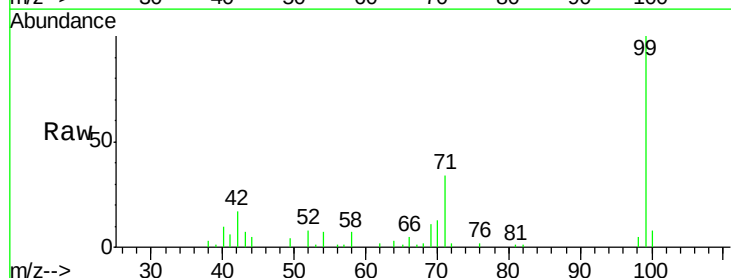
Tgt Ion: 99 Resp: 68465

Ion Ratio Lower Upper

99 100

42 17.1 15.0 22.4

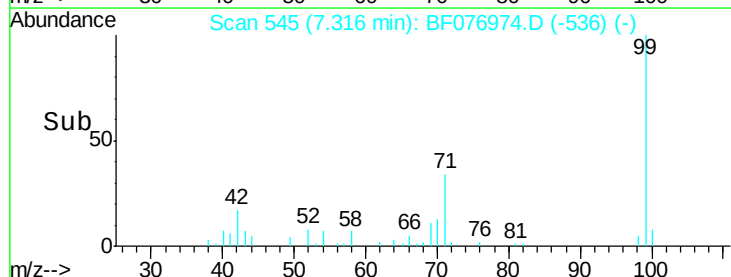
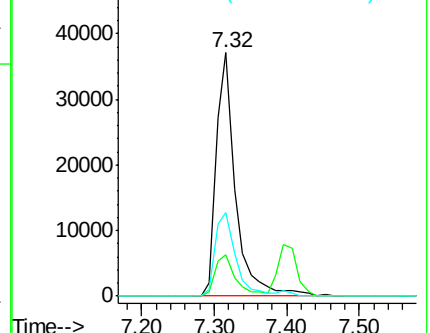
71 34.1 30.5 45.7

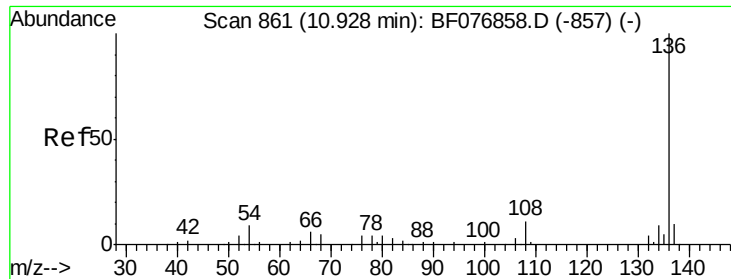


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

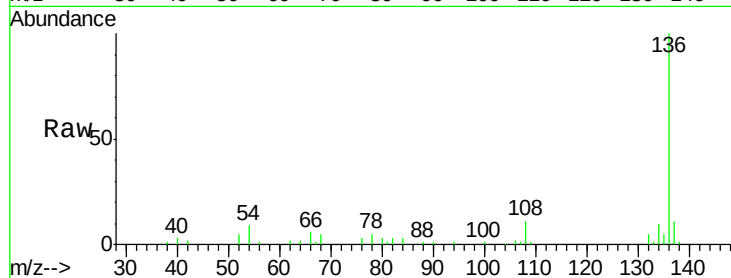




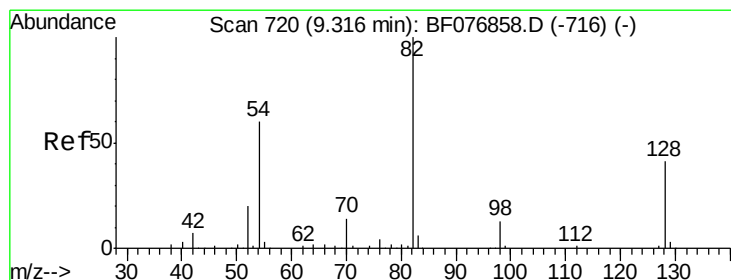
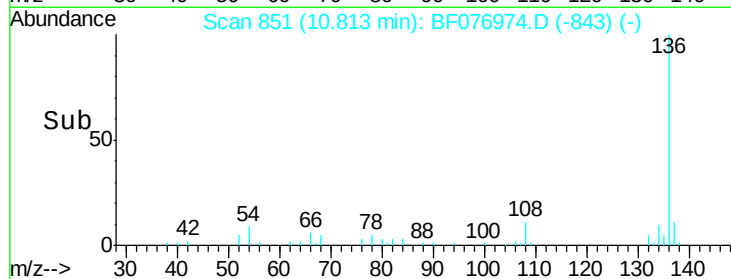
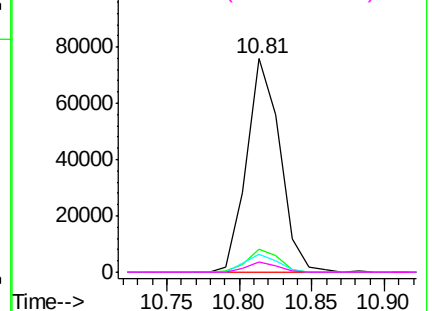
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	121060
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.1	12.1
54	8.6	7.0	10.4
68	5.0	3.7	5.5

