

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100818\
 Data File : BE097796.D
 Acq On : 8 Oct 2018 16:14
 Operator : SJ/JU
 Sample : PB113577BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113577BL

Quant Time: Oct 09 07:38:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 06:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4053	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	14851	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	7392	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	17927	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	20989	0.40	ng	-0.01
34) Perylene-d12	24.02	264	23550	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	2531	0.26	ng	0.00
5) Phenol-d6	7.05	99	3056	0.21	ng	0.00
8) Nitrobenzene-d5	9.04	82	2178	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	6344	0.27	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	305	0.23	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	9173	0.28	ng	-0.02
25) Fluoranthene-d10	19.32	212	58217	0.26	ng	-0.01
29) Terphenyl-d14	19.92	244	10403	0.24	ng	-0.01

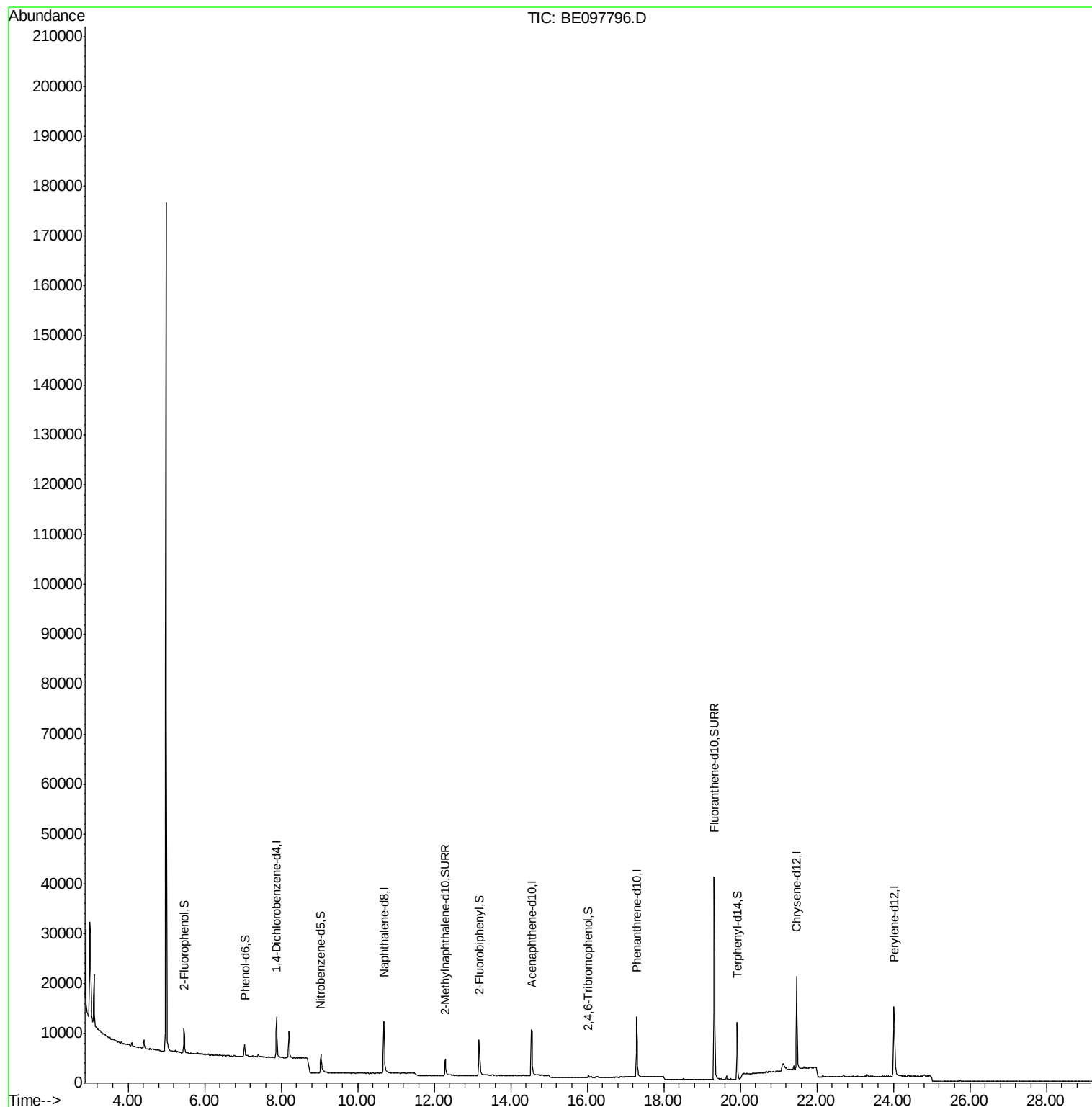
Target Compounds	Qvalue
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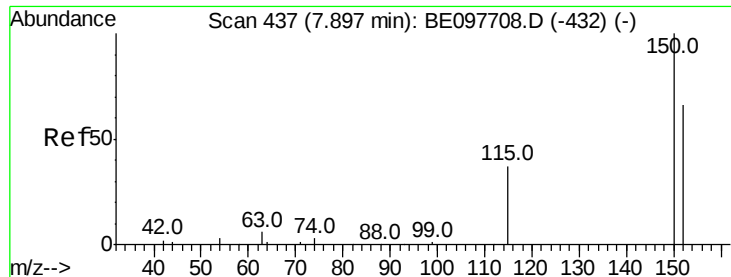
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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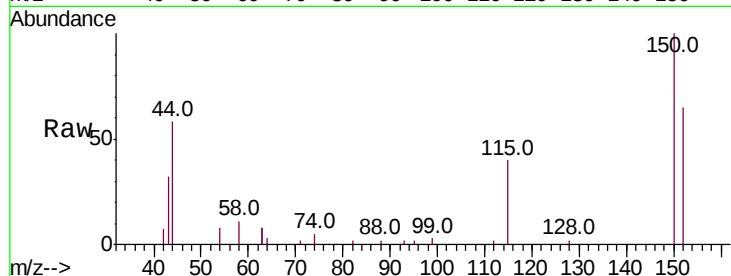


