

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
 Data File : BE100300.D
 Acq On : 2 Jul 2019 13:50
 Operator : JU/SJ
 Sample : K3504-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-013-SW102-062019

Quant Time: Jul 03 02:12:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	749	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	2535	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	2019	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6505	0.40	ng	0.00
27) Chrysene-d12	21.24	240	8986	0.40	ng	0.00
34) Perylene-d12	23.67	264	11203	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	576	0.30	ng	0.00
5) Phenol-d6	6.83	99	698	0.28	ng	-0.01
8) Nitrobenzene-d5	8.82	82	594	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.05	152	1293	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	381	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	1931	0.25	ng	0.00
25) Fluoranthene-d10	19.10	212	22352	0.24	ng	0.00
29) Terphenyl-d14	19.70	244	4854	0.26	ng	0.00

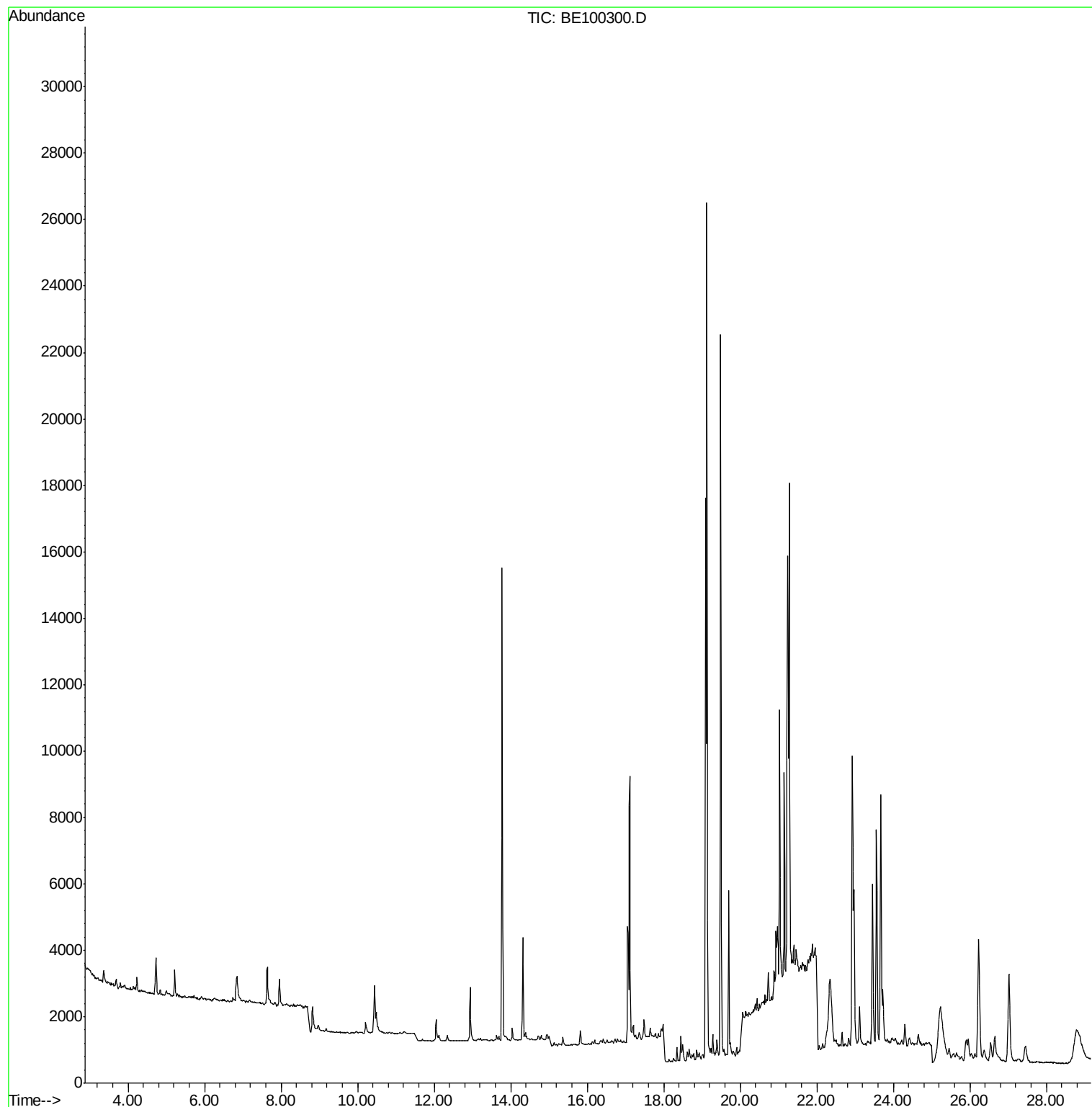
Target Compounds	Qvalue
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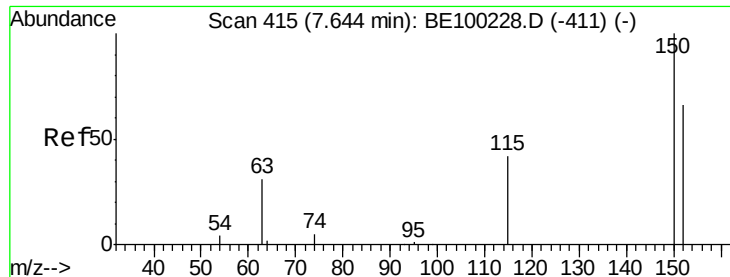
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 415

