

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050616\
 Data File : BF086782.D
 Acq On : 7 May 2016 19:06
 Operator : UM/SJ
 Sample : H2878-03
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-08

Quant Time: May 08 00:24:32 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

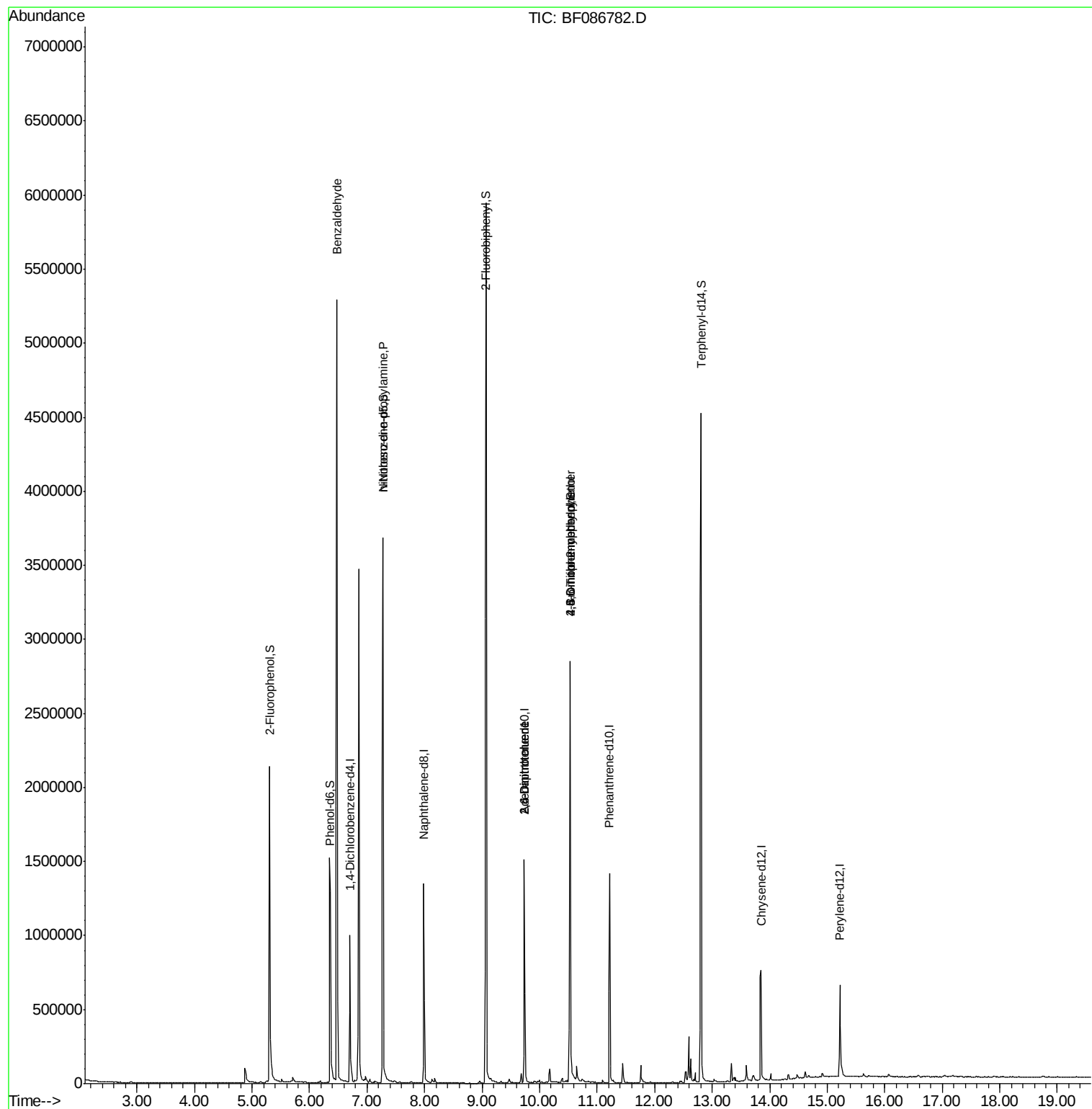
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172522	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	687894	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	330461	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	611754	40.00	ng	0.00
75) Chrysene-d12	13.85	240	400043	40.00	ng	0.00
86) Perylene-d12	15.22	264	312695	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	854017	81.95	ng	0.01
7) Phenol-d6	6.36	99	745781	53.13	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1354435	101.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	566421	175.22	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2178574	108.07	ng	0.00
78) Terphenyl-d14	12.81	244	1809511	91.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	36906	5.27	ng	# 74
19) n-Nitroso-di-n-propylamine	7.28	70	193633	20.19	ng	# 73
50) 2,6-Dinitrotoluene	9.73	165	42108	7.96	ng	# 20
56) 2,4-Dinitrotoluene	9.73	165	42109	6.43	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.53	198	1271	5.68	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	32976	5.42	ng	# 1

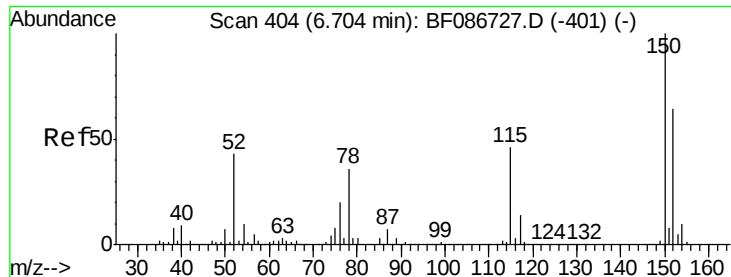
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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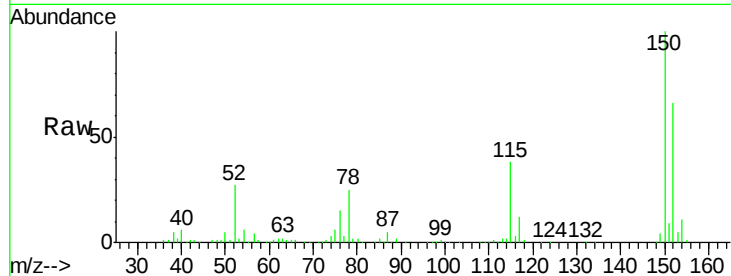


