

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122018\
 Data File : BE098539.D
 Acq On : 20 Dec 2018 15:06
 Operator : SJ/JU
 Sample : PB115587BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115587BL

Quant Time: Dec 21 05:02:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	16525	0.40	ng	-0.02
7) Naphthalene-d8	10.64	136	70616	0.40	ng	-0.03
13) Acenaphthene-d10	14.51	164	54893	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	212387	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	506144	0.40	ng	-0.01
34) Perylene-d12	23.98	264	537926	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	106496	2.75	ng	-0.01
5) Phenol-d6	7.01	99	168975	3.08	ng	-0.03
8) Nitrobenzene-d5	9.00	82	103507	1.61	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	7	0.00	ng	-0.06
14) 2,4,6-Tribromophenol	16.00	330	84672	4.20	ng	-0.02
15) 2-Fluorobiphenyl	13.13	172	245754	1.06	ng	-0.01
25) Fluoranthene-d10	19.27	212	13	0.00	ng	-0.04
29) Terphenyl-d14	19.89	244	1171745	0.95	ng	-0.01

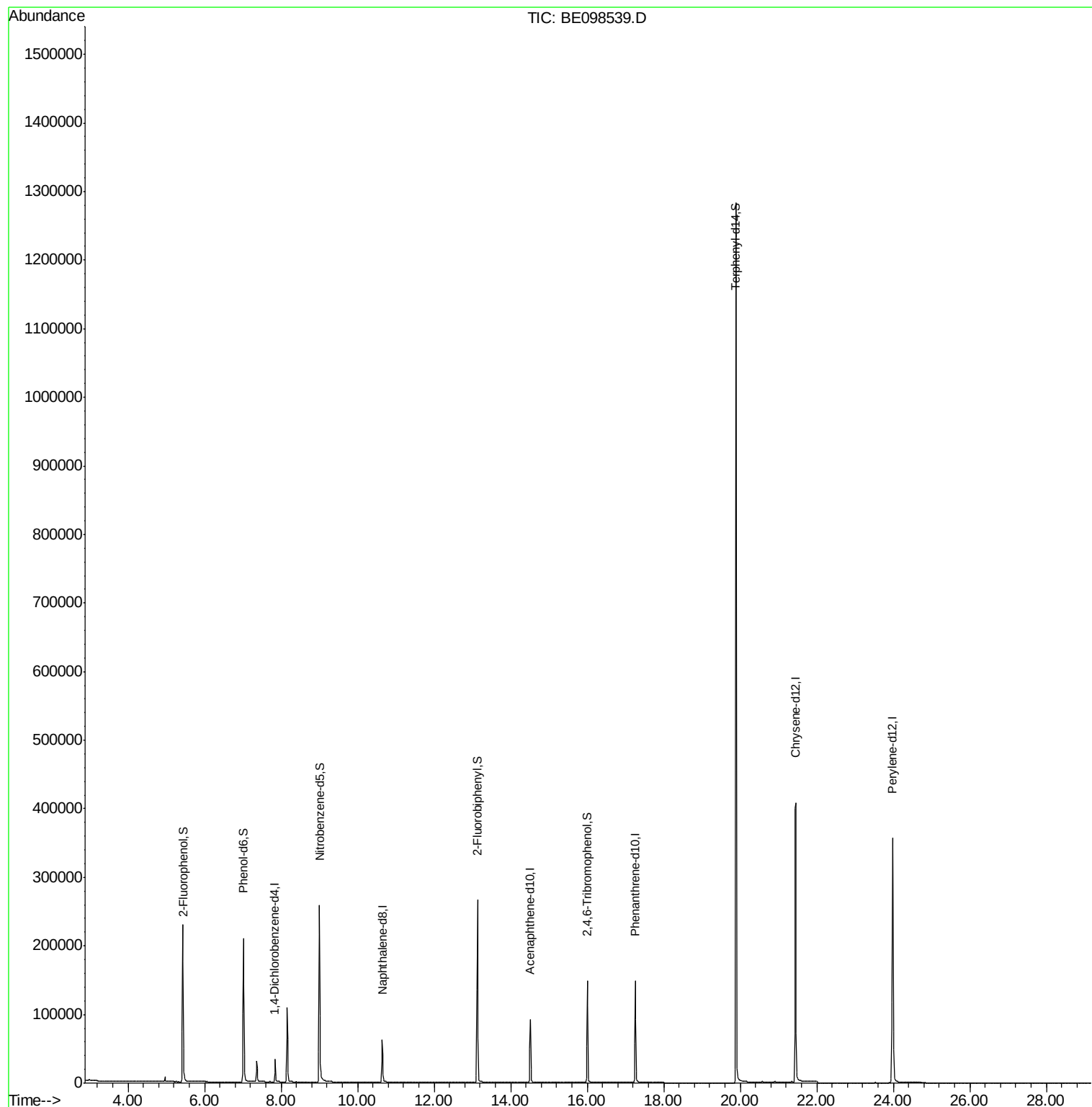
Target Compounds	Qvalue
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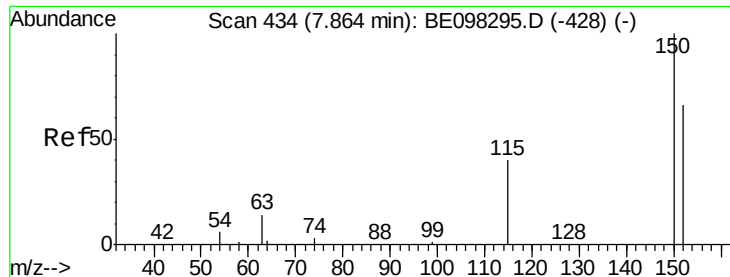
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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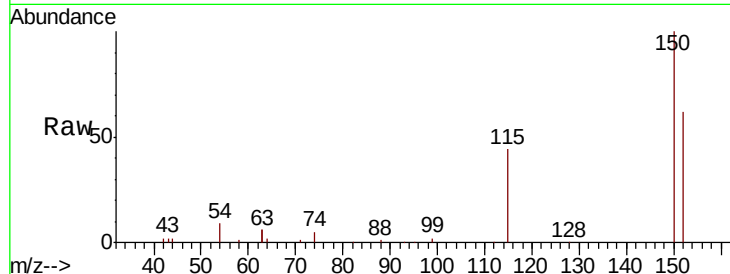


