

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
 Data File : BF076825.D
 Acq On : 13 Jan 2015 2:26
 Operator : IZ / TP
 Sample : G1042-04
 Misc : W
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-COMPOSITE-4

Quant Time: Jan 13 03:20:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

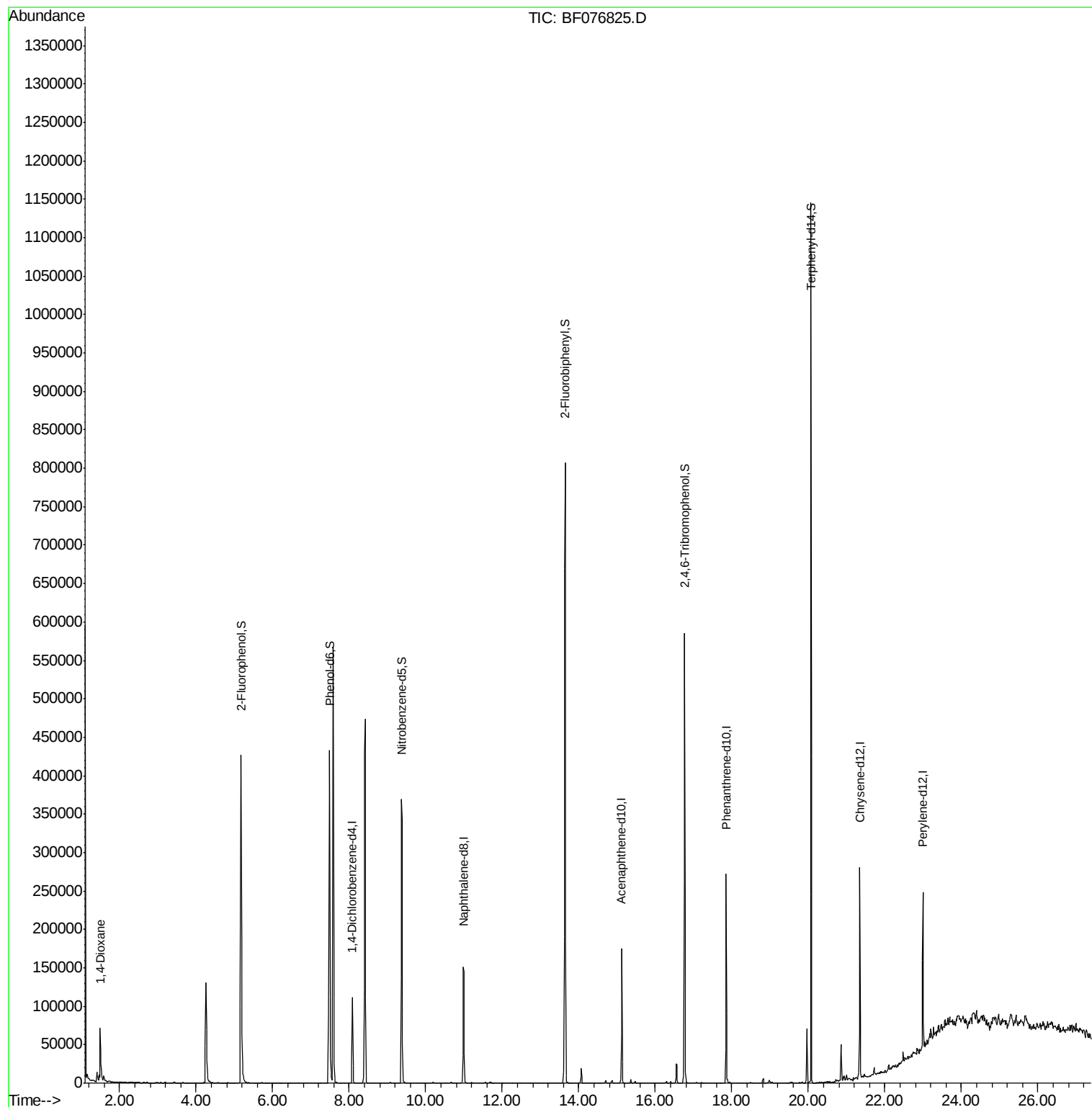
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31041	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	131822	20.00	ng	0.00
38) Acenaphthene-d10	15.12	164	70960	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	115179	20.00	ng	0.00
75) Chrysene-d12	21.34	240	105758	20.00	ng	-0.01
86) Perylene-d12	23.00	264	93149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	235952	126.84	ng	0.00
7) Phenol-d6	7.49	99	267146	114.07	ng	-0.01
23) Nitrobenzene-d5	9.37	82	212920	89.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.77	330	79726	134.61	ng	-0.01
44) 2-Fluorobiphenyl	13.65	172	447152	92.74	ng	0.00
78) Terphenyl-d14	20.07	244	411419	85.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.49	88	2491	3.14	ng	Qvalue # 14

