

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051716\
 Data File : BF087124.D
 Acq On : 18 May 2016 1:50
 Operator : UM/SJ
 Sample : H3100-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-TTO

Quant Time: May 18 03:37:20 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

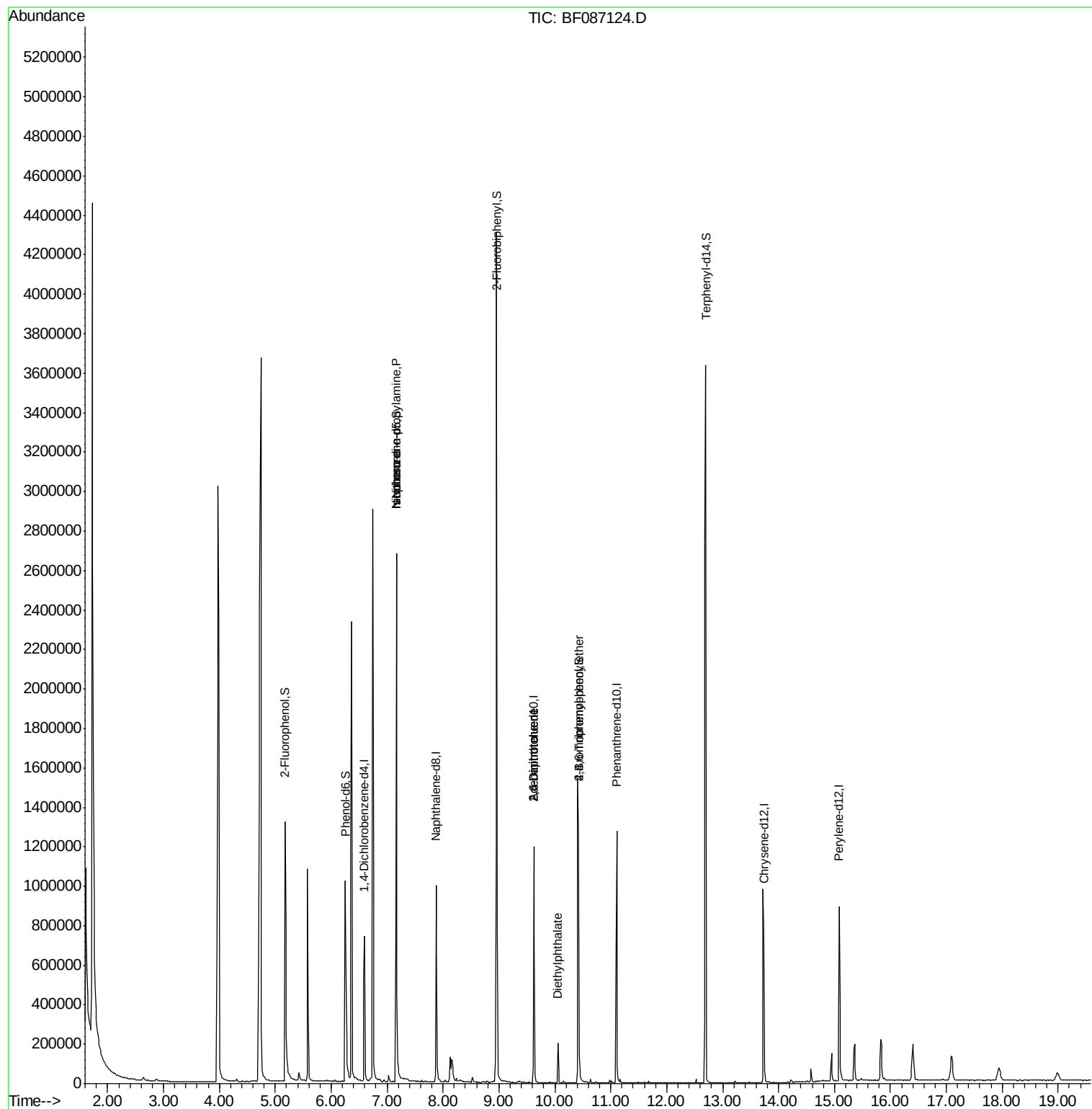
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	139546	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	576741	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	282068	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	559590	20.00	ng	-0.01
75) Chrysene-d12	13.74	240	464026	20.00	ng	-0.02
86) Perylene-d12	15.09	264	382508	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	457126	55.06	ng	-0.02
7) Phenol-d6	6.25	99	439122	39.44	ng	-0.03
23) Nitrobenzene-d5	7.16	82	887875	76.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.42	330	265751	85.26	ng	-0.02
44) 2-Fluorobiphenyl	8.96	172	1401657	82.30	ng	-0.02
78) Terphenyl-d14	12.70	244	1495896	72.92	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.19	77	623	Below Cal		Qvalue 92
19) n-Nitroso-di-n-propylamine	7.16	70	126573	14.95 ng	#	74
25) Isophorone	7.16	82	730949	34.50 ng	#	68
50) 2,6-Dinitrotoluene	9.62	165	35146	7.52 ng	#	21
56) 2,4-Dinitrotoluene	9.62	165	35146	5.87 ng	#	16
59) Diethylphthalate	10.06	149	70783	3.45 ng		99
66) 4-Bromophenyl-phenylether	10.42	248	15580	2.71 ng	#	1

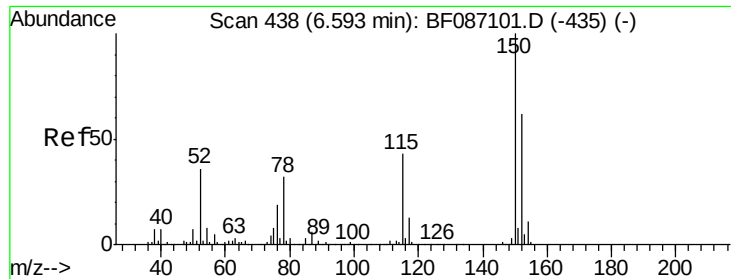
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087124.D

