

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121418\
 Data File : BE098440.D
 Acq On : 14 Dec 2018 17:47
 Operator : SJ/JU
 Sample : PB115633BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115633BL

Quant Time: Dec 14 23:41:22 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	7.86	152	746	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	2862	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1861	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	5086	0.40	ng	0.00
27) Chrysene-d12	21.46	240	6115	0.40	ng	0.00
34) Perylene-d12	24.00	264	5691	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	689	0.39	ng	0.01
5) Phenol-d6	7.07	99	602	0.24	ng	0.02
8) Nitrobenzene-d5	9.08	82	513	0.20	ng	0.06
11) 2-Methylnaphthalene-d10	12.28	152	1355	0.29	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	204	0.30	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	1946	0.25	ng	0.01
25) Fluoranthene-d10	19.31	212	20993	0.32	ng	0.00
29) Terphenyl-d14	19.91	244	3174	0.21	ng	0.00

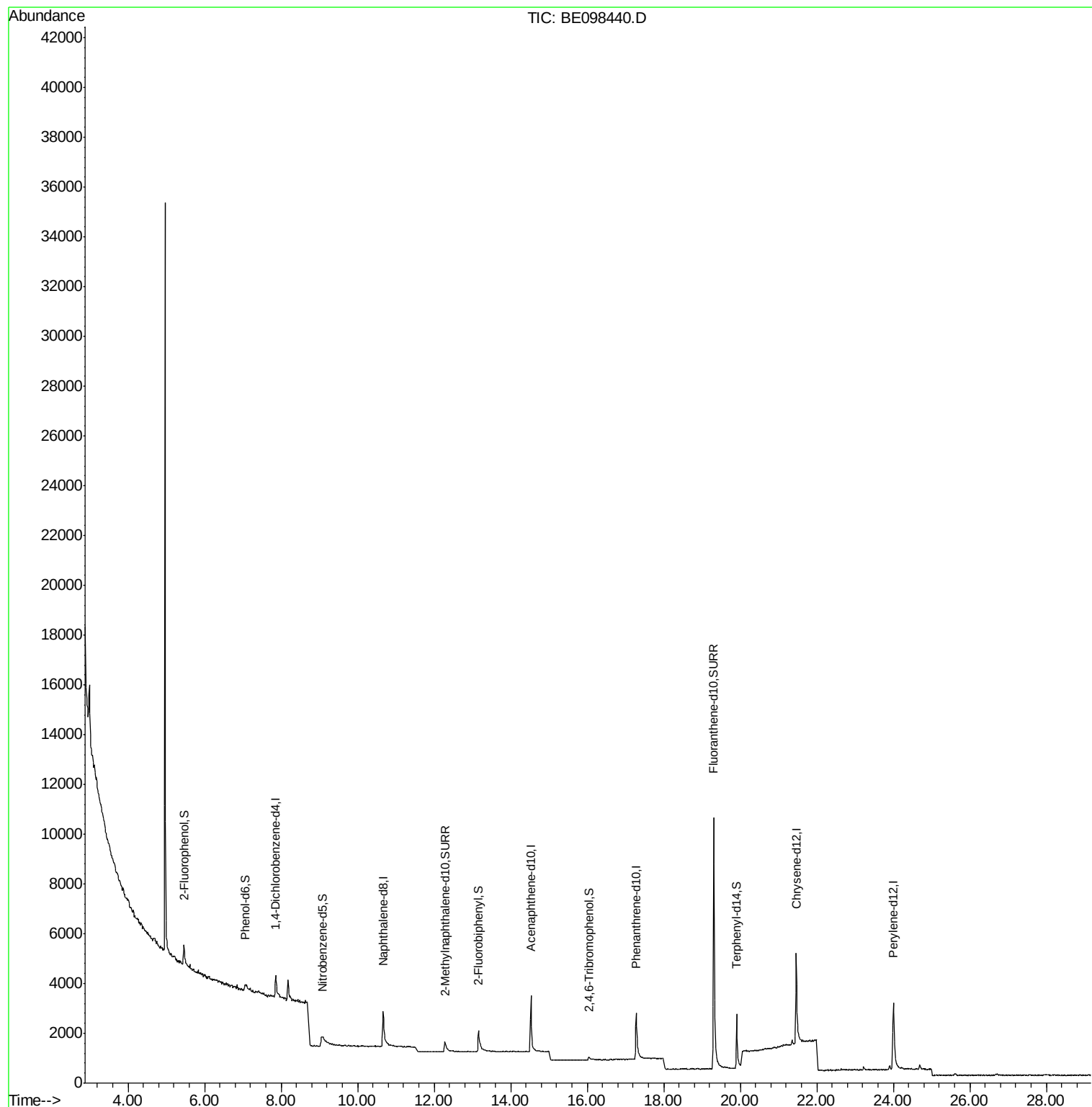
Target Compounds	Qvalue
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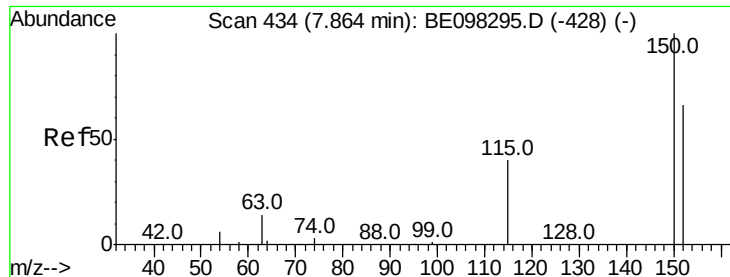
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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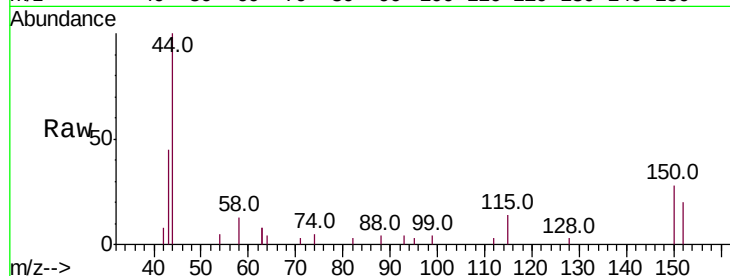


