

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031419\
 Data File : BE098940.D
 Acq On : 14 Mar 2019 11:24
 Operator : JU/SJ
 Sample : K1860-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-20190311DL

Quant Time: Mar 15 05:37:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

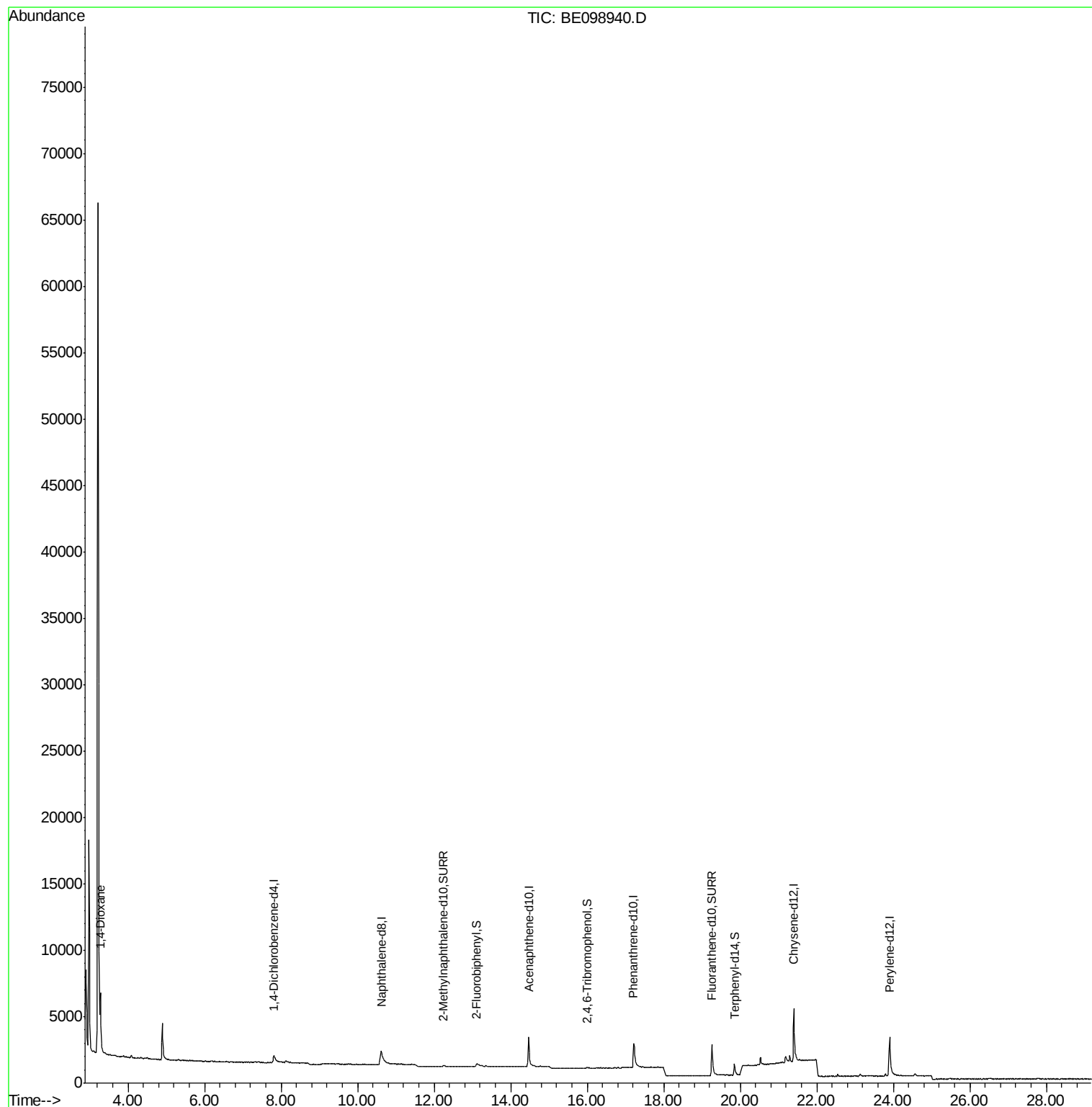
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	562	0.40	ng	0.02
7) Naphthalene-d8	10.61	136	2879	0.40	ng	0.03
13) Acenaphthene-d10	14.47	164	2302	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	5440	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6255	0.40	ng	0.00
34) Perylene-d12	23.90	264	6049	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	23	0.01	ng	0.05
5) Phenol-d6	6.99	99	6	0.00	ng	0.00
8) Nitrobenzene-d5	8.95	82	5	0.00	ng	-0.01
11) 2-Methylnaphthalene-d10	12.25	152	387	0.07	ng	0.06
14) 2,4,6-Tribromophenol	16.00	330	48	0.04	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	781	0.08	ng	0.03
25) Fluoranthene-d10	19.26	212	5758	0.07	ng	0.01
29) Terphenyl-d14	19.85	244	1351	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	2450	2.727	ng	Qvalue 96