#1

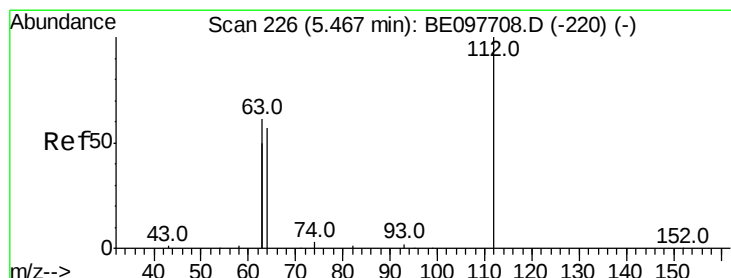
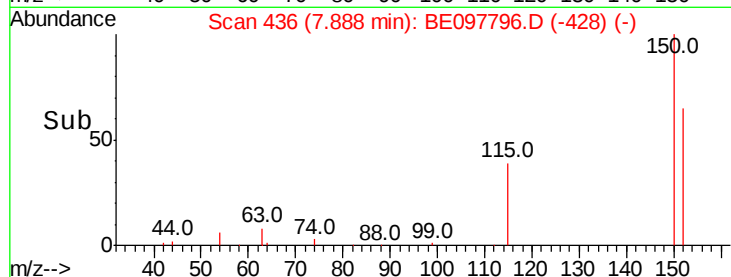
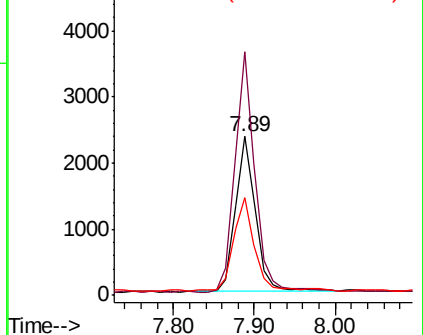
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE097796.D
Acq: 8 Oct 2018 16:14

Instrument :
BNA_E
ClientSampleId :
PB113577BL

Tot Ion:152 Resp: 4053
Ion Ratio Lower Upper
152 100
150 153.2 120.9 181.3
115 61.8 46.6 69.8



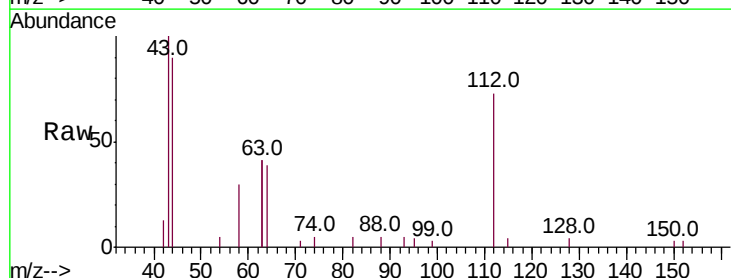
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



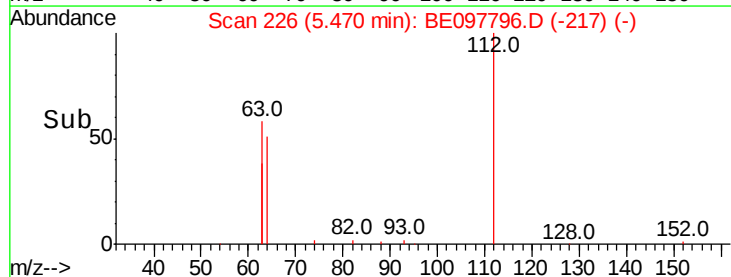
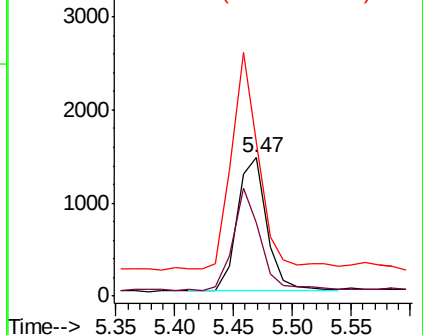
#4

