

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
 Data File : BE098968.D
 Acq On : 15 Mar 2019 11:35
 Operator : JU/SJ
 Sample : PB117917BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB117917BL

Quant Time: Mar 15 14:33:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	521	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	2500	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	2011	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4922	0.40	ng	0.01
27) Chrysene-d12	21.41	240	5441	0.40	ng	0.01
34) Perylene-d12	23.91	264	5233	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	491	0.32	ng	0.02
5) Phenol-d6	7.07	99	654	0.30	ng	0.08
8) Nitrobenzene-d5	9.08	82	429	0.16	ng	0.12
11) 2-Methylnaphthalene-d10	12.24	152	1568	0.34	ng	0.04
14) 2,4,6-Tribromophenol	16.01	330	168	0.17	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	2505	0.30	ng	0.03
25) Fluoranthene-d10	19.26	212	23133	0.29	ng	0.01
29) Terphenyl-d14	19.85	244	4515	0.34	ng	0.00

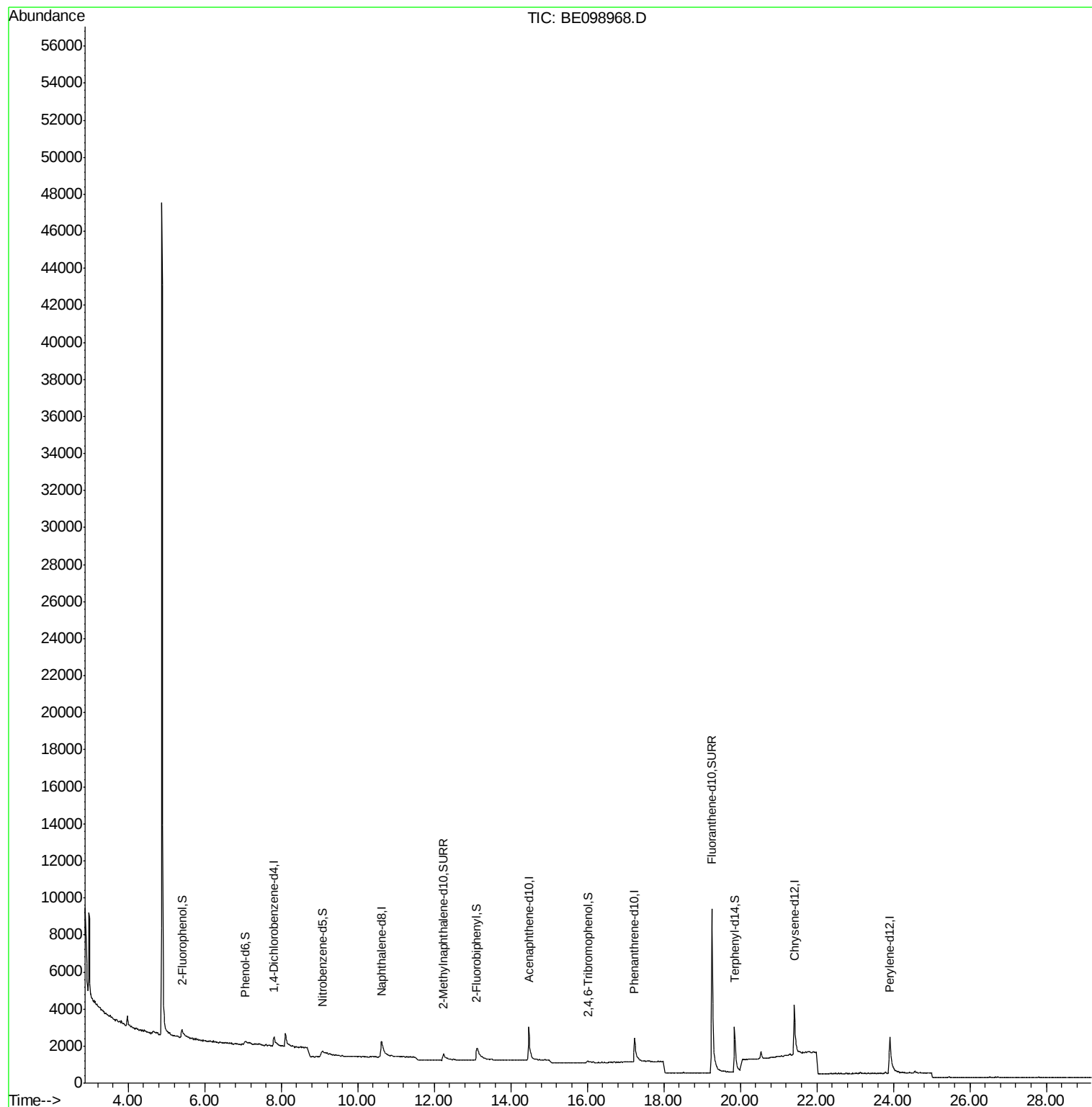
Target Compounds	Qvalue
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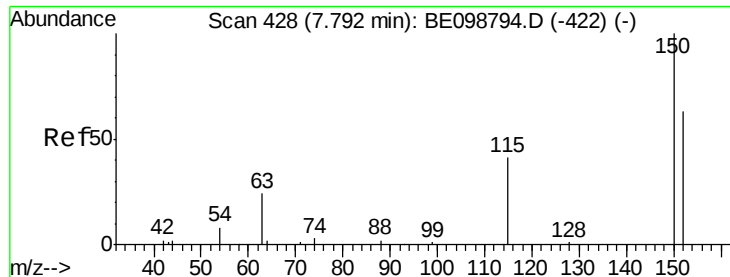
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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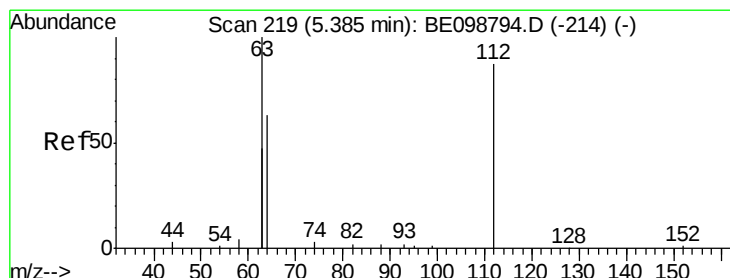
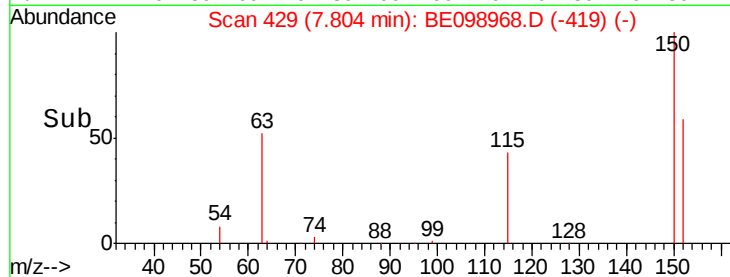
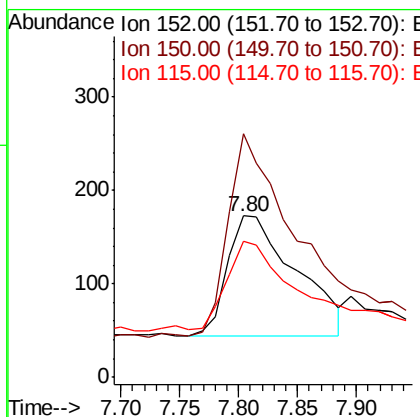
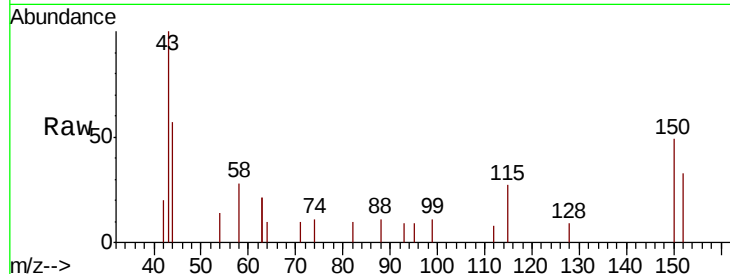




