

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086723.D
 Acq On : 5 May 2016 23:41
 Operator : UM/SJ
 Sample : H2720-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: May 06 01:17:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

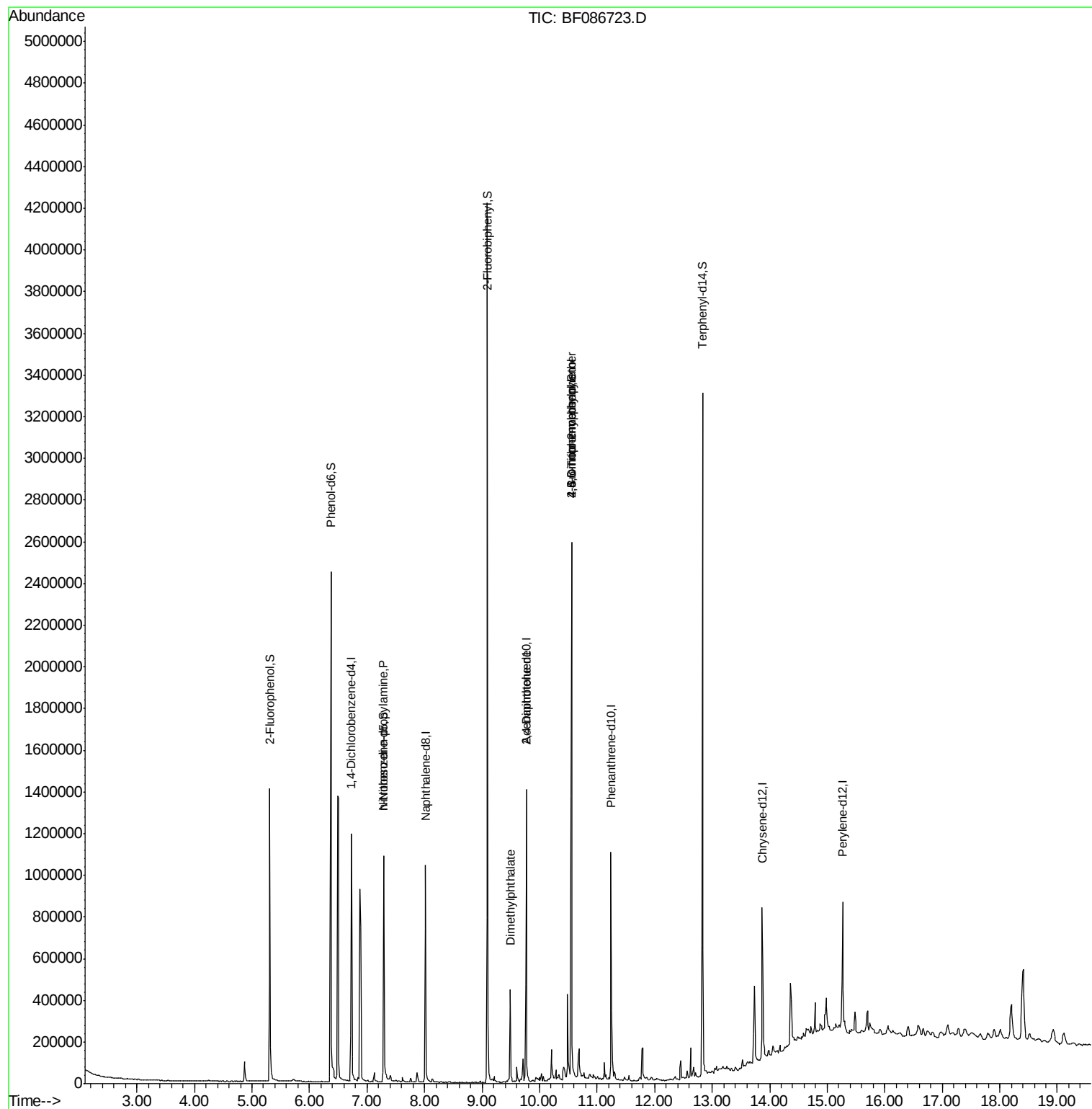
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163535	40.00	ng	-0.01
21) Naphthalene-d8	8.02	136	618190	40.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	276908	40.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	392772	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	311579	40.00	ng	-0.01
86) Perylene-d12	15.27	264	267503	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	379387	38.41	ng	-0.01
7) Phenol-d6	6.37	99	890815	66.95	ng	0.00
23) Nitrobenzene-d5	7.29	82	509919	42.39	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	325082	120.01	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1159333	68.63	ng	-0.01
78) Terphenyl-d14	12.83	244	970892	62.98	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	68852	7.57	ng	# 69
49) Dimethylphthalate	9.49	163	244266	11.83	ng	# 98
56) 2,4-Dinitrotoluene	9.77	165	35483	6.46	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.56	198	876	5.71	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	20871	5.35	ng	# 1

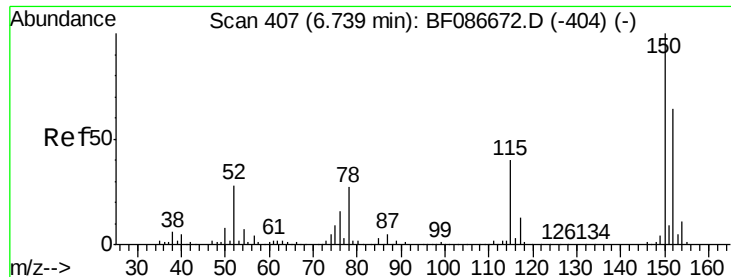
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086723.D
Acq On : 5 May 2016 23:41
Operator : UM/SJ
Sample : H2720-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP

Quant Time: May 06 01:17:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:12:53 2016
Response via : Initial Calibration



