

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101818\
 Data File : BE097969.D
 Acq On : 18 Oct 2018 9:54
 Operator : SJ/JU
 Sample : J5317-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-122D3-20181004

Quant Time: Oct 19 01:18:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2385	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	11012	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	8033	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	21104	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	24163	0.40	ng	-0.01
34) Perylene-d12	24.03	264	24335	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1372	0.18	ng	0.00
5) Phenol-d6	7.04	99	1252	0.11	ng	-0.01
8) Nitrobenzene-d5	9.03	82	3942	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7360	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	16.04	330	1609	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.16	172	13513	0.41	ng	-0.01
25) Fluoranthene-d10	19.33	212	110768	0.39	ng	0.00
29) Terphenyl-d14	19.92	244	29263	0.53	ng	-0.01

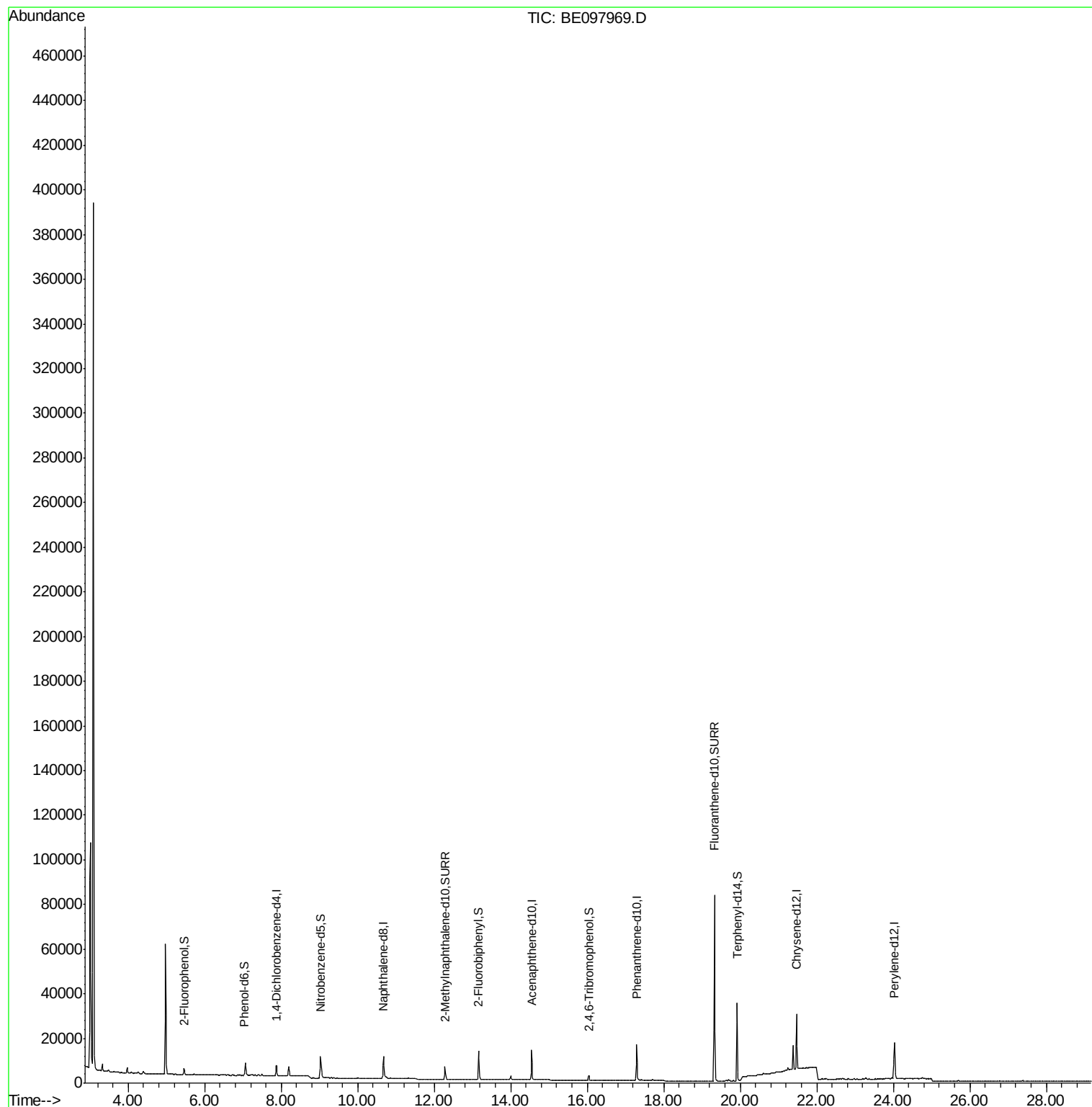
Target Compounds	Qvalue
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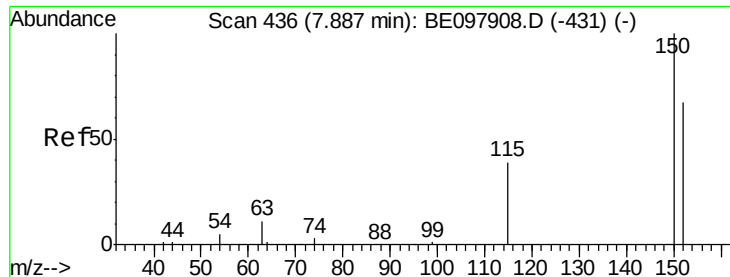
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.00 min

