

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101818\
 Data File : BE097981.D
 Acq On : 18 Oct 2018 17:24
 Operator : SJ/JU
 Sample : J5364-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS035-181008

Quant Time: Oct 19 01:51:56 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	7.89	152	2288	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	10920	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	8399	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	20825	0.40	ng	-0.01
27) Chrysene-d12	21.48	240	22481	0.40	ng	-0.01
34) Perylene-d12	24.03	264	22393	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	1367	0.19	ng	0.00
5) Phenol-d6	7.04	99	1256	0.12	ng	-0.01
8) Nitrobenzene-d5	9.03	82	4061	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	7536	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	1926	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	12305	0.36	ng	-0.01
25) Fluoranthene-d10	19.33	212	100282	0.36	ng	0.00
29) Terphenyl-d14	19.92	244	27762	0.54	ng	-0.01

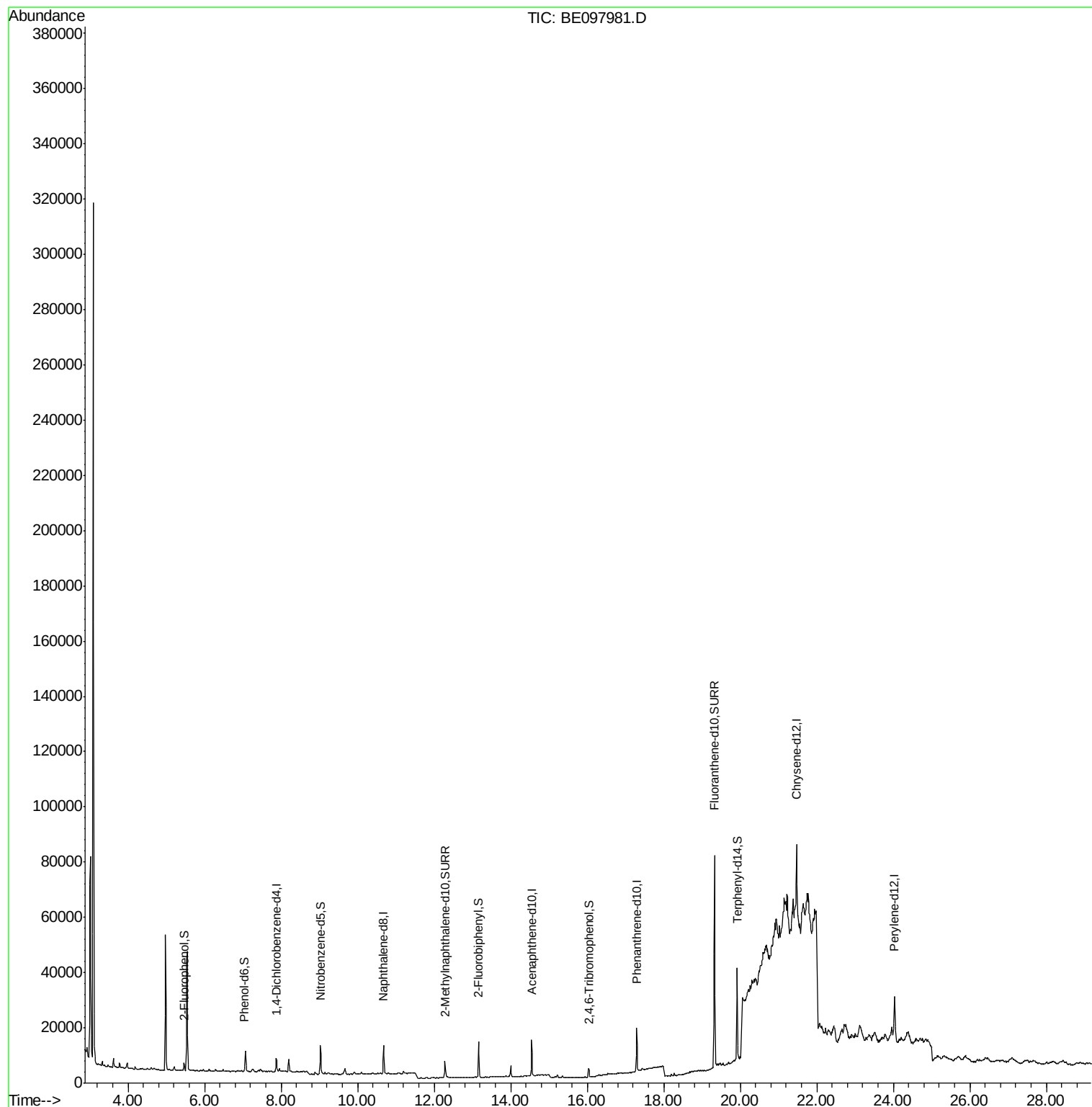
Target Compounds	Qvalue
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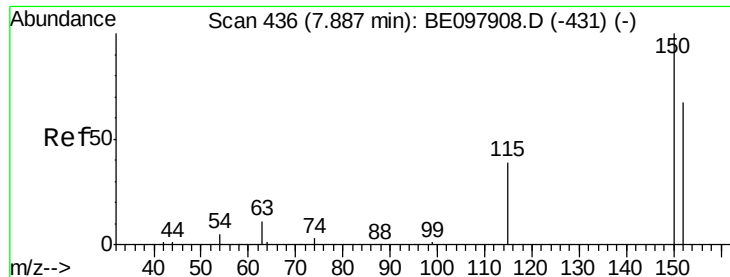
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.00 min

