

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100818\
 Data File : BE097794.D
 Acq On : 8 Oct 2018 14:59
 Operator : SJ/JU
 Sample : PB113550BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB113550BL

Quant Time: Oct 09 06:57:22 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	7.88	152	4528	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	16960	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	8000	0.40	ng	-0.02
19) Phenanthrene-d10	17.29	188	18952	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	20653	0.40	ng	-0.01
34) Perylene-d12	24.02	264	23078	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	3590	0.34	ng	0.00
5) Phenol-d6	7.04	99	4539	0.28	ng	0.00
8) Nitrobenzene-d5	9.04	82	2995	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8319	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	416	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	12552	0.36	ng	-0.02
25) Fluoranthene-d10	19.33	212	72975	0.30	ng	0.00
29) Terphenyl-d14	19.92	244	13047	0.31	ng	-0.01

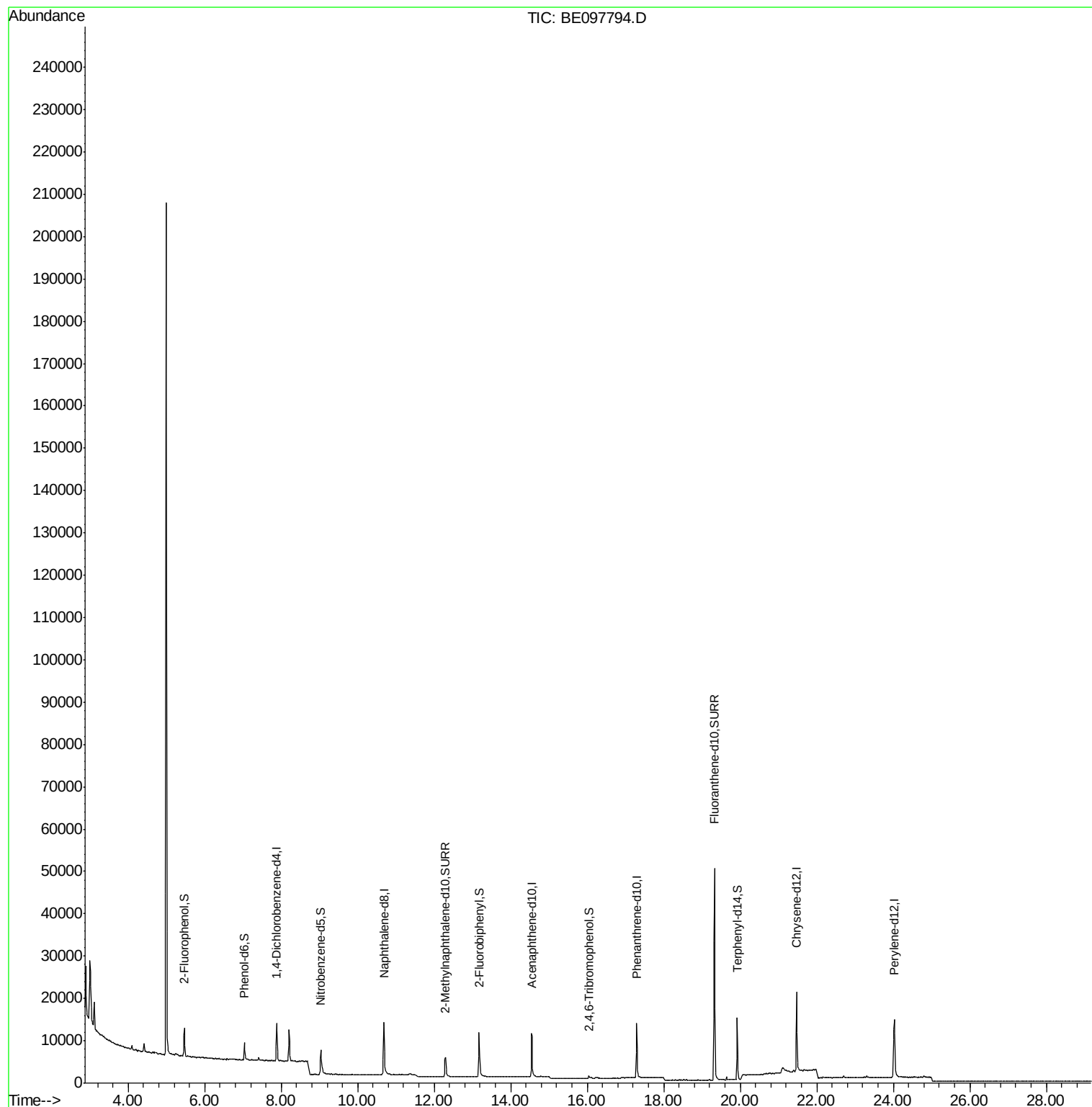
Target Compounds	Qvalue
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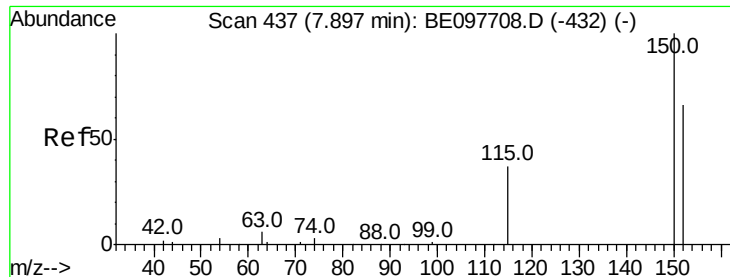
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.01 min

