

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077816.D
 Acq On : 19 Mar 2015 2:50
 Operator : TP/IZ
 Sample : G1560-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-07

Quant Time: Mar 19 03:49:03 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 04:21:27 2015
 Response via : Initial Calibration

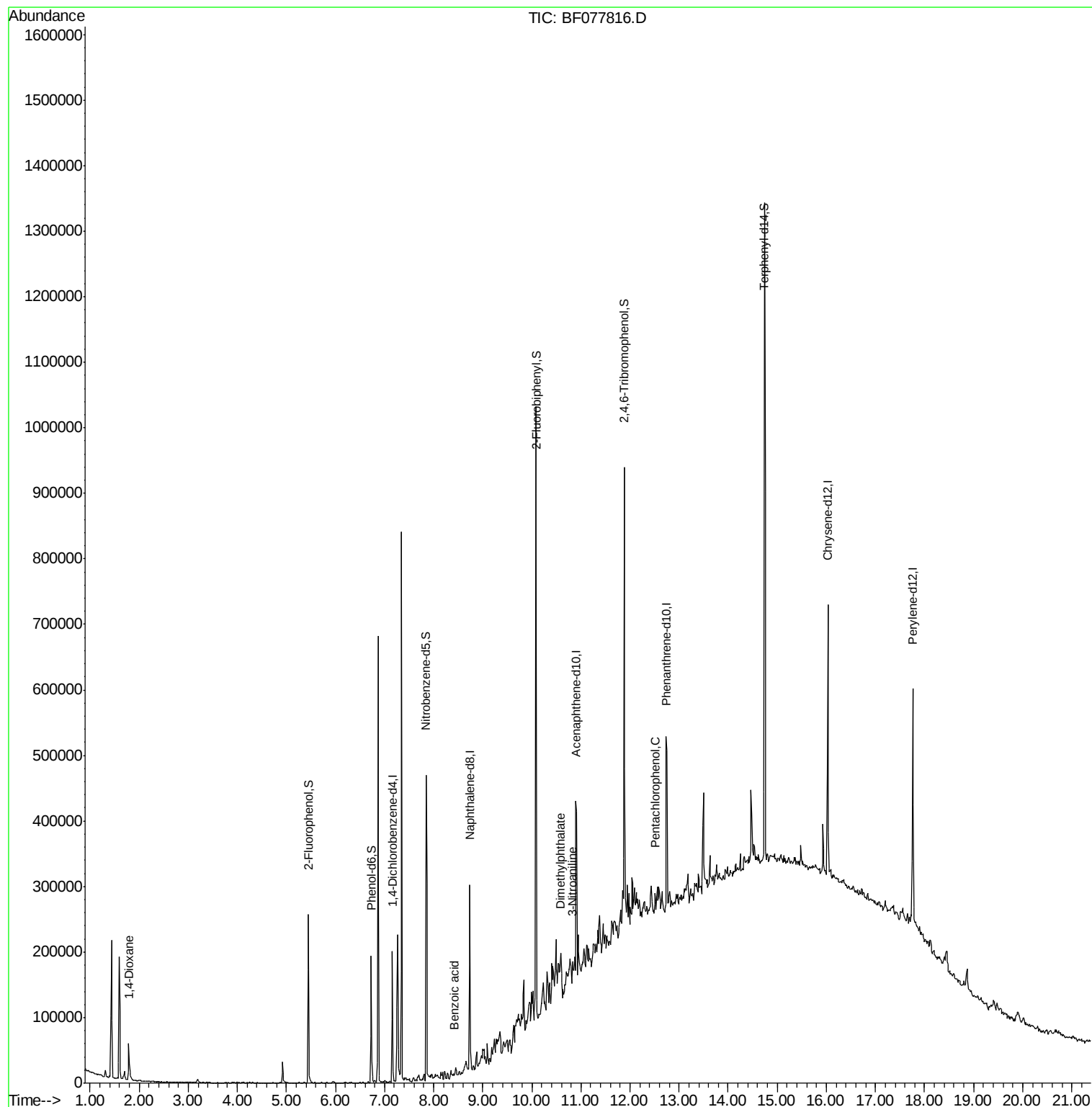
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	36992	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	153491	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	75180	20.00	ng	-0.01
63) Phenanthrene-d10	12.75	188	153693	20.00	ng	0.01
75) Chrysene-d12	16.03	240	165817	20.00	ng	0.00
86) Perylene-d12	17.76	264	168945	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	109122	51.49	ng	0.01
7) Phenol-d6	6.73	99	84521	32.28	ng	0.00
23) Nitrobenzene-d5	7.85	82	194014	82.86	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	86764	120.62	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	432812	84.61	ng	0.00
78) Terphenyl-d14	14.74	244	421416	62.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.79	88	2302	2.39	ng	# 100
32) Benzoic acid	8.43	122	703	3.62	ng	# 81
49) Dimethylphthalate	10.59	163	13490	2.42	ng	# 96
52) 3-Nitroaniline	10.83	138	6665	4.97	ng	# 7
69) Pentachlorophenol	12.51	266	790	3.89	ng	94
76) Benzidine	14.41	184	1049	Below Cal		# 1

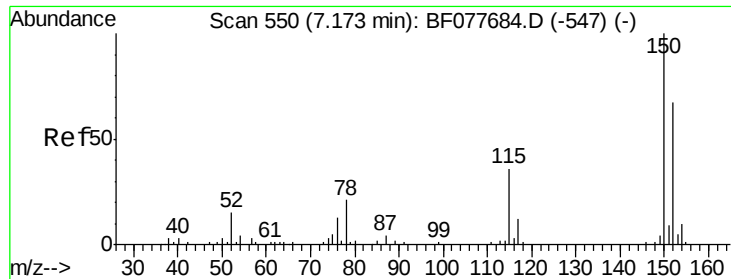
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
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BNA_F
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Quant Time: Mar 19 03:49:03 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 04:21:27 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

Instrument :

BNA_F

ClientSampleId :

