

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031915\
 Data File : BF077837.D
 Acq On : 19 Mar 2015 18:19
 Operator : TP/IZ
 Sample : G1572-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-14

Quant Time: Mar 20 00:15:53 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 00:59:44 2015
 Response via : Initial Calibration

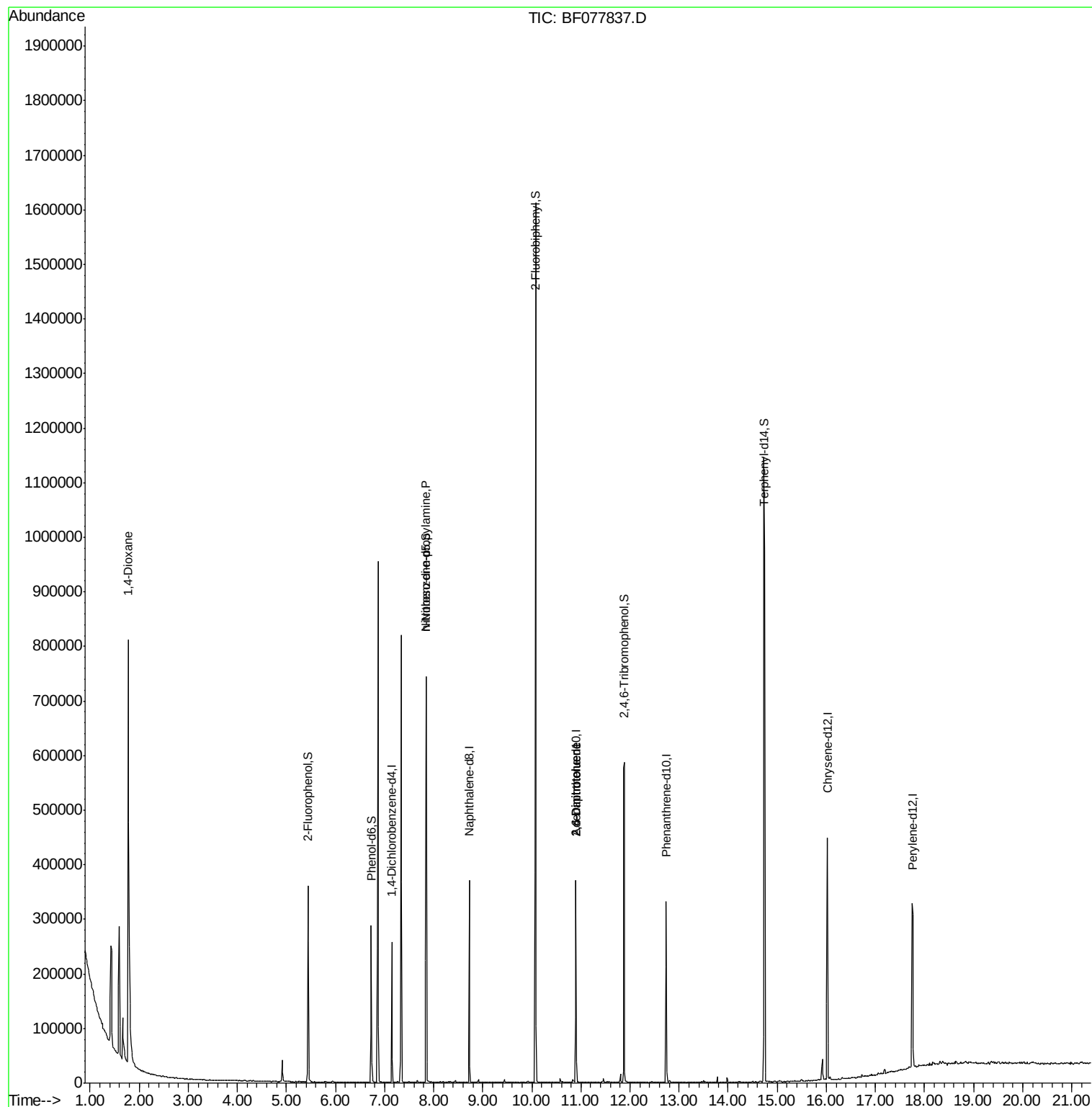
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	39911	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	163169	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	80462	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	160561	20.00	ng	0.00
75) Chrysene-d12	16.02	240	174306	20.00	ng	-0.01
86) Perylene-d12	17.76	264	170387	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	144489	63.19	ng	0.00
7) Phenol-d6	6.73	99	111051	39.31	ng	0.00
23) Nitrobenzene-d5	7.85	82	244284	98.14	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	104692	135.99	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	513801	93.84	ng	0.00
78) Terphenyl-d14	14.74	244	549986	77.07	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.78	88	30599	29.48	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	30645	15.68	ng	# 80
50) 2,6-Dinitrotoluene	10.90	165	10203	8.25	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	7632	4.73	ng	# 11

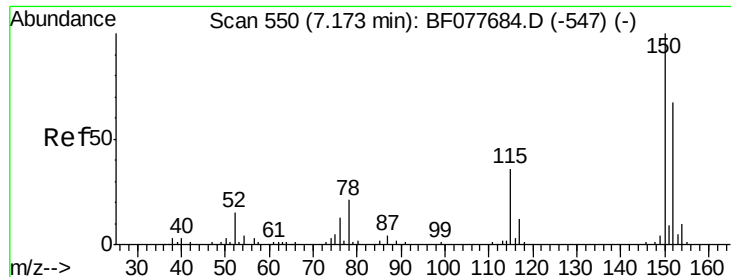
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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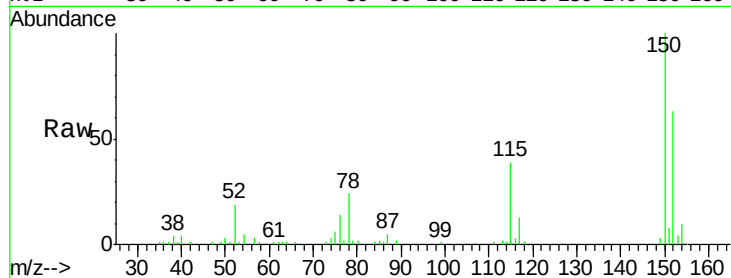


