

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
 Data File : BF087119.D
 Acq On : 17 May 2016 23:25
 Operator : UM/SJ
 Sample : PB90666BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

Quant Time: May 18 01:51:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

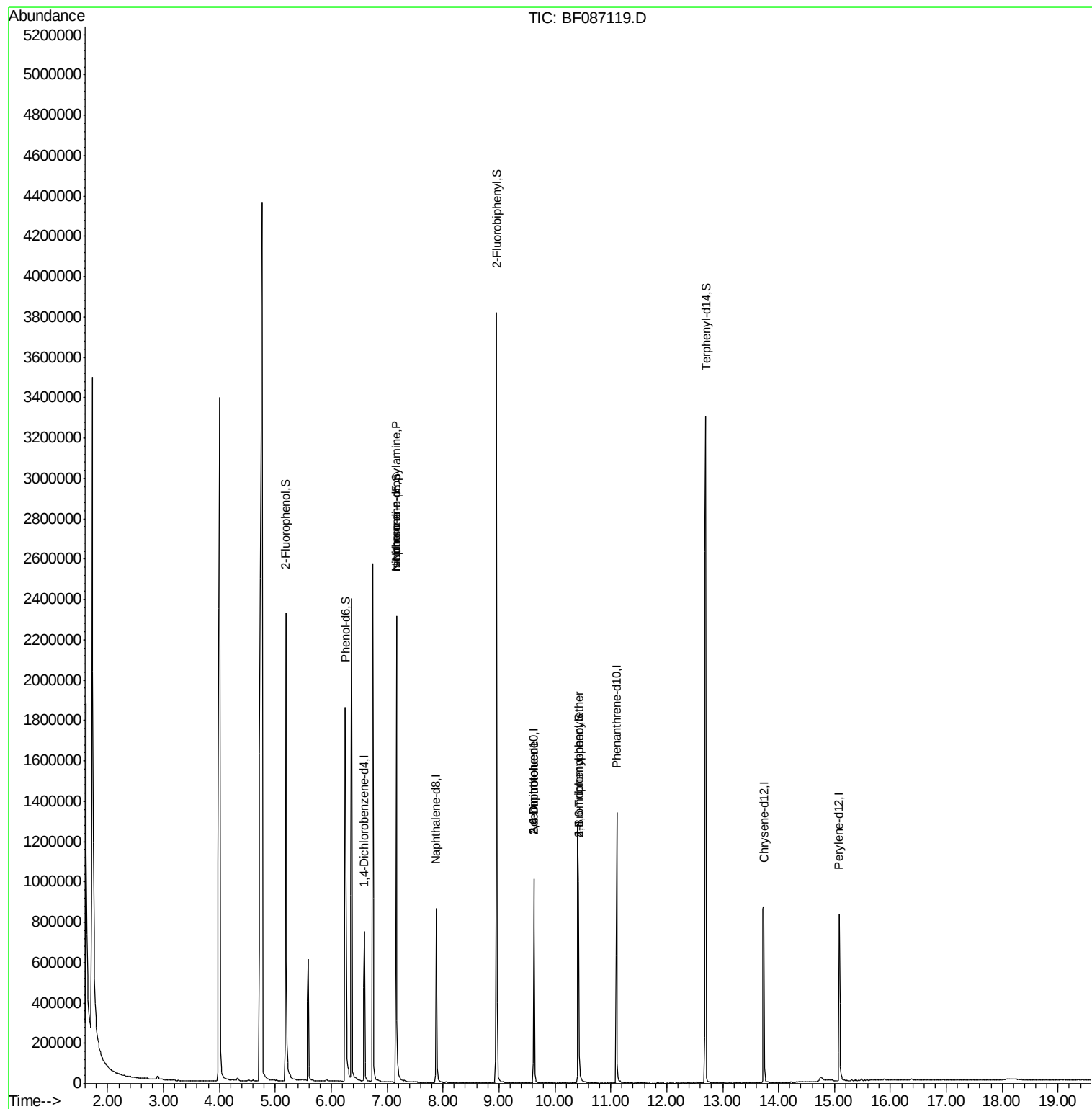
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	135068	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	558804	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	275030	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	575040	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	466533	20.00	ng	-0.02
86) Perylene-d12	15.09	264	372012	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	602946	75.03	ng	-0.01
7) Phenol-d6	6.25	99	750250	69.61	ng	-0.03
23) Nitrobenzene-d5	7.16	82	754575	67.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	213137	70.13	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1202014	72.38	ng	-0.02
78) Terphenyl-d14	12.70	244	1394725	67.63	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.25	77	1094	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	7.16	70	106176	12.96	ng	# 73
25) Isophorone	7.16	82	617574	30.09	ng	# 68
50) 2,6-Dinitrotoluene	9.62	165	34101	7.49	ng	# 20
56) 2,4-Dinitrotoluene	9.62	165	34101	5.84	ng	# 16
66) 4-Bromophenyl-phenylether	10.42	248	12450	2.11	ng	# 1

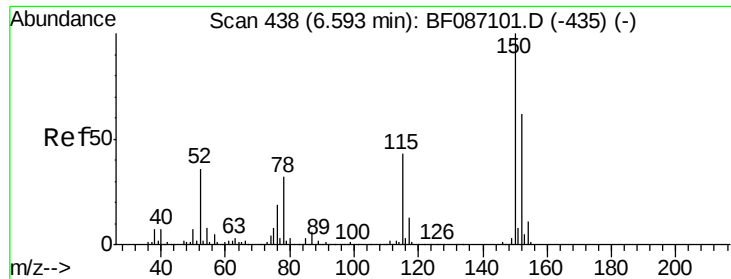
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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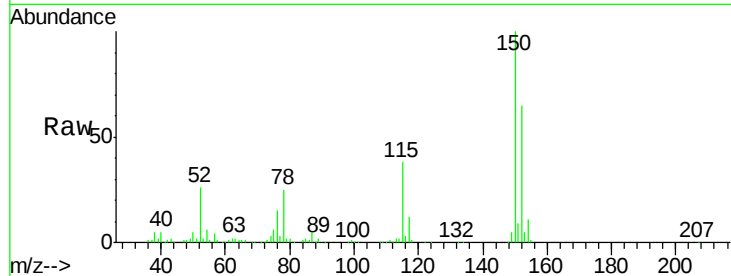


