

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050616\
 Data File : BF086750.D
 Acq On : 7 May 2016 3:44
 Operator : UM/SJ
 Sample : PB90362BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 07 04:49:28 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 03:18:46 2016
 Response via : Initial Calibration

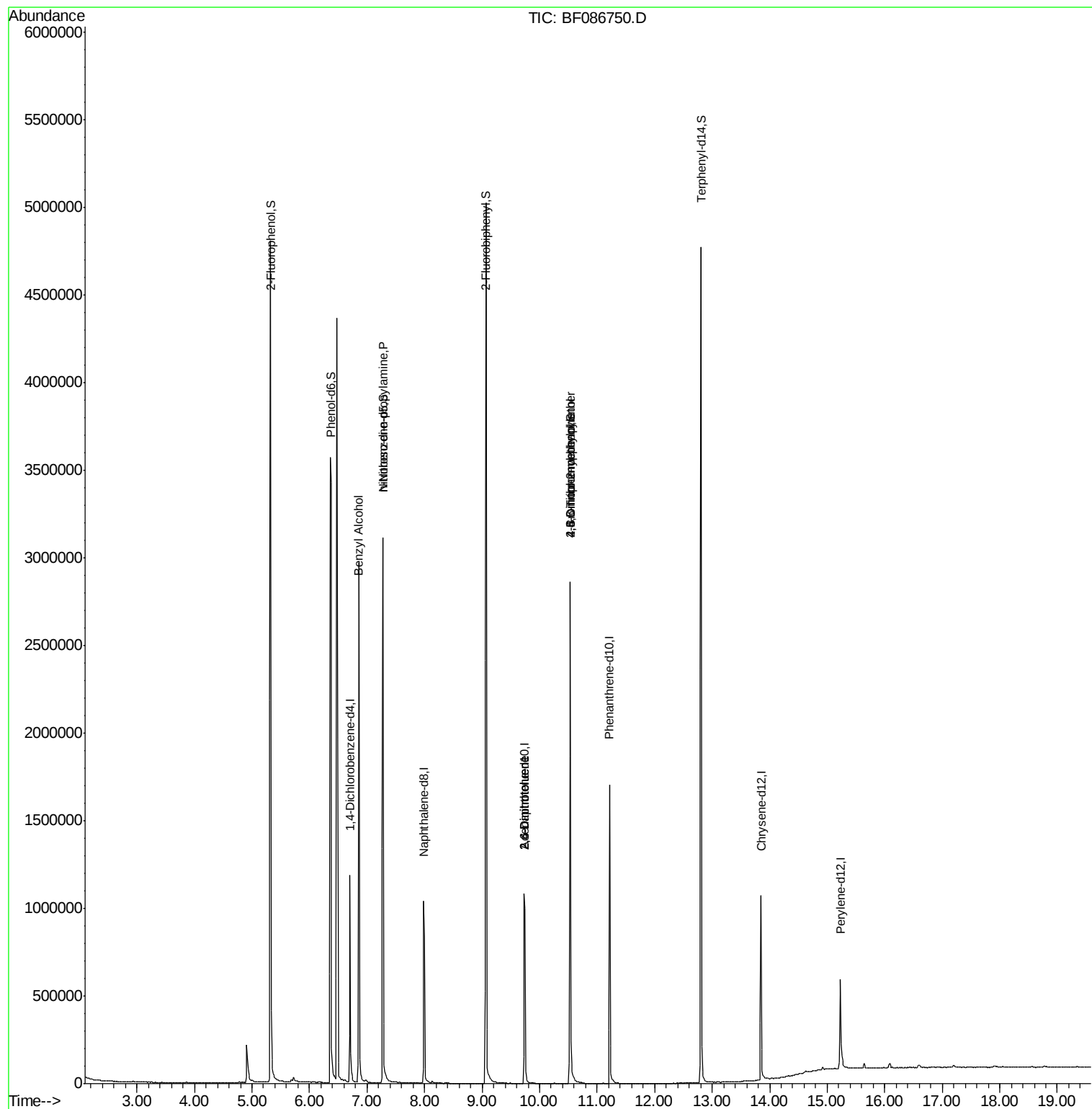
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	173943	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	694874	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	334478	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	644082	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	431978	40.00	ng	-0.01
86) Perylene-d12	15.23	264	319215	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1279480	121.77	ng	0.00
7) Phenol-d6	6.37	99	1753705	123.91	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1096557	81.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	444299	135.79	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1836310	89.99	ng	-0.01
78) Terphenyl-d14	12.81	244	1618795	75.74	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.85	79	19321	2.11	ng	# 44
19) n-Nitroso-di-n-propylamine	7.28	70	155721	16.10	ng	# 73
50) 2,6-Dinitrotoluene	9.73	165	41053	7.67	ng	# 21
56) 2,4-Dinitrotoluene	9.73	165	41260	6.22	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.53	198	1086	5.59	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	27926	4.36	ng	# 1

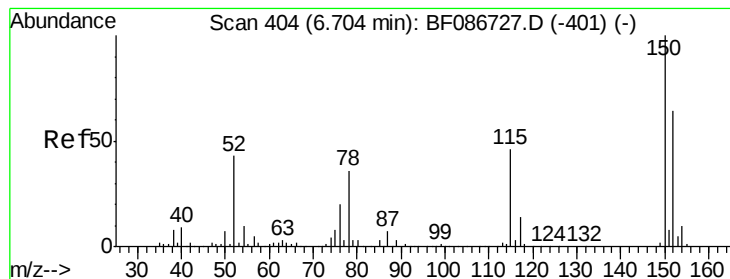
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086750.D

Acq: 7 May 2016 3:44

Instrument :

BNA_F

ClientSampleId :