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Instrument :

BNA_E

ClientSampleId :

PB113550BL

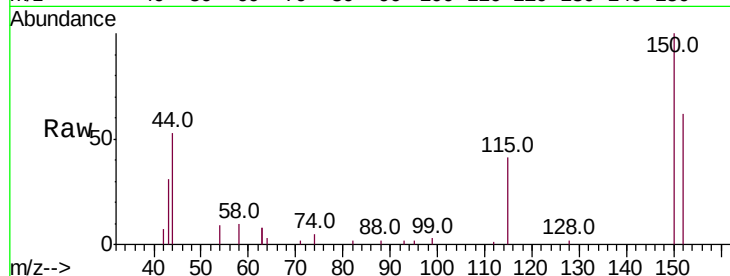
Tot Ion:152 Resp: 4528

Ion Ratio Lower Upper

152 100

150 160.4 120.9 181.3

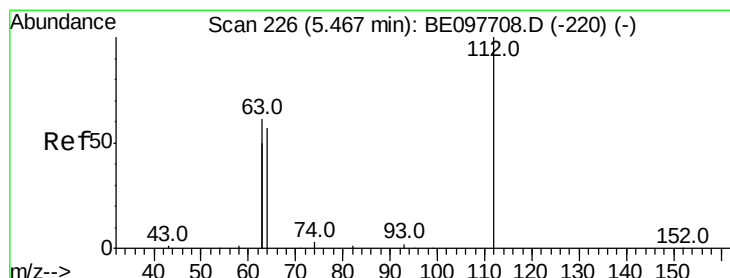
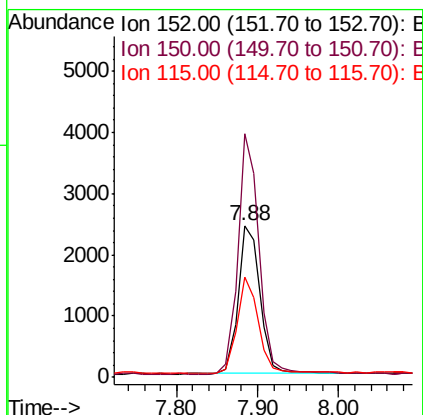
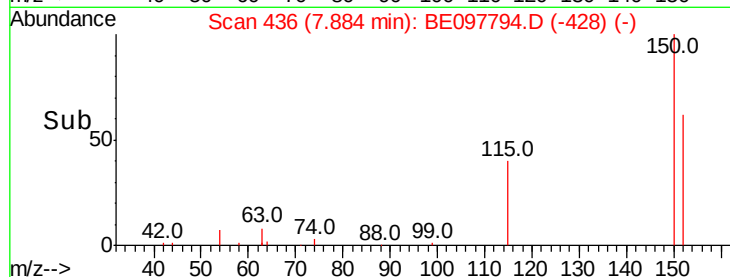
115 65.7 46.6 69.8



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: 0.335 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097794.D

Acq: 8 Oct 2018 14:59

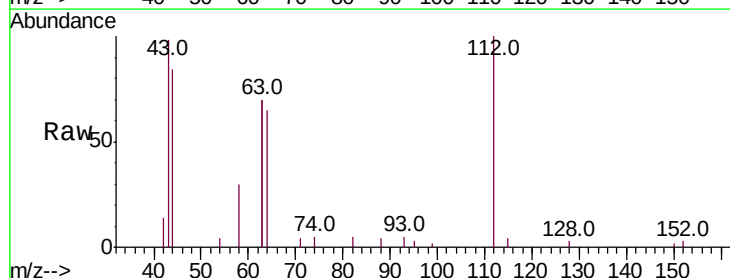
Tgt Ion:112 Resp: 3590

Ion Ratio Lower Upper

112 100

64 71.2 56.6 84.8

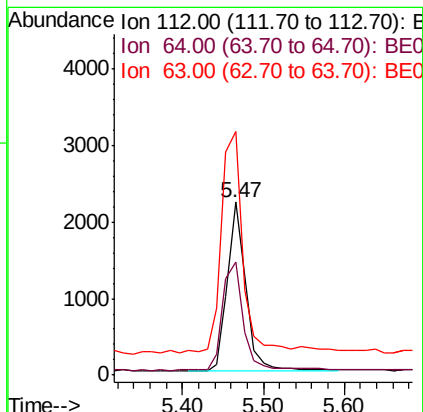
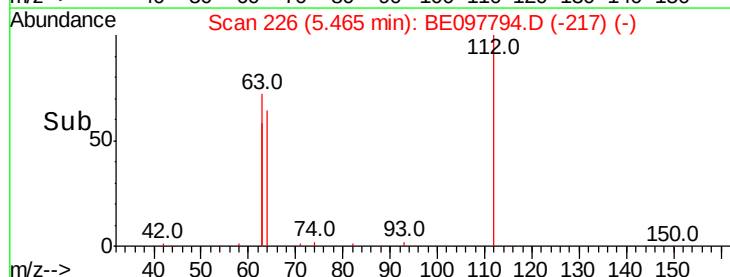
63 145.0 119.4 179.0