#1

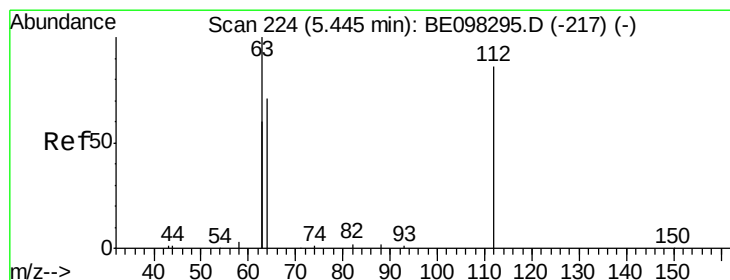
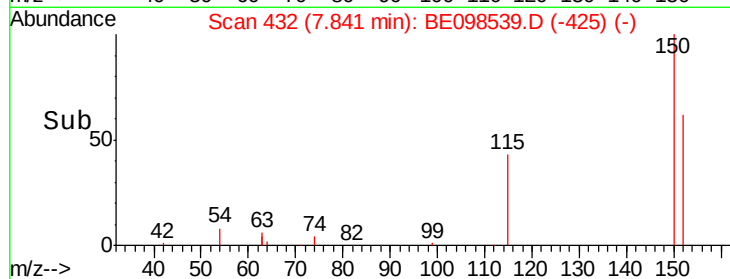
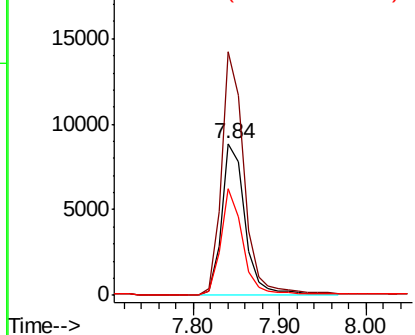
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.02 min
Lab File: BE098539.D
Acq: 20 Dec 2018 15:06

Instrument :
BNA_E
ClientSampleId :
PB115587BL

Tgt Ion:152 Resp: 16525
Ion Ratio Lower Upper
152 100
150 160.7 124.2 186.4
115 70.0 53.9 80.9



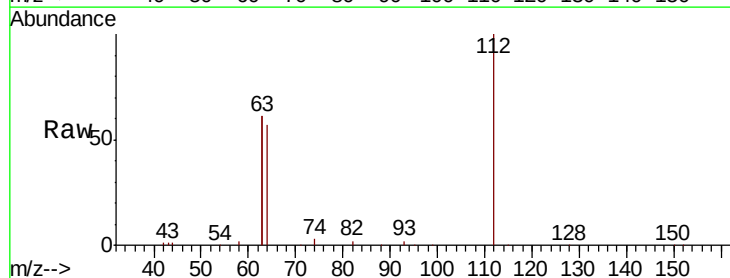
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



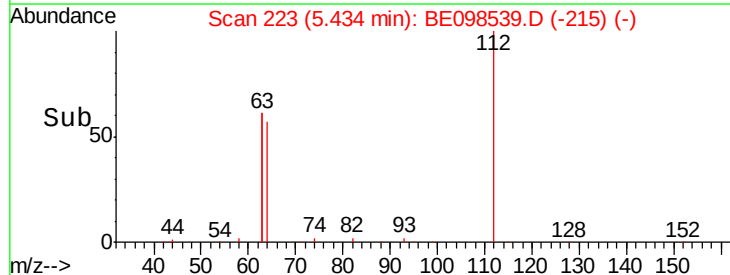
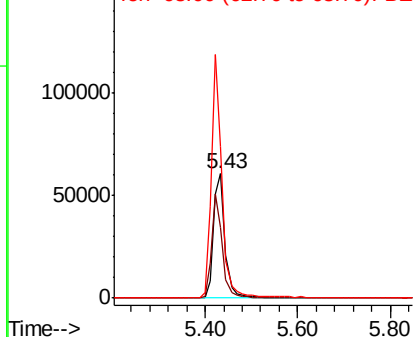
#4