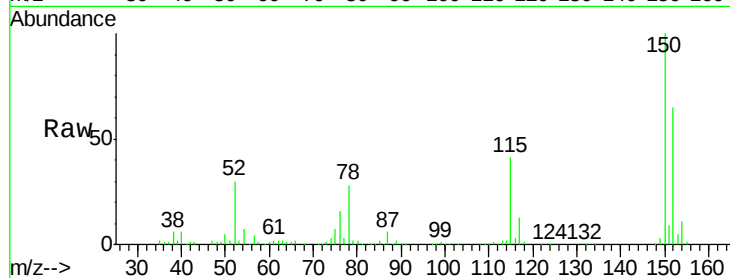
Tot Ion:152 Resp: 173943

Ion Ratio Lower Upper

152 100

150 154.5 125.8 188.6

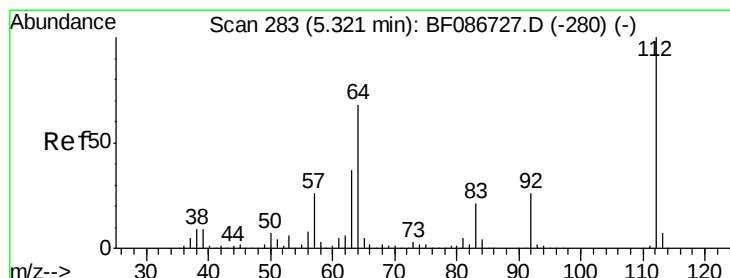
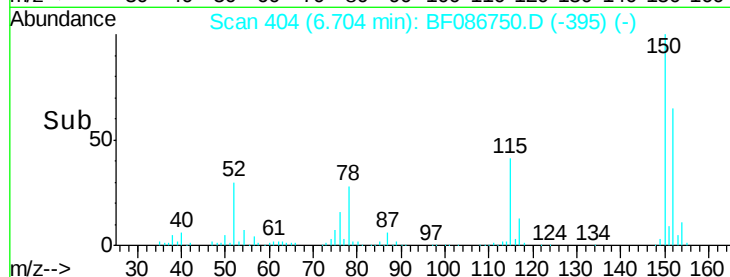
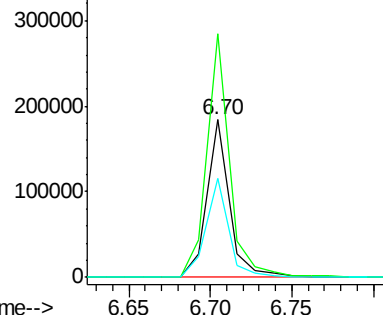
115 62.9 51.5 77.3



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: 121.77 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086750.D

Acq: 7 May 2016 3:44

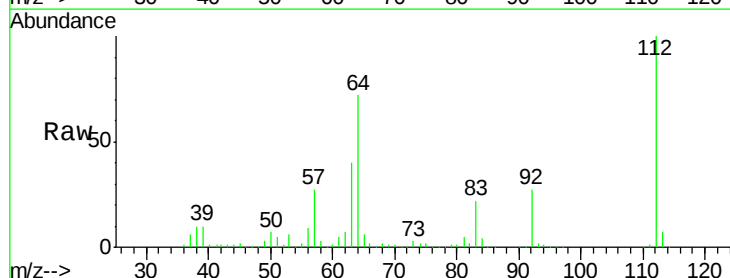
Tgt Ion:112 Resp: 1279480

Ion Ratio Lower Upper

112 100

64 72.4 52.1 78.1

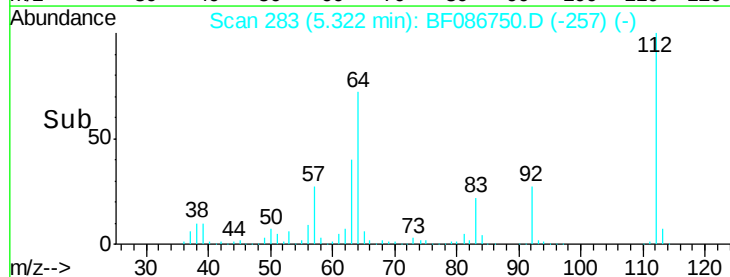
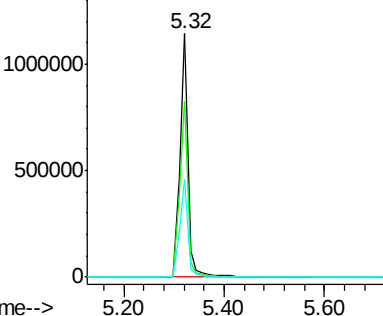
63 40.1 25.7 38.5#

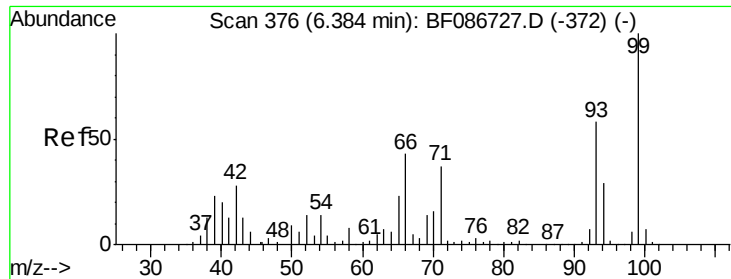


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.91 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086750.D

Acq: 7 May 2016 3:44

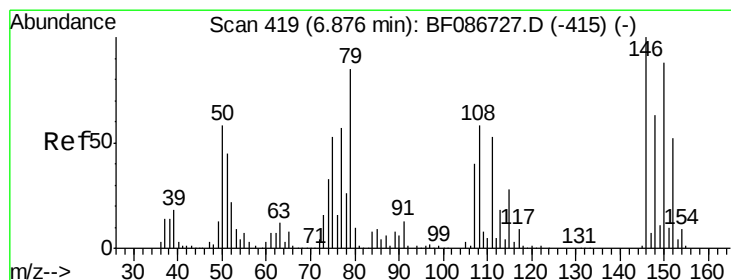
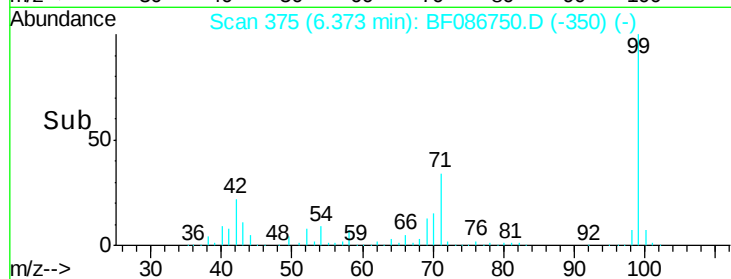
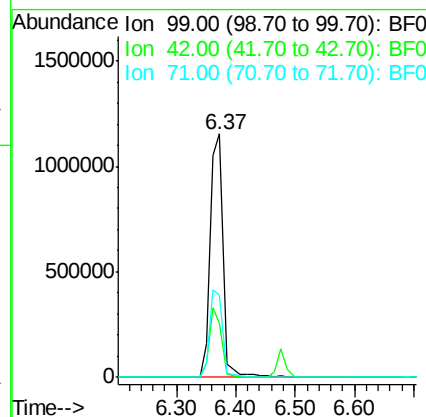
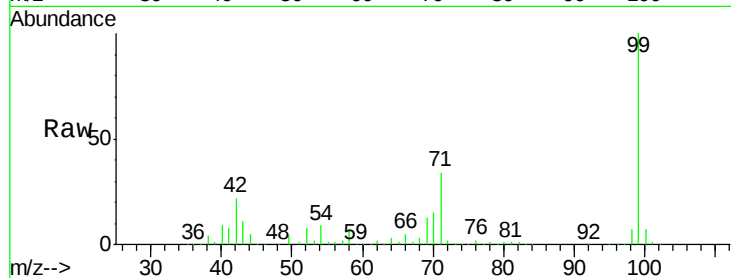
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1753705

