

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032515\
 Data File : BF077982.D
 Acq On : 26 Mar 2015 7:23
 Operator : TP/IZ
 Sample : G1643-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-15

Quant Time: Mar 26 07:12:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 00:45:24 2015
 Response via : Initial Calibration

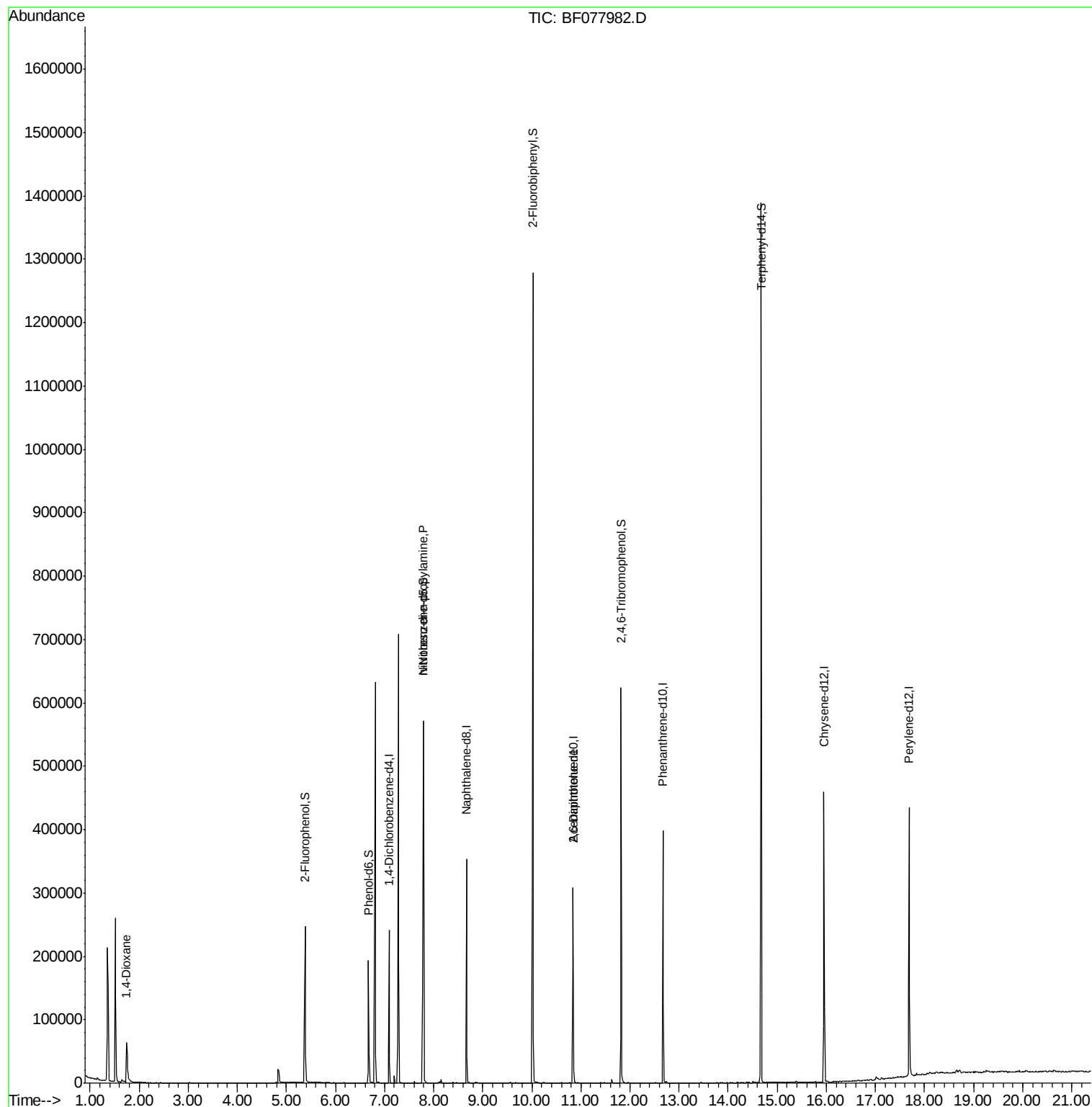
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	39594	20.00	ng	0.00
21) Naphthalene-d8	8.67	136	159931	20.00	ng	0.00
38) Acenaphthene-d10	10.84	164	78199	20.00	ng	0.00
63) Phenanthrene-d10	12.67	188	161018	20.00	ng	-0.01
75) Chrysene-d12	15.95	240	183439	20.00	ng	-0.02
86) Perylene-d12	17.69	264	186740	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	96045	42.34	ng	0.00
7) Phenol-d6	6.67	99	73757	26.32	ng	0.00
23) Nitrobenzene-d5	7.79	82	186434	76.41	ng	0.00
41) 2,4,6-Tribromophenol	11.81	330	74634	99.75	ng	-0.01
44) 2-Fluorobiphenyl	10.02	172	414969	77.99	ng	0.00
78) Terphenyl-d14	14.67	244	520527	69.31	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.74	88	2339	2.27	ng	# 100
19) n-Nitroso-di-n-propylamine	7.79	70	23477	12.11	ng	# 75
50) 2,6-Dinitrotoluene	10.84	165	10307	8.57	ng	# 24
76) Benzidine	14.37	184	1362	Below Cal		# 68