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.80 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BE098968.D
 Acq: 15 Mar 2019 11:35

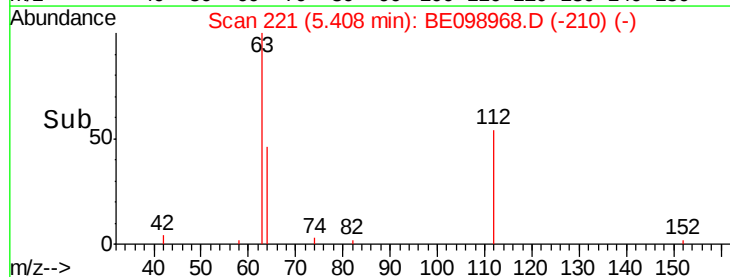
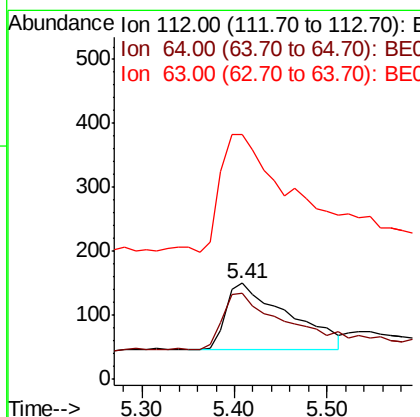
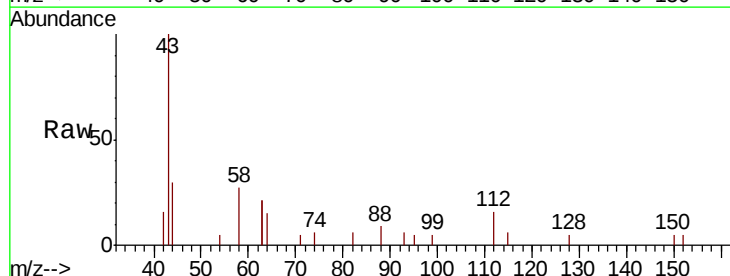
Instrument :
 BNA_E
 ClientSampleId :
 PB117917BL

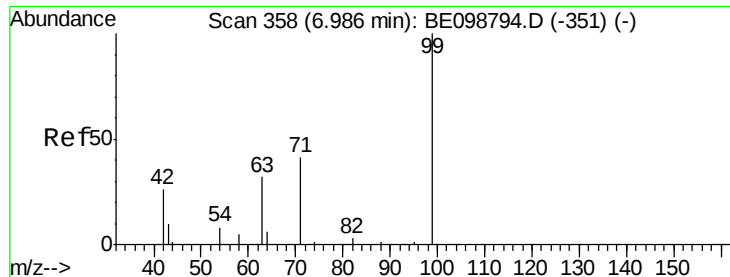
Tot Ion:152 Resp: 521
 Ion Ratio Lower Upper
 152 100
 150 150.9 122.5 183.7
 115 83.8 57.4 86.2



