

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086724.D
 Acq On : 6 May 2016 00:09
 Operator : UM/SJ
 Sample : H2720-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6D02

Quant Time: May 06 01:17:46 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

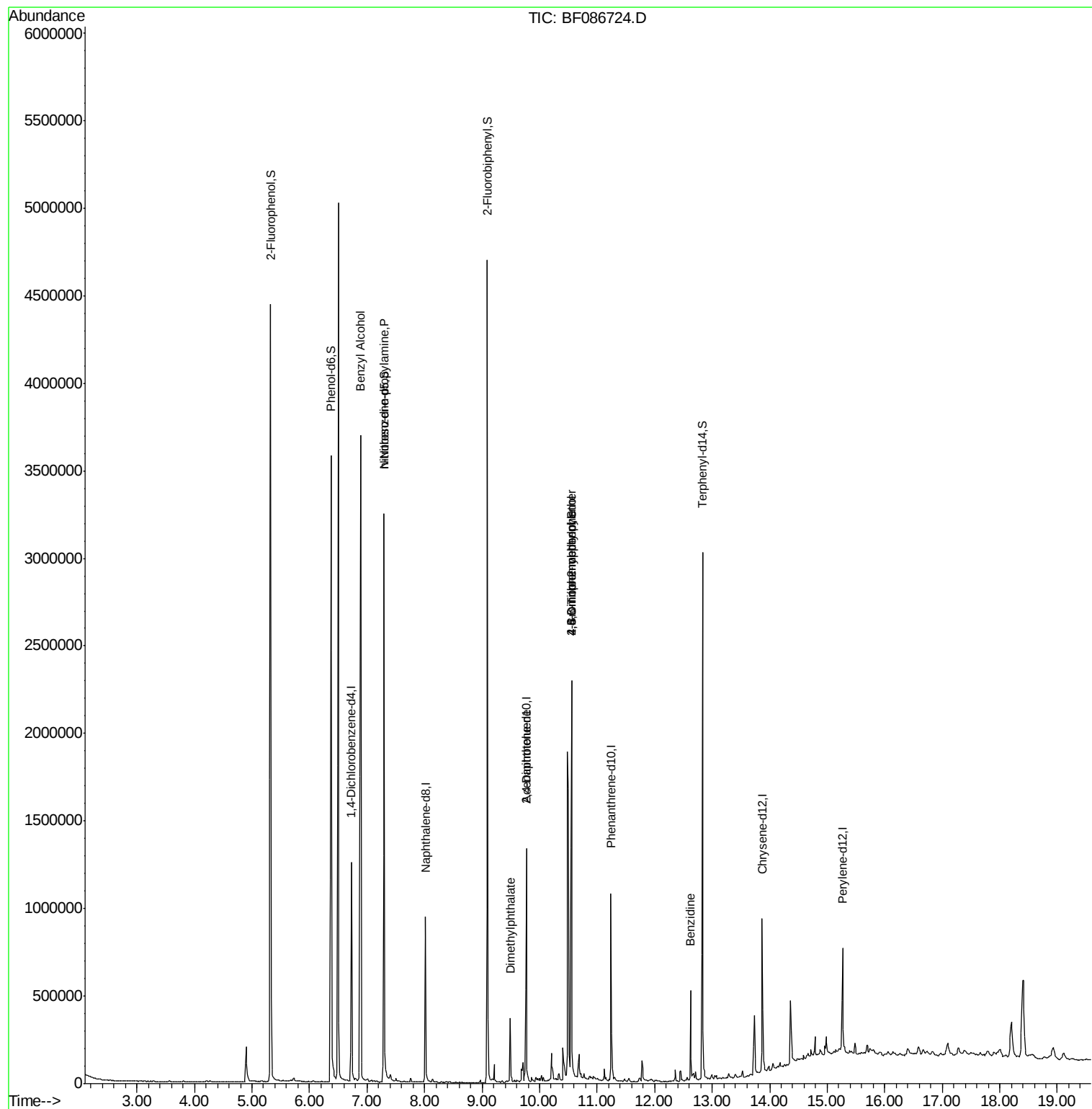
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	163761	40.00	ng	-0.01
21) Naphthalene-d8	8.02	136	612538	40.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	272250	40.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	390717	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	307544	40.00	ng	-0.01
86) Perylene-d12	15.27	264	271938	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1137469	114.99	ng	0.00
7) Phenol-d6	6.37	99	1634474	122.66	ng	0.00
23) Nitrobenzene-d5	7.30	82	1094508	91.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	298367	112.03	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1301909	78.39	ng	-0.01
78) Terphenyl-d14	12.83	244	866062	56.91	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.89	79	22631	2.63	ng	# 41
19) n-Nitroso-di-n-propylamine	7.30	70	155369	17.07	ng	# 76
49) Dimethylphthalate	9.49	163	215494	10.62	ng	98
56) 2,4-Dinitrotoluene	9.77	165	35420	6.56	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.56	198	860	5.71	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	18863	4.86	ng	# 1
76) Benzydine	12.63	184	608	7.15	ng	# 1

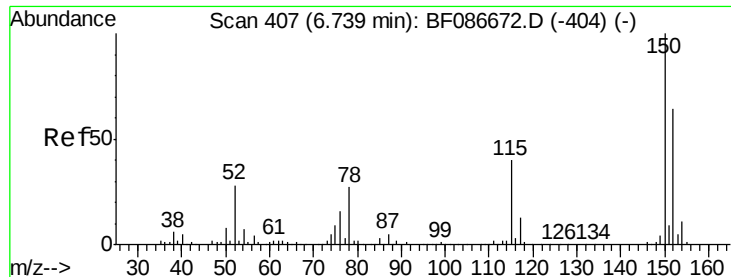
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF086724.D

Acq: 6 May 2016 00:09

Instrument :

BNA_F

ClientSampleId :