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BNA_E

ClientSampleId :

KY038PS035-181008

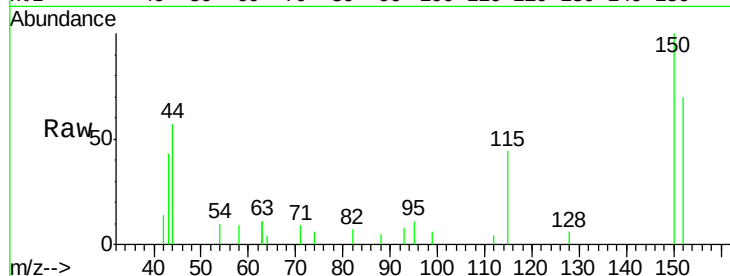
Tgt Ion:152 Resp: 2288

Ion Ratio Lower Upper

152 100

150 143.5 118.2 177.4

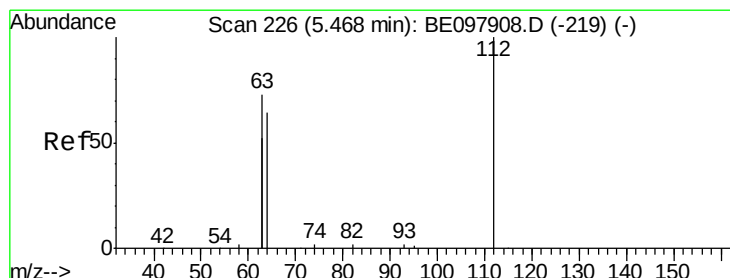
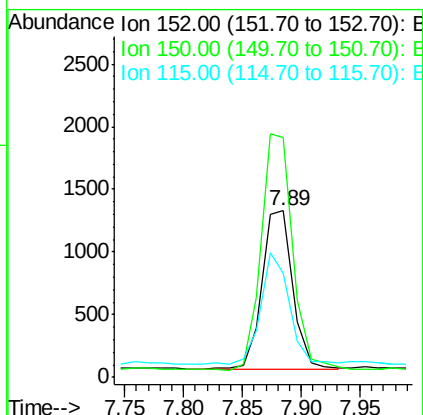
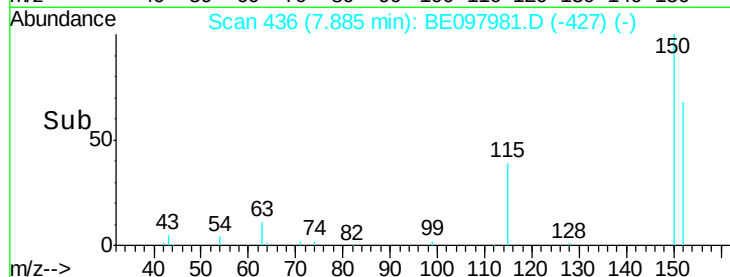
115 62.5 50.9 76.3



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: 0.189 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

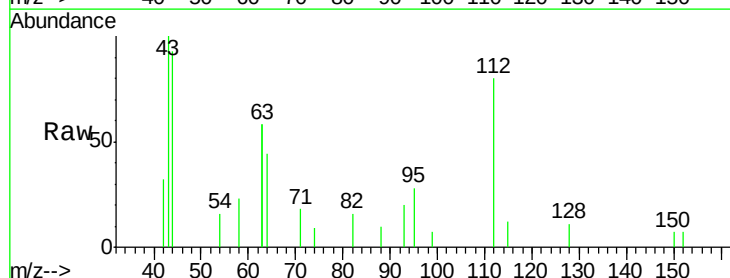
Tgt Ion:112 Resp: 1367

Ion Ratio Lower Upper

112 100

64 68.8 58.9 88.3

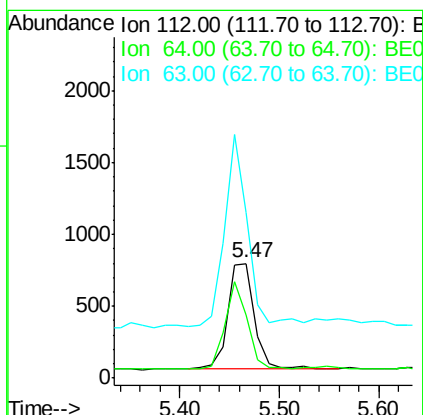
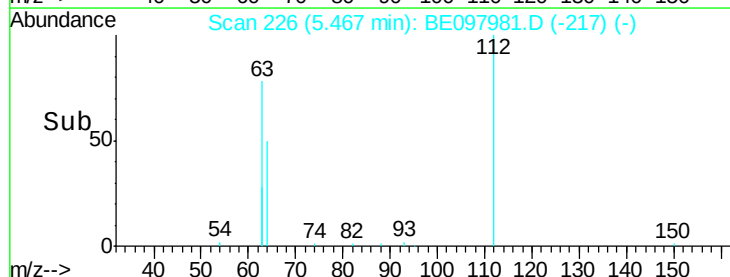
63 148.9 120.3 180.5

