

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086788.D
 Acq On : 7 May 2016 22:00
 Operator : UM/SJ
 Sample : H2879-02
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-13

Quant Time: May 08 03:53:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

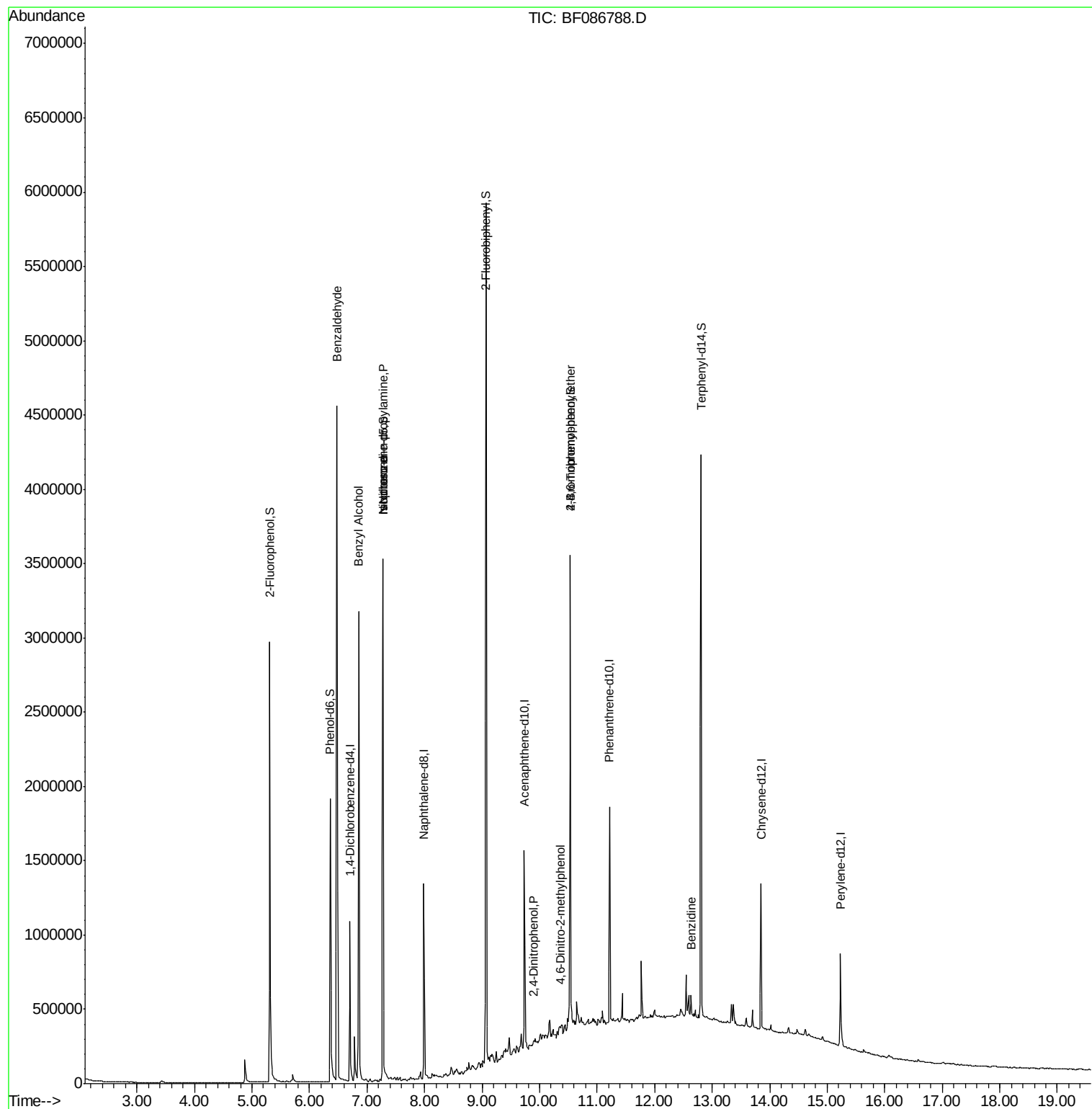
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	177134	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	683674	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	297770	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	511348	40.00	ng	0.00
75) Chrysene-d12	13.85	240	346354	40.00	ng	0.00
86) Perylene-d12	15.23	264	291167	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	770071	71.97	ng	0.01
7) Phenol-d6	6.36	99	651801	45.22	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1214715	91.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	437488	150.19	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1893158	104.22	ng	0.00
78) Terphenyl-d14	12.81	244	1318998	76.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	31795	4.42	ng	# 72
15) Benzyl Alcohol	6.85	79	22012	2.36	ng	# 45
19) n-Nitroso-di-n-propylamine	7.28	70	179789	18.26	ng	# 72
25) Isophorone	7.28	82	874250	35.29	ng	# 68
53) 2,4-Dinitrophenol	9.89	184	243	9.03	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.36	198	286	5.34	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	27441	5.40	ng	# 1
76) Benzidine	12.64	184	767	7.16	ng	# 1

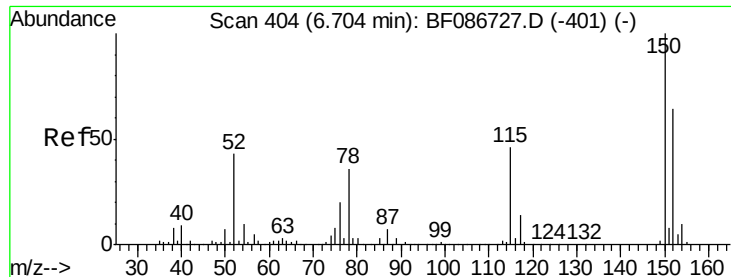
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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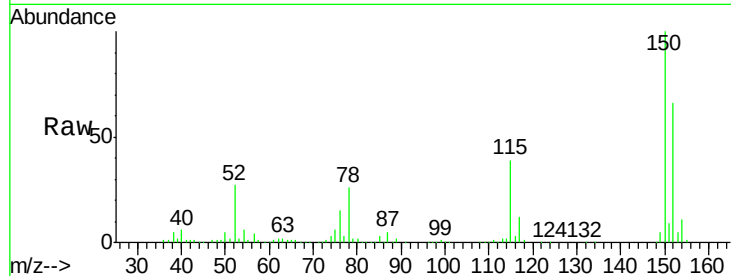


