

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089897.D
 Acq On : 25 Aug 2016 2:53
 Operator : UM/SJ
 Sample : H4576-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19A-GW

Quant Time: Aug 25 12:25:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

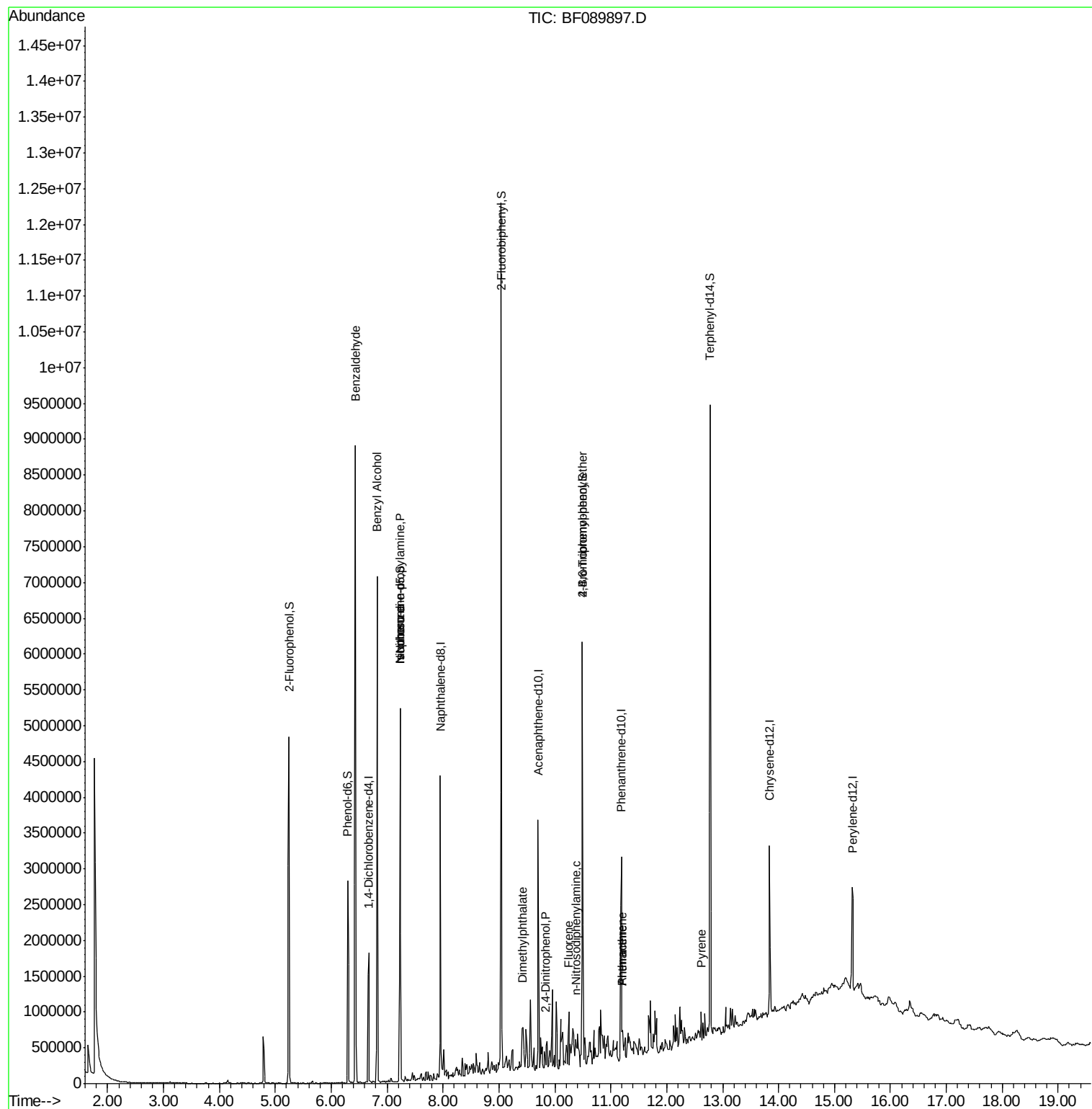
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	408009	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1638465	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	719553	20.00	ng	-0.01
63) Phenanthrene-d10	11.19	188	1397029	20.00	ng	0.00
75) Chrysene-d12	13.84	240	923211	20.00	ng	-0.03
86) Perylene-d12	15.33	264	843594	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1792035	75.32	ng	-0.01
7) Phenol-d6	6.30	99	1289043	44.14	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2109362	79.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	832106	121.68	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3723572	90.95	ng	-0.01
78) Terphenyl-d14	12.78	244	3046114	74.64	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.43	77	56827	2.99	ng	Qvalue 86
15) Benzyl Alcohol	6.82	79	39109	2.02	ng	# 48
19) n-Nitroso-di-n-propylamine	7.23	70	278535	14.91	ng	# 73
25) Isophorone	7.23	82	1767188	33.22	ng	# 67
49) Dimethylphthalate	9.43	163	207156	4.09	ng	# 97
53) 2,4-Dinitrophenol	9.83	184	239	2.23	ng	# 1
57) Fluorene	10.25	166	112085	2.56	ng	# 91
65) n-Nitrosodiphenylamine	10.38	169	132211	3.01	ng	# 49
66) 4-Bromophenyl-phenylether	10.49	248	42227	2.88	ng	# 1
70) Phenanthrene	11.21	178	226670	3.21	ng	# 94
71) Anthracene	11.21	178	226670	3.16	ng	95
77) Pyrene	12.62	202	212710	2.83	ng	96

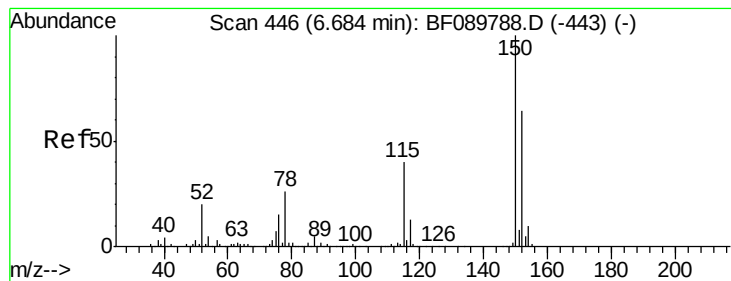
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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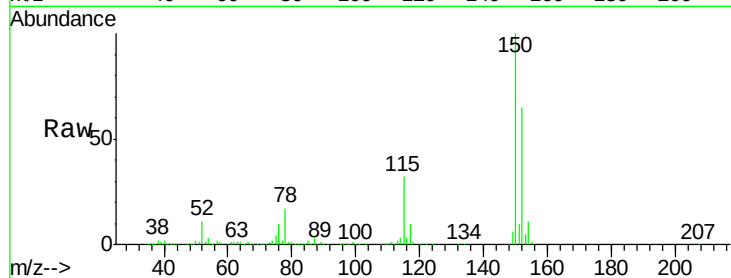




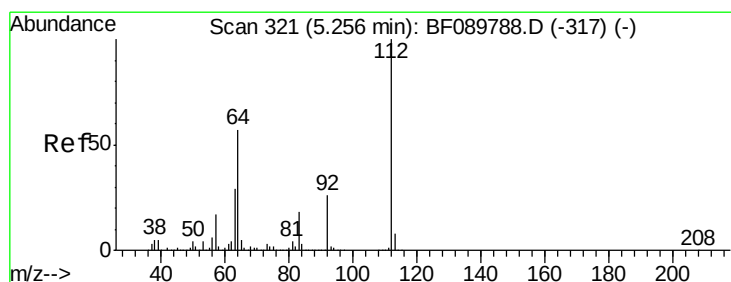
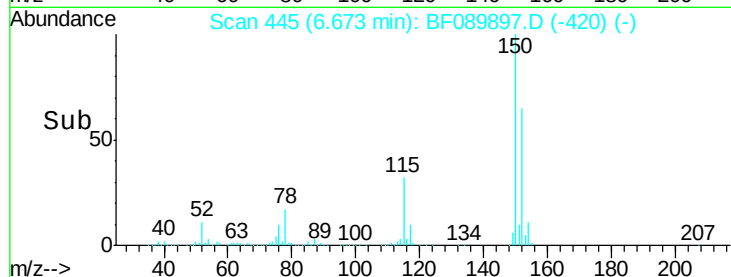
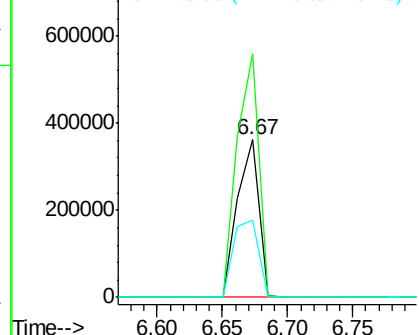
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.01 min
 Lab File: BF089897.D
 Acq: 25 Aug 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-19A-GW

