

Data Path : Z:\HPCHEM1\BNA F\Data\BF012015\
 Data File : BF076981.D
 Acq On : 21 Jan 2015 3:05
 Operator : IZ / TP
 Sample : G1101-08
 Misc : W
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 04:02:18 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

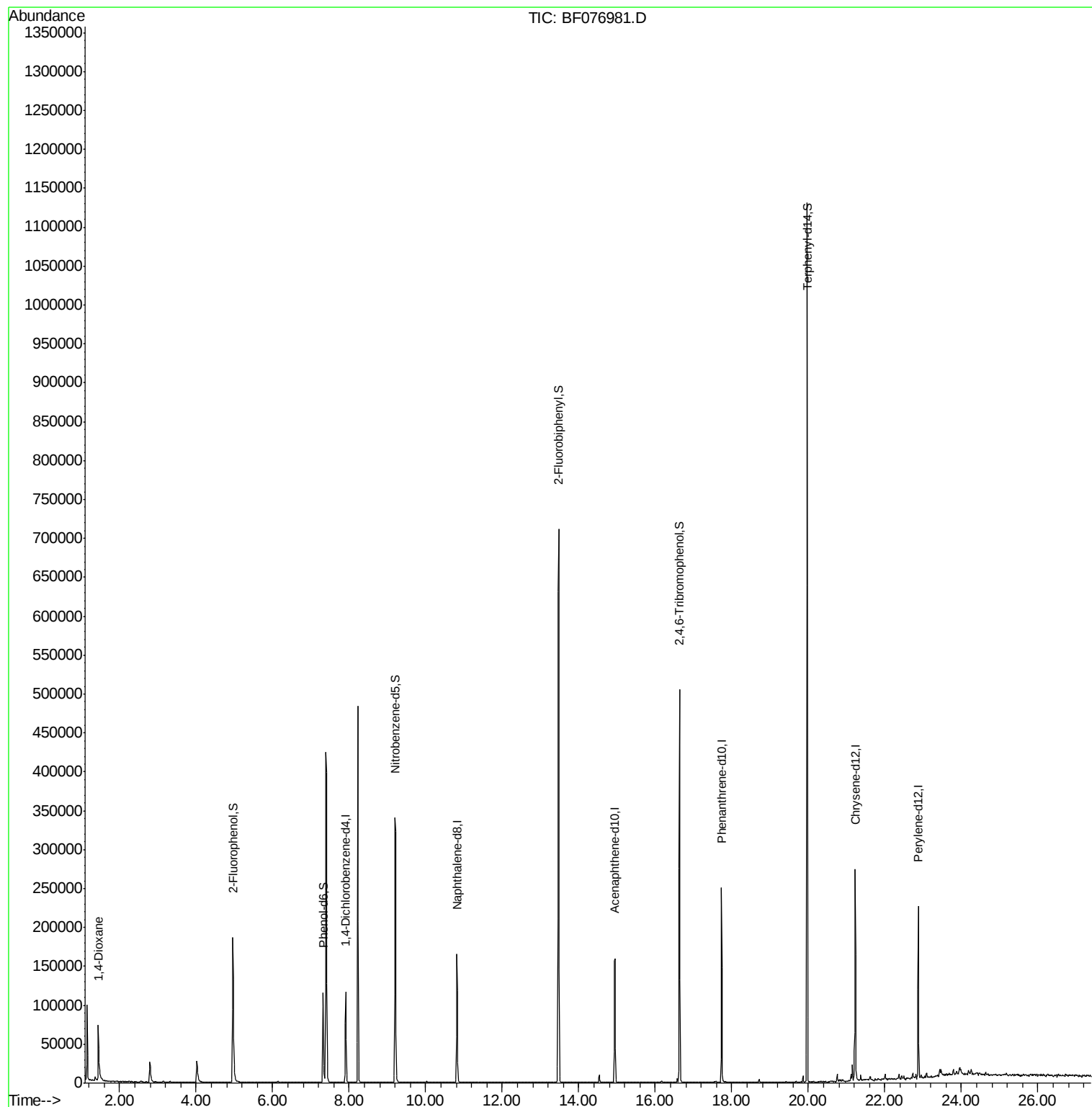
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	32000	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	132086	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	70360	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	122737	20.00	ng	0.00
75) Chrysene-d12	21.23	240	119864	20.00	ng	-0.01
86) Perylene-d12	22.87	264	100580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	101273	52.03	ng	0.00
7) Phenol-d6	7.32	99	79048	32.20	ng	0.00
23) Nitrobenzene-d5	9.20	82	200788	84.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	70146	122.82	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	415143	89.79	ng	0.00
78) Terphenyl-d14	19.97	244	436299	83.80	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.44	88	2890	3.47	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: BF076981.D

Acq: 21 Jan 2015 3:05

Instrument :

