

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088198.D
 Acq On : 21 Jun 2016 4:38
 Operator : UM/SJ
 Sample : H3501-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB10-1-3

Quant Time: Jun 21 06:08:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

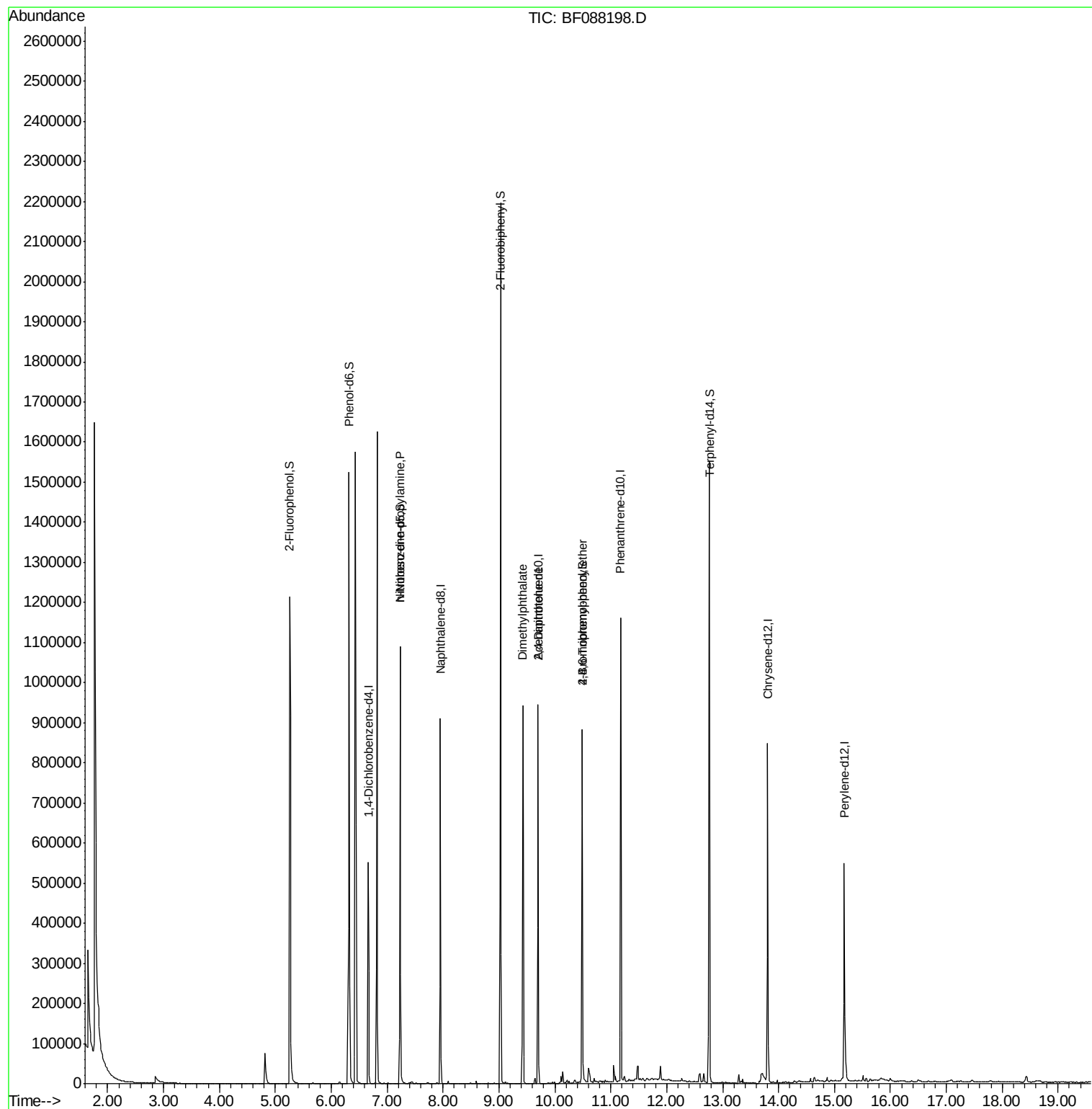
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	103055	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	442045	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	207991	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	385368	20.00	ng	0.00
75) Chrysene-d12	13.81	240	306592	20.00	ng	0.00
86) Perylene-d12	15.18	264	235107	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	524389	86.99	ng	0.00
7) Phenol-d6	6.32	99	589880	80.74	ng	-0.01
23) Nitrobenzene-d5	7.23	82	370718	48.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	152270	69.33	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	703451	50.91	ng	-0.01
78) Terphenyl-d14	12.77	244	714660	53.04	ng	0.00
Target Compounds						
10) Phenol	6.33	94	5444	Below Cal	#	20
19) n-Nitroso-di-n-propylamine	7.23	70	47507	10.16 ng	#	71
45) 1,1'-Biphenyl	9.03	154	970	Below Cal	#	1
49) Dimethylphthalate	9.43	163	355962	23.63 ng		99
56) 2,4-Dinitrotoluene	9.70	165	25822	5.82 ng	#	38
57) Fluorene	10.49	166	7552	Below Cal	#	91
66) 4-Bromophenyl-phenylether	10.49	248	9711	2.35 ng	#	1

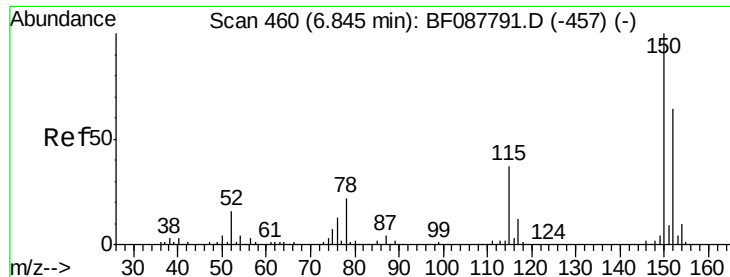
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088198.D

