

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088067.D
 Acq On : 16 Jun 2016 7:22
 Operator : UM/SJ
 Sample : H3570-17
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Quant Time: Jun 16 07:58:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 03:20:46 2016
 Response via : Initial Calibration

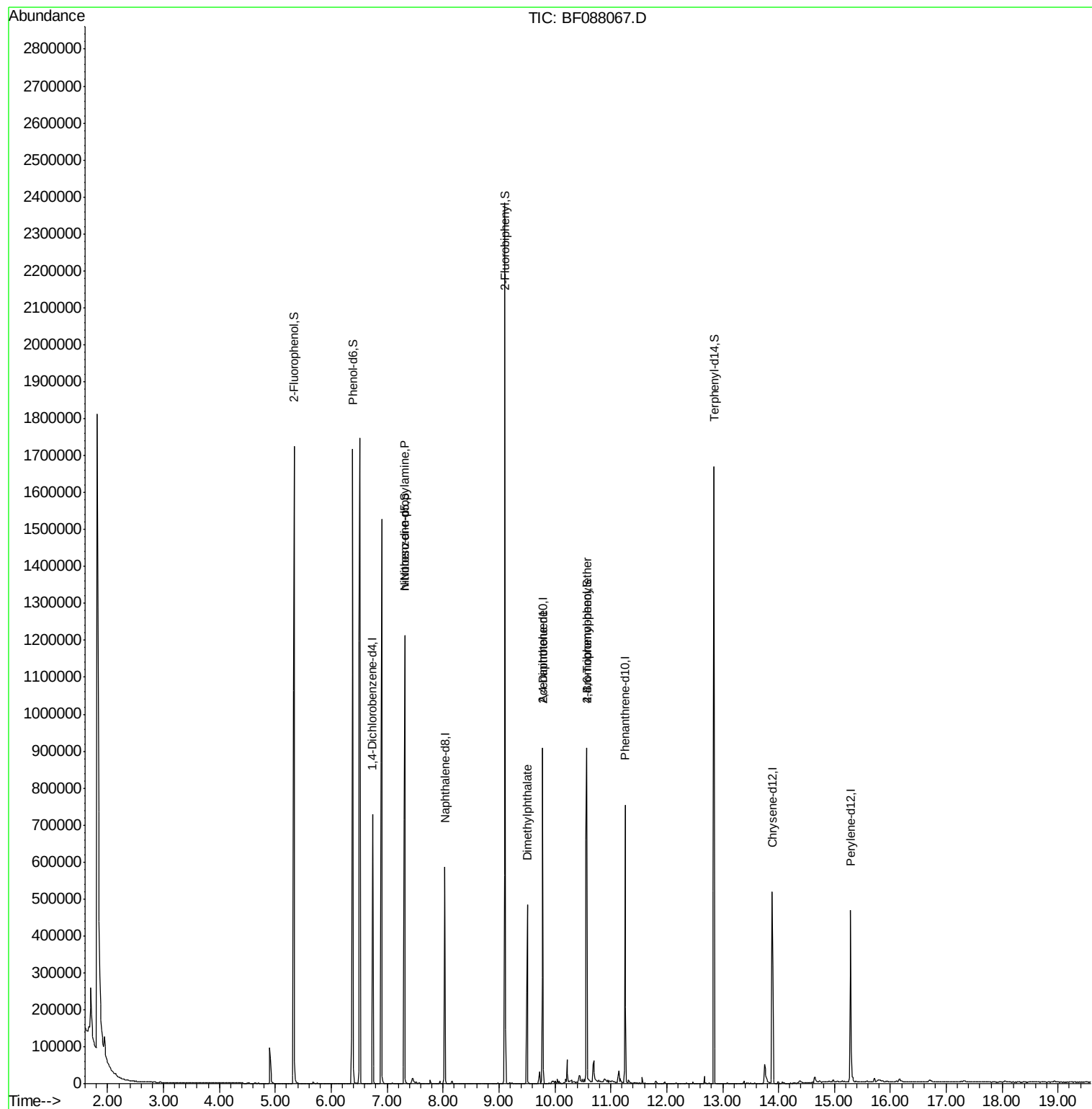
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	108564	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	404978	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	183939	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	276173	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	218211	20.00	ng	-0.01
86) Perylene-d12	15.29	264	218367	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	622963	98.10	ng	0.01
7) Phenol-d6	6.39	99	802626	104.29	ng	0.00
23) Nitrobenzene-d5	7.31	82	487115	70.24	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	146489	75.42	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	728433	60.62	ng	-0.01
78) Terphenyl-d14	12.85	244	519260	54.15	ng	0.00
Target Compounds						
10) Phenol	6.40	94	6408	Below Cal		Qvalue 98
19) n-Nitroso-di-n-propylamine	7.31	70	61765	12.54 ng	#	68
45) 1,1'-Biphenyl	9.11	154	1405	Below Cal	#	1
49) Dimethylphthalate	9.51	163	251487	18.87 ng		99
56) 2,4-Dinitrotoluene	9.78	165	23362	5.96 ng	#	37
57) Fluorene	10.57	166	7597	Below Cal	#	91
66) 4-Bromophenyl-phenylether	10.57	248	9604	3.24 ng	#	1

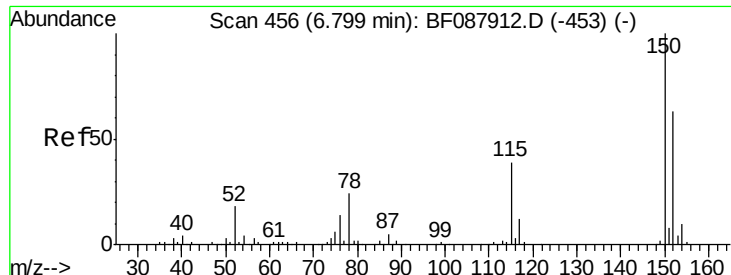
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088067.D