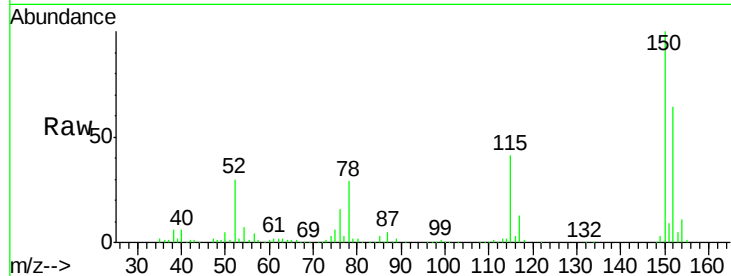


#1

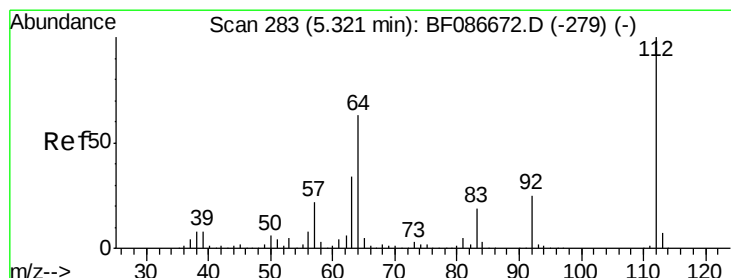
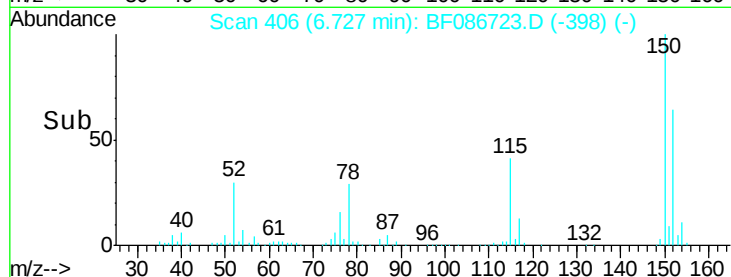
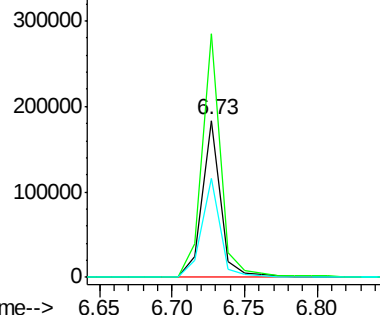
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF086723.D
Acq: 5 May 2016 23:41

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion:152 Resp: 163535
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 63.0 51.5 77.3



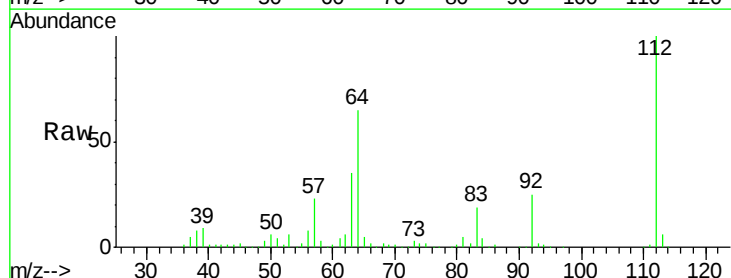
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



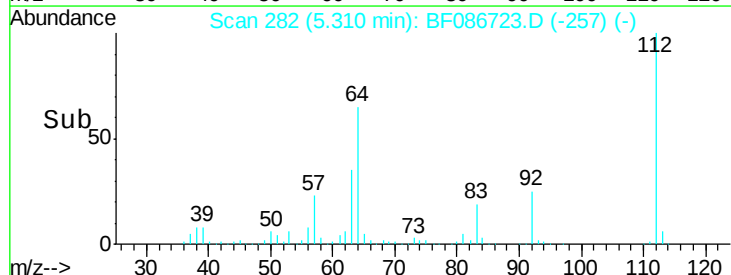
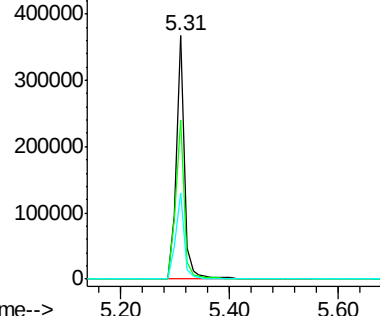
#5

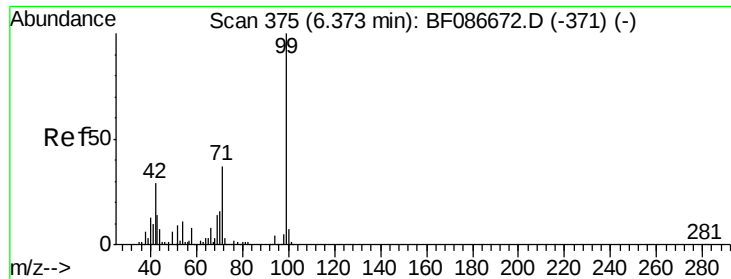
2-Fluorophenol
Concen: 38.41 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086723.D
Acq: 5 May 2016 23:41

Tgt Ion:112 Resp: 379387
Ion Ratio Lower Upper
112 100
64 65.2 52.1 78.1
63 35.5 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: 66.95 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

Instrument :

BNA_F

ClientSampleId :