Acq: 21 Jun 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SB10-1-3

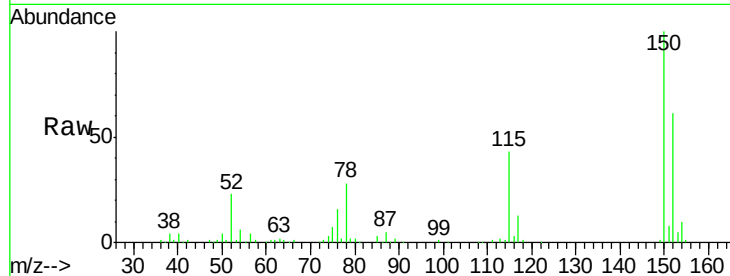
Tgt Ion:152 Resp: 103055

Ion Ratio Lower Upper

152 100

150 163.4 123.8 185.6

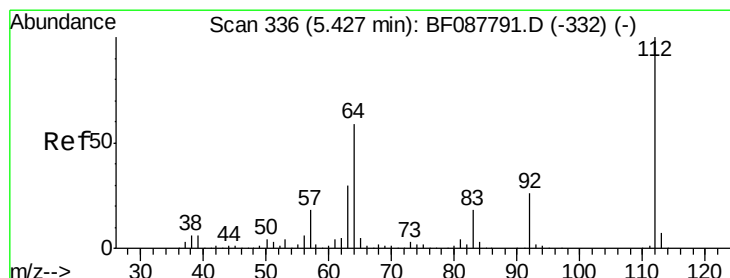
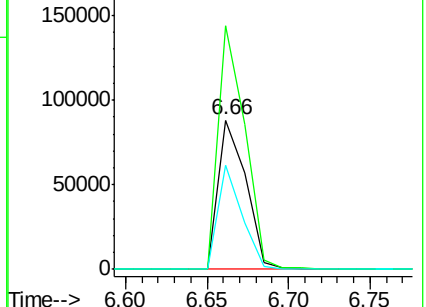
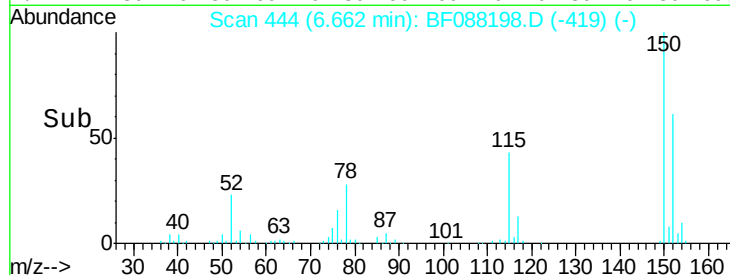
115 70.2 39.6 59.4#



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: 86.99 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF088198.D

Acq: 21 Jun 2016 4:38

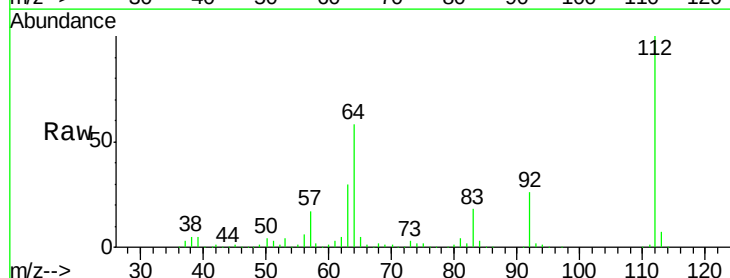
Tgt Ion:112 Resp: 524389

Ion Ratio Lower Upper

112 100

64 58.3 42.2 63.2

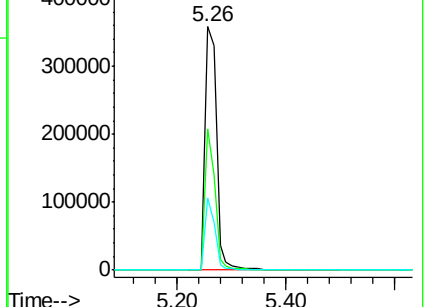
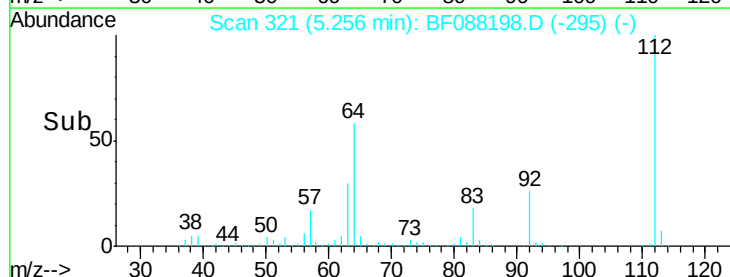
63 29.6 21.8 32.8

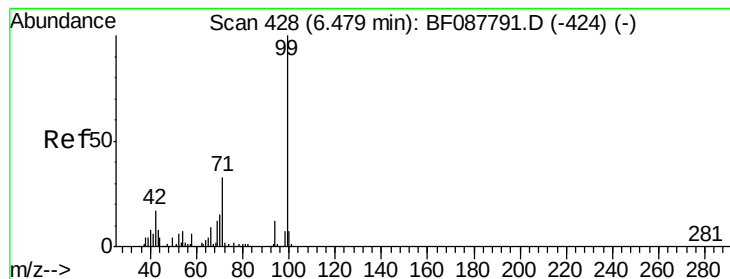


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.74 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088198.D

Acq: 21 Jun 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SB10-1-3

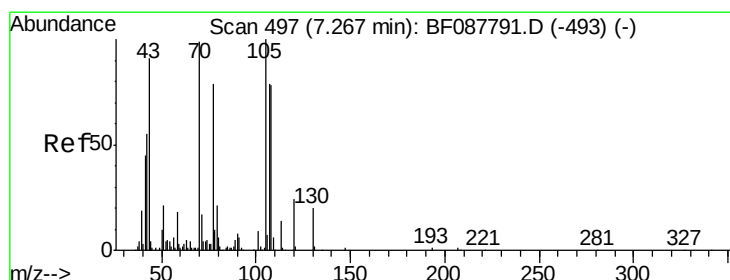
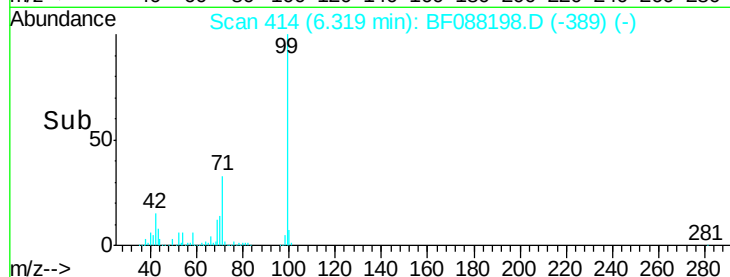
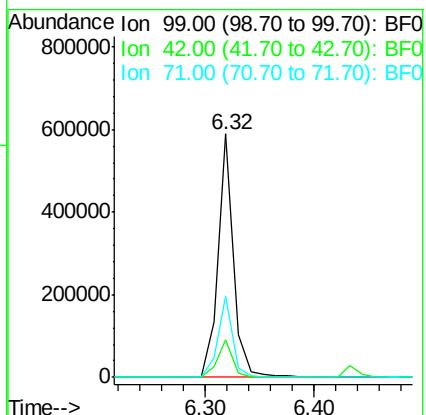
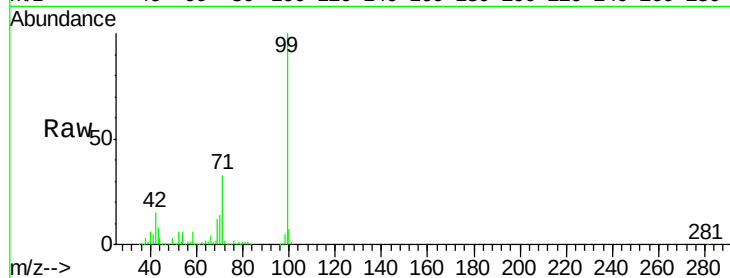
Tgt Ion: 99 Resp: 589880