URSMW-07

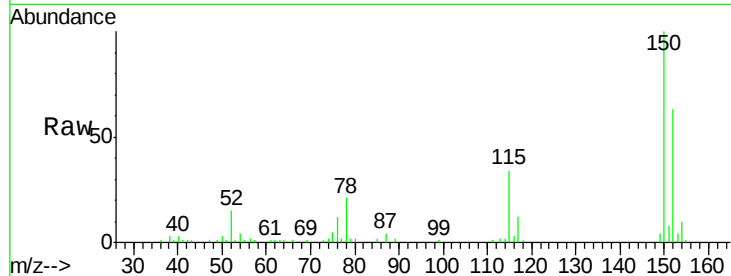
Tgt Ion:152 Resp: 36992

Ion Ratio Lower Upper

152 100

150 157.7 119.5 179.3

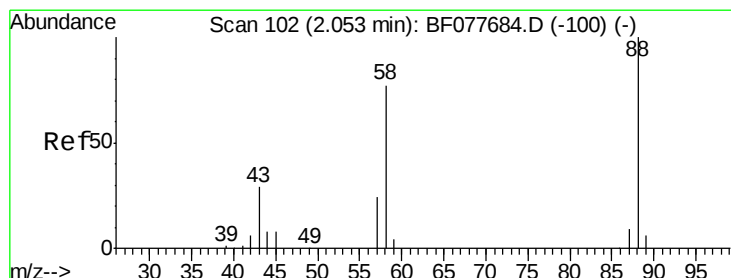
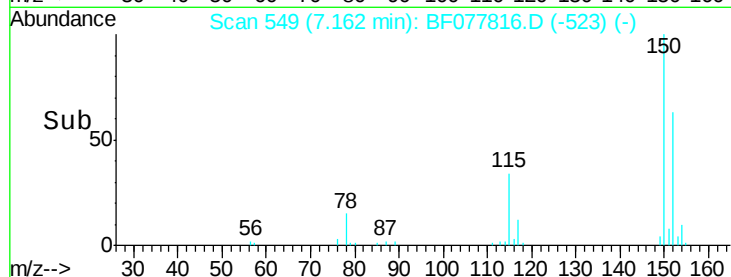
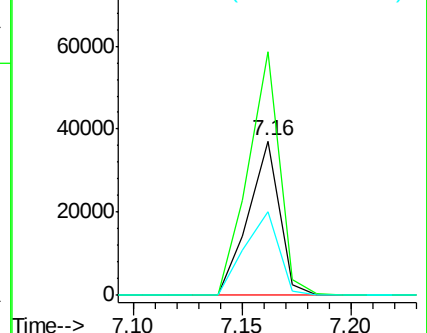
115 53.8 43.0 64.4



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: 2.39 ng

RT: 1.79 min Scan# 79

Delta R.T. -0.25 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

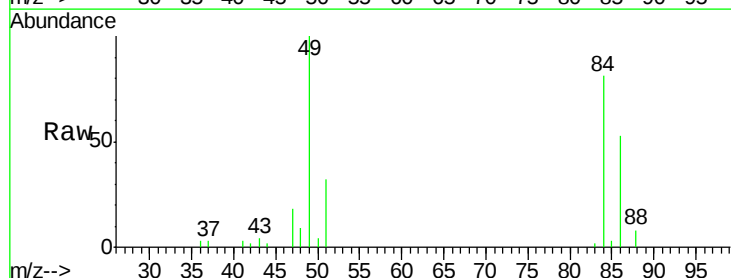
Tgt Ion: 88 Resp: 2302

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

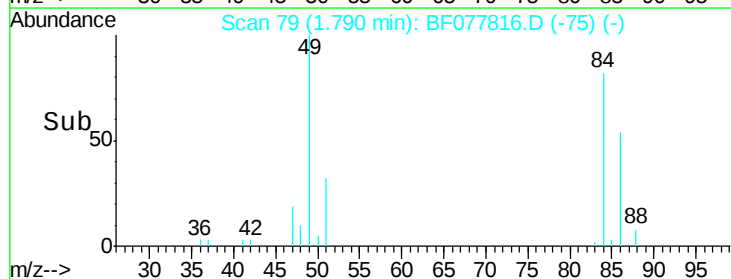
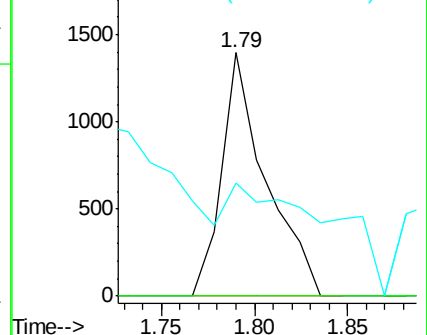
43 106.4 0.0 0.0#

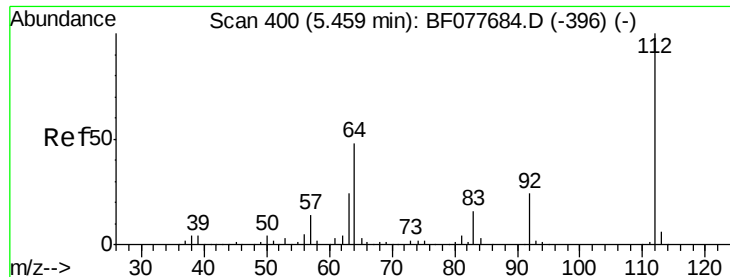


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 51.49 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

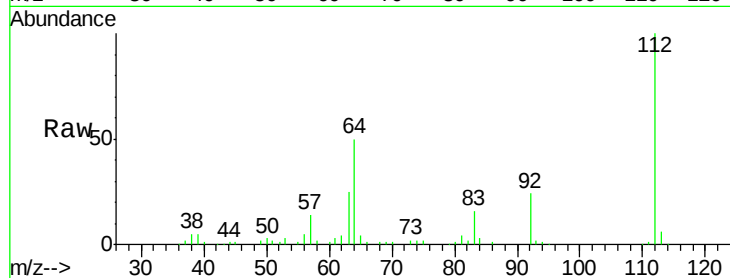
Instrument :

BNA_F

ClientSampleId :