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SB-19-COMP

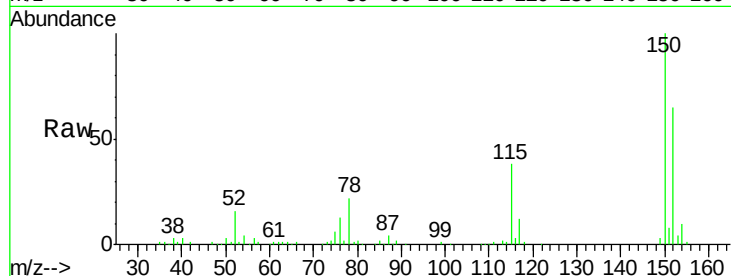
Tgt Ion:152 Resp: 108564

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

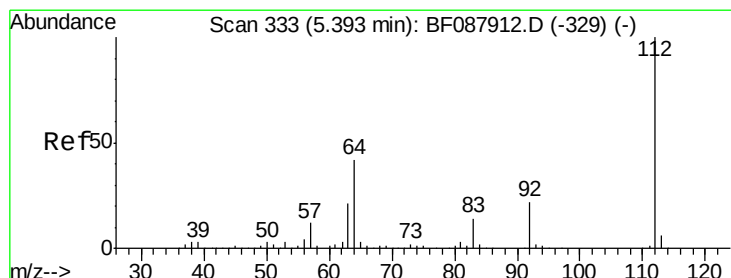
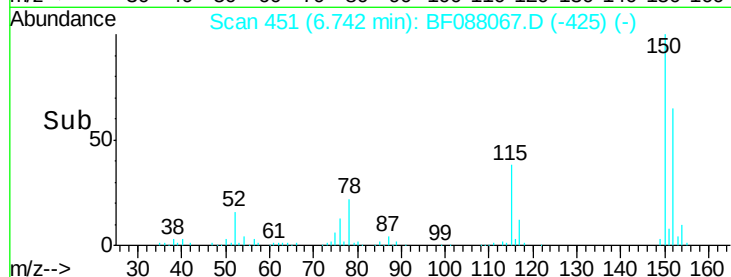
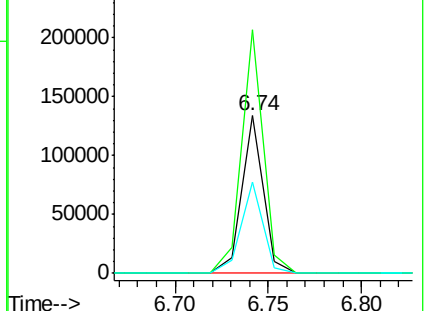
115 58.4 39.6 59.4



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: 98.10 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088067.D

Acq: 16 Jun 2016 7:22

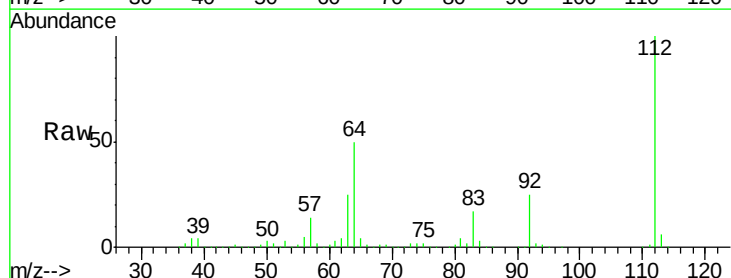
Tgt Ion:112 Resp: 622963

Ion Ratio Lower Upper

112 100

64 49.7 42.2 63.2

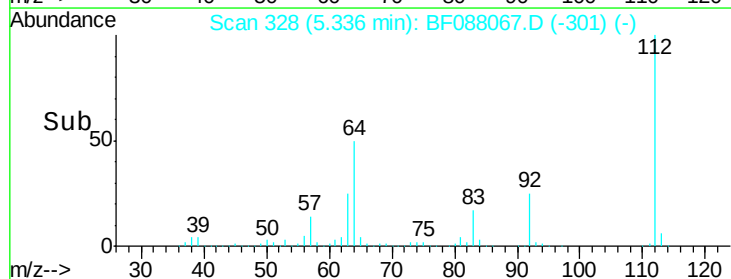
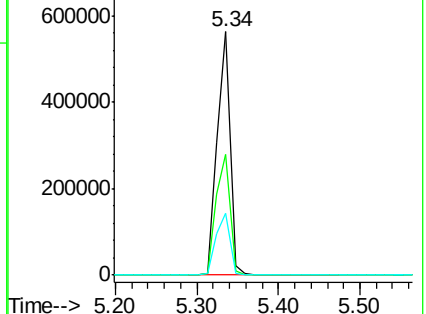
63 25.5 21.8 32.8

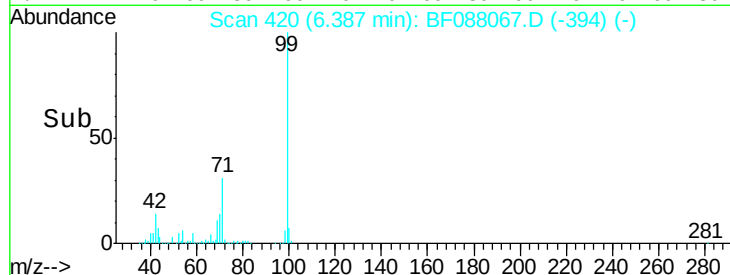
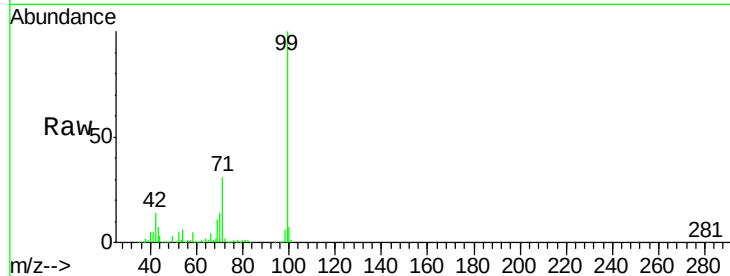
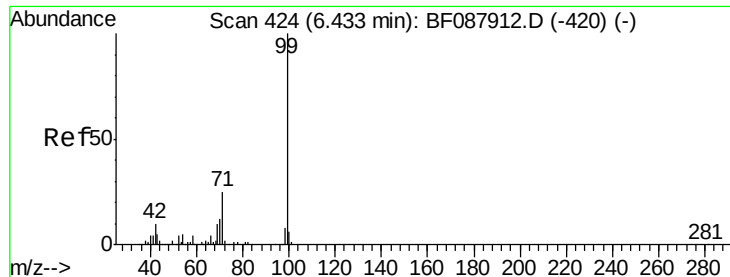


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.29 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088067.D

