

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031815\
 Data File : BF077827.D
 Acq On : 19 Mar 2015 8:04
 Operator : TP/IZ
 Sample : G1560-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Quant Time: Mar 19 07:42:53 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

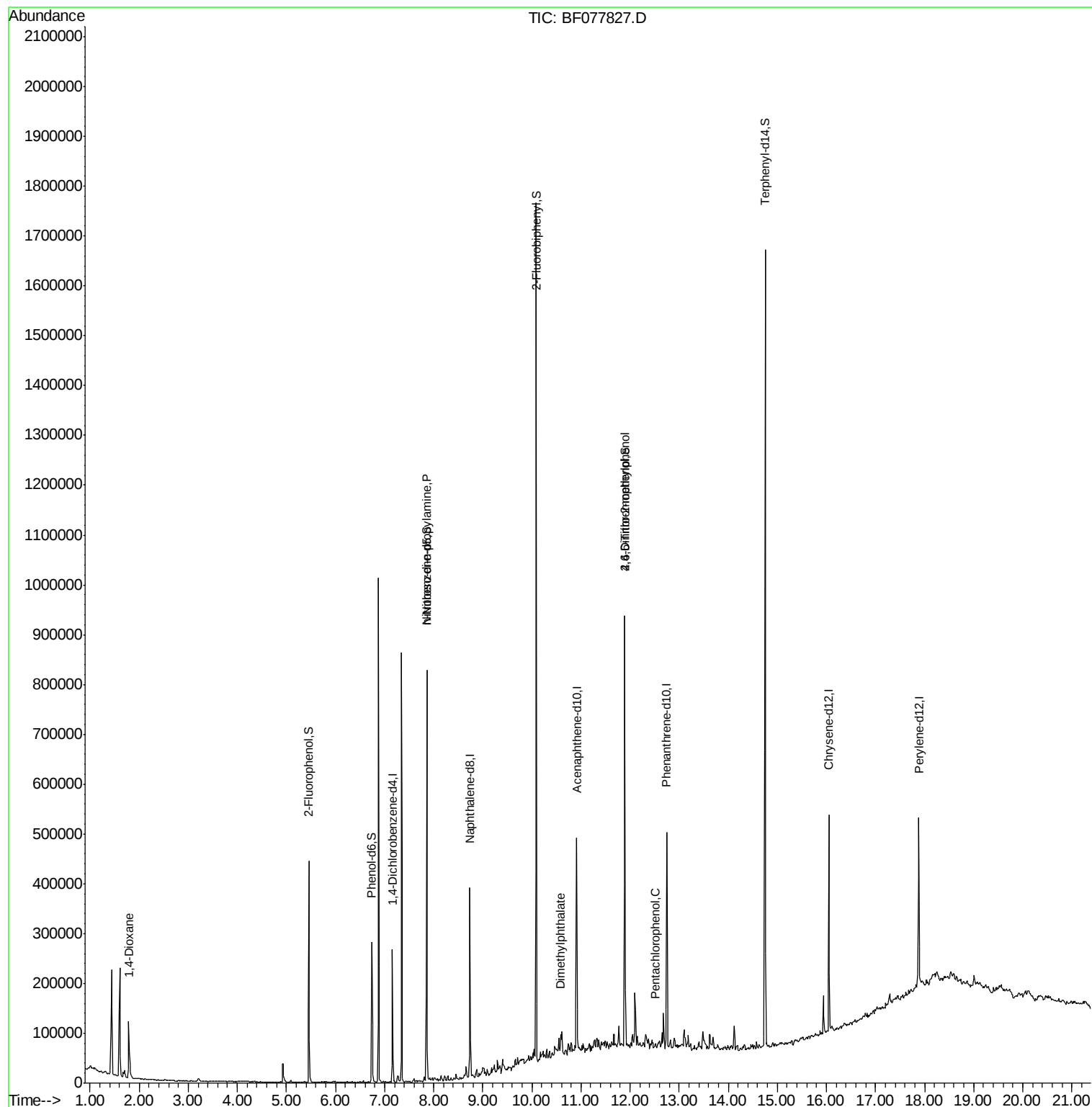
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	41482	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	166853	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	87213	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	159423	20.00	ng	0.01
75) Chrysene-d12	16.05	240	172317	20.00	ng	0.02
86) Perylene-d12	17.88	264	174012	20.00	ng	0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	144966	61.00	ng	0.02
7) Phenol-d6	6.74	99	112032	38.16	ng	0.01
23) Nitrobenzene-d5	7.86	82	254273	99.90	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	107905	129.31	ng	0.01
44) 2-Fluorobiphenyl	10.09	172	545411	91.91	ng	0.00
78) Terphenyl-d14	14.75	244	580949	82.35	ng	0.01
Target Compounds						
2) 1,4-Dioxane	1.79	88	5479	5.08	ng	# 100
19) n-Nitroso-di-n-propylamine	7.86	70	33885	16.68	ng	# 79
49) Dimethylphthalate	10.59	163	19537	3.02	ng	# 96
64) 4,6-Dinitro-2-methylphenol	11.89	198	283	4.64	ng	# 1
69) Pentachlorophenol	12.52	266	213	3.29	ng	# 19

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

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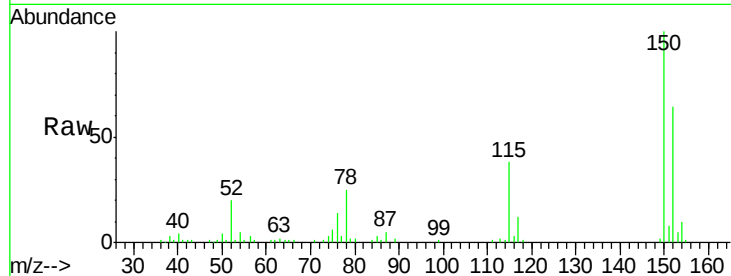




