

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086789.D
 Acq On : 7 May 2016 22:30
 Operator : UM/SJ
 Sample : H2879-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

Quant Time: May 08 03:55:52 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	168156	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	676210	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	320078	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	566848	40.00	ng	0.00
75) Chrysene-d12	13.85	240	393483	40.00	ng	0.00
86) Perylene-d12	15.22	264	300404	40.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	731418	72.01	ng	0.01
7) Phenol-d6	6.36	99	638498	46.66	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1211915	92.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	467679	149.37	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1910363	97.84	ng	0.00
78) Terphenyl-d14	12.81	244	1572134	80.75	ng	0.00

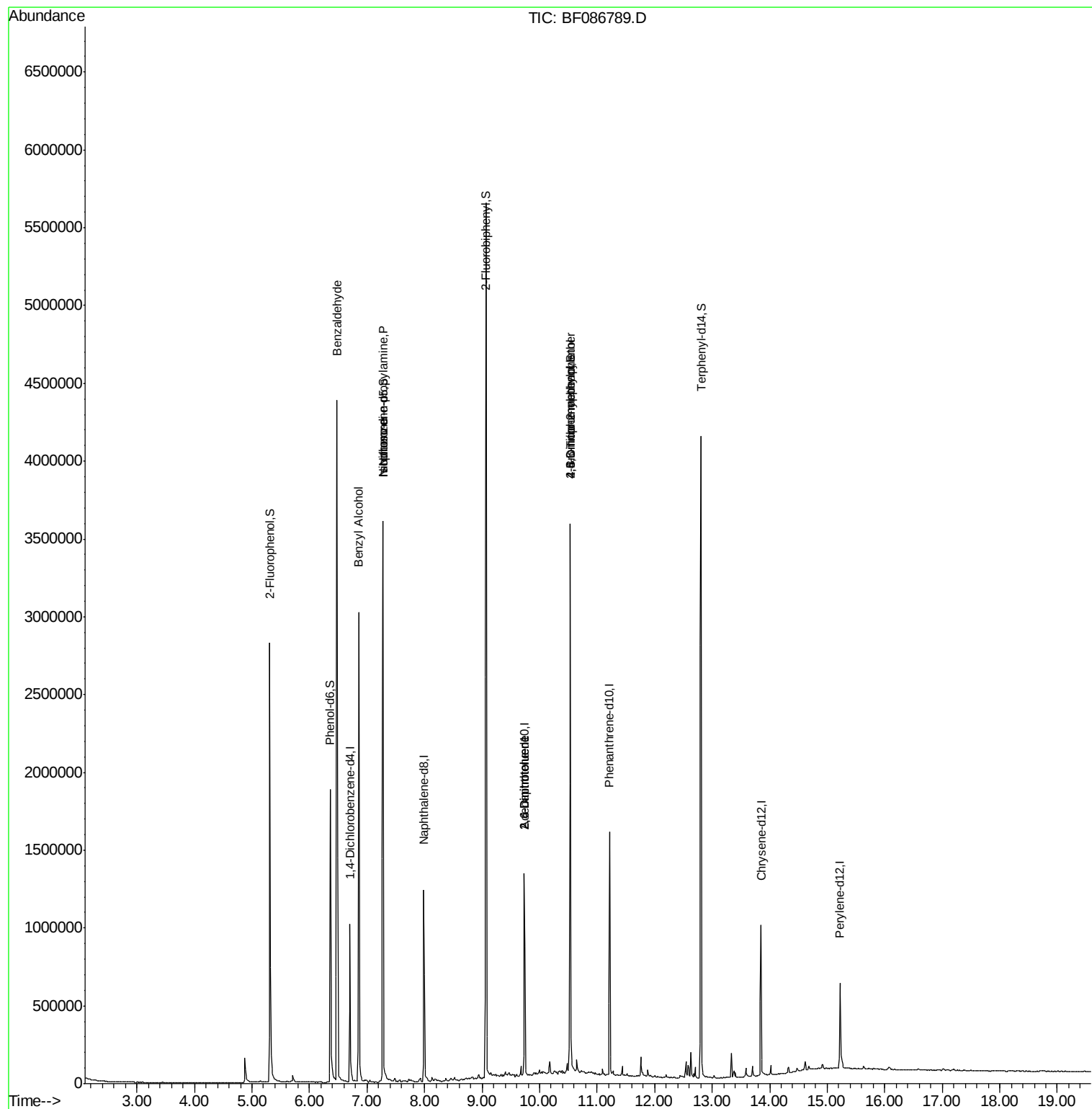
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	30765	4.51	ng	# 74
15) Benzyl Alcohol	6.85	79	20336	2.30	ng	# 43
19) n-Nitroso-di-n-propylamine	7.28	70	175567	18.78	ng	# 72
25) Isophorone	7.28	82	879766	35.90	ng	# 68
50) 2,6-Dinitrotoluene	9.73	165	40905	7.99	ng	# 21
56) 2,4-Dinitrotoluene	9.73	165	40908	6.45	ng	# 17
64) 4,6-Dinitro-2-methylphenol	10.53	198	1151	5.67	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	30059	5.34	ng	# 1

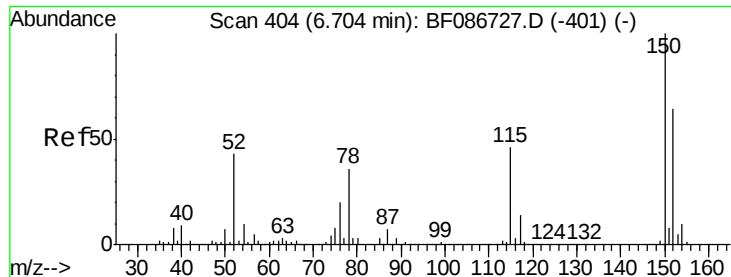
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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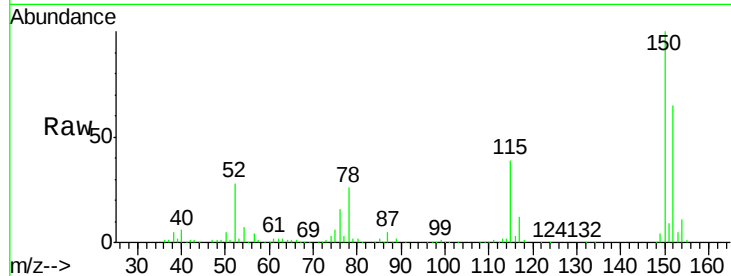


#1

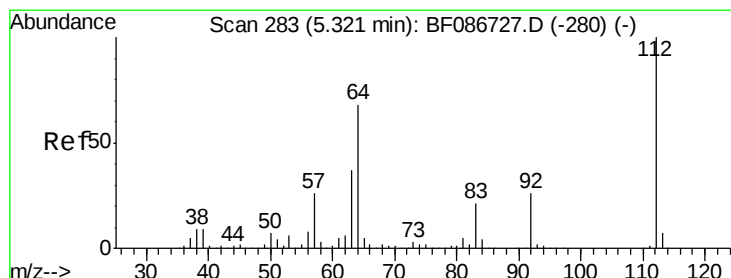
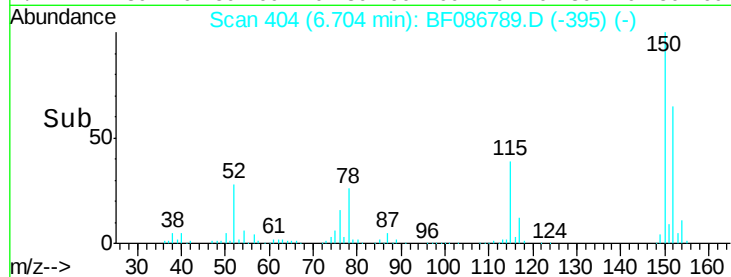
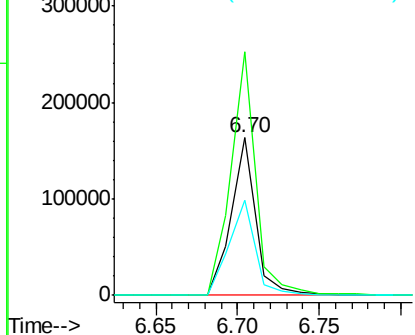
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086789.D
Acq: 7 May 2016 22:30