TP-6D02

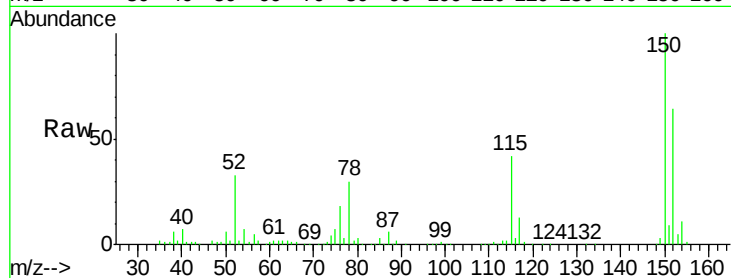
Tgt Ion:152 Resp: 163761

Ion Ratio Lower Upper

152 100

150 156.4 125.8 188.6

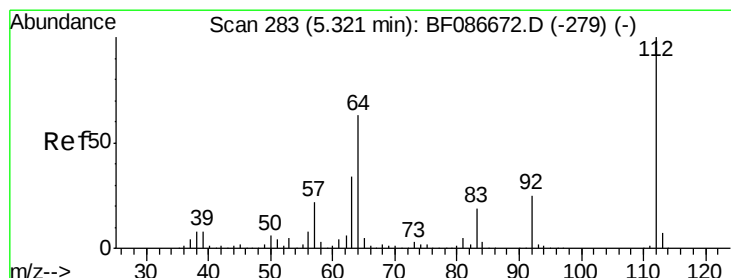
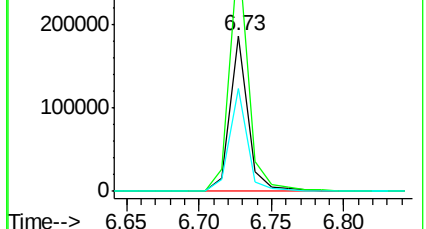
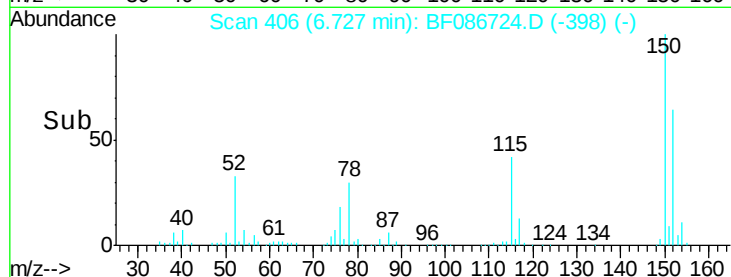
115 65.8 51.5 77.3



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: 114.99 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086724.D

Acq: 6 May 2016 00:09

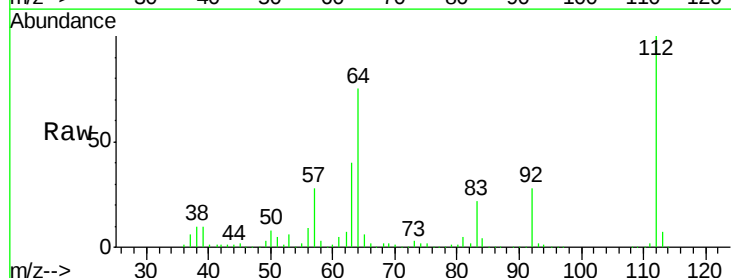
Tgt Ion:112 Resp: 1137469

Ion Ratio Lower Upper

112 100

64 75.0 52.1 78.1

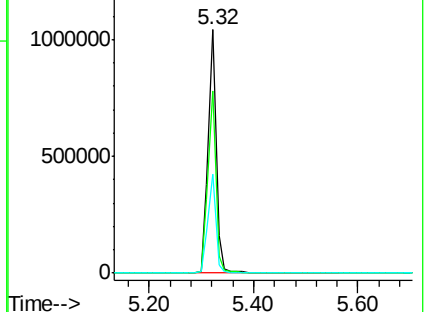
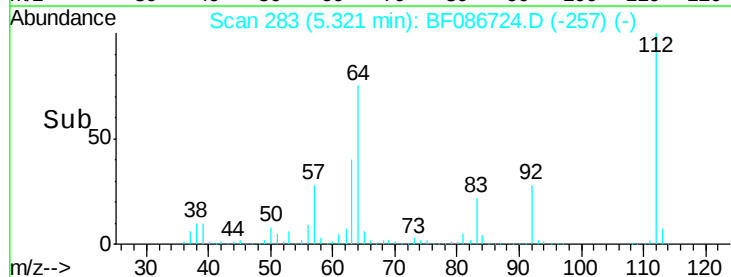
63 40.4 25.7 38.5#

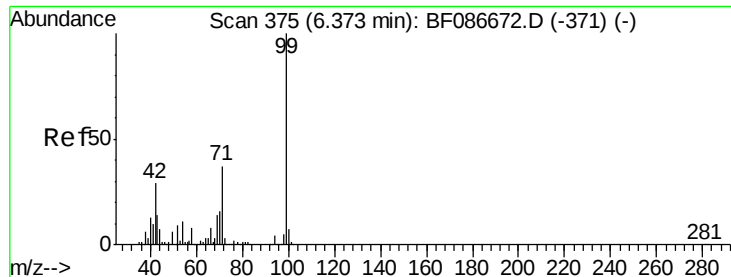


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.66 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086724.D

Acq: 6 May 2016 00:09

Instrument :

BNA_F

ClientSampled :

TP-6D02

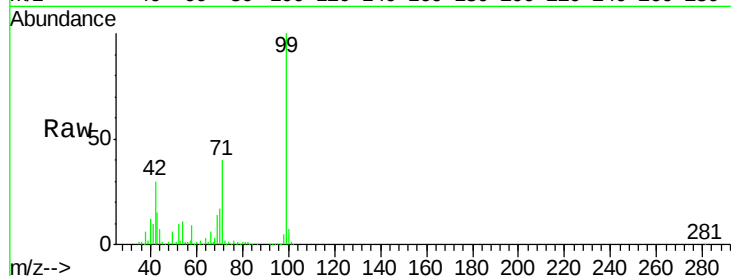
Tgt Ion: 99 Resp: 1634474

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

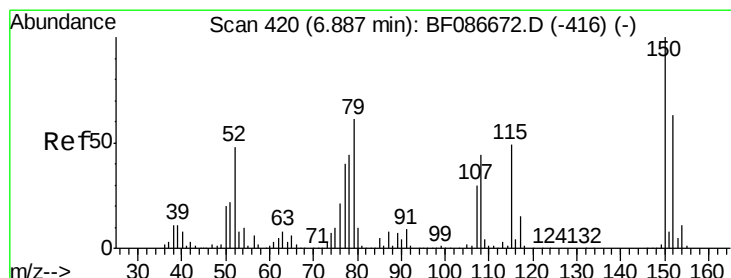
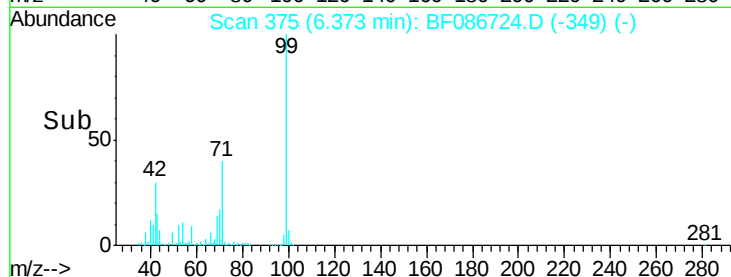
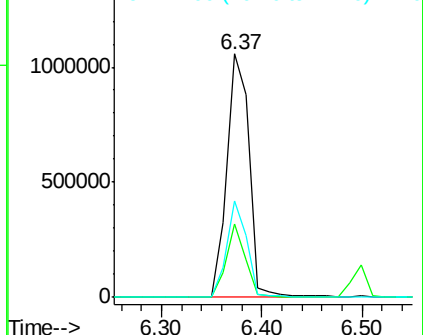
71 39.5 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.63 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086724.D