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 33.3 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.16 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.14 min

Lab File: BF088198.D

Acq: 21 Jun 2016 4:38

Tgt Ion: 70 Resp: 47507

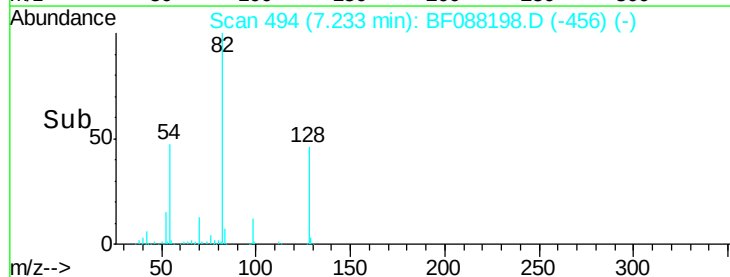
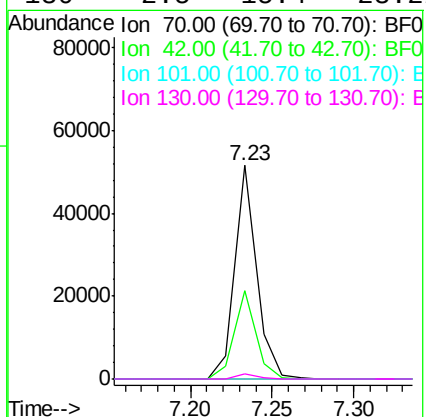
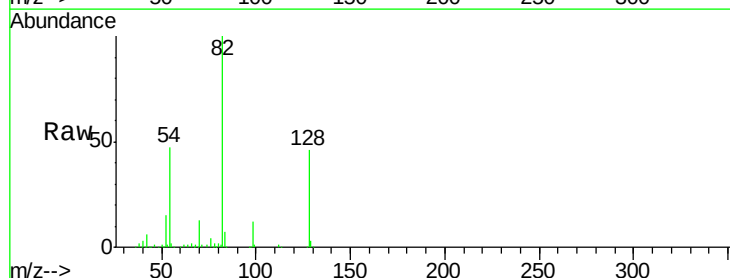
Ion Ratio Lower Upper

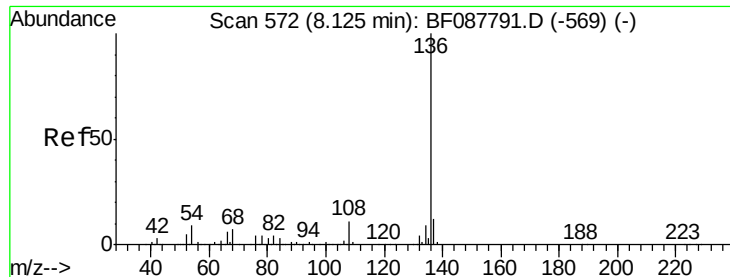
70 100

42 41.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.5 15.4 23.2#

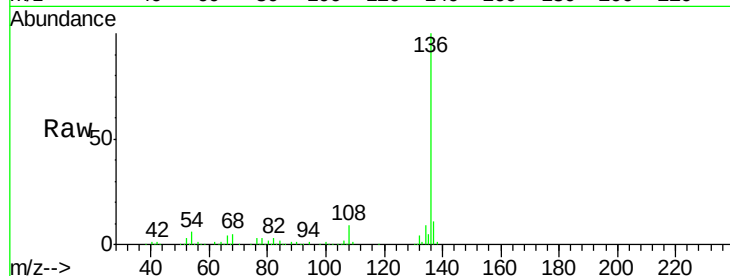




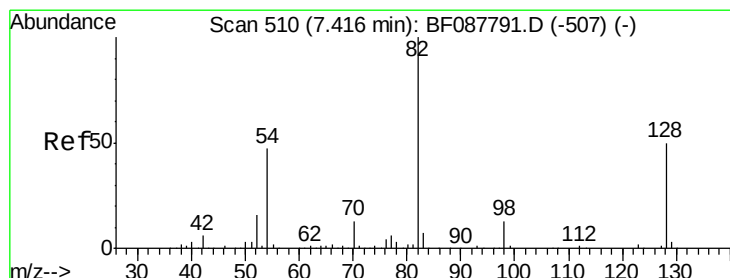
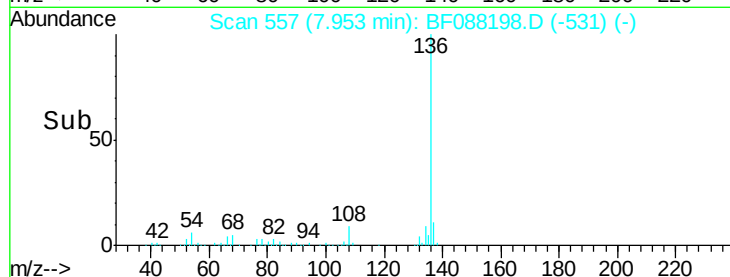
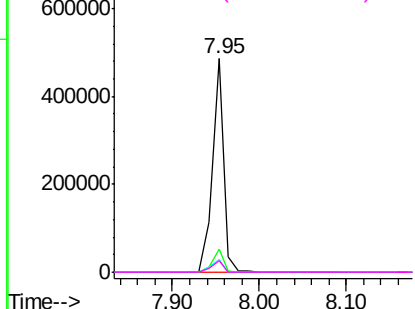
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088198.D
Acq: 21 Jun 2016 4:38

Instrument :
BNA_F
ClientSampleId :
SB10-1-3

Tgt Ion:	136	Resp:	442045
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.8	6.6	10.0#
68	5.2	5.1	7.7

