

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094901.D
 Acq On : 5 May 2017 6:24
 Operator : SJ/MA
 Sample : I2932-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 08:01:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

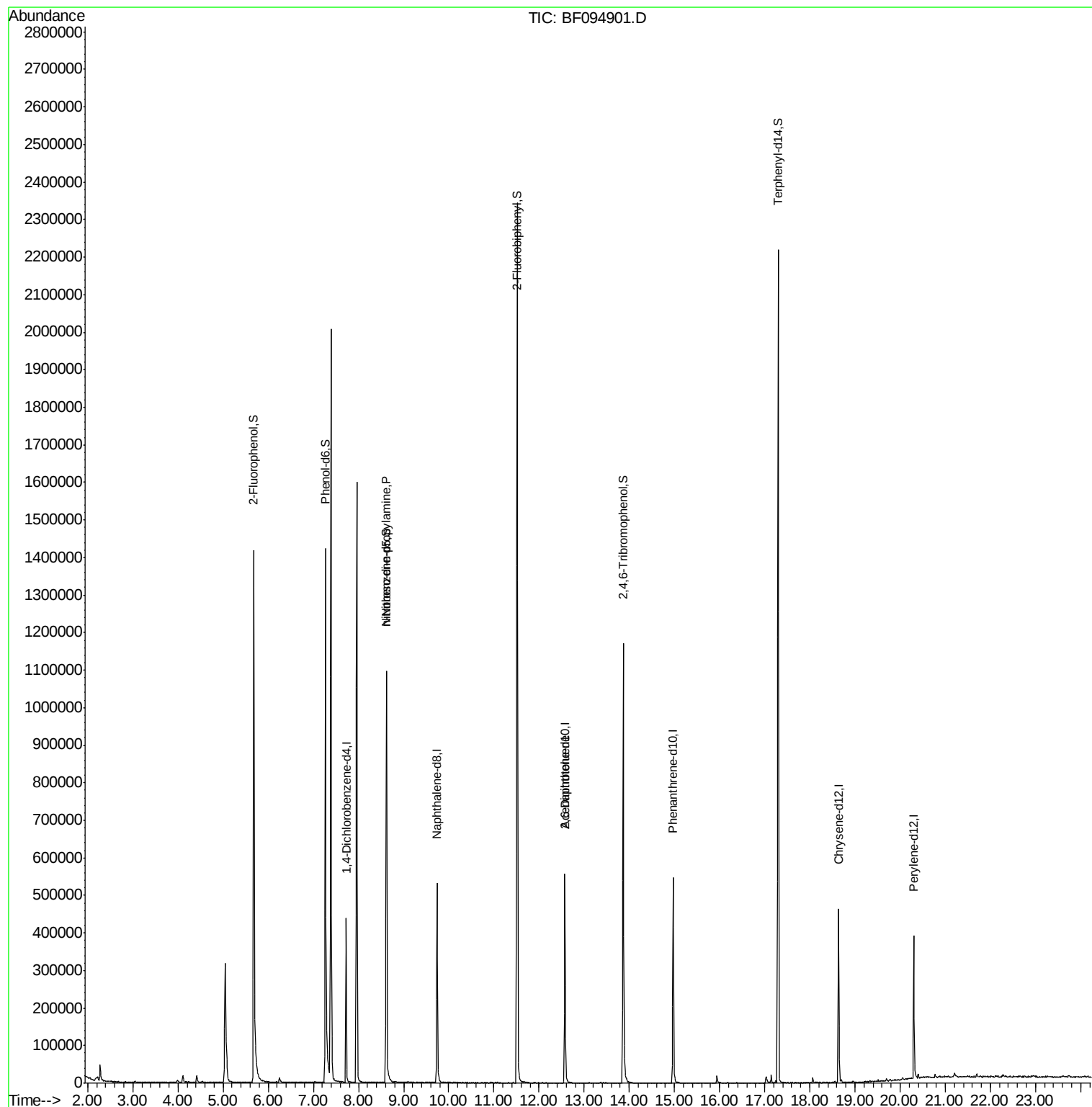
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	88280	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	361559	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	174282	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	303359	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	211328	20.00	ng	-0.02
86) Perylene-d12	20.30	264	183409	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	689316	130.18	ng	0.00
7) Phenol-d6	7.27	99	806459	126.94	ng	-0.01
23) Nitrobenzene-d5	8.62	82	540612	94.29	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	202932	142.18	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1079814	89.18	ng	-0.01
78) Terphenyl-d14	17.30	244	870839	90.76	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	67317	15.67	ng	# 76
50) 2,6-Dinitrotoluene	12.57	165	17578	6.02	ng	# 31