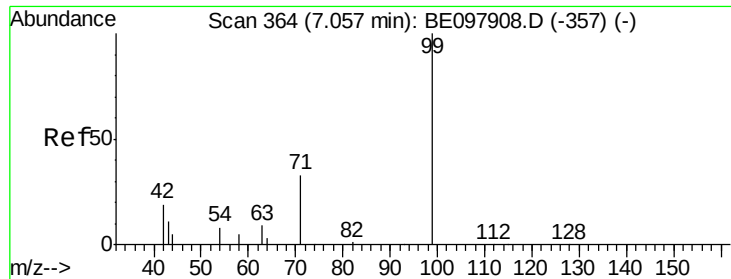


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.118 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181008

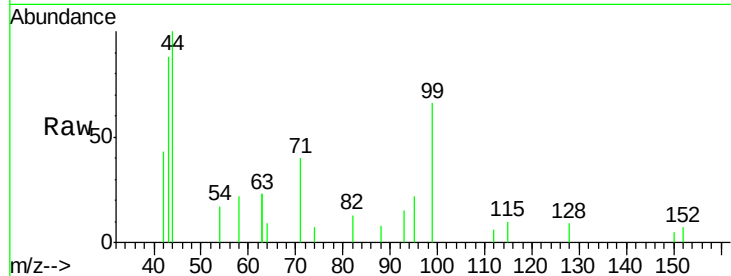
Tgt Ion: 99 Resp: 1256

Ion Ratio Lower Upper

99 100

42 0.0 19.9 29.9#

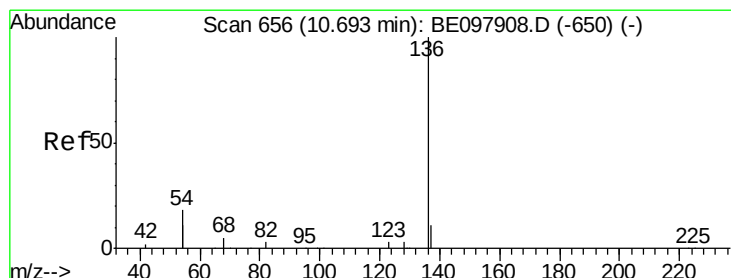
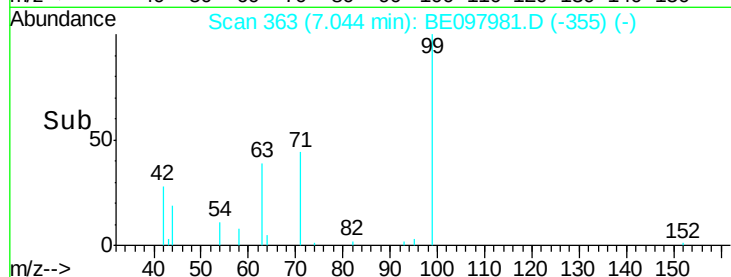
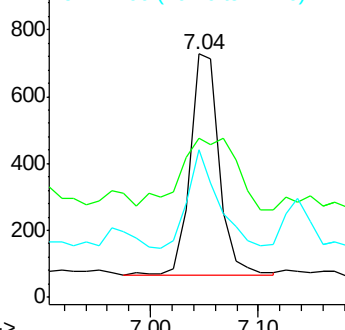
71 46.3 27.8 41.8#



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# 655

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Tgt Ion: 136 Resp: 10920

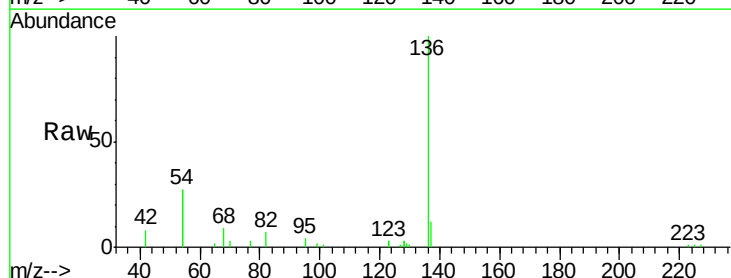
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 54.9 27.7 41.5#

68 9.2 5.3 7.9#

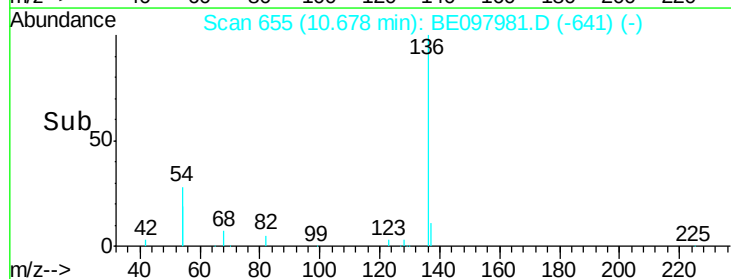
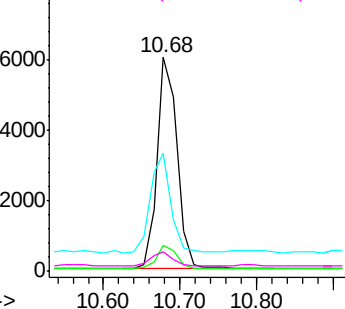


