

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
 Data File : BF087870.D
 Acq On : 10 Jun 2016 13:06
 Operator : UM/SJ
 Sample : H3426-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 10 14:02:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

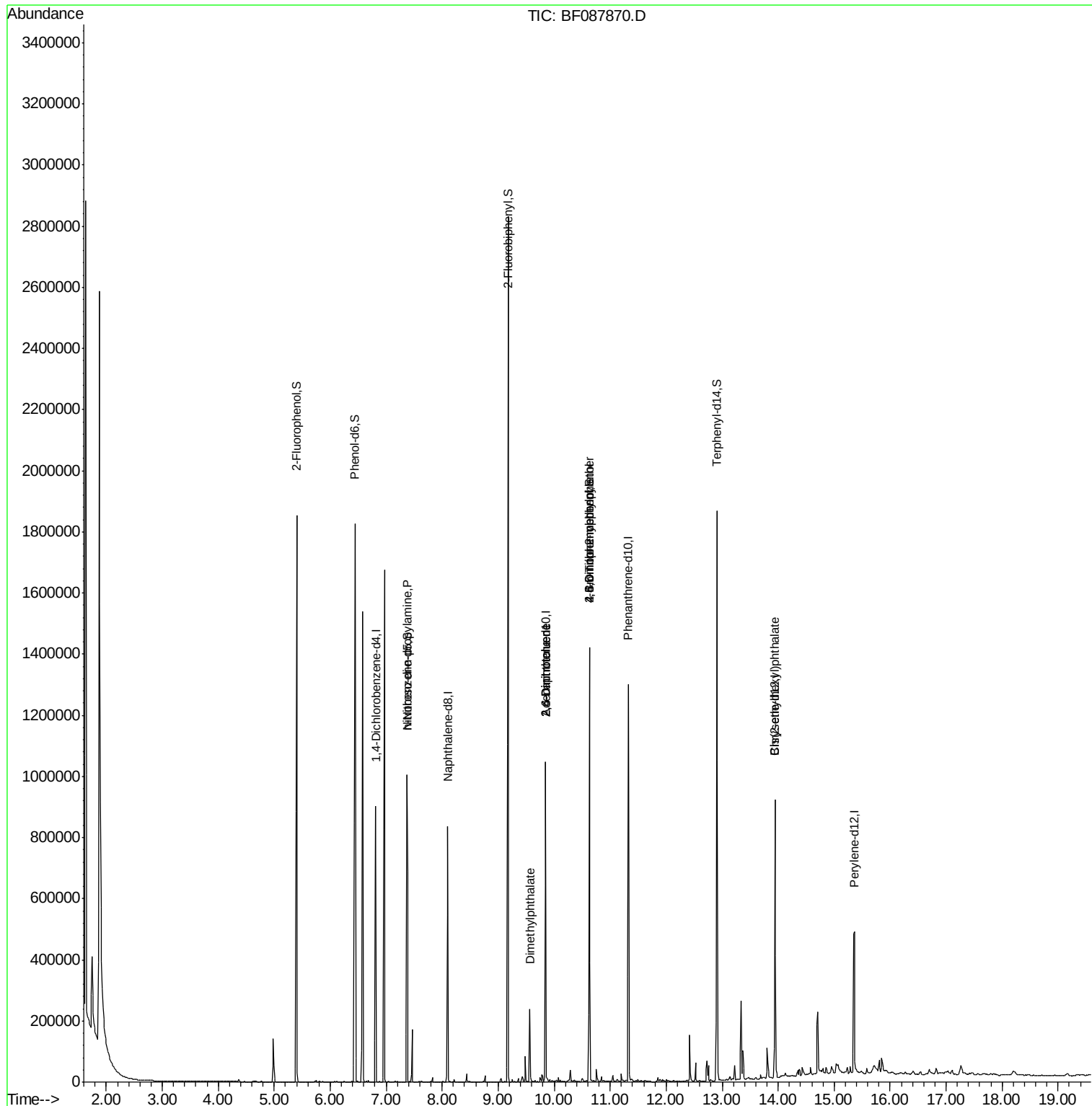
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129544	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	497109	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	254495	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	460087	20.00	ng	-0.03
75) Chrysene-d12	13.94	240	277789	20.00	ng	-0.05
86) Perylene-d12	15.36	264	259801	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	581430	76.73	ng	-0.02
7) Phenol-d6	6.44	99	717681	78.15	ng	-0.03
23) Nitrobenzene-d5	7.37	82	444192	52.18	ng	-0.05
41) 2,4,6-Tribromophenol	10.63	330	175144	65.18	ng	-0.05
44) 2-Fluorobiphenyl	9.18	172	933116	55.69	ng	-0.03
78) Terphenyl-d14	12.90	244	717472	58.77	ng	-0.05
Target Compounds						
10) Phenol	6.46	94	8257	Below Cal		Qvalue 96
19) n-Nitroso-di-n-propylamine	7.37	70	56640	9.64 ng	#	75
45) 1,1'-Biphenyl	9.27	154	213	Below Cal	#	43
49) Dimethylphthalate	9.56	163	90420	4.90 ng		99
50) 2,6-Dinitrotoluene	9.85	165	32934	7.80 ng	#	40
56) 2,4-Dinitrotoluene	9.85	165	32934	6.07 ng	#	38
57) Fluorene	10.39	166	324	Below Cal	#	79
64) 4,6-Dinitro-2-methylphenol	10.63	198	315	2.27 ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	10910	2.21 ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.94	149	58900	5.31 ng	#	98

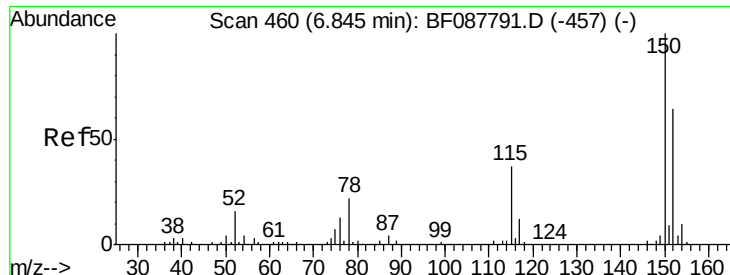
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

