

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086787.D
 Acq On : 7 May 2016 21:31
 Operator : UM/SJ
 Sample : H2879-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Quant Time: May 08 03:50:32 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

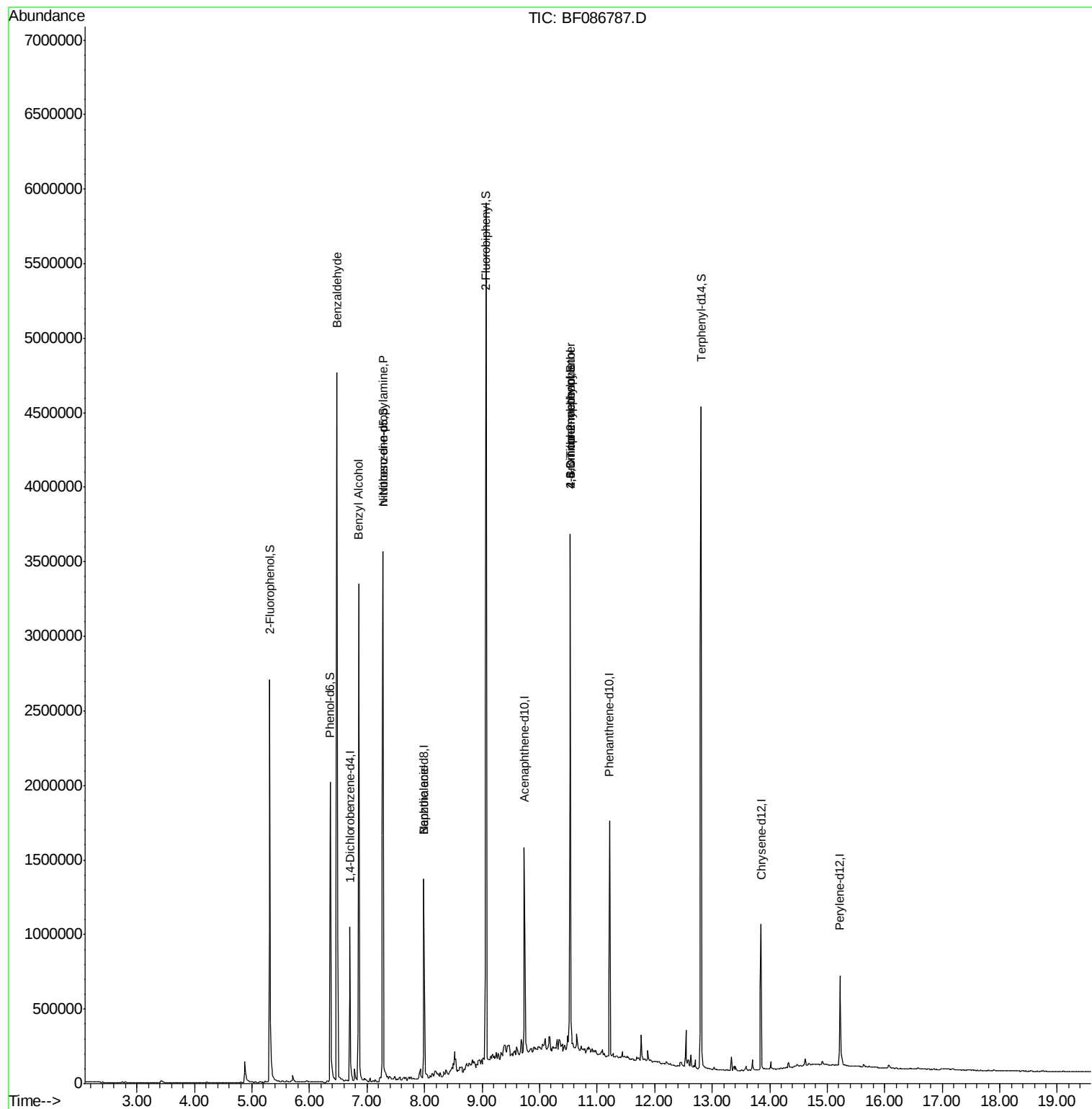
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	178060	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	701905	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	322180	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	571087	40.00	ng	0.00
75) Chrysene-d12	13.85	240	404740	40.00	ng	0.00
86) Perylene-d12	15.22	264	312909	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	768659	71.47	ng	0.01
7) Phenol-d6	6.36	99	633431	43.72	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1270690	93.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	476299	151.13	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1936342	98.52	ng	0.00
78) Terphenyl-d14	12.81	244	1635841	81.68	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	33624	4.65	ng	# 72
15) Benzyl Alcohol	6.85	79	21101	2.25	ng	# 44
19) n-Nitroso-di-n-propylamine	7.28	70	187710	18.96	ng	# 72
32) Benzoic acid	7.98	122	221	8.46	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.53	198	1510	5.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	29680	5.23	ng	# 1

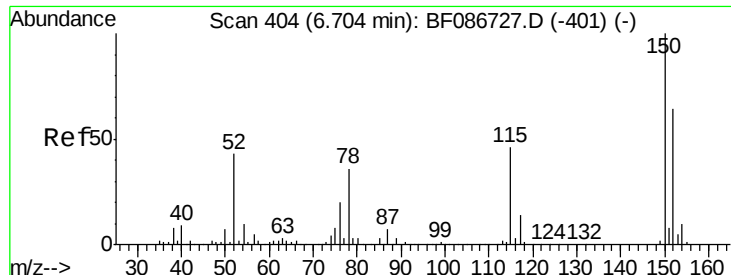
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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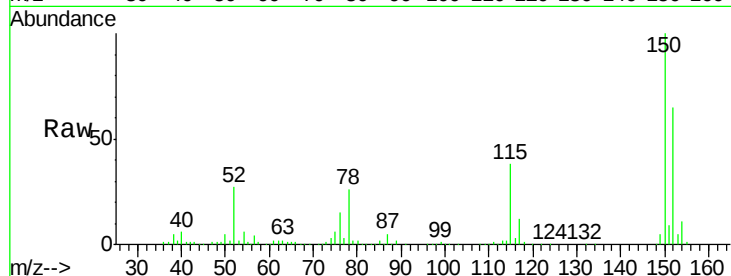