DUP

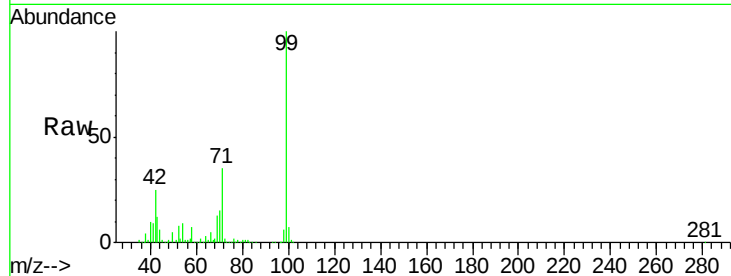
Tgt Ion: 99 Resp: 890815

Ion Ratio Lower Upper

99 100

42 24.5 13.6 20.4#

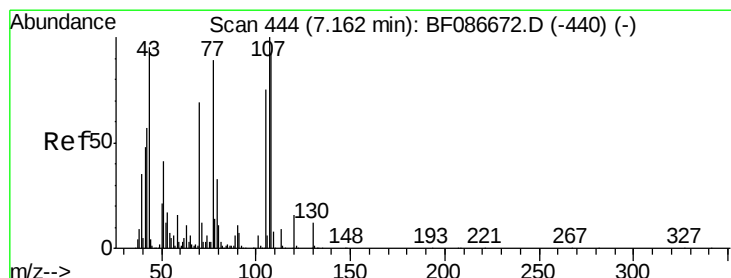
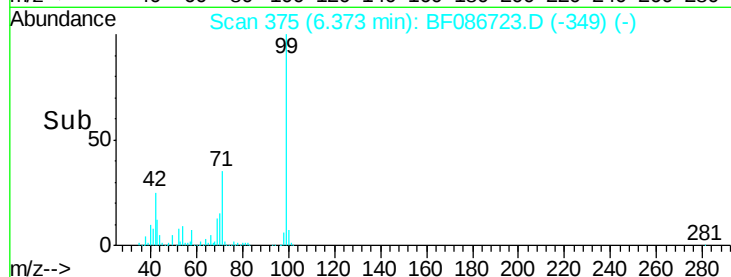
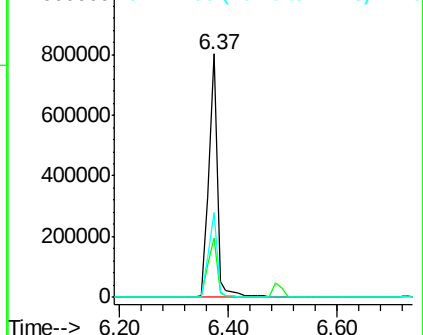
71 34.7 24.6 36.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.57 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.13 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

Tgt Ion: 70 Resp: 68852

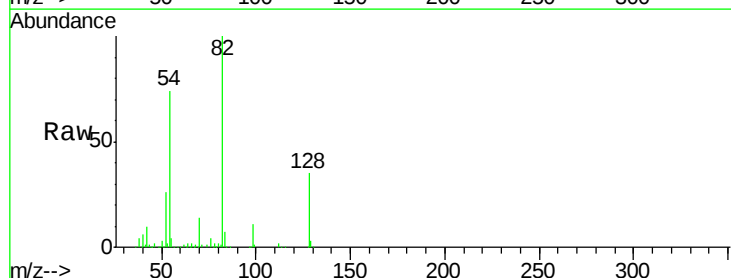
Ion Ratio Lower Upper

70 100

42 72.1 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

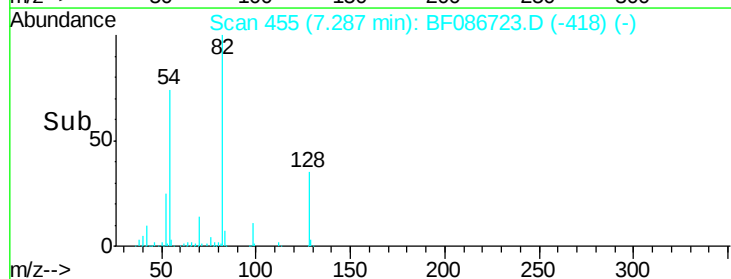
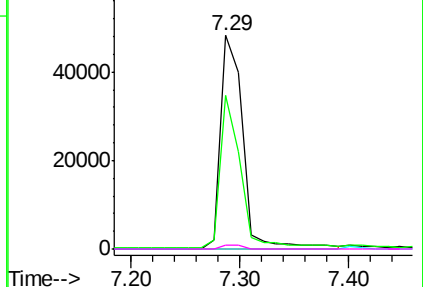


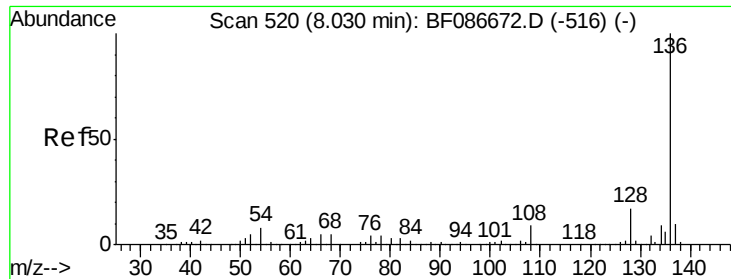
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

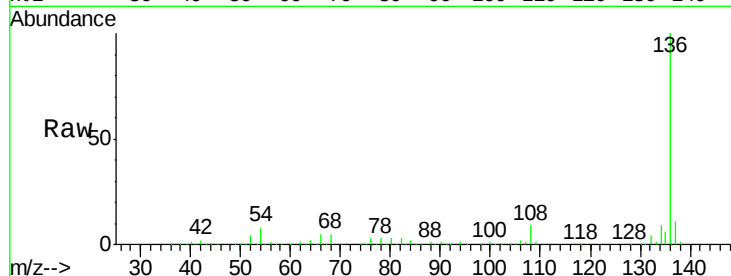




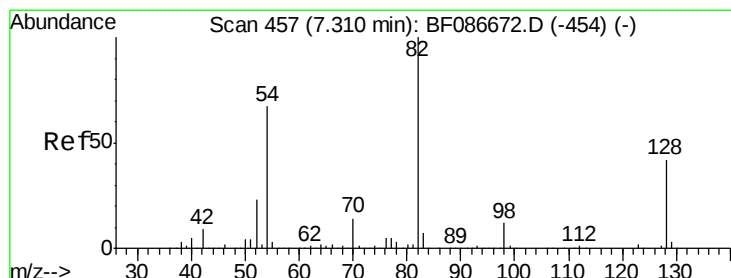
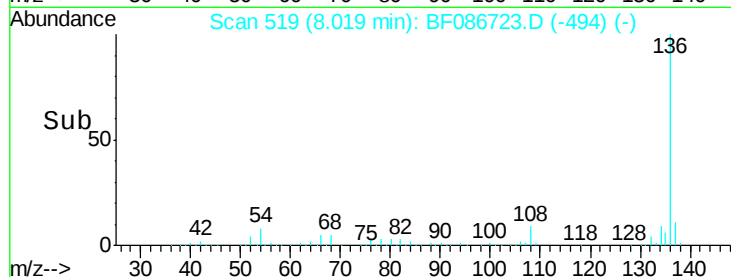
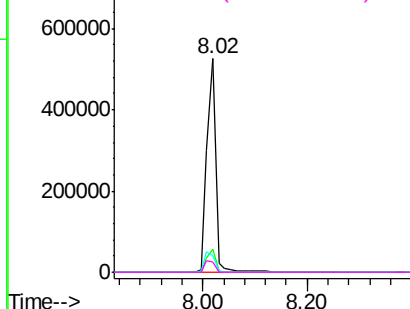
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086723.D
Acq: 5 May 2016 23:41