URSMW-07

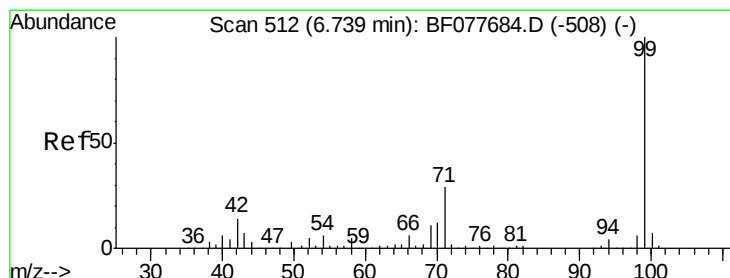
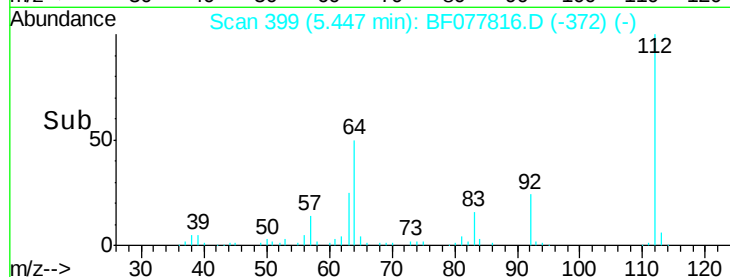
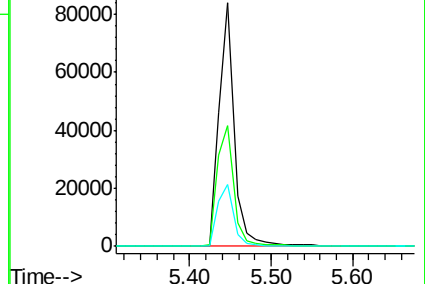
Tgt Ion:	112	Resp:	109122
Ion	Ratio	Lower	Upper
112	100		
64	49.6	38.6	57.8
63	25.2	19.3	28.9



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: 32.28 ng

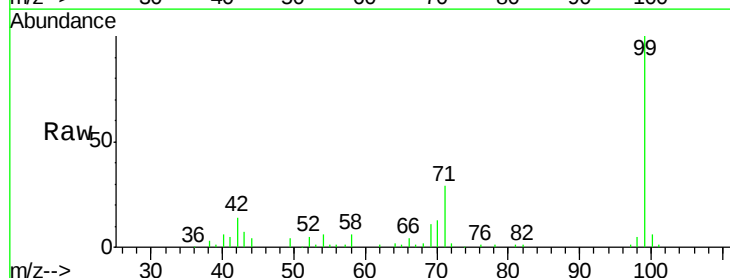
RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

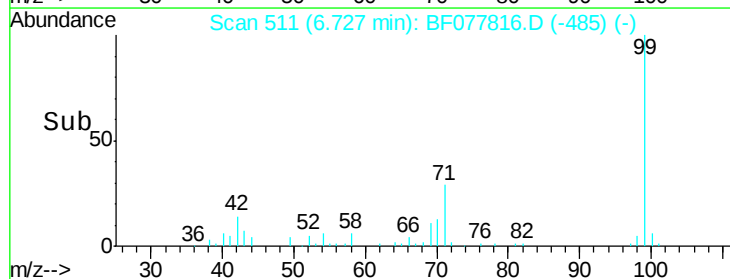
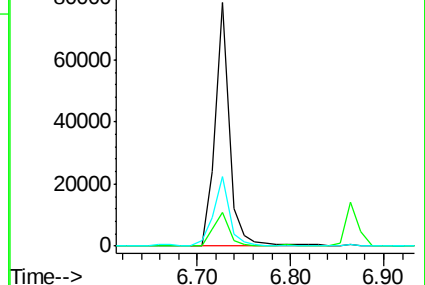
Tgt Ion:	99	Resp:	84521
Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.0	16.4
71	28.6	23.4	35.2

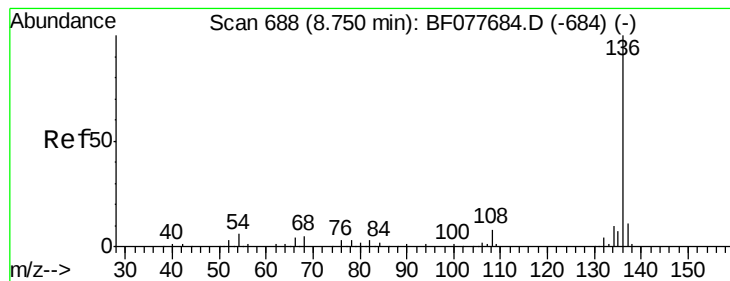


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

Instrument :

BNA_F

ClientSampleId :

URSMW-07

Tgt Ion:136 Resp: 153491

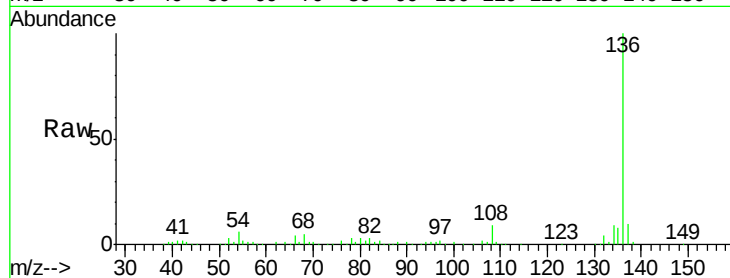
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 5.9 4.6 6.8

68 5.0 3.7 5.5

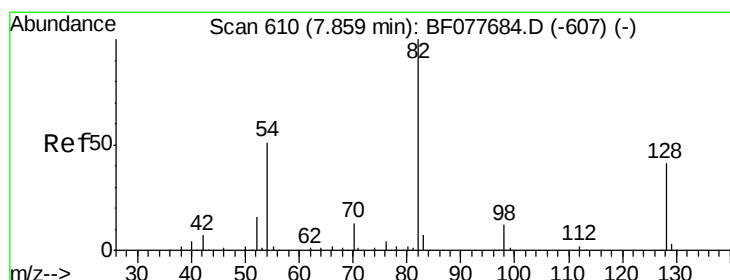
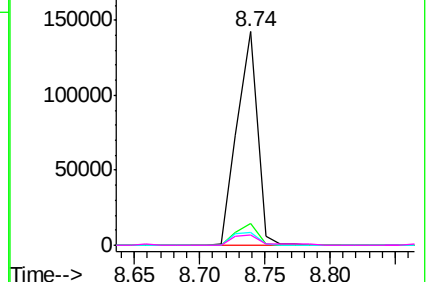
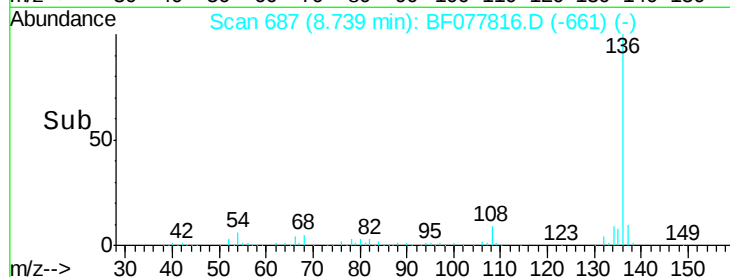