Delta R.T. 0.00 min

Lab File: BE100300.D

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Instrument :

BNA_E

ClientSampleId :

PST-013-SW102-062019

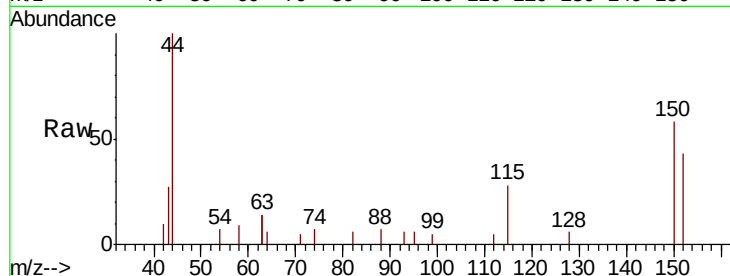
Tgt Ion:152 Resp: 749

Ion Ratio Lower Upper

152 100

150 135.1 114.5 171.7

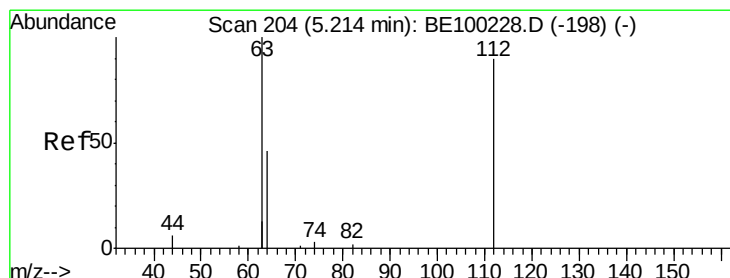
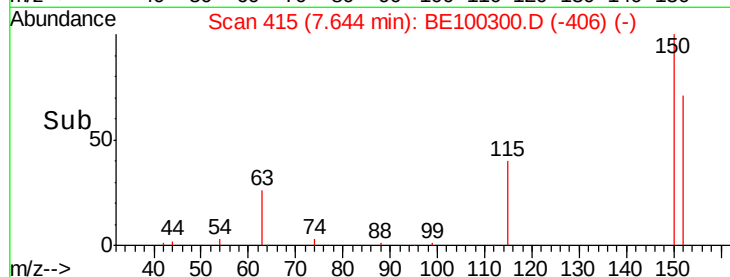
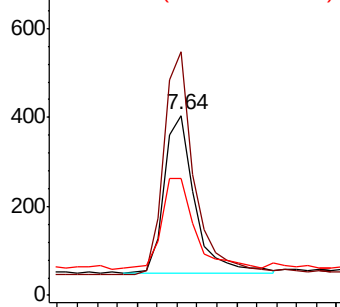
115 64.9 57.1 85.7



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: 0.302 ng

RT: 5.21 min Scan# 204

Delta R.T. 0.00 min

Lab File: BE100300.D

Acq: 2 Jul 2019 13:50

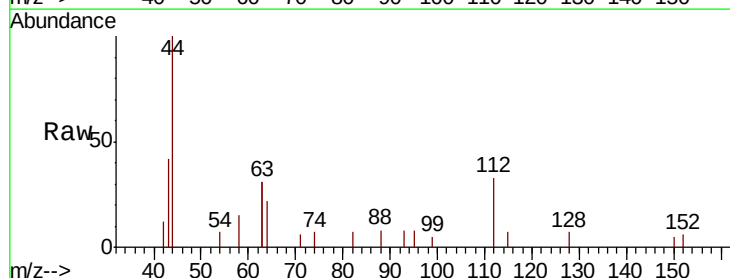
Tgt Ion:112 Resp: 576

Ion Ratio Lower Upper

112 100

64 53.8 39.4 59.0

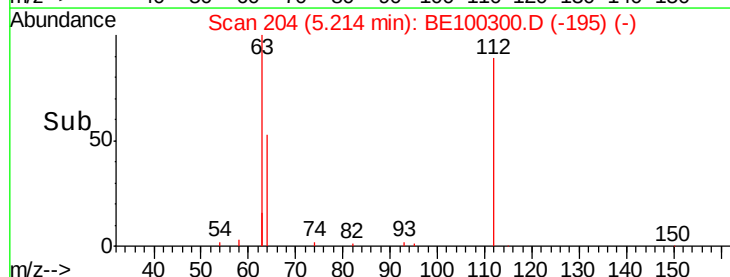
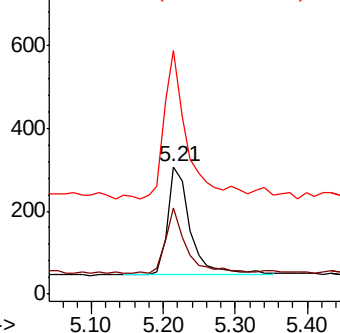
63 136.5 104.5 156.7

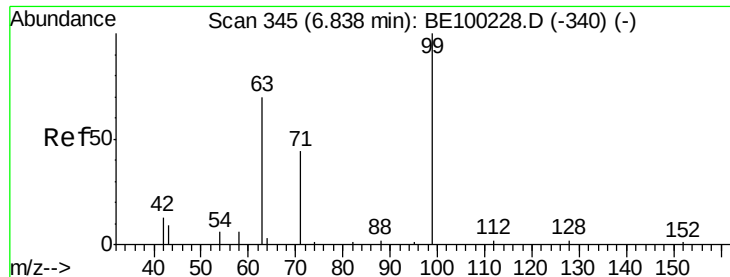


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.278 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100300.D

