

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088146.D
 Acq On : 18 Jun 2016 21:01
 Operator : UM/SJ
 Sample : H3580-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 08-B5(0-8)C

Quant Time: Jun 19 07:51:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

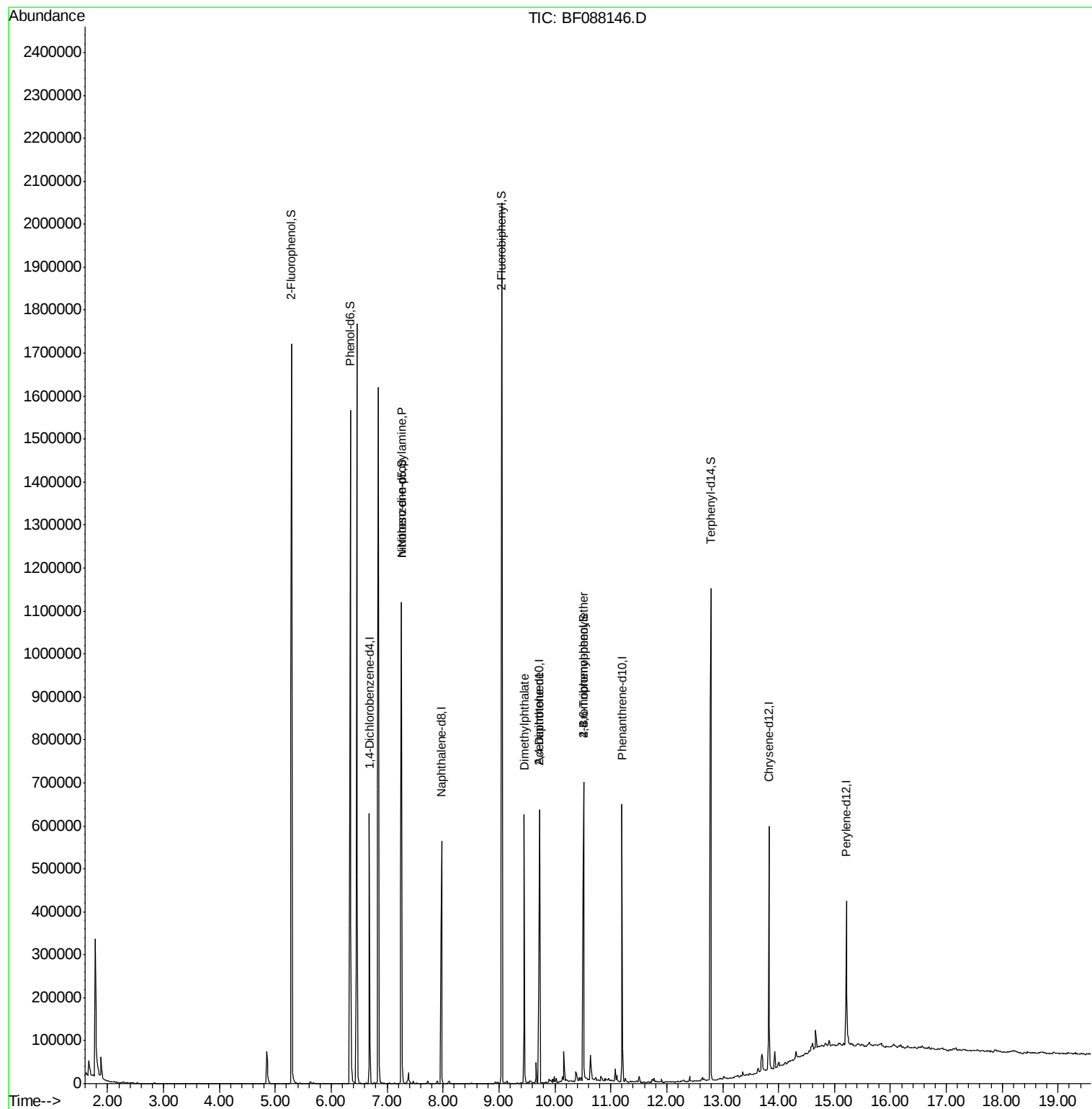
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	94869	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	338138	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	135306	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	213867	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	177871	20.00	ng	-0.02
86) Perylene-d12	15.21	264	135175	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	601759	108.44	ng	0.01
7) Phenol-d6	6.34	99	638958	95.01	ng	-0.01
23) Nitrobenzene-d5	7.26	82	395714	68.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	103472	72.42	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	633952	72.81	ng	-0.02
78) Terphenyl-d14	12.79	244	479246	61.31	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	8159	Below Cal	#	32
19) n-Nitroso-di-n-propylamine	7.26	70	51309	11.93	ng	# 70
45) 1,1'-Biphenyl	9.15	154	245	Below Cal	#	43
49) Dimethylphthalate	9.45	163	256338	26.15	ng	99
56) 2,4-Dinitrotoluene	9.72	165	17046	5.91	ng	# 36
57) Fluorene	10.27	166	224	Below Cal	#	94
66) 4-Bromophenyl-phenylether	10.51	248	6746	2.94	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: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088146.D

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BNA_F

ClientSampleId :