Tgt Ion:152 Resp: 408009
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.3 187.9
 115 49.2 40.9 61.3

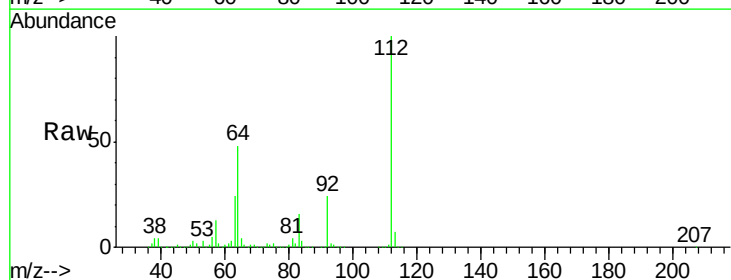


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

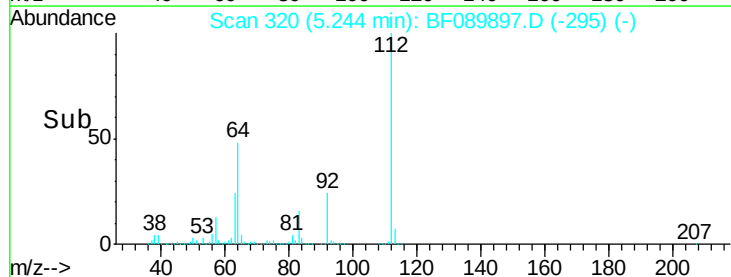
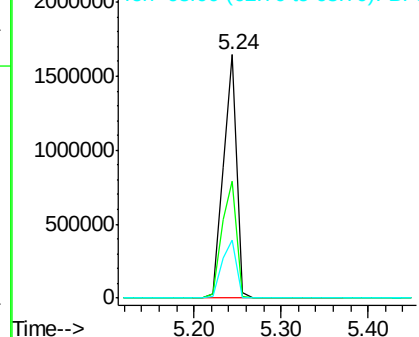


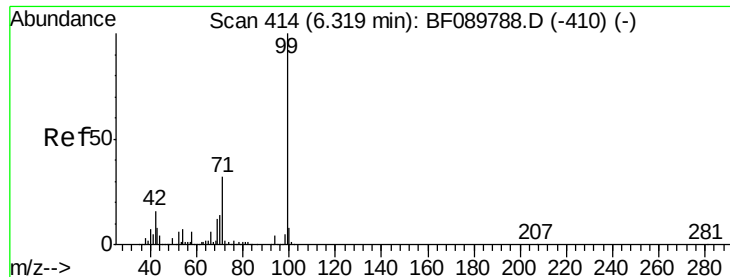
#5
 2-Fluorophenol
 Concen: 75.32 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF089897.D
 Acq: 25 Aug 2016 2:53

Tgt Ion:112 Resp: 1792035
 Ion Ratio Lower Upper
 112 100
 64 47.8 45.0 67.4
 63 23.8 23.1 34.7



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: 44.14 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.02 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

ClientSampleId :

SB-19A-GW

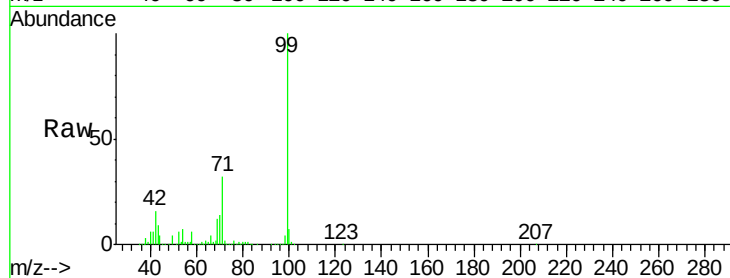
Tgt Ion: 99 Resp: 1289043

Ion Ratio Lower Upper

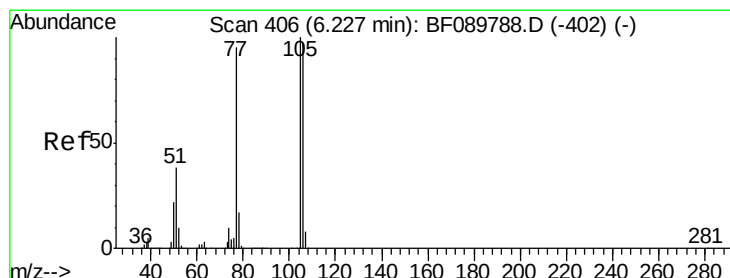
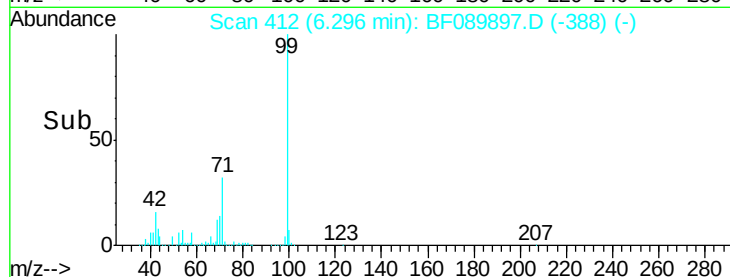
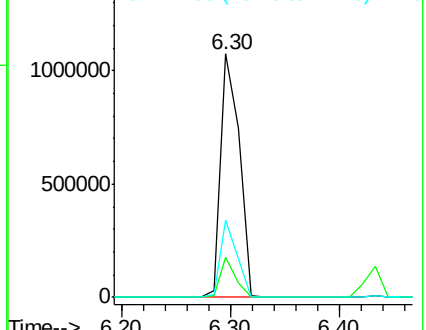
99 100

42 16.4 12.2 18.4

71 31.9 23.8 35.8



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



#9

Benzaldehyde

Concen: 2.99 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.21 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

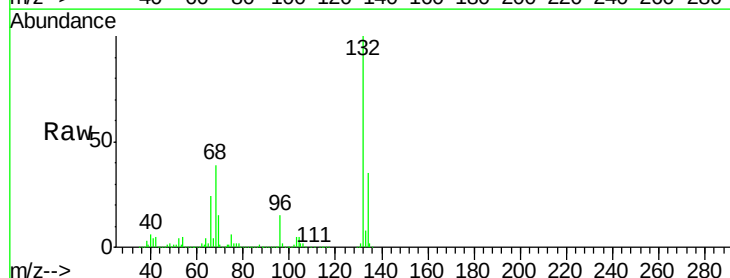
Tgt Ion: 77 Resp: 56827

Ion Ratio Lower Upper

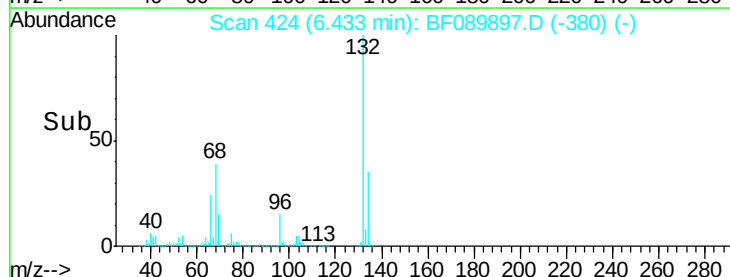
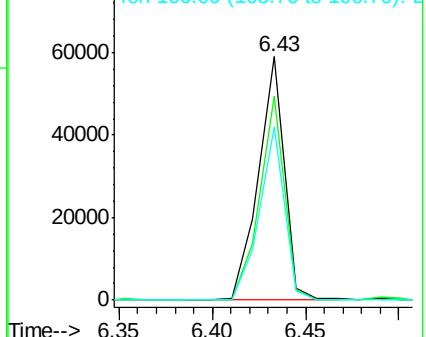
77 100

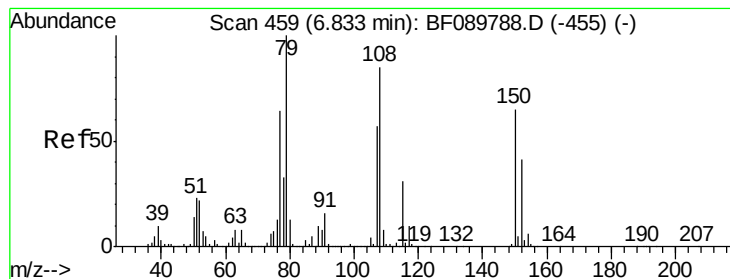
105 83.8 73.3 113.3

106 71.2 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

ClientSampleId :