Acq: 2 Jul 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PST-013-SW102-062019

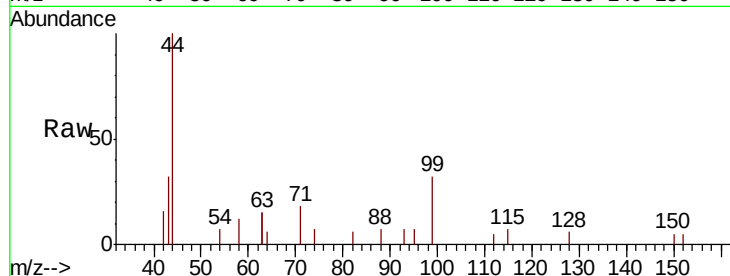
Tgt Ion: 99 Resp: 698

Ion Ratio Lower Upper

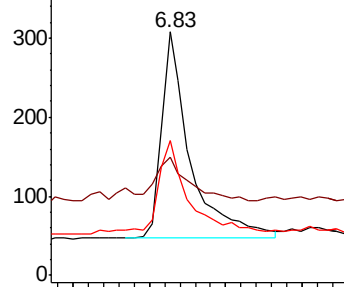
99 100

42 22.6 11.2 16.8#

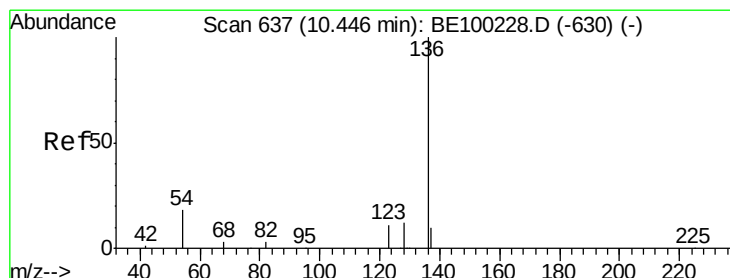
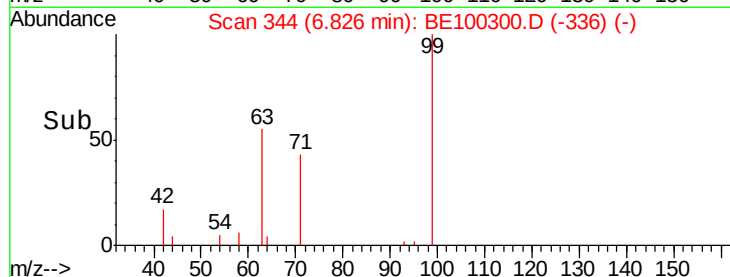
71 42.1 37.2 55.8



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100300.D

Acq: 2 Jul 2019 13:50

Tgt Ion: 136 Resp: 2535

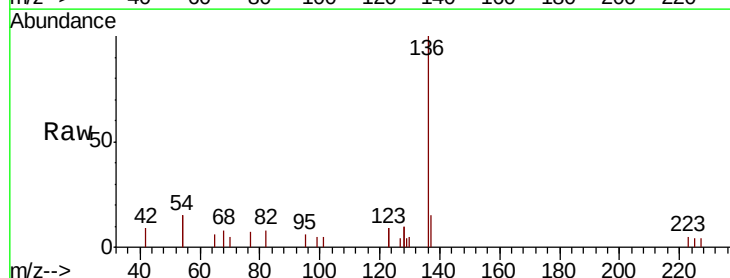
Ion Ratio Lower Upper

136 100

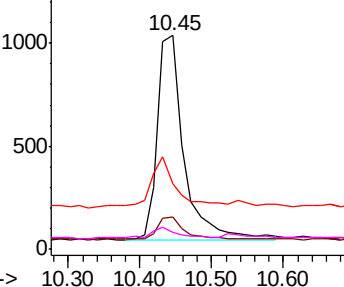
137 14.7 11.8 17.8

54 30.8 27.7 41.5

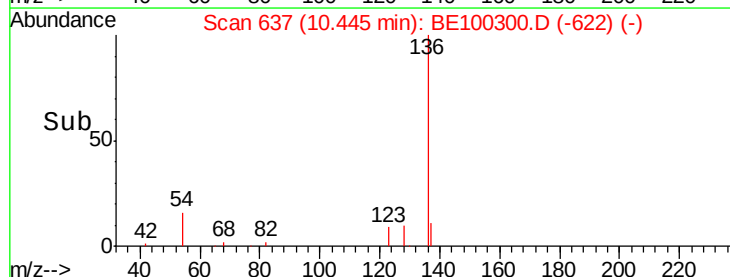
68 7.9 6.8 10.2

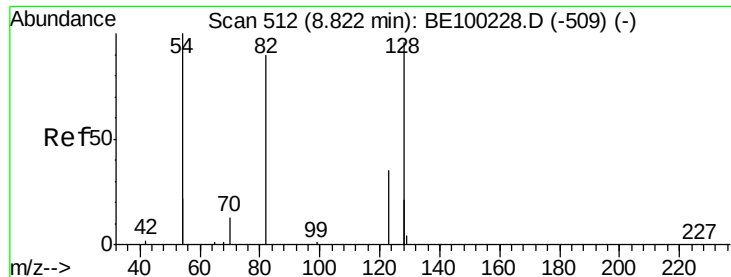


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE1
Ion 68.00 (67.70 to 68.70): BE1