#1

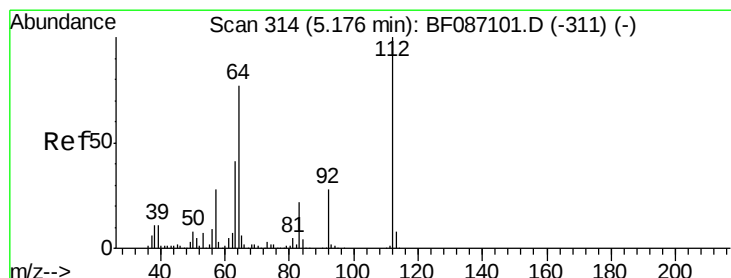
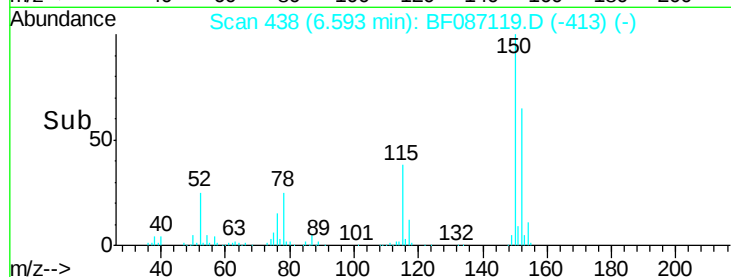
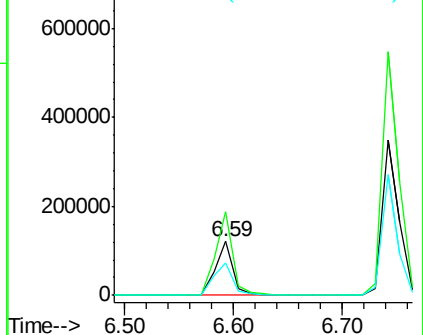
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF087119.D
Acq: 17 May 2016 23:25

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tgt Ion:152 Resp: 135068
Ion Ratio Lower Upper
152 100
150 154.3 125.8 188.6
115 59.4 51.5 77.3



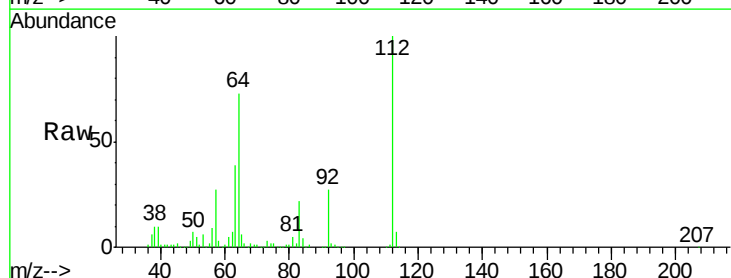
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



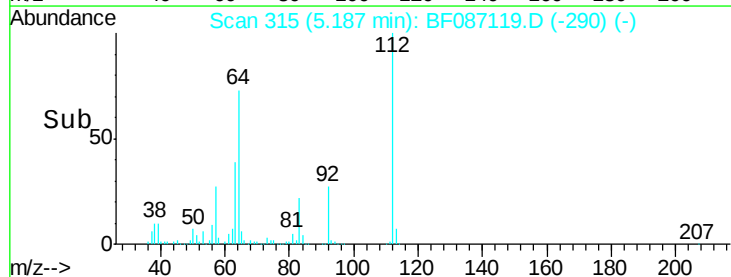
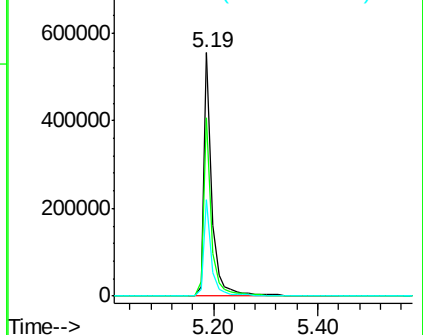
#5

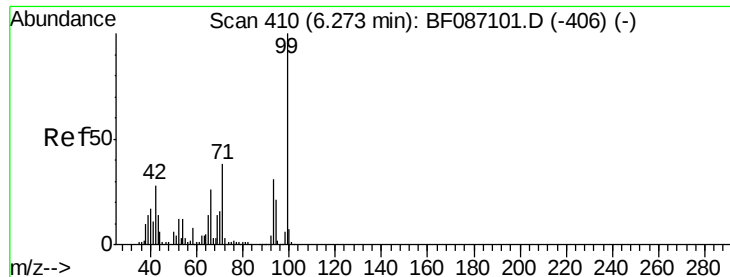
2-Fluorophenol
Concen: 75.03 ng
RT: 5.19 min Scan# 315
Delta R.T. -0.01 min
Lab File: BF087119.D
Acq: 17 May 2016 23:25

Tgt Ion:112 Resp: 602946
Ion Ratio Lower Upper
112 100
64 73.1 52.1 78.1
63 39.4 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: 69.61 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

Instrument :

BNA_F

ClientSampleId :

PB90651TB

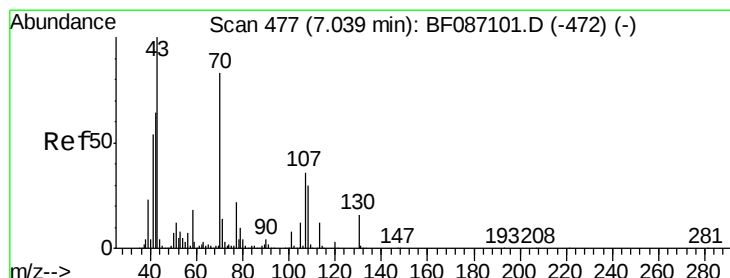
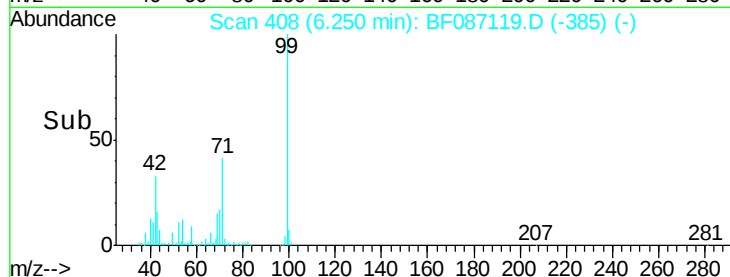
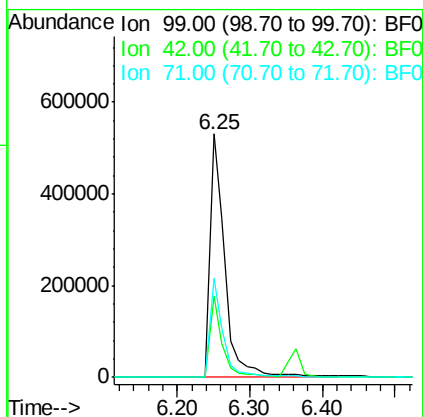
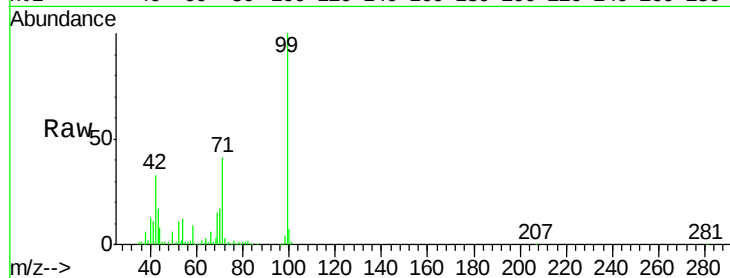
Tgt Ion: 99 Resp: 750250