#1

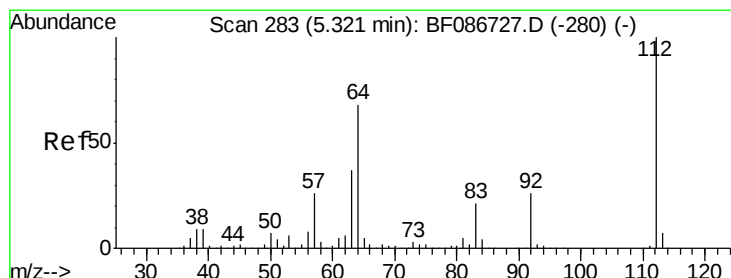
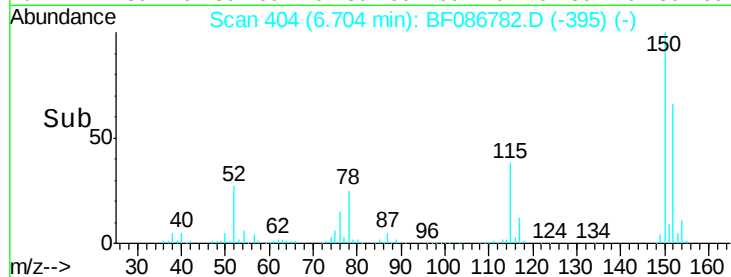
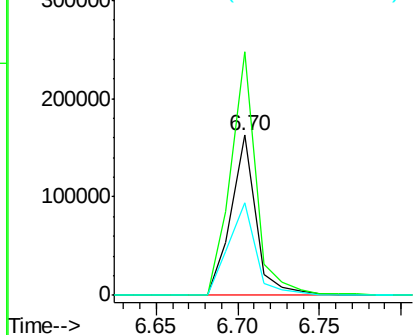
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086782.D
Acq: 7 May 2016 19:06

Instrument :
BNA_F
ClientSampleId :
URSMW-08

Tgt Ion:152 Resp: 172522
Ion Ratio Lower Upper
152 100
150 152.3 125.8 188.6
115 58.3 51.5 77.3



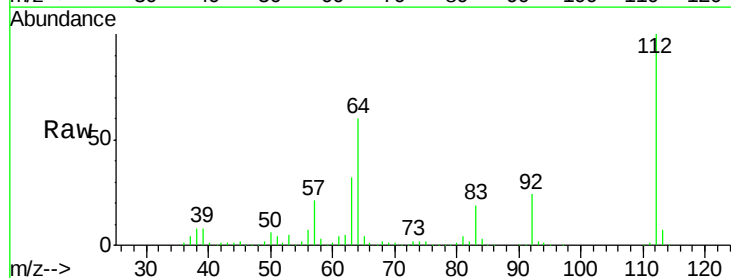
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



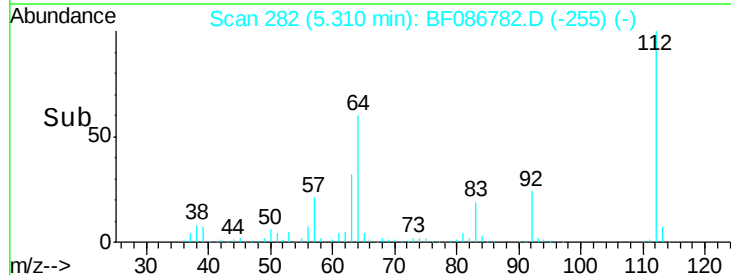
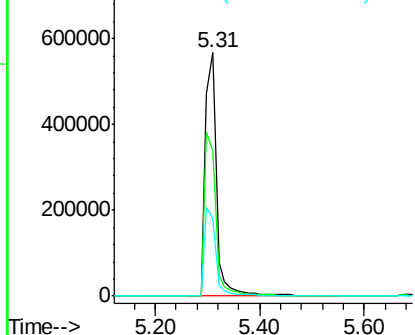
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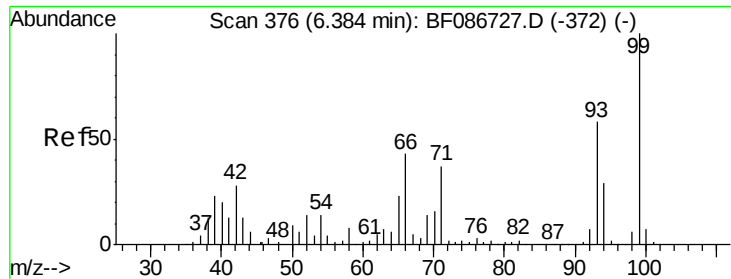
2-Fluorophenol
Concen: 81.95 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF086782.D
Acq: 7 May 2016 19:06

Tgt Ion:112 Resp: 854017
Ion Ratio Lower Upper
112 100
64 59.8 52.1 78.1
63 32.0 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: 53.13 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086782.D

Acq: 7 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

URSMW-08

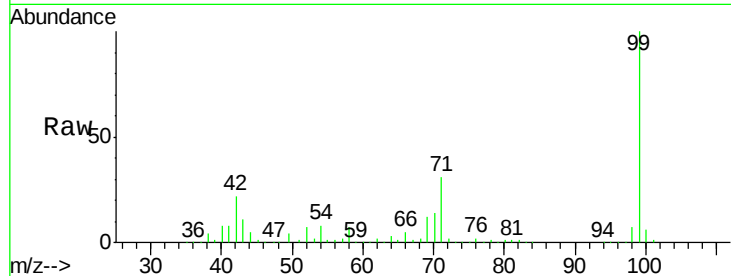
Tgt Ion: 99 Resp: 745781

Ion Ratio Lower Upper

99 100

42 21.6 13.6 20.4#

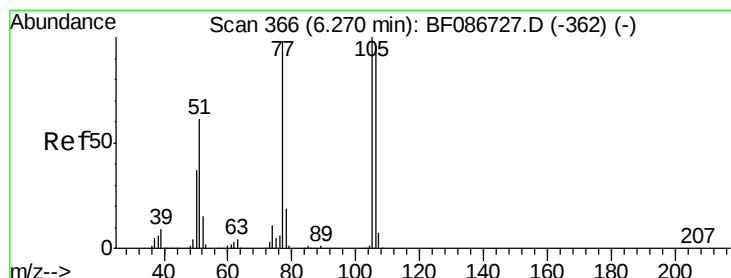
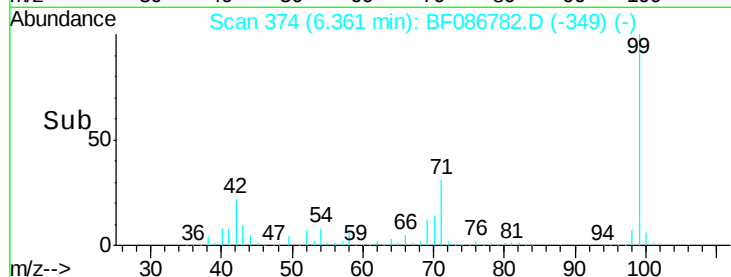
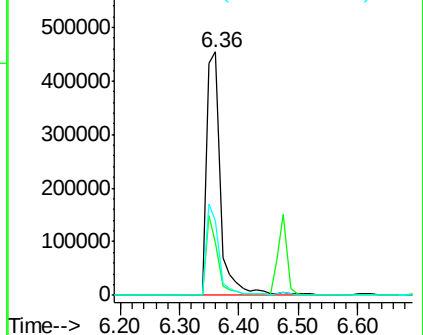
71 30.8 24.6 36.8