#4
 2-Fluorophenol
 Concen: 0.315 ng
 RT: 5.41 min Scan# 221
 Delta R.T. 0.02 min
 Lab File: BE098968.D
 Acq: 15 Mar 2019 11:35

Tgt Ion:112 Resp: 491
 Ion Ratio Lower Upper
 112 100
 64 106.3 57.9 86.9#
 63 236.7 158.3 237.5





#5

Phenol-d6

Concen: 0.297 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.08 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

Instrument :

BNA_E

ClientSampleId :

PB117917BL

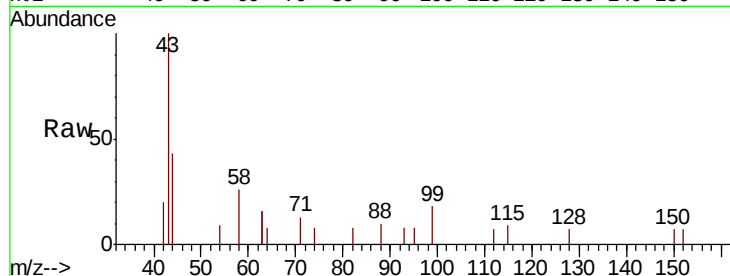
Tot Ion: 99 Resp: 654

Ion Ratio Lower Upper

99 100

42 0.0 24.2 36.2#

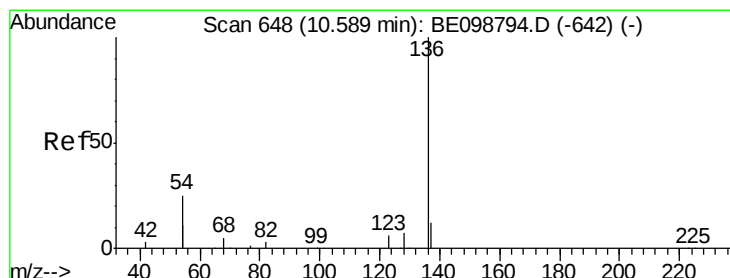
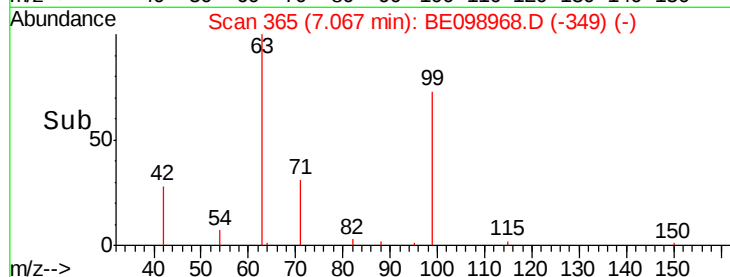
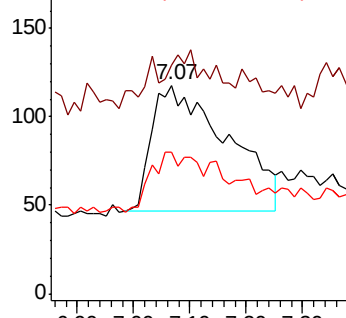
71 17.4 35.7 53.5#



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: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

Tgt Ion: 136 Resp: 2500

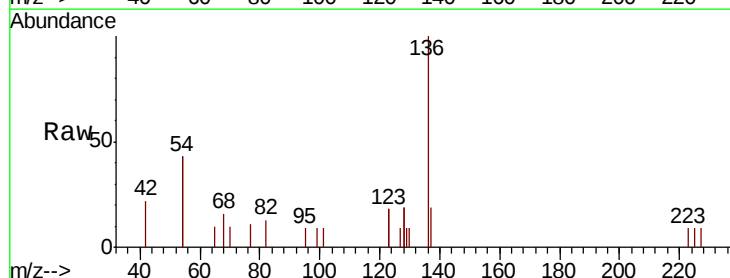
Ion Ratio Lower Upper

136 100

137 18.7 11.4 17.0#

54 86.4 39.3 58.9#

68 15.9 6.7 10.1#

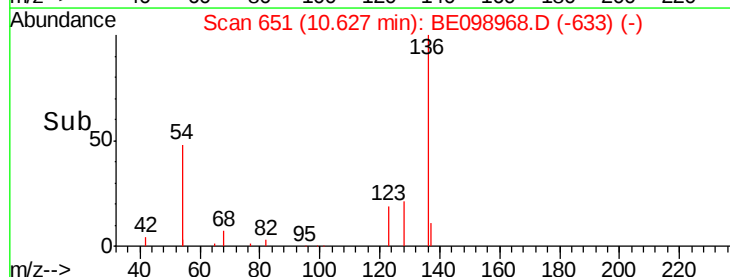
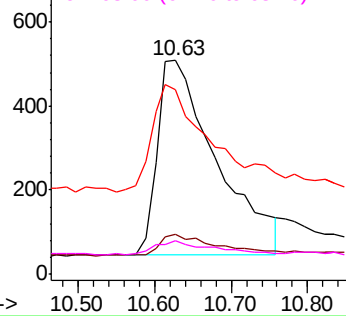