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion:	136	Resp:	618190
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.0	5.0	7.4#
68	4.9	4.4	6.6

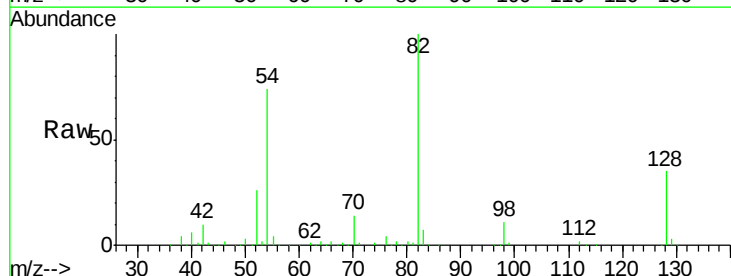


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

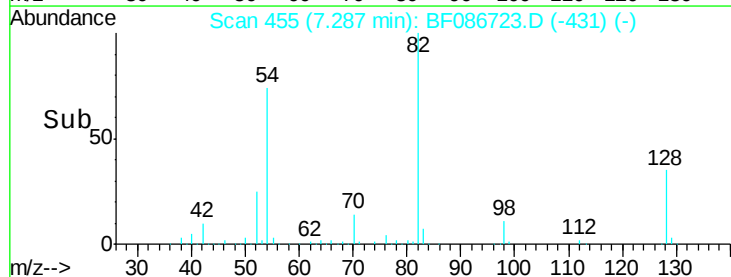
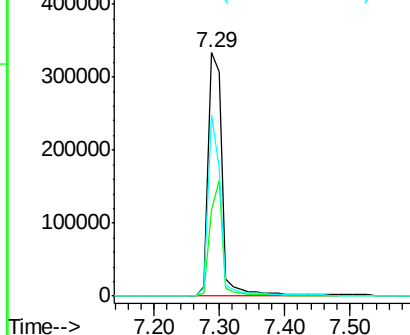


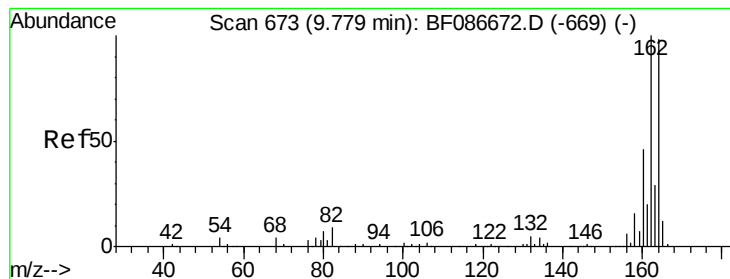
#23
Nitrobenzene-d5
Concen: 42.39 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086723.D
Acq: 5 May 2016 23:41

Tgt Ion:	82	Resp:	509919
Ion	Ratio	Lower	Upper
82	100		
128	35.5	40.6	61.0#
54	74.2	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: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

Instrument :

BNA_F

ClientSampleId :

DUP

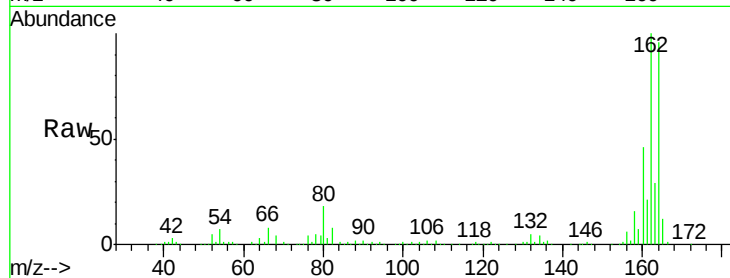
Tgt Ion:164 Resp: 276908

Ion Ratio Lower Upper

164 100

162 104.0 82.8 124.2

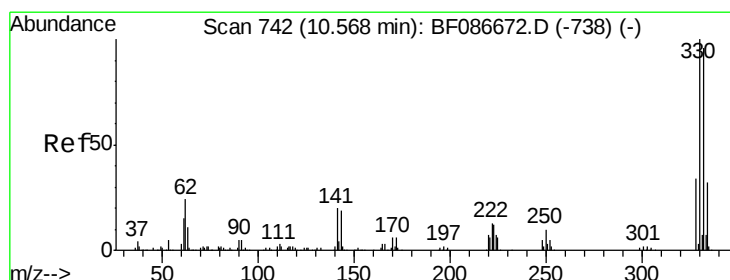
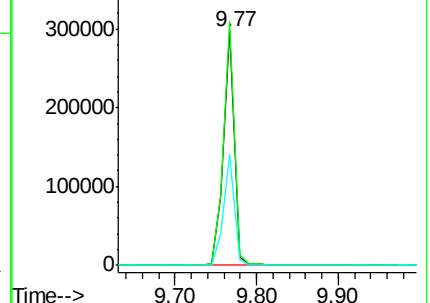
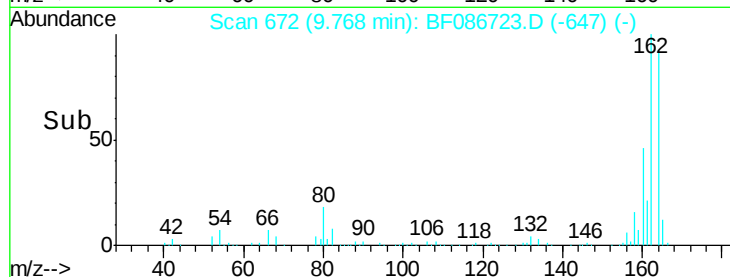
160 47.5 36.9 55.3



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: 120.01 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