#1

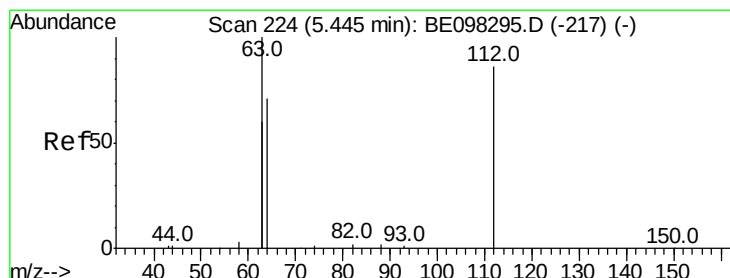
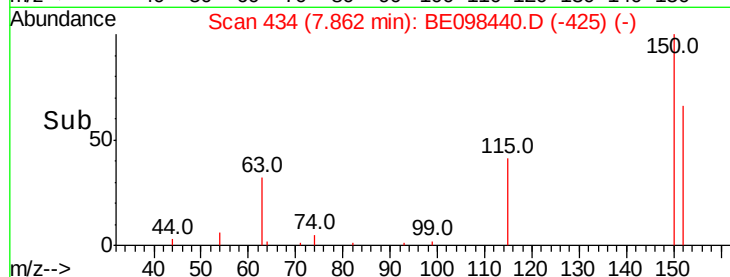
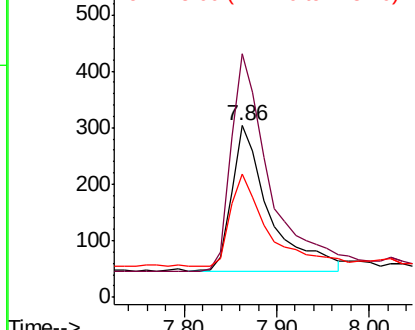
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098440.D
Acq: 14 Dec 2018 17:47

Instrument :
BNA_E
ClientSampleId :
PB115633BL

Tot Ion:152 Resp: 746
Ion Ratio Lower Upper
152 100
150 141.8 124.2 186.4
115 71.4 53.9 80.9



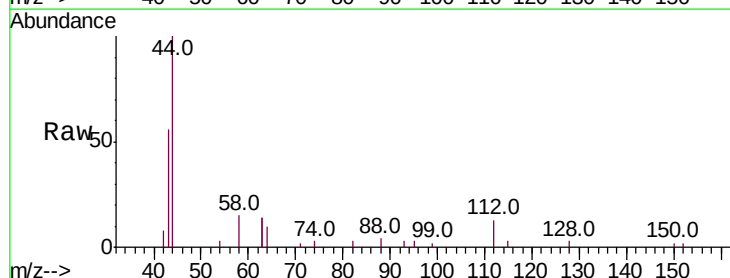
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



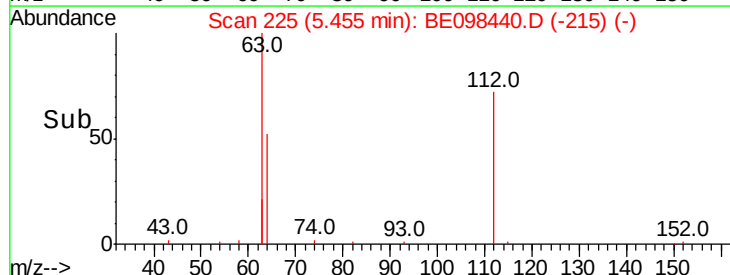
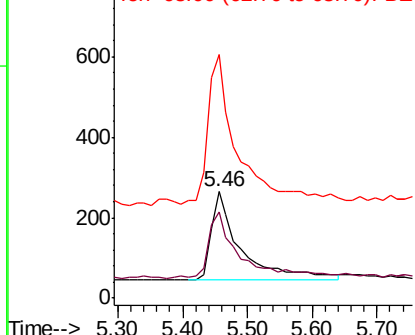
#4

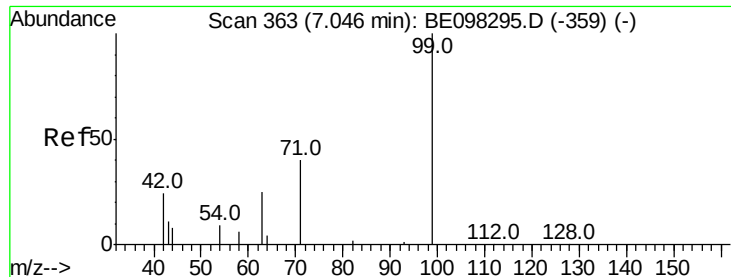
2-Fluorophenol
Concen: 0.395 ng
RT: 5.46 min Scan# 225
Delta R.T. 0.01 min
Lab File: BE098440.D
Acq: 14 Dec 2018 17:47