Time-->





#8

Nitrobenzene-d5

Concen: 0.236 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE100300.D

Acq: 2 Jul 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PST-013-SW102-062019

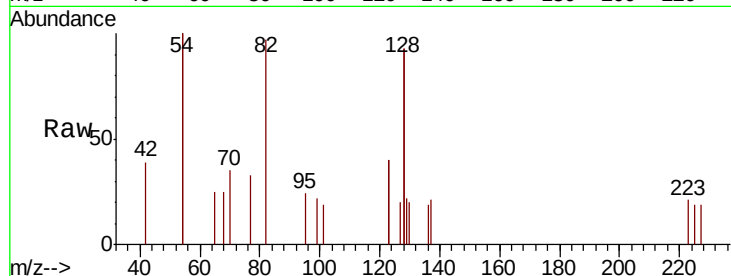
Tgt Ion: 82 Resp: 594

Ion Ratio Lower Upper

82 100

128 191.5 140.9 211.3

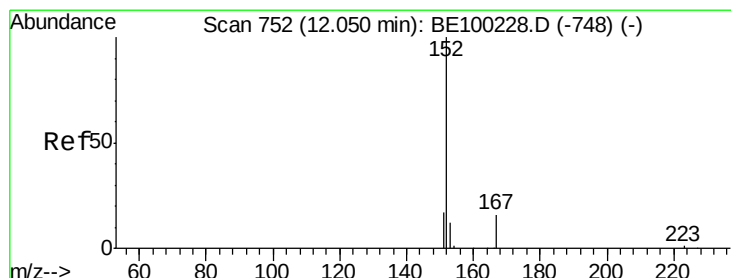
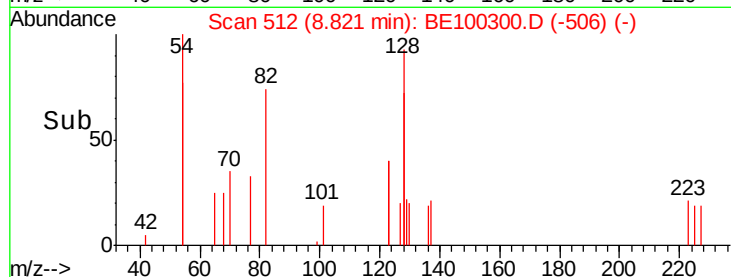
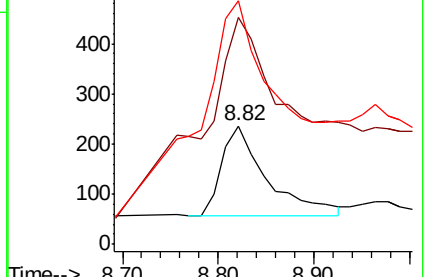
54 205.9 146.2 219.2



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.271 ng

RT: 12.05 min Scan# 752

Delta R.T. -0.00 min

Lab File: BE100300.D

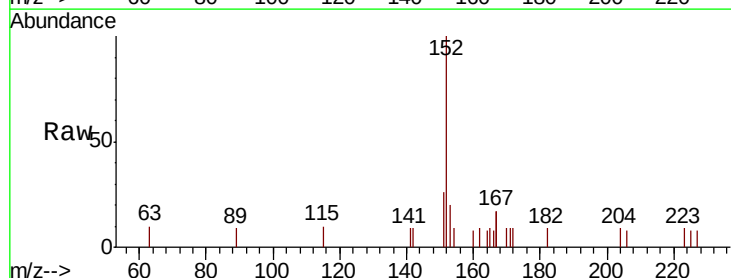
Acq: 2 Jul 2019 13:50

Tgt Ion: 152 Resp: 1293

Ion Ratio Lower Upper

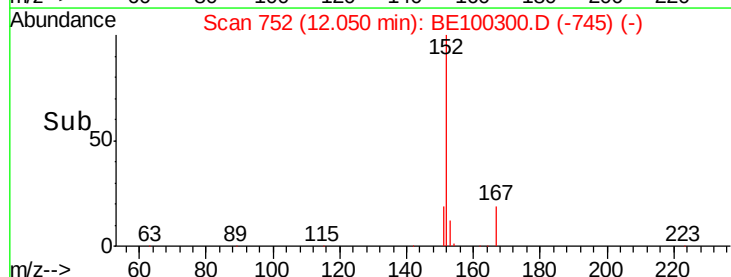
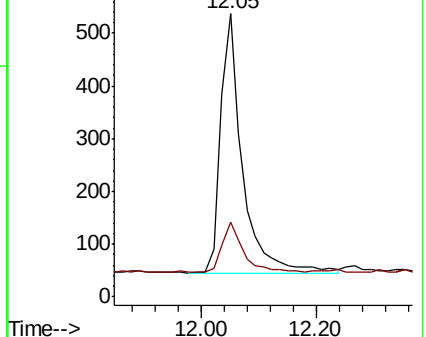
152 100