#1

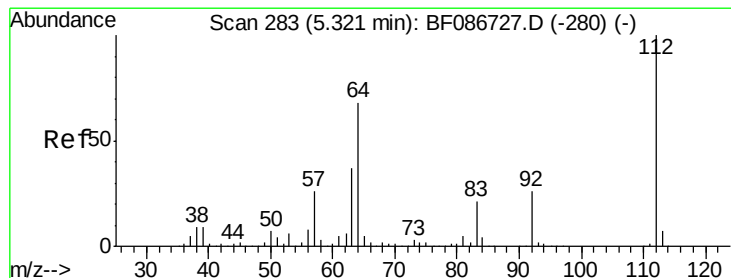
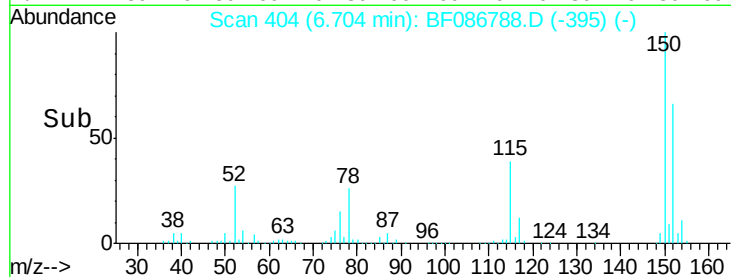
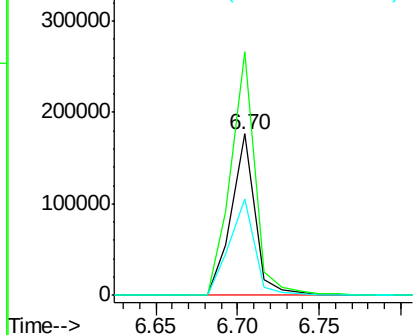
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086788.D
Acq: 7 May 2016 22:00

Instrument :
BNA_F
ClientSampleId :
URSMW-13

Tgt Ion:152 Resp: 177134
Ion Ratio Lower Upper
152 100
150 151.1 125.8 188.6
115 59.6 51.5 77.3



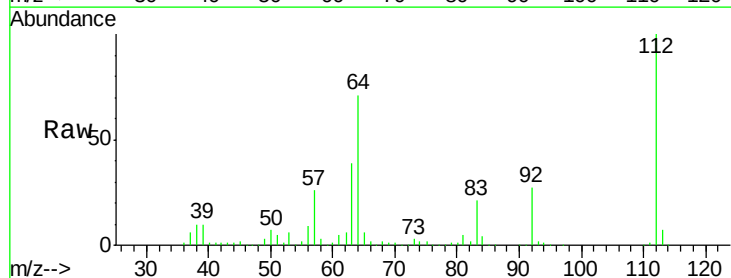
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



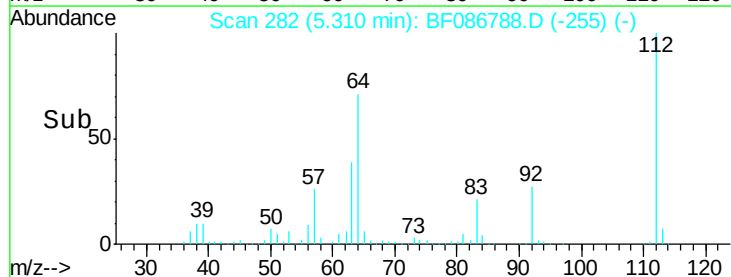
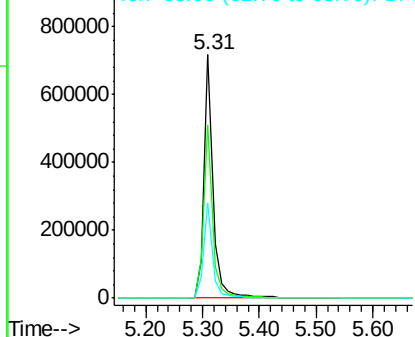
#5

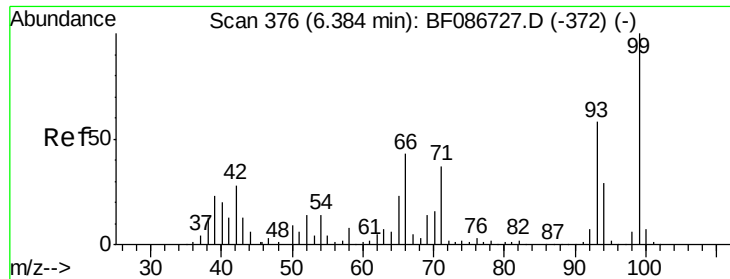
2-Fluorophenol
Concen: 71.97 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF086788.D
Acq: 7 May 2016 22:00

Tgt Ion:112 Resp: 770071
Ion Ratio Lower Upper
112 100
64 71.4 52.1 78.1
63 39.0 25.7 38.5#



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: 45.22 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

Instrument :

BNA_F

ClientSampleId :

URSMW-13

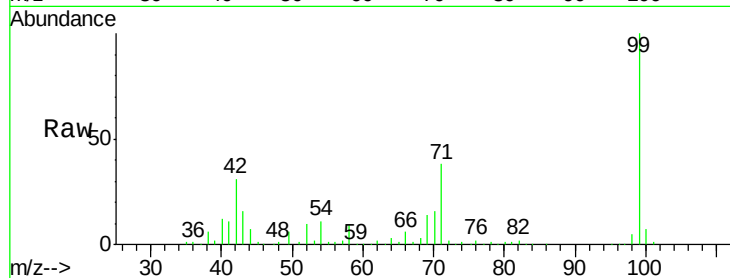
Tgt Ion: 99 Resp: 651801

Ion Ratio Lower Upper

99 100

42 30.5 13.6 20.4#

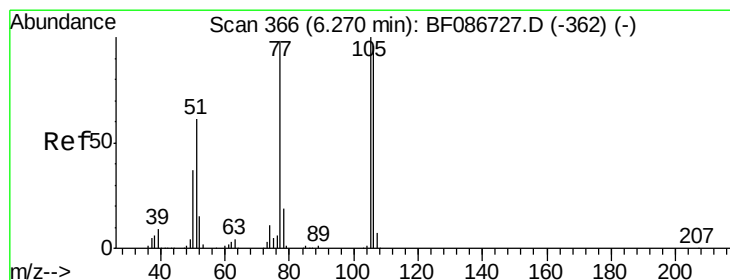
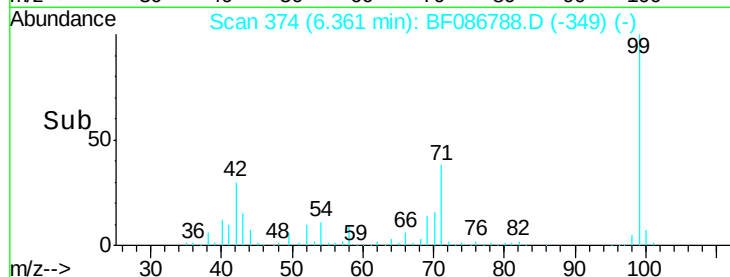
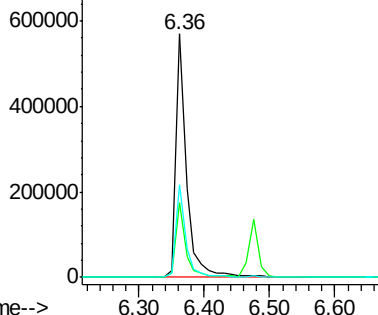
71 37.9 24.6 36.8#