Tgt Ion:112 Resp: 689
Ion Ratio Lower Upper
112 100
64 81.4 59.8 89.8
63 177.4 133.7 200.5



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: 0.243 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098440.D

Acq: 14 Dec 2018 17:47

Instrument :

BNA_E

ClientSampleId :

PB115633BL

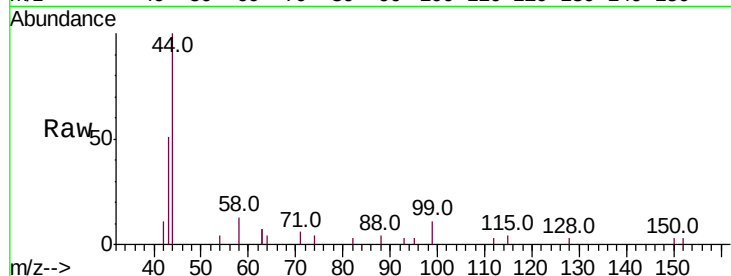
Tot Ion: 99 Resp: 602

Ion Ratio Lower Upper

99 100

42 37.4 26.3 39.5

71 42.0 33.6 50.4

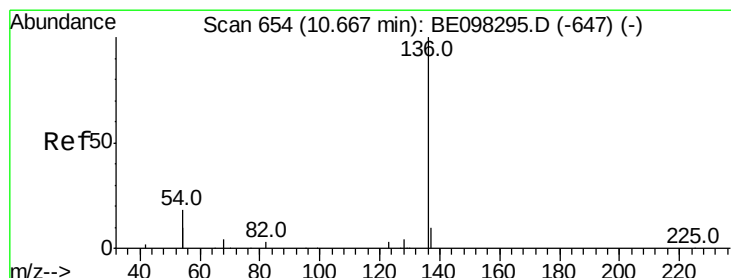
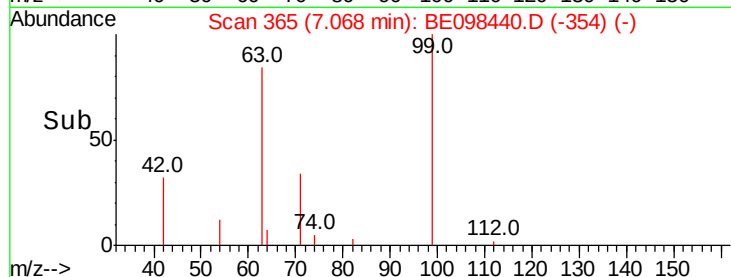
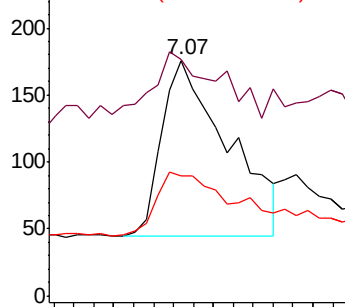


Abundance

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098440.D

Acq: 14 Dec 2018 17:47

Tgt Ion: 136 Resp: 2862

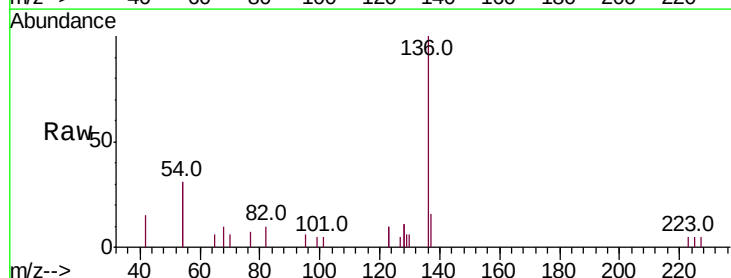
Ion Ratio Lower Upper

136 100

137 16.0 9.2 13.8#

54 61.6 28.4 42.6#

68 10.2 5.4 8.0#



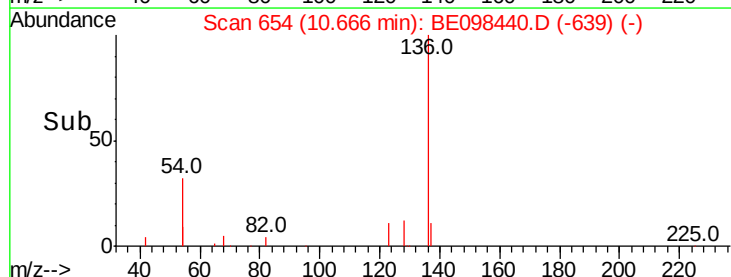
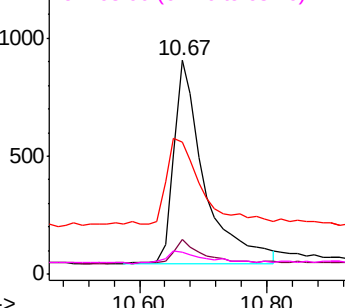
Abundance

