

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122018\
 Data File : BE098541.D
 Acq On : 20 Dec 2018 16:21
 Operator : SJ/JU
 Sample : PB115810TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115810TB

Quant Time: Dec 21 05:02:58 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	7.85	152	538	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	2418	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1877	0.40	ng	-0.02
19) Phenanthrene-d10	17.27	188	6026	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	8100	0.40	ng	-0.01
34) Perylene-d12	23.98	264	6874	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	305	0.24	ng	0.00
5) Phenol-d6	7.06	99	430	0.24	ng	0.01
8) Nitrobenzene-d5	9.07	82	137	0.06	ng	0.05
11) 2-Methylnaphthalene-d10	12.27	152	911	0.23	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	173	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	1435	0.18	ng	0.00
25) Fluoranthene-d10	19.30	212	19891	0.26	ng	-0.01
29) Terphenyl-d14	19.89	244	4267	0.22	ng	-0.02

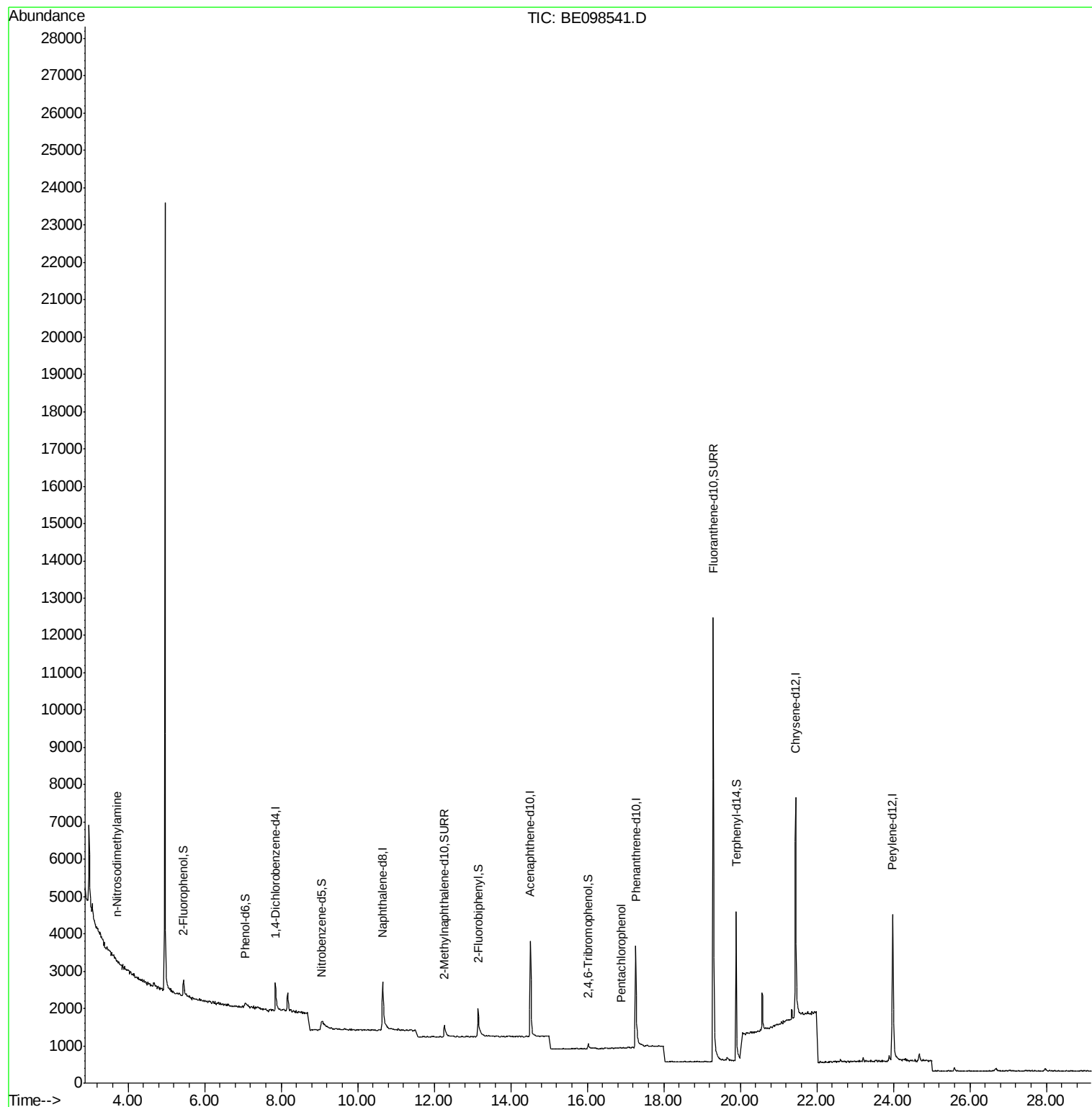
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.70	42	26	0.031	ng	# 100
22) Pentachlorophenol	16.88	266	8	0.031	ng	# 75

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

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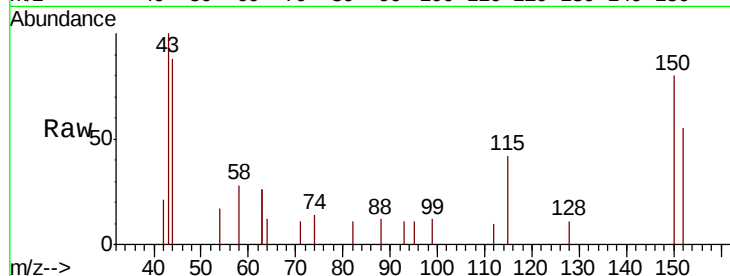