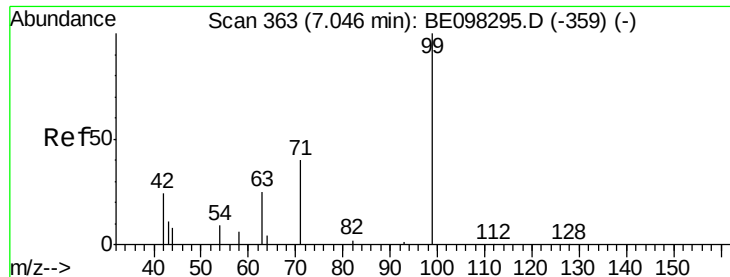
2-Fluorophenol
Concen: 2.754 ng
RT: 5.43 min Scan# 223
Delta R.T. -0.01 min
Lab File: BE098539.D
Acq: 20 Dec 2018 15:06

Tgt Ion:112 Resp: 106496
Ion Ratio Lower Upper
112 100
64 77.7 59.8 89.8
63 179.2 133.7 200.5



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: 3.085 ng

RT: 7.01 min Scan# 360

Delta R.T. -0.03 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Instrument :

BNA_E

ClientSampleId :

PB115587BL

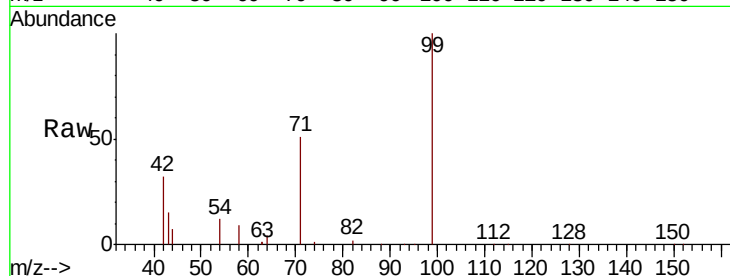
Tgt Ion: 99 Resp: 168975

Ion Ratio Lower Upper

99 100

42 30.4 26.3 39.5

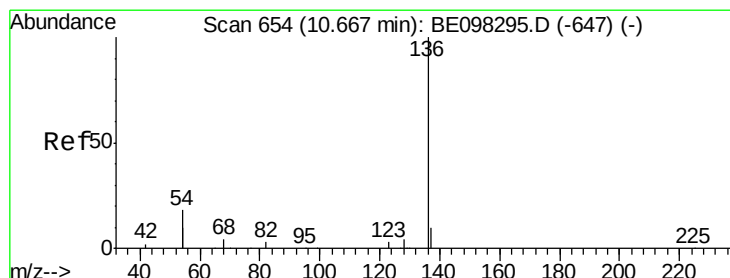
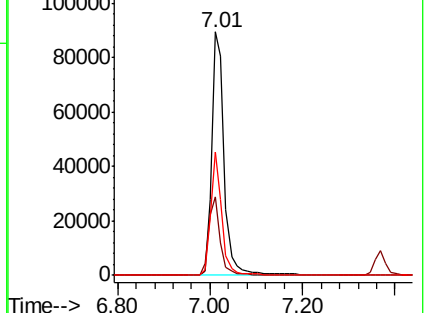
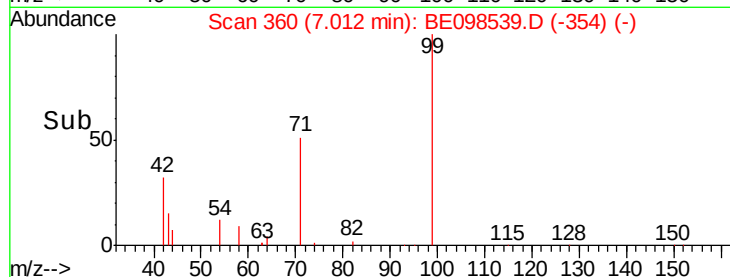
71 45.6 33.6 50.4



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: 10.64 min Scan# 652

Delta R.T. -0.03 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Tgt Ion: 136 Resp: 70616

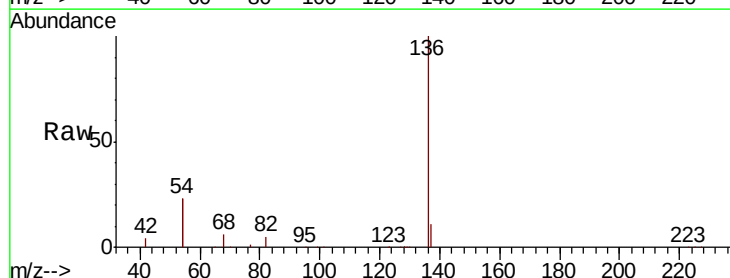
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 45.5 28.4 42.6#

68 6.4 5.4 8.0

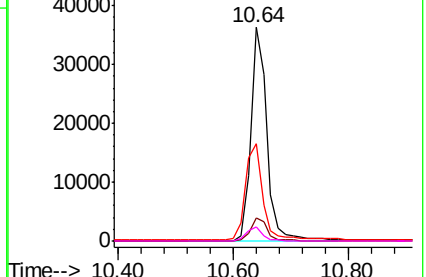
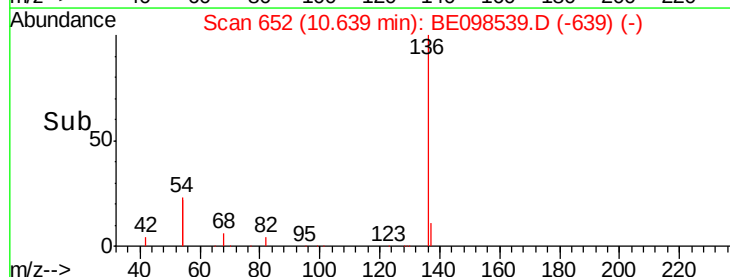