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.86 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

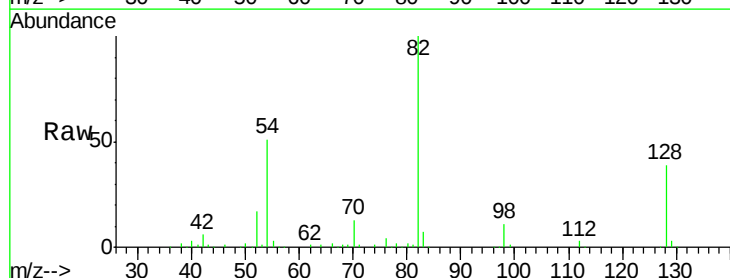
Tgt Ion: 82 Resp: 194014

Ion Ratio Lower Upper

82 100

128 39.3 32.8 49.2

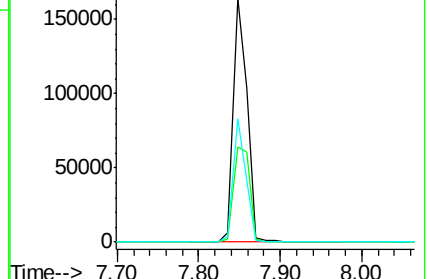
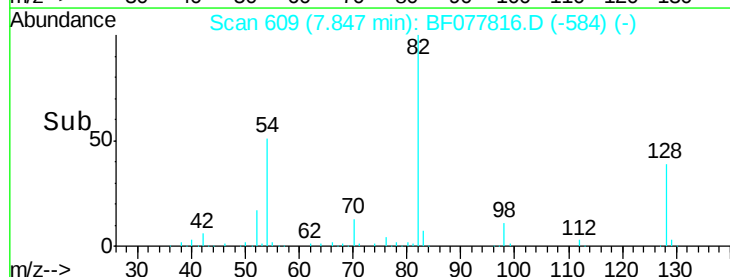
54 50.5 40.6 60.8

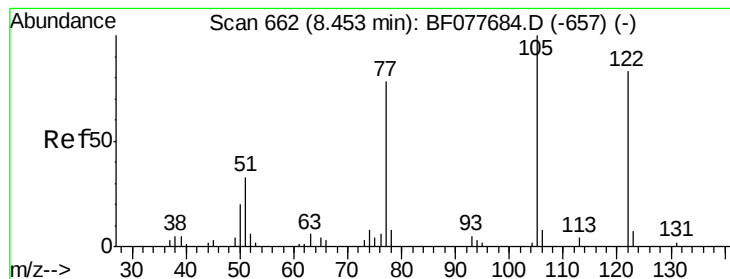


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 3.62 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

Instrument :

BNA_F

ClientSampleId :

URSMW-07

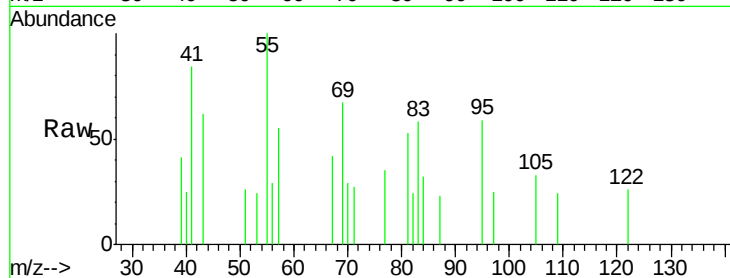
Tgt Ion:122 Resp: 703

Ion Ratio Lower Upper

122 100

105 123.7 99.9 139.9

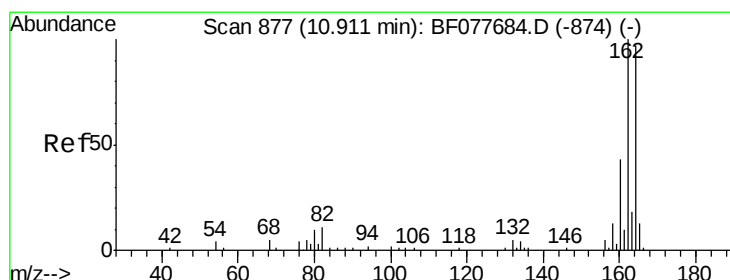
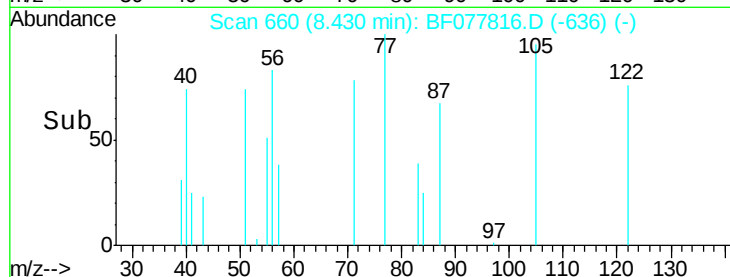
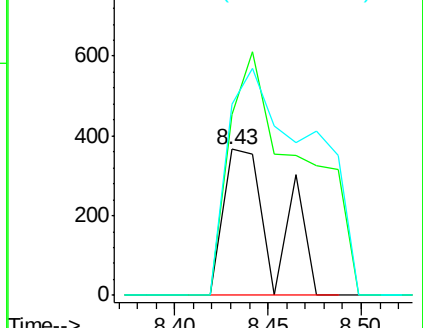
77 130.8 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