#1

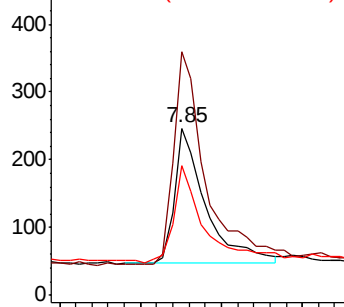
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098541.D
Acq: 20 Dec 2018 16:21

Instrument :
BNA_E
ClientSampleId :
PB115810TB

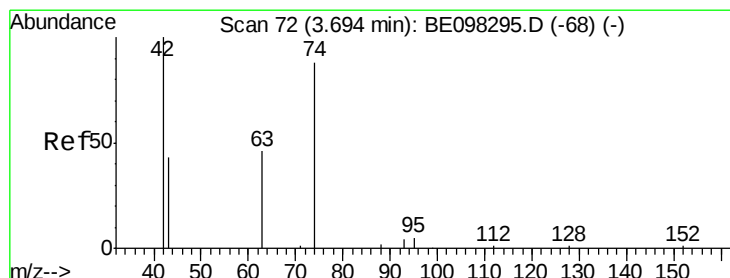
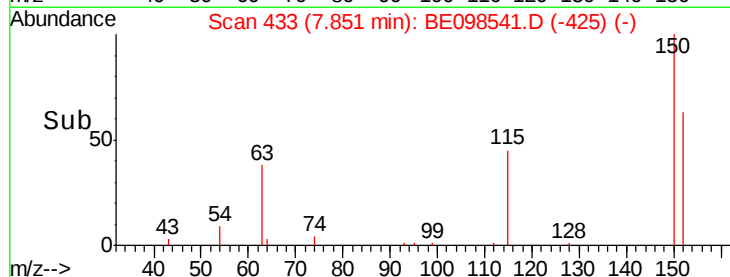
Tgt Ion: 152 Resp: 538
Ion Ratio Lower Upper
152 100
150 145.3 124.2 186.4
115 77.3 53.9 80.9



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



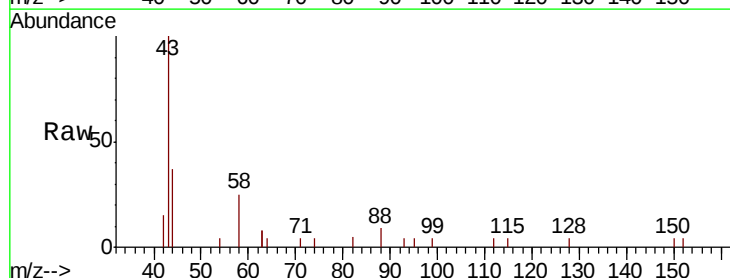
Time--> 7.70 7.80 7.90 8.00



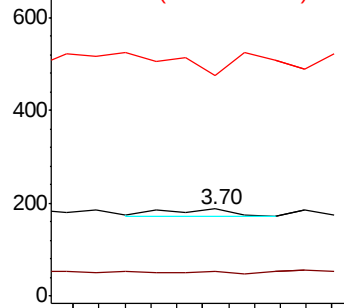
#3

n-Nitrosodimethylamine
Concen: 0.031 ng
RT: 3.70 min Scan# 73
Delta R.T. 0.01 min
Lab File: BE098541.D
Acq: 20 Dec 2018 16:21

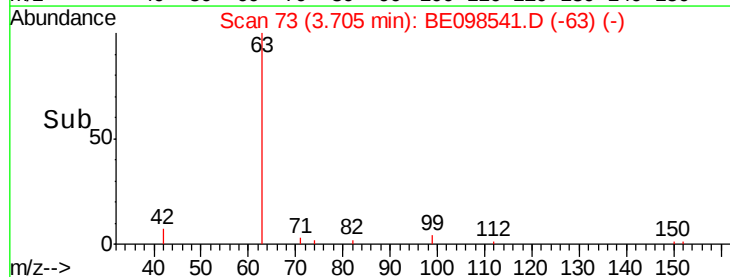
Tgt Ion: 42 Resp: 26
Ion Ratio Lower Upper
42 100
74 11.5 0.0 0.0#
44 253.8 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



Time--> 3.65 3.70





#4

2-Fluorophenol

Concen: 0.242 ng

RT: 5.44 min Scan# 224

Delta R.T. -0.00 min

Lab File: BE098541.D

Acq: 20 Dec 2018 16:21

Instrument :

BNA_E

ClientSampleId :