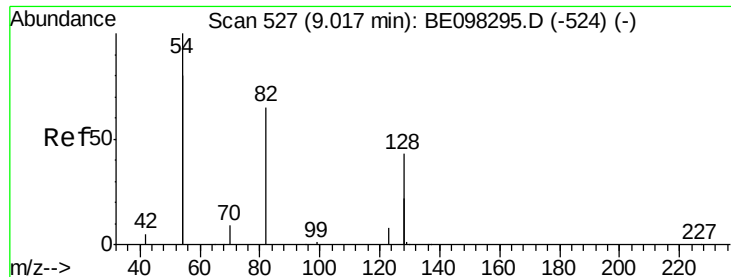
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 1.610 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.01 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Instrument :

BNA_E

ClientSampleId :

PB115587BL

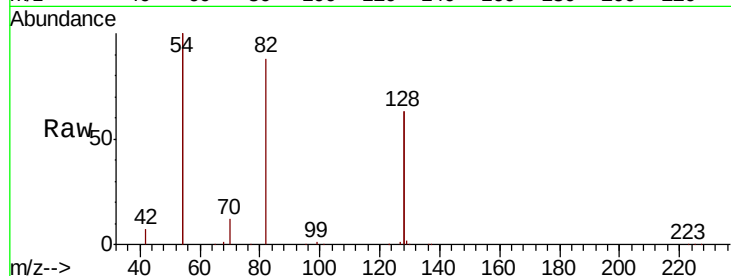
Tgt Ion: 82 Resp: 103507

Ion Ratio Lower Upper

82 100

128 141.5 102.4 153.6

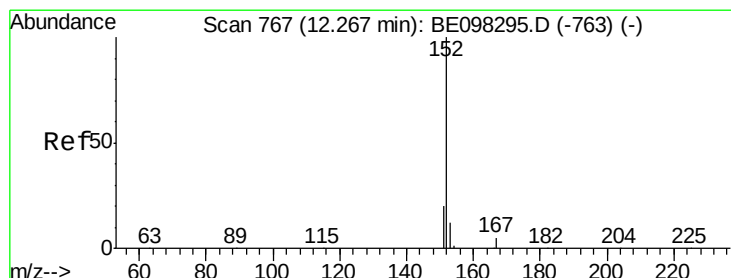
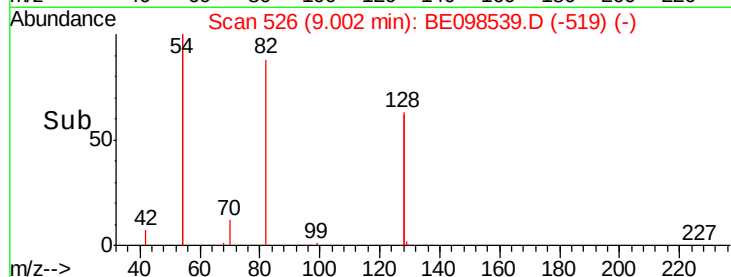
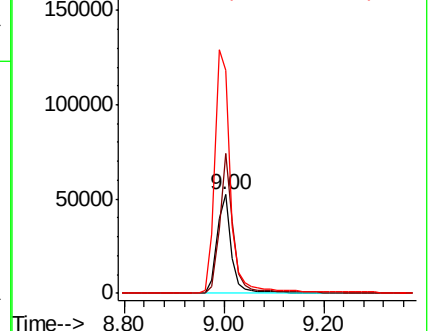
54 226.0 221.8 332.8



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: 0.000 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.06 min

Lab File: BE098539.D

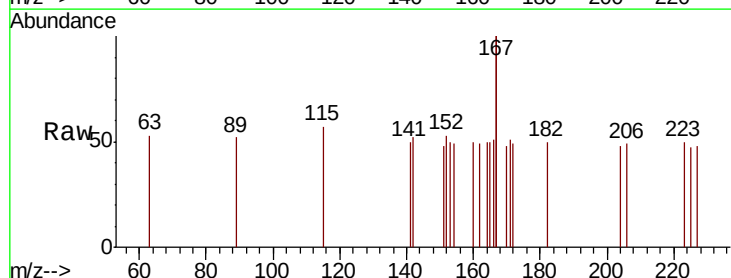
Acq: 20 Dec 2018 15:06

Tgt Ion: 152 Resp: 7

Ion Ratio Lower Upper

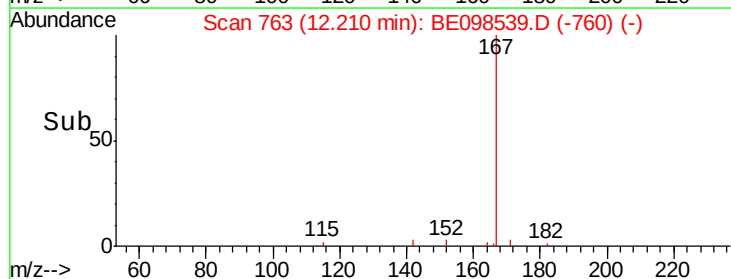
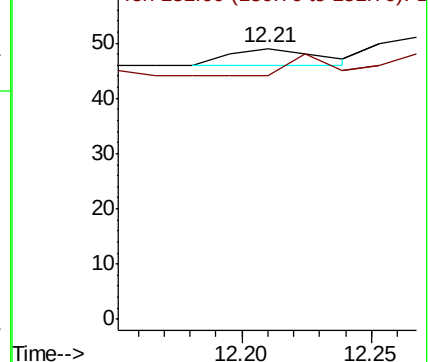
152 100