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: 5.27 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.22 min

Lab File: BF086782.D

Acq: 7 May 2016 19:06

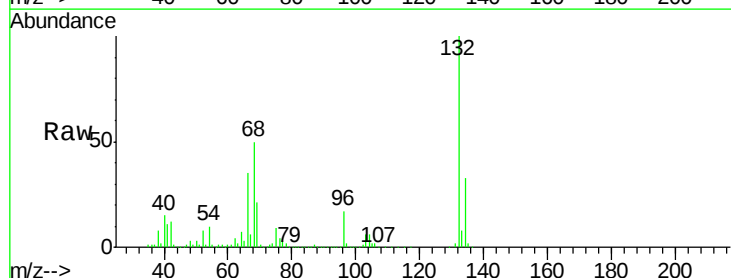
Tgt Ion: 77 Resp: 36906

Ion Ratio Lower Upper

77 100

105 72.4 72.7 112.7#

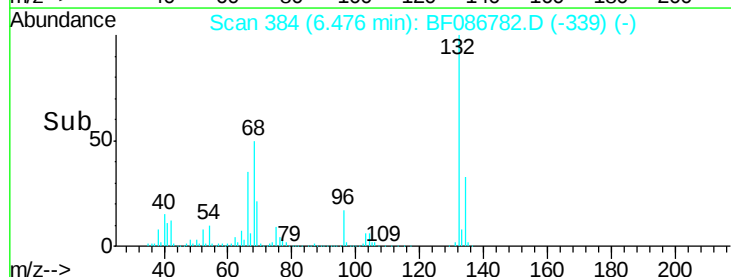
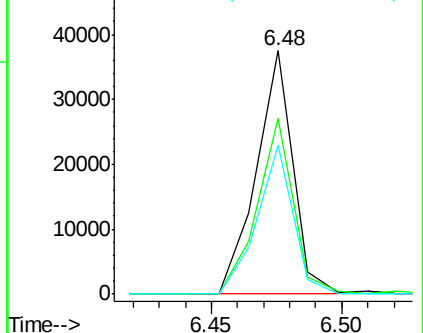
106 61.1 70.8 110.8#

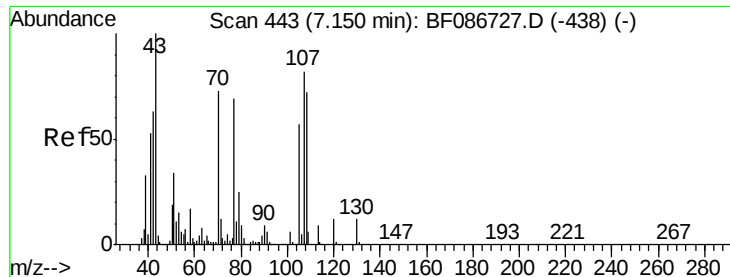


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

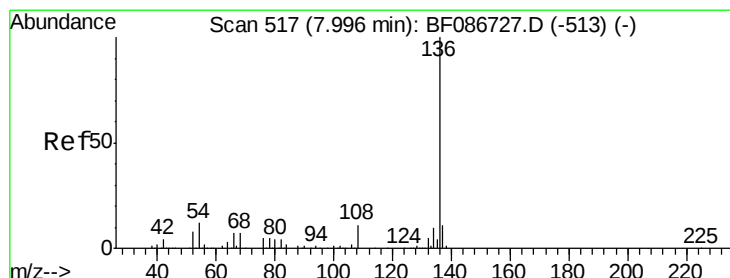
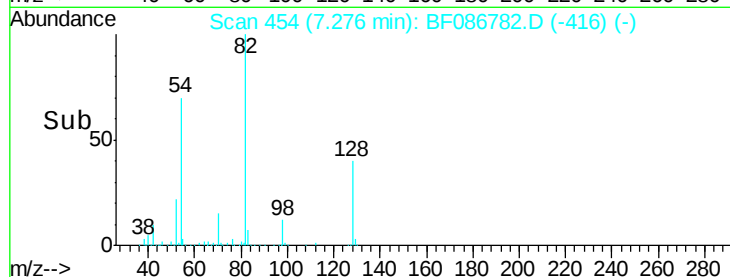
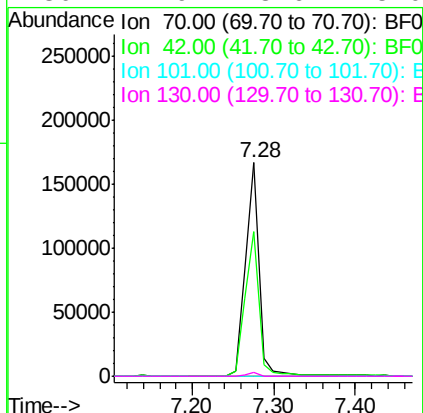
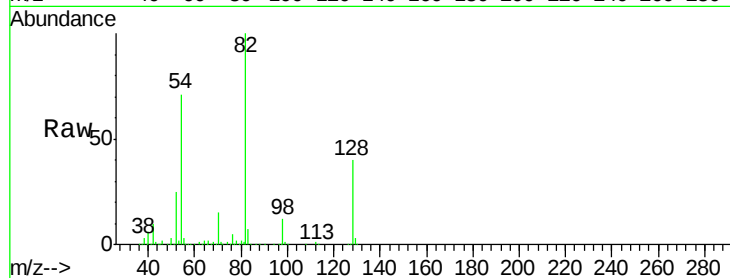




#19
n-Nitroso-di-n-propylamine
Concen: 20.19 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF086782.D
Acq: 7 May 2016 19:06