PB115810TB

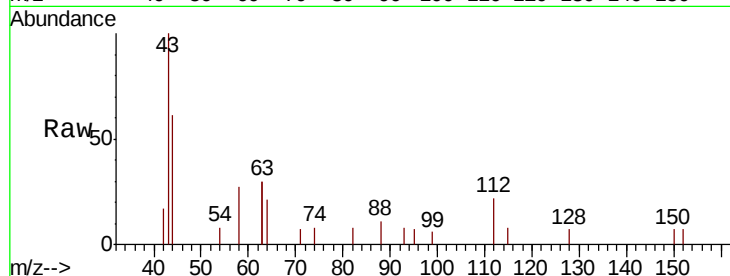
Tgt Ion: 112 Resp: 305

Ion Ratio Lower Upper

112 100

64 83.3 59.8 89.8

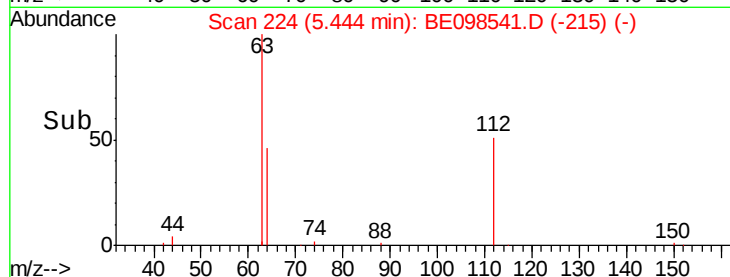
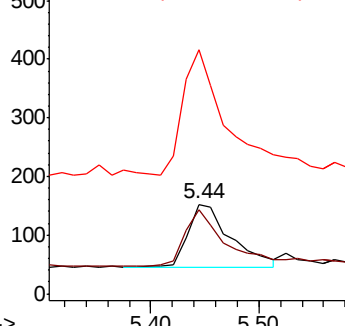
63 205.2 133.7 200.5#



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: 0.241 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098541.D

Acq: 20 Dec 2018 16:21

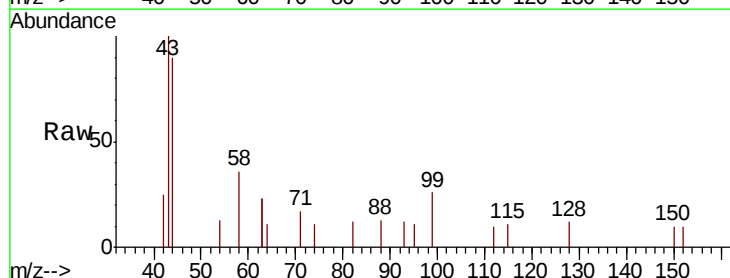
Tgt Ion: 99 Resp: 430

Ion Ratio Lower Upper

99 100

42 34.9 26.3 39.5

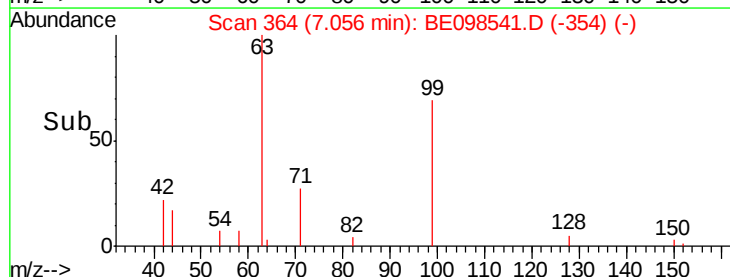
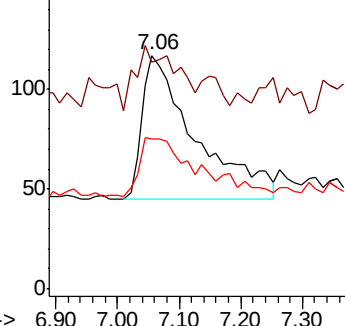
71 35.6 33.6 50.4



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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098541.D

Acq: 20 Dec 2018 16:21

Instrument :

BNA_E

ClientSampleId :

PB115810TB

Tgt Ion: 136 Resp: 2418

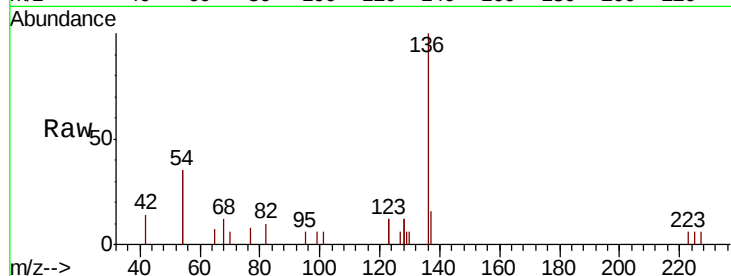
Ion Ratio Lower Upper

136 100

137 16.2 9.2 13.8#

54 70.0 28.4 42.6#

68 12.3 5.4 8.0#

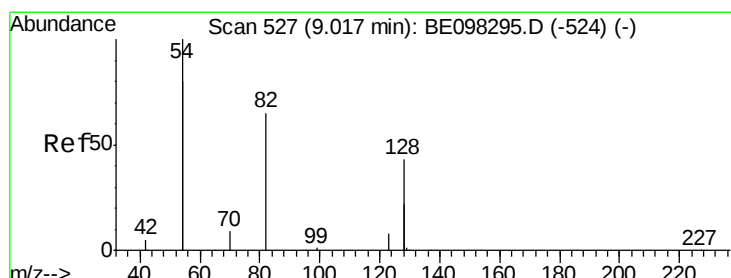
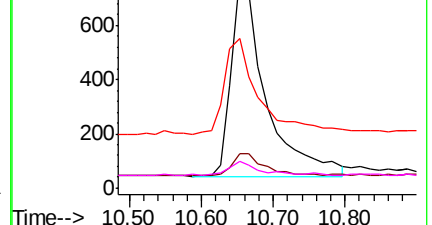
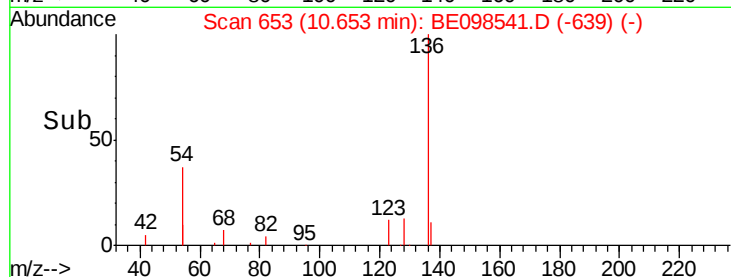