Instrument :
BNA_F
ClientSampleId :
URSMW-12

Tgt Ion:152 Resp: 168156
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 60.4 51.5 77.3



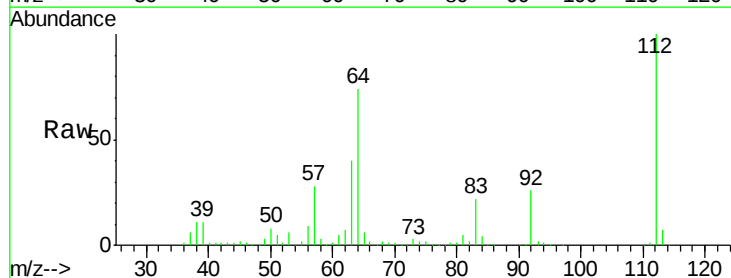
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



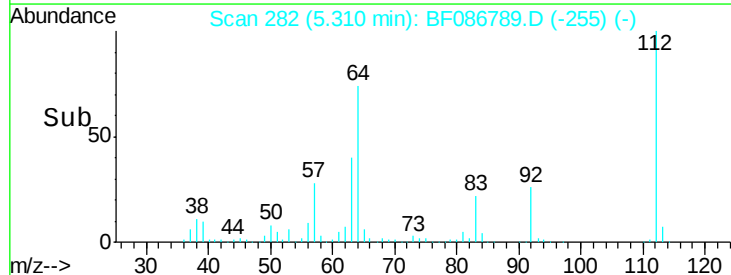
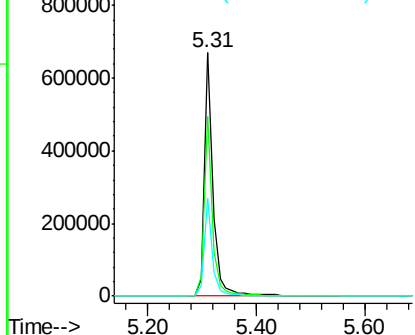
#5

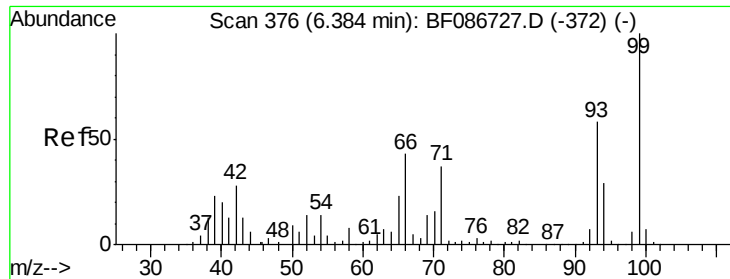
2-Fluorophenol
Concen: 72.01 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF086789.D
Acq: 7 May 2016 22:30

Tgt Ion:112 Resp: 731418
Ion Ratio Lower Upper
112 100
64 73.7 52.1 78.1
63 40.2 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: 46.66 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086789.D

Acq: 7 May 2016 22:30

Instrument :

BNA_F

ClientSampleId :

URSMW-12

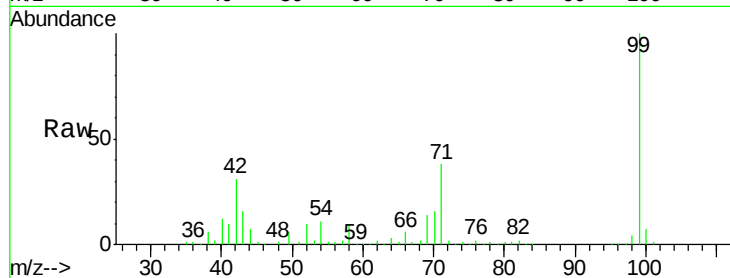
Tgt Ion: 99 Resp: 638498

Ion Ratio Lower Upper

99 100

42 31.0 13.6 20.4#

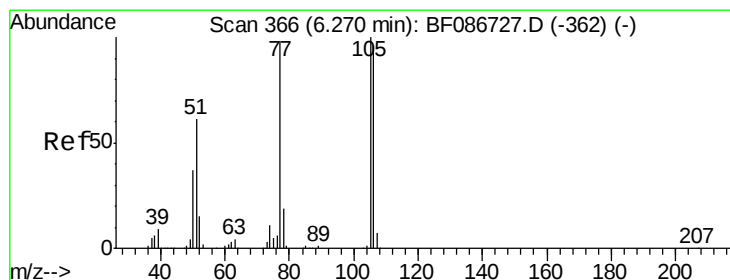
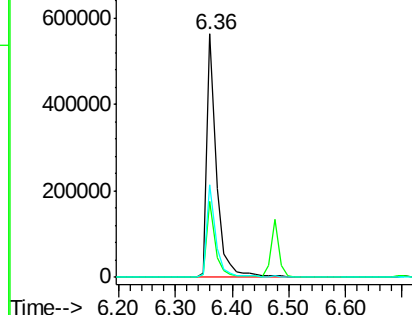
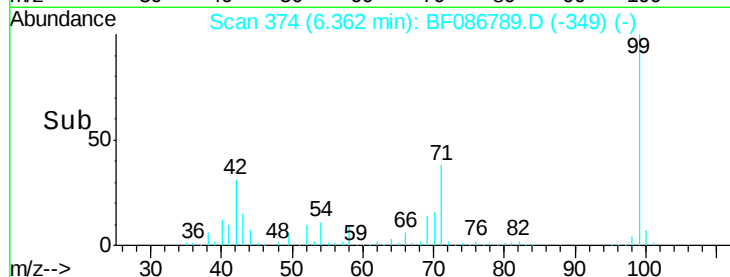
71 38.1 24.6 36.8#



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: 4.51 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF086789.D