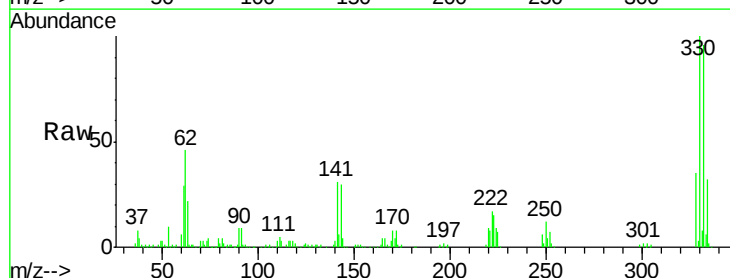
Tgt Ion:330 Resp: 325082

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

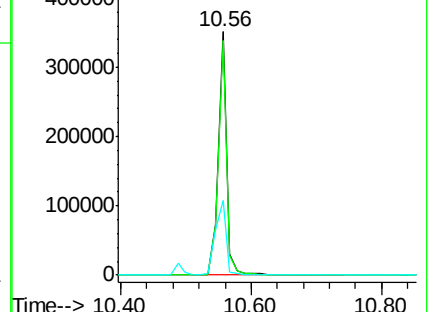
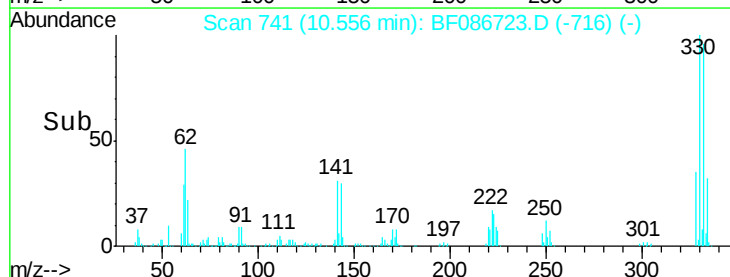
141 38.4 31.2 46.8

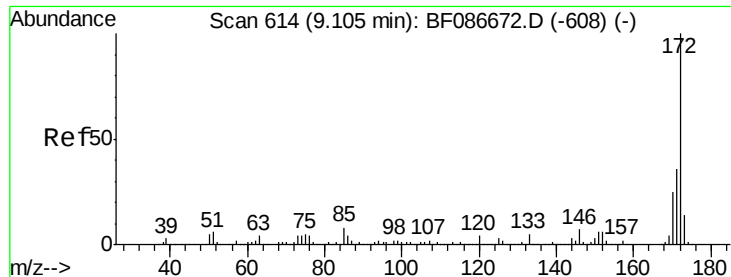


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

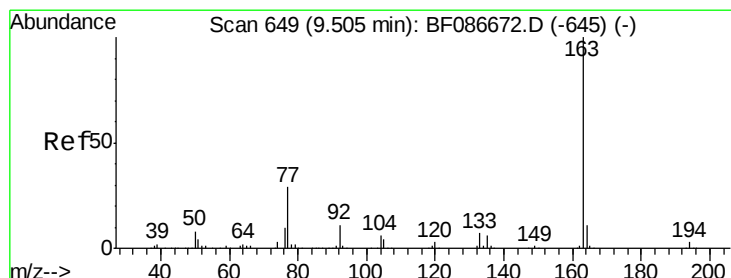
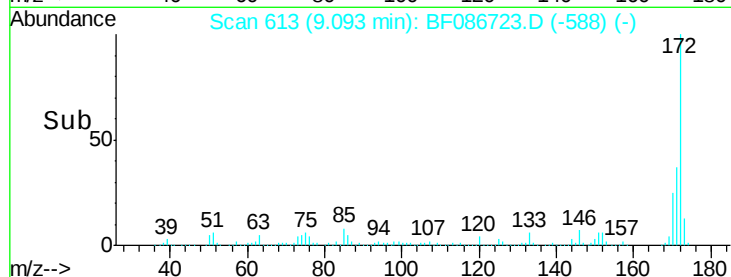
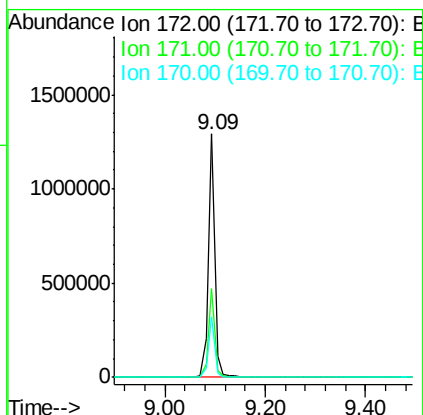
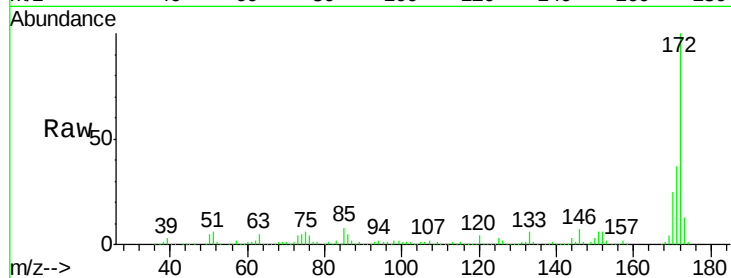




#44
 2-Fluorobiphenyl
 Concen: 68.63 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086723.D
 Acq: 5 May 2016 23:41

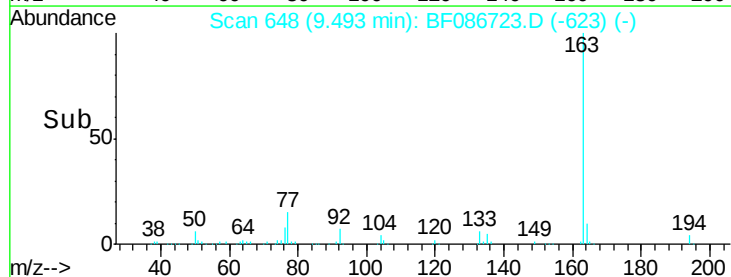
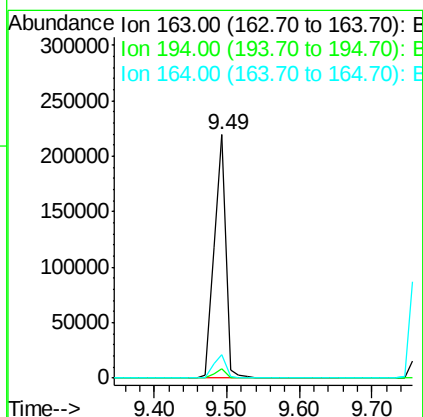
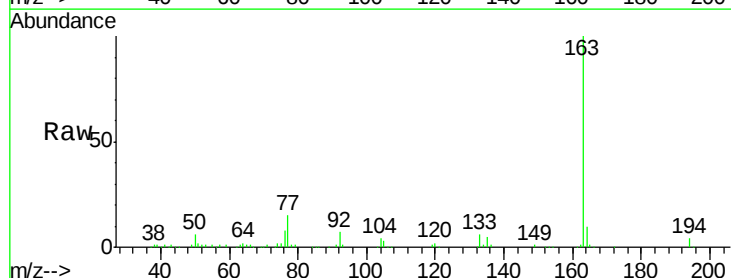
Instrument :
 BNA_F
 ClientSampleId :
 DUP