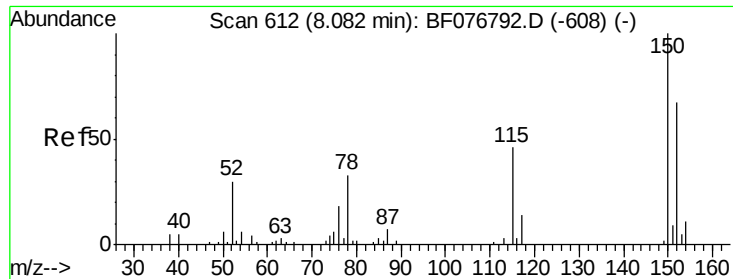
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF076825.D

Acq: 13 Jan 2015 2:26

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-COMPOSITE-4

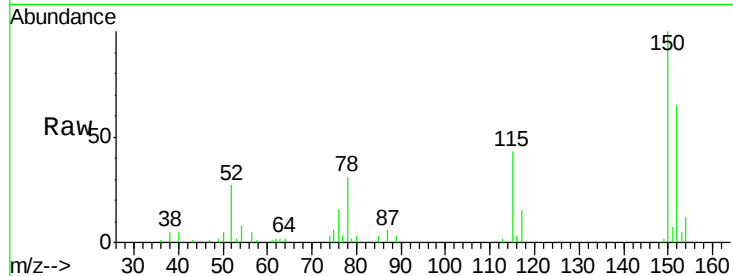
Tgt Ion:152 Resp: 31041

Ion Ratio Lower Upper

152 100

150 153.2 119.5 179.3

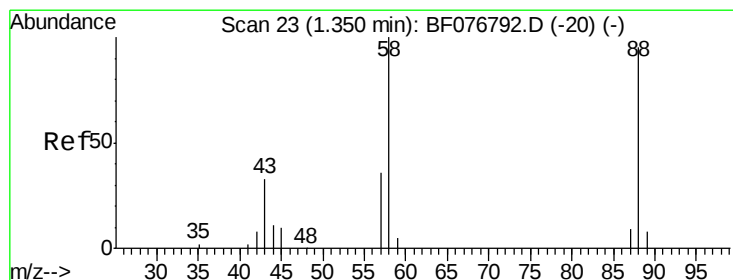
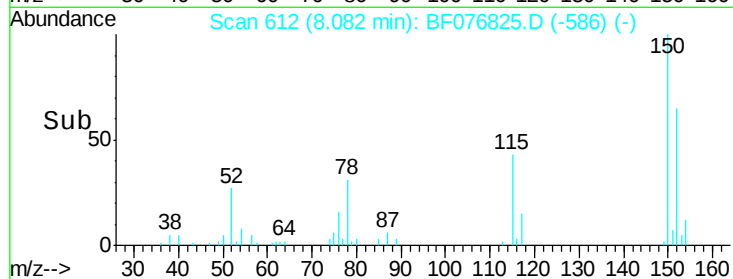
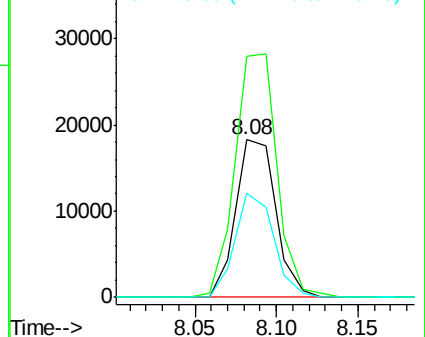
115 66.3 54.6 81.8



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: 3.14 ng

RT: 1.49 min Scan# 35

Delta R.T. 0.14 min

Lab File: BF076825.D

Acq: 13 Jan 2015 2:26

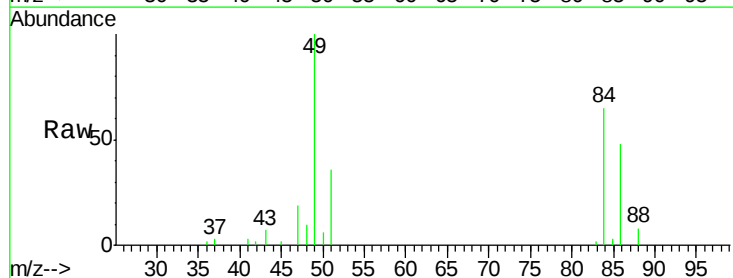
Tgt Ion: 88 Resp: 2491

Ion Ratio Lower Upper

88 100

58 0.0 72.4 108.6#

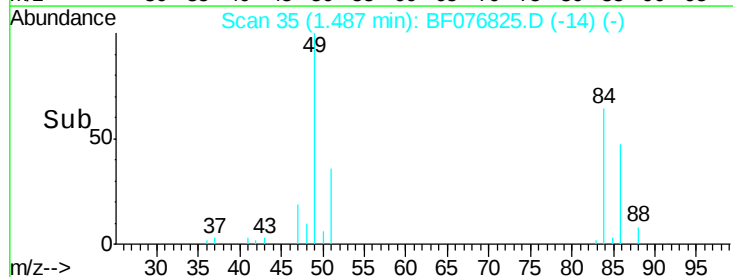
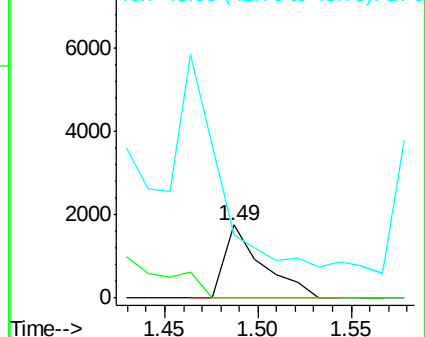
43 0.0 24.0 36.0#