08-B5(0-8)C

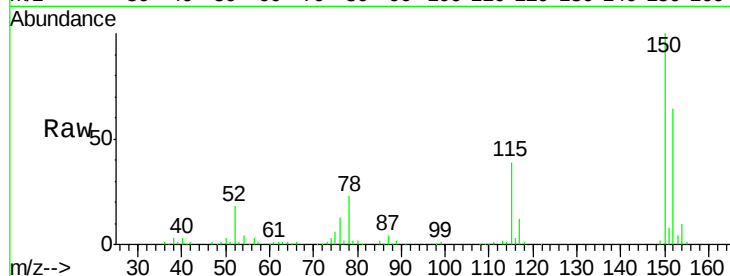
Tgt Ion:152 Resp: 94869

Ion Ratio Lower Upper

152 100

150 155.1 123.8 185.6

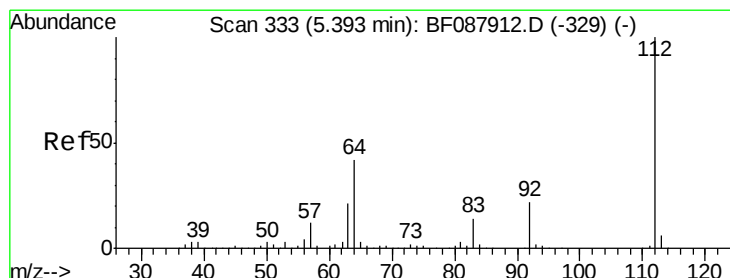
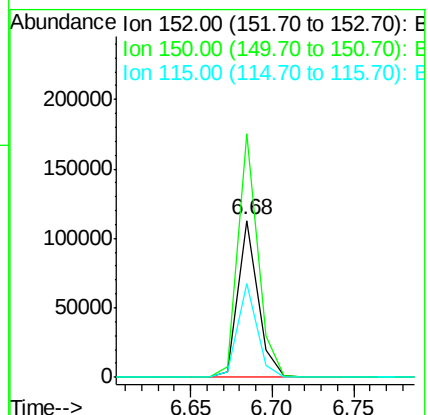
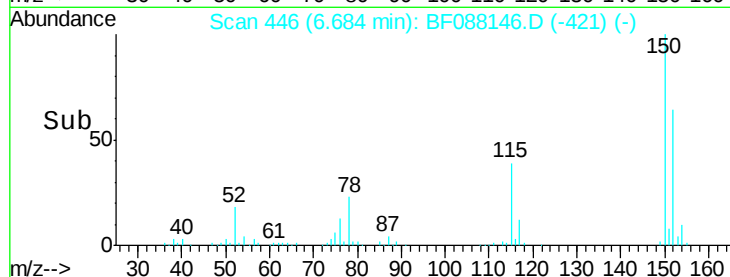
115 60.0 39.6 59.4#



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: 108.44 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088146.D

Acq: 18 Jun 2016 21:01

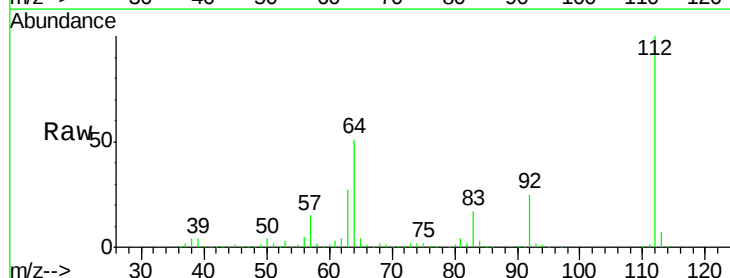
Tgt Ion:112 Resp: 601759

Ion Ratio Lower Upper

112 100

64 51.2 42.2 63.2

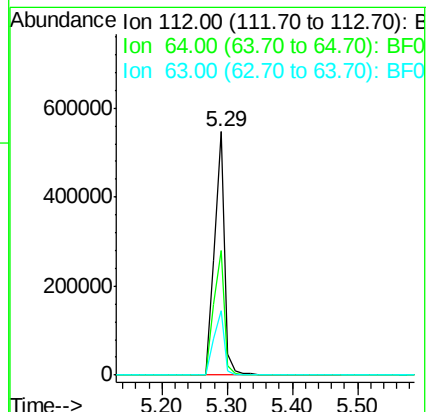
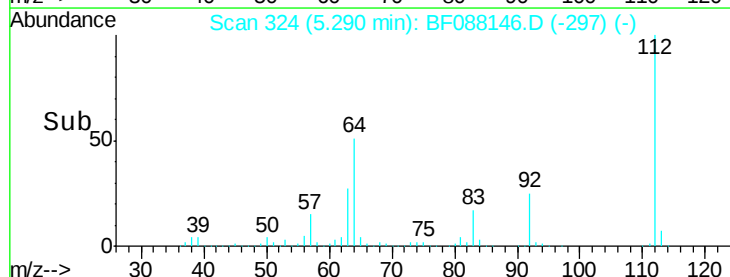
63 26.5 21.8 32.8

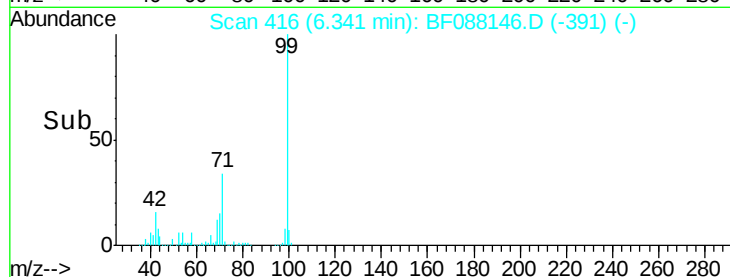
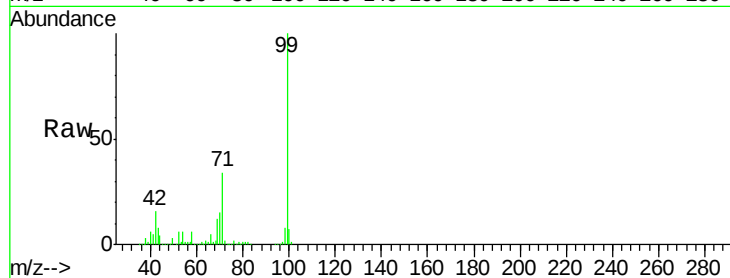


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.01 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088146.D

Acq: 18 Jun 2016 21:01

Instrument :

BNA_F

ClientSampleId :

