

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089893.D
 Acq On : 25 Aug 2016 1:06
 Operator : UM/SJ
 Sample : H4576-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15A-(18-20)

Quant Time: Aug 25 15:40:16 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

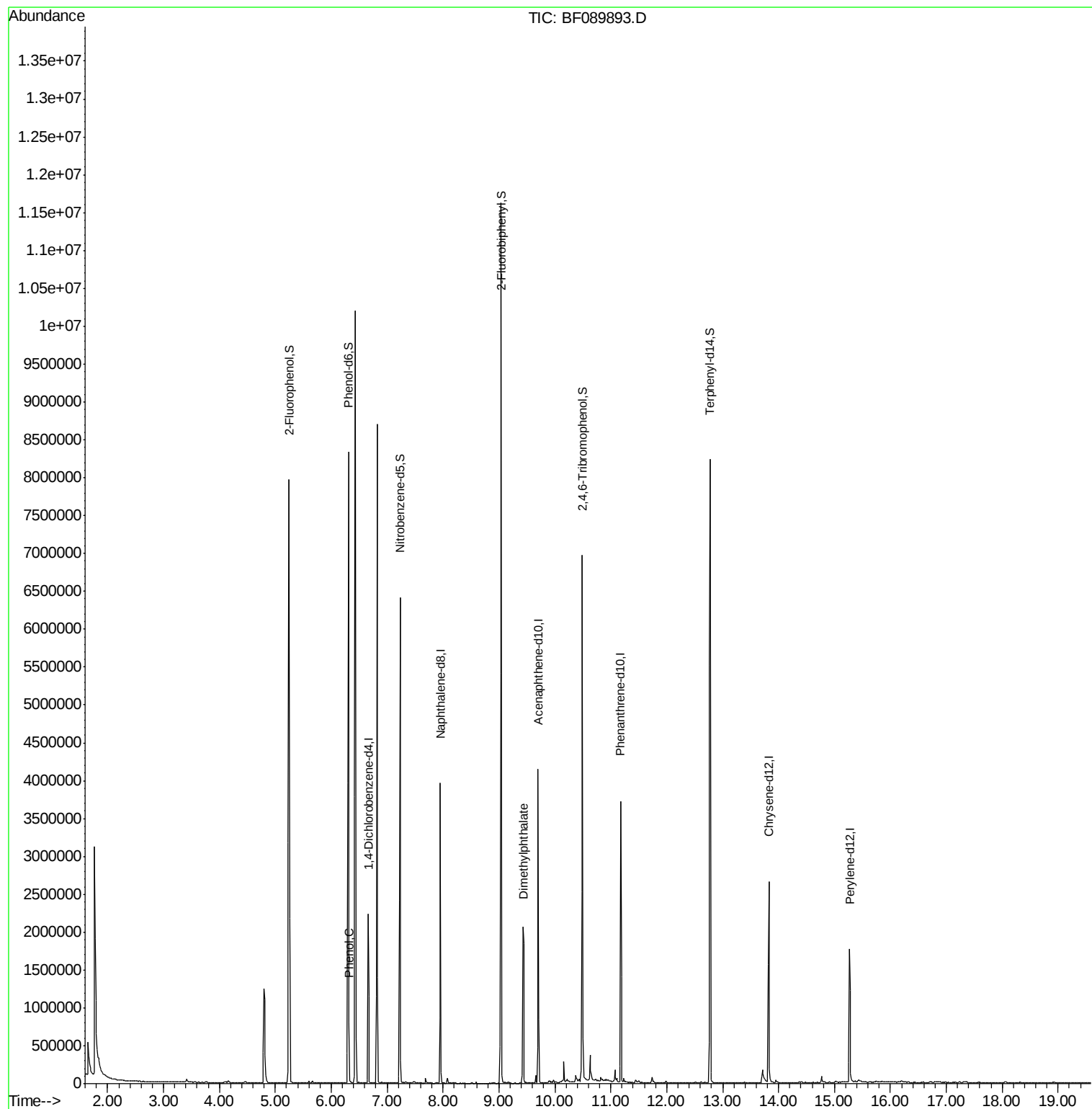
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	397640	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1744524	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	808294	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1449105	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1118059	20.00	ng	-0.05
86) Perylene-d12	15.27	264	878335	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2945028	127.01	ng	-0.01
7) Phenol-d6	6.31	99	3483887	122.40	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2228898	79.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	871008	113.39	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3989544	86.75	ng	-0.01
78) Terphenyl-d14	12.78	244	3191065	64.57	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	114921	3.44	ng	Qvalue 79
49) Dimethylphthalate	9.44	163	1341230	23.57	ng	# 97

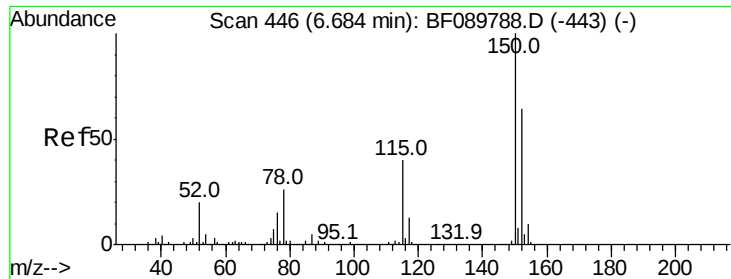
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)