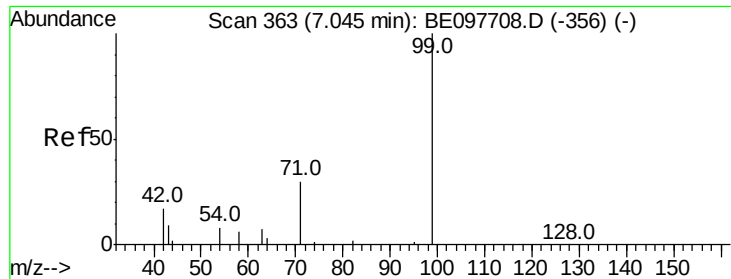


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.276 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097794.D

Acq: 8 Oct 2018 14:59

Instrument :

BNA_E

ClientSampleId :

PB113550BL

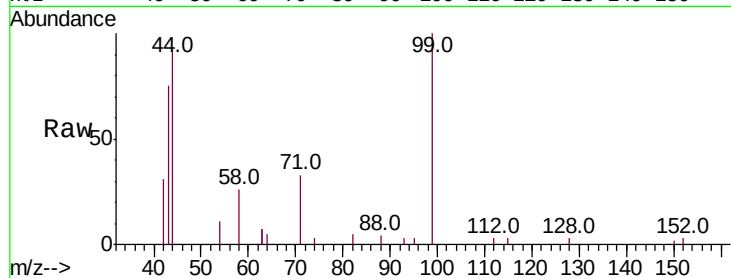
Tot Ion: 99 Resp: 4539

Ion Ratio Lower Upper

99 100

42 29.4 19.9 29.9

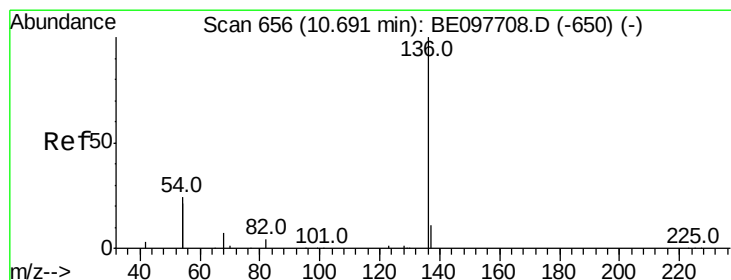
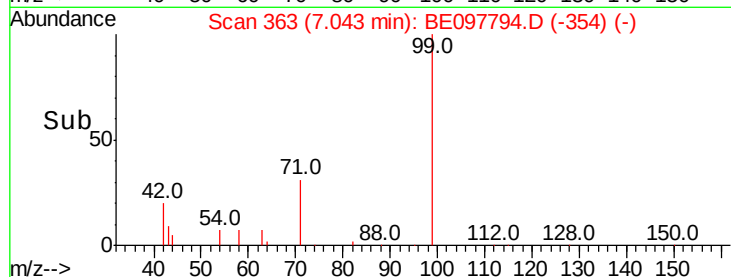
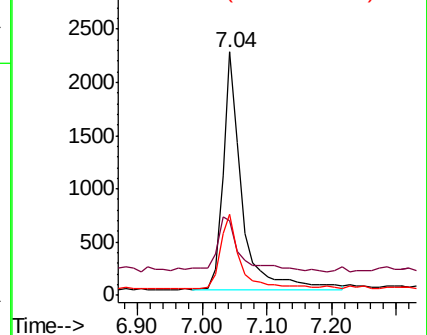
71 34.3 25.4 38.2



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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097794.D

Acq: 8 Oct 2018 14:59

Tgt Ion: 136 Resp: 16960

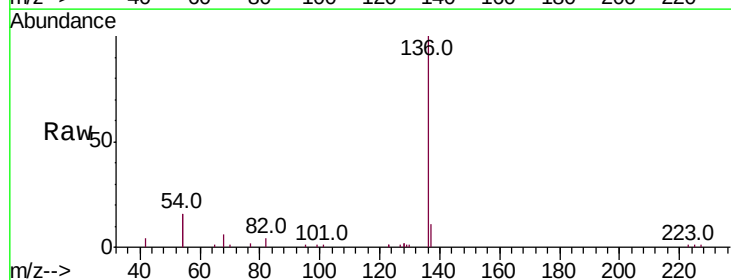
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 31.9 37.8 56.6#

68 6.0 6.4 9.6#

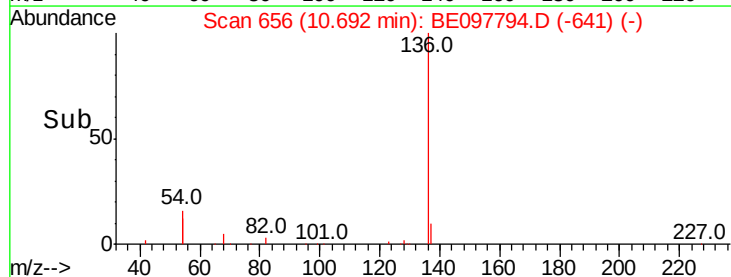
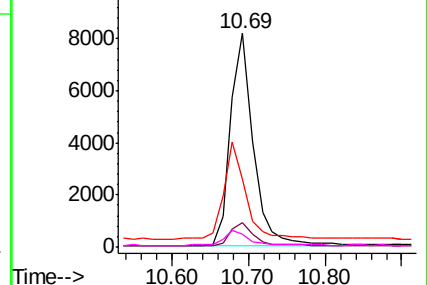