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.062 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.05 min

Lab File: BE098541.D

Acq: 20 Dec 2018 16:21

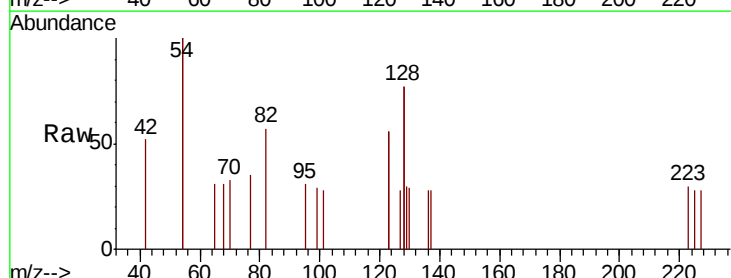
Tgt Ion: 82 Resp: 137

Ion Ratio Lower Upper

82 100

128 268.8 102.4 153.6#

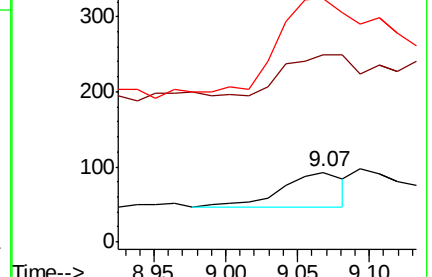
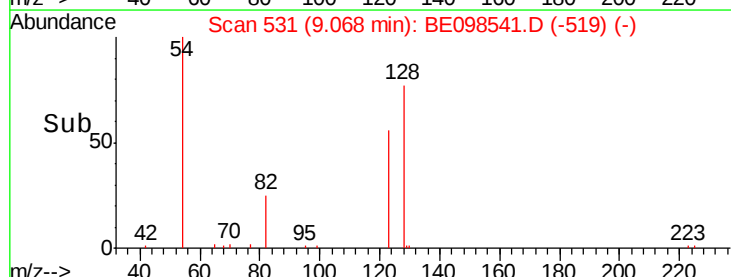
54 348.4 221.8 332.8#

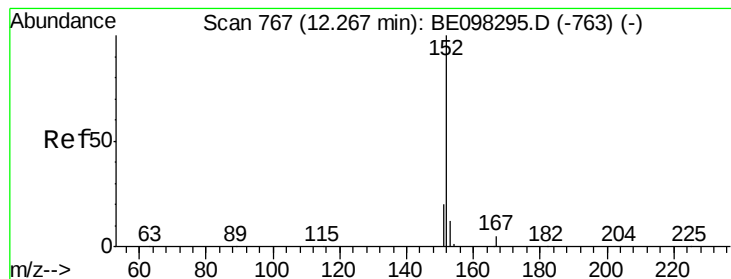


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.232 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098541.D

Acq: 20 Dec 2018 16:21

Instrument :

BNA_E

ClientSampleId :

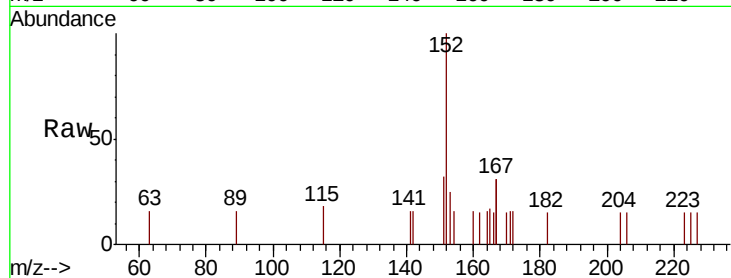
PB115810TB

Tgt Ion:152 Resp: 911

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

300

200

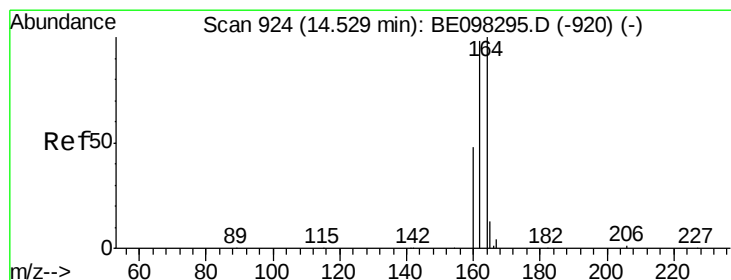
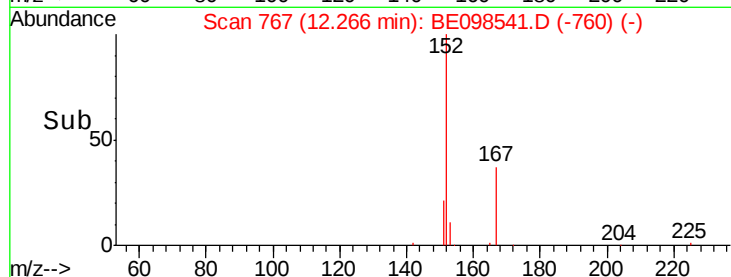
100