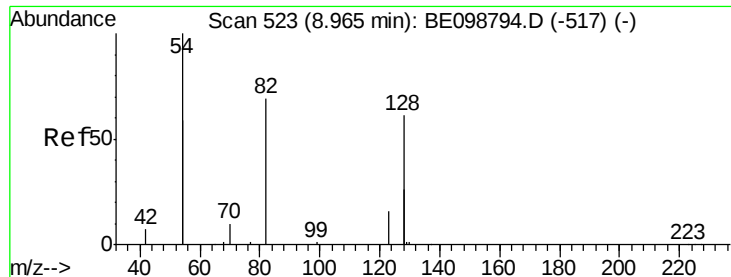
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.164 ng

RT: 9.08 min Scan# 532

Delta R.T. 0.12 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

Instrument :

BNA_E

ClientSampleId :

PB117917BL

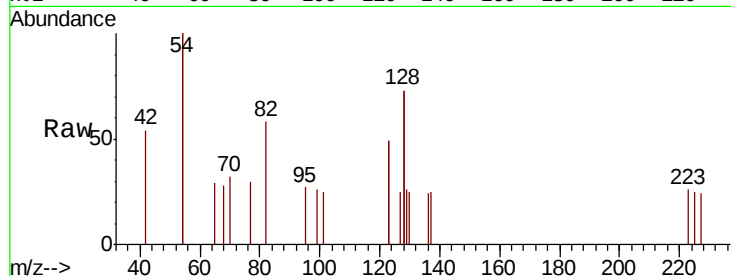
Tot Ion: 82 Resp: 429

Ion Ratio Lower Upper

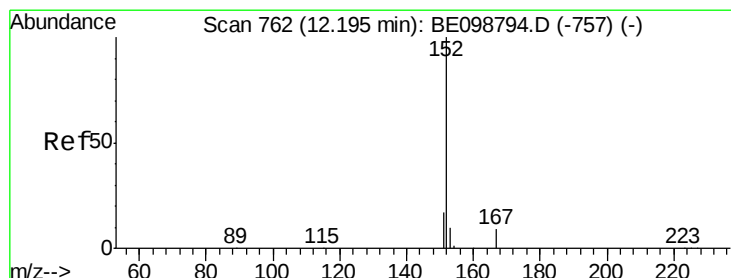
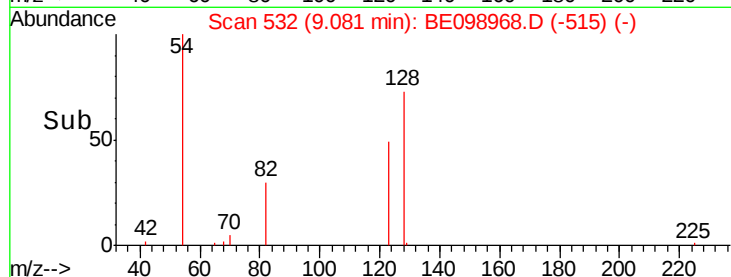
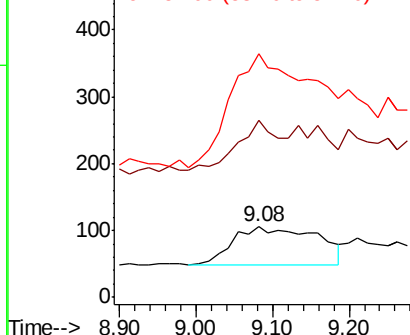
82 100

128 251.4 123.8 185.8#

54 346.7 203.4 305.2#



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



#11

2-Methylnaphthalene-d10

Concen: 0.339 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.04 min

Lab File: BE098968.D

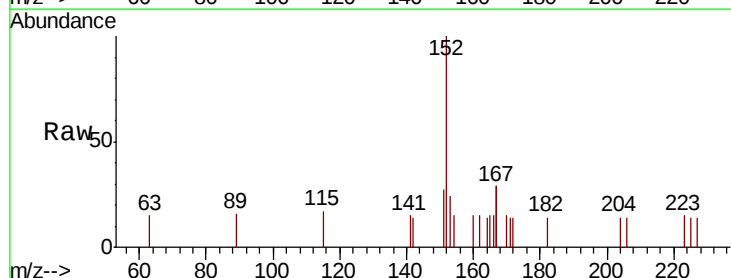
Acq: 15 Mar 2019 11:35

Tgt Ion: 152 Resp: 1568

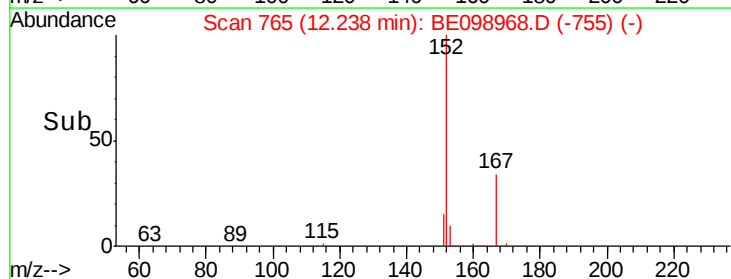
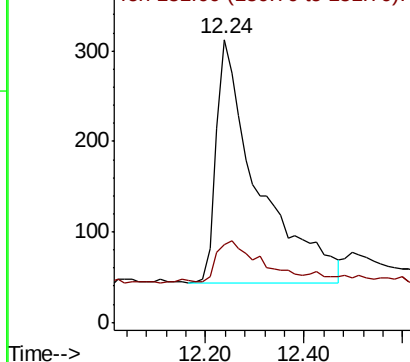
Ion Ratio Lower Upper