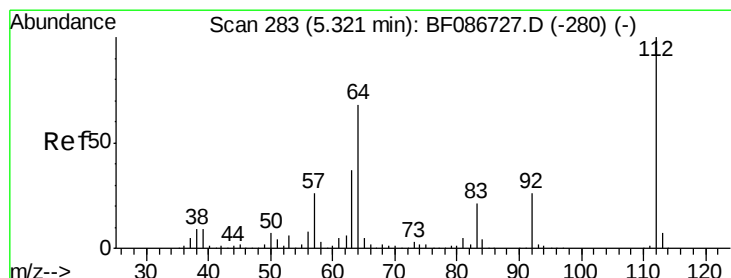
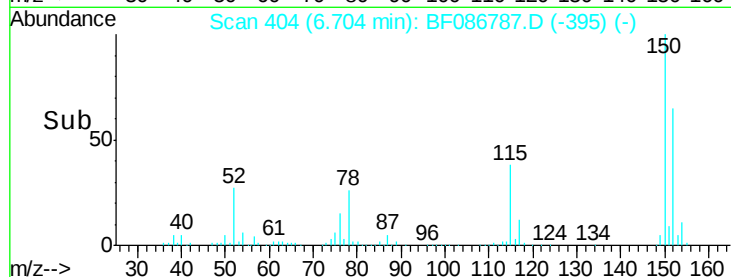
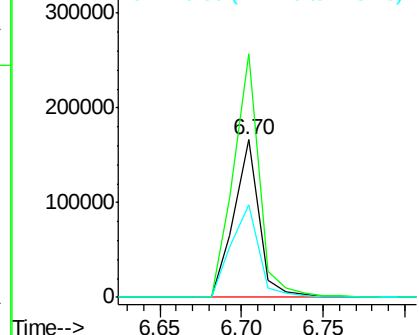
#1
 1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BF086787.D
 Acq: 7 May 2016 21:31

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Tgt Ion:152 Resp: 178060
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.8 188.6
 115 59.1 51.5 77.3

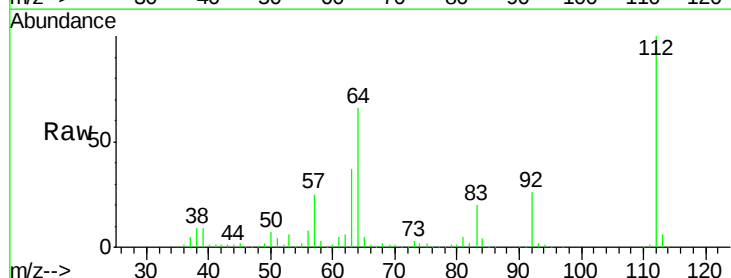


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

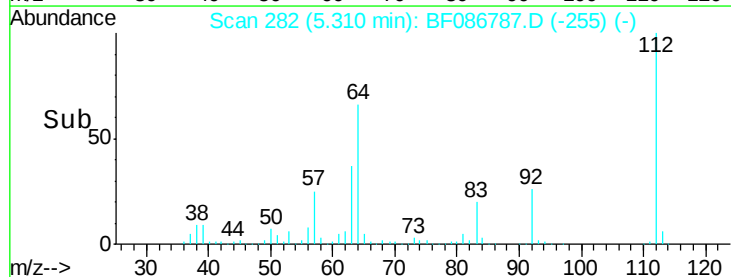
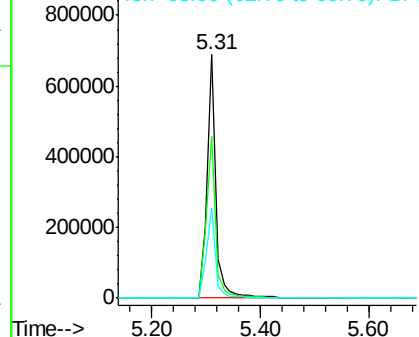


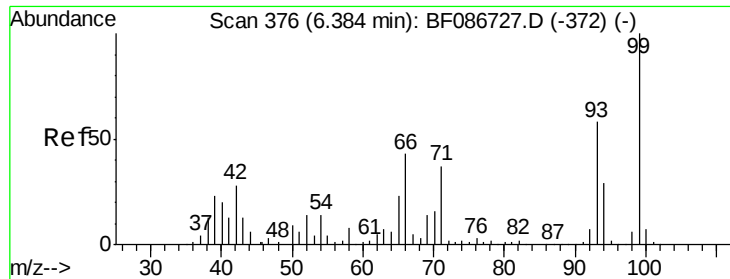
#5
 2-Fluorophenol
 Concen: 71.47 ng
 RT: 5.31 min Scan# 282
 Delta R.T. 0.01 min
 Lab File: BF086787.D
 Acq: 7 May 2016 21:31

Tgt Ion:112 Resp: 768659
 Ion Ratio Lower Upper
 112 100
 64 66.5 52.1 78.1
 63 36.7 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: 43.72 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086787.D

Acq: 7 May 2016 21:31

Instrument :

BNA_F

ClientSampleId :

URSMW-11

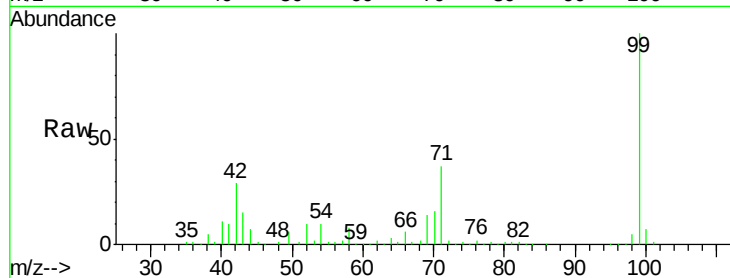
Tgt Ion: 99 Resp: 633431

Ion Ratio Lower Upper

99 100

42 28.9 13.6 20.4#

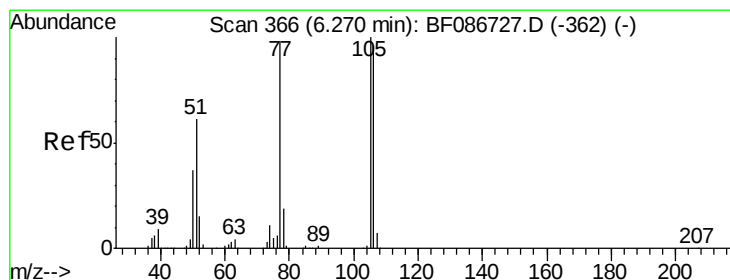
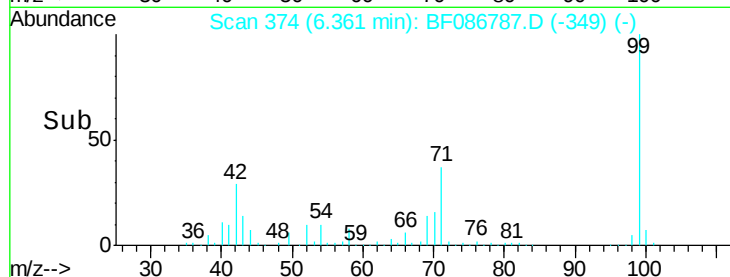
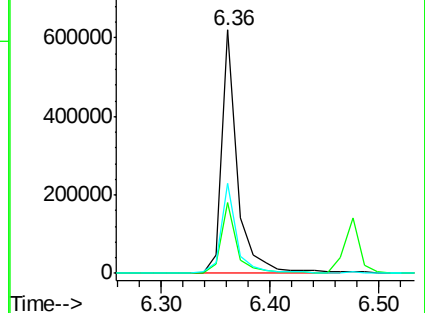
71 36.9 24.6 36.8#