0

Time-->

12.20

12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.02 min

Lab File: BE098541.D

Acq: 20 Dec 2018 16:21

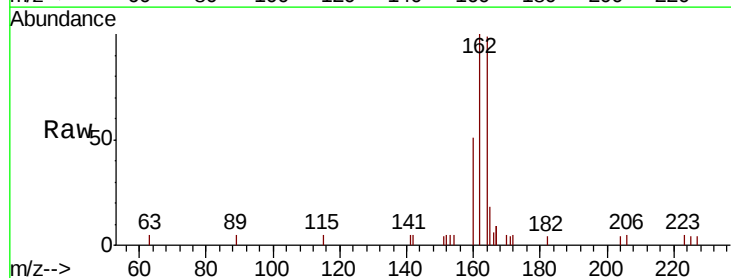
Tgt Ion:164 Resp: 1877

Ion Ratio Lower Upper

164 100

162 100.9 77.6 116.4

160 51.1 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

14.51

1000

500

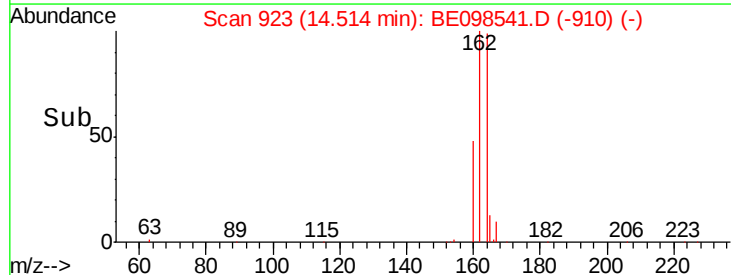
0

Time-->

14.40

14.60

14.70

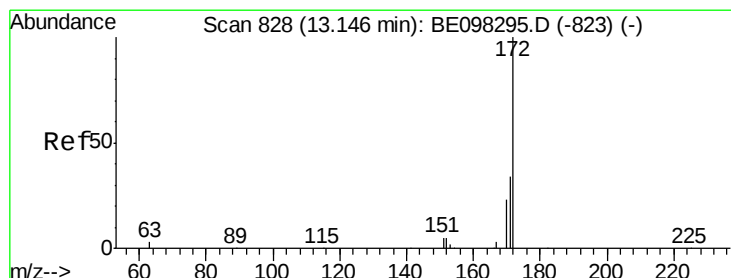
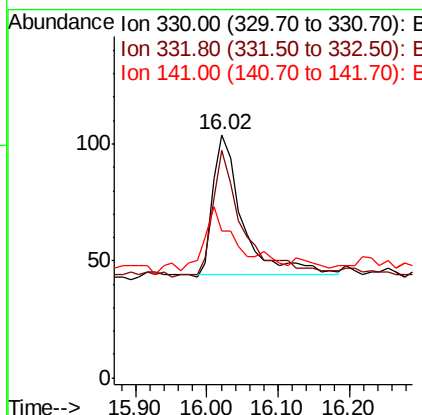
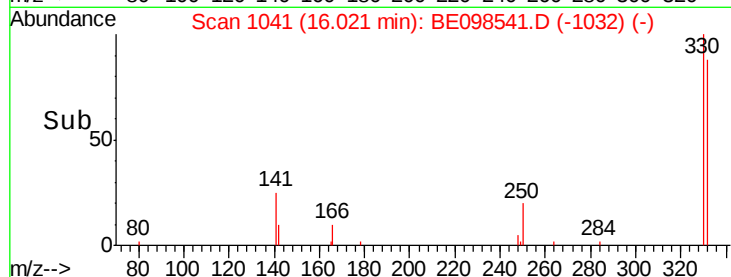
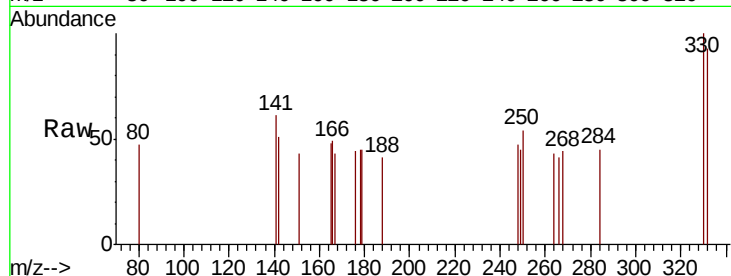




#14
 2,4,6-Tribromophenol
 Concen: 0.251 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098541.D
 Acq: 20 Dec 2018 16:21