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SSTDCCC040

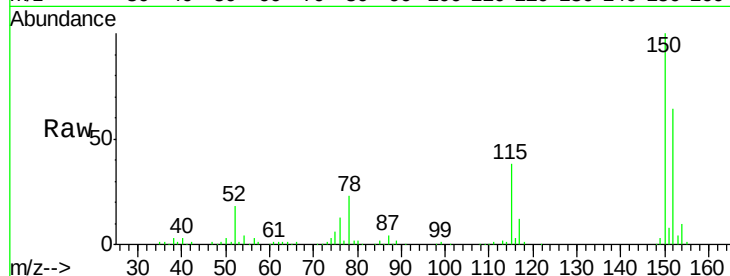
Tgt Ion:152 Resp: 129544

Ion Ratio Lower Upper

152 100

150 155.6 123.8 185.6

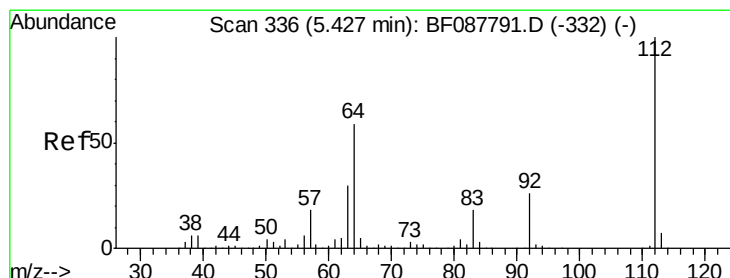
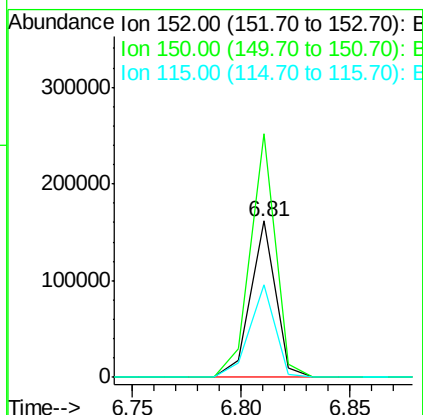
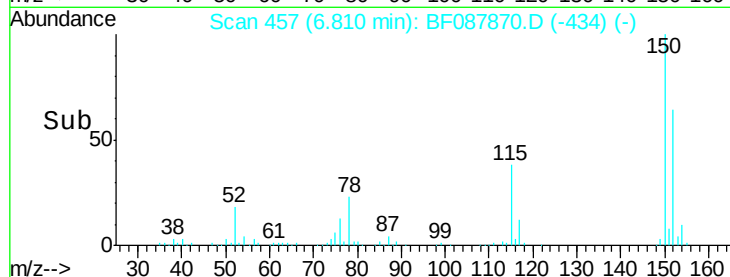
115 59.0 39.6 59.4



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: 76.73 ng

RT: 5.40 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

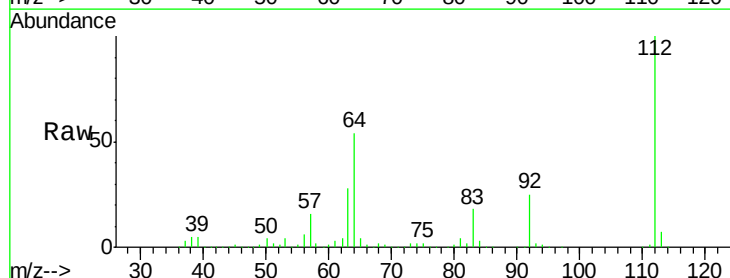
Tgt Ion:112 Resp: 581430

Ion Ratio Lower Upper

112 100

64 53.6 42.2 63.2

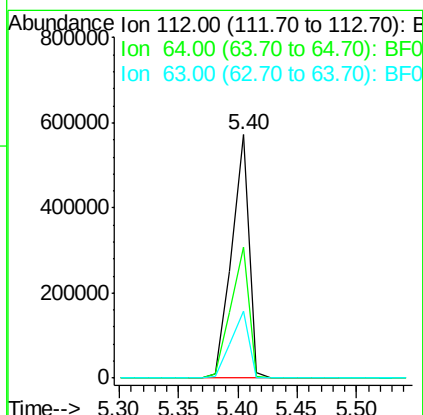
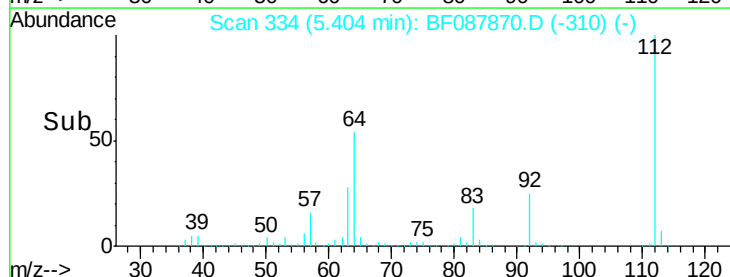
63 27.5 21.8 32.8

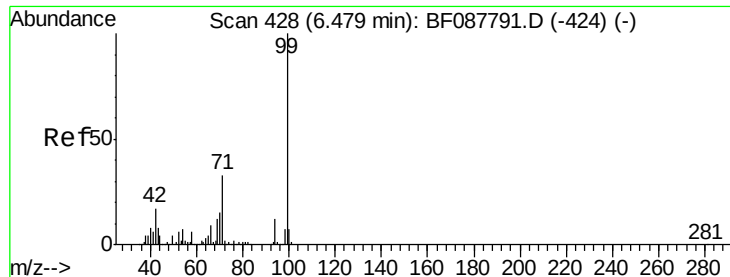


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.15 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

Instrument :

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ClientSampleId :

SSTDCCC040

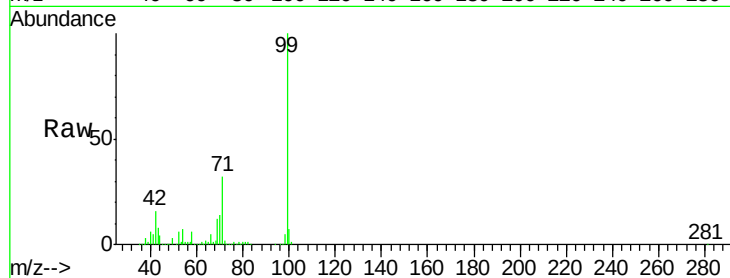
Tgt Ion: 99 Resp: 717681

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

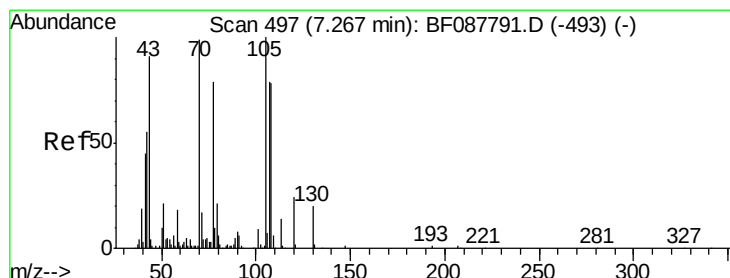
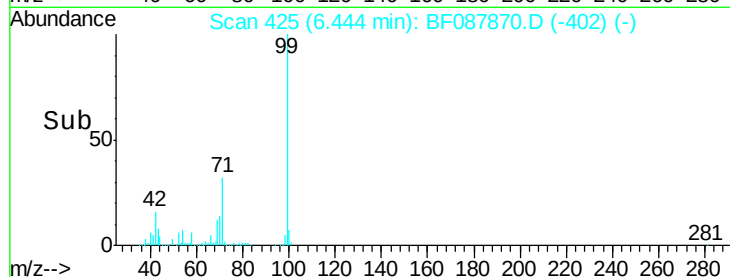
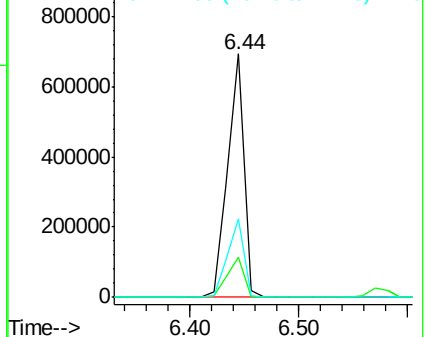
71 32.5 23.4 35.0



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: 9.64 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.10 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