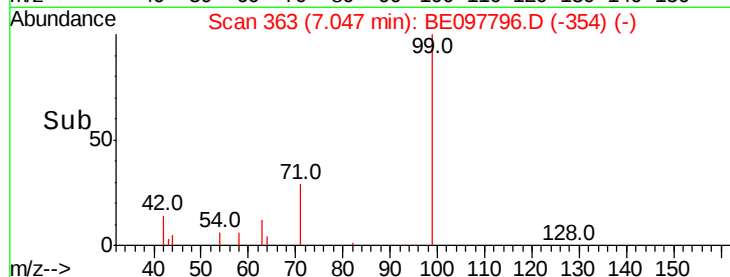
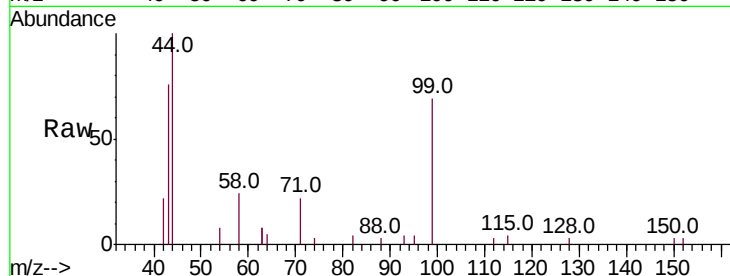
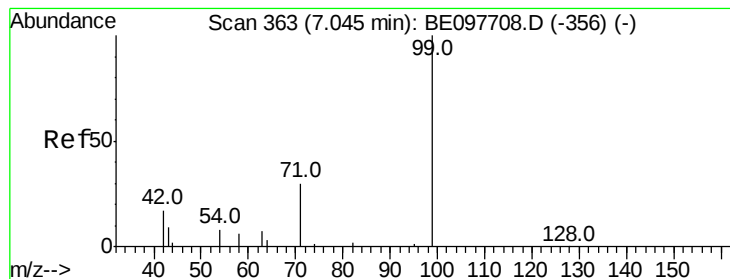
2-Fluorophenol
Concen: 0.264 ng
RT: 5.47 min Scan# 226
Delta R.T. 0.00 min
Lab File: BE097796.D
Acq: 8 Oct 2018 16:14

Tgt Ion:112 Resp: 2531
Ion Ratio Lower Upper
112 100
64 70.5 56.6 84.8
63 154.5 119.4 179.0



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: 0.208 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097796.D

Acq: 8 Oct 2018 16:14

Instrument :

BNA_E

ClientSampleId :

PB113577BL

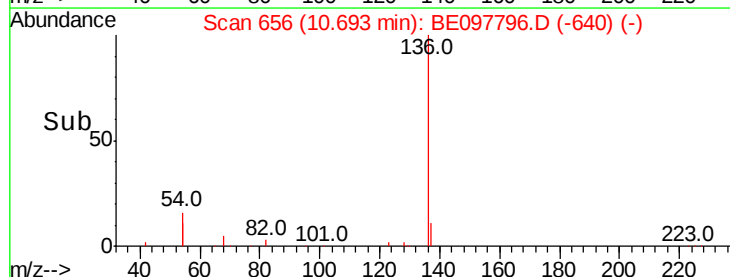
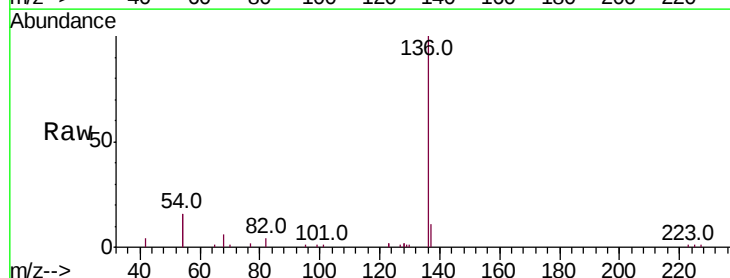
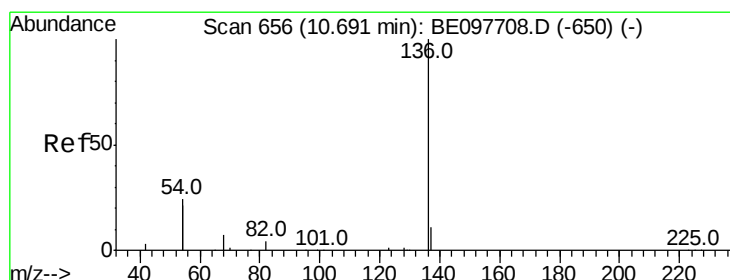
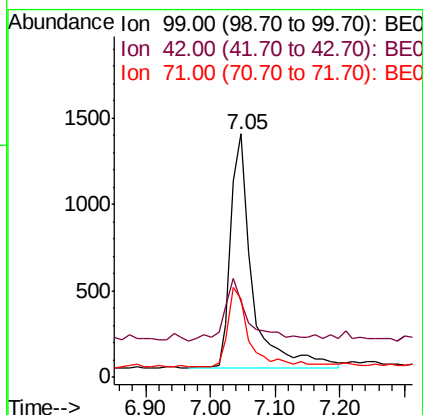
Tot Ion: 99 Resp: 3056

Ion Ratio Lower Upper

99 100

42 30.1 19.9 29.9#

71 35.2 25.4 38.2



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097796.D

Acq: 8 Oct 2018 16:14

Tgt Ion:136 Resp: 14851

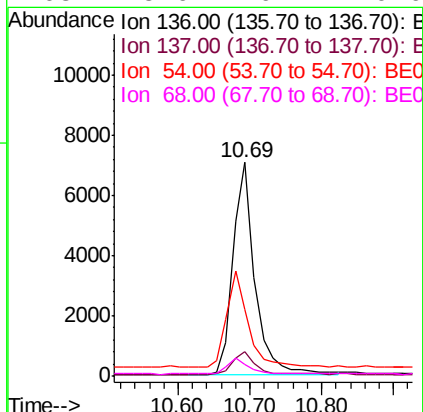
Ion Ratio Lower Upper

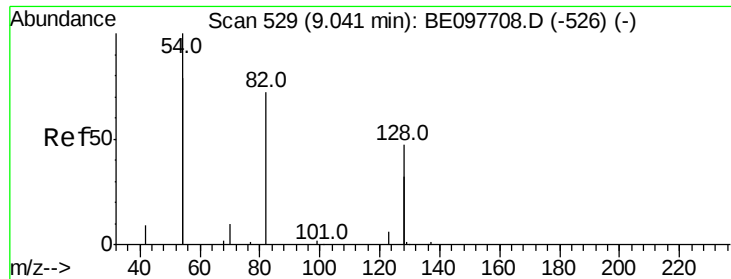
136 100

137 11.5 9.0 13.4

54 31.1 37.8 56.6#

68 5.6 6.4 9.6#





#8

Nitrobenzene-d5

Concen: 0.452 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097796.D

Acq: 8 Oct 2018 16:14

Instrument :