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

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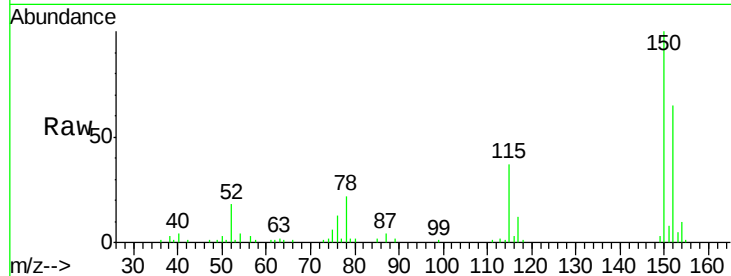




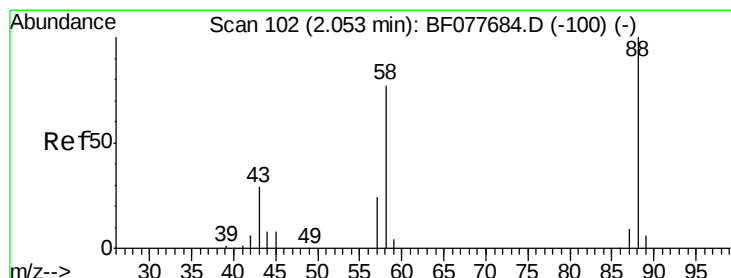
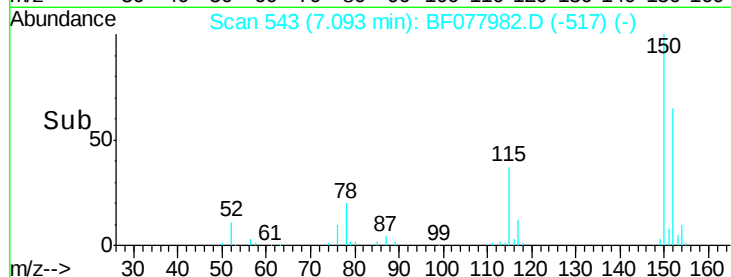
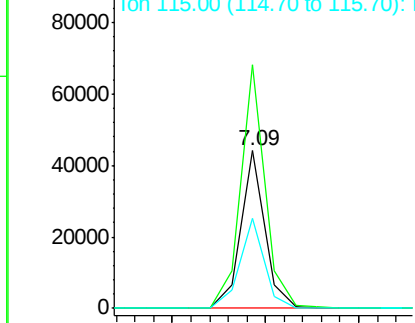
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. 0.00 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-15

Tgt Ion:152 Resp: 39594
 Ion Ratio Lower Upper
 152 100
 150 154.8 119.5 179.3
 115 56.9 43.0 64.4

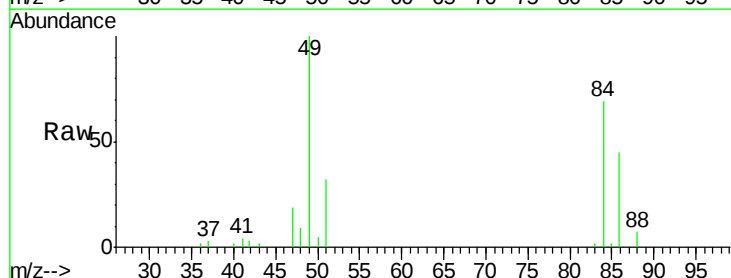


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

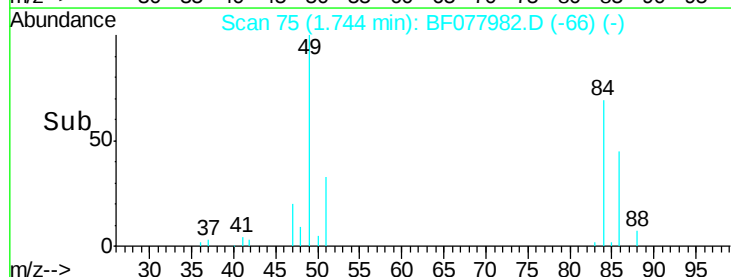
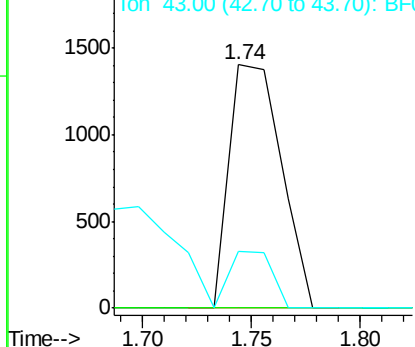


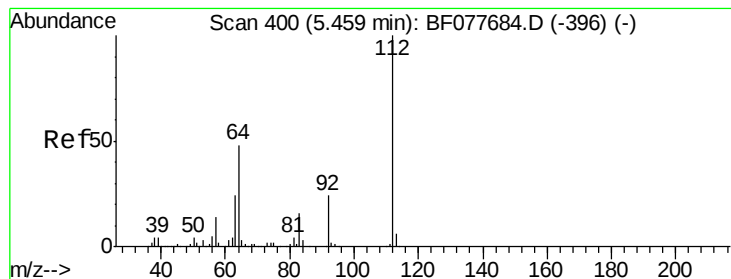
#2
 1,4-Dioxane
 Concen: 2.27 ng
 RT: 1.74 min Scan# 75
 Delta R.T. -0.19 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Tgt Ion: 88 Resp: 2339
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 19.0 0.0 0.0#



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: 42.34 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF077982.D

