

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077810.D
 Acq On : 18 Mar 2015 23:59
 Operator : TP/IZ
 Sample : G1560-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

Quant Time: Mar 19 03:17:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:03:48 2015
 Response via : Initial Calibration

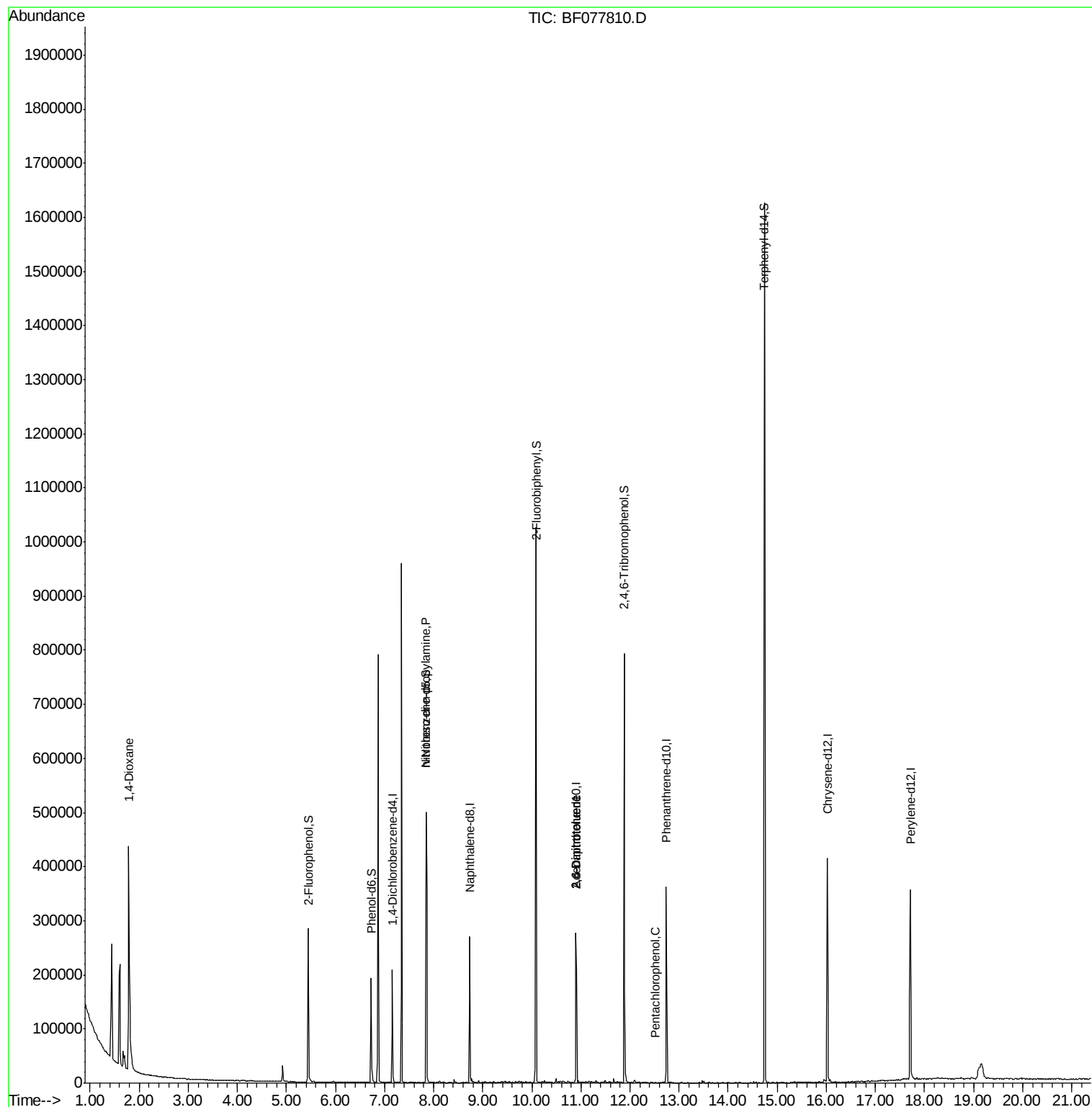
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	38602	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	155075	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	74753	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	156313	20.00	ng	0.00
75) Chrysene-d12	16.02	240	168186	20.00	ng	-0.03
86) Perylene-d12	17.71	264	162517	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	126201	57.07	ng	0.01
7) Phenol-d6	6.73	99	96231	35.22	ng	0.00
23) Nitrobenzene-d5	7.85	82	213546	90.27	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	94403	131.99	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	495546	97.42	ng	0.00
78) Terphenyl-d14	14.74	244	582159	84.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.79	88	17486	17.42	ng	# 100
19) n-Nitroso-di-n-propylamine	7.85	70	26633	14.09	ng	# 81
50) 2,6-Dinitrotoluene	10.90	165	9199	8.00	ng	# 24
56) 2,4-Dinitrotoluene	10.90	165	9200	6.14	ng	# 11
69) Pentachlorophenol	12.51	266	243	3.33	ng	# 37

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. -0.00 min

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ClientSampleId :