Acq: 18 May 2016 1:50

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

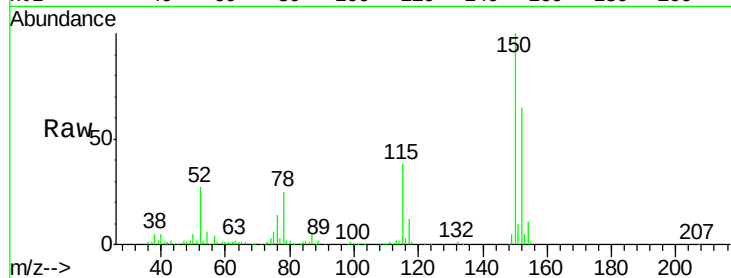
Tgt Ion:152 Resp: 139546

Ion Ratio Lower Upper

152 100

150 152.9 125.8 188.6

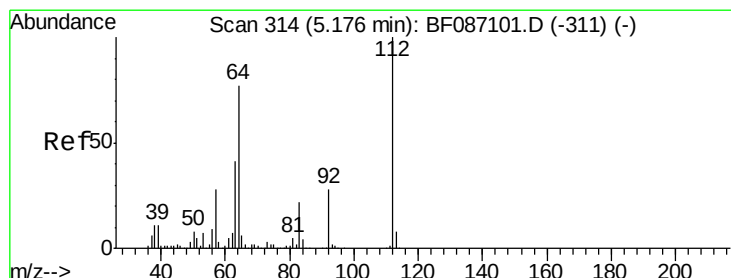
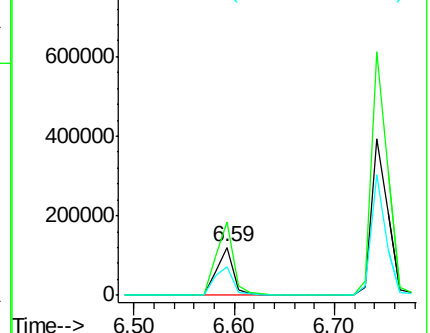
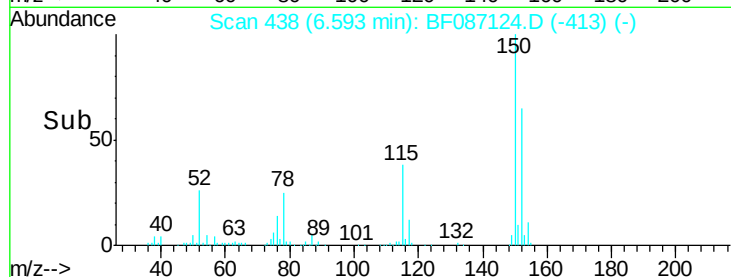
115 58.3 51.5 77.3



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: 55.06 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.02 min

Lab File: BF087124.D

Acq: 18 May 2016 1:50

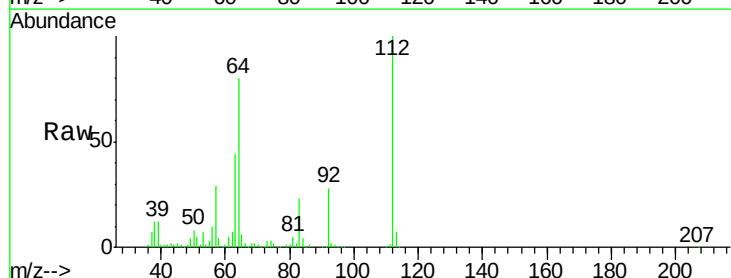
Tgt Ion:112 Resp: 457126

Ion Ratio Lower Upper

112 100

64 79.9 52.1 78.1#

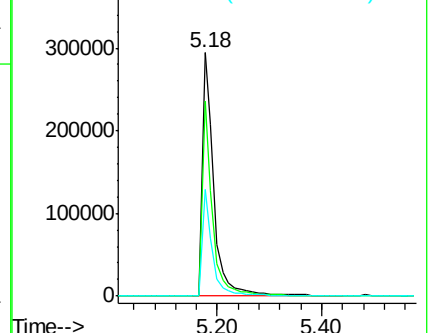
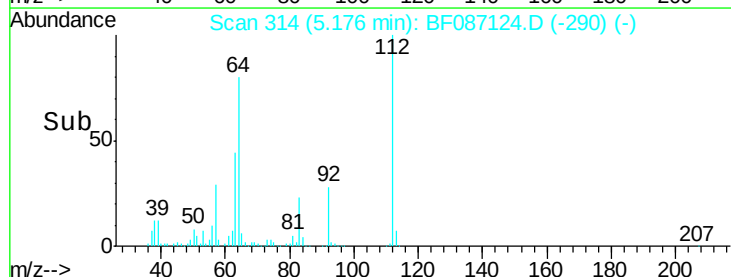
63 43.7 25.7 38.5#

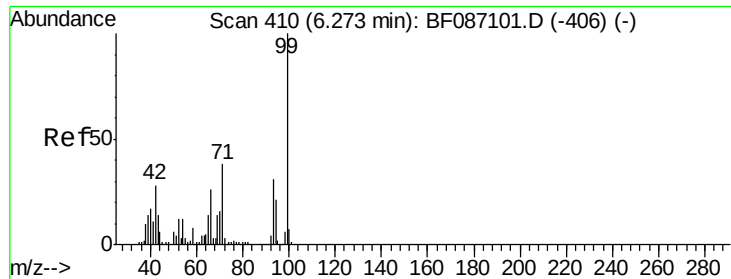


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.44 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF087124.D

Acq: 18 May 2016 1:50

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

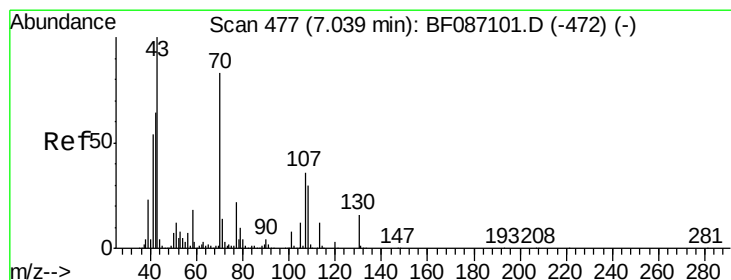
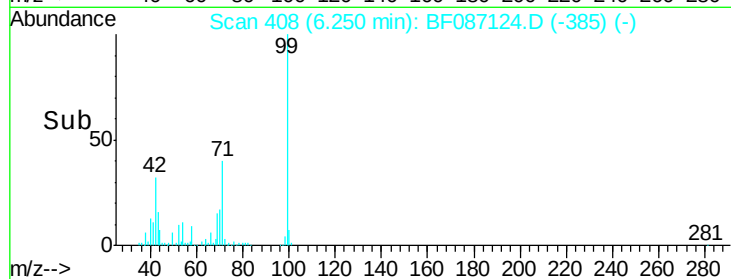
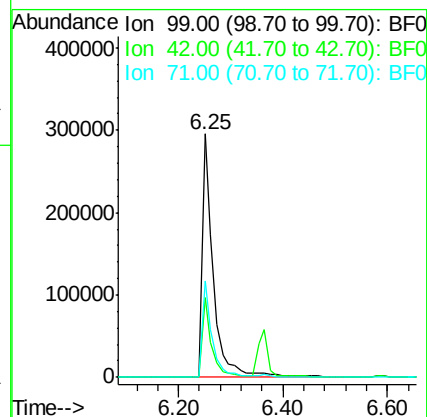
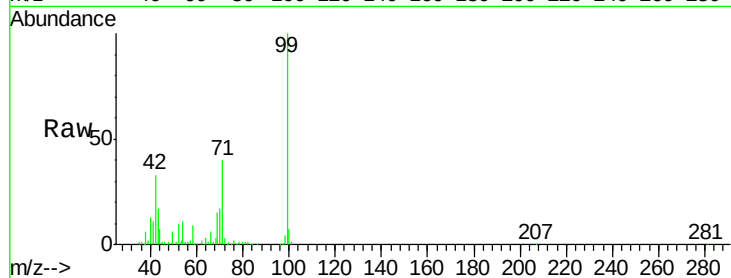
Tgt Ion: 99 Resp: 439122