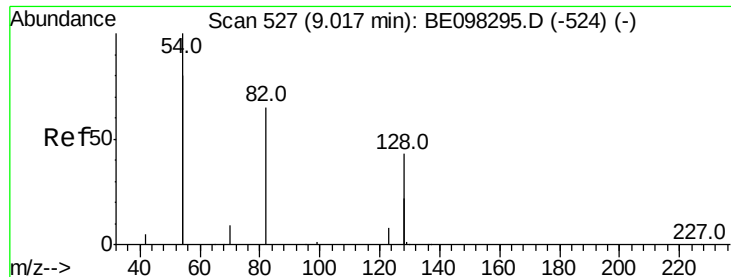
Ion 136.00 (135.70 to 136.70): E

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: 0.197 ng

RT: 9.08 min Scan# 532

Delta R.T. 0.06 min

Lab File: BE098440.D

Acq: 14 Dec 2018 17:47

Instrument :

BNA_E

ClientSampleId :

PB115633BL

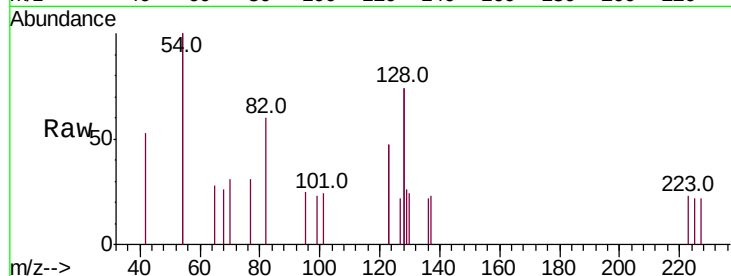
Tot Ion: 82 Resp: 513

Ion Ratio Lower Upper

82 100

128 246.3 102.4 153.6#

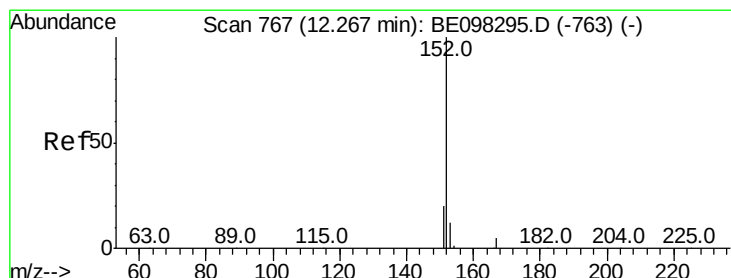
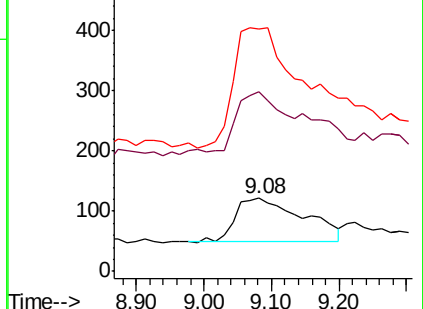
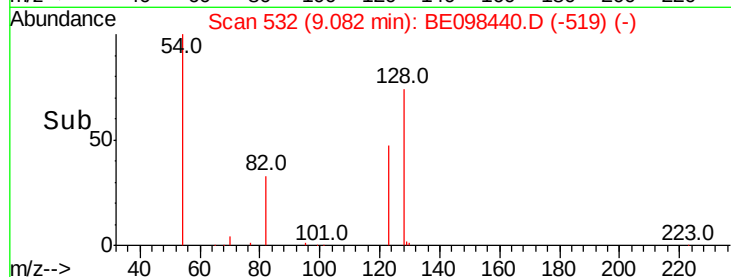
54 332.2 221.8 332.8



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: 0.291 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098440.D

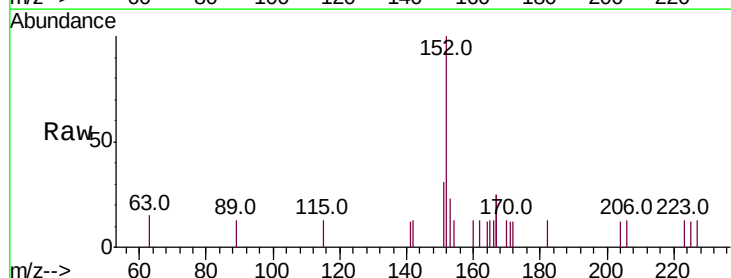
Acq: 14 Dec 2018 17:47

Tgt Ion: 152 Resp: 1355

Ion Ratio Lower Upper

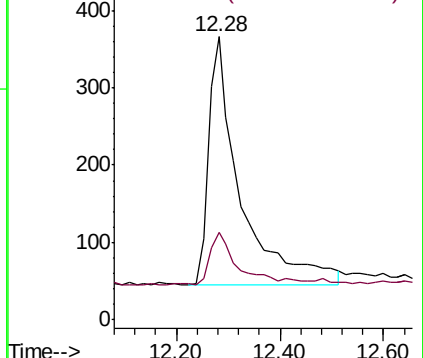
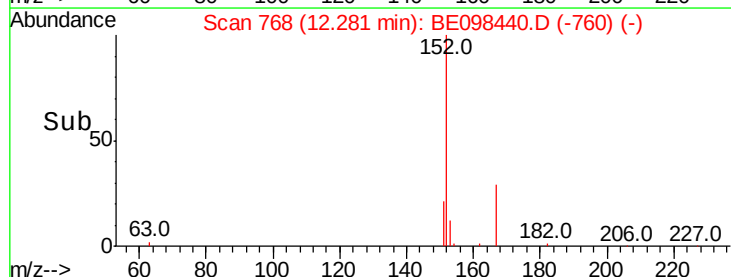
152 100