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.6	20.4#
71	33.8	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 6.85 min Scan# 417

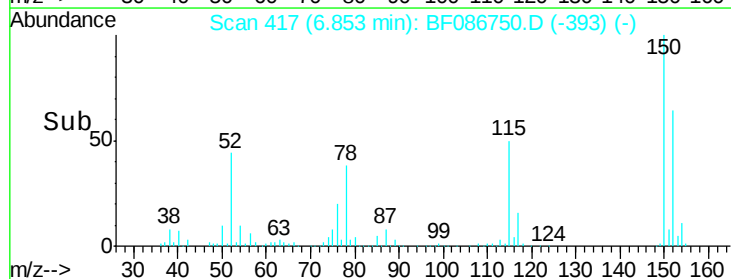
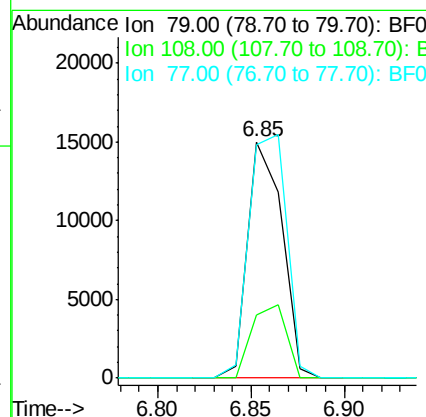
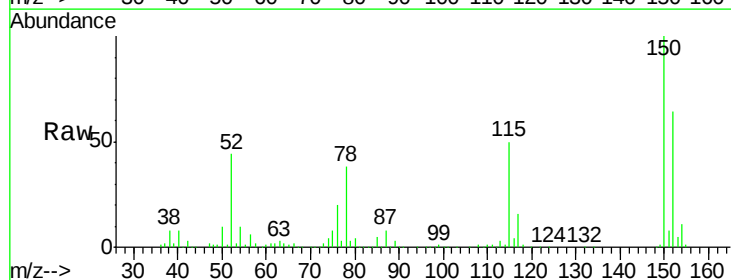
Delta R.T. -0.02 min

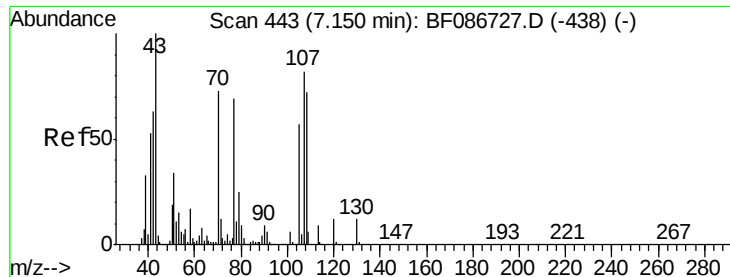
Lab File: BF086750.D

Acq: 7 May 2016 3:44

Tgt Ion: 79 Resp: 19321

Ion	Ratio	Lower	Upper
79	100		
108	26.5	68.4	102.6#
77	98.6	50.6	76.0#

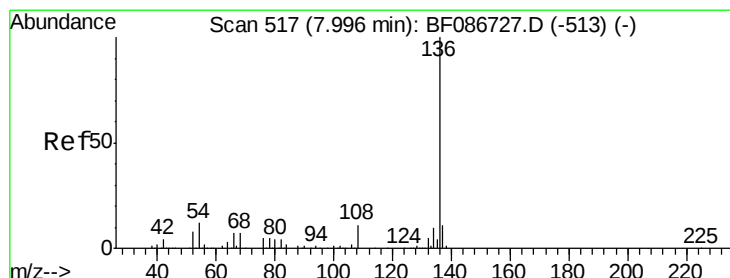
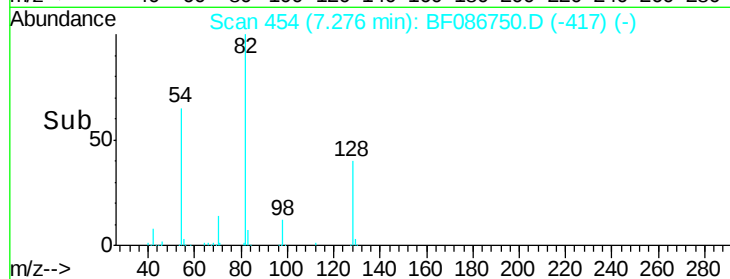
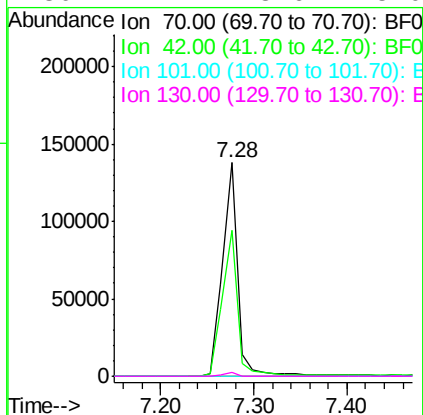
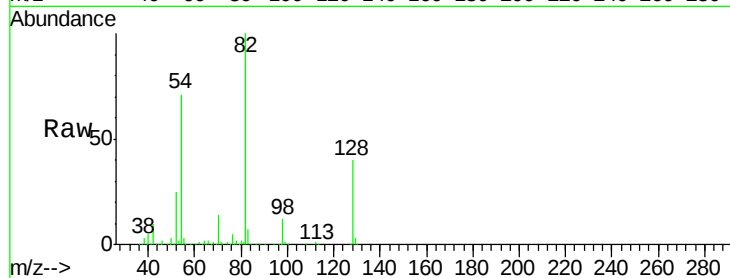




#19
n-Nitroso-di-n-propylamine
Concen: 16.10 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF086750.D
Acq: 7 May 2016 3:44