Ion Ratio Lower Upper

99 100

42 33.2 13.6 20.4#

71 40.8 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 12.96 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.11 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

Tgt Ion: 70 Resp: 106176

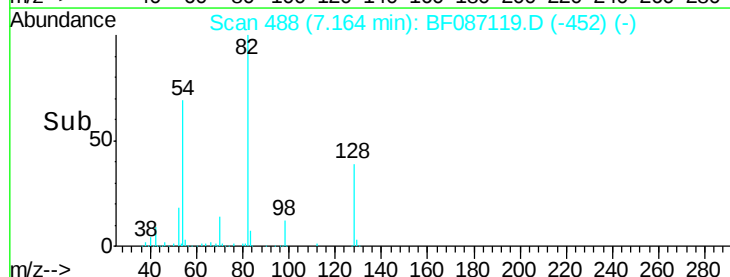
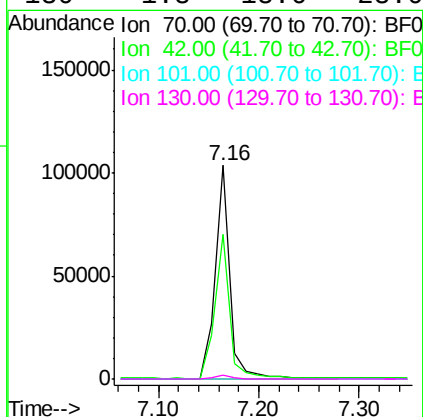
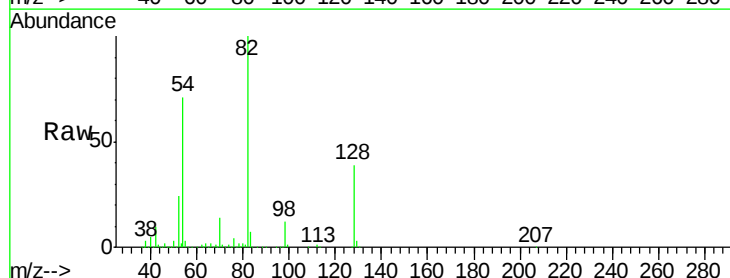
Ion Ratio Lower Upper

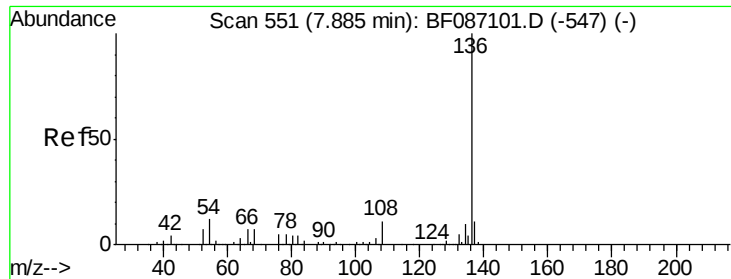
70 100

42 67.5 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

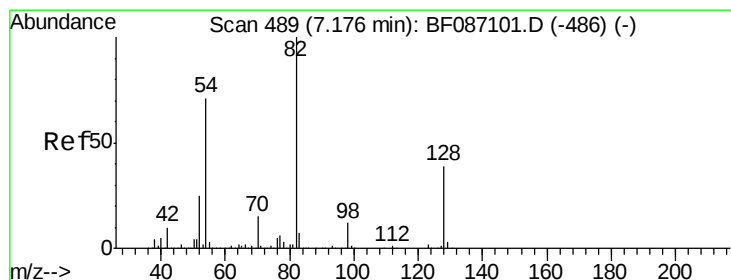
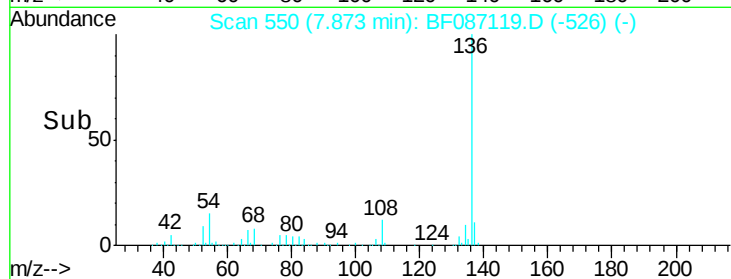
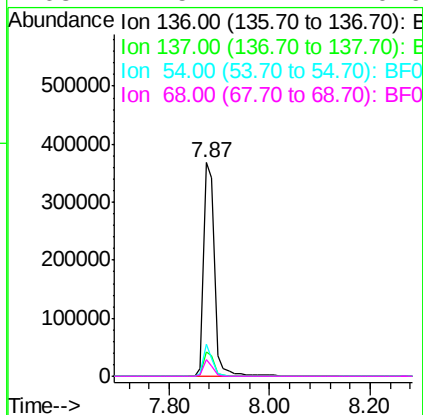
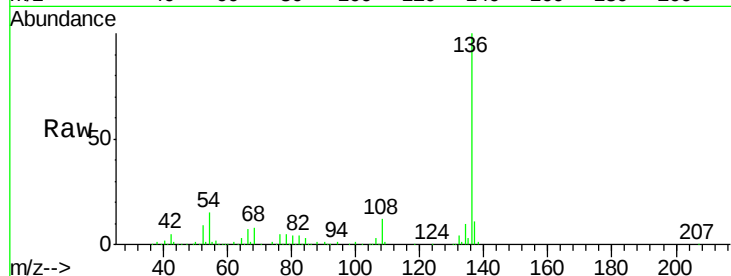