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: 4.65 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF086787.D

Acq: 7 May 2016 21:31

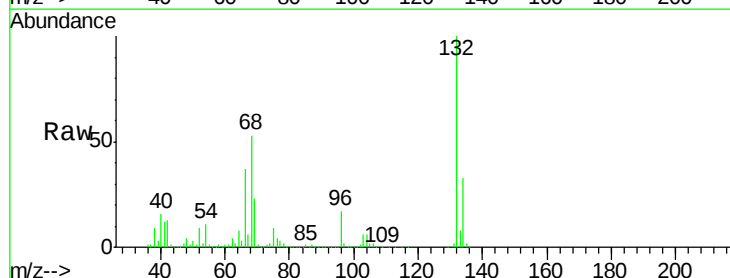
Tgt Ion: 77 Resp: 33624

Ion Ratio Lower Upper

77 100

105 69.2 72.7 112.7#

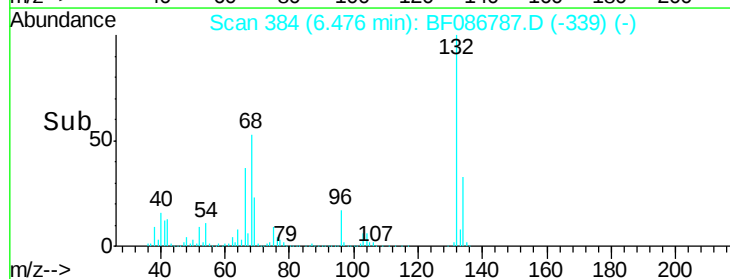
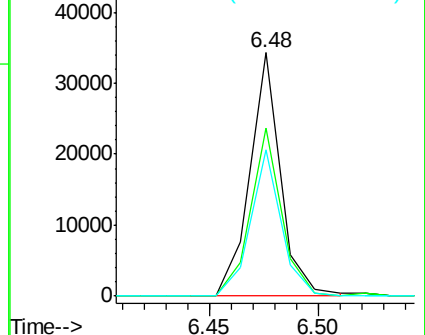
106 60.3 70.8 110.8#

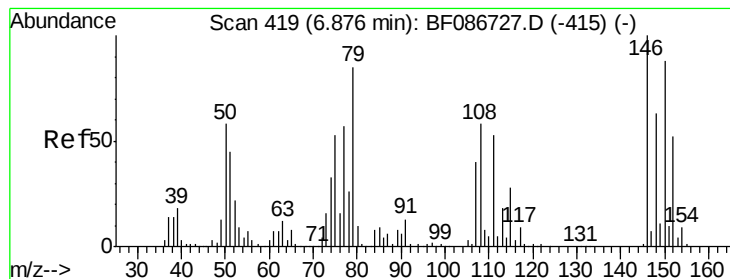


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.25 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF086787.D

Acq: 7 May 2016 21:31

Instrument :

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ClientSampleId :

URSMW-11

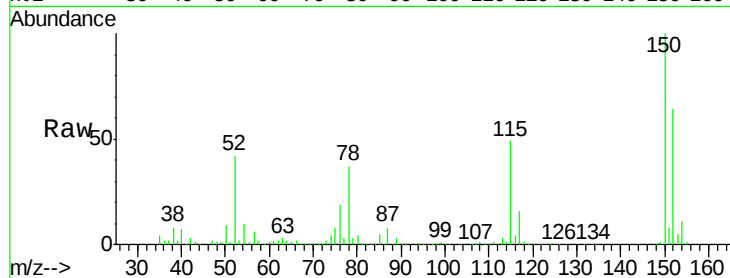
Tgt Ion: 79 Resp: 21101

Ion Ratio Lower Upper

79 100

108 32.8 68.4 102.6#

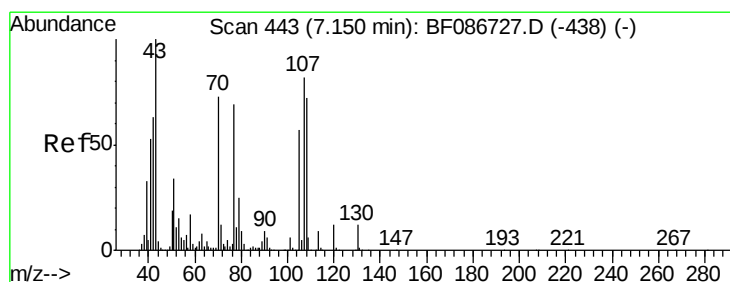
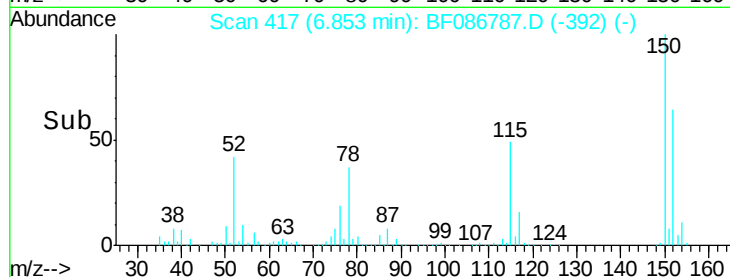
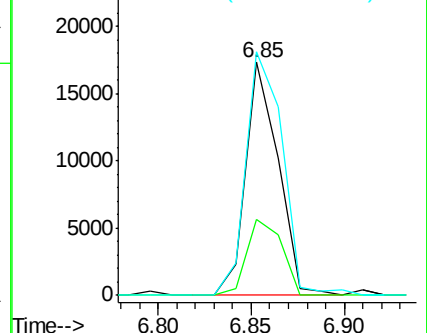
77 104.5 50.6 76.0#



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: 18.96 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.14 min