Acq: 16 Jun 2016 7:22

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

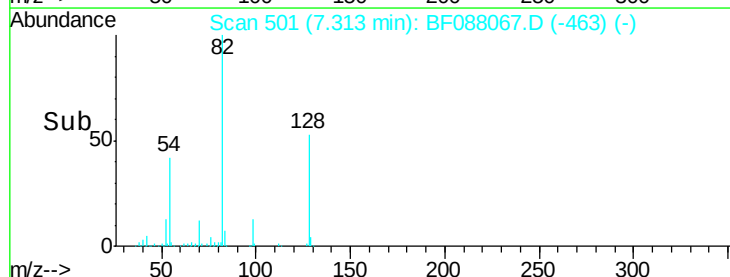
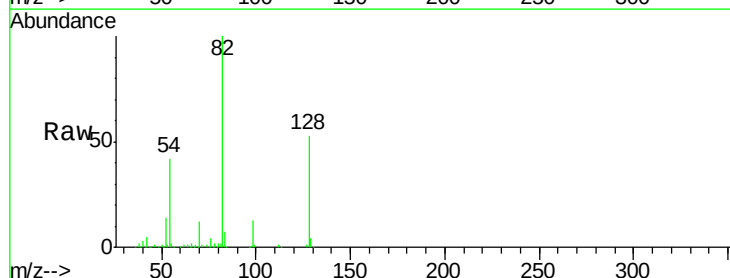
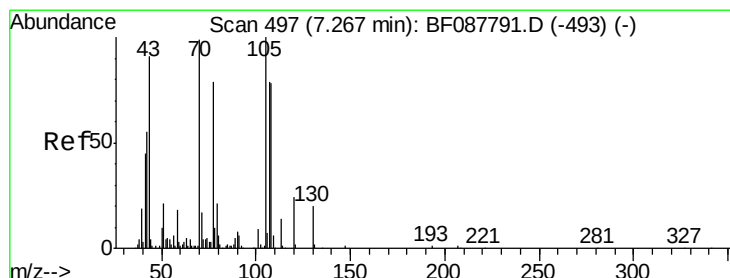
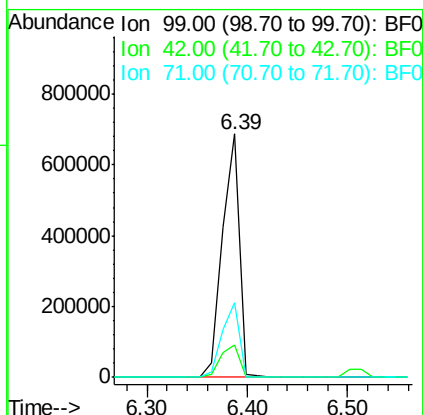
Tgt Ion: 99 Resp: 802626

Ion Ratio Lower Upper

99 100

42 13.5 12.2 18.2

71 30.9 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.54 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.14 min

Lab File: BF088067.D

Acq: 16 Jun 2016 7:22

Tgt Ion: 70 Resp: 61765

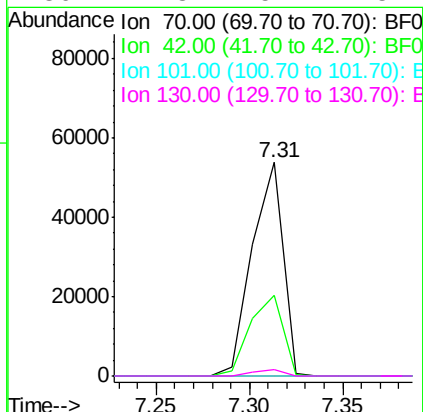
Ion Ratio Lower Upper

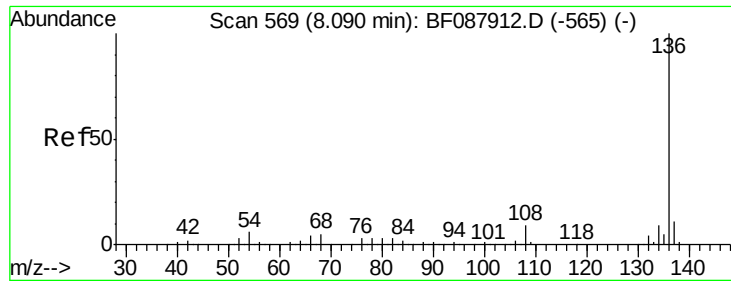
70 100

42 37.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.8 15.4 23.2#

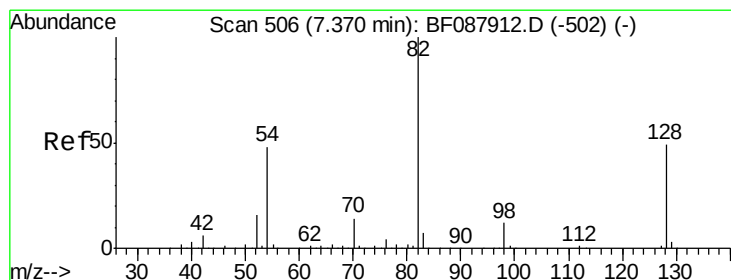
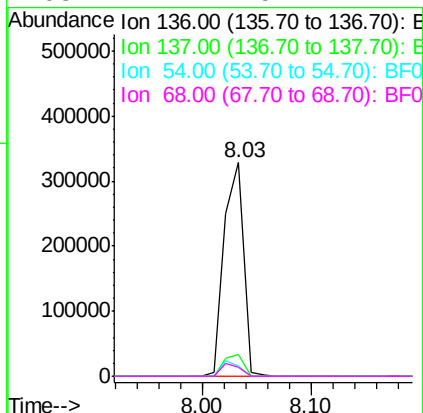
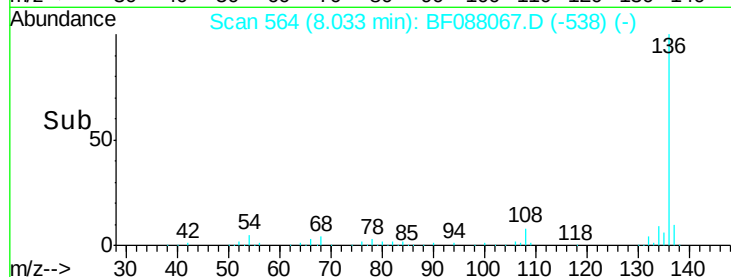
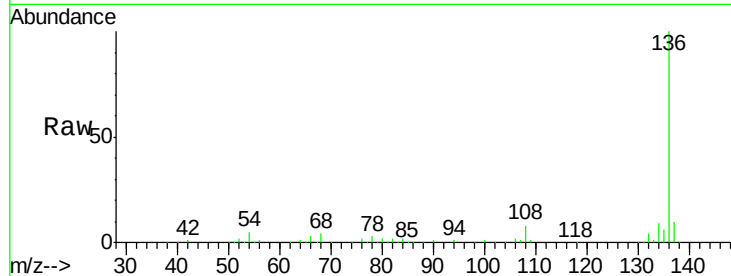




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088067.D
Acq: 16 Jun 2016 7:22