#1

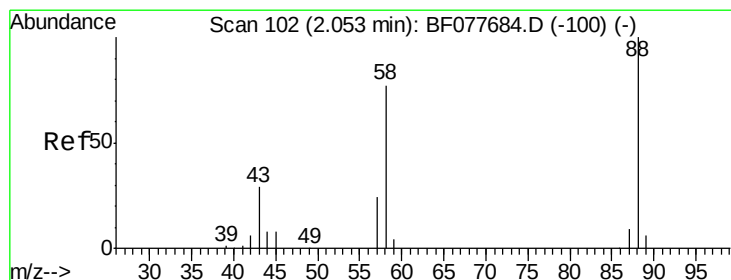
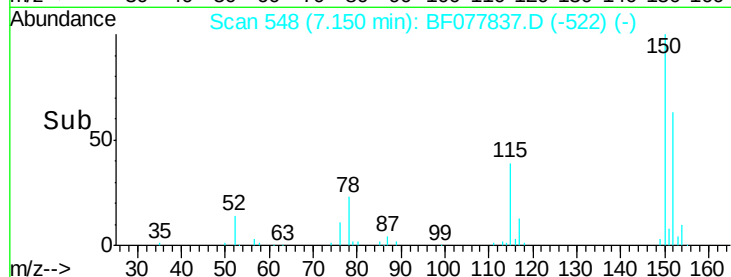
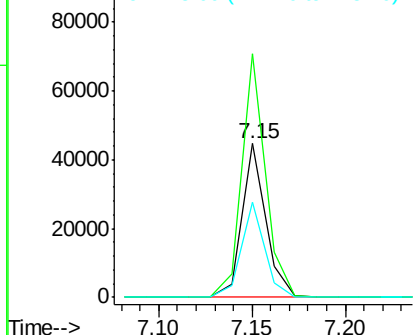
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.15 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF077837.D
 Acq: 19 Mar 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-14

Tgt Ion:152 Resp: 39911
 Ion Ratio Lower Upper
 152 100
 150 158.3 119.5 179.3
 115 62.2 43.0 64.4



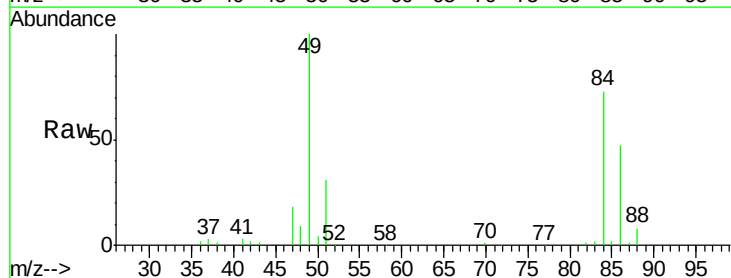
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



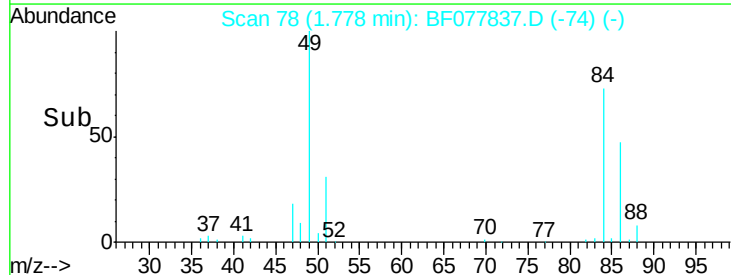
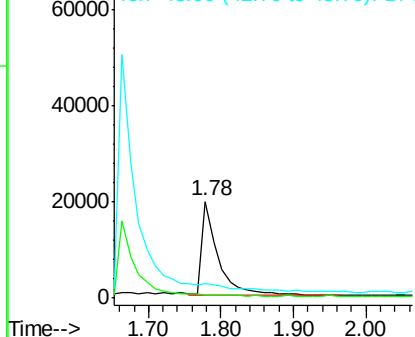
#2

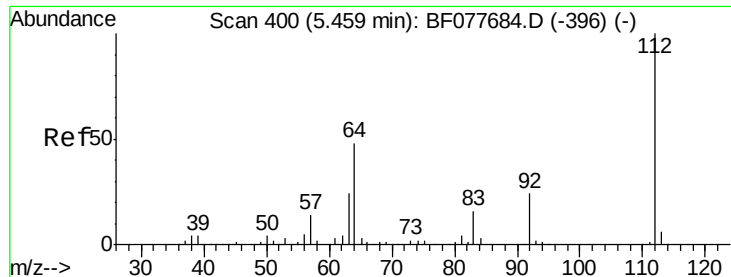
1,4-Dioxane
 Concen: 29.48 ng
 RT: 1.78 min Scan# 78
 Delta R.T. -0.25 min
 Lab File: BF077837.D
 Acq: 19 Mar 2015 18:19

Tgt Ion: 88 Resp: 30599
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 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: 63.19 ng