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



#9

Benzaldehyde

Concen: 4.42 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

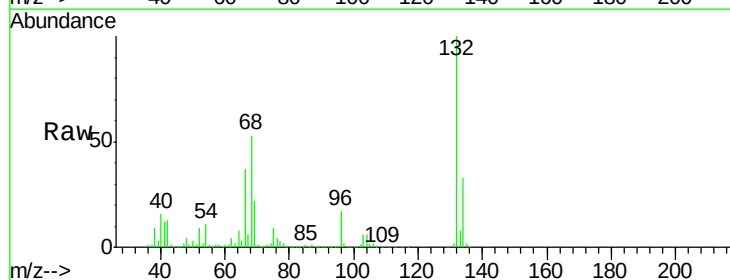
Tgt Ion: 77 Resp: 31795

Ion Ratio Lower Upper

77 100

105 69.9 72.7 112.7#

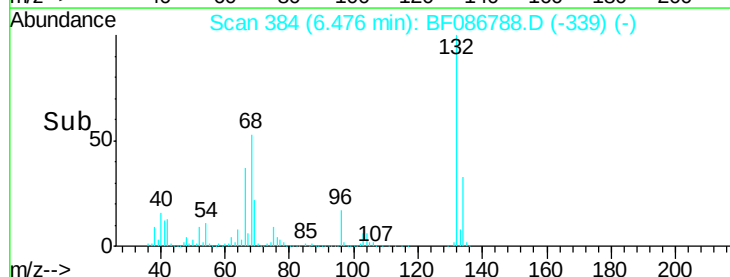
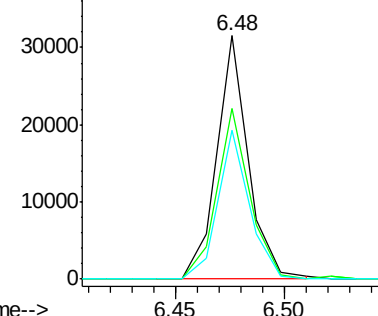
106 61.0 70.8 110.8#

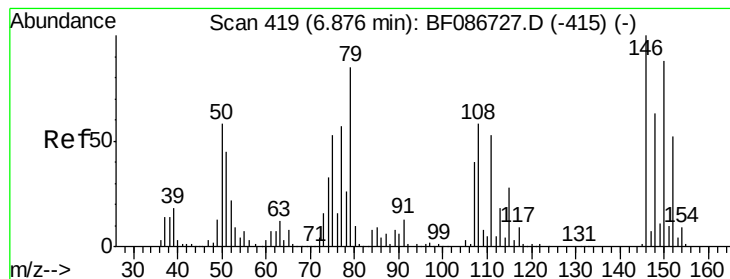


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.36 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

Instrument :

BNA_F

ClientSampled :

URSMW-13

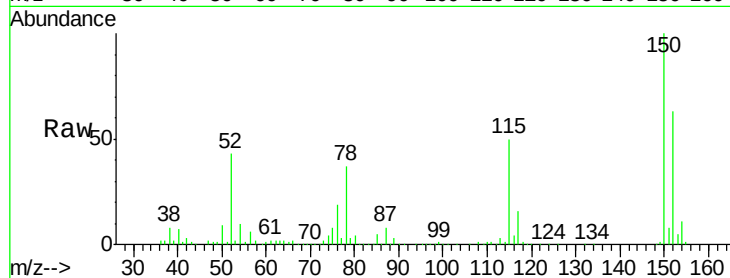
Tgt Ion: 79 Resp: 22012

Ion Ratio Lower Upper

79 100

108 29.9 68.4 102.6#

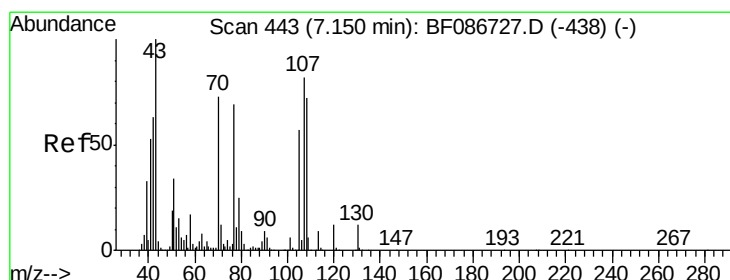
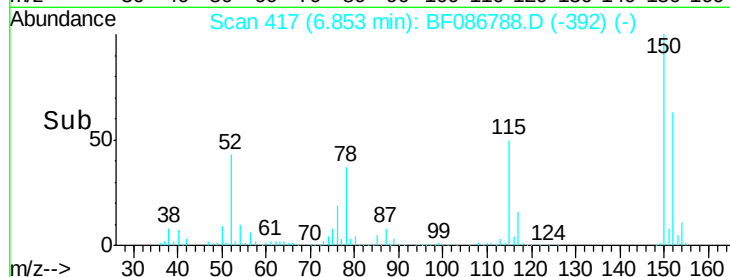
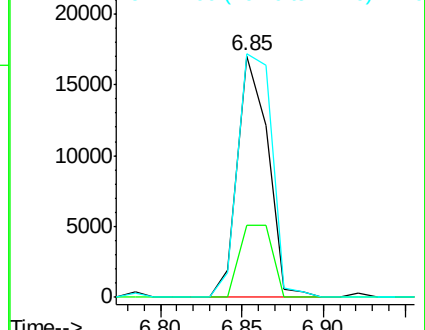
77 100.9 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.26 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

Tgt Ion: 70 Resp: 179789

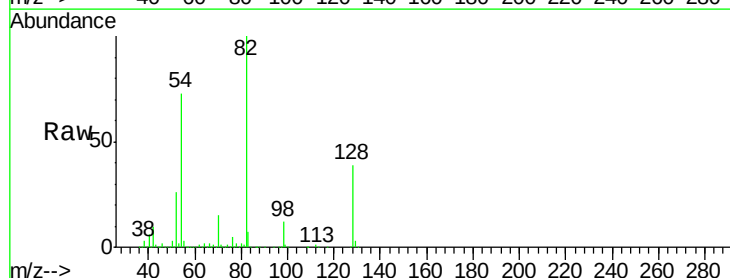
Ion Ratio Lower Upper

70 100

42 69.1 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

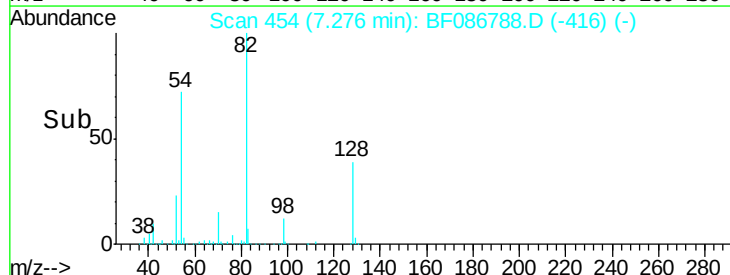
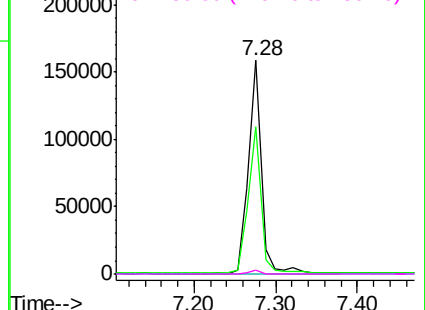


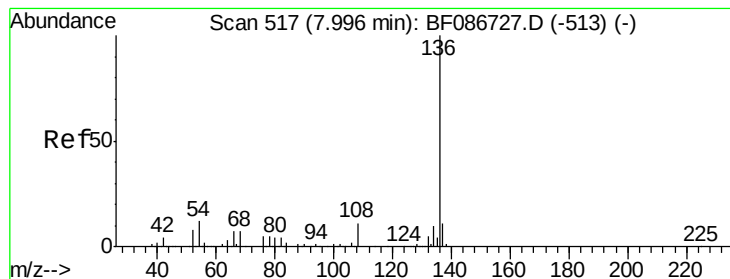
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