08-B5(0-8)C

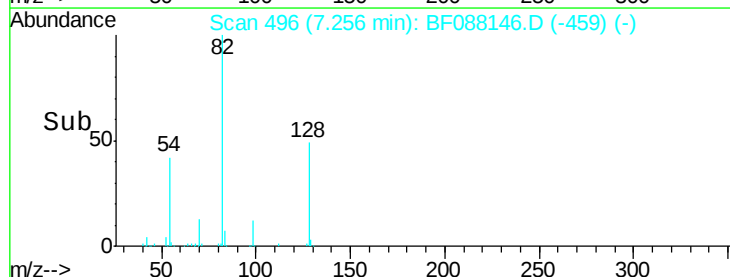
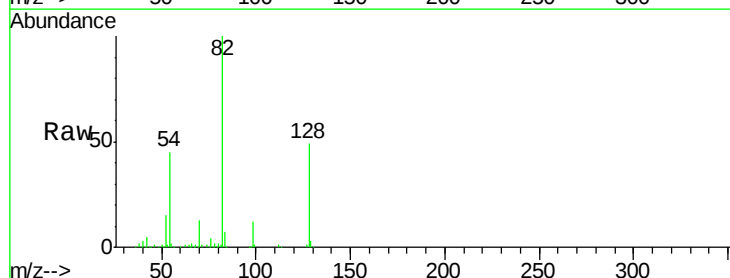
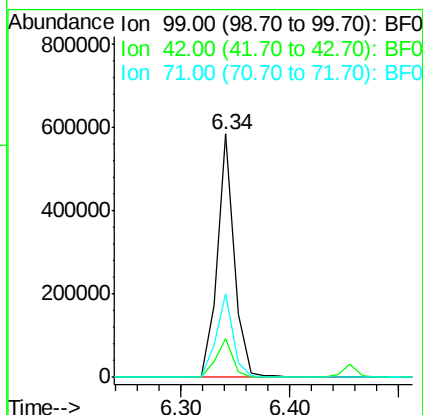
Tgt Ion: 99 Resp: 638958

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

71 34.1 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.93 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.13 min

Lab File: BF088146.D

Acq: 18 Jun 2016 21:01

Tgt Ion: 70 Resp: 51309

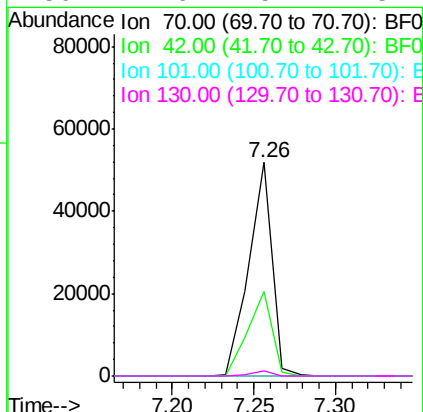
Ion Ratio Lower Upper

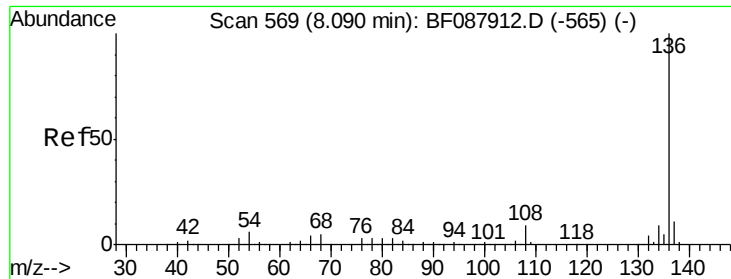
70 100

42 39.8 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#

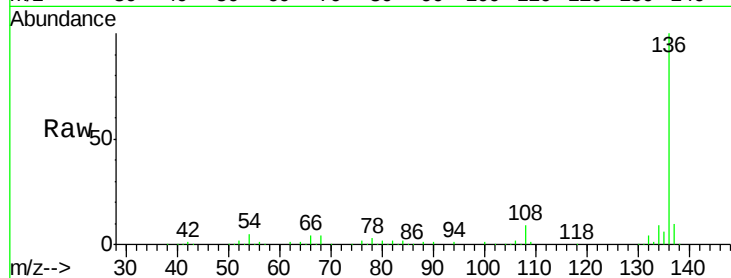




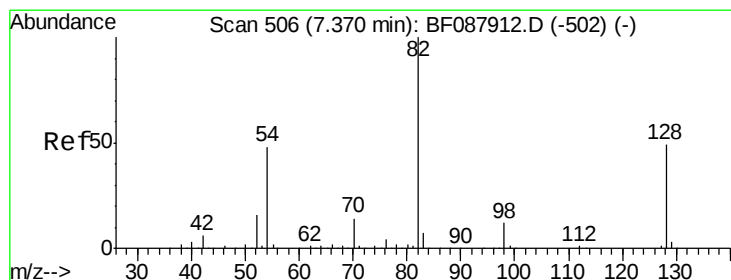
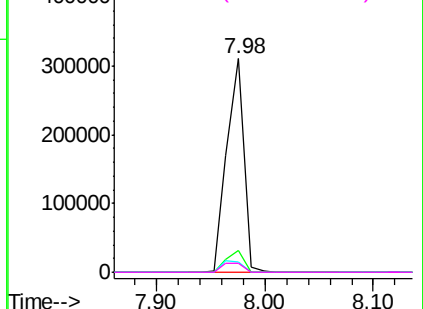
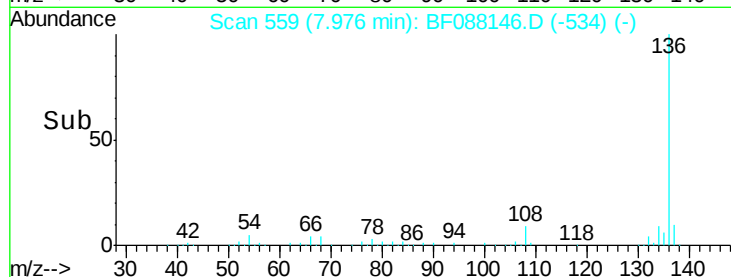
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088146.D
Acq: 18 Jun 2016 21:01

Instrument :
BNA_F
ClientSampleId :
08-B5(0-8)C

Tgt Ion: 136 Resp: 338138
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 5.0 6.6 10.0#
68 4.5 5.1 7.7#