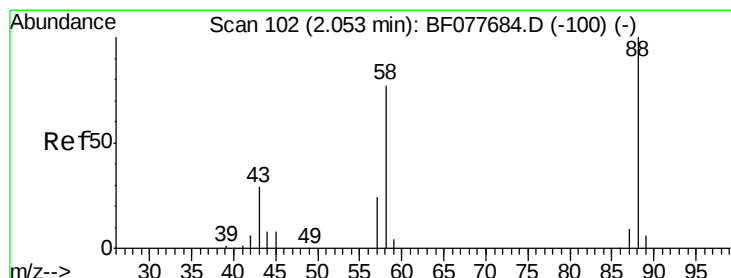
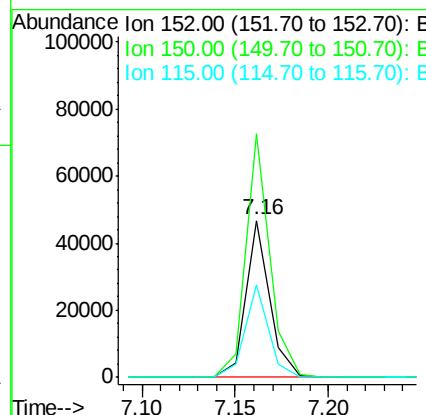
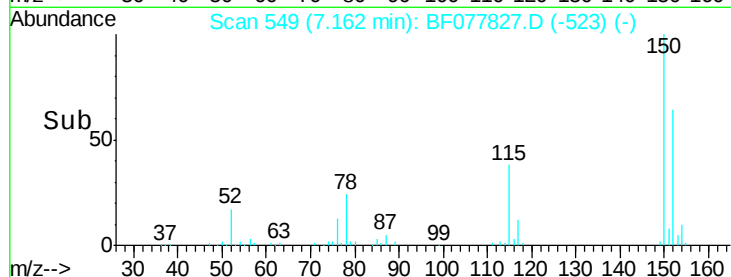
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF077827.D
 Acq: 19 Mar 2015 8:04

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Tgt Ion:152 Resp: 41482
 Ion Ratio Lower Upper
 152 100
 150 155.3 119.5 179.3
 115 58.7 43.0 64.4

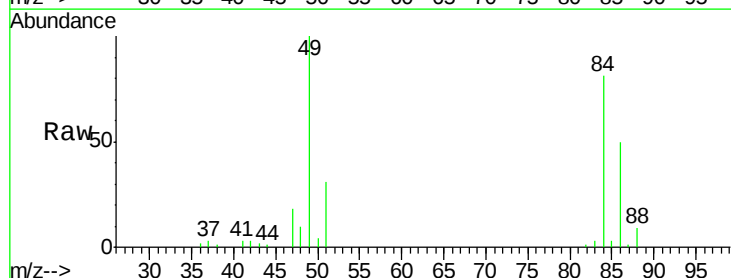


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

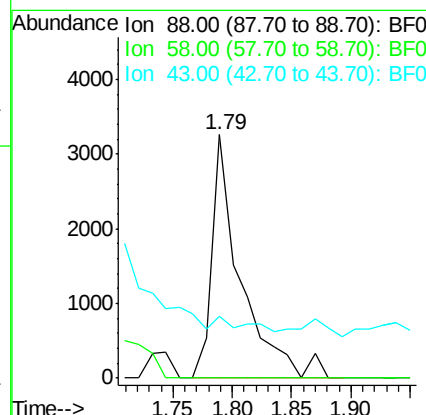
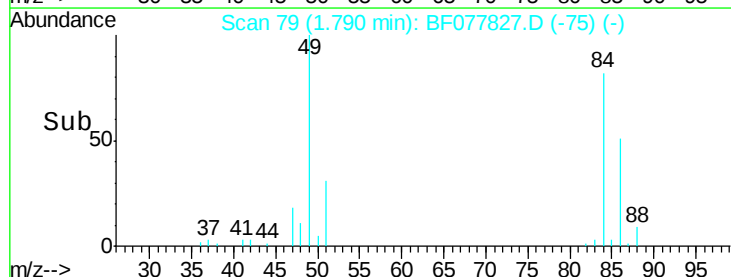


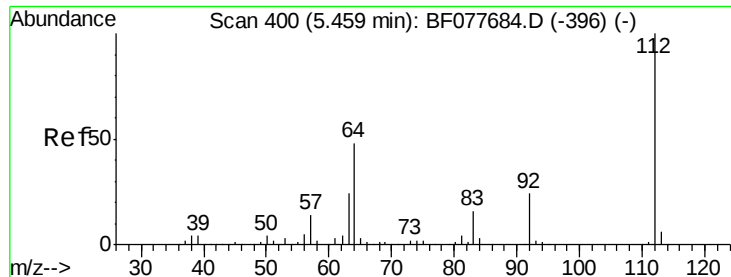
#2
 1,4-Dioxane
 Concen: 5.08 ng
 RT: 1.79 min Scan# 79
 Delta R.T. -0.25 min
 Lab File: BF077827.D
 Acq: 19 Mar 2015 8:04

Tgt Ion: 88 Resp: 5479
 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: 61.00 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.02 min

Lab File: BF077827.D

Acq: 19 Mar 2015 8:04

Instrument :

BNA_F

ClientSampleId :