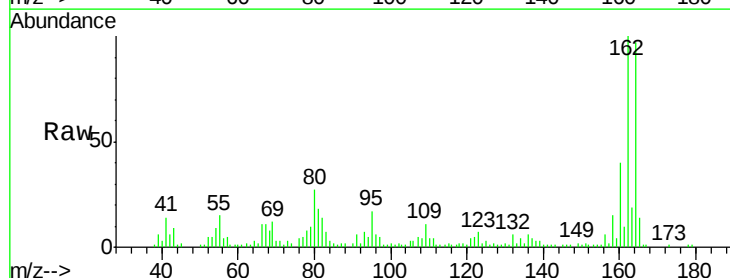
Tgt Ion:164 Resp: 75180

Ion Ratio Lower Upper

164 100

162 103.1 82.4 123.6

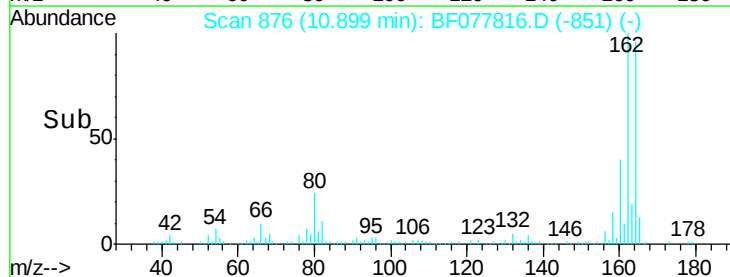
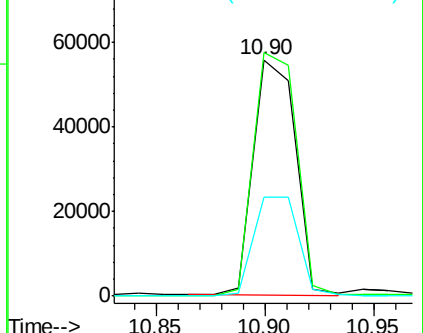
160 41.7 35.8 53.6

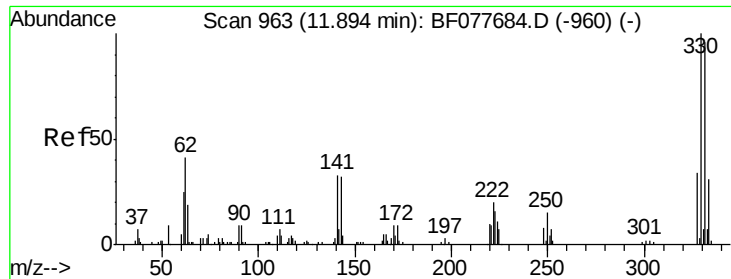


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

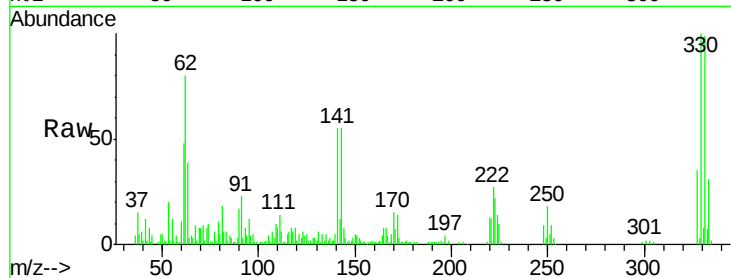




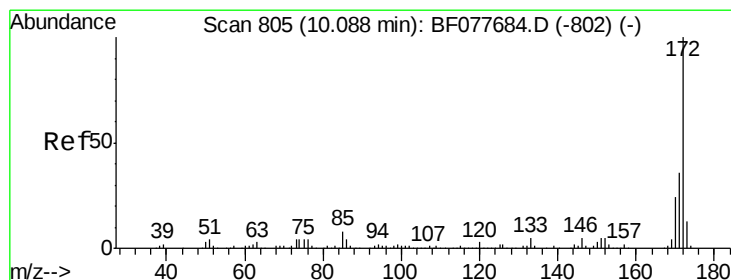
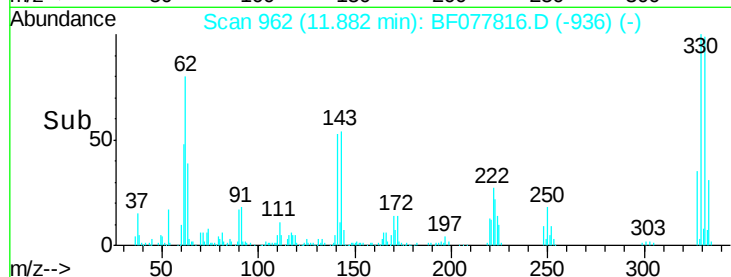
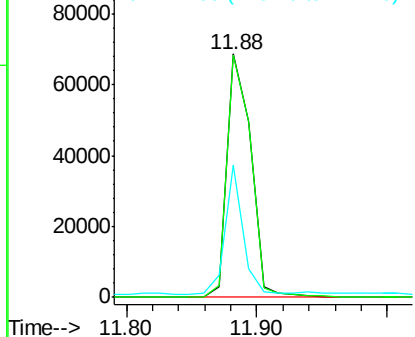
#41
 2,4,6-Tribromophenol
 Concen: 120.62 ng
 RT: 11.88 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF077816.D
 Acq: 19 Mar 2015 2:50

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-07

Tgt Ion:330 Resp: 86764
 Ion Ratio Lower Upper
 330 100
 332 100.1 0.0 0.0#
 141 41.3 0.0 0.0#