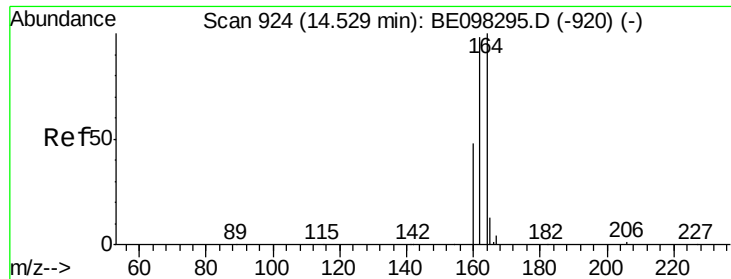
151 57.1 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

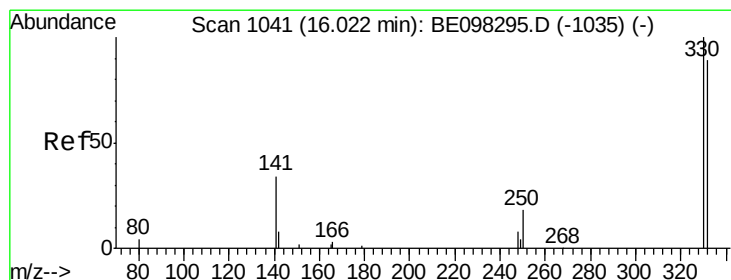
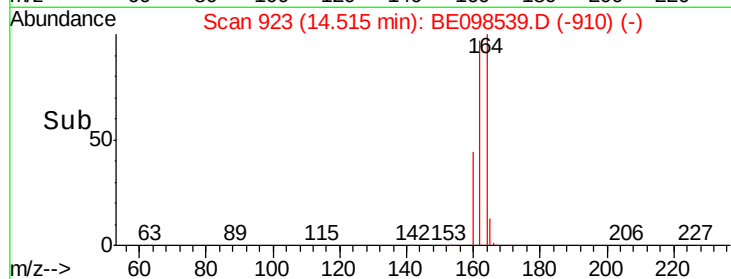
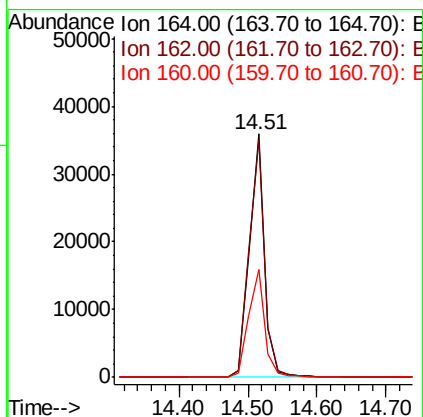
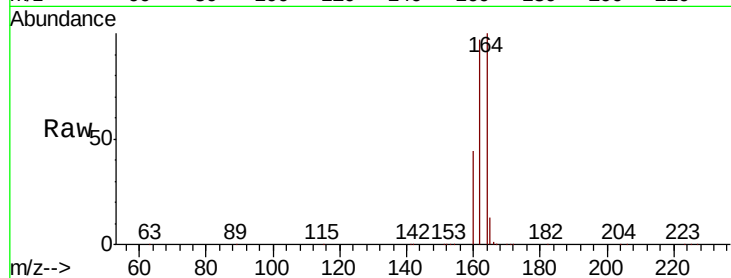




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BE098539.D
 Acq: 20 Dec 2018 15:06

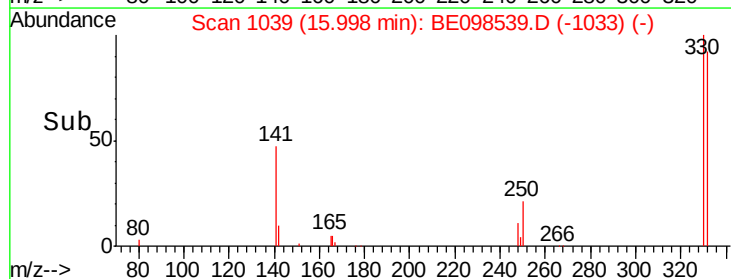
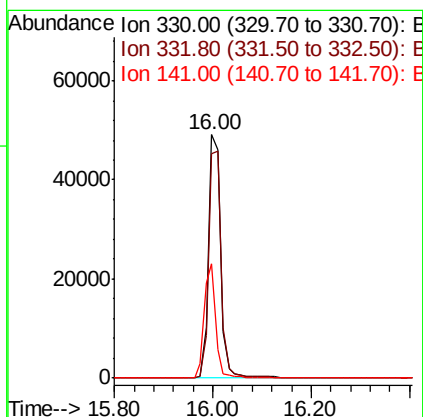
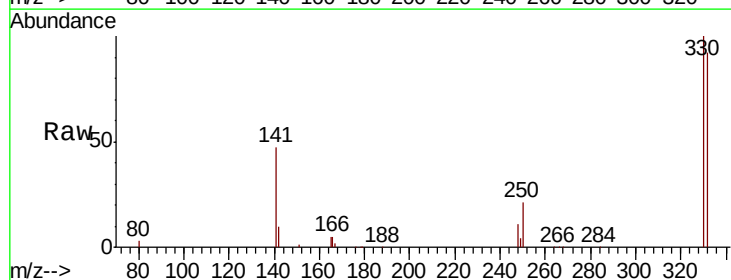
Instrument :
 BNA_E
 ClientSampleId :
 PB115587BL