URSMW-11

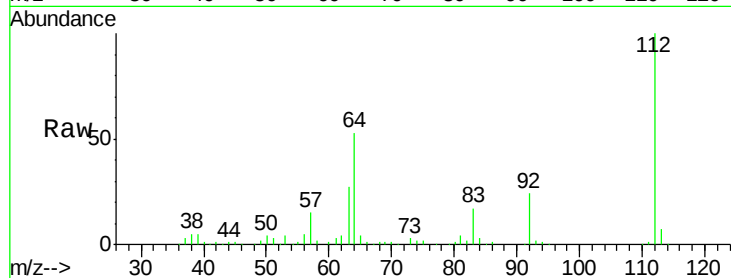
Tgt Ion: 112 Resp: 144966

Ion Ratio Lower Upper

112 100

64 53.2 38.6 57.8

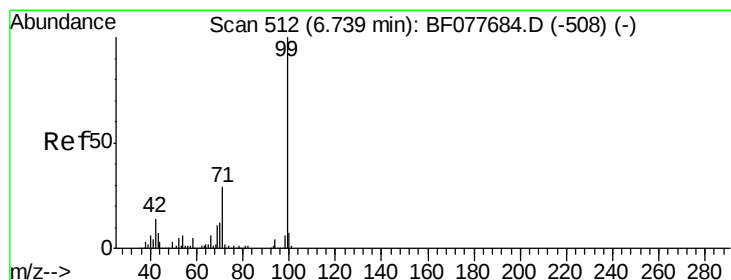
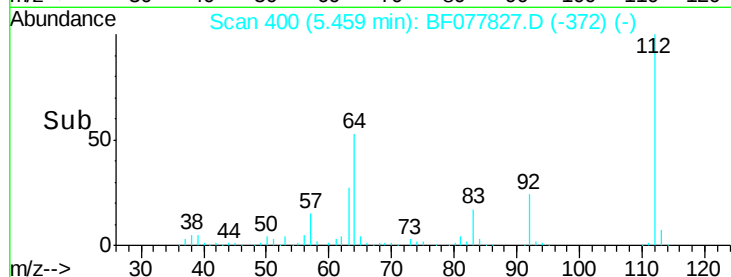
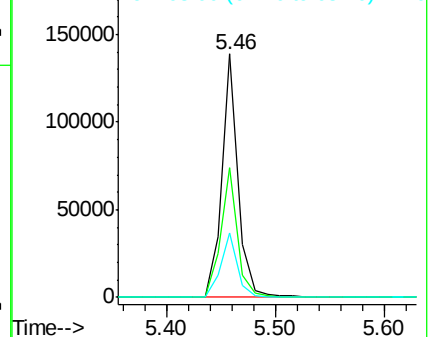
63 26.6 19.3 28.9



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: 38.16 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF077827.D

Acq: 19 Mar 2015 8:04

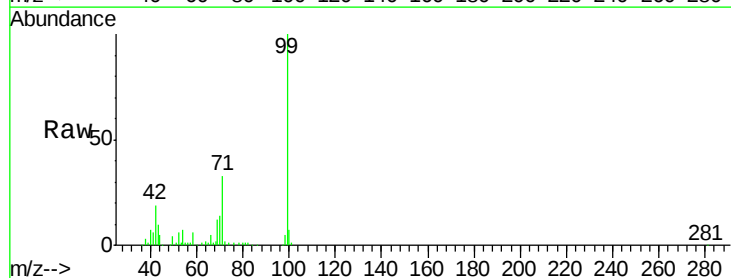
Tgt Ion: 99 Resp: 112032

Ion Ratio Lower Upper

99 100

42 18.6 11.0 16.4#

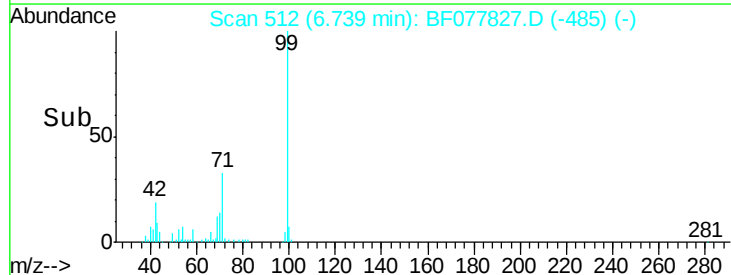
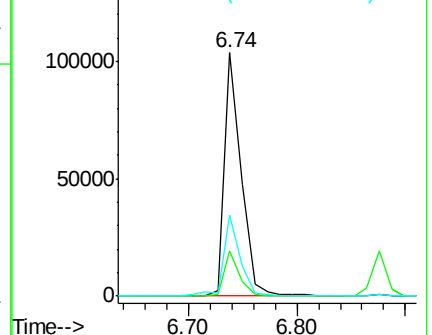
71 33.3 23.4 35.2

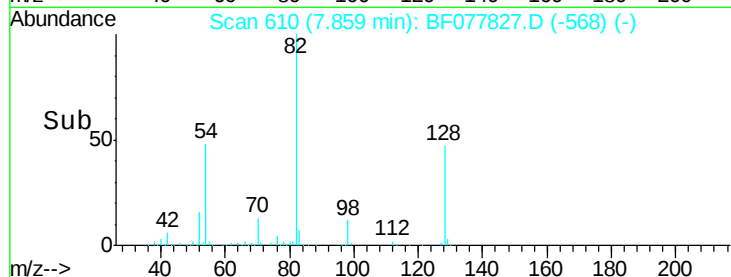
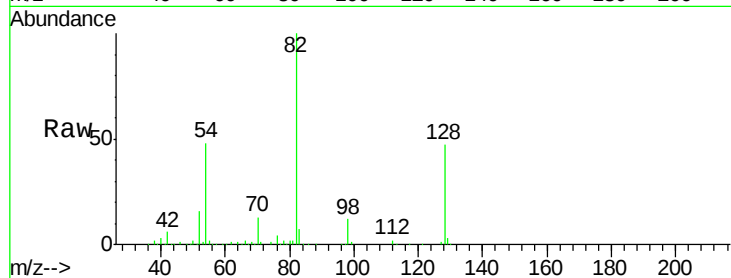
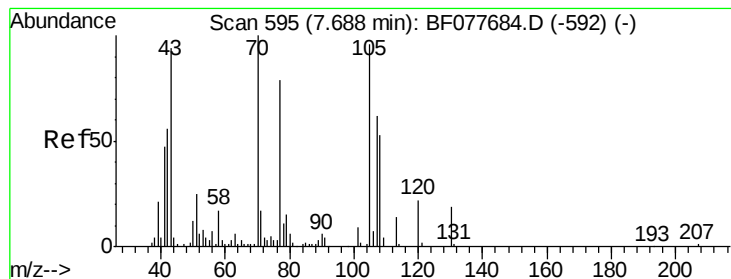


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 16.68 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.18 min

Lab File: BF077827.D

Acq: 19 Mar 2015 8:04

Instrument :

BNA_F

ClientSampleId :