Lab File: BF086787.D

Acq: 7 May 2016 21:31

Tgt Ion: 70 Resp: 187710

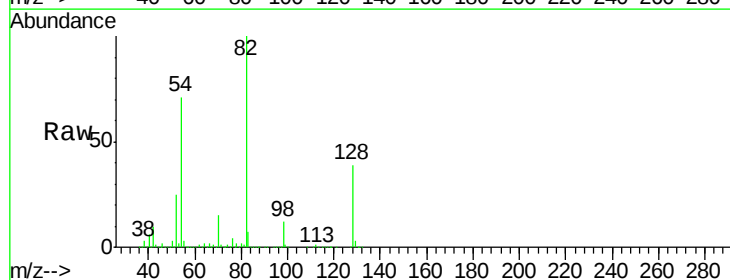
Ion Ratio Lower Upper

70 100

42 69.0 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

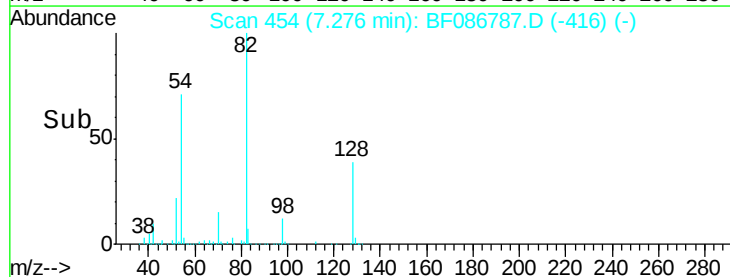
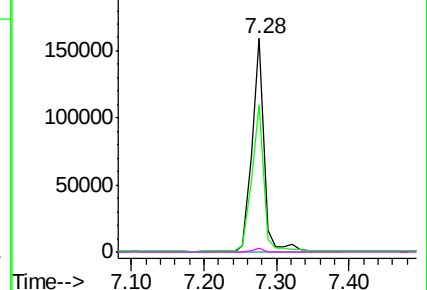


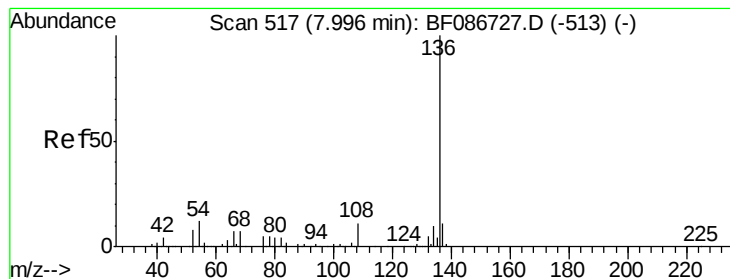
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF086787.D

Acq: 7 May 2016 21:31

Instrument :

BNA_F

ClientSampleId :

URSMW-11

Tgt Ion:136 Resp: 701905

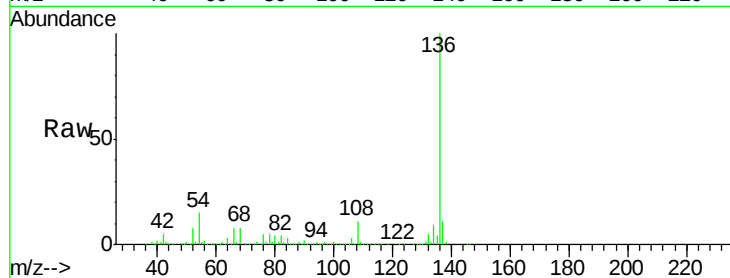
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.9 5.0 7.4#