RT: 5.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

URSMW-14

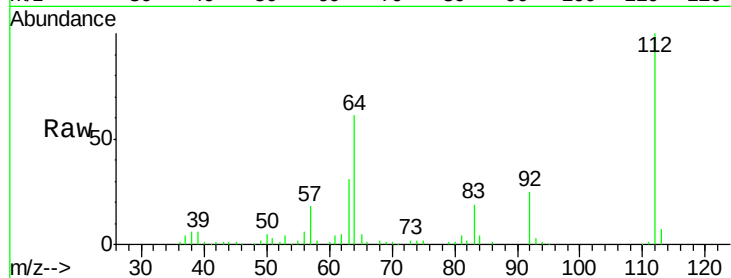
Tgt Ion: 112 Resp: 144489

Ion Ratio Lower Upper

112 100

64 60.8 38.6 57.8#

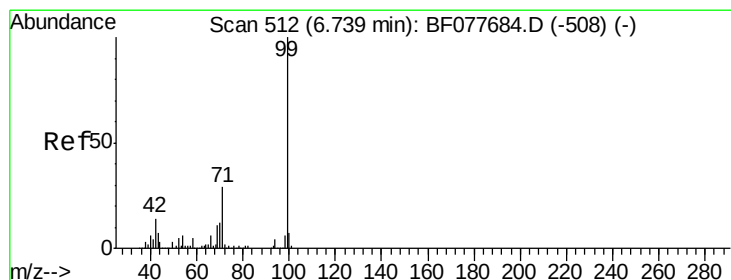
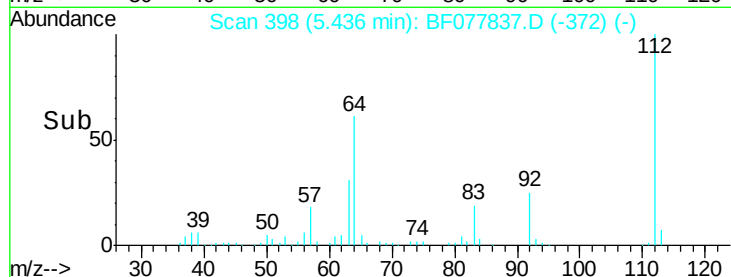
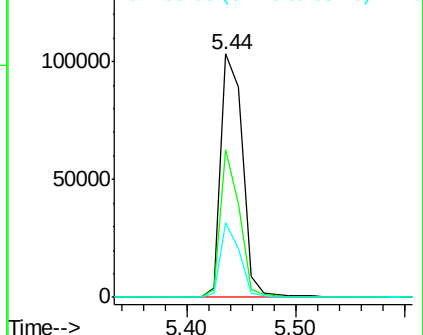
63 30.6 19.3 28.9#



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: 39.31 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

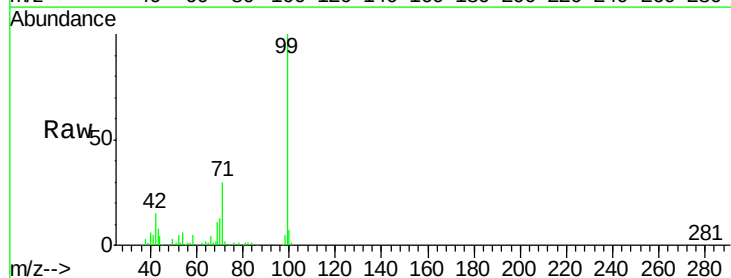
Tgt Ion: 99 Resp: 111051

Ion Ratio Lower Upper

99 100

42 15.0 11.0 16.4

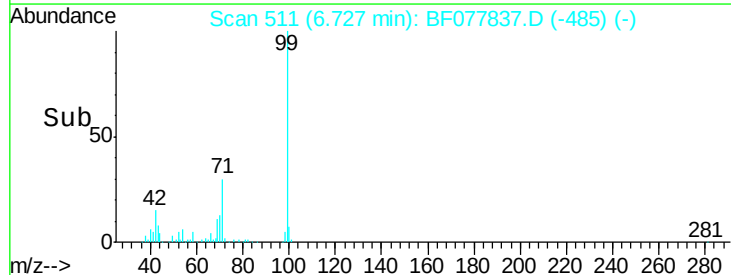
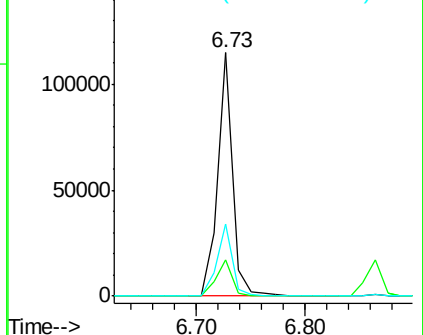
71 29.5 23.4 35.2