Ion Ratio Lower Upper

99 100

42 32.6 13.6 20.4#

71 39.8 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 14.95 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.11 min

Lab File: BF087124.D

Acq: 18 May 2016 1:50

Tgt Ion: 70 Resp: 126573

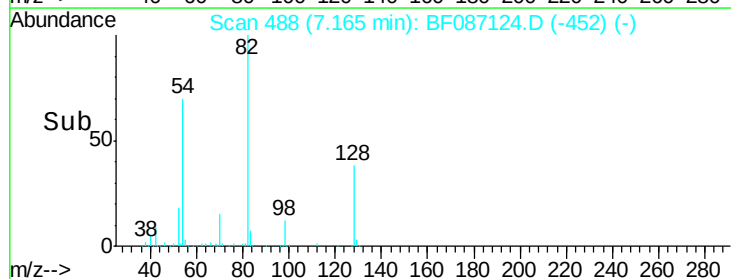
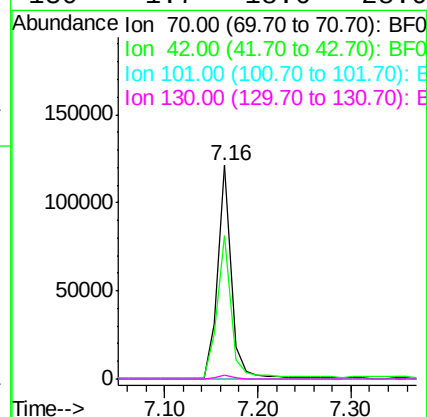
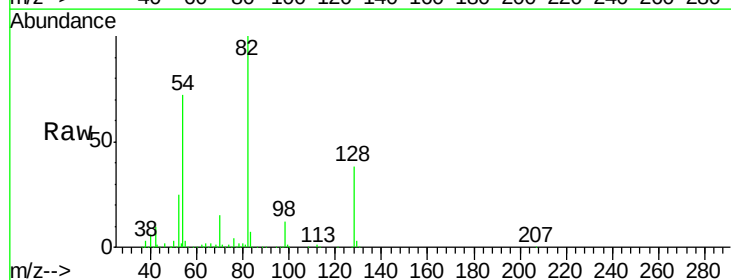
Ion Ratio Lower Upper

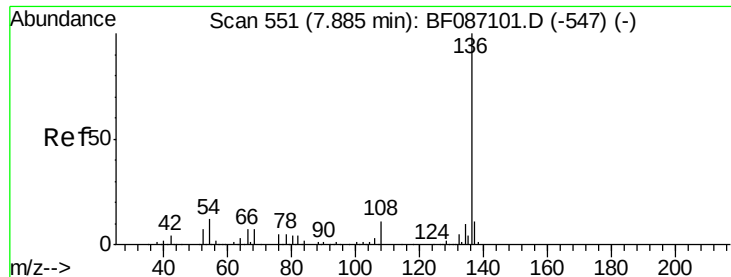
70 100

42 67.1 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 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: BF087124.D

Acq: 18 May 2016 1:50

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

Tgt Ion:136 Resp: 576741

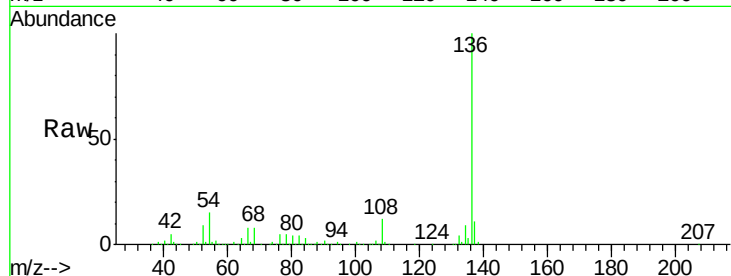
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 15.2 5.0 7.4#

68 7.6 4.4 6.6#

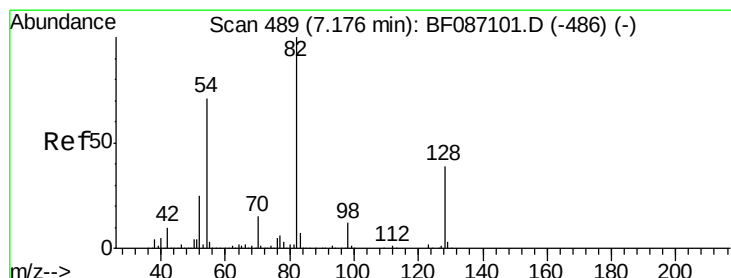
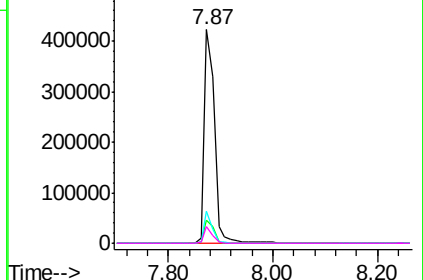
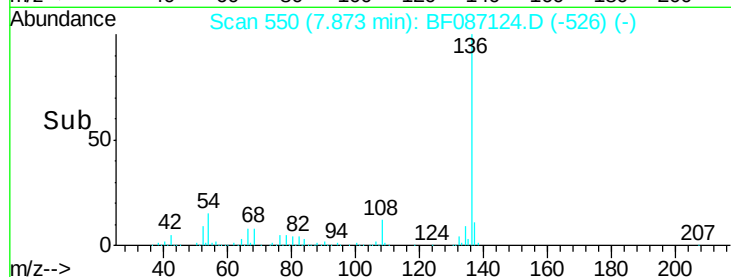


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.72 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF087124.D