68 7.9 4.4 6.6#

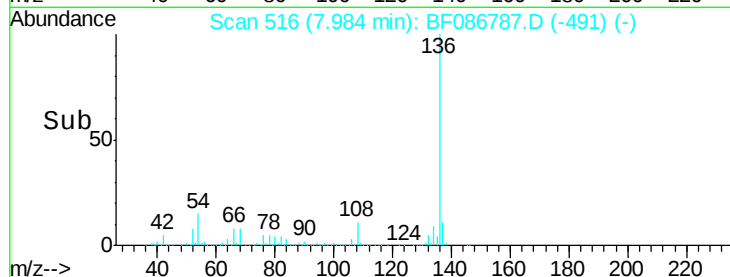


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

7.98

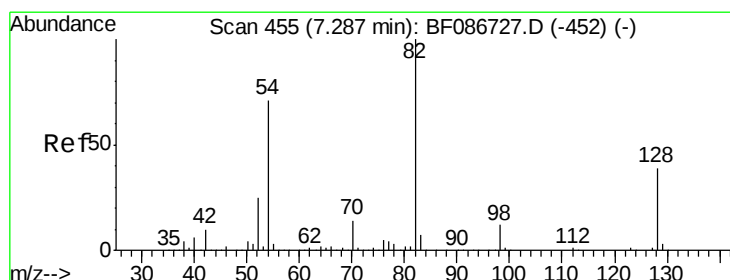
600000

400000

200000

0

Time-->



#23

Nitrobenzene-d5

Concen: 93.03 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086787.D

Acq: 7 May 2016 21:31

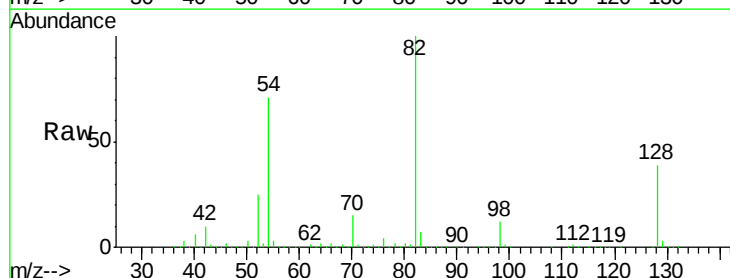
Tgt Ion: 82 Resp: 1270690

Ion Ratio Lower Upper

82 100

128 38.9 40.6 61.0#

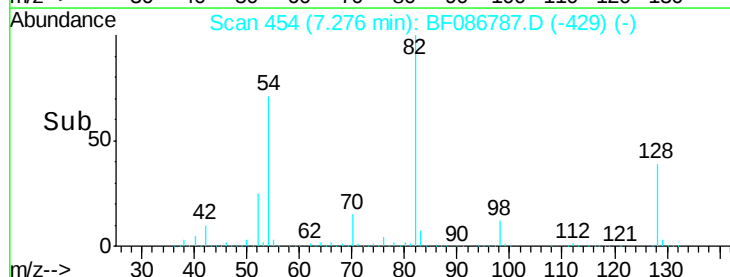
54 71.5 38.1 57.1#



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



Abundance

7.28

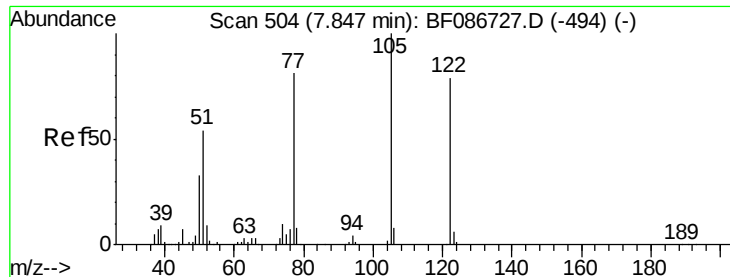
1500000

1000000

500000

0

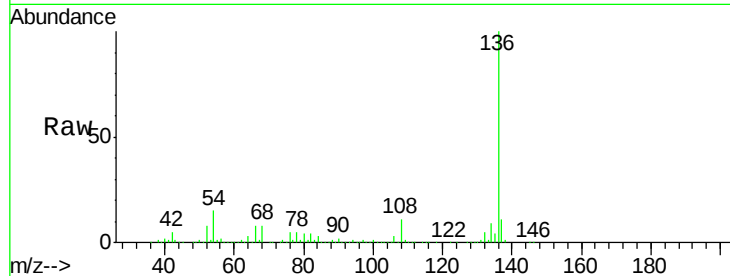
Time-->



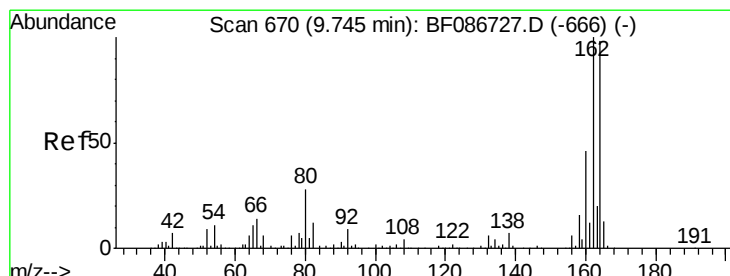
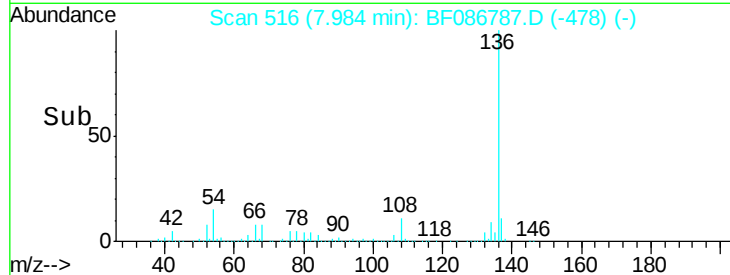
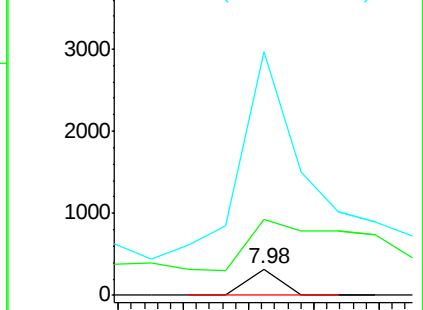
#32
Benzoic acid
Concen: 8.46 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.14 min
Lab File: BF086787.D
Acq: 7 May 2016 21:31

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion:122 Resp: 221
Ion Ratio Lower Upper
122 100
105 286.1 92.6 132.6#
77 918.6 60.0 100.0#

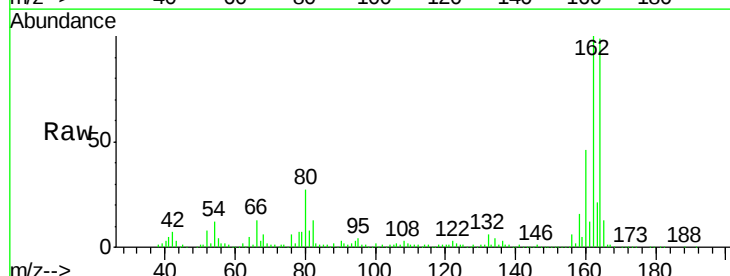


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

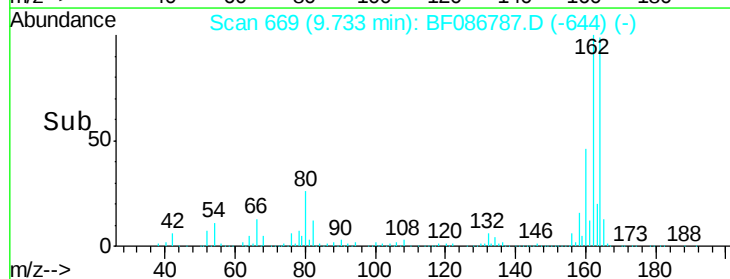
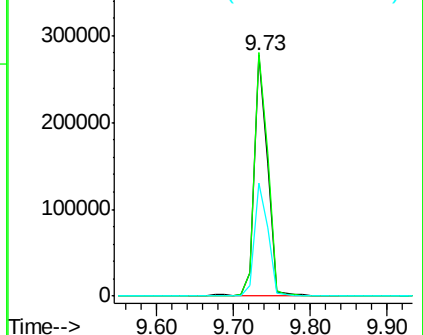


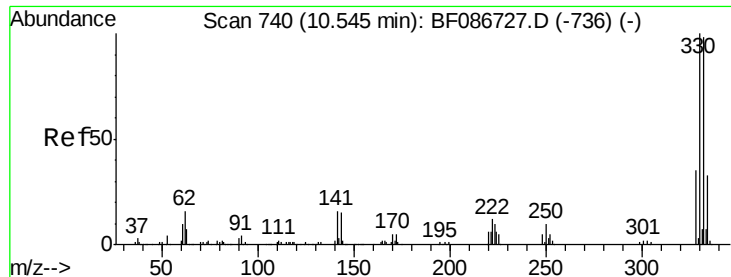
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF086787.D
Acq: 7 May 2016 21:31

Tgt Ion:164 Resp: 322180
Ion Ratio Lower Upper
164 100
162 101.2 82.8 124.2
160 46.8 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

