

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077858.D
 Acq On : 20 Mar 2015 6:13
 Operator : TP/IZ
 Sample : G1580-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DGA-DRH-01

Quant Time: Mar 20 06:14:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 06:30:20 2015
 Response via : Initial Calibration

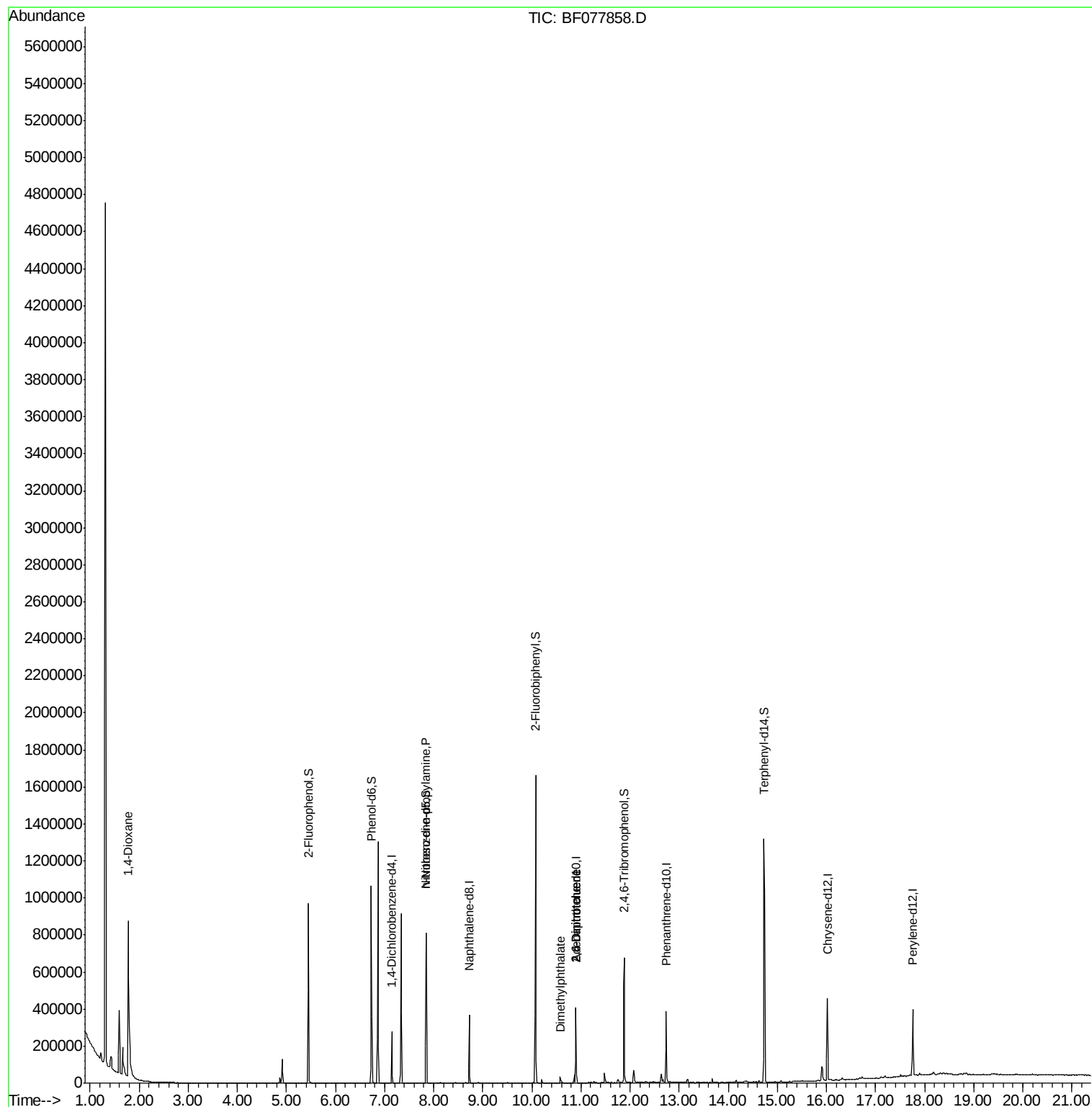
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	43646	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	174422	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	87896	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	168935	20.00	ng	0.00
75) Chrysene-d12	16.02	240	175748	20.00	ng	-0.01
86) Perylene-d12	17.76	264	170390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	342400	136.94	ng	0.01
7) Phenol-d6	6.73	99	402145	130.17	ng	0.00
23) Nitrobenzene-d5	7.85	82	259040	97.35	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	108158	128.61	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	531094	88.80	ng	0.00
78) Terphenyl-d14	14.73	244	610173	84.81	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.78	88	36803	32.42	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	32409	15.16	ng	# 77
49) Dimethylphthalate	10.58	163	15653	2.40	ng	# 95
50) 2,6-Dinitrotoluene	10.90	165	11006	8.14	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	11003	6.24	ng	# 11
76) Benzidine	14.43	184	1804	Below Cal		# 68