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BNA_E

ClientSampleId :

RE-122D3-20181004

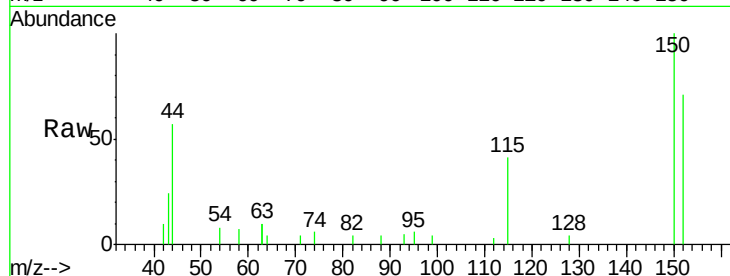
Tgt Ion:152 Resp: 2385

Ion Ratio Lower Upper

152 100

150 140.9 118.2 177.4

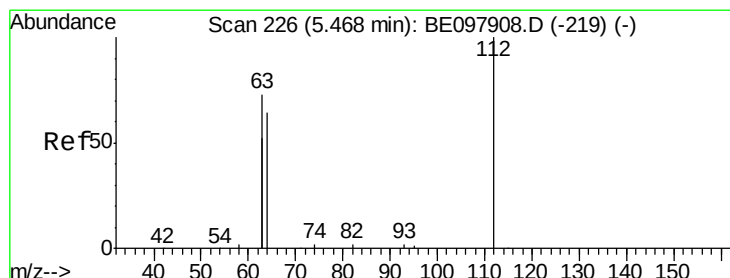
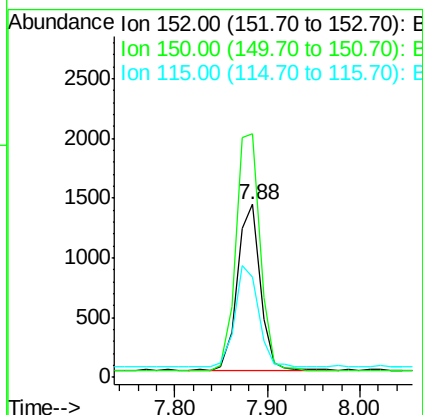
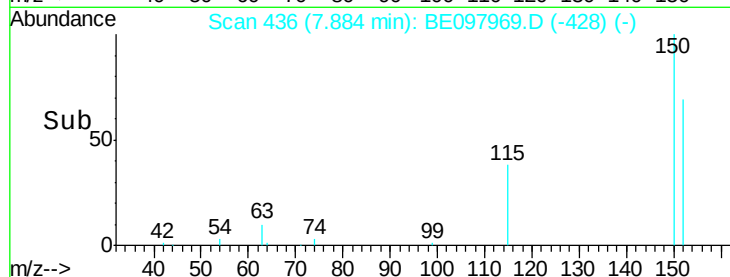
115 58.1 50.9 76.3



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: 0.182 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

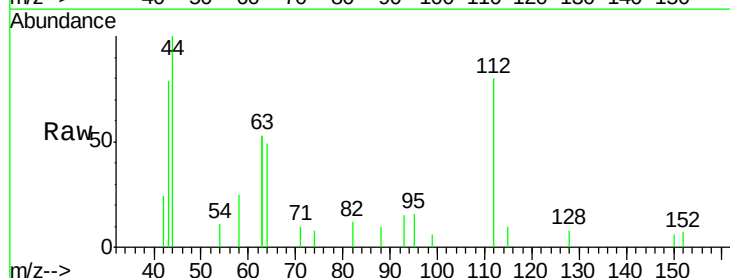
Tgt Ion:112 Resp: 1372

Ion Ratio Lower Upper

112 100

64 72.2 58.9 88.3

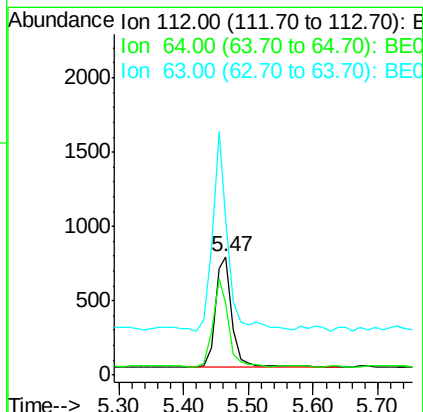
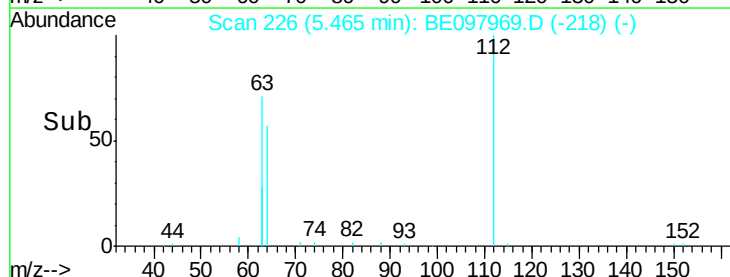
63 154.7 120.3 180.5