Acq: 26 Mar 2015 7:23

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-23-15

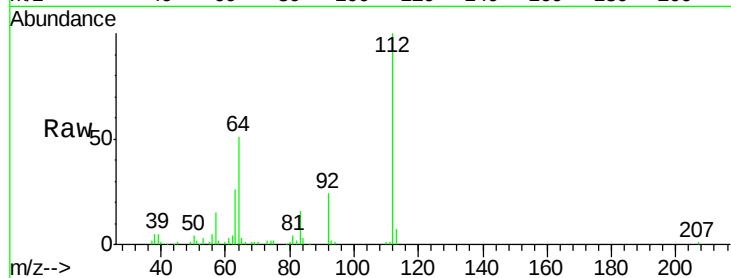
Tgt Ion: 112 Resp: 96045

Ion Ratio Lower Upper

112 100

64 51.3 38.6 57.8

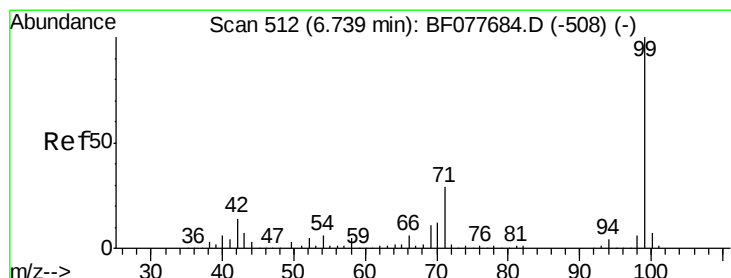
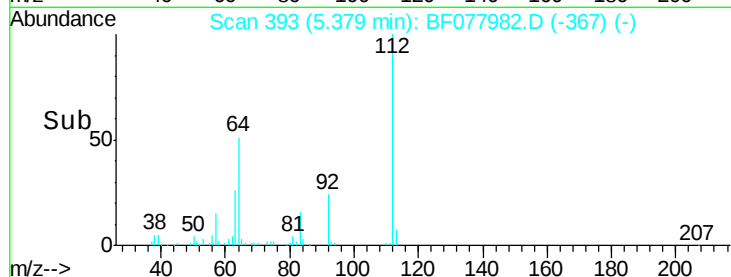
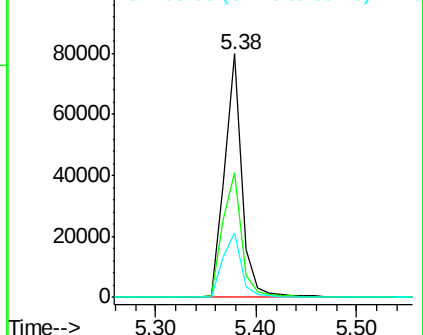
63 26.3 19.3 28.9



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: 26.32 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF077982.D

Acq: 26 Mar 2015 7:23

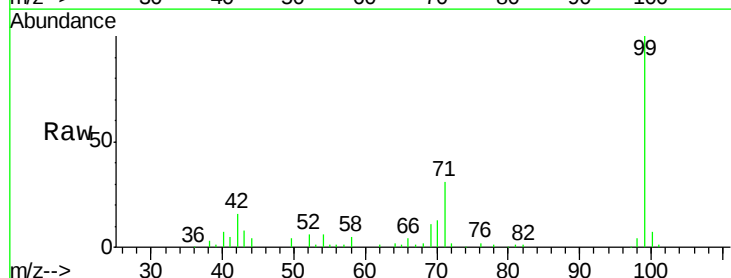
Tgt Ion: 99 Resp: 73757

Ion Ratio Lower Upper

99 100

42 16.0 11.0 16.4

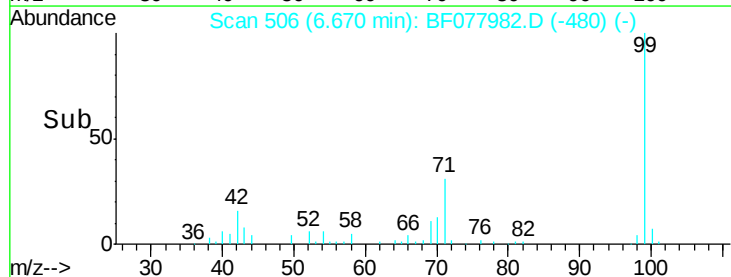
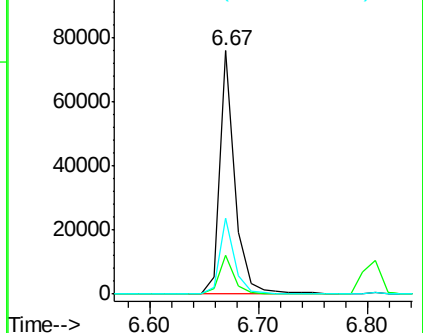
71 31.1 23.4 35.2

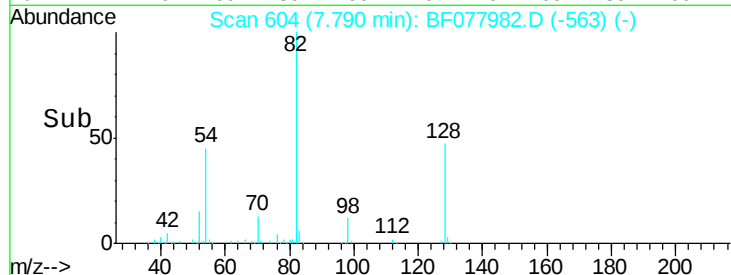
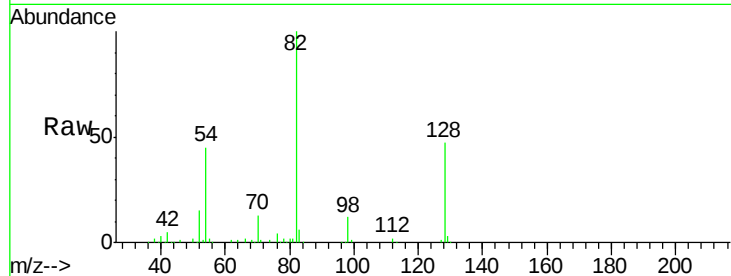
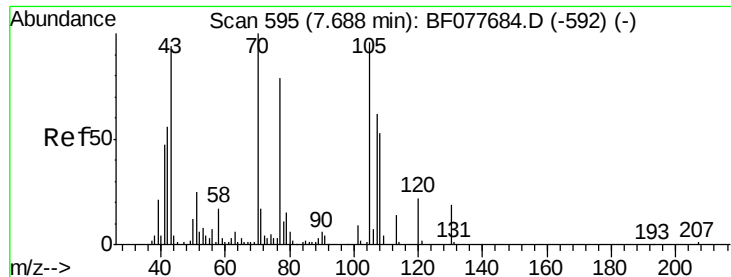