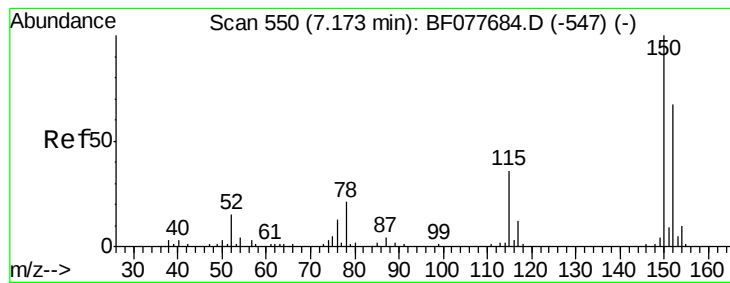
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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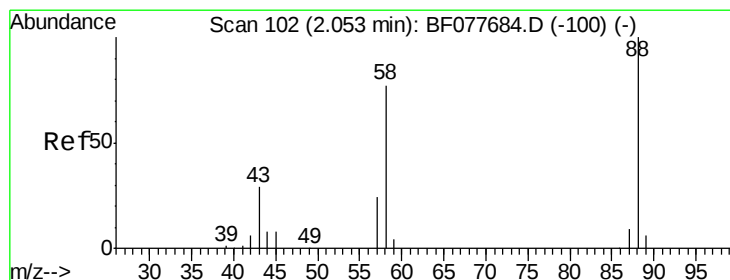
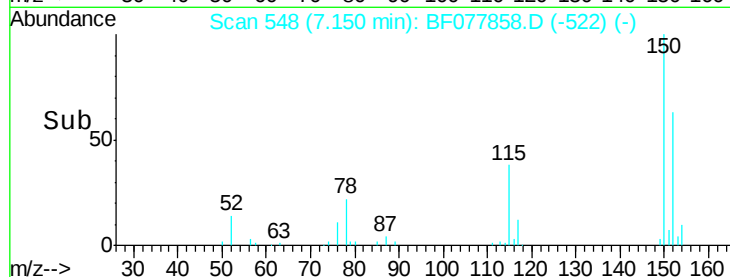
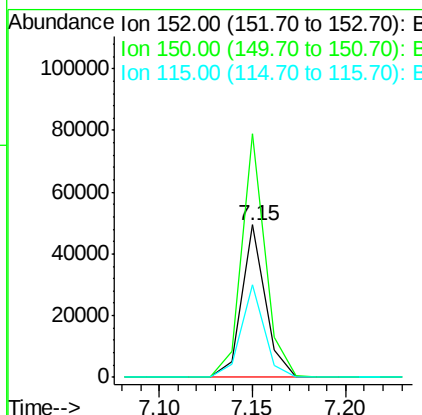
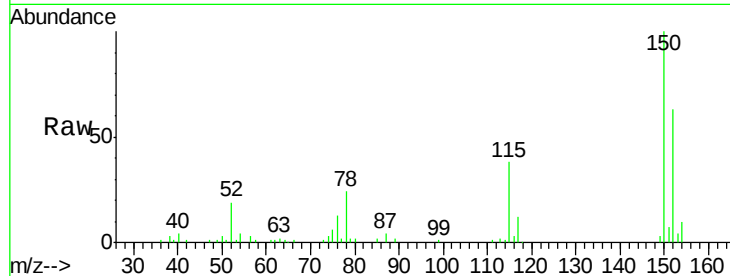




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.15 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF077858.D
 Acq: 20 Mar 2015 6:13

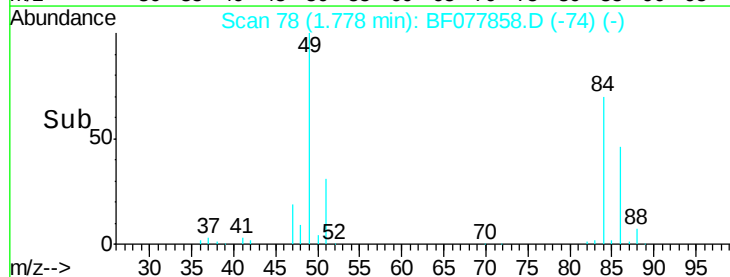
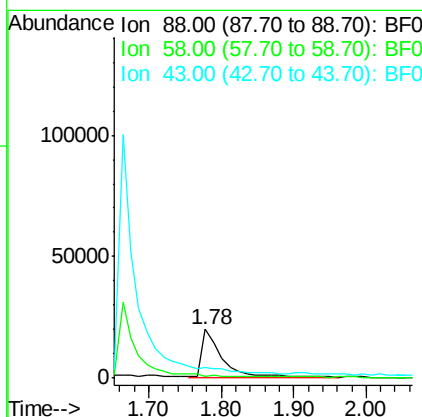
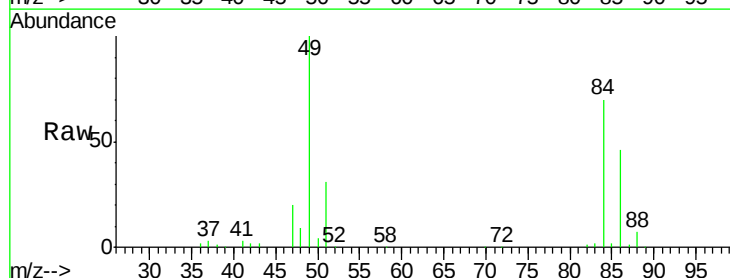
Instrument :
 BNA_F
 ClientSampled :
 DGA-DRH-01

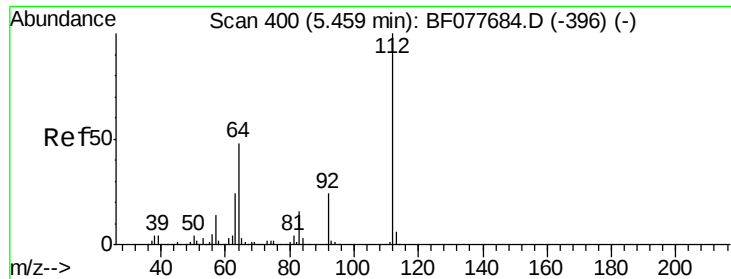
Tgt Ion:152 Resp: 43646
 Ion Ratio Lower Upper
 152 100
 150 159.5 119.5 179.3
 115 60.7 43.0 64.4



#2
 1,4-Dioxane
 Concen: 32.42 ng
 RT: 1.78 min Scan# 78
 Delta R.T. -0.25 min
 Lab File: BF077858.D
 Acq: 20 Mar 2015 6:13

Tgt Ion: 88 Resp: 36803
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0





#5

2-Fluorophenol

Concen: 136.94 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077858.D

Acq: 20 Mar 2015 6:13

Instrument :

BNA_F

ClientSampleId :