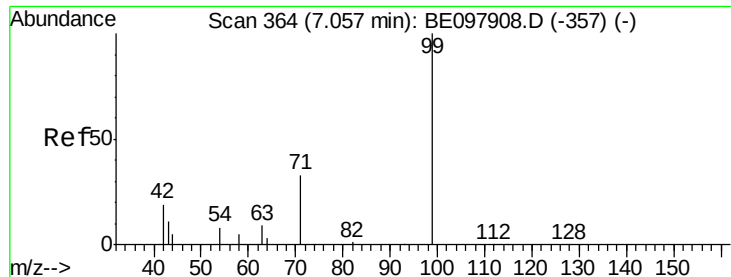


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.113 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181004

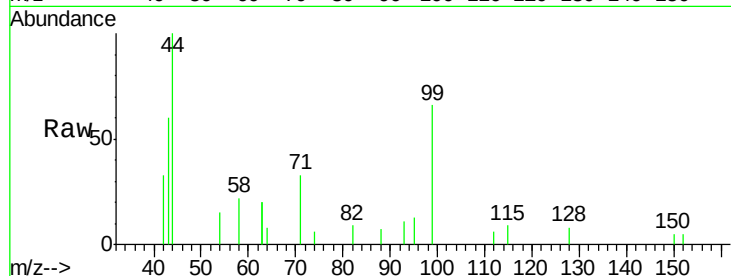
Tgt Ion: 99 Resp: 1252

Ion Ratio Lower Upper

99 100

42 49.5 19.9 29.9#

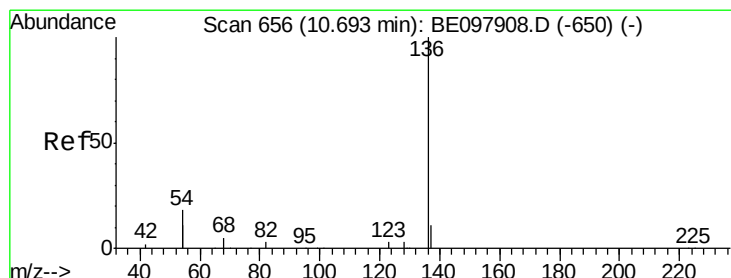
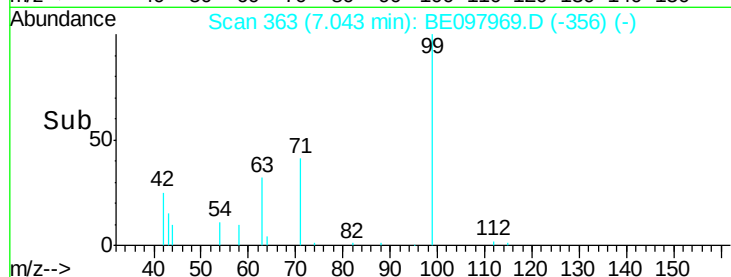
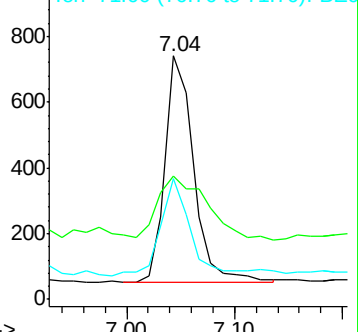
71 44.0 27.8 41.8#



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: 10.68 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

Tgt Ion: 136 Resp: 11012

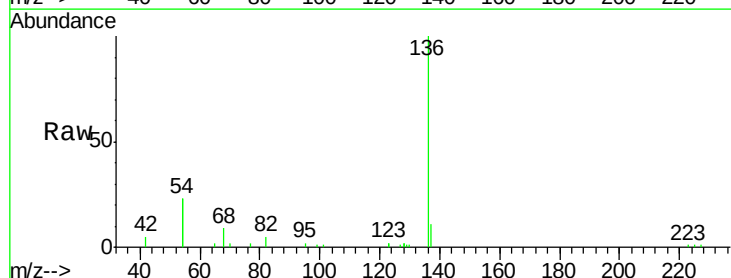
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 45.5 27.7 41.5#

68 9.2 5.3 7.9#

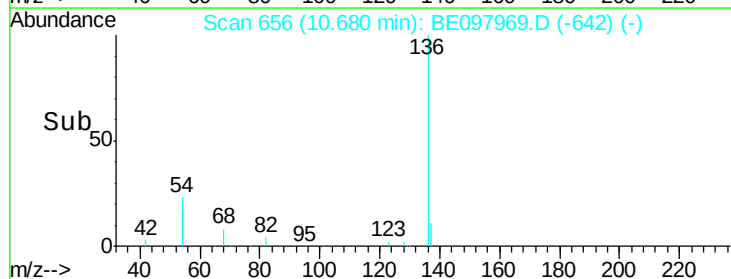
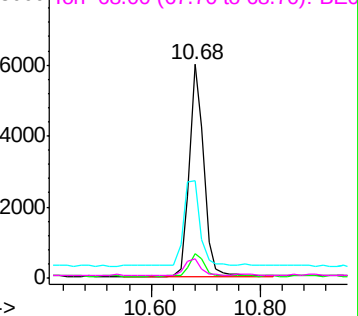