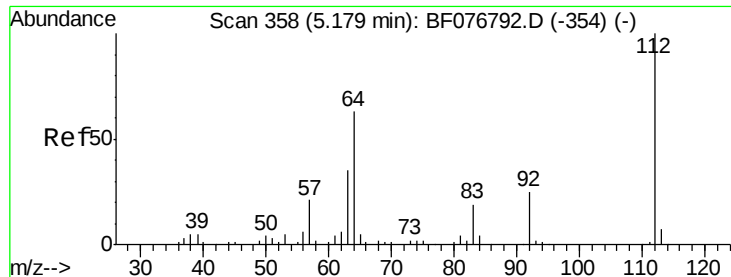


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 126.84 ng

RT: 5.18 min Scan# 358

Delta R.T. 0.00 min

Lab File: BF076825.D

Acq: 13 Jan 2015 2:26

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-COMPOSITE-4

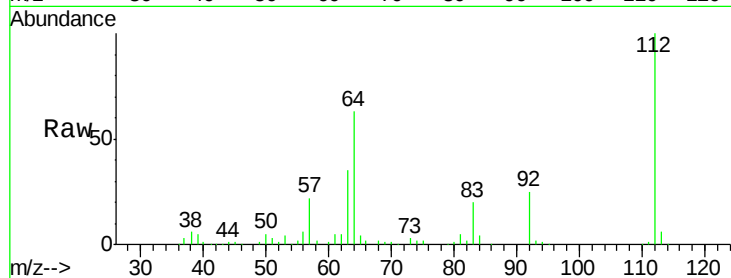
Tgt Ion: 112 Resp: 235952

Ion Ratio Lower Upper

112 100

64 63.0 50.2 75.4

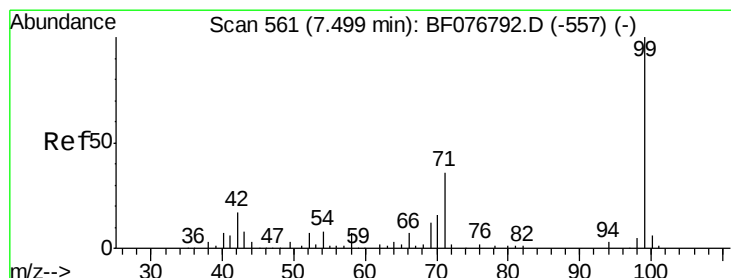
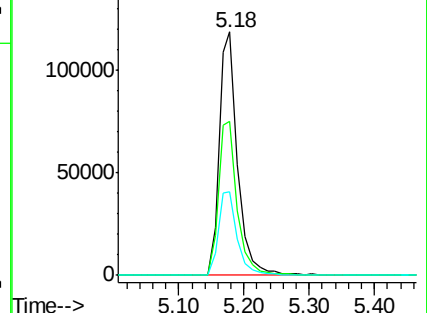
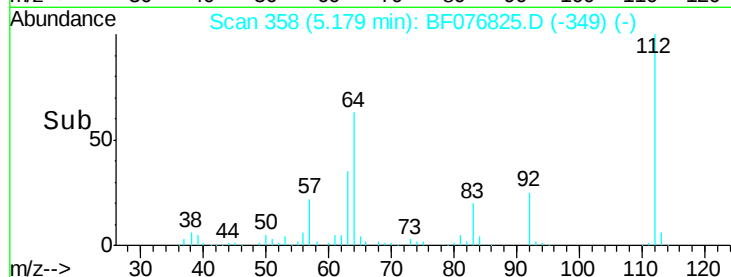
63 34.5 27.8 41.6