URSMW-12

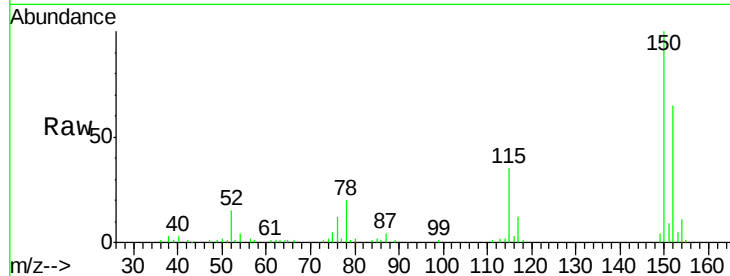
Tgt Ion:152 Resp: 38602

Ion Ratio Lower Upper

152 100

150 154.4 119.5 179.3

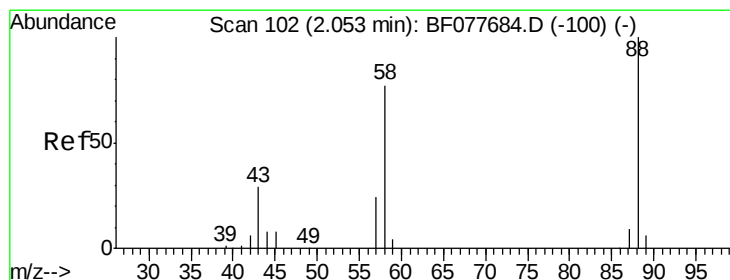
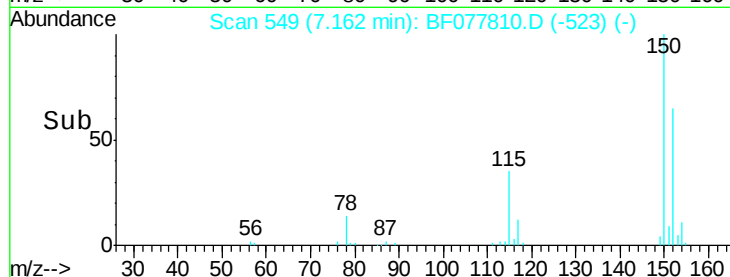
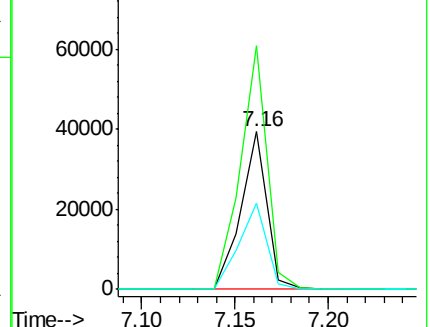
115 54.7 43.0 64.4



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: 17.42 ng

RT: 1.79 min Scan# 79

Delta R.T. -0.25 min

Lab File: BF077810.D

Acq: 18 Mar 2015 23:59

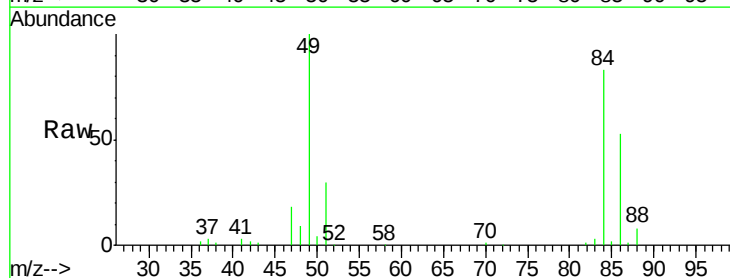
Tgt Ion: 88 Resp: 17486

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

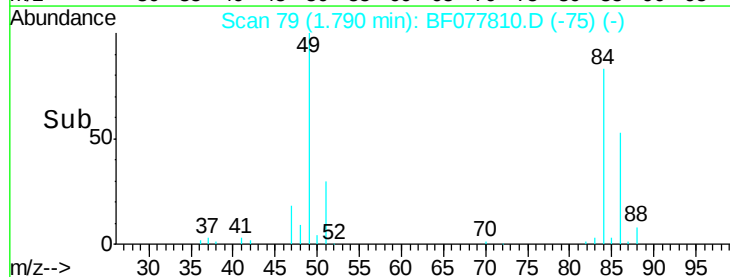
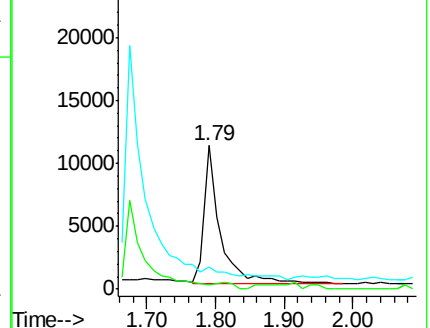
43 0.0 0.0 0.0

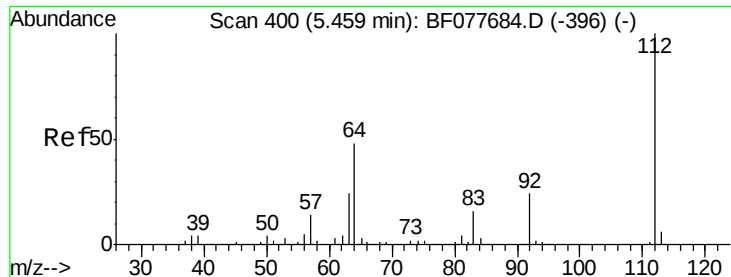


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 57.07 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077810.D

Acq: 18 Mar 2015 23:59

Instrument :

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ClientSampleId :

URSMW-12

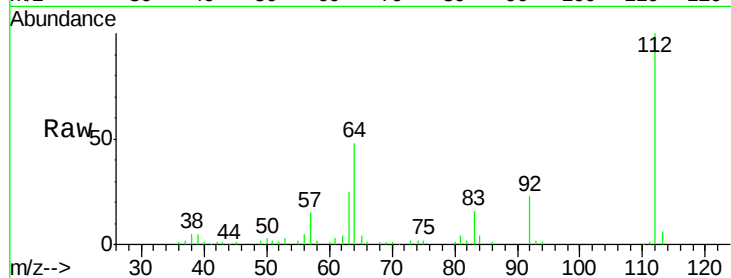
Tgt Ion: 112 Resp: 126201

Ion Ratio Lower Upper

112 100

64 48.0 38.6 57.8

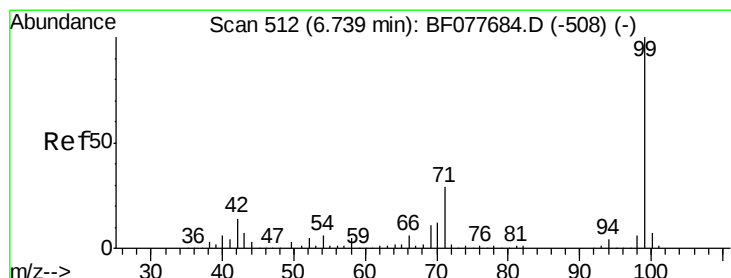
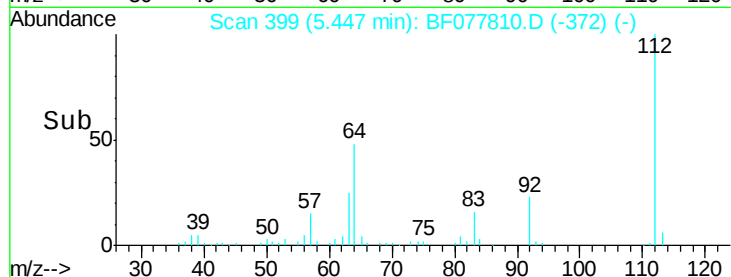
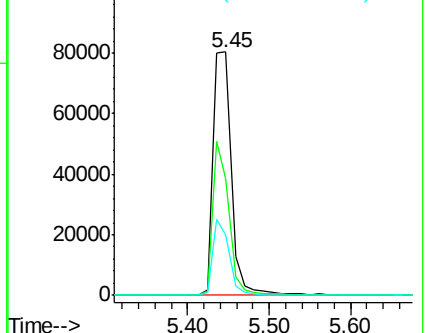
63 25.1 19.3 28.9