SB-19A-GW

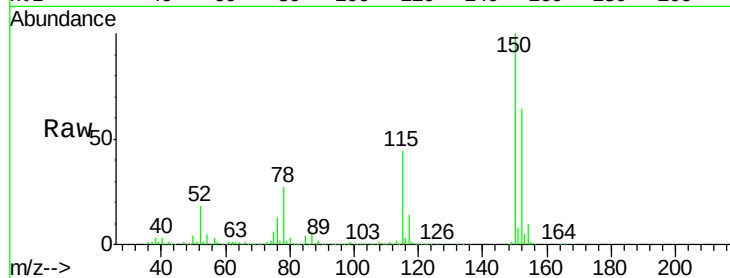
Tgt Ion: 79 Resp: 39109

Ion Ratio Lower Upper

79 100

108 27.7 62.5 93.7#

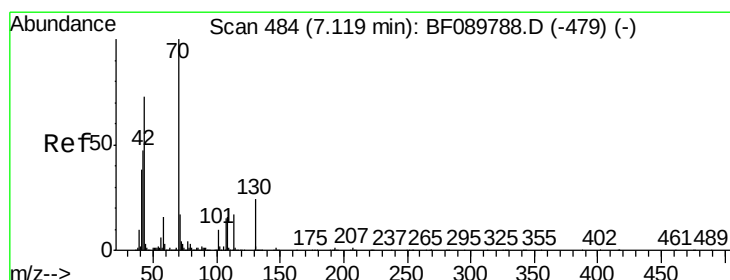
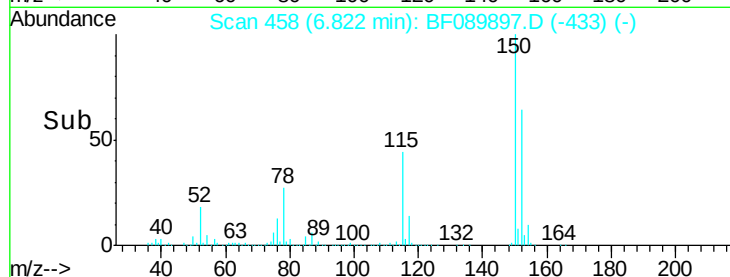
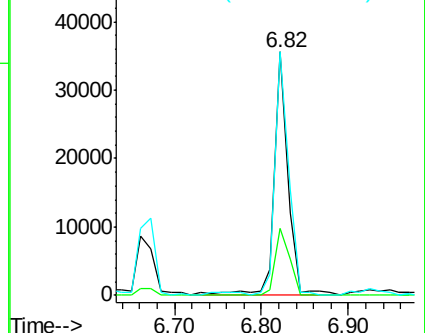
77 99.8 51.5 77.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 14.91 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.11 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Tgt Ion: 70 Resp: 278535

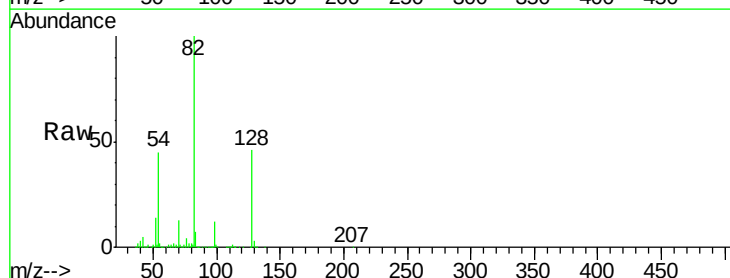
Ion Ratio Lower Upper

70 100

42 39.2 46.3 69.5#

101 0.0 7.0 10.6#

130 2.3 14.4 21.6#

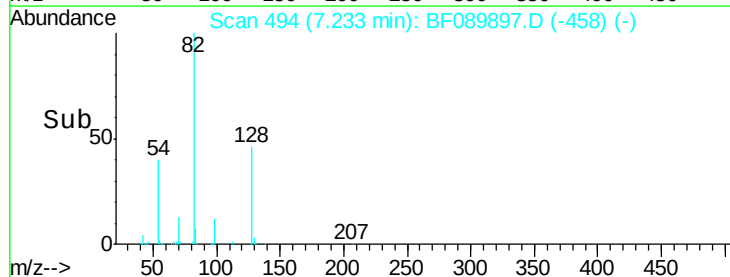
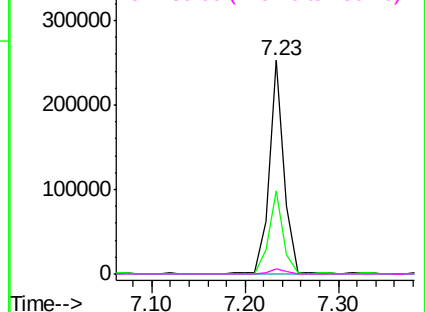


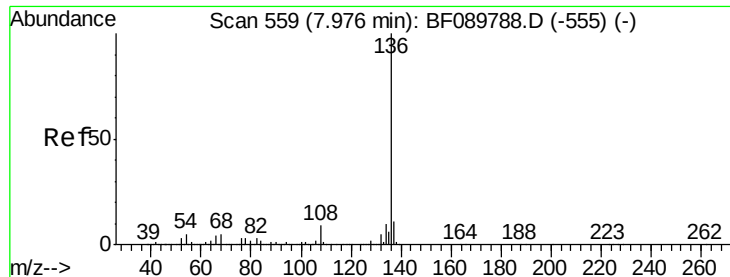
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

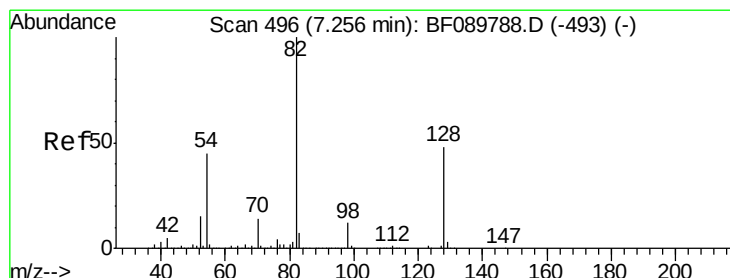
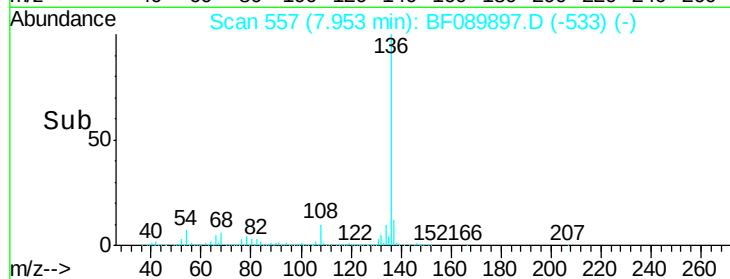
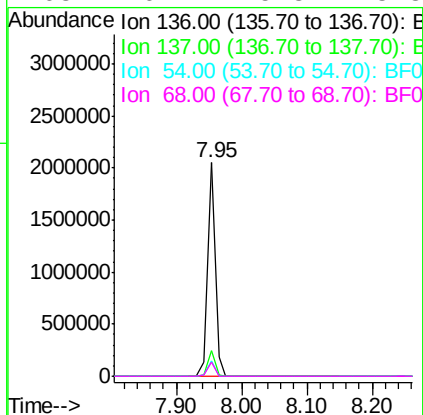
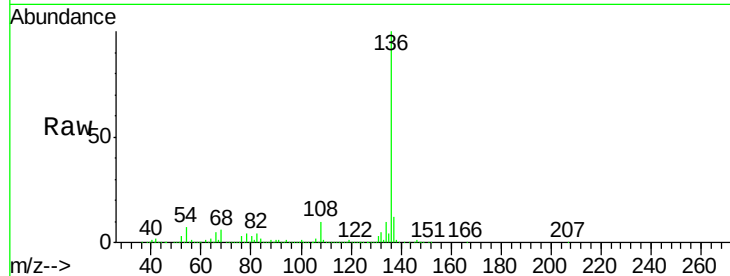




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089897.D
Acq: 25 Aug 2016 2:53

