

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091117\
 Data File : BE093957.D
 Acq On : 11 Sep 2017 11:37
 Operator : SJ/JU
 Sample : PB102204BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB102204BL

Quant Time: Sep 12 07:58:23 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 13:34:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2018	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	9244	0.40	ng	0.02
13) Acenaphthene-d10	14.54	164	5725	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	15962	0.40	ng	0.00
27) Chrysene-d12	21.43	240	16176	0.40	ng	0.00
34) Perylene-d12	23.94	264	12340	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.53	112	1746	0.27	ng	0.00
5) Phenol-d6	7.13	99	1962	0.20	ng	0.01
8) Nitrobenzene-d5	9.10	82	1934	0.25	ng	0.02
11) 2-Methylnaphthalene-d10	12.33	152	4096	0.28	ng	0.03
14) 2,4,6-Tribromophenol	16.06	330	293	0.17	ng	0.03
15) 2-Fluorobiphenyl	13.19	172	5312	0.23	ng	0.03
25) Fluoranthene-d10	19.29	212	48297	0.20	ng	0.00
29) Terphenyl-d14	19.87	244	9015	0.30	ng	0.00

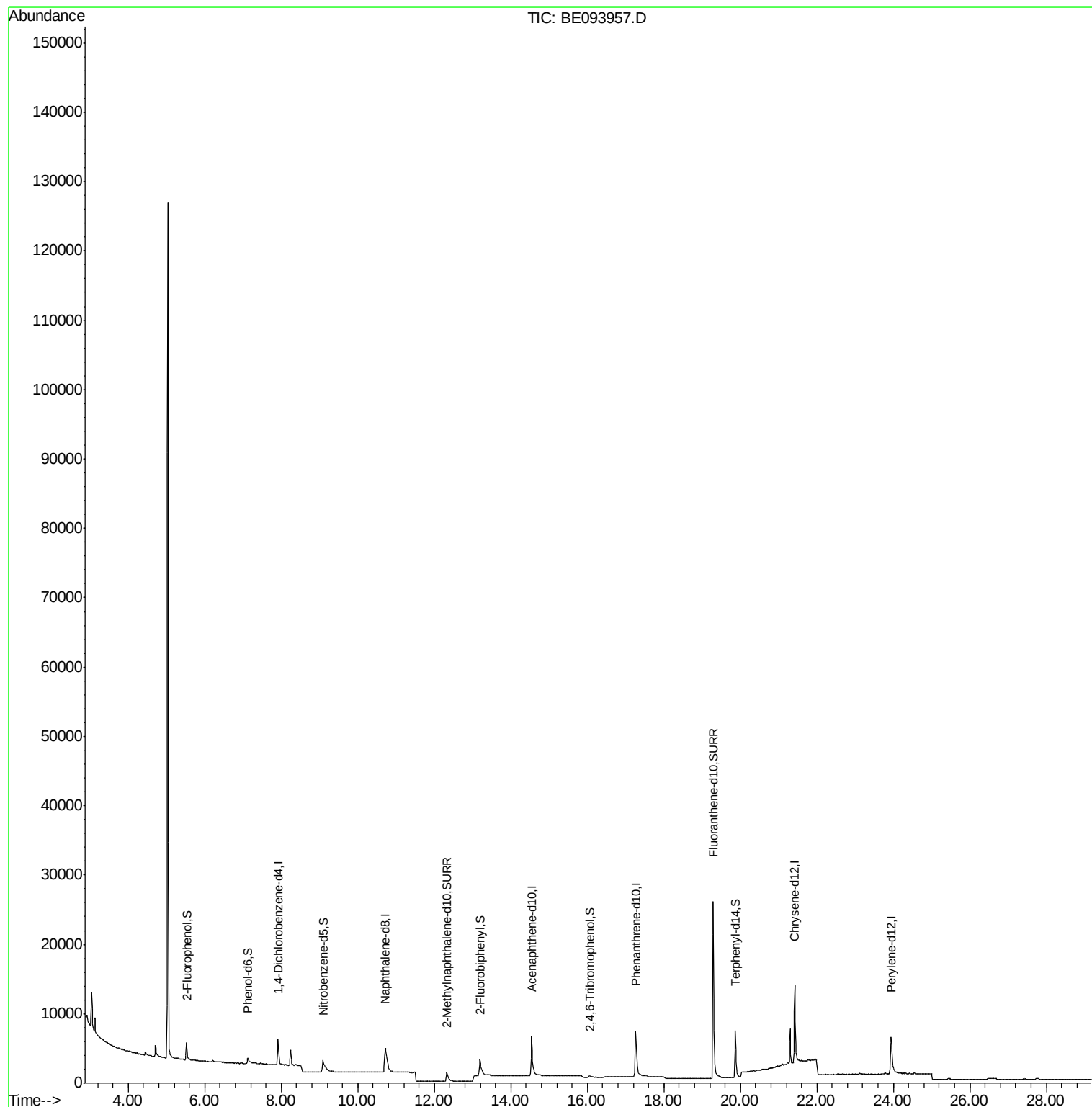
Target Compounds	Qvalue
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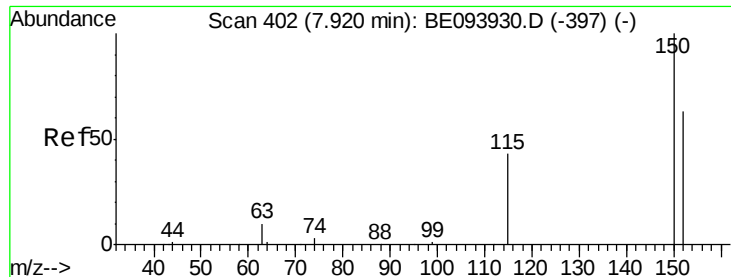
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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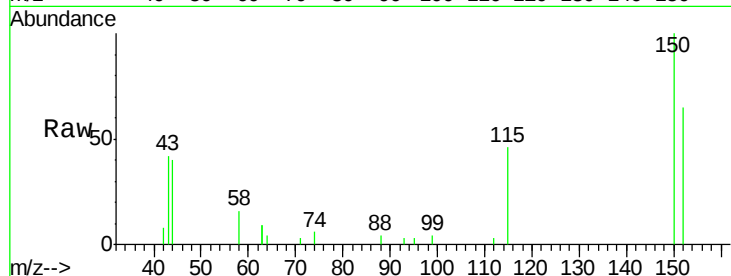