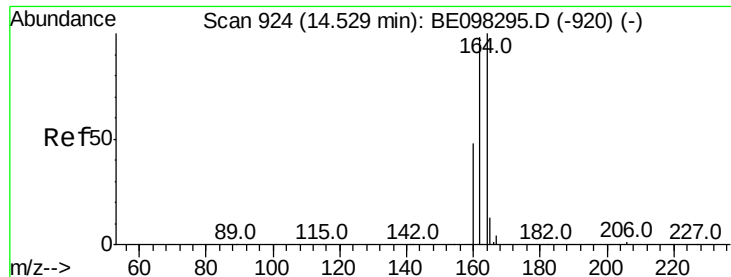
151 17.9 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

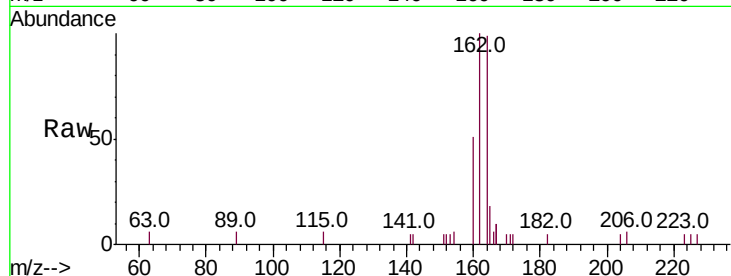




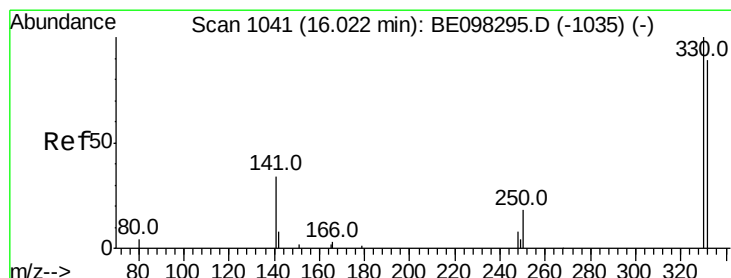
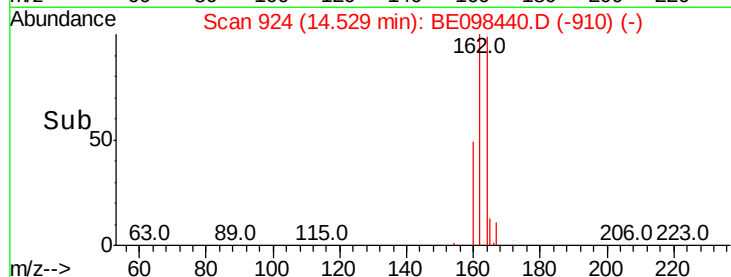
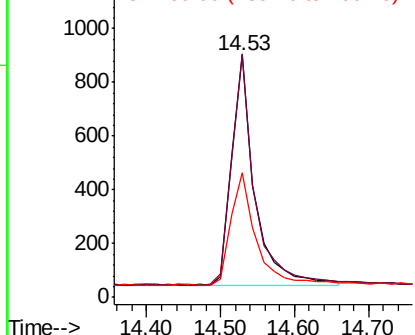
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098440.D
 Acq: 14 Dec 2018 17:47

Instrument :
 BNA_E
 ClientSampleId :
 PB115633BL

Tot Ion:164 Resp: 1861
 Ion Ratio Lower Upper
 164 100
 162 100.7 77.6 116.4
 160 51.3 36.0 54.0

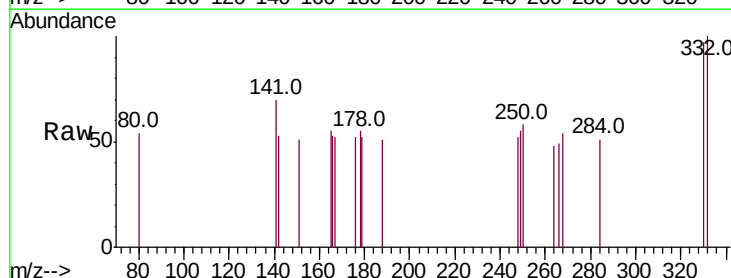


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

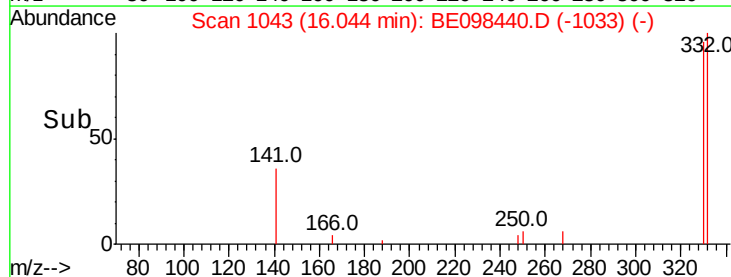
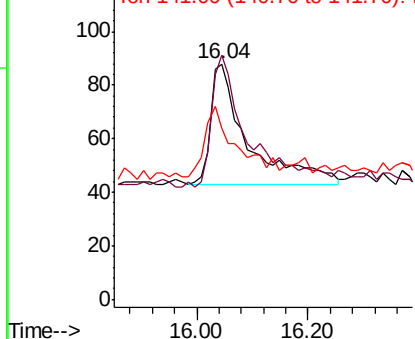