BNA_E

ClientSampleId :

PB113577BL

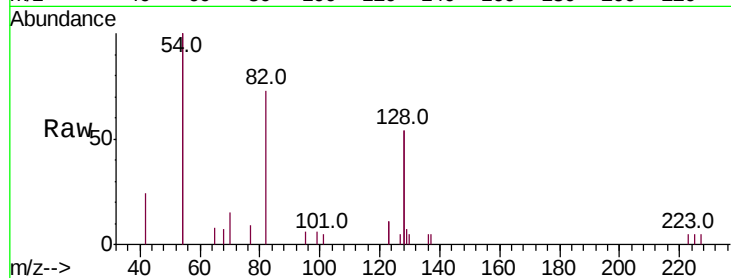
Tot Ion: 82 Resp: 2178

Ion Ratio Lower Upper

82 100

128 148.2 97.0 145.4#

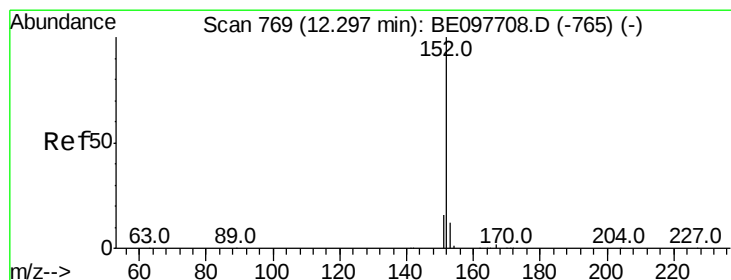
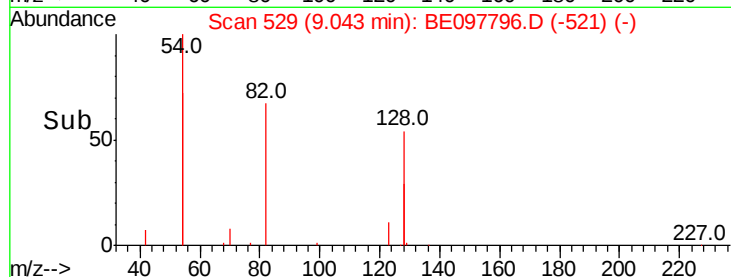
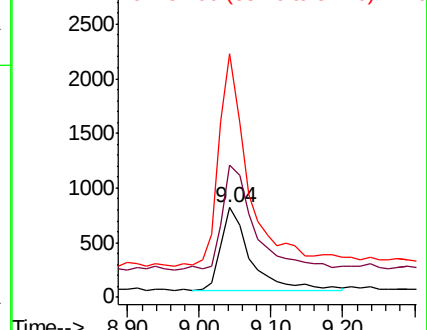
54 272.4 206.9 310.3



Abundance Ion 82.00 (81.70 to 82.70): BE097708.D (-526) (-)

Ion 128.00 (127.70 to 128.70): BE097708.D (-526) (-)

Ion 54.00 (53.70 to 54.70): BE097708.D (-526) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.268 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097796.D

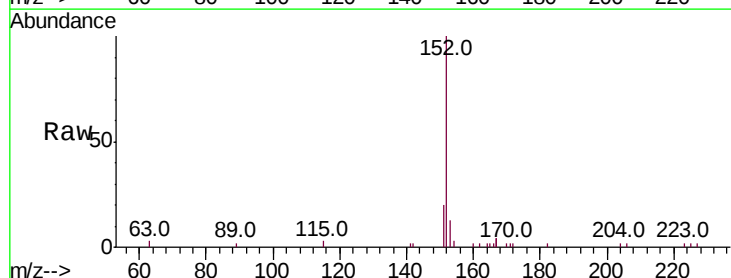
Acq: 8 Oct 2018 16:14

Tgt Ion: 152 Resp: 6344

Ion Ratio Lower Upper

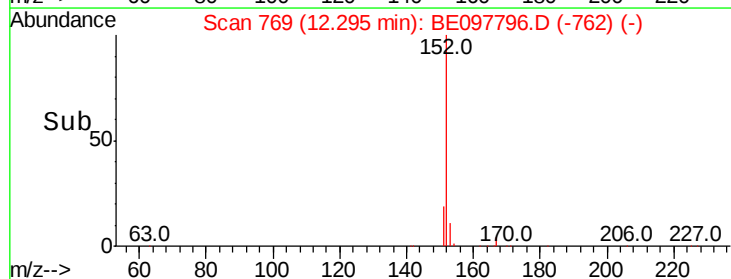
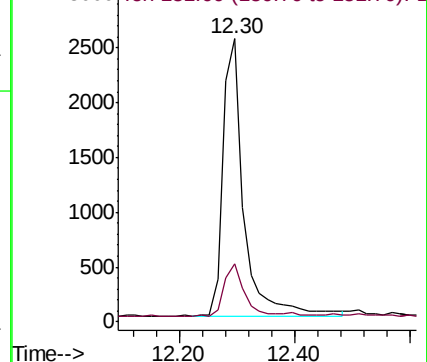
152 100