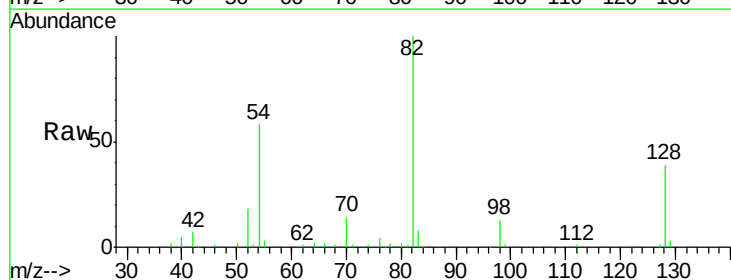


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

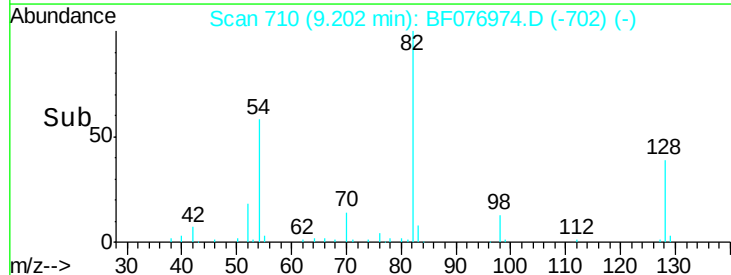
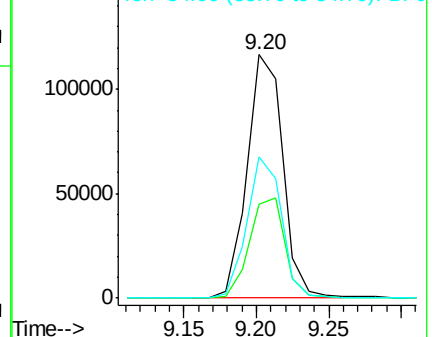


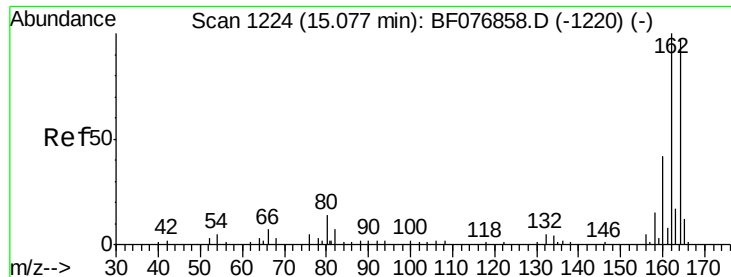
#23
Nitrobenzene-d5
Concen: 91.01 ng
RT: 9.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

Tgt Ion:	82	Resp:	198880
Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.1	49.7
54	57.9	48.3	72.5



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: 14.95 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF076974.D

Acq: 20 Jan 2015 21:55

Instrument :

BNA_F

ClientSampled :