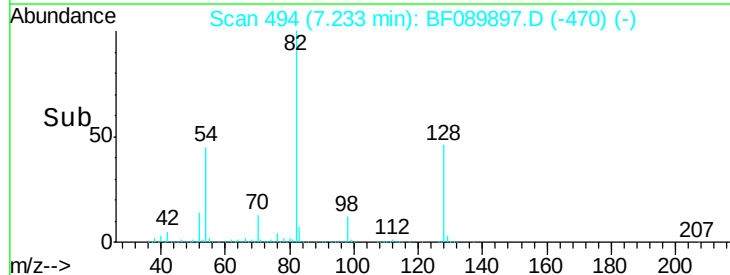
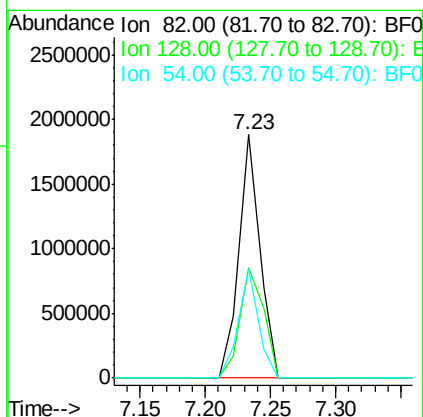
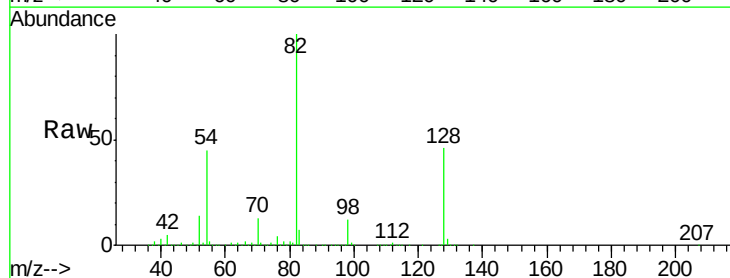
Instrument :
BNA_F
ClientSampleId :
SB-19A-GW

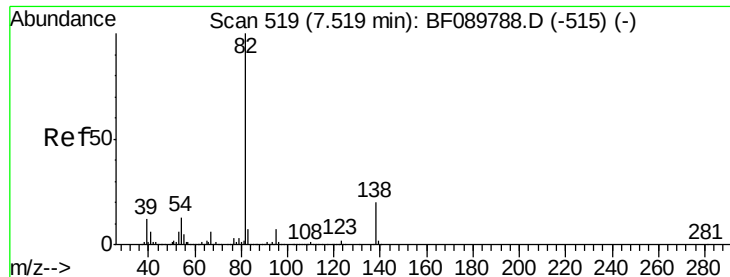
Tgt Ion:	136	Resp:	1638465
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	7.0	7.2	10.8#
68	6.4	5.8	8.8



#23
Nitrobenzene-d5
Concen: 79.98 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089897.D
Acq: 25 Aug 2016 2:53

Tgt Ion:	82	Resp:	2109362
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.4	51.6
54	45.0	40.3	60.5





#25

Isophorone

Concen: 33.22 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.29 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

ClientSampleId :

SB-19A-GW

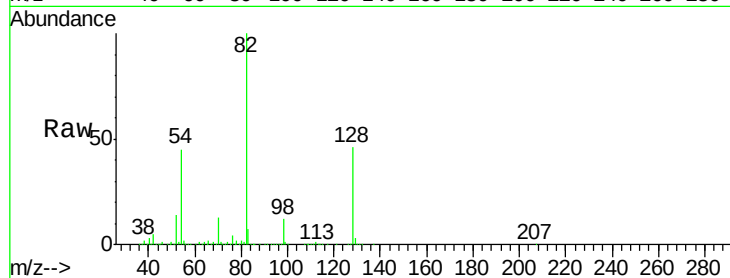
Tgt Ion: 82 Resp: 1767188

Ion Ratio Lower Upper

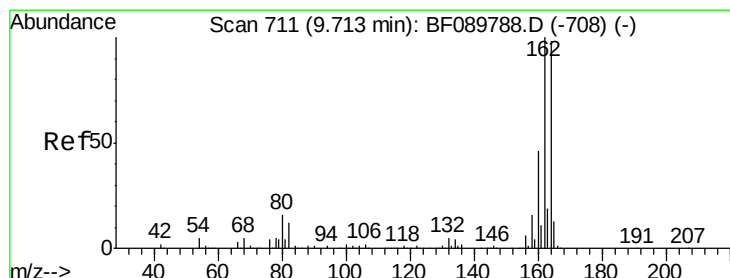
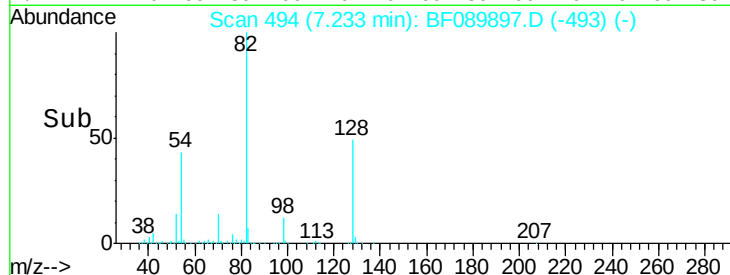
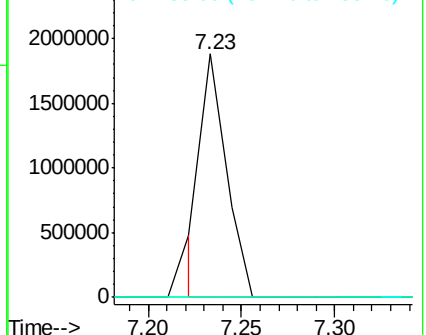
82 100

95 0.1 5.3 7.9#

138 0.0 13.0 19.4#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

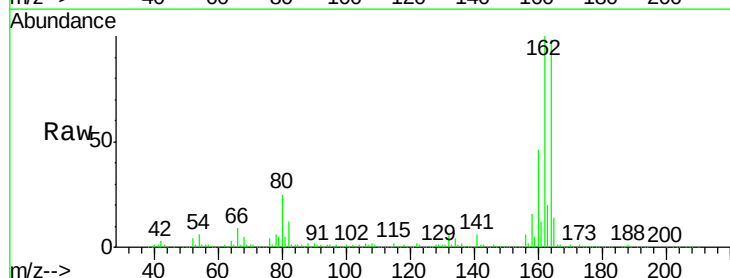
Tgt Ion: 164 Resp: 719553

Ion Ratio Lower Upper

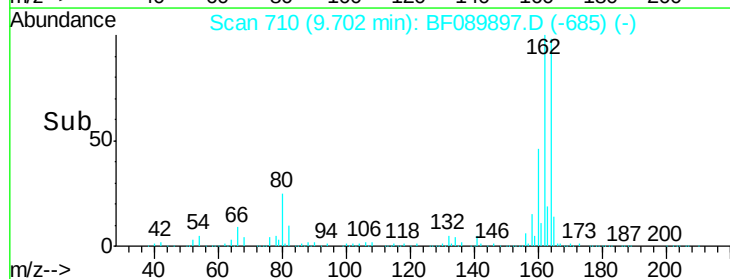
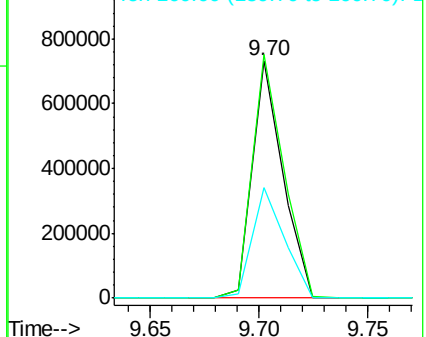
164 100