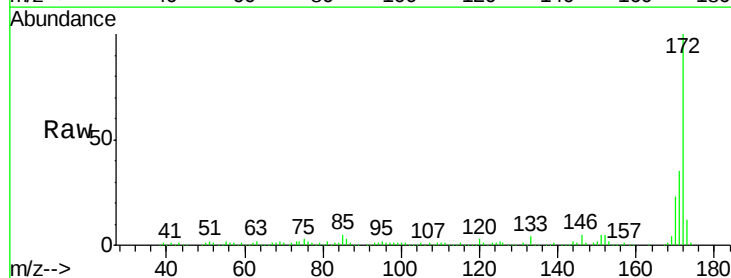


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

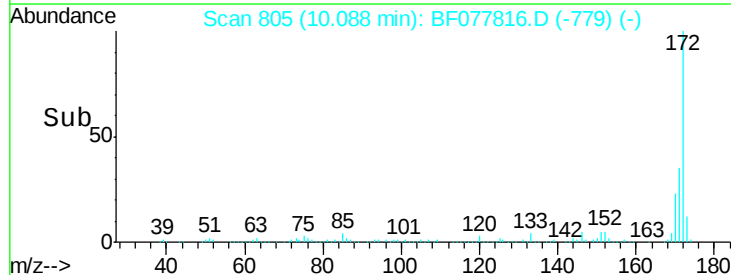
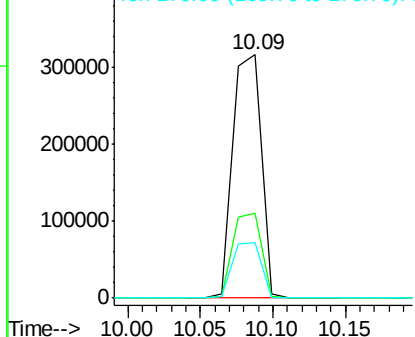


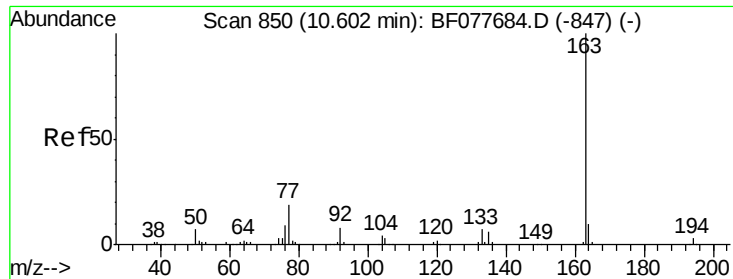
#44
 2-Fluorobiphenyl
 Concen: 84.61 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077816.D
 Acq: 19 Mar 2015 2:50

Tgt Ion:172 Resp: 432812
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.0 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





#49

Dimethylphthalate

Concen: 2.42 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

Instrument :

BNA_F

ClientSampleId :

URSMW-07

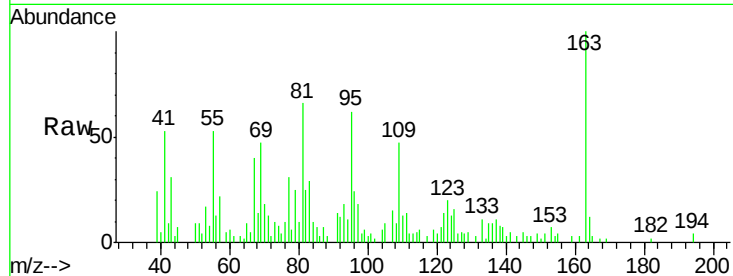
Tgt Ion:163 Resp: 13490

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

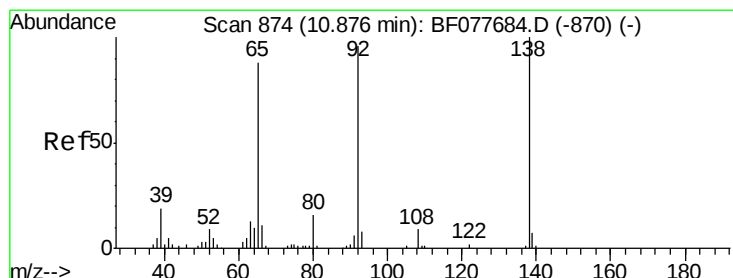
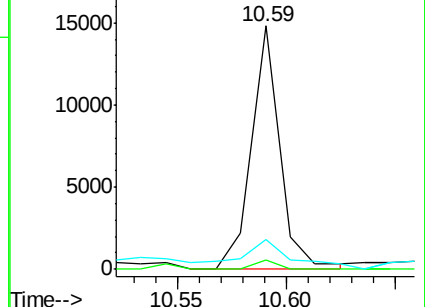
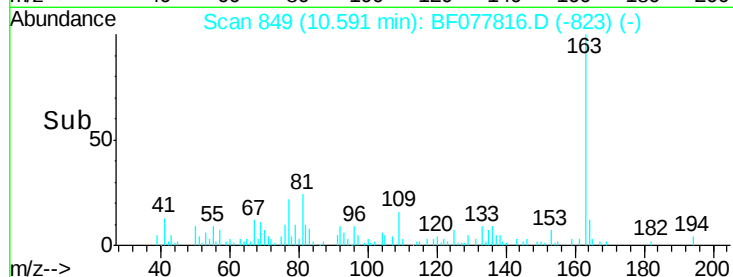
164 12.3 8.2 12.2#



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



#52

3-Nitroaniline

Concen: 4.97 ng

RT: 10.83 min Scan# 870

Delta R.T. -0.03 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

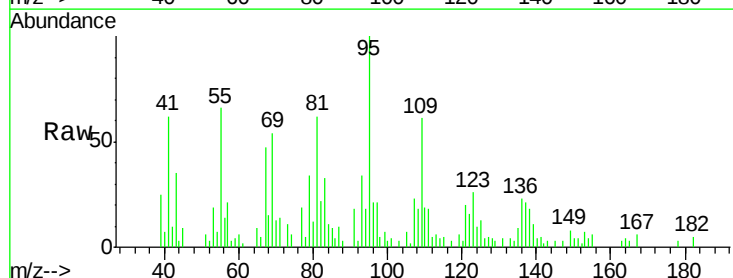
Tgt Ion:138 Resp: 6665

Ion Ratio Lower Upper

138 100

108 98.2 7.3 10.9#

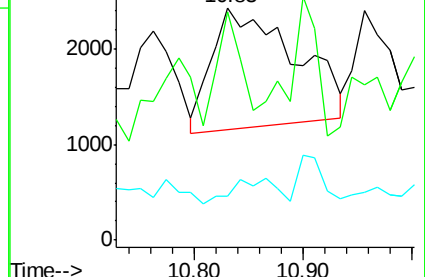
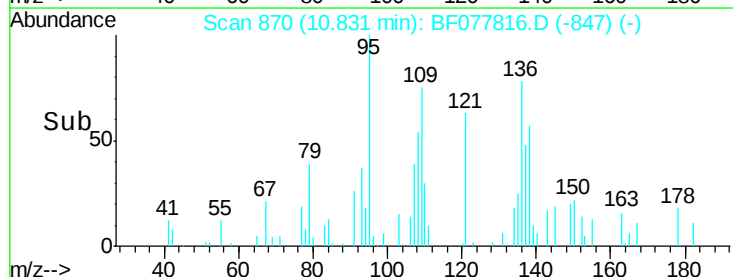
92 18.7 76.6 114.8#