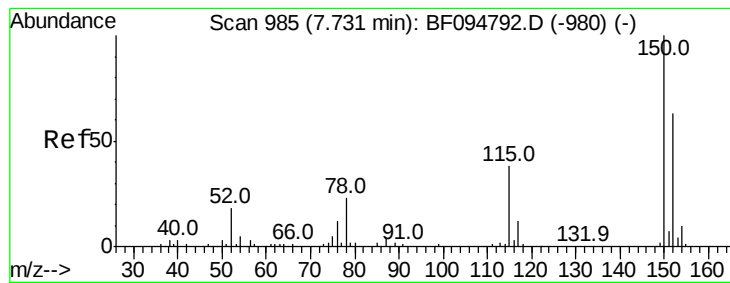
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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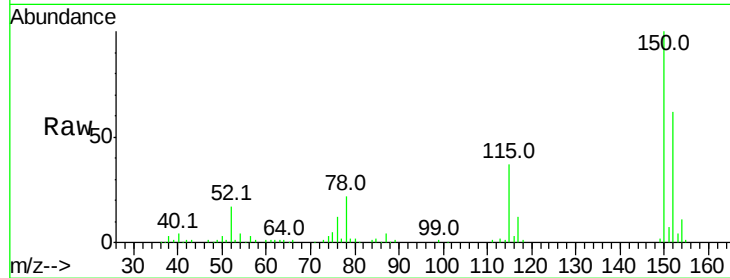


#1

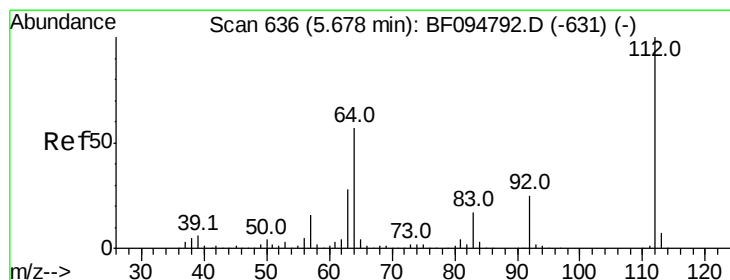
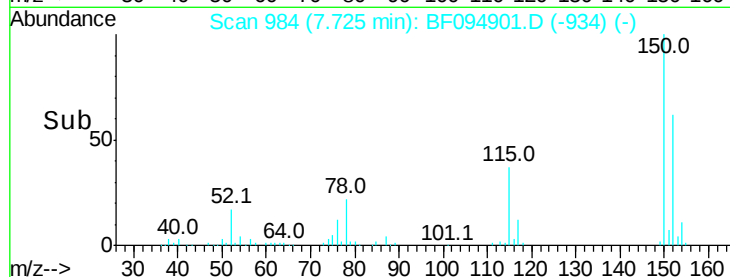
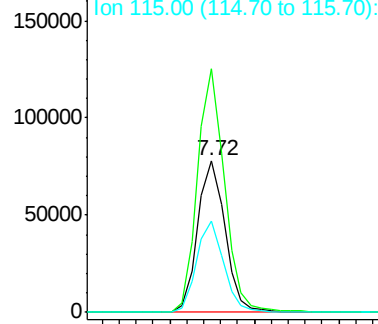
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094901.D
Acq: 5 May 2017 6:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88280
Ion Ratio Lower Upper
152 100
150 160.7 126.2 189.2
115 59.9 52.2 78.2



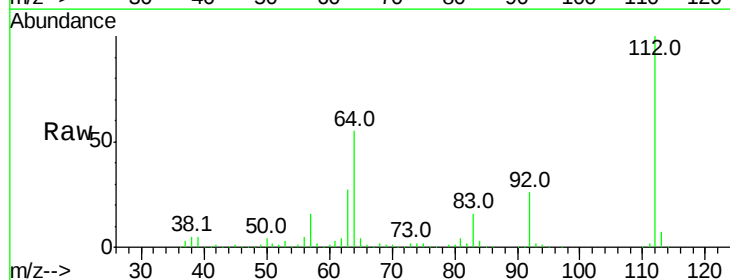
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



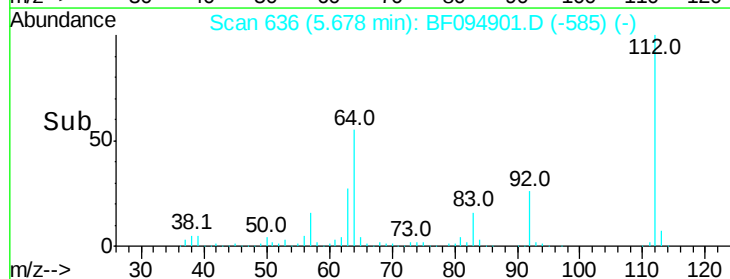
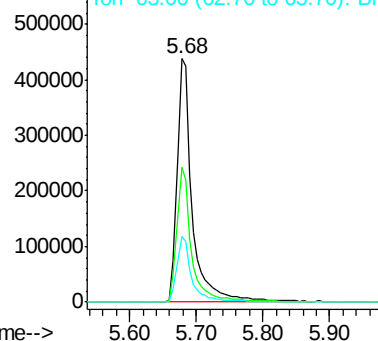
#5

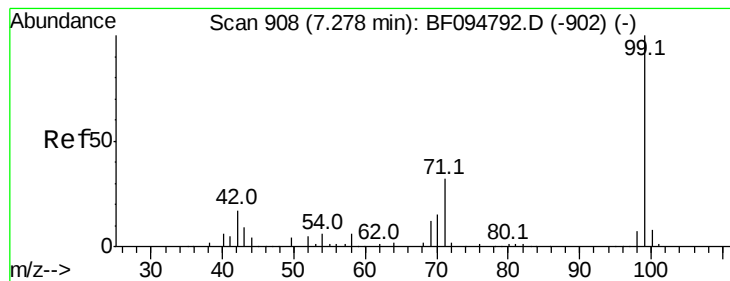
2-Fluorophenol
Concen: 130.18 ng
RT: 5.68 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF094901.D
Acq: 5 May 2017 6:24

