

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087688.D
 Acq On : 5 Jun 2016 4:40
 Operator : UM/SJ
 Sample : H3352-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1605134343

Quant Time: Jun 05 06:32:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

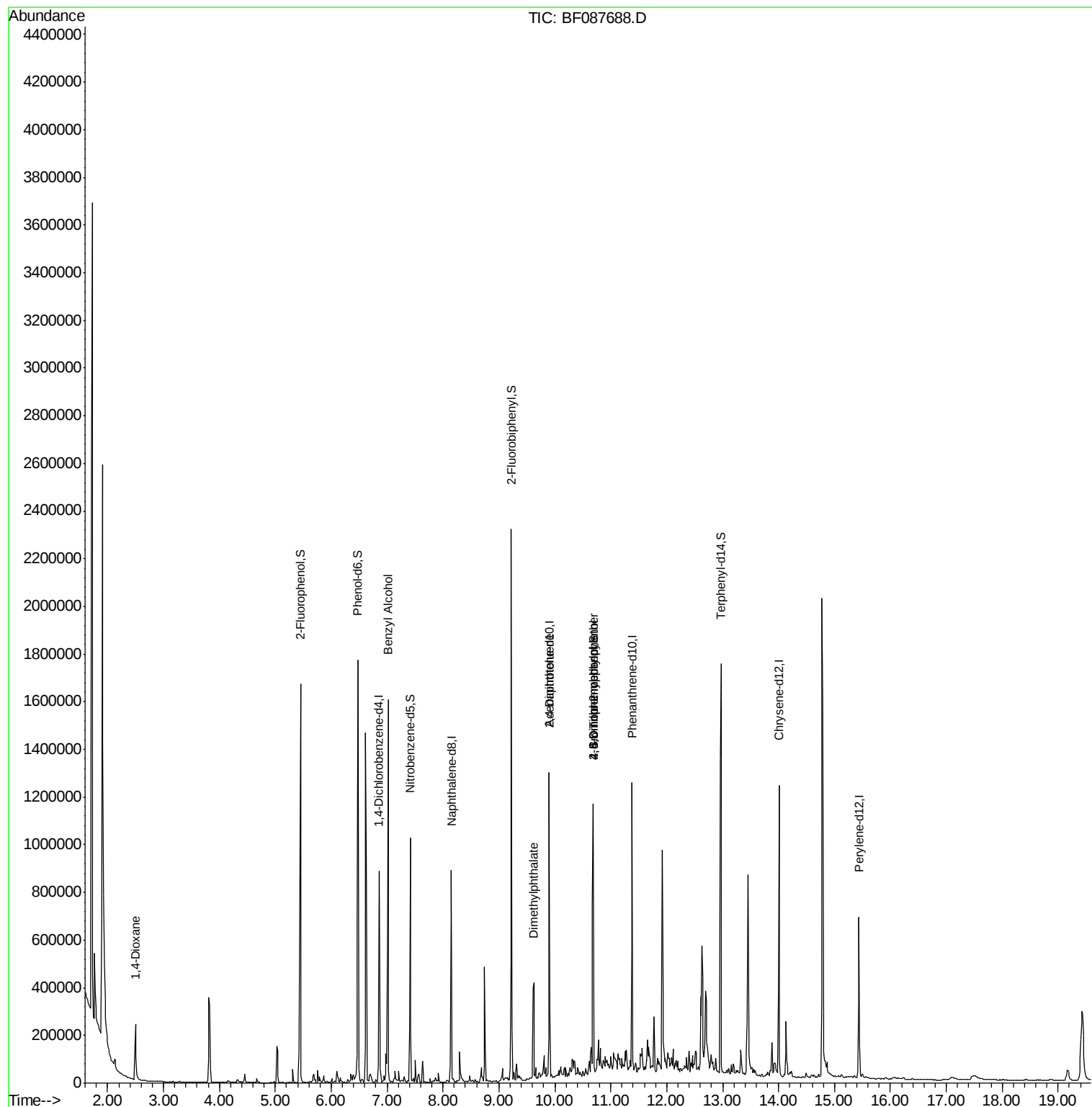
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	124618	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	527032	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	243734	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	480579	20.00	ng	0.00
75) Chrysene-d12	14.01	240	395078	20.00	ng	-0.01
86) Perylene-d12	15.44	264	297070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	523102	67.85	ng	0.00
7) Phenol-d6	6.48	99	636218	65.80	ng	-0.01
23) Nitrobenzene-d5	7.42	82	341942	37.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	167036	68.27	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	707724	37.87	ng	-0.01
78) Terphenyl-d14	12.97	244	723518	44.69	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.50	88	15169	4.07	ng	# 1
15) Benzyl Alcohol	7.02	79	18090	2.53	ng	# 65
49) Dimethylphthalate	9.62	163	246733	13.92	ng	98
56) 2,4-Dinitrotoluene	9.90	165	31715	6.18	ng	# 38
64) 4,6-Dinitro-2-methylphenol	10.68	198	255	2.11	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	10000	2.10	ng	# 1

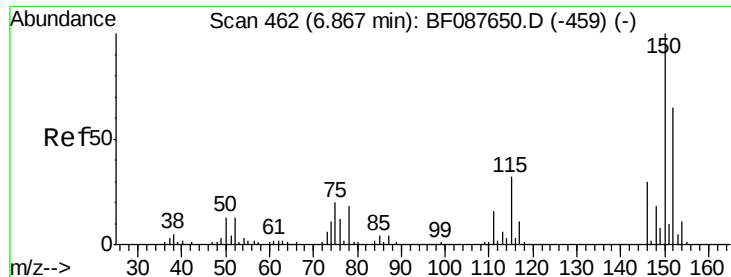
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087688.D

Acq: 5 Jun 2016 4:40

Instrument :

BNA_F

ClientSampleId :