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: 35.22 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077810.D

Acq: 18 Mar 2015 23:59

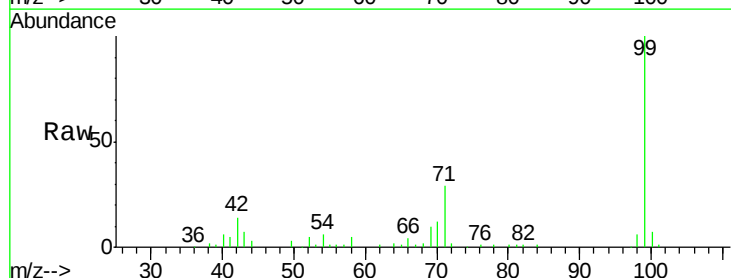
Tgt Ion: 99 Resp: 96231

Ion Ratio Lower Upper

99 100

42 13.8 11.0 16.4

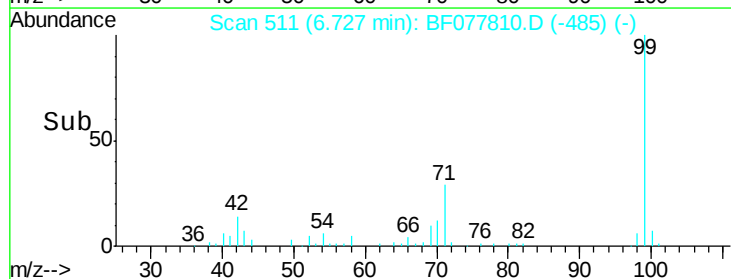
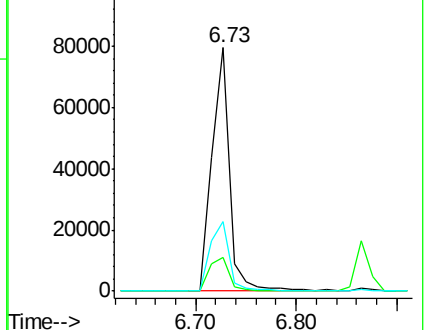
71 28.5 23.4 35.2

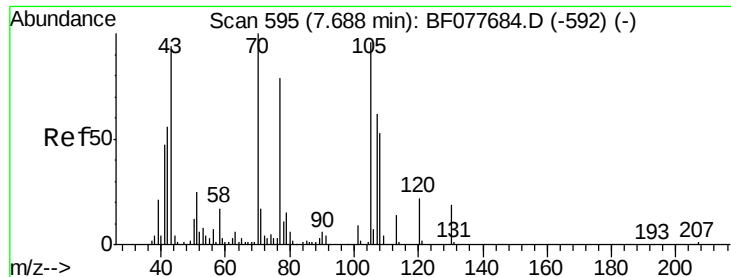


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

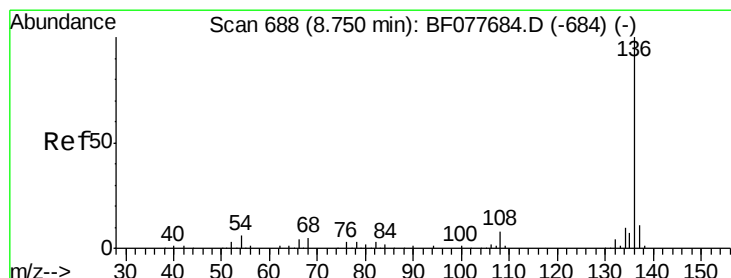
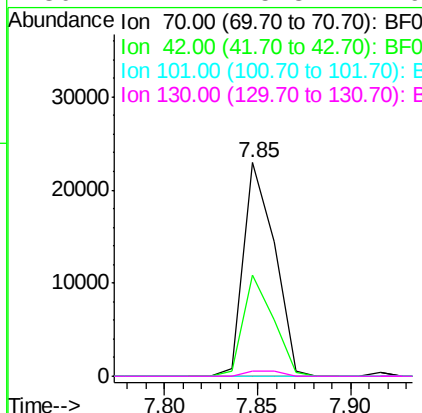
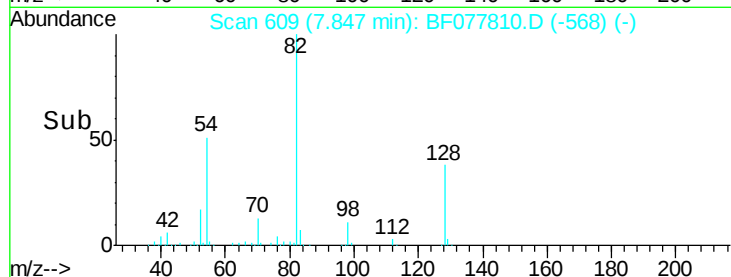
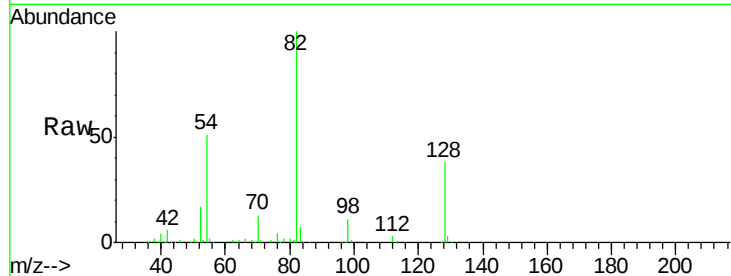




#19
n-Nitroso-di-n-propylamine
Concen: 14.09 ng
RT: 7.85 min Scan# 609
Delta R.T. 0.17 min
Lab File: BF077810.D
Acq: 18 Mar 2015 23:59