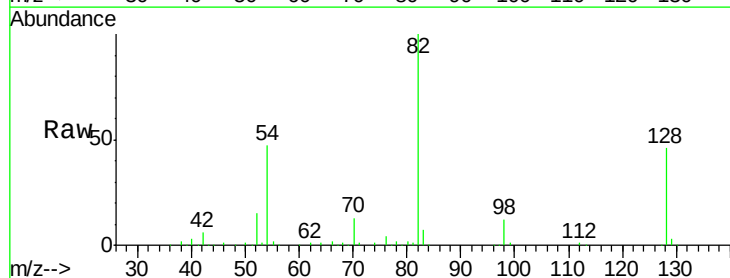


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

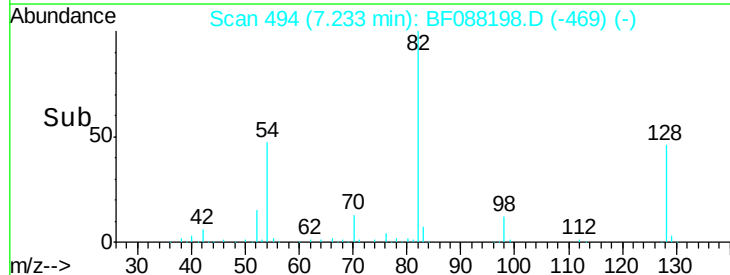
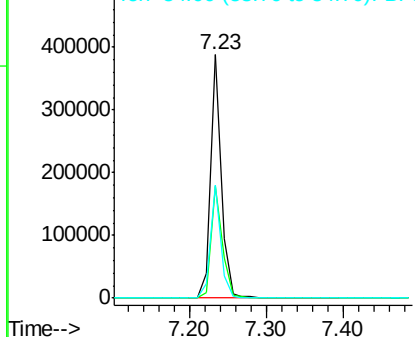


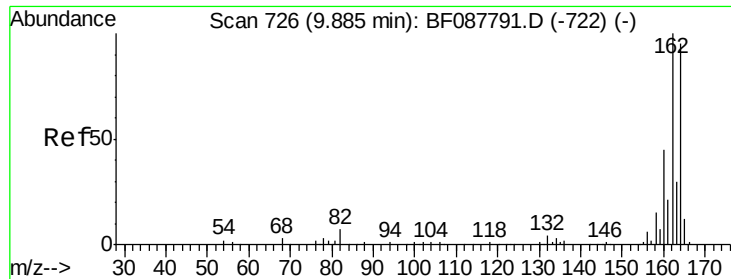
#23
Nitrobenzene-d5
Concen: 48.97 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088198.D
Acq: 21 Jun 2016 4:38

Tgt Ion:	82	Resp:	370718
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.9	53.9
54	46.5	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: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088198.D

Acq: 21 Jun 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SB10-1-3

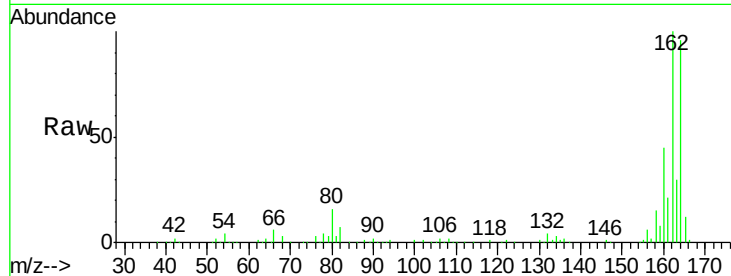
Tgt Ion:164 Resp: 207991

Ion Ratio Lower Upper

164 100

162 104.6 85.4 128.2

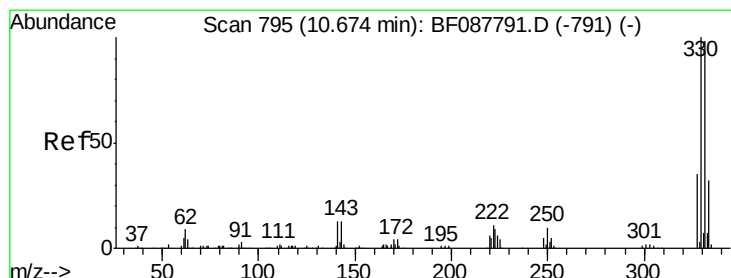
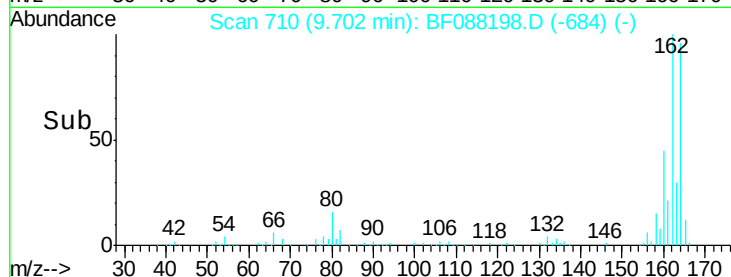
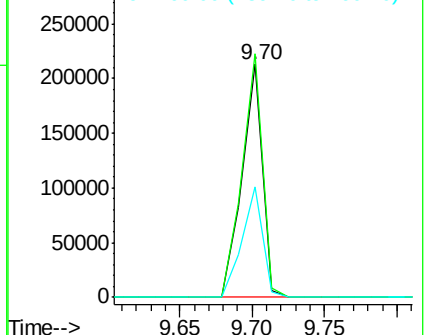
160 47.4 39.5 59.3



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: 69.33 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF088198.D

Acq: 21 Jun 2016 4:38

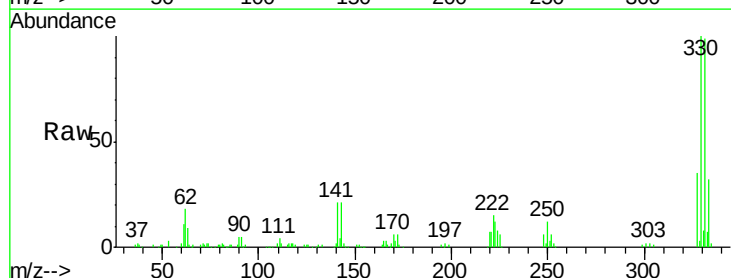
Tgt Ion:330 Resp: 152270

Ion Ratio Lower Upper

330 100

332 97.6 0.0 0.0#

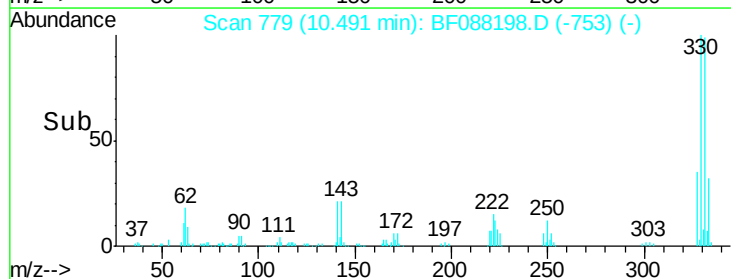
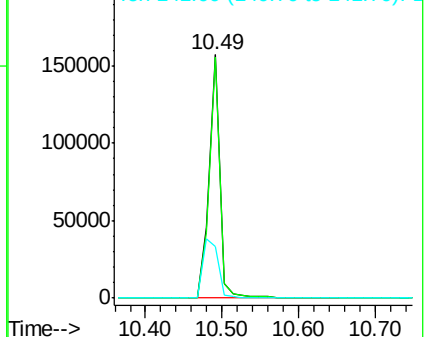
141 34.7 0.0 0.0#