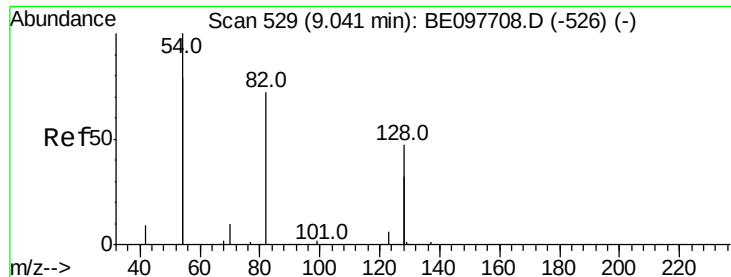
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.544 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097794.D

Acq: 8 Oct 2018 14:59

Instrument :

BNA_E

ClientSampleId :

PB113550BL

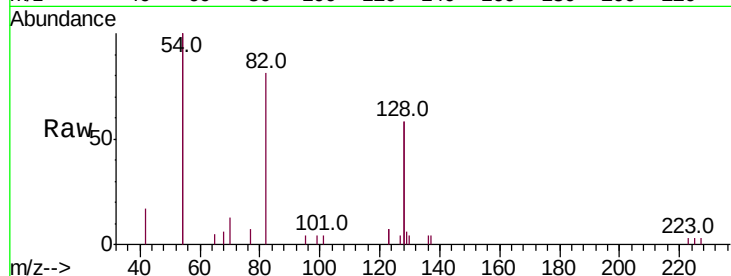
Tot Ion: 82 Resp: 2995

Ion Ratio Lower Upper

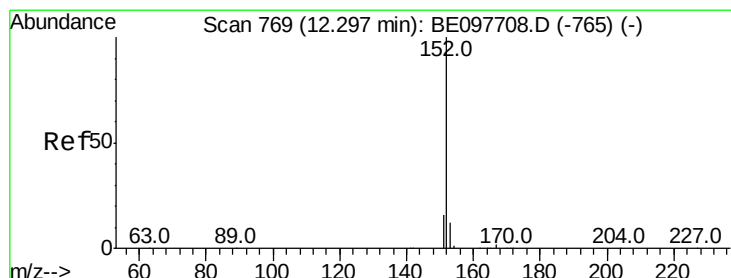
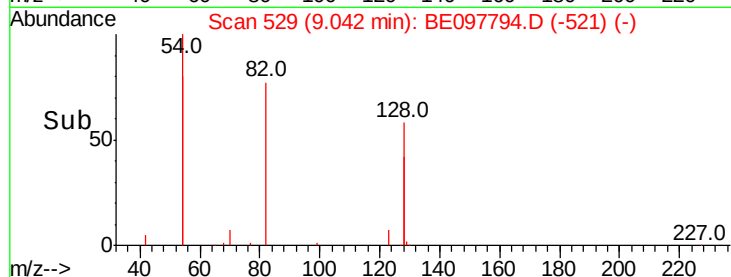
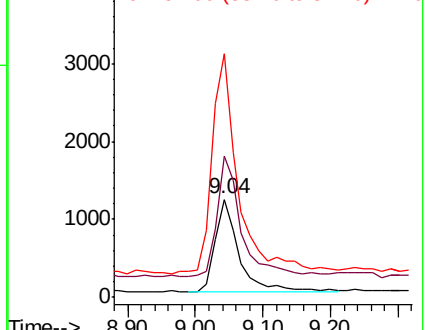
82 100

128 144.3 97.0 145.4

54 247.9 206.9 310.3



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: 0.308 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097794.D

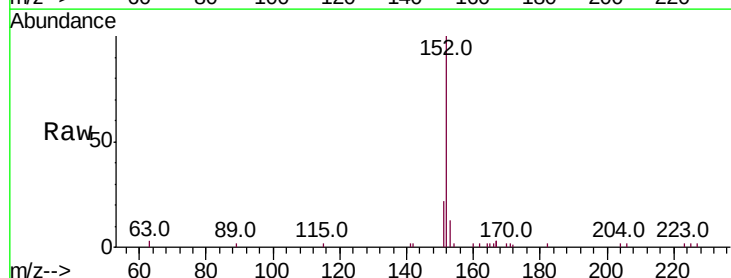
Acq: 8 Oct 2018 14:59

Tgt Ion: 152 Resp: 8319

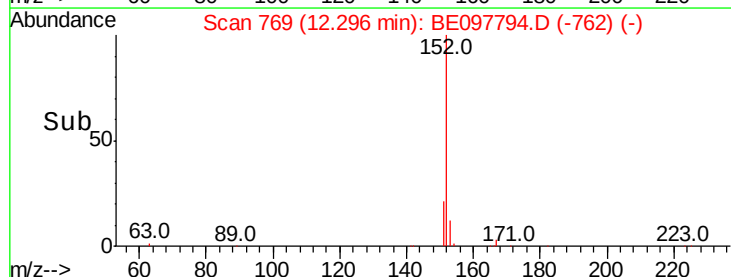
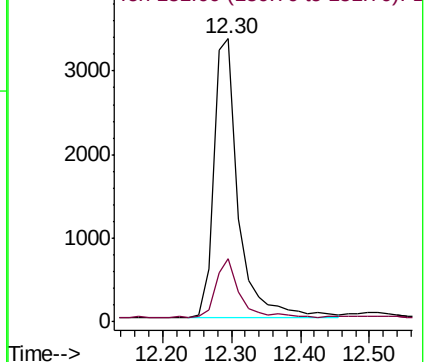
Ion Ratio Lower Upper