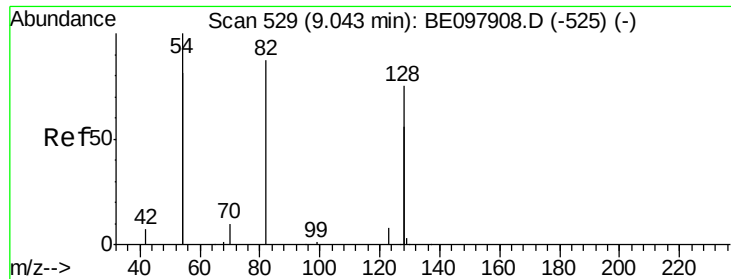
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181008

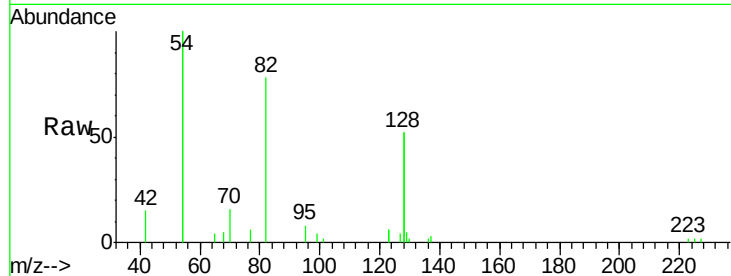
Tgt Ion: 82 Resp: 4061

Ion Ratio Lower Upper

82 100

128 132.9 129.9 194.9

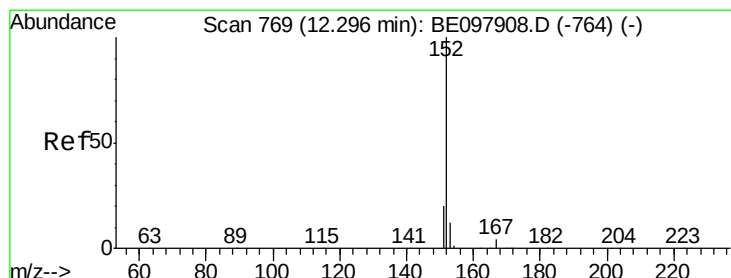
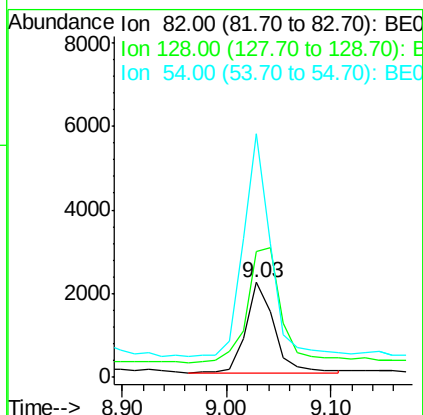
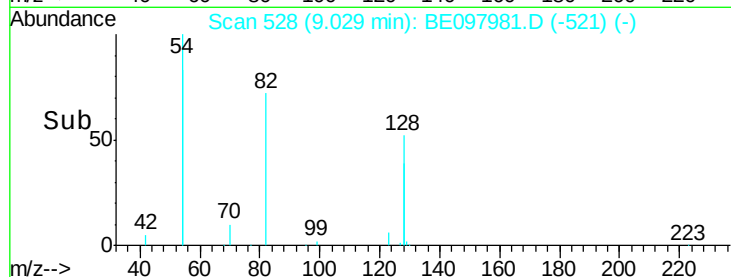
54 257.0 174.0 261.0



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: 0.415 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE097981.D

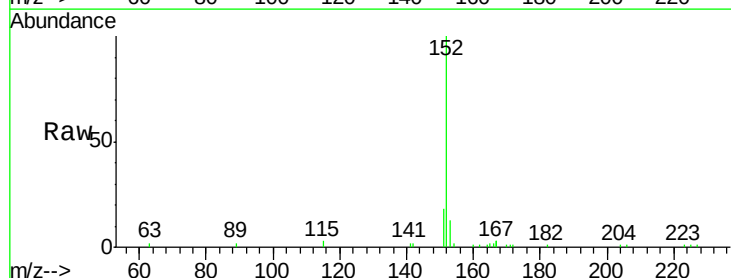
Acq: 18 Oct 2018 17:24

Tgt Ion: 152 Resp: 7536

Ion Ratio Lower Upper

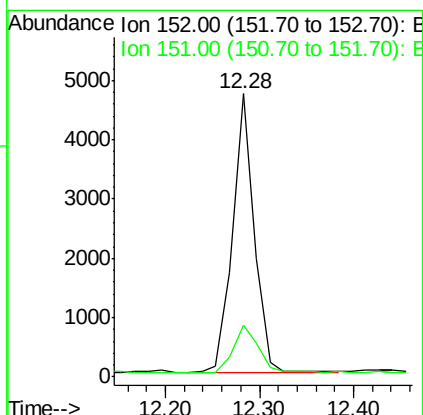
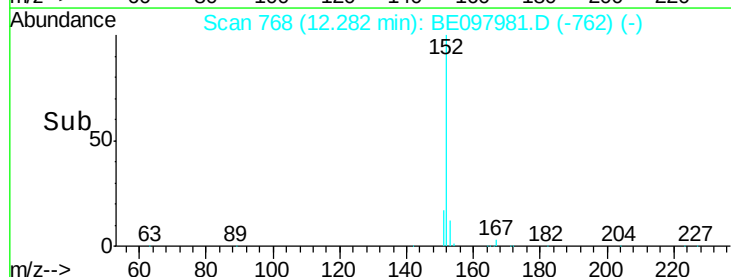
152 100