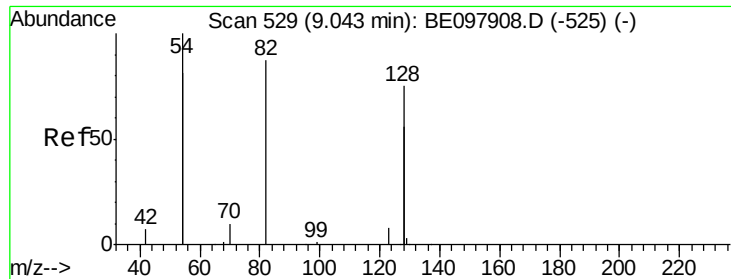
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 9.03 min Scan# 529

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181004

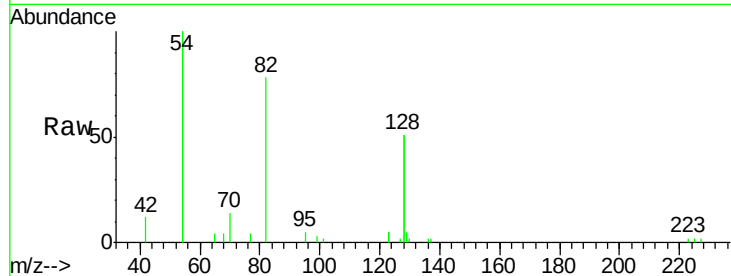
Tgt Ion: 82 Resp: 3942

Ion Ratio Lower Upper

82 100

128 130.8 129.9 194.9

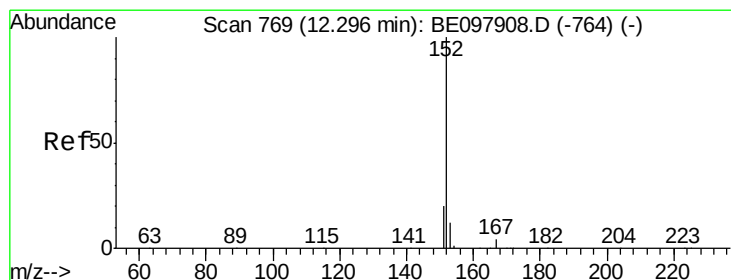
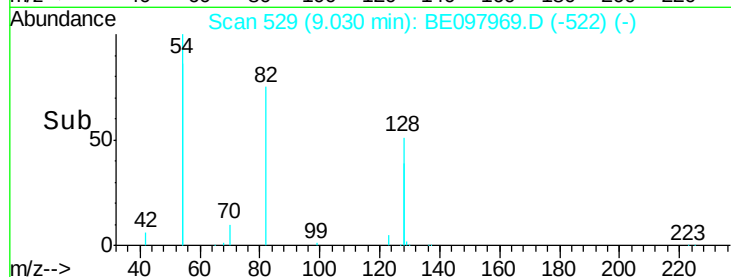
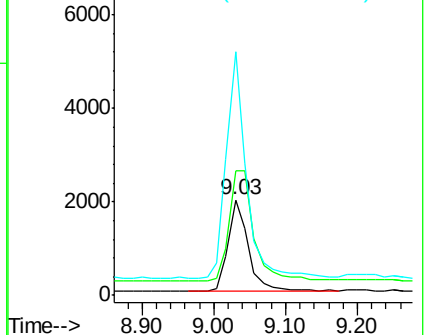
54 255.5 174.0 261.0



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: 0.402 ng

RT: 12.28 min Scan# 769

Delta R.T. -0.01 min

Lab File: BE097969.D

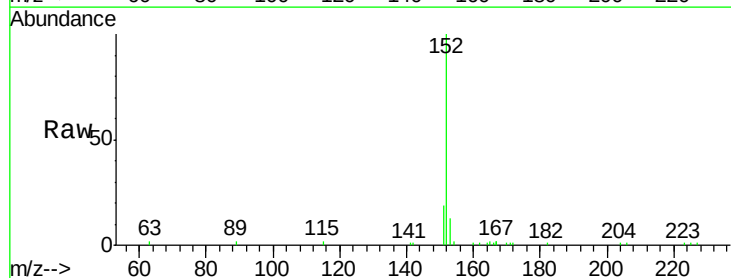
Acq: 18 Oct 2018 9:54

Tgt Ion: 152 Resp: 7360

Ion Ratio Lower Upper

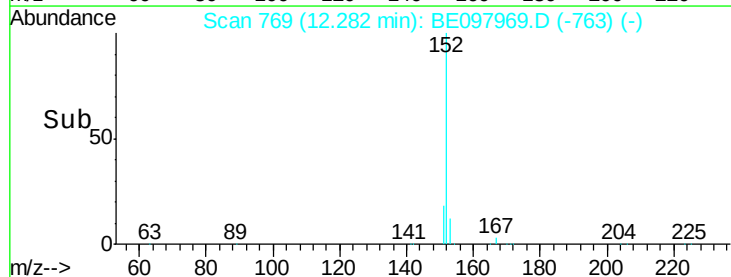
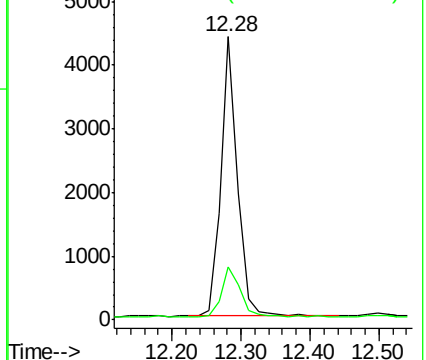
152 100