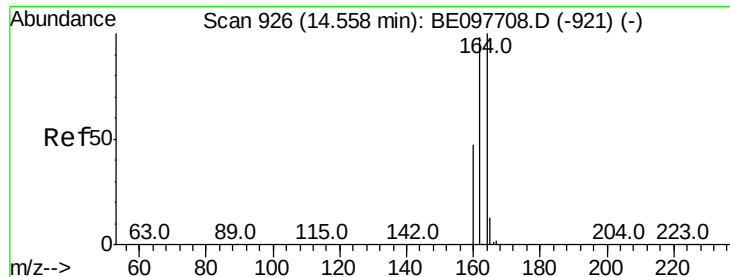
152 100

151 19.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

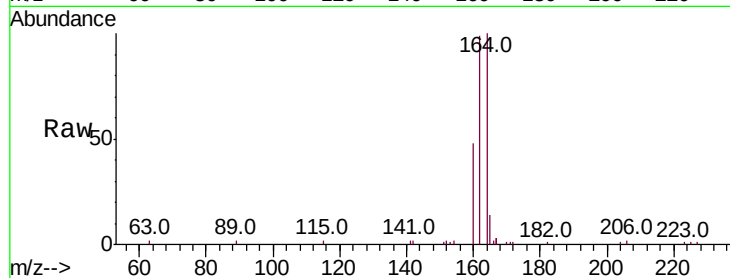




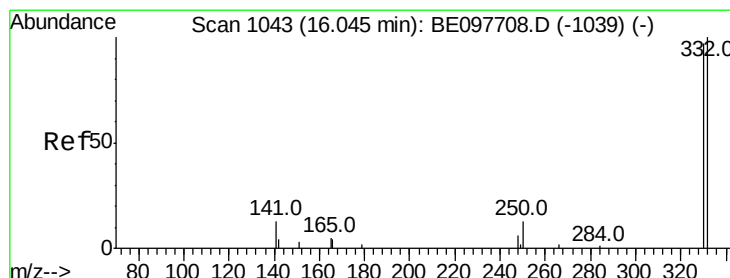
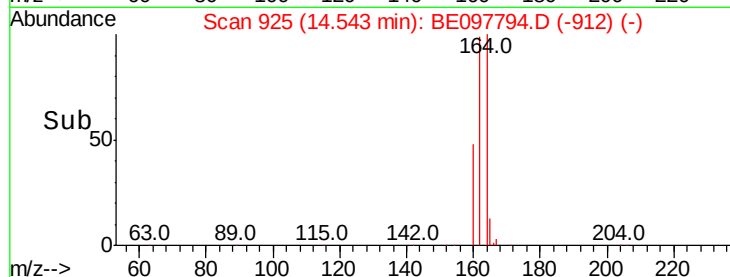
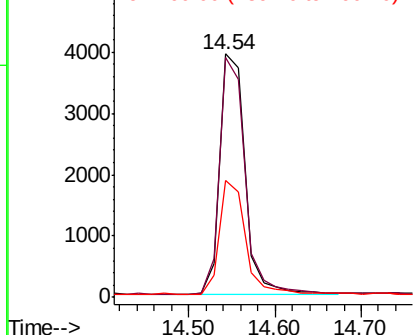
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.54 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BE097794.D
 Acq: 8 Oct 2018 14:59

Instrument :
 BNA_E
 ClientSampleId :
 PB113550BL

Tot Ion:164 Resp: 8000
 Ion Ratio Lower Upper
 164 100
 162 98.7 78.6 117.8
 160 48.3 37.8 56.6

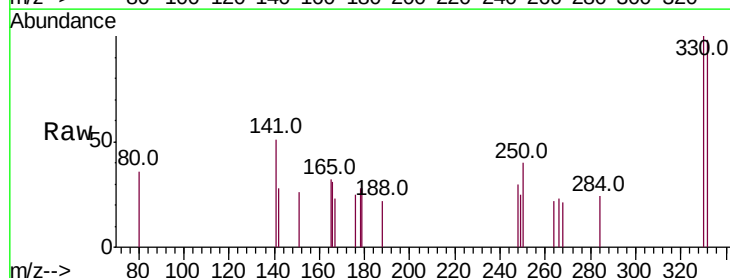


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

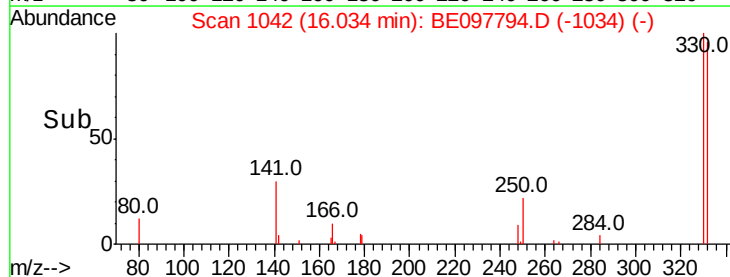
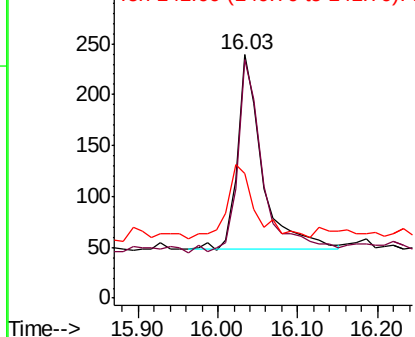