Instrument :

BNA_F

ClientSampleId :

URSMW-13

Tgt Ion:136 Resp: 683674

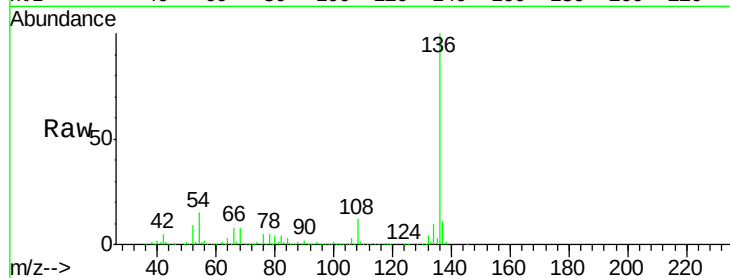
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 14.7 5.0 7.4#

68 7.9 4.4 6.6#

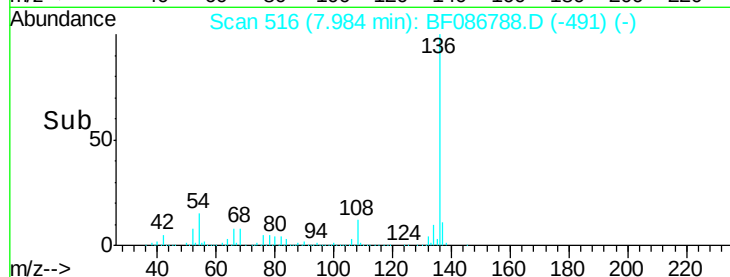


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

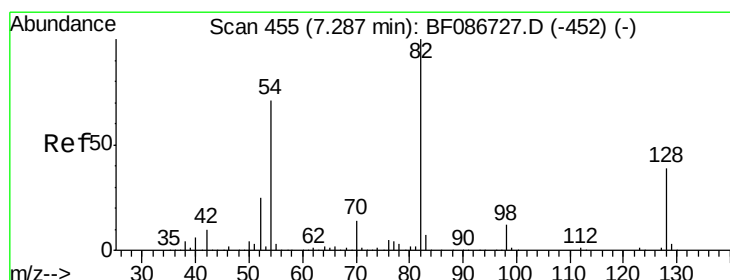
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.98



#23

Nitrobenzene-d5

Concen: 91.30 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

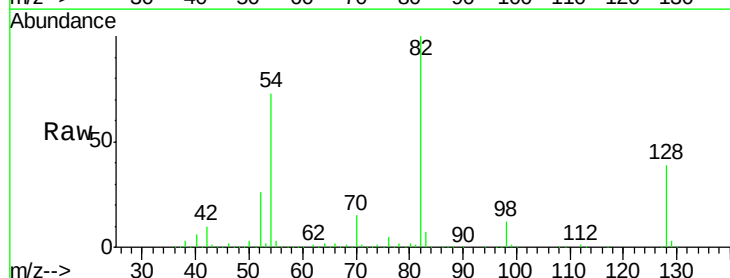
Tgt Ion: 82 Resp: 1214715

Ion Ratio Lower Upper

82 100

128 39.3 40.6 61.0#

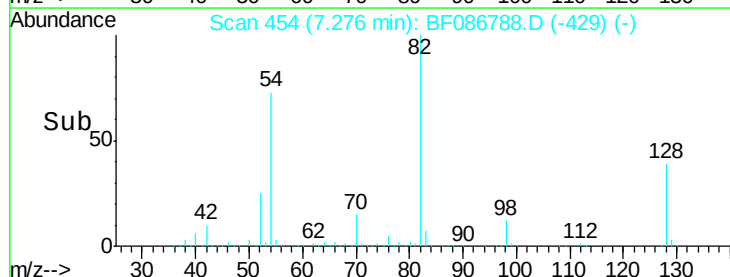
54 72.9 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

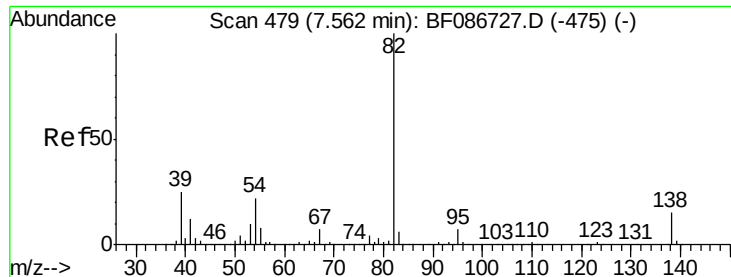
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

7.28



#25

Isophorone

Concen: 35.29 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.27 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

Instrument :

BNA_F

ClientSampleId :

URSMW-13

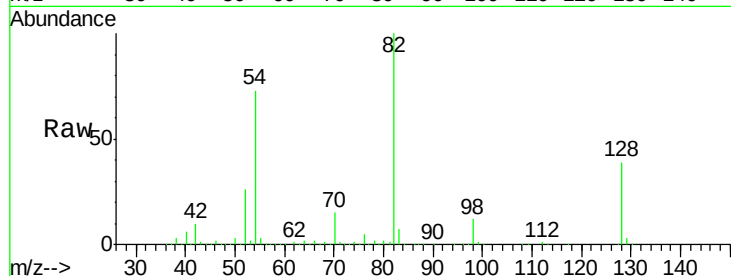
Tgt Ion: 82 Resp: 874250

Ion Ratio Lower Upper

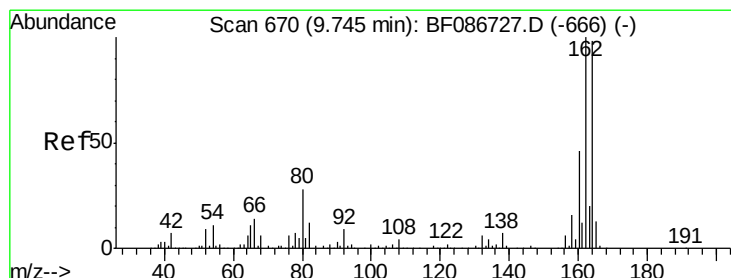
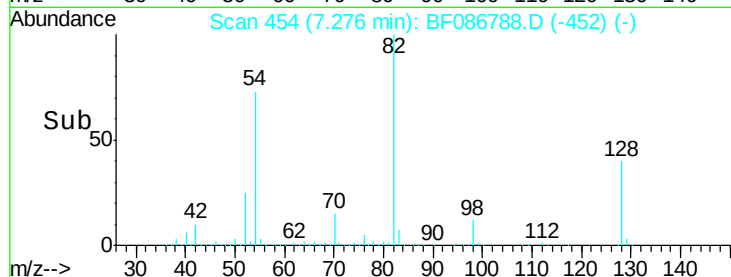
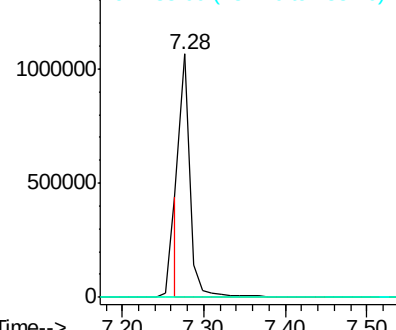
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