URSMW-11

Tgt Ion: 70 Resp: 33885

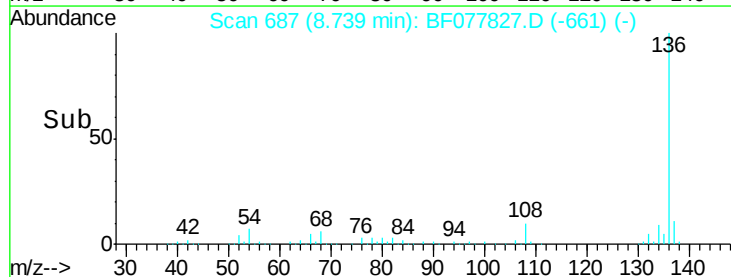
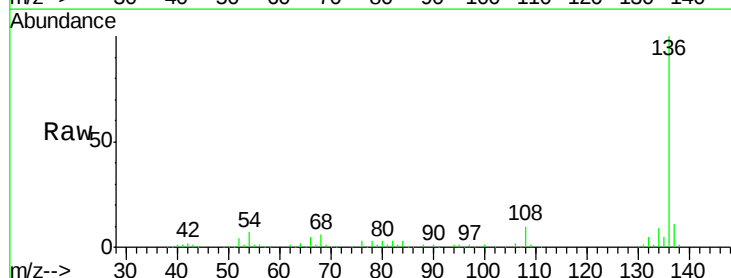
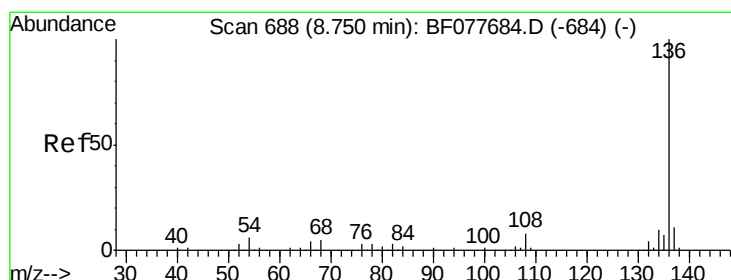
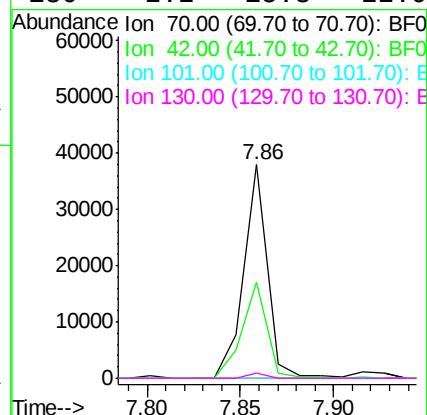
Ion Ratio Lower Upper

70 100

42 45.1 44.5 66.7

101 0.0 7.4 11.2#

130 2.2 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: BF077827.D

Acq: 19 Mar 2015 8:04

Tgt Ion: 136 Resp: 166853

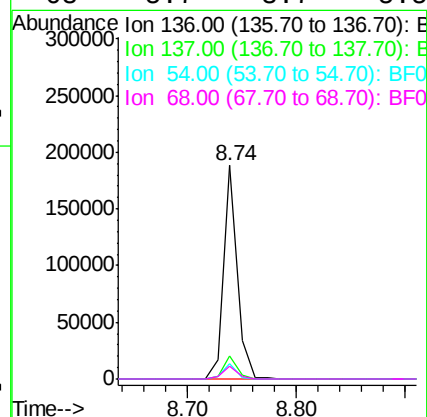
Ion Ratio Lower Upper

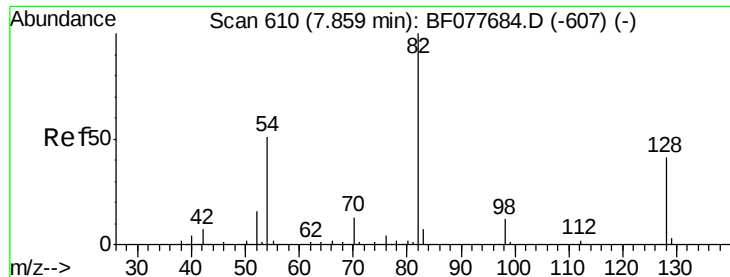
136 100

137 10.7 8.7 13.1

54 7.4 4.6 6.8#

68 5.7 3.7 5.5#

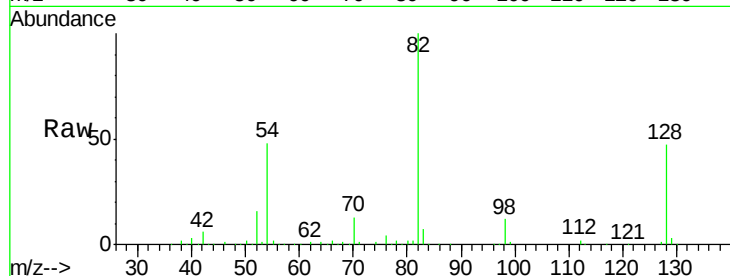




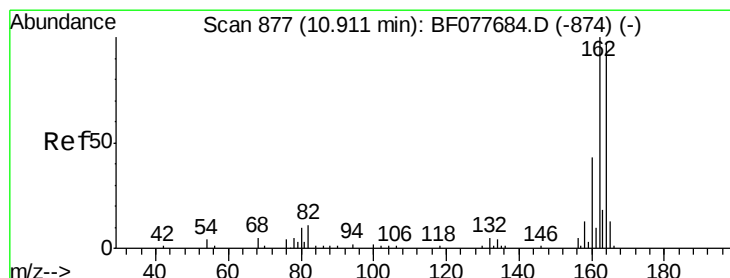
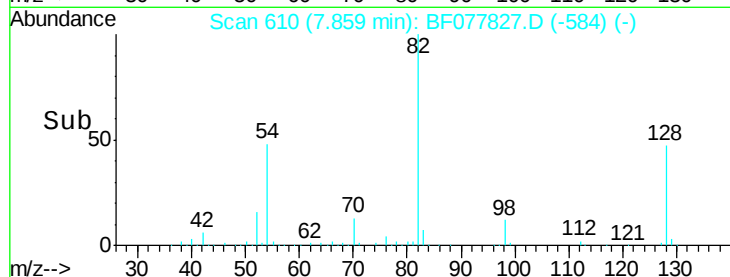
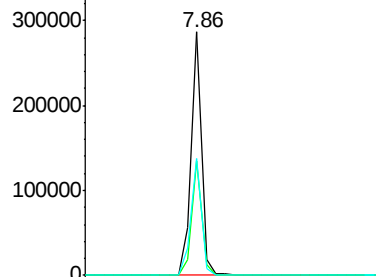
#23
 Nitrobenzene-d5
 Concen: 99.90 ng
 RT: 7.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF077827.D
 Acq: 19 Mar 2015 8:04

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Tgt Ion: 82 Resp: 254273
 Ion Ratio Lower Upper
 82 100
 128 47.0 32.8 49.2
 54 47.9 40.6 60.8