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

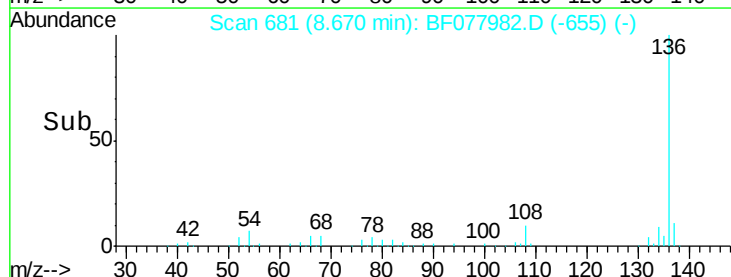
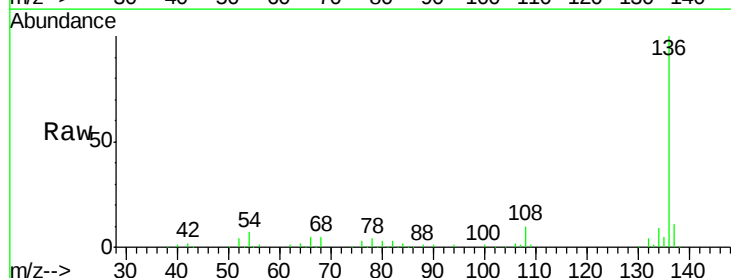
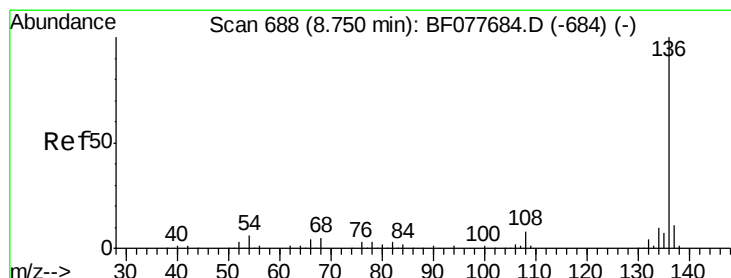
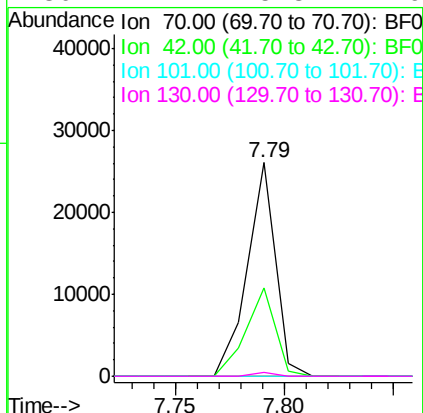




#19
n-Nitroso-di-n-propylamine
Concen: 12.11 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.17 min
Lab File: BF077982.D
Acq: 26 Mar 2015 7:23

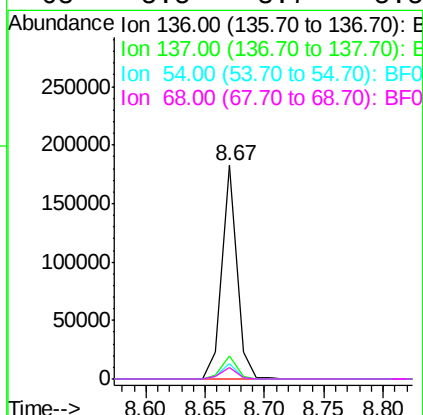
Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-23-15

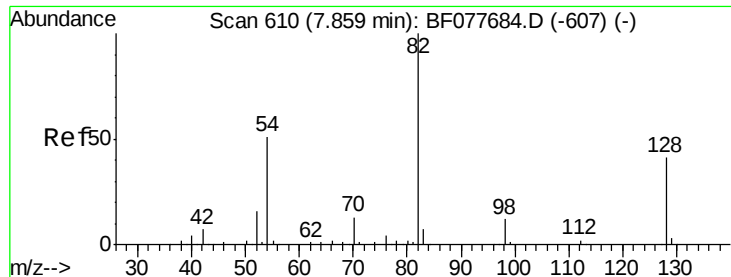
Tgt Ion: 70 Resp: 23477
Ion Ratio Lower Upper
70 100
42 41.2 44.5 66.7#
101 0.0 7.4 11.2#
130 2.1 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF077982.D
Acq: 26 Mar 2015 7:23

Tgt Ion: 136 Resp: 159931
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.9 4.6 6.8#
68 5.5 3.7 5.5