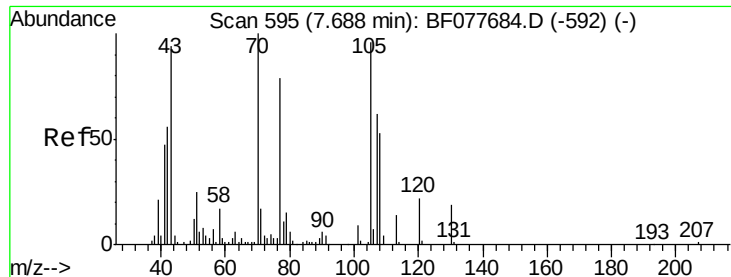


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

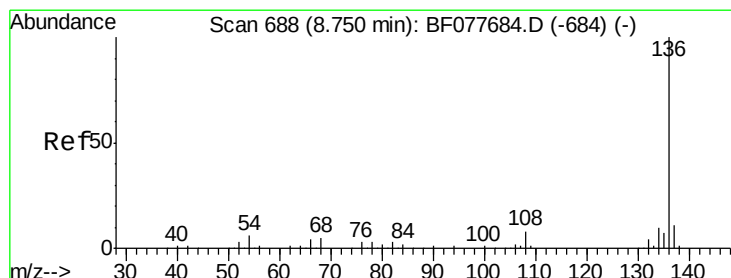
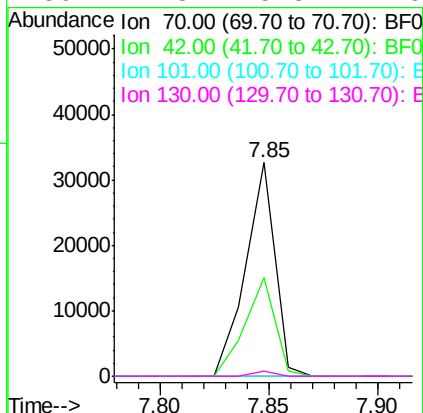
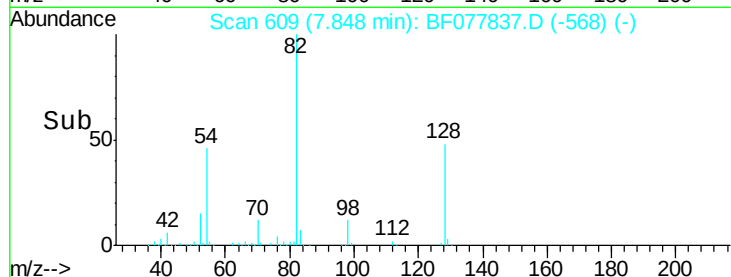
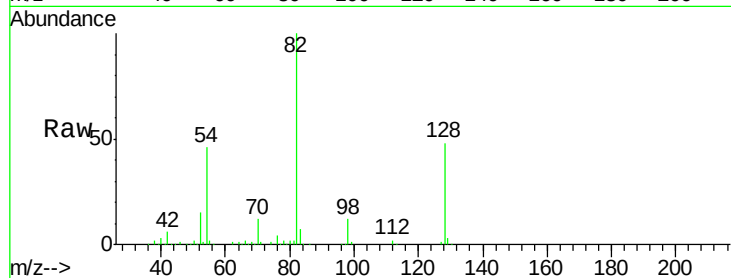




#19
n-Nitroso-di-n-propylamine
Concen: 15.68 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077837.D
Acq: 19 Mar 2015 18:19

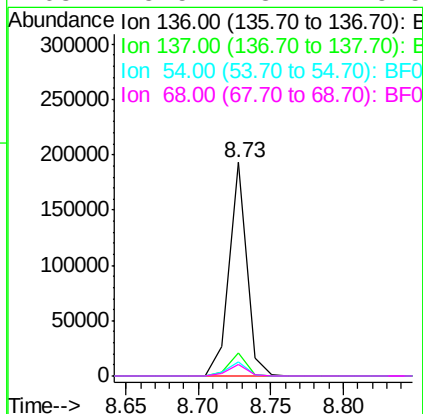
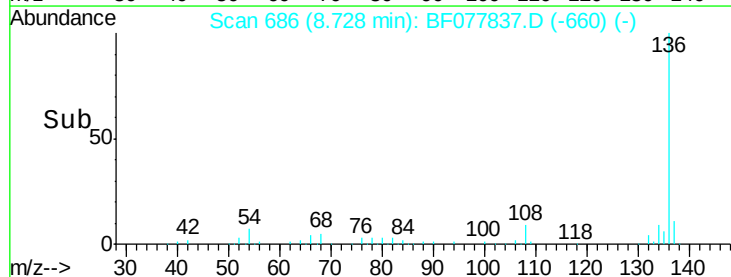
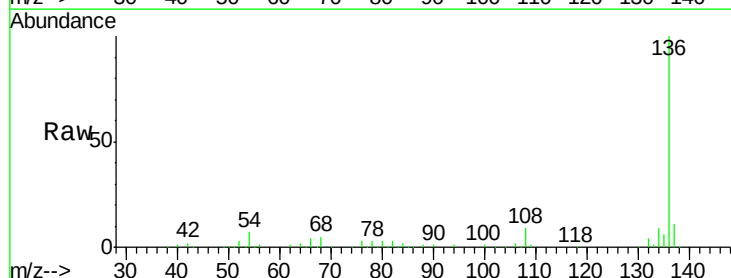
Instrument :
BNA_F
ClientSampleId :
URSMW-14

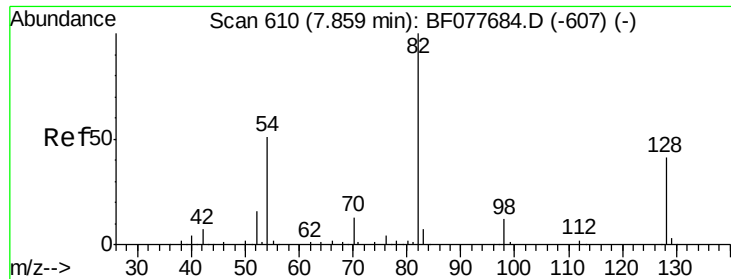
Tgt Ion: 70 Resp: 30645
Ion Ratio Lower Upper
70 100
42 46.3 44.5 66.7
101 0.0 7.4 11.2#
130 2.3 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.73 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF077837.D
Acq: 19 Mar 2015 18:19

Tgt Ion: 136 Resp: 163169
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.6 4.6 6.8
68 5.5 3.7 5.5