Tgt Ion:112 Resp: 689316
Ion Ratio Lower Upper
112 100
64 55.3 46.0 69.0
63 26.8 23.4 35.0



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: 126.94 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094901.D

Acq: 5 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

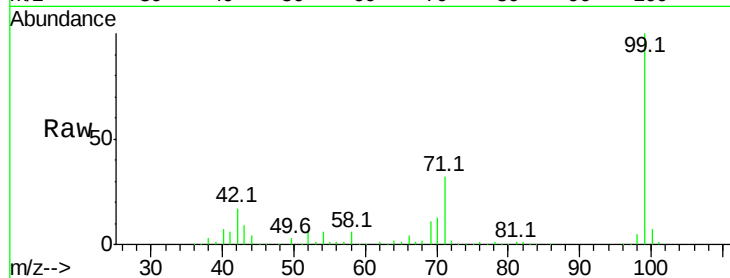
Tot Ion: 99 Resp: 806459

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

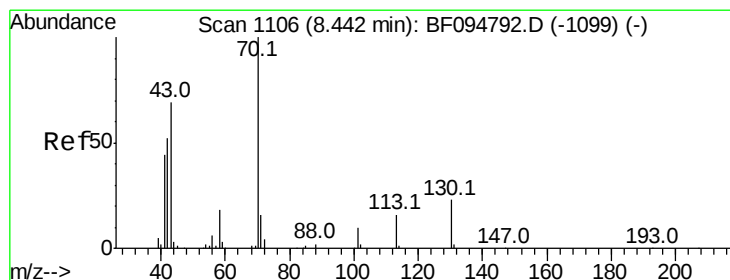
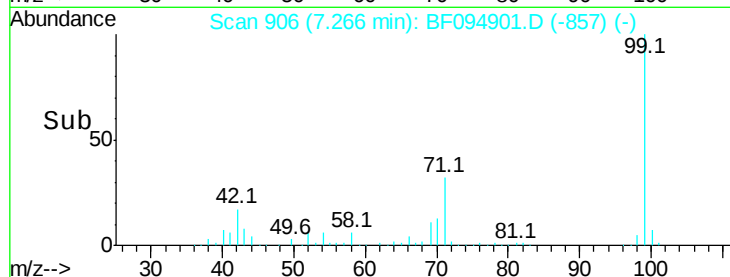
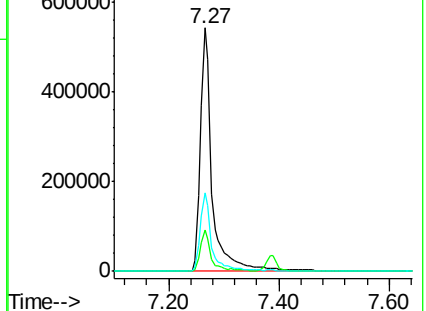
71 32.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.67 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094901.D

Acq: 5 May 2017 6:24

Tgt Ion: 70 Resp: 67317

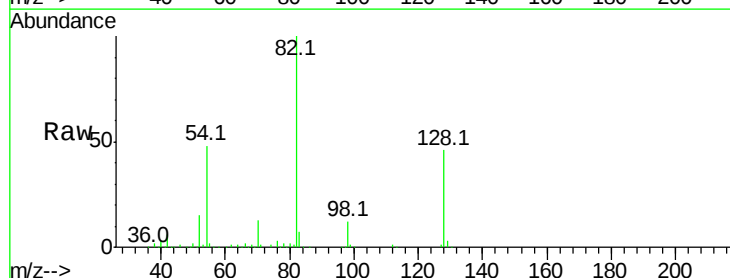
Ion Ratio Lower Upper

70 100

42 45.6 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

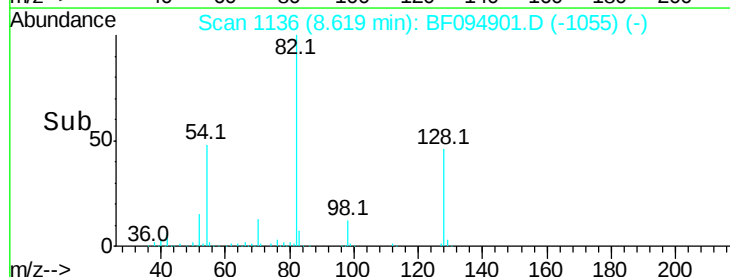
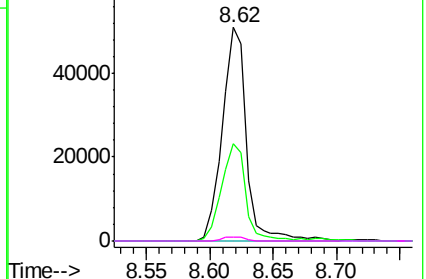


