

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
 Data File : BF087980.D
 Acq On : 13 Jun 2016 13:40
 Operator : UM/SJ
 Sample : H3438-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Jun 13 14:51:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	126830	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	551831	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	261609	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	459367	20.00	ng	0.00
75) Chrysene-d12	13.94	240	327023	20.00	ng	-0.01
86) Perylene-d12	15.36	264	295661	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	896768	120.88	ng	0.01
7) Phenol-d6	6.43	99	1055101	117.35	ng	0.00
23) Nitrobenzene-d5	7.36	82	664128	70.28	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	270013	97.75	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1149551	67.92	ng	0.00
78) Terphenyl-d14	12.90	244	822122	57.21	ng	0.00

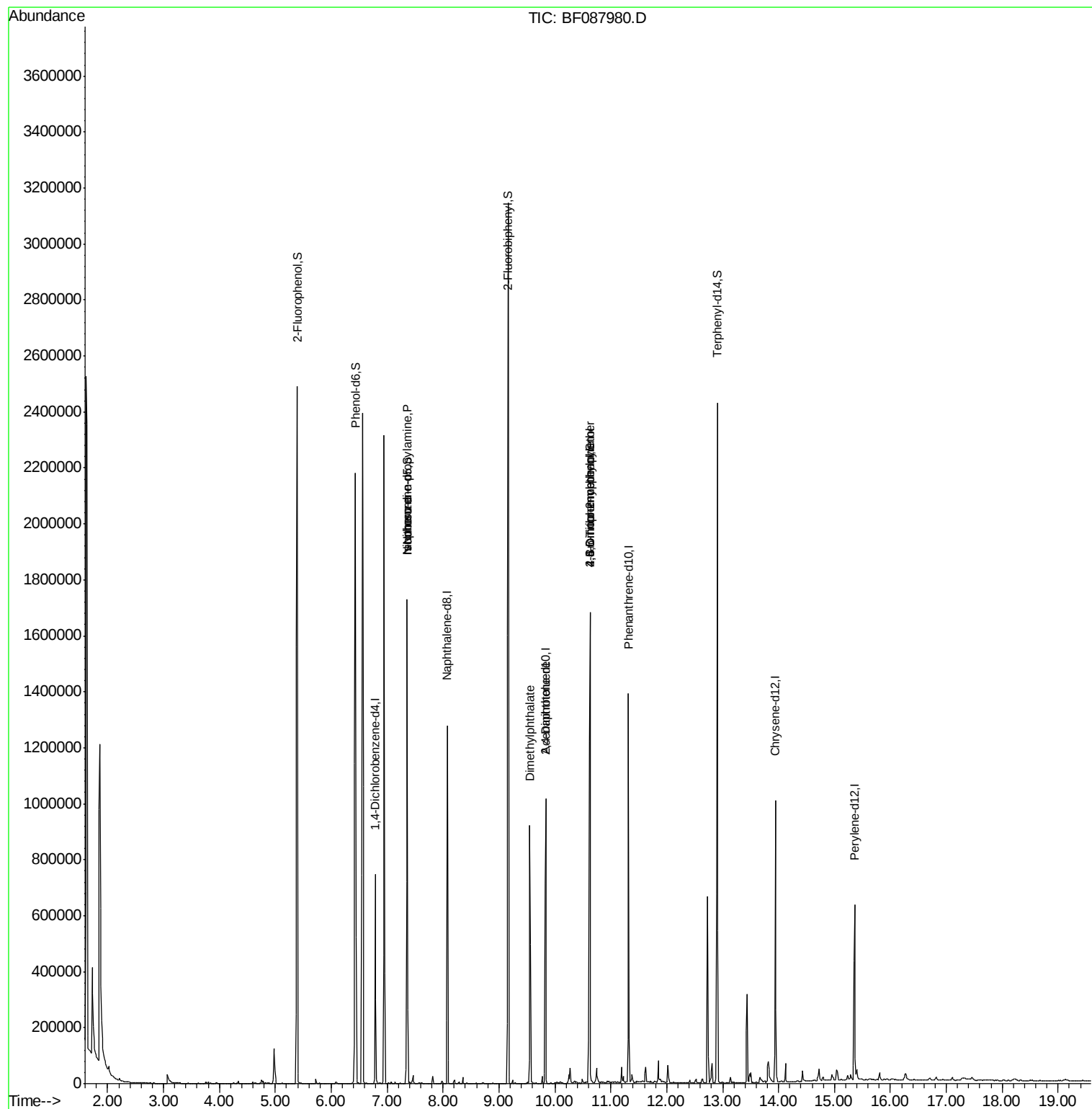
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	16315	Below Cal	#	65
19) n-Nitroso-di-n-propylamine	7.36	70	86608	15.06	ng	73
25) Isophorone	7.36	82	477462	27.28	ng	65
45) 1,1'-Biphenyl	9.16	154	2187	Below Cal	#	1
49) Dimethylphthalate	9.55	163	498703	26.32	ng	99
56) 2,4-Dinitrotoluene	9.84	165	33540	6.01	ng	38
57) Fluorene	10.63	166	14324	Below Cal	#	94
64) 4,6-Dinitro-2-methylphenol	10.63	198	715	2.40	ng	35
66) 4-Bromophenyl-phenylether	10.63	248	18838	3.82	ng	1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF087980.D

Acq: 13 Jun 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

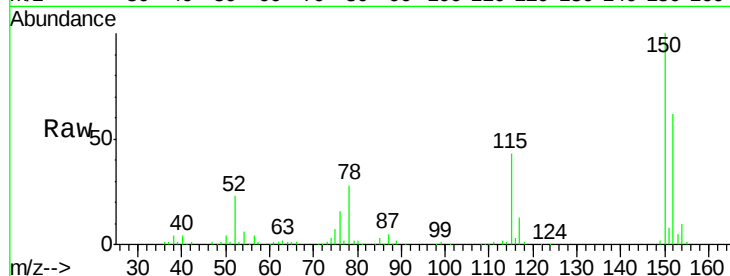
Tgt Ion:152 Resp: 126830

Ion Ratio Lower Upper

152 100

150 160.5 123.8 185.6

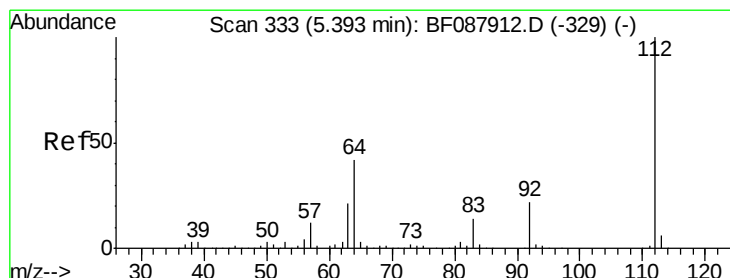
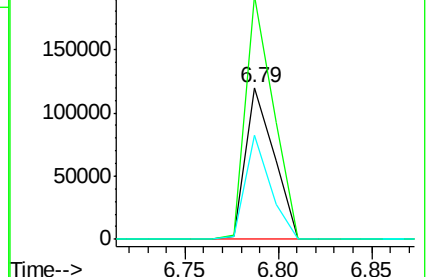
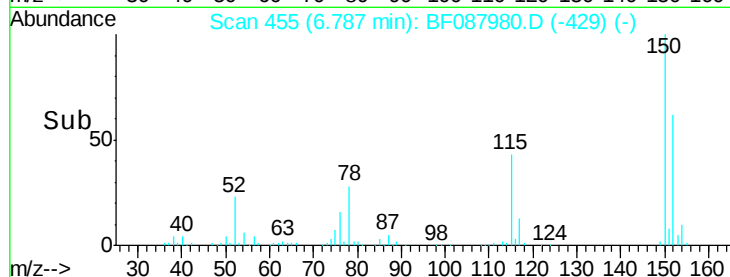
115 68.2 39.6 59.4#