Tgt Ion: 70 Resp: 56640

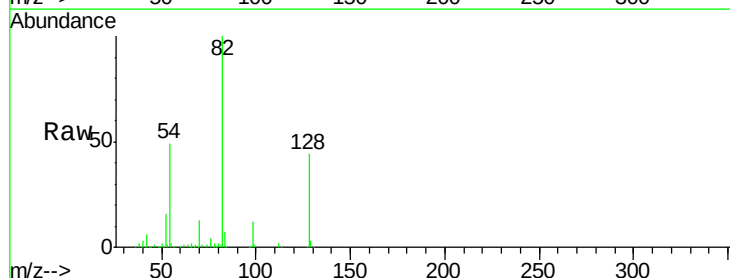
Ion Ratio Lower Upper

70 100

42 45.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#

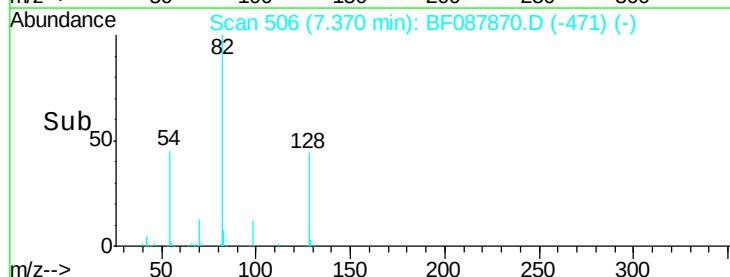
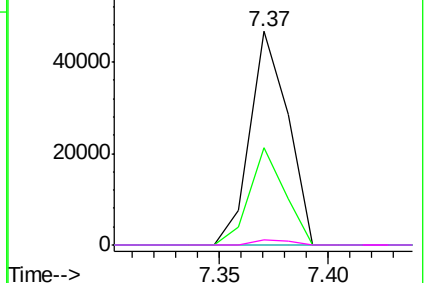


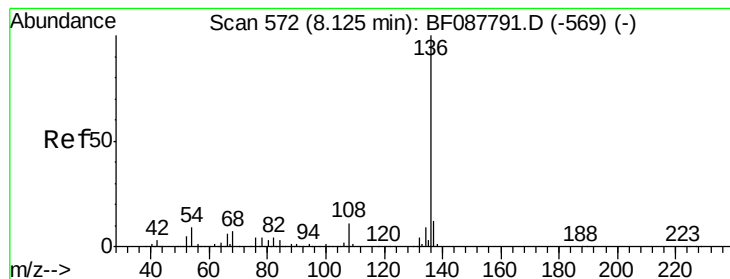
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.10 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 136 Resp: 497109

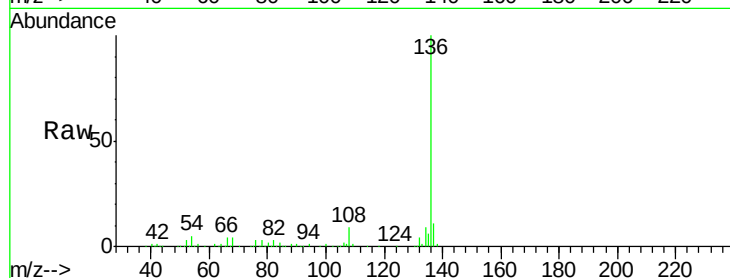
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.1 6.6 10.0#

68 4.4 5.1 7.7#

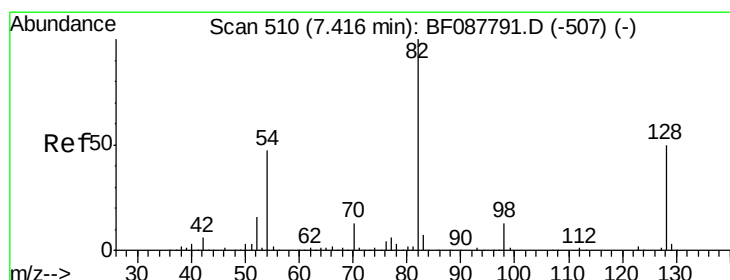
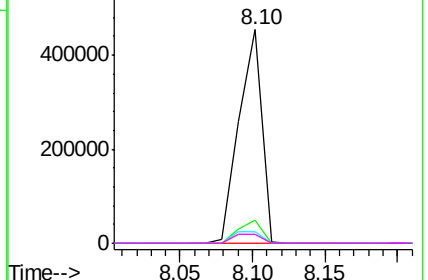
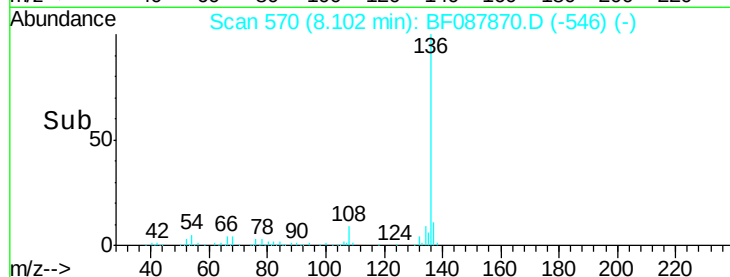


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.18 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.05 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

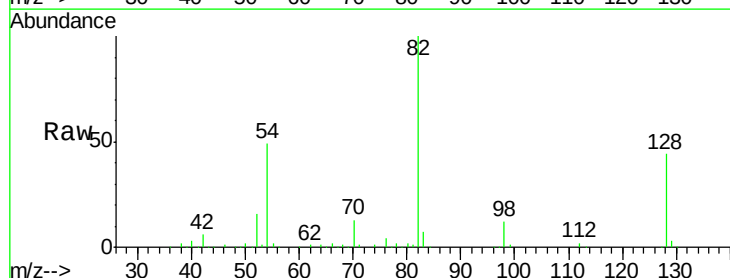
Tgt Ion: 82 Resp: 444192

Ion Ratio Lower Upper

82 100

128 44.4 35.9 53.9

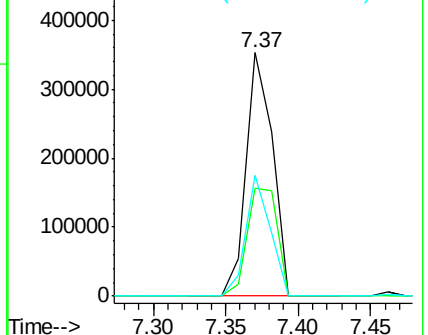
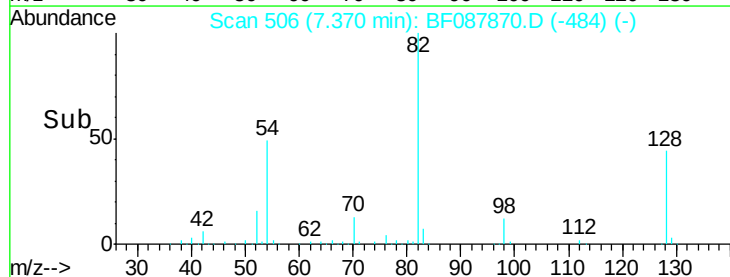
54 49.5 40.9 61.3