Acq: 6 May 2016 00:09

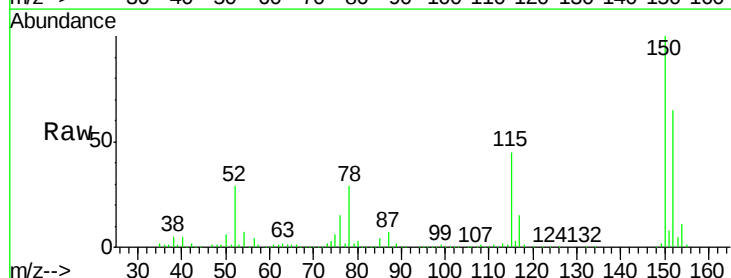
Tgt Ion: 79 Resp: 22631

Ion Ratio Lower Upper

79 100

108 37.2 68.4 102.6#

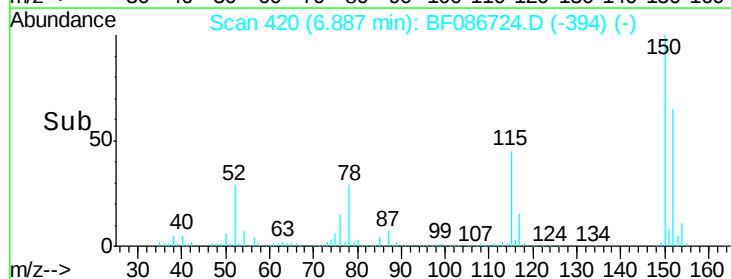
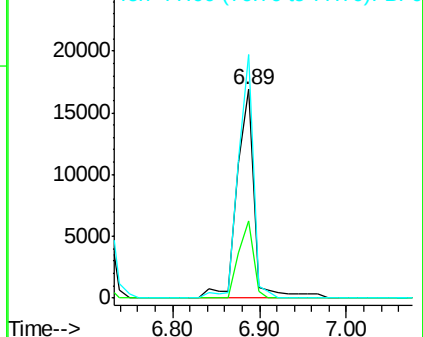
77 116.6 50.6 76.0#

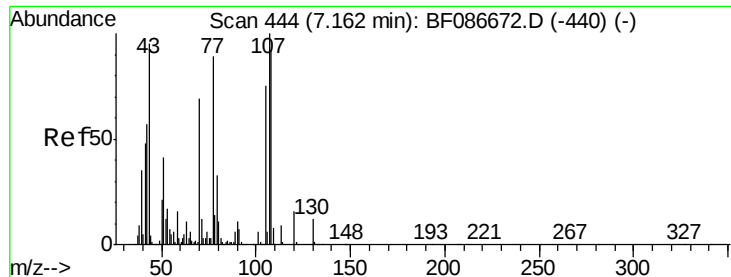


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

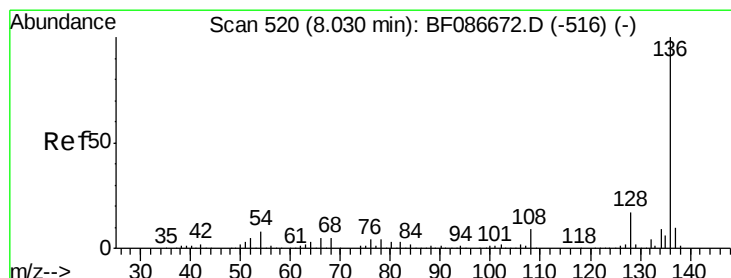
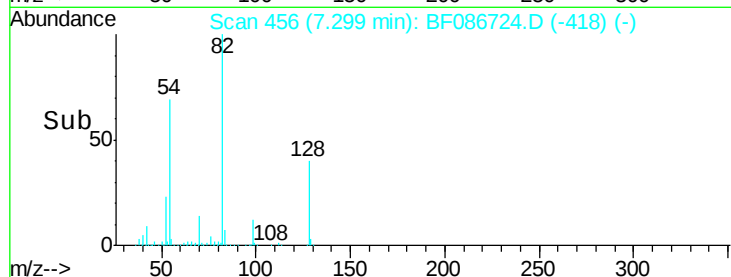
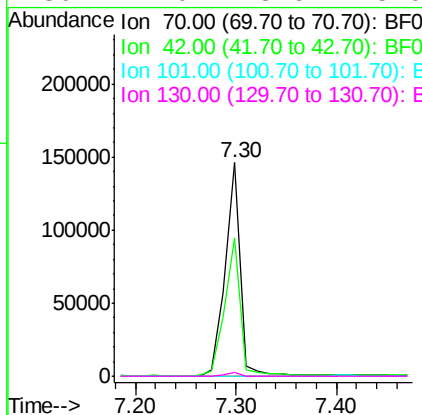
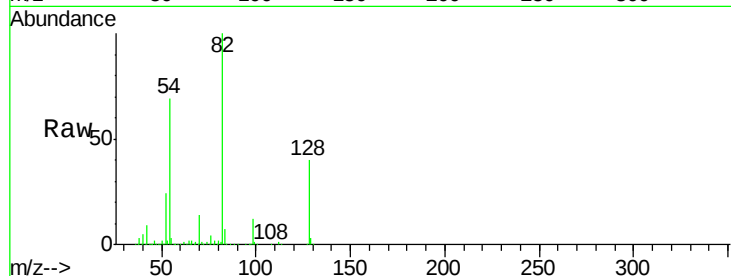




#19
n-Nitroso-di-n-propylamine
Concen: 17.07 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.14 min
Lab File: BF086724.D
Acq: 6 May 2016 00:09

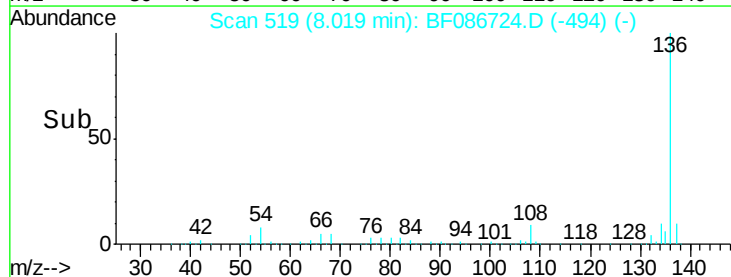
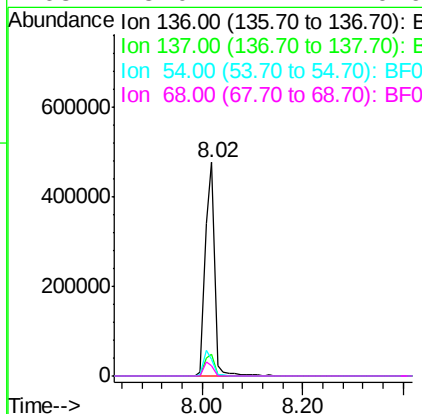
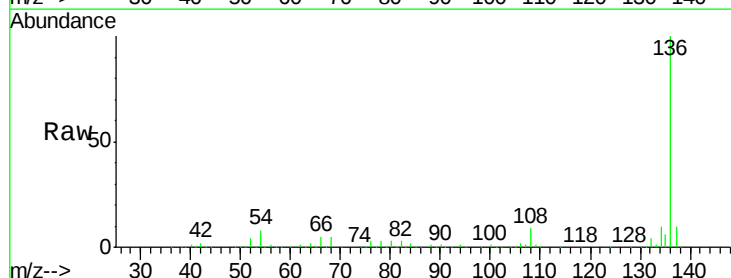
Instrument :
BNA_F
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TP-6D02