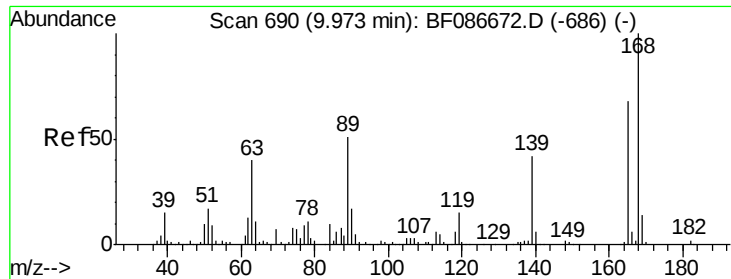
Tgt Ion:172 Resp: 1159333
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.7 19.8 29.8



#49
 Dimethylphthalate
 Concen: 11.83 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF086723.D
 Acq: 5 May 2016 23:41

Tgt Ion:163 Resp: 244266
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.6 4.0
 164 9.6 8.2 12.4

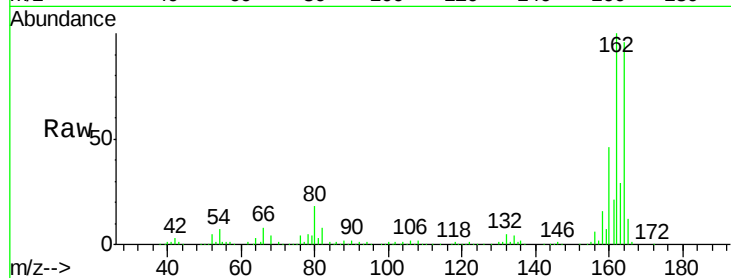




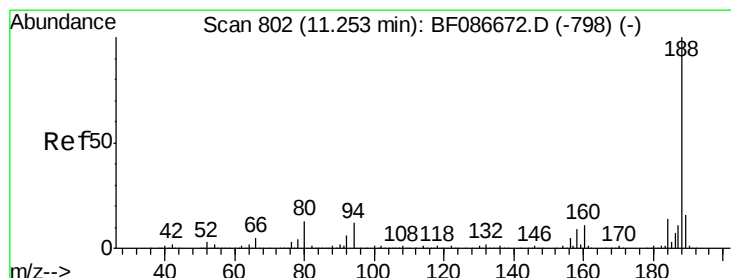
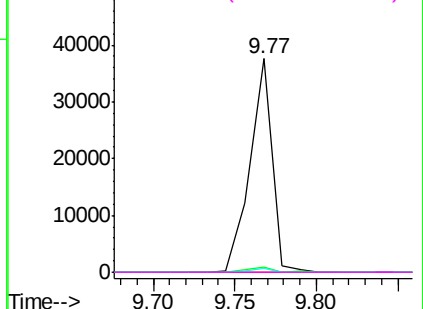
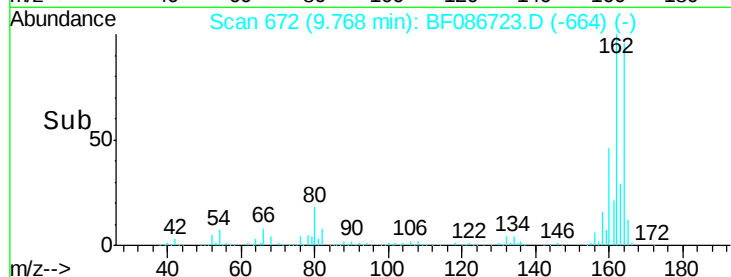
#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF086723.D
 Acq: 5 May 2016 23:41

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tgt Ion:165 Resp: 35483
 Ion Ratio Lower Upper
 165 100
 63 2.2 44.3 66.5#
 89 1.7 70.0 105.0#
 182 0.0 1.8 2.6#

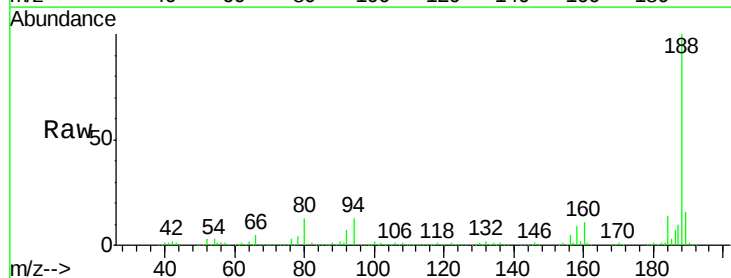


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

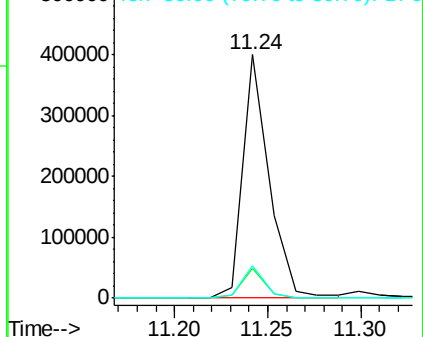
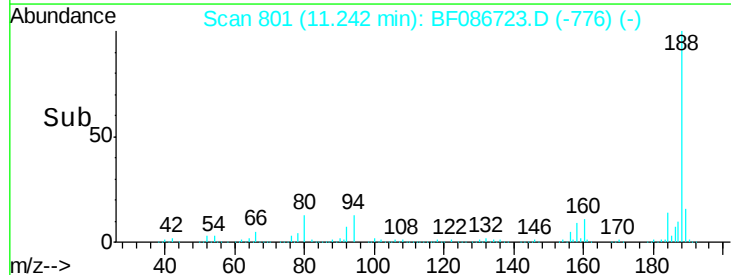