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF087119.D
Acq: 17 May 2016 23:25

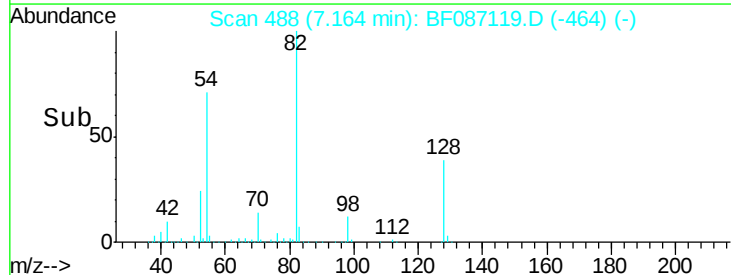
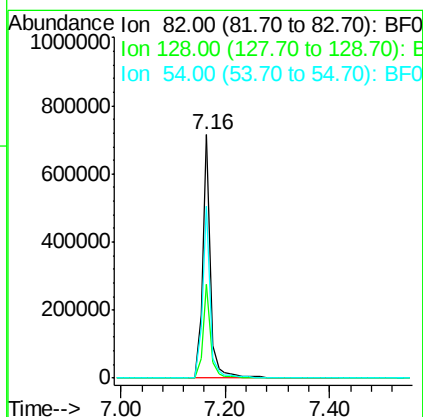
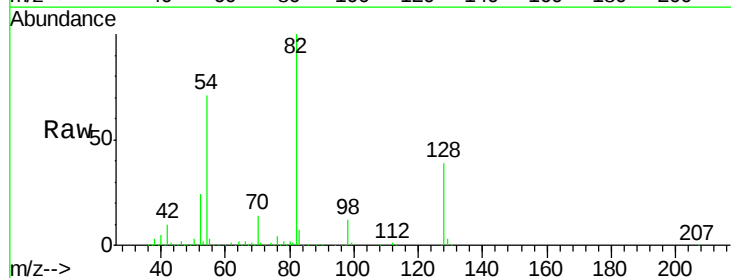
Instrument :
BNA_F
ClientSampleId :
PB90651TB

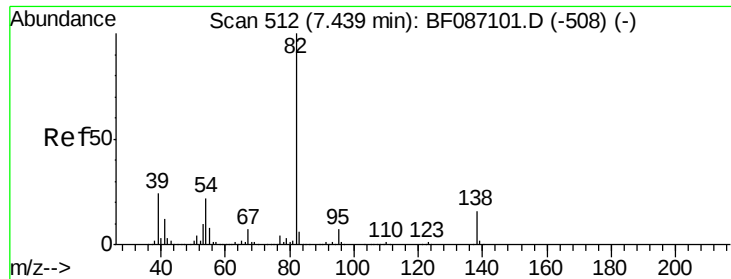
Tgt Ion:	136	Resp:	558804
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	14.7	5.0	7.4#
68	7.5	4.4	6.6#



#23
Nitrobenzene-d5
Concen: 67.30 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF087119.D
Acq: 17 May 2016 23:25

Tgt Ion:	82	Resp:	754575
Ion	Ratio	Lower	Upper
82	100		
128	38.8	40.6	61.0#
54	70.5	38.1	57.1#





#25

Isophorone

Concen: 30.09 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.29 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

Instrument :

BNA_F

ClientSampleId :

PB90651TB

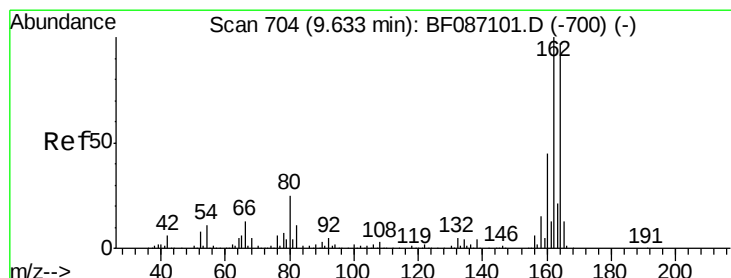
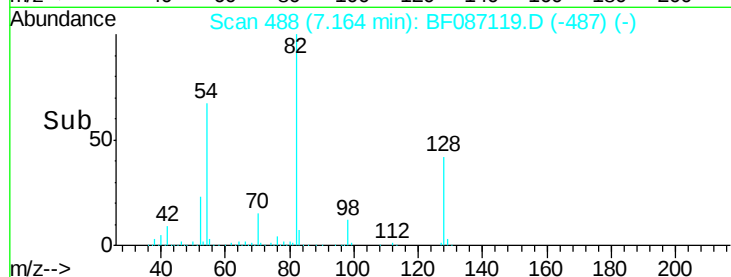
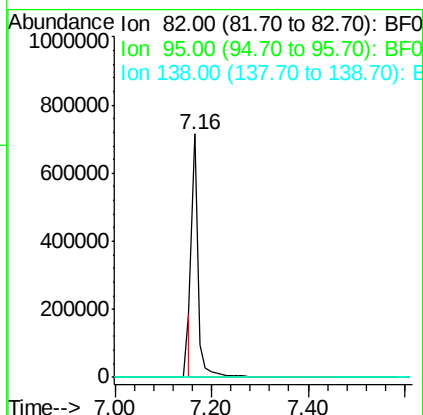
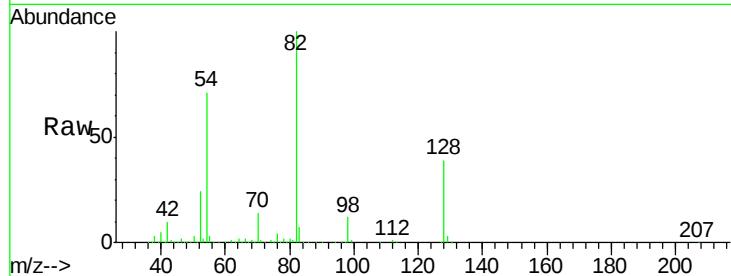
Tgt Ion: 82 Resp: 617574