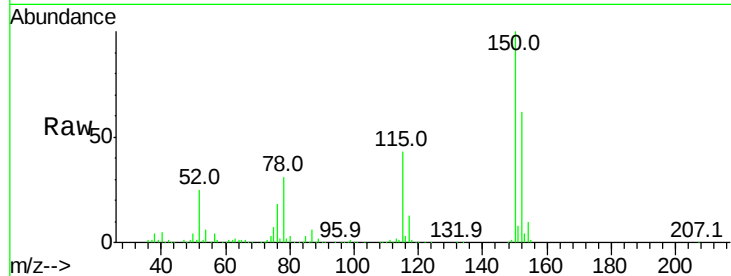
Tot Ion:152 Resp: 397640

Ion Ratio Lower Upper

152 100

150 162.3 125.3 187.9

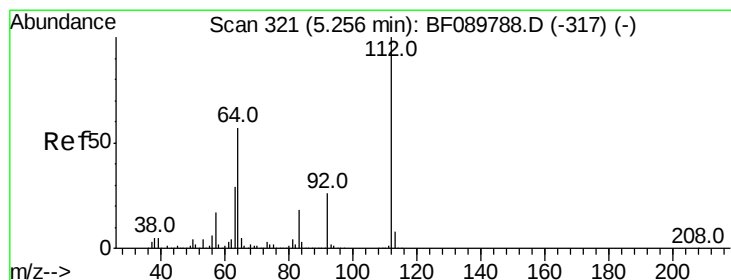
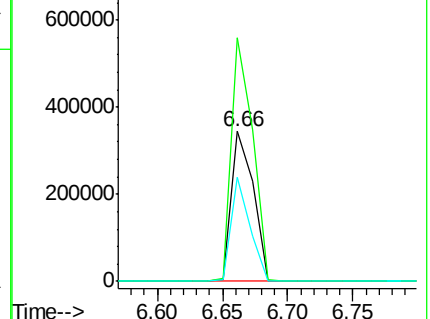
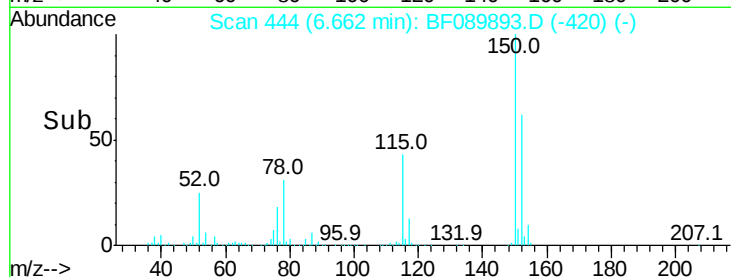
115 69.2 40.9 61.3#



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: 127.01 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

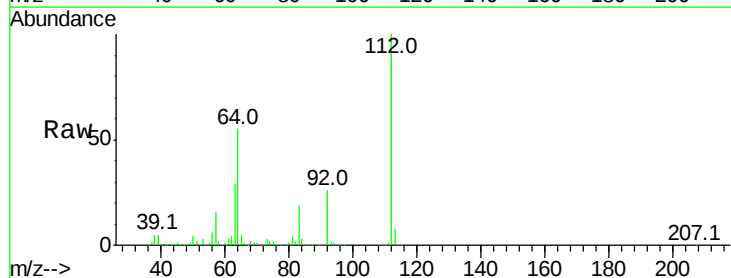
Tgt Ion:112 Resp: 2945028

Ion Ratio Lower Upper

112 100

64 55.4 45.0 67.4

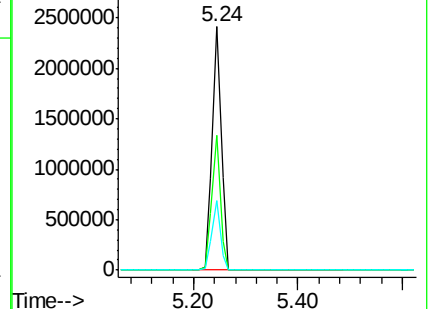
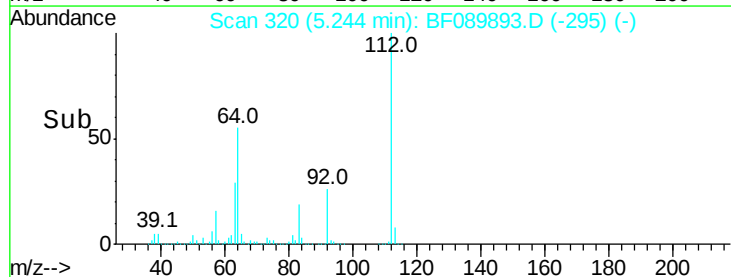
63 28.6 23.1 34.7

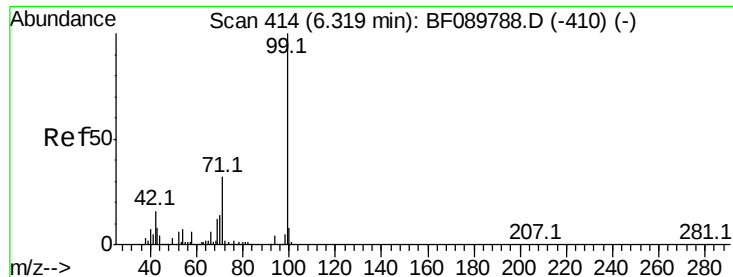


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.40 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)