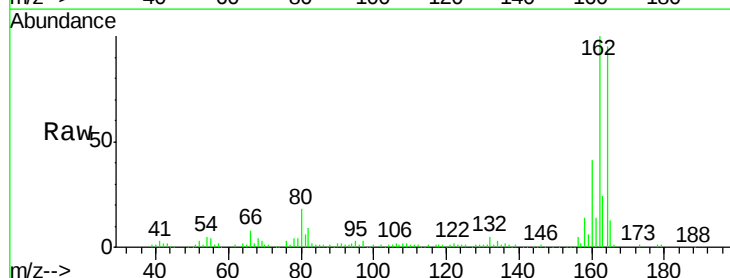


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

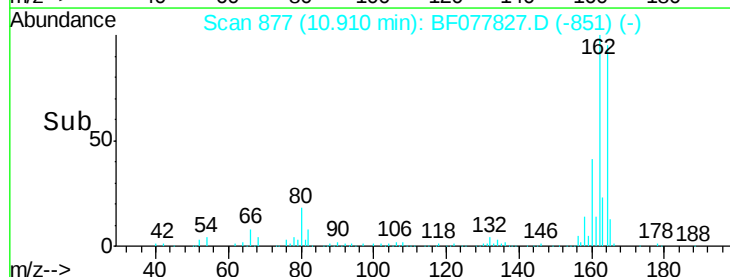
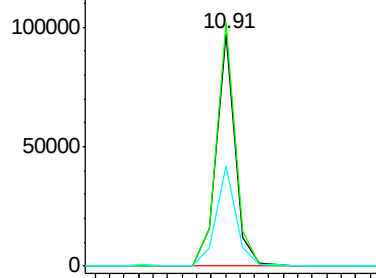


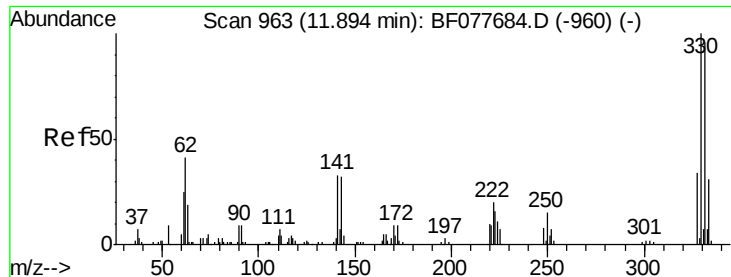
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077827.D
 Acq: 19 Mar 2015 8:04

Tgt Ion: 164 Resp: 87213
 Ion Ratio Lower Upper
 164 100
 162 104.8 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

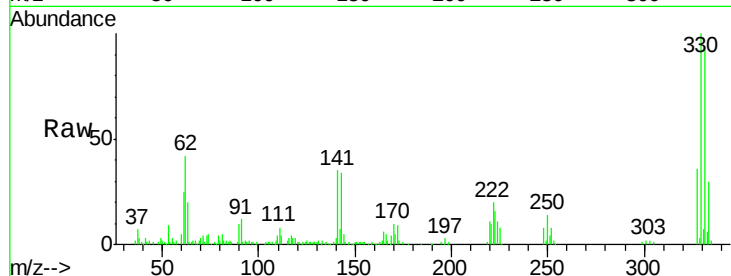




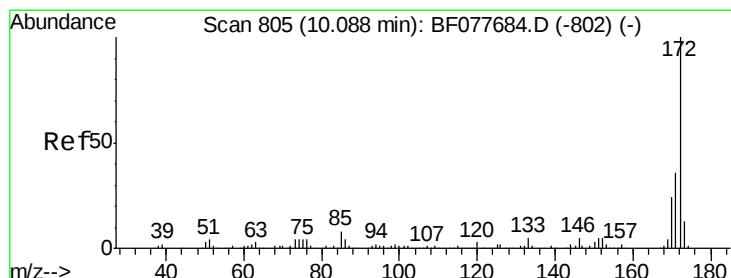
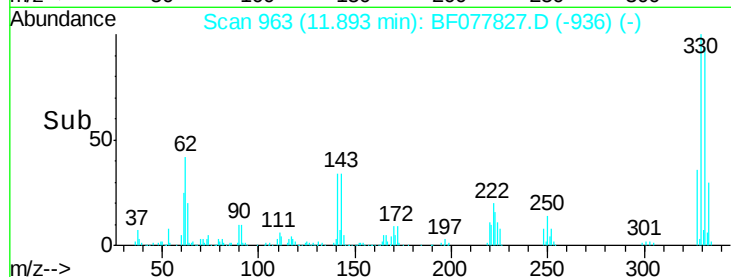
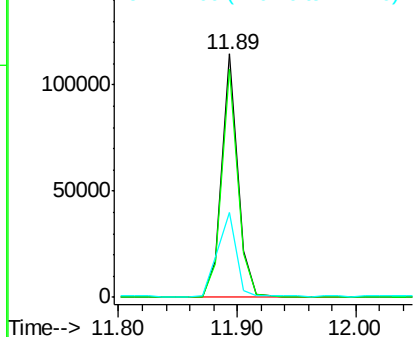
#41
 2,4,6-Tribromophenol
 Concen: 129.31 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF077827.D
 Acq: 19 Mar 2015 8:04

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.6	0.0	0.0#
141	39.6	0.0	0.0#