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

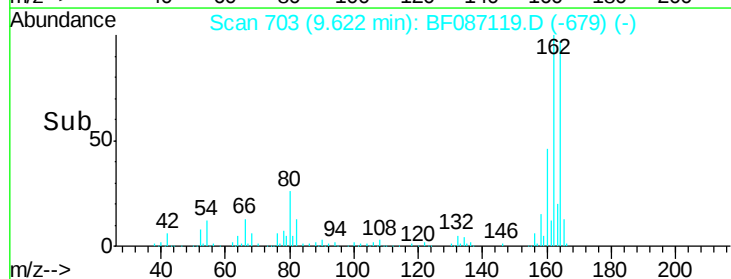
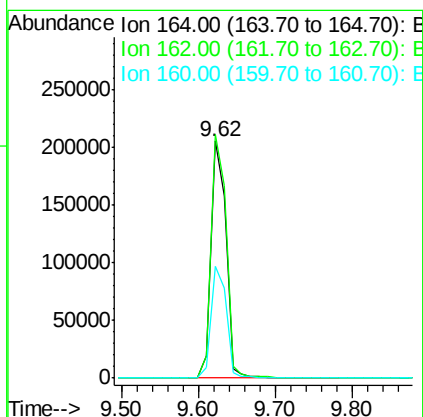
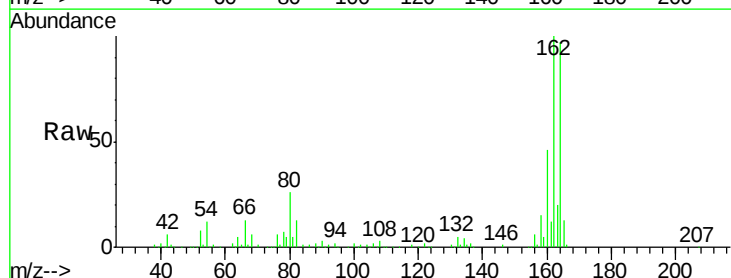
Tgt Ion: 164 Resp: 275030

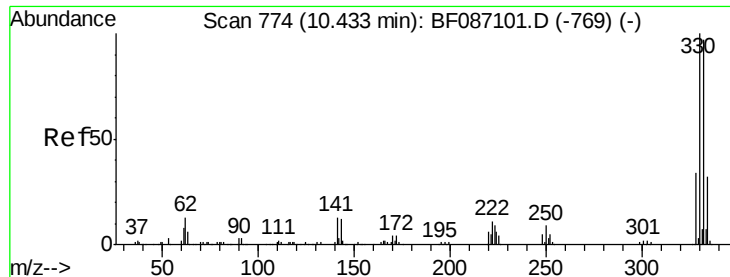
Ion Ratio Lower Upper

164 100

162 102.7 82.8 124.2

160 47.2 36.9 55.3

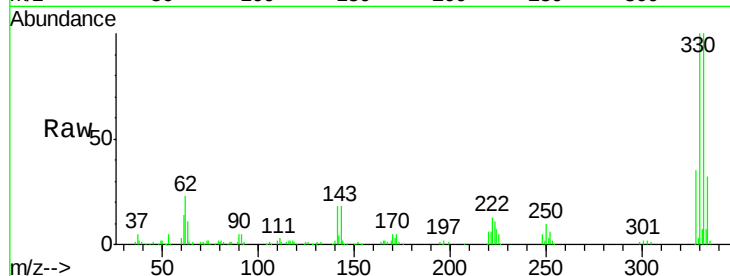




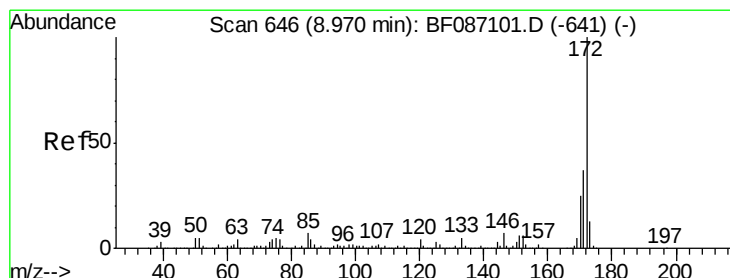
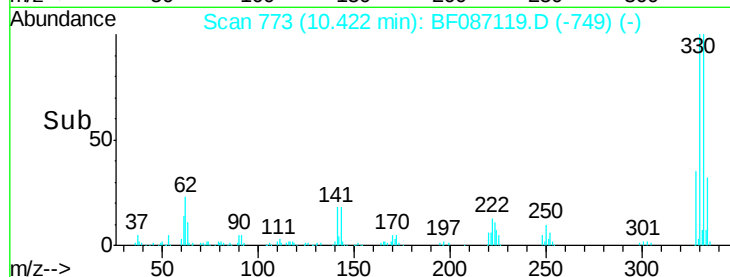
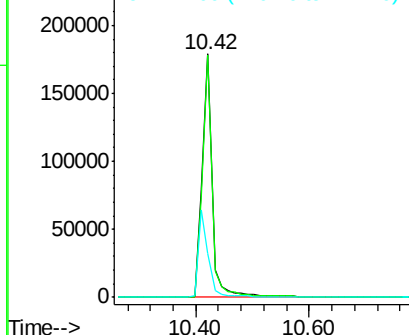
#41
 2,4,6-Tribromophenol
 Concen: 70.13 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087119.D
 Acq: 17 May 2016 23:25

Instrument :
 BNA_F
 ClientSampleId :
 PB90651TB

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	36.6	31.2	46.8

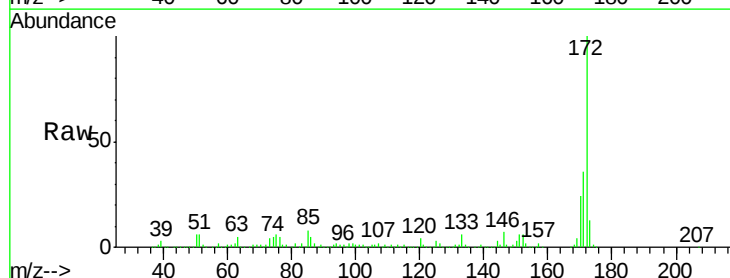


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

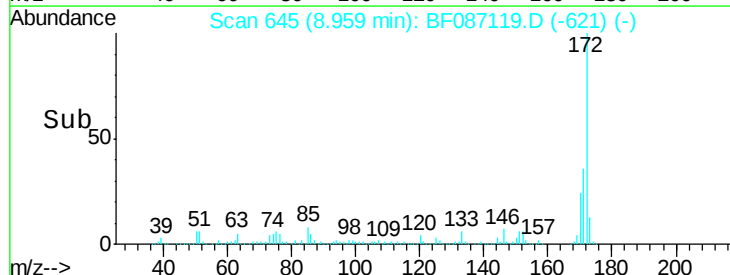
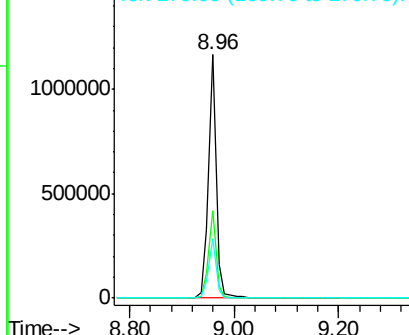