Acq: 18 May 2016 1:50

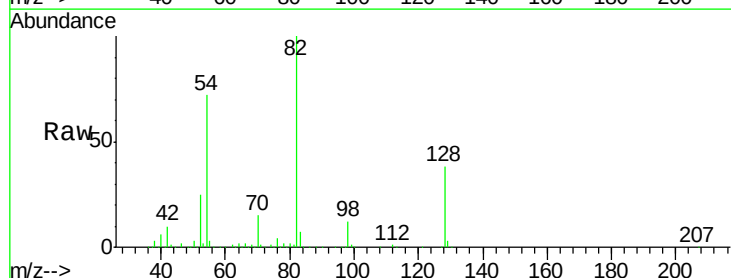
Tgt Ion: 82 Resp: 887875

Ion Ratio Lower Upper

82 100

128 38.0 40.6 61.0#

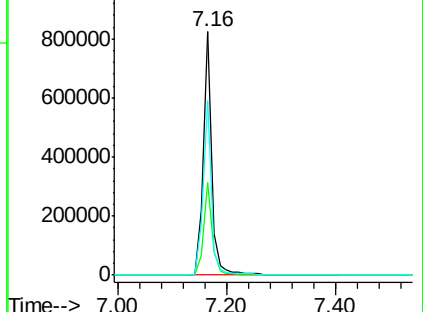
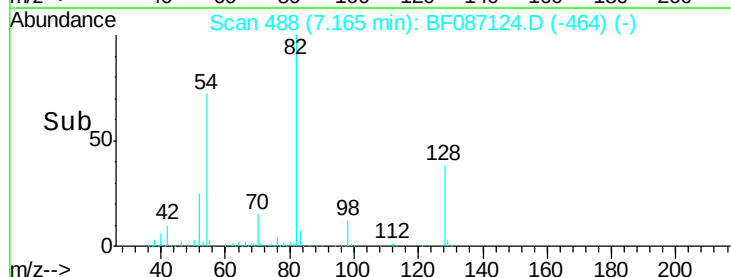
54 71.7 38.1 57.1#

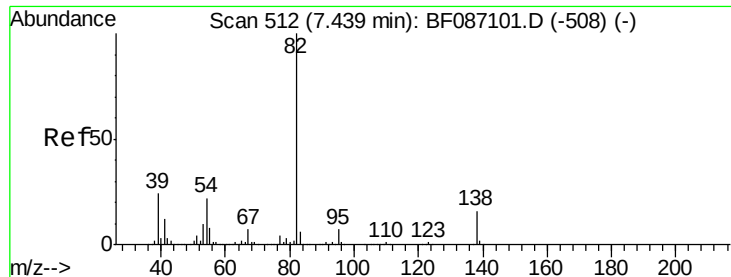


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.50 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.29 min

Lab File: BF087124.D

Acq: 18 May 2016 1:50

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

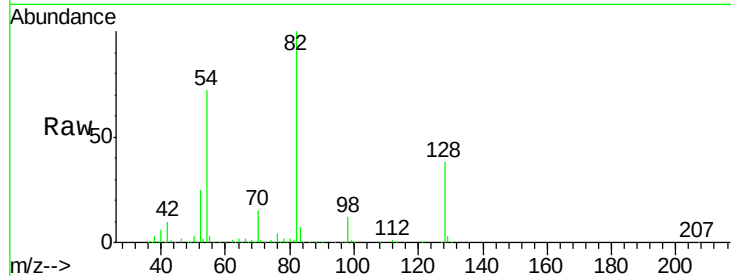
Tgt Ion: 82 Resp: 730949

Ion Ratio Lower Upper

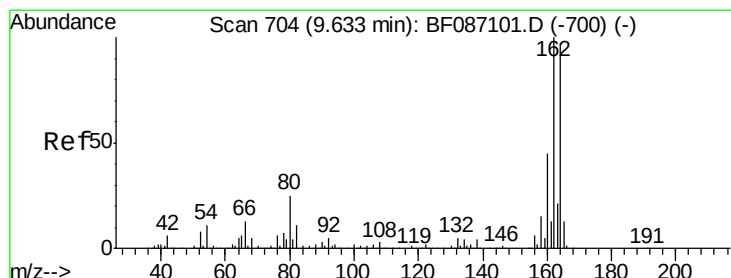
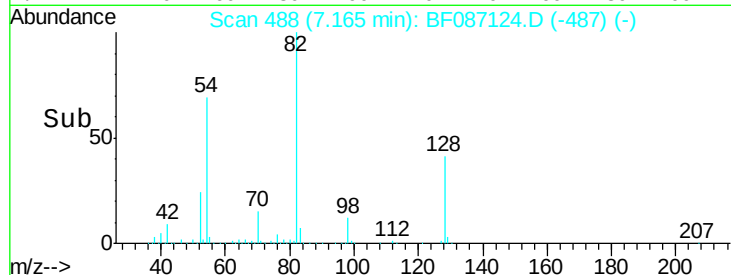
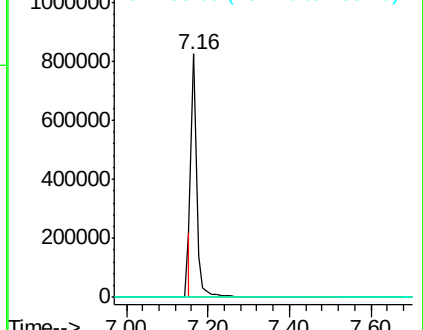
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF087124.D

Acq: 18 May 2016 1:50

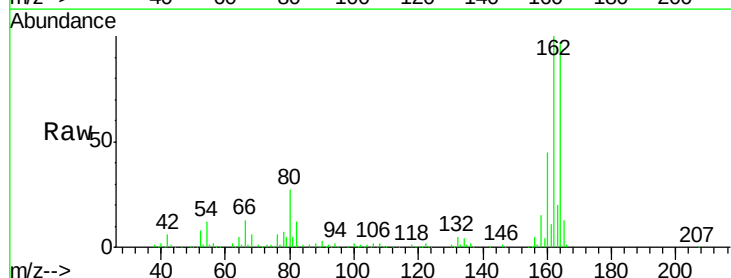
Tgt Ion: 164 Resp: 282068

Ion Ratio Lower Upper

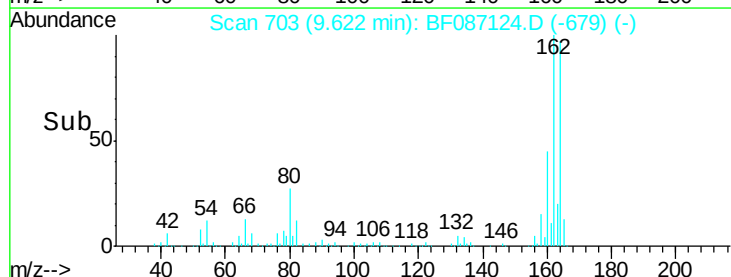
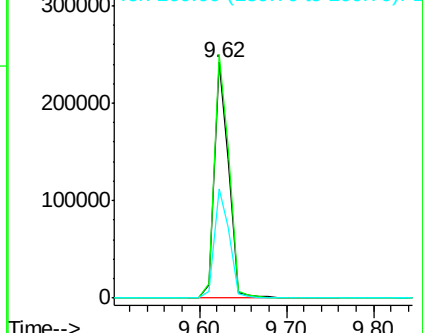
164 100