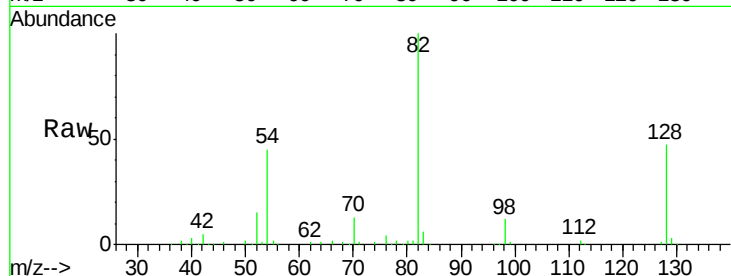




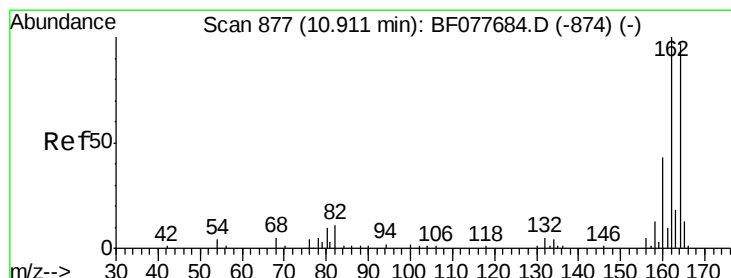
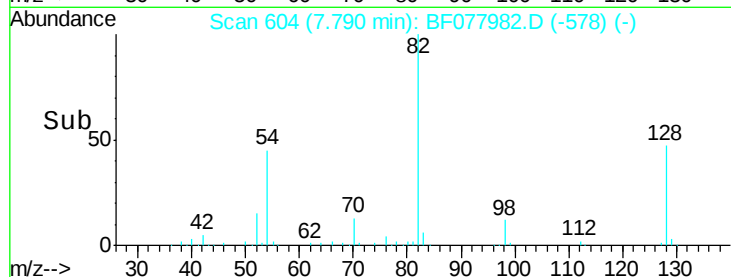
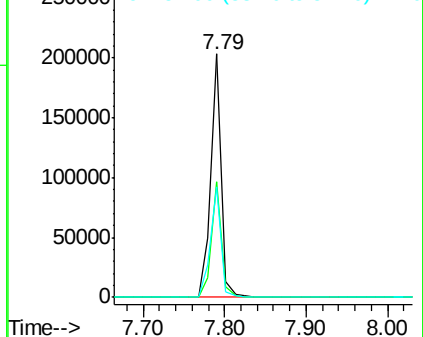
#23
 Nitrobenzene-d5
 Concen: 76.41 ng
 RT: 7.79 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-15

Tgt Ion: 82 Resp: 186434
 Ion Ratio Lower Upper
 82 100
 128 47.4 32.8 49.2
 54 45.2 40.6 60.8

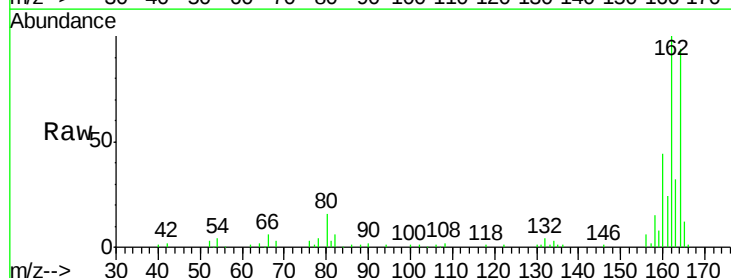


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

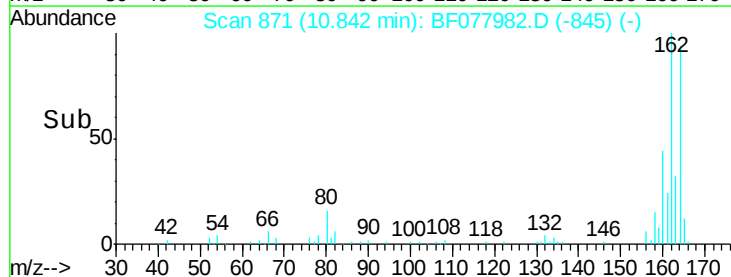
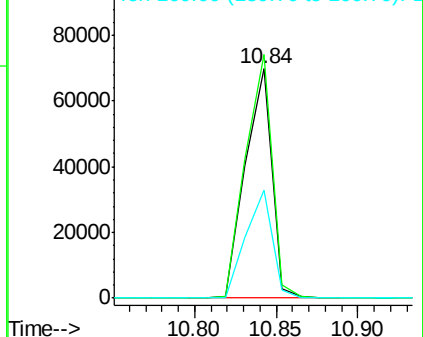


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Tgt Ion: 164 Resp: 78199
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.4 123.6
 160 47.2 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