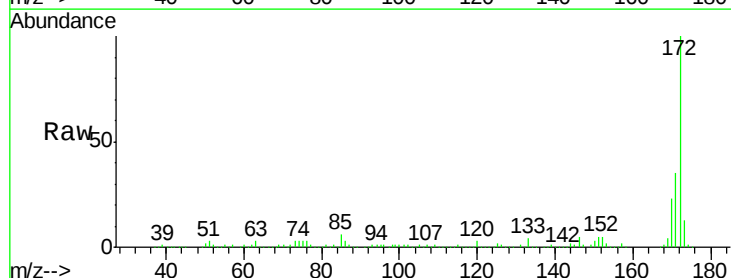


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

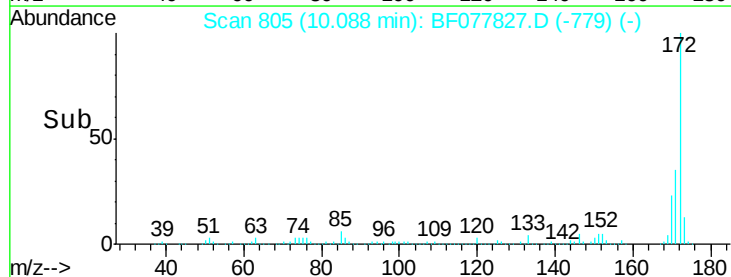
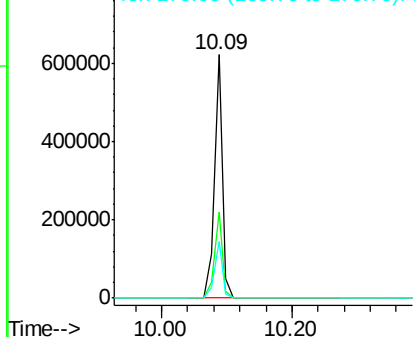


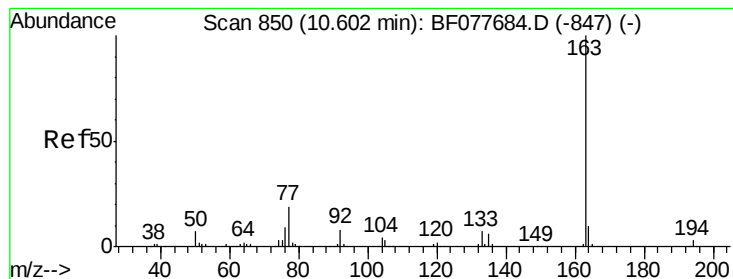
#44
 2-Fluorobiphenyl
 Concen: 91.91 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077827.D
 Acq: 19 Mar 2015 8:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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





#49

Dimethylphthalate

Concen: 3.02 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF077827.D

Acq: 19 Mar 2015 8:04

Instrument :

BNA_F

ClientSampleId :

URSMW-11

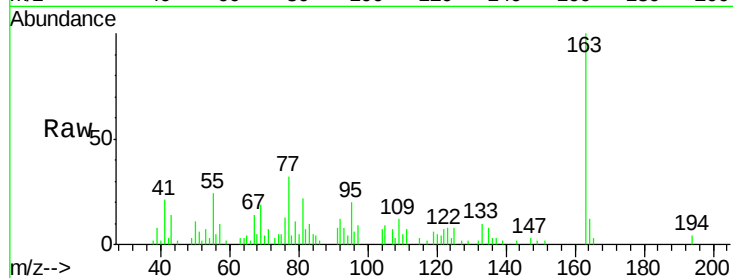
Tgt Ion:163 Resp: 19537

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

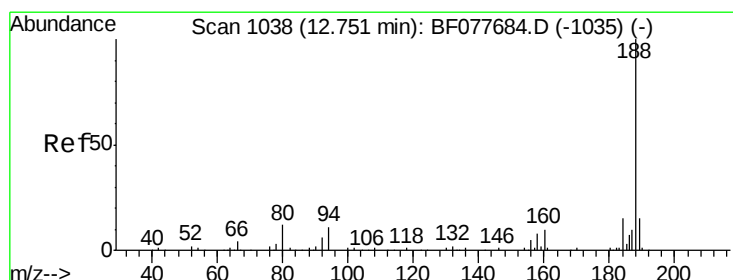
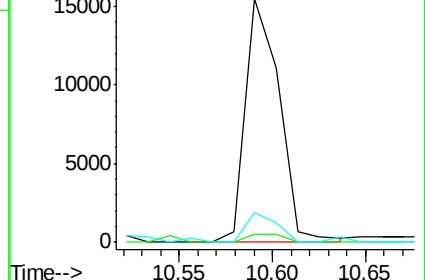
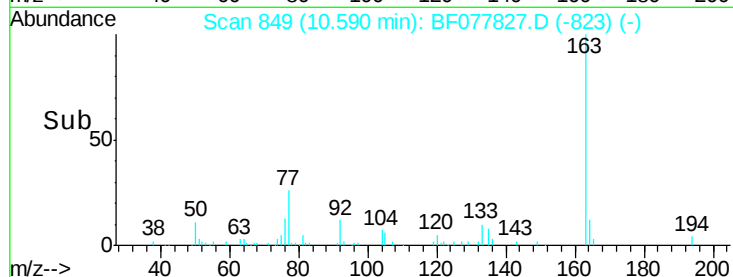
164 12.3 8.2 12.2#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.75 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF077827.D

Acq: 19 Mar 2015 8:04

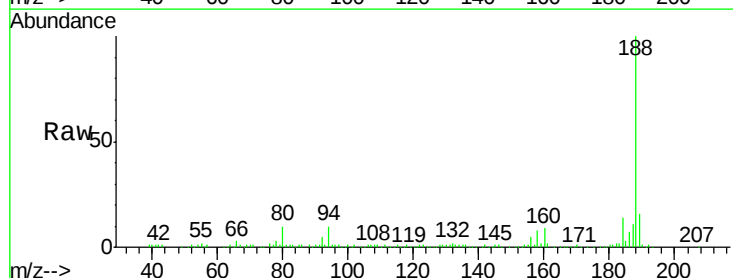
Tgt Ion:188 Resp: 159423

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

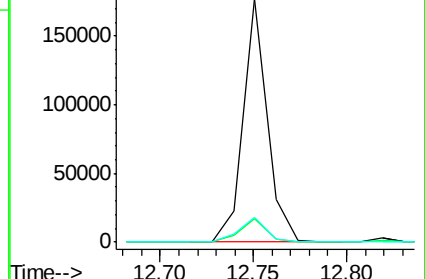
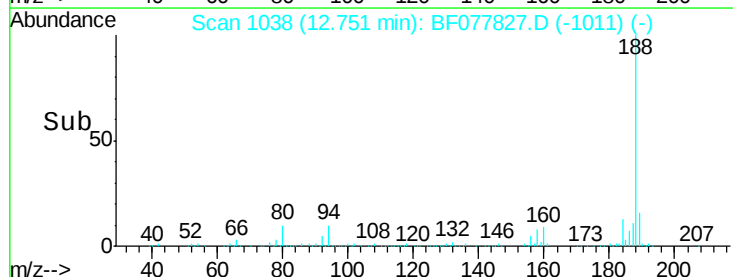
80 10.3 9.3 13.9