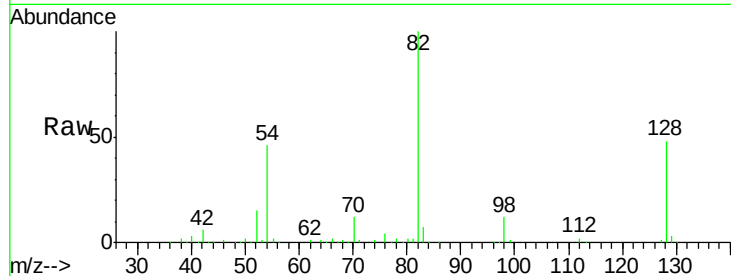




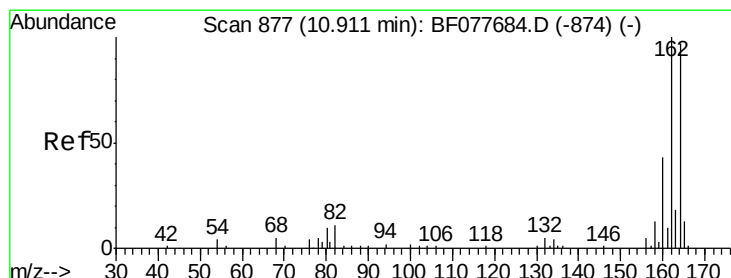
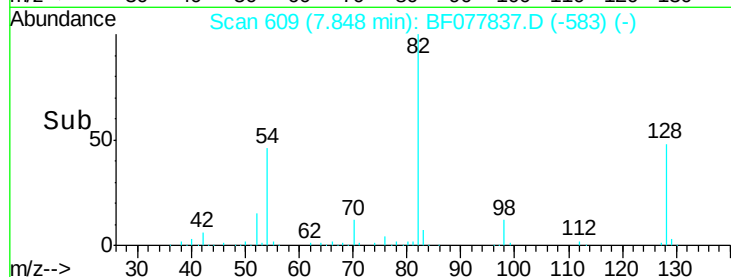
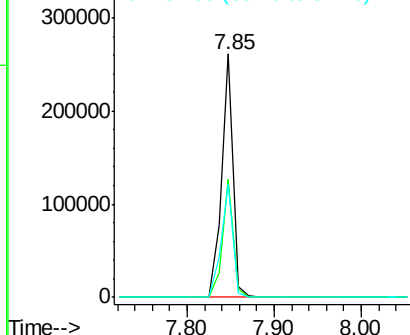
#23
 Nitrobenzene-d5
 Concen: 98.14 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077837.D
 Acq: 19 Mar 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-14

Tgt Ion: 82 Resp: 244284
 Ion Ratio Lower Upper
 82 100
 128 48.4 32.8 49.2
 54 46.4 40.6 60.8

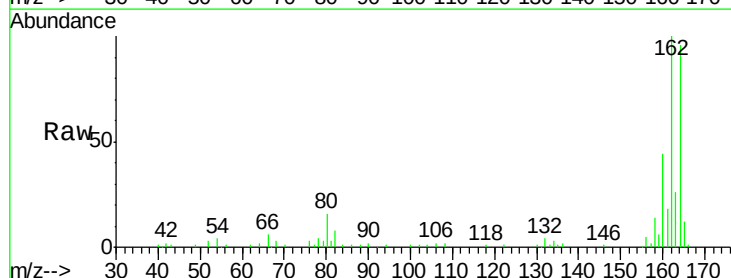


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

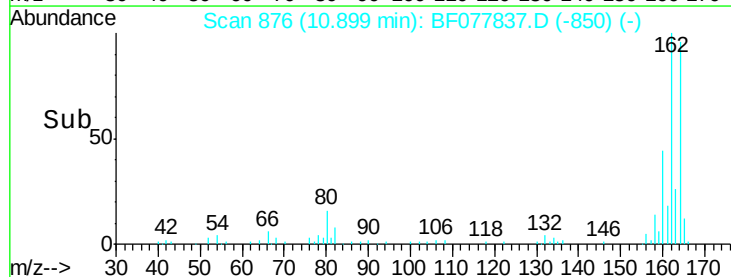
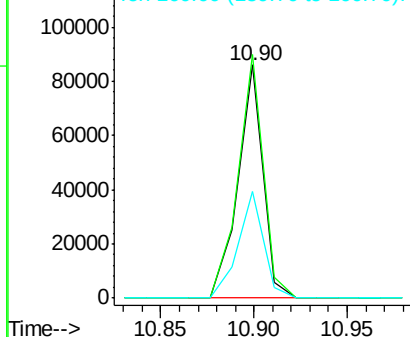


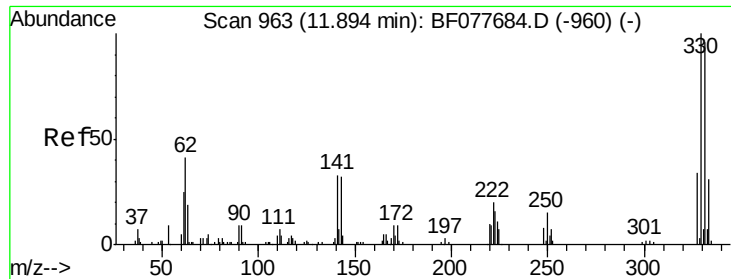
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF077837.D
 Acq: 19 Mar 2015 18:19

Tgt Ion: 164 Resp: 80462
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.4 123.6
 160 46.0 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: 135.99 ng