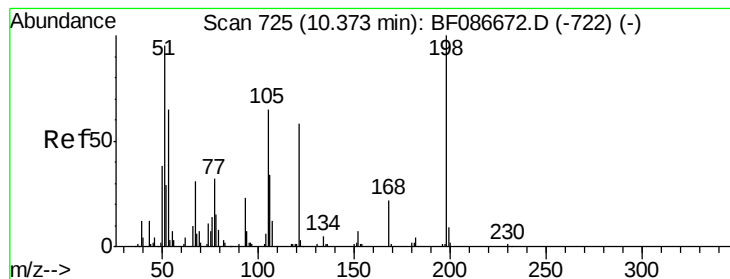
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF086723.D
 Acq: 5 May 2016 23:41

Tgt Ion:188 Resp: 392772
 Ion Ratio Lower Upper
 188 100
 94 12.5 6.8 10.2#
 80 13.5 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: 5.71 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.18 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

Instrument :

BNA_F

ClientSampleId :

DUP

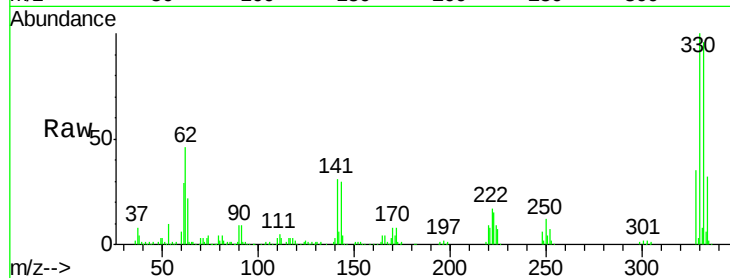
Tgt Ion:198 Resp: 876

Ion Ratio Lower Upper

198 100

51 221.1 20.5 60.5#

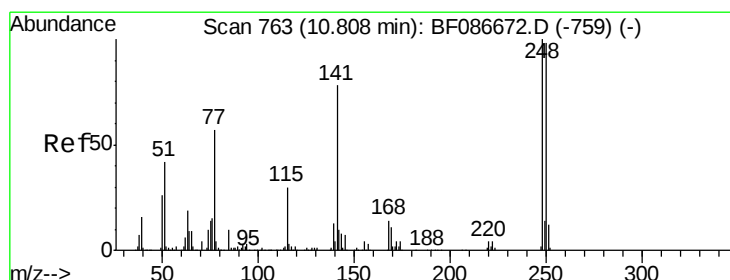
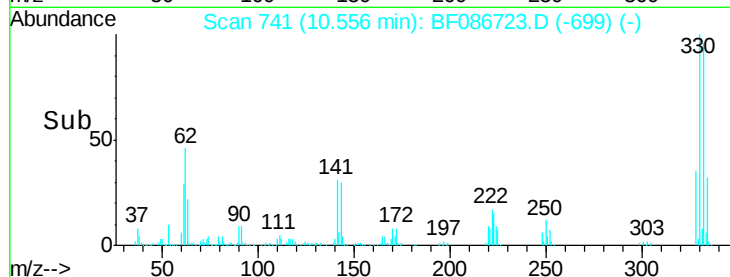
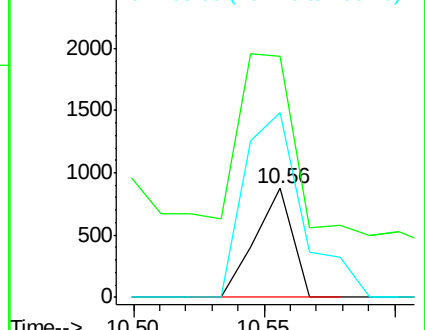
105 169.3 24.5 64.5#



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: 5.35 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.25 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

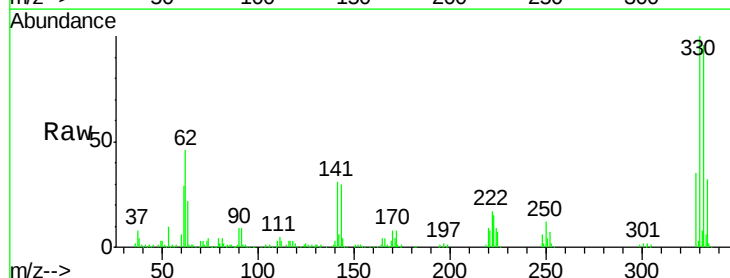
Tgt Ion:248 Resp: 20871

Ion Ratio Lower Upper

248 100

250 192.6 78.6 117.8#

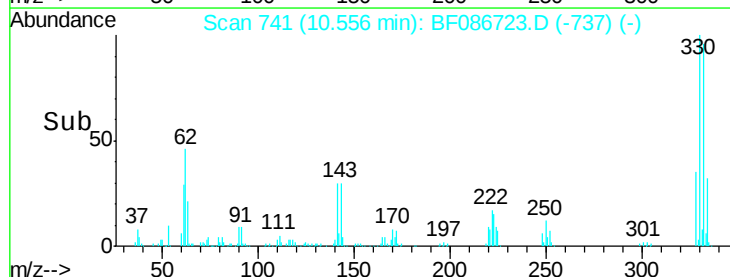
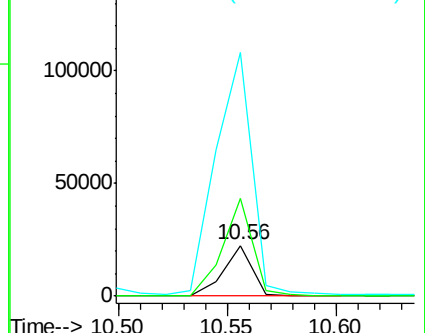
141 482.0 76.0 114.0#