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: 114.07 ng

RT: 7.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF076825.D

Acq: 13 Jan 2015 2:26

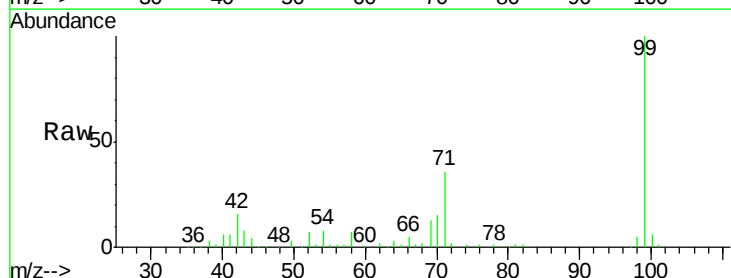
Tgt Ion: 99 Resp: 267146

Ion Ratio Lower Upper

99 100

42 16.4 13.3 19.9

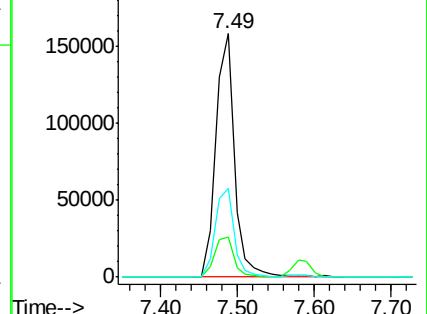
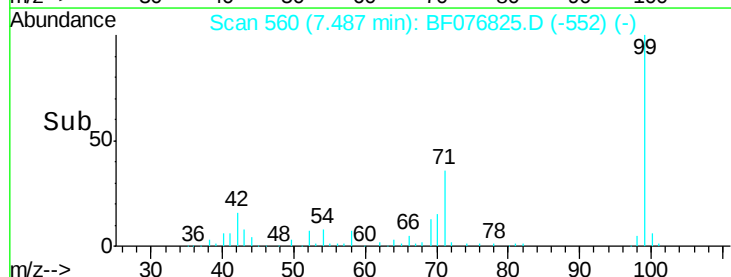
71 36.4 29.2 43.8

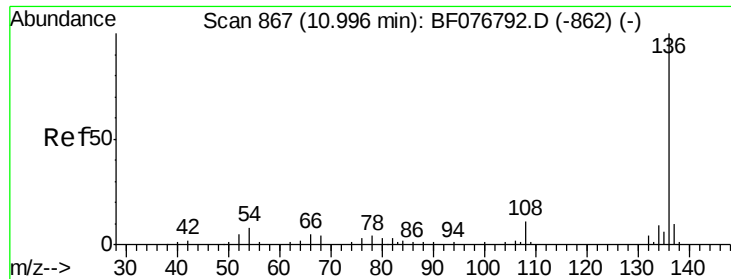


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

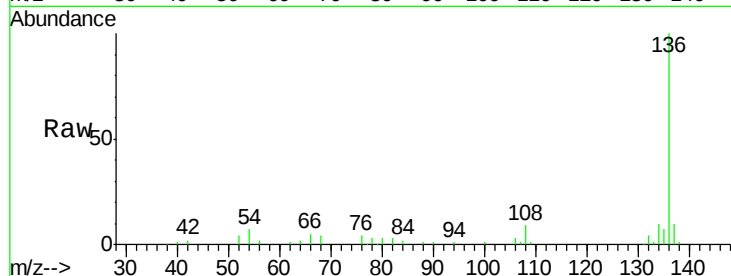




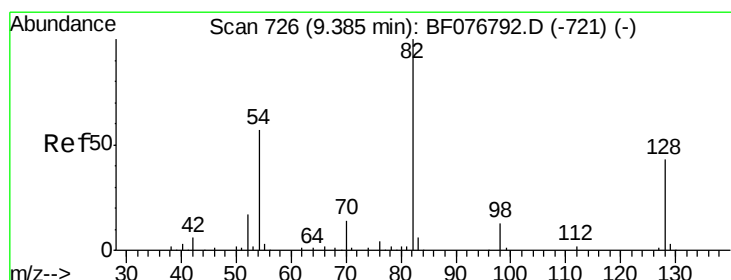
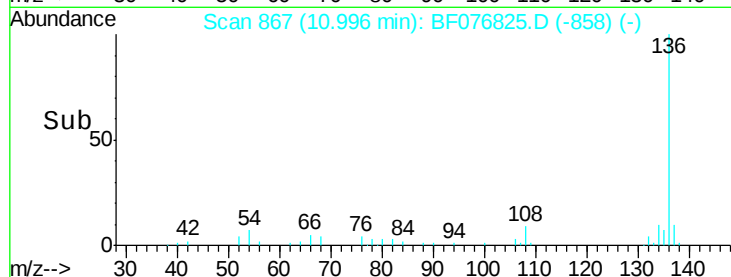
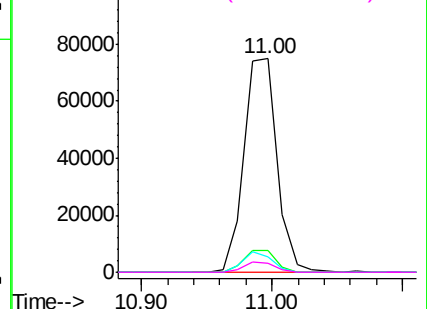
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.00 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-4

Tgt Ion:	136	Resp:	131822
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.1	12.1
54	7.1	6.3	9.5
68	4.2	3.4	5.0