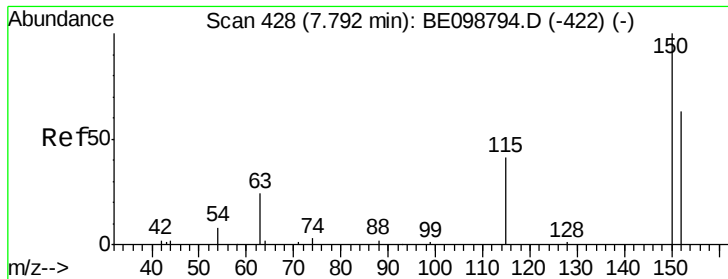
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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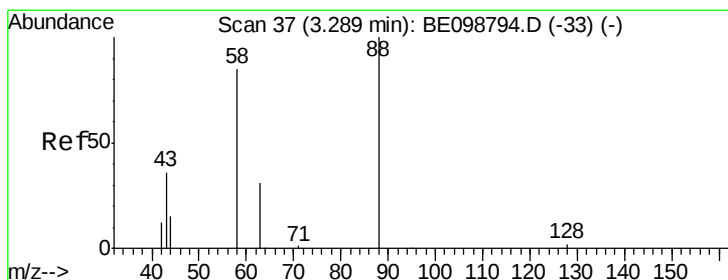
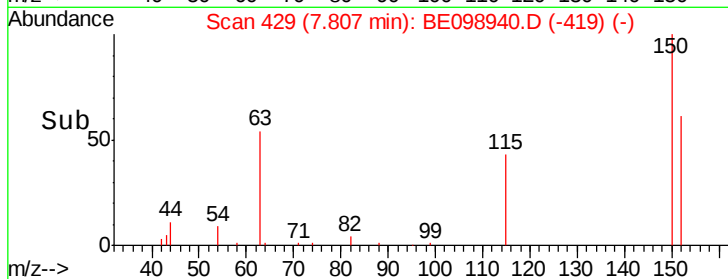
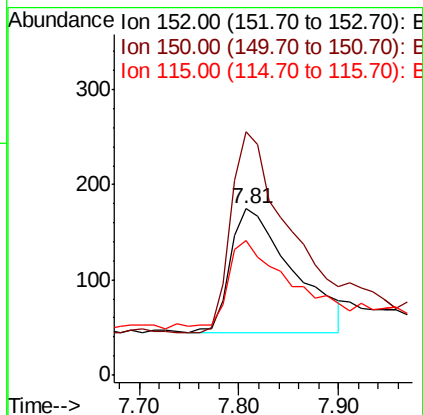
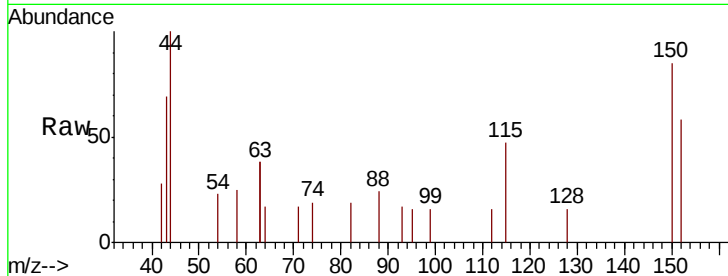


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.81 min Scan# 429
 Delta R.T. 0.02 min
 Lab File: BE098940.D
 Acq: 14 Mar 2019 11:24

Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-20190311DL

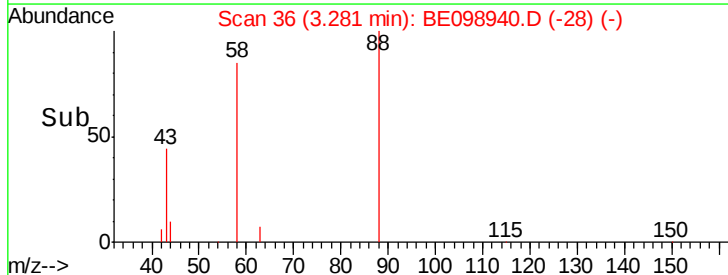
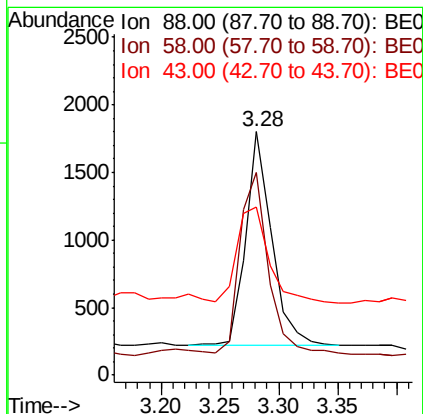
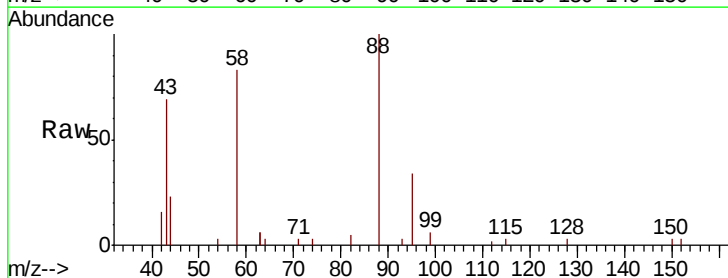
Tot Ion:152 Resp: 562
 Ion Ratio Lower Upper
 152 100
 150 146.3 122.5 183.7
 115 81.1 57.4 86.2