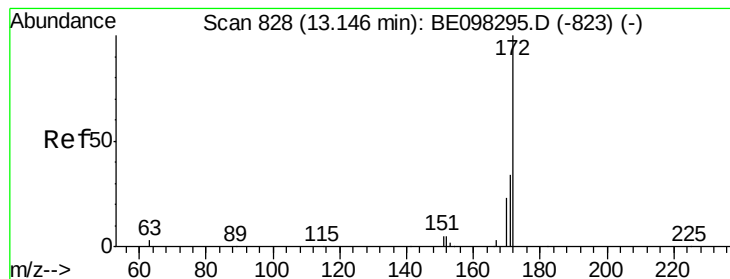
Tgt Ion:164 Resp: 54893
 Ion Ratio Lower Upper
 164 100
 162 97.3 77.6 116.4
 160 44.1 36.0 54.0



#14
 2,4,6-Tribromophenol
 Concen: 4.201 ng
 RT: 16.00 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BE098539.D
 Acq: 20 Dec 2018 15:06

Tgt Ion:330 Resp: 84672
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 44.3 39.0 58.4





#15

2-Fluorobiphenyl

Concen: 1.061 ng

RT: 13.13 min Scan# 827

Delta R.T. -0.01 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Instrument :

BNA_E

ClientSampleId :

PB115587BL

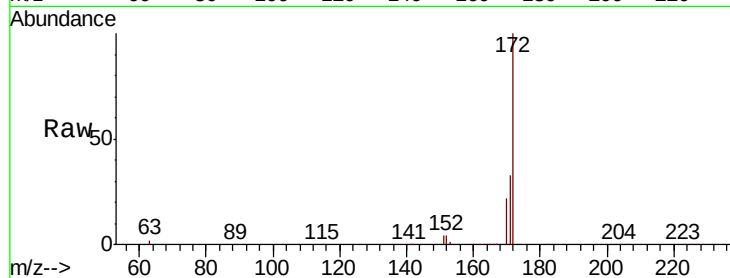
Tgt Ion:172 Resp: 245754

Ion Ratio Lower Upper

172 100

171 32.9 27.5 41.3

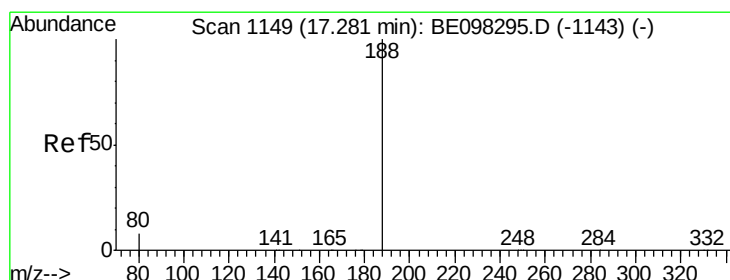
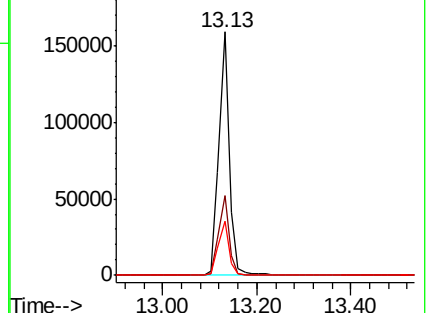
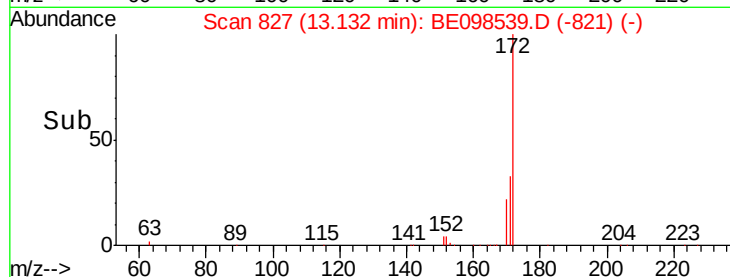
170 22.2 19.6 29.4



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: 17.26 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

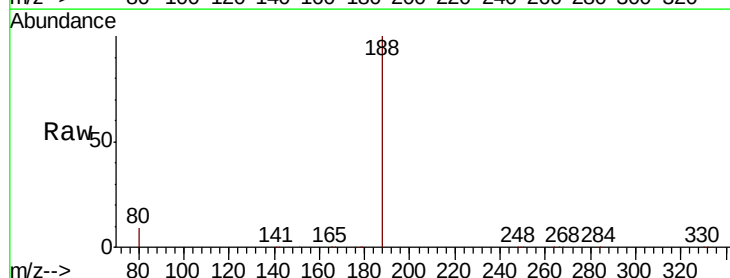
Tgt Ion:188 Resp: 212387

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

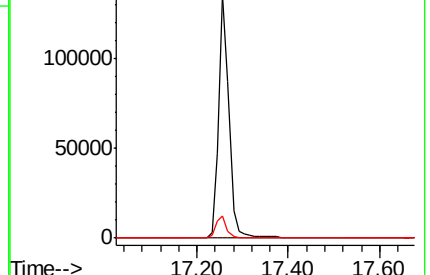
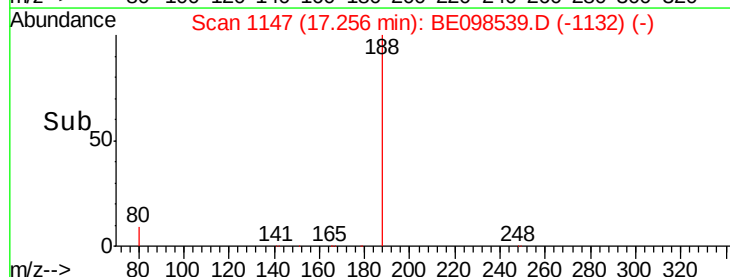
80 9.0 7.2 10.8