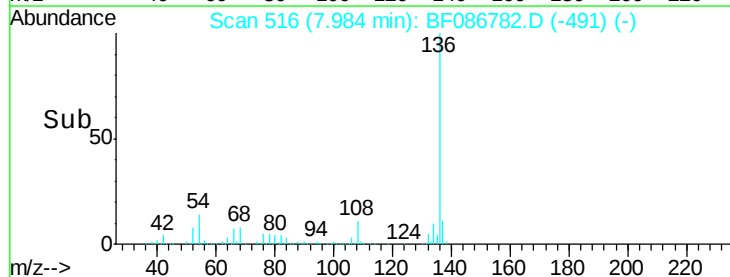
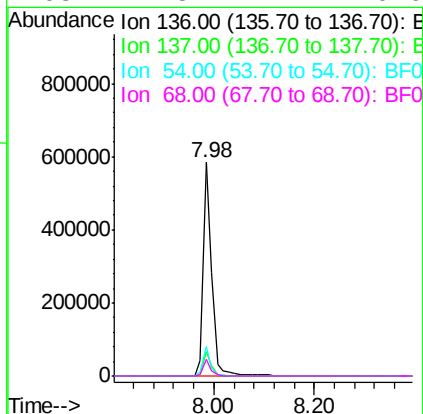
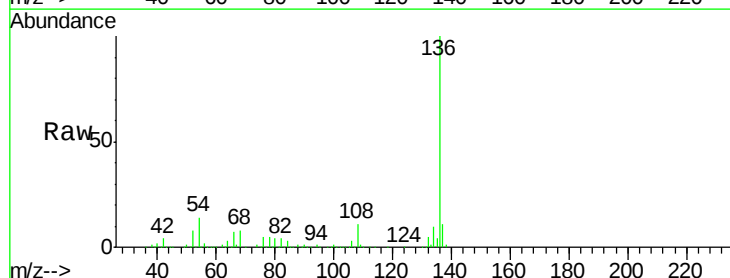
Instrument :
BNA_F
ClientSampleId :
URSMW-08

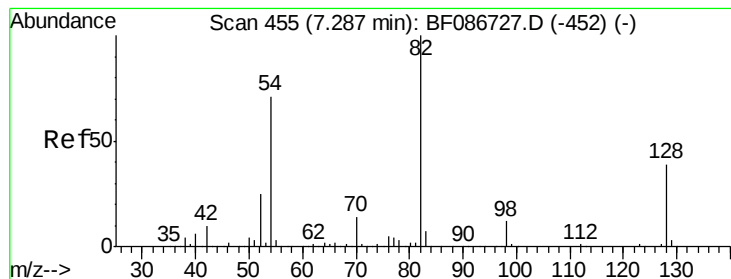
Tgt Ion: 70 Resp: 193633
Ion Ratio Lower Upper
70 100
42 67.5 43.1 64.7#
101 0.0 8.1 12.1#
130 1.9 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF086782.D
Acq: 7 May 2016 19:06

Tgt Ion: 136 Resp: 687894
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 14.0 5.0 7.4#
68 7.8 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 101.18 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086782.D

Acq: 7 May 2016 19:06

Instrument :

BNA_F

ClientSampleId :

URSMW-08

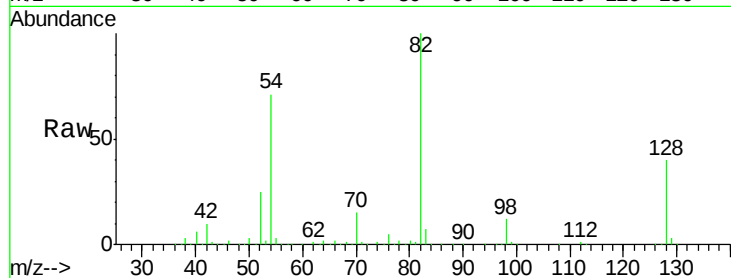
Tgt Ion: 82 Resp: 1354435

Ion Ratio Lower Upper

82 100

128 39.7 40.6 61.0#

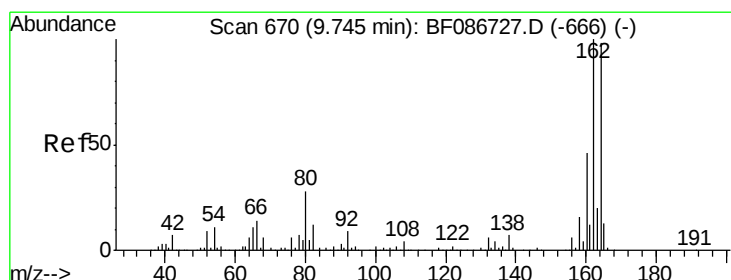
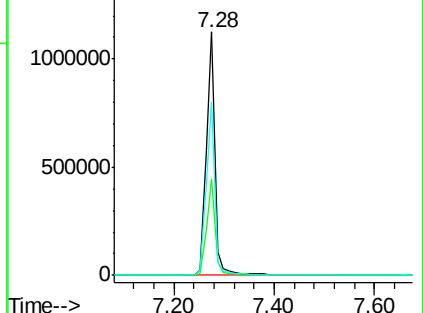
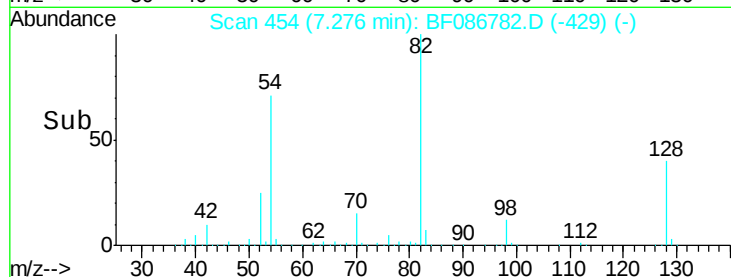
54 71.2 38.1 57.1#



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



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF086782.D

Acq: 7 May 2016 19:06

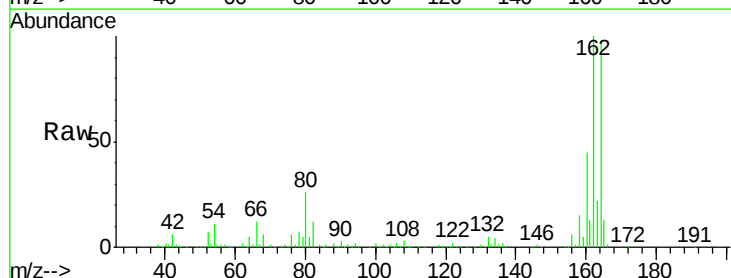
Tgt Ion: 164 Resp: 330461

Ion Ratio Lower Upper

164 100

162 101.7 82.8 124.2

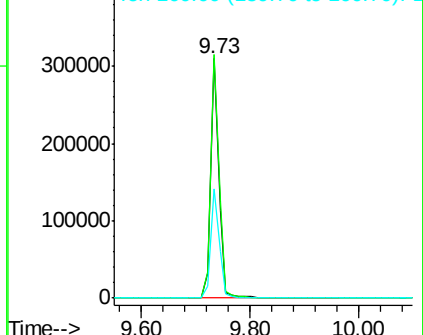
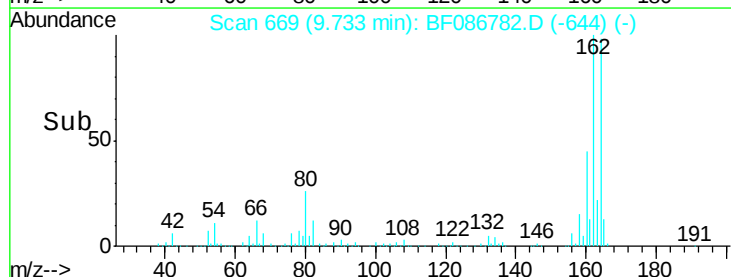
160 45.8 36.9 55.3