#2

1,4-Dioxane
 Concen: 2.727 ng
 RT: 3.28 min Scan# 36
 Delta R.T. -0.01 min
 Lab File: BE098940.D
 Acq: 14 Mar 2019 11:24

Tgt Ion: 88 Resp: 2450
 Ion Ratio Lower Upper
 88 100
 58 91.0 75.8 113.6
 43 55.8 41.8 62.8





#4

2-Fluorophenol

Concen: 0.014 ng

RT: 5.43 min Scan# 223

Delta R.T. 0.05 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190311DL

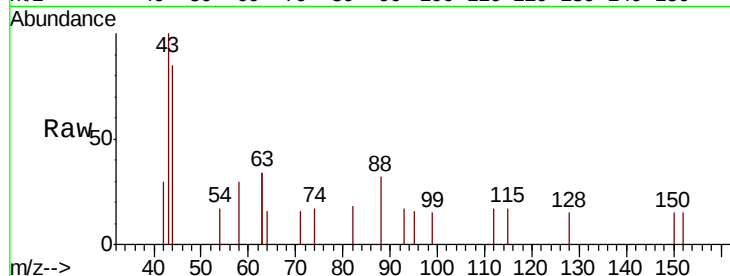
Tot Ion:112 Resp: 23

Ion Ratio Lower Upper

112 100

64 121.7 57.9 86.9#

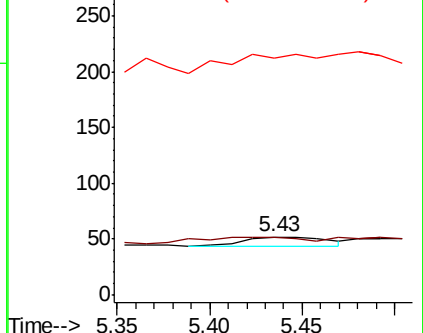
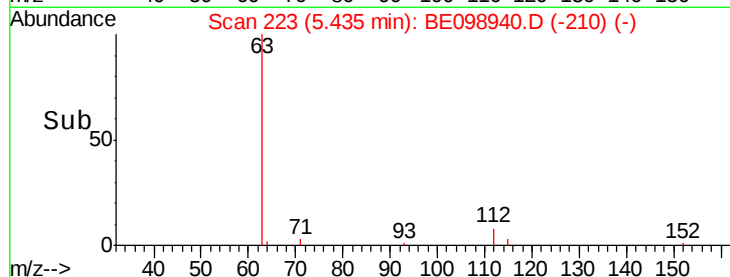
63 0.0 158.3 237.5#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.003 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

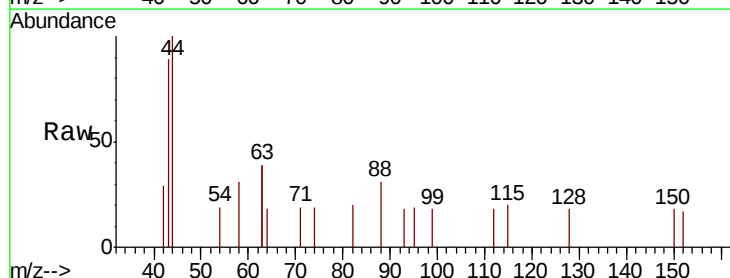
Tgt Ion: 99 Resp: 6

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

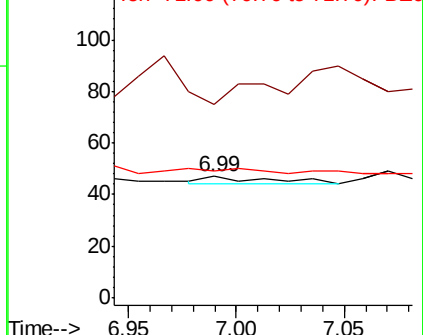
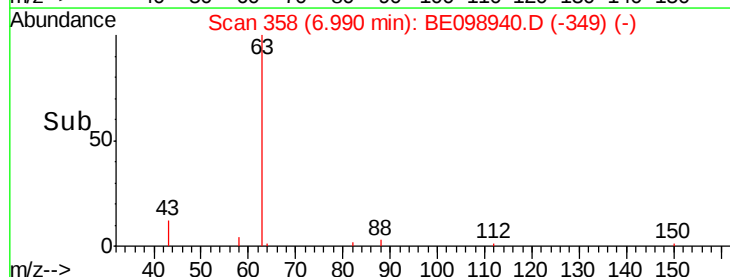
71 0.0 35.7 53.5#



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.03 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190311DL