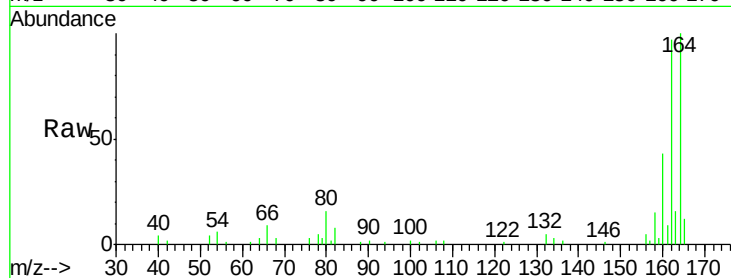
Tot Ion:164 Resp: 66087

Ion Ratio Lower Upper

164 100

162 97.2 82.4 123.6

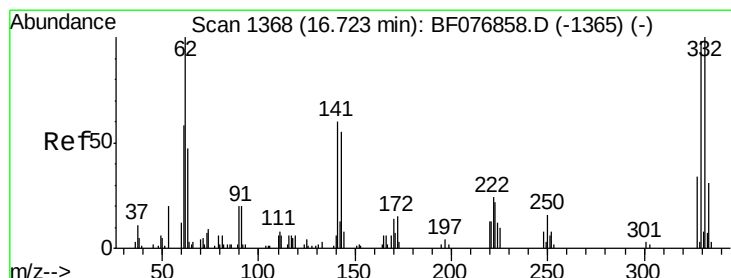
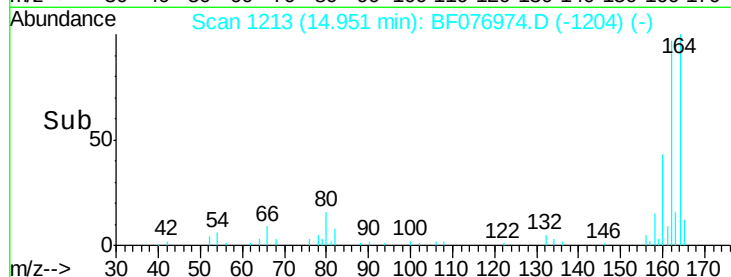
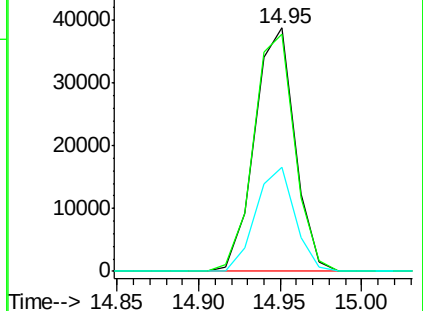
160 42.5 34.8 52.2



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: 145.67 ng

RT: 16.63 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF076974.D

Acq: 20 Jan 2015 21:55

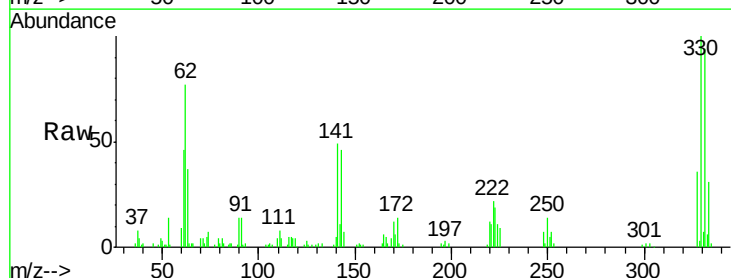
Tgt Ion:330 Resp: 78143

Ion Ratio Lower Upper

330 100

332 94.5 77.8 116.6

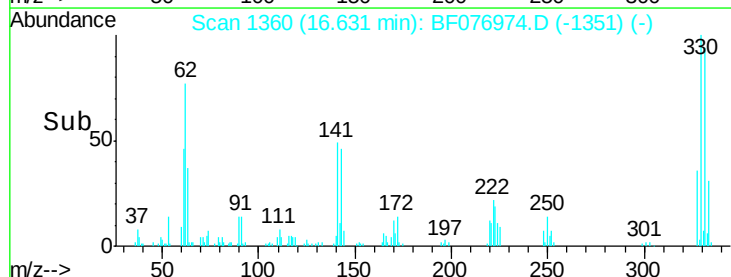
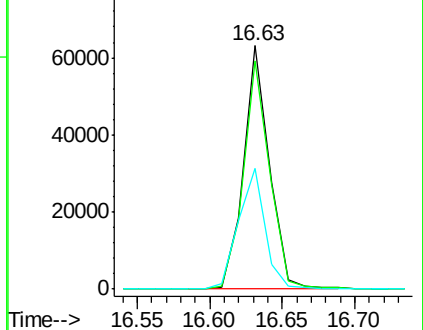
141 50.9 38.5 57.7