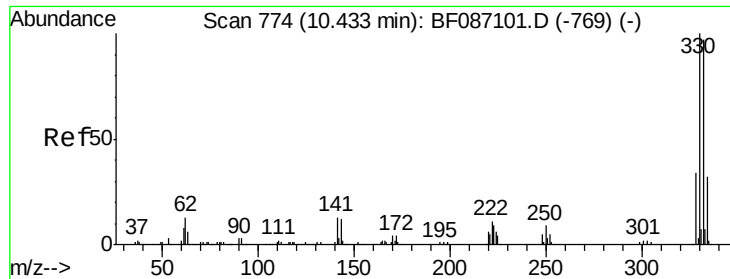
162 103.3 82.8 124.2

160 46.2 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

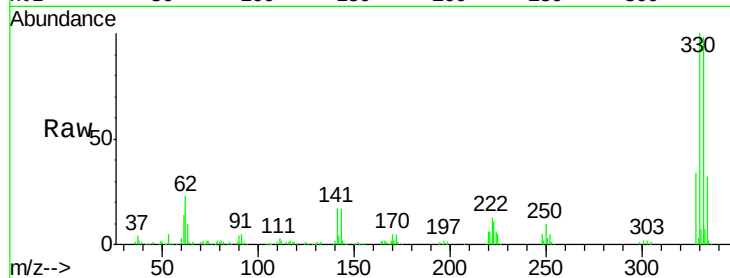




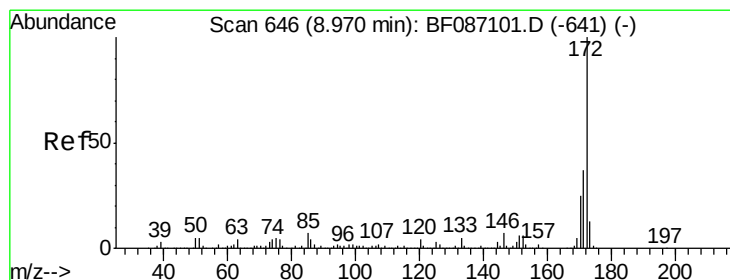
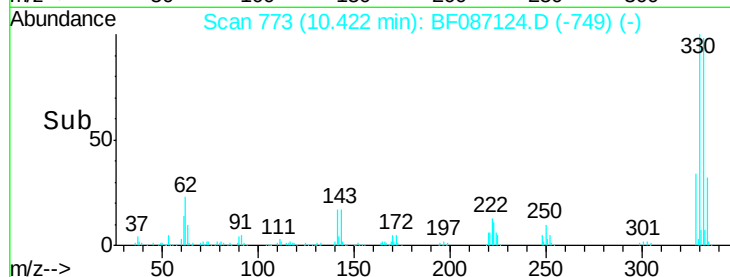
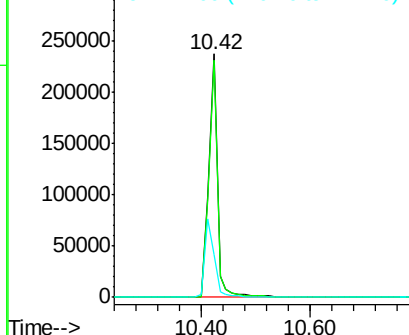
#41
 2,4,6-Tribromophenol
 Concen: 85.26 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF087124.D
 Acq: 18 May 2016 1:50

Instrument :
 BNA_F
 ClientSampleId :
 SVOC-TTO

Tgt Ion:330 Resp: 265751
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 35.0 31.2 46.8

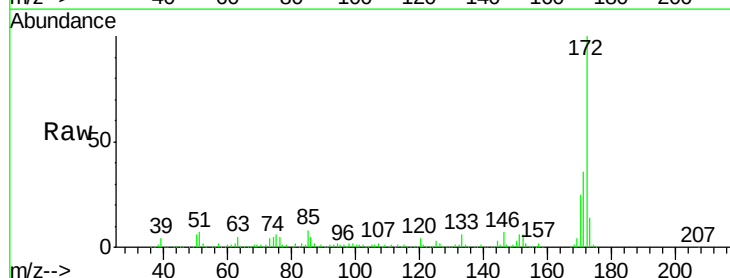


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

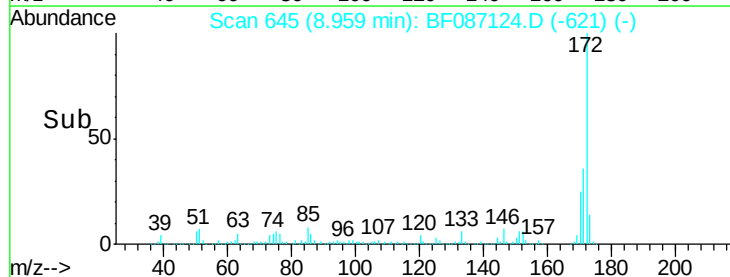
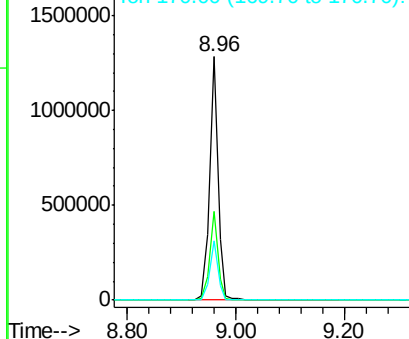


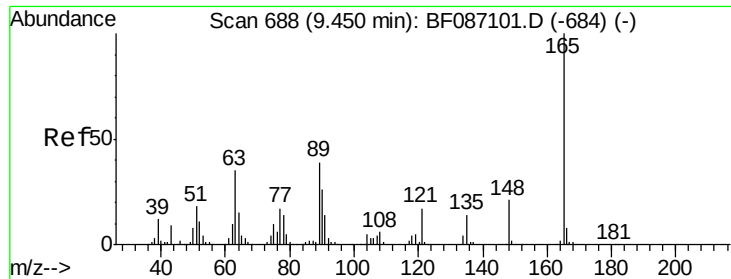
#44
 2-Fluorobiphenyl
 Concen: 82.30 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF087124.D
 Acq: 18 May 2016 1:50

Tgt Ion:172 Resp: 1401657
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.6 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: 7.52 ng