Acq: 7 May 2016 22:30

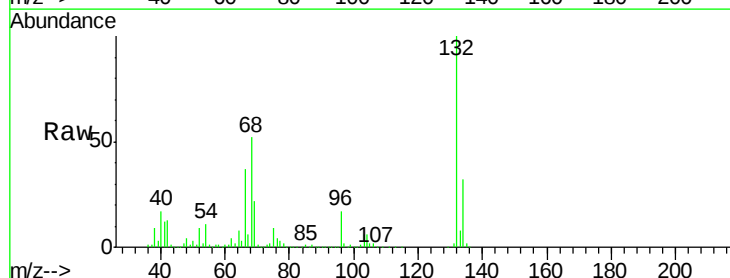
Tgt Ion: 77 Resp: 30765

Ion Ratio Lower Upper

77 100

105 72.6 72.7 112.7#

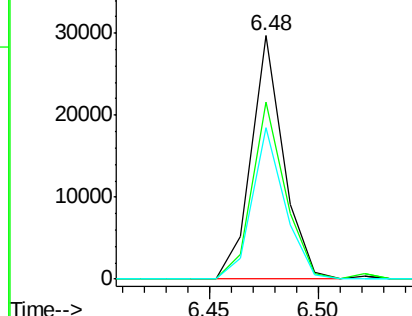
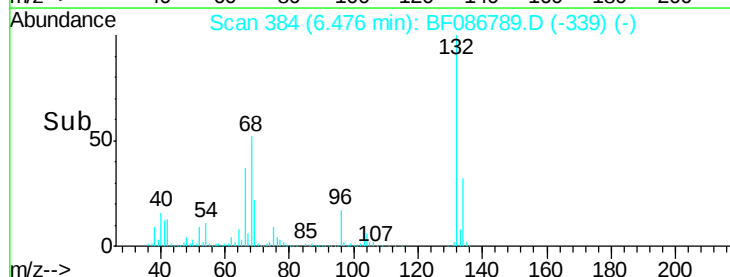
106 62.2 70.8 110.8#

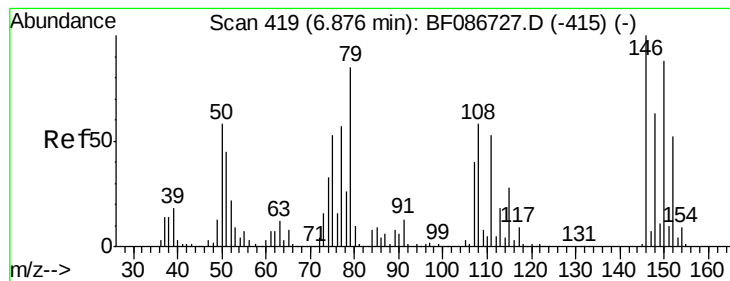


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086789.D

Acq: 7 May 2016 22:30

Instrument :

BNA_F

ClientSampleId :

URSMW-12

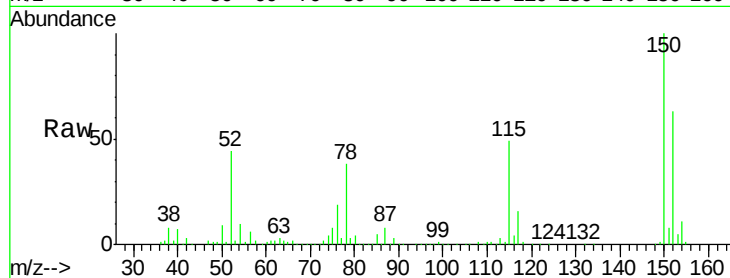
Tgt Ion: 79 Resp: 20336

Ion Ratio Lower Upper

79 100

108 30.0 68.4 102.6#

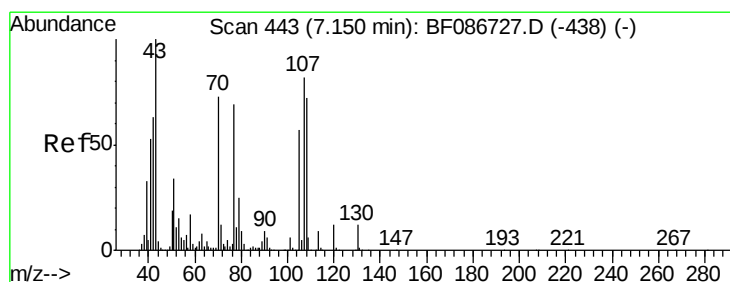
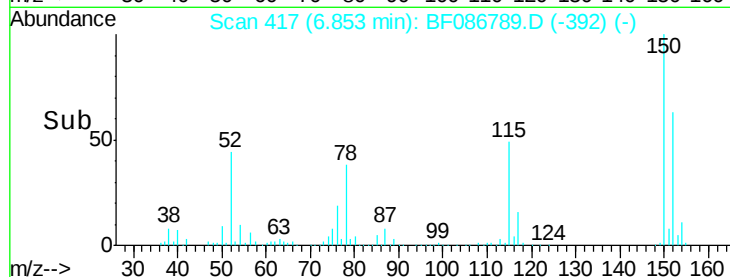
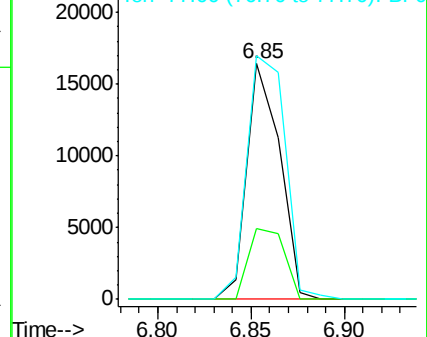
77 103.3 50.6 76.0#



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: 18.78 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF086789.D

Acq: 7 May 2016 22:30

Tgt Ion: 70 Resp: 175567

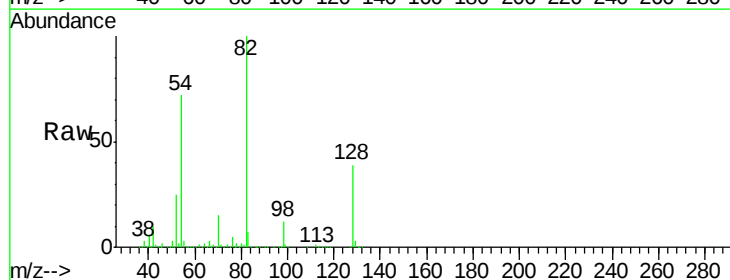
Ion Ratio Lower Upper

70 100

42 68.5 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

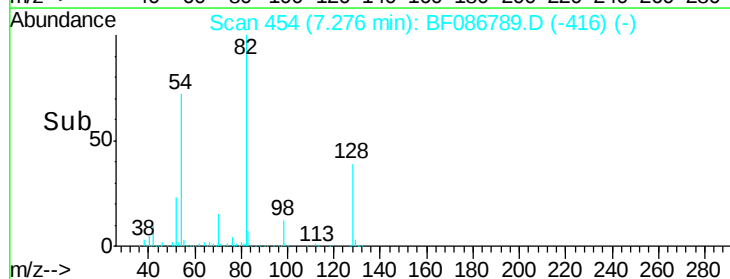
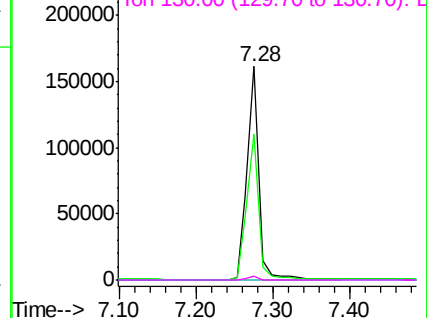


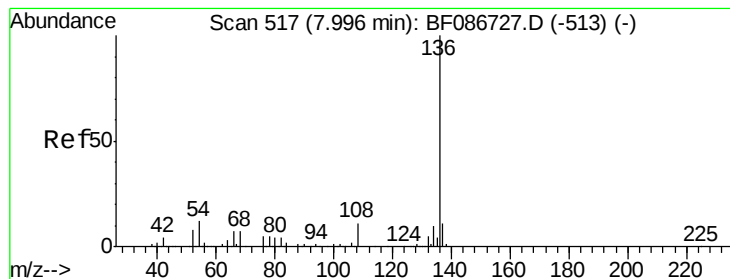
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF086789.D