BNA_F

ClientSampleId :

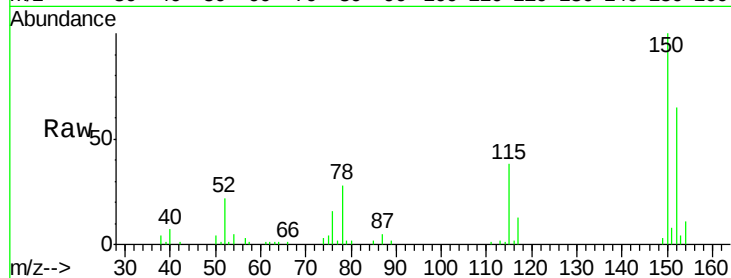
Tot Ion:152 Resp: 32000

Ion Ratio Lower Upper

152 100

150 153.6 121.7 182.5

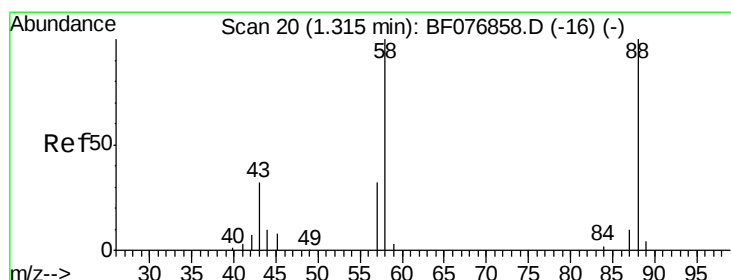
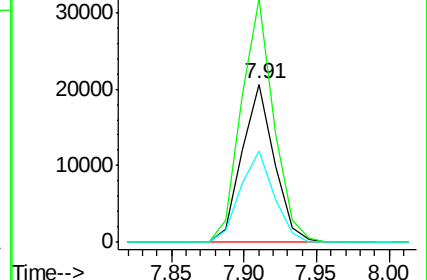
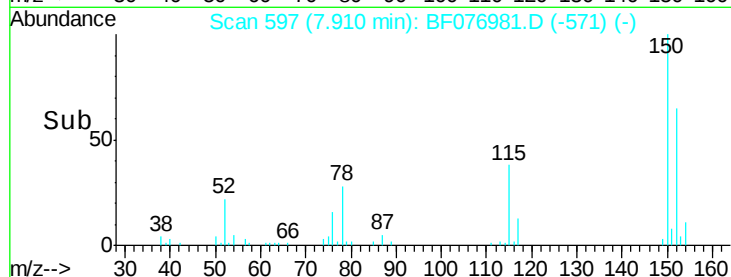
115 57.7 47.0 70.6



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: 3.47 ng

RT: 1.44 min Scan# 31

Delta R.T. 0.19 min

Lab File: BF076981.D

Acq: 21 Jan 2015 3:05

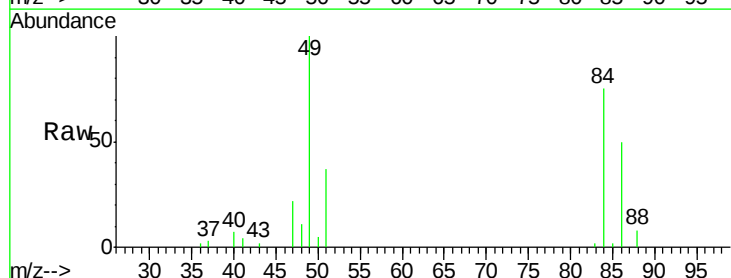
Tgt Ion: 88 Resp: 2890

Ion Ratio Lower Upper

88 100

58 0.0 77.0 115.4#

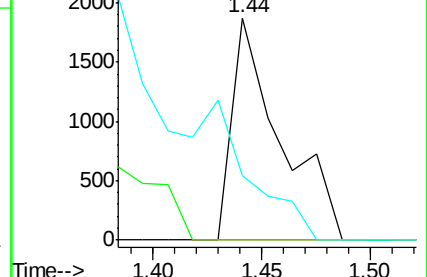
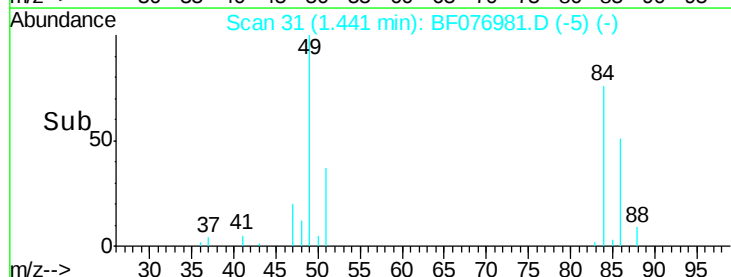
43 0.0 25.6 38.4#