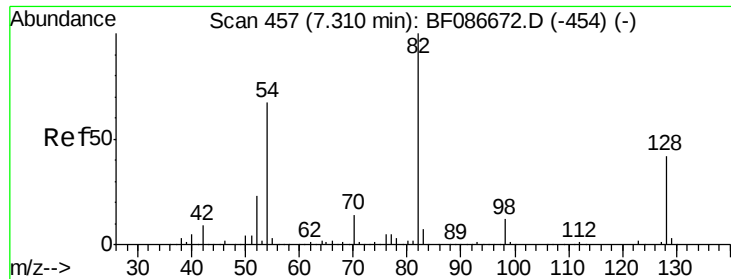
Tgt Ion: 70 Resp: 155369
Ion Ratio Lower Upper
70 100
42 64.8 43.1 64.7#
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086724.D
Acq: 6 May 2016 00:09

Tgt Ion: 136 Resp: 612538
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.0 5.0 7.4#
68 5.0 4.4 6.6

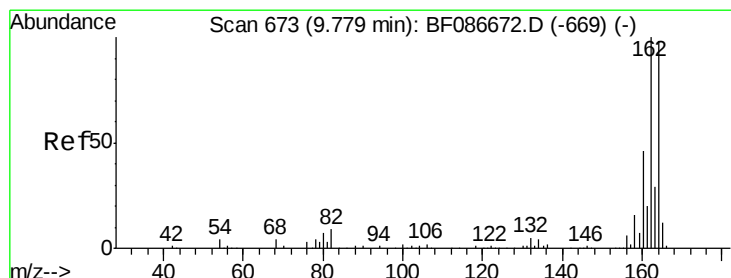
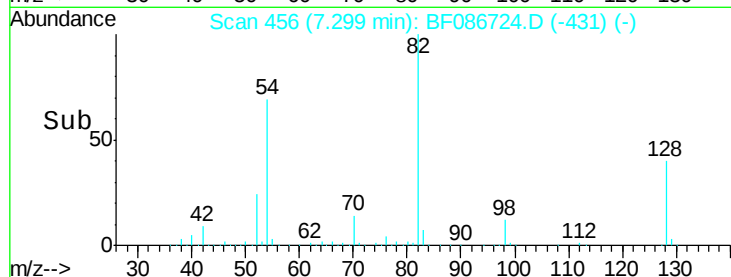
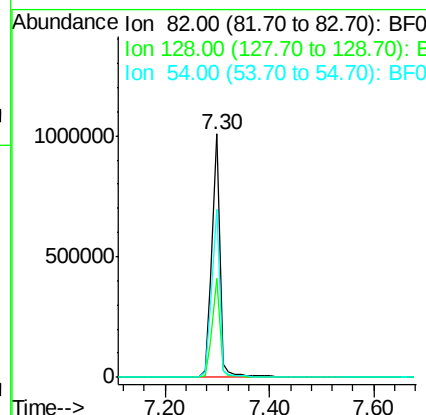
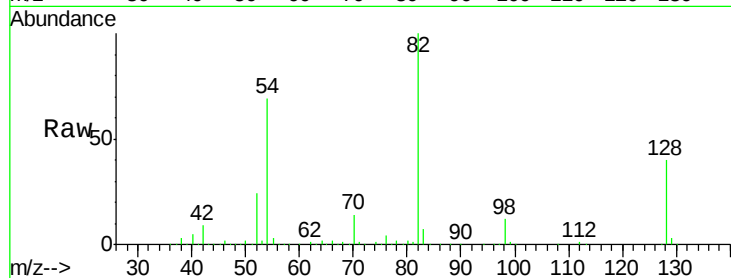




#23
 Nitrobenzene-d5
 Concen: 91.82 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086724.D
 Acq: 6 May 2016 00:09

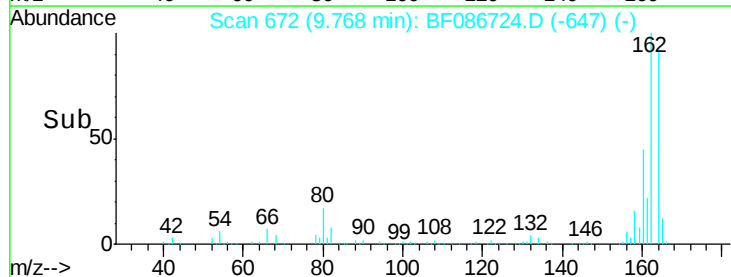
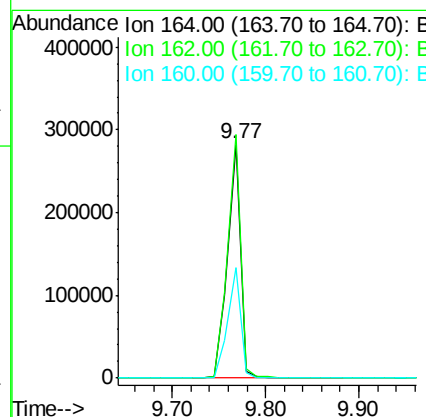
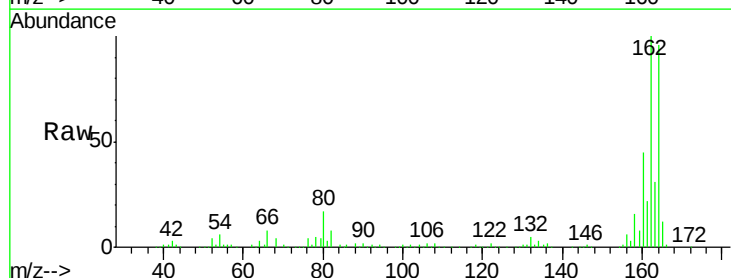
Instrument :
 BNA_F
 ClientSampleId :
 TP-6D02

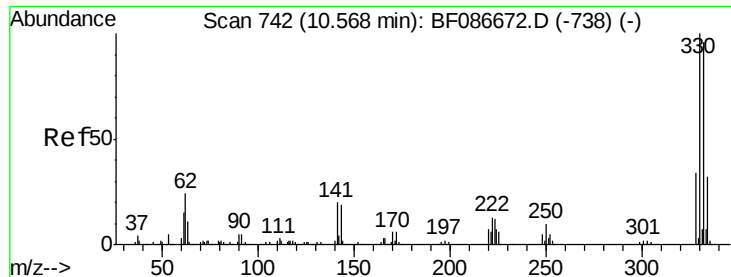
Tgt Ion: 82 Resp: 1094508
 Ion Ratio Lower Upper
 82 100
 128 40.4 40.6 61.0#
 54 68.9 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF086724.D
 Acq: 6 May 2016 00:09

Tgt Ion: 164 Resp: 272250
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.8 124.2
 160 47.2 36.9 55.3