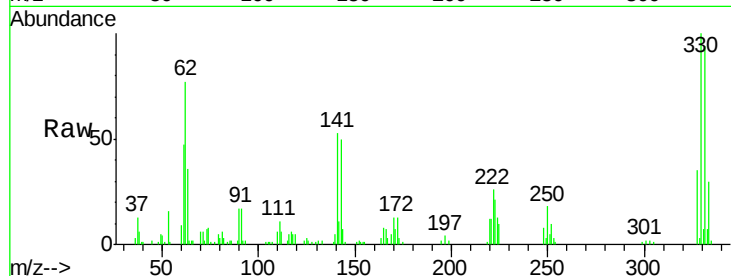




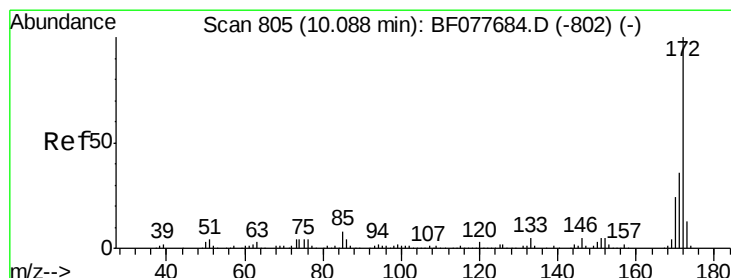
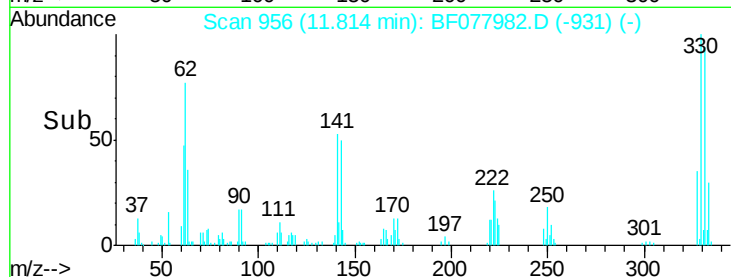
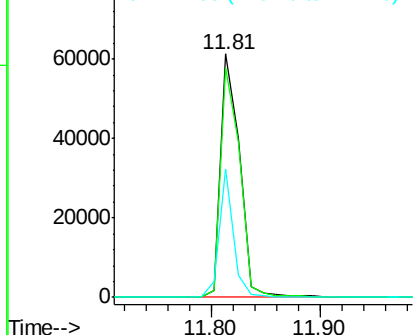
#41
 2,4,6-Tribromophenol
 Concen: 99.75 ng
 RT: 11.81 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-15

Tgt Ion:330 Resp: 74634
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 39.5 0.0 0.0#

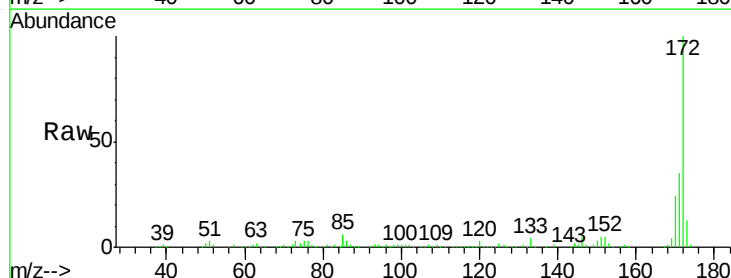


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

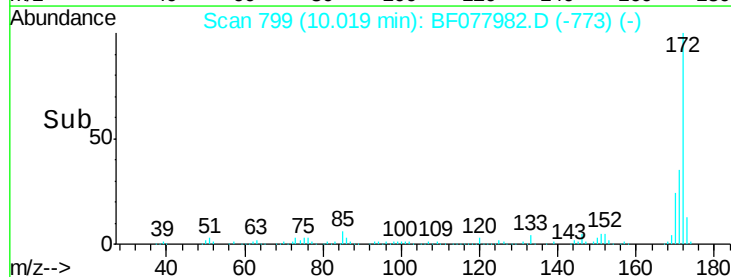
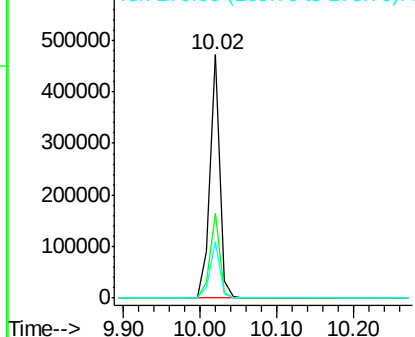


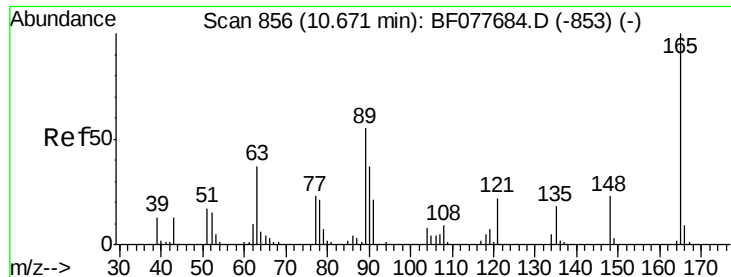
#44
 2-Fluorobiphenyl
 Concen: 77.99 ng
 RT: 10.02 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Tgt Ion:172 Resp: 414969
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.6 18.8 28.2



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

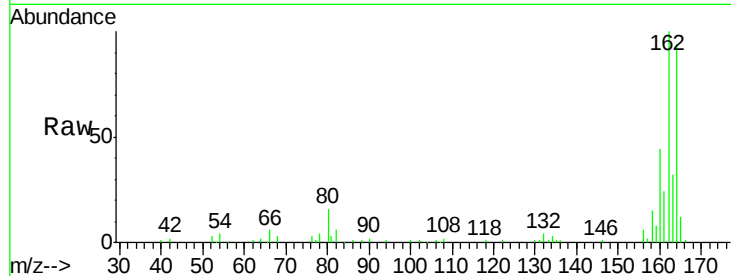




#50
 2,6-Dinitrotoluene
 Concen: 8.57 ng
 RT: 10.84 min Scan# 871
 Delta R.T. 0.24 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-23-15