#1

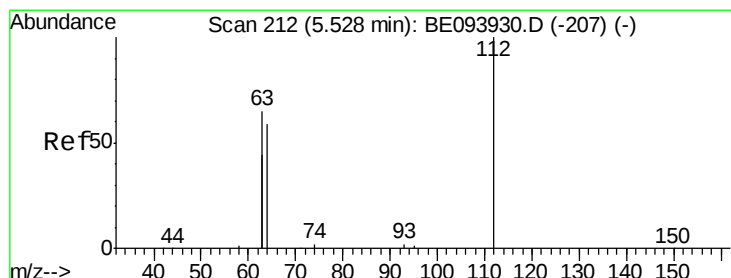
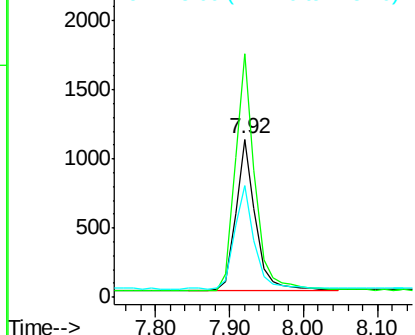
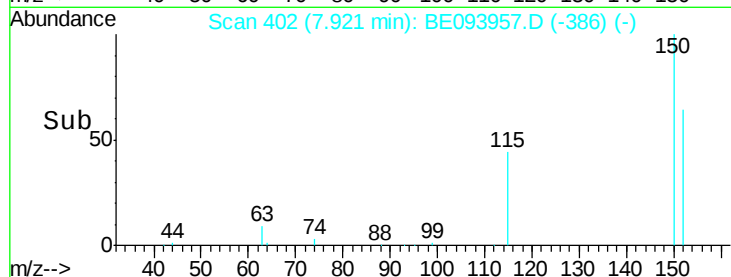
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.92 min Scan# 402
Delta R.T. 0.00 min
Lab File: BE093957.D
Acq: 11 Sep 2017 11:37

Instrument :
BNA_E
ClientSampleId :
PB102204BL

Tgt Ion:152 Resp: 2018
Ion Ratio Lower Upper
152 100
150 154.1 121.8 182.6
115 70.9 52.6 79.0



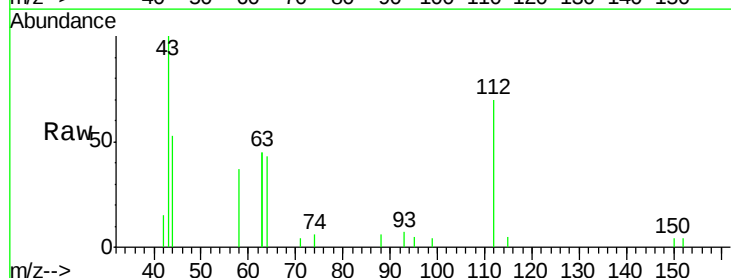
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



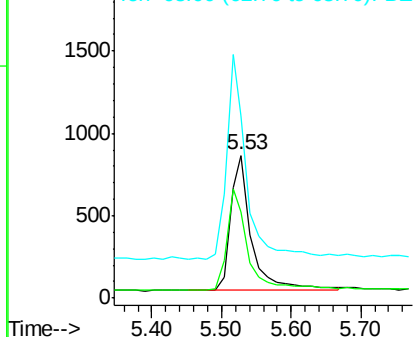
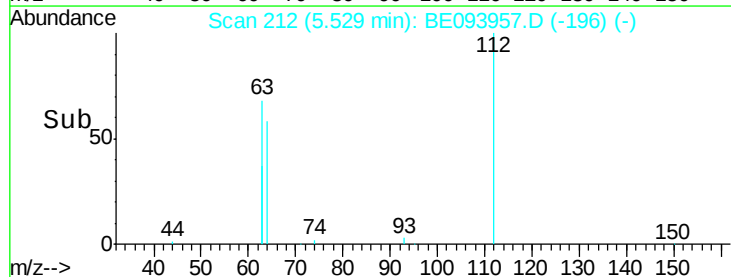
#4