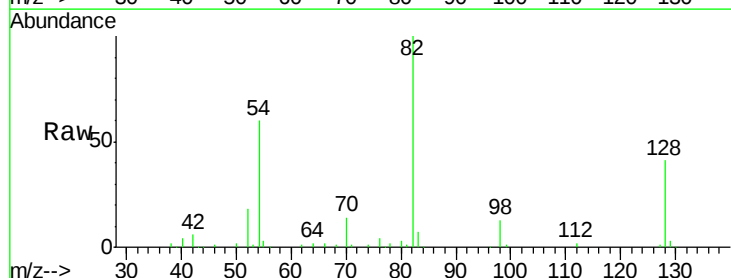


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

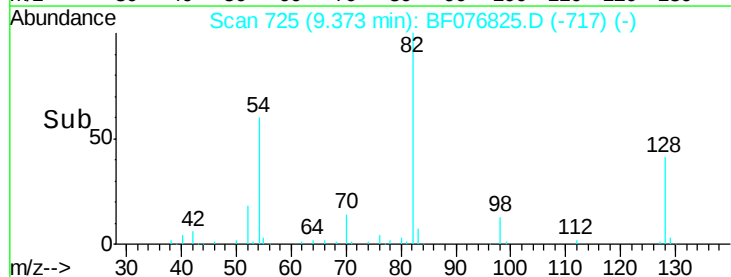
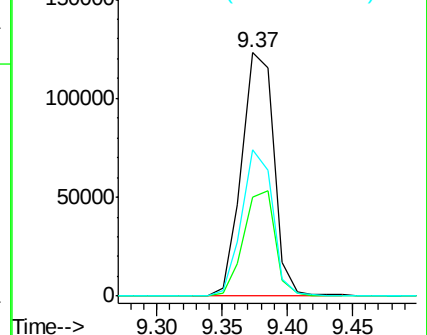


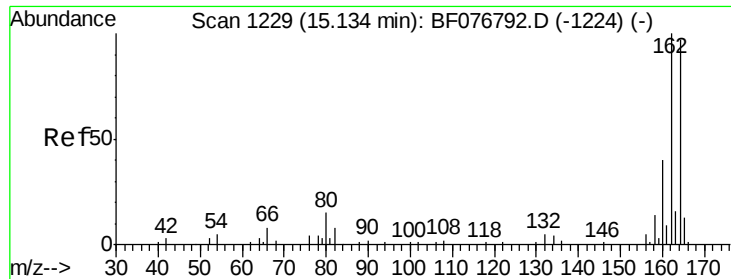
#23
Nitrobenzene-d5
Concen: 89.76 ng
RT: 9.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Tgt Ion:	82	Resp:	212920
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.0	51.0
54	60.3	45.6	68.4



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: 15.12 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF076825.D

Acq: 13 Jan 2015 2:26

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-COMPOSITE-4

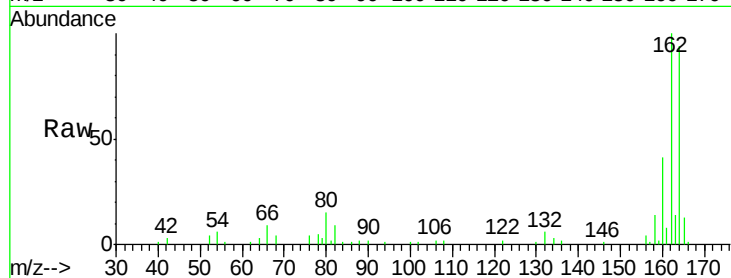
Tgt Ion:164 Resp: 70960

Ion Ratio Lower Upper

164 100

162 106.0 82.5 123.7

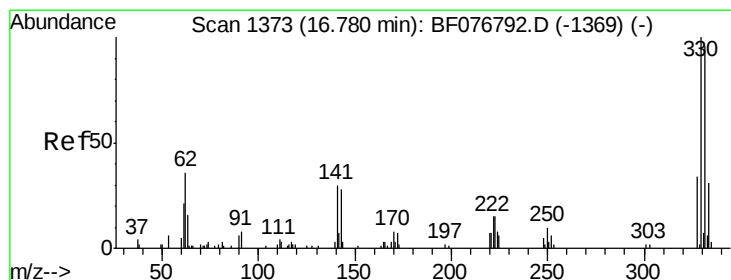
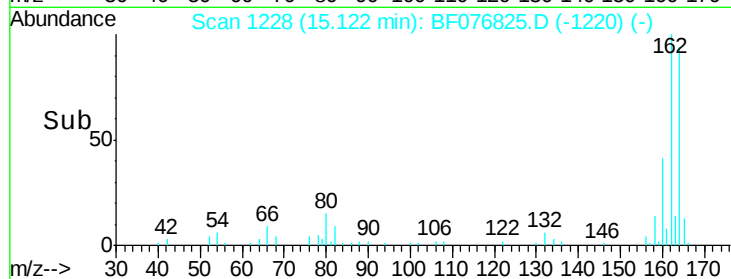
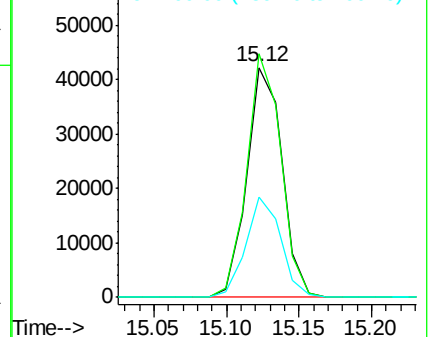
160 43.5 33.1 49.7