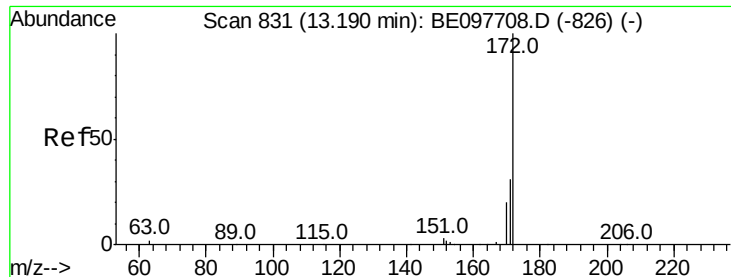
#14
 2,4,6-Tribromophenol
 Concen: 0.287 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BE097794.D
 Acq: 8 Oct 2018 14:59

Tgt Ion:330 Resp: 416
 Ion Ratio Lower Upper
 330 100
 332 101.4 83.5 125.3
 141 42.3 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

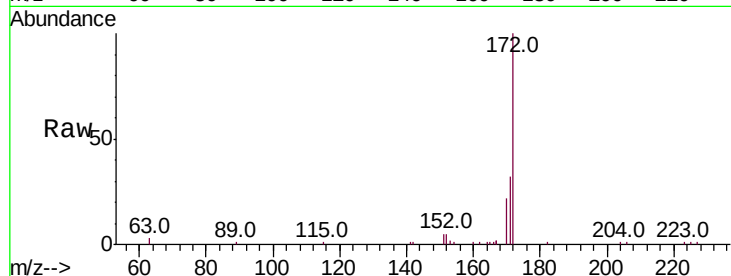




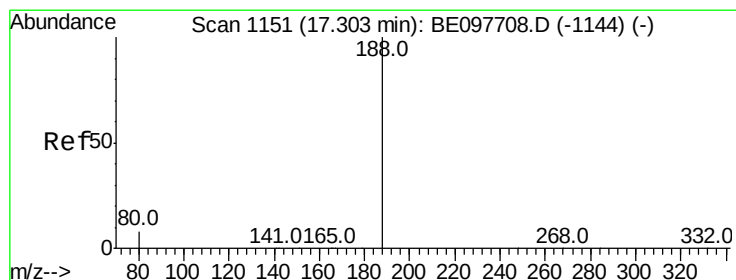
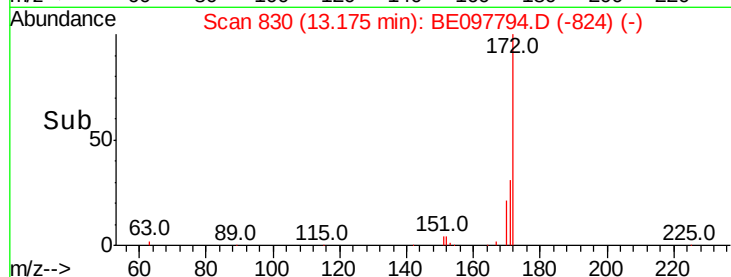
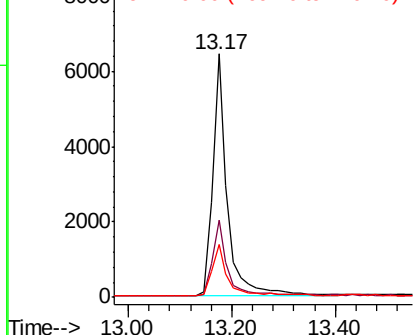
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097794.D
Acq: 8 Oct 2018 14:59

Instrument :
BNA_E
ClientSampleId :
PB113550BL

Tot Ion:172 Resp: 12552
Ion Ratio Lower Upper
172 100
171 31.8 25.2 37.8
170 21.9 16.2 24.2

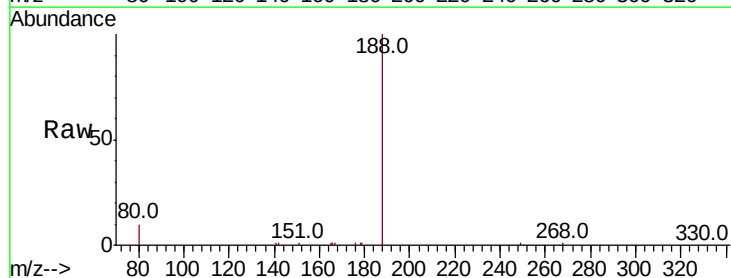


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

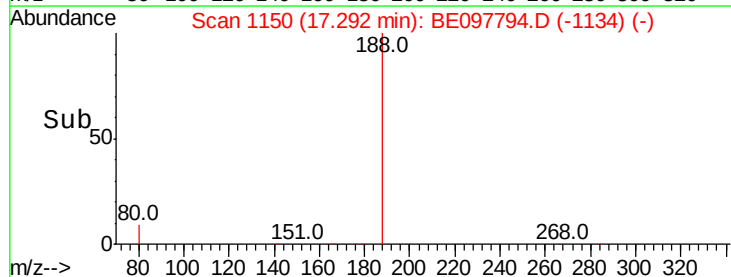
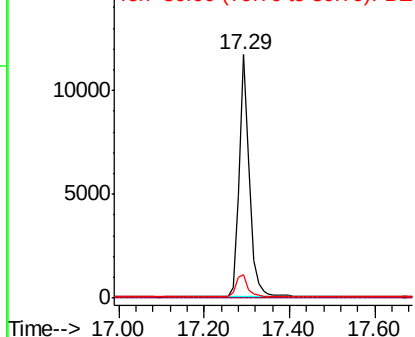