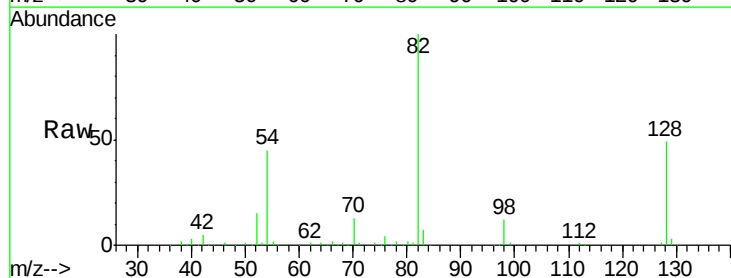


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

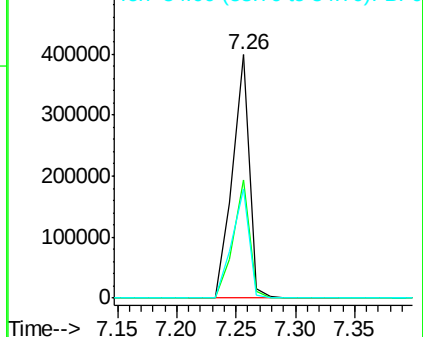
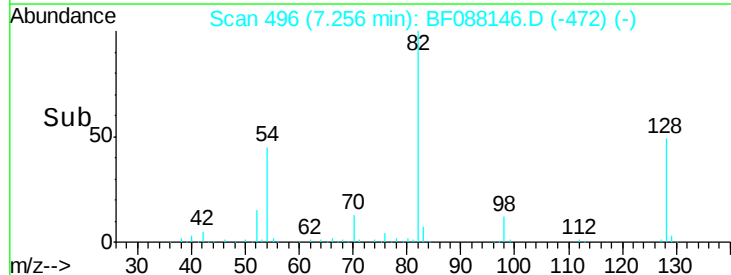


#23
Nitrobenzene-d5
Concen: 68.34 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088146.D
Acq: 18 Jun 2016 21:01

Tgt Ion: 82 Resp: 395714
Ion Ratio Lower Upper
82 100
128 48.7 35.9 53.9
54 44.8 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: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088146.D

Acq: 18 Jun 2016 21:01

Instrument :

BNA_F

ClientSampleId :

08-B5(0-8)C

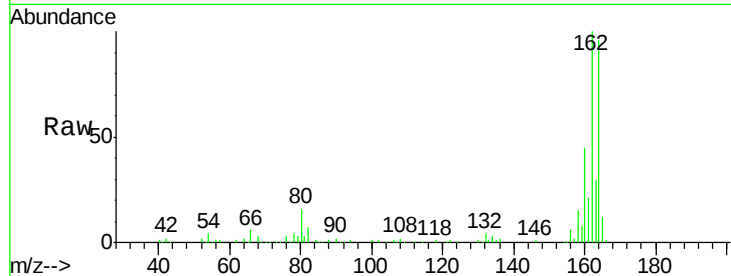
Tgt Ion:164 Resp: 135306

Ion Ratio Lower Upper

164 100

162 104.6 85.4 128.2

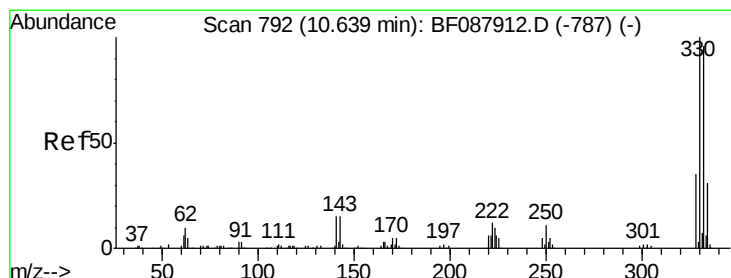
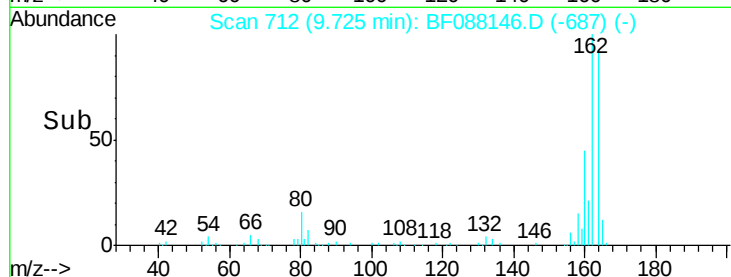
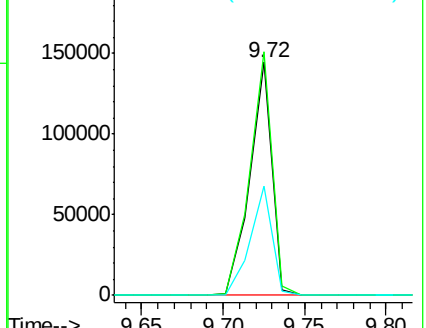
160 47.2 39.5 59.3



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: 72.42 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF088146.D

Acq: 18 Jun 2016 21:01

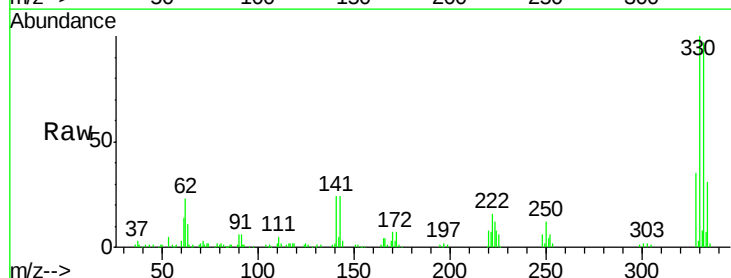
Tgt Ion:330 Resp: 103472

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

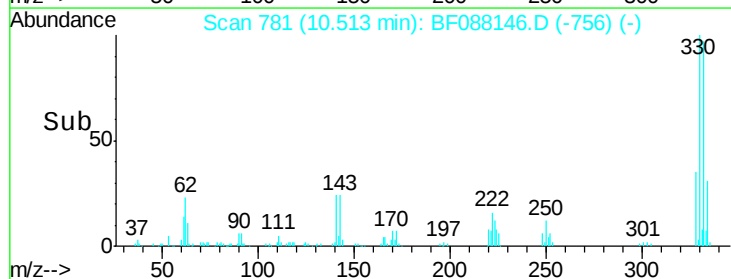
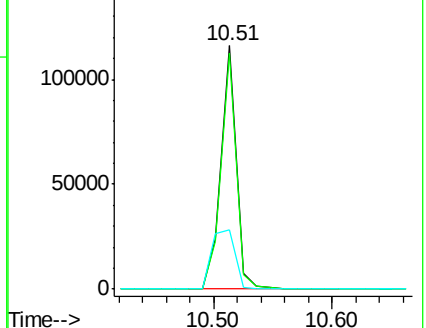
141 37.5 0.0 0.0#