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: 120.88 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF087980.D

Acq: 13 Jun 2016 13:40

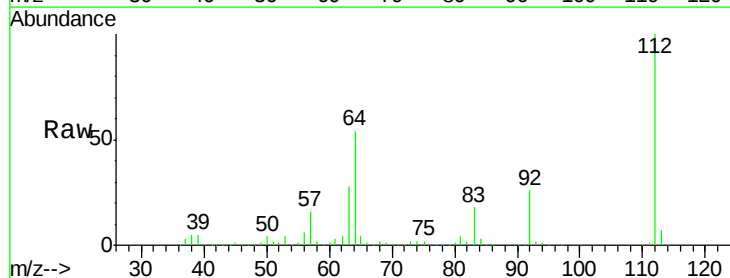
Tgt Ion:112 Resp: 896768

Ion Ratio Lower Upper

112 100

64 54.0 42.2 63.2

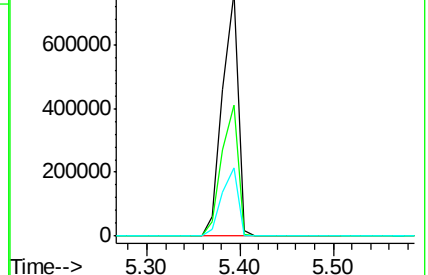
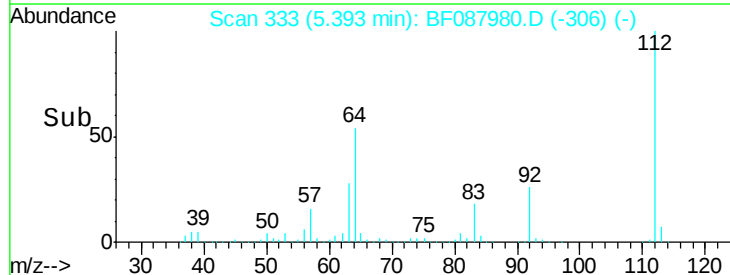
63 28.0 21.8 32.8



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: 117.35 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF087980.D

Acq: 13 Jun 2016 13:40

Instrument :

BNA_F

ClientSampled :

SB-04-COMP

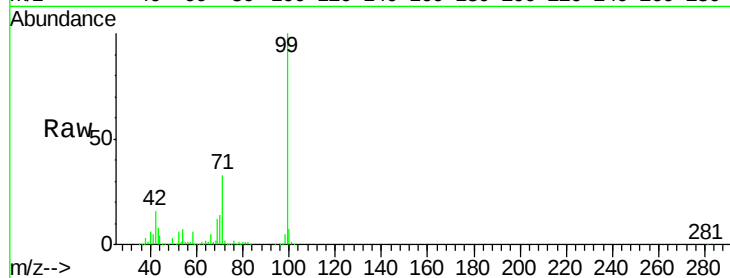
Tgt Ion: 99 Resp: 1055101

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

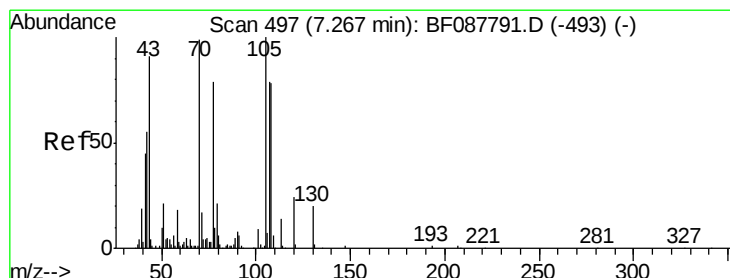
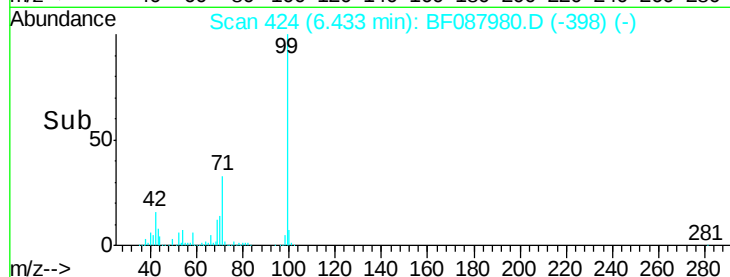
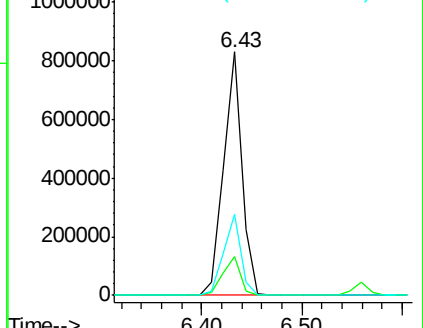
71 33.1 23.4 35.0



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: 15.06 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.14 min

Lab File: BF087980.D

Acq: 13 Jun 2016 13:40

Tgt Ion: 70 Resp: 86608

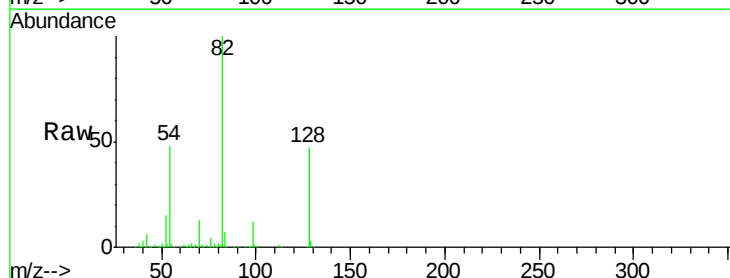
Ion Ratio Lower Upper

70 100

42 43.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#

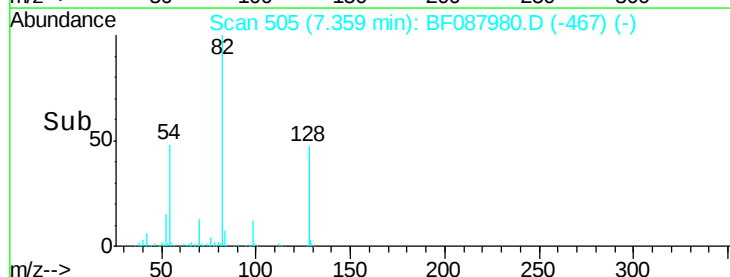
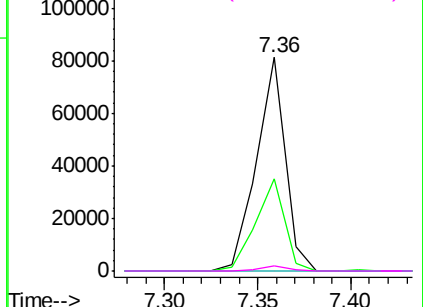