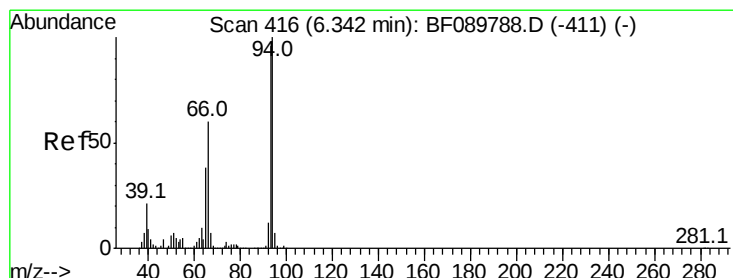
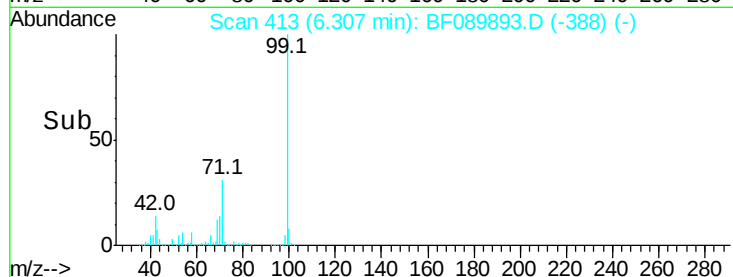
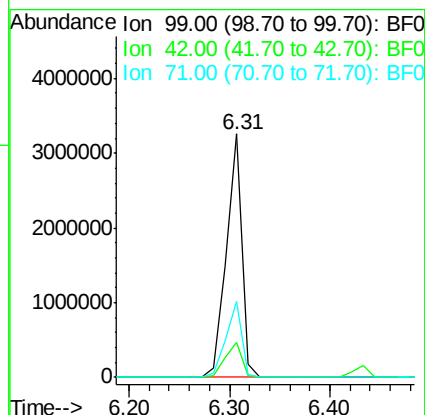
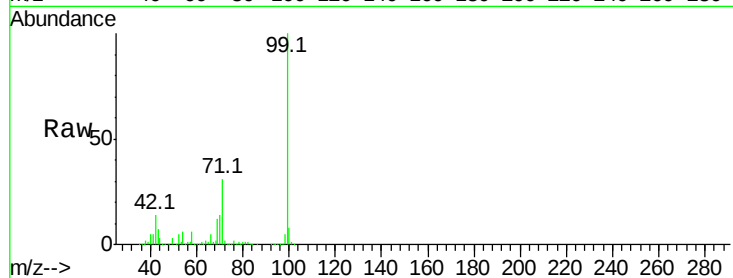
Tot Ion: 99 Resp: 3483887

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.4

71 31.2 23.8 35.8



#10

Phenol

Concen: 3.44 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

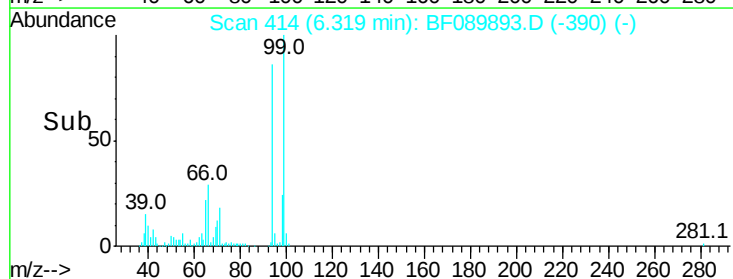
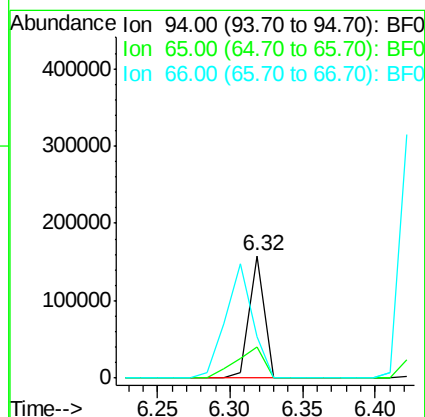
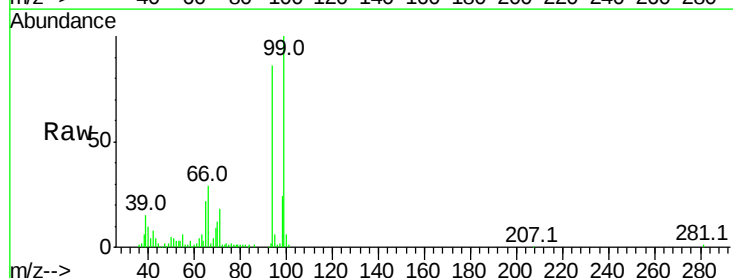
Tgt Ion: 94 Resp: 114921