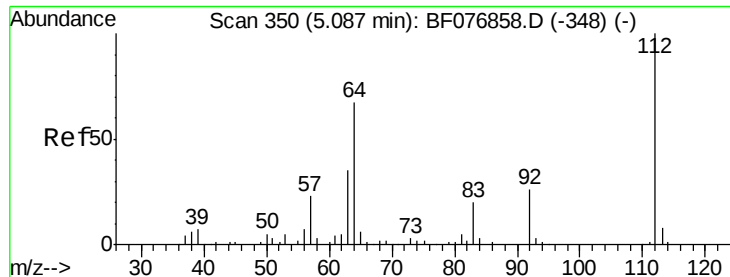


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 52.03 ng

RT: 4.96 min Scan# 339

Delta R.T. -0.00 min

Lab File: BF076981.D

Acq: 21 Jan 2015 3:05

Instrument :

BNA_F

ClientSampleId :

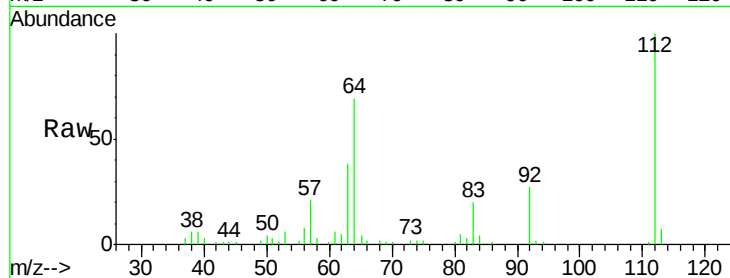
Tot Ion: 112 Resp: 101273

Ion Ratio Lower Upper

112 100

64 68.6 54.2 81.4

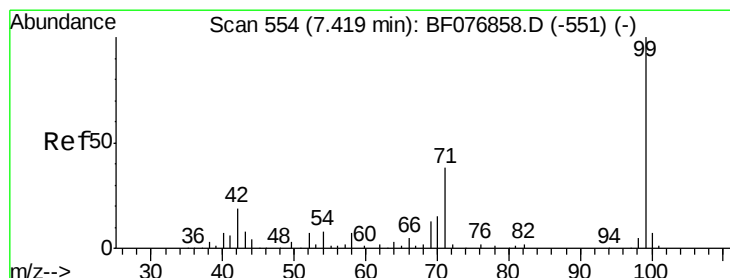
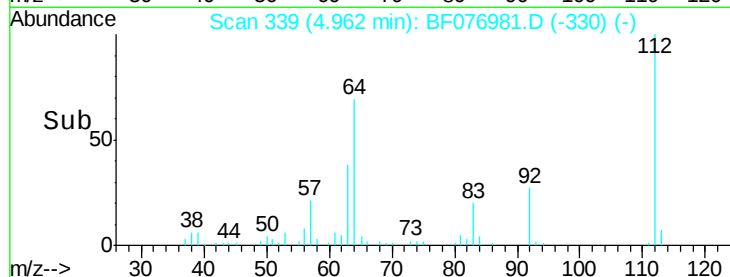
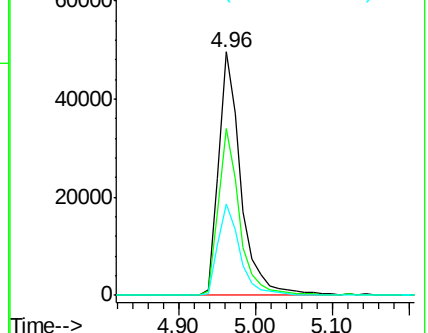
63 37.7 28.4 42.6