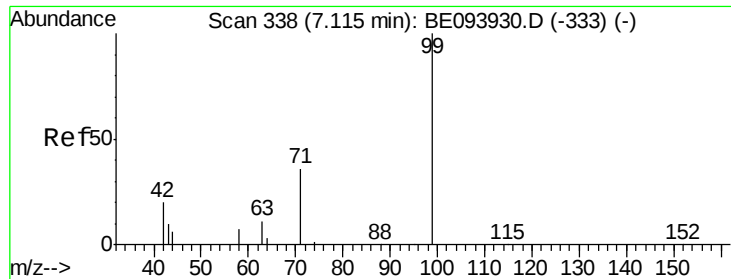
2-Fluorophenol
Concen: 0.267 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093957.D
Acq: 11 Sep 2017 11:37

Tgt Ion:112 Resp: 1746
Ion Ratio Lower Upper
112 100
64 73.0 57.7 86.5
63 144.3 116.0 174.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.200 ng

RT: 7.13 min Scan# 339

Delta R.T. 0.01 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Instrument :

BNA_E

ClientSampleId :

PB102204BL

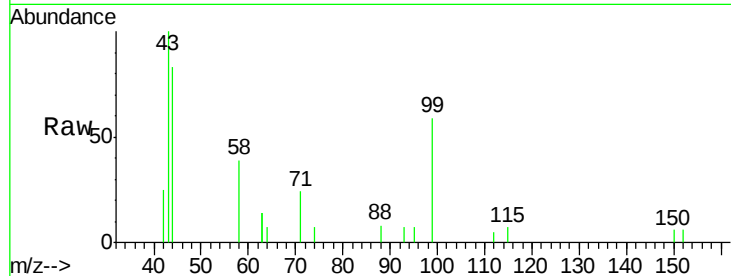
Tgt Ion: 99 Resp: 1962

Ion Ratio Lower Upper

99 100

42 19.8 17.1 25.7

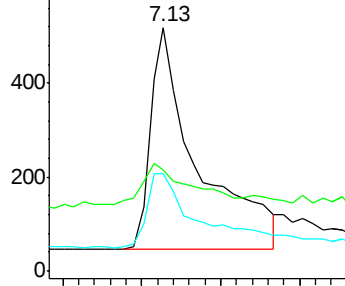
71 36.5 26.6 39.8



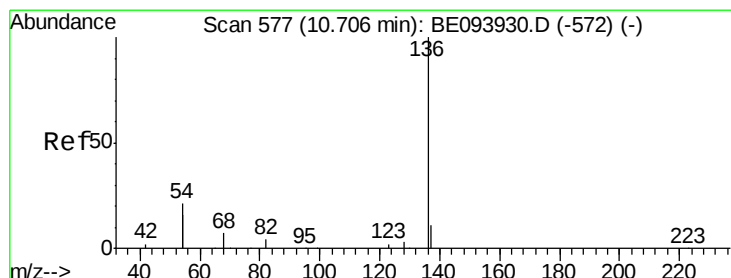
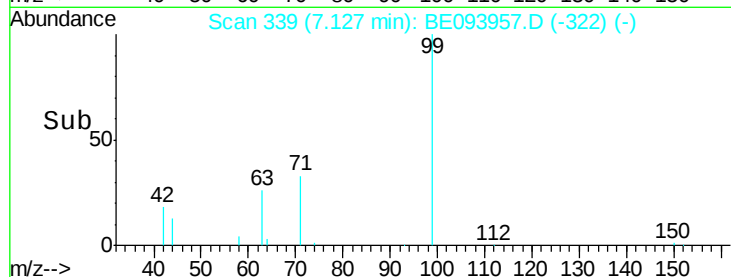
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.02 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Tgt Ion: 136 Resp: 9244

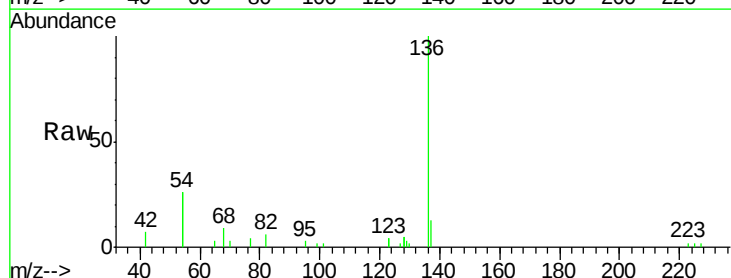
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 52.4 21.9 32.9#

68 9.4 4.6 7.0#

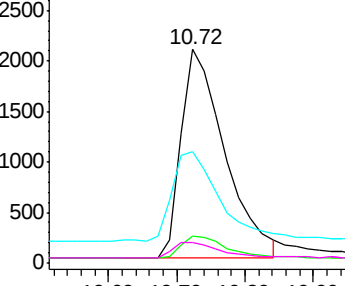


Abundance Ion 136.00 (135.70 to 136.70): E

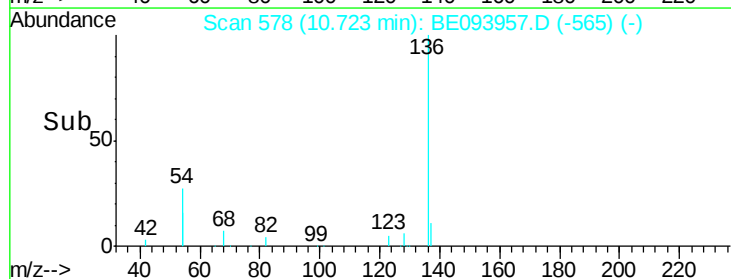
Ion 137.00 (136.70 to 137.70): E

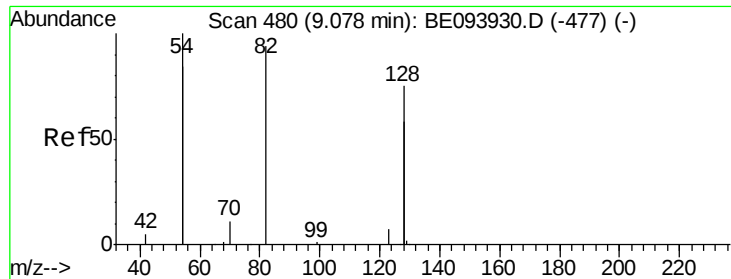
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->