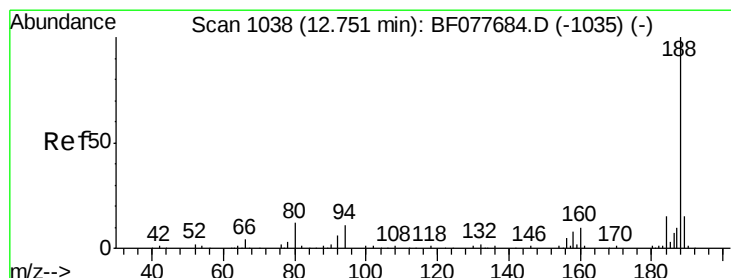
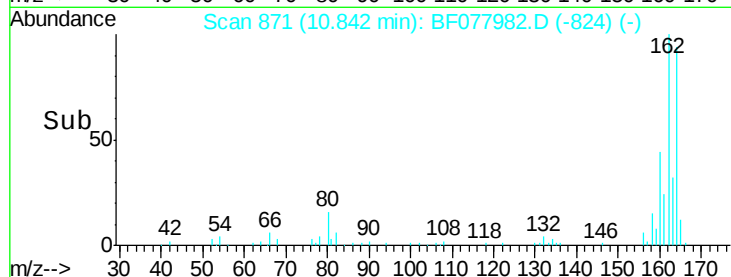
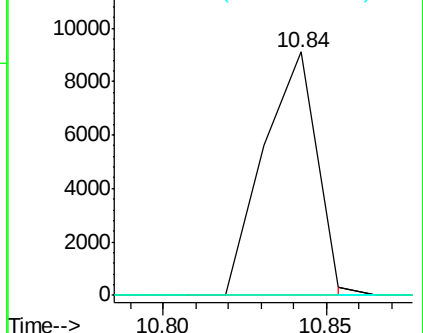
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

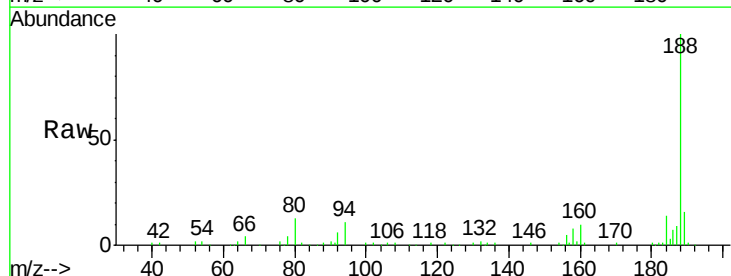
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF077982.D
 Acq: 26 Mar 2015 7:23

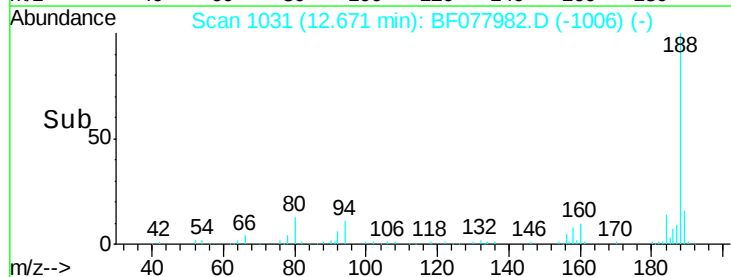
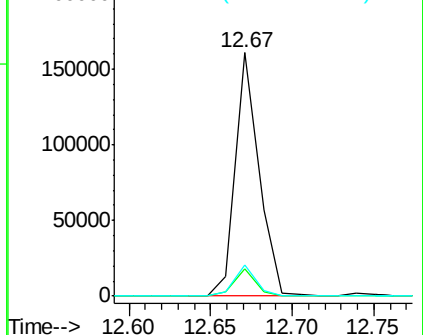
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.7	13.1
80	12.6	9.3	13.9