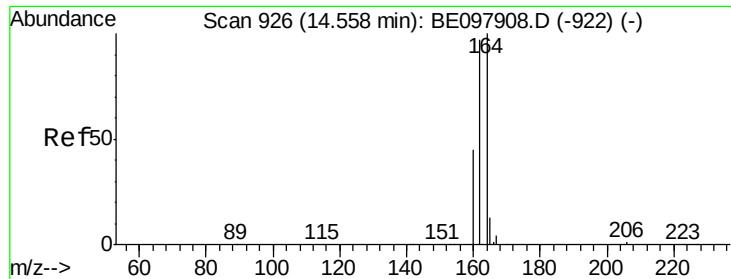
151 20.0 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): BE0

Ion 151.00 (150.70 to 151.70): BE0

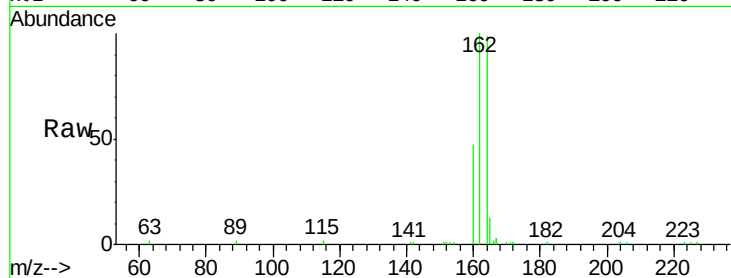




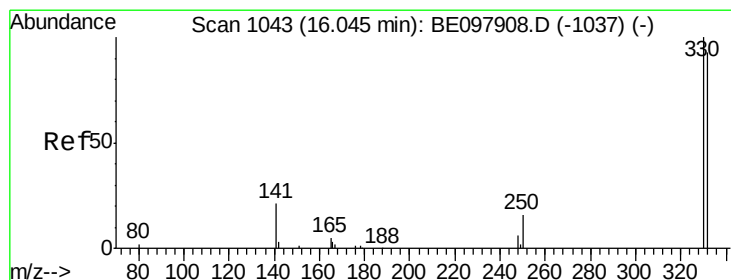
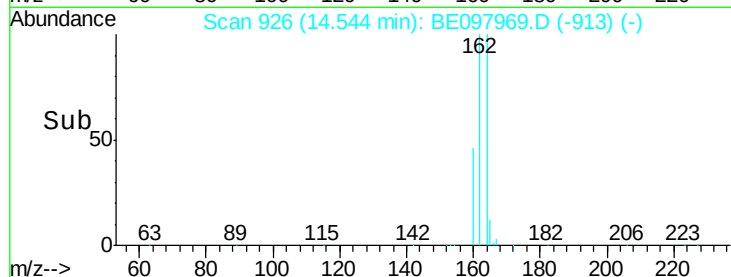
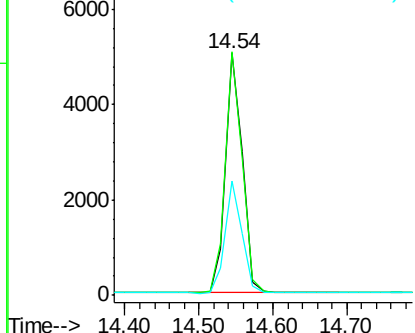
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BE097969.D
 Acq: 18 Oct 2018 9:54

Instrument :
 BNA_E
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 RE-122D3-20181004

Tgt Ion:164 Resp: 8033
 Ion Ratio Lower Upper
 164 100
 162 100.6 77.4 116.2
 160 47.2 36.5 54.7

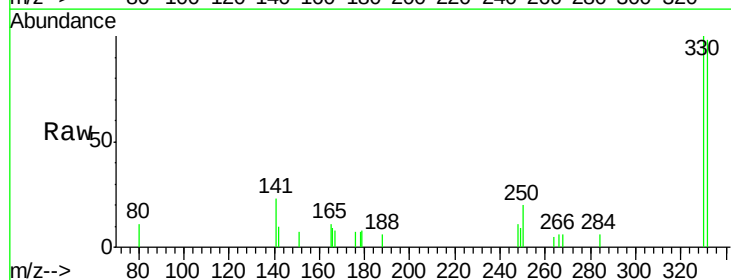


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

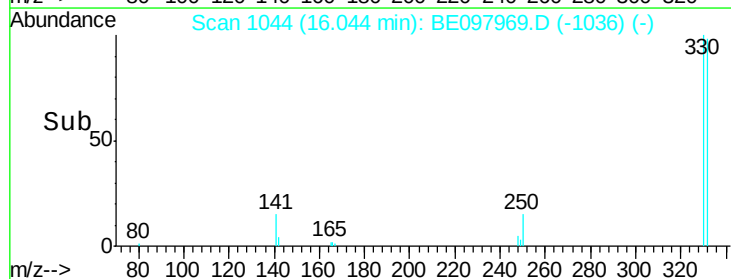
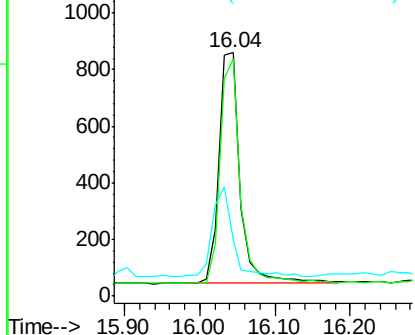