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: 134.61 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076825.D

Acq: 13 Jan 2015 2:26

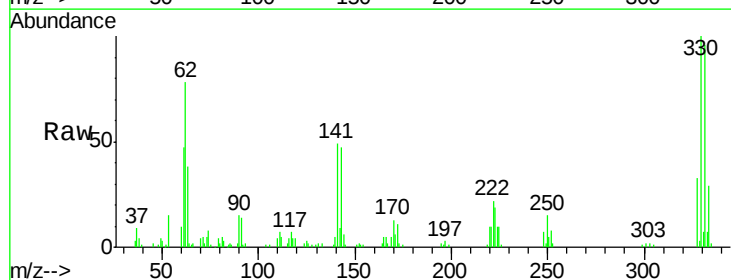
Tgt Ion:330 Resp: 79726

Ion Ratio Lower Upper

330 100

332 97.7 74.8 112.2

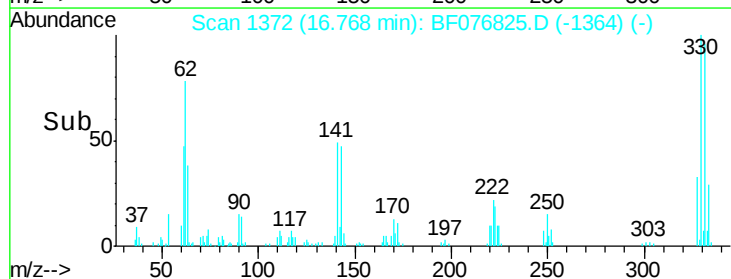
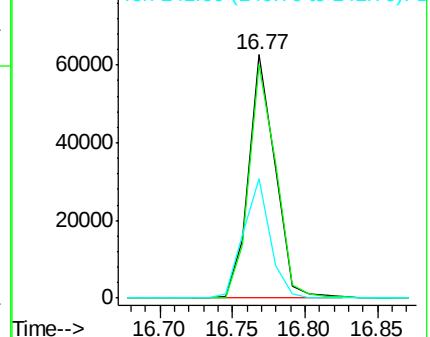
141 49.4 42.4 63.6

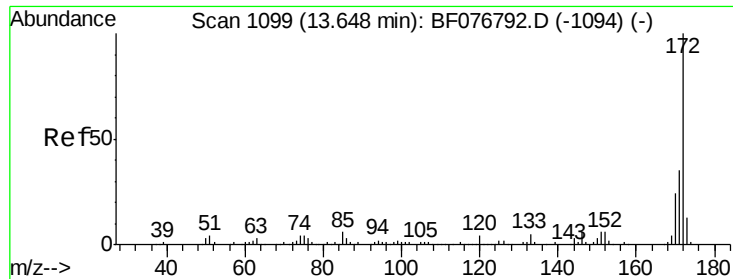


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

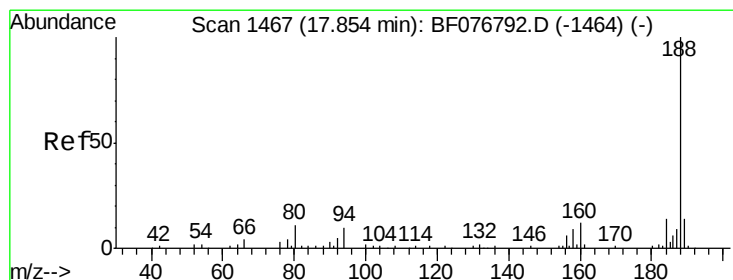
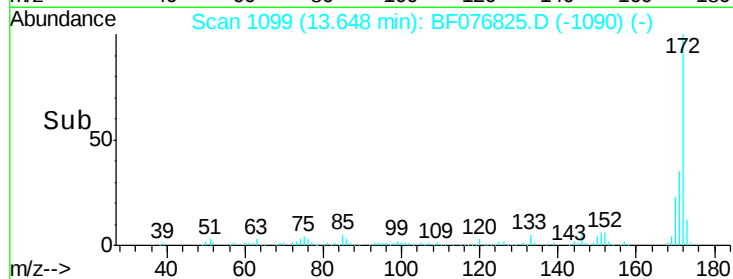
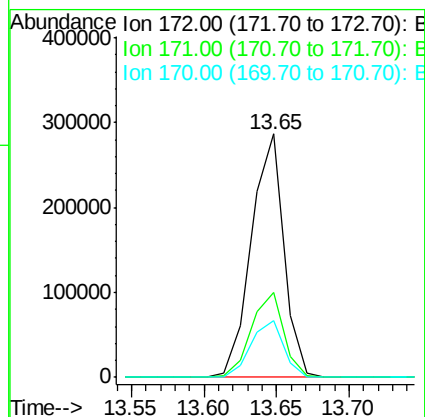
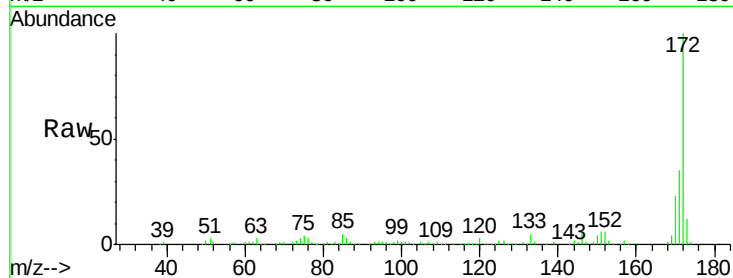