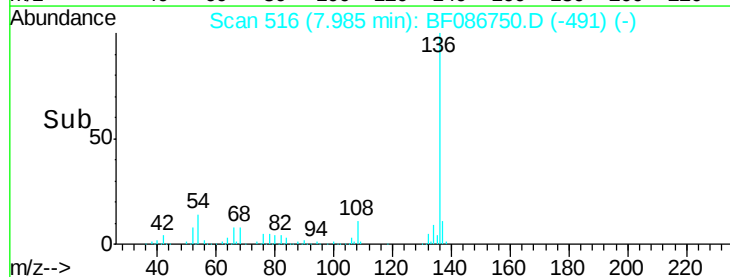
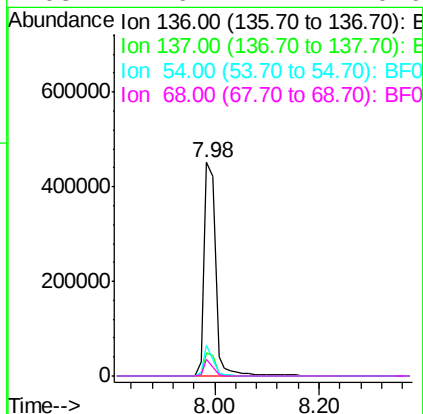
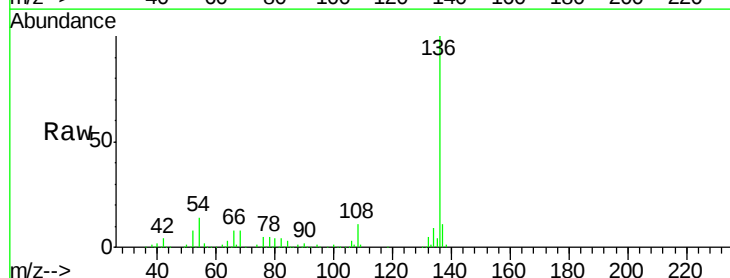
Instrument :
BNA_F
ClientSampleId :

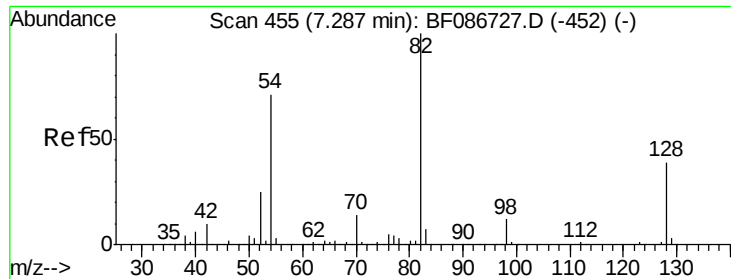
Tot Ion: 70 Resp: 155721
Ion Ratio Lower Upper
70 100
42 68.4 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF086750.D
Acq: 7 May 2016 3:44

Tgt Ion: 136 Resp: 694874
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 14.5 5.0 7.4#
68 7.6 4.4 6.6#

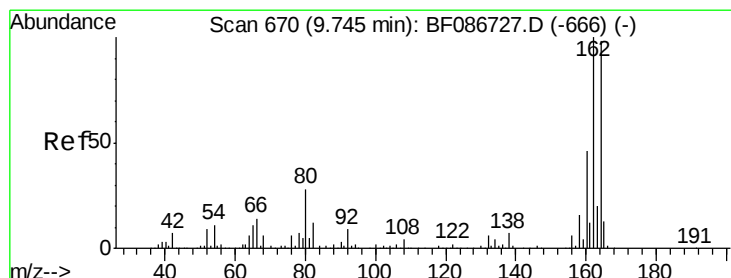
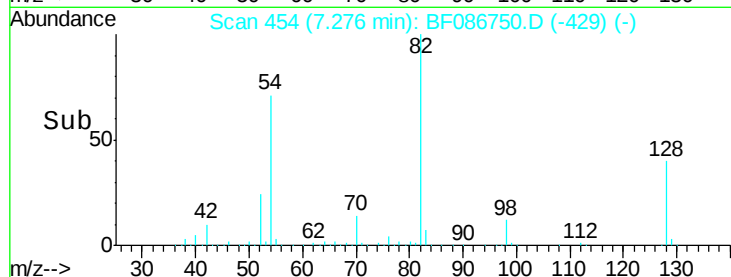
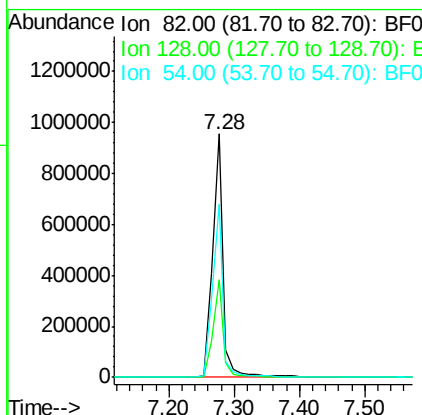
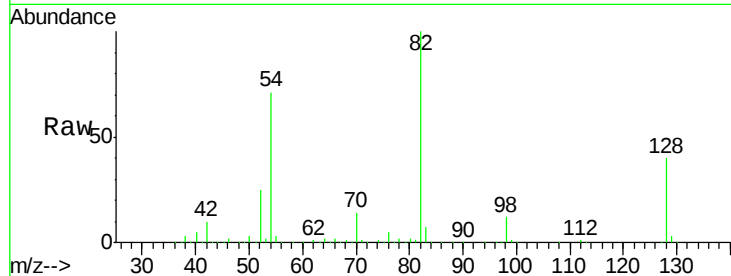




#23
 Nitrobenzene-d5
 Concen: 81.09 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

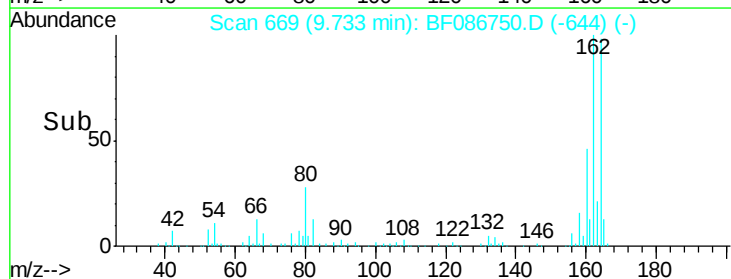
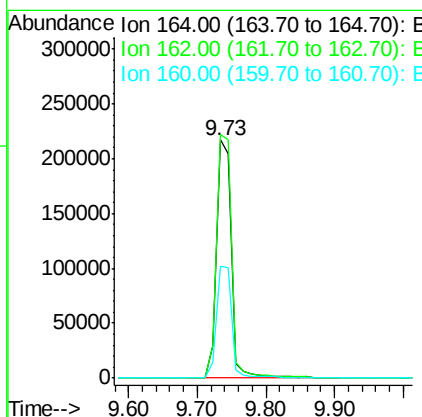
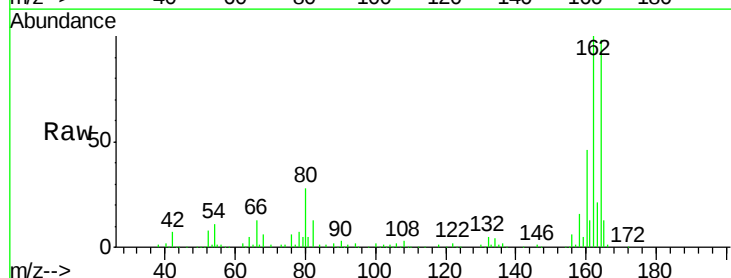
Instrument :
 BNA_F
 ClientSampleId :