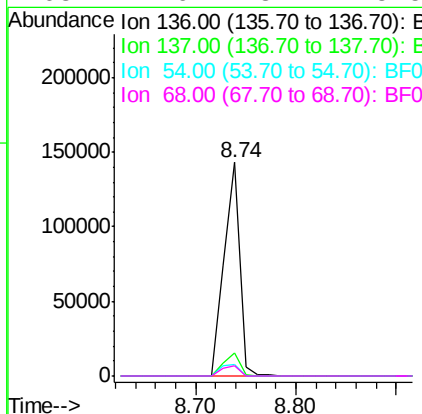
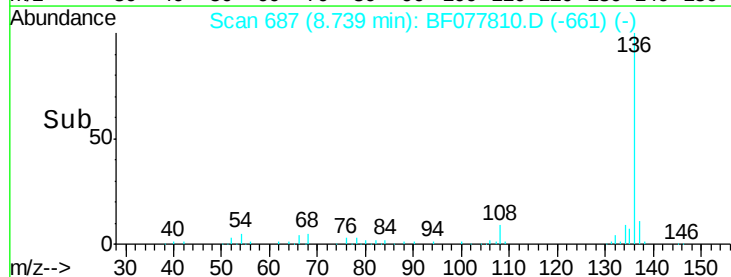
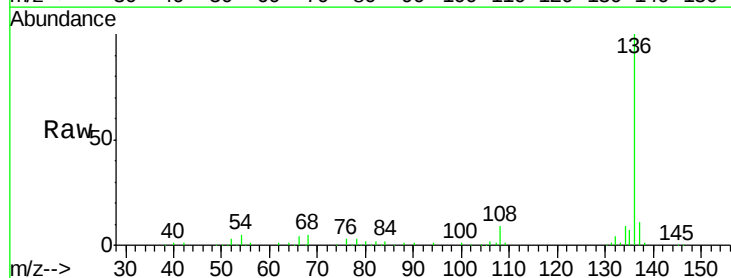
Instrument :
BNA_F
ClientSampleId :
URSMW-12

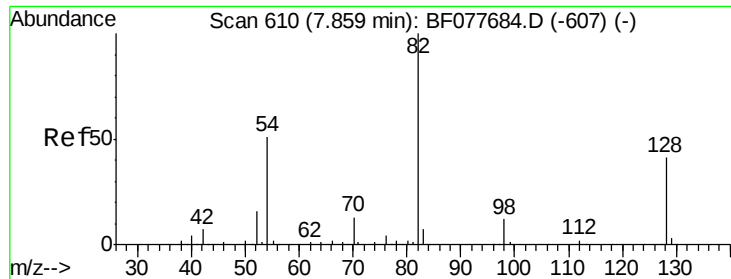
Tgt Ion: 70 Resp: 26633
Ion Ratio Lower Upper
70 100
42 47.6 44.5 66.7
101 0.0 7.4 11.2#
130 2.1 15.3 22.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077810.D
Acq: 18 Mar 2015 23:59

Tgt Ion: 136 Resp: 155075
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 5.4 4.6 6.8
68 4.6 3.7 5.5

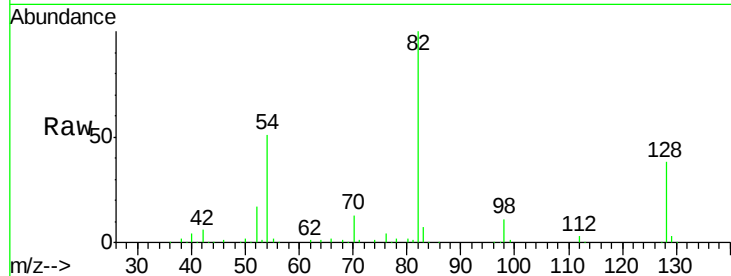




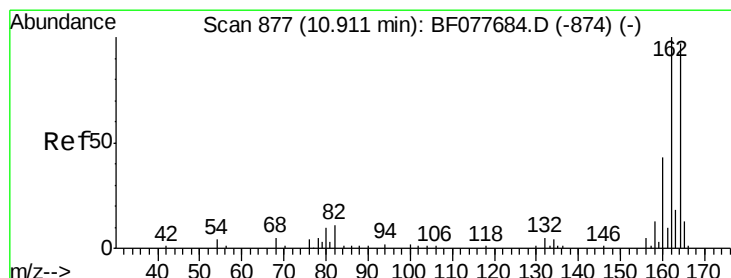
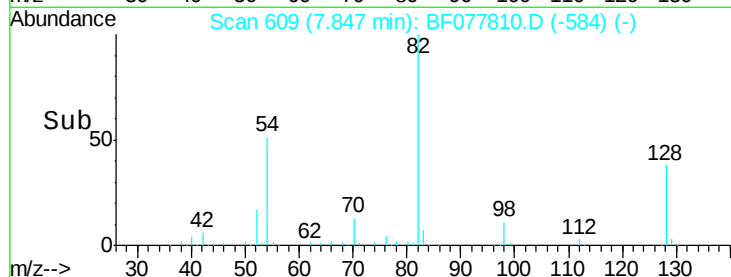
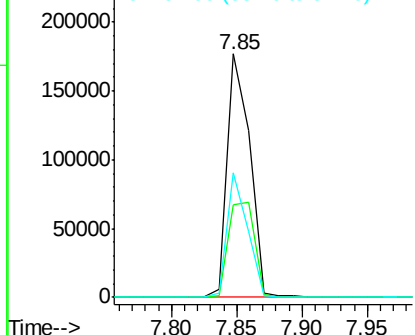
#23
 Nitrobenzene-d5
 Concen: 90.27 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF077810.D
 Acq: 18 Mar 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	32.8	49.2
54	51.2	40.6	60.8