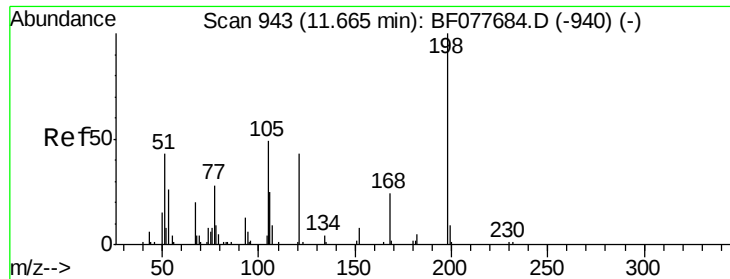


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

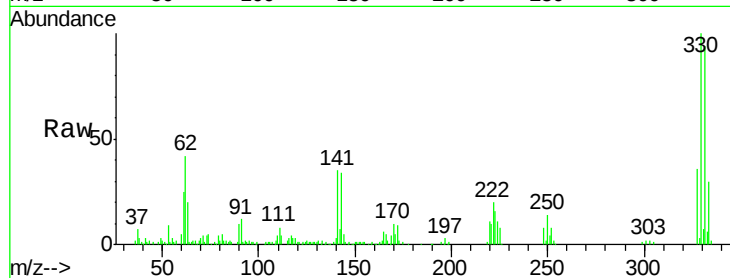




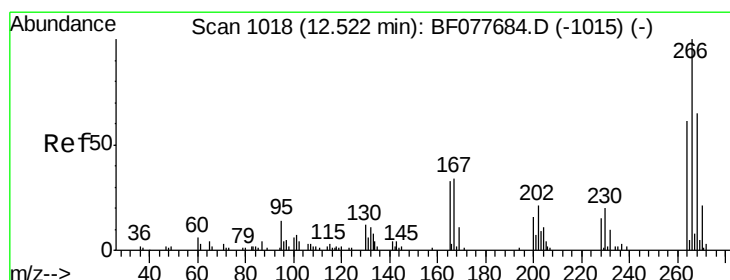
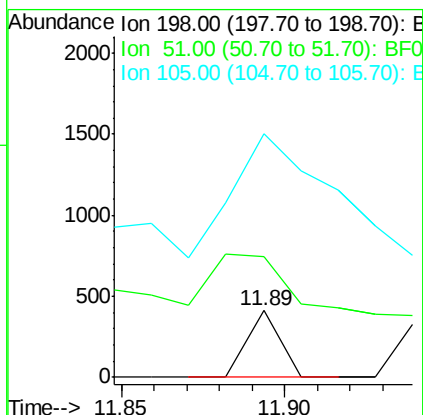
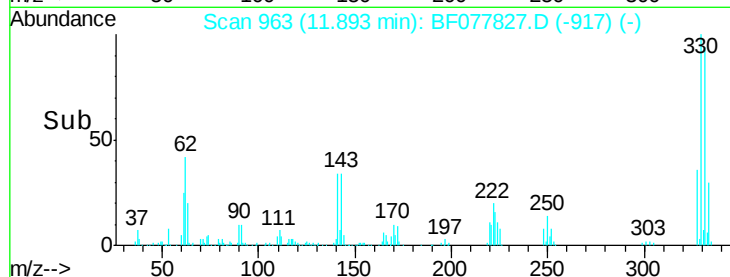
#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.64 ng
 RT: 11.89 min Scan# 963
 Delta R.T. 0.23 min
 Lab File: BF077827.D
 Acq: 19 Mar 2015 8:04

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Tgt Ion:198 Resp: 283
 Ion Ratio Lower Upper
 198 100
 51 181.3 28.8 68.8#
 105 364.8 30.5 70.5#

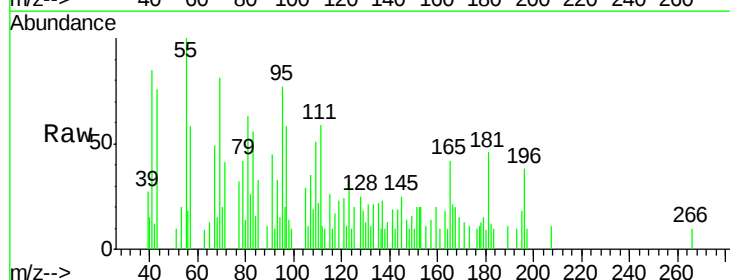


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

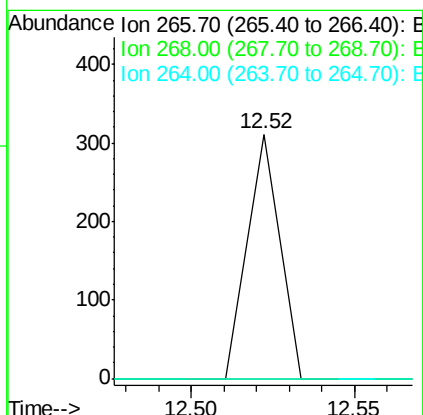
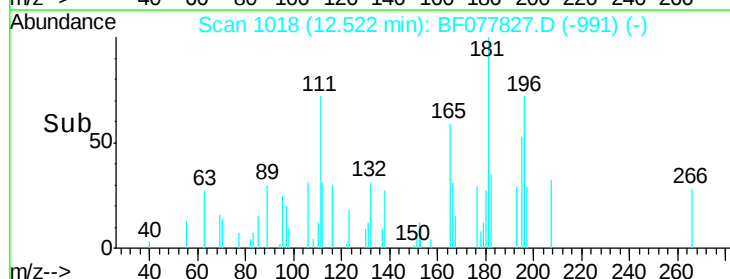


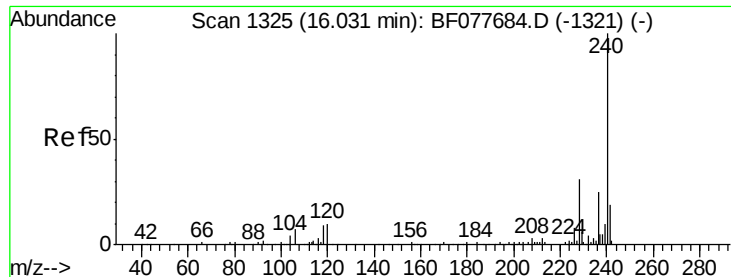
#69
 Pentachlorophenol
 Concen: 3.29 ng
 RT: 12.52 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BF077827.D
 Acq: 19 Mar 2015 8:04