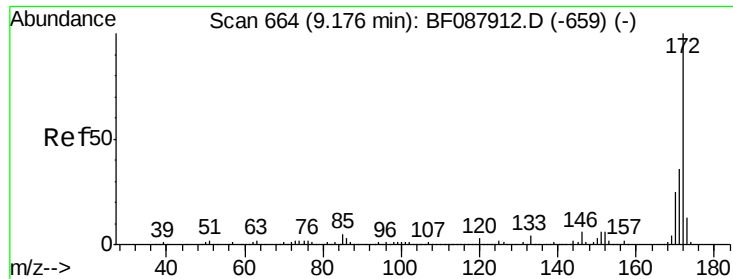


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

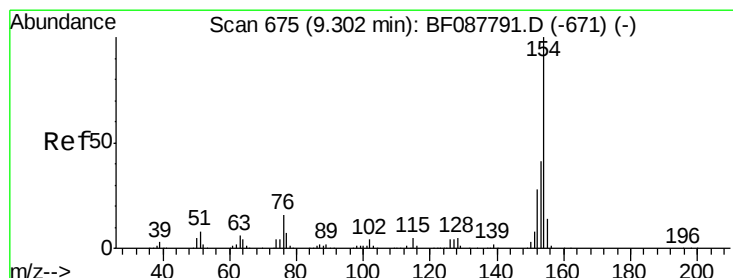
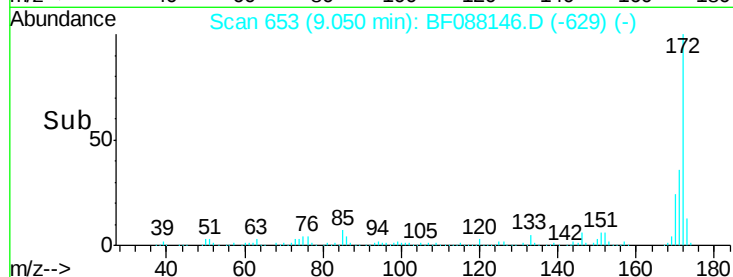
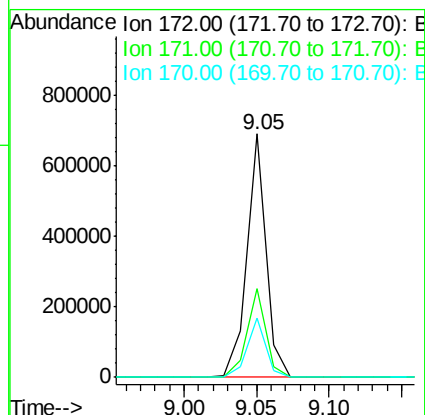
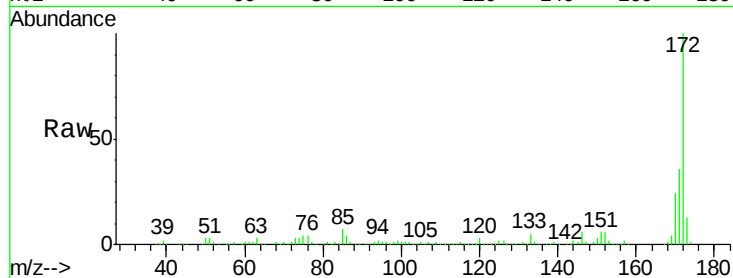




#44
 2-Fluorobiphenyl
 Concen: 72.81 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088146.D
 Acq: 18 Jun 2016 21:01

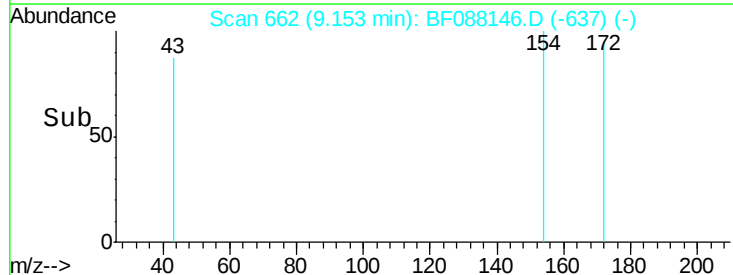
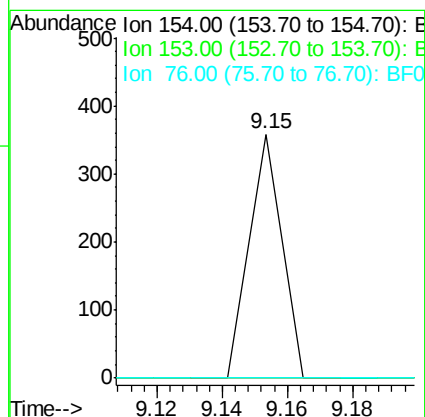
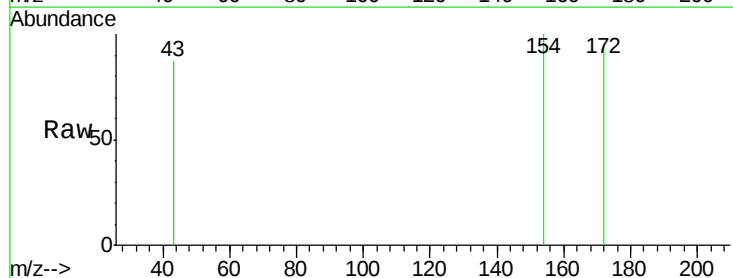
Instrument :
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 08-B5(0-8)C

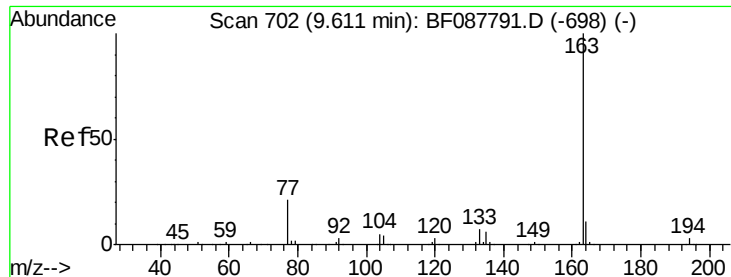
Tgt Ion:172 Resp: 633952
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.2 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF088146.D
 Acq: 18 Jun 2016 21:01