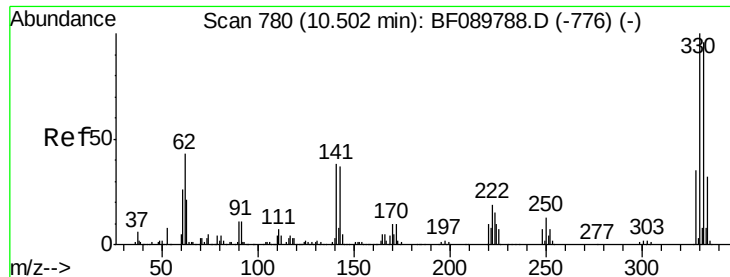
162 102.5 81.4 122.2

160 46.8 37.8 56.6



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

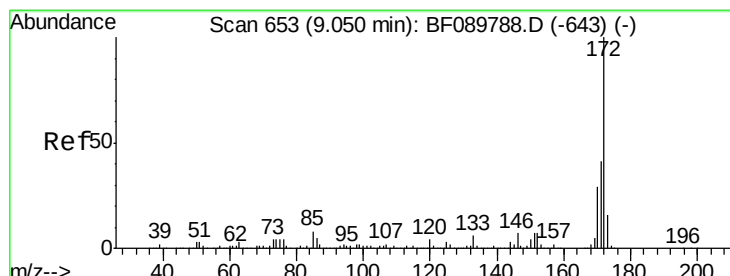
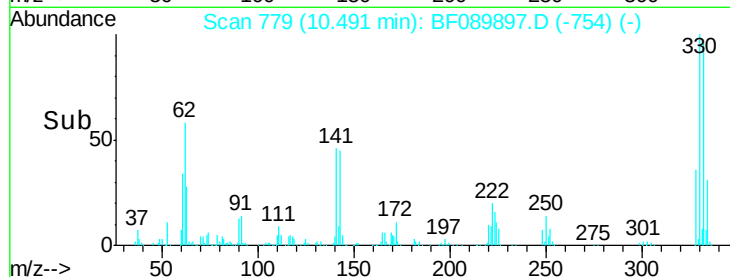
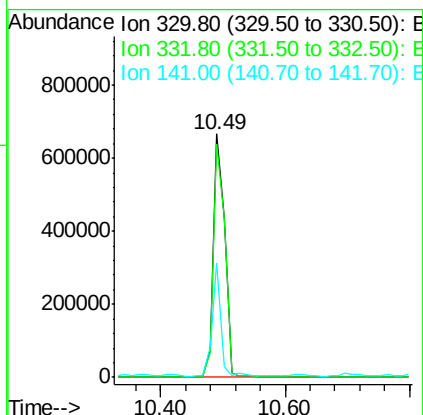
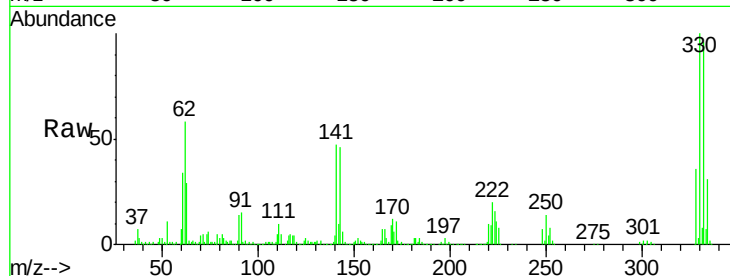




#41
 2,4,6-Tribromophenol
 Concen: 121.68 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089897.D
 Acq: 25 Aug 2016 2:53

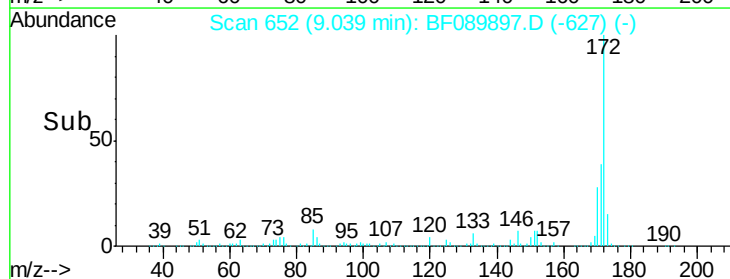
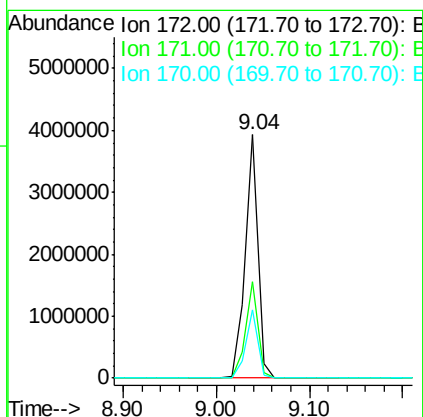
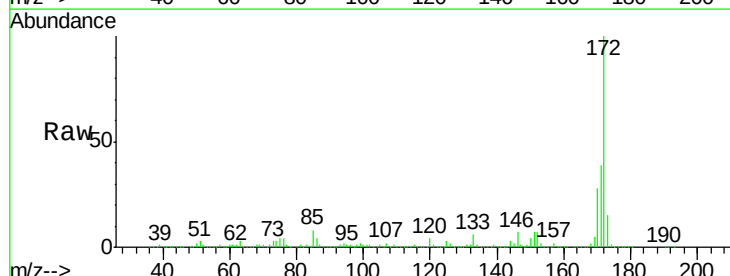
Instrument :
 BNA_F
 ClientSampleId :
 SB-19A-GW

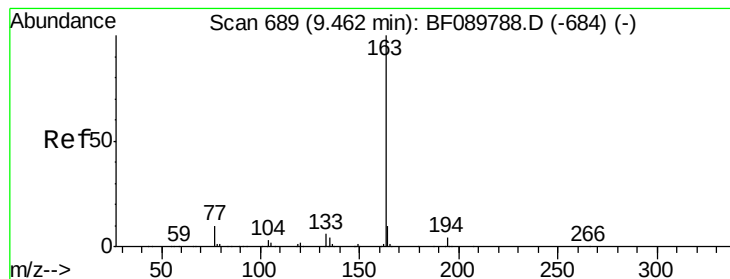
Tgt Ion:330 Resp: 832106
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.7 115.1
 141 36.5 30.2 45.2



#44
 2-Fluorobiphenyl
 Concen: 90.95 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089897.D
 Acq: 25 Aug 2016 2:53

Tgt Ion:172 Resp: 3723572
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.5 45.7
 170 27.8 20.6 31.0





#49

Dimethylphthalate

Concen: 4.09 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

ClientSampleId :

SB-19A-GW

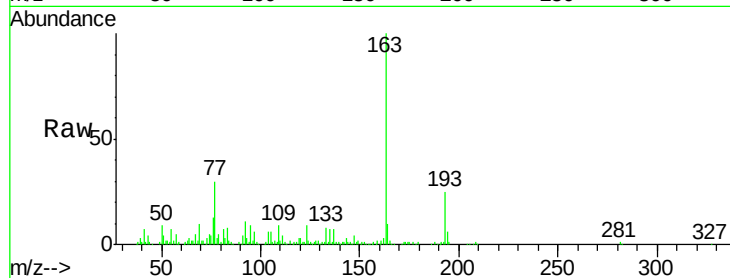
Tgt Ion:163 Resp: 207156

Ion Ratio Lower Upper

163 100

194 6.2 2.6 3.8#

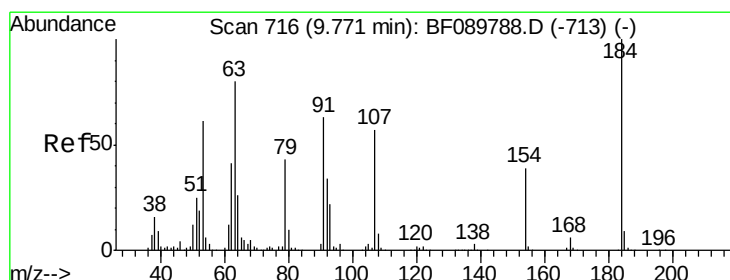
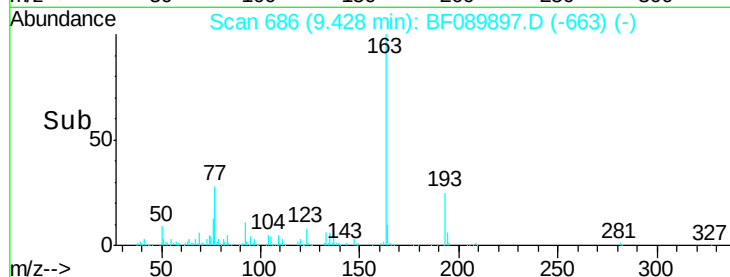
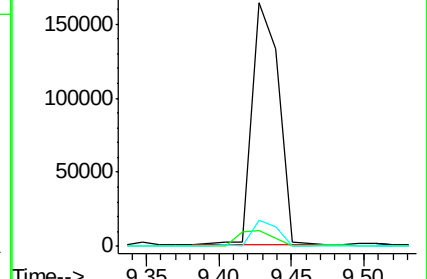
164 10.4 8.6 12.8



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



#53

2,4-Dinitrophenol

Concen: 2.23 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.06 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

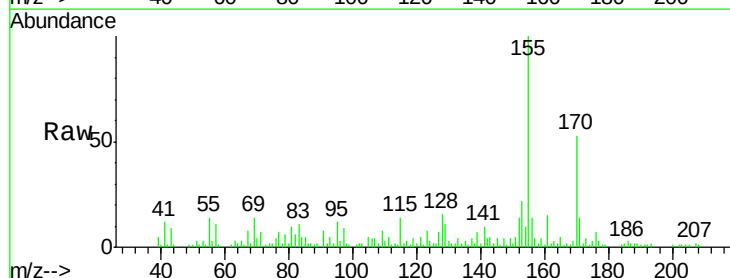
Tgt Ion:184 Resp: 239

Ion Ratio Lower Upper

184 100

63 465.8 54.2 81.4#

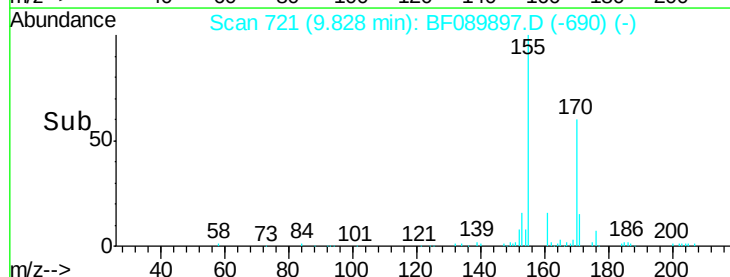
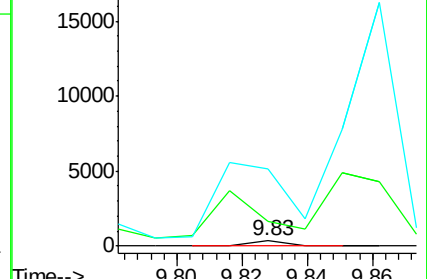
154 1470.4 52.7 79.1#