1605134343

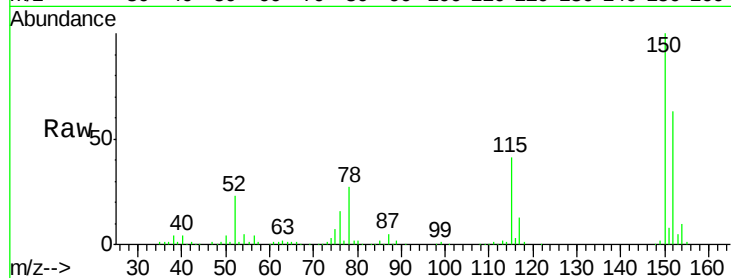
Tgt Ion:152 Resp: 124618

Ion Ratio Lower Upper

152 100

150 158.8 123.8 185.6

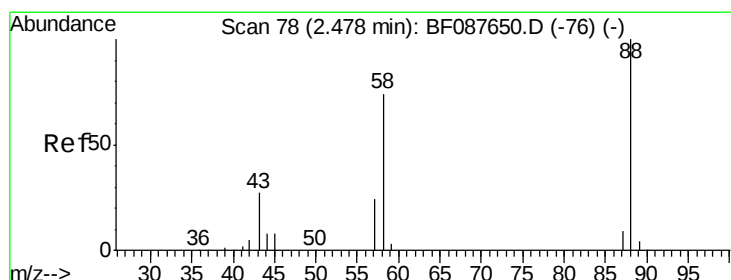
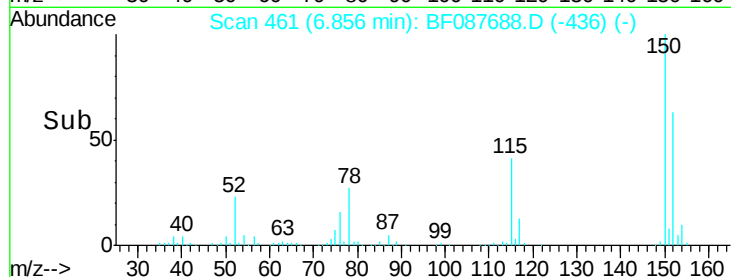
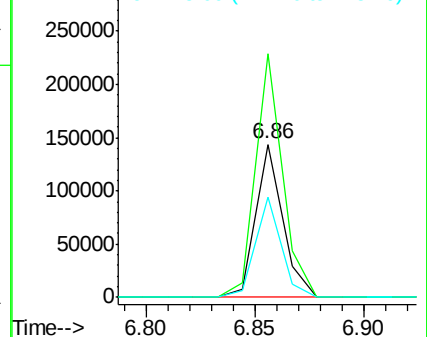
115 65.3 39.6 59.4#



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



#2

1,4-Dioxane

Concen: 4.07 ng

RT: 2.50 min Scan# 80

Delta R.T. 0.02 min

Lab File: BF087688.D

Acq: 5 Jun 2016 4:40

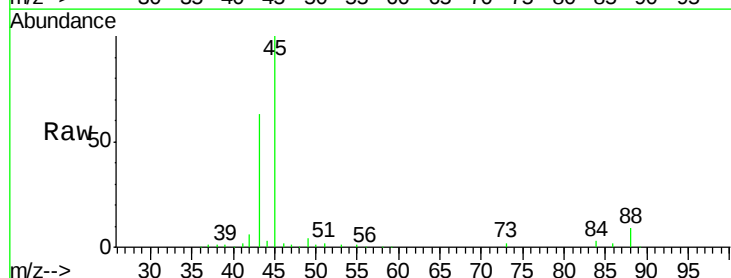
Tgt Ion: 88 Resp: 15169

Ion Ratio Lower Upper

88 100

58 5.7 0.0 0.0#

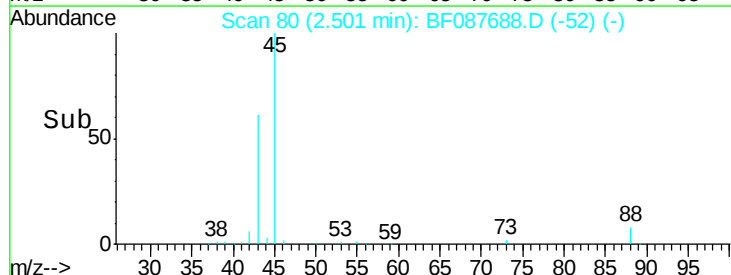
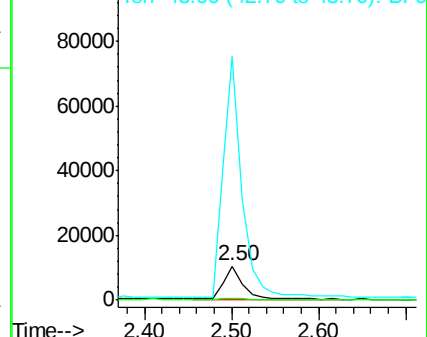
43 752.4 3.4 5.2#

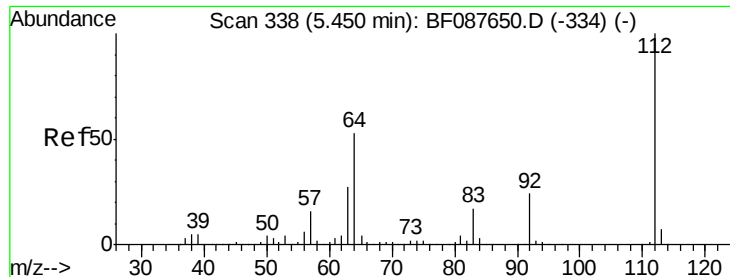


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 67.85 ng

RT: 5.45 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF087688.D

Acq: 5 Jun 2016 4:40

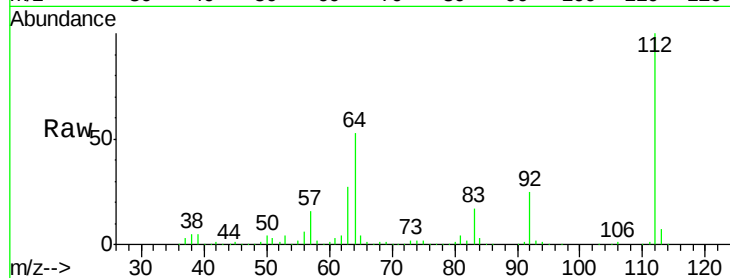
Instrument :

BNA_F

ClientSampleId :

1605134343

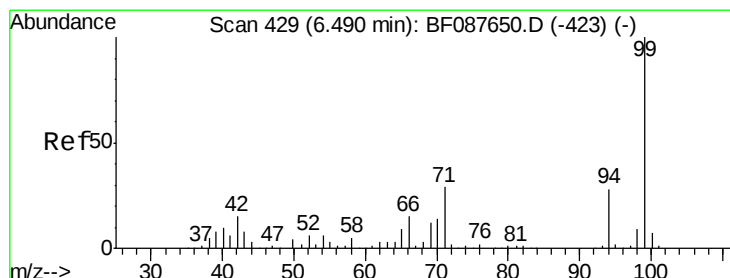
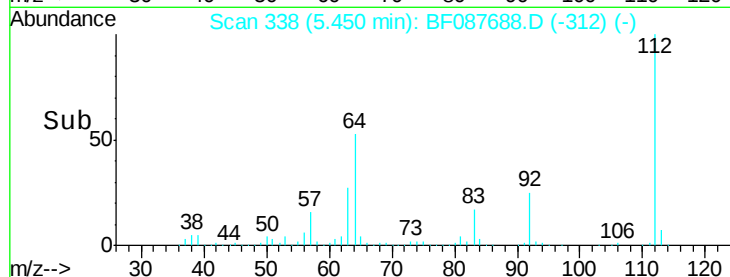
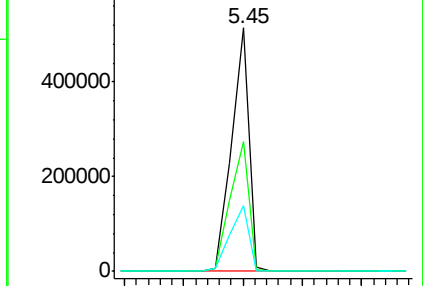
Tgt Ion:	112	Resp:	523102
Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.2	63.2
63	27.2	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 65.80 ng