RT: 11.88 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

URSMW-14

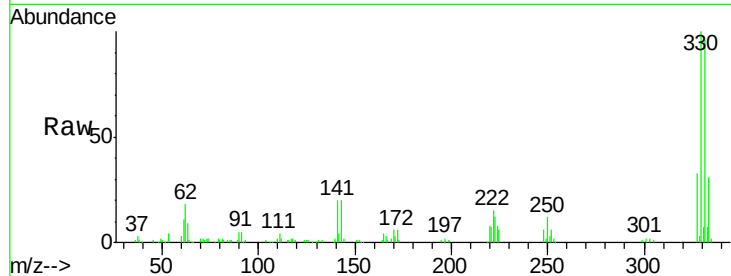
Tgt Ion:330 Resp: 104692

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

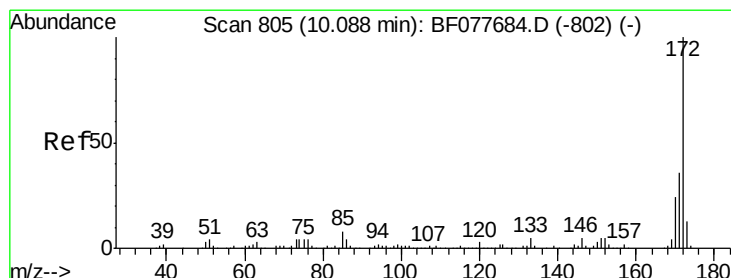
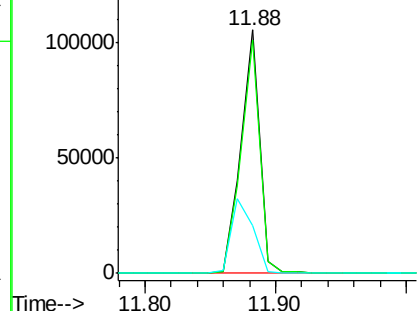
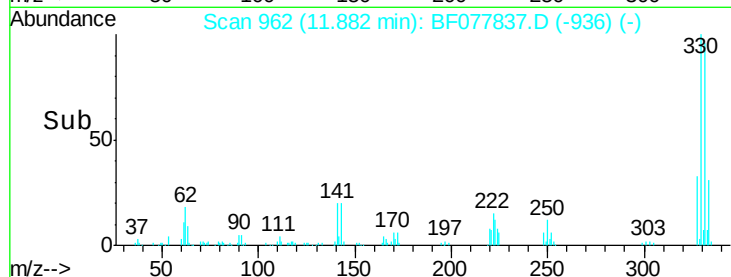
141 36.1 0.0 0.0#



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: 93.84 ng

RT: 10.08 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

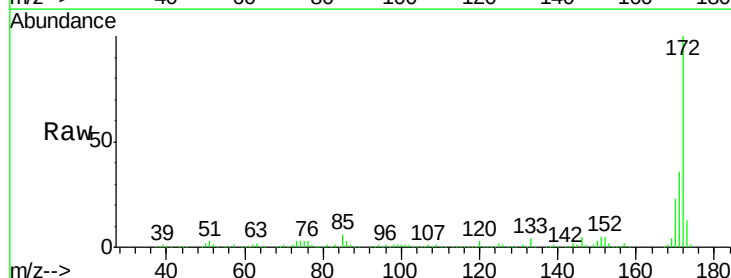
Tgt Ion:172 Resp: 513801

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

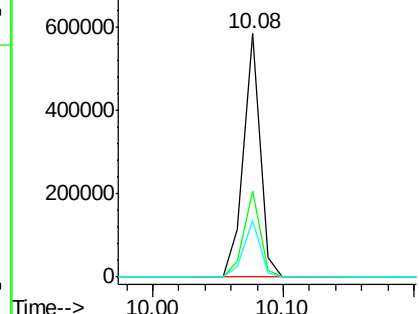
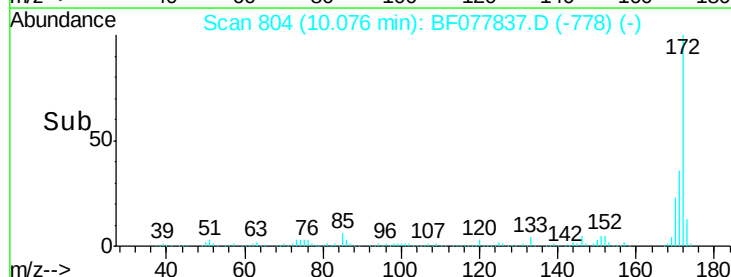
170 23.5 18.8 28.2

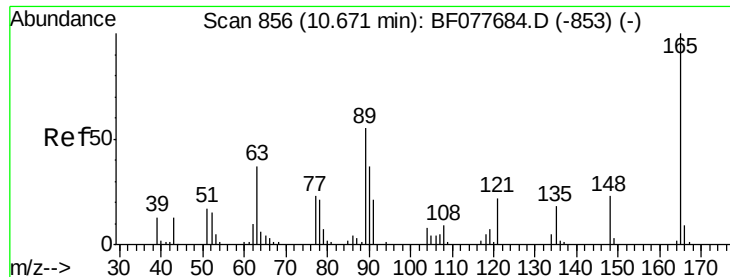


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

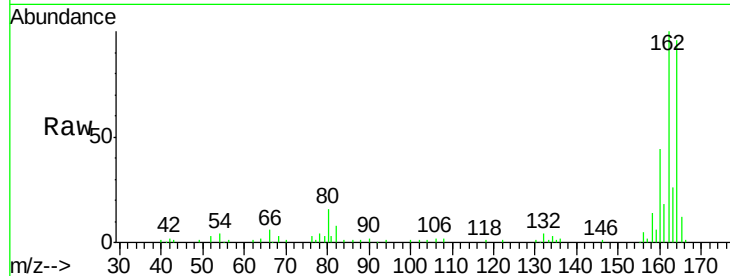




#50
 2,6-Dinitrotoluene
 Concen: 8.25 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.24 min
 Lab File: BF077837.D
 Acq: 19 Mar 2015 18:19

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-14

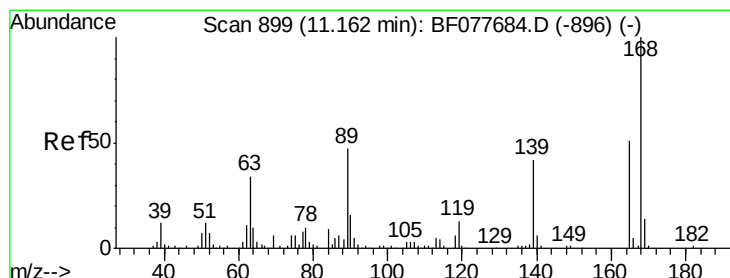
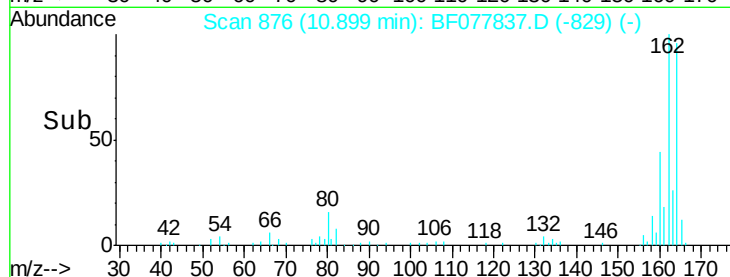
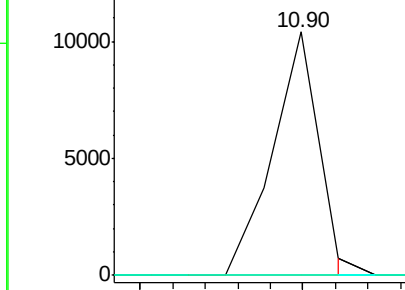
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