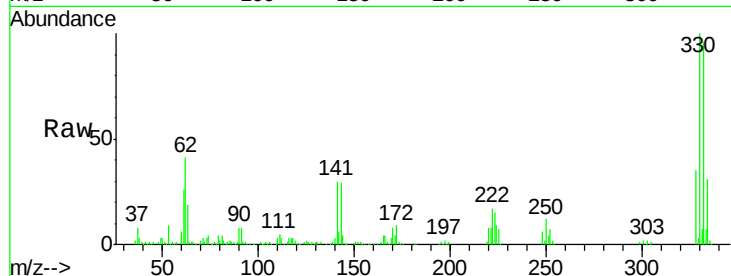




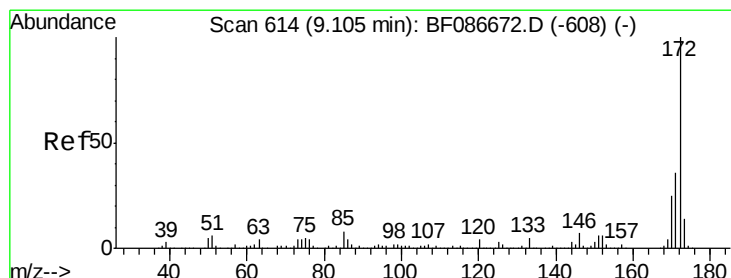
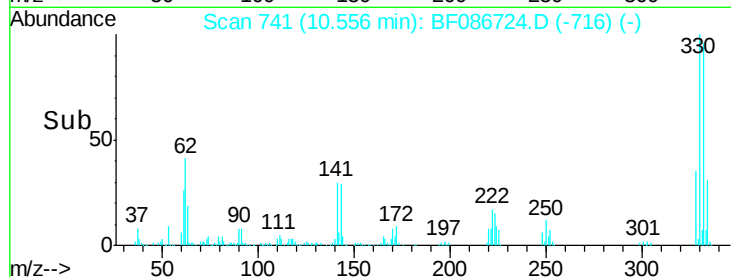
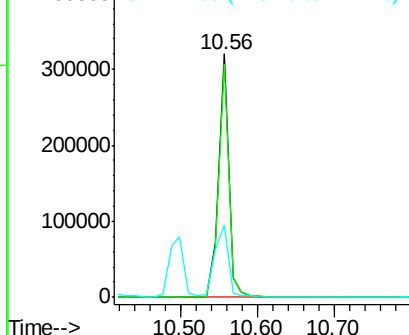
#41
 2,4,6-Tribromophenol
 Concen: 112.03 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086724.D
 Acq: 6 May 2016 00:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-6D02

Tgt Ion:330 Resp: 298367
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 39.2 31.2 46.8

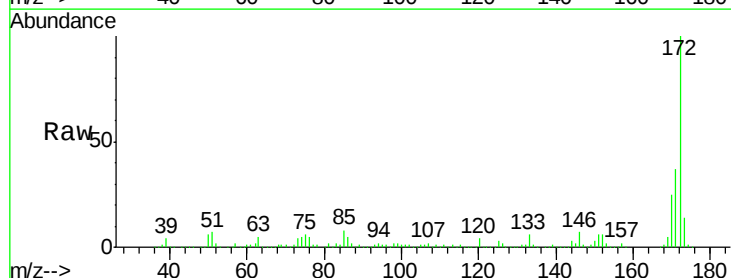


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

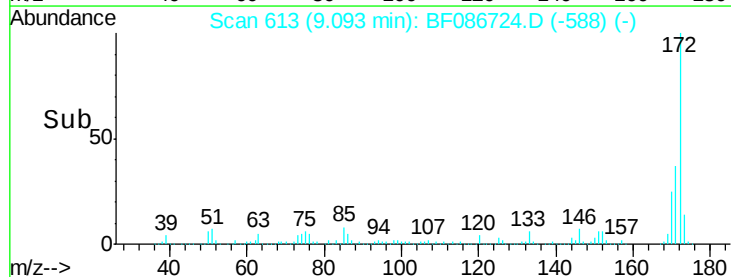
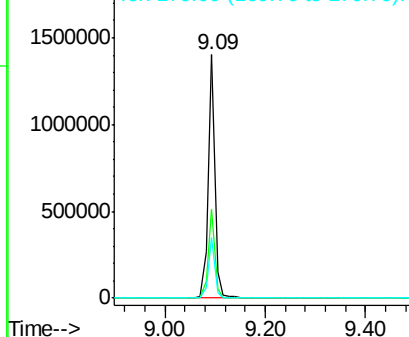


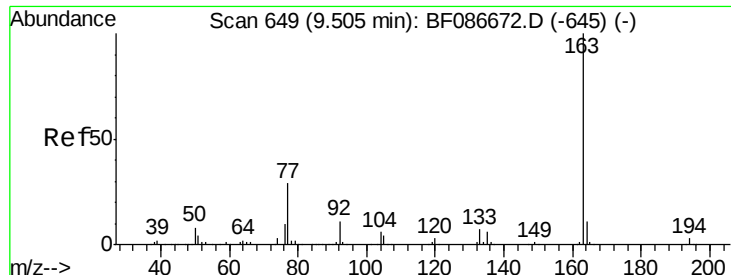
#44
 2-Fluorobiphenyl
 Concen: 78.39 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086724.D
 Acq: 6 May 2016 00:09

Tgt Ion:172 Resp: 1301909
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.8 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

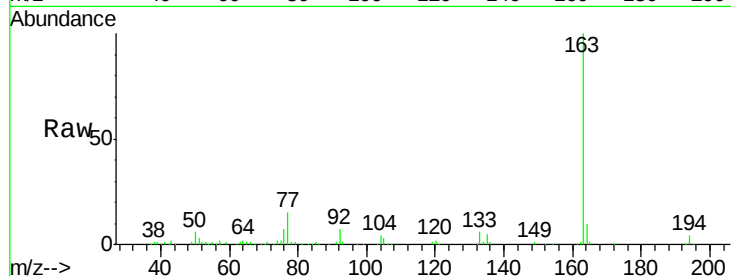




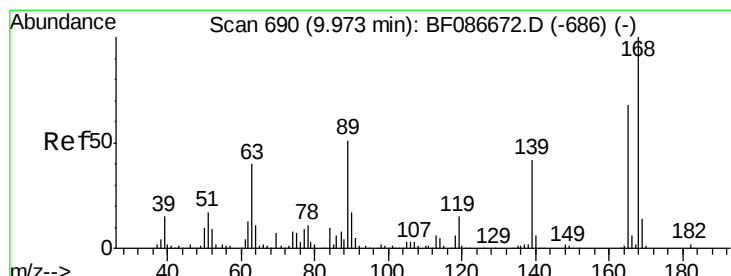
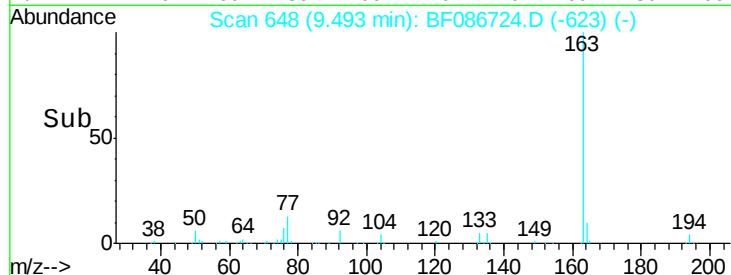
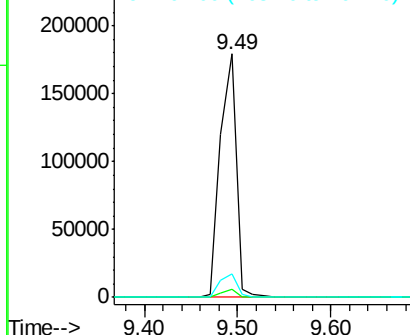
#49
Dimethylphthalate
Concen: 10.62 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086724.D
Acq: 6 May 2016 00:09