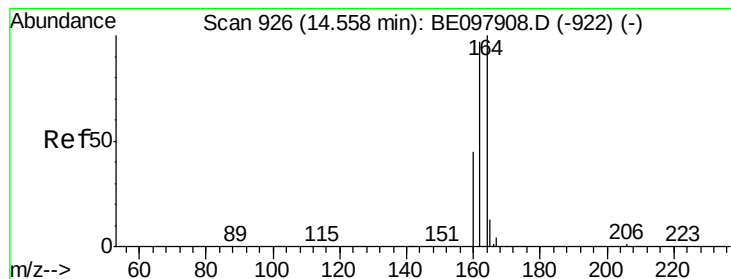
151 20.2 16.2 24.4



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# 925

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181008

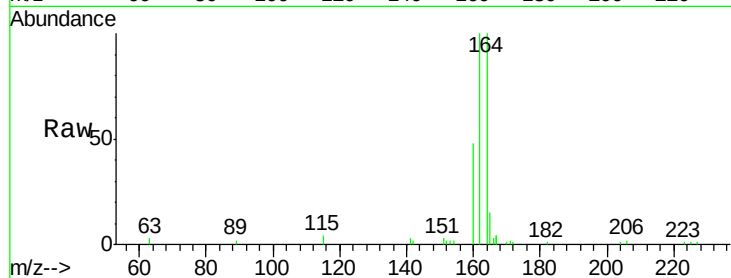
Tgt Ion:164 Resp: 8399

Ion Ratio Lower Upper

164 100

162 100.5 77.4 116.2

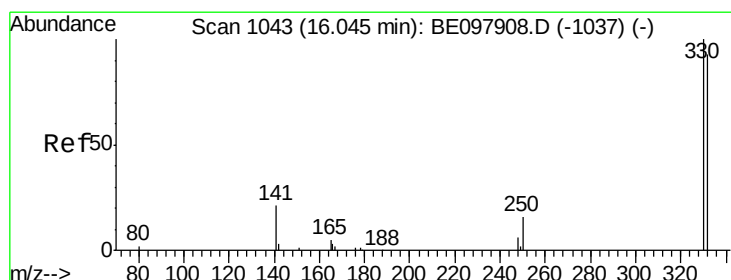
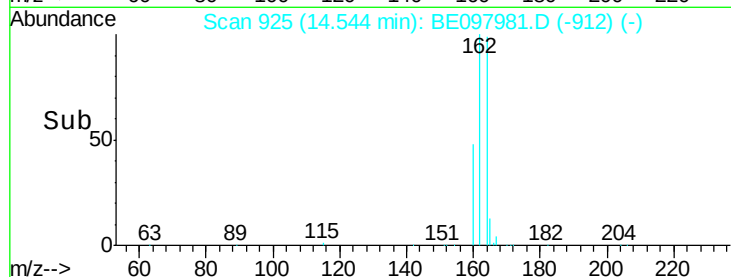
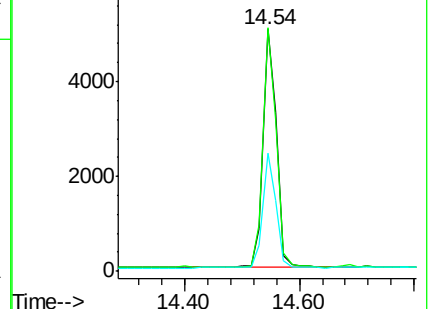
160 48.5 36.5 54.7



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: 0.426 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

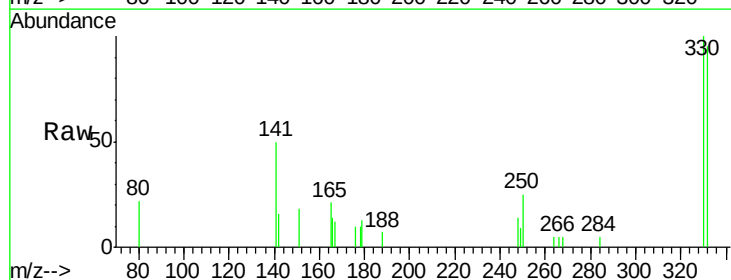
Tgt Ion:330 Resp: 1926

Ion Ratio Lower Upper

330 100

332 96.8 76.5 114.7

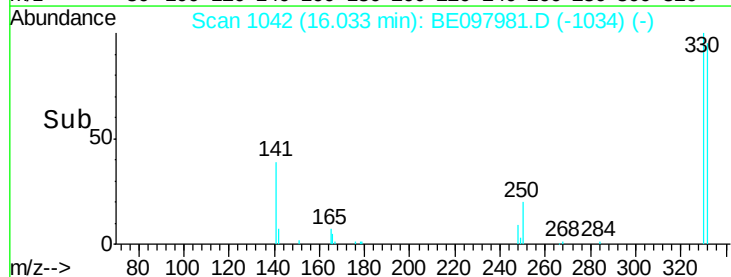
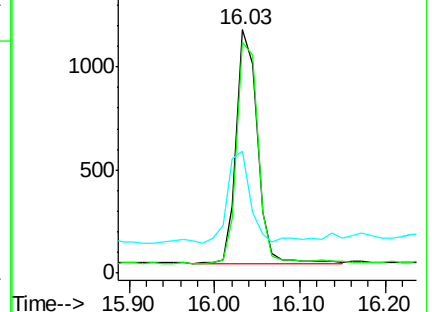
141 42.6 31.8 47.6