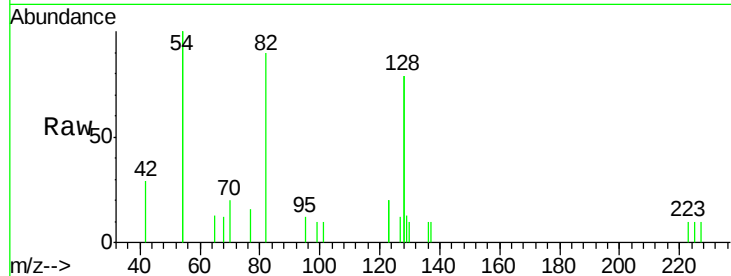




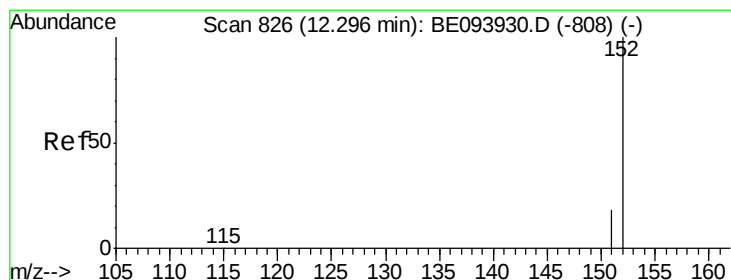
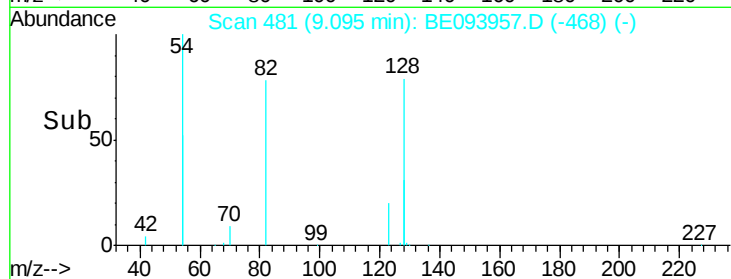
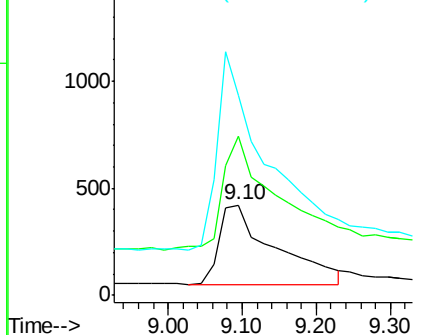
#8
 Nitrobenzene-d5
 Concen: 0.247 ng
 RT: 9.10 min Scan# 481
 Delta R.T. 0.02 min
 Lab File: BE093957.D
 Acq: 11 Sep 2017 11:37

Instrument :
 BNA_E
 ClientSampleId :
 PB102204BL

Tgt Ion: 82 Resp: 1934
 Ion Ratio Lower Upper
 82 100
 128 176.2 91.4 137.0#
 54 222.8 197.8 296.8

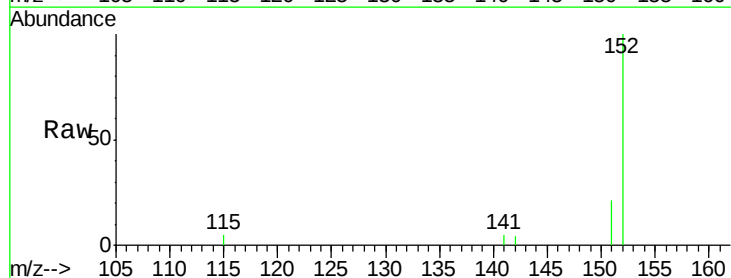


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

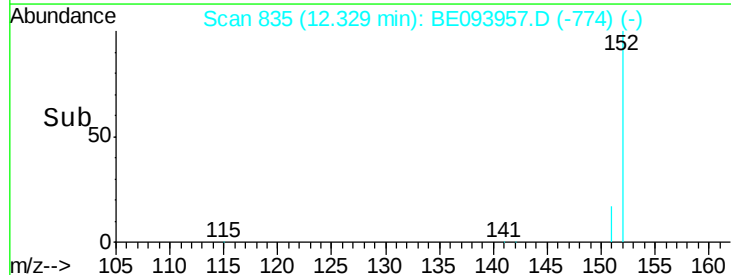
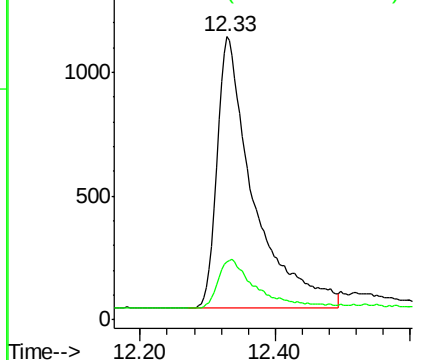