RT: 9.62 min Scan# 703

Delta R.T. 0.16 min

Lab File: BF087124.D

Acq: 18 May 2016 1:50

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

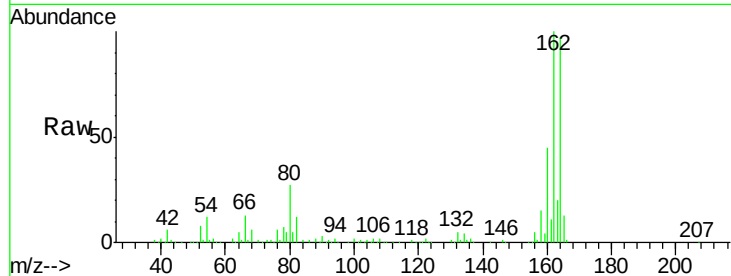
Tgt Ion:165 Resp: 35146

Ion Ratio Lower Upper

165 100

63 2.0 51.8 77.8#

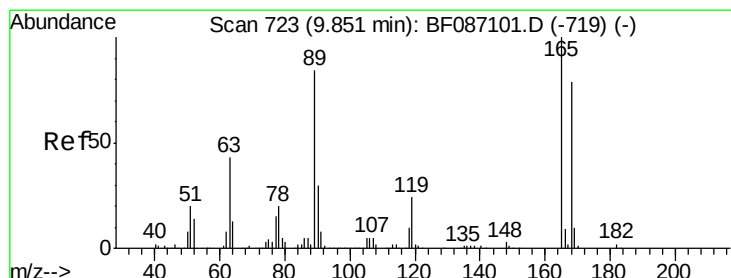
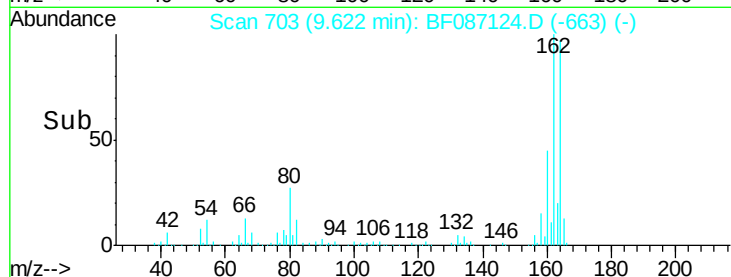
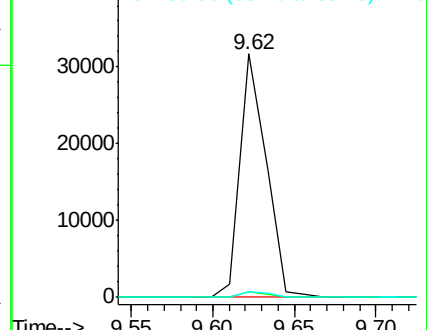
89 2.1 50.7 76.1#



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: 5.87 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.24 min

Lab File: BF087124.D

Acq: 18 May 2016 1:50

Tgt Ion:165 Resp: 35146

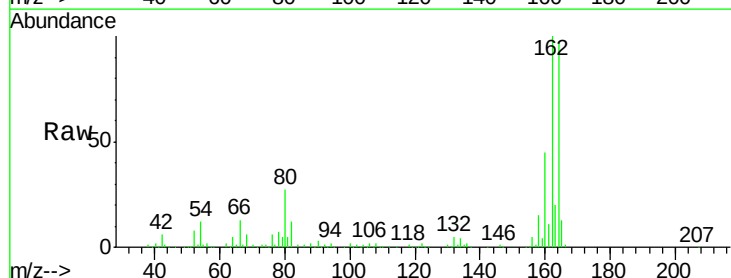
Ion Ratio Lower Upper

165 100

63 2.0 44.3 66.5#

89 2.1 70.0 105.0#

182 0.0 1.8 2.6#

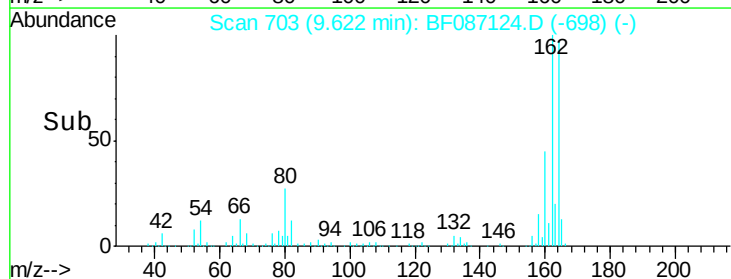
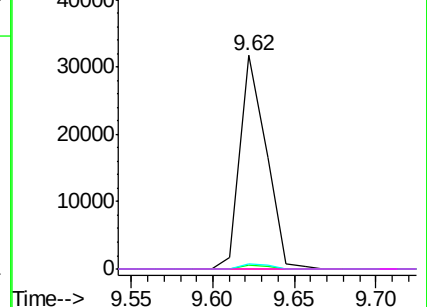


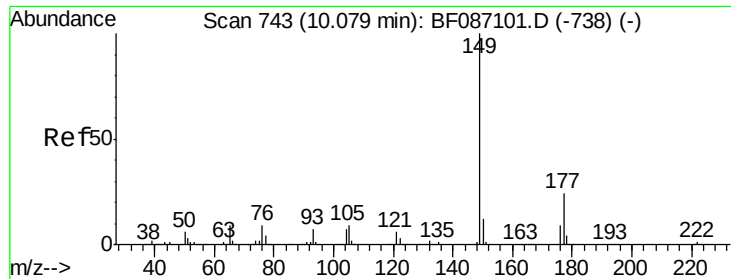
Abundance Ion 165.00 (164.70 to 165.70): E

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

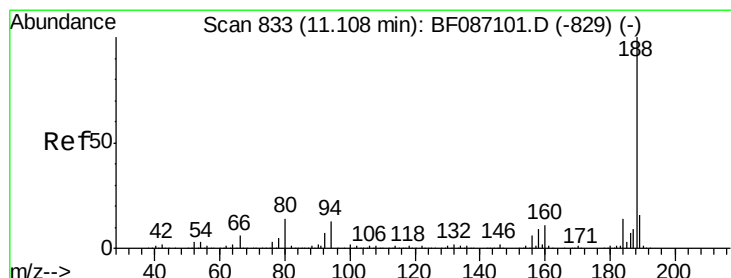
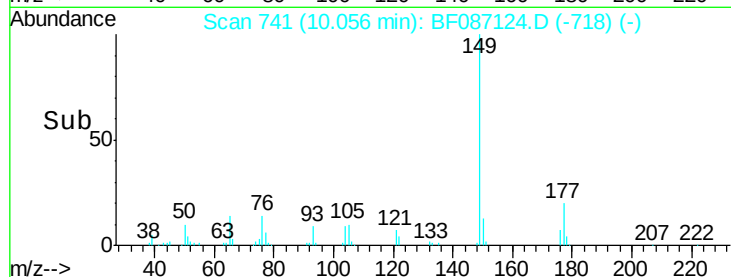
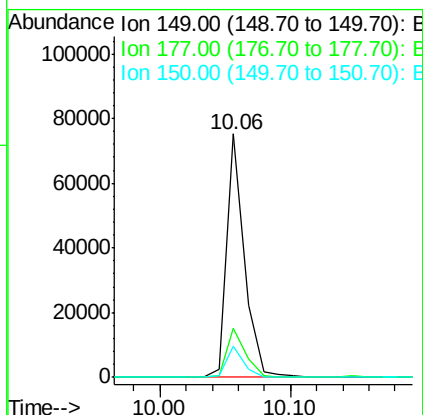
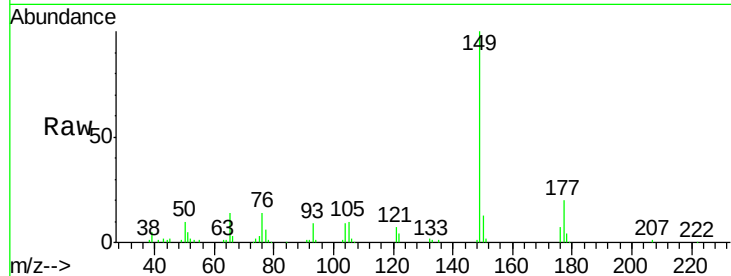