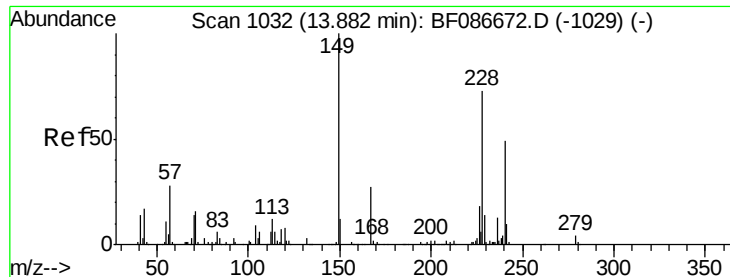


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

Instrument :

BNA_F

ClientSampleID :

DUP

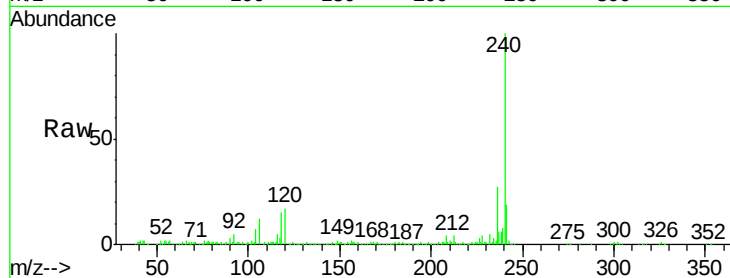
Tgt Ion:240 Resp: 311579

Ion Ratio Lower Upper

240 100

120 17.4 11.2 16.8#

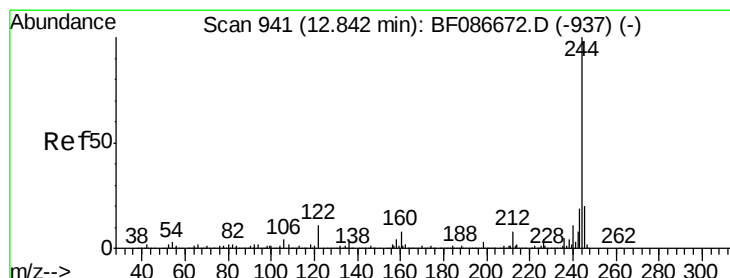
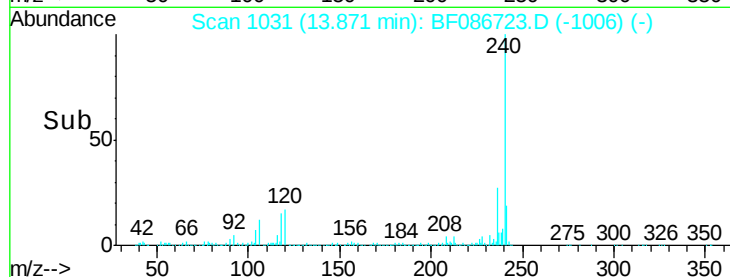
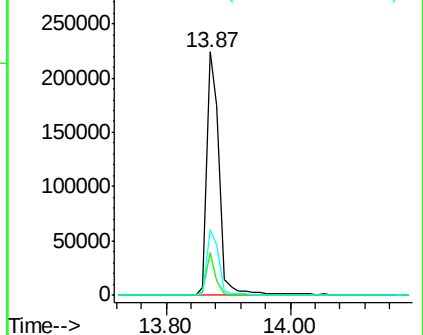
236 27.0 21.2 31.8



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



#78

Terphenyl-d14

Concen: 62.98 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086723.D

Acq: 5 May 2016 23:41

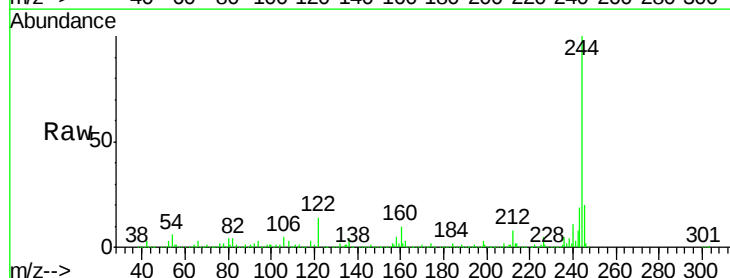
Tgt Ion:244 Resp: 970892

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

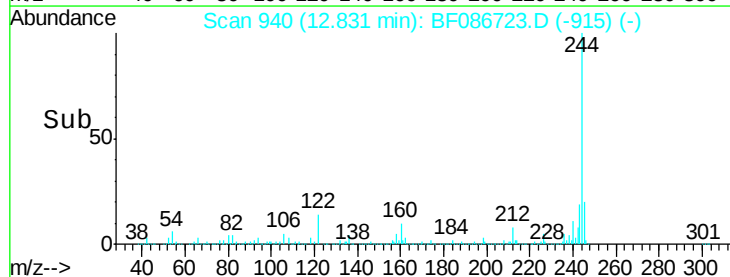
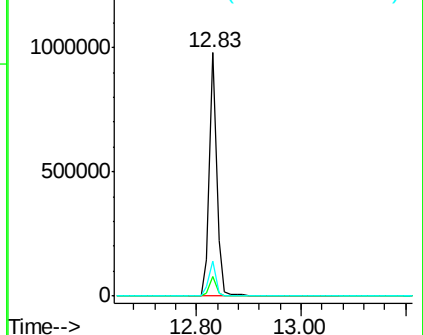
122 14.5 12.0 18.0

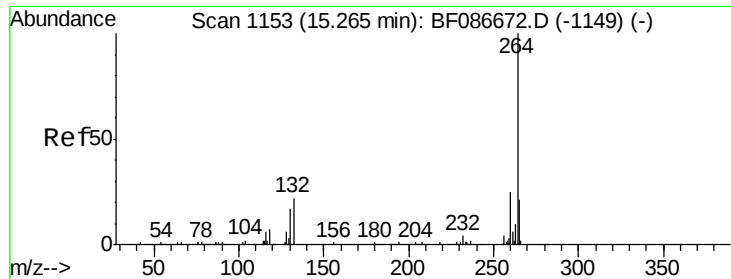


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF086723.D
Acq: 5 May 2016 23:41

Instrument :
BNA_F
ClientSampleId :
DUP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.9	17.3	25.9