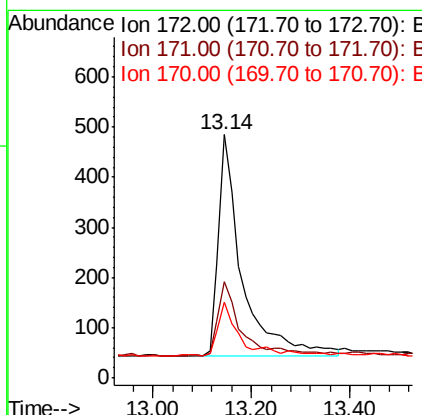
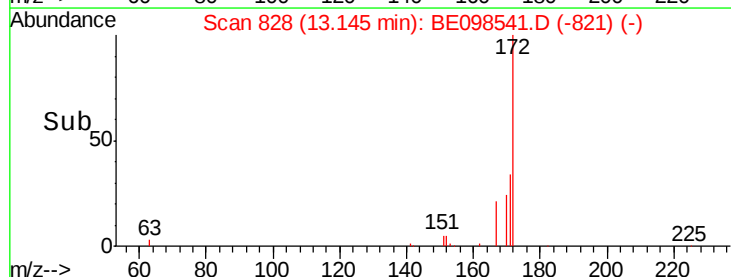
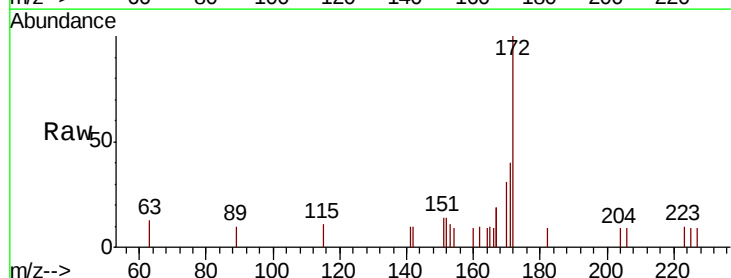
Instrument :
 BNA_E
 ClientSampleId :
 PB115810TB

Tgt Ion: 330 Resp: 173
 Ion Ratio Lower Upper
 330 100
 332 89.6 76.2 114.4
 141 54.3 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.181 ng
 RT: 13.14 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098541.D
 Acq: 20 Dec 2018 16:21

Tgt Ion: 172 Resp: 1435
 Ion Ratio Lower Upper
 172 100
 171 39.8 27.5 41.3
 170 31.1 19.6 29.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098541.D

Acq: 20 Dec 2018 16:21

Instrument :

BNA_E

ClientSampleId :

PB115810TB

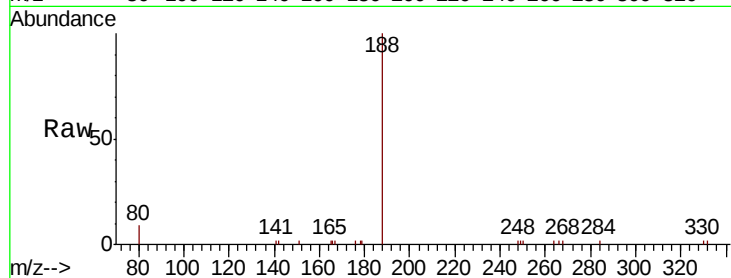
Tgt Ion:188 Resp: 6026

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

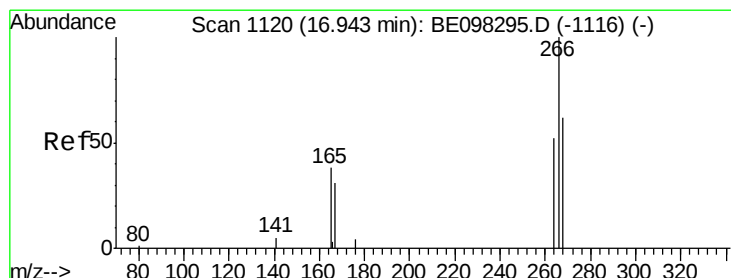
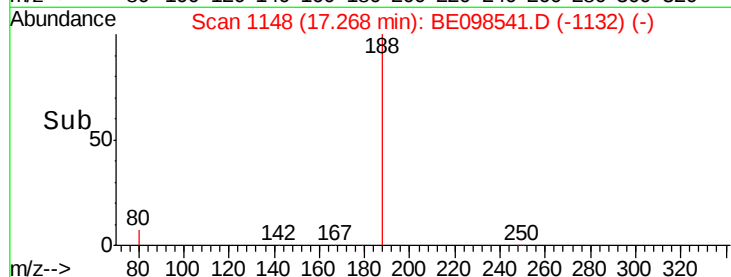
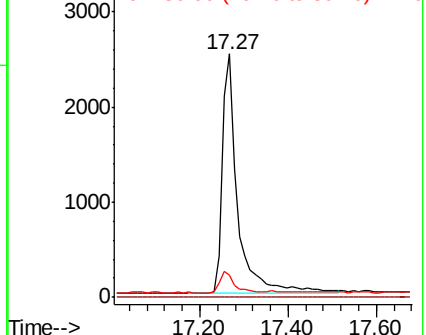
80 9.3 7.2 10.8



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



#22

Pentachlorophenol

Concen: 0.031 ng

RT: 16.88 min Scan# 1115

Delta R.T. -0.06 min

Lab File: BE098541.D

Acq: 20 Dec 2018 16:21

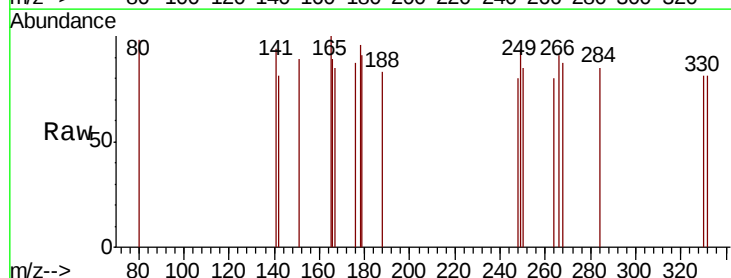
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 87.8 59.0 88.4