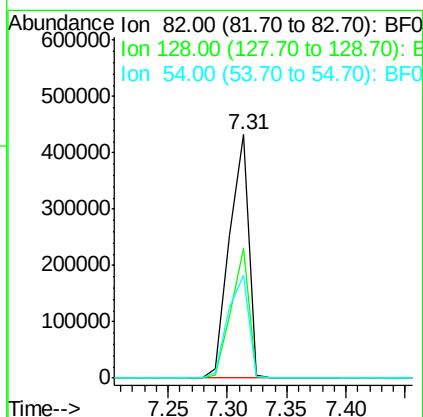
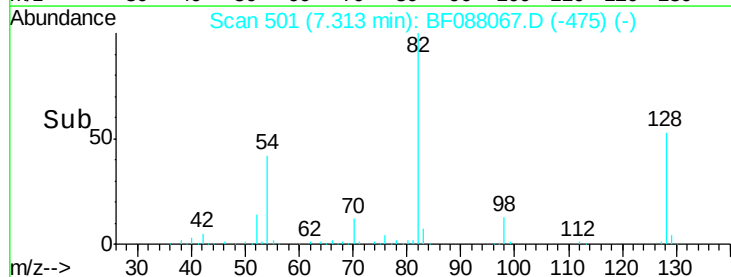
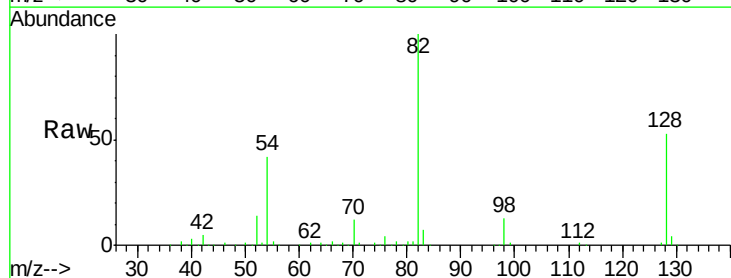
Instrument :
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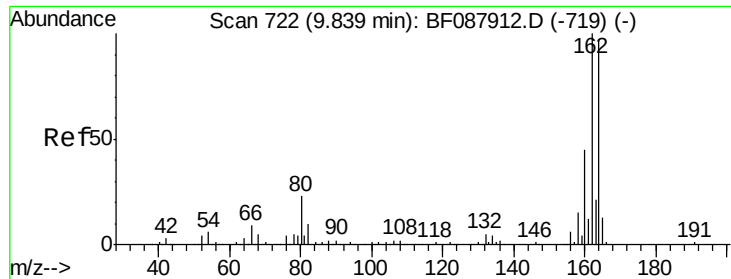
Tgt Ion:	136	Resp:	404978
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	4.6	6.6	10.0#
68	4.4	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 70.24 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF088067.D
Acq: 16 Jun 2016 7:22

Tgt Ion:	82	Resp:	487115
Ion	Ratio	Lower	Upper
82	100		
128	53.2	35.9	53.9
54	42.3	40.9	61.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088067.D

Acq: 16 Jun 2016 7:22

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

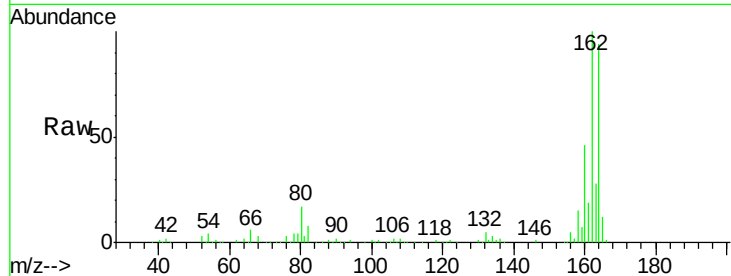
Tgt Ion:164 Resp: 183939

Ion Ratio Lower Upper

164 100

162 105.9 85.4 128.2

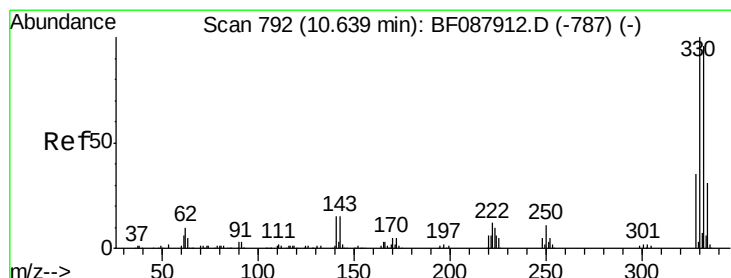
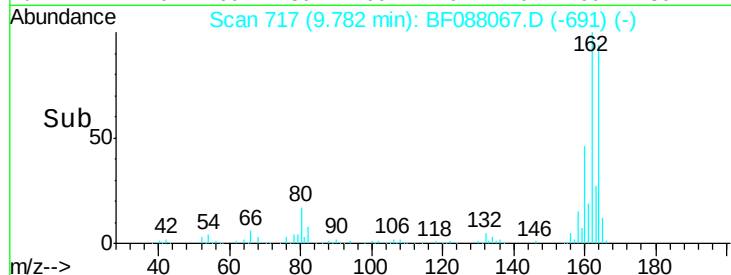
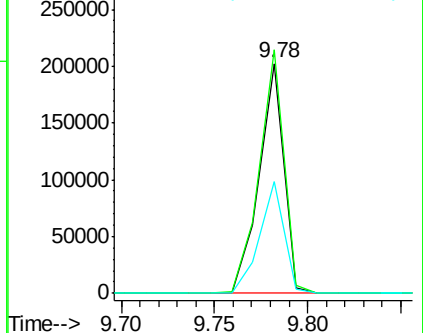
160 48.7 39.5 59.3



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: 75.42 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF088067.D

Acq: 16 Jun 2016 7:22

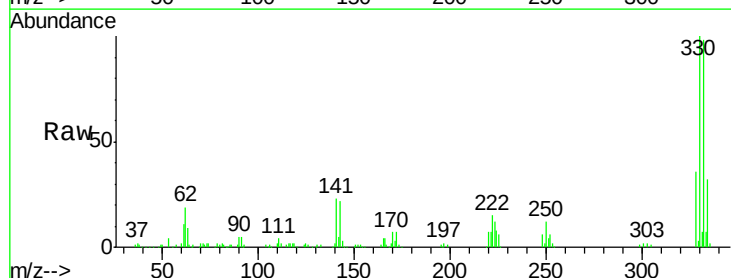
Tgt Ion:330 Resp: 146489

Ion Ratio Lower Upper

330 100

332 98.0 0.0 0.0#

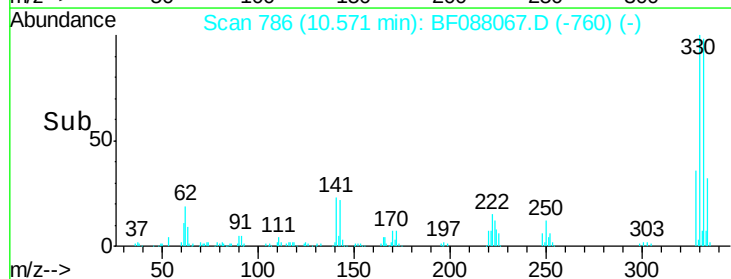
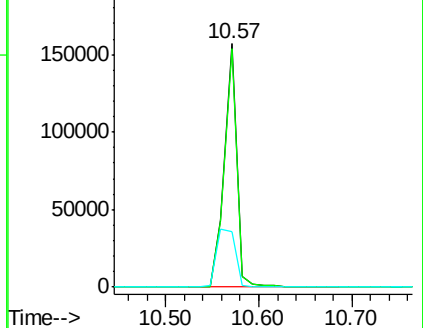
141 35.8 0.0 0.0#