Acq: 7 May 2016 22:30

Instrument :

BNA_F

ClientSampleId :

URSMW-12

Tgt Ion:136 Resp: 676210

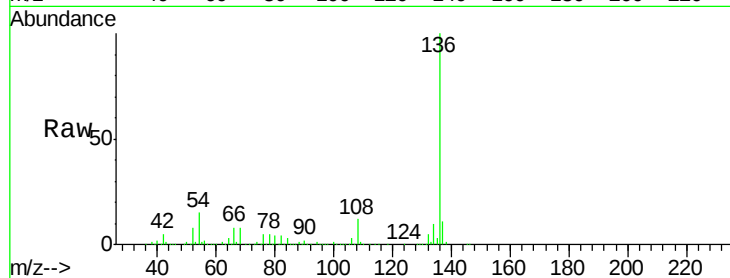
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.9 5.0 7.4#

68 8.0 4.4 6.6#

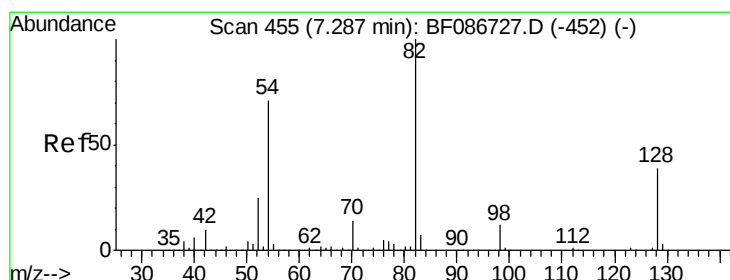
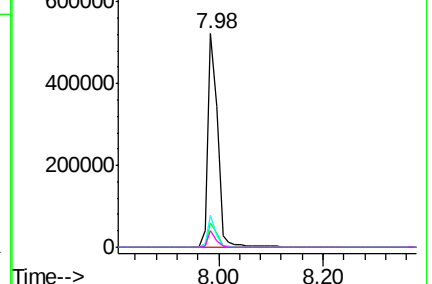
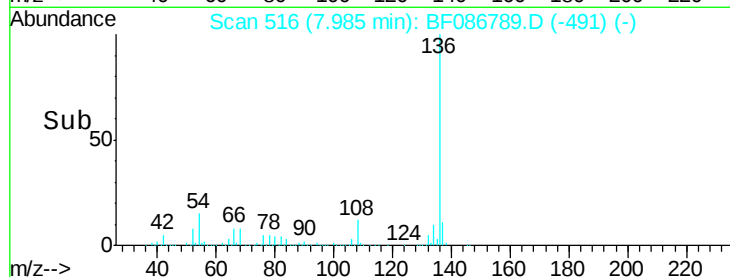


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 92.10 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086789.D

Acq: 7 May 2016 22:30

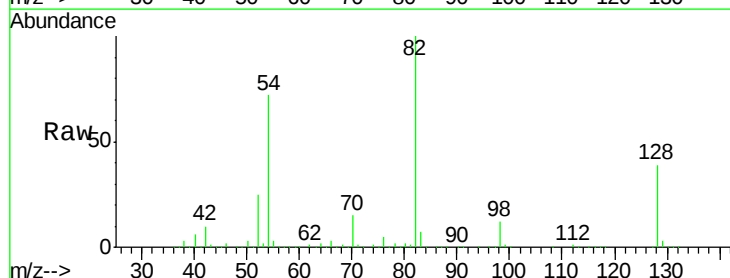
Tgt Ion: 82 Resp: 1211915

Ion Ratio Lower Upper

82 100

128 39.4 40.6 61.0#

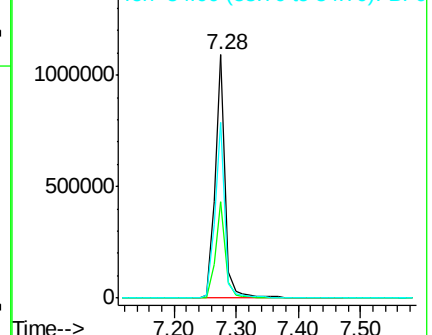
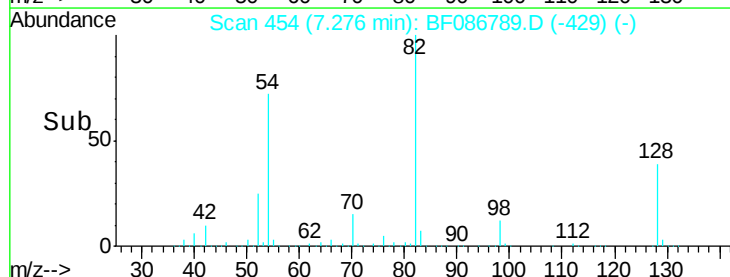
54 72.1 38.1 57.1#

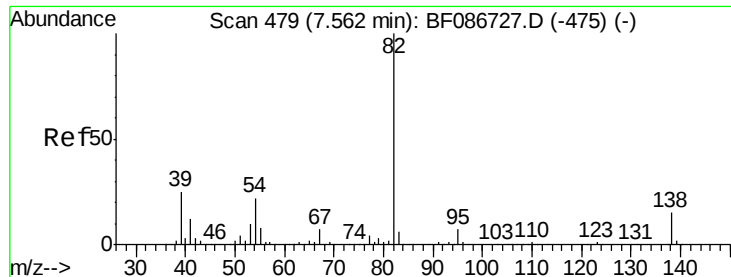


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.90 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.27 min

Lab File: BF086789.D

Acq: 7 May 2016 22:30

Instrument :

BNA_F

ClientSampleId :

URSMW-12

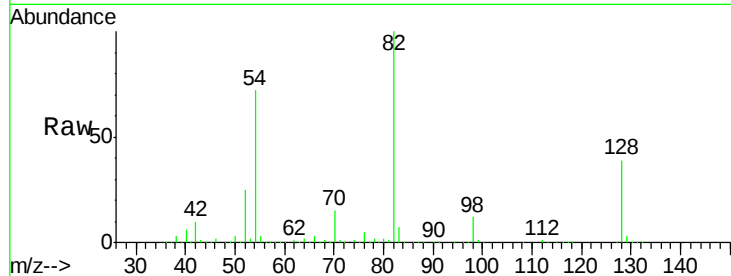
Tgt Ion: 82 Resp: 879766

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#

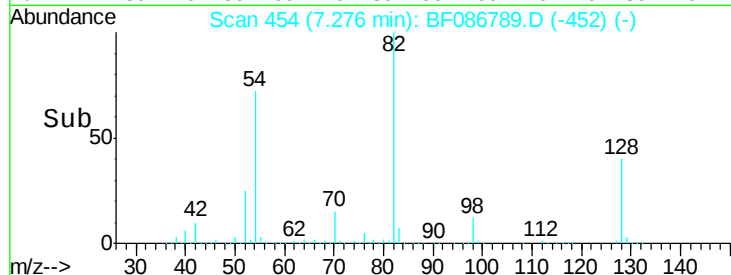


Abundance Ion 82.00 (81.70 to 82.70): BF086727.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BF086727.D (-475) (-)