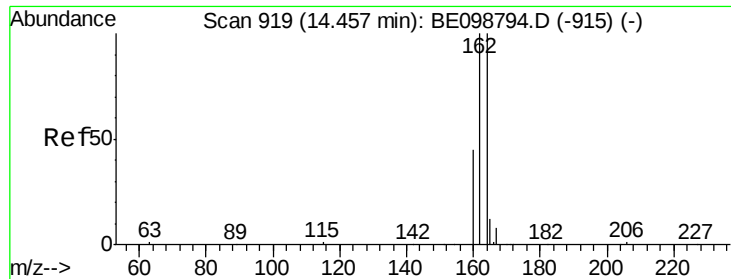
152 100

151 17.3 16.5 24.7



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

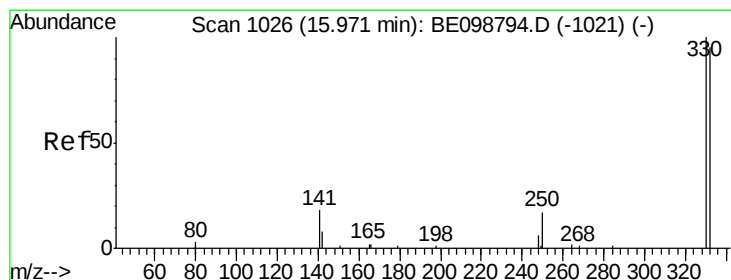
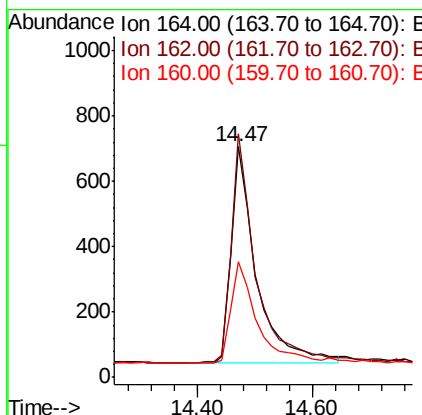
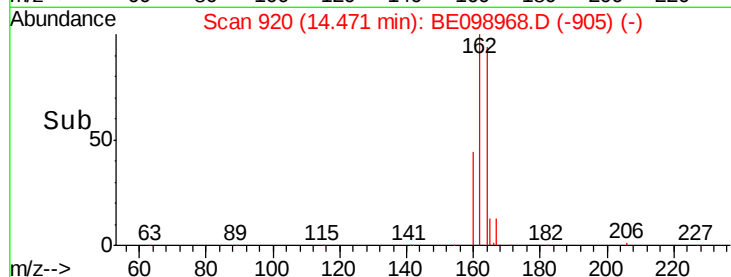
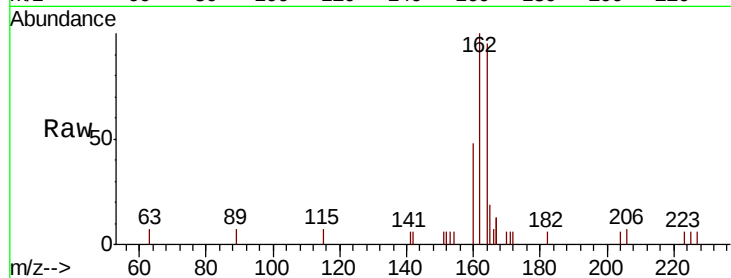




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE098968.D
 Acq: 15 Mar 2019 11:35

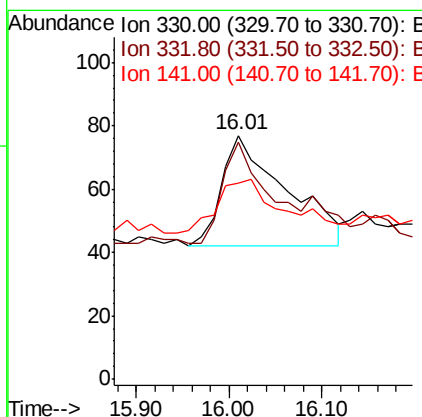
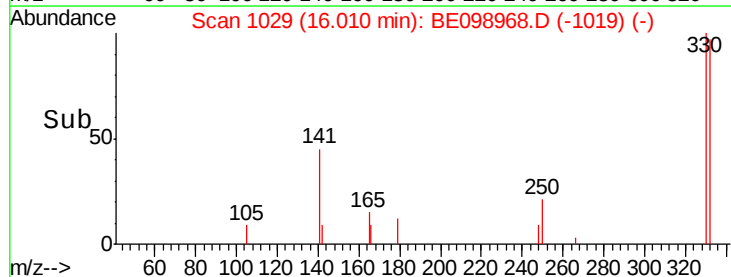
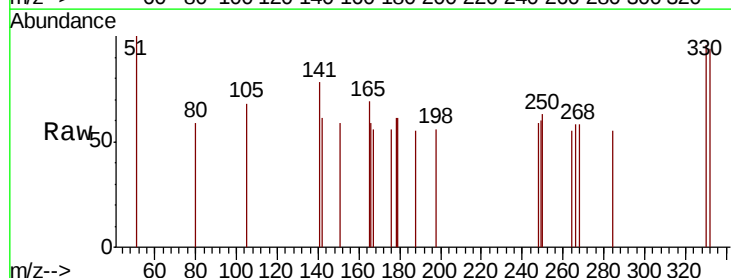
Instrument :
 BNA_E
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 PB117917BL