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: 32.20 ng

RT: 7.32 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF076981.D

Acq: 21 Jan 2015 3:05

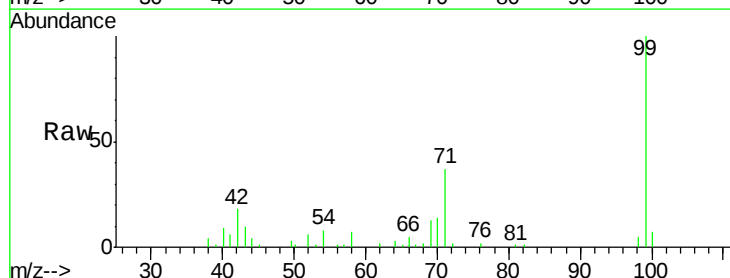
Tgt Ion: 99 Resp: 79048

Ion Ratio Lower Upper

99 100

42 17.5 15.0 22.4

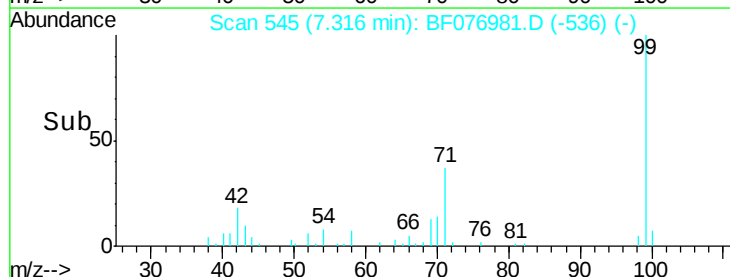
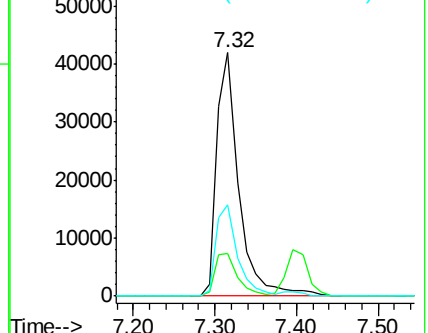
71 37.3 30.5 45.7

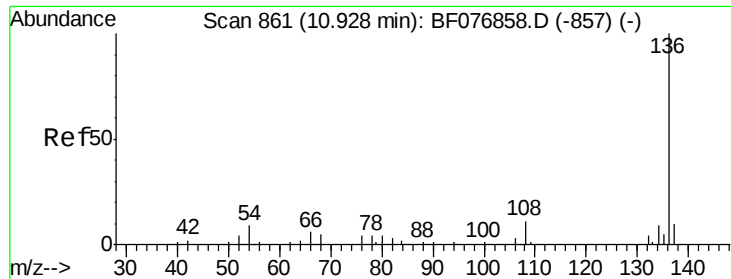


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

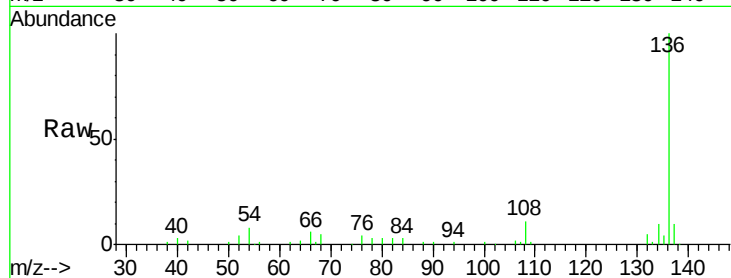




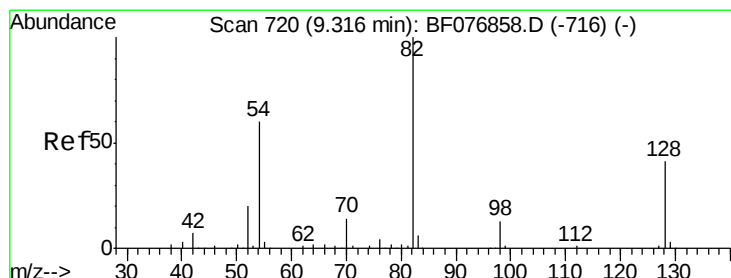
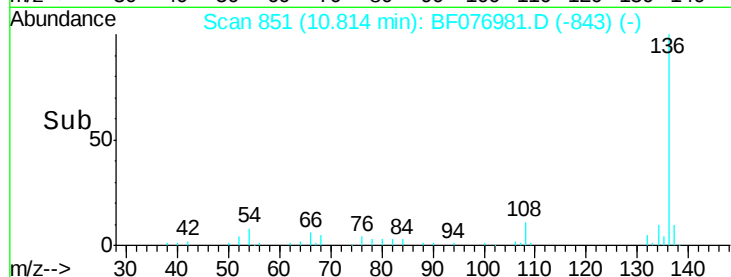
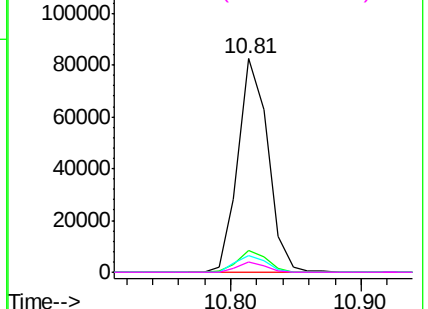
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.81 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	132086
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.1	12.1
54	8.1	7.0	10.4
68	4.8	3.7	5.5