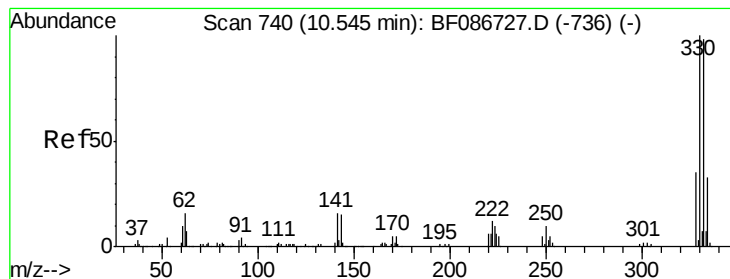


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

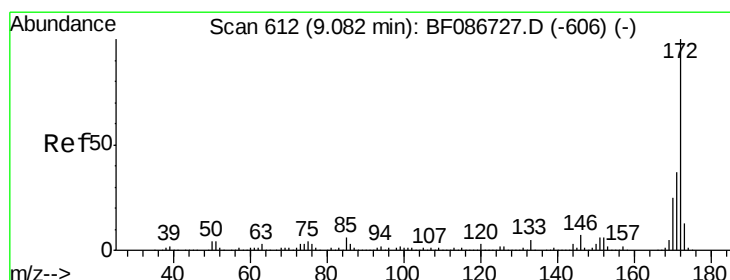
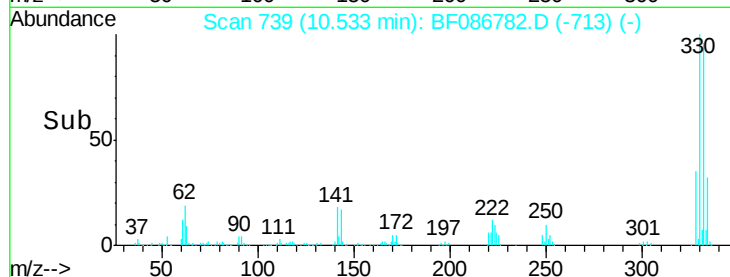
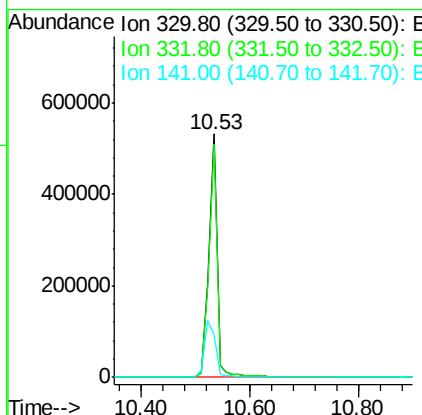
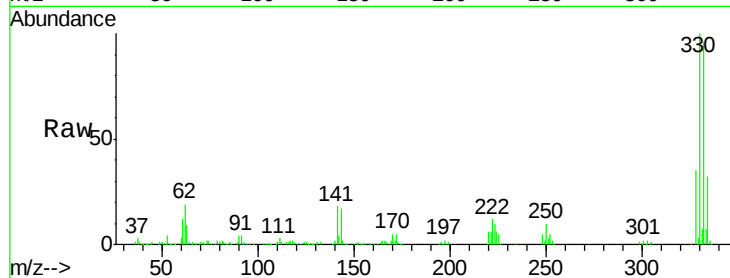




#41
 2,4,6-Tribromophenol
 Concen: 175.22 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086782.D
 Acq: 7 May 2016 19:06

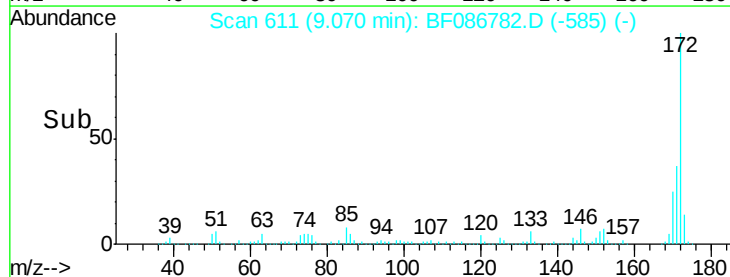
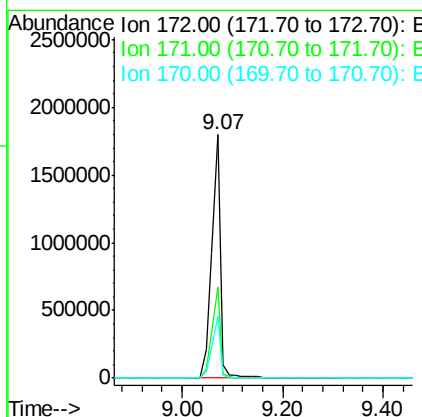
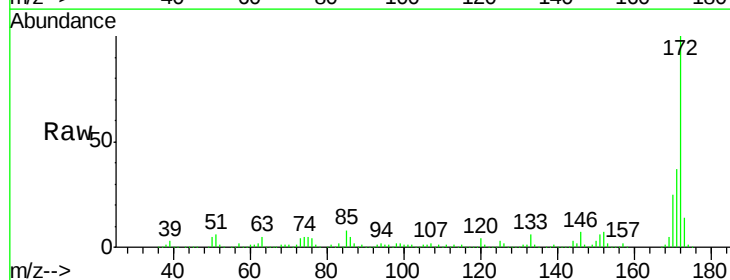
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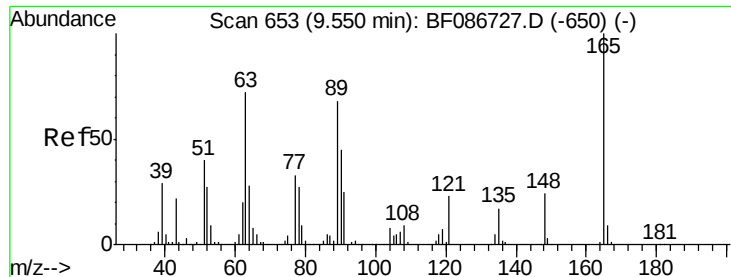
Tgt Ion:330 Resp: 566421
 Ion Ratio Lower Upper
 330 100
 332 95.8 79.0 118.4
 141 31.0 31.2 46.8#



#44
 2-Fluorobiphenyl
 Concen: 108.07 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086782.D
 Acq: 7 May 2016 19:06

Tgt Ion:172 Resp: 2178574
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.0 43.6
 170 25.2 19.8 29.8