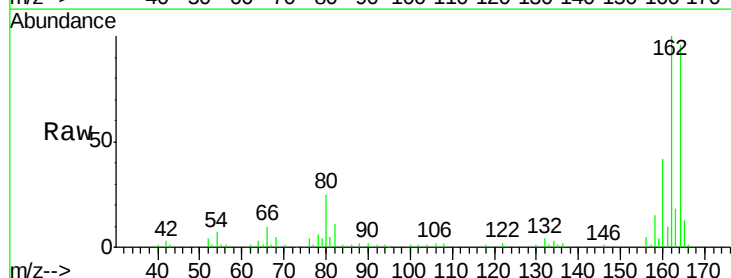


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

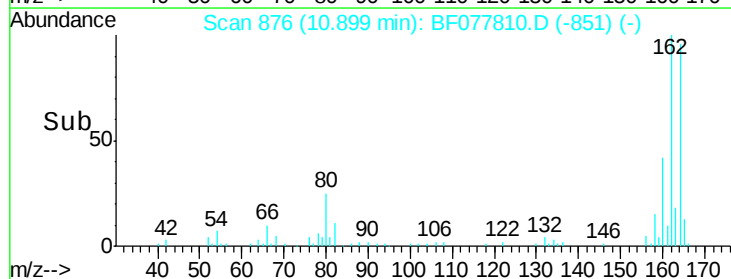
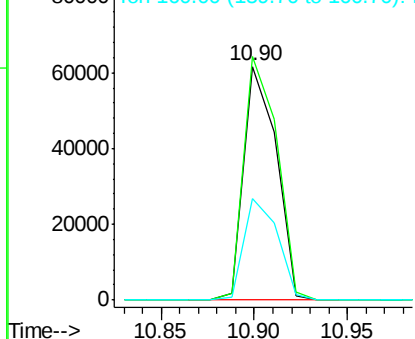


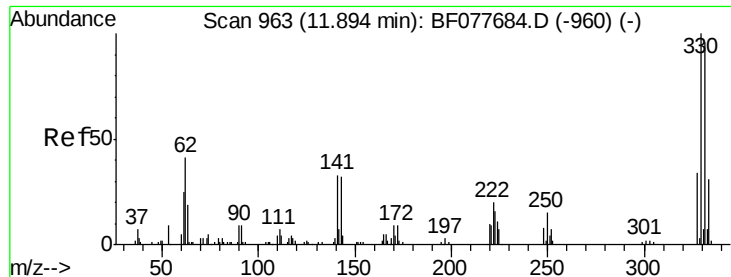
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF077810.D
 Acq: 18 Mar 2015 23:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.4	123.6
160	43.2	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

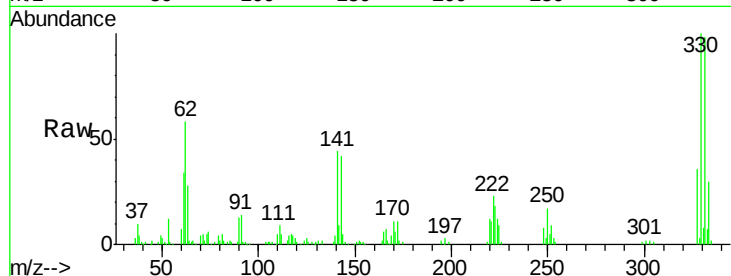




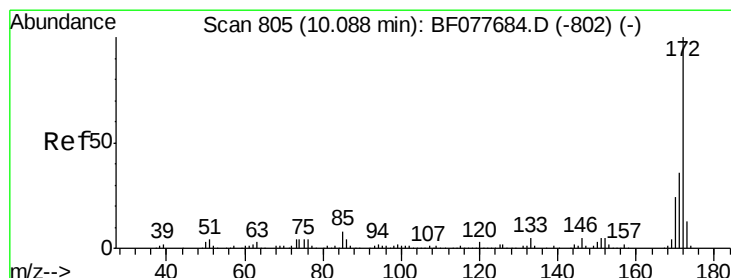
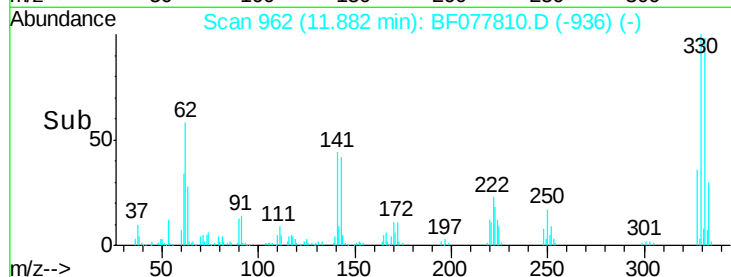
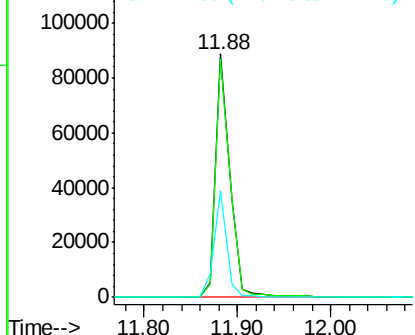
#41
 2,4,6-Tribromophenol
 Concen: 131.99 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF077810.D
 Acq: 18 Mar 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

Tgt Ion:330 Resp: 94403
 Ion Ratio Lower Upper
 330 100
 332 97.8 0.0 0.0#
 141 39.5 0.0 0.0#

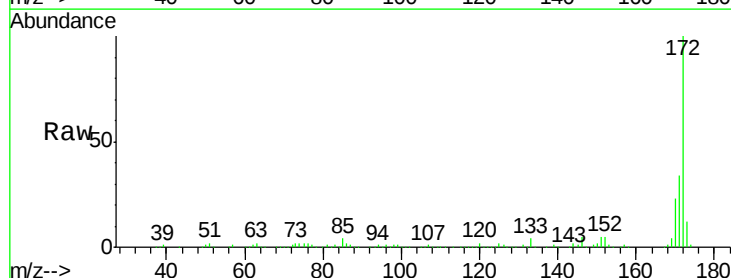


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

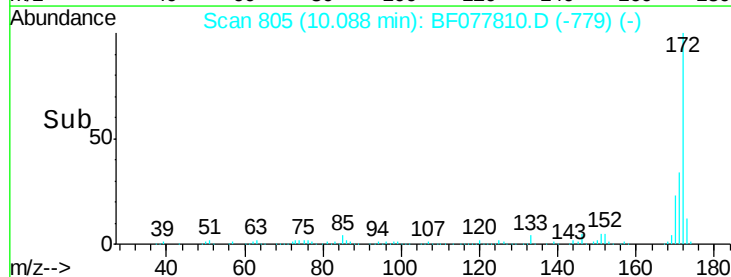
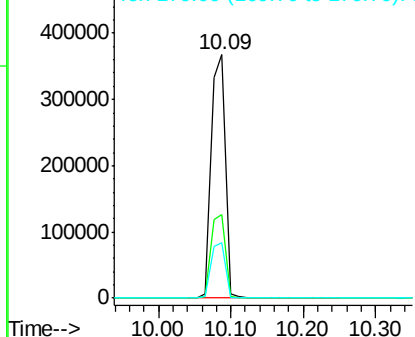