Ion 138.00 (137.70 to 138.70): BF086727.D (-475) (-)

Time-->

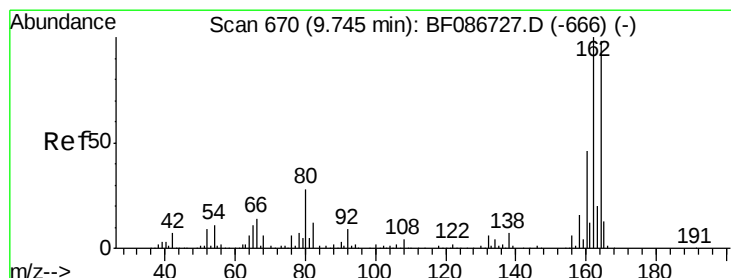


Abundance Ion 82.00 (81.70 to 82.70): BF086789.D (-452) (-)

Ion 95.00 (94.70 to 95.70): BF086789.D (-452) (-)

Ion 138.00 (137.70 to 138.70): BF086789.D (-452) (-)

Time-->



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF086789.D

Acq: 7 May 2016 22:30

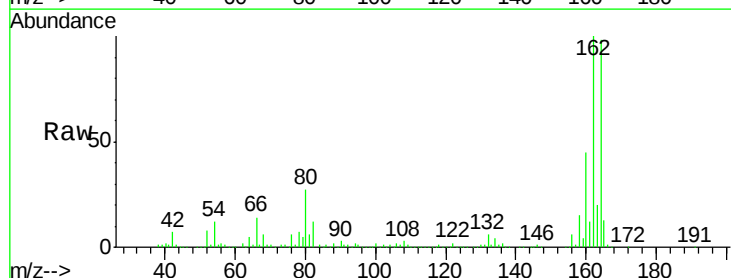
Tgt Ion: 164 Resp: 320078

Ion Ratio Lower Upper

164 100

162 102.5 82.8 124.2

160 45.8 36.9 55.3

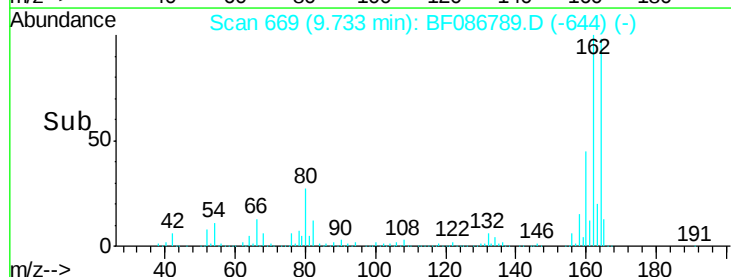


Abundance Ion 164.00 (163.70 to 164.70): BF086727.D (-666) (-)

Ion 162.00 (161.70 to 162.70): BF086727.D (-666) (-)

Ion 160.00 (159.70 to 160.70): BF086727.D (-666) (-)

Time-->

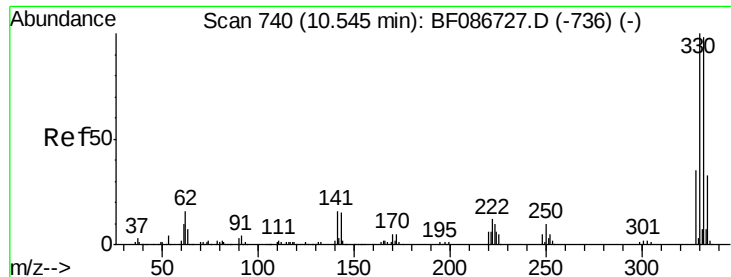


Abundance Ion 164.00 (163.70 to 164.70): BF086789.D (-644) (-)

Ion 162.00 (161.70 to 162.70): BF086789.D (-644) (-)

Ion 160.00 (159.70 to 160.70): BF086789.D (-644) (-)

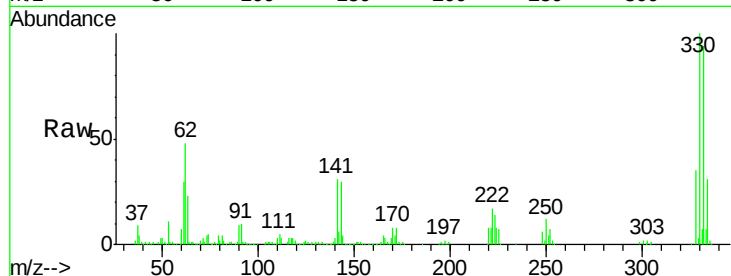
Time-->



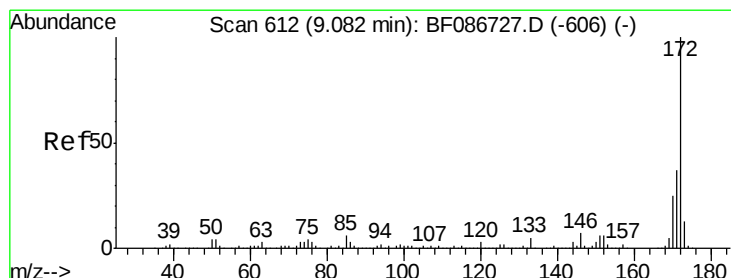
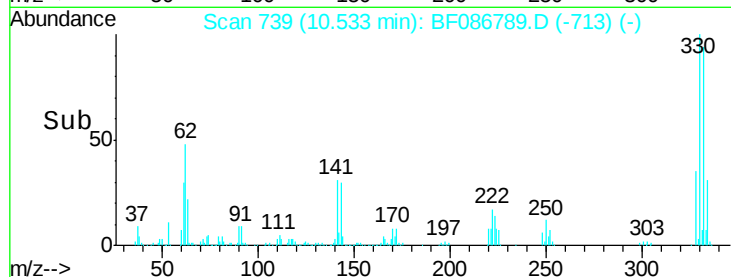
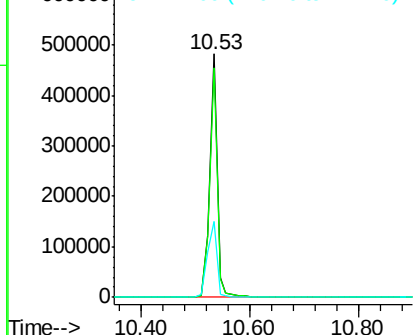
#41
 2,4,6-Tribromophenol
 Concen: 149.37 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086789.D
 Acq: 7 May 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

Tgt Ion:330 Resp: 467679
 Ion Ratio Lower Upper
 330 100
 332 95.2 79.0 118.4
 141 38.5 31.2 46.8