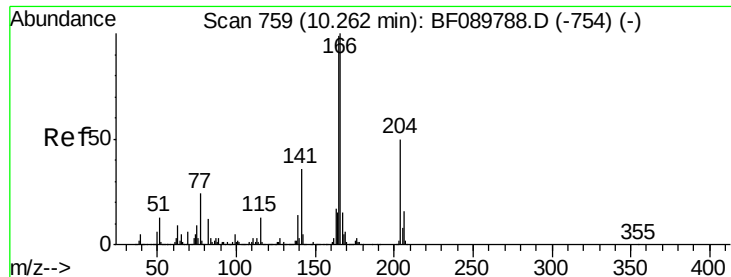


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

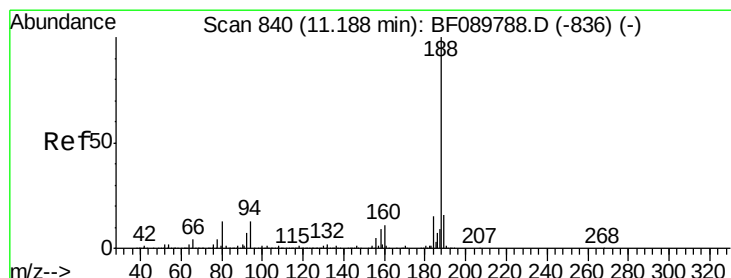
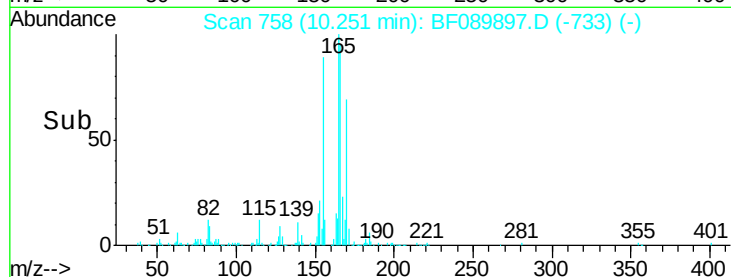
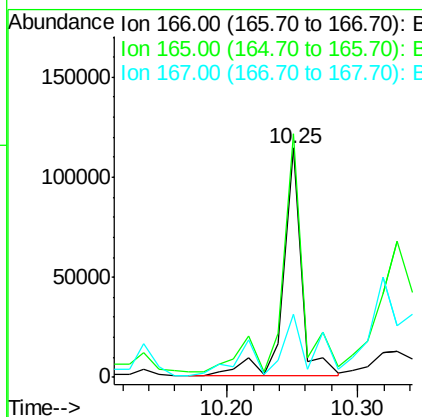
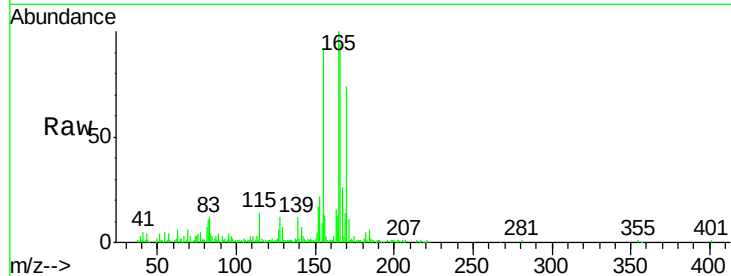




#57
 Fluorene
 Concen: 2.56 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: BF089897.D
 Acq: 25 Aug 2016 2:53

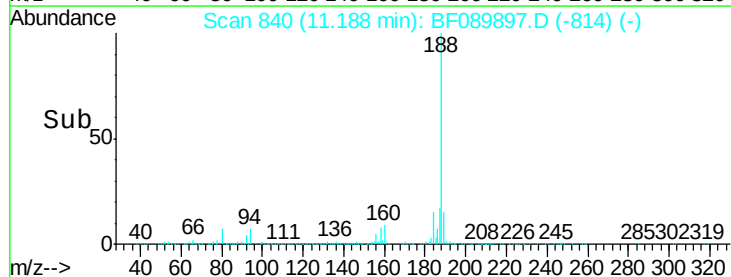
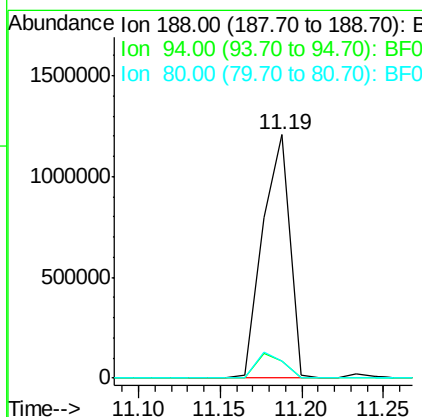
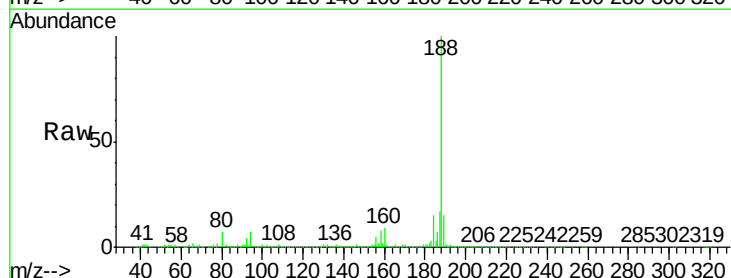
Instrument :
 BNA_F
 ClientSampleId :
 SB-19A-GW

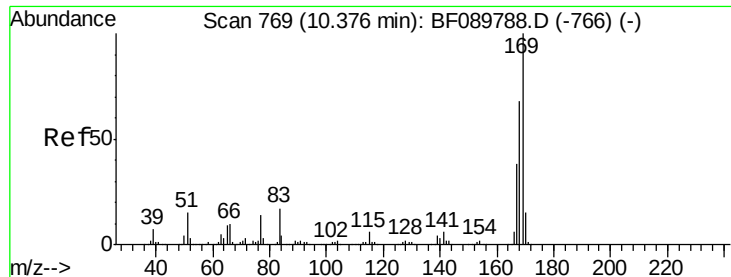
Tgt Ion:166 Resp: 112085
 Ion Ratio Lower Upper
 166 100
 165 106.1 80.2 120.4
 167 27.4 11.3 16.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF089897.D
 Acq: 25 Aug 2016 2:53

Tgt Ion:188 Resp: 1397029
 Ion Ratio Lower Upper
 188 100
 94 7.2 10.2 15.2#
 80 6.9 10.9 16.3#





#65

n-Nitrosodiphenylamine

Concen: 3.01 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

ClientSampleId :

SB-19A-GW

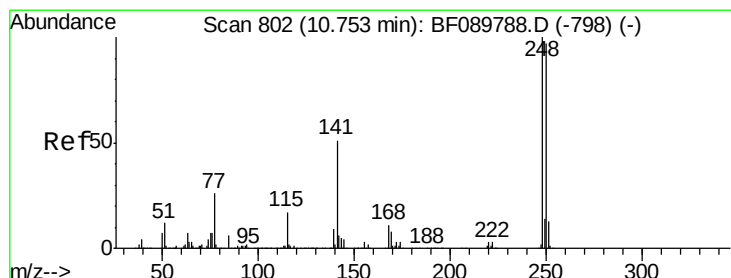
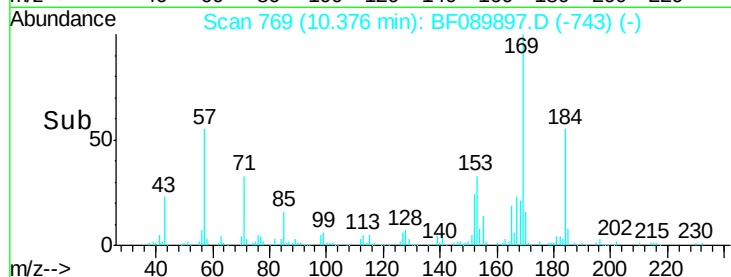
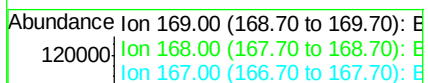
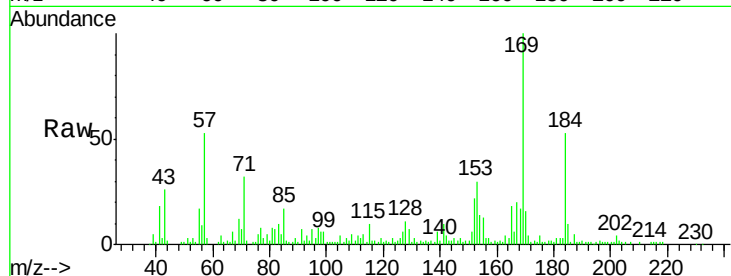
Tgt Ion:169 Resp: 132211