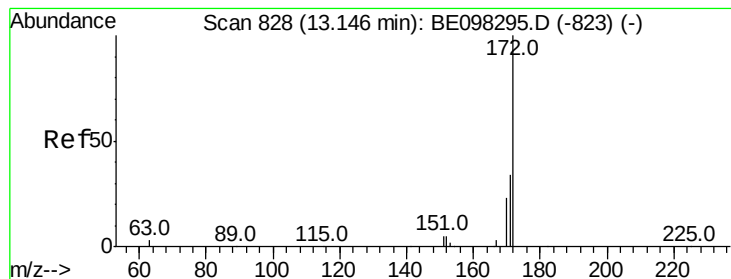
#14
 2,4,6-Tribromophenol
 Concen: 0.299 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BE098440.D
 Acq: 14 Dec 2018 17:47

Tgt Ion:330 Resp: 204
 Ion Ratio Lower Upper
 330 100
 332 113.2 76.2 114.4
 141 49.0 39.0 58.4



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: 0.248 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098440.D

Acq: 14 Dec 2018 17:47

Instrument :

BNA_E

ClientSampleId :

PB115633BL

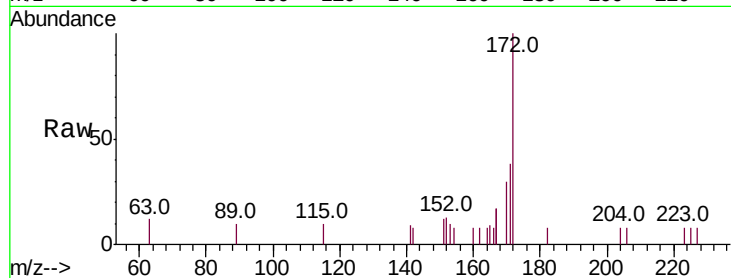
Tot Ion:172 Resp: 1946

Ion Ratio Lower Upper

172 100

171 37.7 27.5 41.3

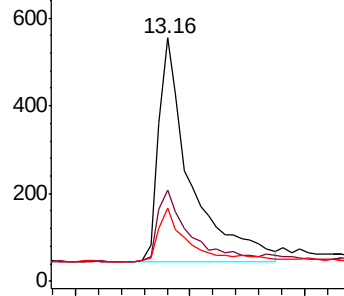
170 30.3 19.6 29.4#



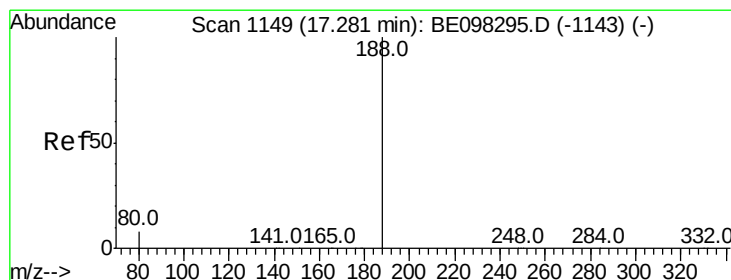
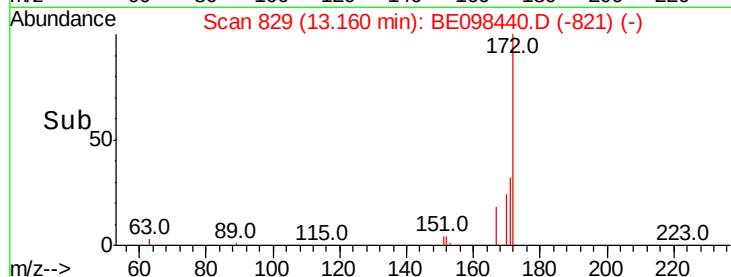
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098440.D

Acq: 14 Dec 2018 17:47

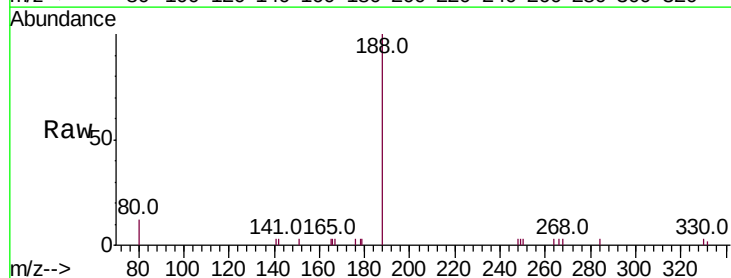
Tgt Ion:188 Resp: 5086

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

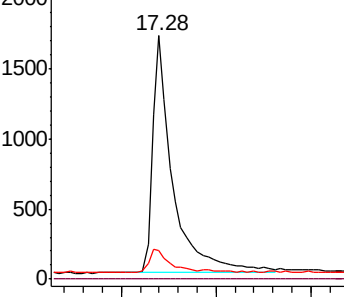
80 11.5 7.2 10.8#



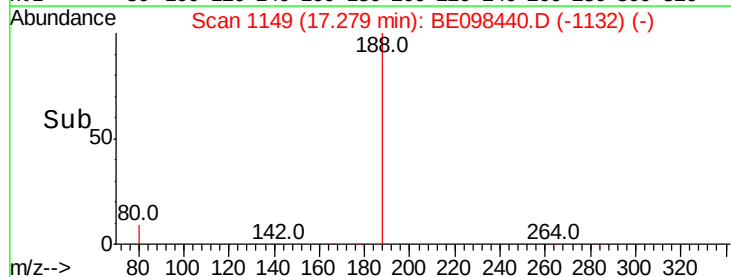
Abundance Ion 188.00 (187.70 to 188.70): E