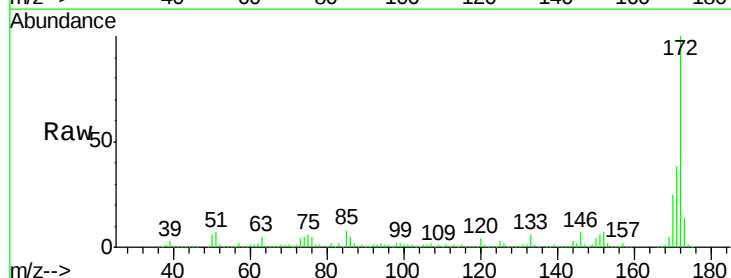


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

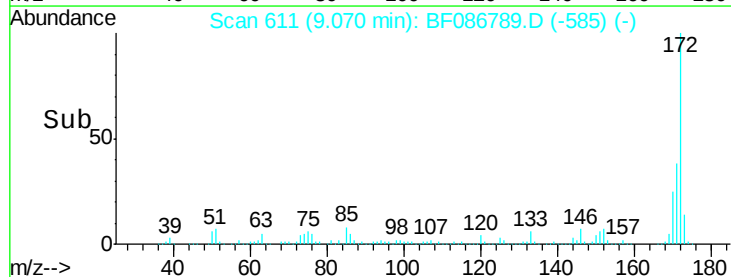
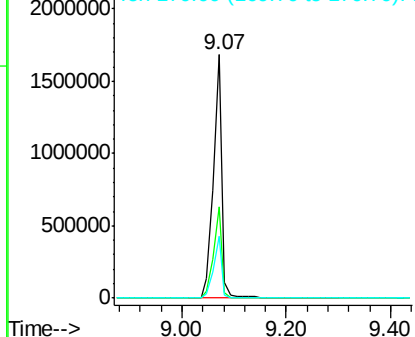


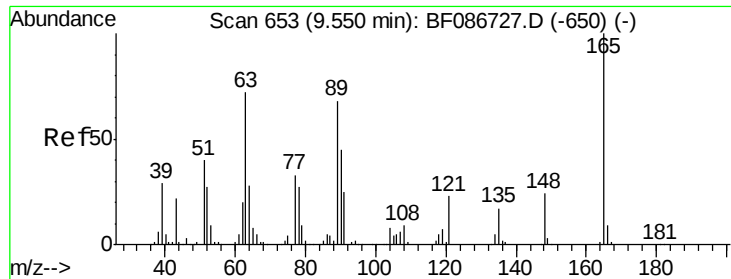
#44
 2-Fluorobiphenyl
 Concen: 97.84 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086789.D
 Acq: 7 May 2016 22:30

Tgt Ion:172 Resp: 1910363
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.0 43.6
 170 25.3 19.8 29.8



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

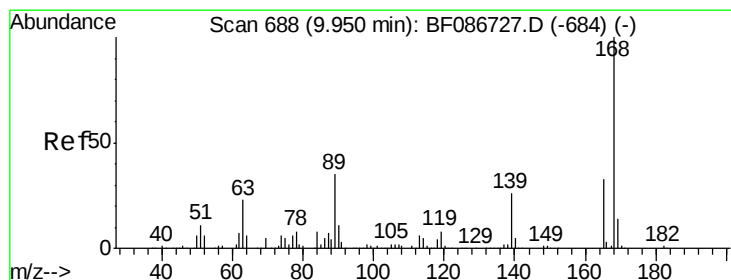
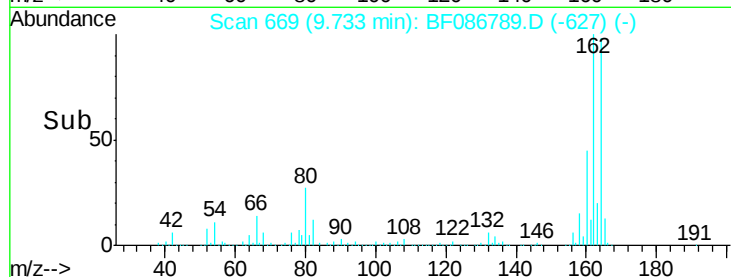
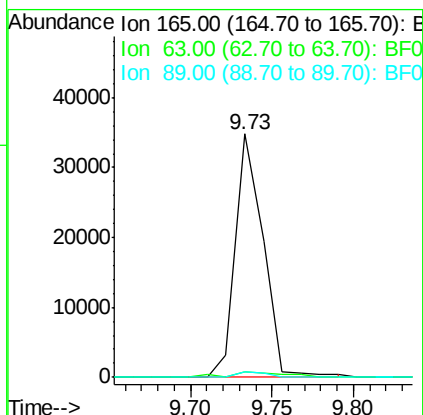
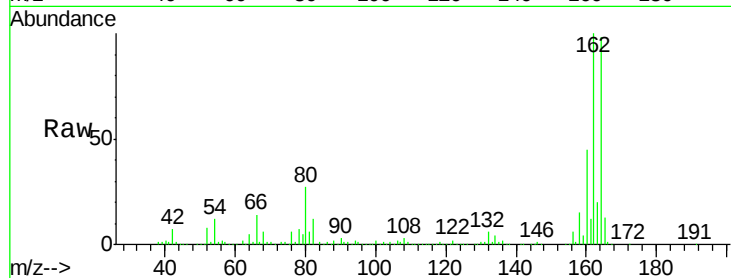




#50
 2,6-Dinitrotoluene
 Concen: 7.99 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF086789.D
 Acq: 7 May 2016 22:30

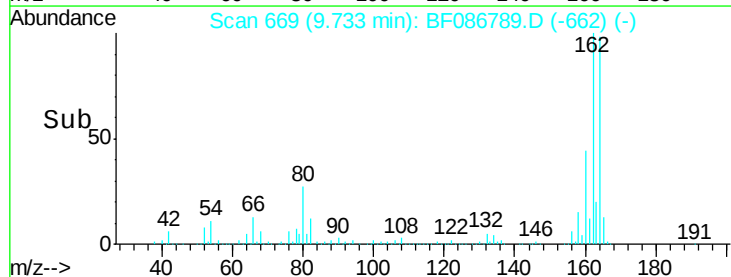
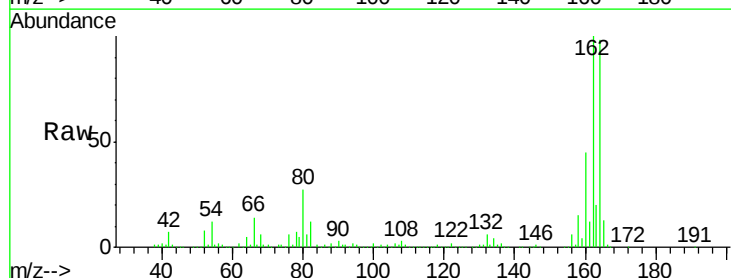
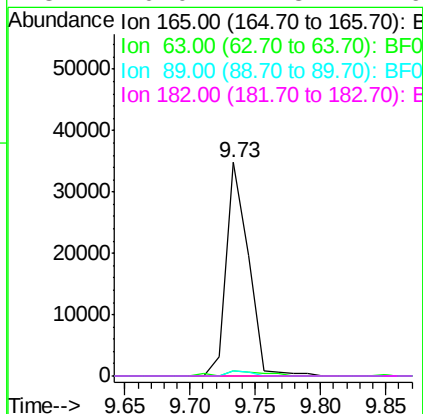
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

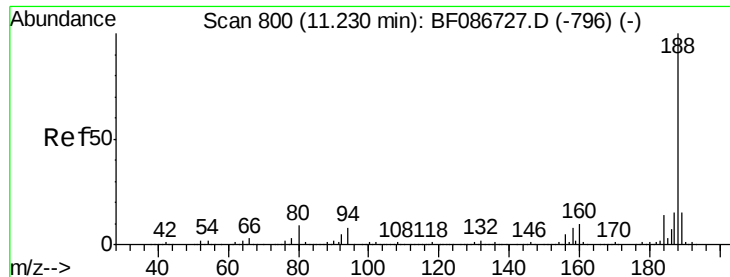
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	51.8	77.8#
89	2.4	50.7	76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF086789.D
 Acq: 7 May 2016 22:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	44.3	66.5#
89	2.4	70.0	105.0#
182	0.0	1.8	2.6#