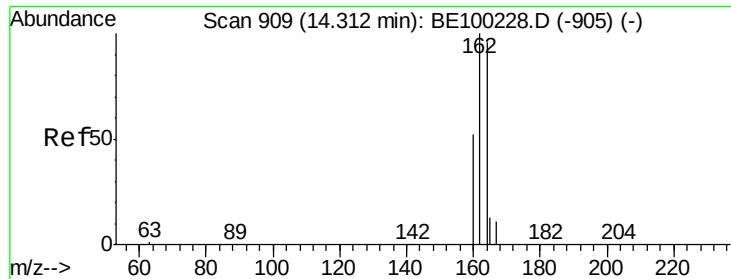
151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

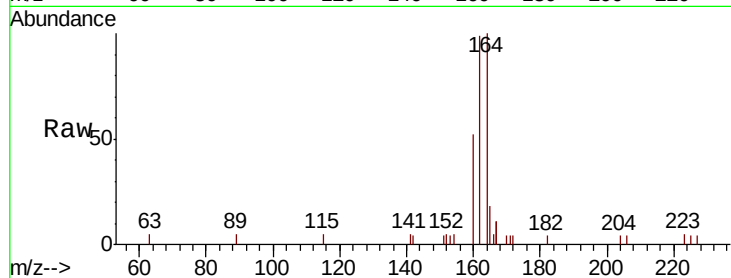




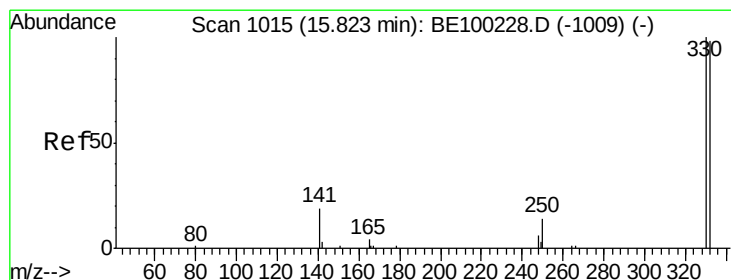
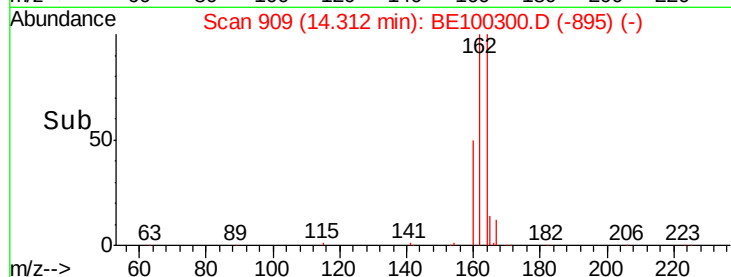
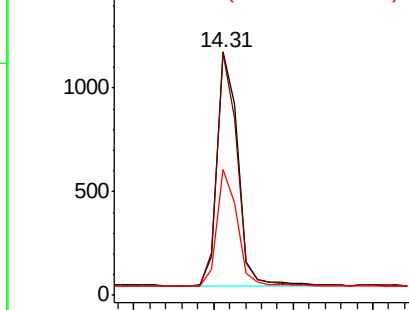
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100300.D
Acq: 2 Jul 2019 13:50

Instrument :
BNA_E
ClientSampleId :
PST-013-SW102-062019

Tgt Ion:164 Resp: 2019
Ion Ratio Lower Upper
164 100
162 99.3 83.4 125.0
160 51.9 45.0 67.6

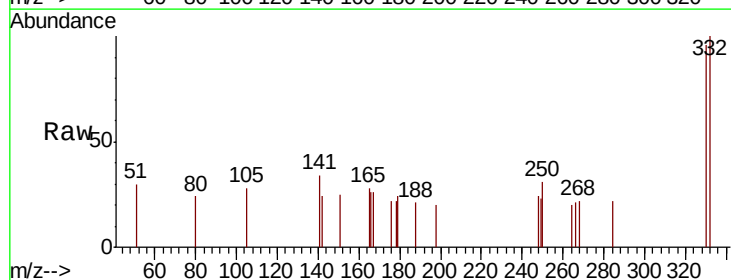


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

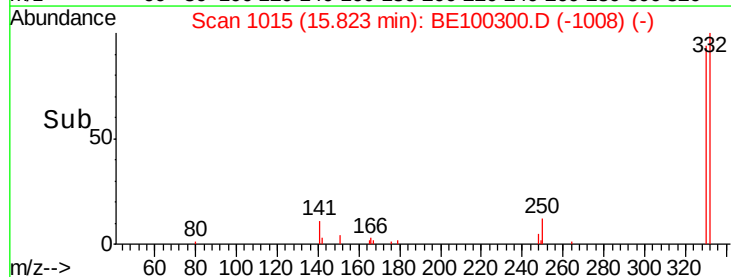
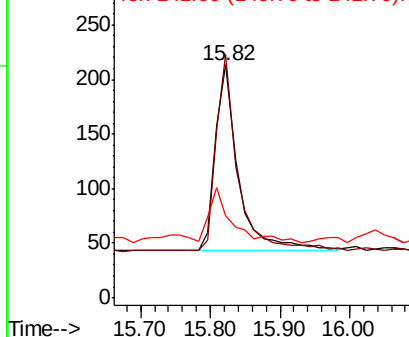