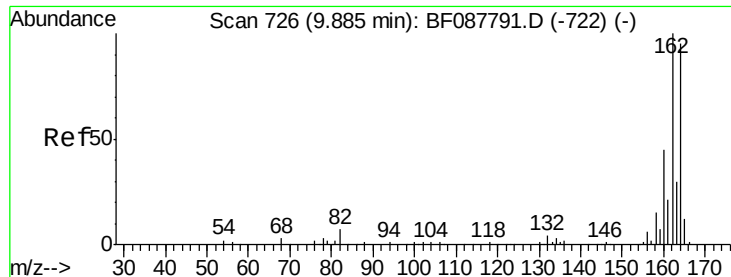


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

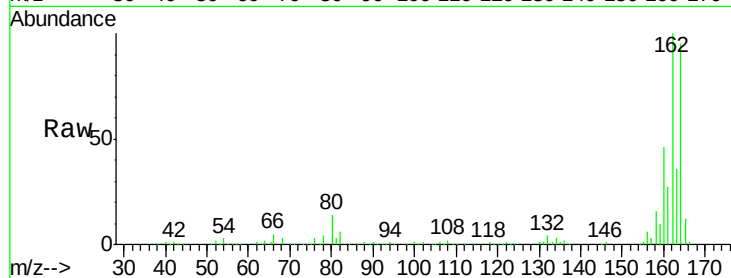
Tgt Ion:164 Resp: 254495

Ion Ratio Lower Upper

164 100

162 105.4 85.4 128.2

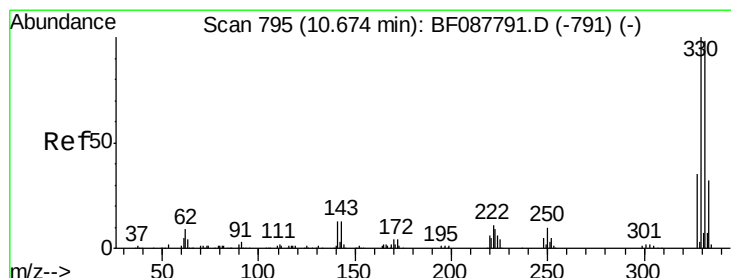
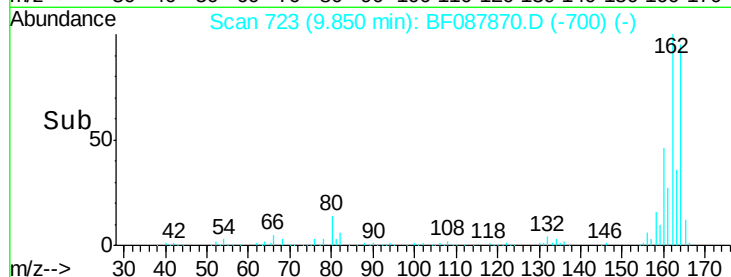
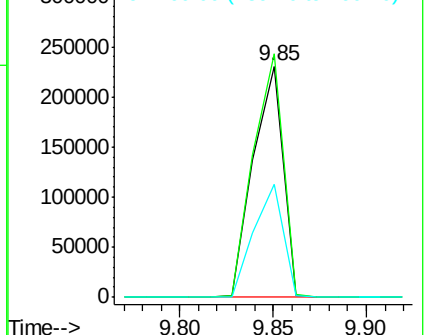
160 48.9 39.5 59.3



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: 65.18 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.05 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

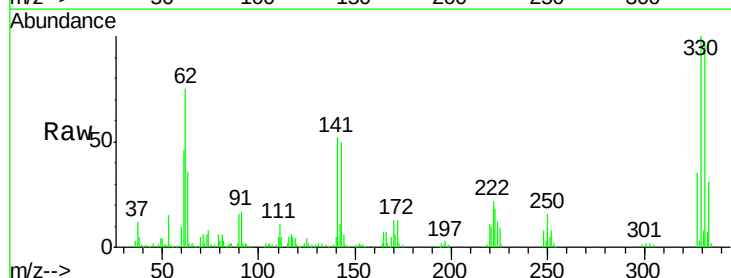
Tgt Ion:330 Resp: 175144

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

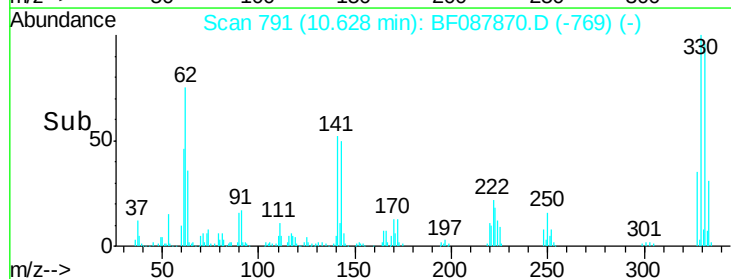
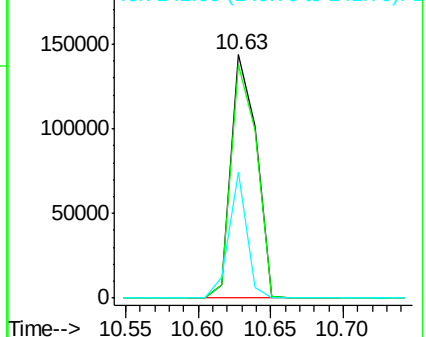
141 36.4 0.0 0.0#

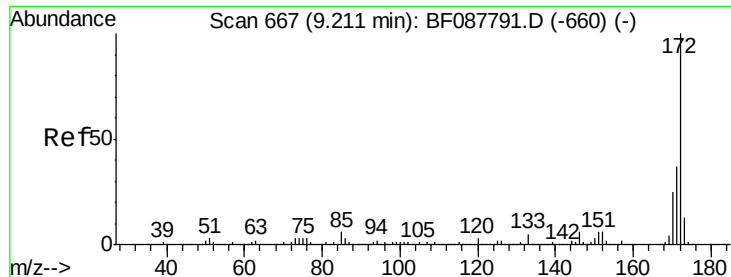


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

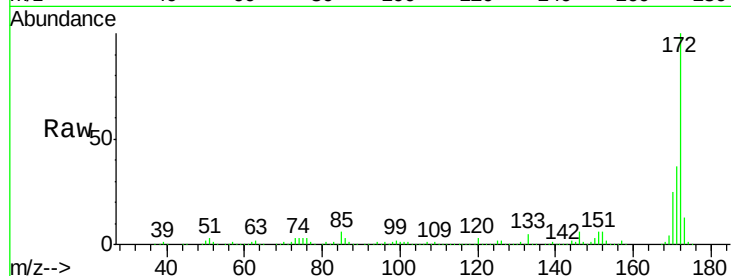




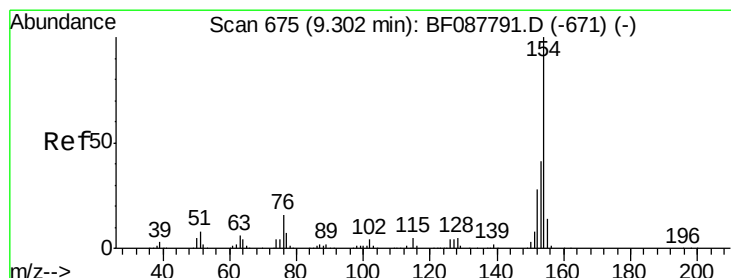
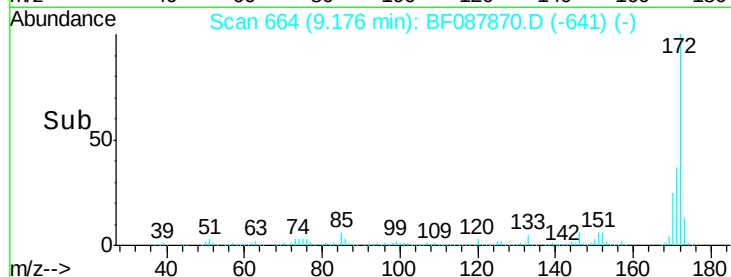
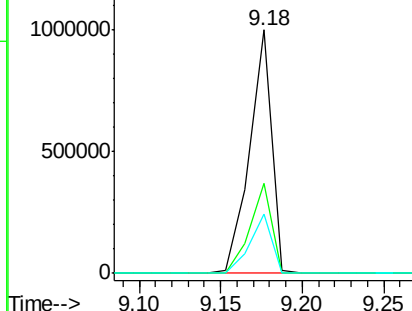
#44
2-Fluorobiphenyl
Concen: 55.69 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087870.D
Acq: 10 Jun 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 933116
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 24.5 19.2 28.8