Tot Ion:136 Resp: 2879

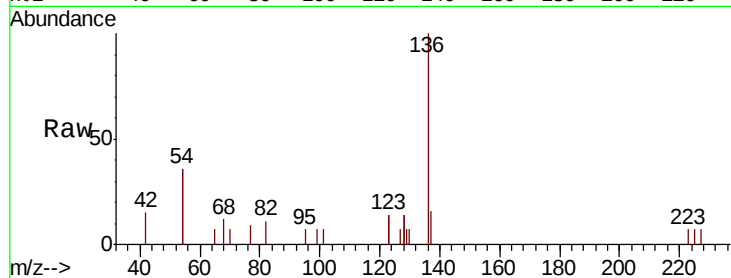
Ion Ratio Lower Upper

136 100

137 15.8 11.4 17.0

54 72.2 39.3 58.9#

68 11.5 6.7 10.1#

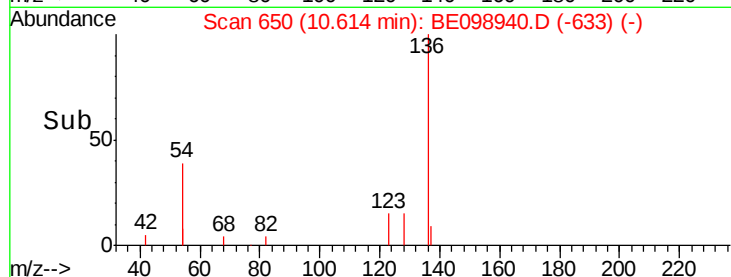


Abundance Ion 136.00 (135.70 to 136.70): E

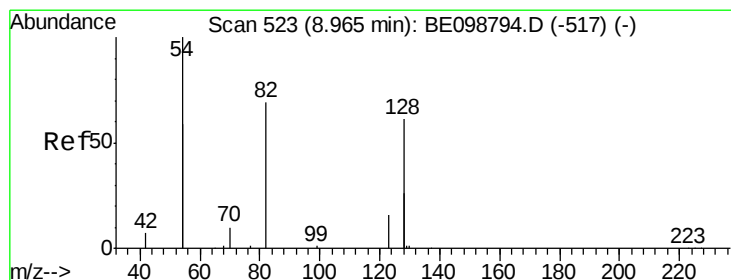
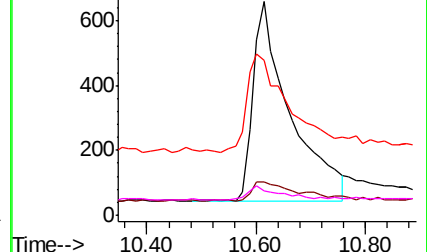
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.002 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

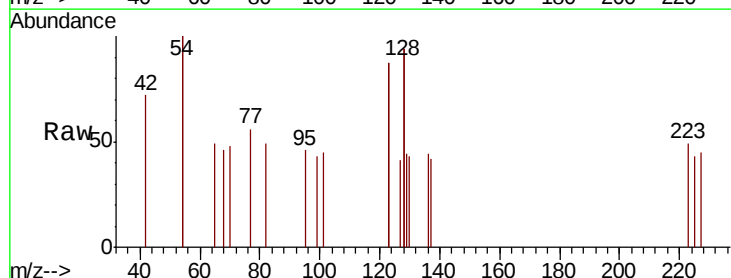
Tgt Ion: 82 Resp: 5

Ion Ratio Lower Upper

82 100

128 384.3 123.8 185.8#

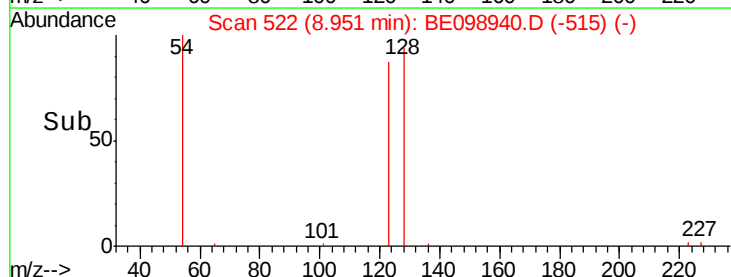
54 407.8 203.4 305.2#



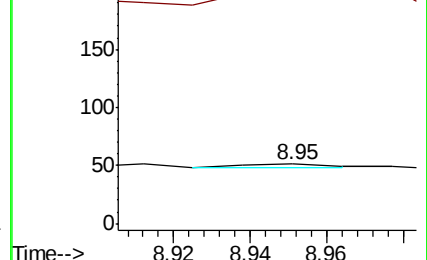
Abundance Ion 82.00 (81.70 to 82.70): BE0

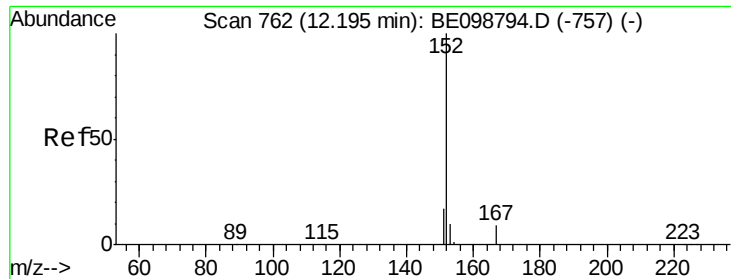
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->