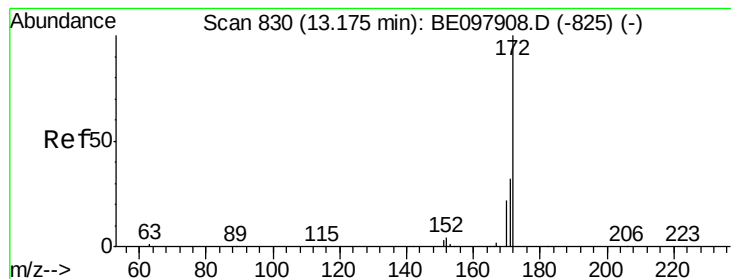


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.359 ng

RT: 13.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Instrument :

BNA_E

ClientSampleId :

KY038PS035-181008

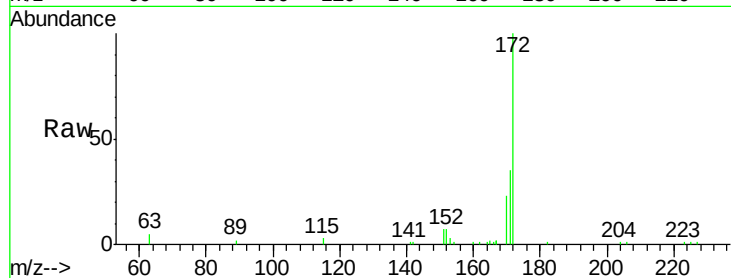
Tgt Ion:172 Resp: 12305

Ion Ratio Lower Upper

172 100

171 35.1 26.0 39.0

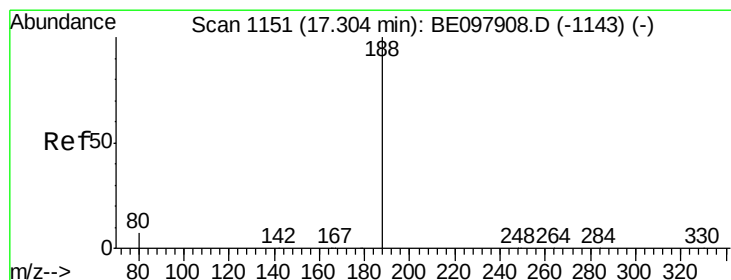
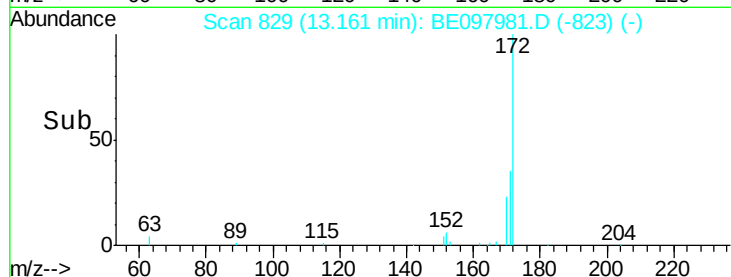
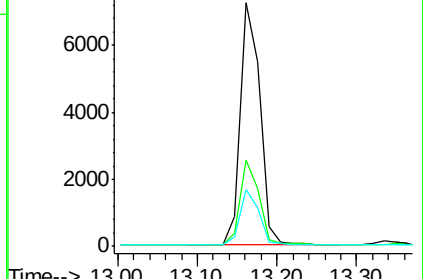
170 23.3 18.0 27.0



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# 1150

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

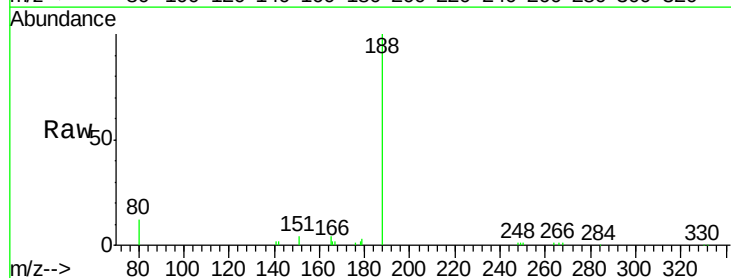
Tgt Ion:188 Resp: 20825

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

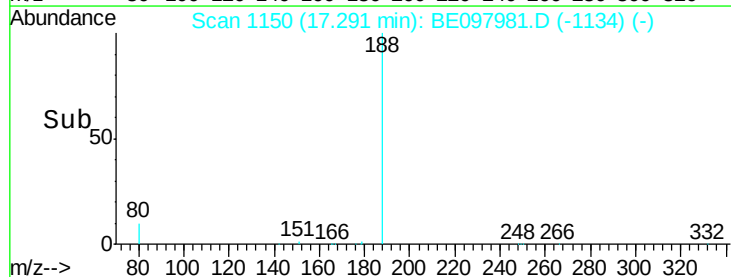
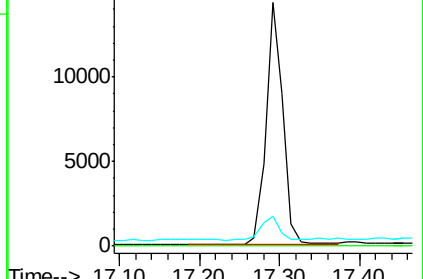
80 12.4 6.3 9.5#