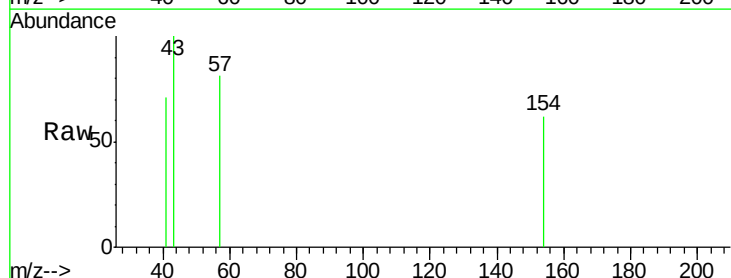


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

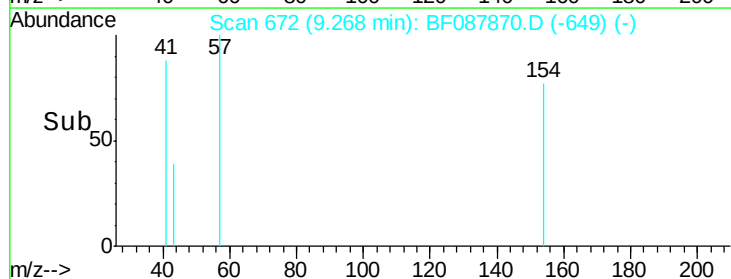
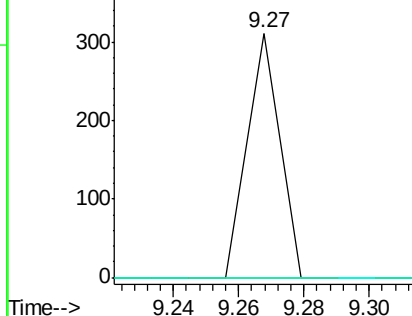


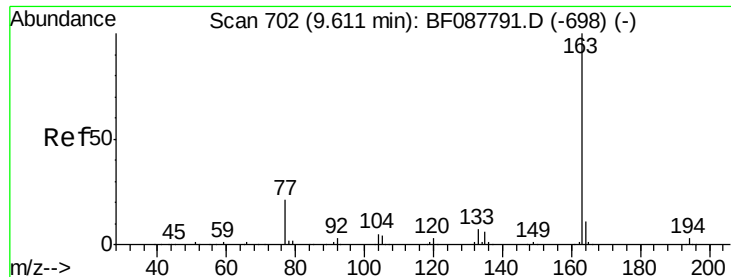
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF087870.D
Acq: 10 Jun 2016 13:06

Tgt Ion:154 Resp: 213
Ion Ratio Lower Upper
154 100
153 0.0 20.6 60.6#
76 0.0 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0





#49

Dimethylphthalate

Concen: 4.90 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

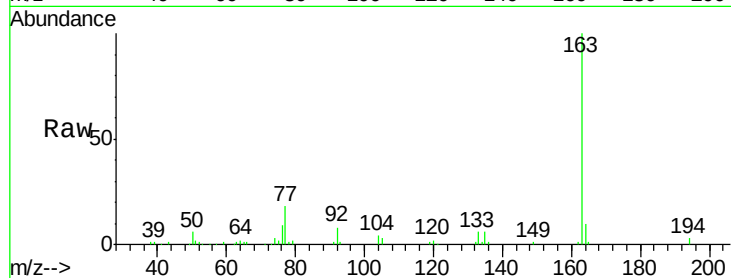
Tgt Ion:163 Resp: 90420

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

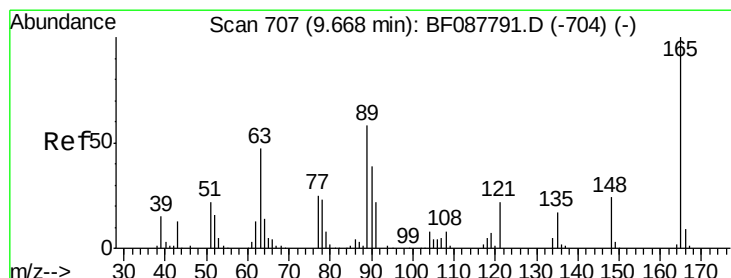
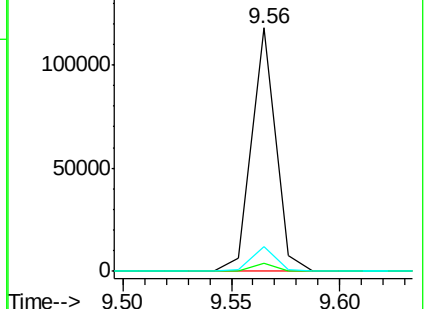
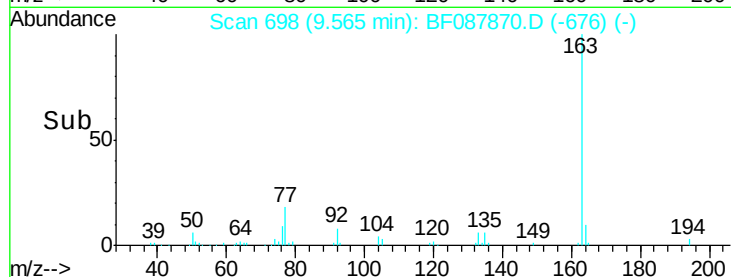
164 9.9 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 7.80 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.18 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

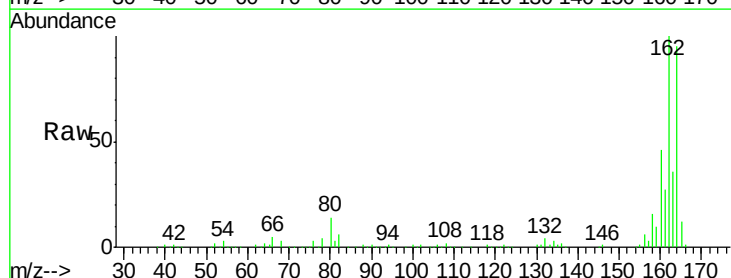
Tgt Ion:165 Resp: 32934

Ion Ratio Lower Upper

165 100

63 1.2 28.1 42.1#

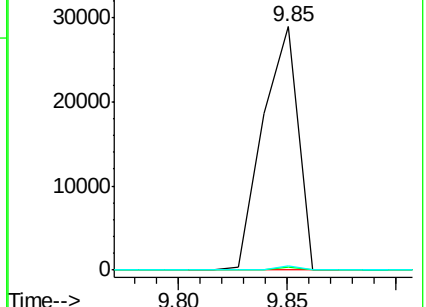
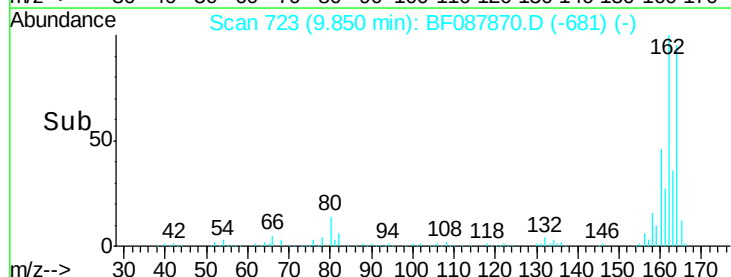
89 1.6 32.2 48.2#