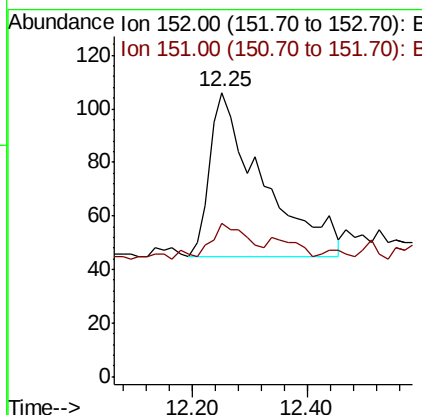
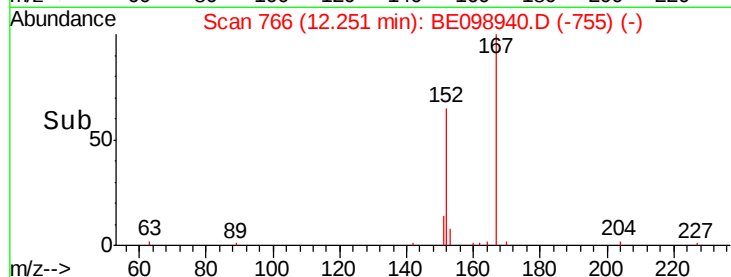
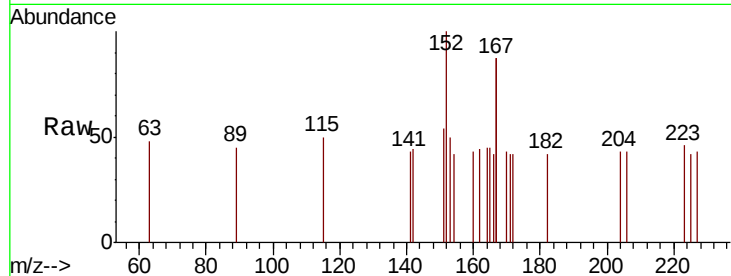




#11
 2-Methylnaphthalene-d10
 Concen: 0.073 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.06 min
 Lab File: BE098940.D
 Acq: 14 Mar 2019 11:24

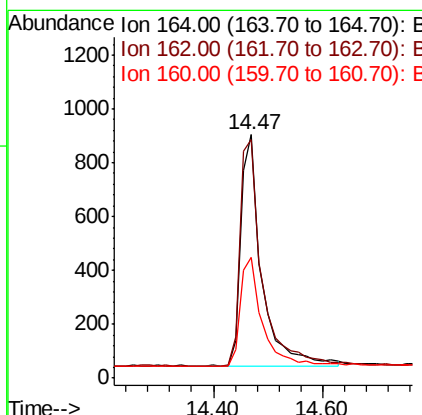
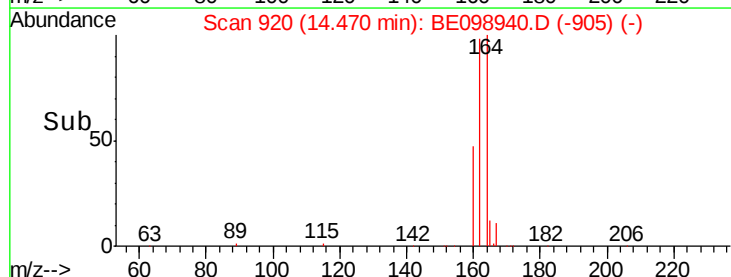
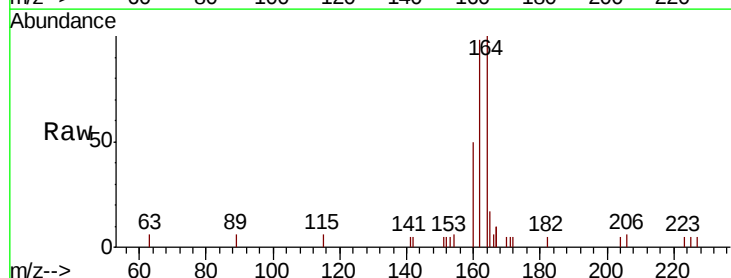
Instrument :
 BNA_E
 ClientSampleId :
 RE120D1-20190311DL

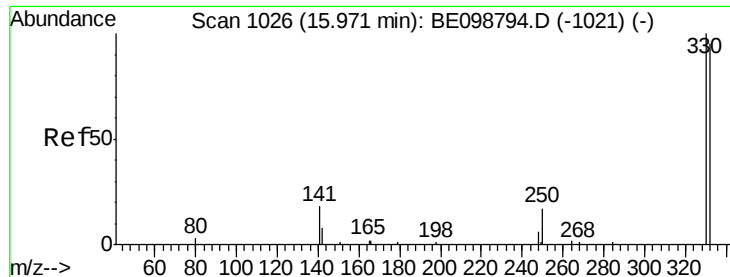
Tot Ion:152 Resp: 387
 Ion Ratio Lower Upper
 152 100
 151 15.8 16.5 24.7#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE098940.D
 Acq: 14 Mar 2019 11:24

Tgt Ion:164 Resp: 2302
 Ion Ratio Lower Upper
 164 100
 162 97.8 80.2 120.2
 160 49.7 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.041 ng