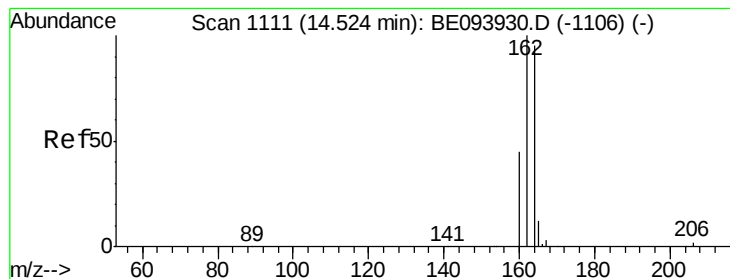
#11
 2-Methylnaphthalene-d10
 Concen: 0.277 ng
 RT: 12.33 min Scan# 835
 Delta R.T. 0.03 min
 Lab File: BE093957.D
 Acq: 11 Sep 2017 11:37

Tgt Ion: 152 Resp: 4096
 Ion Ratio Lower Upper
 152 100
 151 18.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.54 min Scan# 1113

Delta R.T. 0.02 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Instrument :

BNA_E

ClientSampleId :

PB102204BL

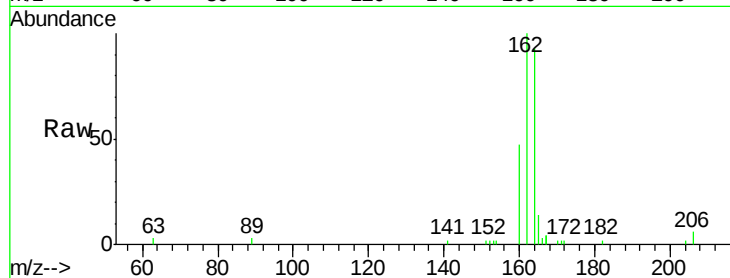
Tgt Ion:164 Resp: 5725

Ion Ratio Lower Upper

164 100

162 107.3 80.8 121.2

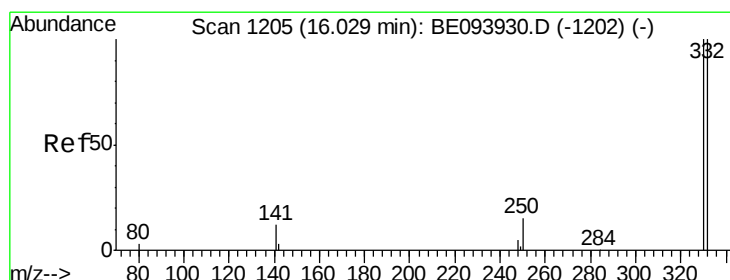
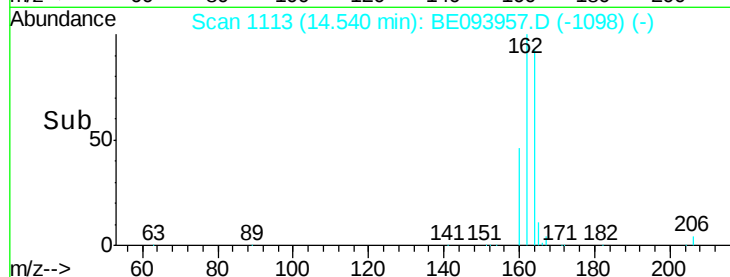
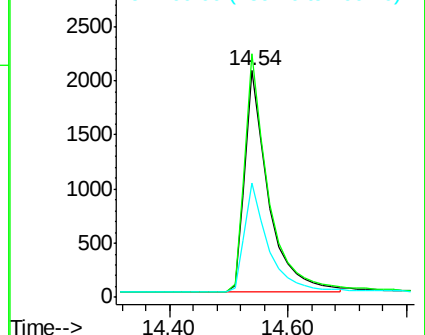
160 50.4 37.0 55.4



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



#14

2,4,6-Tribromophenol

Concen: 0.165 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

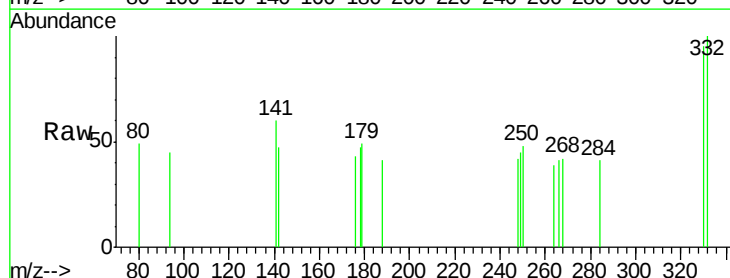
Tgt Ion:330 Resp: 293

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

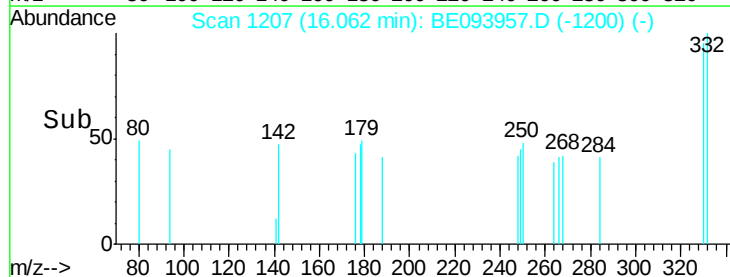
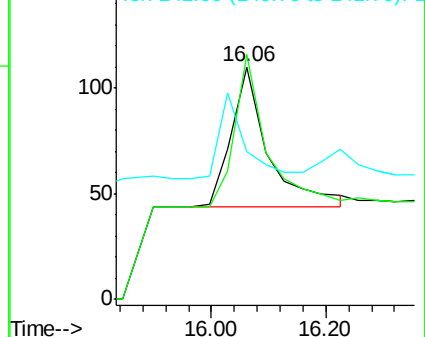
141 0.0 0.0 0.0