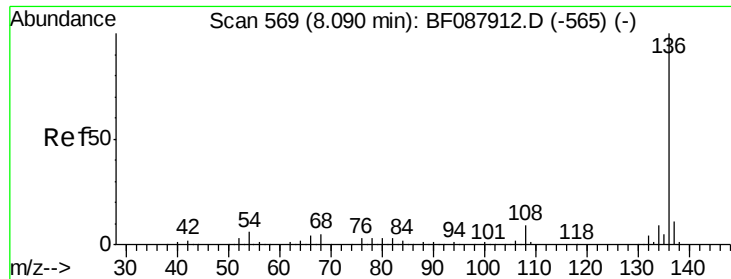
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

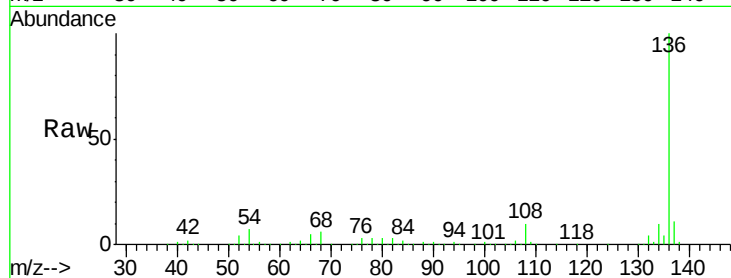




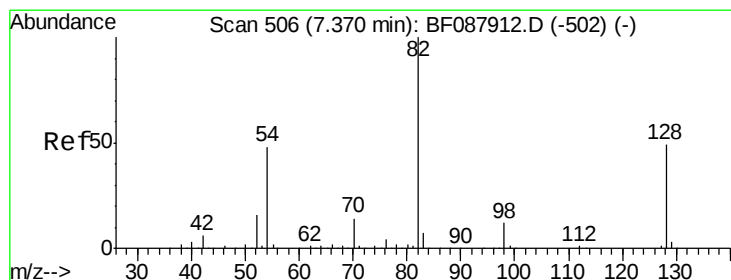
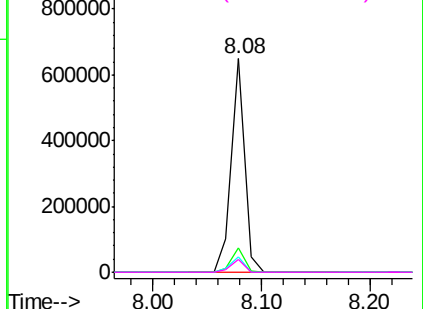
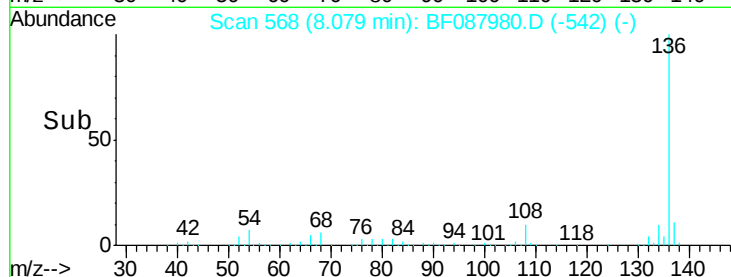
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF087980.D
Acq: 13 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:	136	Resp:	551831
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.4	6.6	10.0
68	6.3	5.1	7.7

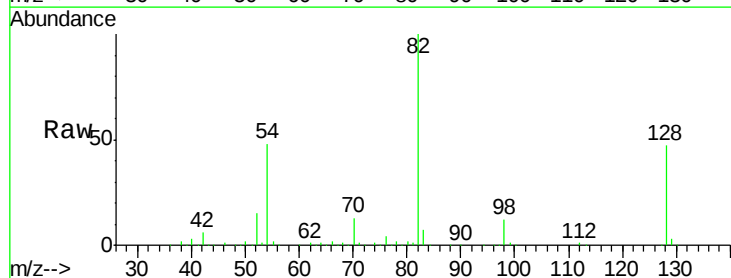


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

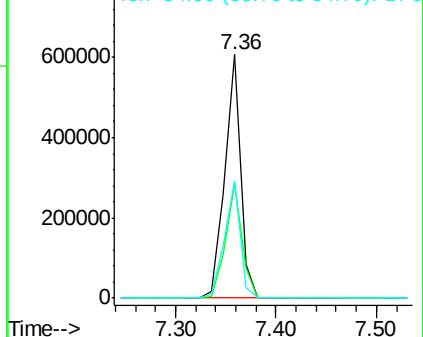
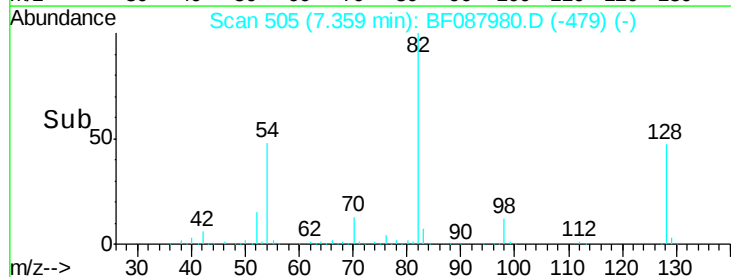


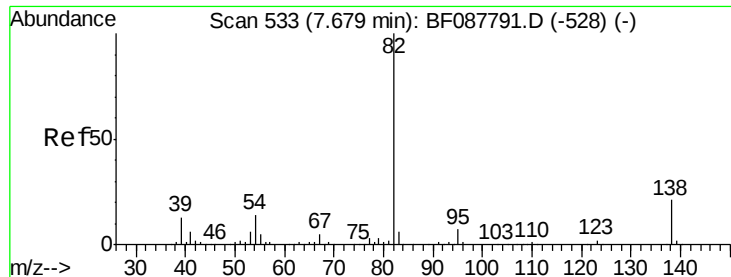
#23
Nitrobenzene-d5
Concen: 70.28 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF087980.D
Acq: 13 Jun 2016 13:40

Tgt Ion:	82	Resp:	664128
Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.9	53.9
54	48.0	40.9	61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.28 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.26 min