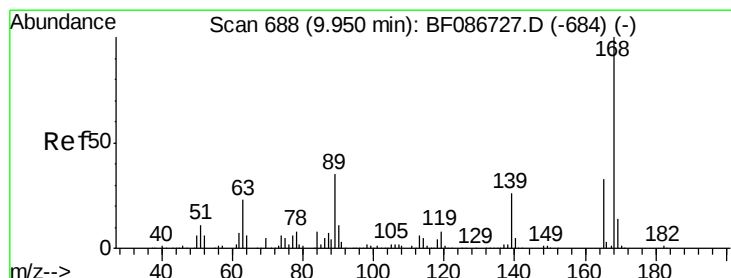
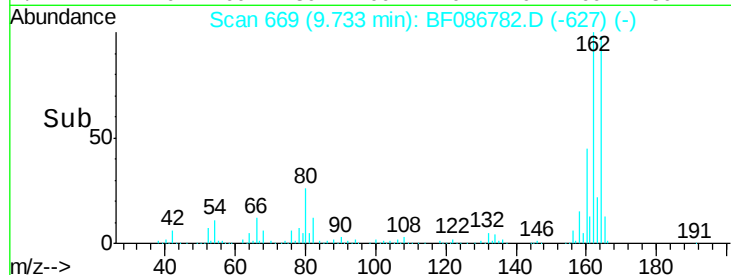
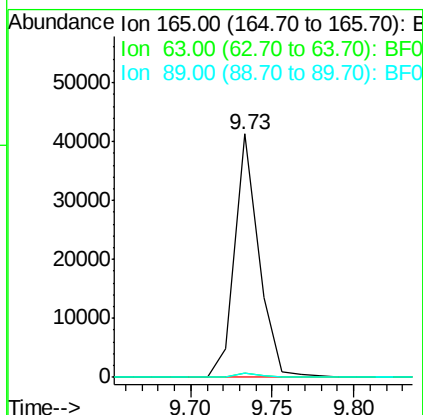
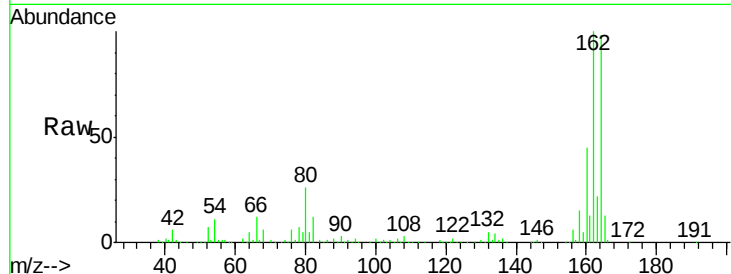




#50
 2,6-Dinitrotoluene
 Concen: 7.96 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF086782.D
 Acq: 7 May 2016 19:06

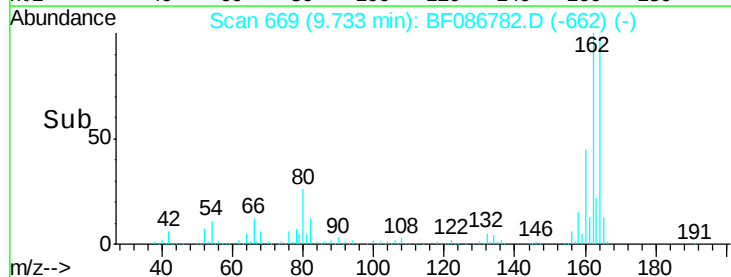
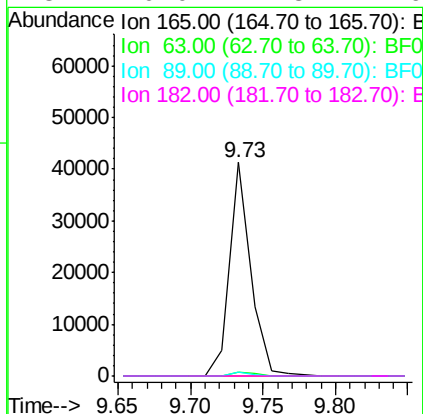
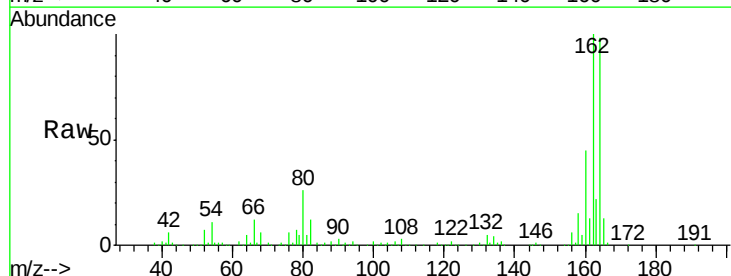
Instrument :
 BNA_F
 ClientSampled :
 URSMW-08

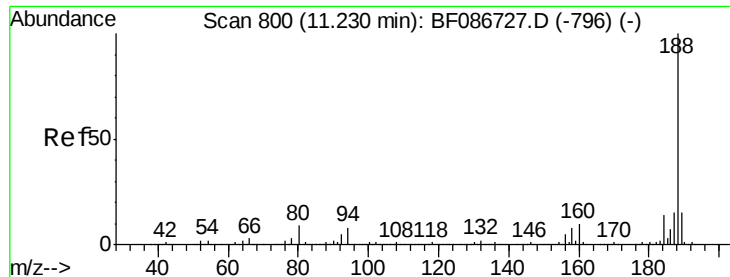
Tgt Ion:165 Resp: 42108
 Ion Ratio Lower Upper
 165 100
 63 1.8 51.8 77.8#
 89 1.8 50.7 76.1#



#56
 2,4-Dinitrotoluene
 Concen: 6.43 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF086782.D
 Acq: 7 May 2016 19:06

Tgt Ion:165 Resp: 42109
 Ion Ratio Lower Upper
 165 100
 63 1.8 44.3 66.5#
 89 1.8 70.0 105.0#
 182 0.0 1.8 2.6#