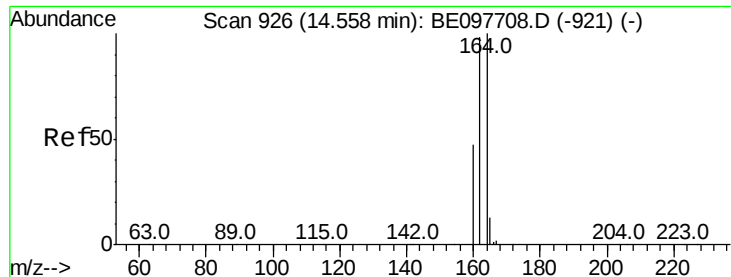
151 18.0 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): BE097708.D (-765) (-)

Ion 151.00 (150.70 to 151.70): BE097708.D (-765) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097796.D

Acq: 8 Oct 2018 16:14

Instrument :

BNA_E

ClientSampleId :

PB113577BL

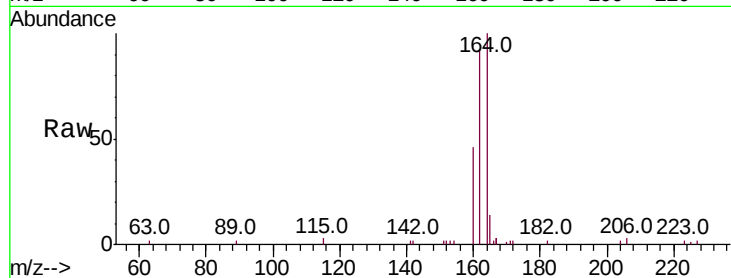
Tot Ion:164 Resp: 7392

Ion Ratio Lower Upper

164 100

162 92.2 78.6 117.8

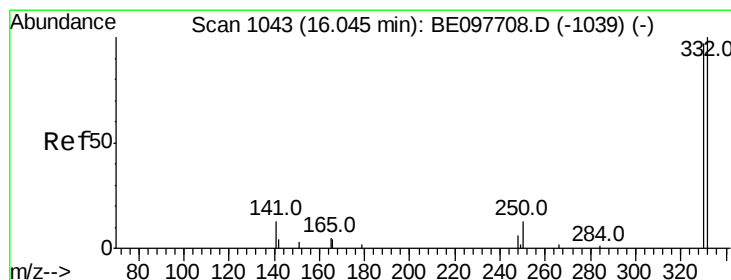
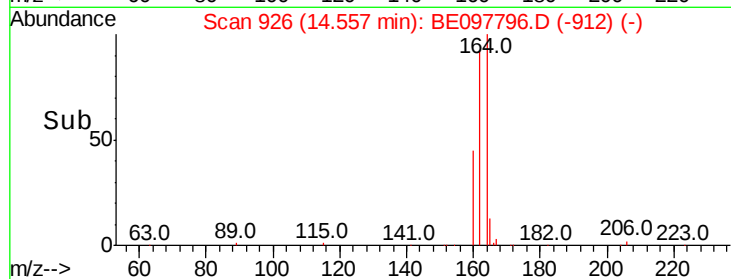
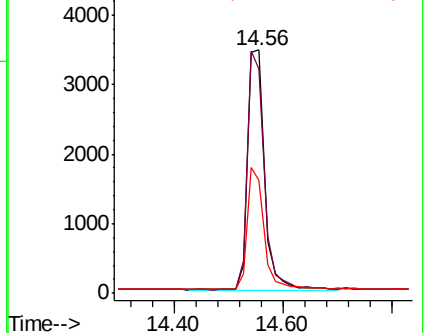
160 46.3 37.8 56.6



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: 0.228 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097796.D

Acq: 8 Oct 2018 16:14

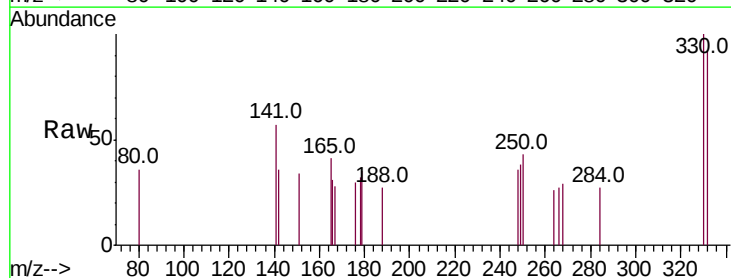
Tgt Ion:330 Resp: 305

Ion Ratio Lower Upper

330 100

332 107.9 83.5 125.3

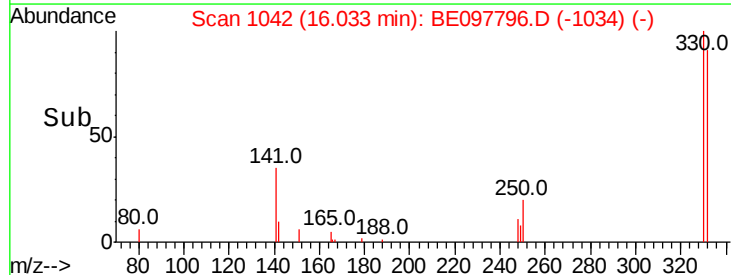
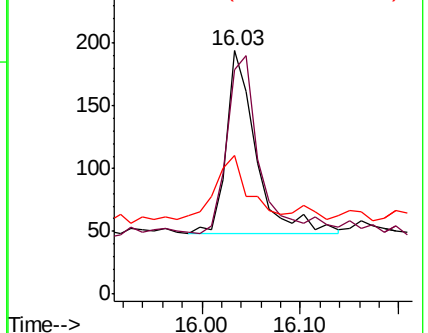
141 0.0 34.9 52.3#