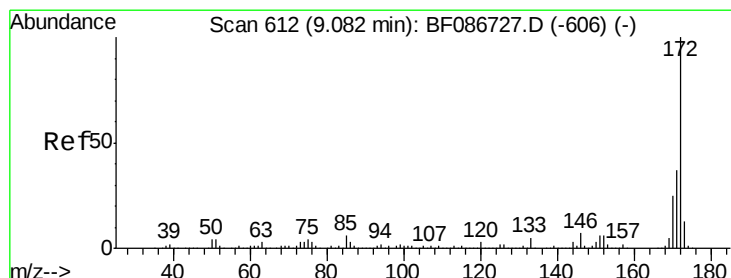
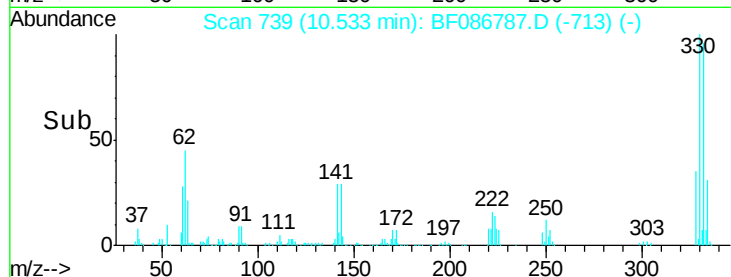
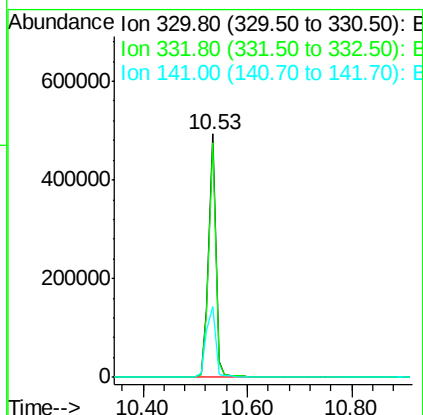
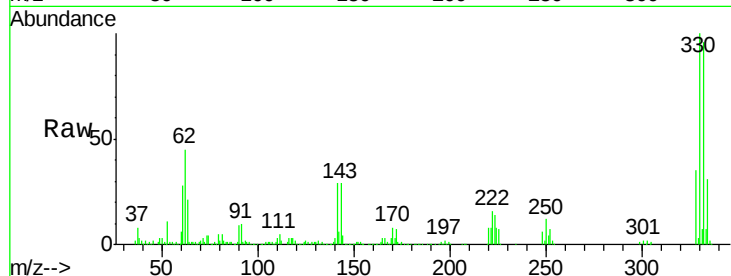




#41
 2,4,6-Tribromophenol
 Concen: 151.13 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086787.D
 Acq: 7 May 2016 21:31

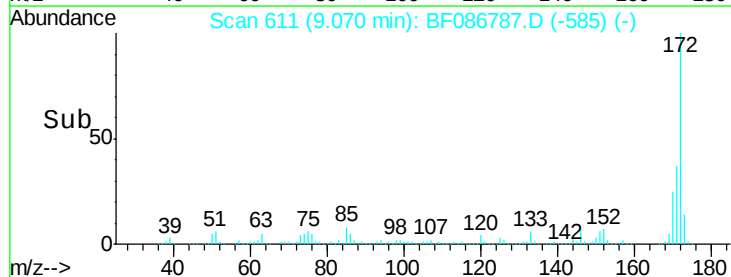
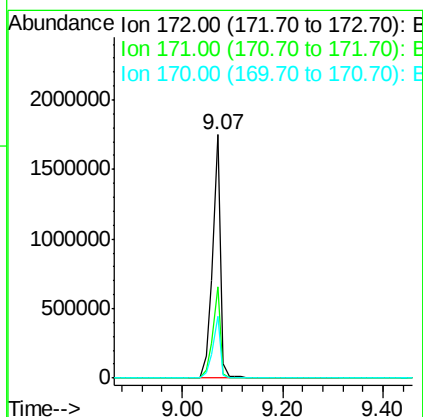
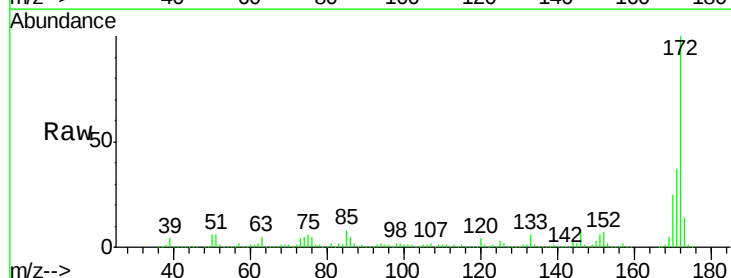
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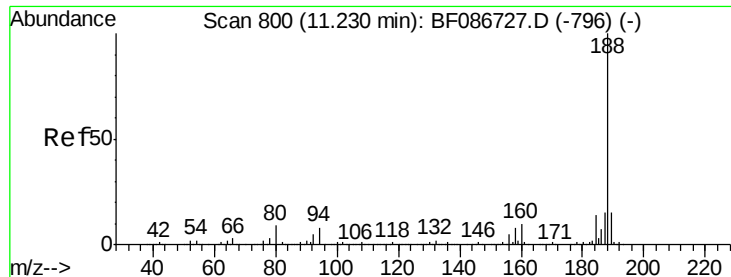
Tgt Ion:330 Resp: 476299
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 37.4 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 98.52 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086787.D
 Acq: 7 May 2016 21:31

Tgt Ion:172 Resp: 1936342
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.0 43.6
 170 25.1 19.8 29.8