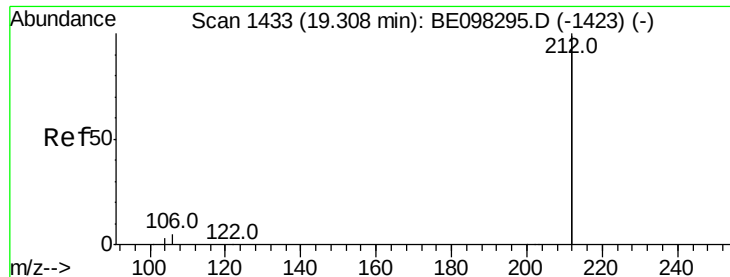
Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->





#25

Fluoranthene-d10

Concen: 0.322 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098440.D

Acq: 14 Dec 2018 17:47

Instrument :

BNA_E

ClientSampleId :

PB115633BL

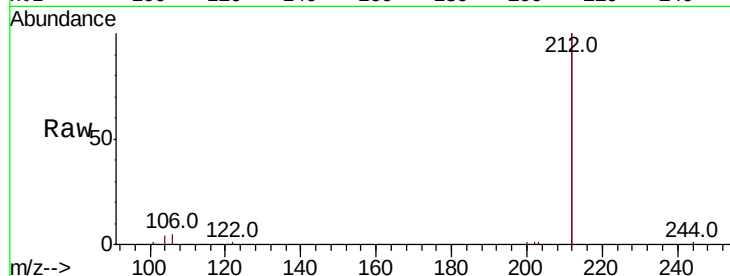
Tot Ion:212 Resp: 20993

Ion Ratio Lower Upper

212 100

106 2.4 2.2 3.2

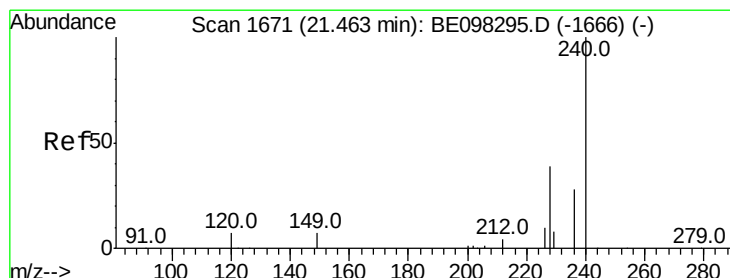
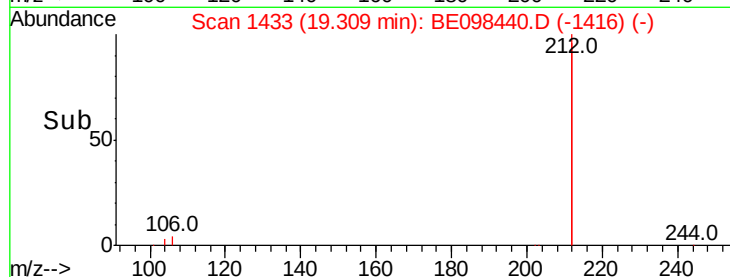
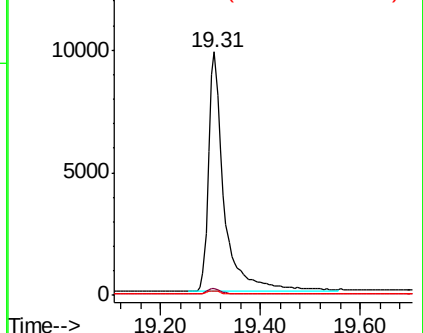
104 1.5 1.3 1.9