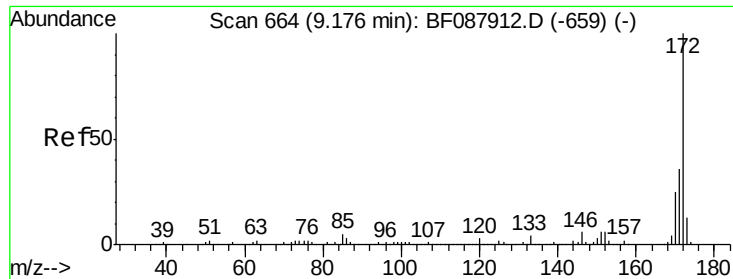


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

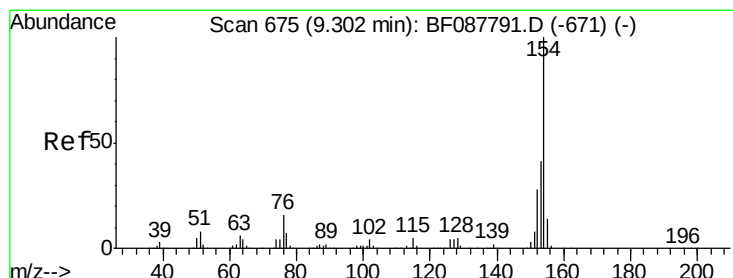
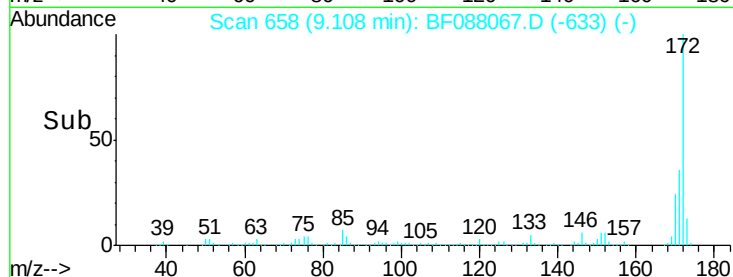
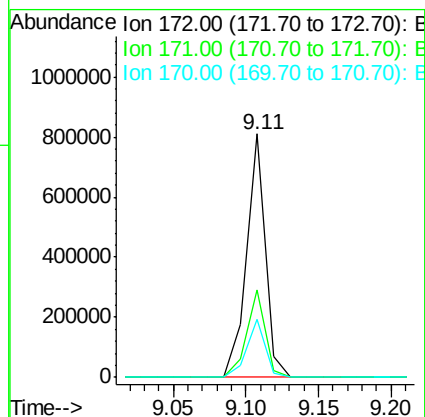
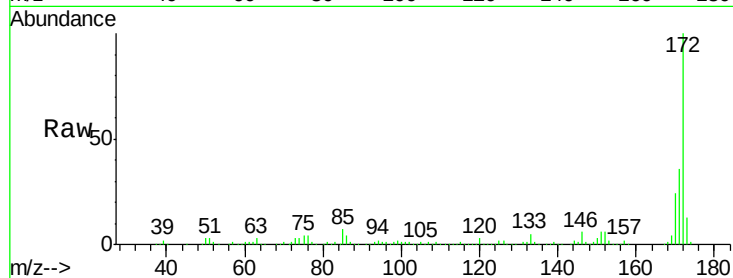




#44
2-Fluorobiphenyl
Concen: 60.62 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF088067.D
Acq: 16 Jun 2016 7:22

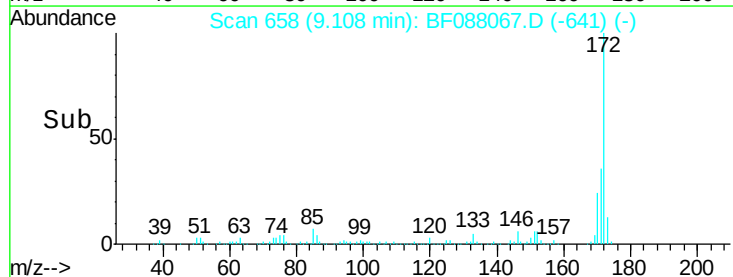
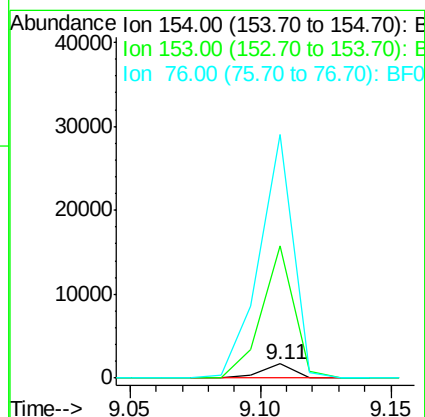
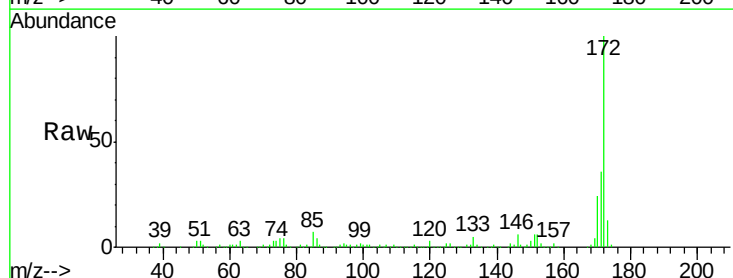
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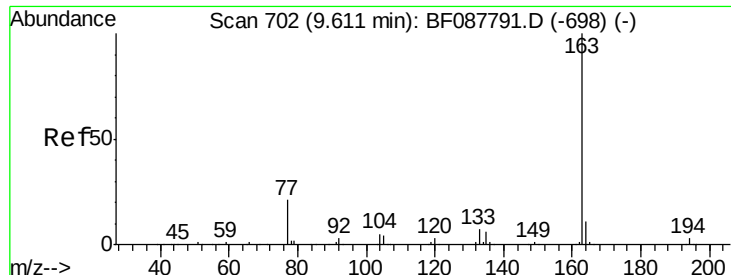
Tgt Ion:172 Resp: 728433
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.0 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.11 min Scan# 658
Delta R.T. -0.10 min
Lab File: BF088067.D
Acq: 16 Jun 2016 7:22