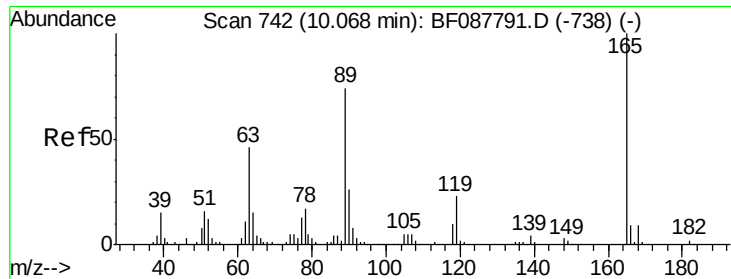


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

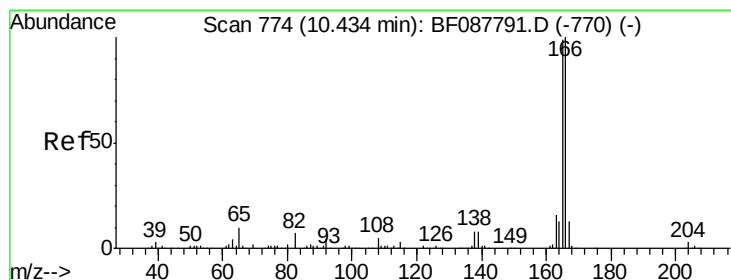
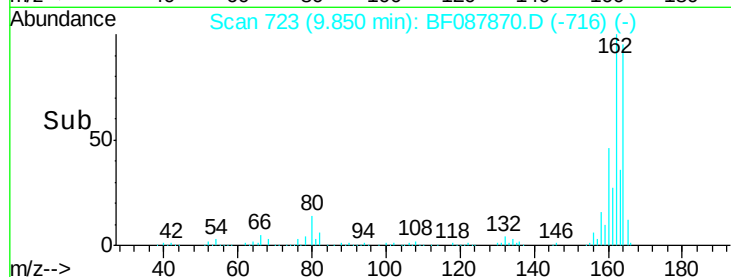
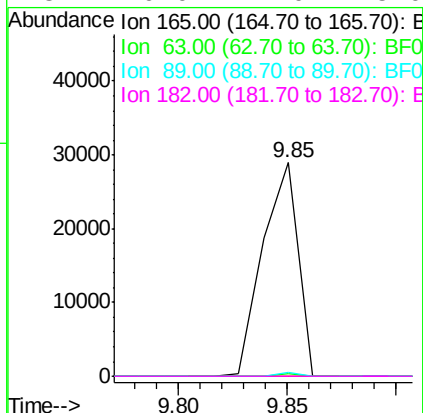
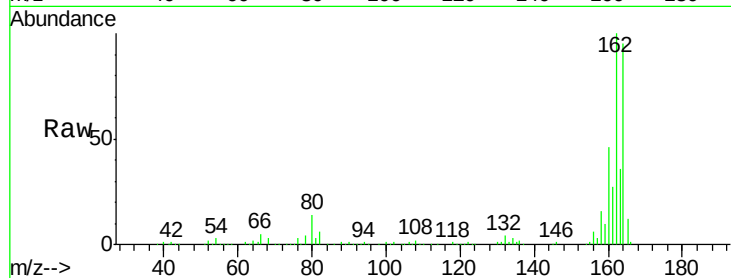




#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087870.D
Acq: 10 Jun 2016 13:06

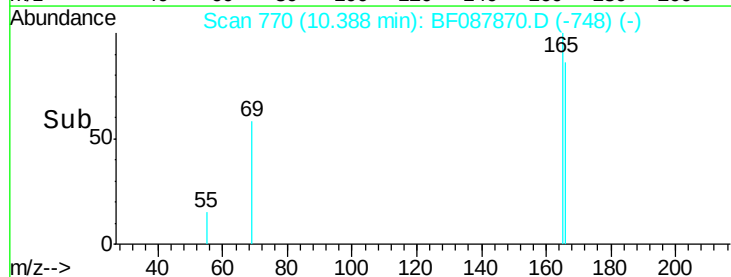
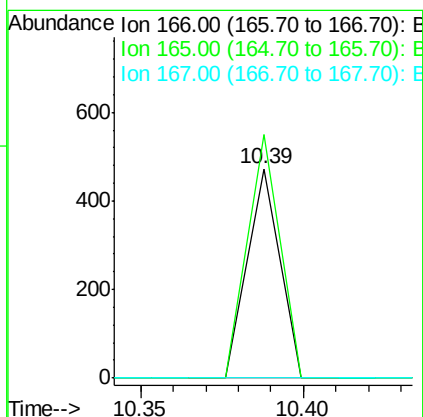
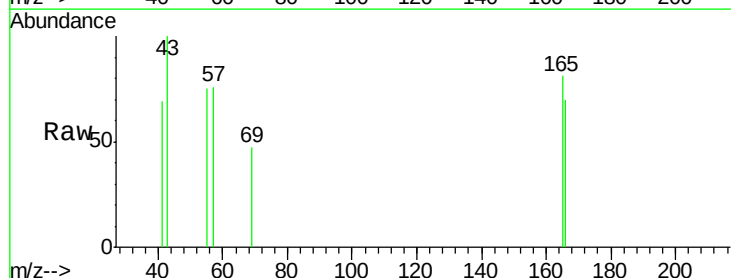
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

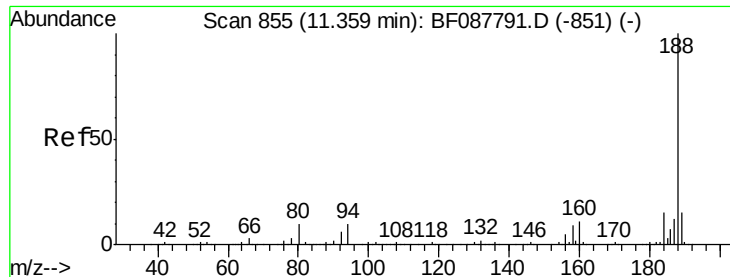
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087870.D
Acq: 10 Jun 2016 13:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	116.3	77.8	116.8
167	0.0	11.2	16.8#

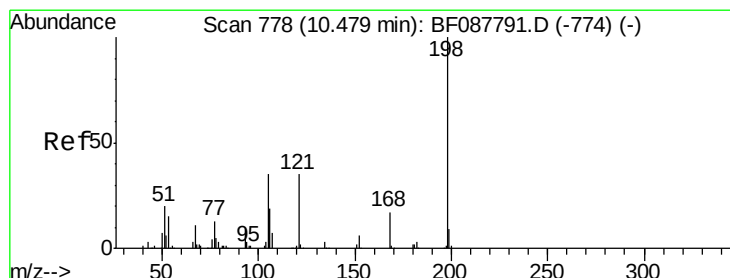
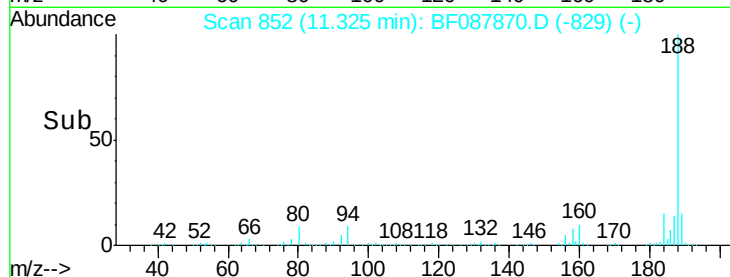
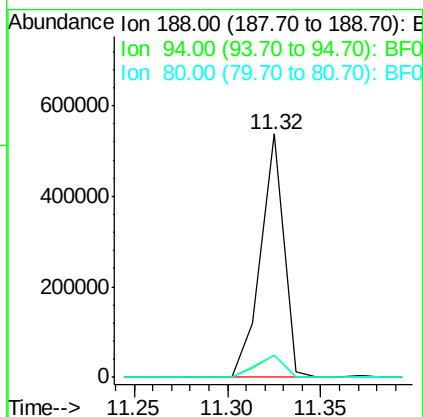
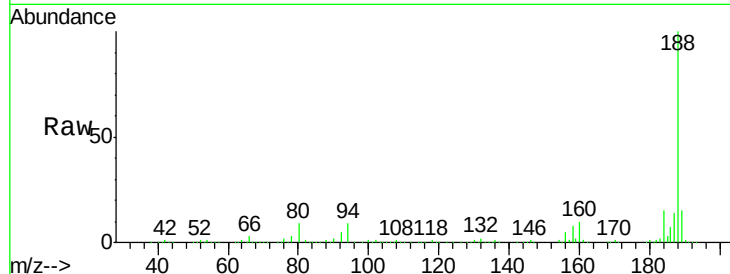