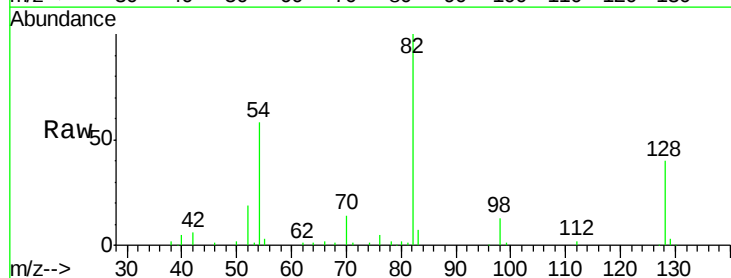


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

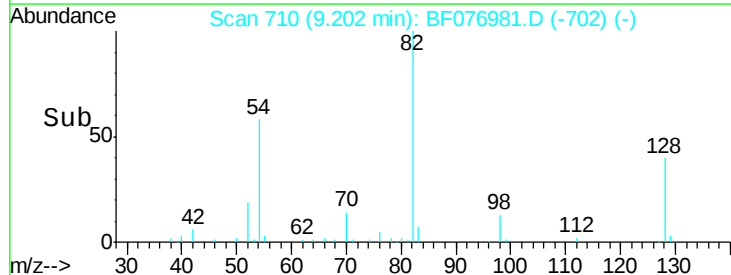
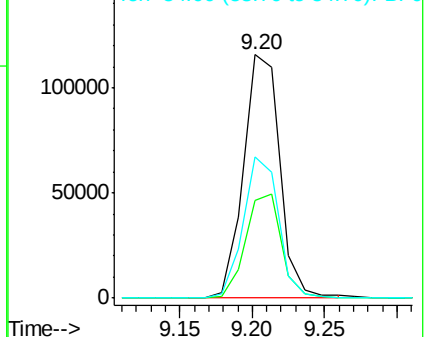


#23
Nitrobenzene-d5
Concen: 84.22 ng
RT: 9.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF076981.D
Acq: 21 Jan 2015 3:05

Tgt Ion:	82	Resp:	200788
Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.1	49.7
54	58.2	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: BF076981.D

Acq: 21 Jan 2015 3:05

Instrument :

BNA_F

ClientSampleId :

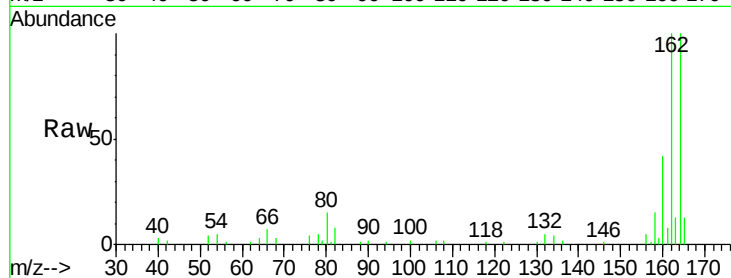
Tot Ion:164 Resp: 70360

Ion Ratio Lower Upper

164 100

162 99.8 82.4 123.6

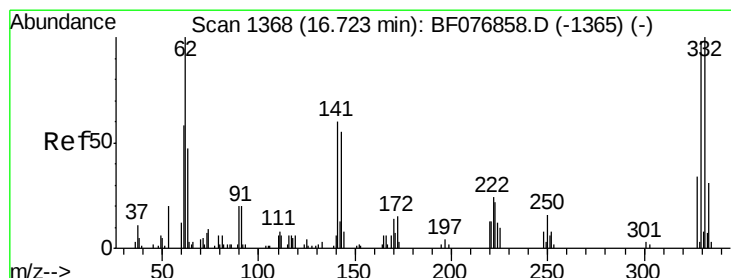
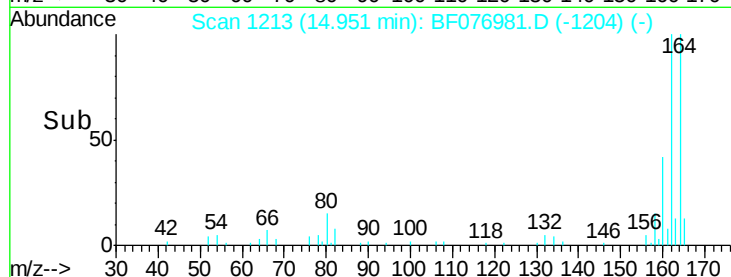
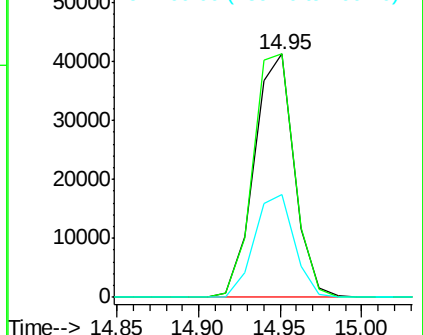
160 42.4 34.8 52.2