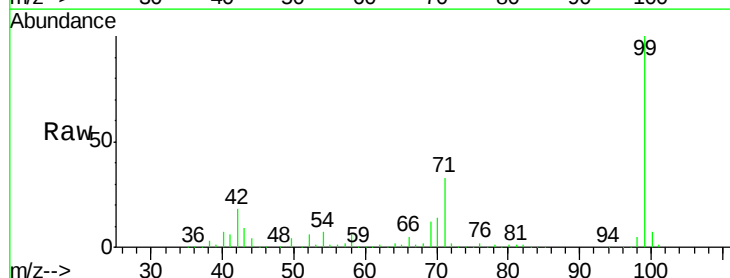
RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087688.D

Acq: 5 Jun 2016 4:40

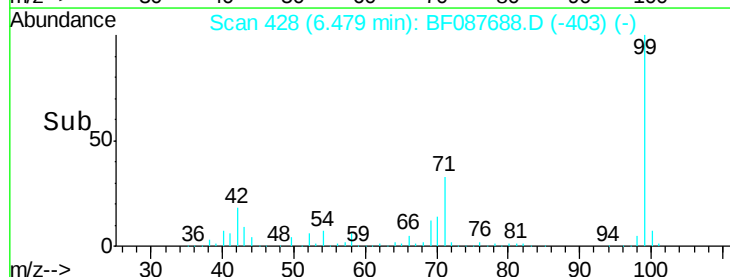
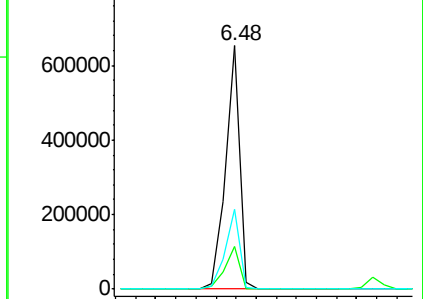
Tgt Ion:	99	Resp:	636218
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	32.8	23.4	35.0

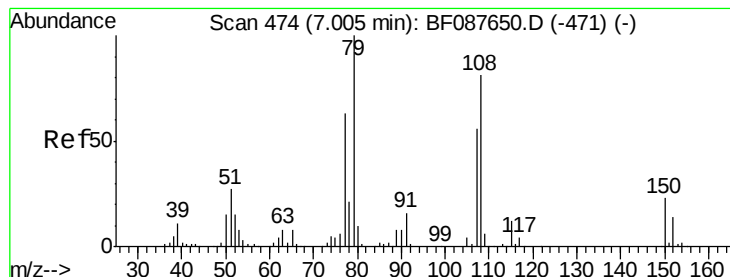


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.53 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF087688.D

Acq: 5 Jun 2016 4:40

Instrument :

BNA_F

ClientSampleId :

1605134343

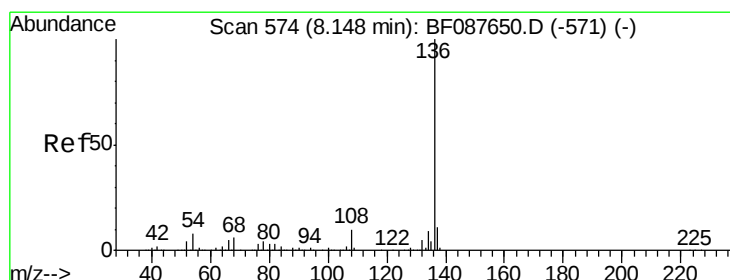
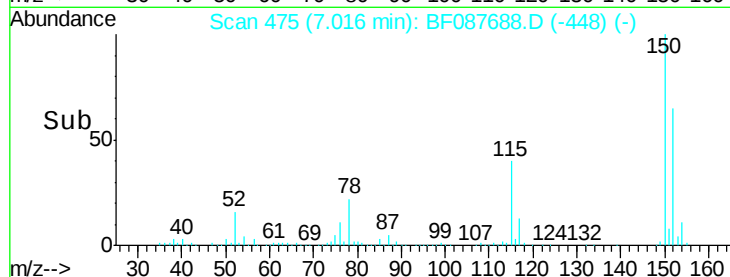
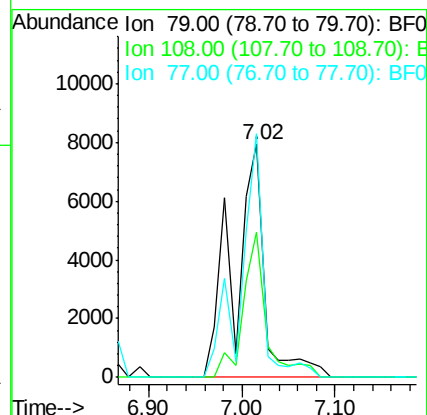
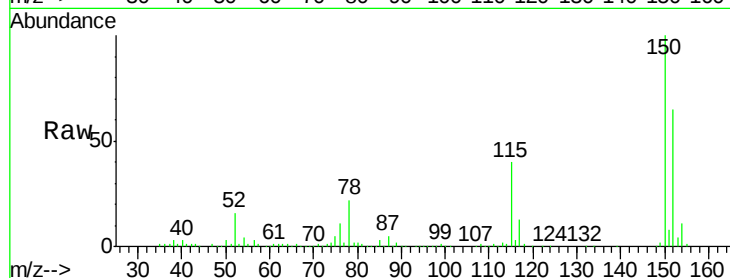
Tgt Ion: 79 Resp: 18090