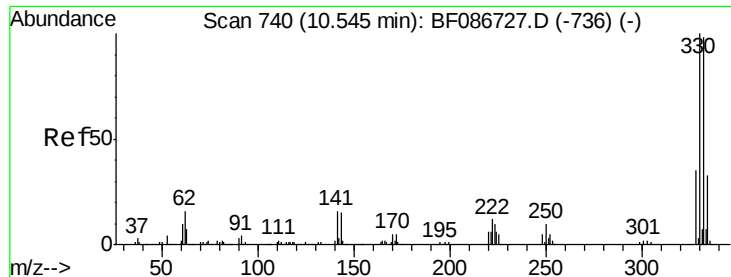
Tot Ion: 82 Resp: 1096557
 Ion Ratio Lower Upper
 82 100
 128 40.1 40.6 61.0#
 54 70.9 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

Tgt Ion:164 Resp: 334478
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.8 124.2
 160 47.0 36.9 55.3

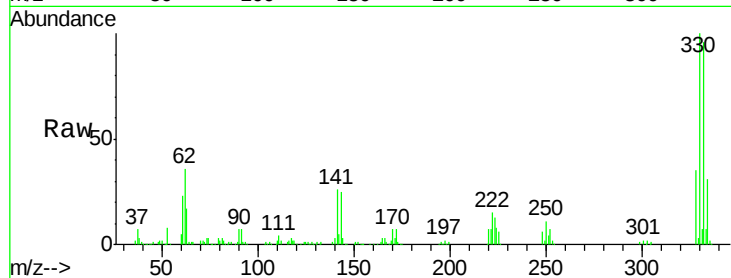




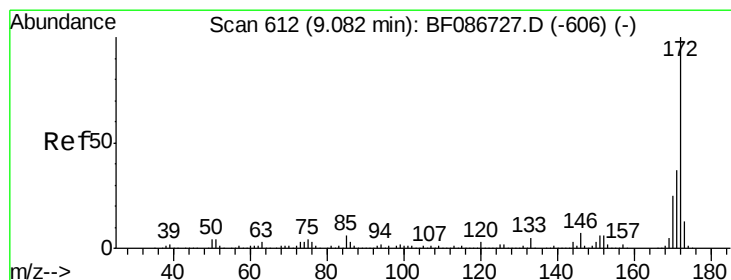
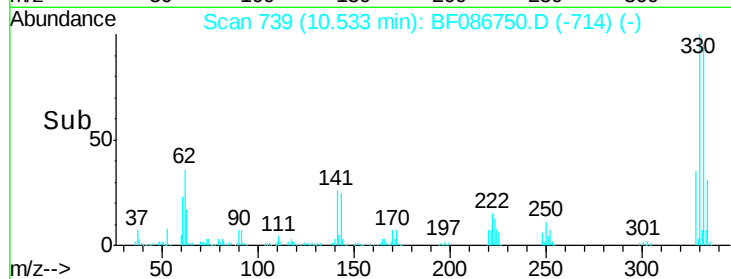
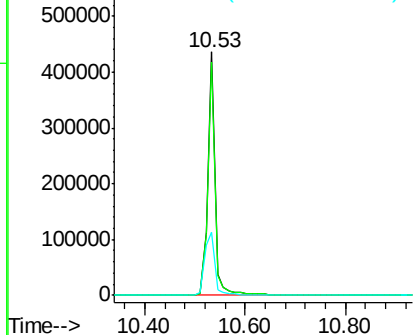
#41
 2,4,6-Tribromophenol
 Concen: 135.79 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 444299
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 36.5 31.2 46.8

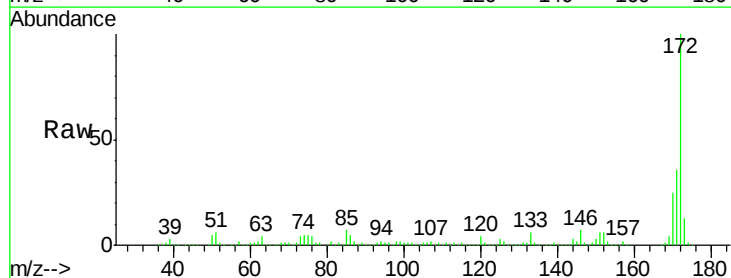


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

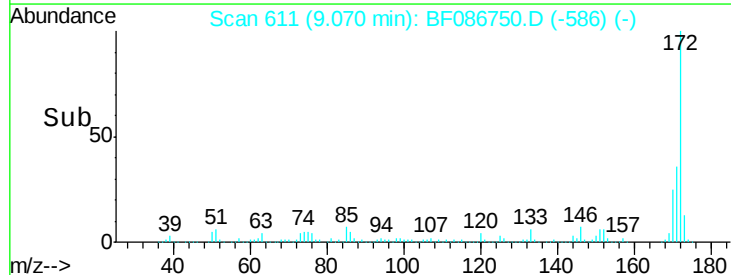
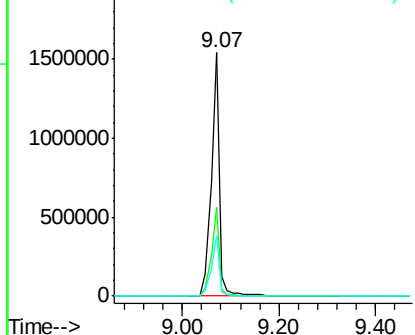


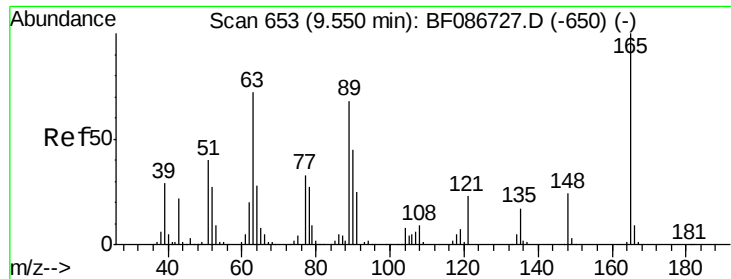
#44
 2-Fluorobiphenyl
 Concen: 89.99 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

Tgt Ion:172 Resp: 1836310
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.9 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: 7.67 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.18 min

Lab File: BF086750.D

Acq: 7 May 2016 3:44

Instrument :

BNA_F

ClientSampleId :