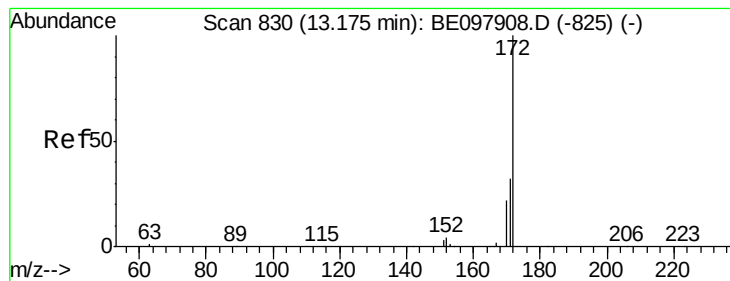
#14
 2,4,6-Tribromophenol
 Concen: 0.372 ng
 RT: 16.04 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BE097969.D
 Acq: 18 Oct 2018 9:54

Tgt Ion:330 Resp: 1609
 Ion Ratio Lower Upper
 330 100
 332 93.5 76.5 114.7
 141 38.3 31.8 47.6



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: 0.412 ng

RT: 13.16 min Scan# 830

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

Instrument :

BNA_E

ClientSampleId :

RE-122D3-20181004

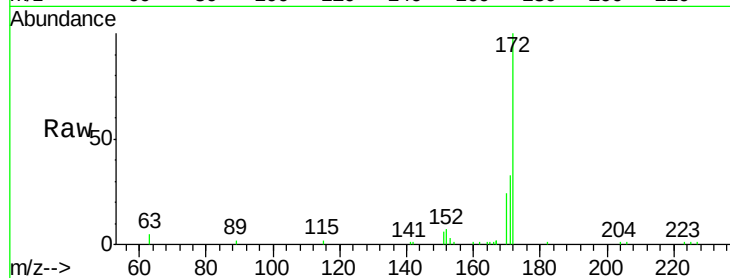
Tgt Ion:172 Resp: 13513

Ion Ratio Lower Upper

172 100

171 33.4 26.0 39.0

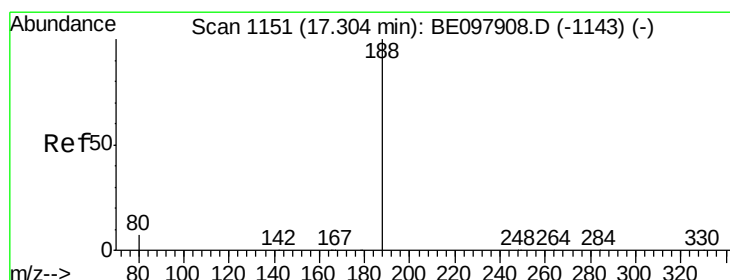
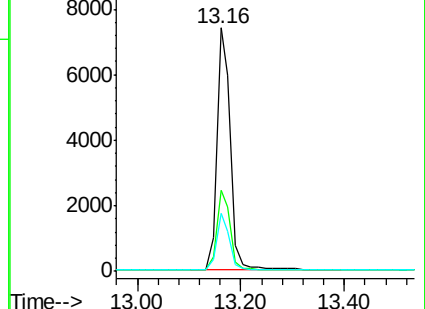
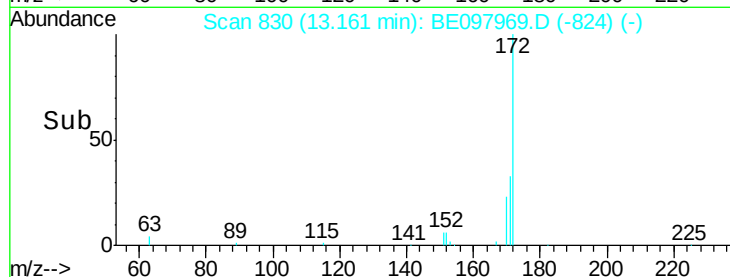
170 23.6 18.0 27.0



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: 17.29 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

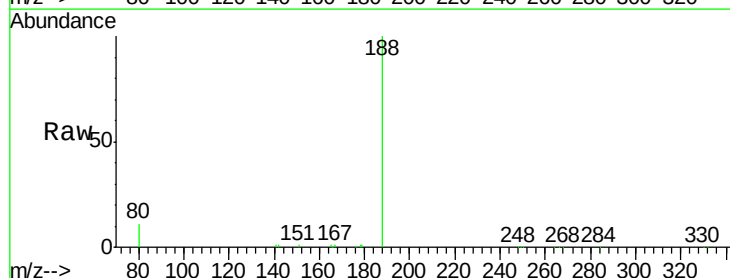
Tgt Ion:188 Resp: 21104

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

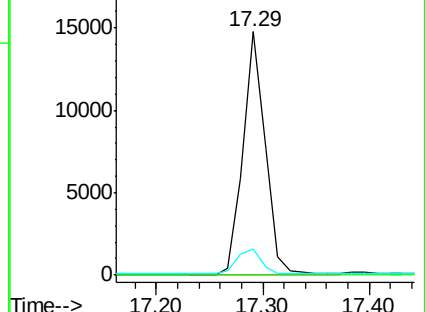
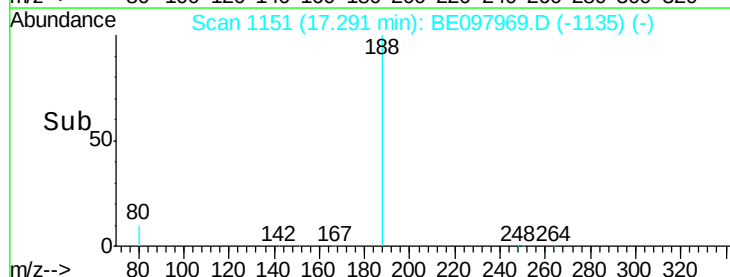
80 10.6 6.3 9.5#