Tgt Ion:154 Resp: 245
 Ion Ratio Lower Upper
 154 100
 153 0.0 20.6 60.6#
 76 0.0 0.0 35.1





#49

Dimethylphthalate

Concen: 26.15 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088146.D

Acq: 18 Jun 2016 21:01

Instrument :

BNA_F

ClientSampleId :

08-B5(0-8)C

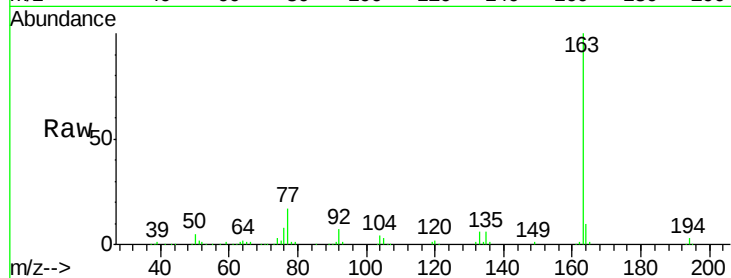
Tgt Ion:163 Resp: 256338

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

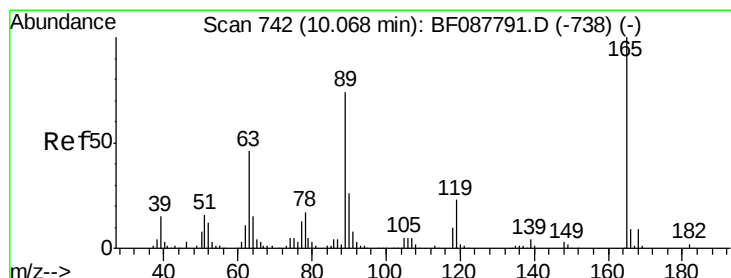
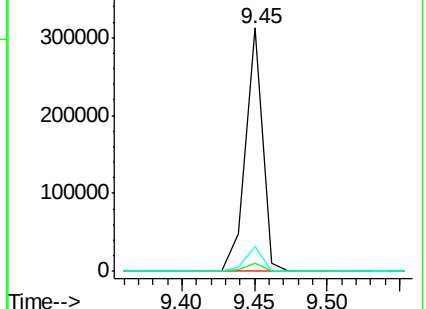
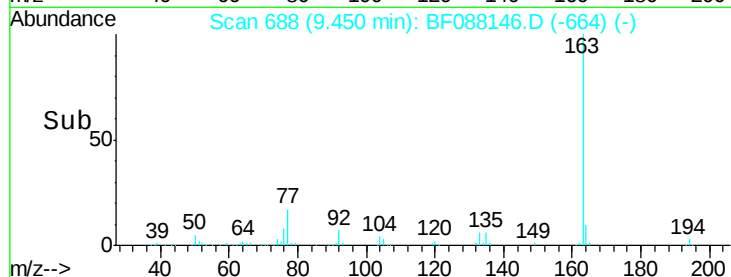
164 10.0 8.3 12.5



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: 5.91 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088146.D

Acq: 18 Jun 2016 21:01

Tgt Ion:165 Resp: 17046

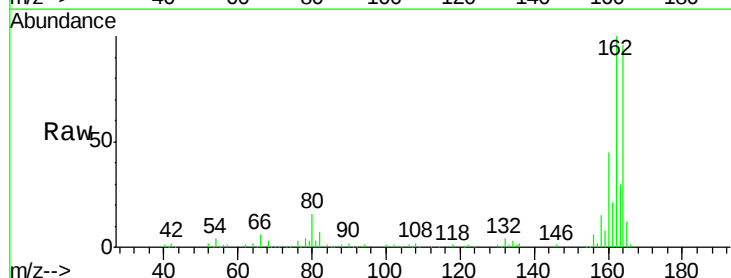
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

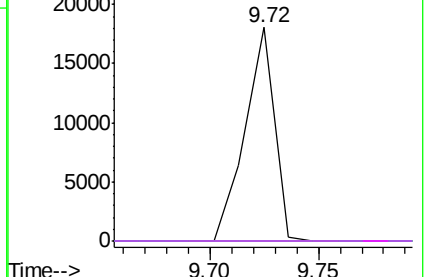
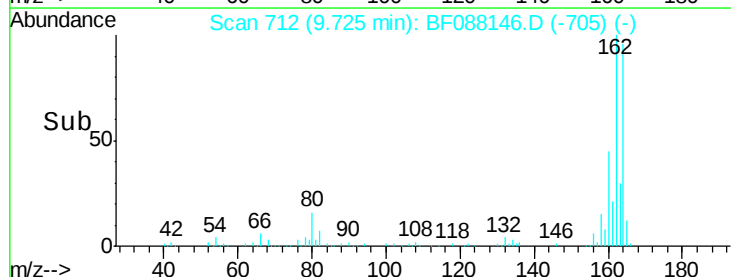


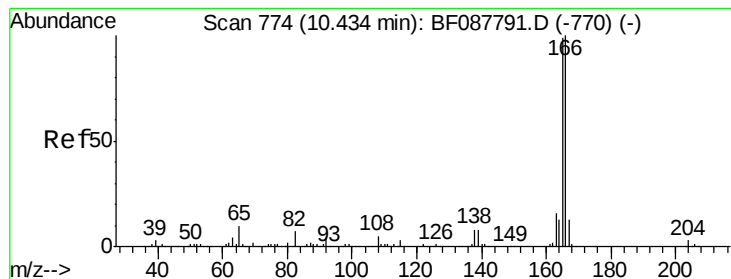
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF088146.D

Acq: 18 Jun 2016 21:01

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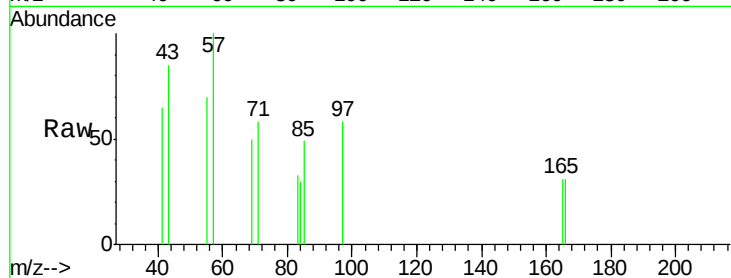
Tgt Ion:166 Resp: 224