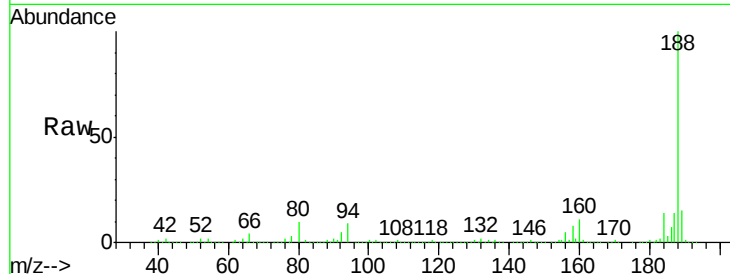




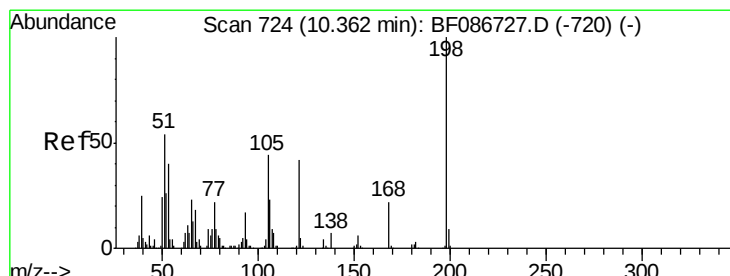
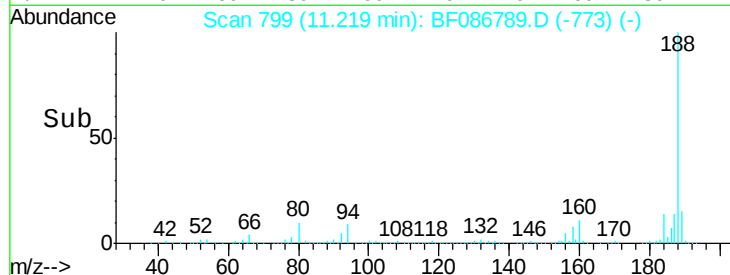
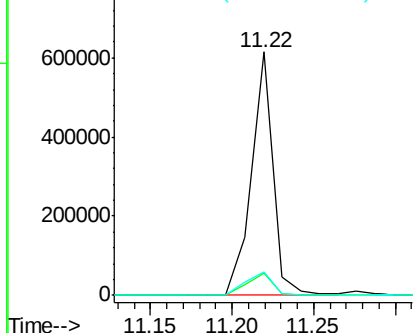
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086789.D
 Acq: 7 May 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-12

Tgt Ion:188 Resp: 566848
 Ion Ratio Lower Upper
 188 100
 94 9.3 6.8 10.2
 80 9.8 7.1 10.7

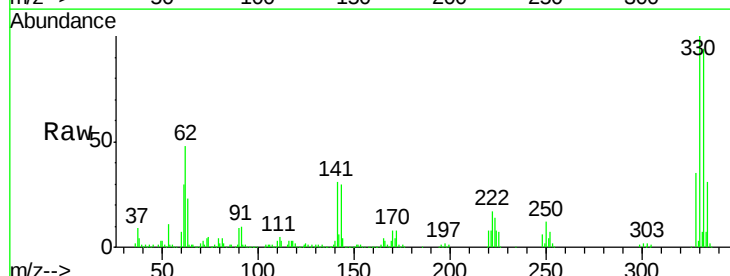


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

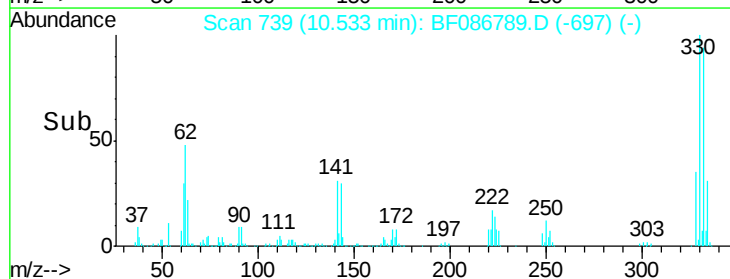
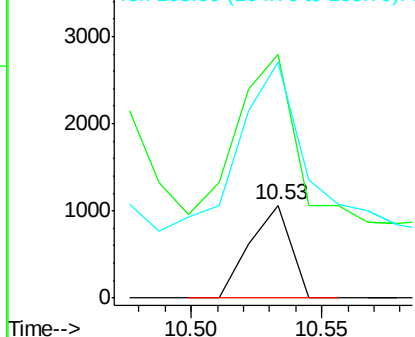


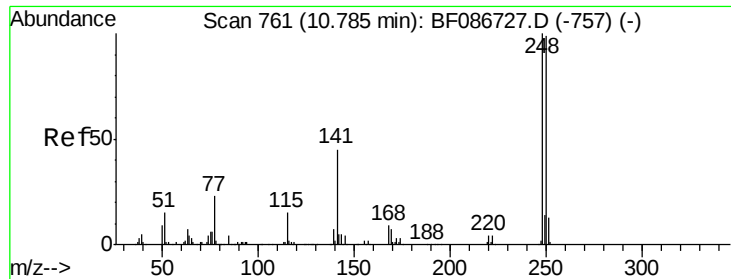
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.67 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.18 min
 Lab File: BF086789.D
 Acq: 7 May 2016 22:30

Tgt Ion:198 Resp: 1151
 Ion Ratio Lower Upper
 198 100
 51 262.7 20.5 60.5#
 105 254.4 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

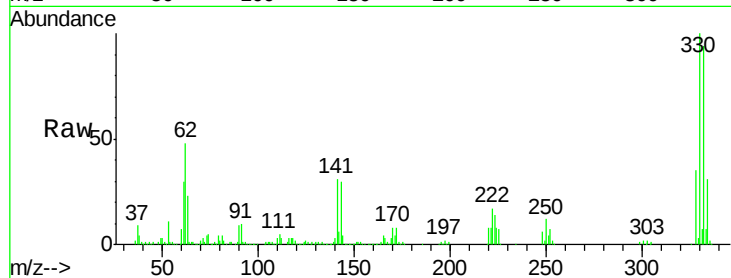




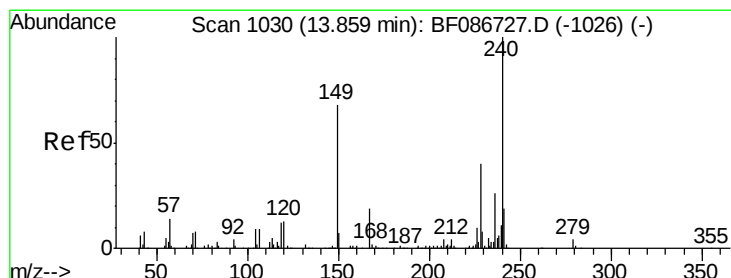
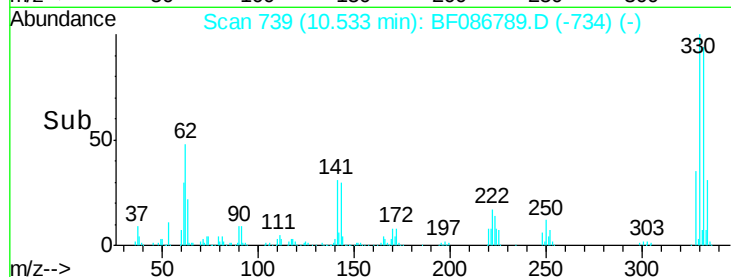
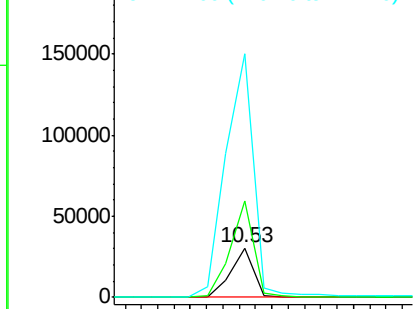
#66
4-Bromophenyl-phenylether
Concen: 5.34 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.24 min
Lab File: BF086789.D
Acq: 7 May 2016 22:30