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.03 min
 Lab File: BF087870.D
 Acq: 10 Jun 2016 13:06

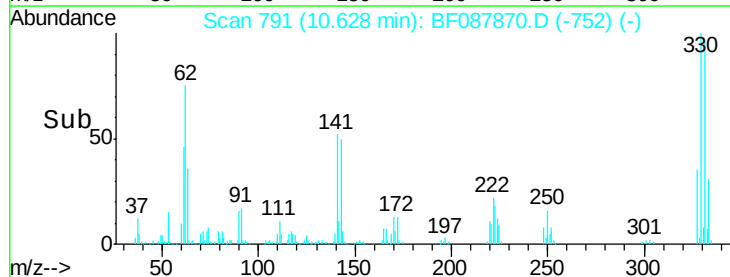
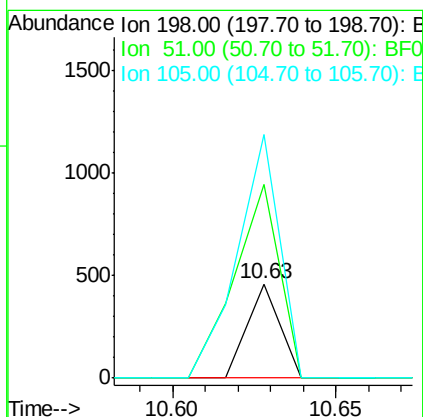
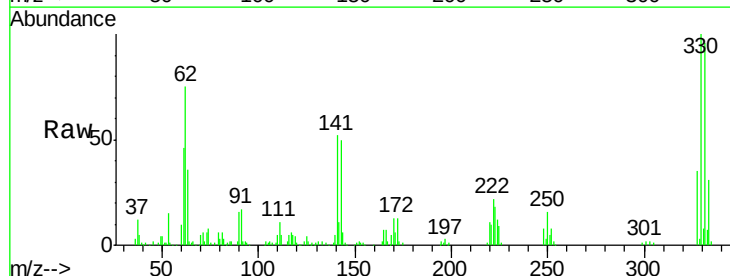
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

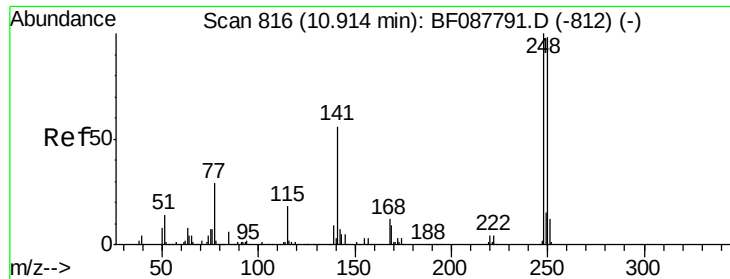
Tgt Ion:188 Resp: 460087
 Ion Ratio Lower Upper
 188 100
 94 8.9 9.0 13.6#
 80 9.0 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.27 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.15 min
 Lab File: BF087870.D
 Acq: 10 Jun 2016 13:06

Tgt Ion:198 Resp: 315
 Ion Ratio Lower Upper
 198 100
 51 206.5 39.6 79.6#
 105 259.0 36.6 76.6#

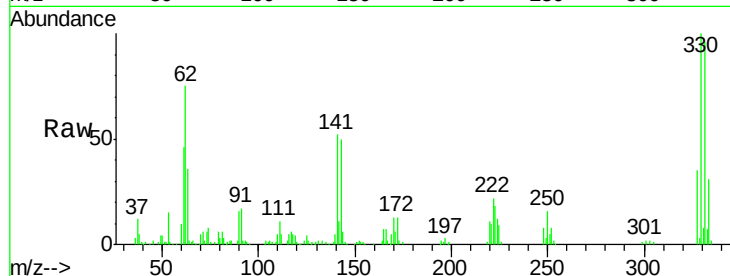




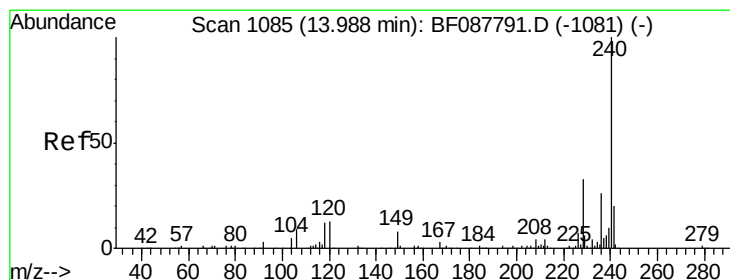
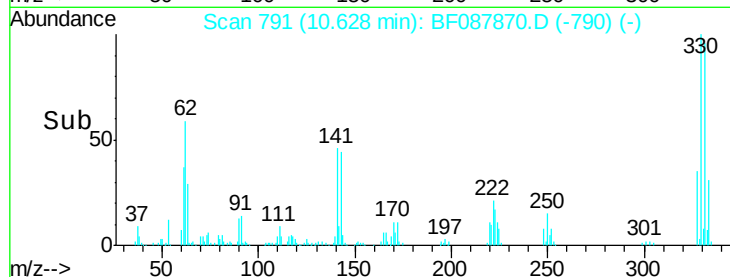
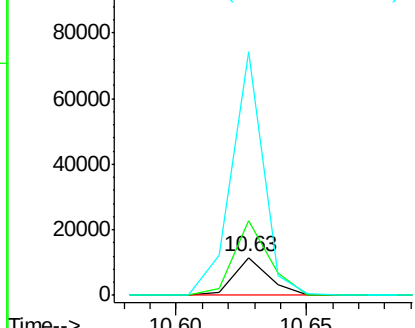
#66
4-Bromophenyl-phenylether
Concen: 2.21 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.29 min
Lab File: BF087870.D
Acq: 10 Jun 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 10910
Ion Ratio Lower Upper
248 100
250 195.3 77.1 115.7#
141 639.9 50.6 76.0#