Instrument :
BNA_F
ClientSampleId :
TP-6D02

Tgt Ion:163 Resp: 215494
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.6 8.2 12.4

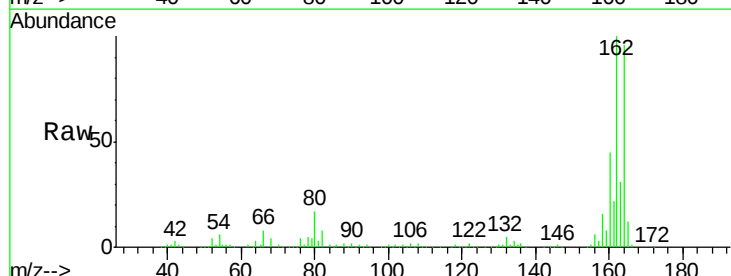


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

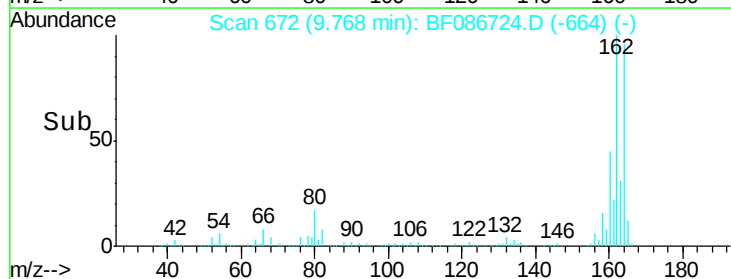
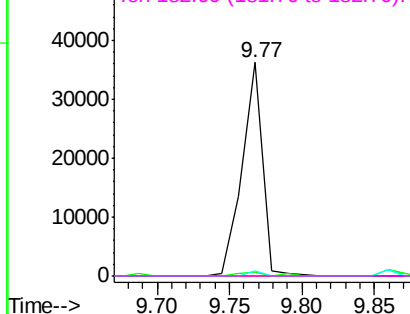


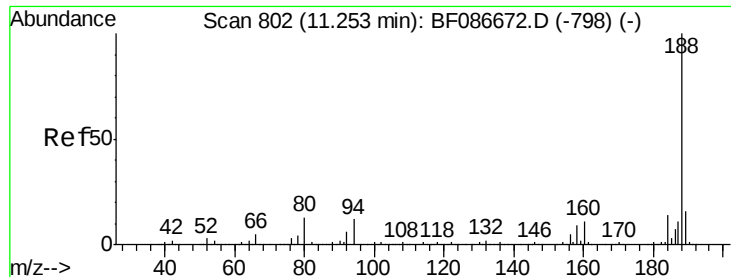
#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF086724.D
Acq: 6 May 2016 00:09

Tgt Ion:165 Resp: 35420
Ion Ratio Lower Upper
165 100
63 1.9 44.3 66.5#
89 2.2 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

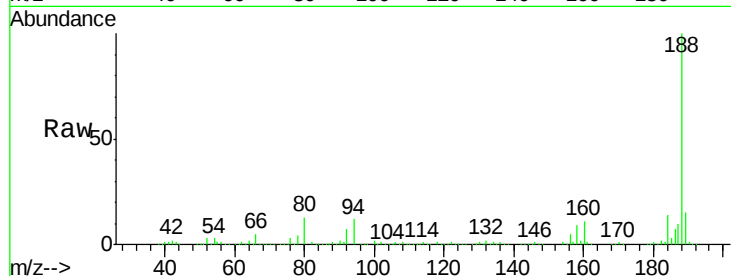




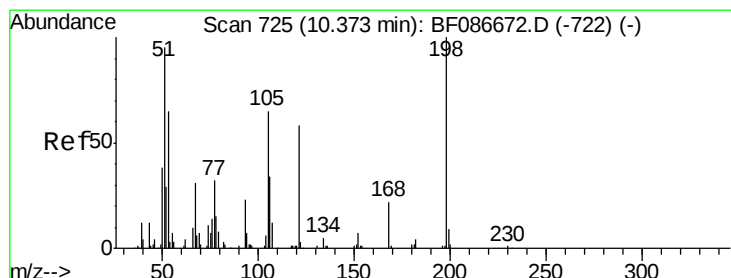
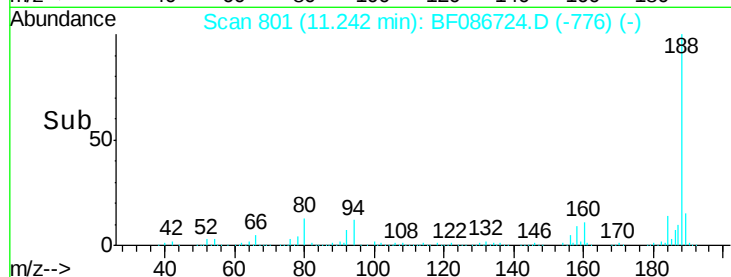
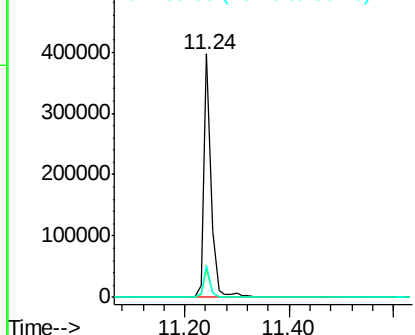
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF086724.D
 Acq: 6 May 2016 00:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-6D02

Tgt Ion:188 Resp: 390717
 Ion Ratio Lower Upper
 188 100
 94 11.9 6.8 10.2#
 80 13.2 7.1 10.7#