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.8

167 0.0 11.2 16.8#



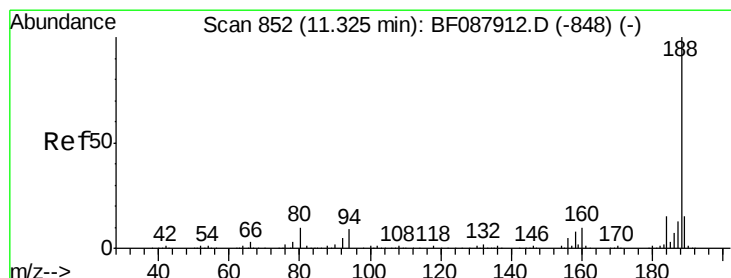
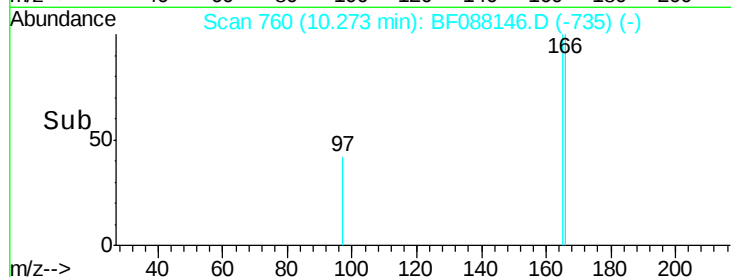
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.27

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088146.D

Acq: 18 Jun 2016 21:01

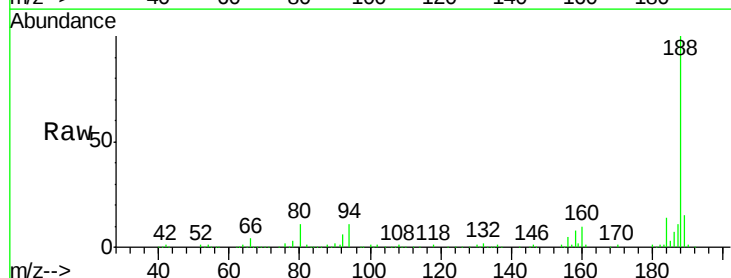
Tgt Ion:188 Resp: 213867

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.6

80 11.0 10.0 15.0



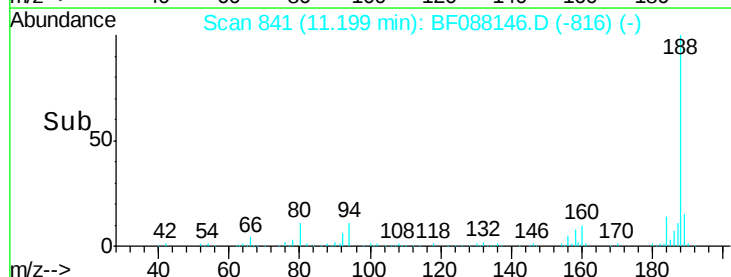
Abundance Ion 188.00 (187.70 to 188.70): E

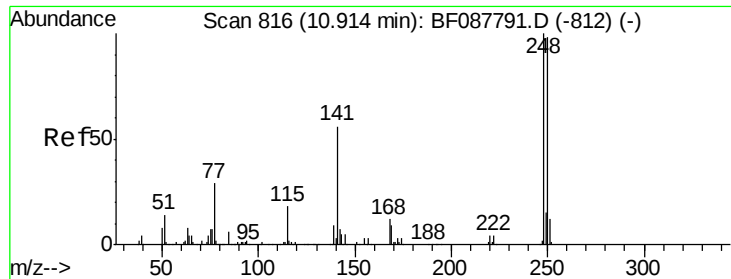
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.20

Time-->





#66

4-Bromophenyl-phenylether

Concen: 2.94 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.25 min

Lab File: BF088146.D

Acq: 18 Jun 2016 21:01

Instrument :

BNA_F

ClientSampleId :

08-B5(0-8)C

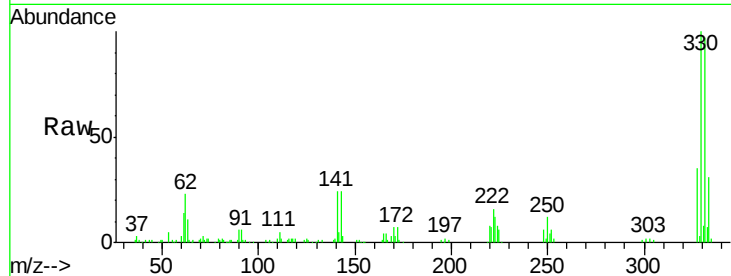
Tgt Ion:248 Resp: 6746

Ion Ratio Lower Upper

248 100

250 201.5 77.1 115.7#

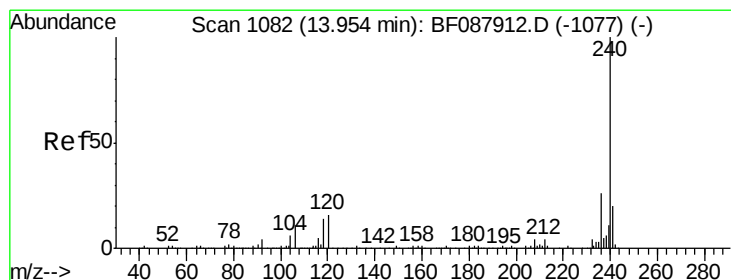
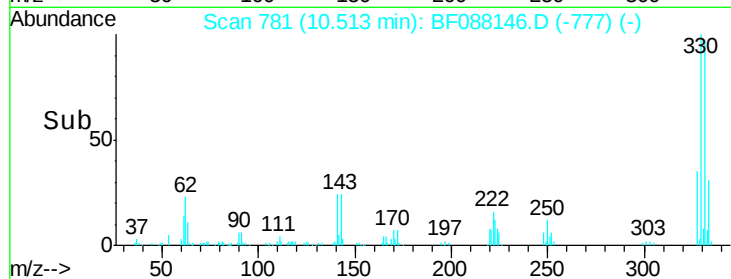
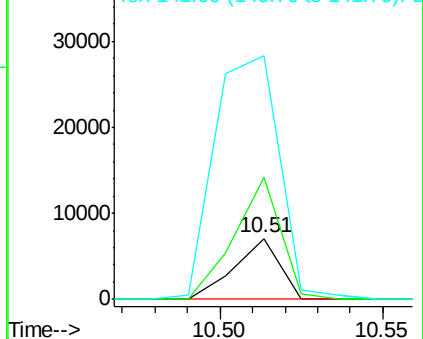
141 401.0 50.6 76.0#