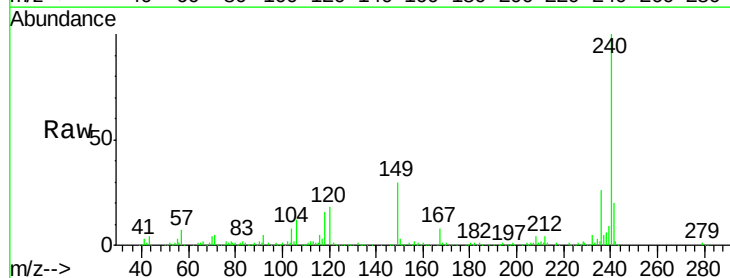


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

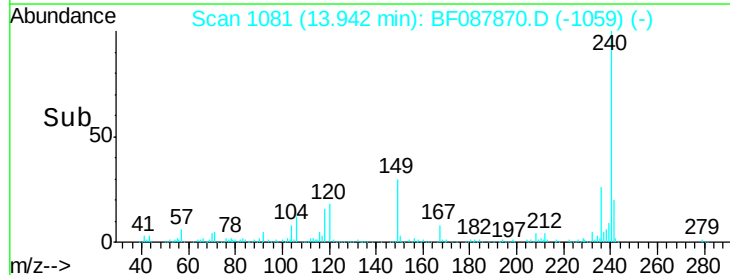
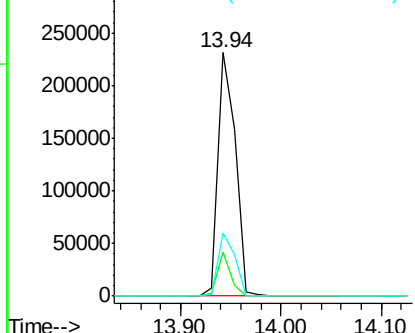


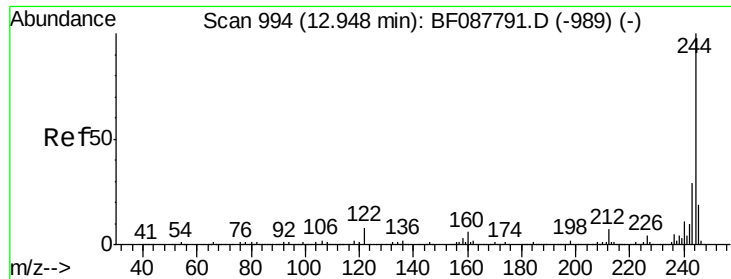
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.05 min
Lab File: BF087870.D
Acq: 10 Jun 2016 13:06

Tgt Ion:240 Resp: 277789
Ion Ratio Lower Upper
240 100
120 17.9 6.8 10.2#
236 25.8 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: 58.77 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.05 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

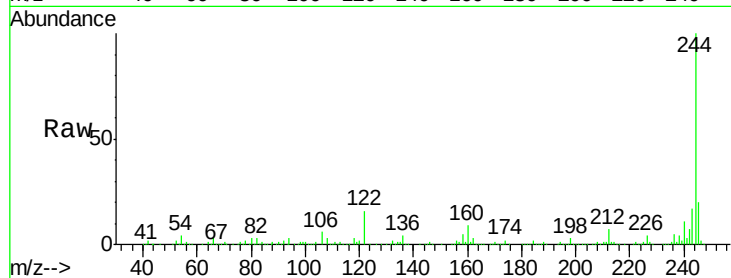
Tgt Ion:244 Resp: 717472

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

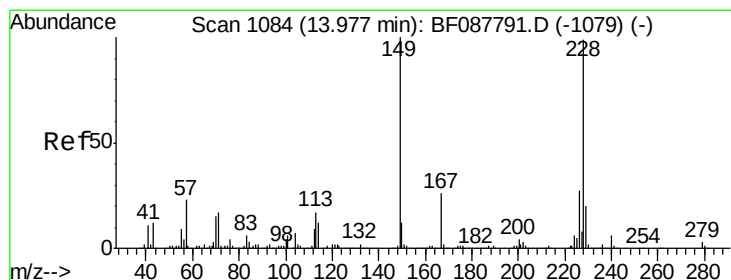
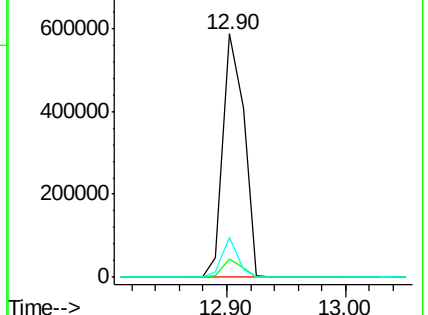
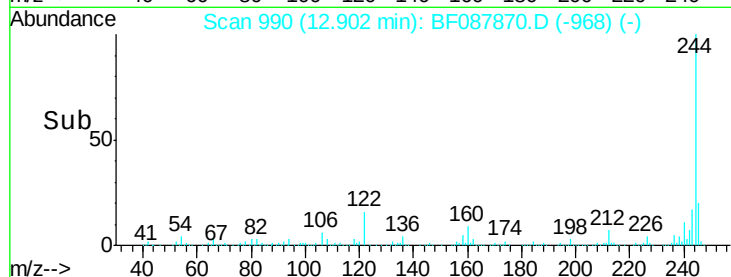
122 16.4 11.2 16.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.31 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.03 min

Lab File: BF087870.D

Acq: 10 Jun 2016 13:06

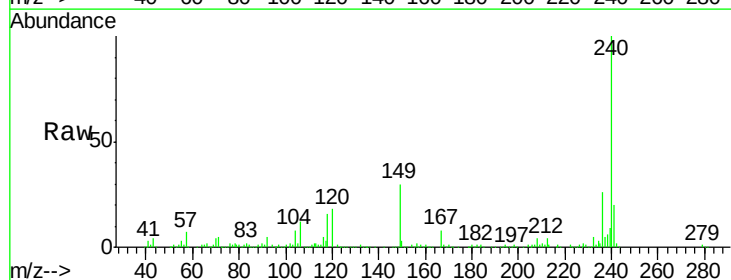
Tgt Ion:149 Resp: 58900

Ion Ratio Lower Upper

149 100

167 26.4 20.5 30.7

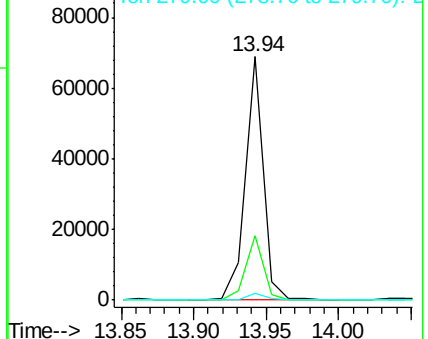
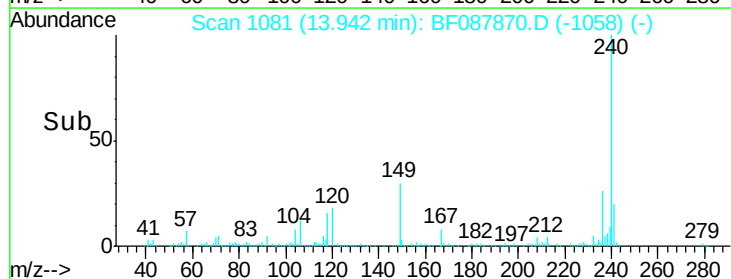
279 3.0 2.0 3.0#

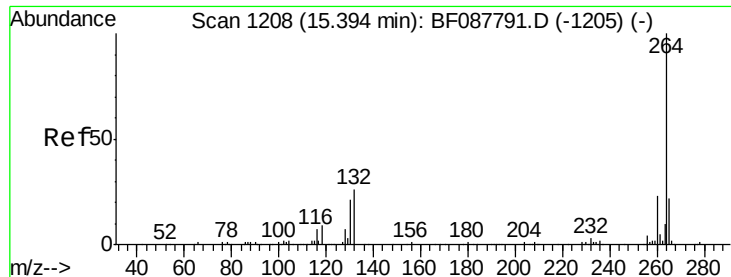


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087870.D
Acq: 10 Jun 2016 13:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	16.9	25.3