DGA-DRH-01

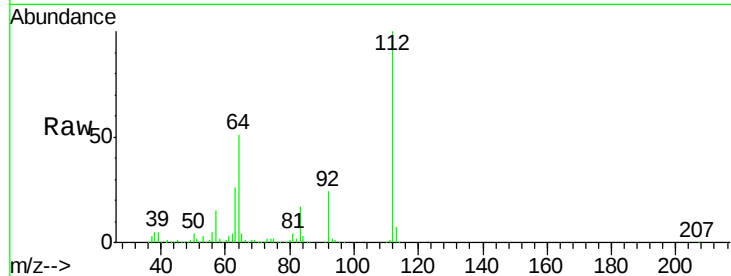
Tgt Ion: 112 Resp: 342400

Ion Ratio Lower Upper

112 100

64 50.9 38.6 57.8

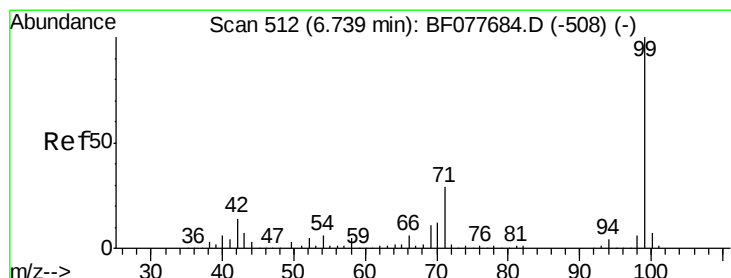
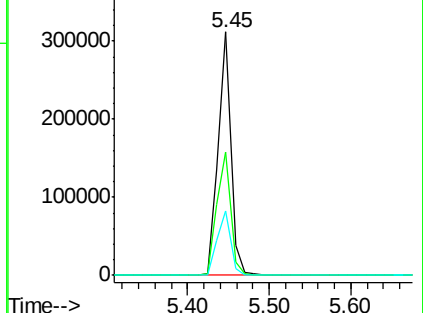
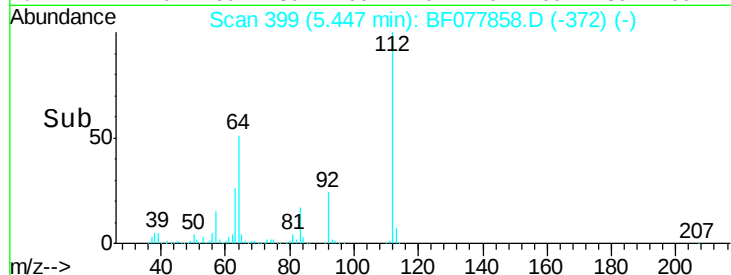
63 26.3 19.3 28.9



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: 130.17 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077858.D

Acq: 20 Mar 2015 6:13

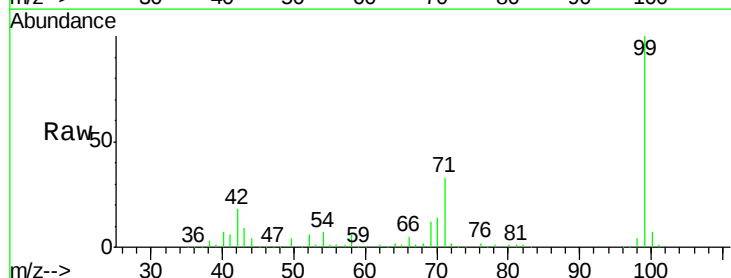
Tgt Ion: 99 Resp: 402145

Ion Ratio Lower Upper

99 100

42 18.1 11.0 16.4#

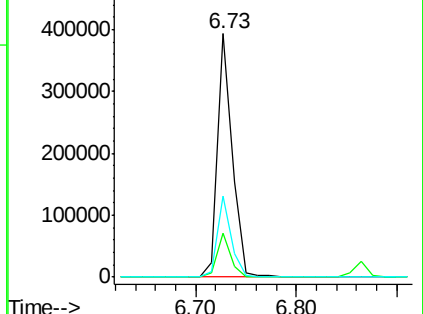
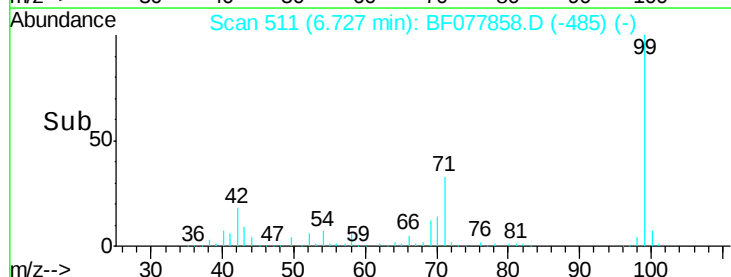
71 33.2 23.4 35.2

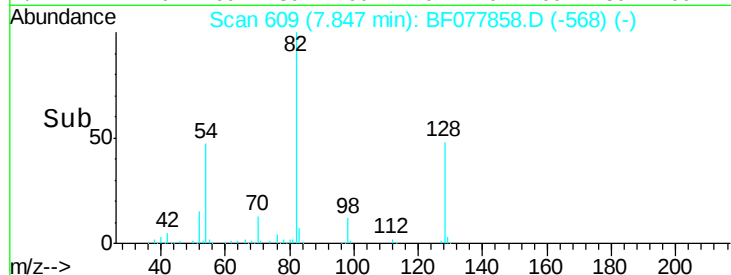
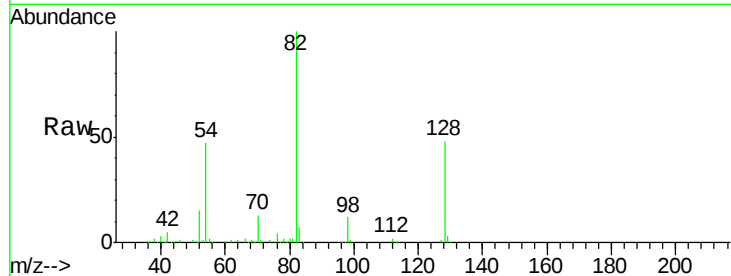
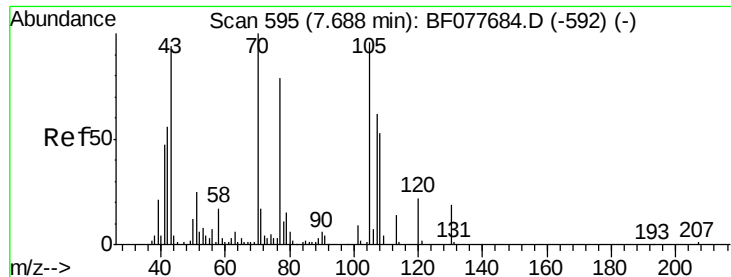