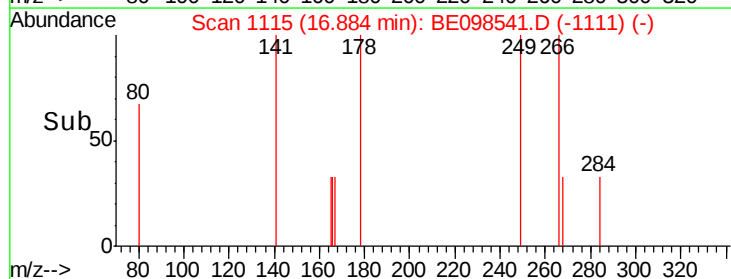
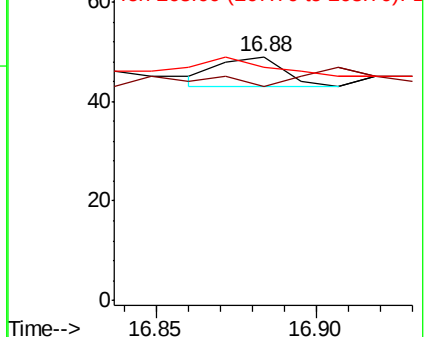
268 95.9 55.1 82.7#

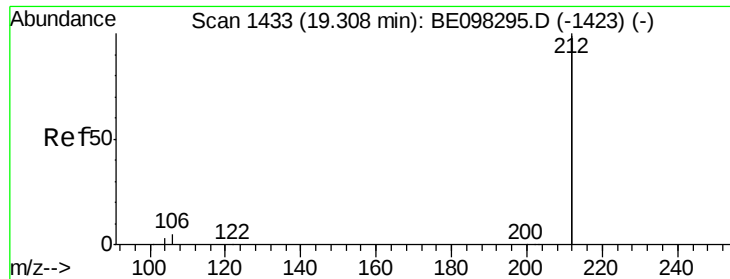


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.257 ng

RT: 19.30 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BE098541.D

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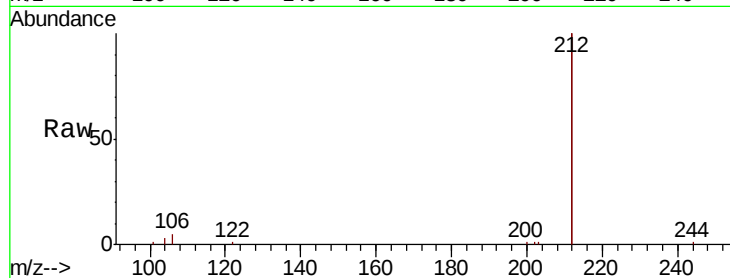
Tgt Ion:212 Resp: 19891

Ion Ratio Lower Upper

212 100

106 2.2 2.2 3.2

104 1.3 1.3 1.9

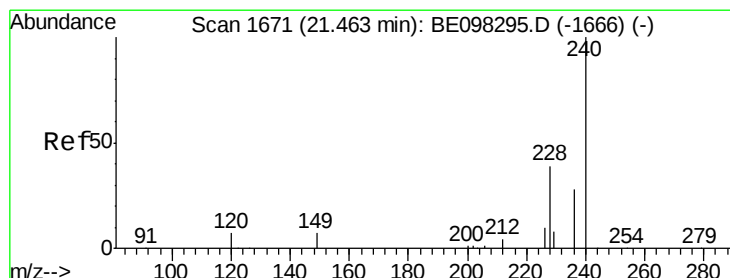
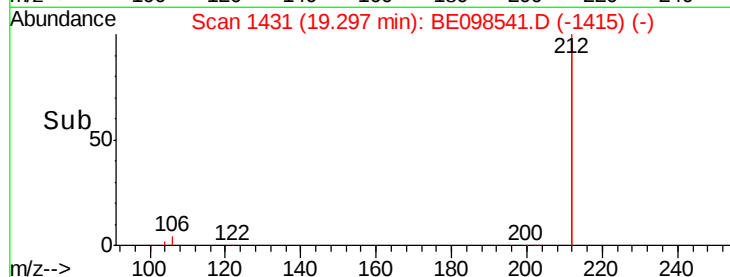
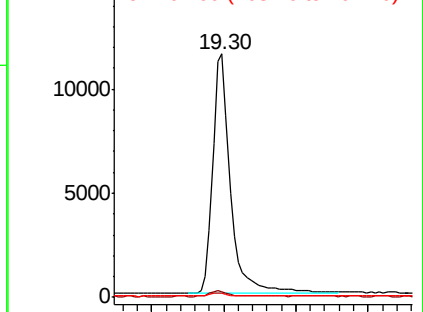