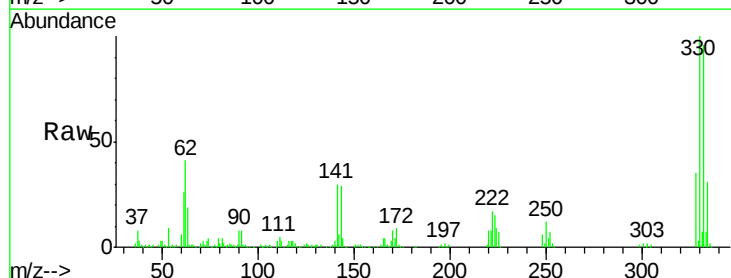


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

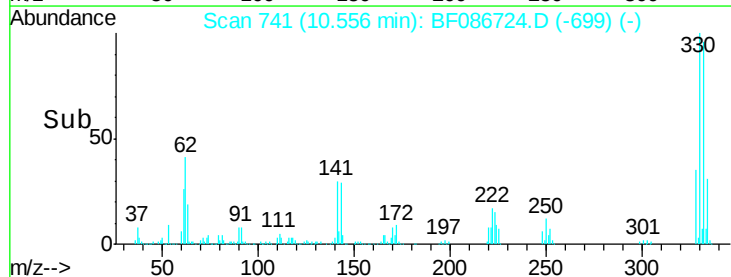
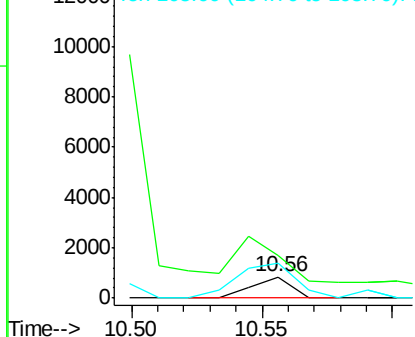


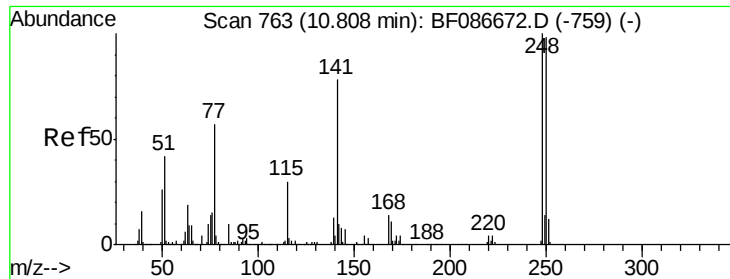
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.71 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.18 min
 Lab File: BF086724.D
 Acq: 6 May 2016 00:09

Tgt Ion:198 Resp: 860
 Ion Ratio Lower Upper
 198 100
 51 199.4 20.5 60.5#
 105 160.0 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

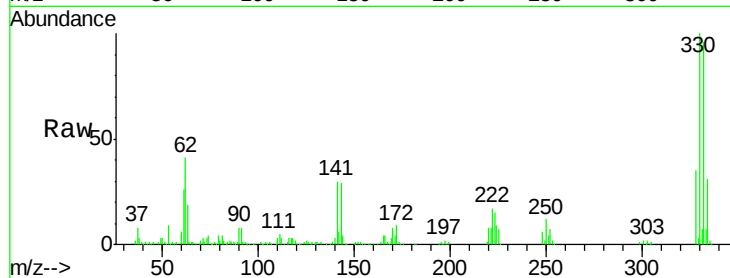




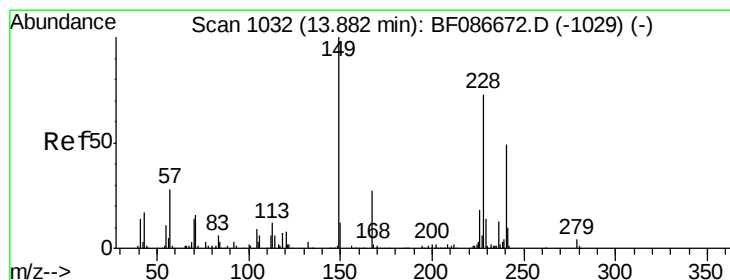
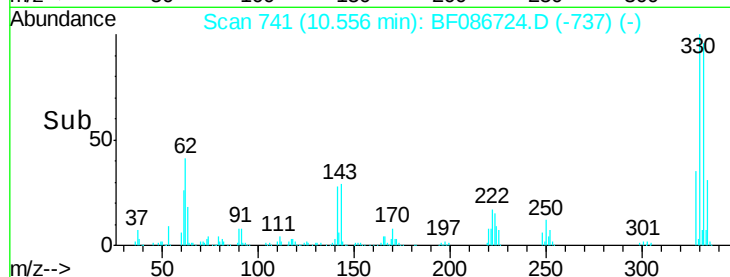
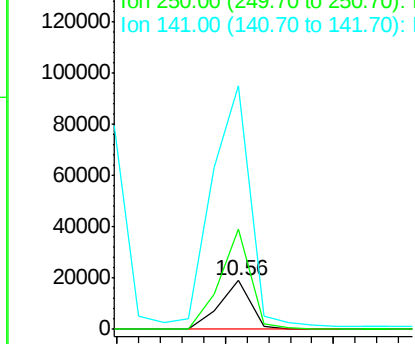
#66
 4-Bromophenyl-phenylether
 Concen: 4.86 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.25 min
 Lab File: BF086724.D
 Acq: 6 May 2016 00:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-6D02

Tgt Ion:248 Resp: 18863
 Ion Ratio Lower Upper
 248 100
 250 205.5 78.6 117.8#
 141 496.8 76.0 114.0#

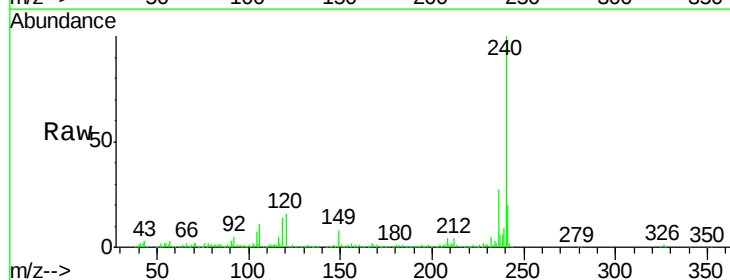


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

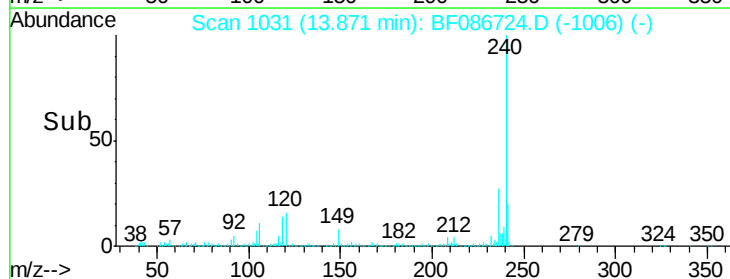
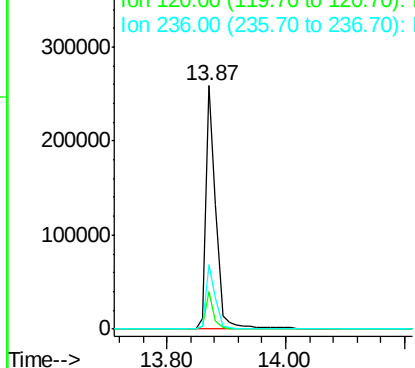