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

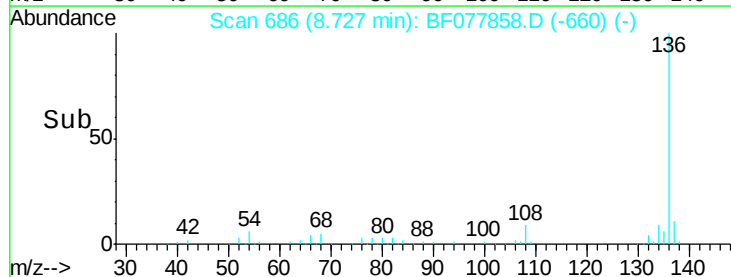
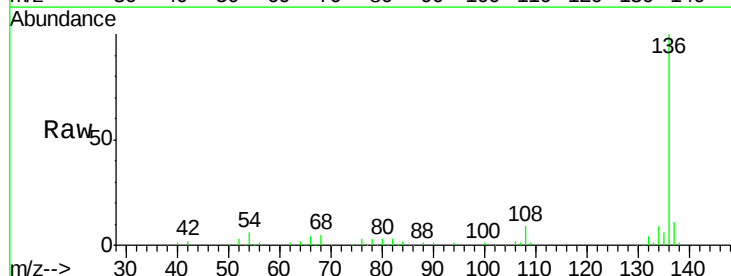
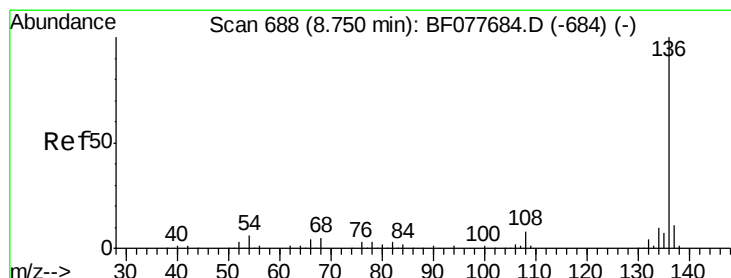
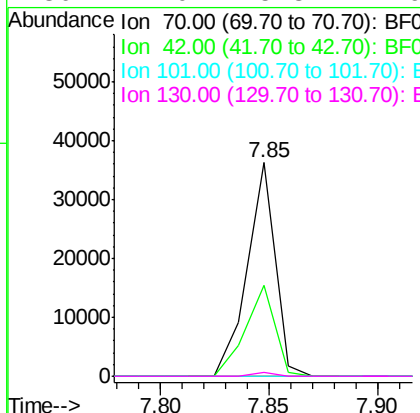




#19
n-Nitroso-di-n-propylamine
Concen: 15.16 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077858.D
Acq: 20 Mar 2015 6:13

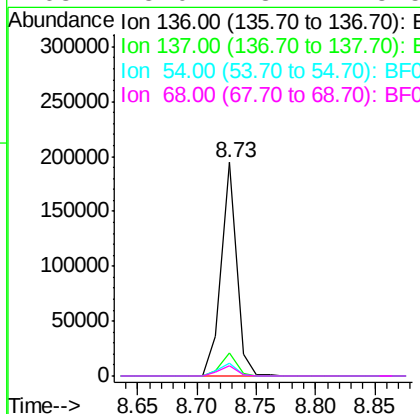
Instrument :
BNA_F
ClientSampleId :
DGA-DRH-01

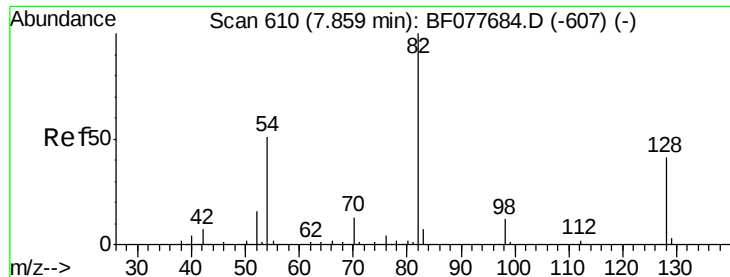
Tgt Ion: 70 Resp: 32409
Ion Ratio Lower Upper
70 100
42 42.8 44.5 66.7#
101 0.0 7.4 11.2#
130 2.0 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077858.D
Acq: 20 Mar 2015 6:13

Tgt Ion: 136 Resp: 174422
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.3 4.6 6.8
68 5.0 3.7 5.5

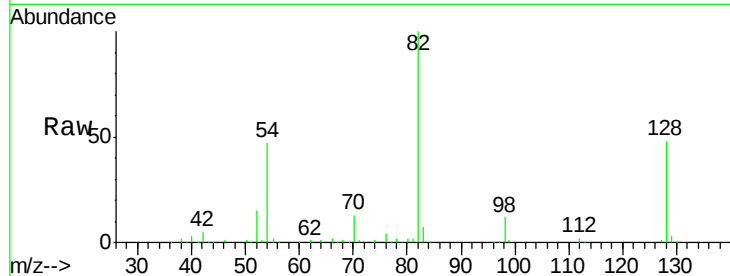




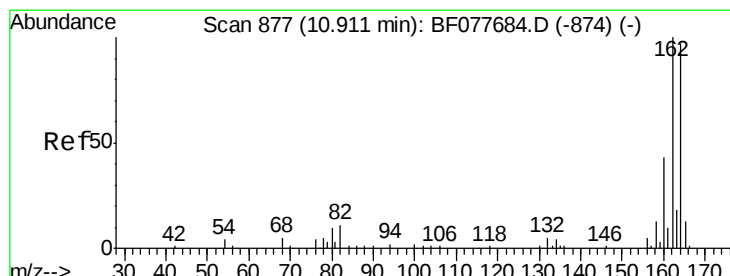
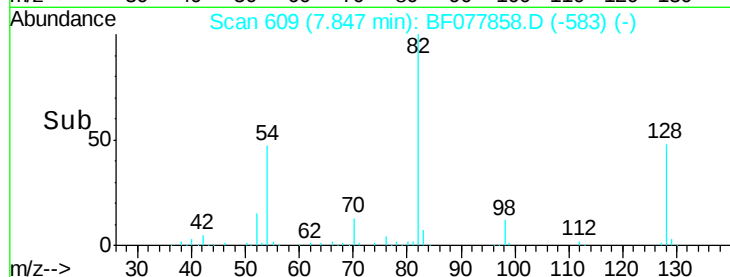
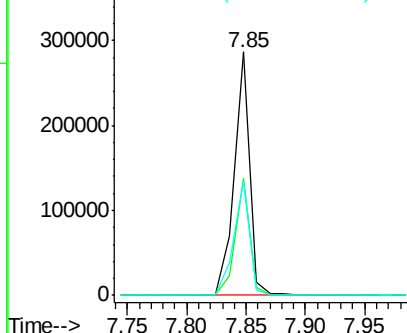
#23
Nitrobenzene-d5
Concen: 97.35 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF077858.D
Acq: 20 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
DGA-DRH-01

