

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
 Data File : BE097729.D
 Acq On : 4 Oct 2018 17:22
 Operator : SJ/JU
 Sample : J4870-08DL 100X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Oct 05 06:51:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

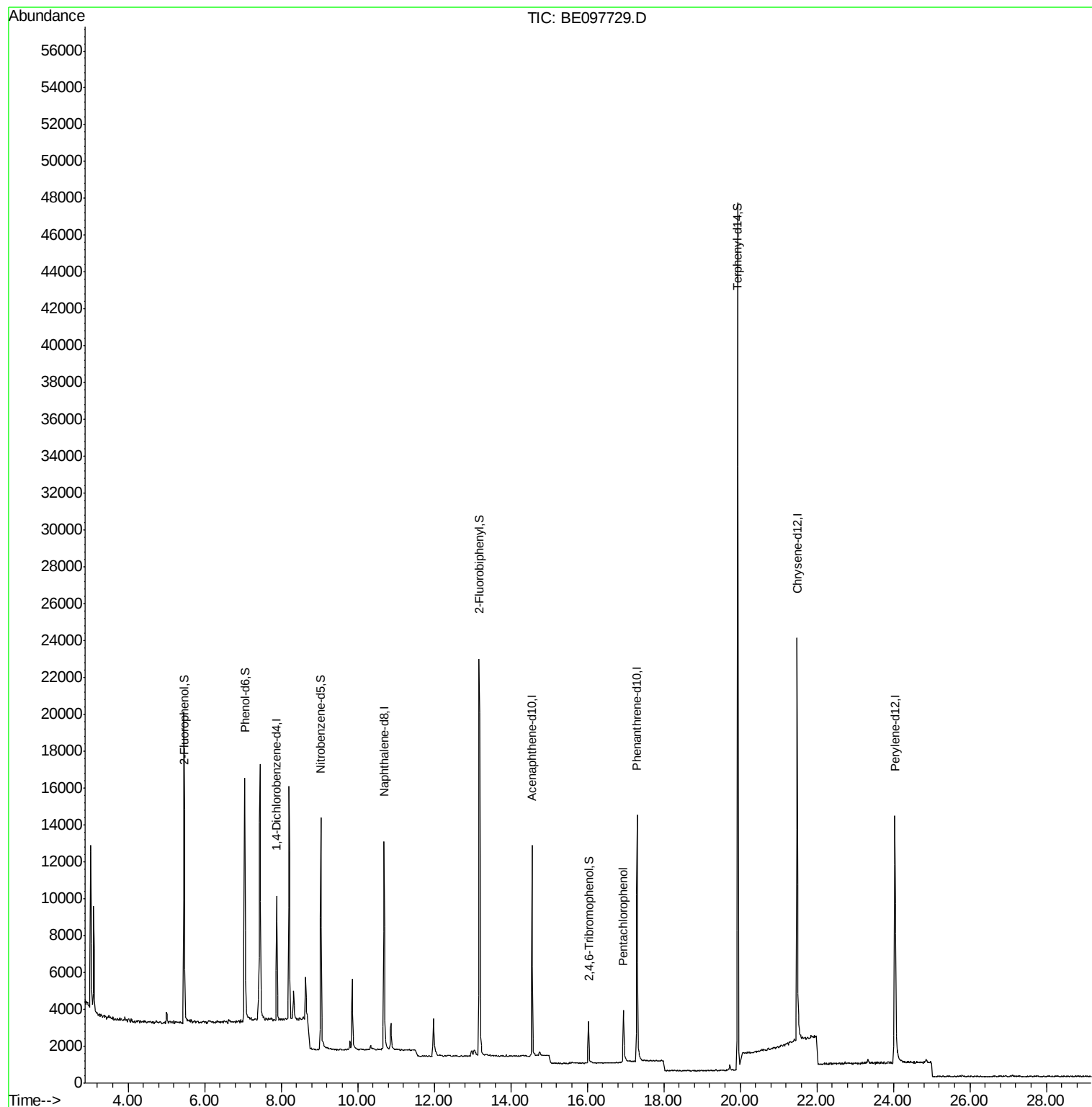
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3298	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	12721	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	6908	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	20127	0.40	ng	0.00
27) Chrysene-d12	21.49	240	24386	0.40	ng	0.00
34) Perylene-d12	24.04	264	21712	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	8582	1.10	ng	0.00
5) Phenol-d6	7.05	99	13420	1.12	ng	0.00
8) Nitrobenzene-d5	9.04	82	4744	1.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	39	0.00	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	1545	1.23	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	24869	0.82	ng	-0.02
25) Fluoranthene-d10	19.34	212	96	0.00	ng	0.00
29) Terphenyl-d14	19.94	244	42355	0.85	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.94	266	1785	0.958	ng	92

(#) = 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: BE097729.D

Acq: 4 Oct 2018 17:22

Instrument :

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ClientSampleId :