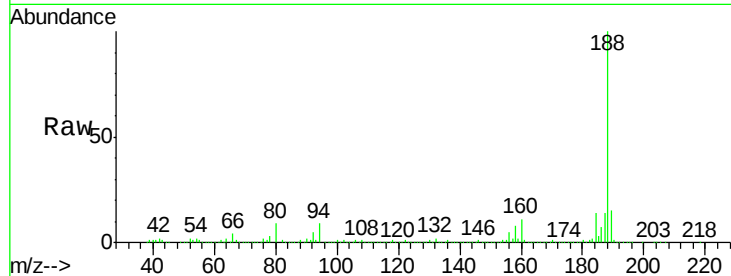




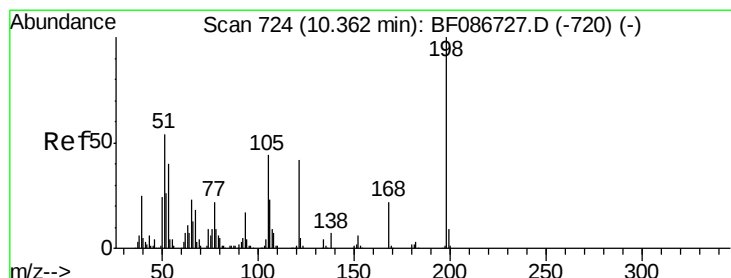
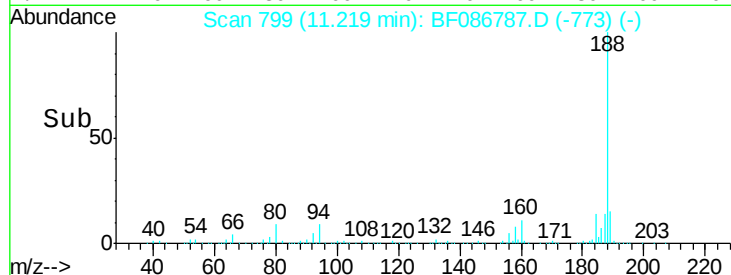
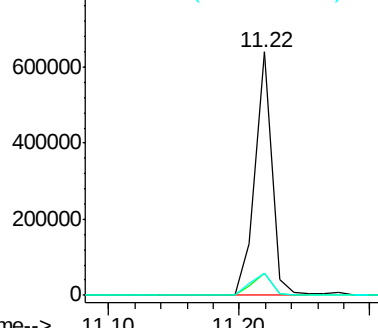
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086787.D
 Acq: 7 May 2016 21:31

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Tgt Ion:188 Resp: 571087
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.8 10.2
 80 9.3 7.1 10.7

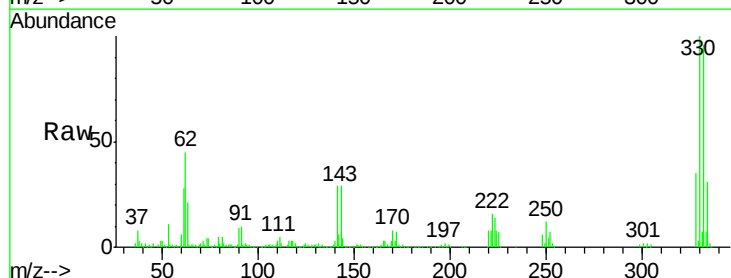


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

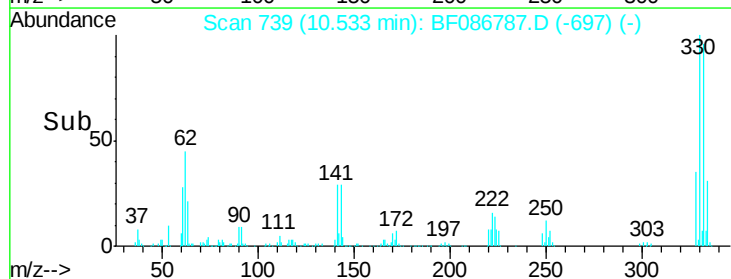
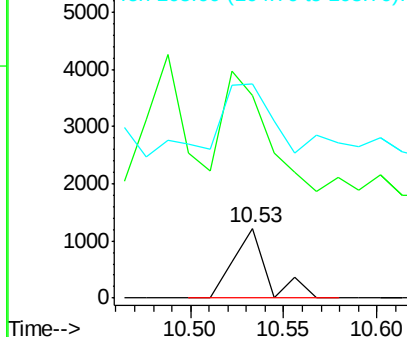


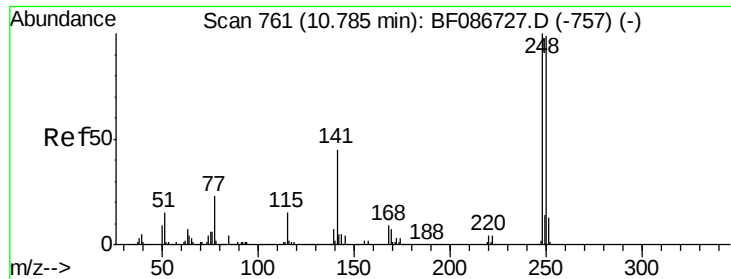
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.81 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.18 min
 Lab File: BF086787.D
 Acq: 7 May 2016 21:31

Tgt Ion:198 Resp: 1510
 Ion Ratio Lower Upper
 198 100
 51 292.2 20.5 60.5#
 105 308.5 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

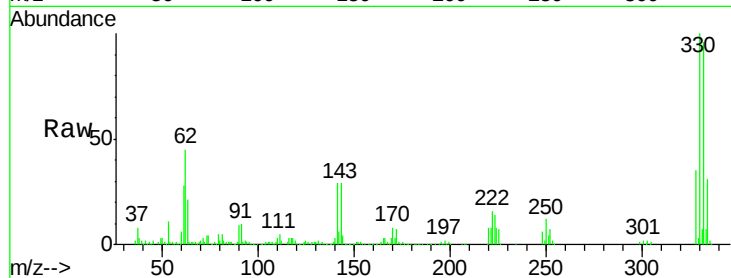




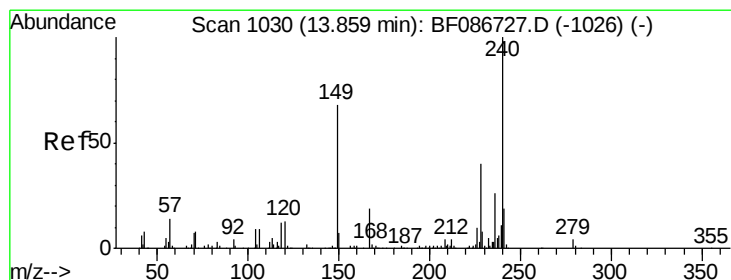
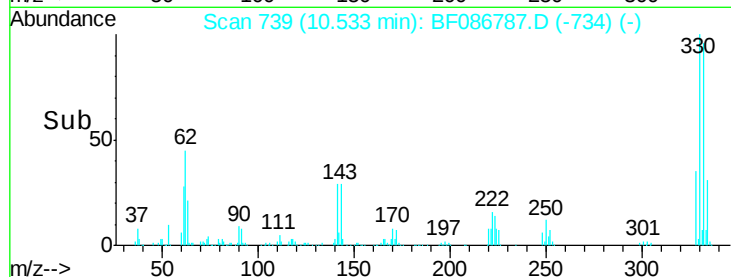
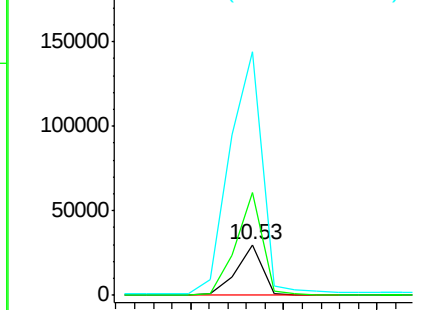
#66
4-Bromophenyl-phenylether
Concen: 5.23 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.24 min
Lab File: BF086787.D
Acq: 7 May 2016 21:31