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098440.D

Acq: 14 Dec 2018 17:47

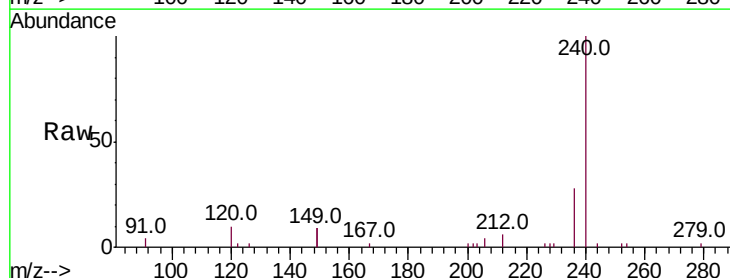
Tgt Ion:240 Resp: 6115

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

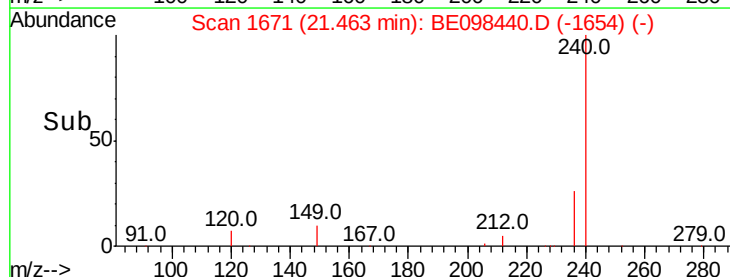
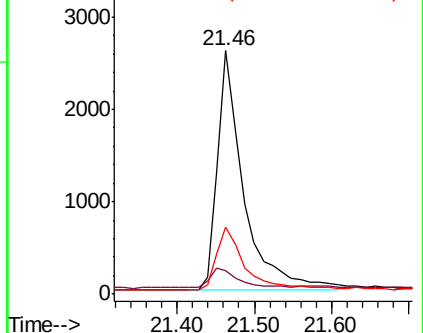
236 27.7 22.7 34.1

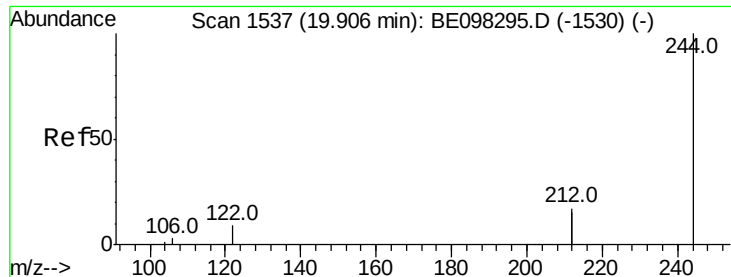


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.214 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098440.D

Acq: 14 Dec 2018 17:47

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PB115633BL

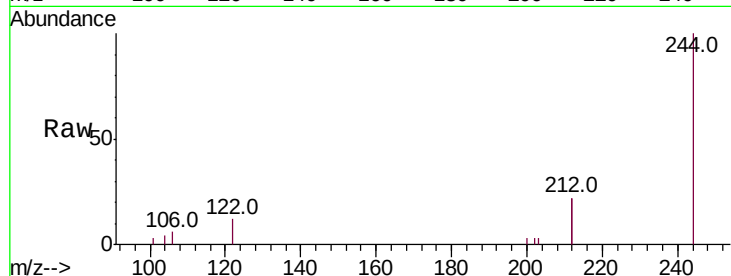
Tot Ion:244 Resp: 3174

Ion Ratio Lower Upper

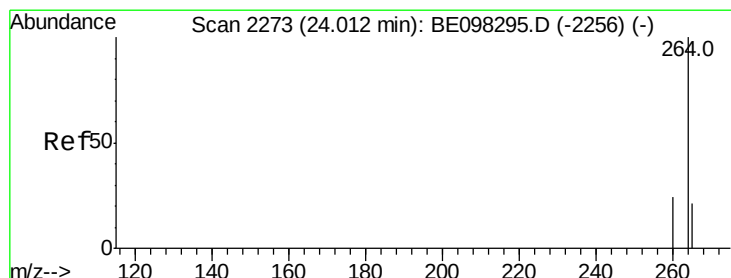
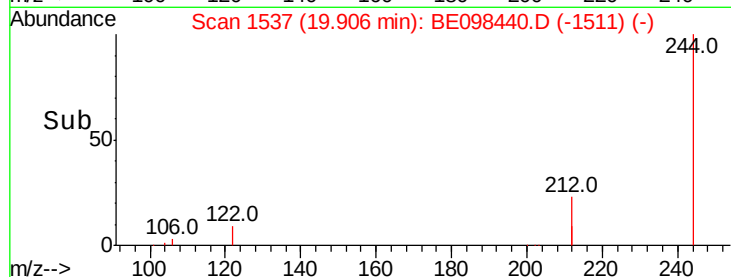
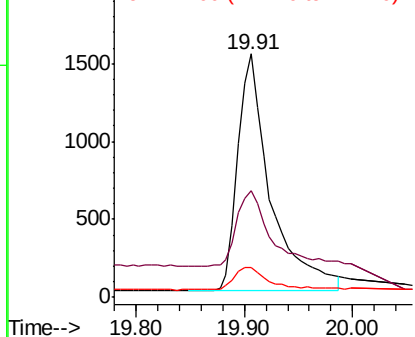
244 100

212 43.6 27.4 41.0#

122 12.0 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: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098440.D

Acq: 14 Dec 2018 17:47

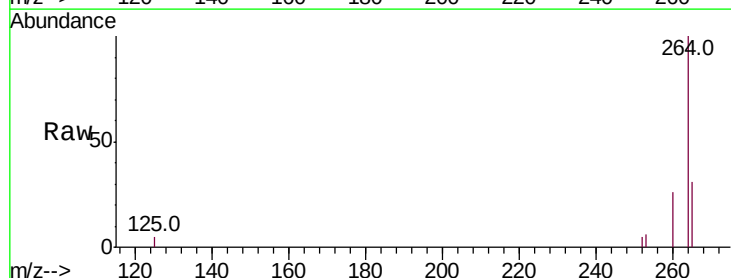
Tgt Ion:264 Resp: 5691

Ion Ratio Lower Upper

264 100

260 26.1 20.2 30.2

265 30.9 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