Ion Ratio Lower Upper

169 100

168 17.2 54.6 82.0#

167 19.7 30.6 45.8#



#66

4-Bromophenyl-phenylether

Concen: 2.88 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.26 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

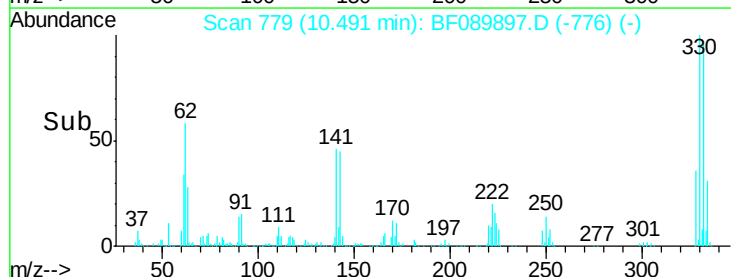
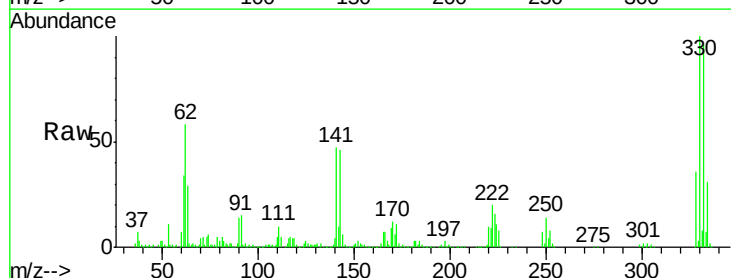
Tgt Ion:248 Resp: 42227

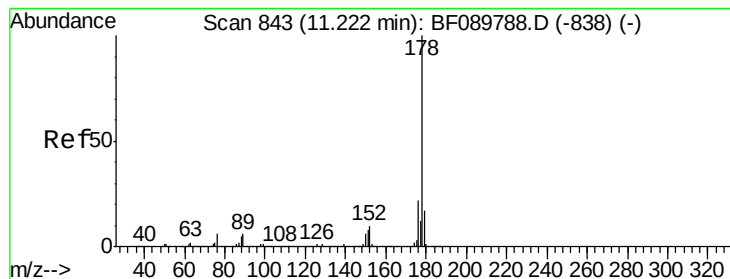
Ion Ratio Lower Upper

248 100

250 196.1 78.6 117.8#

141 662.4 31.4 47.2#





#70

Phenanthrene

Concen: 3.21 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

ClientSampleId :

SB-19A-GW

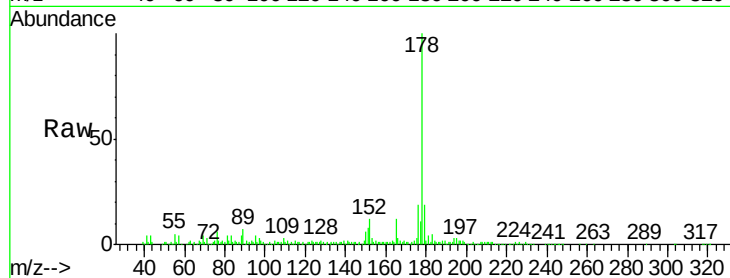
Tgt Ion:178 Resp: 226670

Ion Ratio Lower Upper

178 100

176 18.7 16.4 24.6

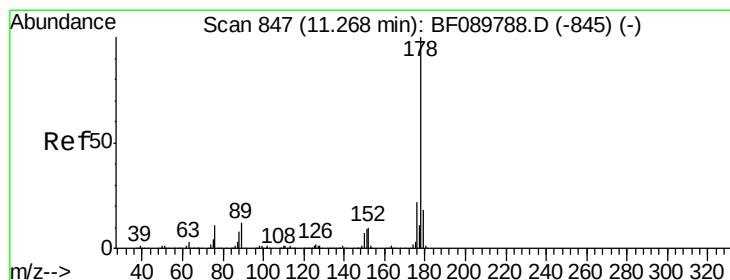
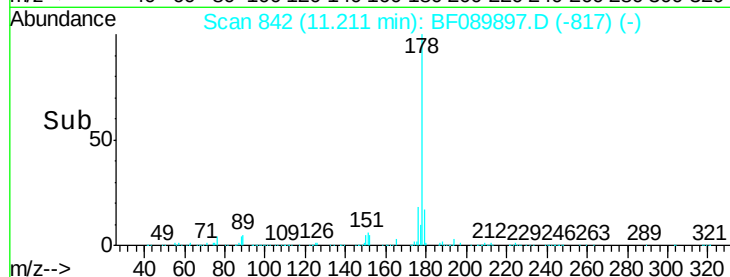
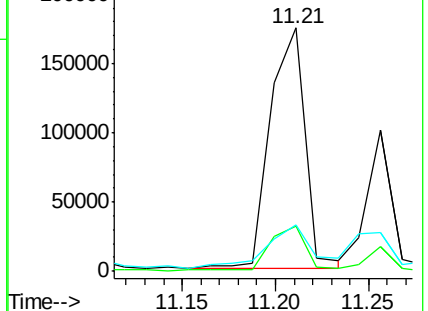
179 18.9 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 3.16 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.06 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

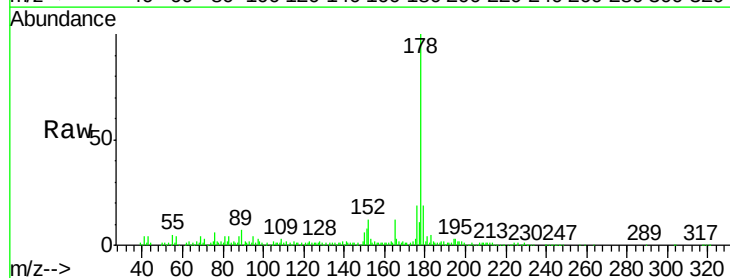
Tgt Ion:178 Resp: 226670

Ion Ratio Lower Upper

178 100

176 18.7 16.4 24.6

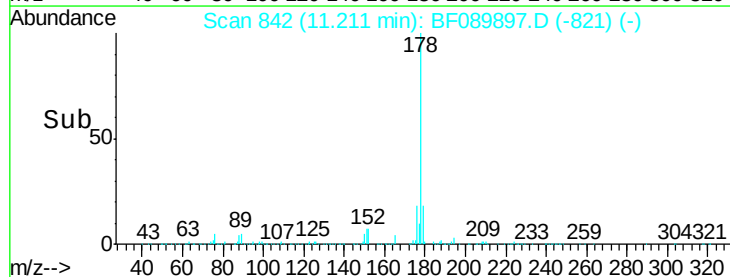
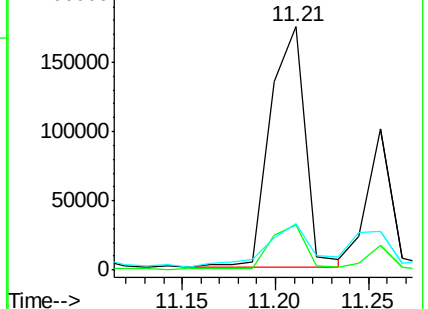
179 18.9 13.1 19.7

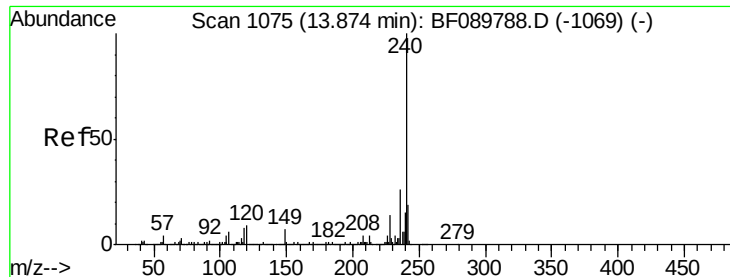


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

ClientSampled :