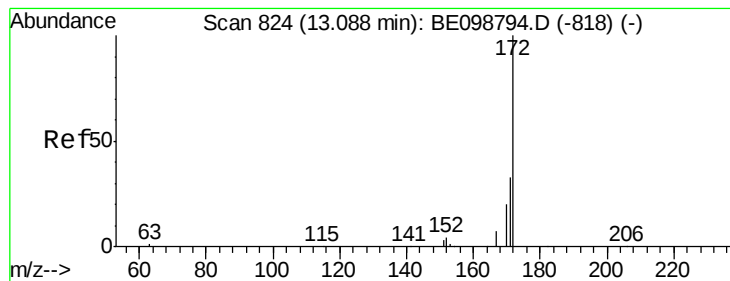
Tot Ion:164 Resp: 2011
 Ion Ratio Lower Upper
 164 100
 162 105.5 80.2 120.2
 160 50.1 37.8 56.8



#14
 2,4,6-Tribromophenol
 Concen: 0.166 ng
 RT: 16.01 min Scan# 1029
 Delta R.T. 0.04 min
 Lab File: BE098968.D
 Acq: 15 Mar 2019 11:35

Tgt Ion:330 Resp: 168
 Ion Ratio Lower Upper
 330 100
 332 65.5 77.6 116.4#
 141 50.6 31.0 46.4#

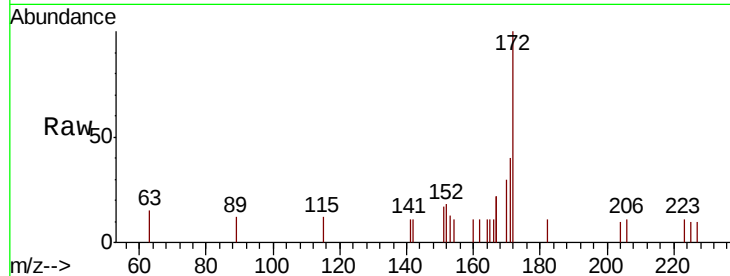




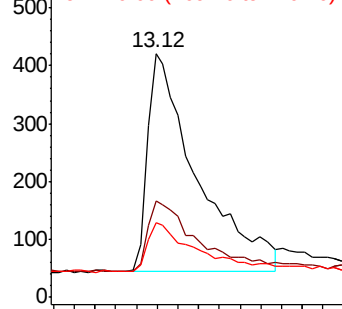
#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098968.D
Acq: 15 Mar 2019 11:35

Instrument :
BNA_E
ClientSampleId :
PB117917BL

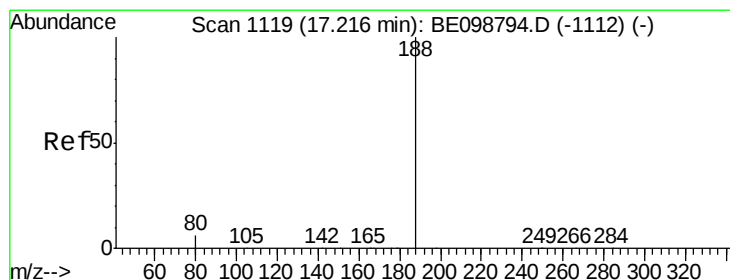
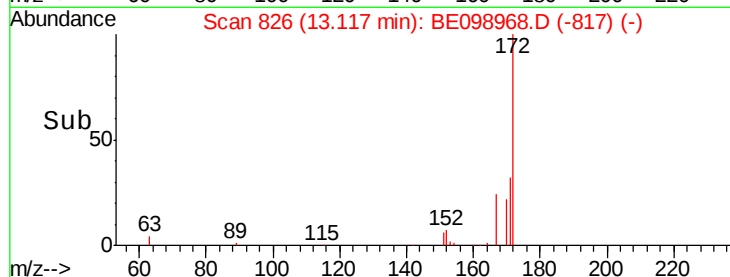
Tot Ion:172 Resp: 2505
Ion Ratio Lower Upper
172 100
171 39.7 28.0 42.0
170 30.4 17.7 26.5#



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

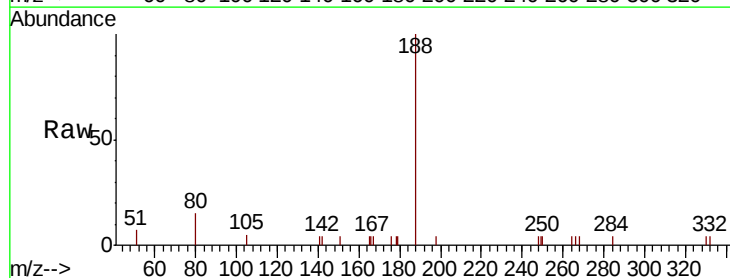


Time-->

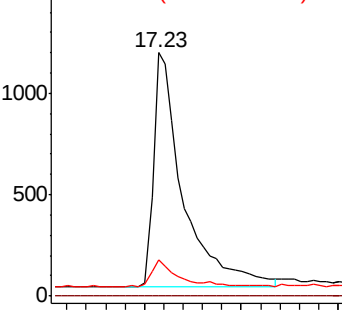


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BE098968.D
Acq: 15 Mar 2019 11:35