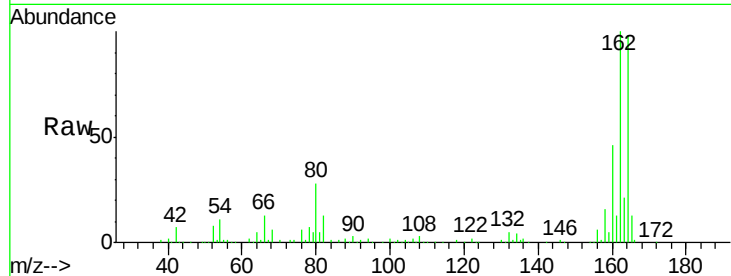
Tot Ion:165 Resp: 41053

Ion Ratio Lower Upper

165 100

63 2.2 51.8 77.8#

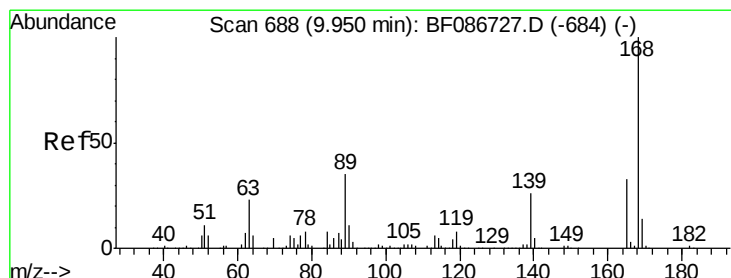
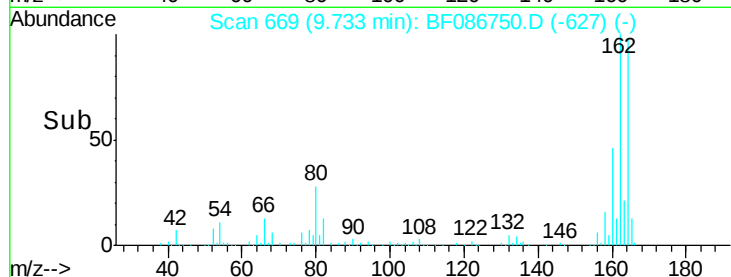
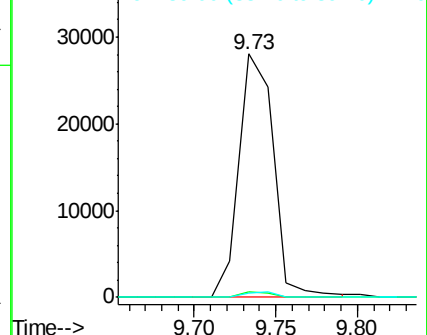
89 1.8 50.7 76.1#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.22 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.22 min

Lab File: BF086750.D

Acq: 7 May 2016 3:44

Tgt Ion:165 Resp: 41260

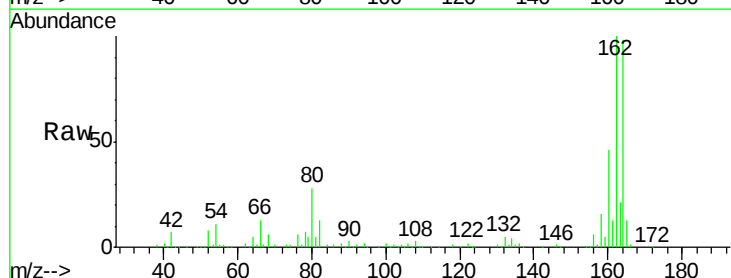
Ion Ratio Lower Upper

165 100

63 2.2 44.3 66.5#

89 1.8 70.0 105.0#

182 0.0 1.8 2.6#

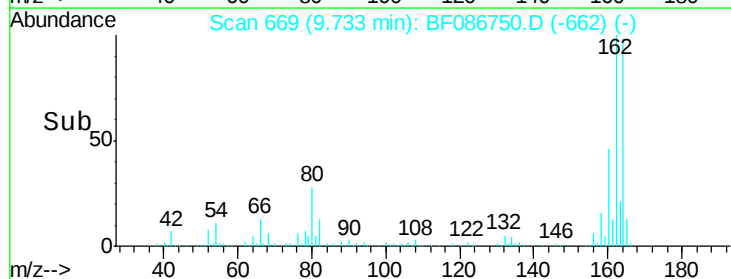
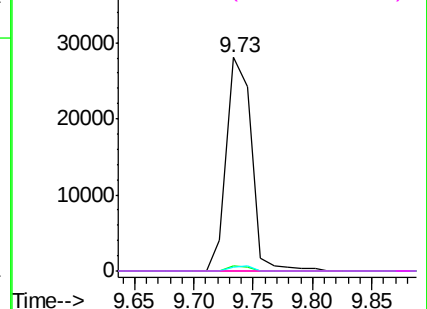


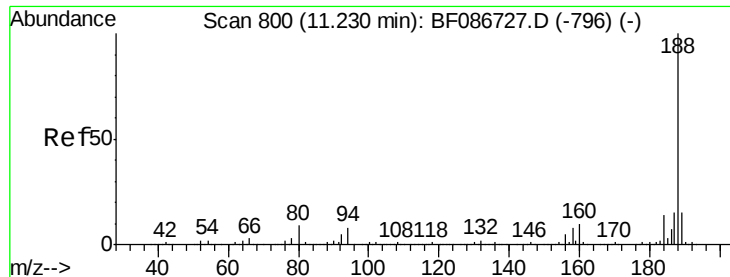
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

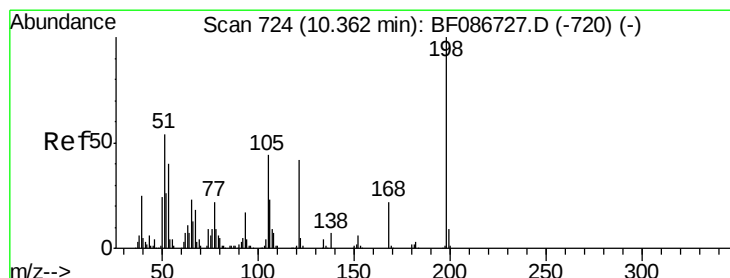
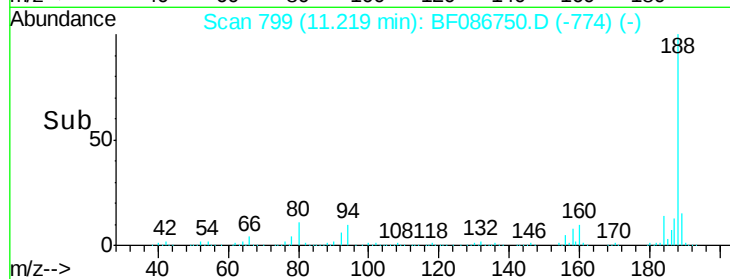
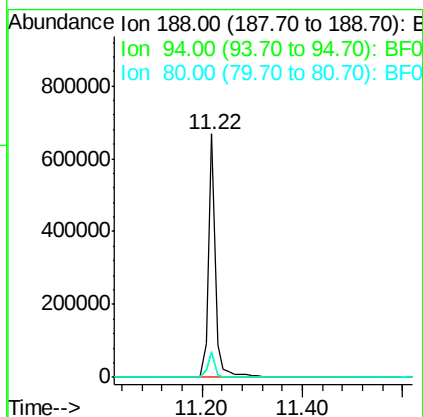
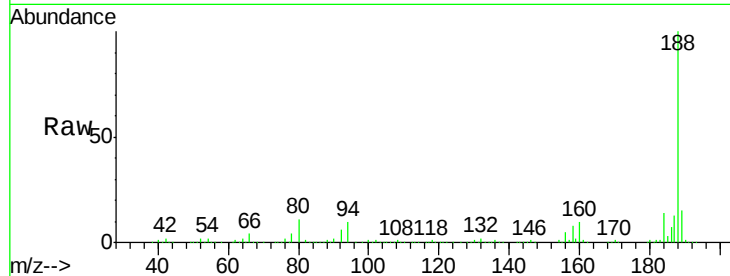