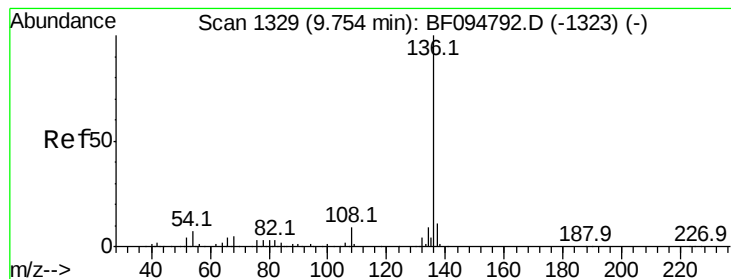
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094901.D

Acq: 5 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 361559

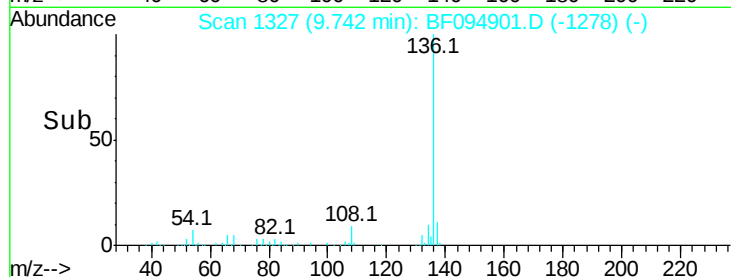
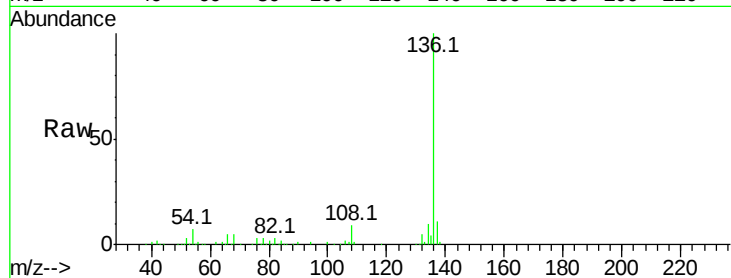
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.8 4.9 7.3

68 5.1 4.1 6.1

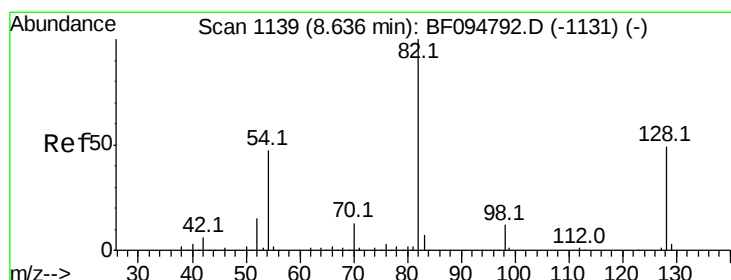
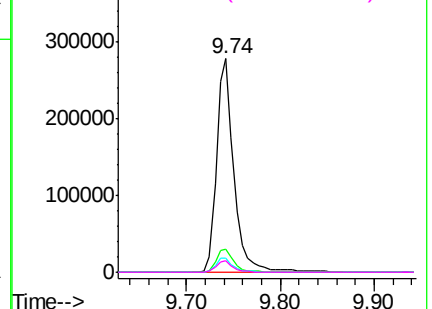


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.29 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094901.D

Acq: 5 May 2017 6:24

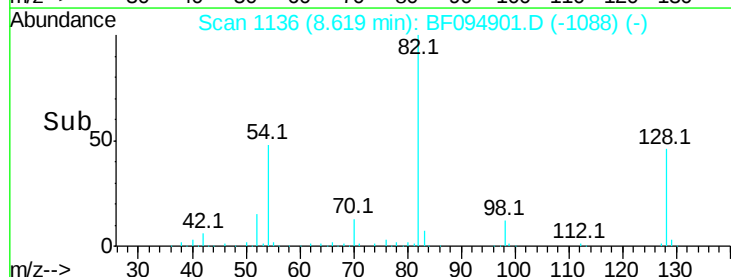
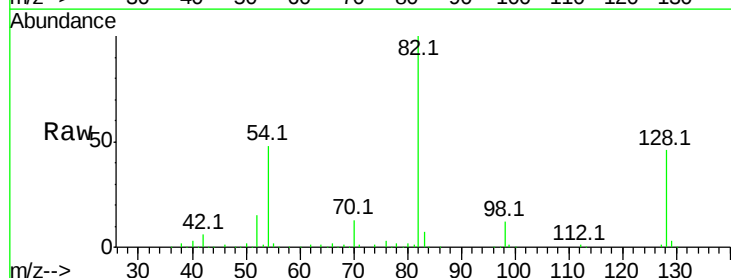
Tgt Ion: 82 Resp: 540612

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

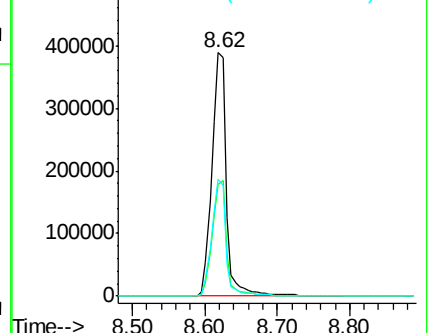
54 48.1 42.2 63.2

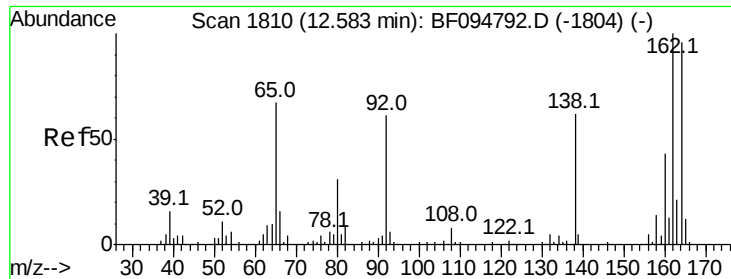


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094901.D

Acq: 5 May 2017 6:24

Instrument :