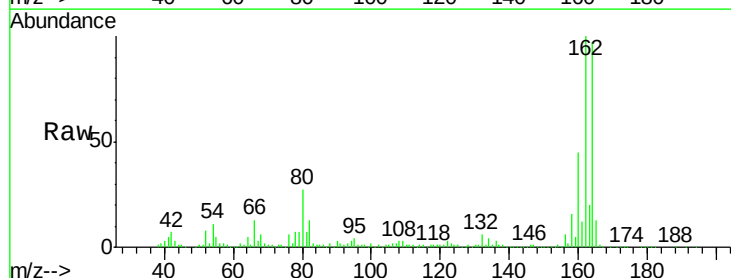
Tgt Ion: 164 Resp: 297770

Ion Ratio Lower Upper

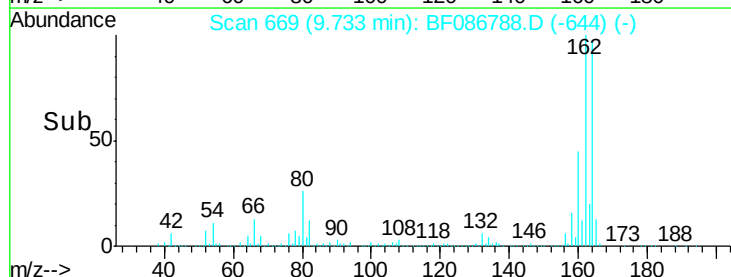
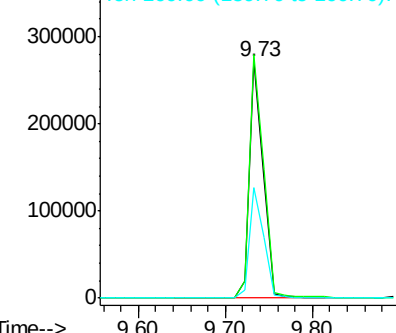
164 100

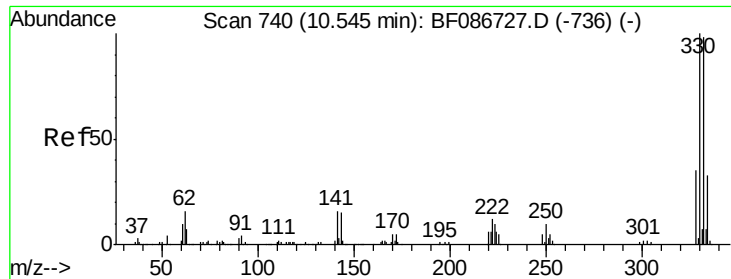
162 102.7 82.8 124.2

160 46.6 36.9 55.3



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

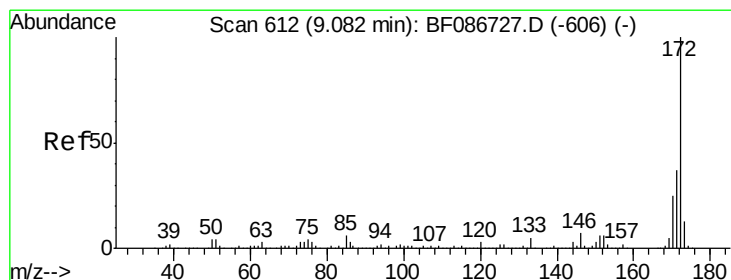
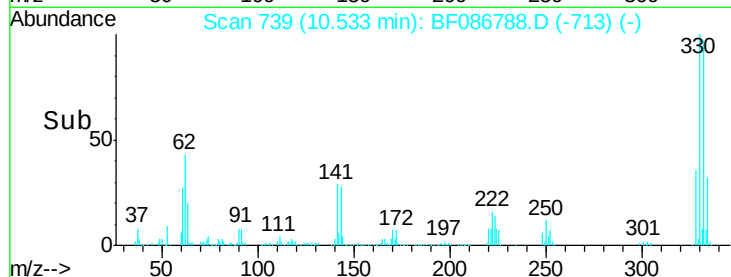
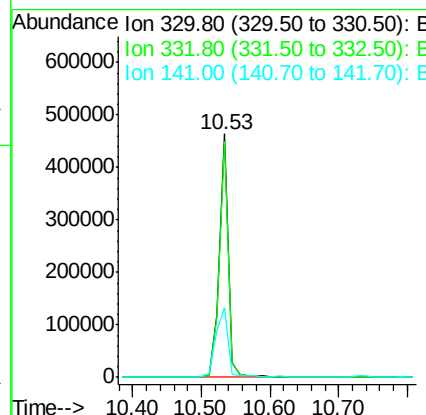
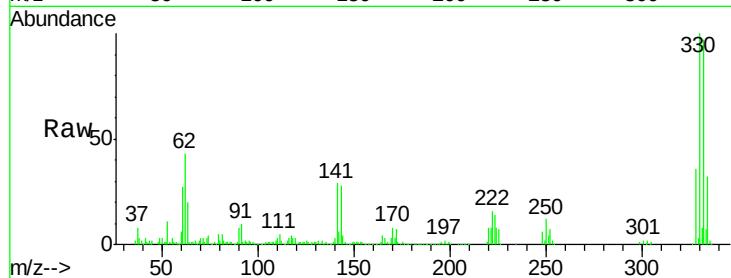




#41
 2,4,6-Tribromophenol
 Concen: 150.19 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086788.D
 Acq: 7 May 2016 22:00

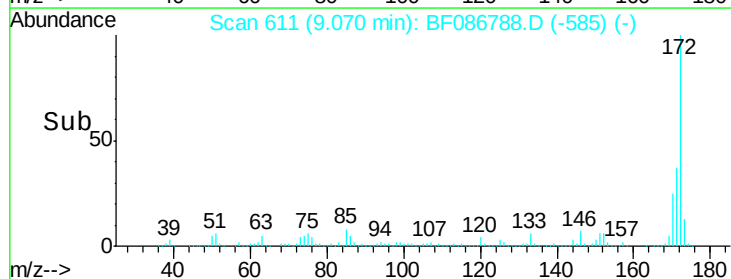
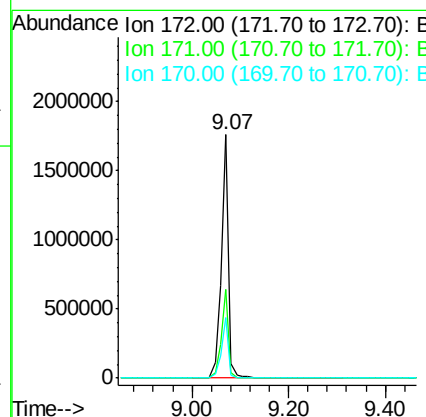
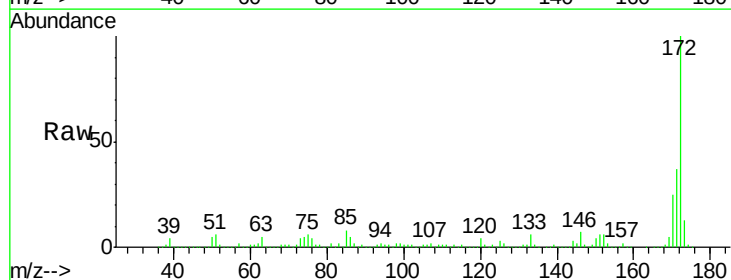
Instrument :
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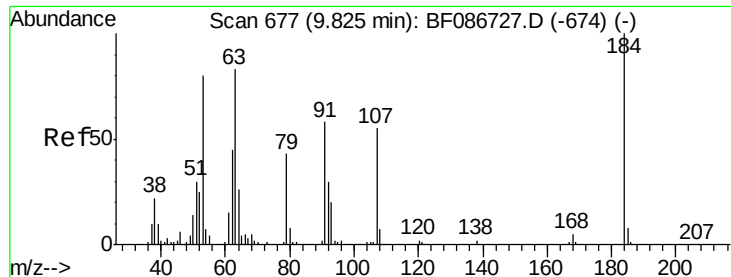
Tgt Ion:330 Resp: 437488
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 37.8 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 104.22 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086788.D
 Acq: 7 May 2016 22:00