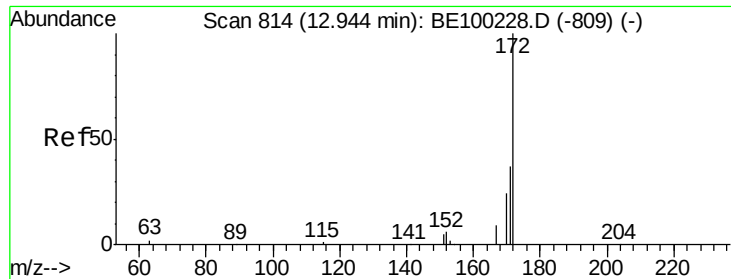
#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100300.D
Acq: 2 Jul 2019 13:50

Tgt Ion:330 Resp: 381
Ion Ratio Lower Upper
330 100
332 98.7 77.0 115.4
141 29.7 22.0 33.0



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

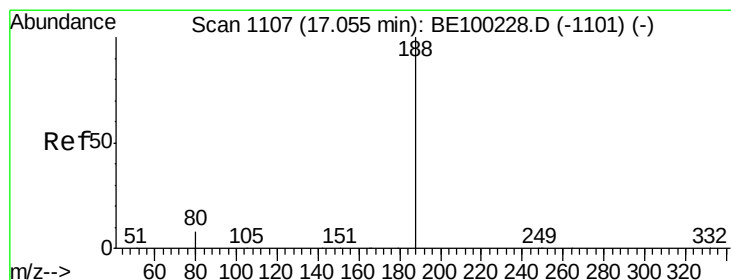
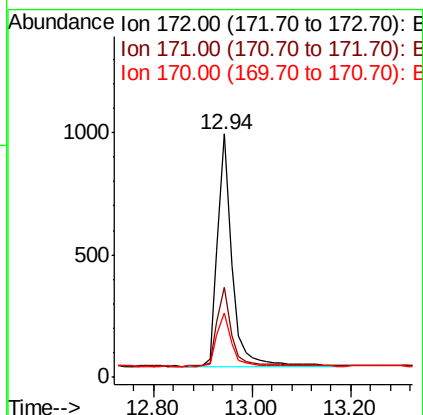
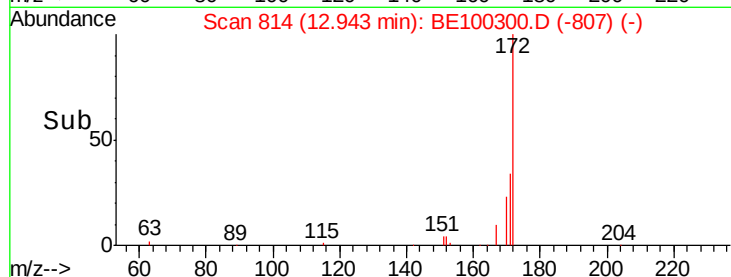
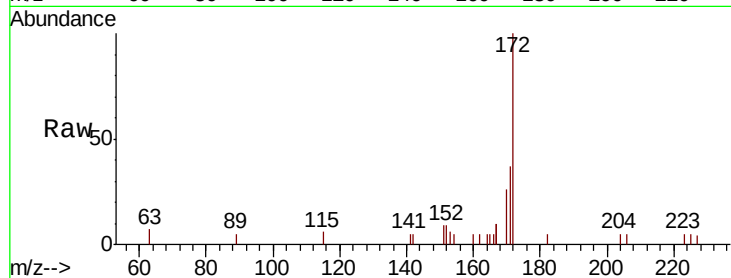




#15
2-Fluorobiphenyl
Concen: 0.245 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100300.D
Acq: 2 Jul 2019 13:50

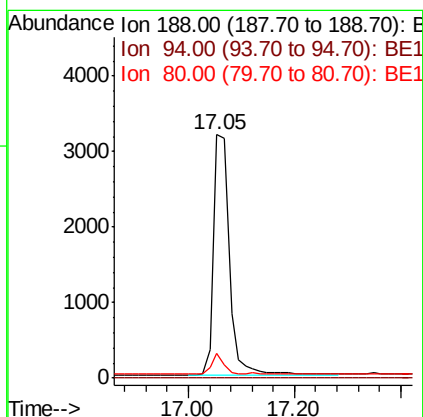
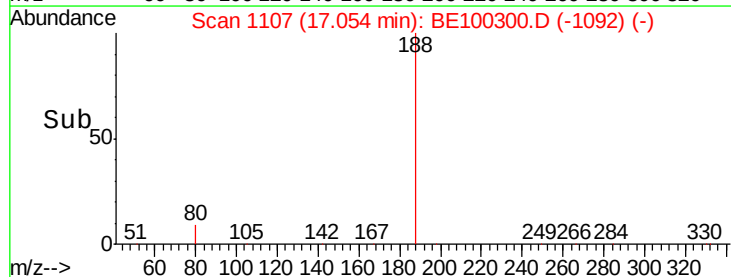
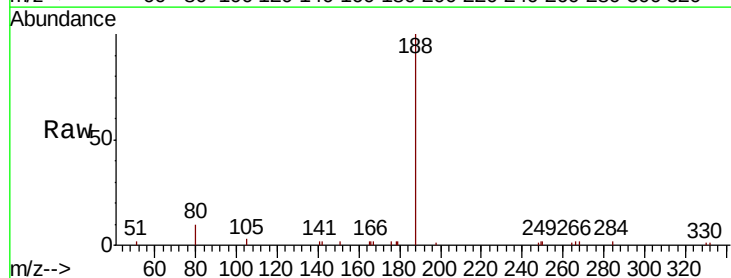
Instrument :
BNA_E
ClientSampleId :
PST-013-SW102-062019