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: 122.82 ng

RT: 16.63 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF076981.D

Acq: 21 Jan 2015 3:05

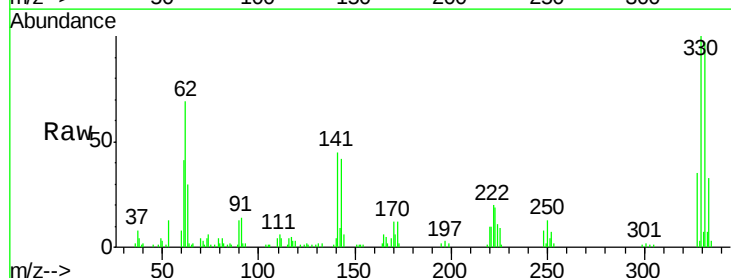
Tgt Ion:330 Resp: 70146

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

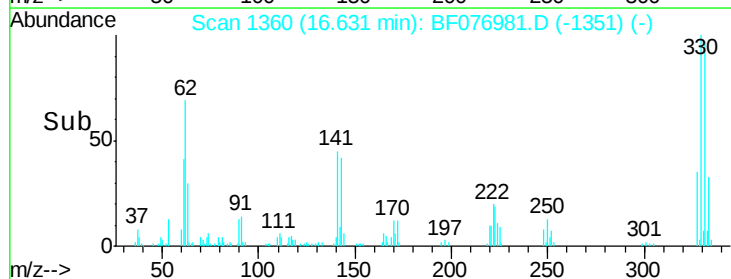
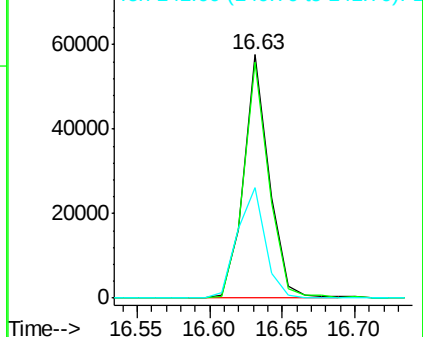
141 49.0 38.5 57.7

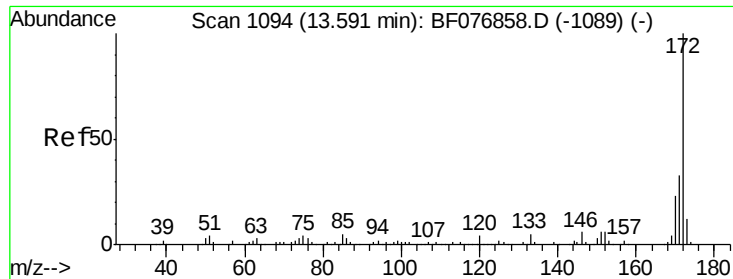


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

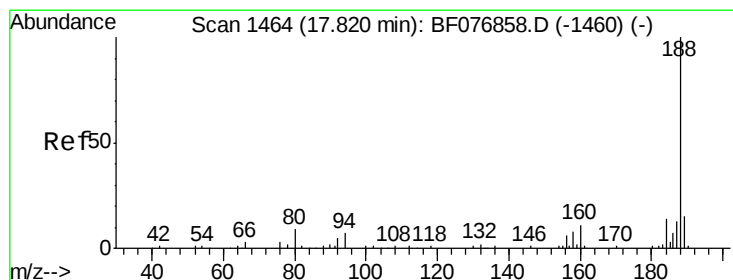
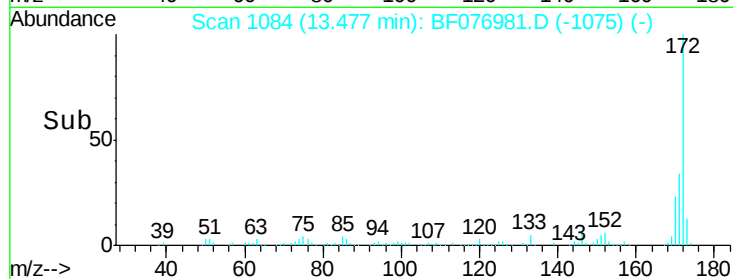
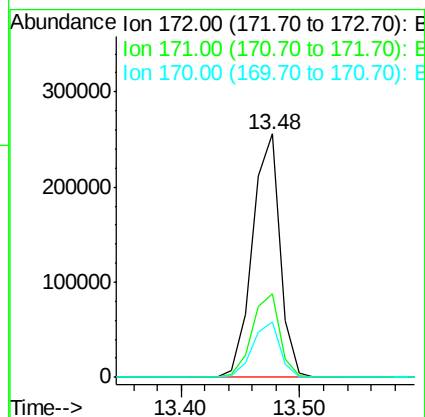
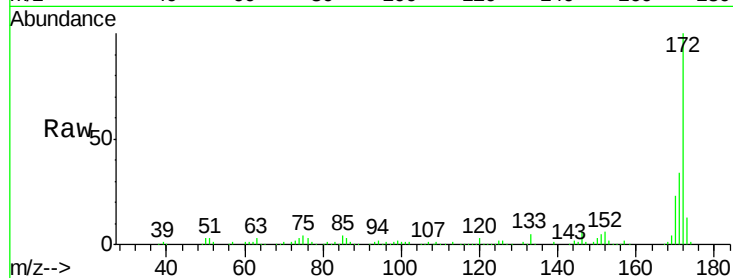