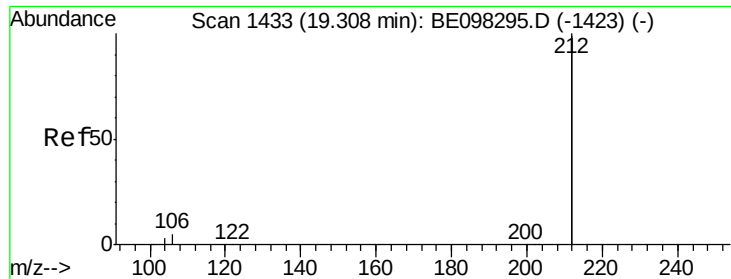


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.000 ng

RT: 19.27 min Scan# 1426

Delta R.T. -0.04 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Instrument :

BNA_E

ClientSampleId :

PB115587BL

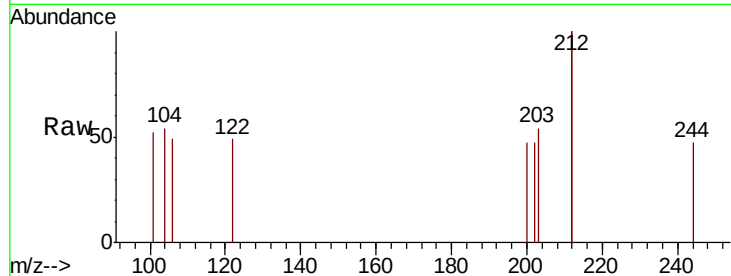
Tgt Ion: 212 Resp: 13

Ion Ratio Lower Upper

212 100

106 53.8 2.2 3.2#

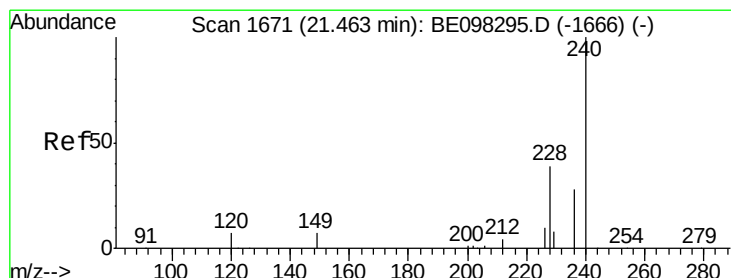
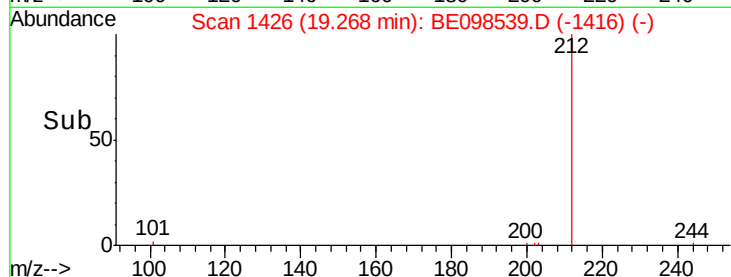
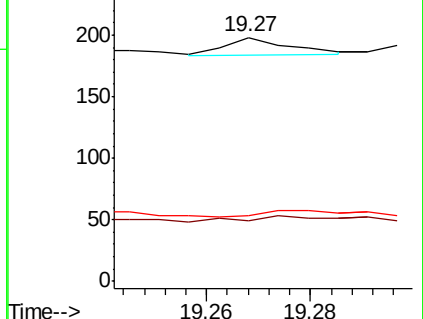
104 53.8 1.3 1.9#



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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