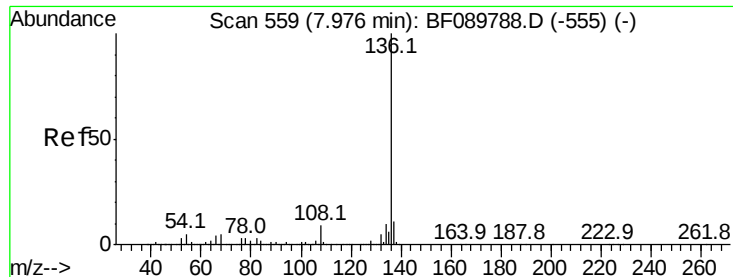
Ion Ratio Lower Upper

94 100

65 25.5 14.0 54.0

66 33.8 31.2 71.2

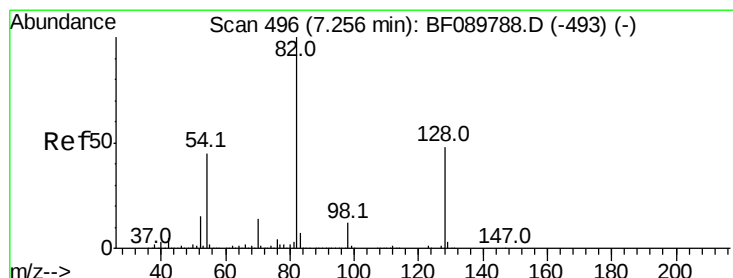
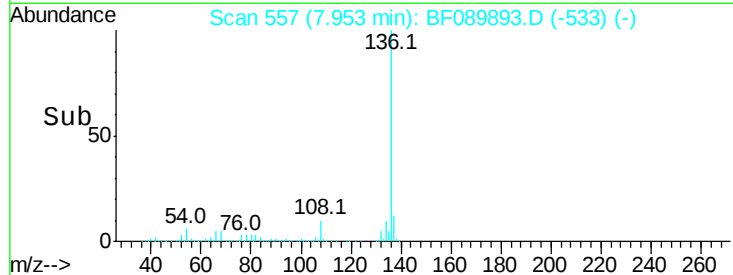
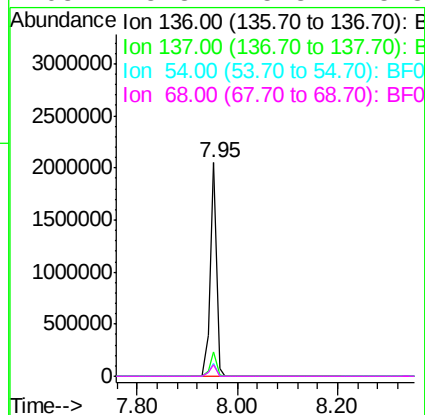
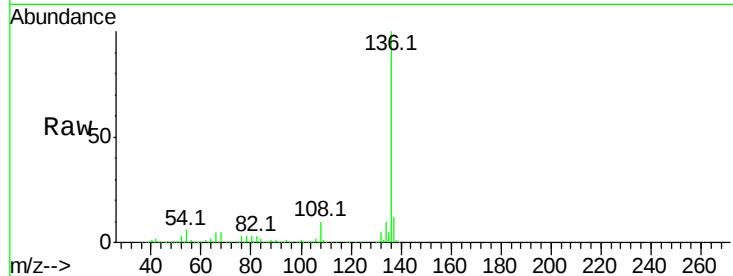




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089893.D
Acq: 25 Aug 2016 1:06

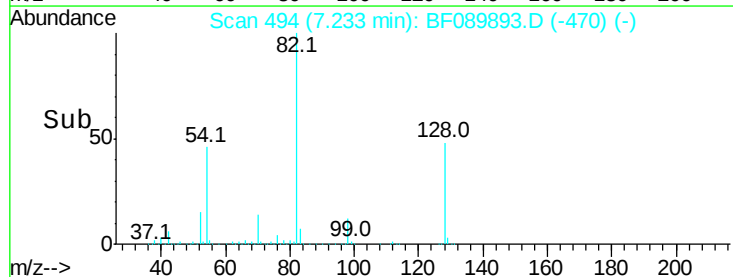
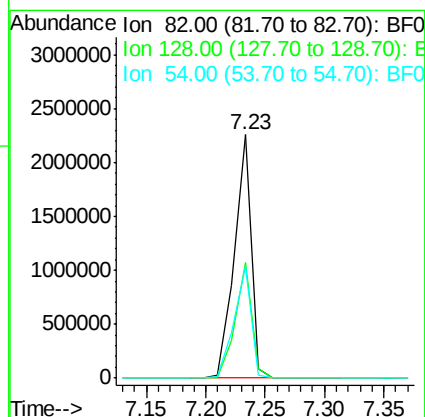
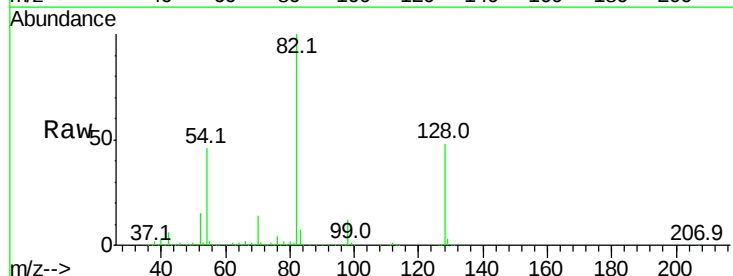
Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)