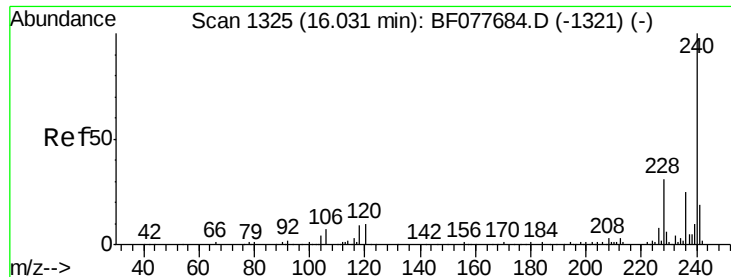


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

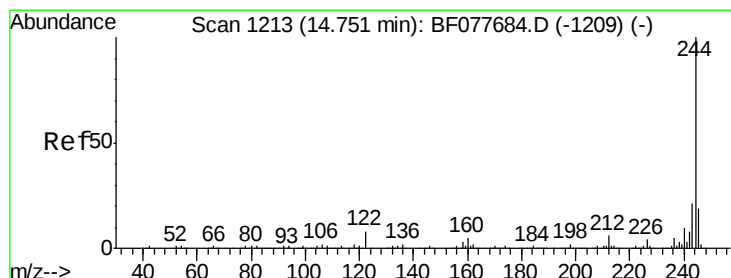
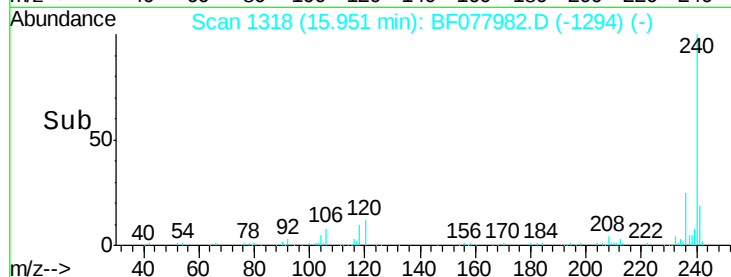
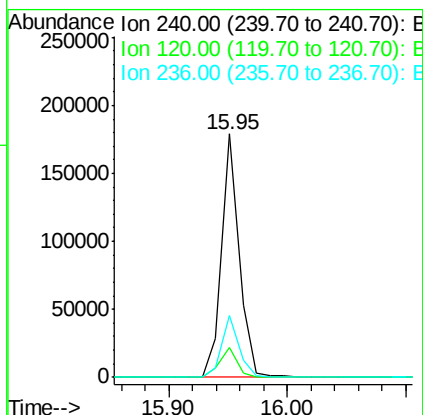
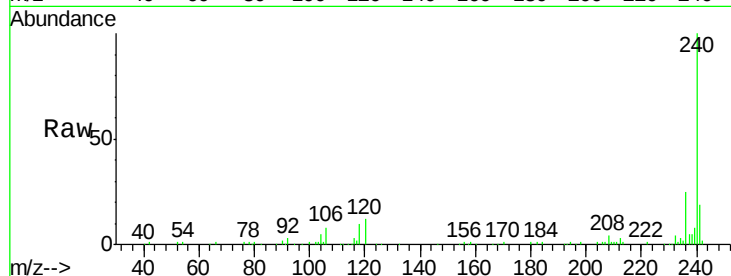




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF077982.D
Acq: 26 Mar 2015 7:23

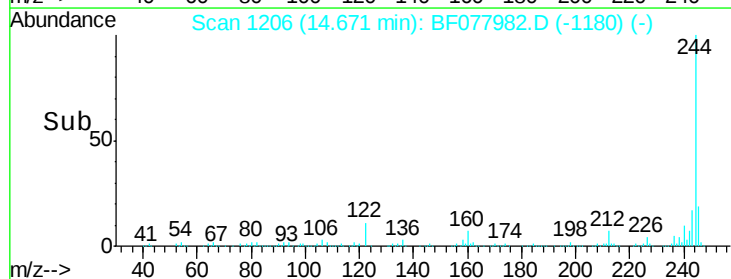
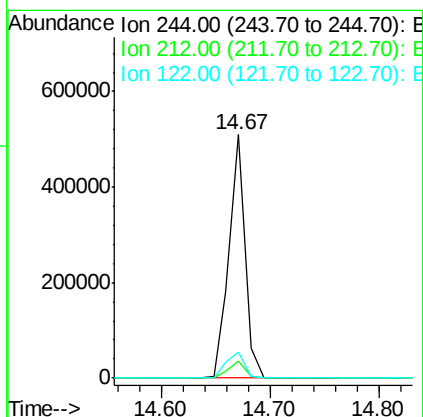
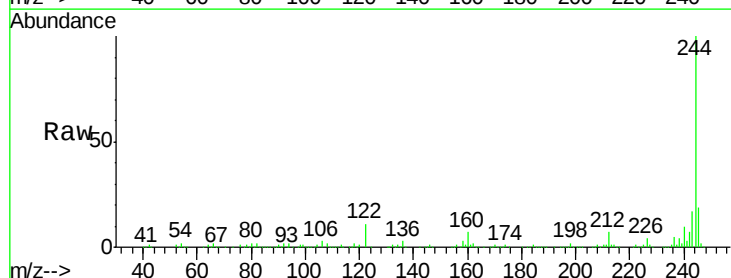
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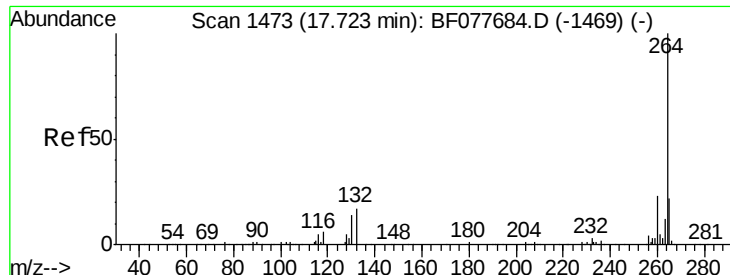
Tgt Ion:240 Resp: 183439
Ion Ratio Lower Upper
240 100
120 12.3 8.2 12.2#
236 25.3 20.0 30.0



#78
Terphenyl-d14
Concen: 69.31 ng
RT: 14.67 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF077982.D
Acq: 26 Mar 2015 7:23

Tgt Ion:244 Resp: 520527
Ion Ratio Lower Upper
244 100
212 6.8 4.9 7.3
122 10.9 6.2 9.4#

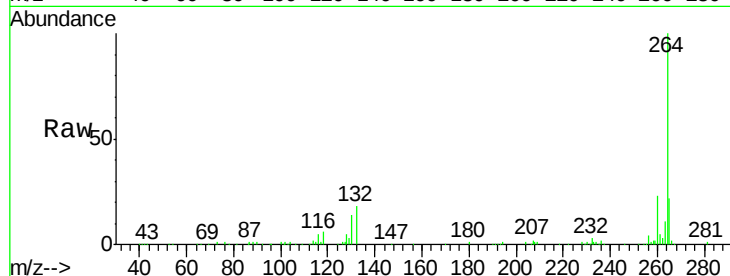




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.69 min Scan# 1470
Delta R.T. -0.06 min
Lab File: BF077982.D
Acq: 26 Mar 2015 7:23

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-23-15

Tgt Ion: 264 Resp: 186740
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.6 17.3 25.9



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