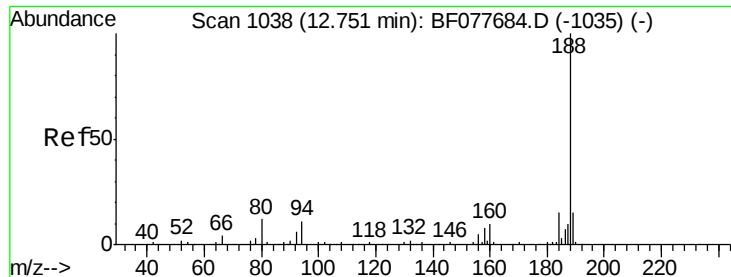


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

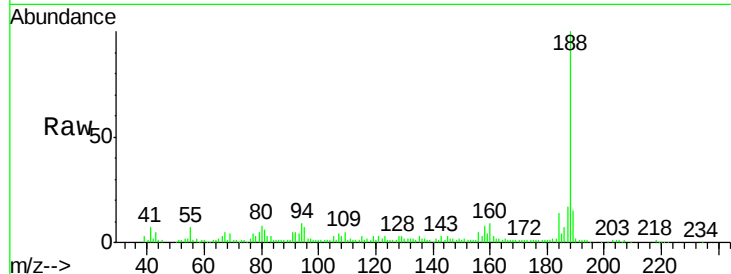




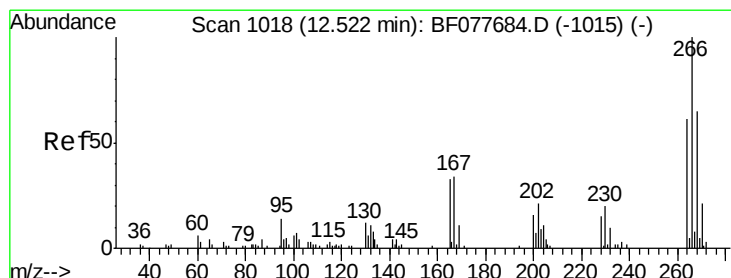
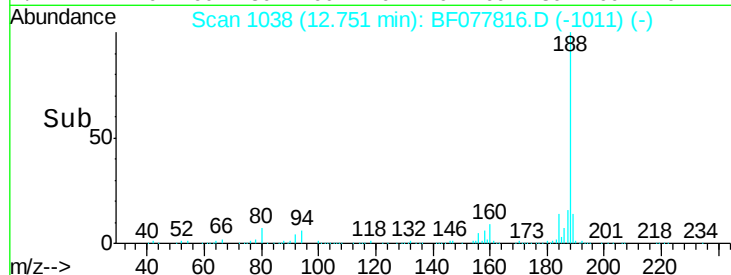
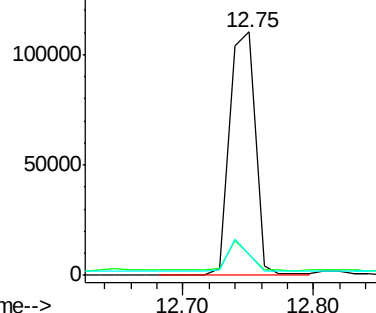
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF077816.D
Acq: 19 Mar 2015 2:50

Instrument :
BNA_F
ClientSampleId :
URSMW-07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.7	13.1#
80	8.4	9.3	13.9#

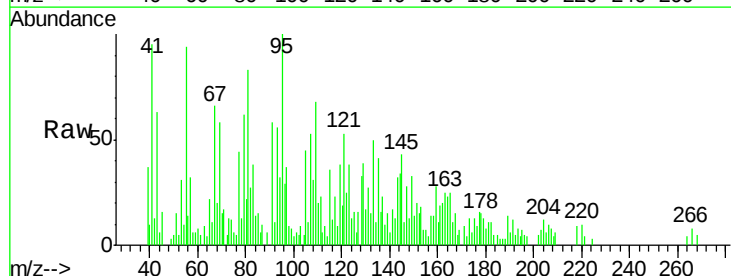


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

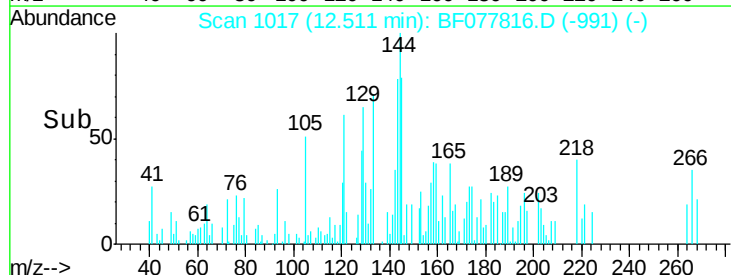
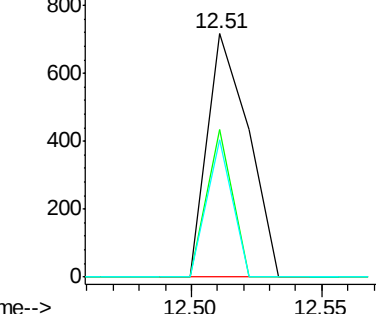