#44
 2-Fluorobiphenyl
 Concen: 89.79 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF076981.D
 Acq: 21 Jan 2015 3:05

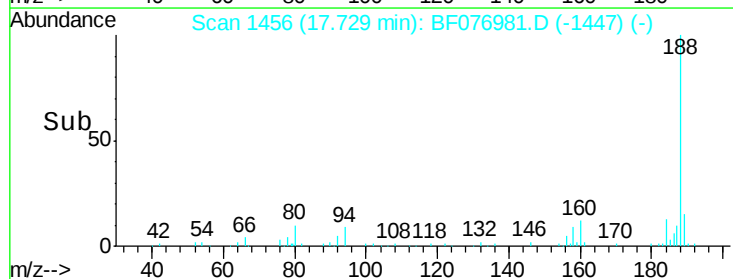
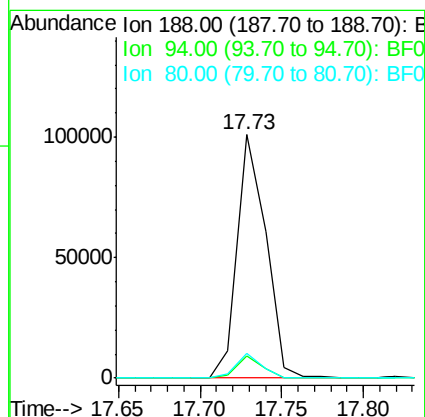
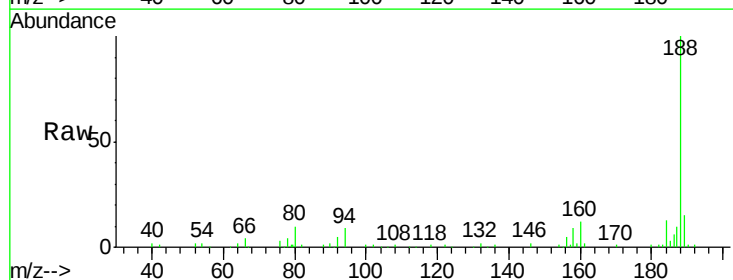
Instrument :
 BNA_F
 ClientSampleId :

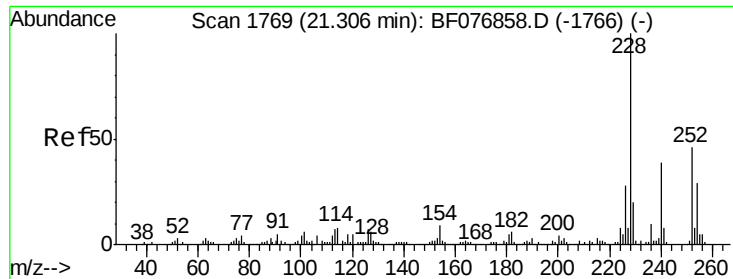
Tot Ion:172 Resp: 415143
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.6 40.0
 170 22.7 18.0 27.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF076981.D
 Acq: 21 Jan 2015 3:05

Tgt Ion:188 Resp: 122737
 Ion Ratio Lower Upper
 188 100
 94 9.2 6.0 9.0#
 80 10.2 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: BF076981.D

Acq: 21 Jan 2015 3:05

Instrument :

BNA_F

ClientSampleId :