Lab File: BF087980.D

Acq: 13 Jun 2016 13:40

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

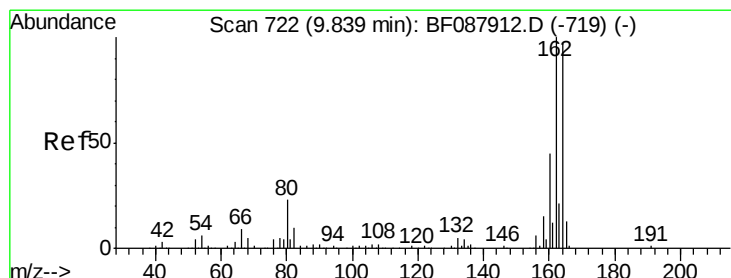
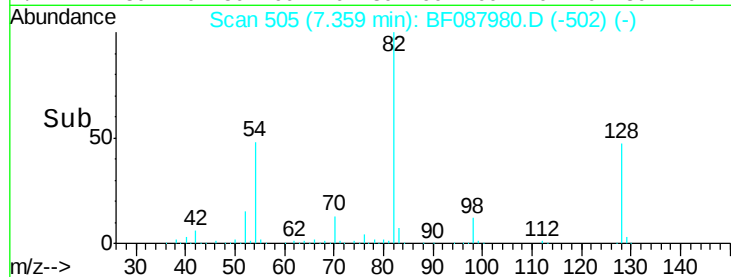
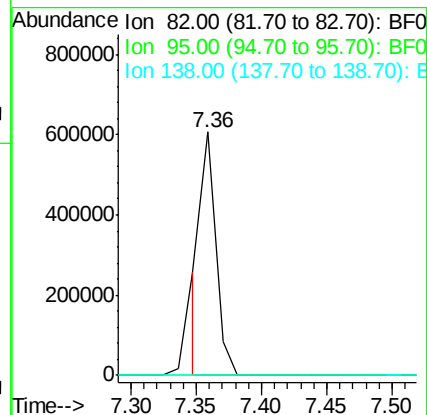
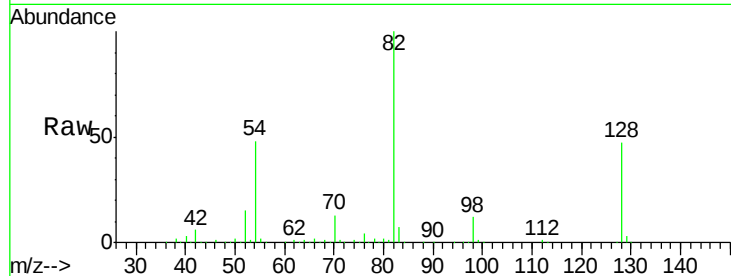
Tgt Ion: 82 Resp: 477462

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF087980.D

Acq: 13 Jun 2016 13:40

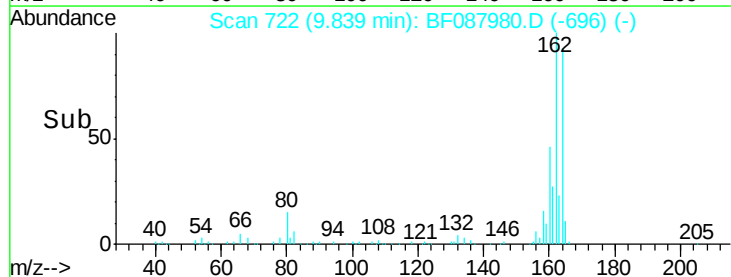
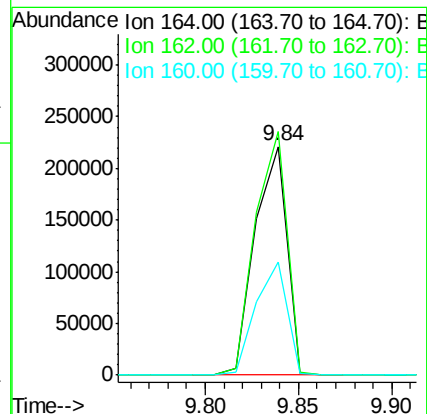
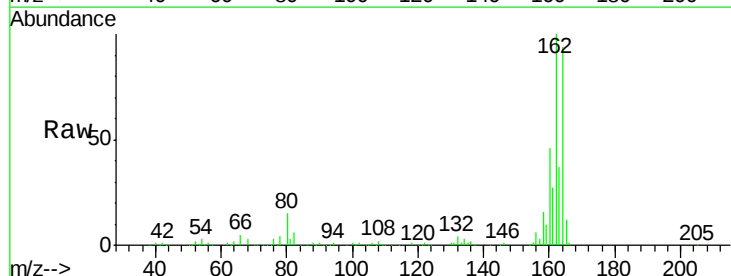
Tgt Ion: 164 Resp: 261609

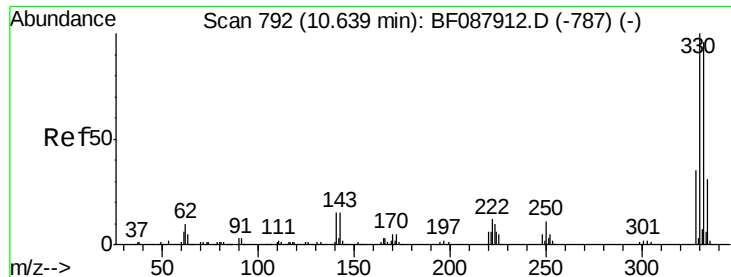
Ion Ratio Lower Upper

164 100

162 106.4 85.4 128.2

160 49.5 39.5 59.3

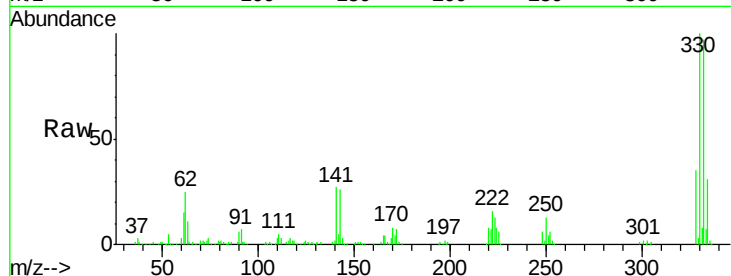




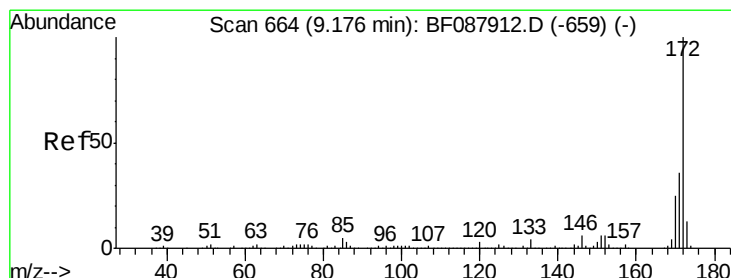
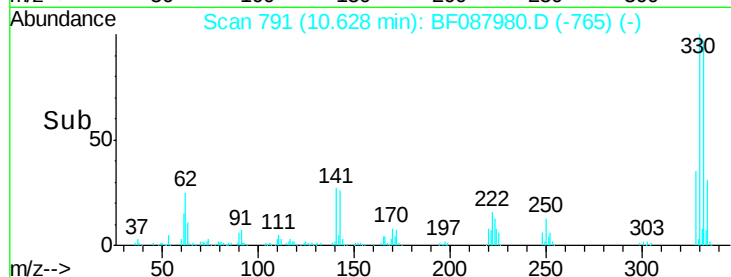
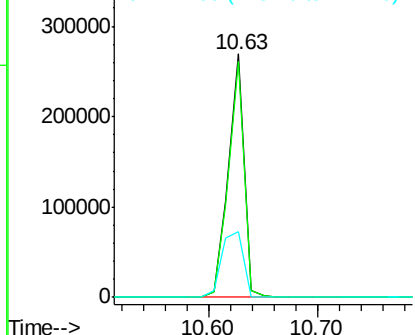
#41
 2,4,6-Tribromophenol
 Concen: 97.75 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF087980.D
 Acq: 13 Jun 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:330 Resp: 270013
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 37.7 0.0 0.0#