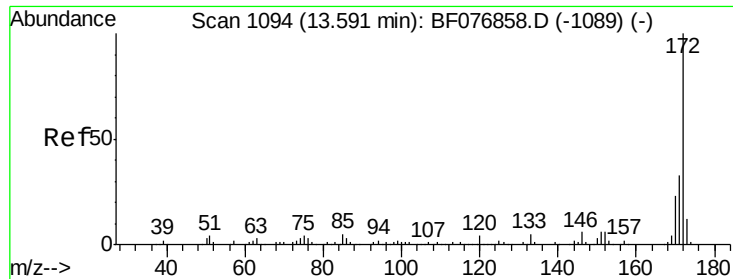


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

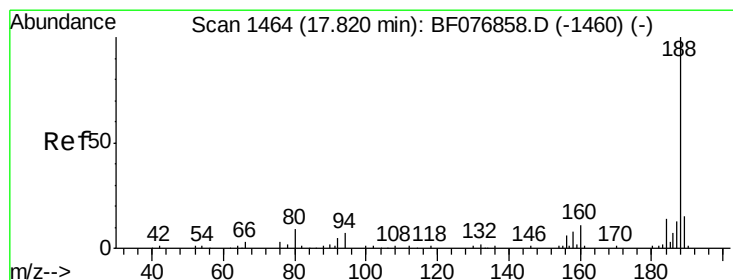
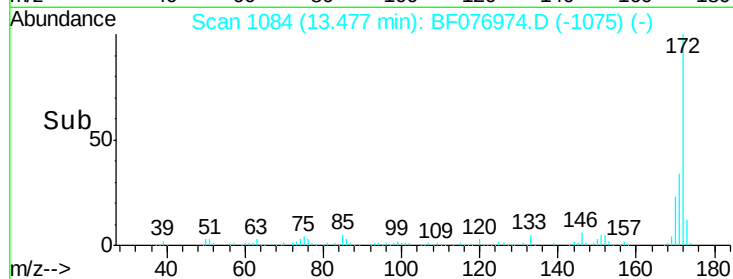
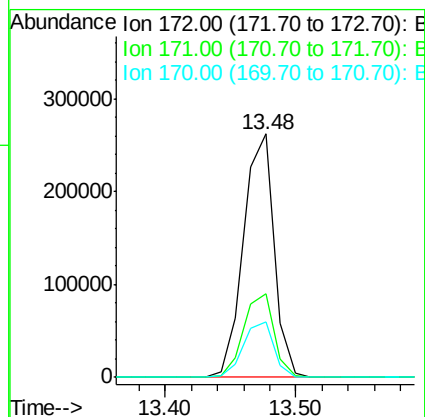
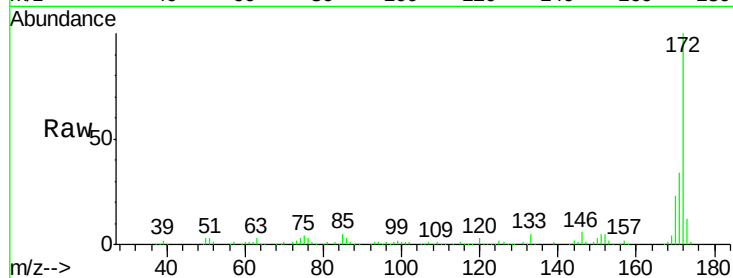




#44
2-Fluorobiphenyl
Concen: 98.20 ng
RT: 13.48 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

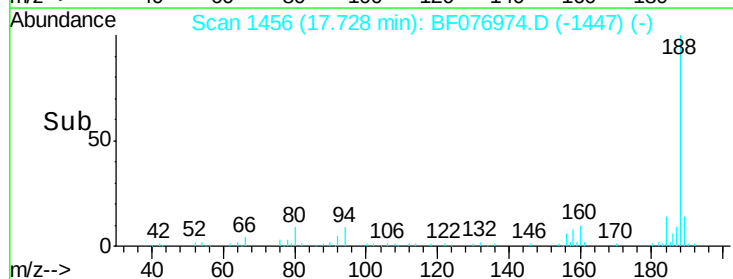
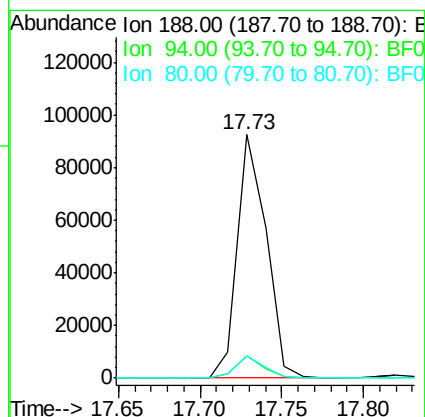
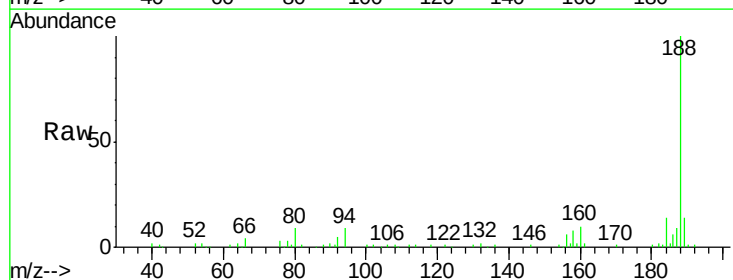
Instrument :
BNA_F
ClientSampleId :