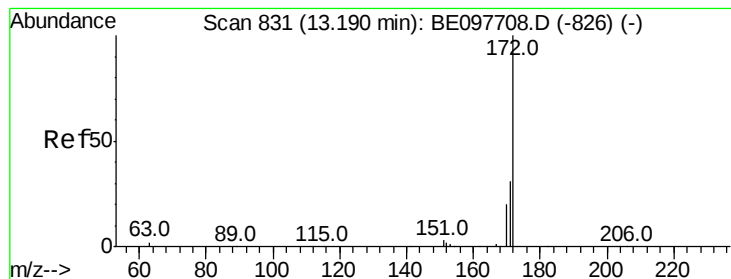


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

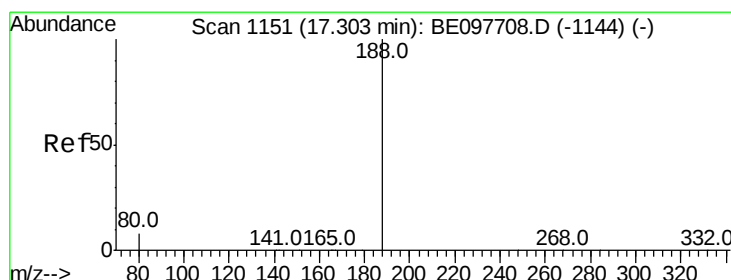
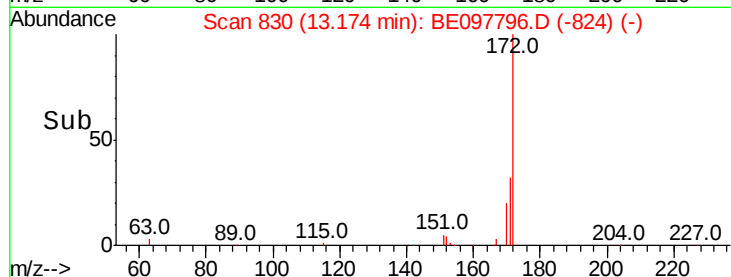
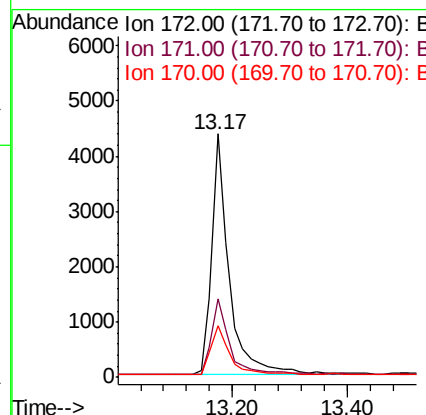
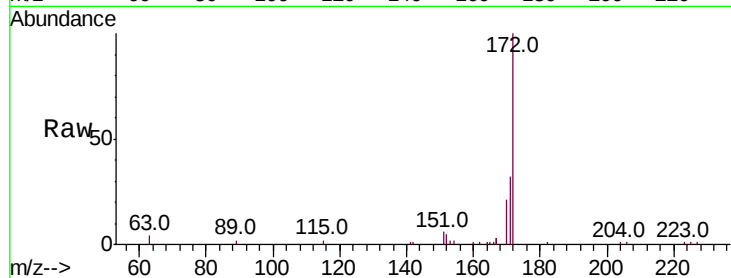




#15
 2-Fluorobiphenyl
 Concen: 0.282 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097796.D
 Acq: 8 Oct 2018 16:14

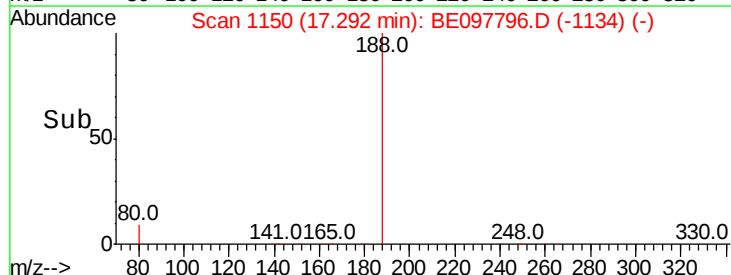
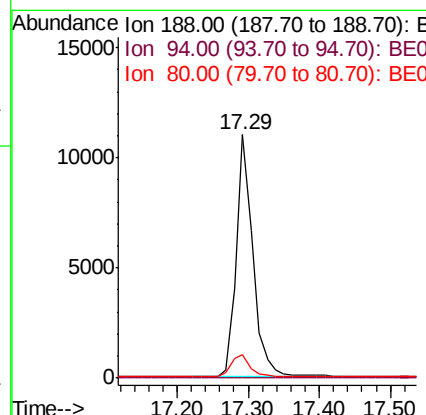
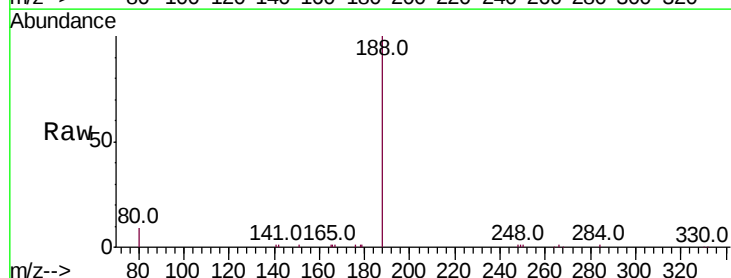
Instrument :
 BNA_E
 ClientSampleId :
 PB113577BL