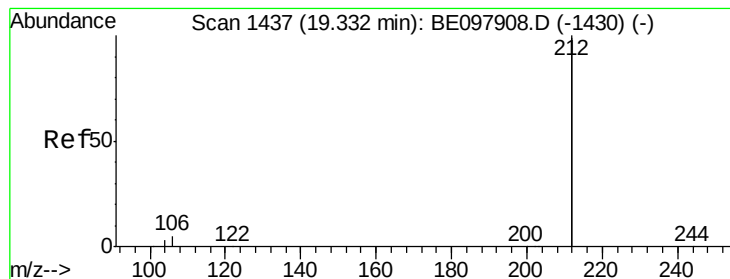


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

Instrument :

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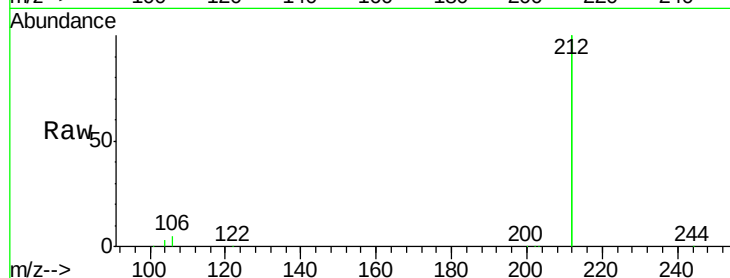
Tgt Ion:212 Resp: 110768

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

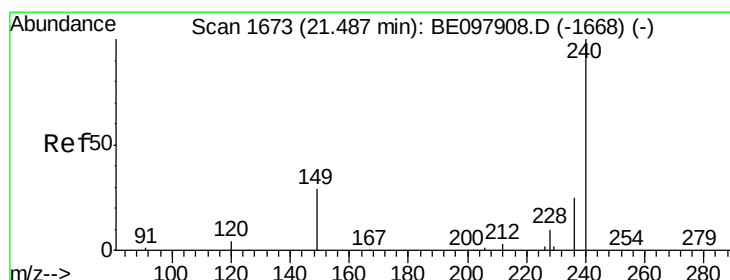
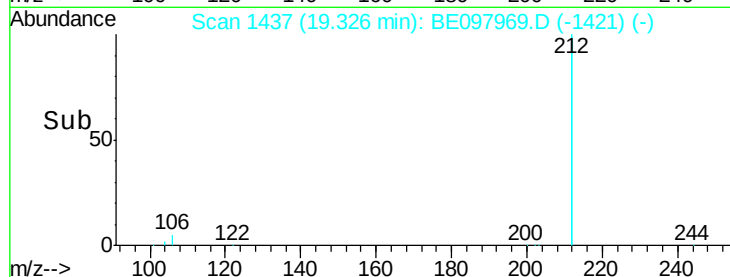
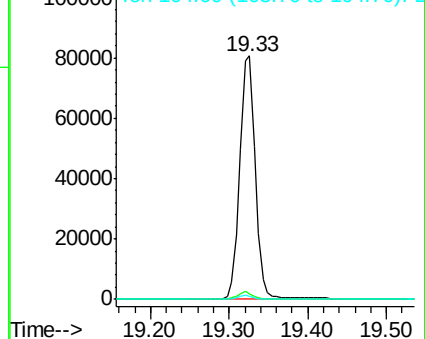
104 1.6 1.3 1.9



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: 21.47 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