Tgt Ion:154 Resp: 1405
Ion Ratio Lower Upper
154 100
153 931.1 20.6 60.6#
76 1720.0 0.0 35.1#





#49

Dimethylphthalate

Concen: 18.87 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088067.D

Acq: 16 Jun 2016 7:22

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

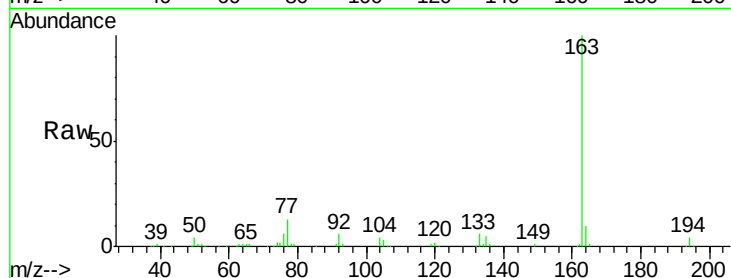
Tgt Ion:163 Resp: 251487

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

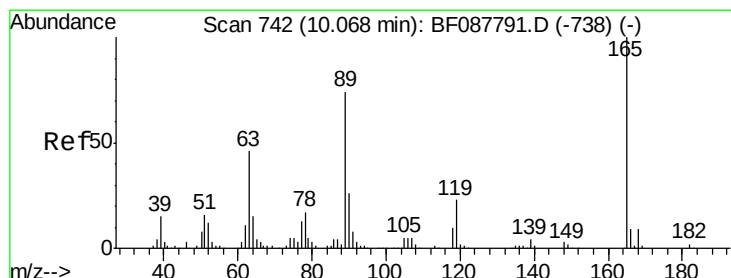
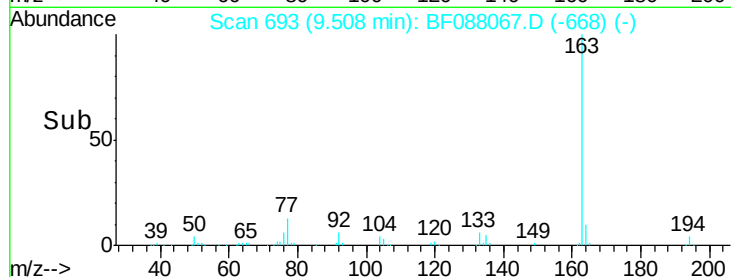
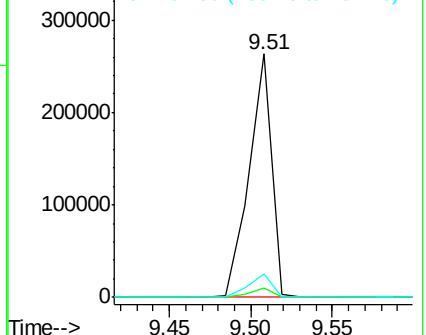
164 9.8 8.3 12.5



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: 5.96 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.21 min

Lab File: BF088067.D

Acq: 16 Jun 2016 7:22

Tgt Ion:165 Resp: 23362

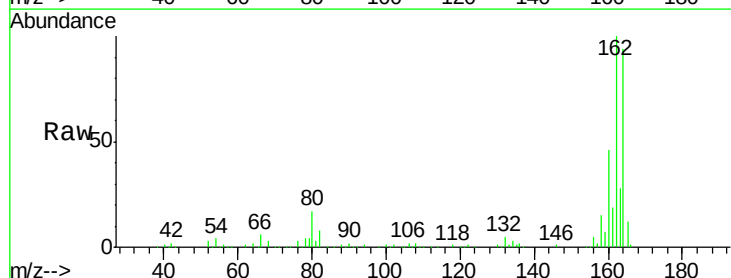
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

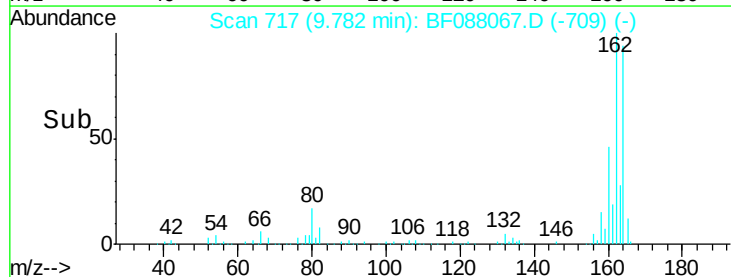
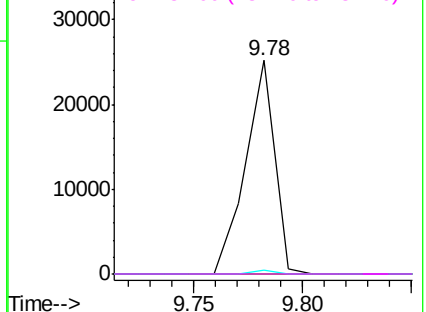


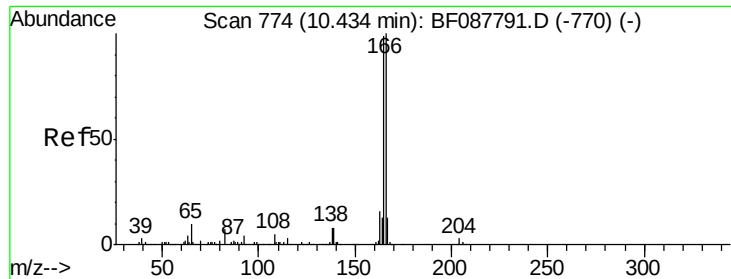
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.57 min Scan# 786

Delta R.T. 0.24 min

Lab File: BF088067.D

Acq: 16 Jun 2016 7:22

Instrument :

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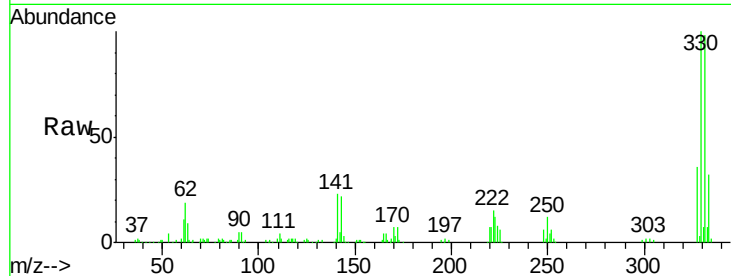
Tgt Ion:166 Resp: 7597