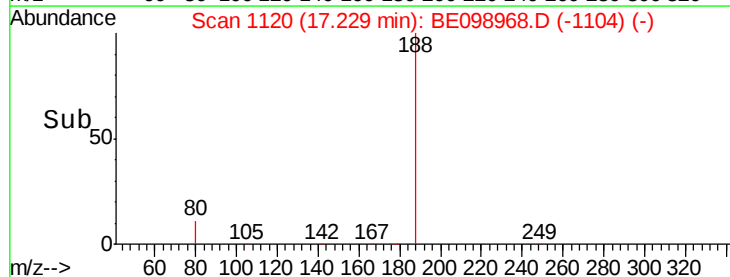
Tgt Ion:188 Resp: 4922
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 6.3 9.5#

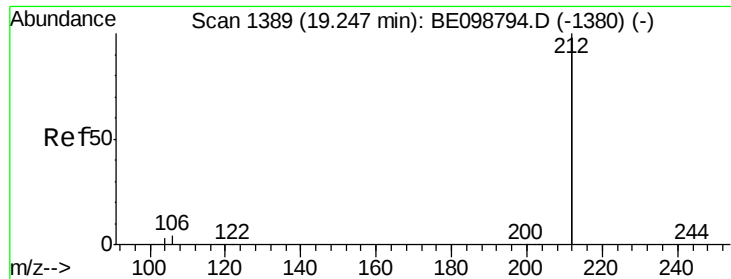


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0



Time-->





#25

Fluoranthene-d10

Concen: 0.294 ng

RT: 19.26 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

Instrument :

BNA_E

ClientSampleId :

PB117917BL

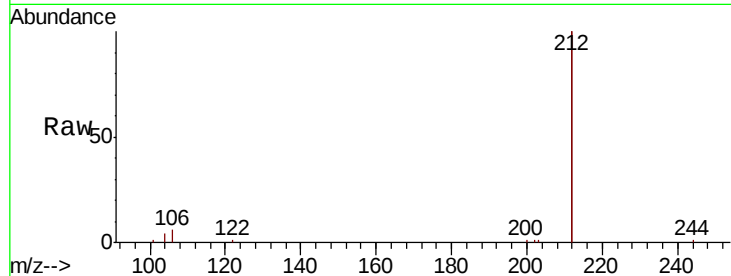
Tot Ion:212 Resp: 23133

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

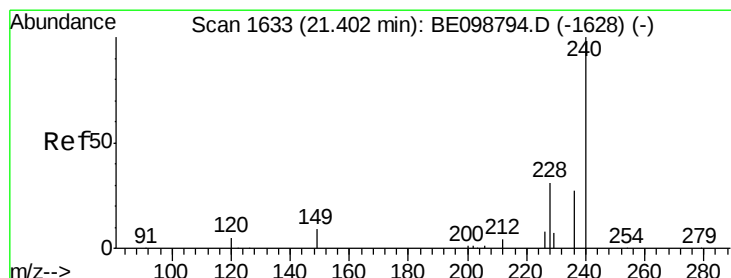
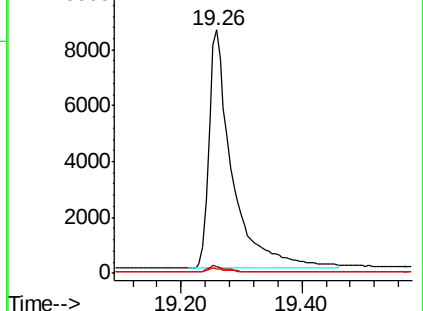
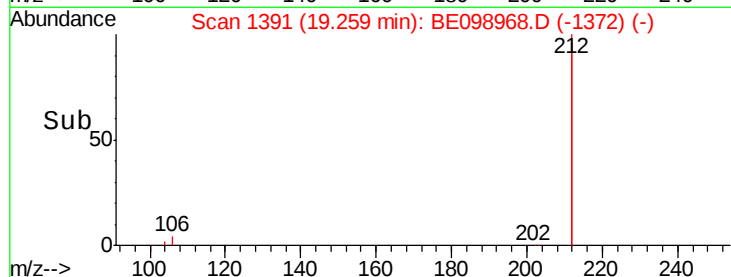
104 1.3 1.0 1.6