Tgt Ion:172 Resp: 1893158
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 25.1 19.8 29.8

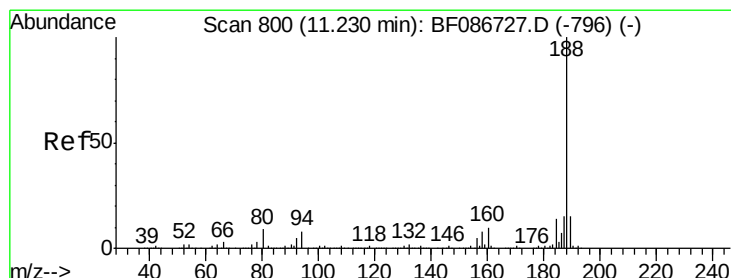
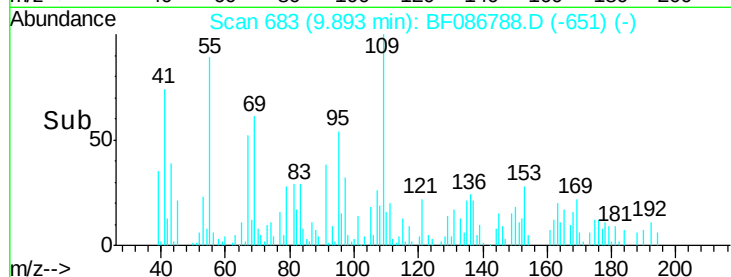
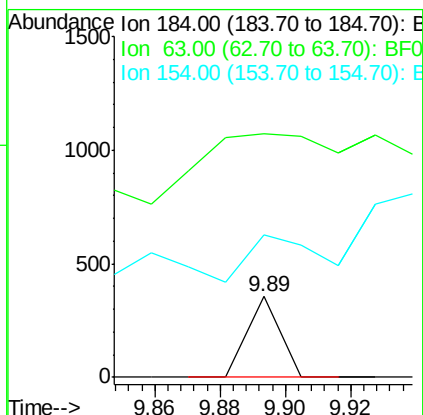
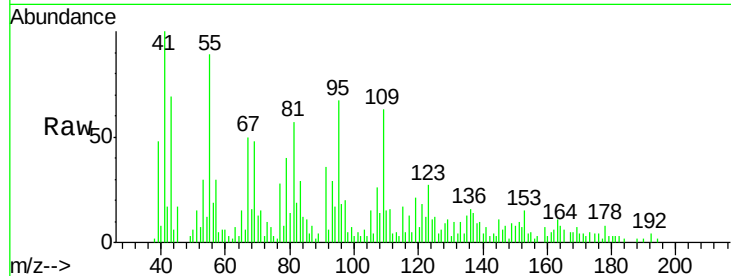




#53
2,4-Dinitrophenol
Concen: 9.03 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.07 min
Lab File: BF086788.D
Acq: 7 May 2016 22:00

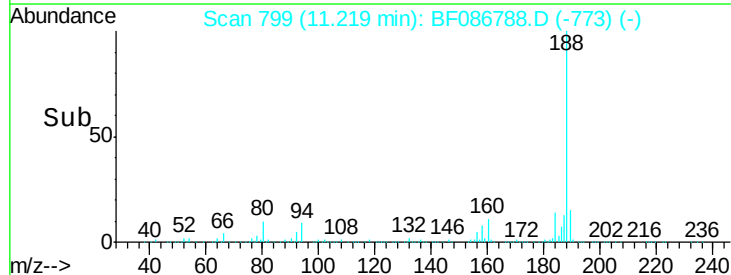
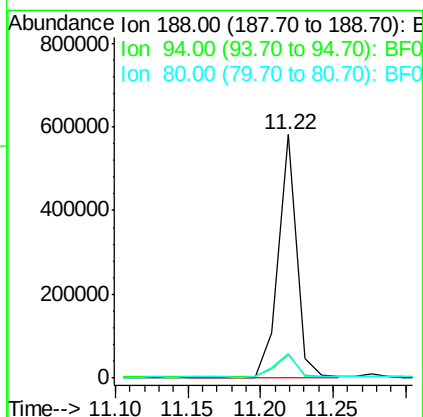
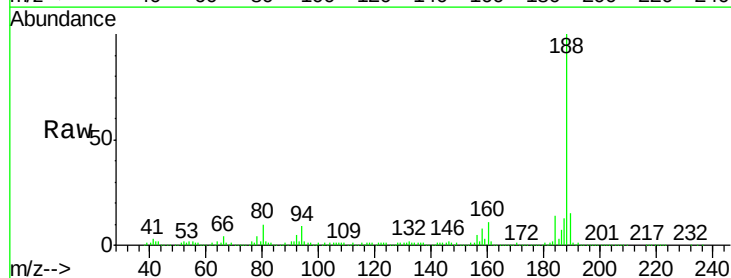
Instrument :
BNA_F
ClientSampleId :
URSMW-13

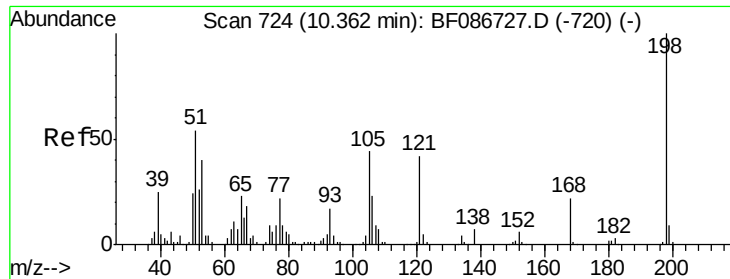
Tgt Ion:184 Resp: 243
Ion Ratio Lower Upper
184 100
63 302.0 55.8 83.8#
154 176.3 62.4 93.6#



#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF086788.D
Acq: 7 May 2016 22:00

Tgt Ion:188 Resp: 511348
Ion Ratio Lower Upper
188 100
94 9.4 6.8 10.2
80 10.1 7.1 10.7





#64

4,6-Dinitro-2-methylphenol

Concen: 5.34 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

Instrument :

BNA_F

ClientSampleId :