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

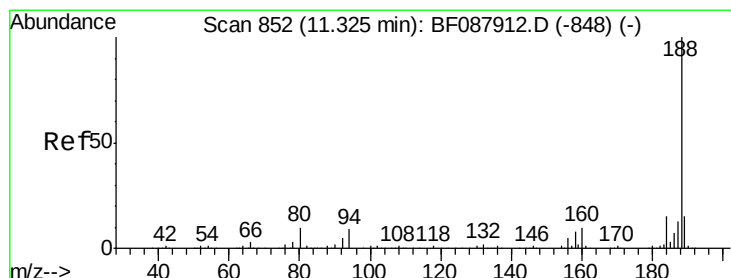
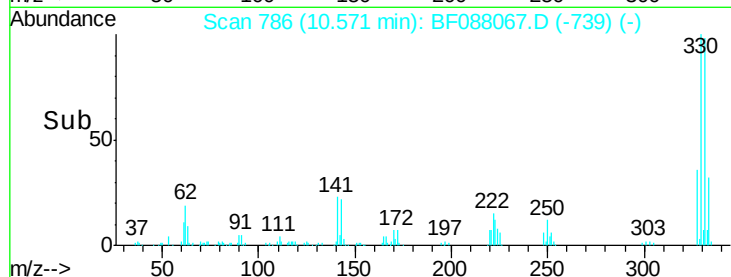
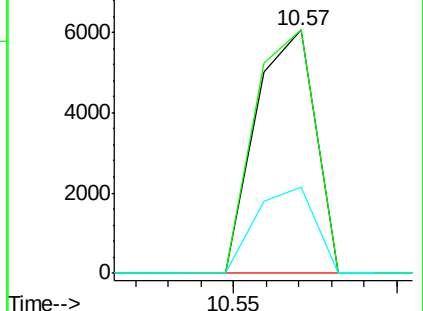
167 35.4 11.2 16.8#



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: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF088067.D

Acq: 16 Jun 2016 7:22

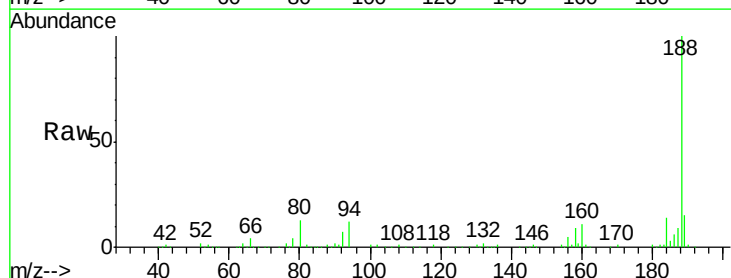
Tgt Ion:188 Resp: 276173

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.6

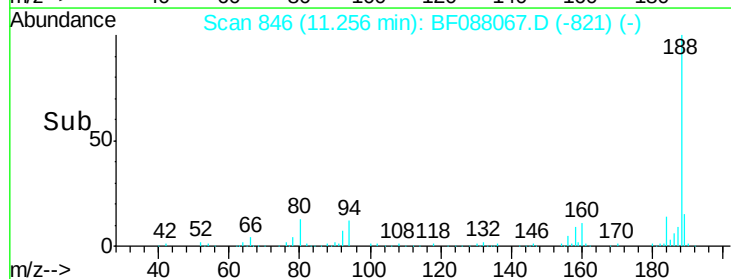
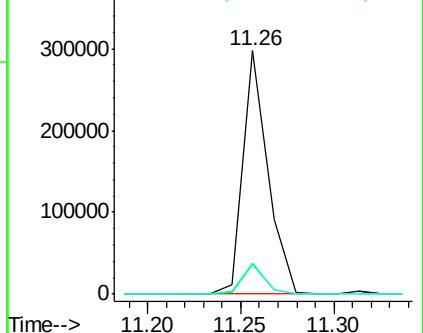
80 13.0 10.0 15.0

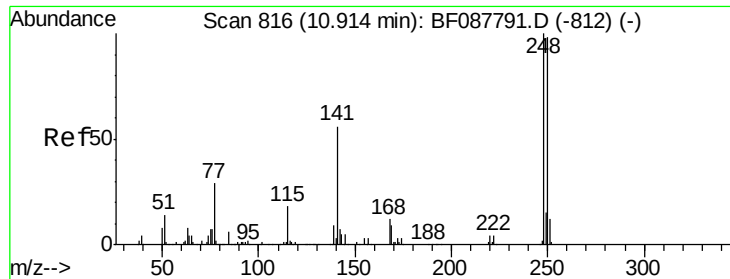


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.24 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.24 min

Lab File: BF088067.D

Acq: 16 Jun 2016 7:22

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

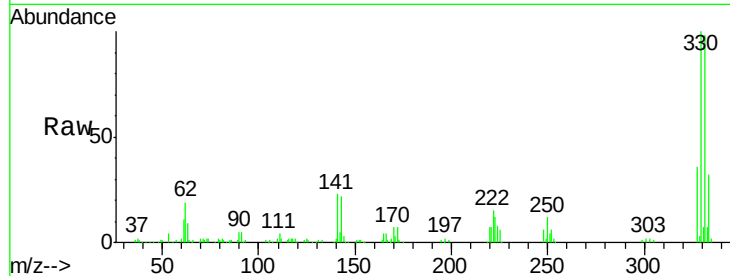
Tgt Ion:248 Resp: 9604

Ion Ratio Lower Upper

248 100

250 200.7 77.1 115.7#

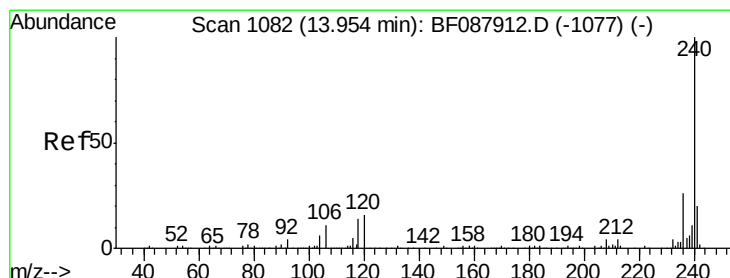
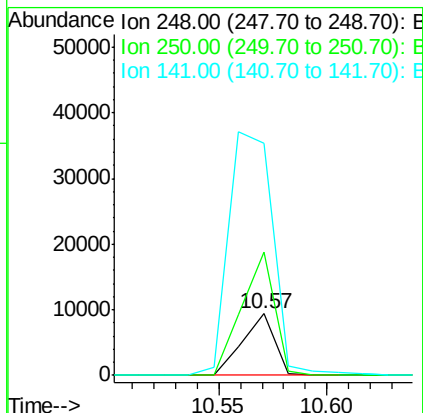
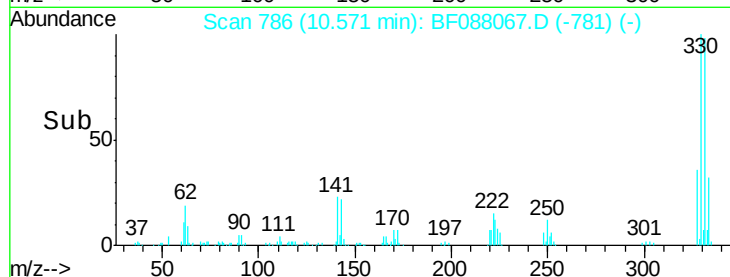
141 378.1 50.6 76.0#