RT: 16.00 min Scan# 1028

Delta R.T. 0.03 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190311DL

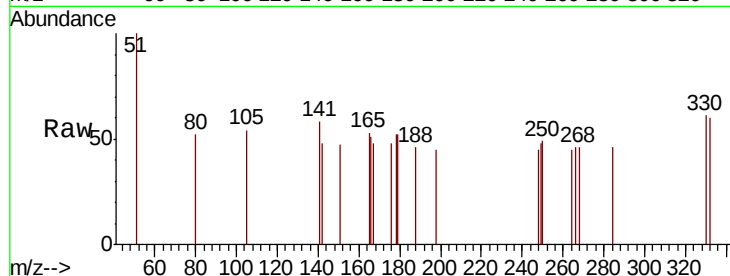
Tot Ion:330 Resp: 48

Ion Ratio Lower Upper

330 100

332 122.9 77.6 116.4#

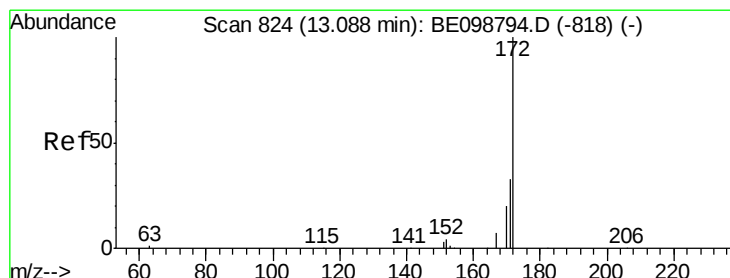
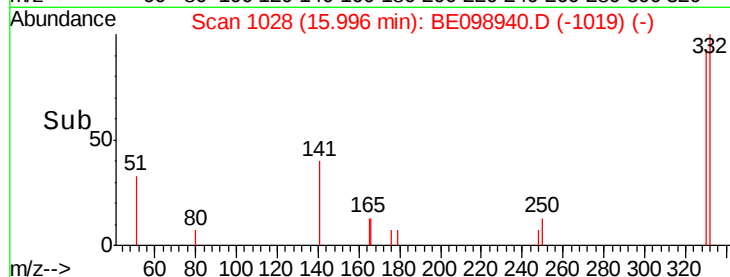
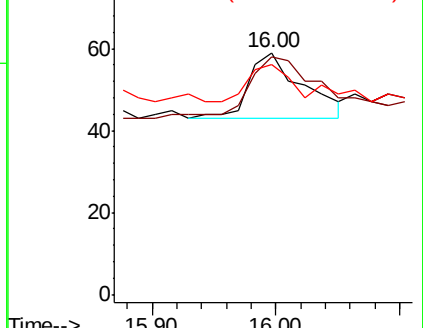
141 58.3 31.0 46.4#



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: 0.082 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.03 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

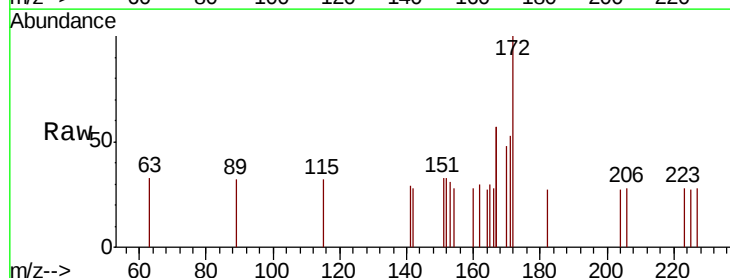
Tgt Ion:172 Resp: 781

Ion Ratio Lower Upper

172 100

171 53.1 28.0 42.0#

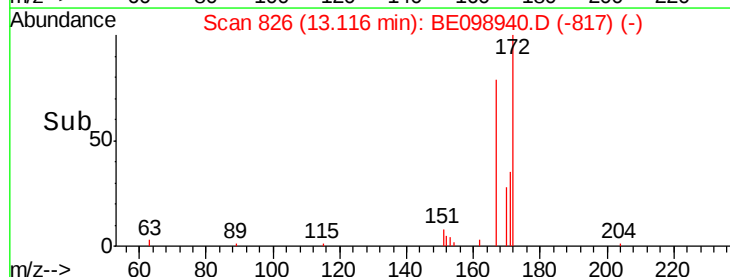
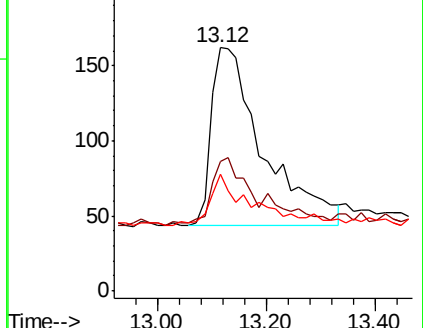
170 48.1 17.7 26.5#



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

Instrument :

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ClientSampleId :