Abundance

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: BE098541.D

Acq: 20 Dec 2018 16:21

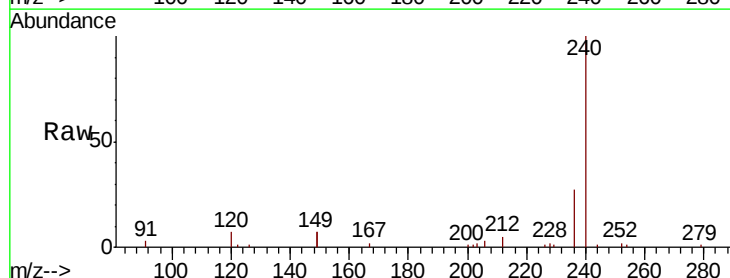
Tgt Ion:240 Resp: 8100

Ion Ratio Lower Upper

240 100

120 6.9 9.5 14.3#

236 26.7 22.7 34.1

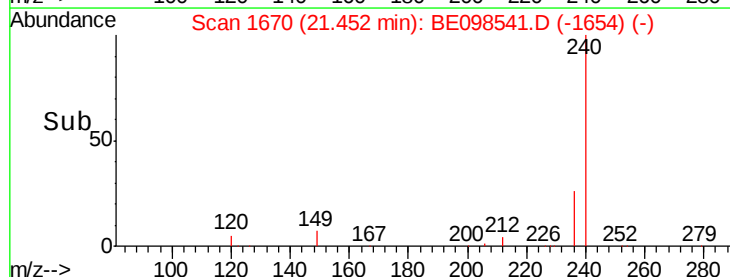
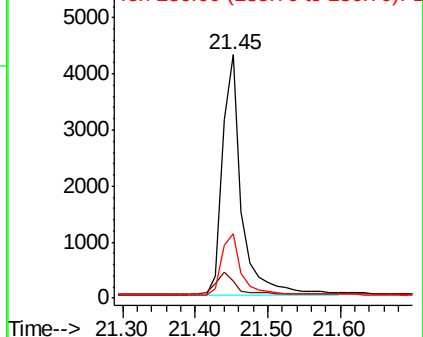


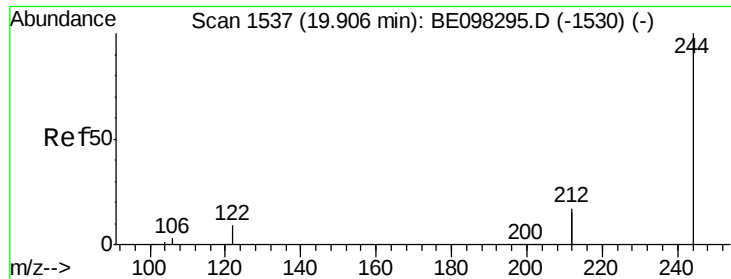
Abundance

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: 0.217 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

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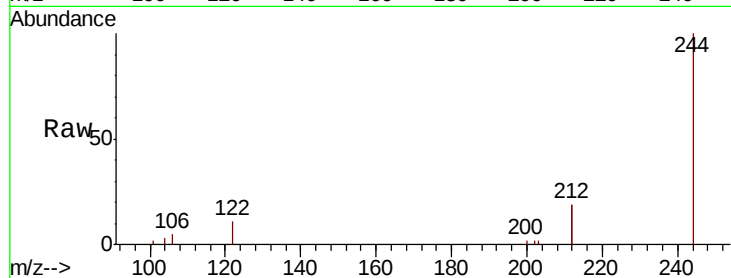
Tgt Ion:244 Resp: 4267

Ion Ratio Lower Upper

244 100

212 38.1 27.4 41.0

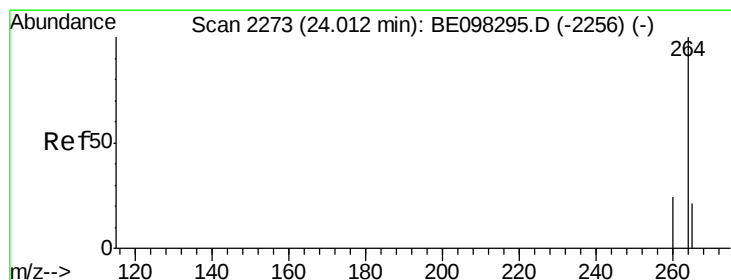
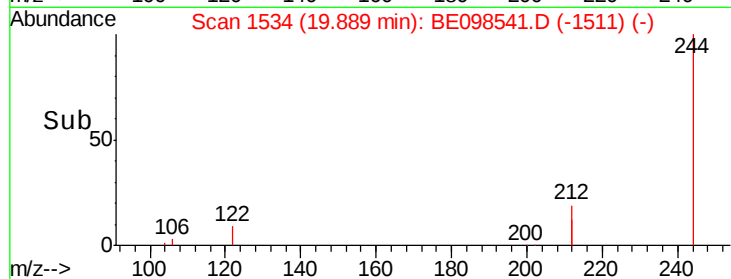
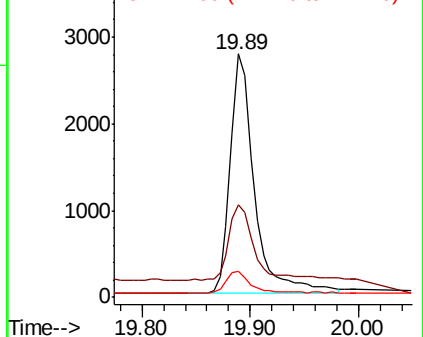
122 10.9 8.3 12.5



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: BE098541.D

Acq: 20 Dec 2018 16:21

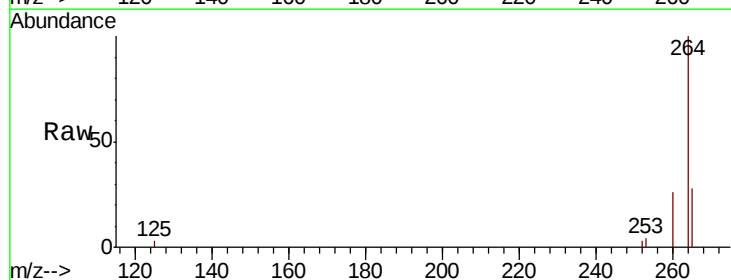
Tgt Ion:264 Resp: 6874

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 28.2 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