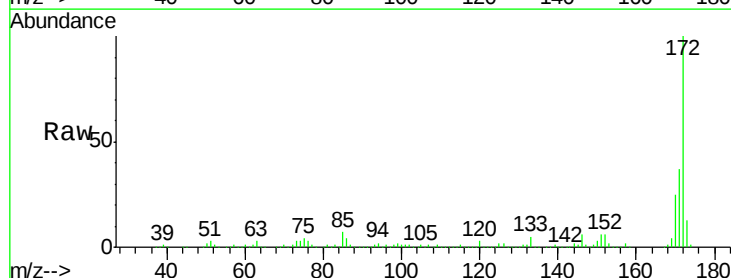


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

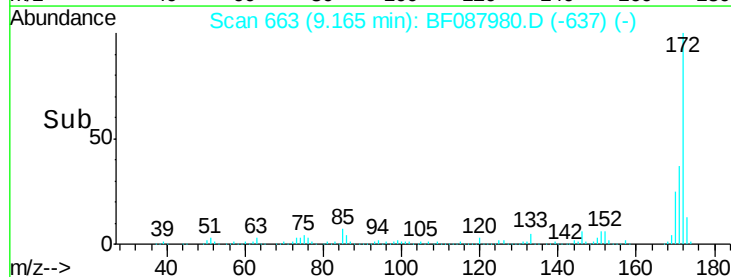
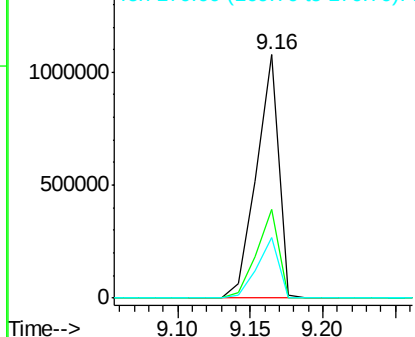


#44
 2-Fluorobiphenyl
 Concen: 67.92 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF087980.D
 Acq: 13 Jun 2016 13:40

Tgt Ion:172 Resp: 1149551
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 25.0 19.2 28.8



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

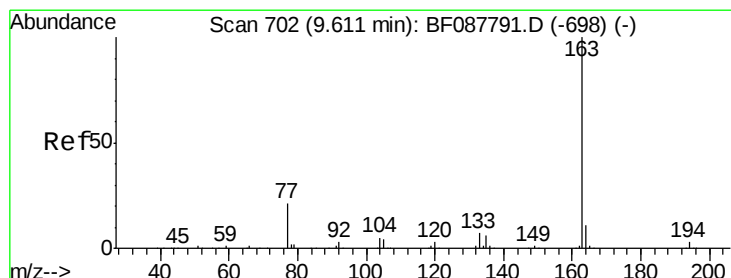
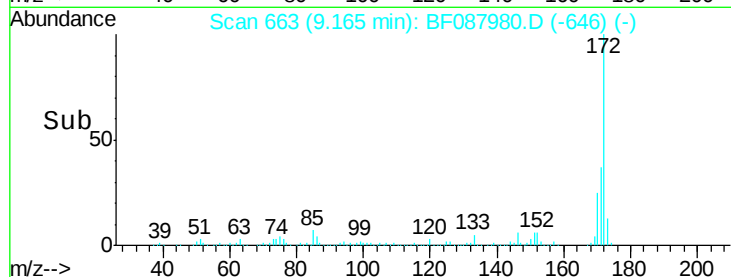
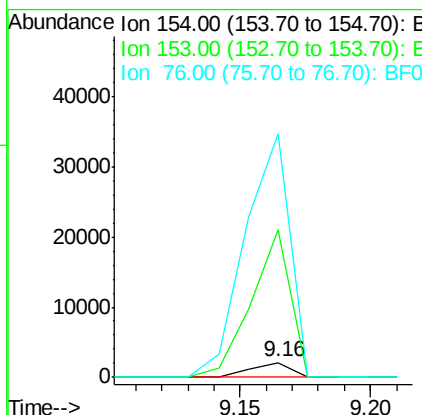
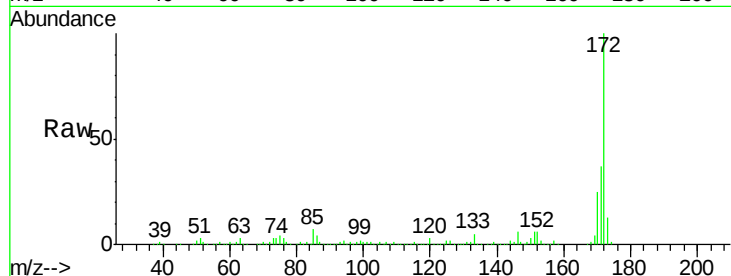




#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.16 min Scan# 663
Delta R.T. -0.10 min
Lab File: BF087980.D
Acq: 13 Jun 2016 13:40

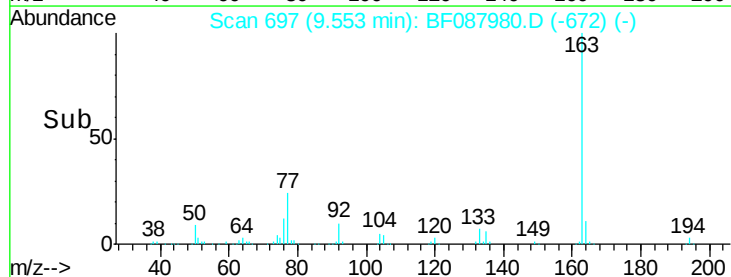
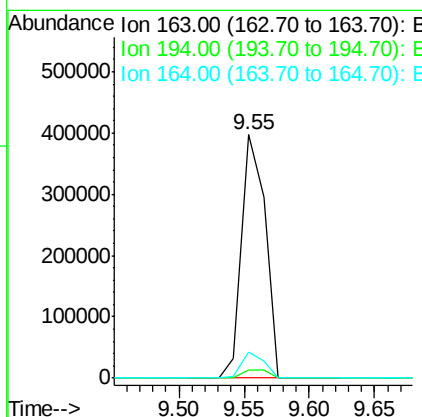
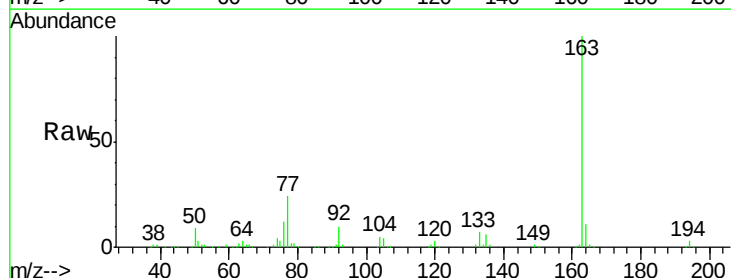
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