URSMW-13

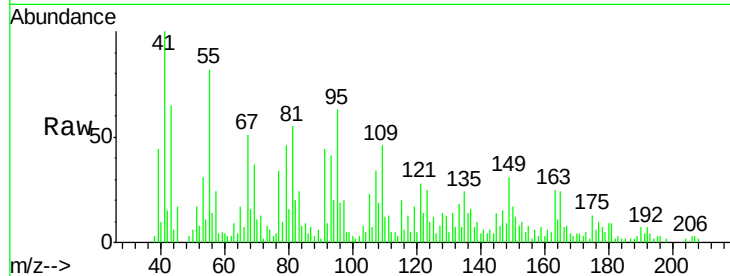
Tgt Ion:198 Resp: 286

Ion Ratio Lower Upper

198 100

51 726.6 20.5 60.5#

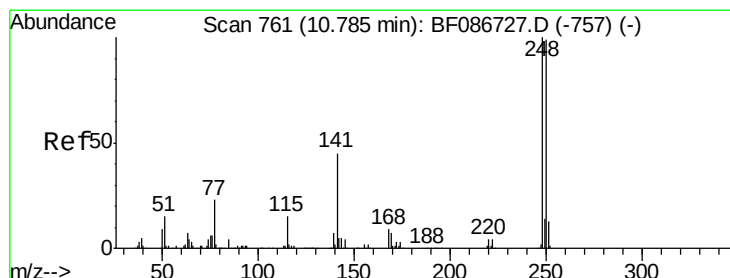
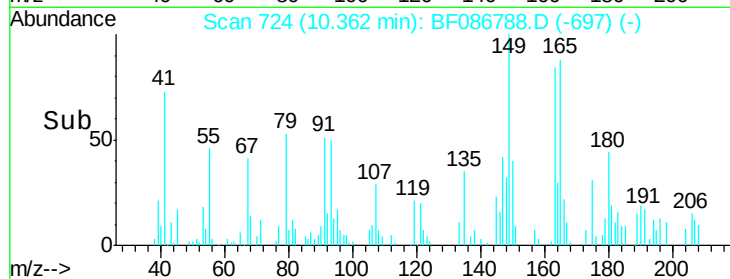
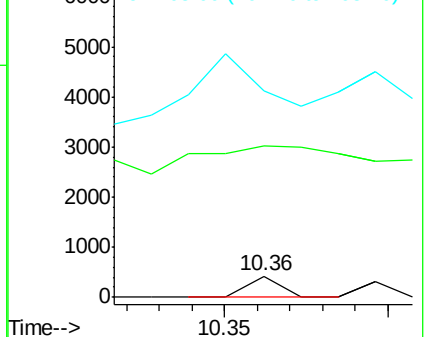
105 986.8 24.5 64.5#



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



#66

4-Bromophenyl-phenylether

Concen: 5.40 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.24 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

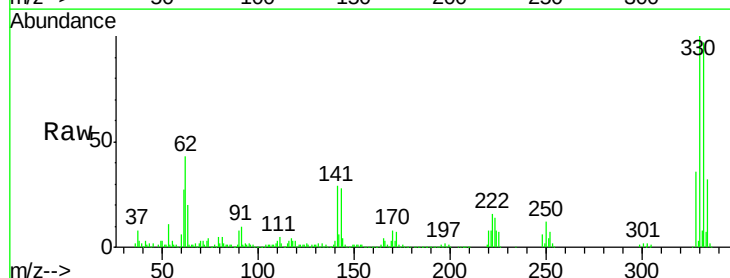
Tgt Ion:248 Resp: 27441

Ion Ratio Lower Upper

248 100

250 195.8 78.6 117.8#

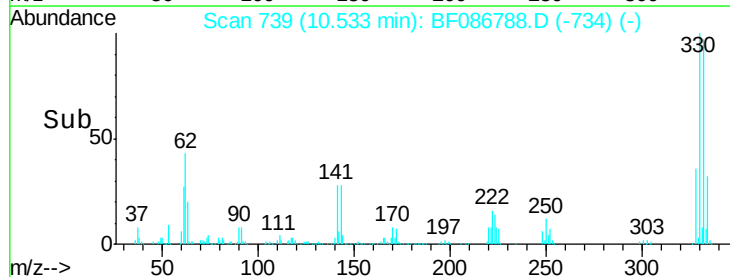
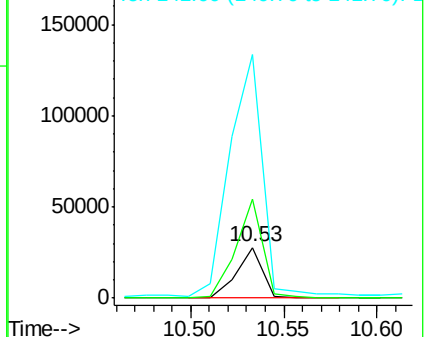
141 480.9 76.0 114.0#

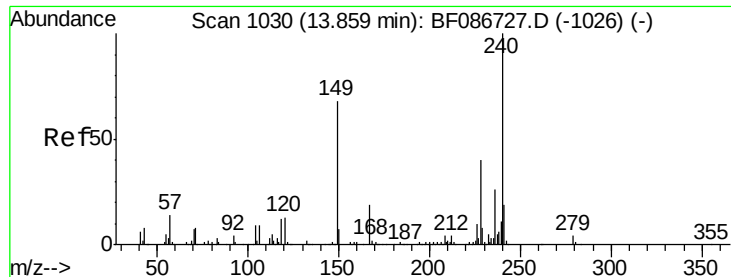


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

Instrument :

BNA_F

ClientSampleId :

URSMW-13

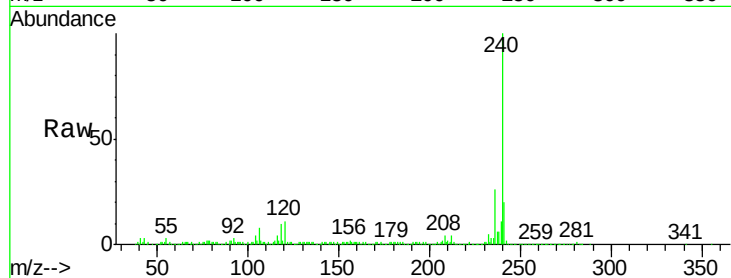
Tgt Ion:240 Resp: 346354

Ion Ratio Lower Upper

240 100

120 11.4 11.2 16.8

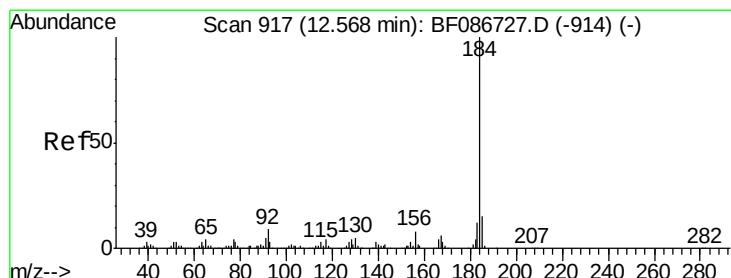
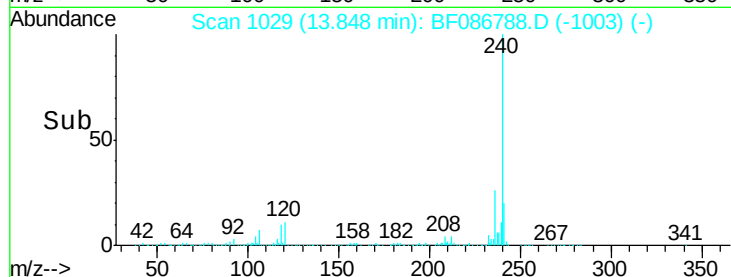
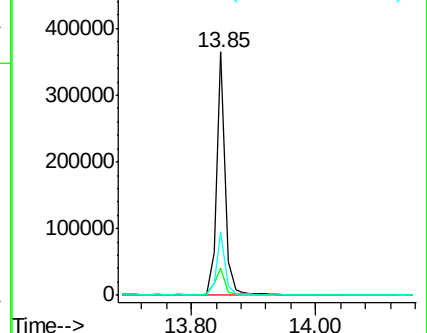
236 26.0 21.2 31.8