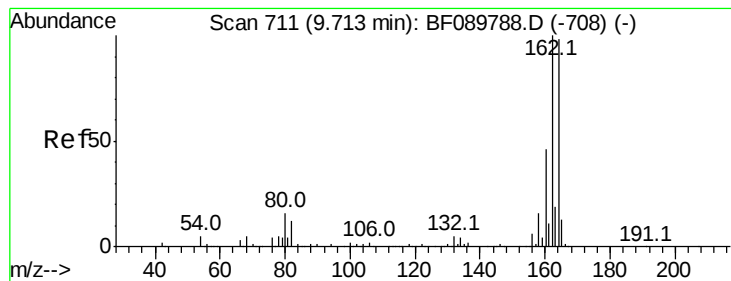
Tot Ion:136 Resp: 1744524
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 6.0 7.2 10.8#
68 5.3 5.8 8.8#



#23
Nitrobenzene-d5
Concen: 79.37 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089893.D
Acq: 25 Aug 2016 1:06

Tgt Ion: 82 Resp: 2228898
Ion Ratio Lower Upper
82 100
128 47.7 34.4 51.6
54 46.0 40.3 60.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)

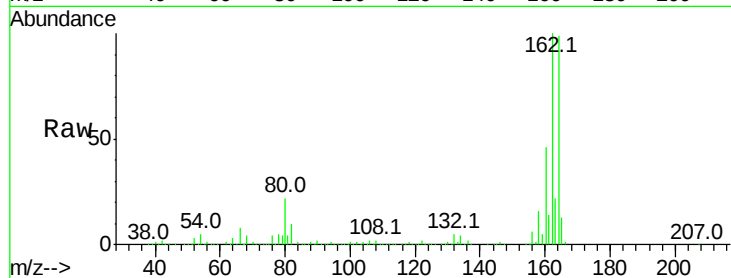
Tot Ion:164 Resp: 808294

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.2

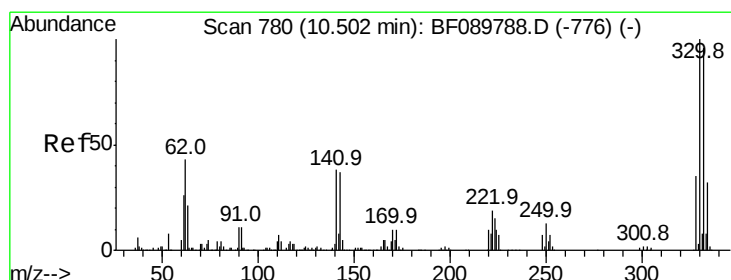
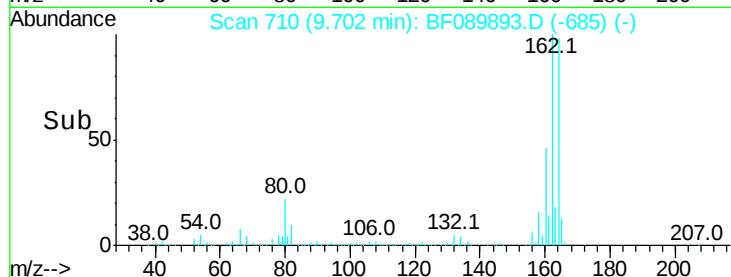
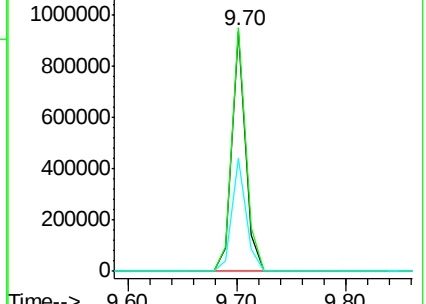
160 46.9 37.8 56.6



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: 113.39 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

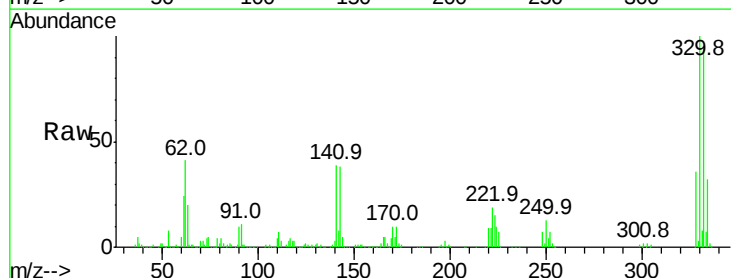
Tgt Ion:330 Resp: 871008

Ion Ratio Lower Upper

330 100

332 95.7 76.7 115.1

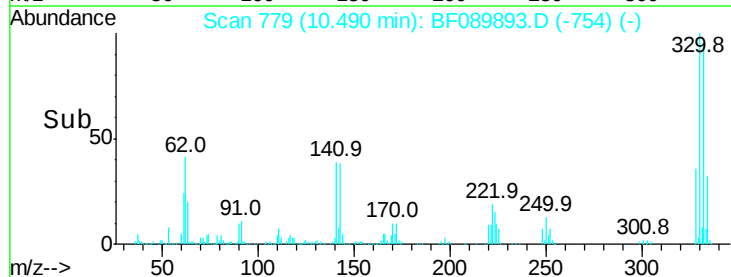
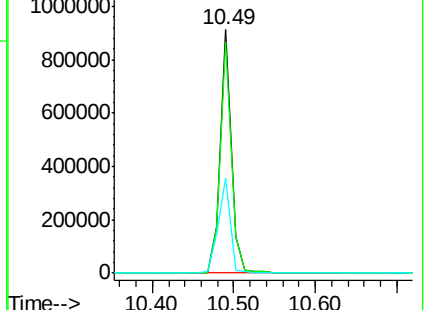
141 42.0 30.2 45.2