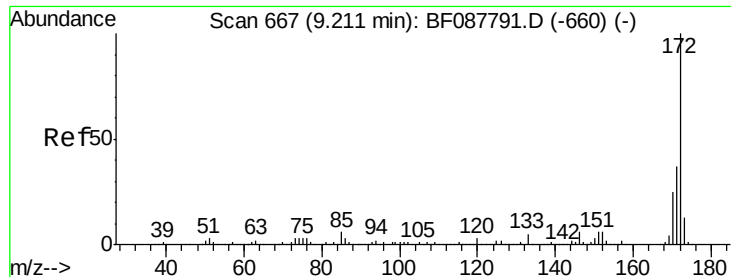


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

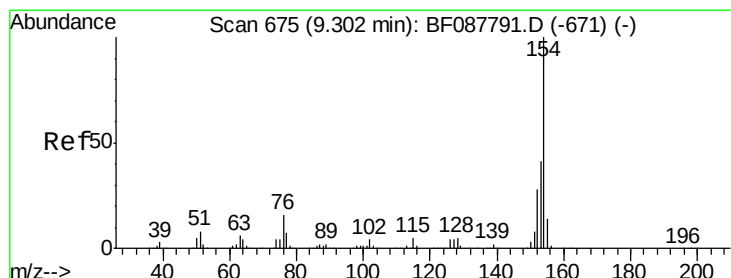
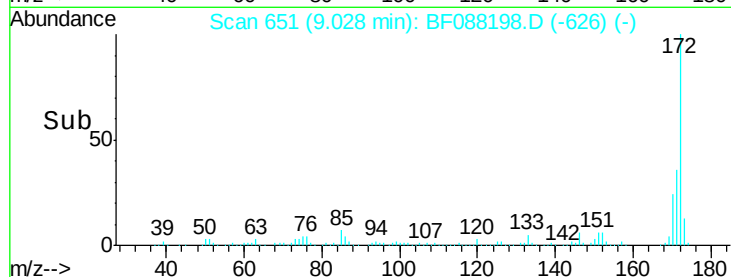
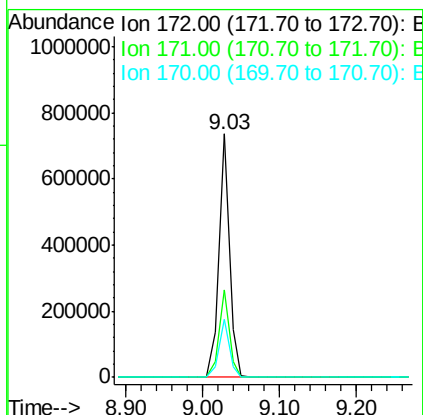
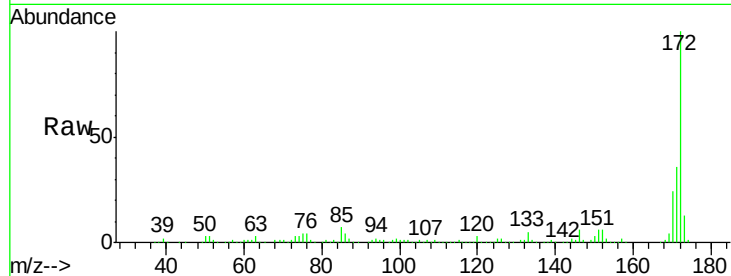




#44
 2-Fluorobiphenyl
 Concen: 50.91 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088198.D
 Acq: 21 Jun 2016 4:38

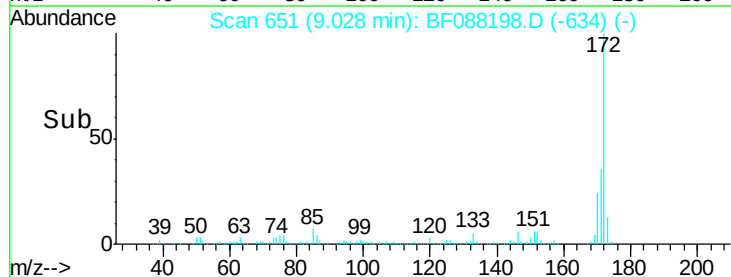
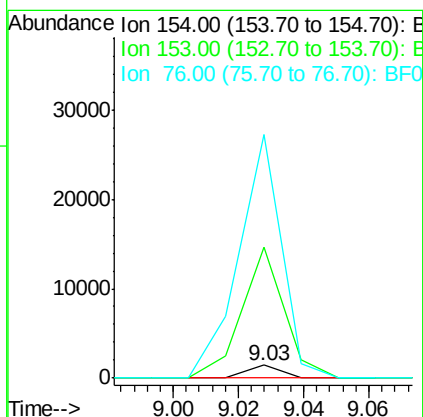
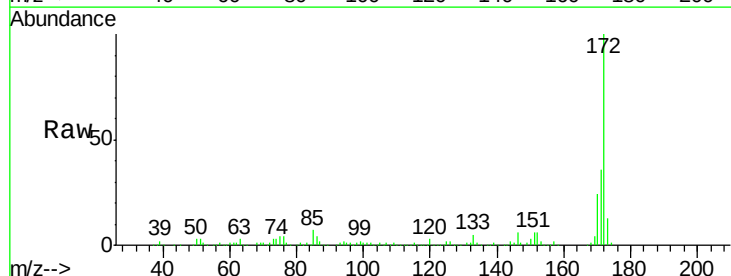
Instrument :
 BNA_F
 ClientSampled :
 SB10-1-3

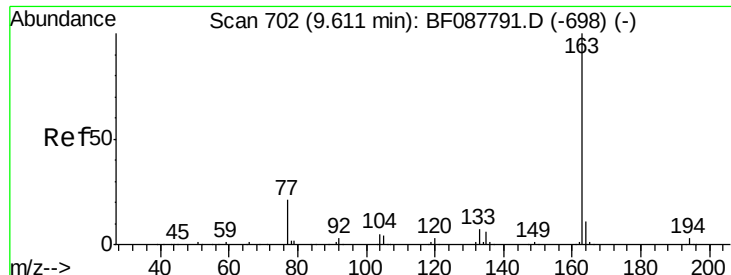
Tgt Ion:172 Resp: 703451
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.1 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.03 min Scan# 651
 Delta R.T. -0.10 min
 Lab File: BF088198.D
 Acq: 21 Jun 2016 4:38