BNA_F

ClientSampleId :

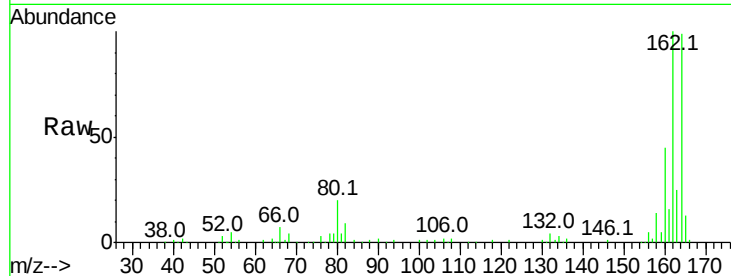
Tot Ion:164 Resp: 174282

Ion Ratio Lower Upper

164 100

162 100.8 82.6 123.8

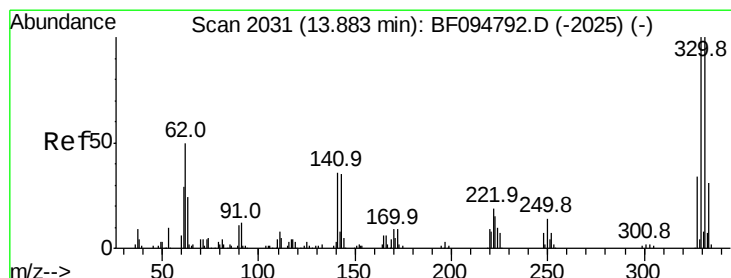
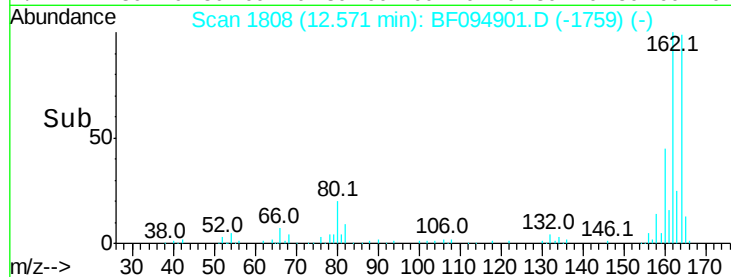
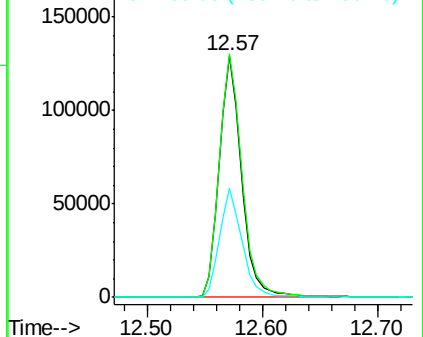
160 45.4 36.2 54.2



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: 142.18 ng

RT: 13.87 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF094901.D

Acq: 5 May 2017 6:24

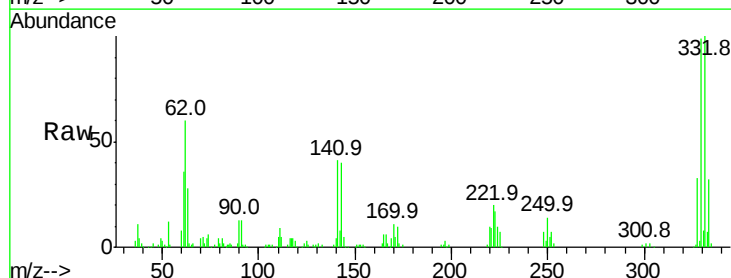
Tgt Ion:330 Resp: 202932

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

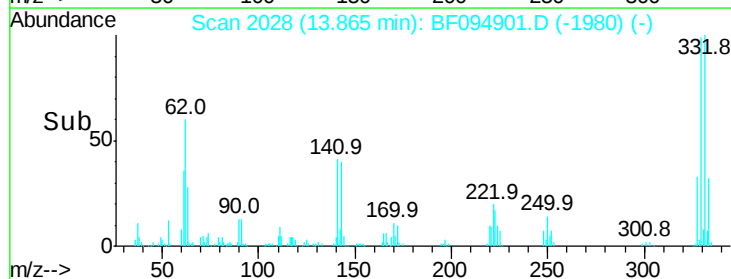
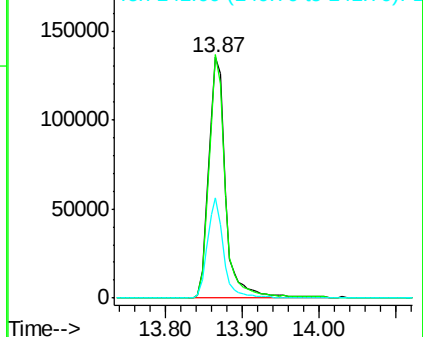
141 40.0 31.4 47.2