Tgt Ion:266 Resp: 213
 Ion Ratio Lower Upper
 266 100
 268 0.0 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: 16.05 min Scan# 1327

Delta R.T. 0.02 min

Lab File: BF077827.D

Acq: 19 Mar 2015 8:04

Instrument :

BNA_F

ClientSampleId :

URSMW-11

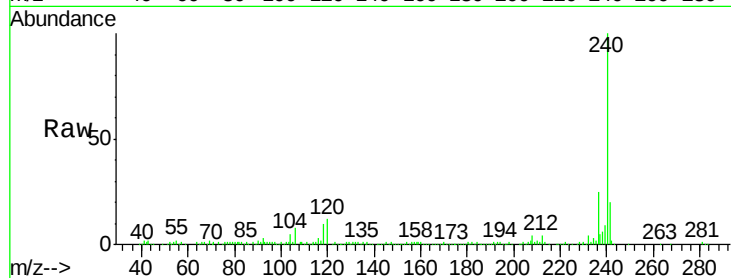
Tgt Ion:240 Resp: 172317

Ion Ratio Lower Upper

240 100

120 12.2 8.2 12.2

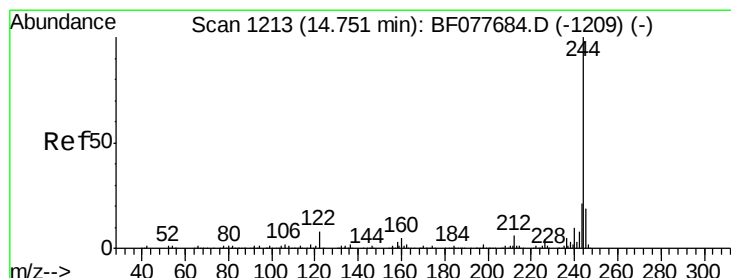
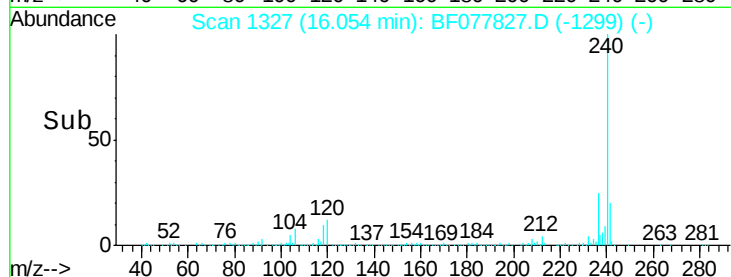
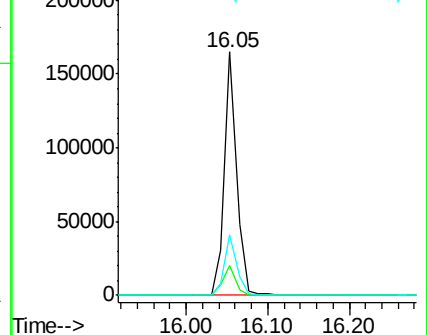
236 25.1 20.0 30.0



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: 82.35 ng

RT: 14.75 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF077827.D

Acq: 19 Mar 2015 8:04

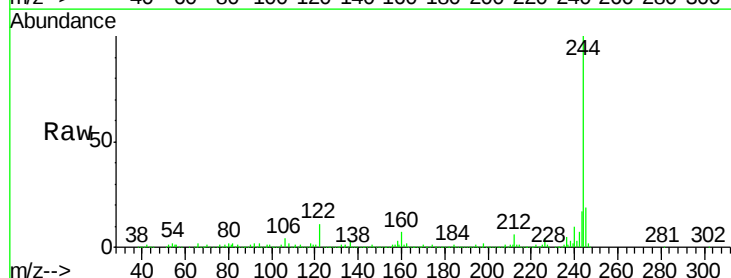
Tgt Ion:244 Resp: 580949

Ion Ratio Lower Upper

244 100

212 6.4 4.9 7.3

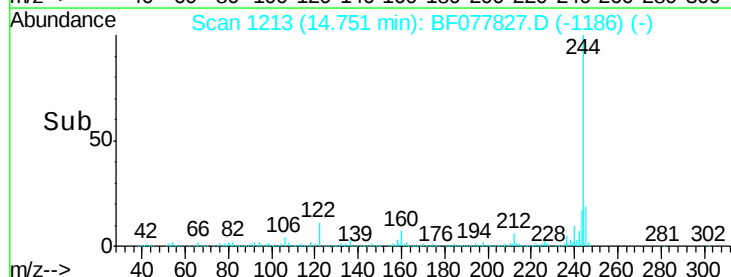
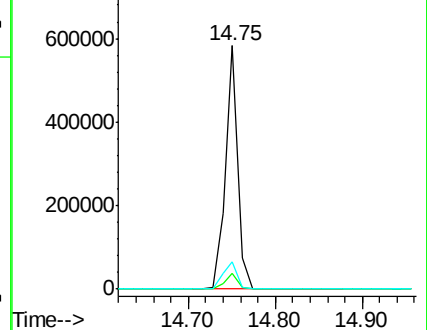
122 11.0 6.2 9.4#

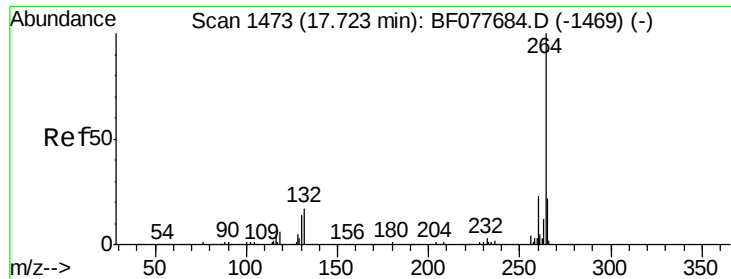


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.88 min Scan# 1487
Delta R.T. 0.14 min
Lab File: BF077827.D
Acq: 19 Mar 2015 8:04

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion: 264 Resp: 174012
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.5 17.3 25.9