RE120D1-20190311DL

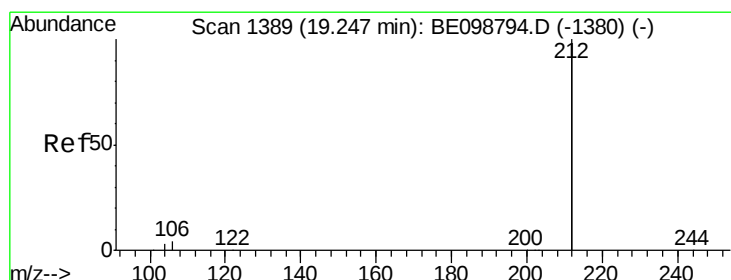
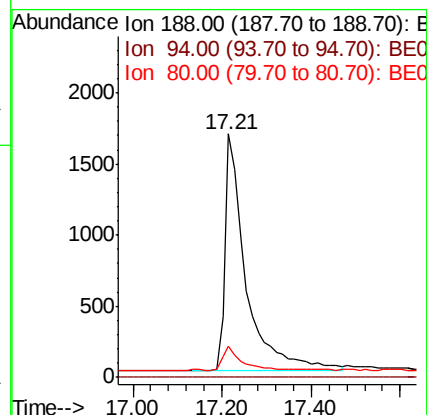
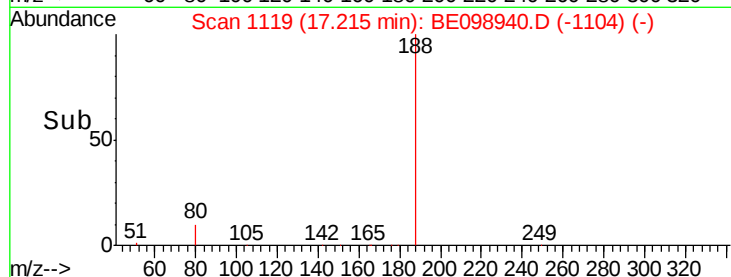
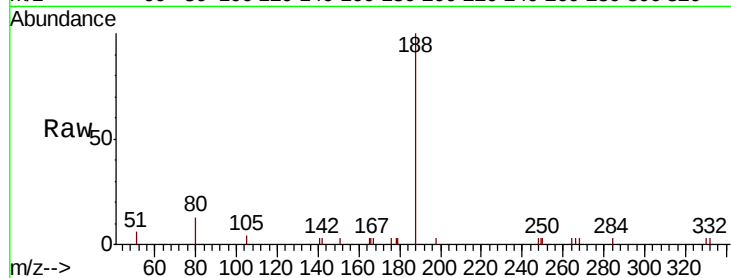
Tot Ion:188 Resp: 5440

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 6.3 9.5#



#25

Fluoranthene-d10

Concen: 0.066 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

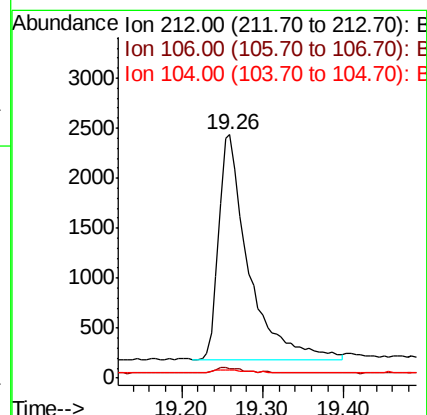
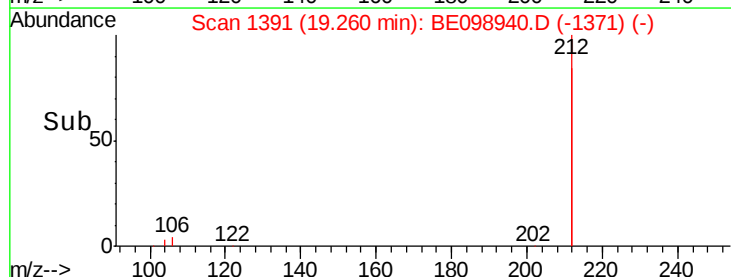
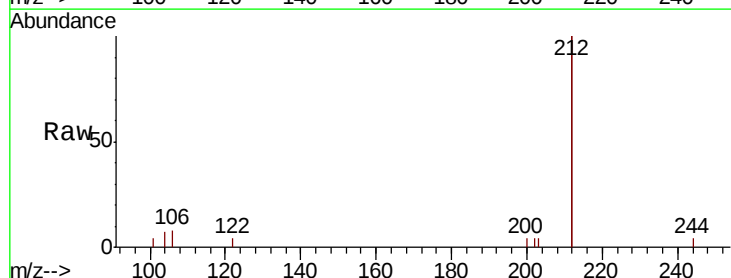
Tgt Ion:212 Resp: 5758

Ion Ratio Lower Upper

212 100

106 2.6 1.8 2.8

104 1.6 1.0 1.6#

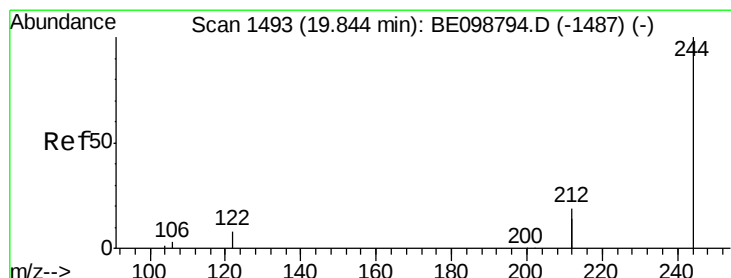
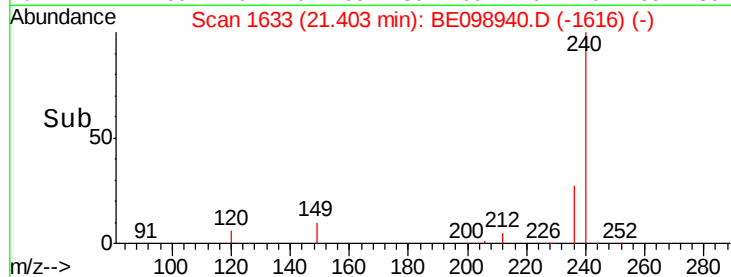
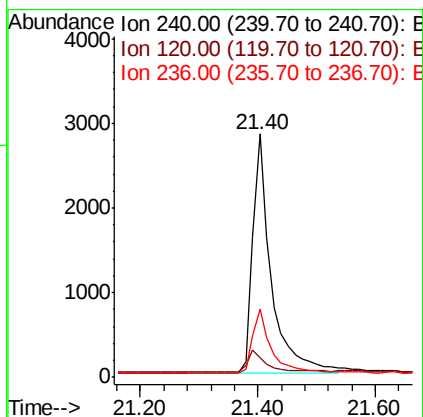
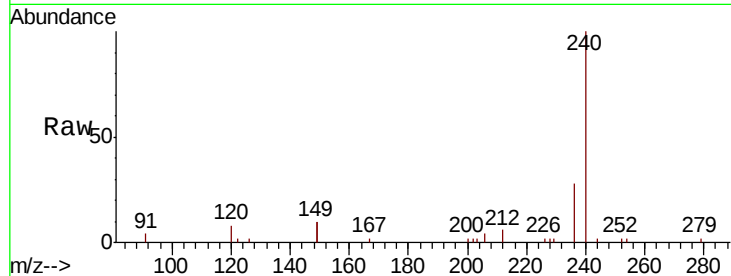