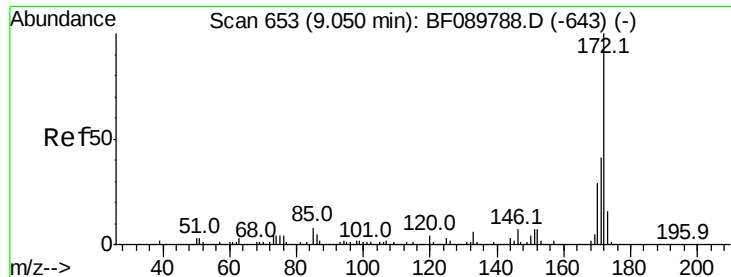


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 86.75 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

Instrument :

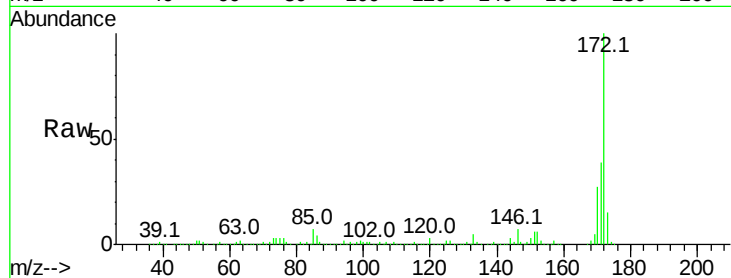
BNA_F

ClientSampleId :

SB-15A-(18-20)

Tot Ion:172 Resp: 3989544

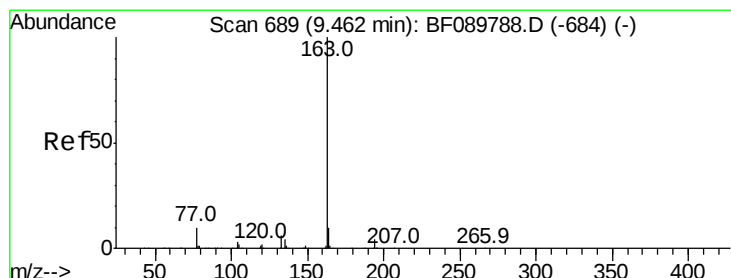
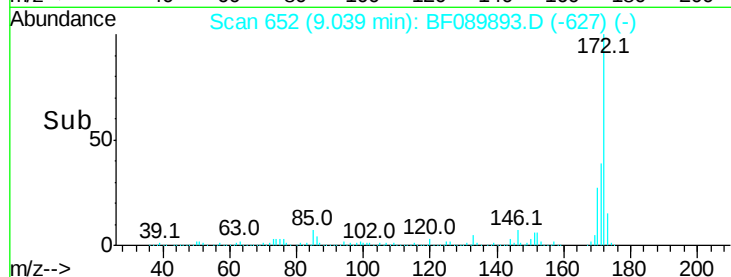
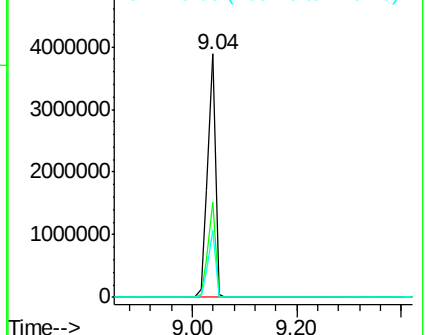
Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.5	45.7
170	27.4	20.6	31.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 23.57 ng

RT: 9.44 min Scan# 687

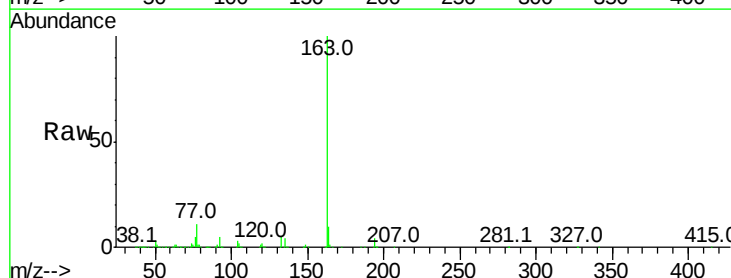
Delta R.T. -0.02 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