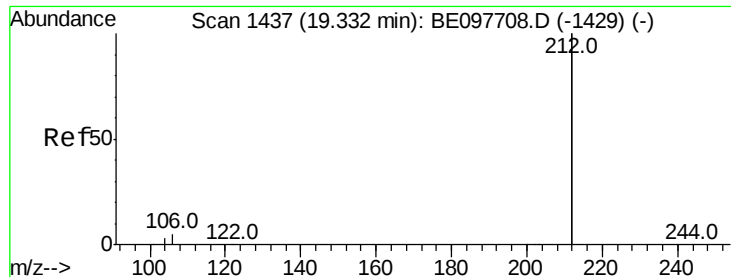
Tot Ion:172 Resp: 9173
 Ion Ratio Lower Upper
 172 100
 171 32.4 25.2 37.8
 170 21.3 16.2 24.2



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.29 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BE097796.D
 Acq: 8 Oct 2018 16:14

Tgt Ion:188 Resp: 17927
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.5 6.6 9.8





#25

Fluoranthene-d10

Concen: 0.257 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097796.D

Acq: 8 Oct 2018 16:14

Instrument :

BNA_E

ClientSampleId :

PB113577BL

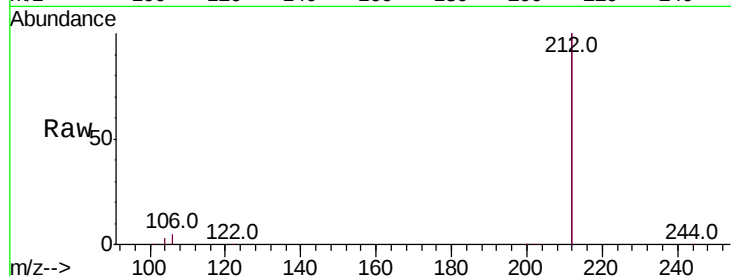
Tot Ion:212 Resp: 58217

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

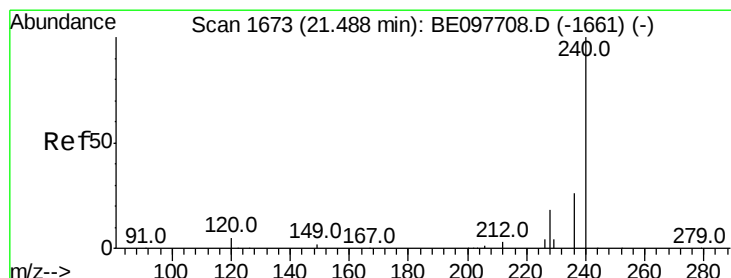
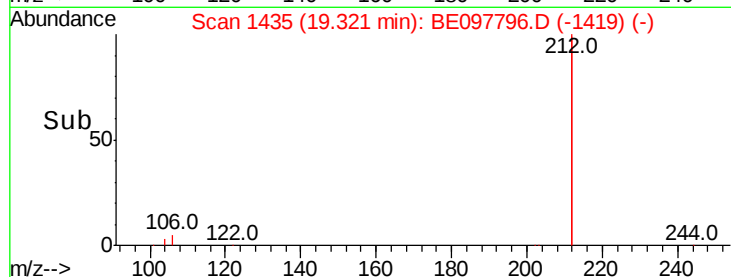
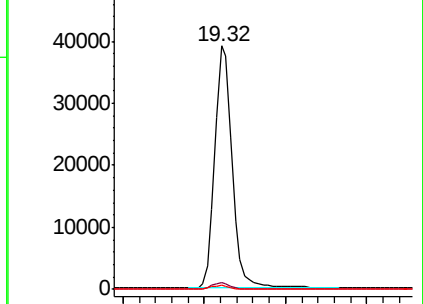
104 1.4 1.2 1.8