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BE098940.D
 Acq: 14 Mar 2019 11:24

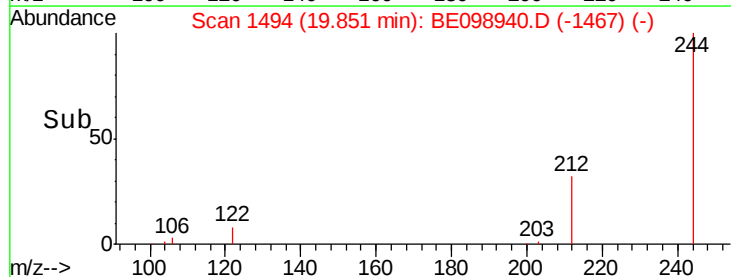
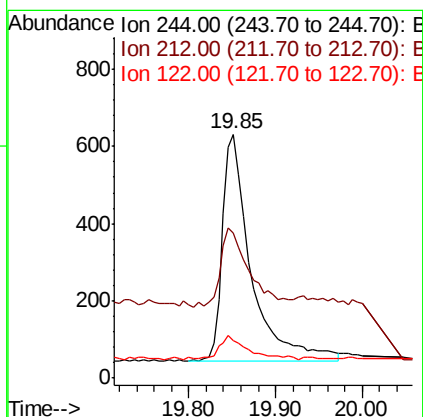
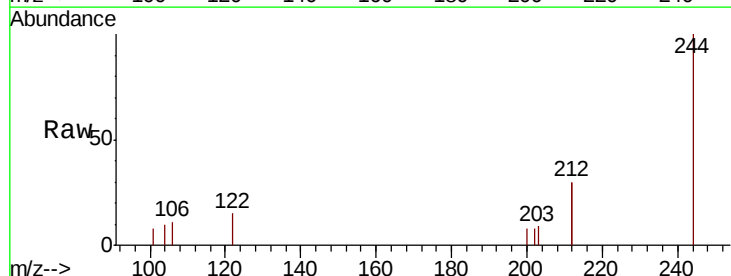
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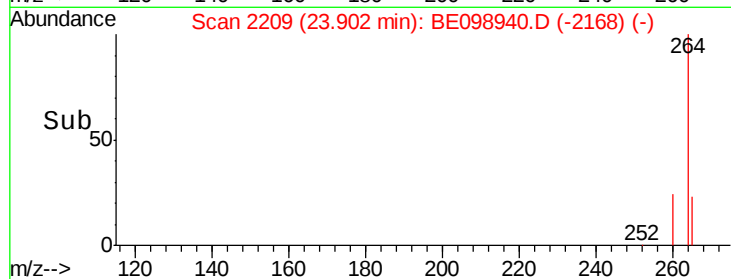
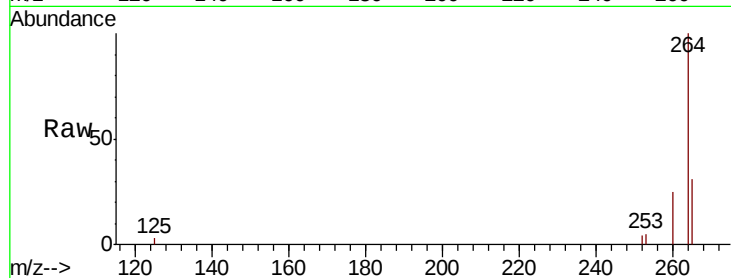
Tot Ion:240 Resp: 6255
 Ion Ratio Lower Upper
 240 100
 120 8.2 5.0 7.4#
 236 28.0 22.7 34.1



#29
 Terphenyl-d14
 Concen: 0.089 ng
 RT: 19.85 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BE098940.D
 Acq: 14 Mar 2019 11:24

Tgt Ion:244 Resp: 1351
 Ion Ratio Lower Upper
 244 100
 212 59.6 29.4 44.2#
 122 15.4 7.1 10.7#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE098940.D

Acq: 14 Mar 2019 11:24

Instrument :

BNA_E

ClientSampleId :

RE120D1-20190311DL

Tot Ion:264 Resp: 6049

Ion Ratio Lower Upper

264 100

260 25.4 21.2 31.8

265 30.9 24.6 36.8