Ion Ratio Lower Upper

79 100

108 62.4 65.0 97.6#

77 104.6 50.3 75.5#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087688.D

Acq: 5 Jun 2016 4:40

Tgt Ion: 136 Resp: 527032

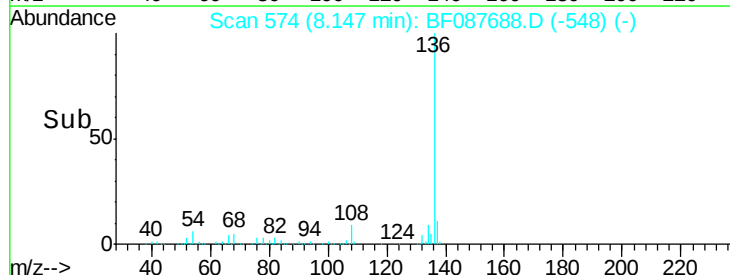
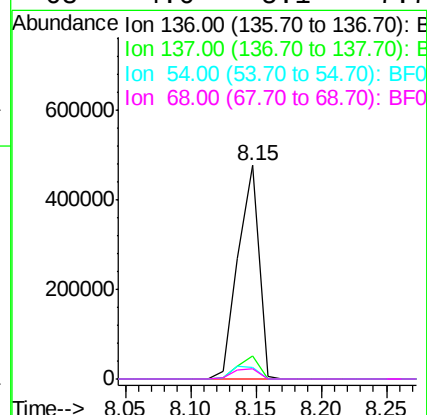
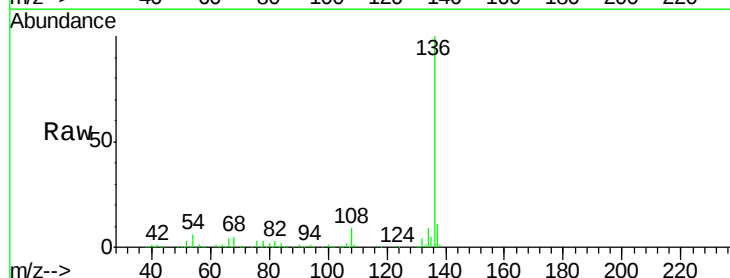
Ion Ratio Lower Upper

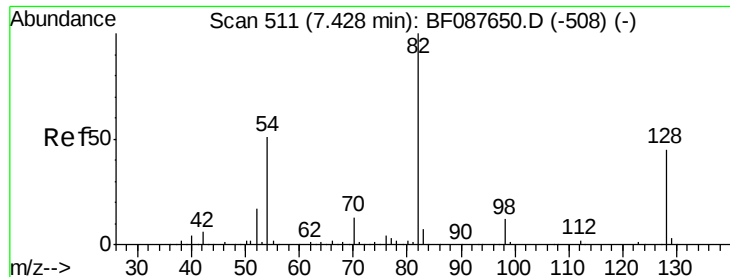
136 100

137 10.8 9.1 13.7

54 5.6 6.6 10.0#

68 4.6 5.1 7.7#

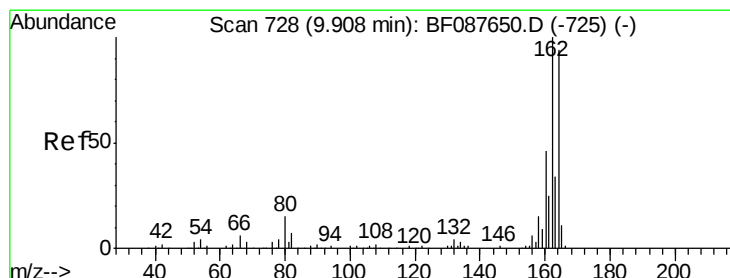
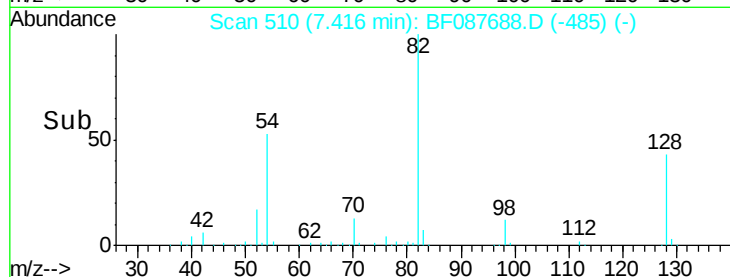
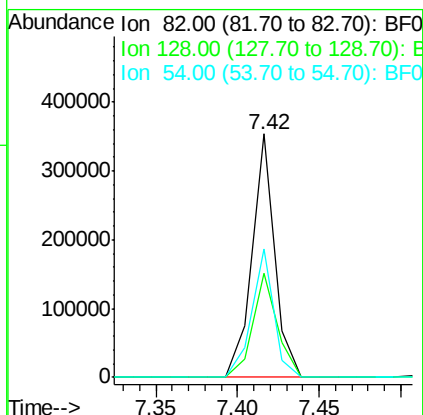
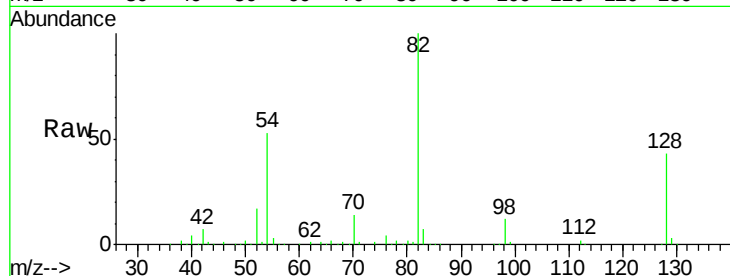




#23
 Nitrobenzene-d5
 Concen: 37.54 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087688.D
 Acq: 5 Jun 2016 4:40

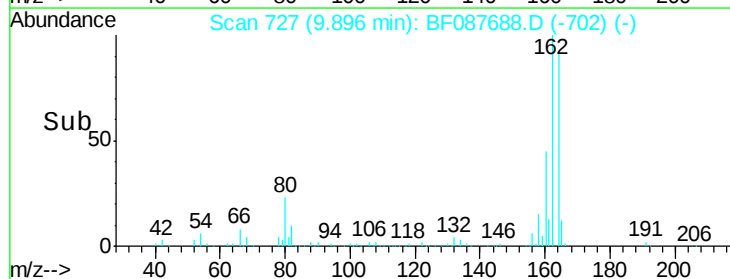
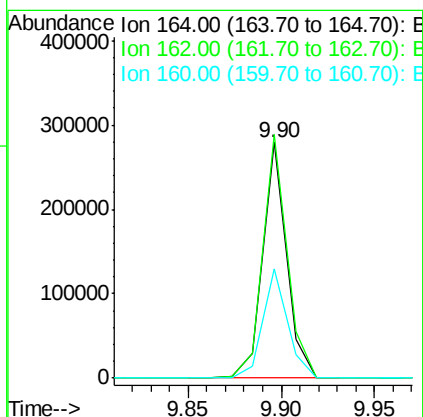
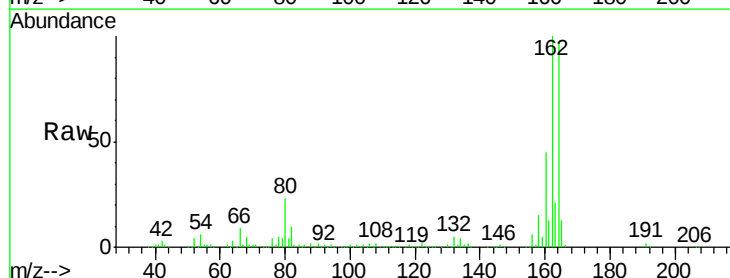
Instrument :
 BNA_F
 ClientSampleId :
 1605134343