Tgt Ion:154 Resp: 970
 Ion Ratio Lower Upper
 154 100
 153 1035.0 20.6 60.6#
 76 1926.4 0.0 35.1#





#49

Dimethylphthalate

Concen: 23.63 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088198.D

Acq: 21 Jun 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SB10-1-3

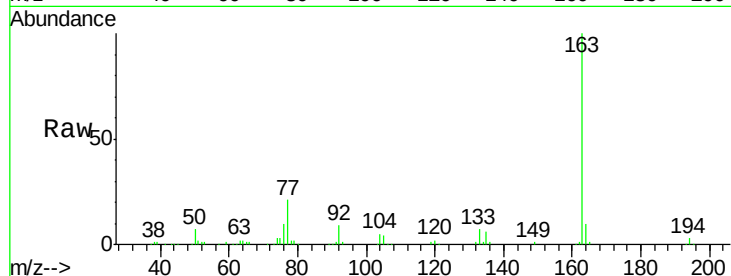
Tgt Ion:163 Resp: 355962

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

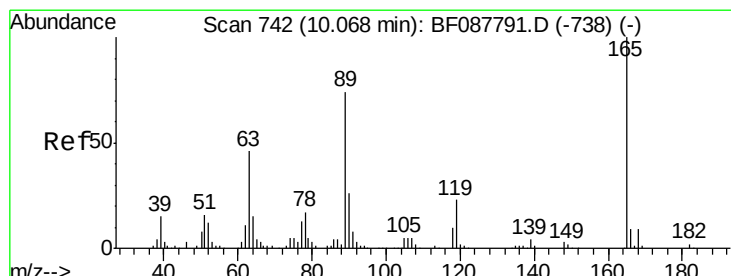
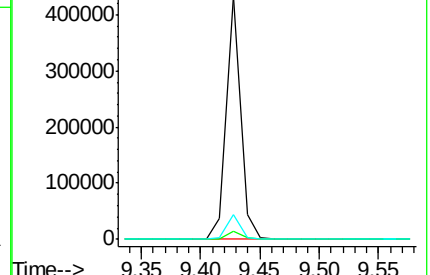
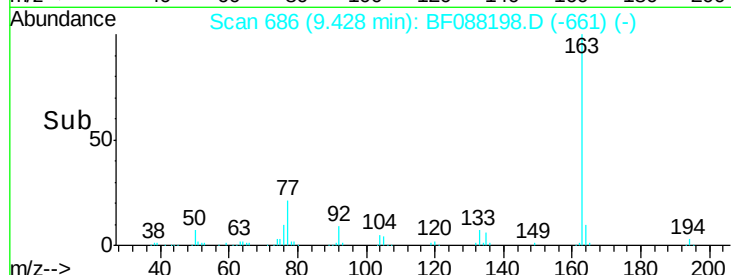
164 10.3 8.3 12.5



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: 5.82 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.21 min

Lab File: BF088198.D

Acq: 21 Jun 2016 4:38

Tgt Ion:165 Resp: 25822

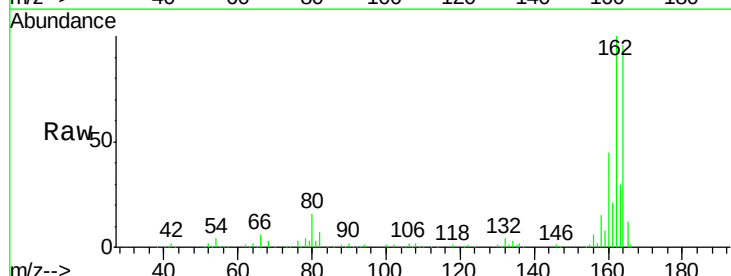
Ion Ratio Lower Upper

165 100

63 1.2 22.0 33.0#

89 1.4 41.1 61.7#

182 0.0 2.0 3.0#

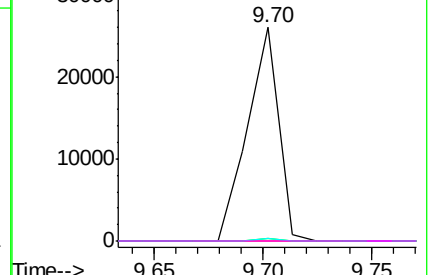
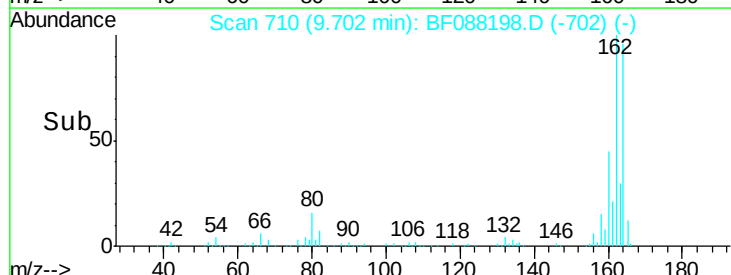


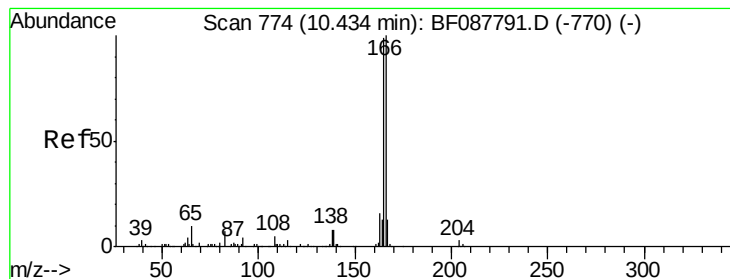
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.49 min Scan# 779

Delta R.T. 0.24 min

Lab File: BF088198.D

Acq: 21 Jun 2016 4:38

Instrument :

BNA_F

ClientSampleId :