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



#56
 2,4-Dinitrotoluene
 Concen: 4.73 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF077837.D
 Acq: 19 Mar 2015 18:19

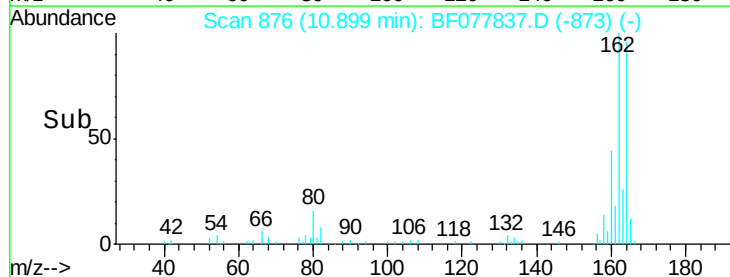
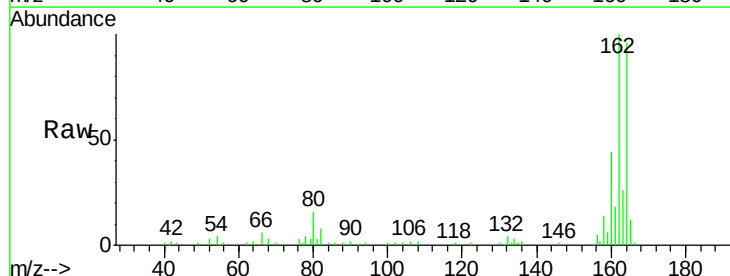
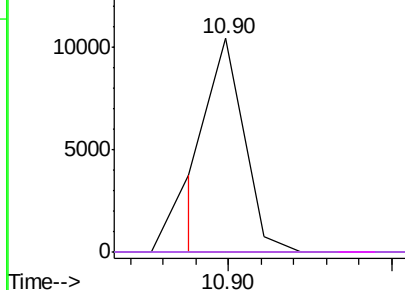
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	0.0	2.0	3.0#

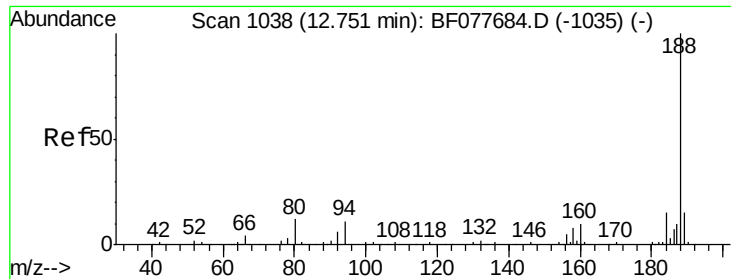
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

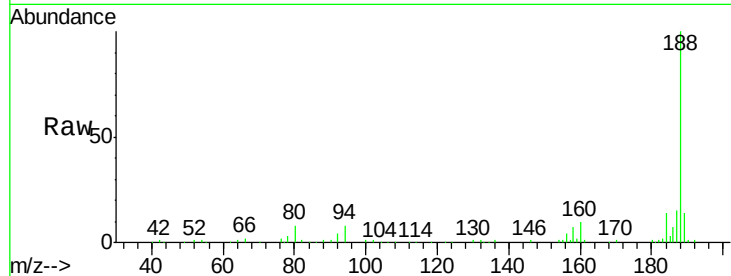




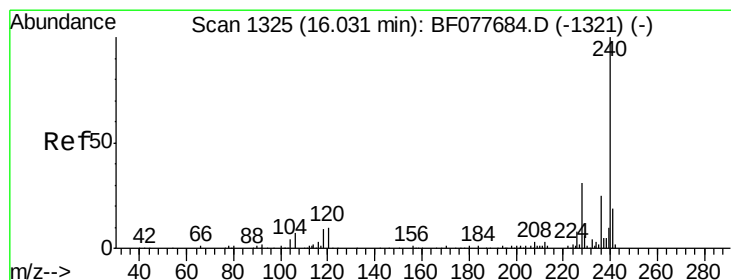
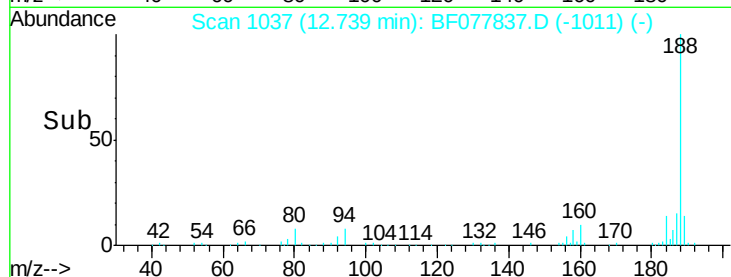
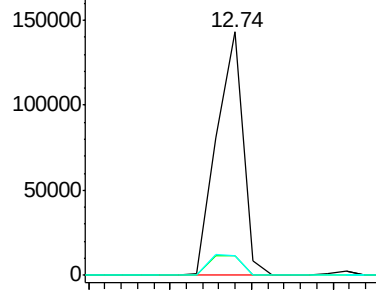
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077837.D
Acq: 19 Mar 2015 18:19

Instrument :
BNA_F
ClientSampleId :
URSMW-14

Tgt Ion:188 Resp: 160561
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 7.9 9.3 13.9#