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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088146.D

Acq: 18 Jun 2016 21:01

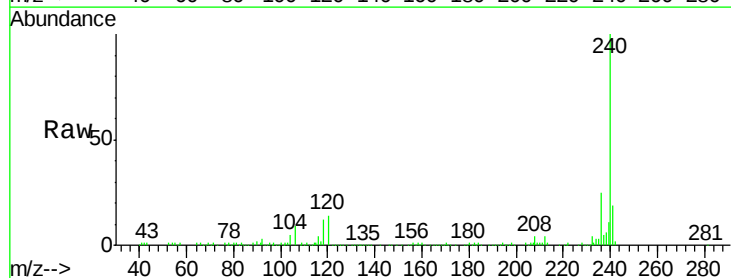
Tgt Ion:240 Resp: 177871

Ion Ratio Lower Upper

240 100

120 13.9 6.8 10.2#

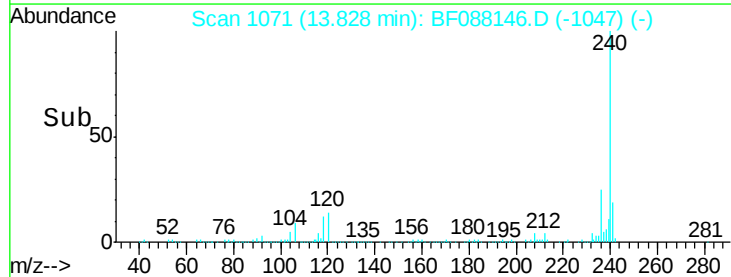
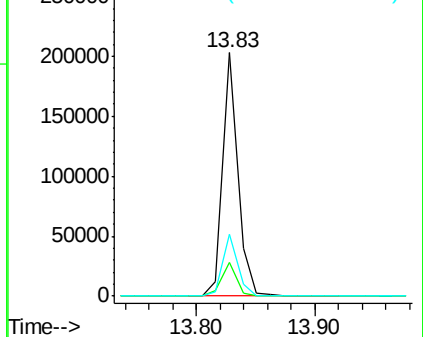
236 25.4 20.2 30.2

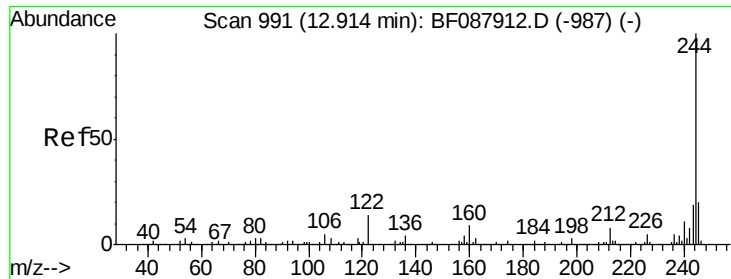


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

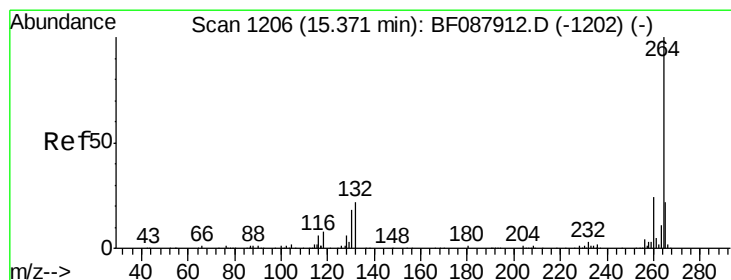
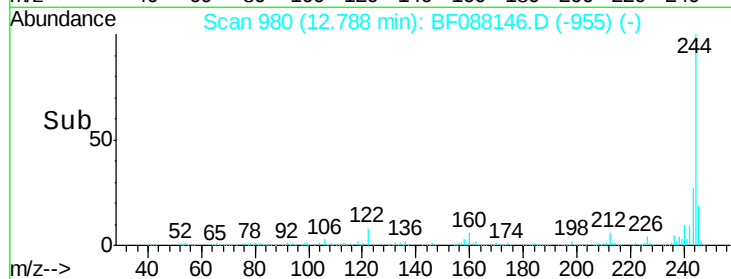
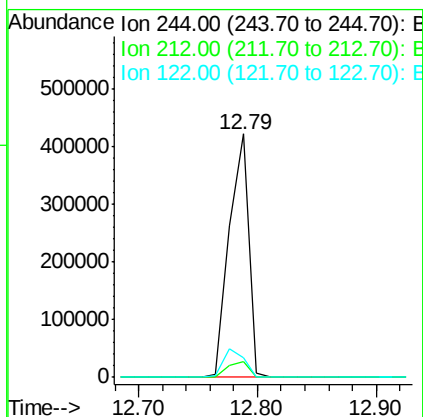
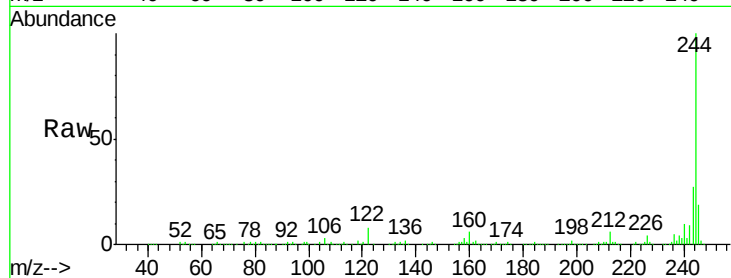




#78
 Terphenyl-d14
 Concen: 61.31 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088146.D
 Acq: 18 Jun 2016 21:01

Instrument :
 BNA_F
 ClientSampled :
 08-B5(0-8)C

Tgt Ion: 244 Resp: 479246
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 8.3 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF088146.D
 Acq: 18 Jun 2016 21:01

Tgt Ion: 264 Resp: 135175
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.2 16.9 25.3