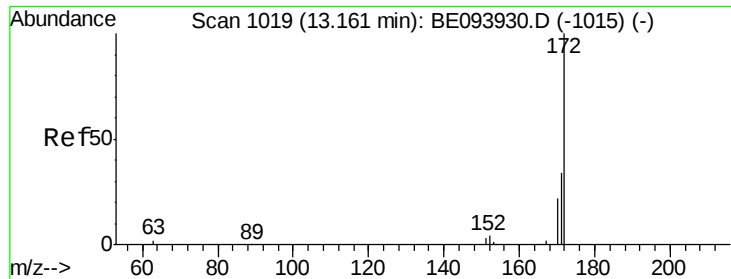


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

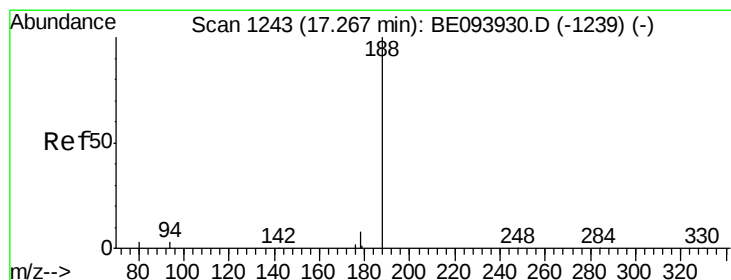
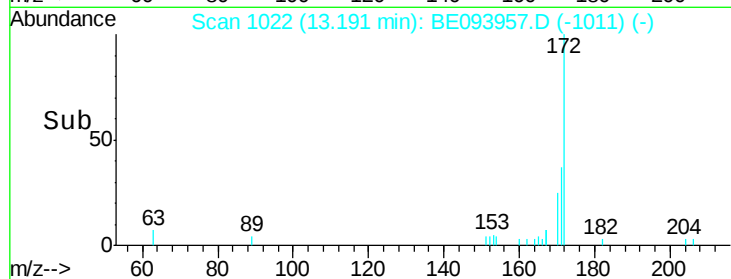
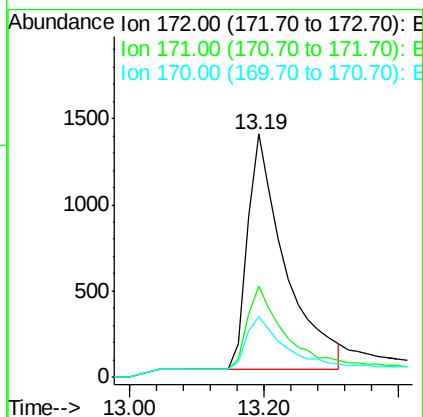
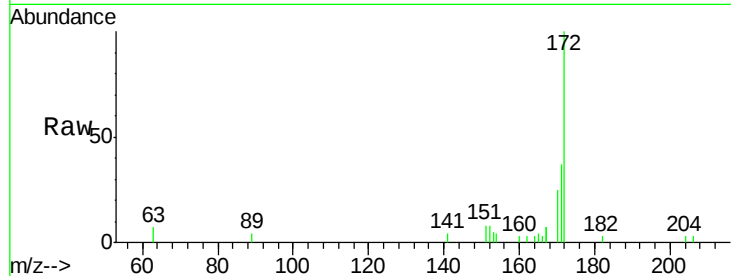




#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 13.19 min Scan# 1022
Delta R.T. 0.03 min
Lab File: BE093957.D
Acq: 11 Sep 2017 11:37