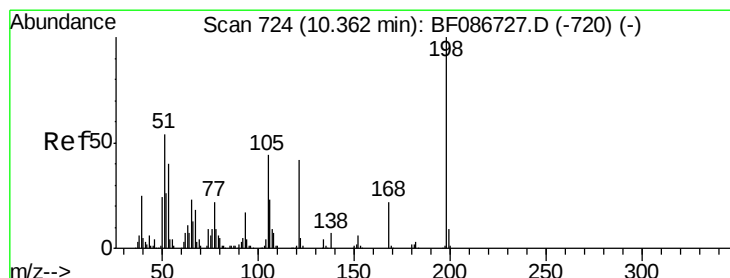
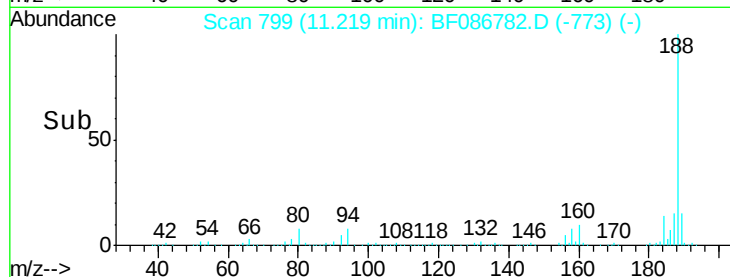
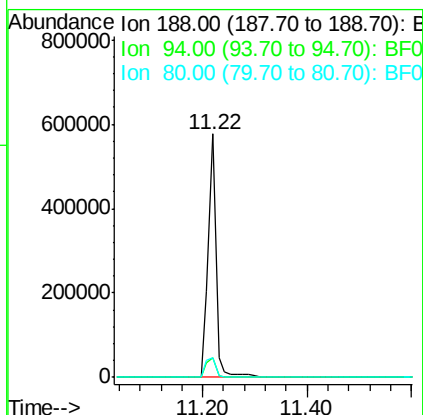
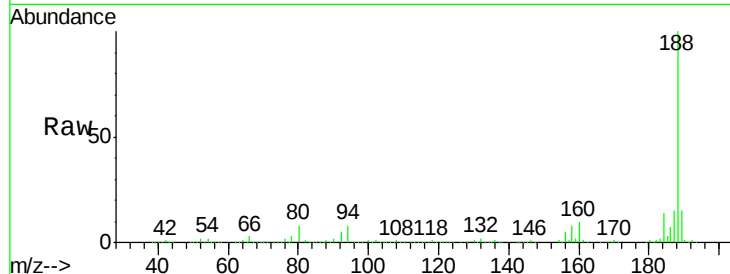




#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086782.D
 Acq: 7 May 2016 19:06

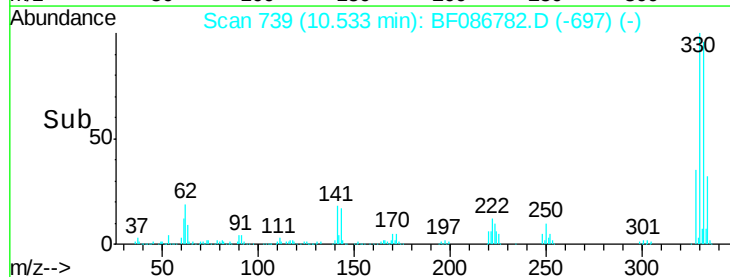
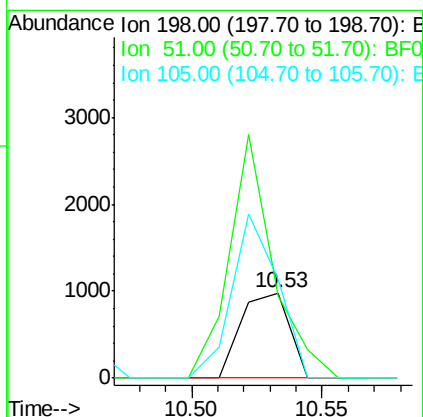
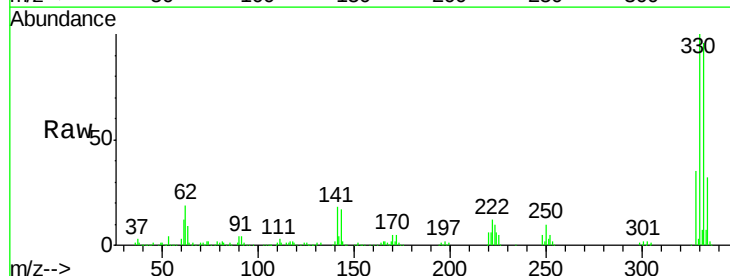
Instrument :
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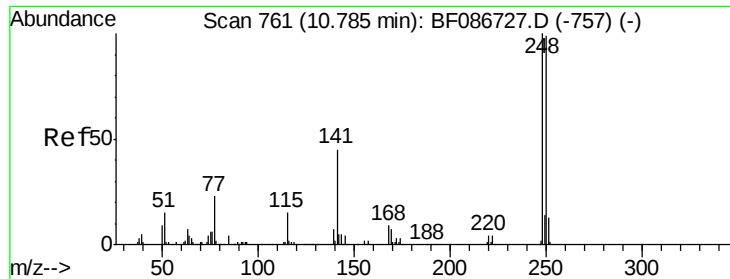
Tgt Ion:188 Resp: 611754
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.8 10.2
 80 8.3 7.1 10.7



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.68 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.18 min
 Lab File: BF086782.D
 Acq: 7 May 2016 19:06

Tgt Ion:198 Resp: 1271
 Ion Ratio Lower Upper
 198 100
 51 95.8 20.5 60.5#
 105 115.1 24.5 64.5#

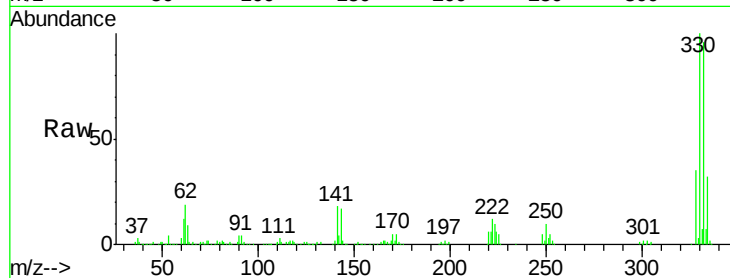




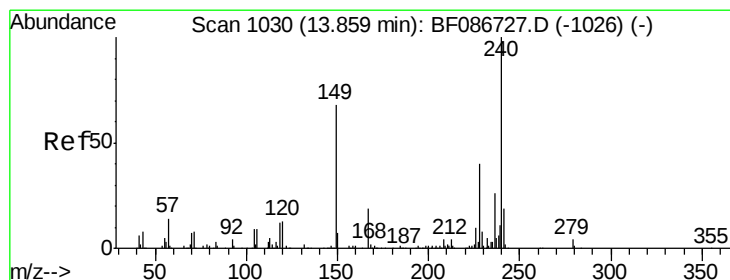
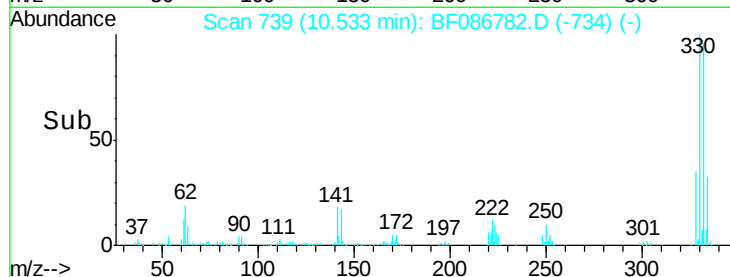
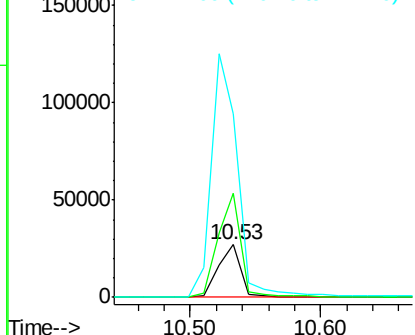
#66
4-Bromophenyl-phenylether
Concen: 5.42 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.24 min
Lab File: BF086782.D
Acq: 7 May 2016 19:06