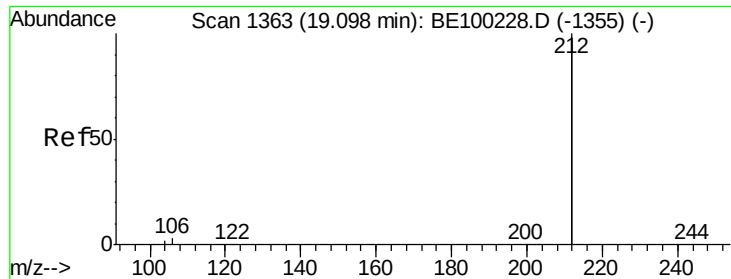
Tgt Ion:172 Resp: 1931
Ion Ratio Lower Upper
172 100
171 36.7 31.9 47.9
170 26.3 22.2 33.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100300.D
Acq: 2 Jul 2019 13:50

Tgt Ion:188 Resp: 6505
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 7.6 11.4





#25

Fluoranthene-d10

Concen: 0.237 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100300.D

Acq: 2 Jul 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PST-013-SW102-062019

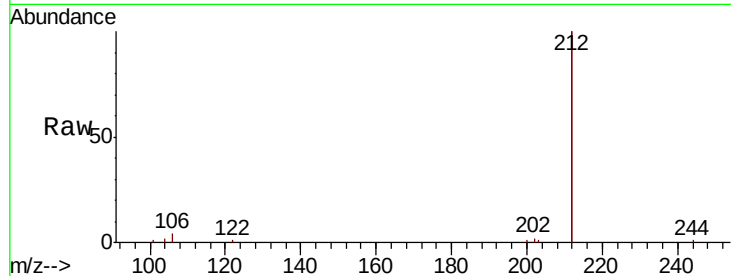
Tgt Ion:212 Resp: 22352

Ion Ratio Lower Upper

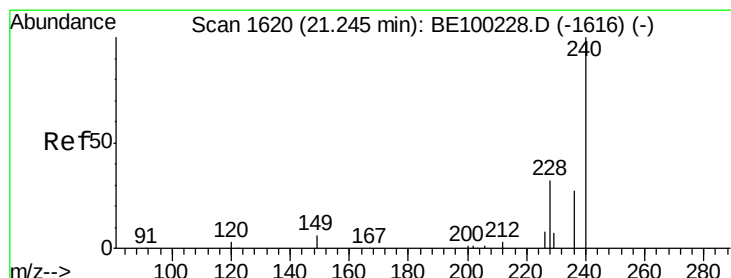
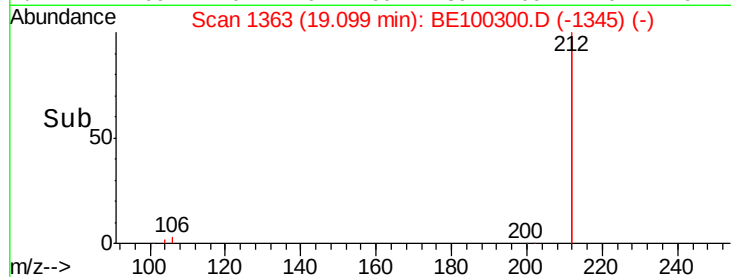
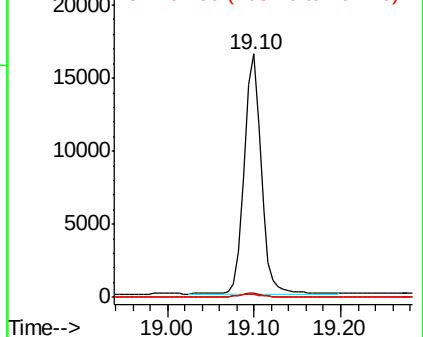
212 100

106 1.6 1.3 1.9

104 1.0 0.8 1.2



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: 21.24 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100300.D