SB-19A-GW

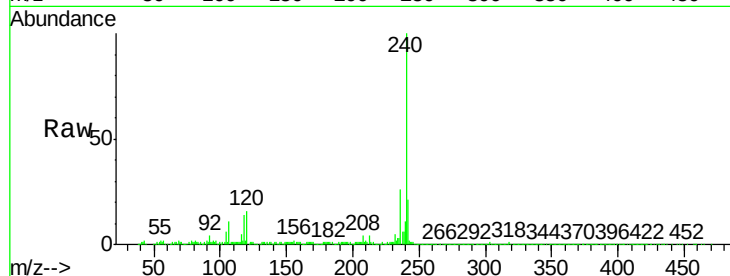
Tgt Ion:240 Resp: 923211

Ion Ratio Lower Upper

240 100

120 15.9 8.3 12.5#

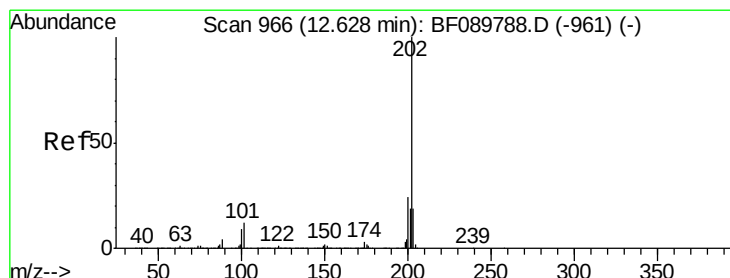
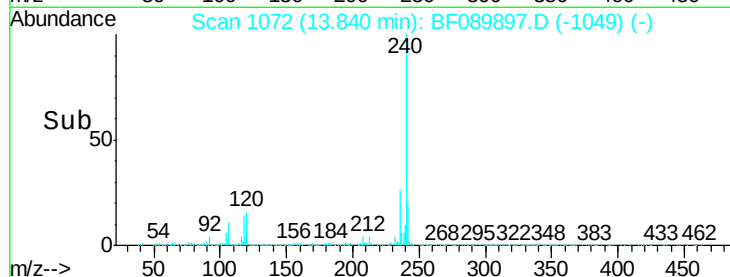
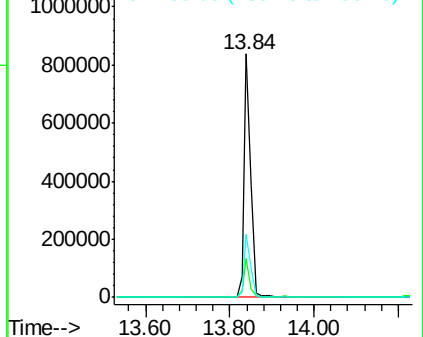
236 26.1 21.3 31.9



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



#77

Pyrene

Concen: 2.83 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

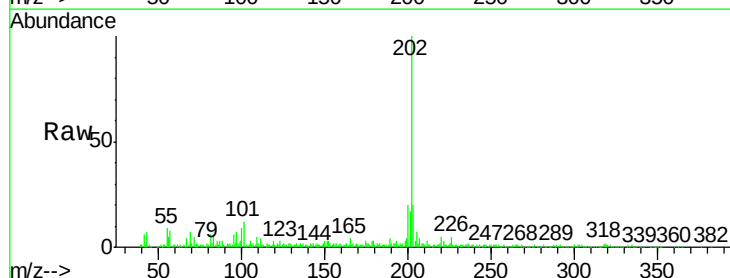
Tgt Ion:202 Resp: 212710

Ion Ratio Lower Upper

202 100

200 20.5 17.8 26.6

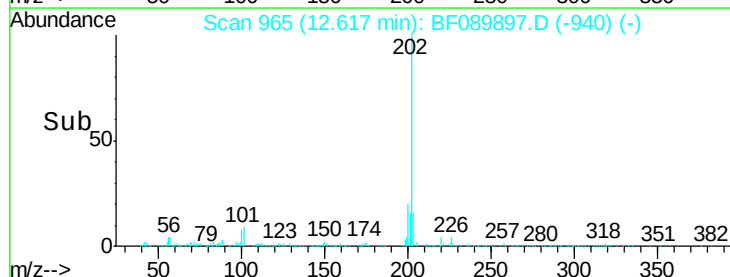
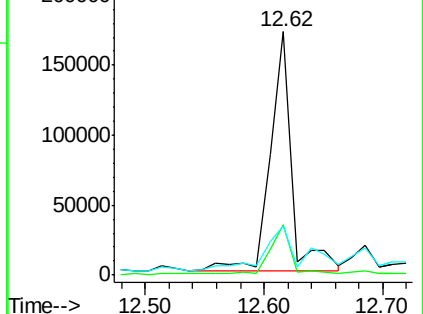
203 20.2 14.2 21.4

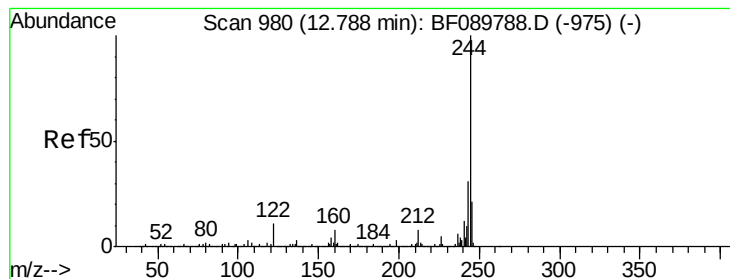


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.64 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

Instrument :

BNA_F

ClientSampleId :

SB-19A-GW

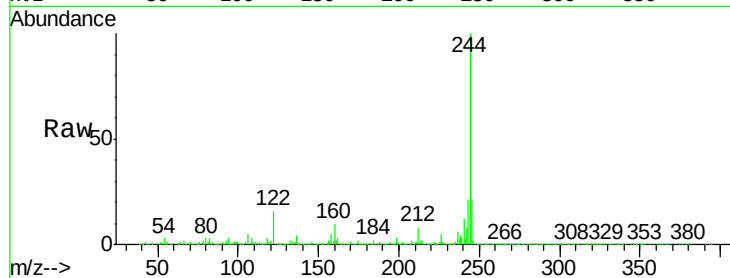
Tgt Ion:244 Resp: 3046114

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

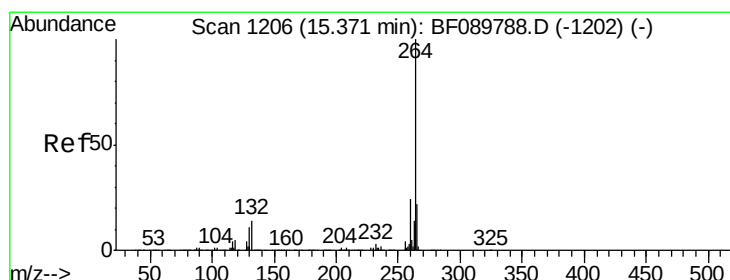
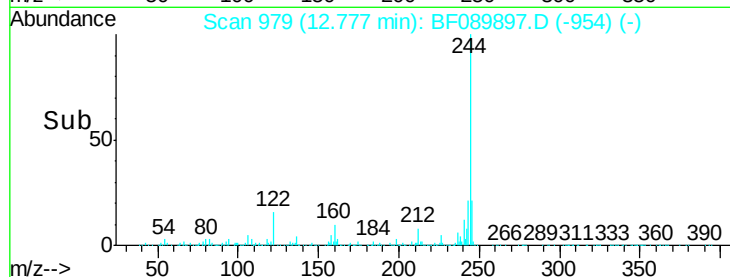
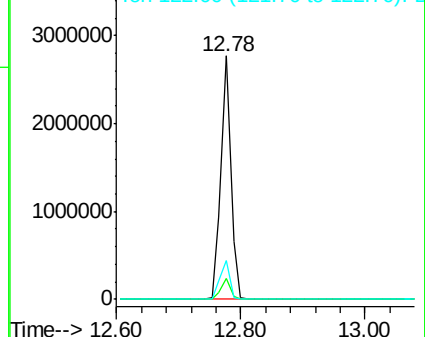
122 15.9 12.0 18.0



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: 15.33 min Scan# 1202

Delta R.T. -0.05 min

Lab File: BF089897.D

Acq: 25 Aug 2016 2:53

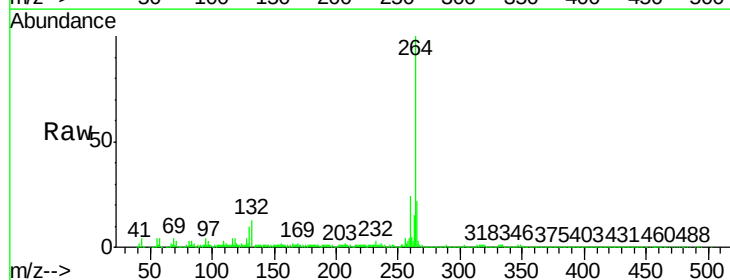
Tgt Ion:264 Resp: 843594

Ion Ratio Lower Upper

264 100

260 23.9 20.2 30.2

265 21.9 17.4 26.2



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