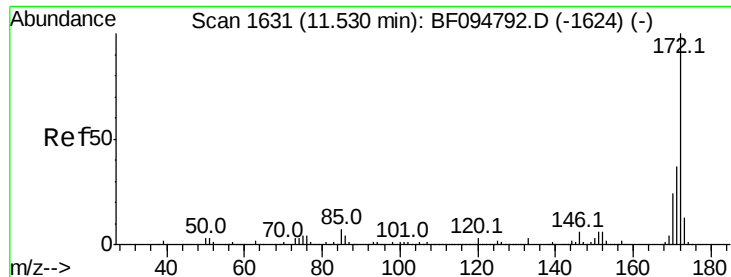


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

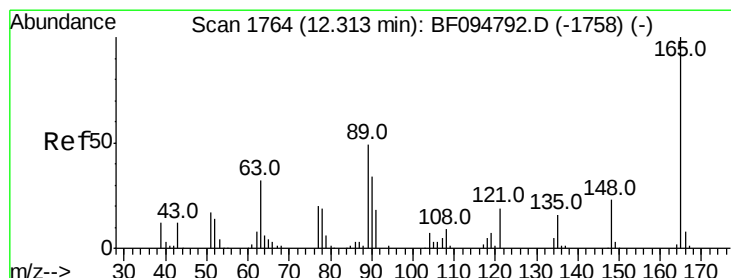
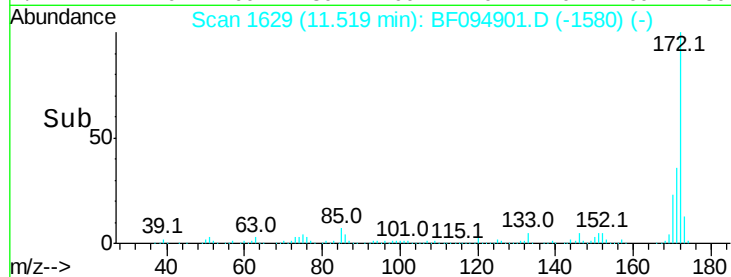
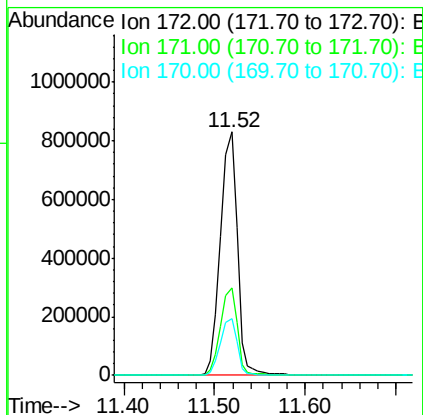
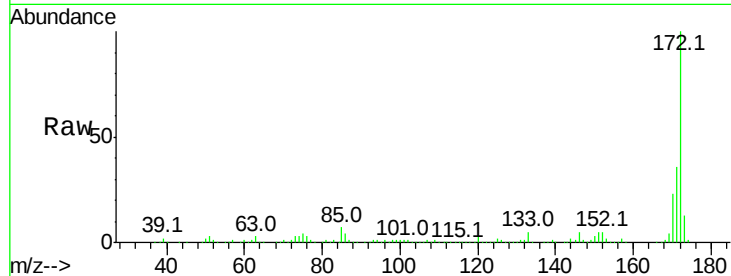




#44
 2-Fluorobiphenyl
 Concen: 89.18 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094901.D
 Acq: 5 May 2017 6:24

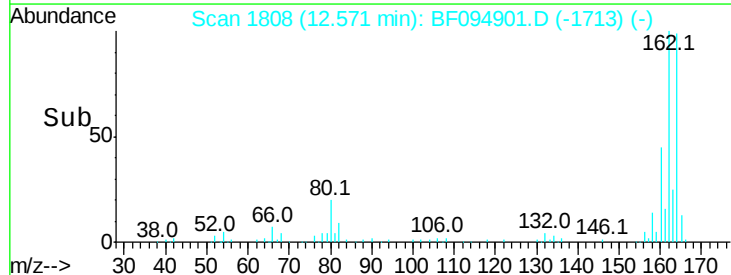
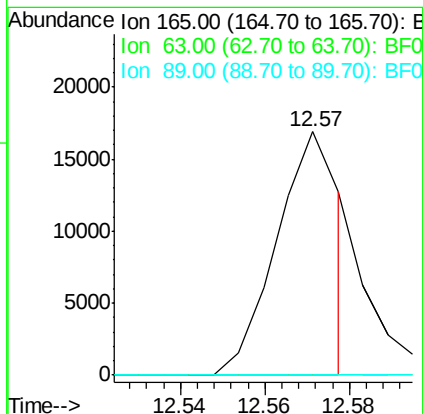
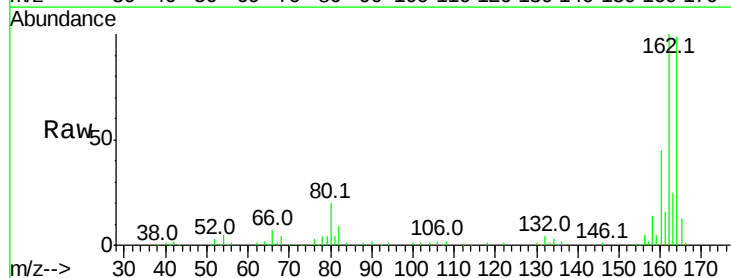
Instrument :
 BNA_F
 ClientSampleId :