SB10-1-3

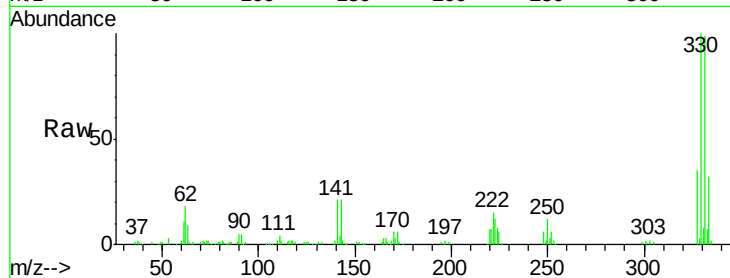
Tgt Ion:166 Resp: 7552

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.8

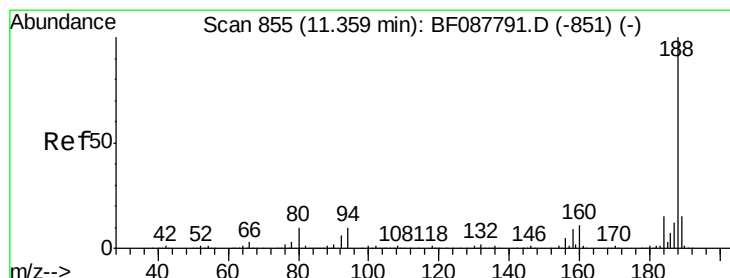
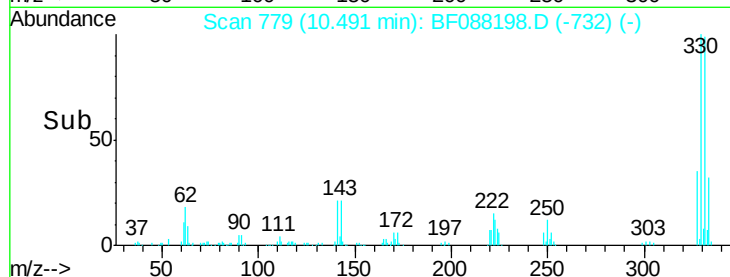
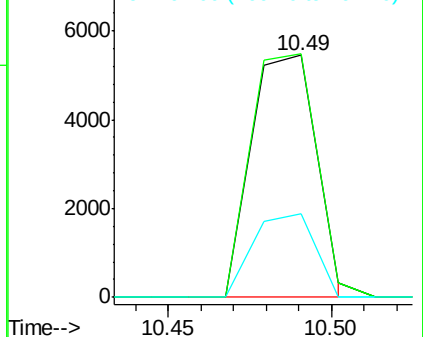
167 34.5 11.2 16.8#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088198.D

Acq: 21 Jun 2016 4:38

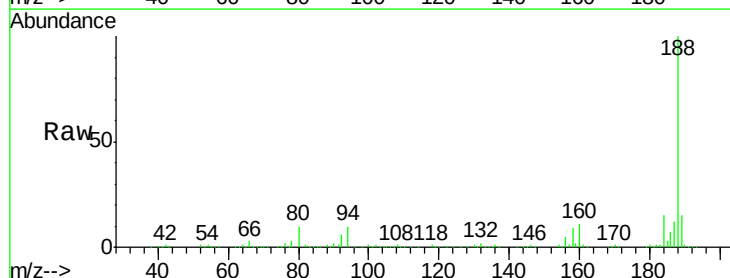
Tgt Ion:188 Resp: 385368

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.6

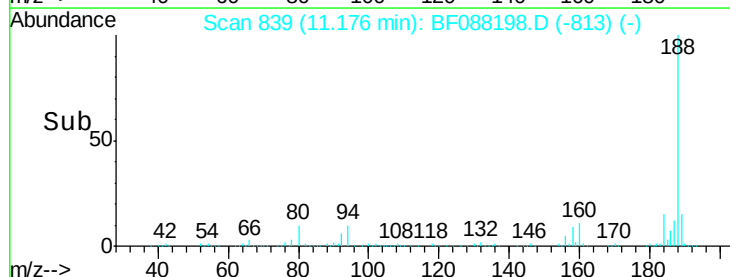
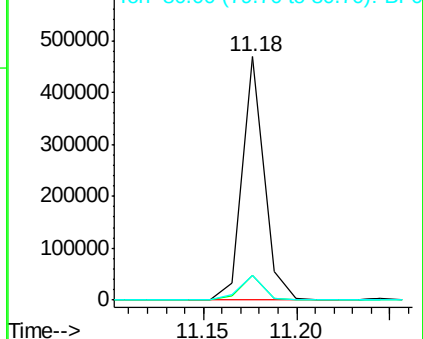
80 10.3 10.0 15.0

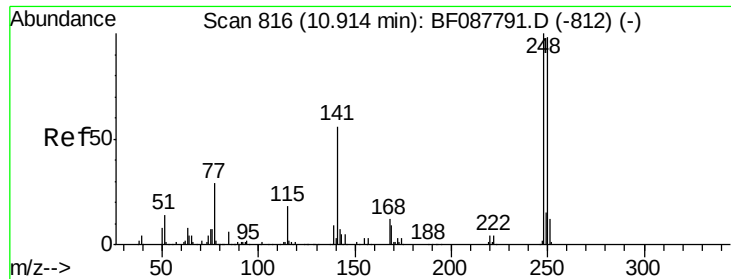


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

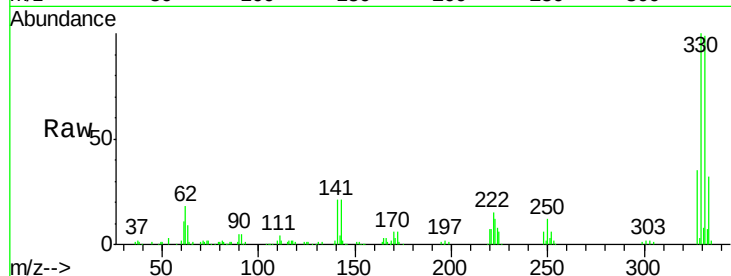




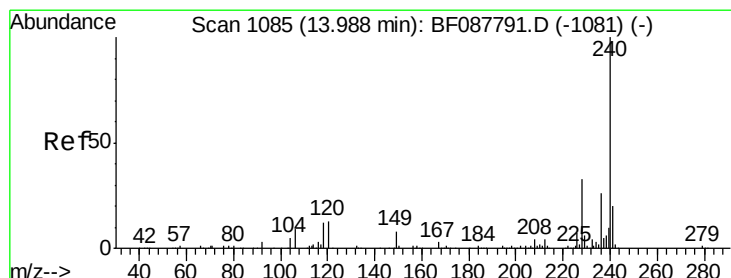
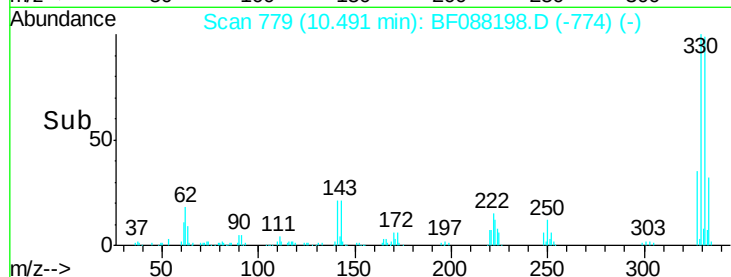
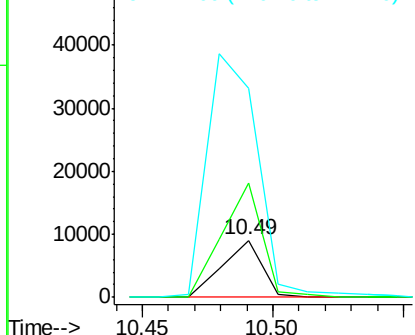
#66
4-Bromophenyl-phenylether
Concen: 2.35 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088198.D
Acq: 21 Jun 2016 4:38