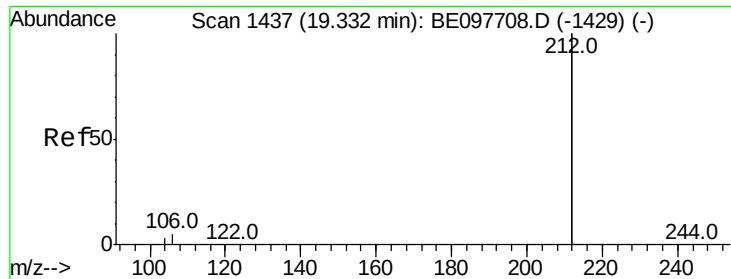
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.29 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BE097794.D
Acq: 8 Oct 2018 14:59

Tgt Ion:188 Resp: 18952
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 6.6 9.8



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





#25

Fluoranthene-d10

Concen: 0.304 ng

RT: 19.33 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BE097794.D

Acq: 8 Oct 2018 14:59

Instrument :

BNA_E

ClientSampleId :

PB113550BL

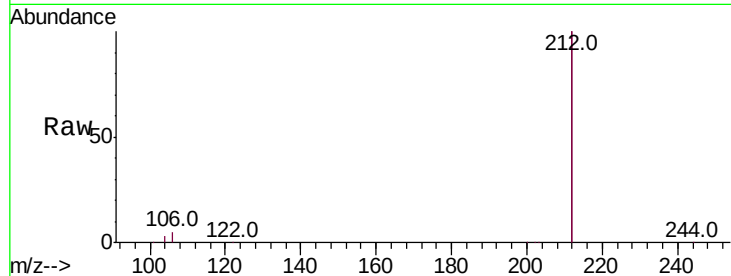
Tot Ion:212 Resp: 72975

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

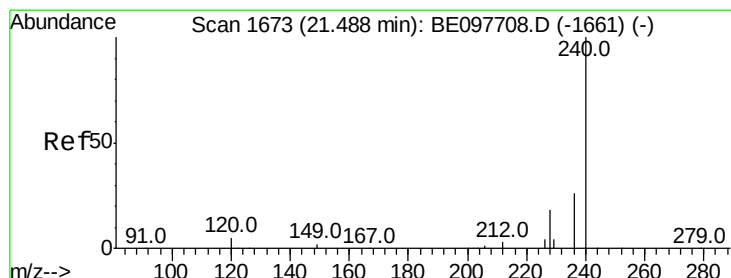
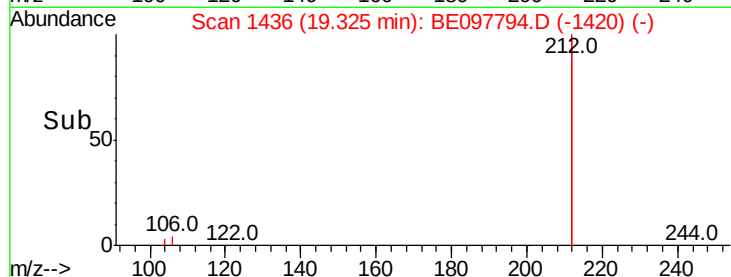
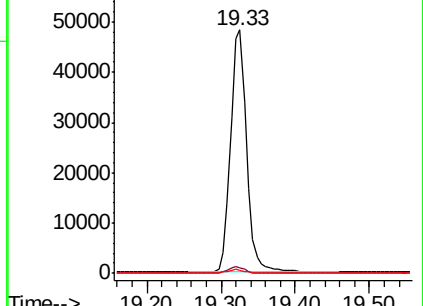
104 1.5 1.2 1.8