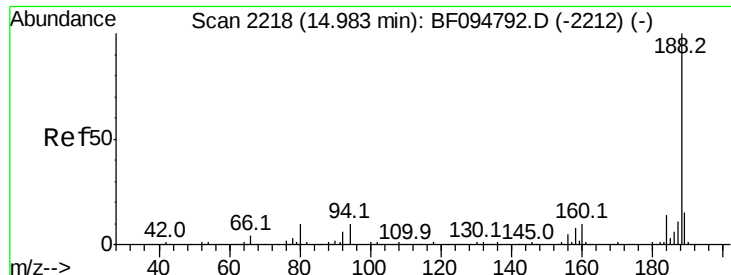
Tot Ion:172 Resp: 1079814
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.4 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 6.02 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. 0.26 min
 Lab File: BF094901.D
 Acq: 5 May 2017 6:24

Tgt Ion:165 Resp: 17578
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

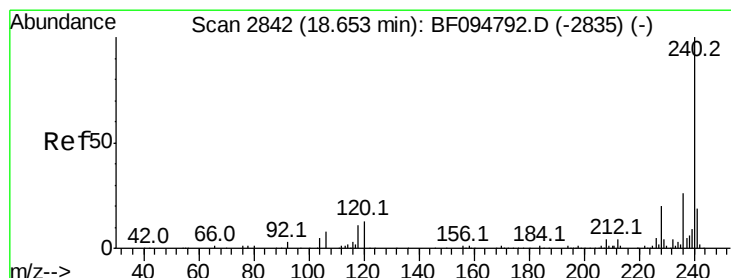
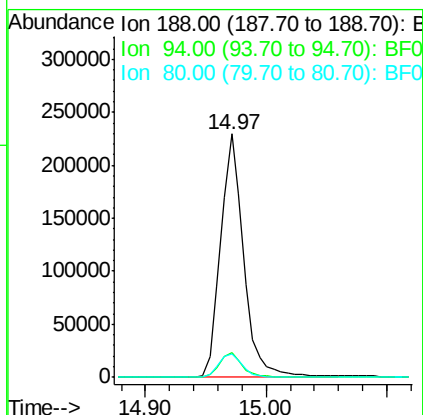
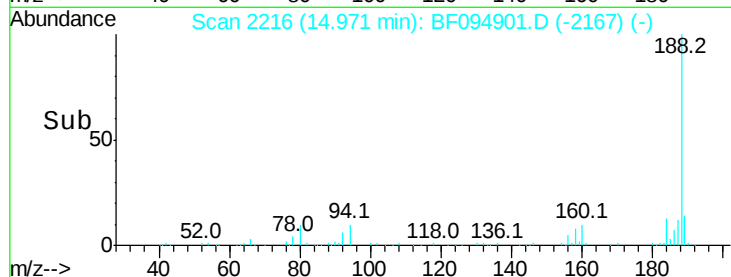
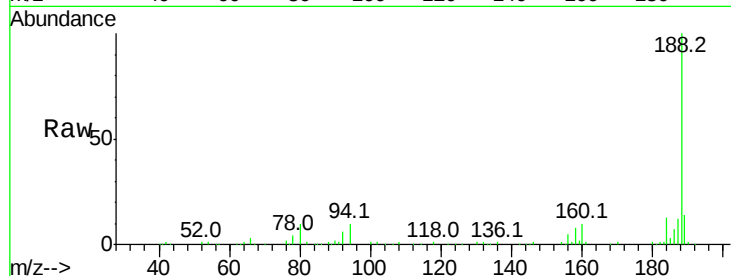




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094901.D
 Acq: 5 May 2017 6:24

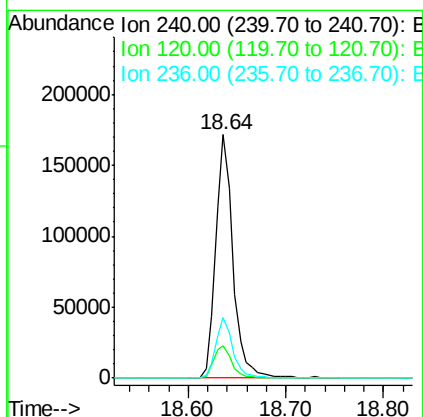
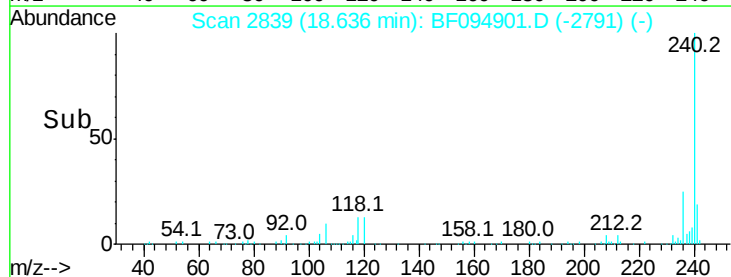
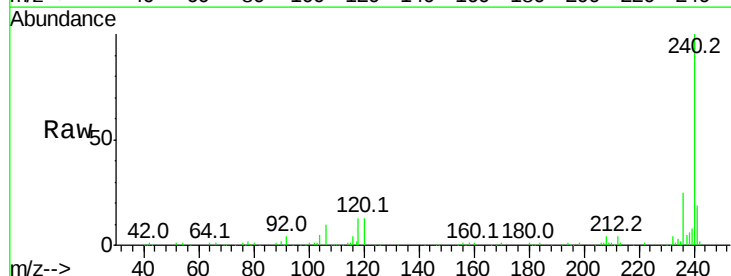
Instrument :
 BNA_F
 ClientSampleId :