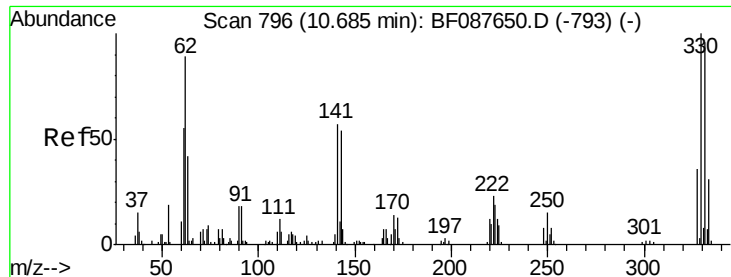
Tgt Ion: 82 Resp: 341942
 Ion Ratio Lower Upper
 82 100
 128 42.6 35.9 53.9
 54 52.6 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF087688.D
 Acq: 5 Jun 2016 4:40

Tgt Ion: 164 Resp: 243734
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.4 128.2
 160 46.2 39.5 59.3

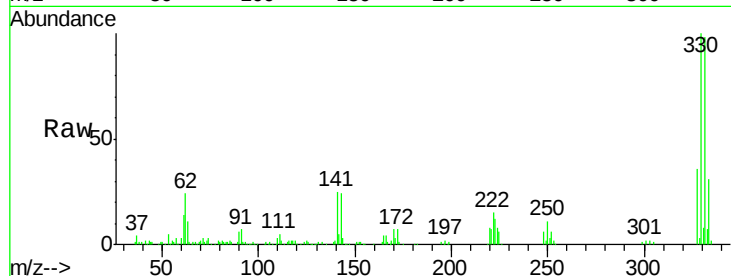




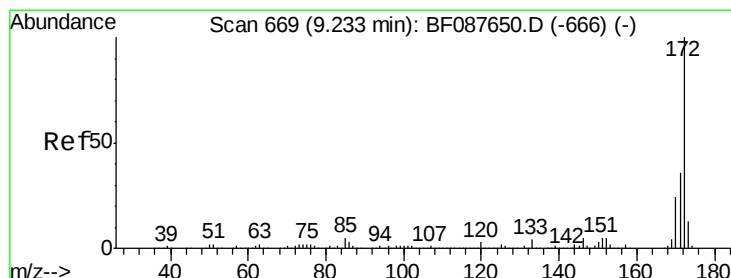
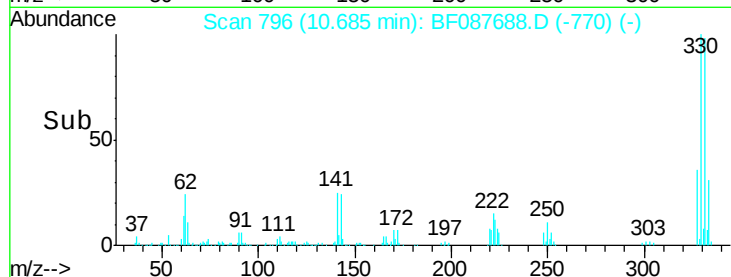
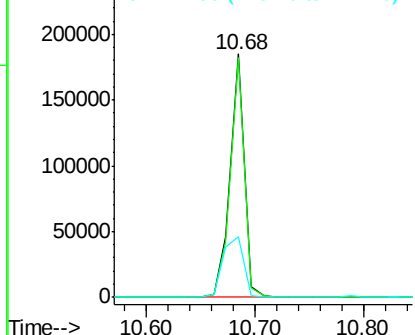
#41
 2,4,6-Tribromophenol
 Concen: 68.27 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087688.D
 Acq: 5 Jun 2016 4:40

Instrument :
 BNA_F
 ClientSampleId :
 1605134343

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	35.8	0.0	0.0#

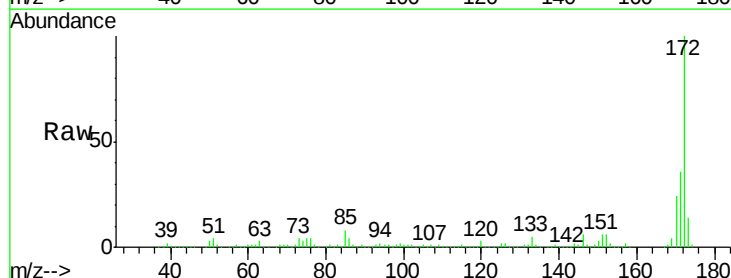


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

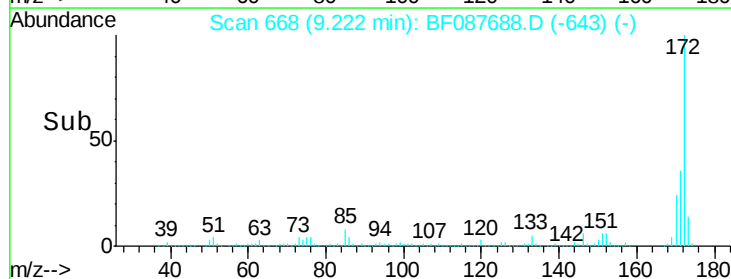
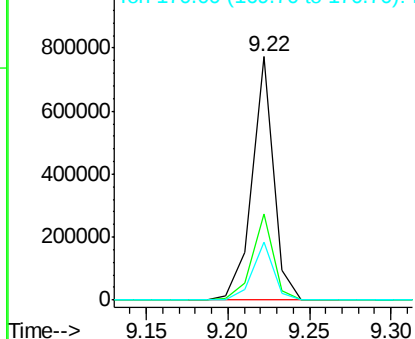


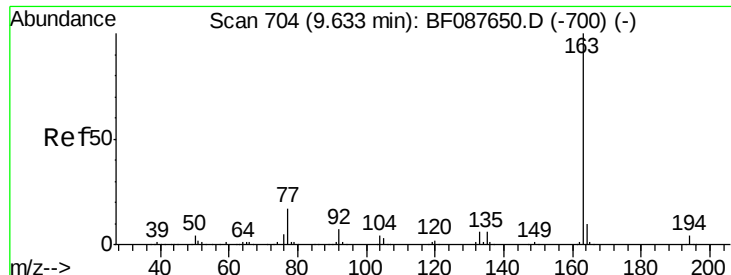
#44
 2-Fluorobiphenyl
 Concen: 37.87 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087688.D
 Acq: 5 Jun 2016 4:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.9	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