Instrument :
BNA_F
ClientSampled :
SB10-1-3

Tgt Ion: 248 Resp: 9711
Ion Ratio Lower Upper
248 100
250 199.9 77.1 115.7#
141 365.2 50.6 76.0#

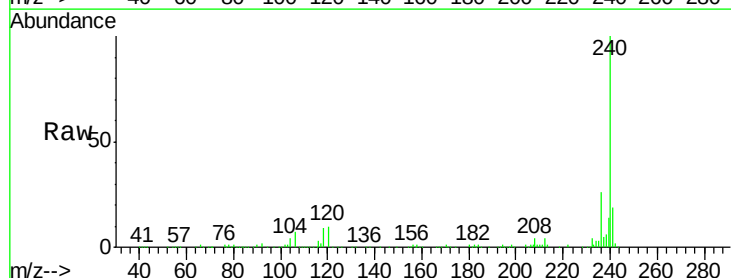


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

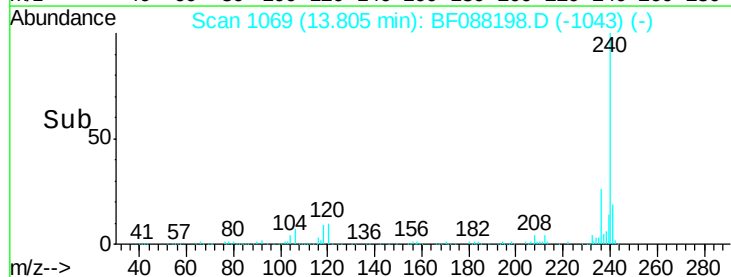
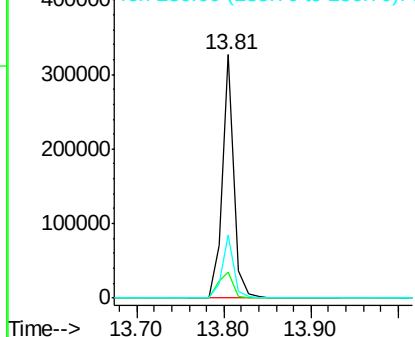


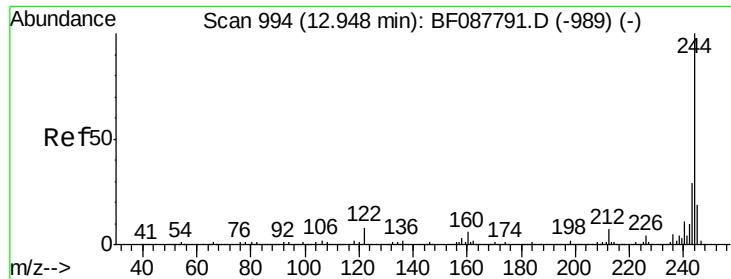
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088198.D
Acq: 21 Jun 2016 4:38

Tgt Ion: 240 Resp: 306592
Ion Ratio Lower Upper
240 100
120 10.5 6.8 10.2#
236 25.7 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

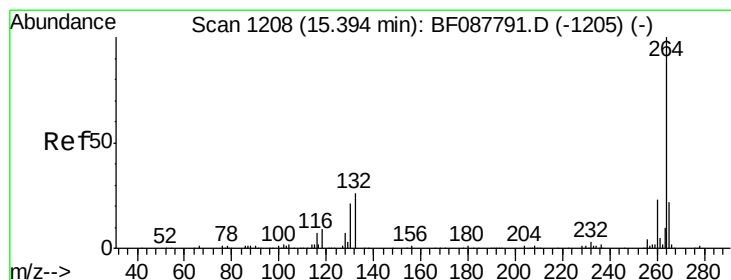
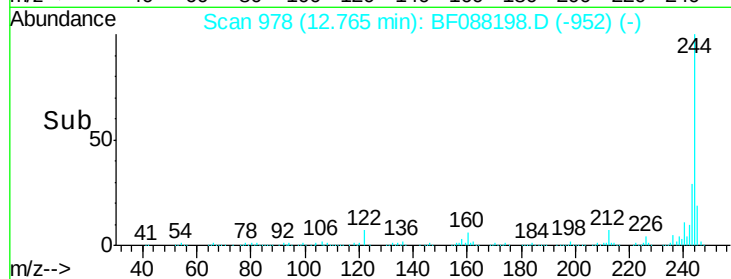
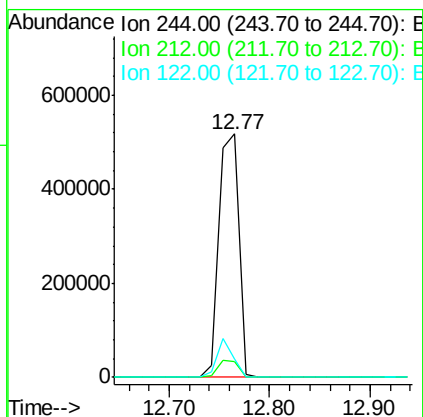
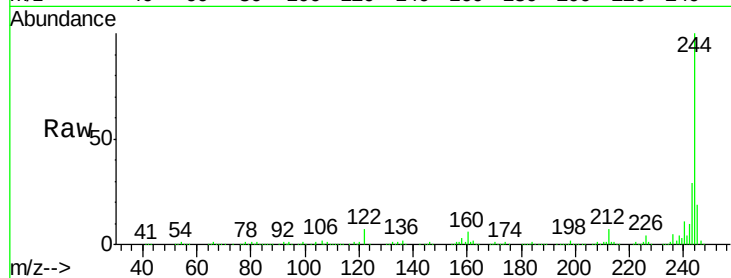




#78
 Terphenyl-d14
 Concen: 53.04 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088198.D
 Acq: 21 Jun 2016 4:38

Instrument :
 BNA_F
 ClientSampleId :
 SB10-1-3

Tgt Ion:244 Resp: 714660
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 7.3 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088198.D
 Acq: 21 Jun 2016 4:38

Tgt Ion:264 Resp: 235107
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.5 16.9 25.3