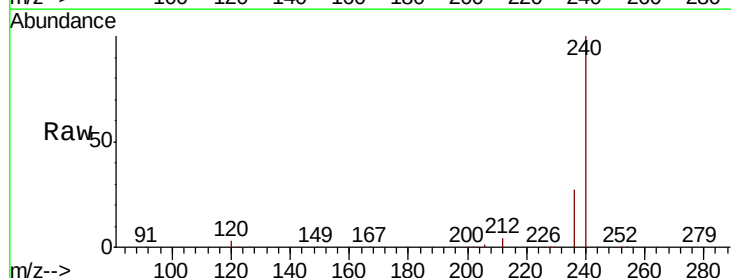
Tgt Ion: 240 Resp: 506144

Ion Ratio Lower Upper

240 100

120 2.9 9.5 14.3#

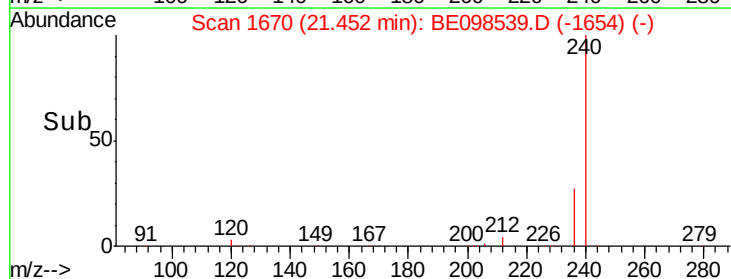
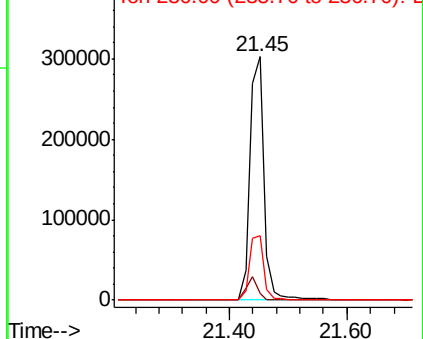
236 26.5 22.7 34.1

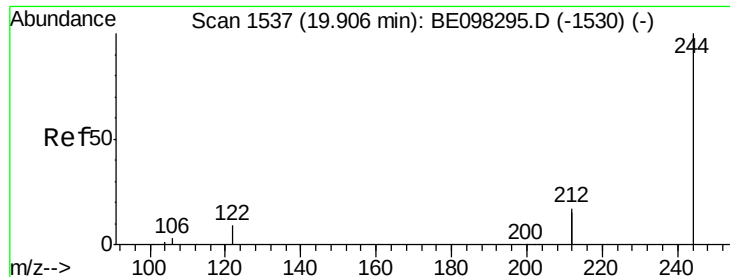


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.953 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

Instrument :

BNA_E

ClientSampleId :

PB115587BL

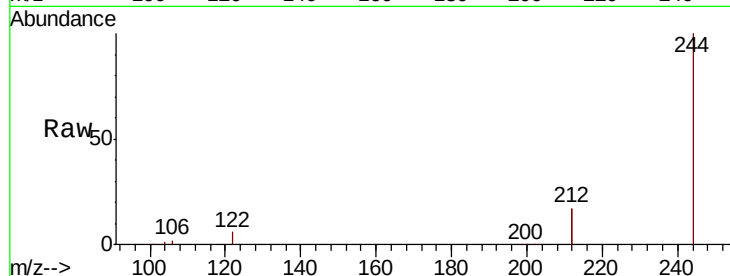
Tgt Ion:244 Resp: 1171745

Ion Ratio Lower Upper

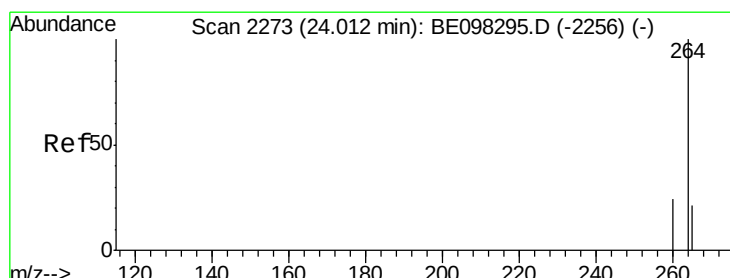
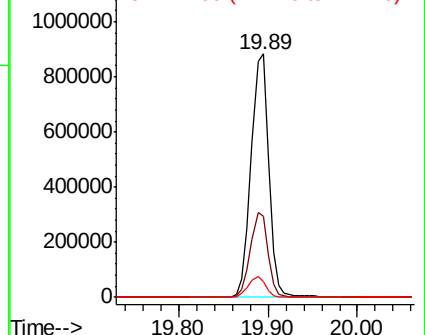
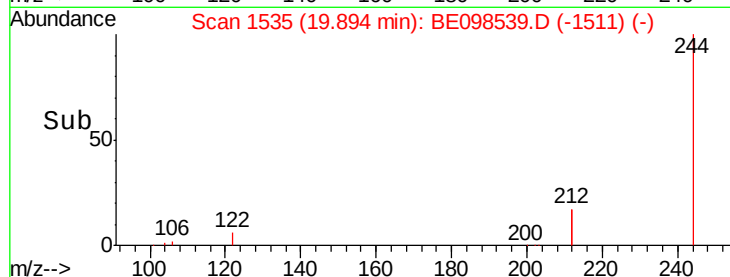
244 100

212 33.5 27.4 41.0

122 6.4 8.3 12.5#



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: 23.98 min Scan# 2265

Delta R.T. -0.03 min

Lab File: BE098539.D

Acq: 20 Dec 2018 15:06

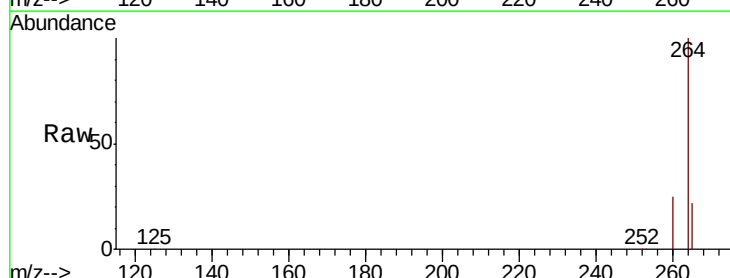
Tgt Ion:264 Resp: 537926

Ion Ratio Lower Upper

264 100

260 25.4 20.2 30.2

265 21.9 25.2 37.8#



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