Tgt Ion	Resp	Lower	Upper
82	259040		
128	47.9	32.8	49.2
54	46.7	40.6	60.8

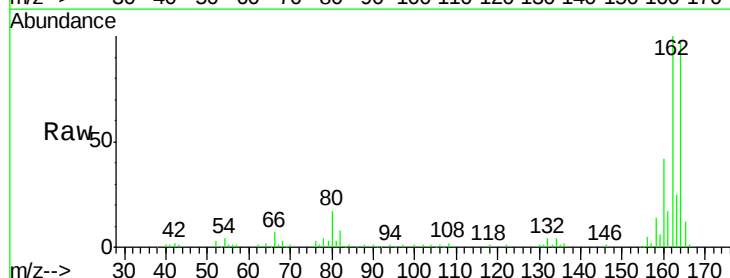


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

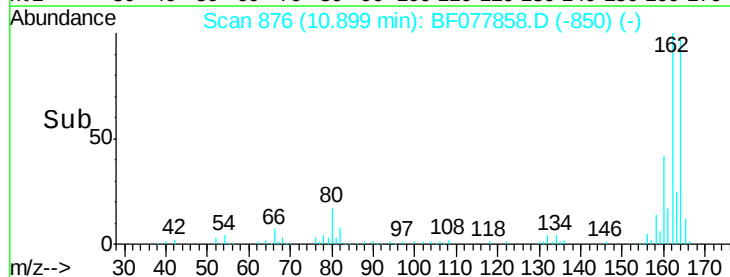
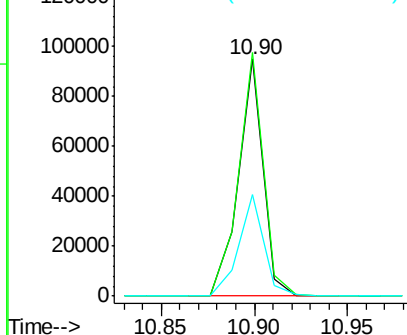


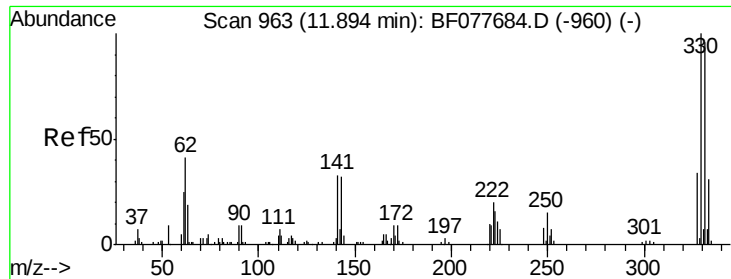
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF077858.D
Acq: 20 Mar 2015 6:13

Tgt Ion	Resp	Lower	Upper
164	87896		
162	102.9	82.4	123.6
160	42.9	35.8	53.6



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

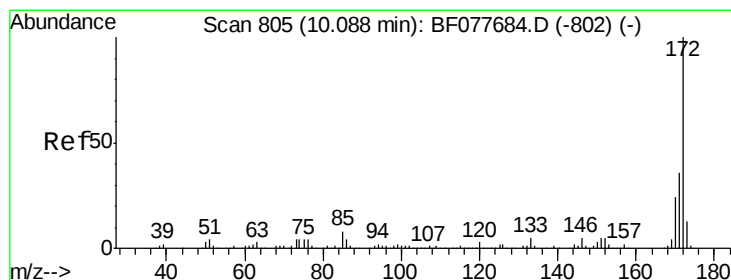
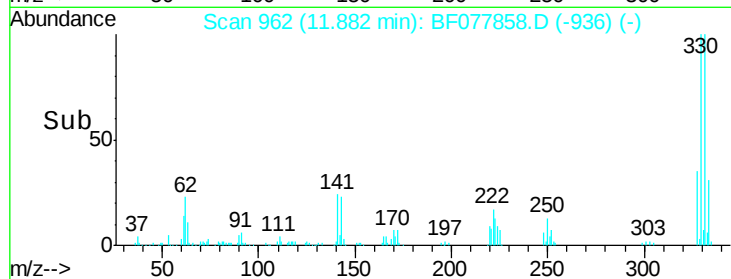
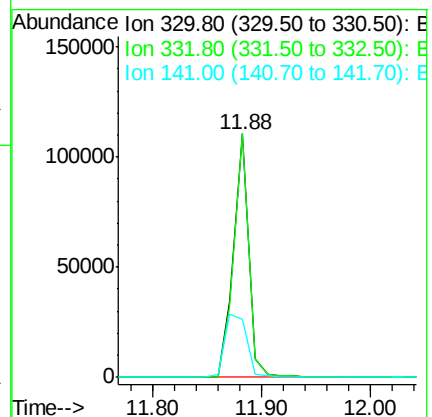
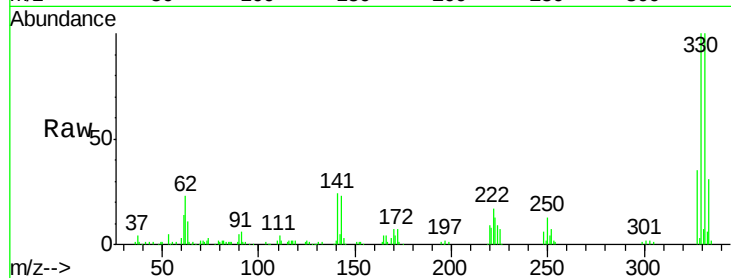




#41
 2,4,6-Tribromophenol
 Concen: 128.61 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF077858.D
 Acq: 20 Mar 2015 6:13