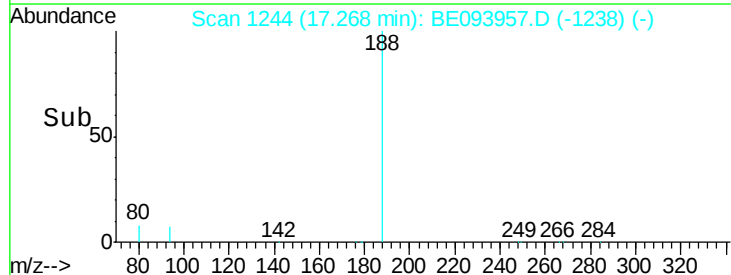
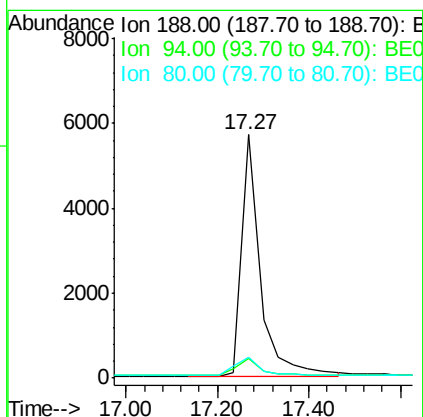
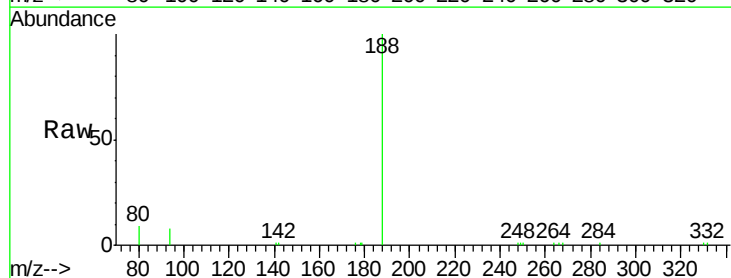
Instrument :
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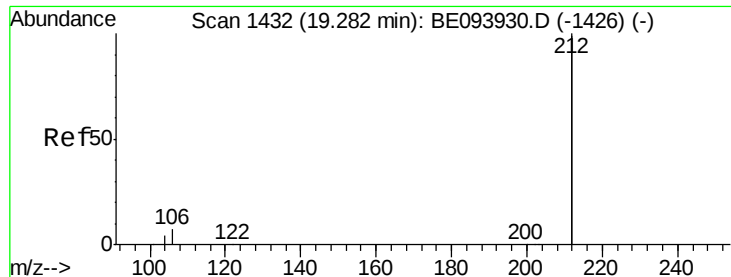
Tgt Ion:172 Resp: 5312
Ion Ratio Lower Upper
172 100
171 37.3 26.9 40.3
170 24.8 17.3 25.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093957.D
Acq: 11 Sep 2017 11:37

Tgt Ion:188 Resp: 15962
Ion Ratio Lower Upper
188 100
94 8.3 16.1 24.1#
80 8.6 18.2 27.2#

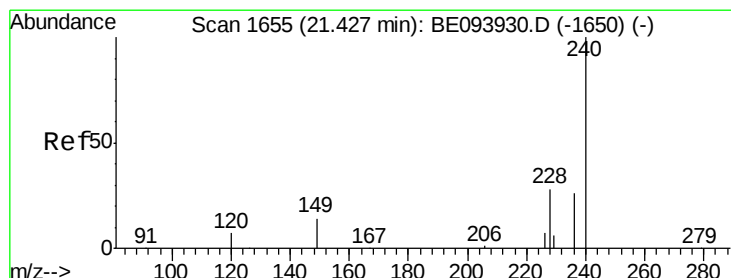
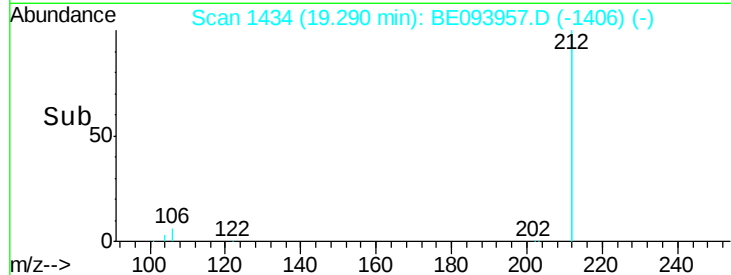
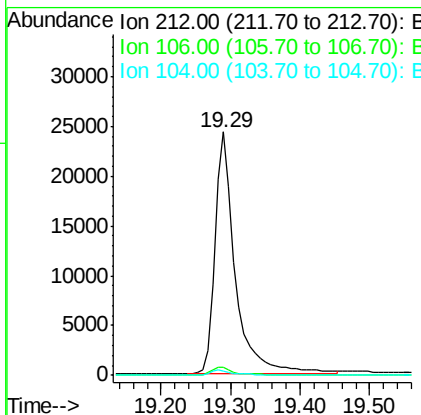
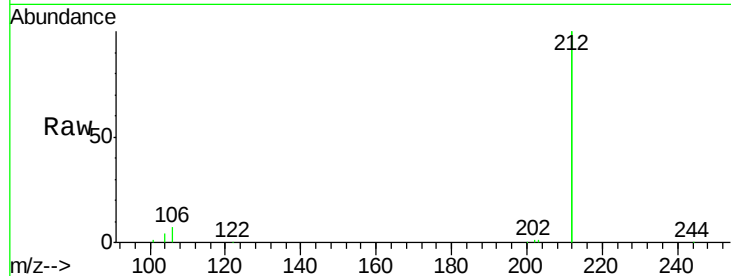




#25
 Fluoranthene-d10
 Concen: 0.203 ng
 RT: 19.29 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BE093957.D
 Acq: 11 Sep 2017 11:37