Tgt Ion:163 Resp: 1341230

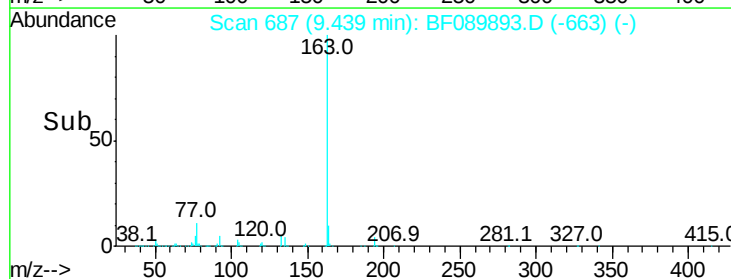
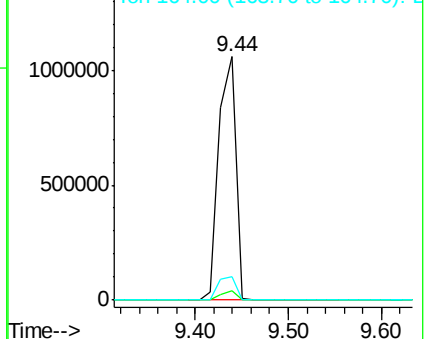
Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	3.8#
164	9.6	8.6	12.8

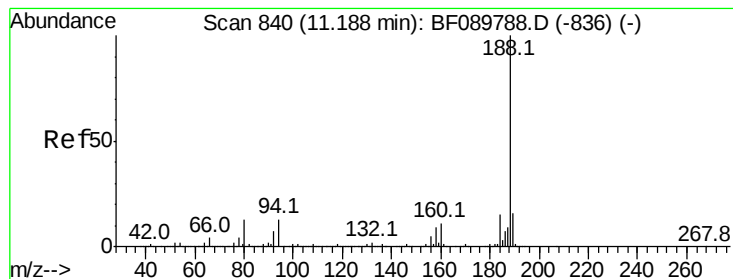


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

Instrument :

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ClientSampleId :

SB-15A-(18-20)

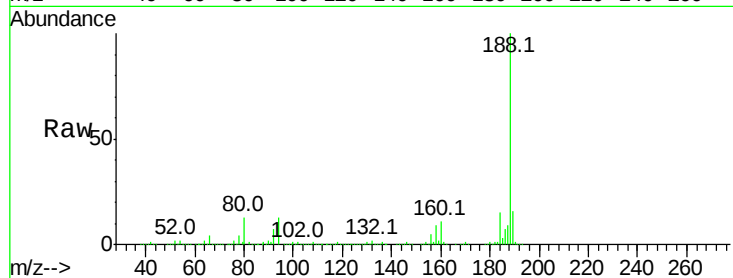
Tot Ion:188 Resp: 1449105

Ion Ratio Lower Upper

188 100

94 12.5 10.2 15.2

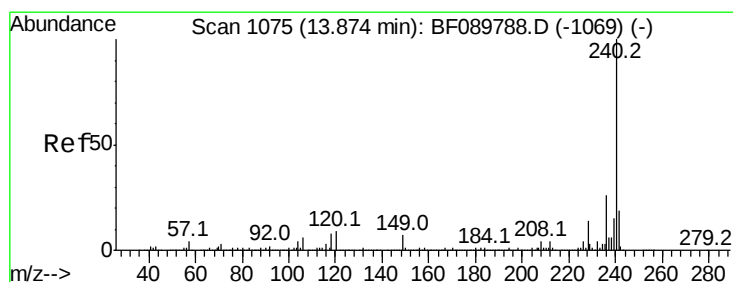
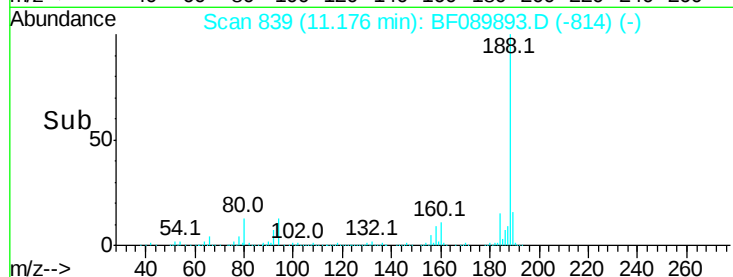
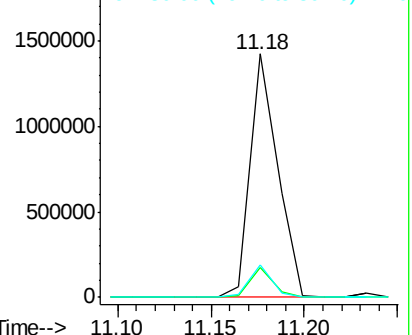
80 13.3 10.9 16.3