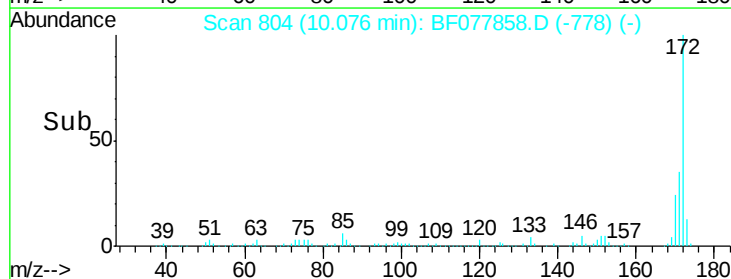
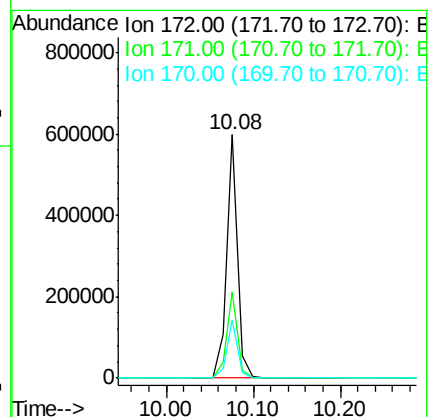
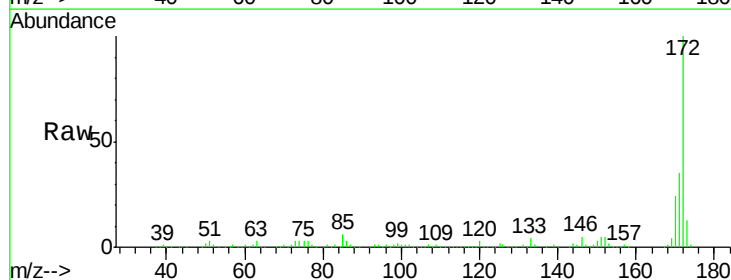
Instrument :
 BNA_F
 ClientSampleId :
 DGA-DRH-01

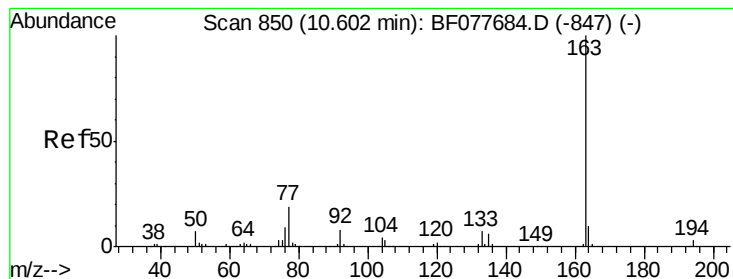
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	36.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 88.80 ng
 RT: 10.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF077858.D
 Acq: 20 Mar 2015 6:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.6	18.8	28.2





#49

Dimethylphthalate

Concen: 2.40 ng

RT: 10.58 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF077858.D

Acq: 20 Mar 2015 6:13

Instrument :

BNA_F

ClientSampleId :

DGA-DRH-01

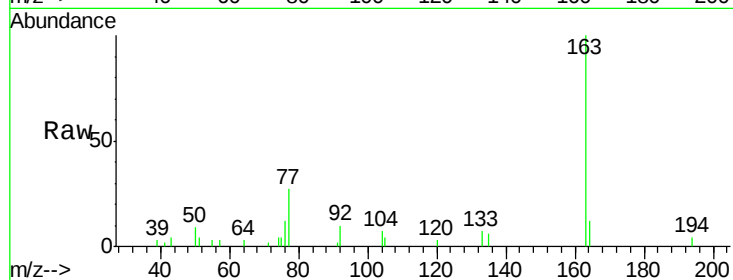
Tgt Ion:163 Resp: 15653

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

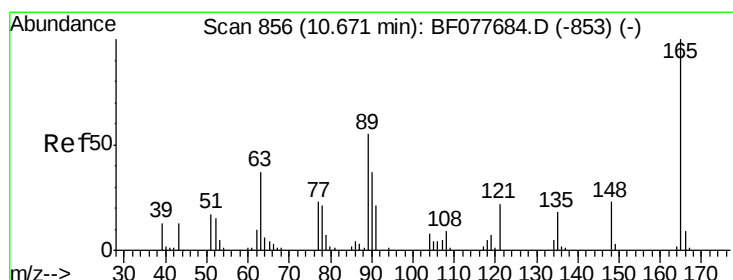
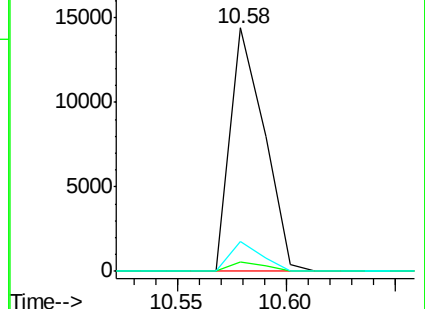
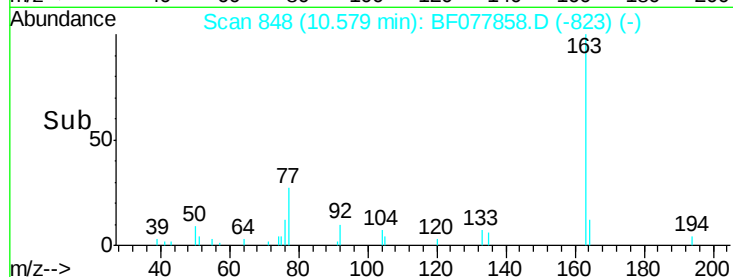
164 12.3 8.2 12.2#



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



#50

2,6-Dinitrotoluene

Concen: 8.14 ng

RT: 10.90 min Scan# 876

Delta R.T. 0.24 min

Lab File: BF077858.D

Acq: 20 Mar 2015 6:13

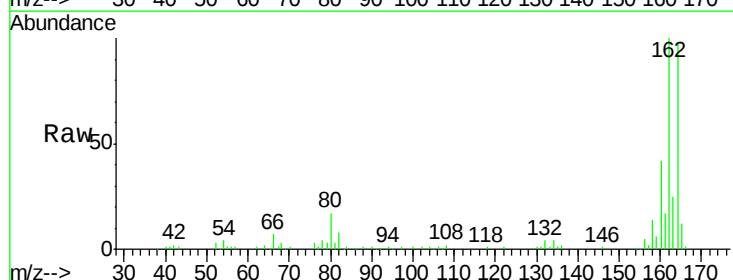
Tgt Ion:165 Resp: 11006

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

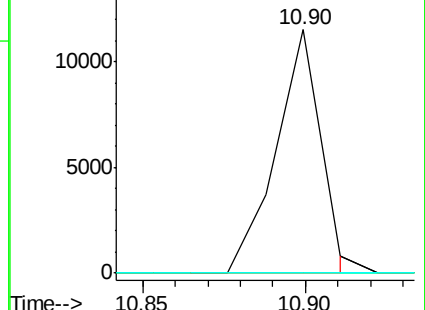
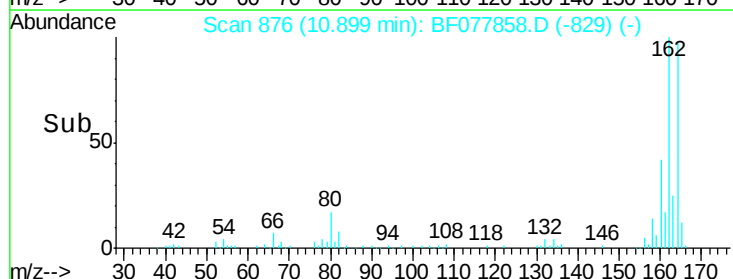
89 0.0 44.3 66.5#