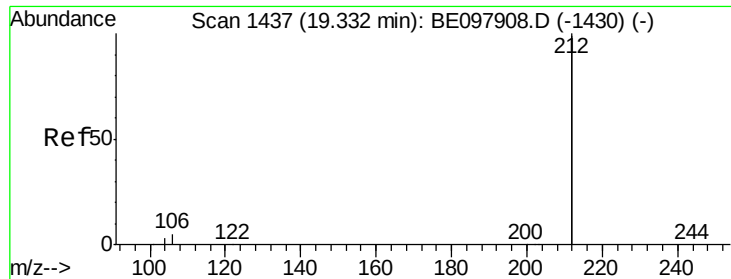


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

Instrument :

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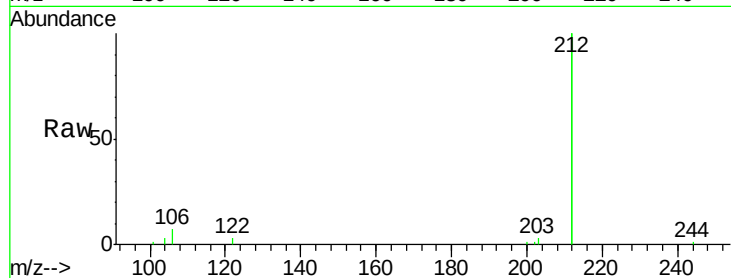
Tgt Ion:212 Resp: 100282

Ion Ratio Lower Upper

212 100

106 3.1 2.3 3.5

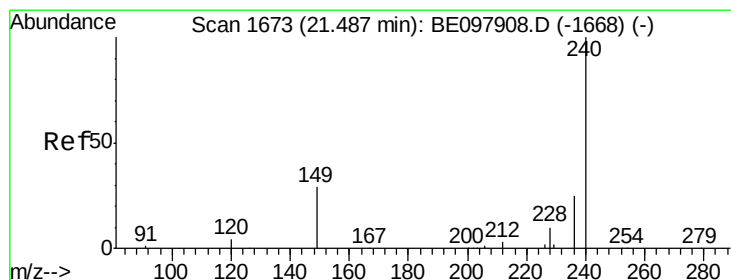
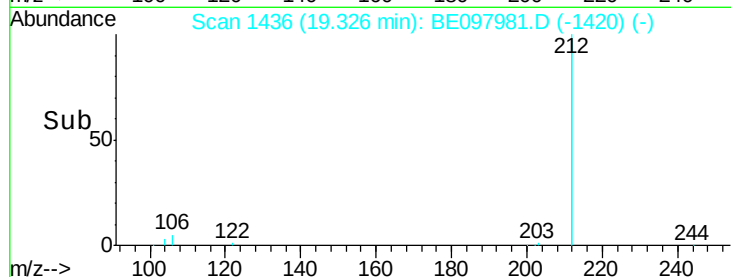
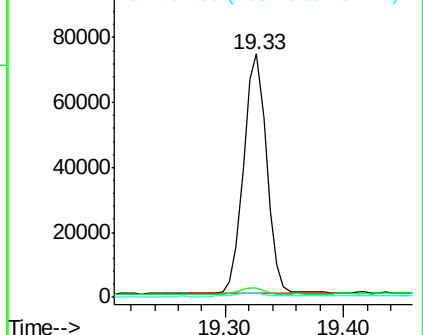
104 1.6 1.3 1.9



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: 21.48 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097981.D