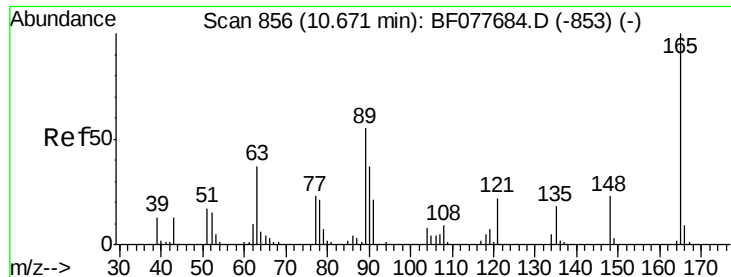
#44
 2-Fluorobiphenyl
 Concen: 97.42 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077810.D
 Acq: 18 Mar 2015 23:59

Tgt Ion:172 Resp: 495546
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 22.9 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

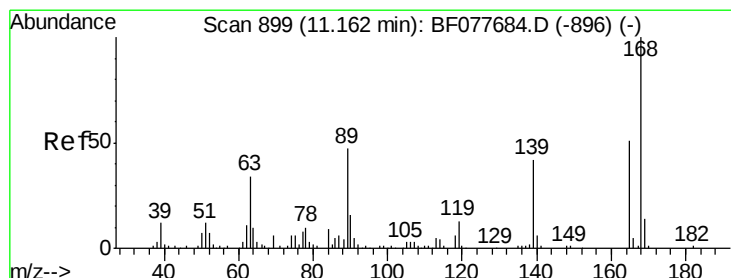
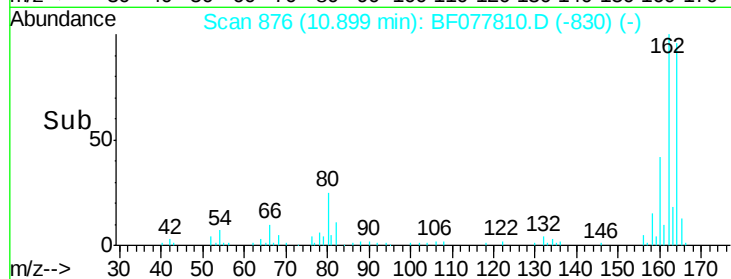
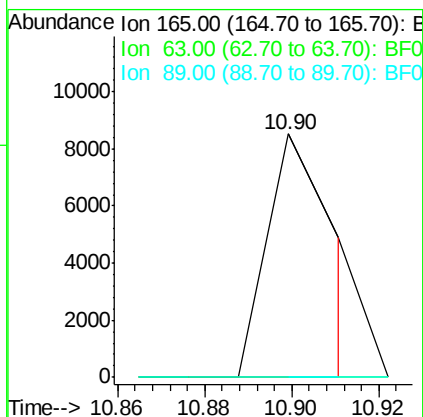
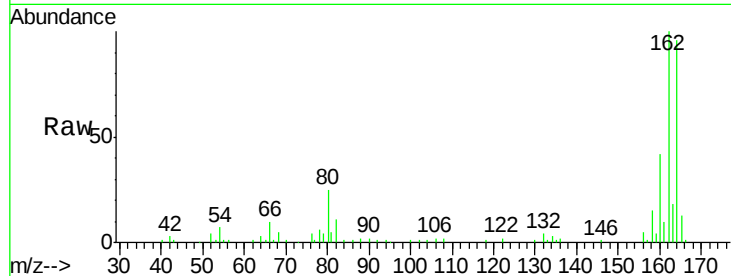




#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 10.90 min Scan# 876
 Delta R.T. 0.23 min
 Lab File: BF077810.D
 Acq: 18 Mar 2015 23:59

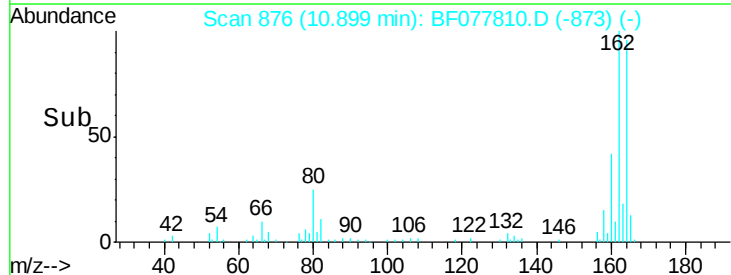
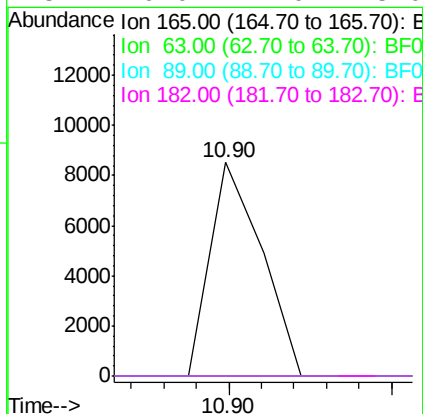
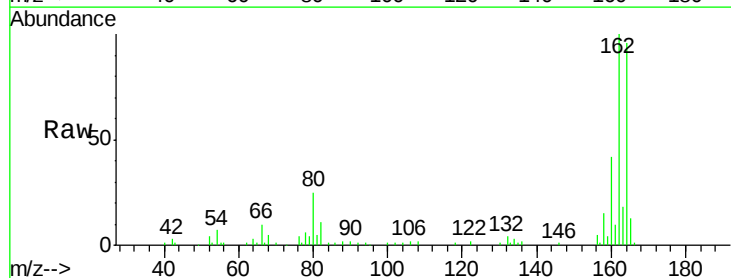
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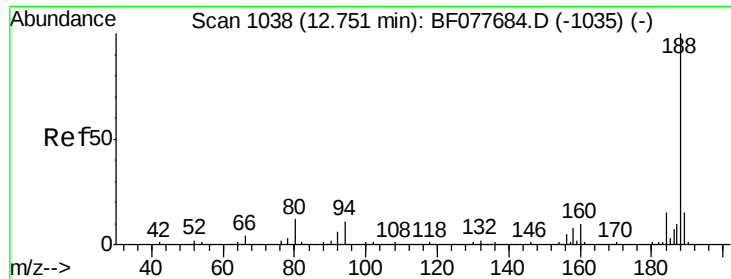
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	0.0	44.3	66.5#