#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

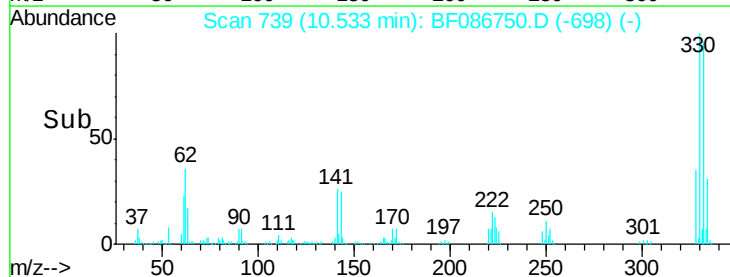
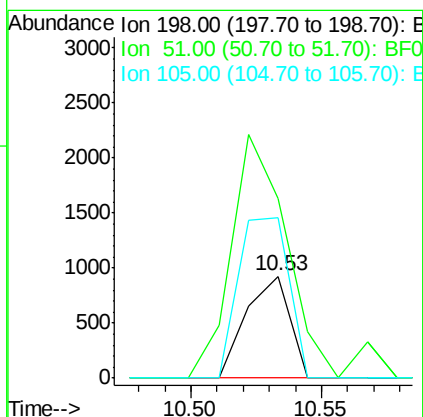
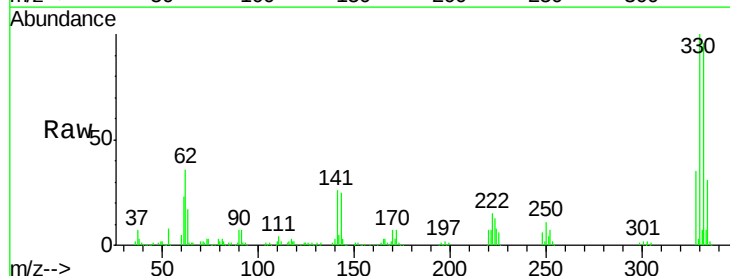
Instrument :
 BNA_F
 ClientSampled :

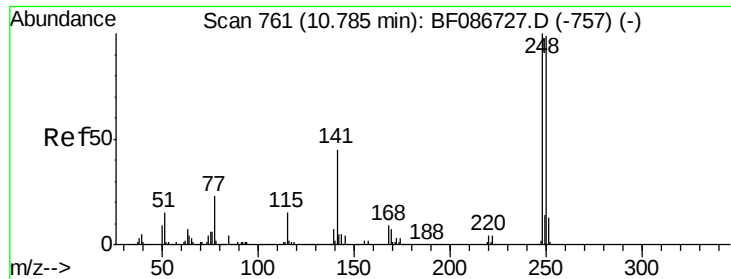
Tot Ion:188 Resp: 644082
 Ion Ratio Lower Upper
 188 100
 94 9.9 6.8 10.2
 80 10.7 7.1 10.7



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.59 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.17 min
 Lab File: BF086750.D
 Acq: 7 May 2016 3:44

Tgt Ion:198 Resp: 1086
 Ion Ratio Lower Upper
 198 100
 51 176.2 20.5 60.5#
 105 156.7 24.5 64.5#

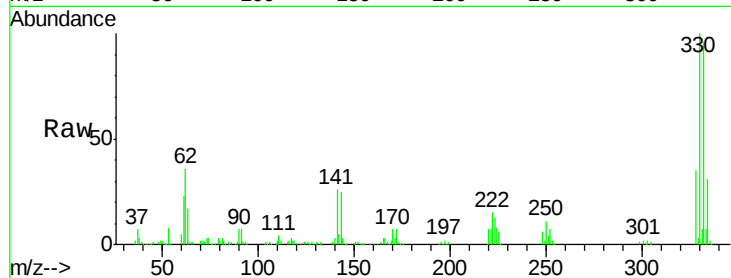




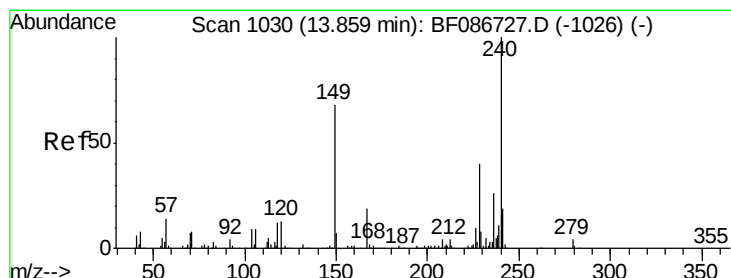
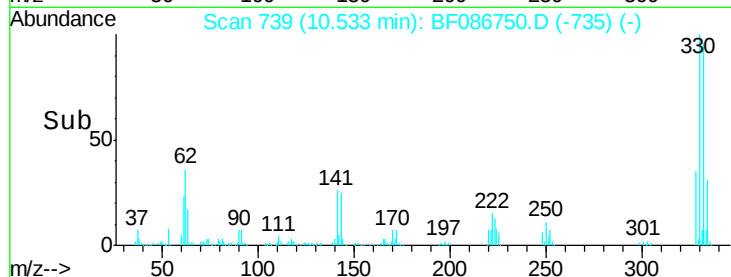
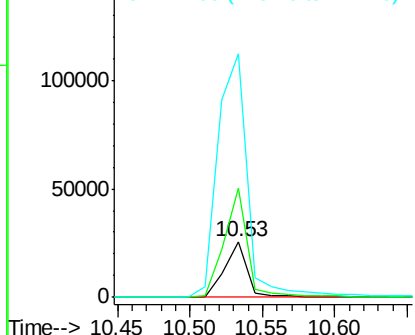
#66
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.25 min
Lab File: BF086750.D
Acq: 7 May 2016 3:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 27926
Ion Ratio Lower Upper
248 100
250 194.2 78.6 117.8#
141 435.1 76.0 114.0#