#49

Dimethylphthalate

Concen: 13.92 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087688.D

Acq: 5 Jun 2016 4:40

Instrument :

BNA_F

ClientSampleId :

1605134343

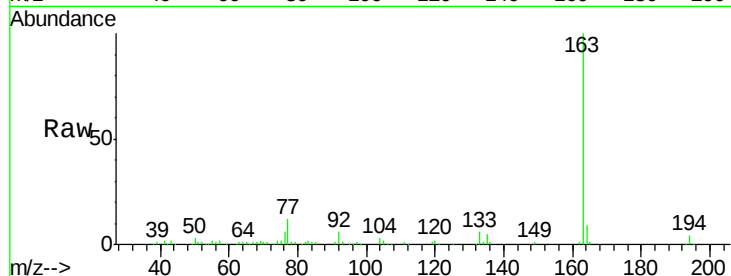
Tgt Ion:163 Resp: 246733

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

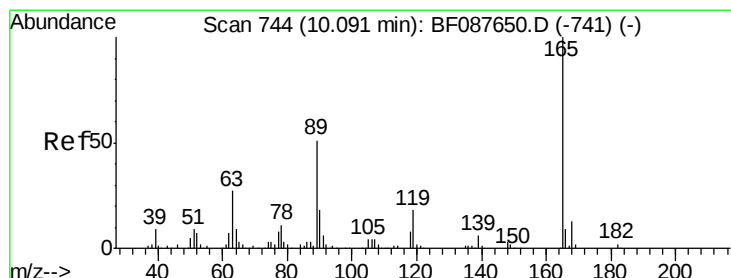
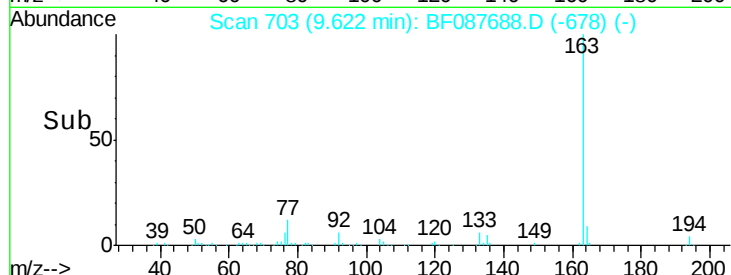
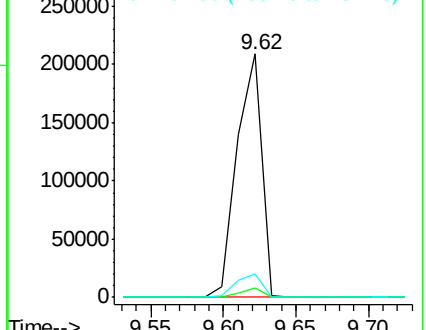
164 9.4 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.18 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.19 min

Lab File: BF087688.D

Acq: 5 Jun 2016 4:40

Tgt Ion:165 Resp: 31715

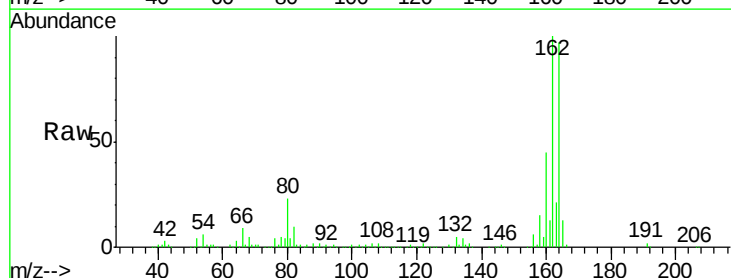
Ion Ratio Lower Upper

165 100

63 1.6 22.0 33.0#

89 1.6 41.1 61.7#

182 0.0 2.0 3.0#

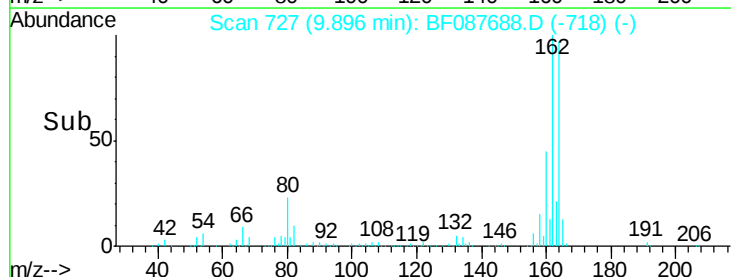
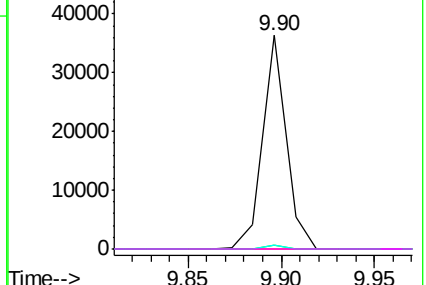


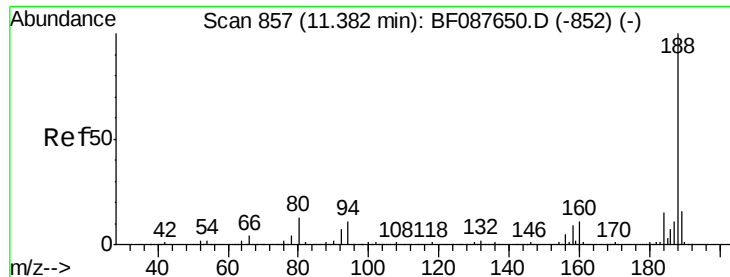
Abundance Ion 165.00 (164.70 to 165.70): E