#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 10.90 min Scan# 876
 Delta R.T. -0.26 min
 Lab File: BF077810.D
 Acq: 18 Mar 2015 23:59

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#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.74 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF077810.D

Acq: 18 Mar 2015 23:59

Instrument :

BNA_F

ClientSampleId :

URSMW-12

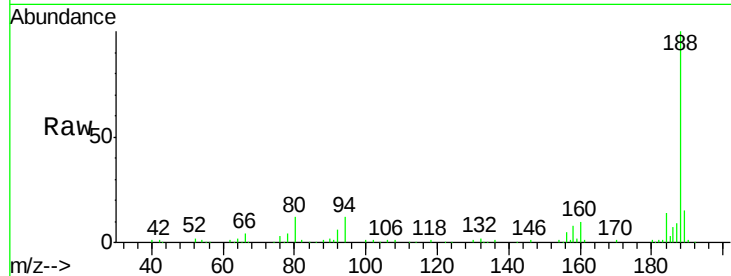
Tgt Ion:188 Resp: 156313

Ion Ratio Lower Upper

188 100

94 12.4 8.7 13.1

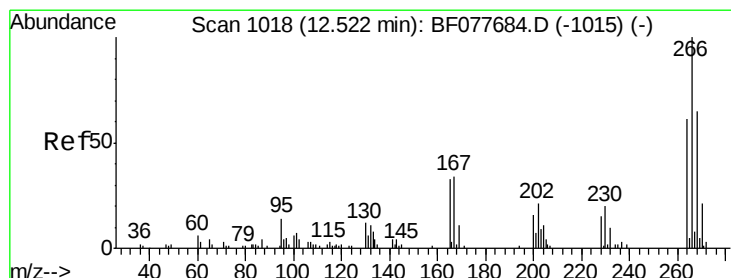
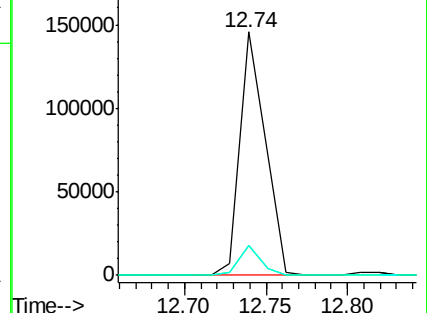
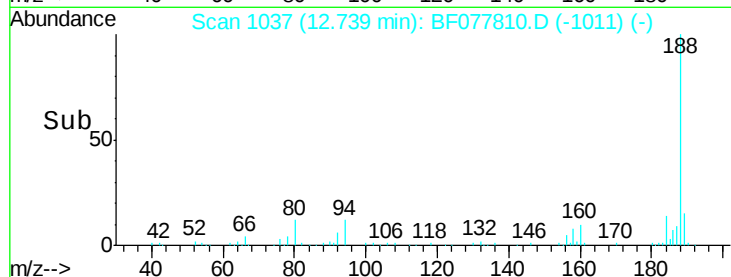
80 12.2 9.3 13.9



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



#69

Pentachlorophenol

Concen: 3.33 ng

RT: 12.51 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF077810.D

Acq: 18 Mar 2015 23:59

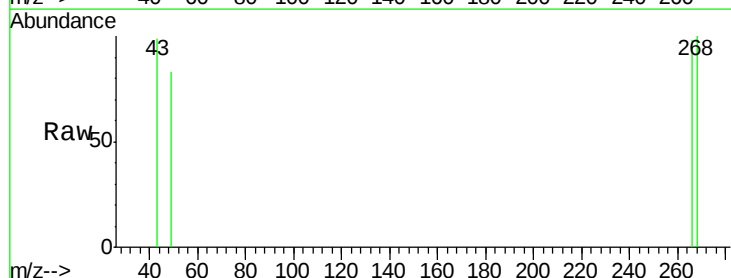
Tgt Ion:266 Resp: 243

Ion Ratio Lower Upper

266 100

268 102.3 52.0 78.0#

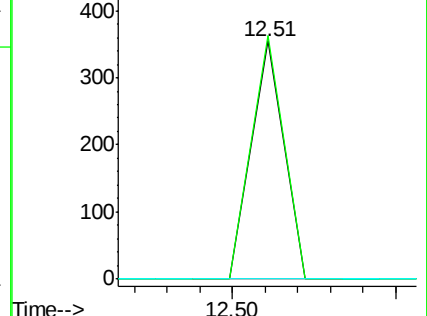
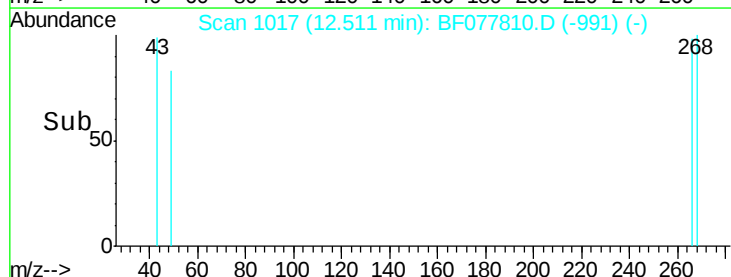
264 0.0 49.0 73.4#

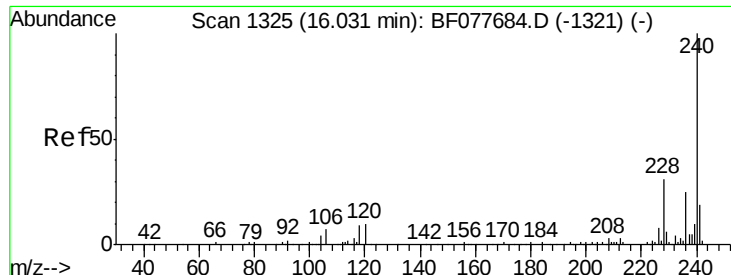


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.03 min

Lab File: BF077810.D

Acq: 18 Mar 2015 23:59

Instrument :

BNA_F

ClientSampleId :