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: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF088067.D

Acq: 16 Jun 2016 7:22

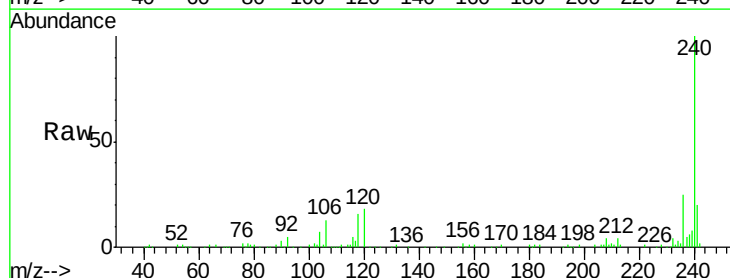
Tgt Ion:240 Resp: 218211

Ion Ratio Lower Upper

240 100

120 18.2 6.8 10.2#

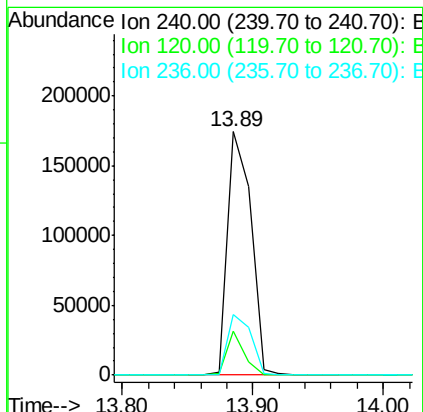
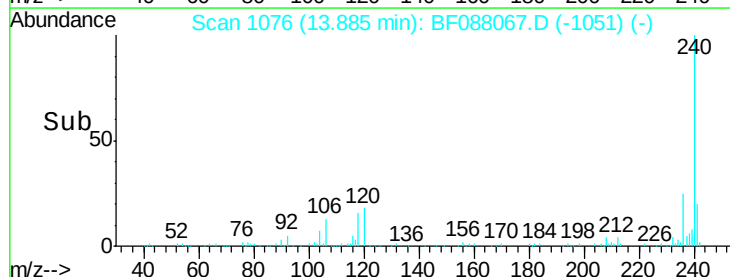
236 25.0 20.2 30.2

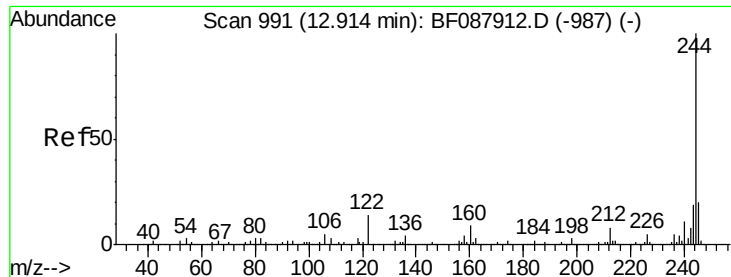


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

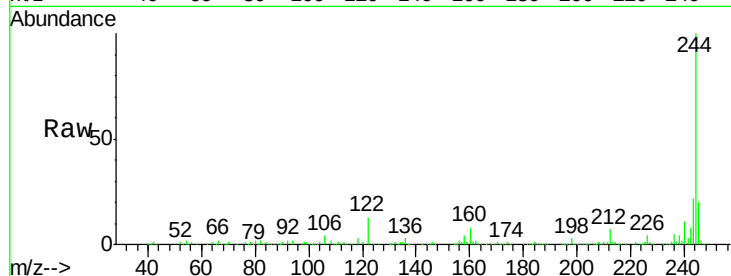




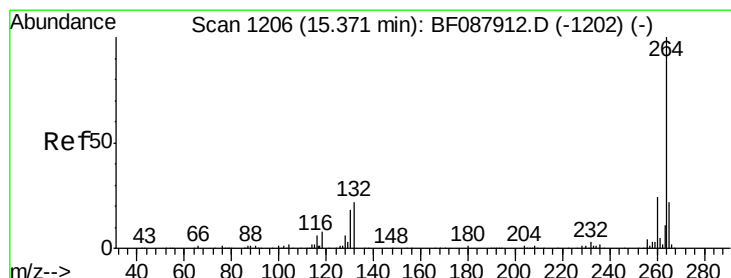
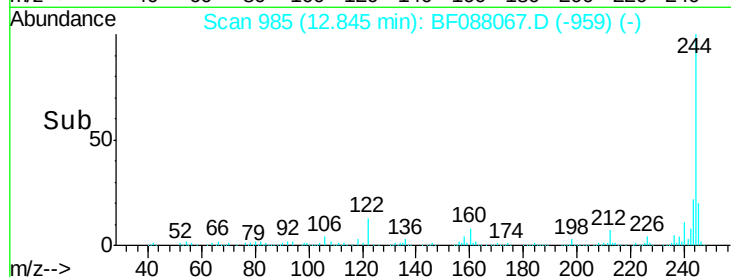
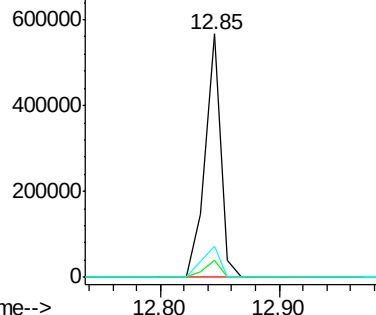
#78
 Terphenyl-d14
 Concen: 54.15 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088067.D
 Acq: 16 Jun 2016 7:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Tgt Ion:244 Resp: 519260
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.0 11.2 16.8

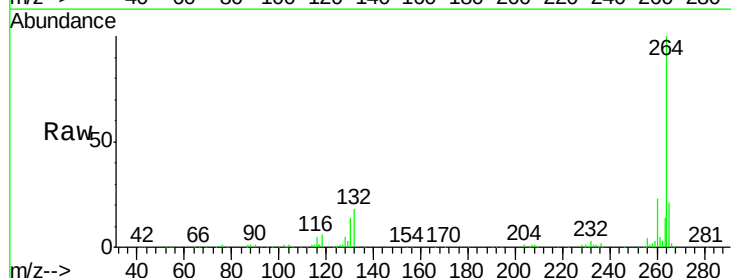


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF088067.D
 Acq: 16 Jun 2016 7:22

Tgt Ion:264 Resp: 218367
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.1 16.9 25.3



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