#59
Diethylphthalate
Concen: 3.45 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

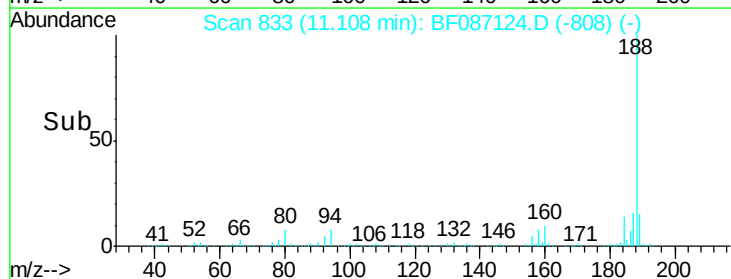
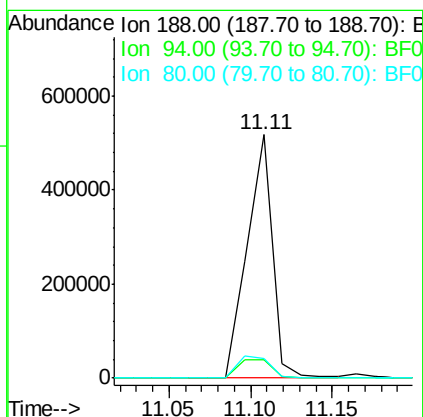
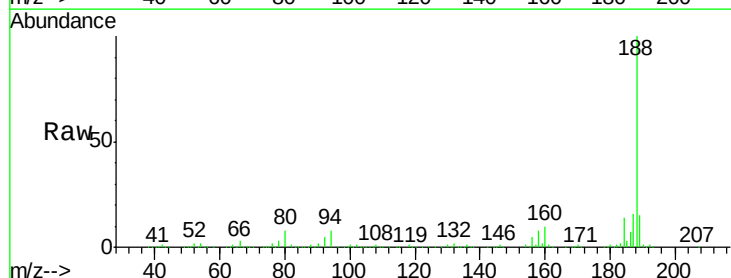
Instrument :
BNA_F
ClientSampleId :
SVOC-TTO

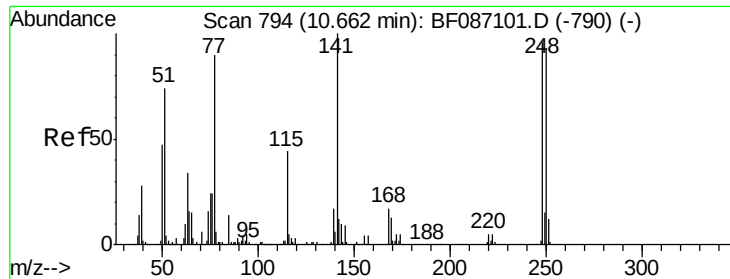
Tgt Ion:149 Resp: 70783
Ion Ratio Lower Upper
149 100
177 20.1 16.6 24.8
150 12.6 10.0 15.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF087124.D
Acq: 18 May 2016 1:50

Tgt Ion:188 Resp: 559590
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.3 7.1 10.7





#66

4-Bromophenyl-phenylether

Concen: 2.71 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.25 min

Lab File: BF087124.D

Acq: 18 May 2016 1:50

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

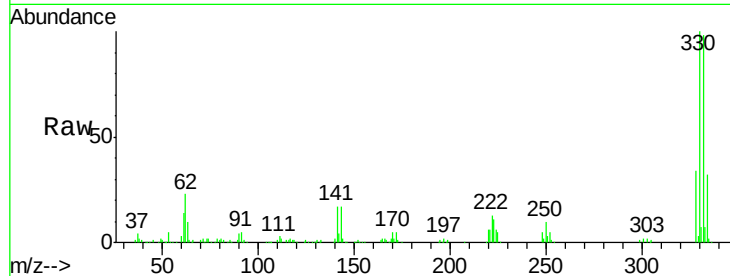
Tgt Ion:248 Resp: 15580

Ion Ratio Lower Upper

248 100

250 193.5 78.6 117.8#

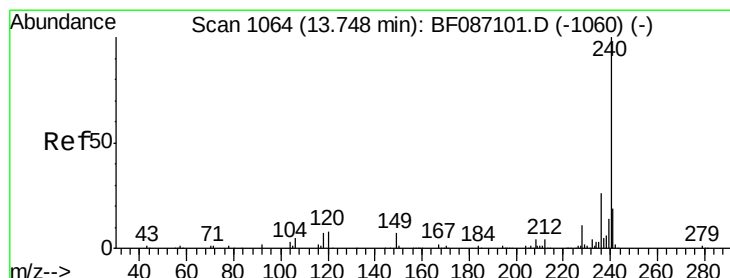
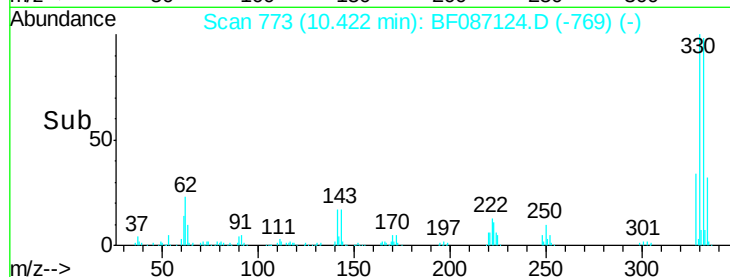
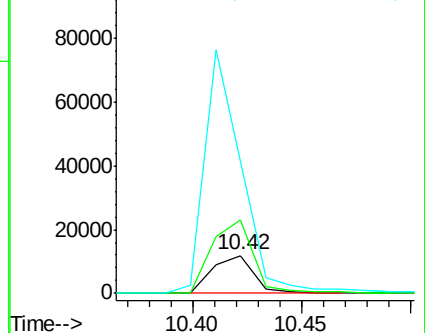
141 348.7 76.0 114.0#