Instrument :
BNA_F
ClientSampleId :
URSMW-11

Tgt Ion:248 Resp: 29680
Ion Ratio Lower Upper
248 100
250 204.2 78.6 117.8#
141 480.7 76.0 114.0#

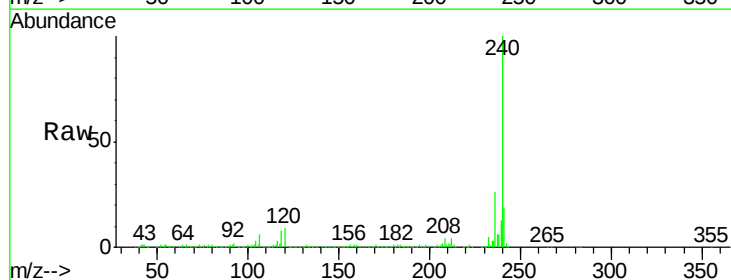


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

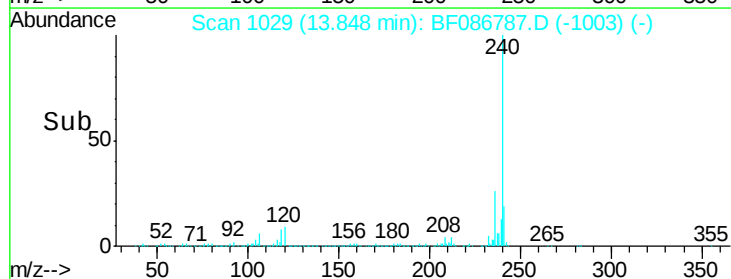
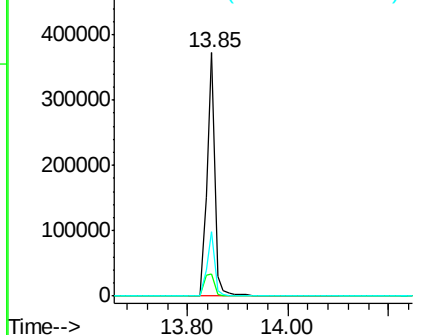


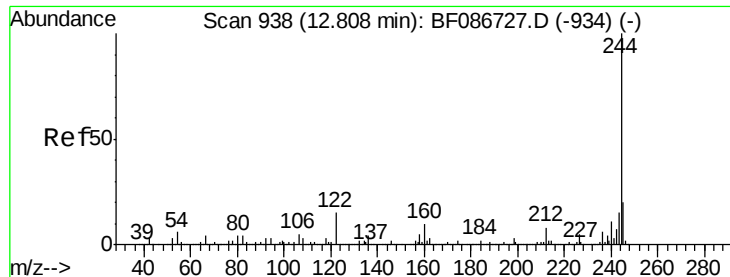
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086787.D
Acq: 7 May 2016 21:31

Tgt Ion:240 Resp: 404740
Ion Ratio Lower Upper
240 100
120 9.1 11.2 16.8#
236 26.3 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: 81.68 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086787.D

Acq: 7 May 2016 21:31

Instrument :

BNA_F

ClientSampleId :

URSMW-11

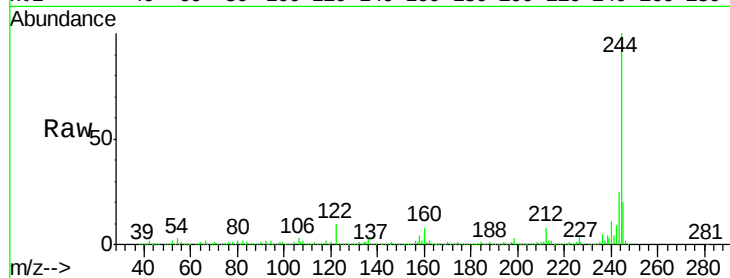
Tgt Ion:244 Resp: 1635841

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

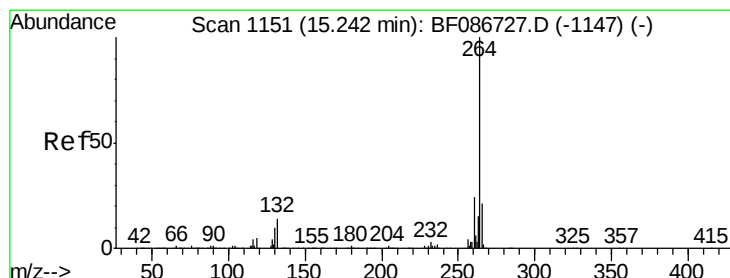
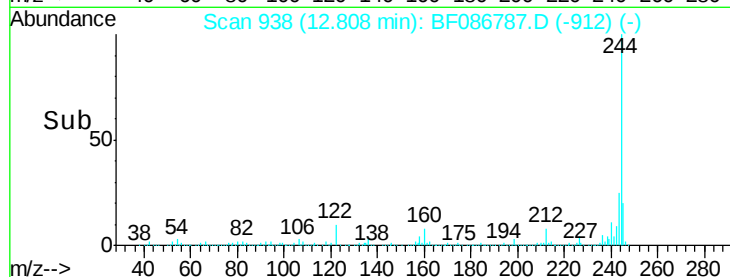
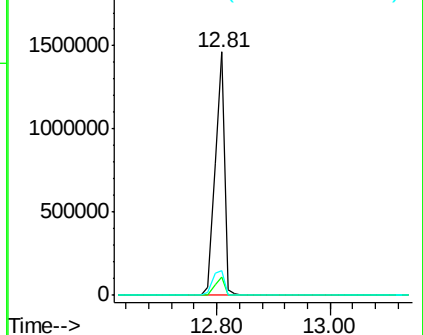
122 10.0 12.0 18.0#



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: BF086787.D

Acq: 7 May 2016 21:31

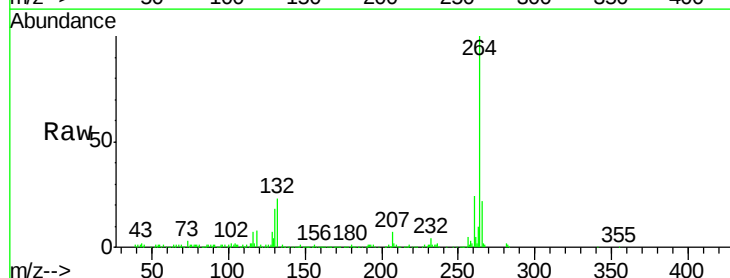
Tgt Ion:264 Resp: 312909

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.6 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