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

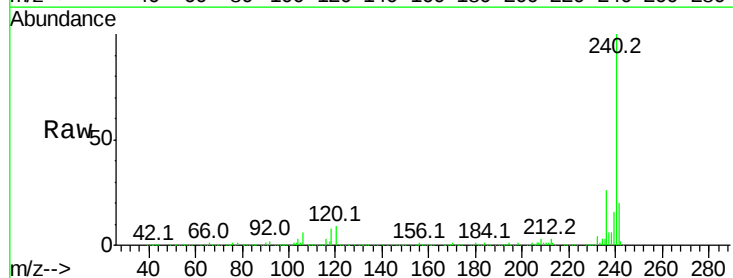
Tgt Ion:240 Resp: 1118059

Ion Ratio Lower Upper

240 100

120 9.3 8.3 12.5

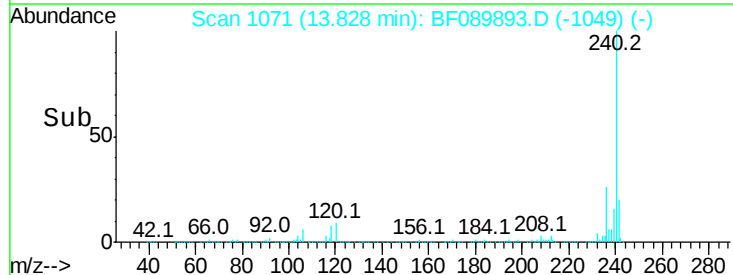
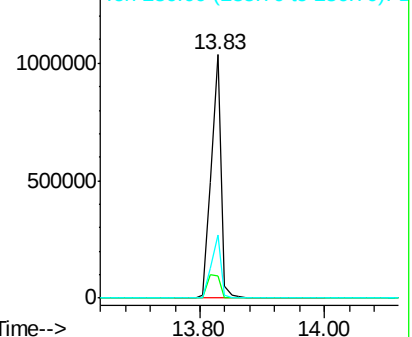
236 25.9 21.3 31.9

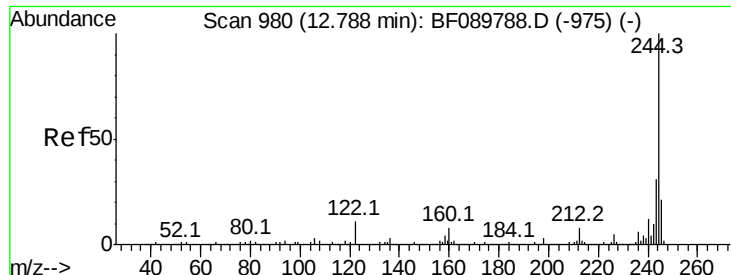


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.57 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

Instrument :

BNA_F

ClientSampleId :

SB-15A-(18-20)

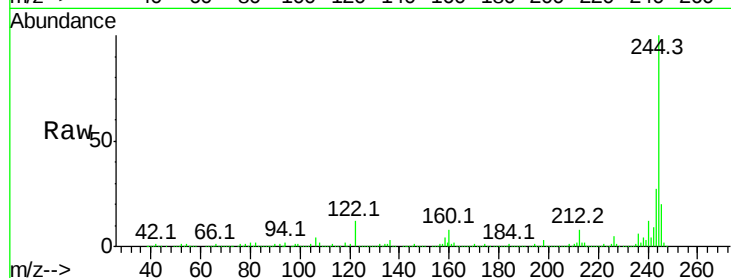
Tot Ion:244 Resp: 3191065

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

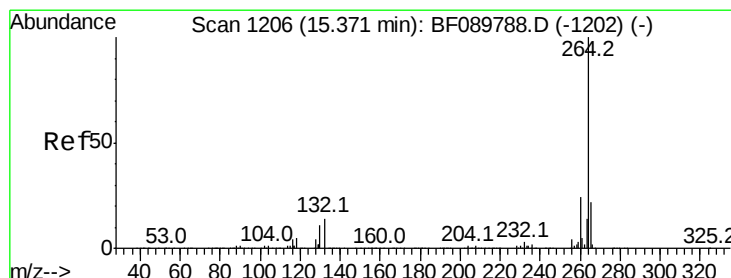
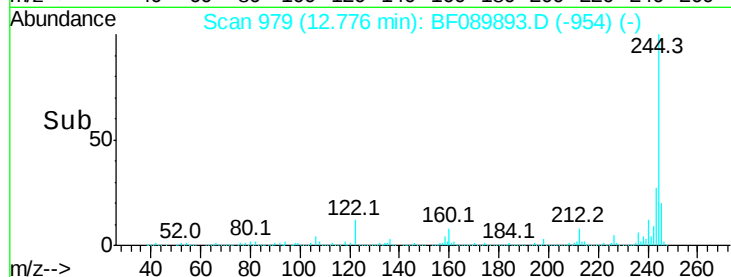
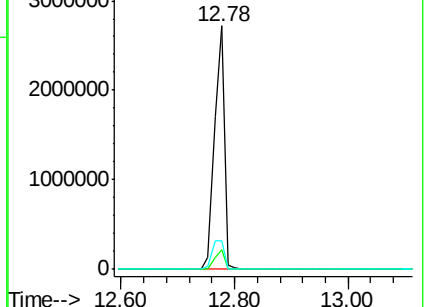
122 11.7 12.0 18.0#



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: 15.27 min Scan# 1197

Delta R.T. -0.10 min

Lab File: BF089893.D

Acq: 25 Aug 2016 1:06

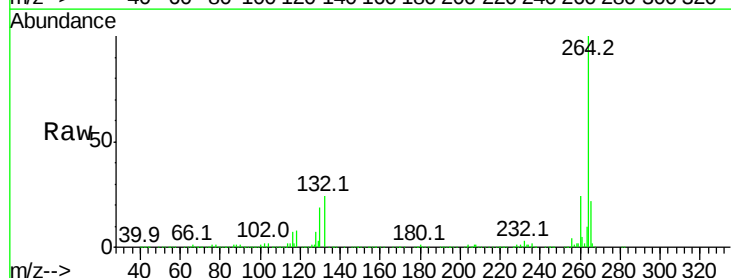
Tgt Ion:264 Resp: 878335

Ion Ratio Lower Upper

264 100

260 23.8 20.2 30.2

265 21.7 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