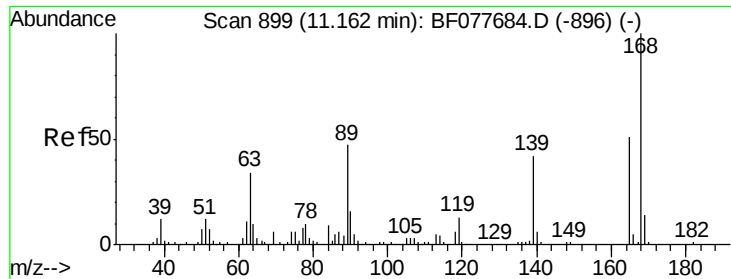


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

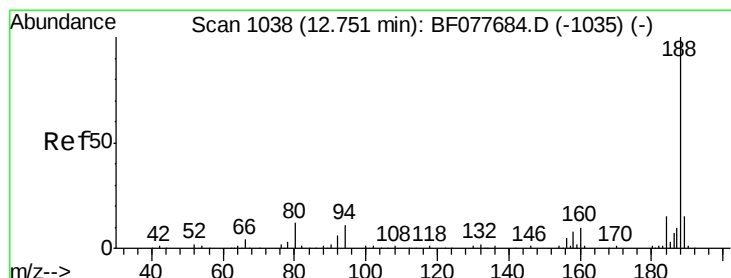
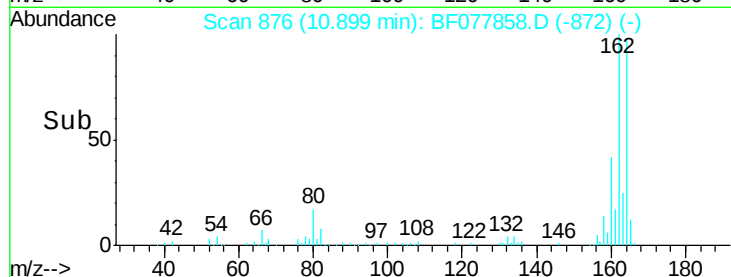
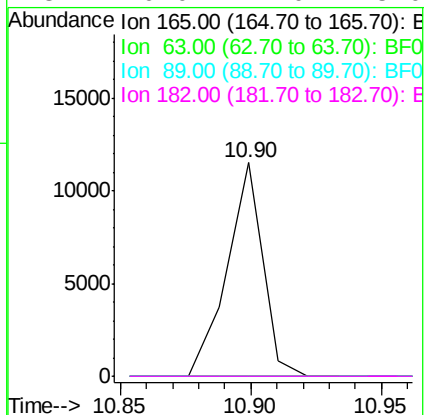
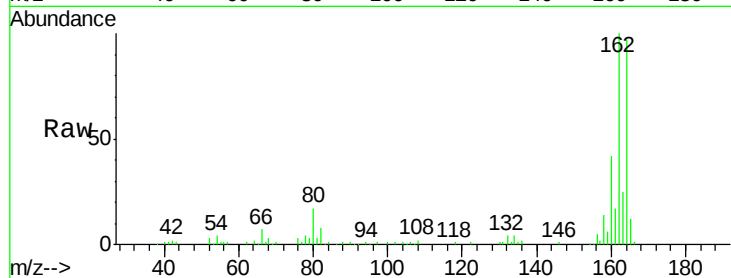




#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.25 min
 Lab File: BF077858.D
 Acq: 20 Mar 2015 6:13

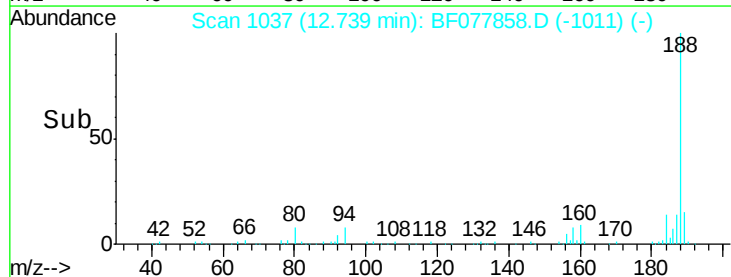
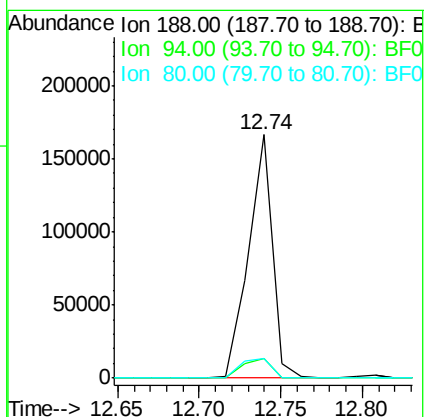
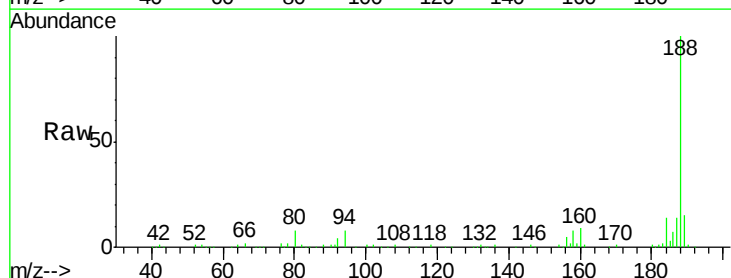
Instrument :
 BNA_F
 ClientSampleId :
 DGA-DRH-01