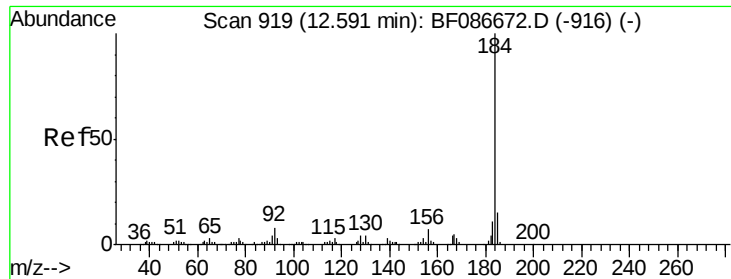
#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086724.D
 Acq: 6 May 2016 00:09

Tgt Ion:240 Resp: 307544
 Ion Ratio Lower Upper
 240 100
 120 15.6 11.2 16.8
 236 26.6 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





#76

Benzidine

Concen: 7.15 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.04 min

Lab File: BF086724.D

Acq: 6 May 2016 00:09

Instrument :

BNA_F

ClientSampleId :

TP-6D02

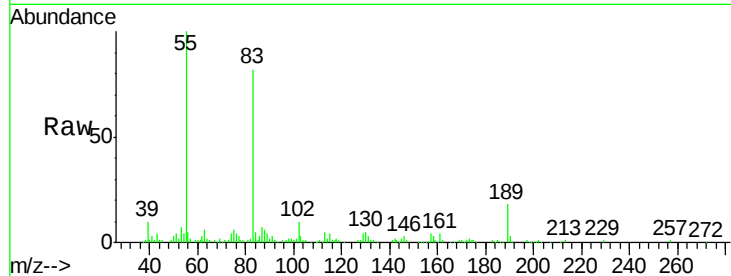
Tgt Ion:184 Resp: 608

Ion Ratio Lower Upper

184 100

185 189.0 13.6 20.4#

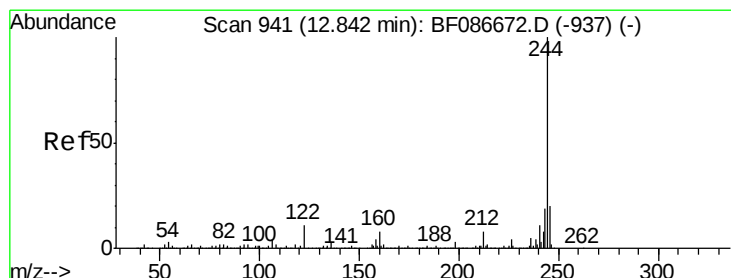
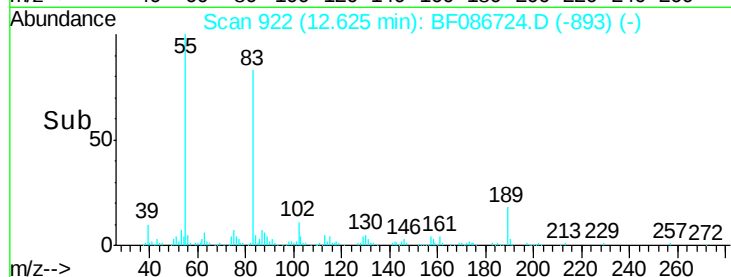
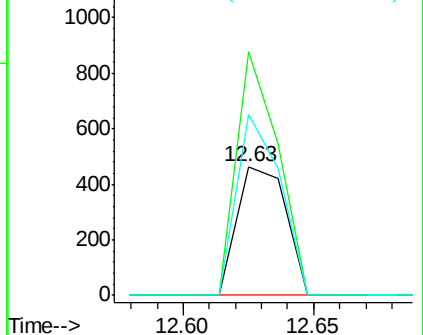
183 140.9 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 56.91 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086724.D

Acq: 6 May 2016 00:09

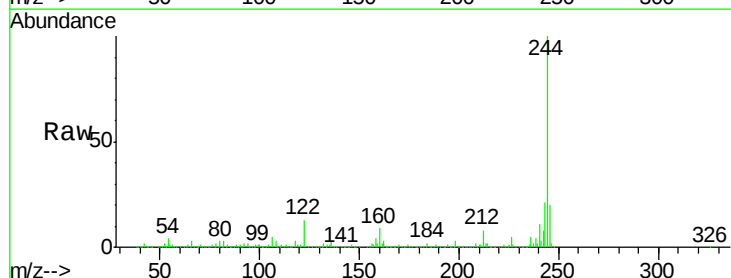
Tgt Ion:244 Resp: 866062

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

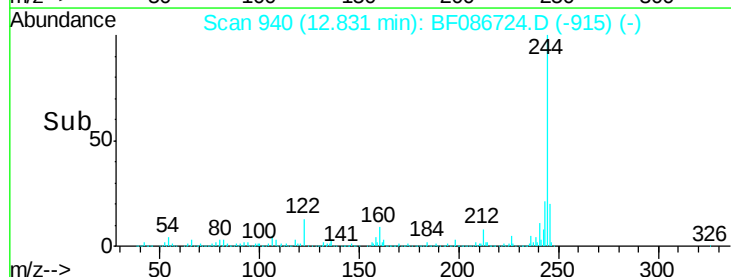
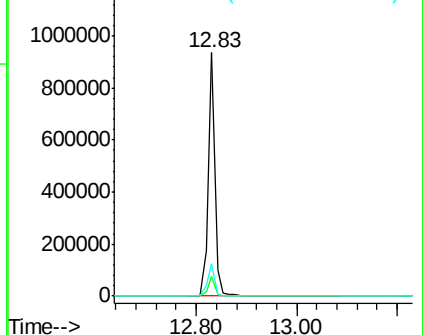
122 13.1 12.0 18.0

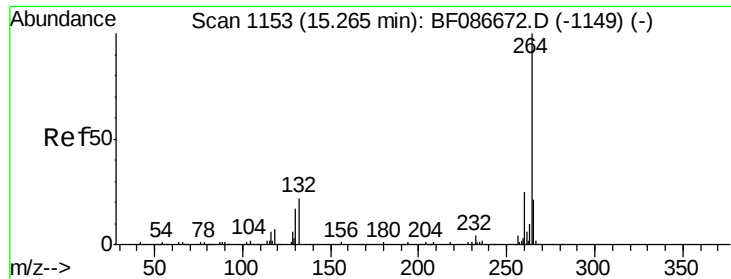


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086724.D

Acq: 6 May 2016 00:09

Instrument :

BNA_F

ClientSampleId :

TP-6D02

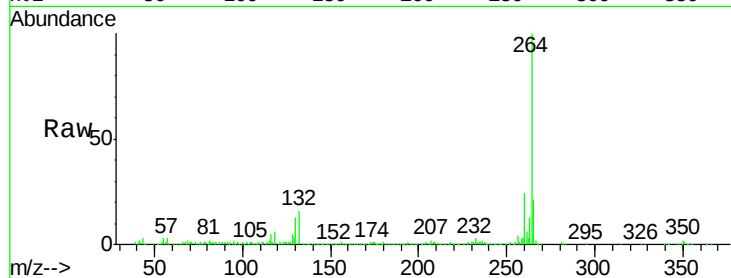
Tgt Ion: 264 Resp: 271938

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.2 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