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



#76

Benzidine

Concen: 7.16 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.08 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

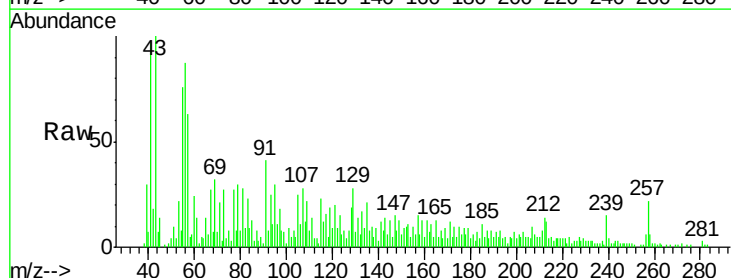
Tgt Ion:184 Resp: 767

Ion Ratio Lower Upper

184 100

185 258.8 13.6 20.4#

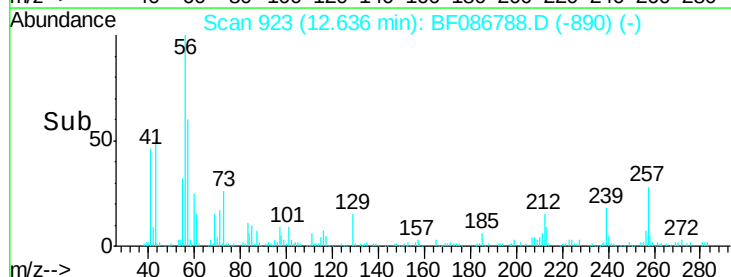
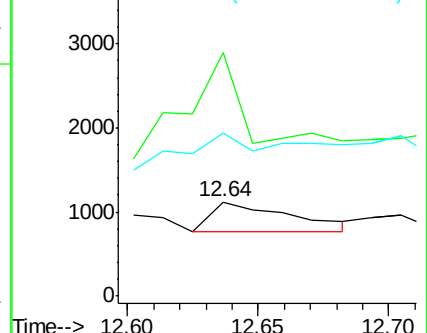
183 173.7 9.8 14.6#

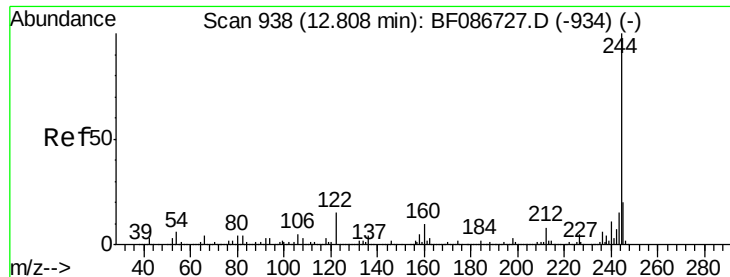


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 76.96 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

Instrument :

BNA_F

ClientSampleId :

URSMW-13

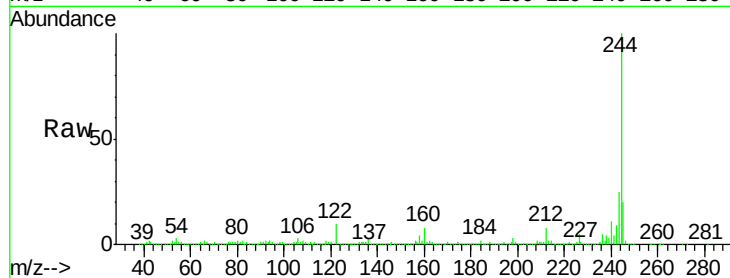
Tgt Ion:244 Resp: 1318998

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

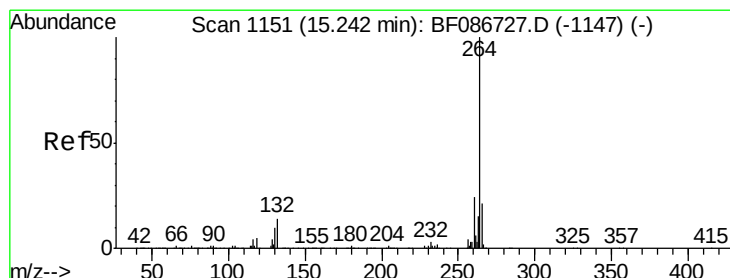
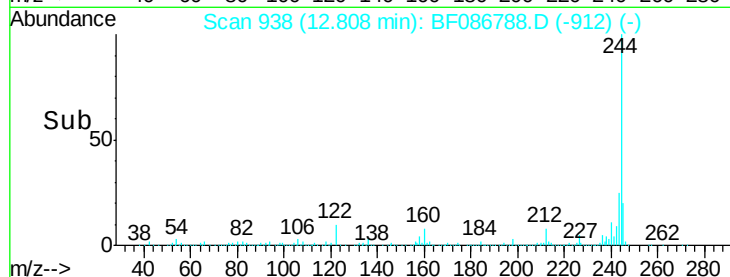
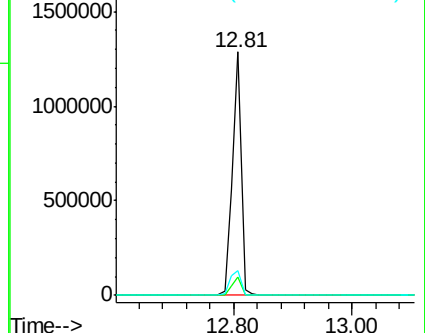
122 9.9 12.0 18.0#



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: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF086788.D

Acq: 7 May 2016 22:00

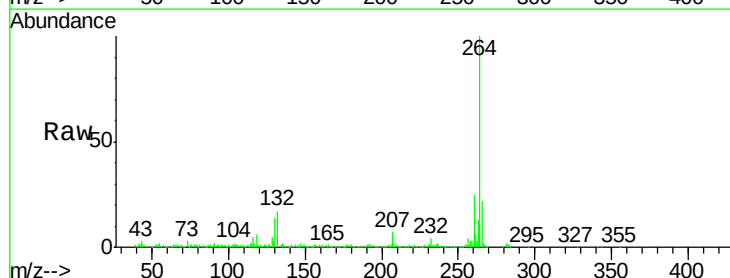
Tgt Ion:264 Resp: 291167

Ion Ratio Lower Upper

264 100

260 24.8 19.5 29.3

265 21.7 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