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

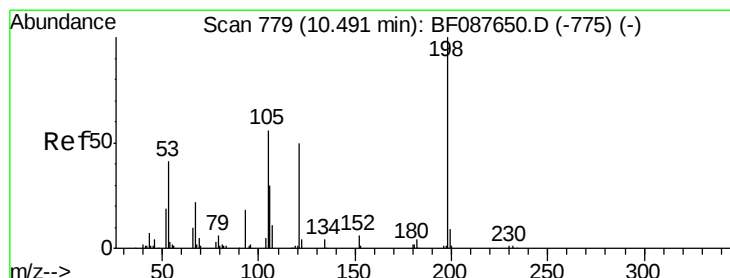
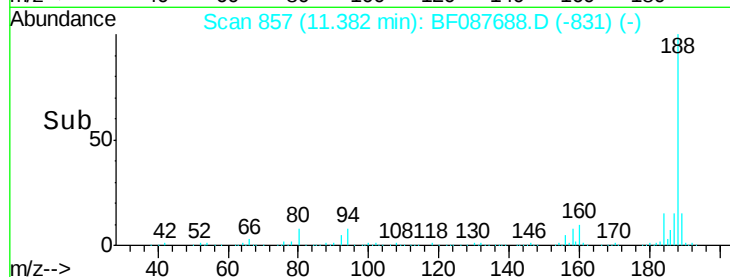
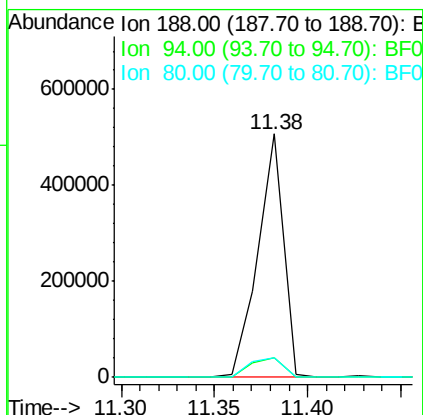
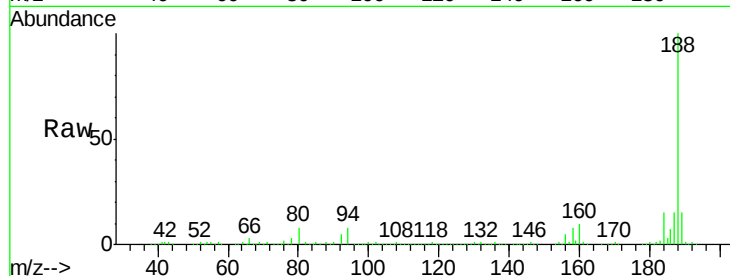




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087688.D
 Acq: 5 Jun 2016 4:40

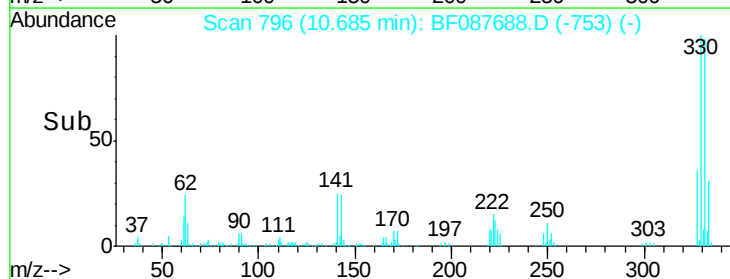
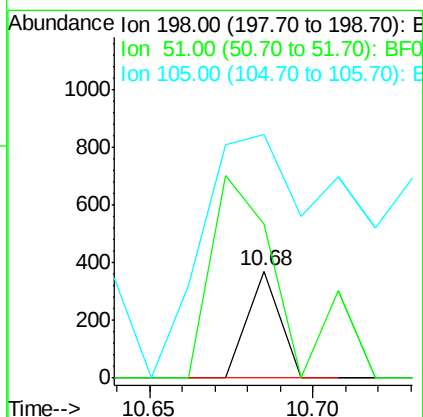
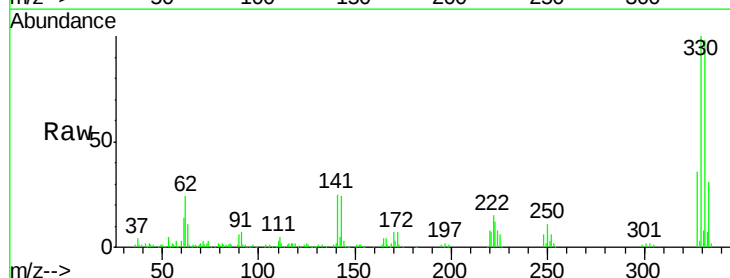
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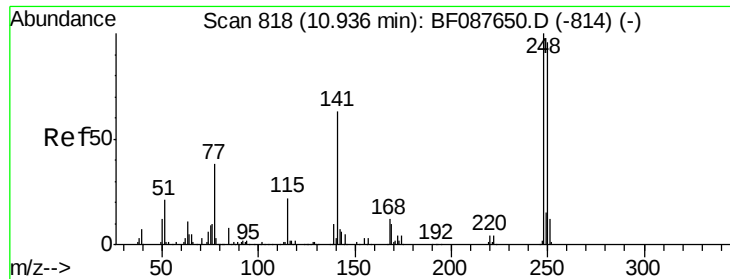
Tgt Ion:188 Resp: 480579
 Ion Ratio Lower Upper
 188 100
 94 8.2 9.0 13.6#
 80 8.3 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.11 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.19 min
 Lab File: BF087688.D
 Acq: 5 Jun 2016 4:40

Tgt Ion:198 Resp: 255
 Ion Ratio Lower Upper
 198 100
 51 143.3 39.6 79.6#
 105 227.2 36.6 76.6#





#66

4-Bromophenyl-phenylether

Concen: 2.10 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.25 min

Lab File: BF087688.D

Acq: 5 Jun 2016 4:40

Instrument :

BNA_F

ClientSampleId :

1605134343

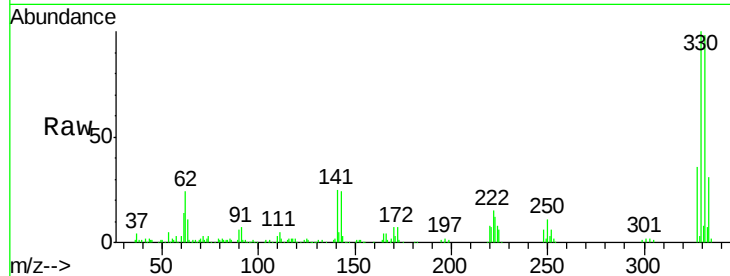
Tgt Ion:248 Resp: 10000

Ion Ratio Lower Upper

248 100

250 204.3 77.1 115.7#

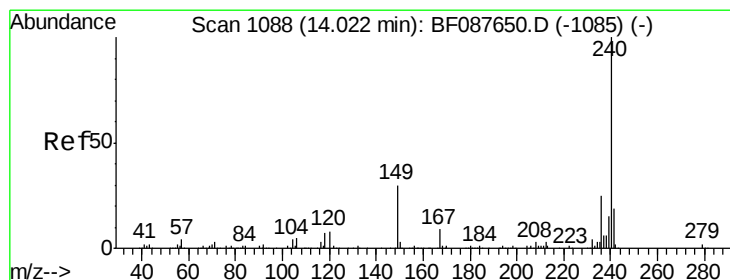
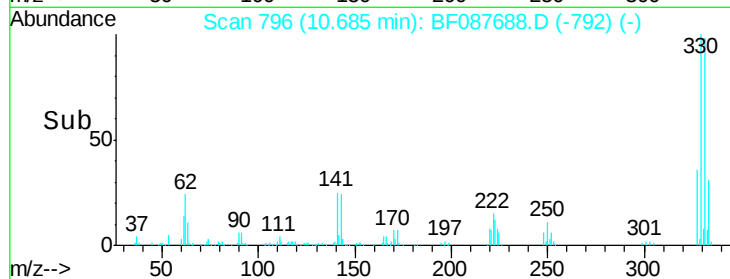
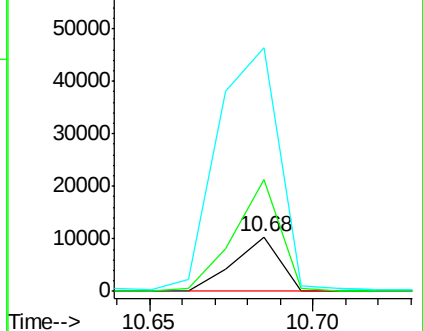
141 445.5 50.6 76.0#