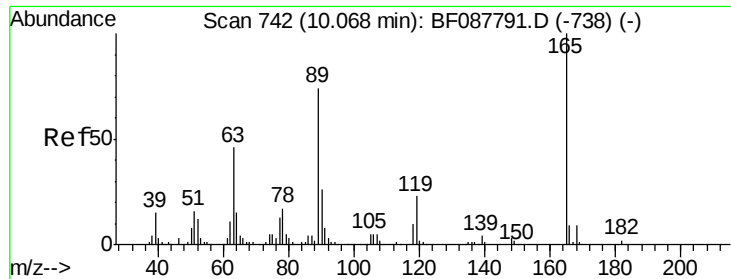
Tgt Ion:154 Resp: 2187
Ion Ratio Lower Upper
154 100
153 988.8 20.6 60.6#
76 1635.0 0.0 35.1#



#49
Dimethylphthalate
Concen: 26.32 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF087980.D
Acq: 13 Jun 2016 13:40

Tgt Ion:163 Resp: 498703
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.9 8.3 12.5

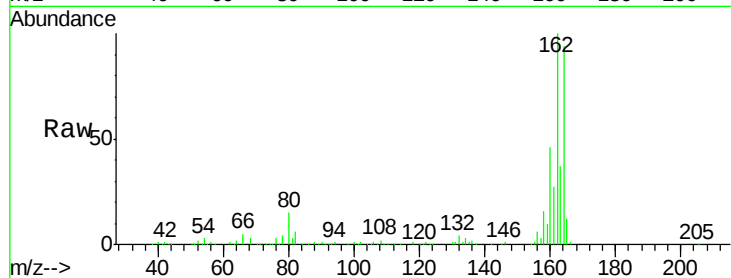




#56
2,4-Dinitrotoluene
Concen: 6.01 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.19 min
Lab File: BF087980.D
Acq: 13 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#



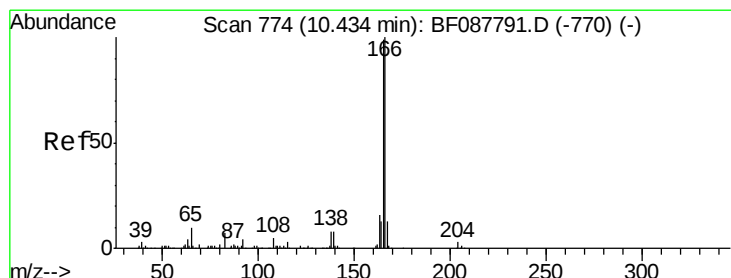
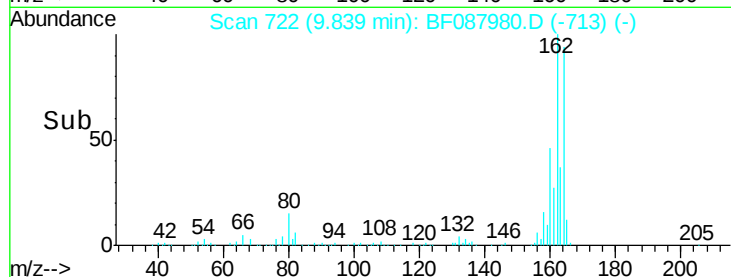
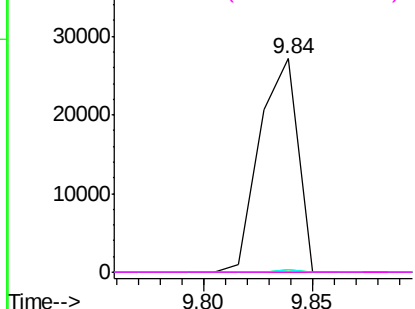
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

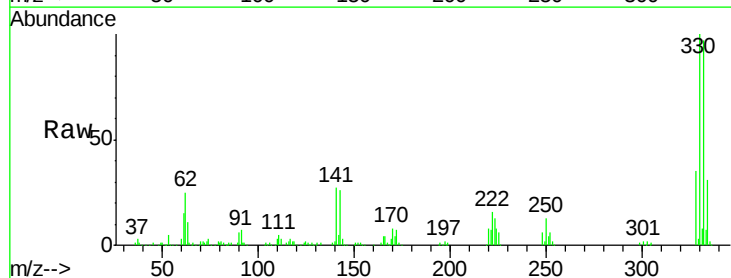
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.63 min Scan# 791
Delta R.T. 0.24 min
Lab File: BF087980.D
Acq: 13 Jun 2016 13:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.8
167	33.5	11.2	16.8#

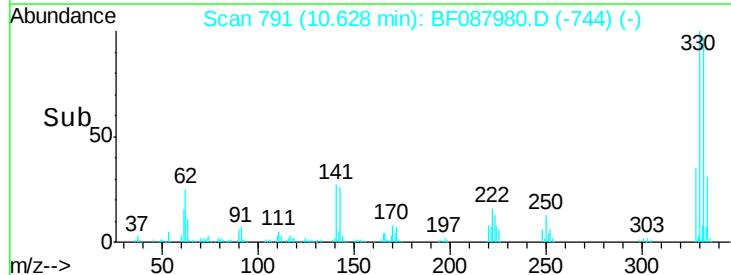
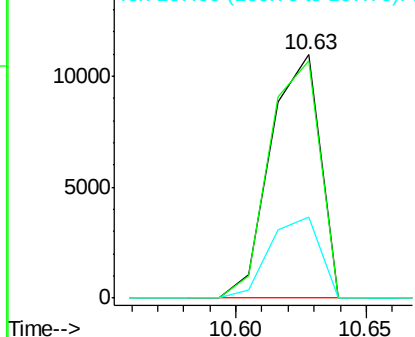


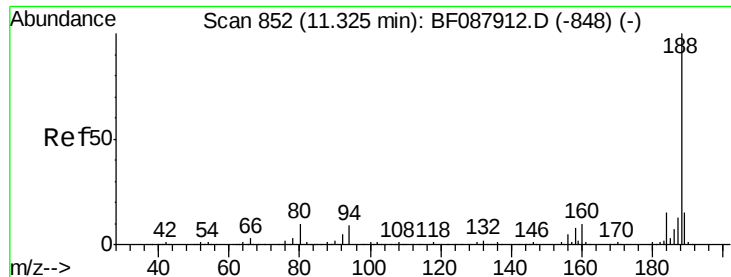
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