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: BE097794.D

Acq: 8 Oct 2018 14:59

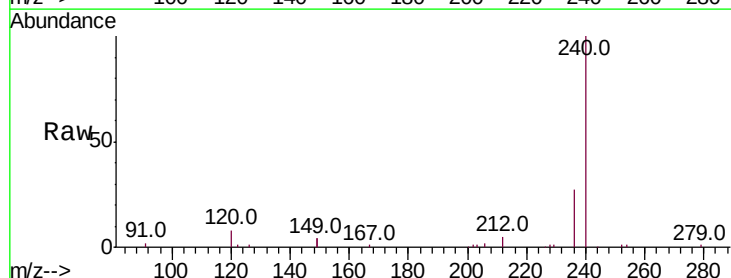
Tgt Ion:240 Resp: 20653

Ion Ratio Lower Upper

240 100

120 7.7 4.7 7.1#

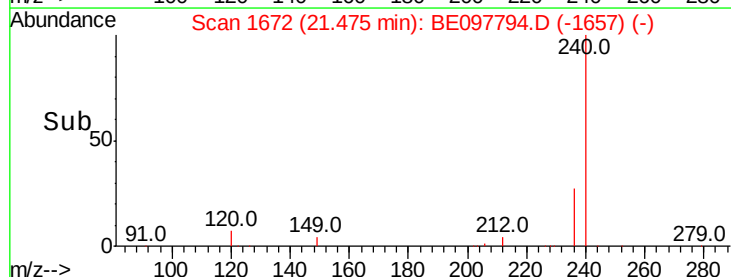
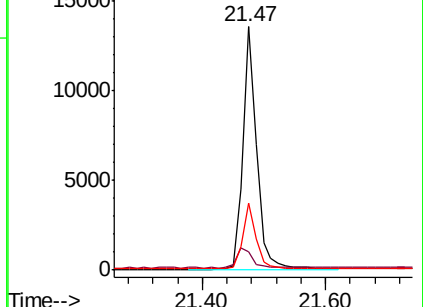
236 27.4 20.8 31.2

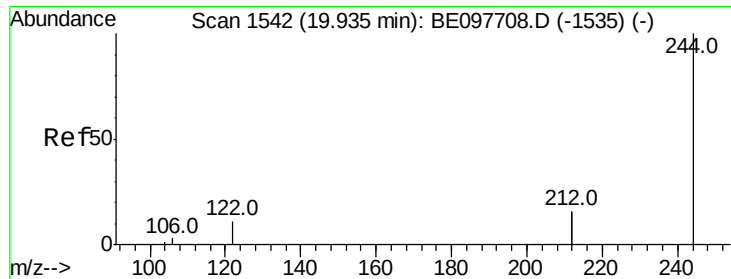


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.309 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097794.D

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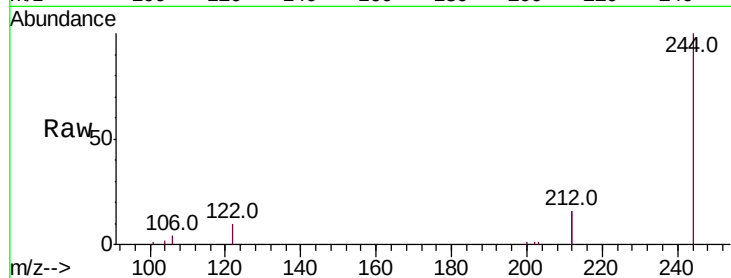
Tot Ion:244 Resp: 13047

Ion Ratio Lower Upper

244 100

212 32.9 25.8 38.8

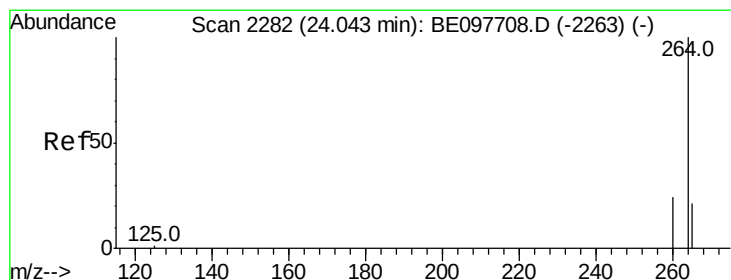
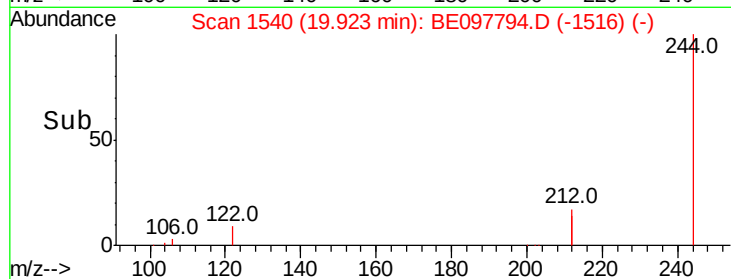
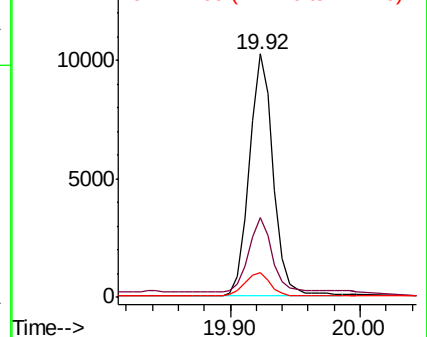
122 10.0 8.7 13.1



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: BE097794.D

Acq: 8 Oct 2018 14:59

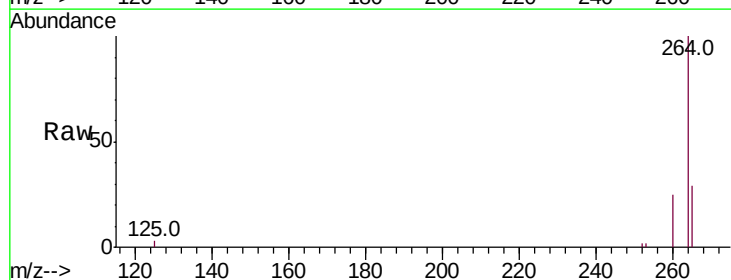
Tgt Ion:264 Resp: 23078

Ion Ratio Lower Upper

264 100

260 24.9 19.1 28.7

265 28.7 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