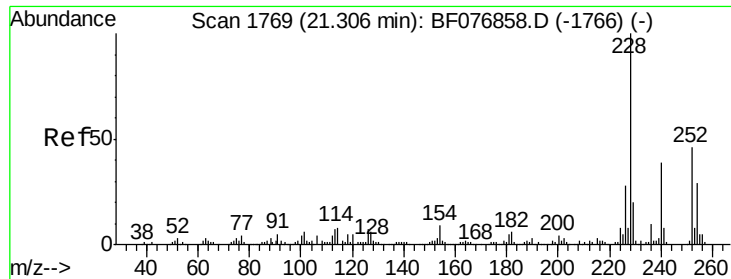
Tot Ion:172 Resp: 426466
Ion Ratio Lower Upper
172 100
171 34.3 26.6 40.0
170 22.9 18.0 27.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

Tgt Ion:188 Resp: 113025
Ion Ratio Lower Upper
188 100
94 9.3 6.0 9.0#
80 9.4 6.9 10.3

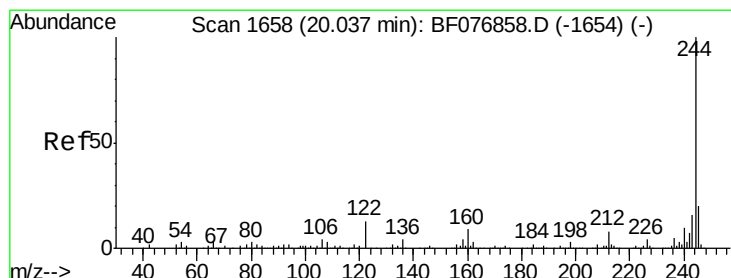
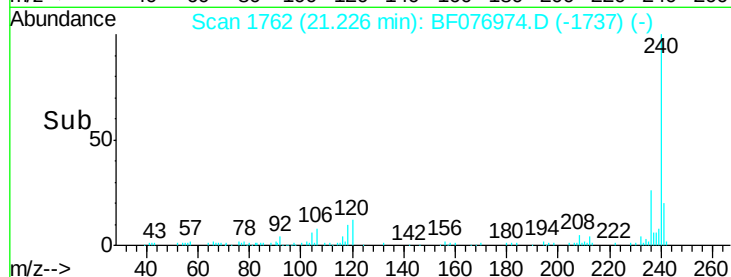
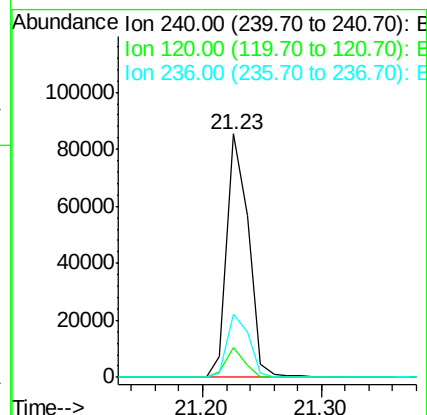
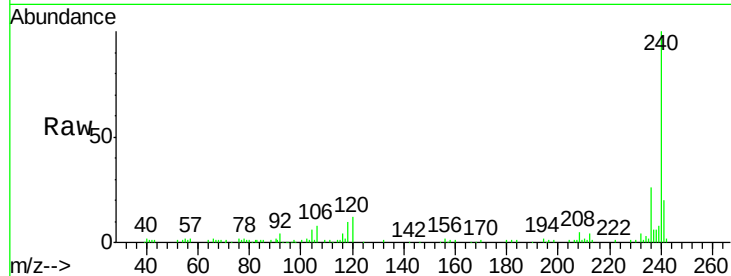