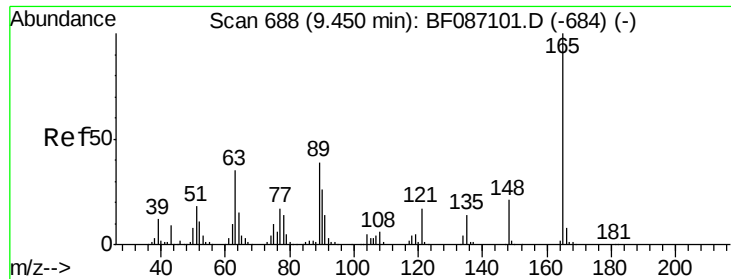
#44
 2-Fluorobiphenyl
 Concen: 72.38 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087119.D
 Acq: 17 May 2016 23:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	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: 7.49 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.16 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

Instrument :

BNA_F

ClientSampleId :

PB90651TB

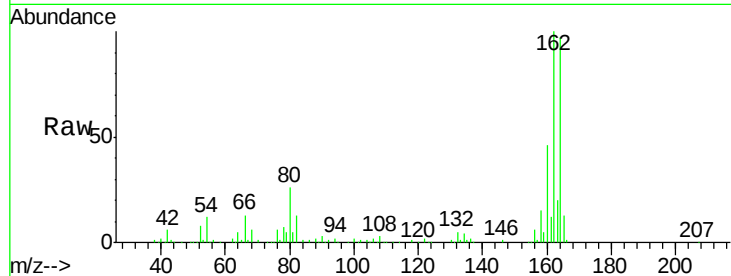
Tgt Ion:165 Resp: 34101

Ion Ratio Lower Upper

165 100

63 2.1 51.8 77.8#

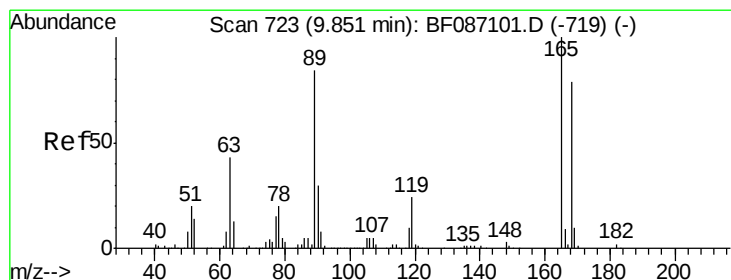
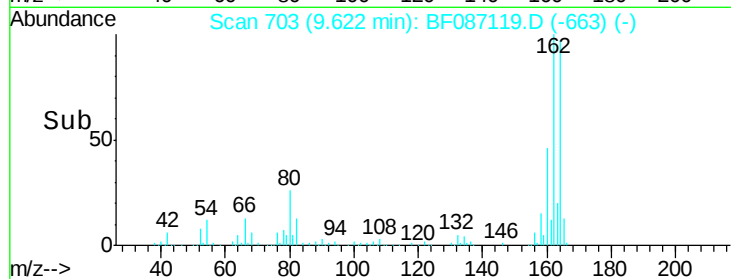
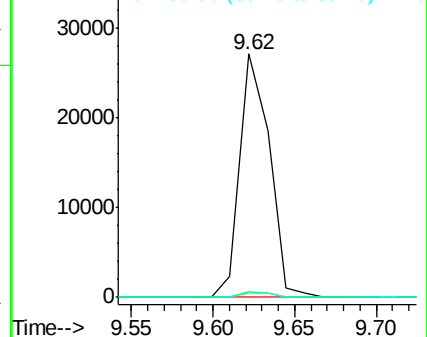
89 1.6 50.7 76.1#



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: 5.84 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.24 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

Tgt Ion:165 Resp: 34101

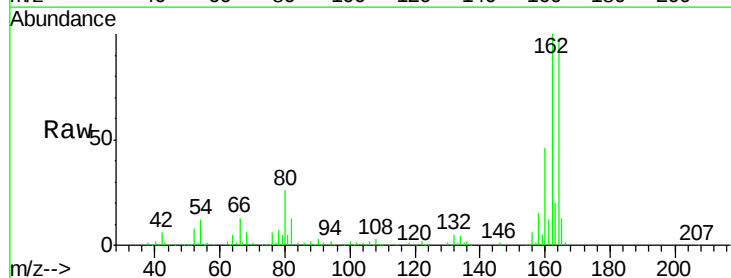
Ion Ratio Lower Upper

165 100

63 2.1 44.3 66.5#

89 1.6 70.0 105.0#

182 0.0 1.8 2.6#

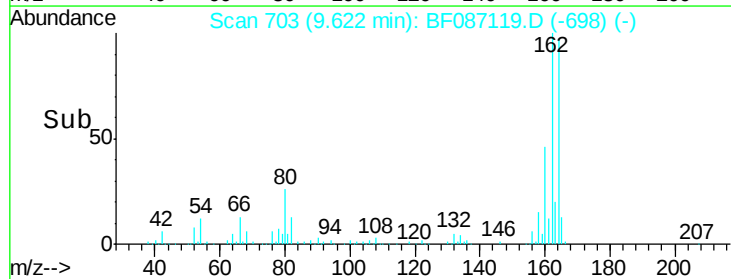
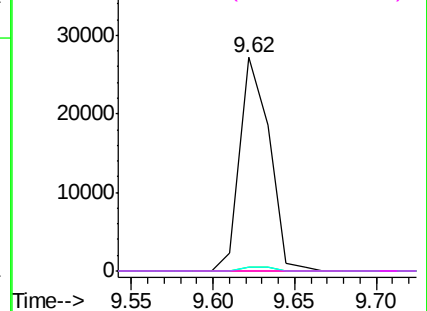