#44
 2-Fluorobiphenyl
 Concen: 92.74 ng
 RT: 13.65 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF076825.D
 Acq: 13 Jan 2015 2:26

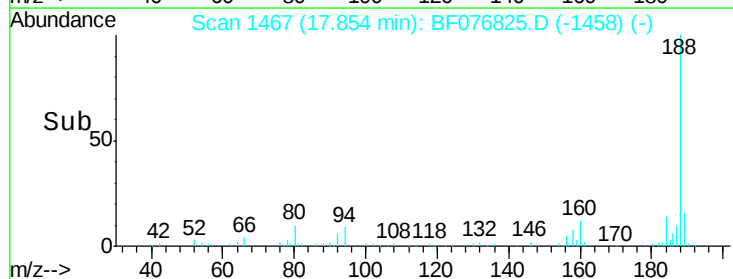
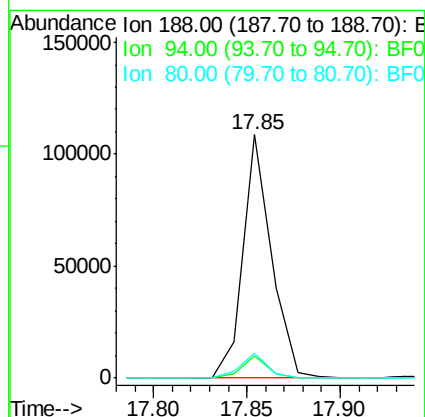
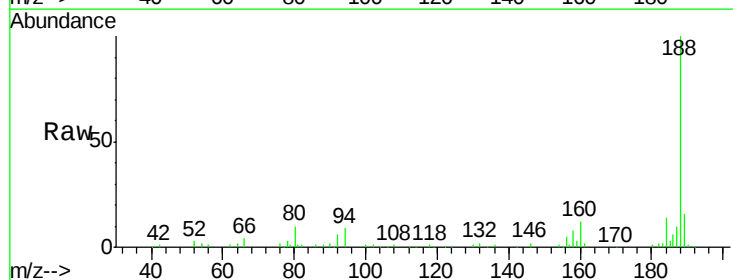
Instrument :
 BNA_F
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 DIN46-WASTE-COMPOSITE-4

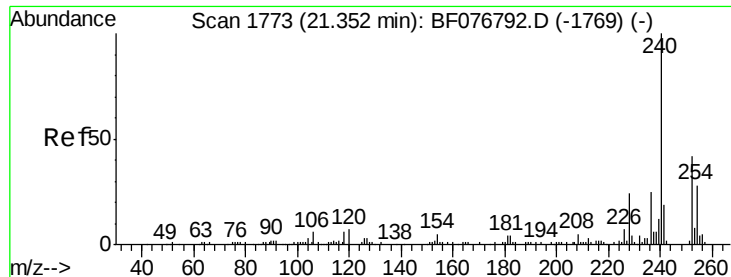
Tgt Ion:172 Resp: 447152
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.8 41.8
 170 23.4 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF076825.D
 Acq: 13 Jan 2015 2:26

Tgt Ion:188 Resp: 115179
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.8 11.6
 80 9.9 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF076825.D