URSMW-12

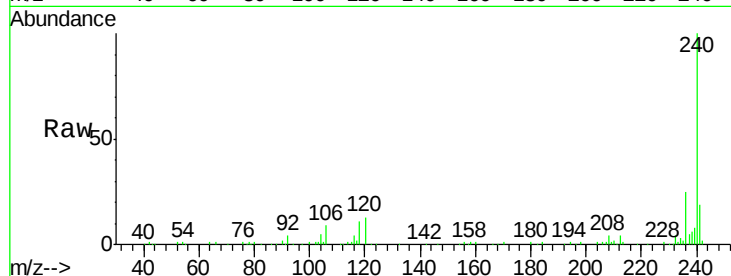
Tgt Ion:240 Resp: 168186

Ion Ratio Lower Upper

240 100

120 12.9 8.2 12.2#

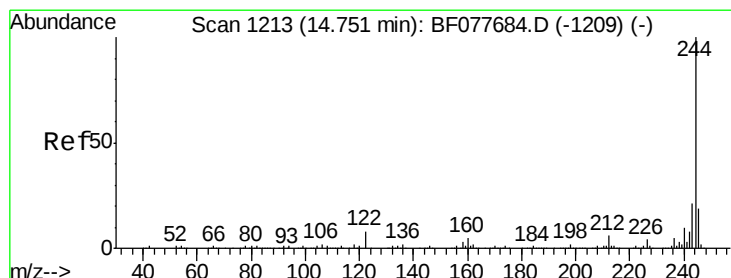
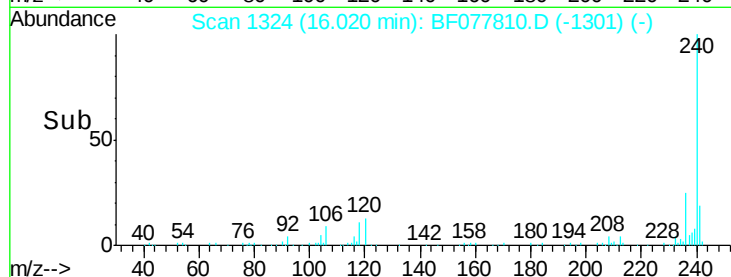
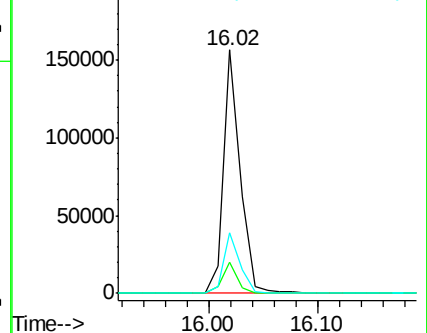
236 24.9 20.0 30.0



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: 84.55 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF077810.D

Acq: 18 Mar 2015 23:59

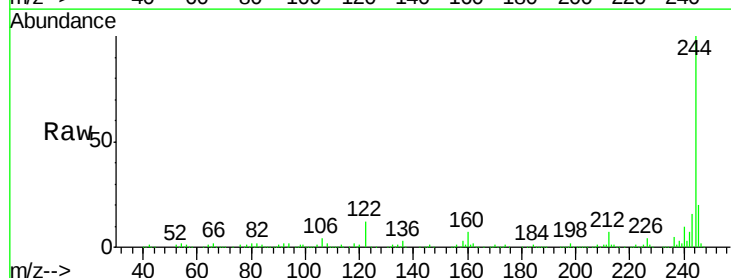
Tgt Ion:244 Resp: 582159

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

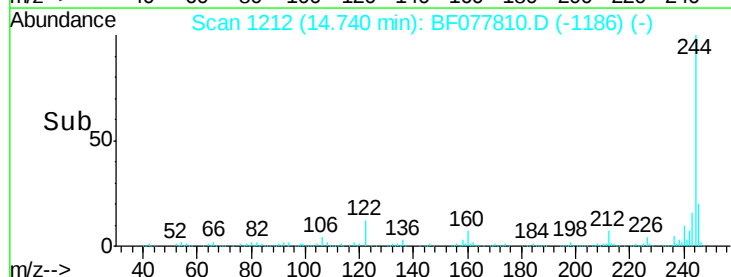
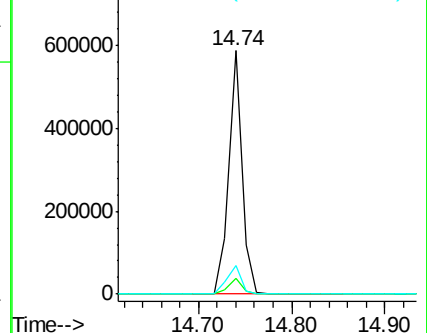
122 11.8 6.2 9.4#

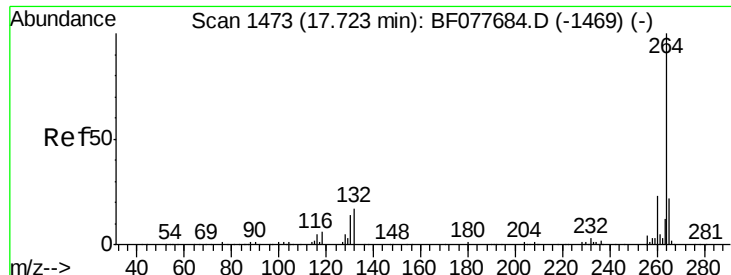


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

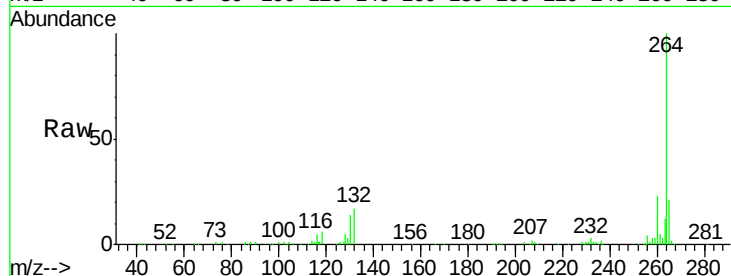




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1472
Delta R.T. -0.14 min
Lab File: BF077810.D
Acq: 18 Mar 2015 23:59

Instrument :
BNA_F
ClientSampleId :
URSMW-12

Tgt Ion:	264	Resp:	162517
Ion	Ratio	Lower	Upper
264	100		
260	23.1	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