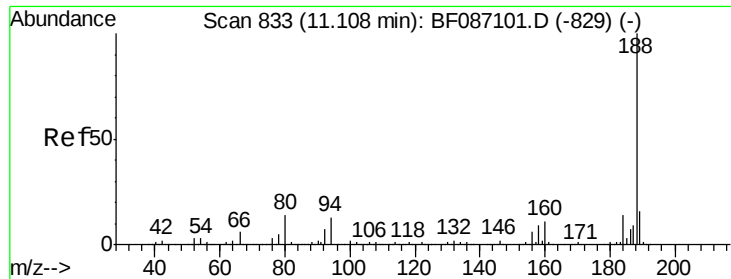
Abundance Ion 165.00 (164.70 to 165.70): E

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

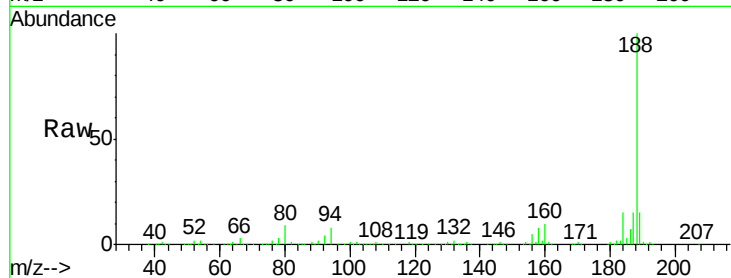




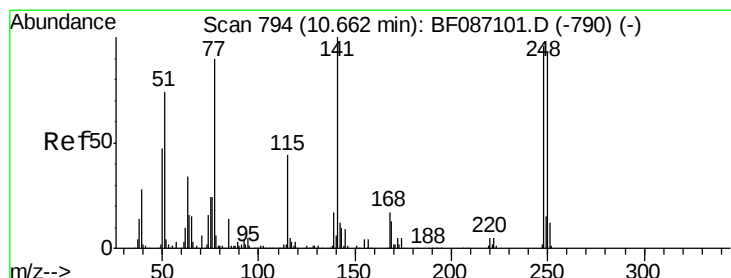
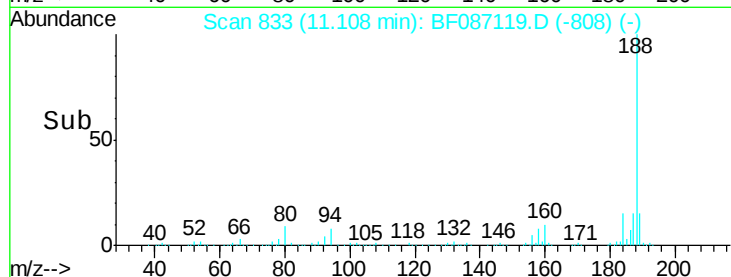
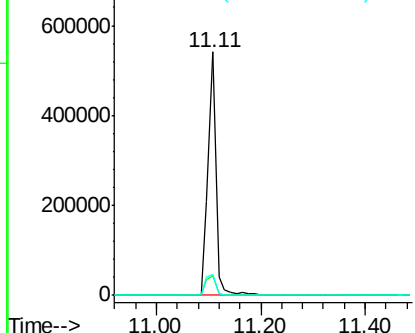
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087119.D
Acq: 17 May 2016 23:25

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tgt Ion:188 Resp: 575040
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.5 7.1 10.7

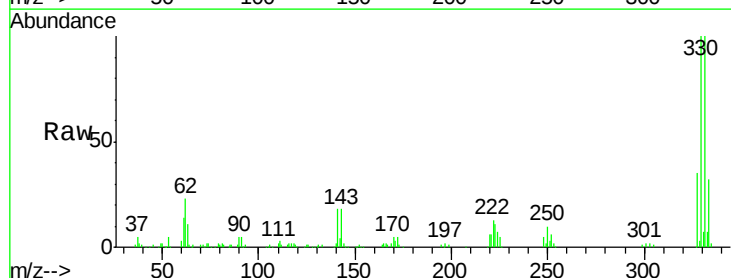


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

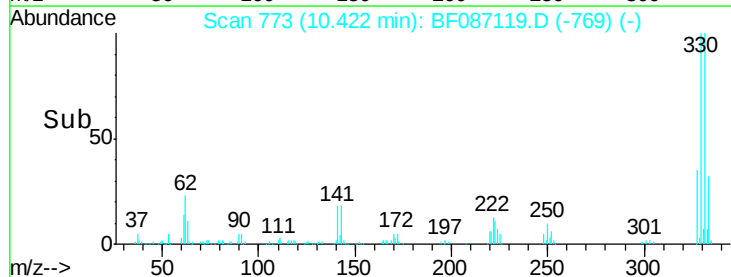
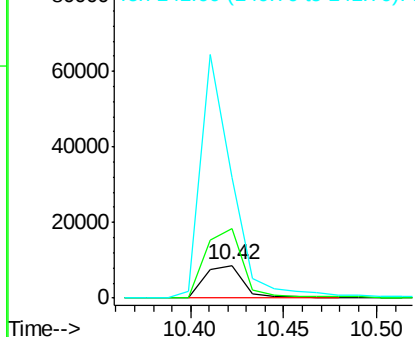


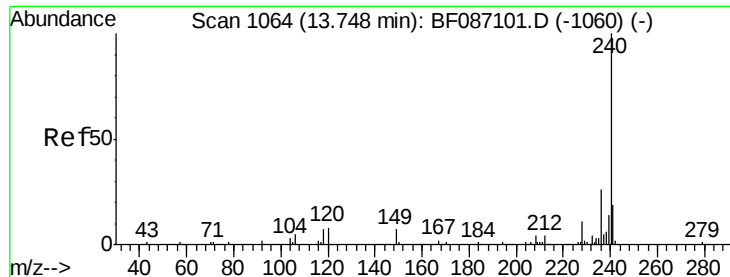
#66
4-Bromophenyl-phenylether
Concen: 2.11 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.25 min
Lab File: BF087119.D
Acq: 17 May 2016 23:25