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

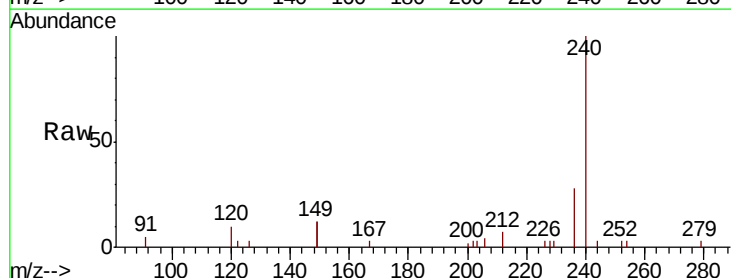
Tgt Ion:240 Resp: 5441

Ion Ratio Lower Upper

240 100

120 9.9 5.0 7.4#

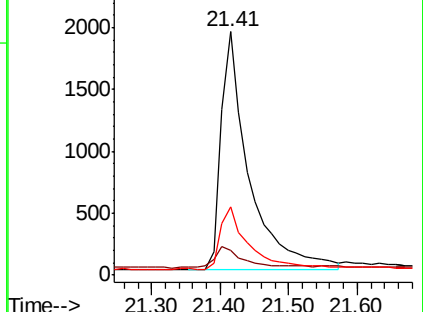
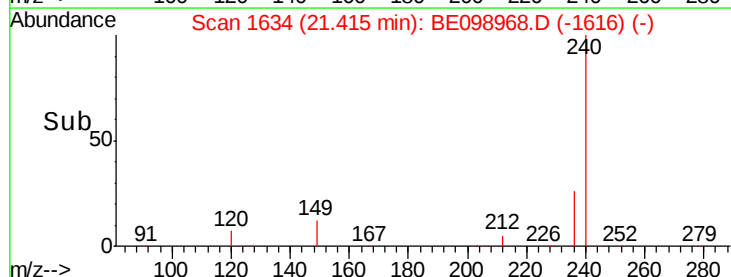
236 28.2 22.7 34.1

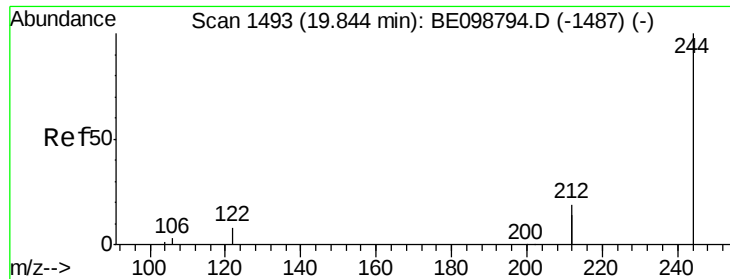


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.341 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

Instrument :

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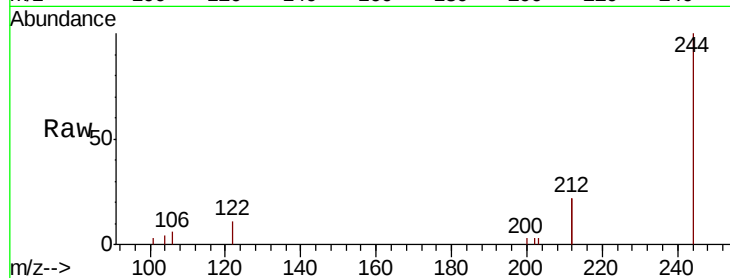
Tot Ion:244 Resp: 4515

Ion Ratio Lower Upper

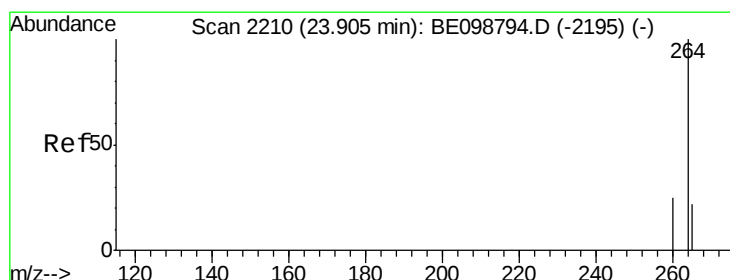
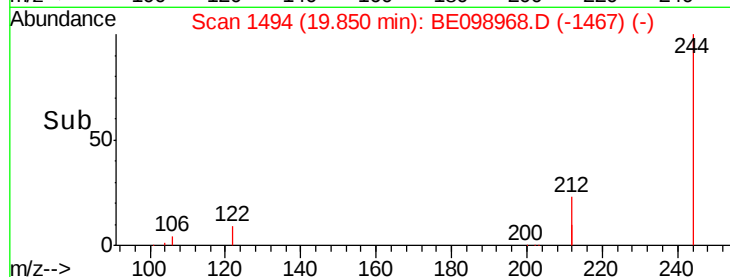
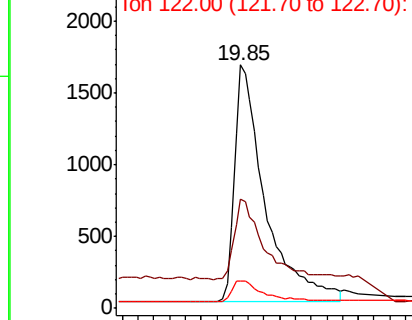
244 100

212 44.6 29.4 44.2#

122 11.4 7.1 10.7#



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BE098968.D

Acq: 15 Mar 2019 11:35

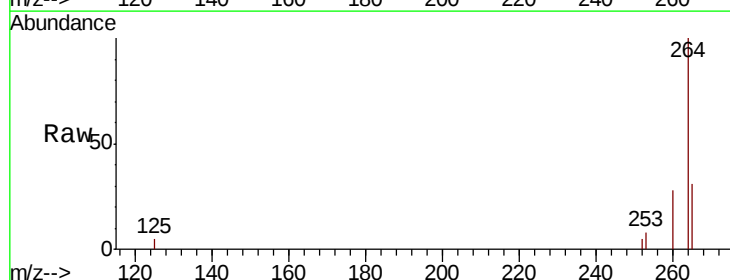
Tgt Ion:264 Resp: 5233

Ion Ratio Lower Upper

264 100

260 27.8 21.2 31.8

265 31.3 24.6 36.8



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