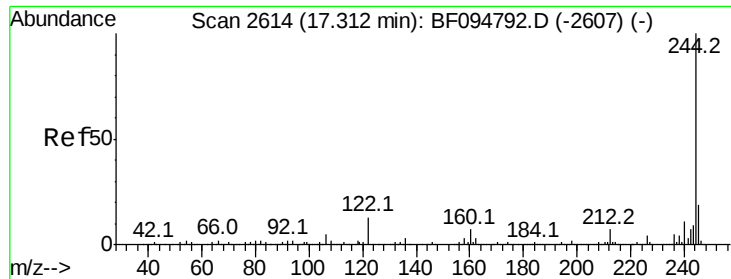
Tot Ion:188 Resp: 303359
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 9.5 10.2 15.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094901.D
 Acq: 5 May 2017 6:24

Tgt Ion:240 Resp: 211328
 Ion Ratio Lower Upper
 240 100
 120 13.2 5.8 8.8#
 236 24.9 20.5 30.7





#78

Terphenyl-d14

Concen: 90.76 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094901.D

Acq: 5 May 2017 6:24

Instrument :

BNA_F

ClientSampled :

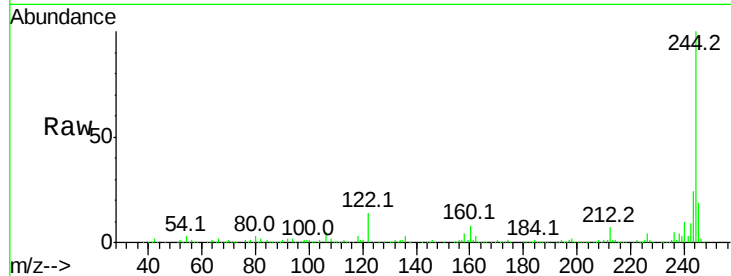
Tot Ion:244 Resp: 870839

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

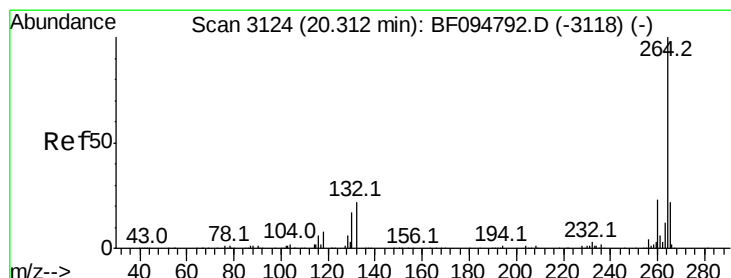
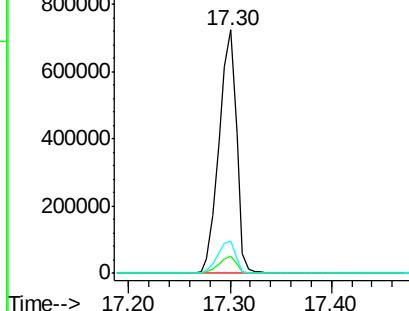
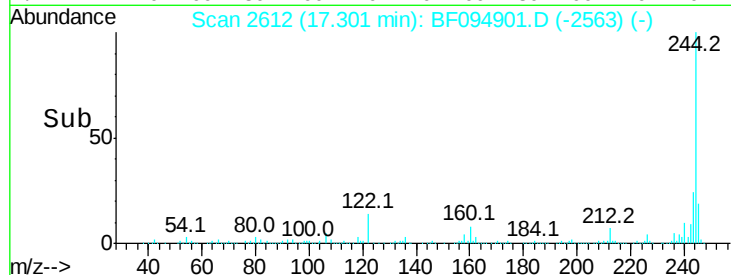
122 13.5 10.3 15.5



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: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF094901.D

Acq: 5 May 2017 6:24

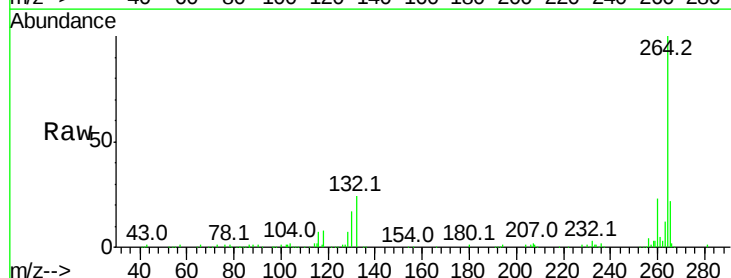
Tgt Ion:264 Resp: 183409

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 21.6 17.2 25.8



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