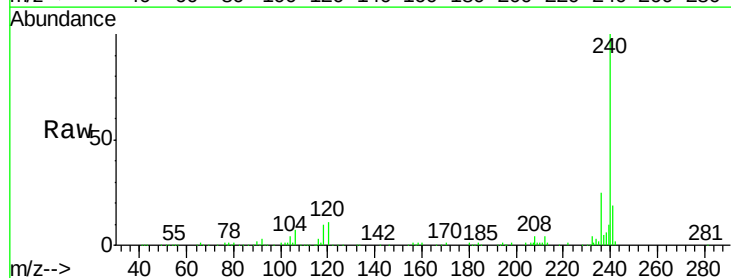


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

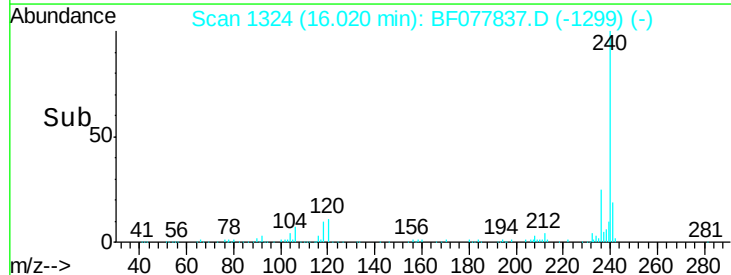
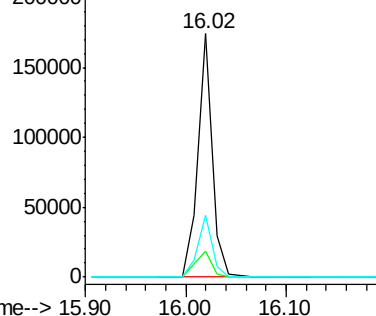


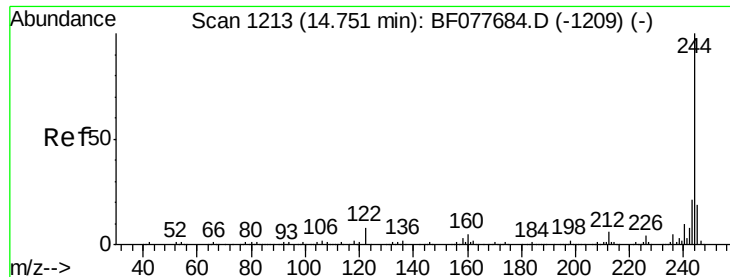
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077837.D
Acq: 19 Mar 2015 18:19

Tgt Ion:240 Resp: 174306
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 25.2 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: 77.07 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

Instrument :

BNA_F

ClientSampleId :

URSMW-14

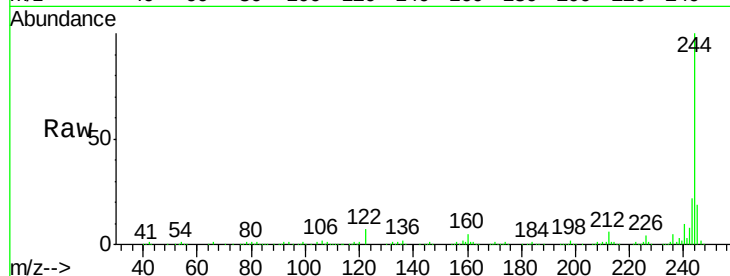
Tgt Ion:244 Resp: 549986

Ion Ratio Lower Upper

244 100

212 6.0 4.9 7.3

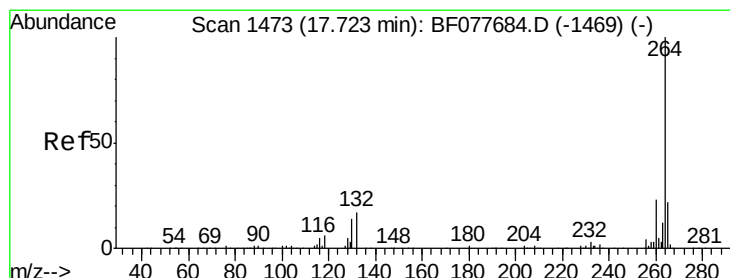
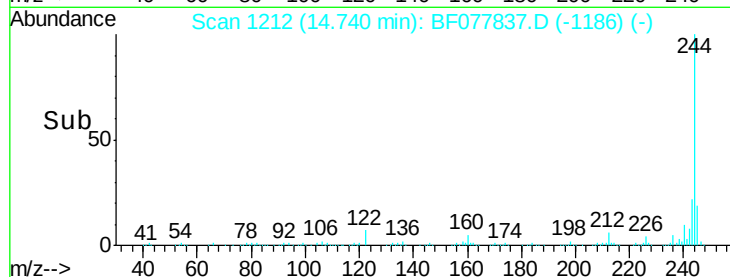
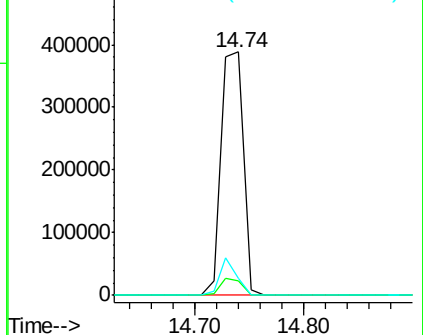
122 7.0 6.2 9.4



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. -0.03 min

Lab File: BF077837.D

Acq: 19 Mar 2015 18:19

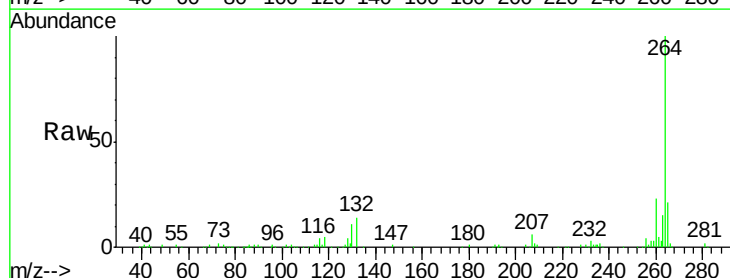
Tgt Ion:264 Resp: 170387

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.2 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