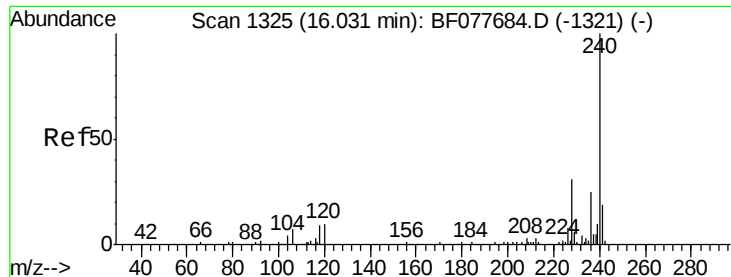
#69
Pentachlorophenol
Concen: 3.89 ng
RT: 12.51 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF077816.D
Acq: 19 Mar 2015 2:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.5	52.0	78.0
264	56.3	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: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

Instrument :

BNA_F

ClientSampleId :

URSMW-07

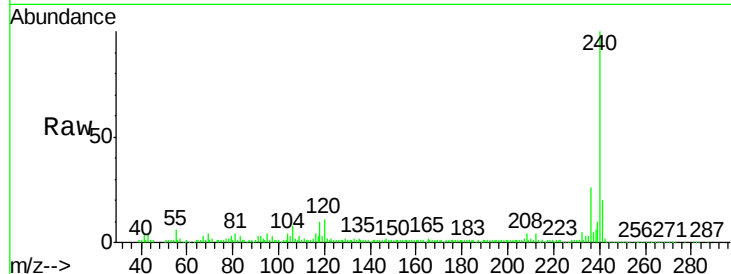
Tgt Ion:240 Resp: 165817

Ion Ratio Lower Upper

240 100

120 11.3 8.2 12.2

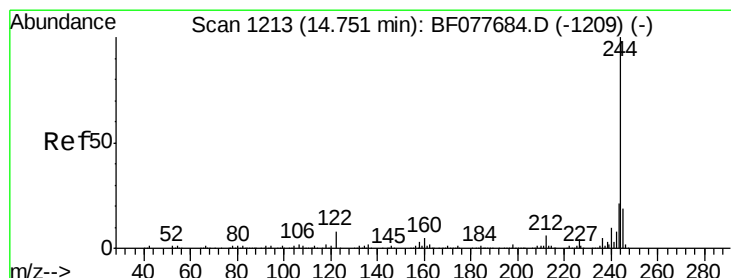
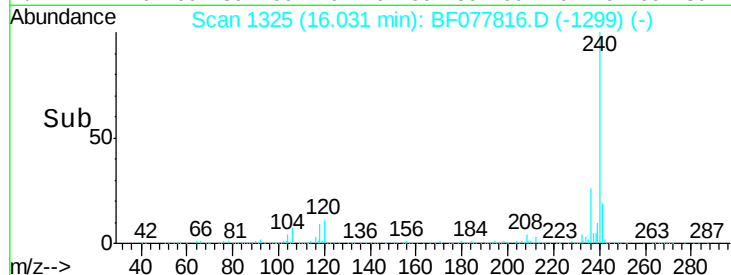
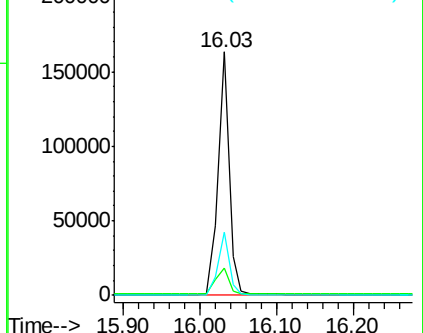
236 25.9 20.0 30.0



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: 62.08 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077816.D

Acq: 19 Mar 2015 2:50

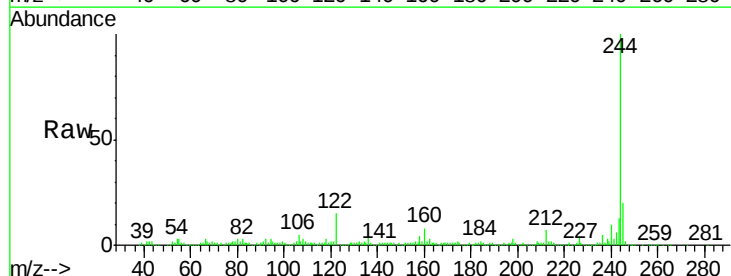
Tgt Ion:244 Resp: 421416

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

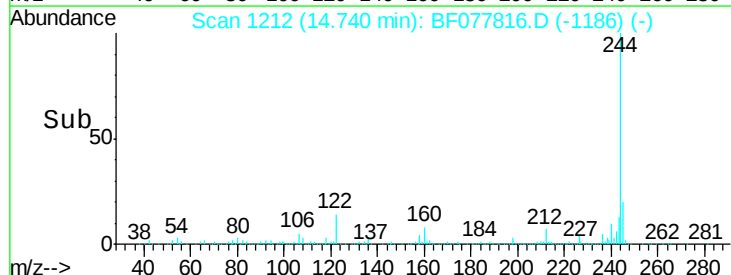
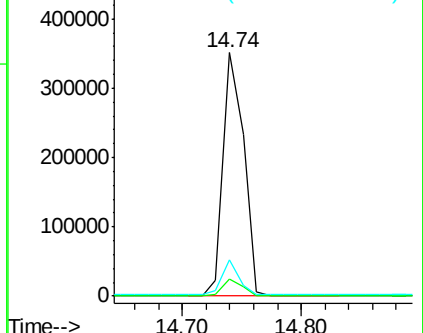
122 14.9 6.2 9.4#

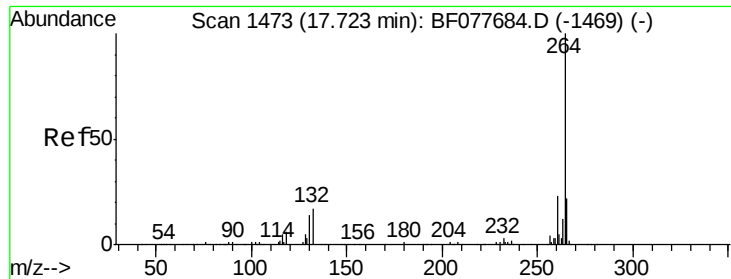


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.01 min
Lab File: BF077816.D
Acq: 19 Mar 2015 2:50

Instrument :
BNA_F
ClientSampleId :
URSMW-07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.0	17.3	25.9