Acq: 2 Jul 2019 13:50

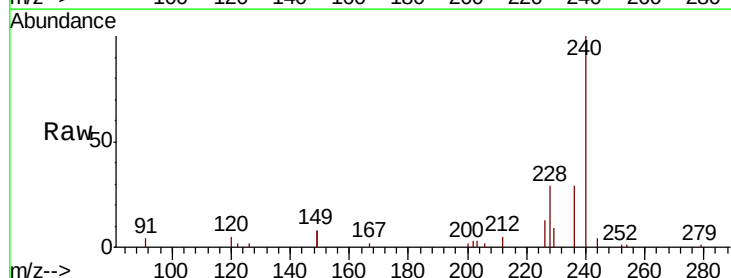
Tgt Ion:240 Resp: 8986

Ion Ratio Lower Upper

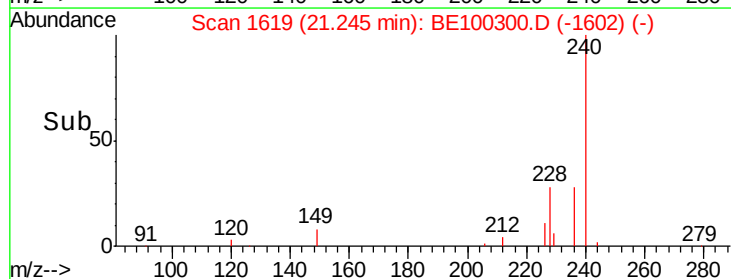
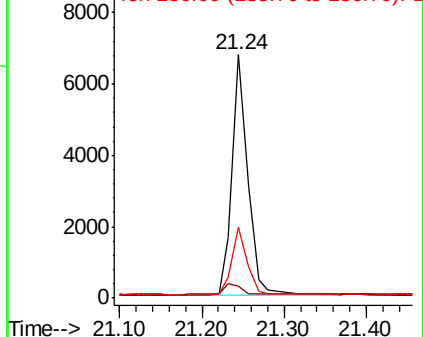
240 100

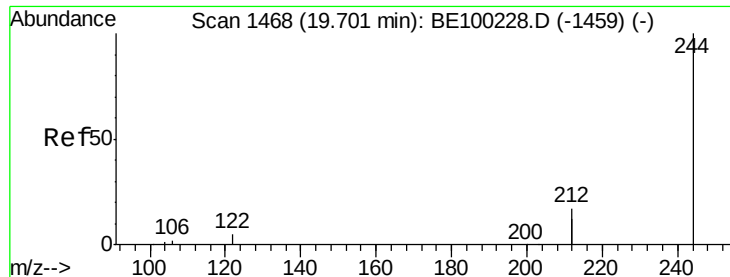
120 4.8 3.3 4.9

236 28.9 22.6 34.0



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: 0.261 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100300.D

Acq: 2 Jul 2019 13:50

Instrument :

BNA_E

ClientSampleId :

PST-013-SW102-062019

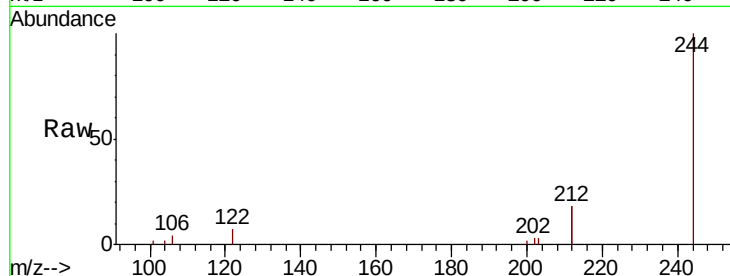
Tgt Ion:244 Resp: 4854

Ion Ratio Lower Upper

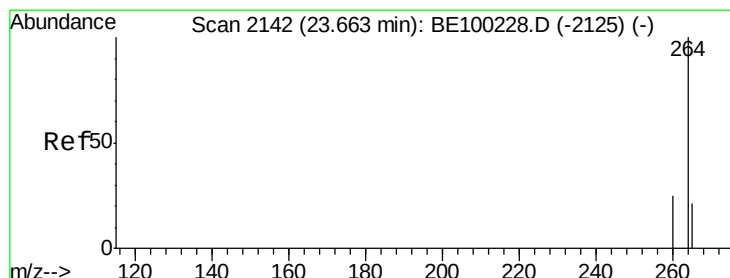
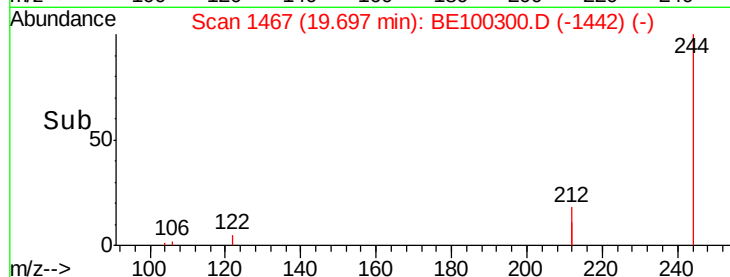
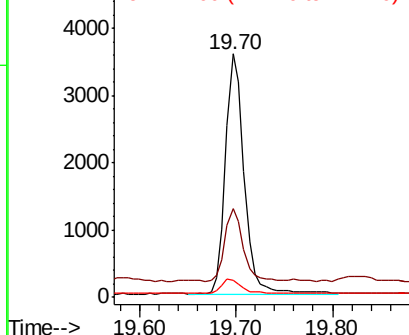
244 100

212 36.2 27.3 40.9

122 7.0 4.7 7.1



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: 23.67 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BE100300.D

Acq: 2 Jul 2019 13:50

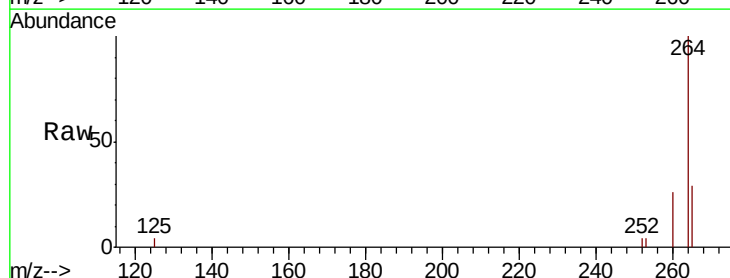
Tgt Ion:264 Resp: 11203

Ion Ratio Lower Upper

264 100

260 25.8 20.8 31.2

265 29.3 21.8 32.6



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