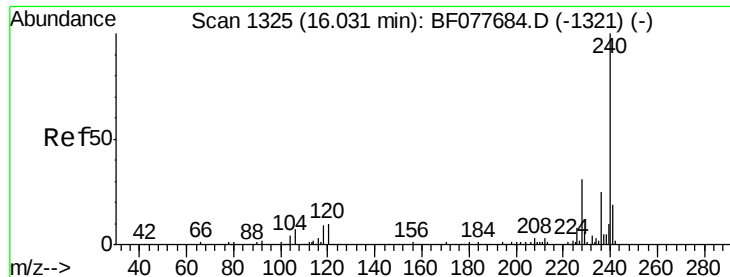
Tgt Ion:165 Resp: 11003
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.4 78.6#
 89 0.0 72.4 108.6#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF077858.D
 Acq: 20 Mar 2015 6:13

Tgt Ion:188 Resp: 168935
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.7 13.1#
 80 8.1 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077858.D

Acq: 20 Mar 2015 6:13

Instrument :

BNA_F

ClientSampleId :

DGA-DRH-01

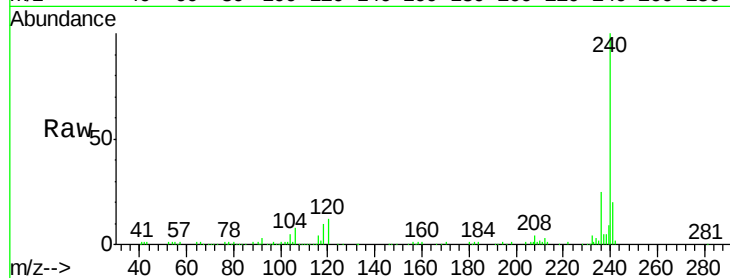
Tgt Ion:240 Resp: 175748

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.2

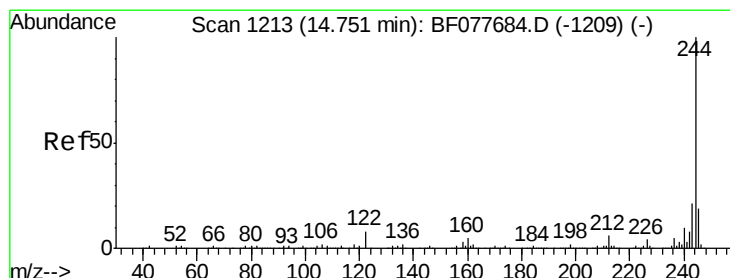
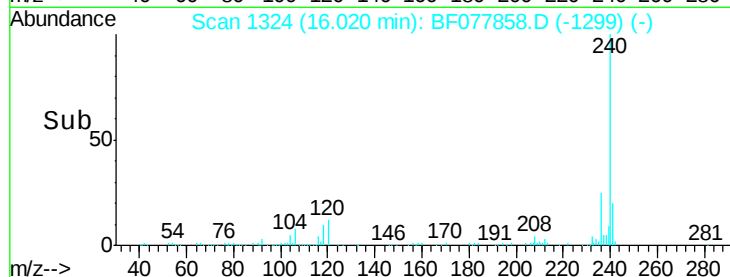
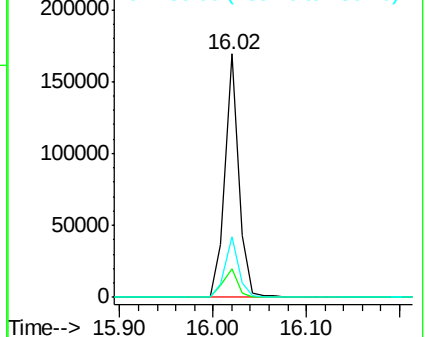
236 25.0 20.0 30.0



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: 84.81 ng

RT: 14.73 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF077858.D

Acq: 20 Mar 2015 6:13

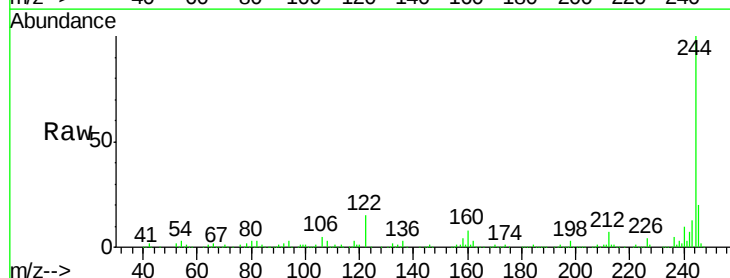
Tgt Ion:244 Resp: 610173

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3#

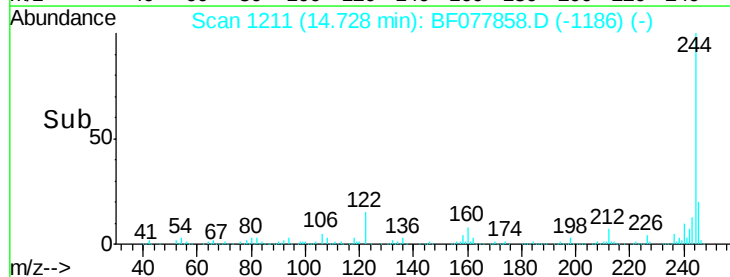
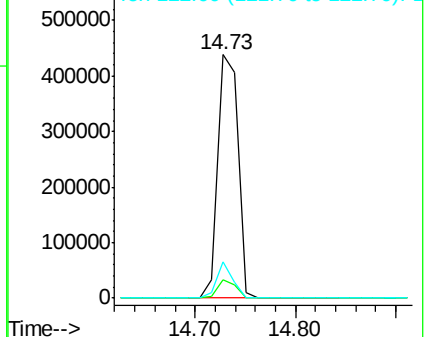
122 15.1 6.2 9.4#

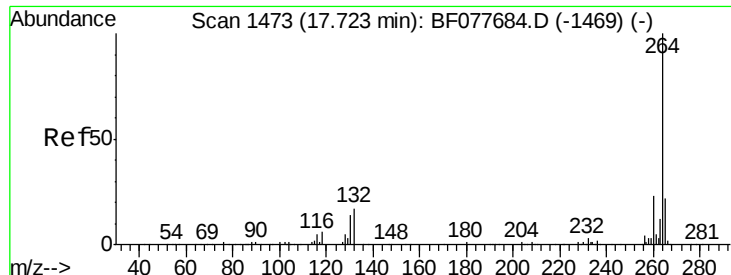


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.76 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF077858.D
Acq: 20 Mar 2015 6:13

Instrument :
BNA_F
ClientSampleId :
DGA-DRH-01

Tgt Ion: 264 Resp: 170390
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 21.7 17.3 25.9