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

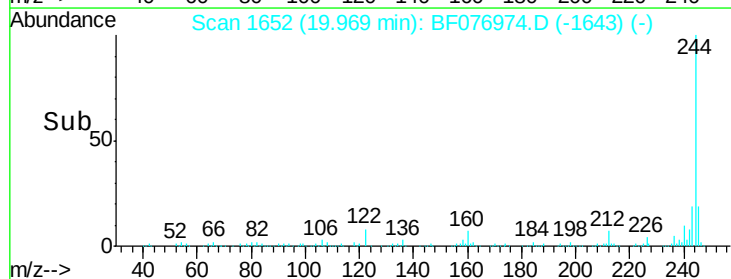
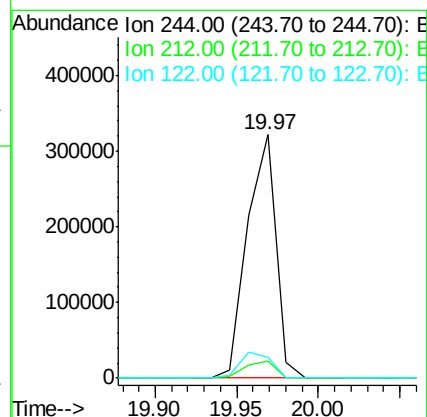
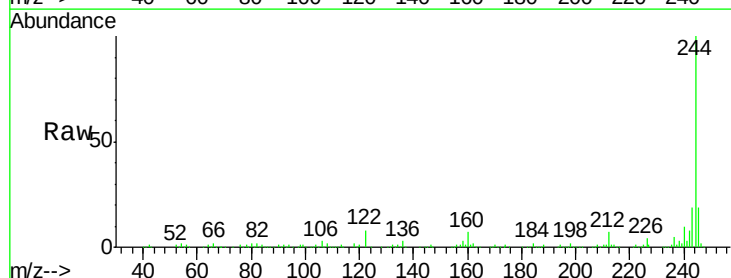
Instrument :
BNA_F
ClientSampleId :

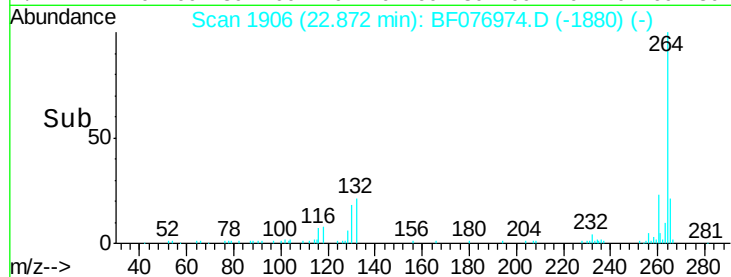
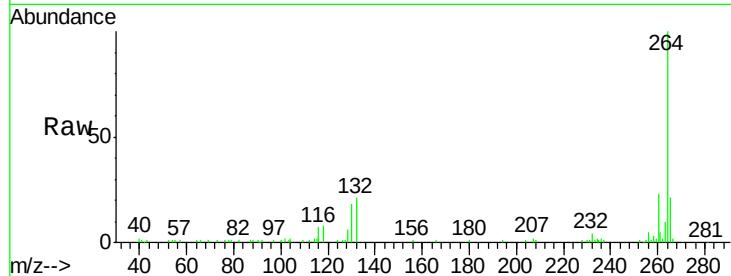
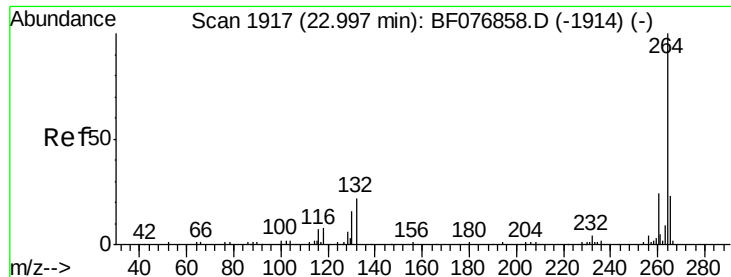
Tot Ion:240 Resp: 107676
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 26.1 20.2 30.2



#78
Terphenyl-d14
Concen: 84.07 ng
RT: 19.97 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

Tgt Ion:244 Resp: 393215
Ion Ratio Lower Upper
244 100
212 6.9 6.3 9.5
122 8.4 10.1 15.1#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.87 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BF076974.D
 Acq: 20 Jan 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.0	18.1	27.1