Tgt Ion:248 Resp: 12450
Ion Ratio Lower Upper
248 100
250 210.6 78.6 117.8#
141 368.1 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: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

Instrument :

BNA_F

ClientSampleId :

PB90651TB

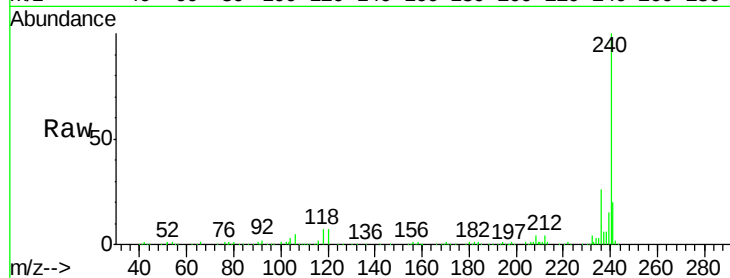
Tgt Ion:240 Resp: 466533

Ion Ratio Lower Upper

240 100

120 7.5 11.2 16.8#

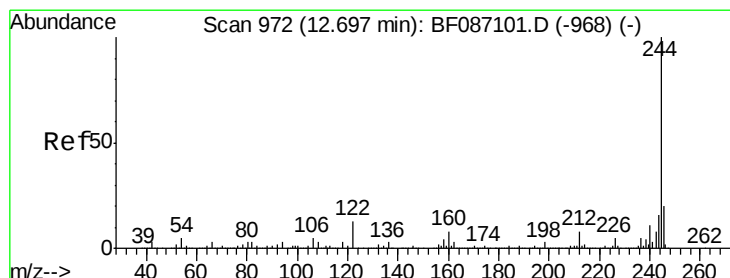
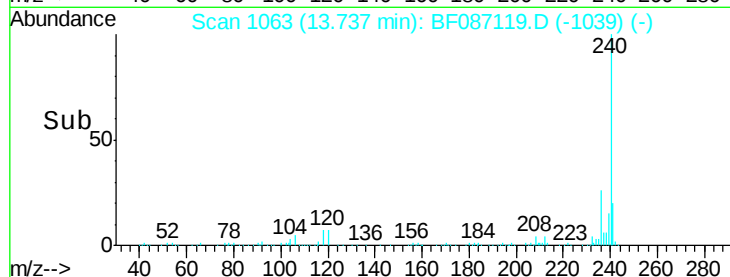
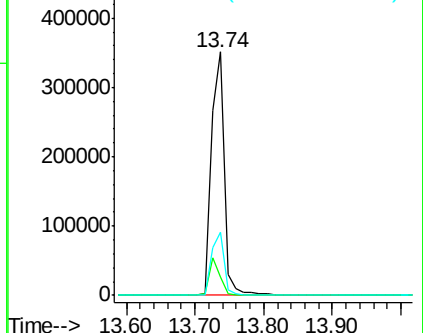
236 25.7 21.2 31.8



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: 67.63 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087119.D

Acq: 17 May 2016 23:25

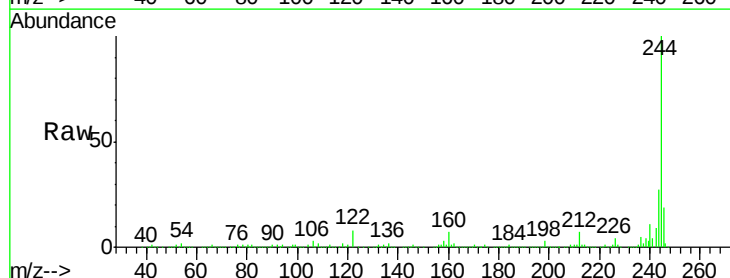
Tgt Ion:244 Resp: 1394725

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

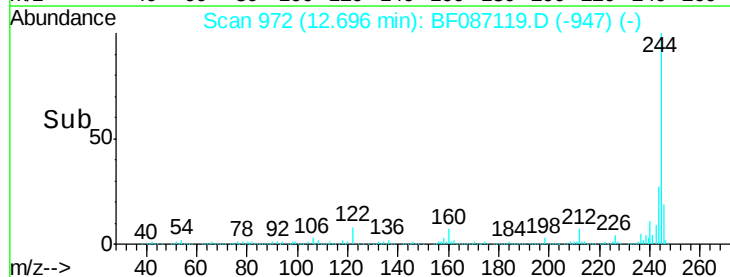
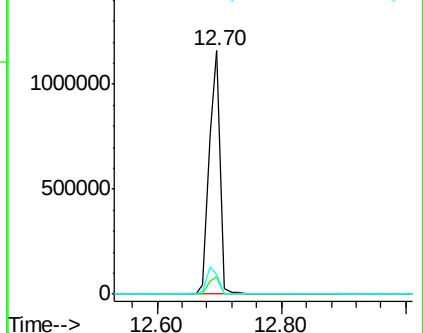
122 7.9 12.0 18.0#

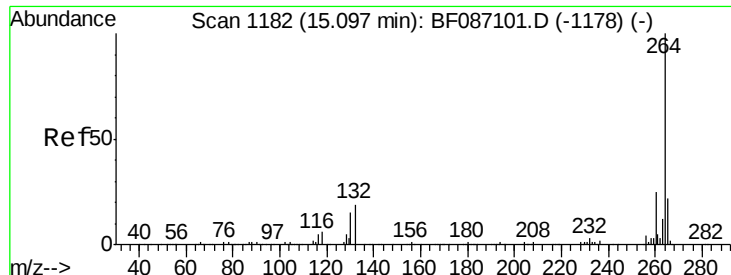


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

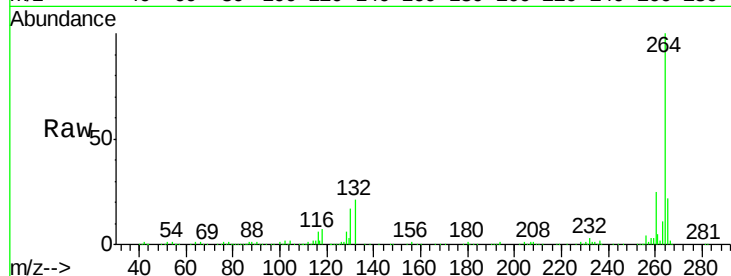




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BF087119.D
Acq: 17 May 2016 23:25

Instrument :
BNA_F
ClientSampleId :
PB90651TB

Tgt Ion: 264 Resp: 372012
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.9 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