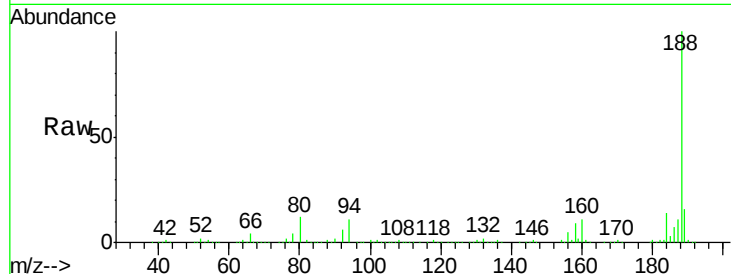




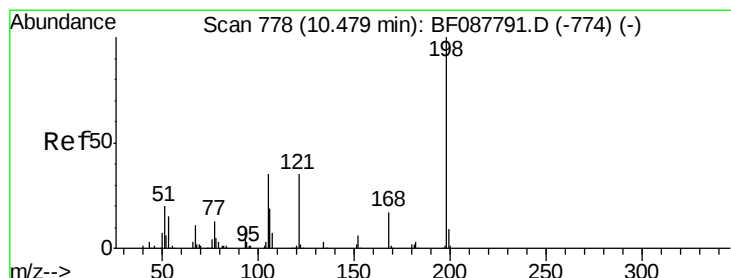
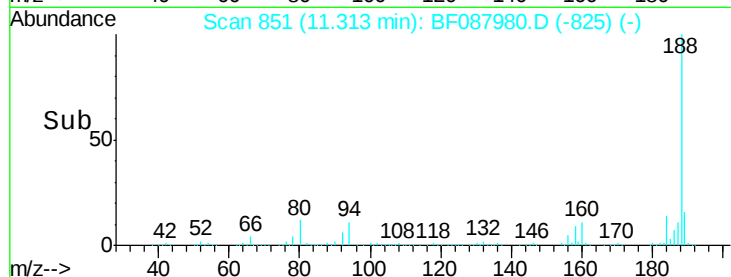
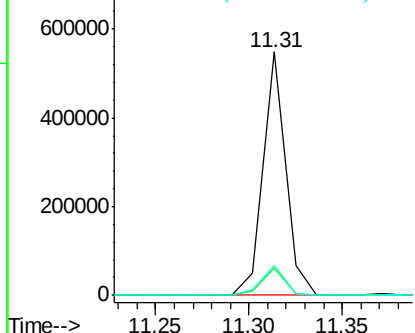
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF087980.D
 Acq: 13 Jun 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:188 Resp: 459367
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.0 13.6
 80 12.1 10.0 15.0

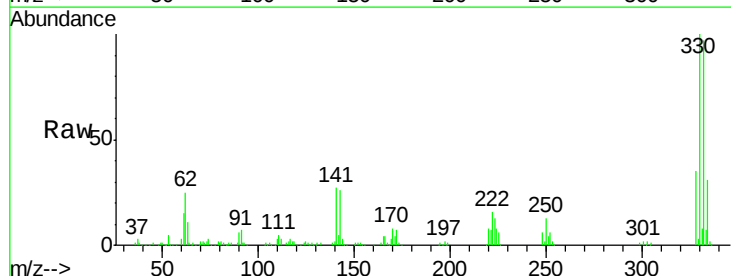


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

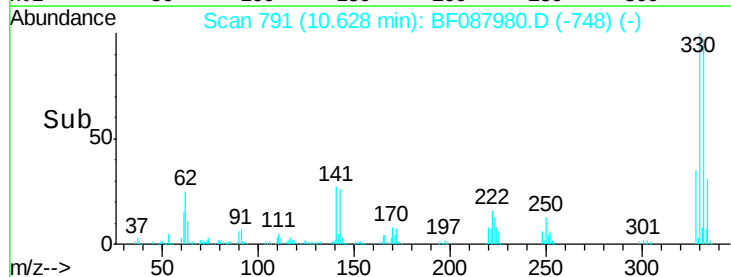
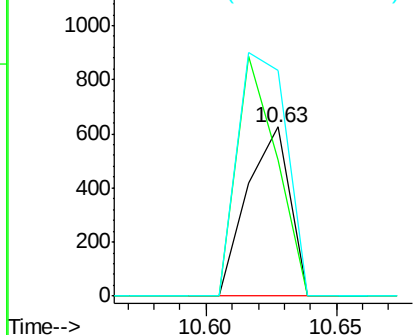


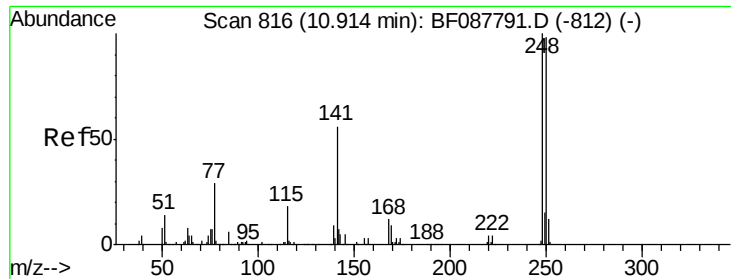
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.40 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.19 min
 Lab File: BF087980.D
 Acq: 13 Jun 2016 13:40

Tgt Ion:198 Resp: 715
 Ion Ratio Lower Upper
 198 100
 51 80.3 39.6 79.6#
 105 133.3 36.6 76.6#



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

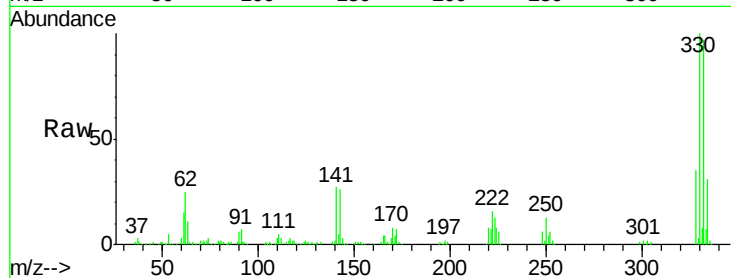




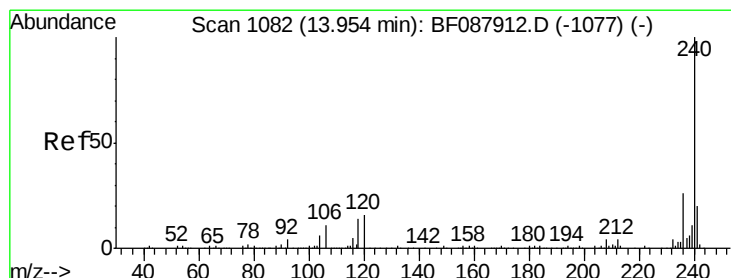
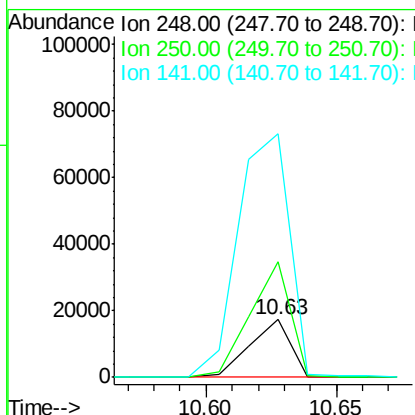
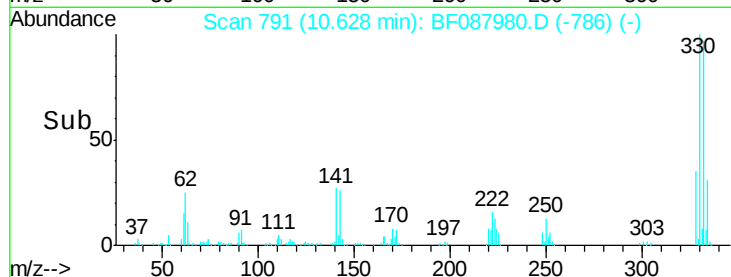
#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.24 min
Lab File: BF087980.D
Acq: 13 Jun 2016 13:40