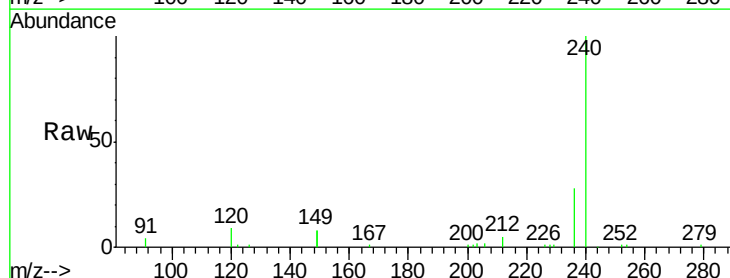
Tgt Ion:240 Resp: 24163

Ion Ratio Lower Upper

240 100

120 8.6 7.1 10.7

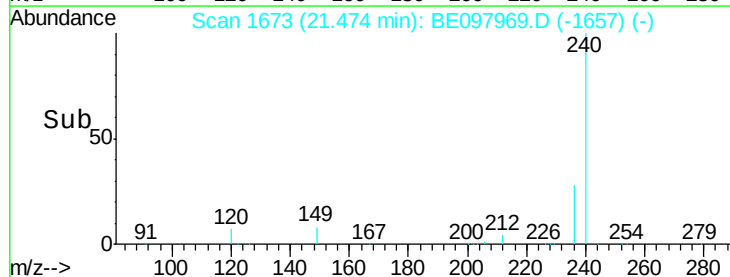
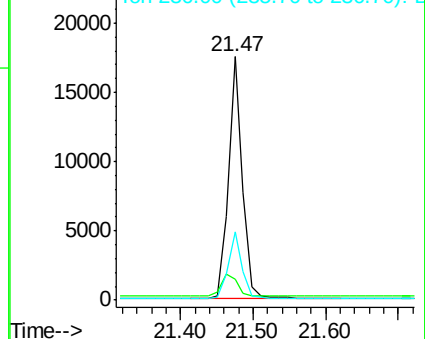
236 28.1 21.3 31.9

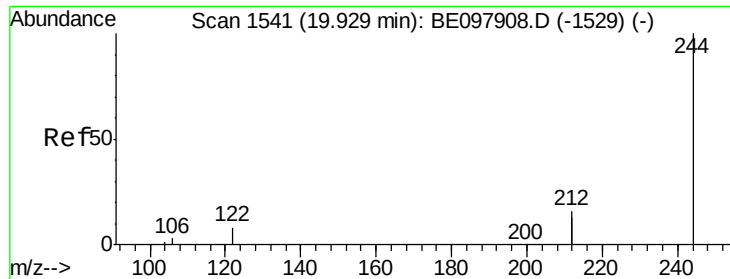


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.528 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

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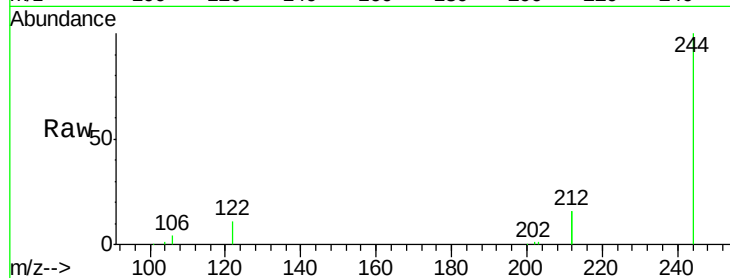
Tgt Ion:244 Resp: 29263

Ion Ratio Lower Upper

244 100

212 31.9 26.2 39.2

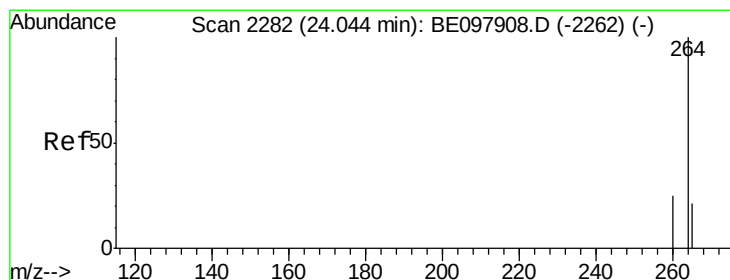
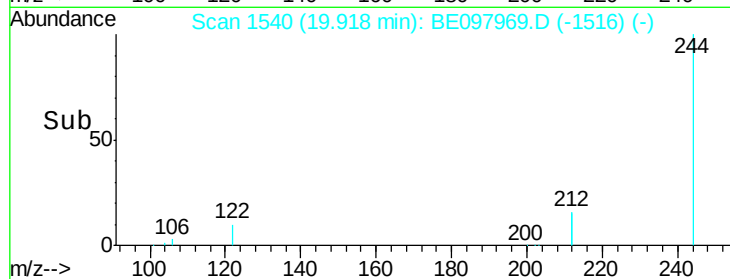
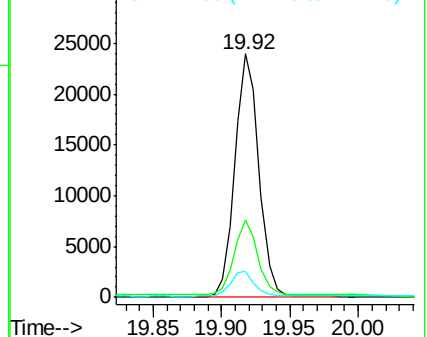
122 10.6 7.7 11.5



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: 24.03 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE097969.D

Acq: 18 Oct 2018 9:54

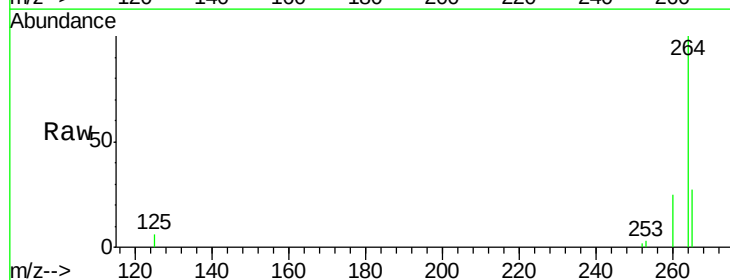
Tgt Ion:264 Resp: 24335

Ion Ratio Lower Upper

264 100

260 25.2 21.1 31.7

265 26.7 29.2 43.8#



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