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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087688.D

Acq: 5 Jun 2016 4:40

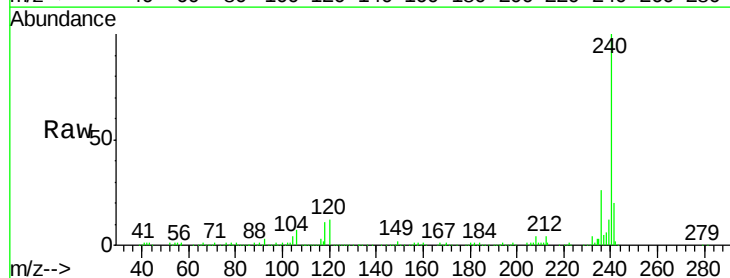
Tgt Ion:240 Resp: 395078

Ion Ratio Lower Upper

240 100

120 11.8 6.8 10.2#

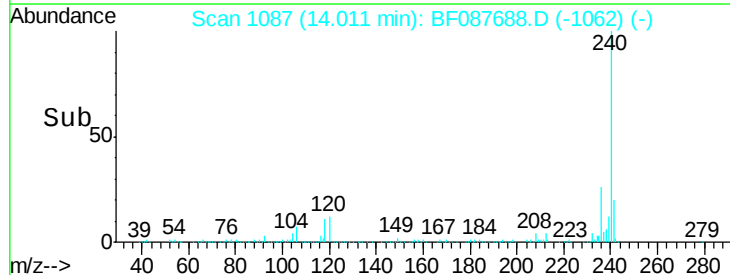
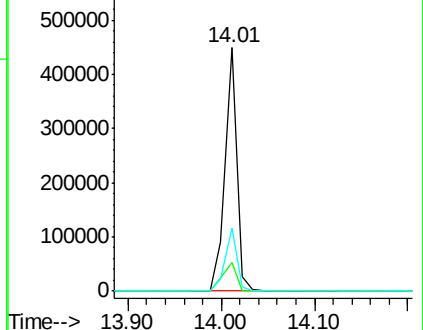
236 25.8 20.2 30.2

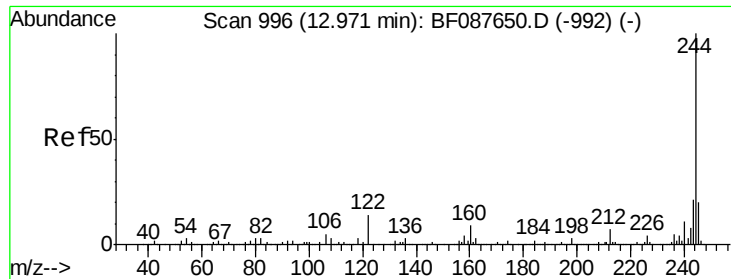


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

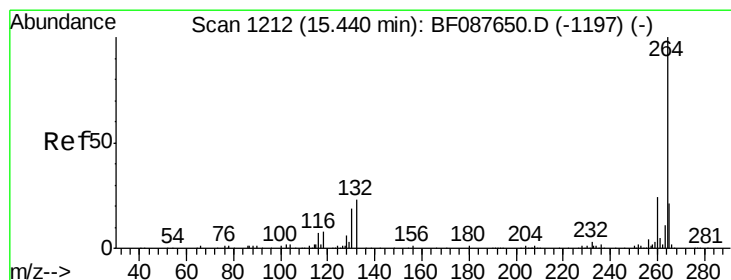
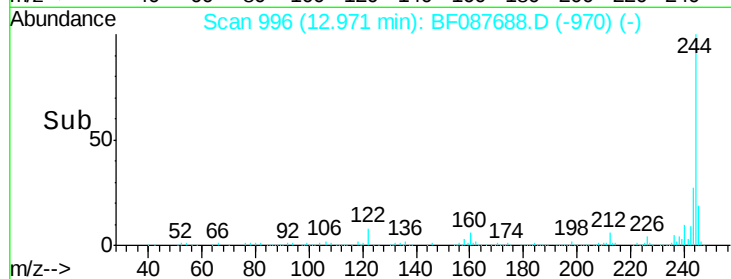
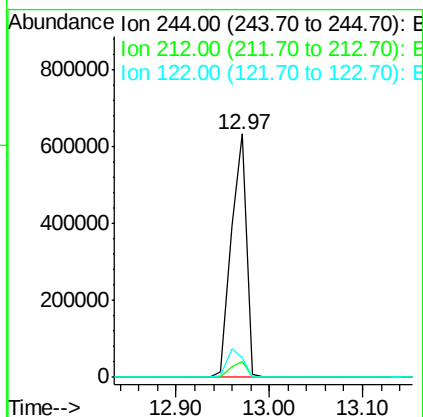
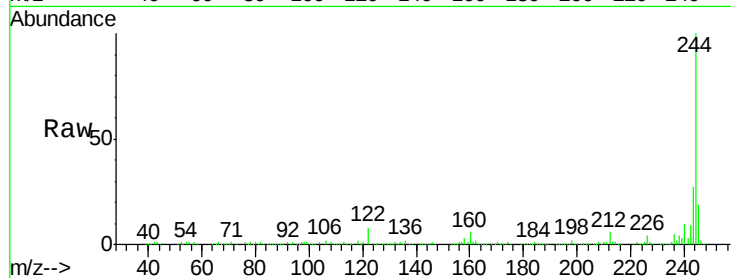




#78
 Terphenyl-d14
 Concen: 44.69 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087688.D
 Acq: 5 Jun 2016 4:40

Instrument :
 BNA_F
 ClientSampleId :
 1605134343

Tgt Ion: 244 Resp: 723518
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 8.0 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087688.D
 Acq: 5 Jun 2016 4:40

Tgt Ion: 264 Resp: 297070
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.7 16.9 25.3