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:248 Resp: 18838
Ion Ratio Lower Upper
248 100
250 199.2 77.1 115.7#
141 420.6 50.6 76.0#

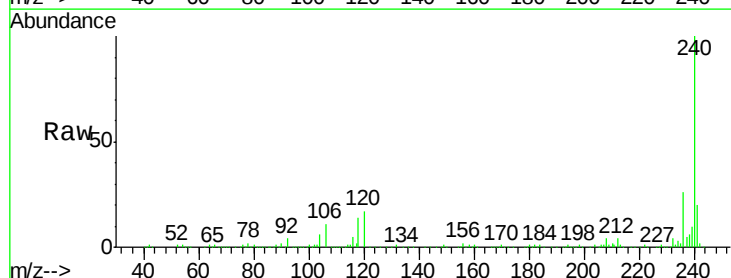


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

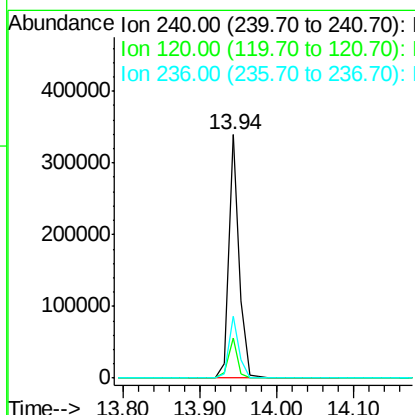
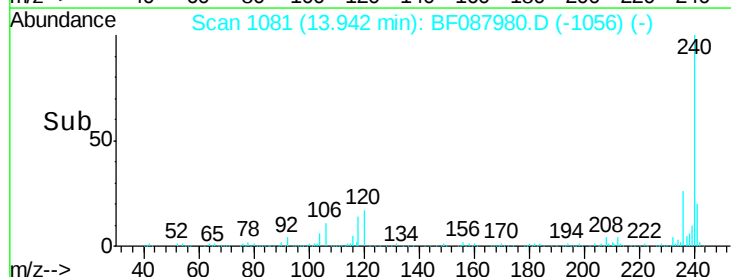


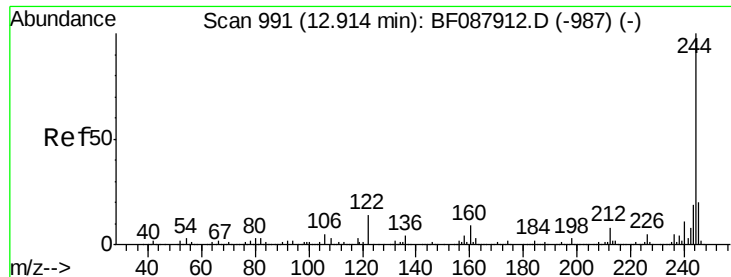
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF087980.D
Acq: 13 Jun 2016 13:40

Tgt Ion:240 Resp: 327023
Ion Ratio Lower Upper
240 100
120 16.6 6.8 10.2#
236 25.7 20.2 30.2



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

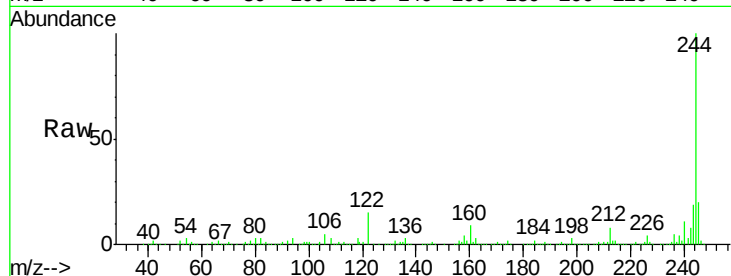




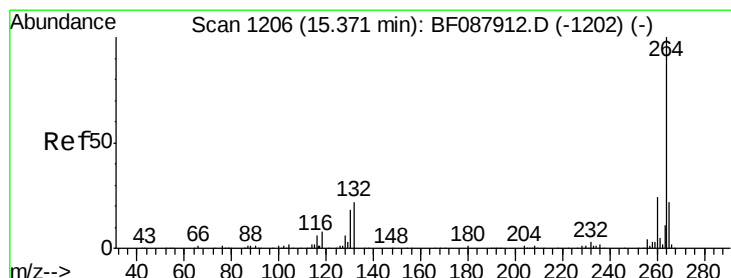
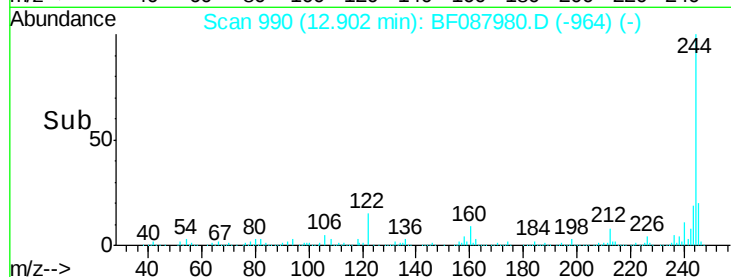
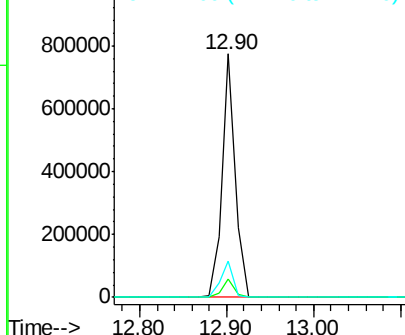
#78
 Terphenyl-d14
 Concen: 57.21 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF087980.D
 Acq: 13 Jun 2016 13:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:244 Resp: 822122
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 15.0 11.2 16.8

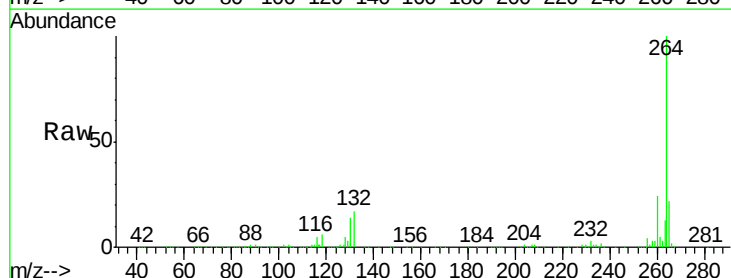


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF087980.D
 Acq: 13 Jun 2016 13:40

Tgt Ion:264 Resp: 295661
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.5 16.9 25.3



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