Acq: 18 Oct 2018 17:24

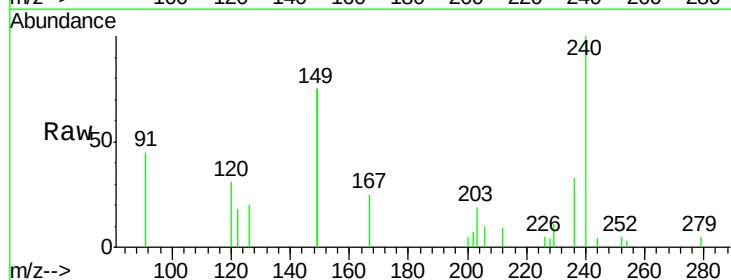
Tgt Ion:240 Resp: 22481

Ion Ratio Lower Upper

240 100

120 31.2 7.1 10.7#

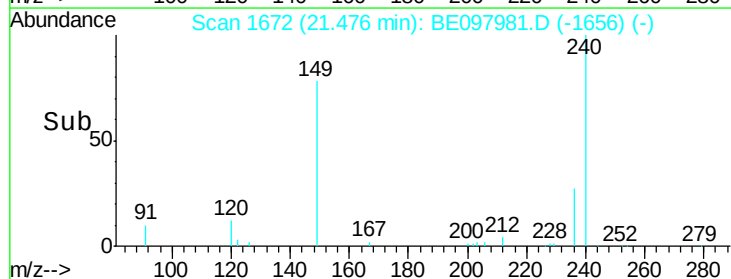
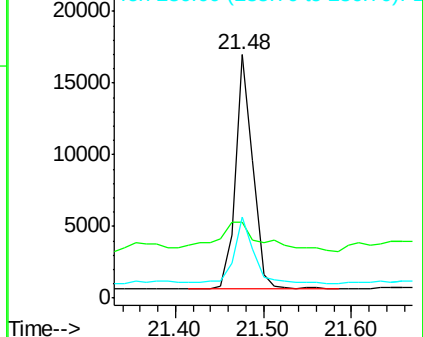
236 33.4 21.3 31.9#

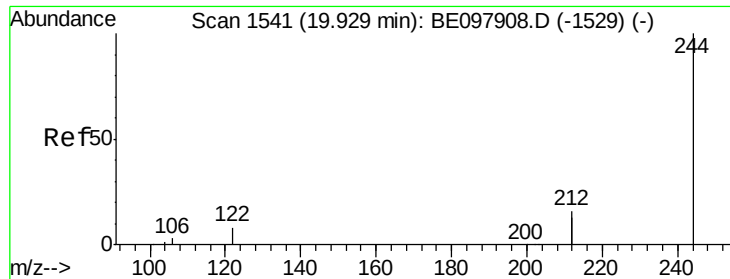


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.539 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BE097981.D

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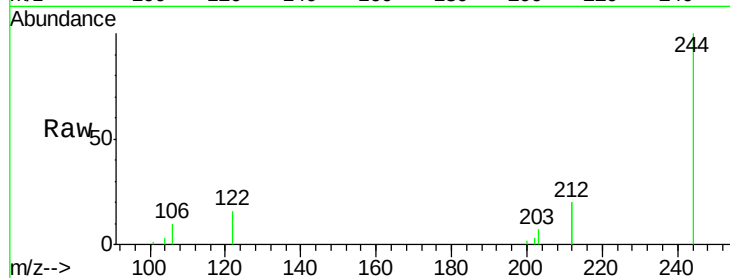
Tgt Ion:244 Resp: 27762

Ion Ratio Lower Upper

244 100

212 39.5 26.2 39.2#

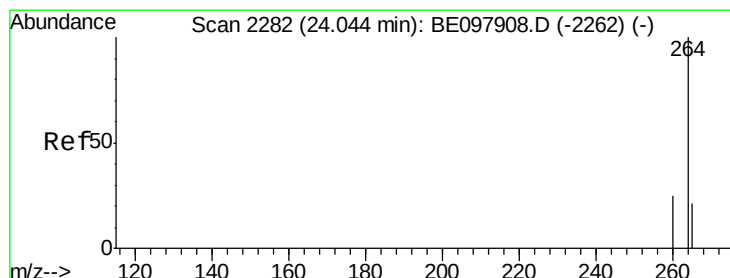
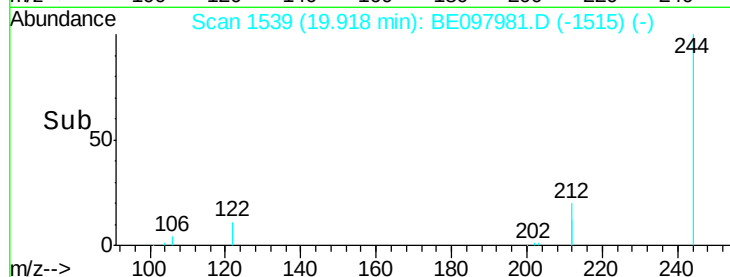
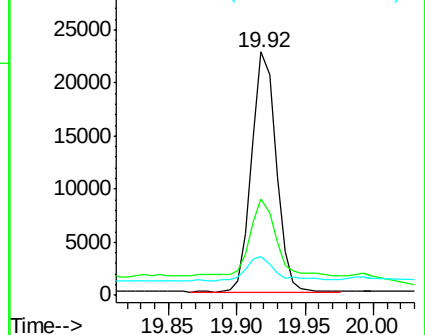
122 16.0 7.7 11.5#



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: BE097981.D

Acq: 18 Oct 2018 17:24

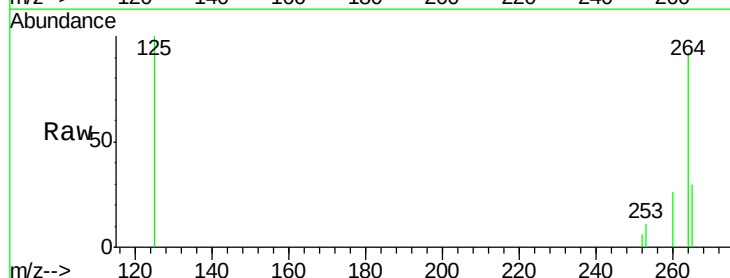
Tgt Ion:264 Resp: 22393

Ion Ratio Lower Upper

264 100

260 27.8 21.1 31.7

265 32.8 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