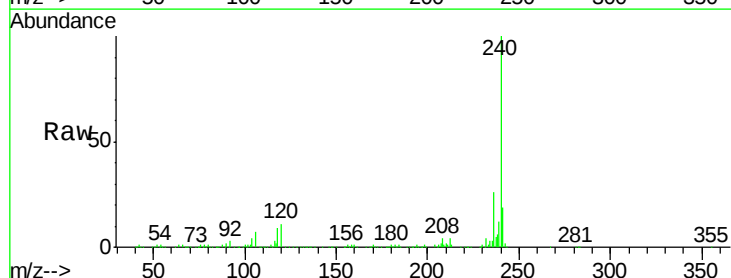


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

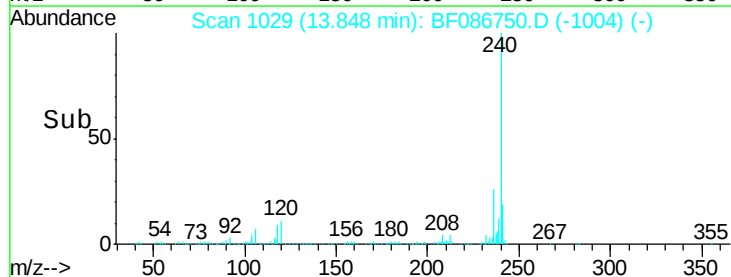
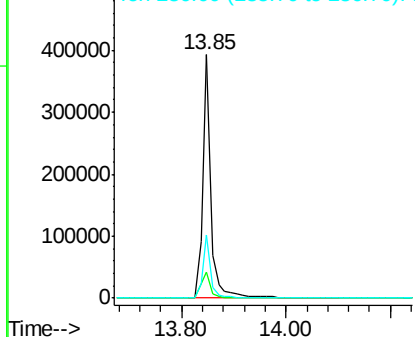


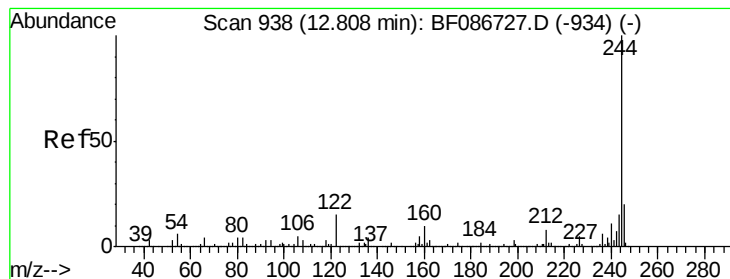
#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF086750.D
Acq: 7 May 2016 3:44

Tgt Ion:240 Resp: 431978
Ion Ratio Lower Upper
240 100
120 10.7 11.2 16.8#
236 26.2 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: 75.74 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086750.D

Acq: 7 May 2016 3:44

Instrument :

BNA_F

ClientSampleId :

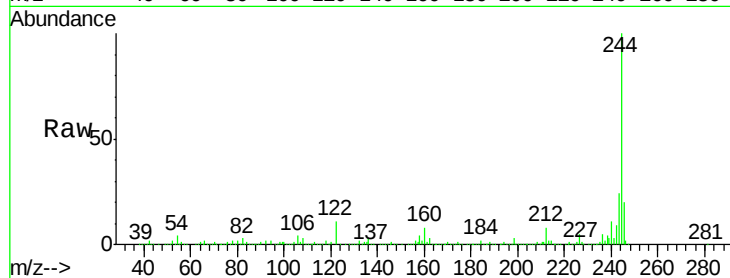
Tot Ion:244 Resp: 1618795

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

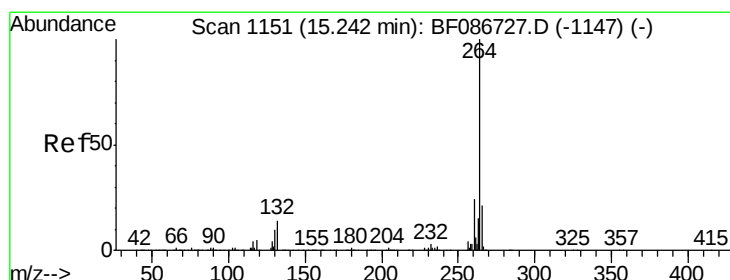
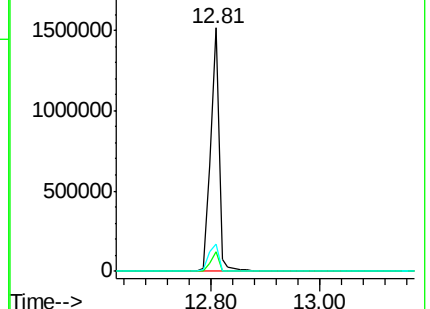
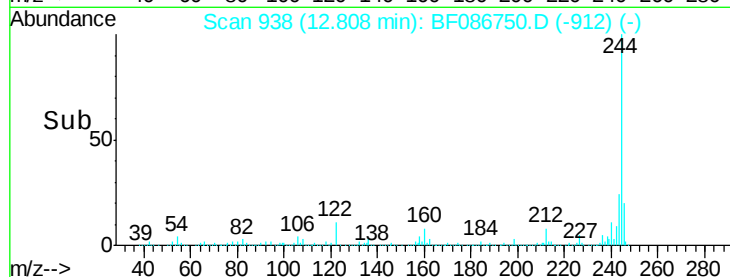
122 11.0 12.0 18.0#



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: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086750.D

Acq: 7 May 2016 3:44

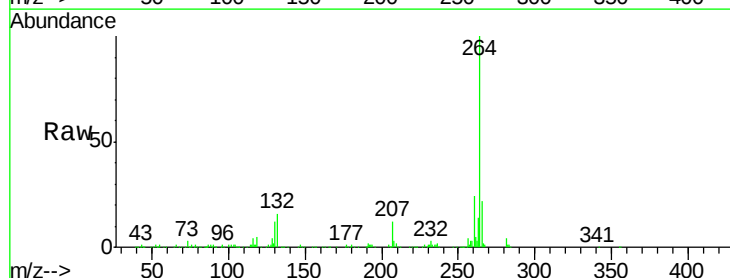
Tgt Ion:264 Resp: 319215

Ion Ratio Lower Upper

264 100

260 24.2 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