Instrument :
BNA_F
ClientSampleId :
URSMW-12

Tgt Ion:248 Resp: 30059
Ion Ratio Lower Upper
248 100
250 194.7 78.6 117.8#
141 491.9 76.0 114.0#

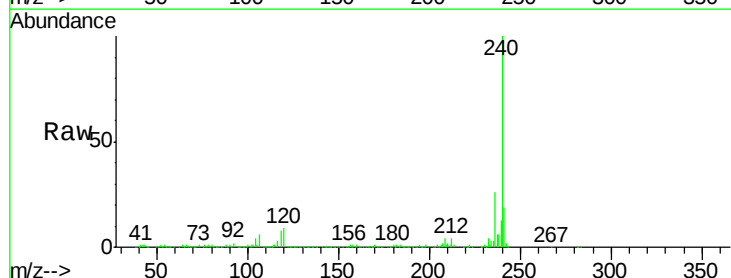


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

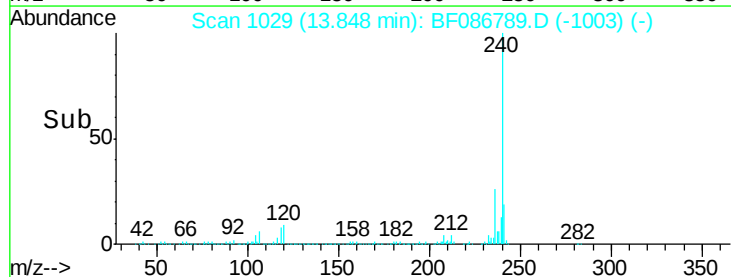
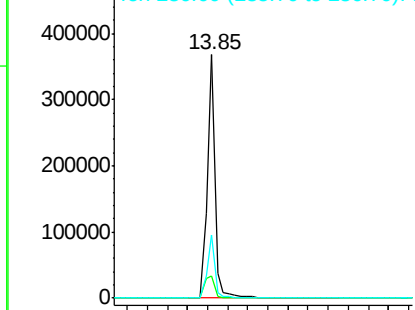


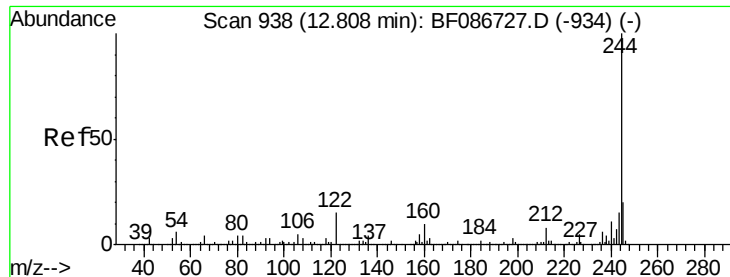
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086789.D
Acq: 7 May 2016 22:30

Tgt Ion:240 Resp: 393483
Ion Ratio Lower Upper
240 100
120 9.2 11.2 16.8#
236 25.8 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





#78

Terphenyl-d14

Concen: 80.75 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086789.D

Acq: 7 May 2016 22:30

Instrument :

BNA_F

ClientSampleId :

URSMW-12

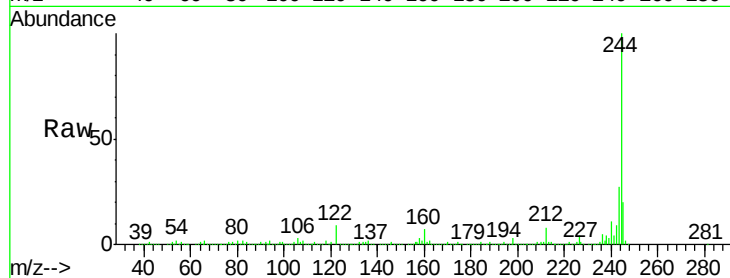
Tgt Ion:244 Resp: 1572134

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

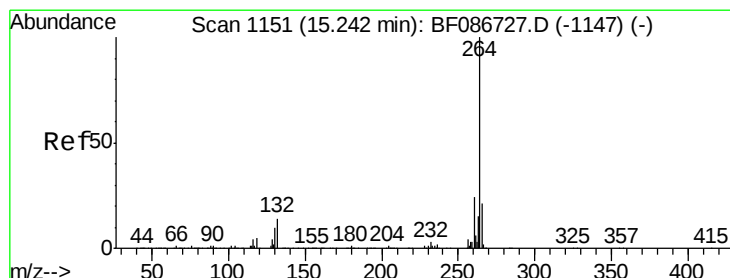
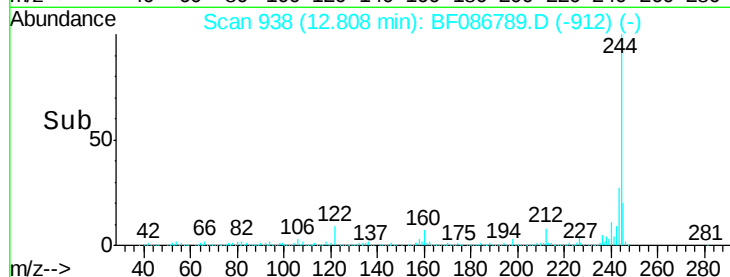
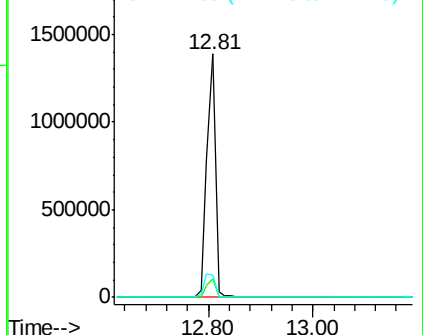
122 9.0 12.0 18.0#



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: 15.22 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF086789.D

Acq: 7 May 2016 22:30

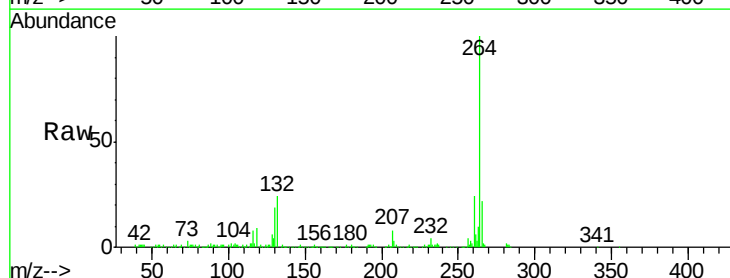
Tgt Ion:264 Resp: 300404

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.3 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