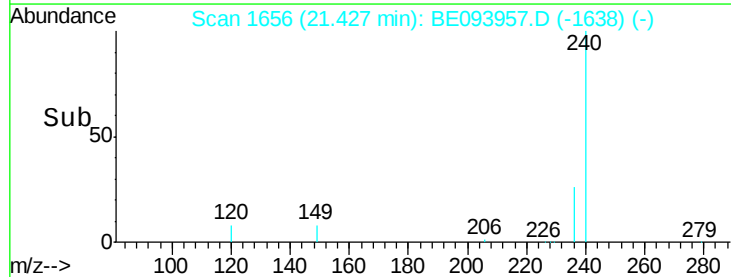
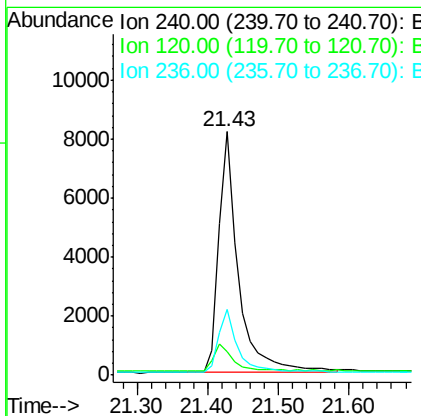
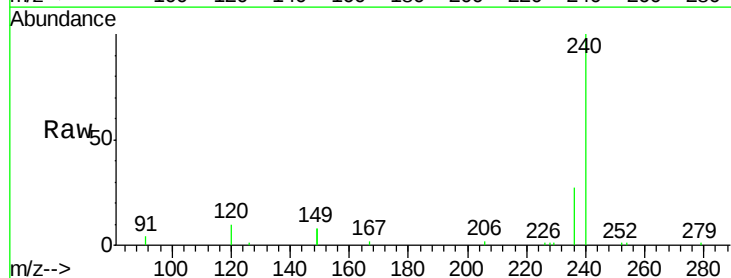
Instrument :
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 PB102204BL

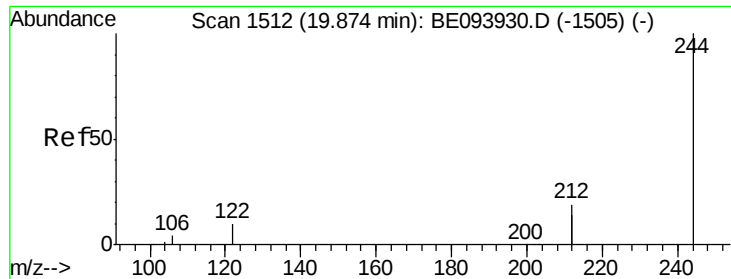
Tgt Ion: 212 Resp: 48297
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.7 4.1
 104 1.9 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: BE093957.D
 Acq: 11 Sep 2017 11:37

Tgt Ion: 240 Resp: 16176
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.7 13.1
 236 26.8 21.3 31.9





#29

Terphenyl-d14

Concen: 0.303 ng

RT: 19.87 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

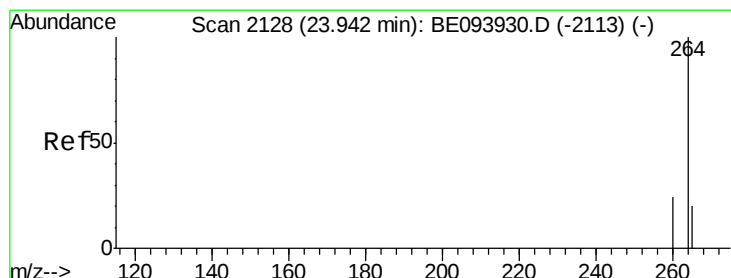
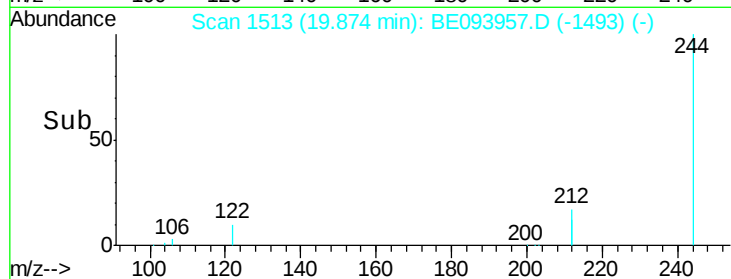
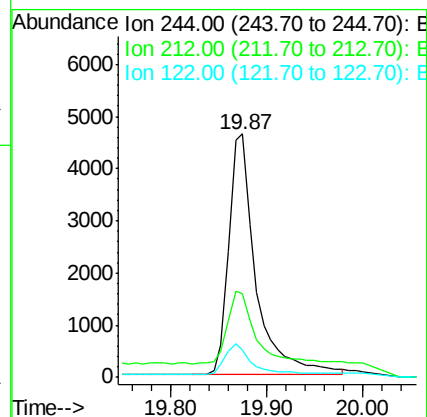
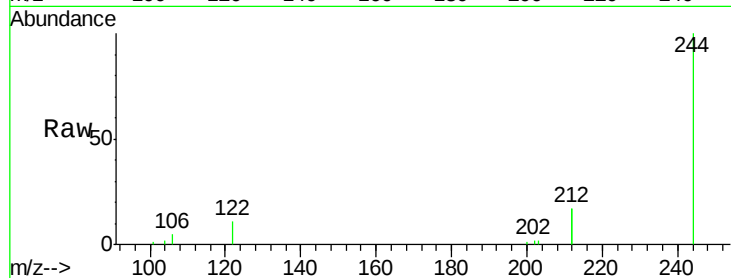
Instrument :

BNA_E

ClientSampleId :

PB102204BL

Tgt Ion:	244	Resp:	9015
Ion	Ratio	Lower	Upper
244	100		
212	34.4	28.3	42.5
122	11.1	9.4	14.0



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BE093957.D

Acq: 11 Sep 2017 11:37

Tgt Ion:	264	Resp:	12340
Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.0	30.0
265	34.9	24.0	36.0