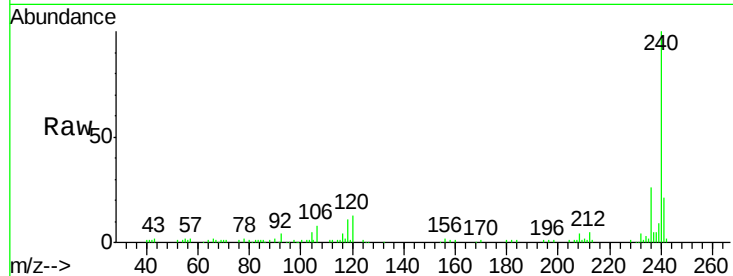
Tot Ion:240 Resp: 119864

Ion Ratio Lower Upper

240 100

120 12.7 10.4 15.6

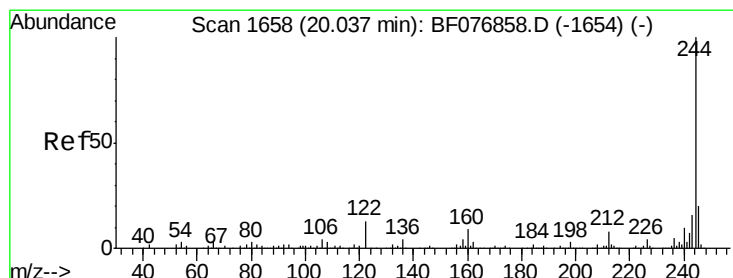
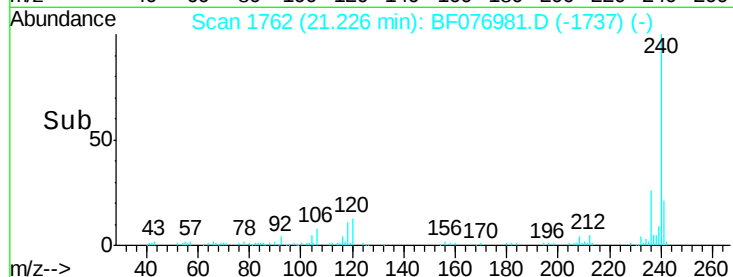
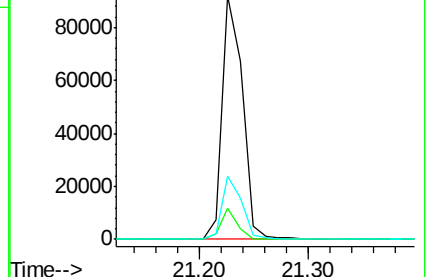
236 26.0 20.2 30.2



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



#78

Terphenyl-d14

Concen: 83.80 ng

RT: 19.97 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF076981.D

Acq: 21 Jan 2015 3:05

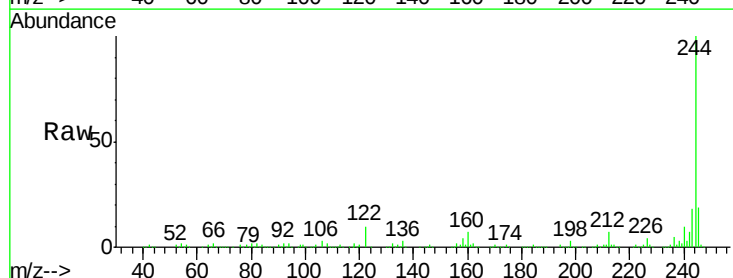
Tgt Ion:244 Resp: 436299

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

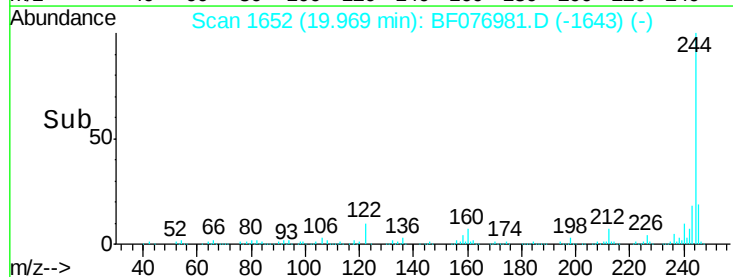
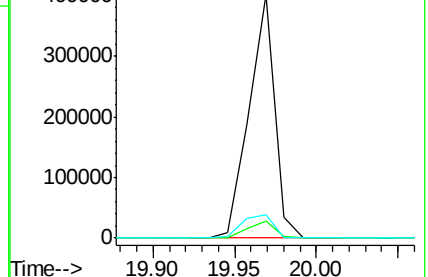
122 9.8 10.1 15.1#

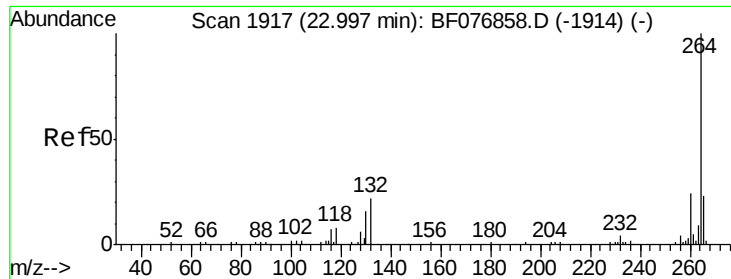


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

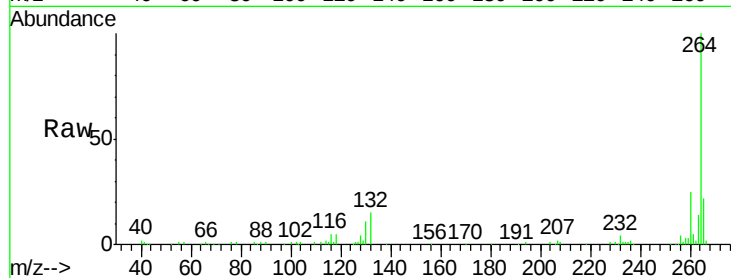




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.87 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BF076981.D
 Acq: 21 Jan 2015 3:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 264 Resp: 100580
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.4
 265 21.5 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