Instrument :
BNA_F
ClientSampleId :
URSMW-08

Tgt Ion:248 Resp: 32976
Ion Ratio Lower Upper
248 100
250 199.3 78.6 117.8#
141 351.6 76.0 114.0#

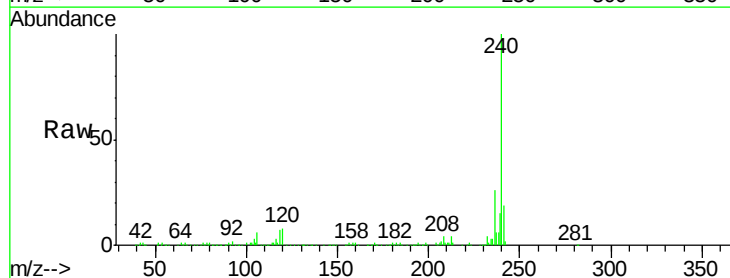


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

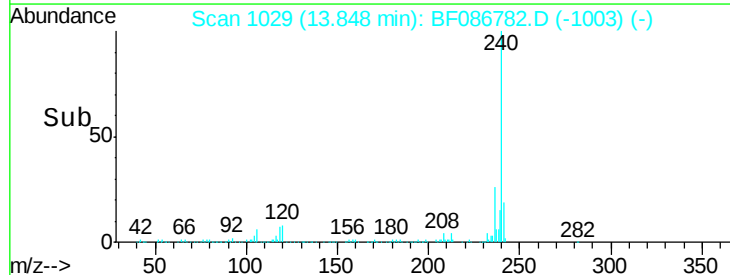
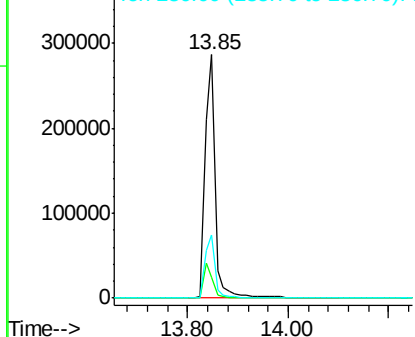


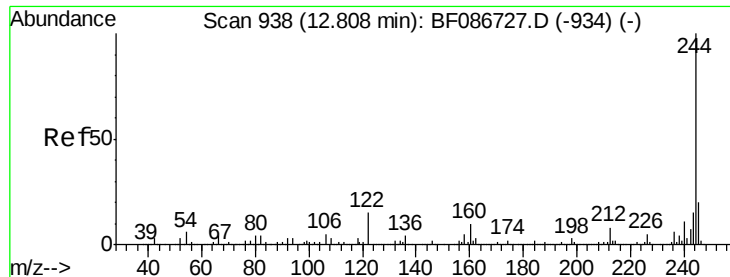
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086782.D
Acq: 7 May 2016 19:06

Tgt Ion:240 Resp: 400043
Ion Ratio Lower Upper
240 100
120 8.4 11.2 16.8#
236 26.1 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

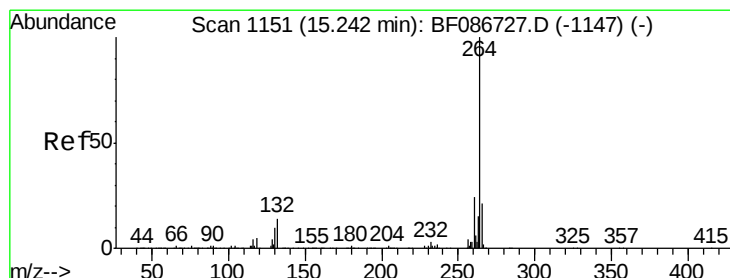
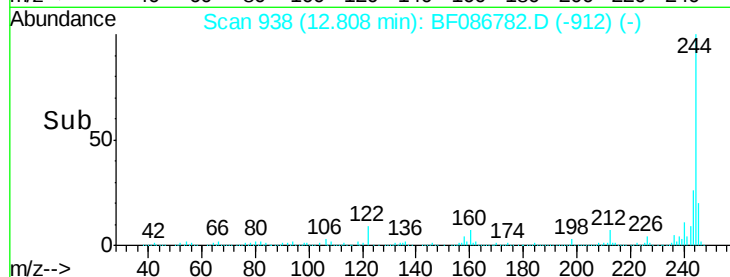
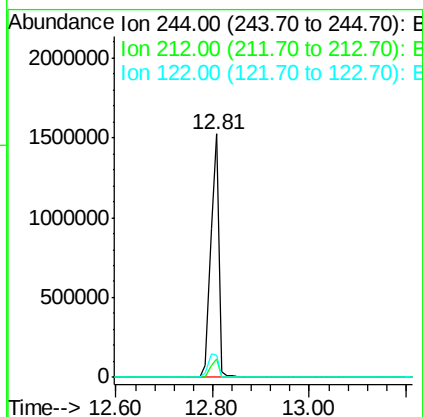
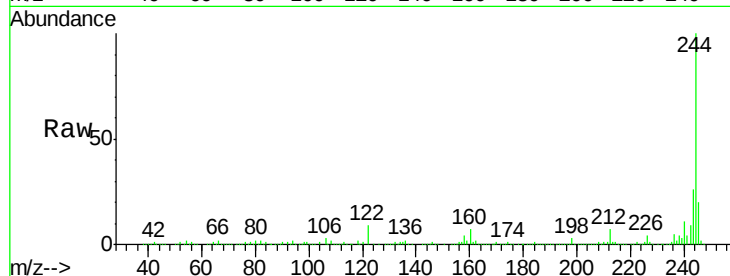




#78
 Terphenyl-d14
 Concen: 91.42 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF086782.D
 Acq: 7 May 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-08

Tgt Ion:244 Resp: 1809511
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 9.1 12.0 18.0#



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF086782.D
 Acq: 7 May 2016 19:06

Tgt Ion:264 Resp: 312695
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.0 17.3 25.9