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: BF087124.D

Acq: 18 May 2016 1:50

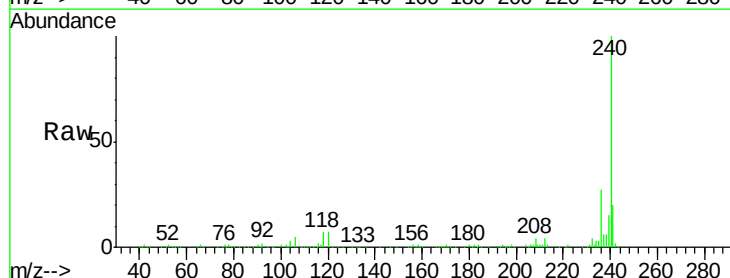
Tgt Ion:240 Resp: 464026

Ion Ratio Lower Upper

240 100

120 7.5 11.2 16.8#

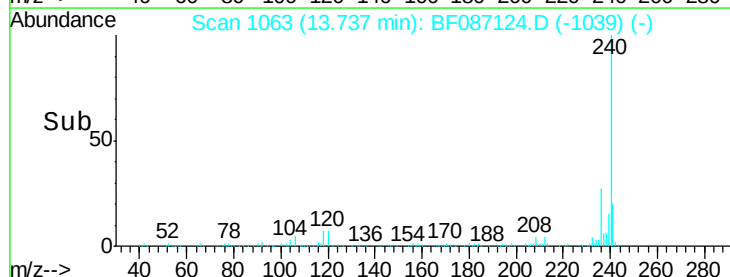
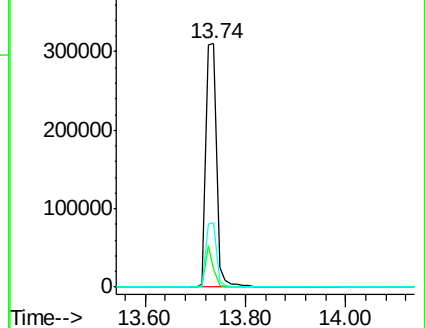
236 26.6 21.2 31.8

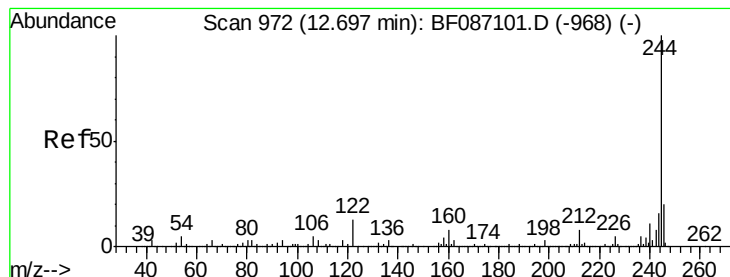


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.92 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF087124.D

Acq: 18 May 2016 1:50

Instrument :

BNA_F

ClientSampleId :

SVOC-TTO

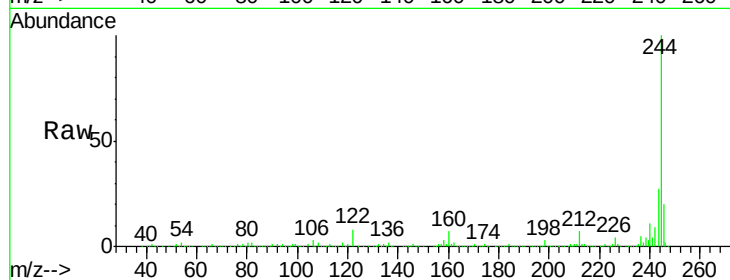
Tgt Ion:244 Resp: 1495896

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

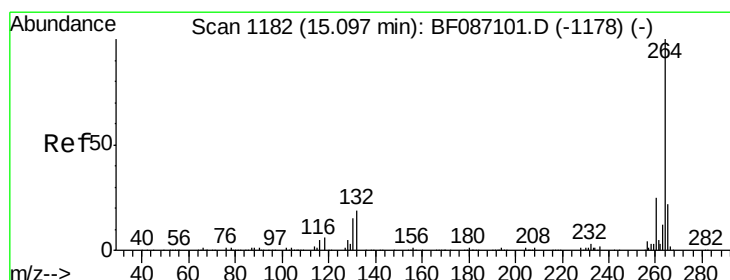
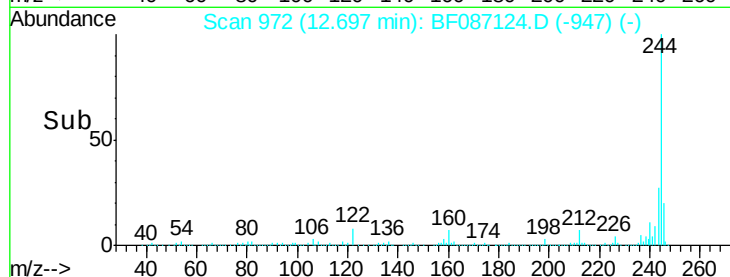
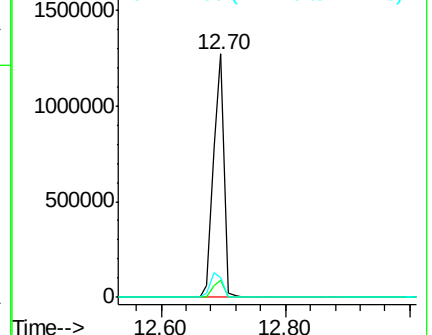
122 8.3 12.0 18.0#



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: BF087124.D

Acq: 18 May 2016 1:50

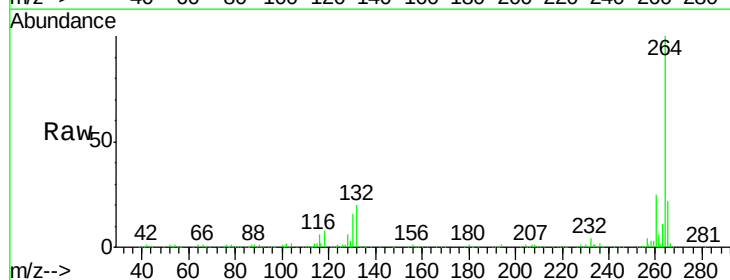
Tgt Ion:264 Resp: 382508

Ion Ratio Lower Upper

264 100

260 24.9 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