Acq: 13 Jan 2015 2:26

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-COMPOSITE-4

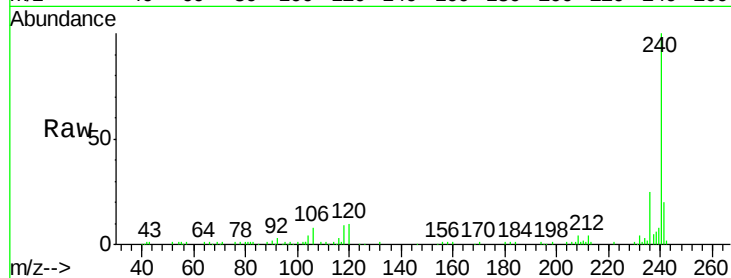
Tgt Ion:240 Resp: 105758

Ion Ratio Lower Upper

240 100

120 10.3 5.7 8.5#

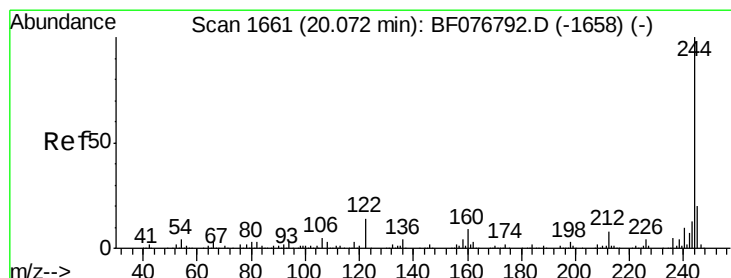
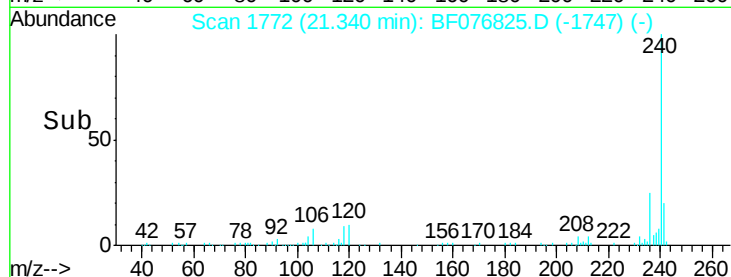
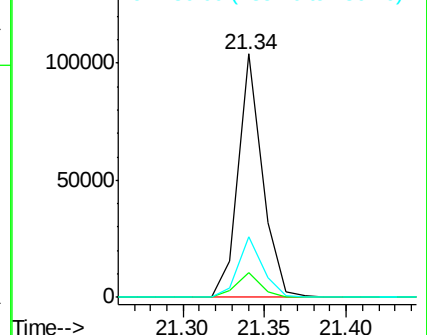
236 24.8 19.7 29.5



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: 85.41 ng

RT: 20.07 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BF076825.D

Acq: 13 Jan 2015 2:26

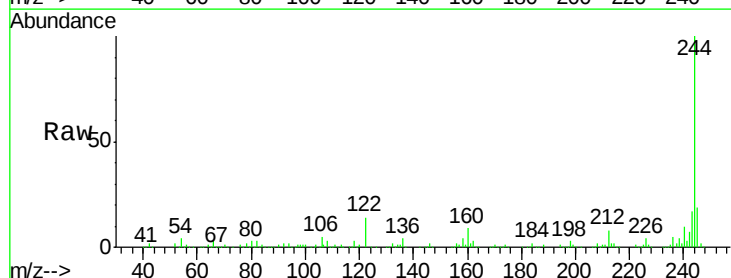
Tgt Ion:244 Resp: 411419

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

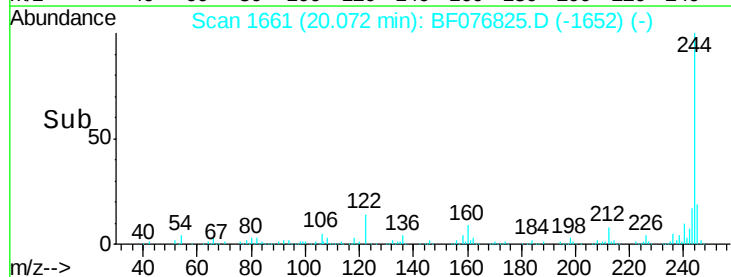
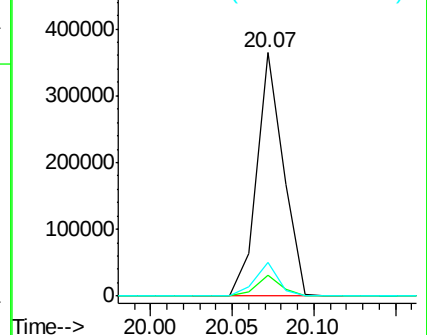
122 13.7 11.3 16.9

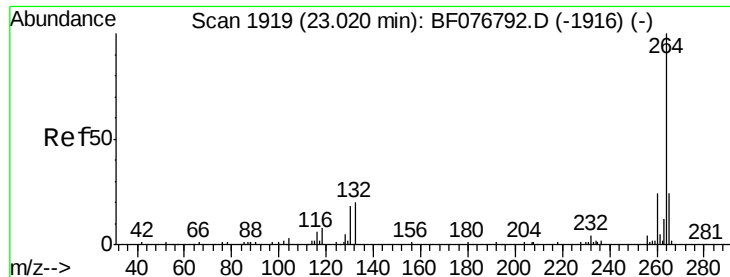


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

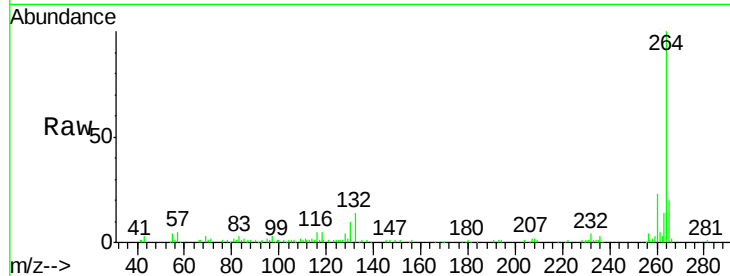




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.00 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BF076825.D
Acq: 13 Jan 2015 2:26

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE-4

Tgt Ion: 264 Resp: 93149
Ion Ratio Lower Upper
264 100
260 22.9 19.4 29.0
265 20.3 18.9 28.3



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