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# 1672

Delta R.T. -0.01 min

Lab File: BE097796.D

Acq: 8 Oct 2018 16:14

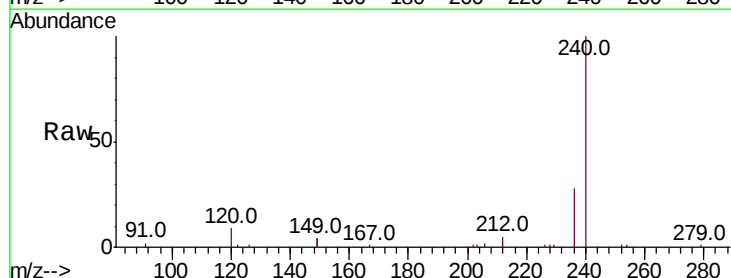
Tgt Ion:240 Resp: 20989

Ion Ratio Lower Upper

240 100

120 9.3 4.7 7.1#

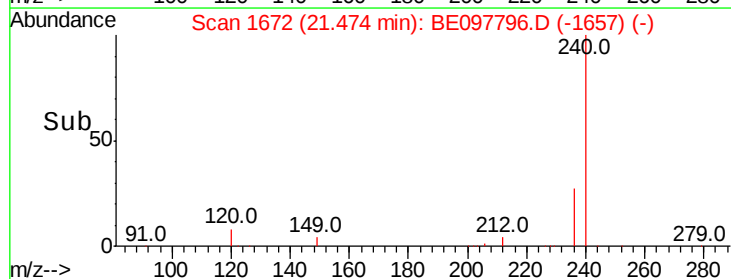
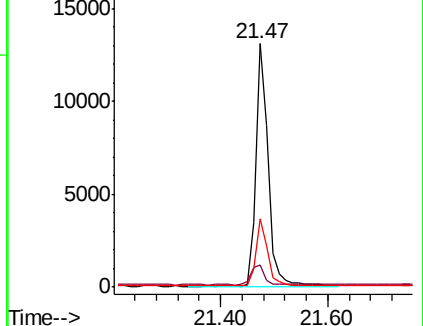
236 27.8 20.8 31.2

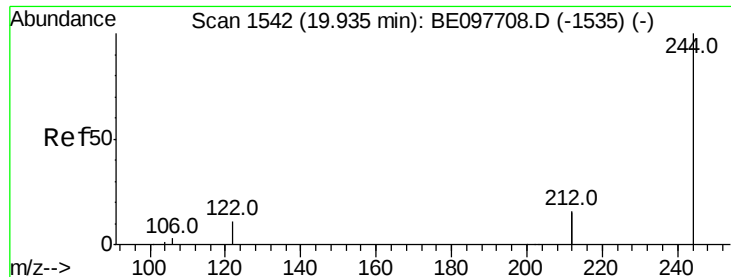


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.243 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097796.D

Acq: 8 Oct 2018 16:14

Instrument :

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ClientSampleId :

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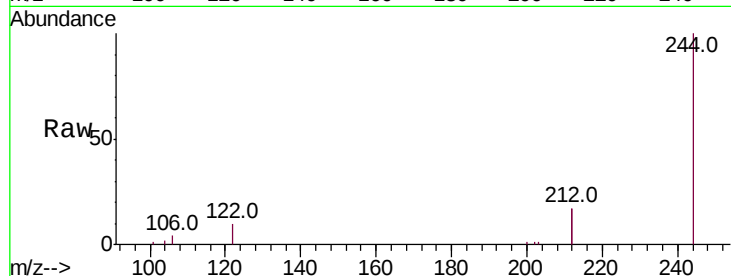
Tot Ion:244 Resp: 10403

Ion Ratio Lower Upper

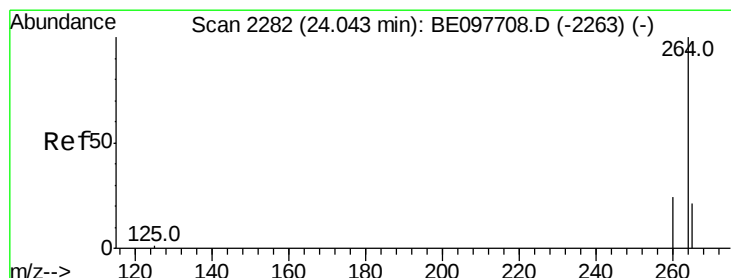
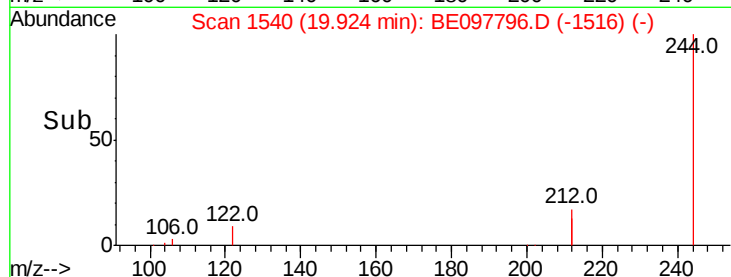
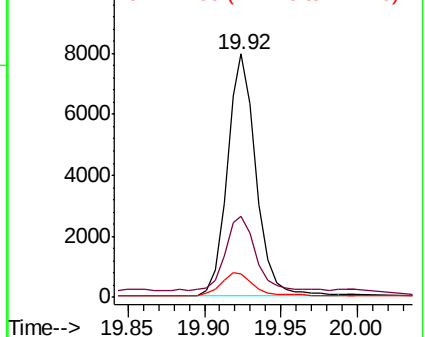
244 100

212 33.1 25.8 38.8

122 9.7 8.7 13.1



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: 24.02 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE097796.D

Acq: 8 Oct 2018 16:14

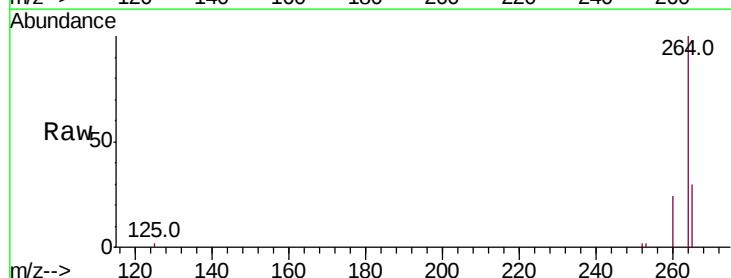
Tgt Ion:264 Resp: 23550

Ion Ratio Lower Upper

264 100

260 24.4 19.1 28.7

265 29.7 21.9 32.9



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