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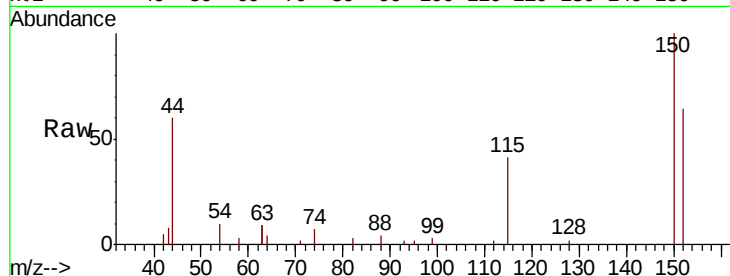
Tgt Ion:152 Resp: 3298

Ion Ratio Lower Upper

152 100

150 155.9 120.9 181.3

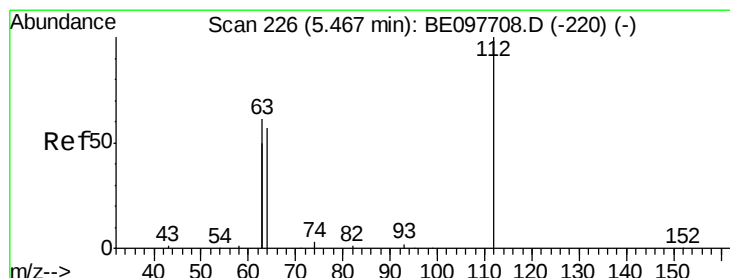
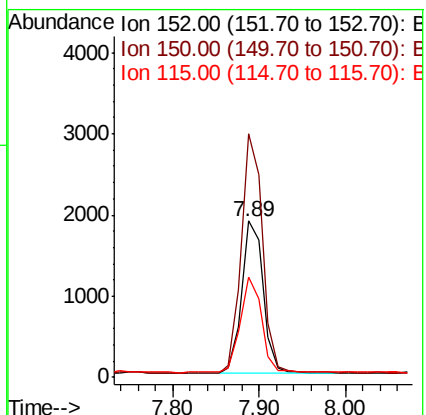
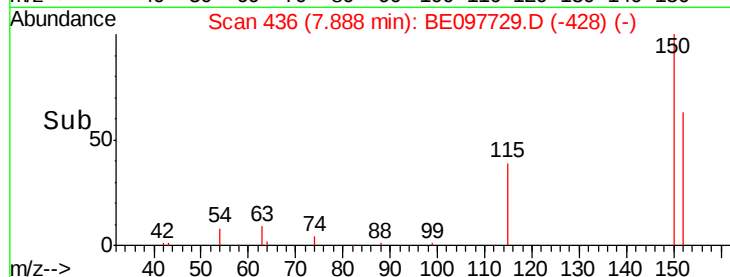
115 64.0 46.6 69.8



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: 1.100 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE097729.D

Acq: 4 Oct 2018 17:22

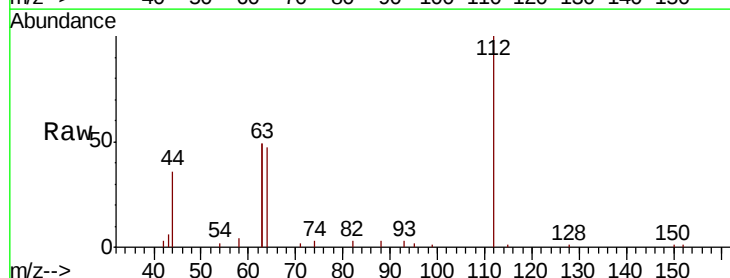
Tgt Ion:112 Resp: 8582

Ion Ratio Lower Upper

112 100

64 71.4 56.6 84.8

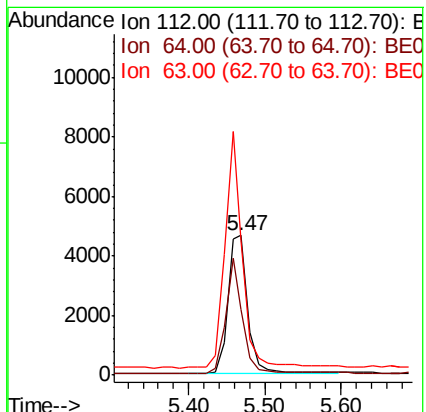
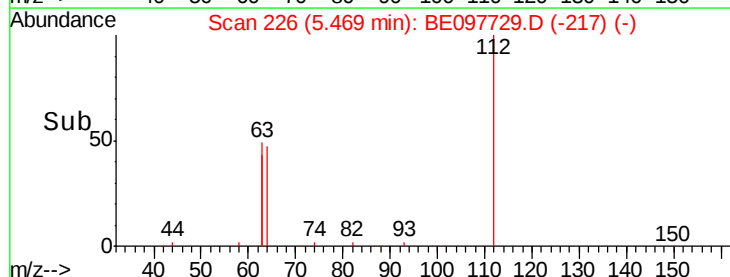
63 149.1 119.4 179.0

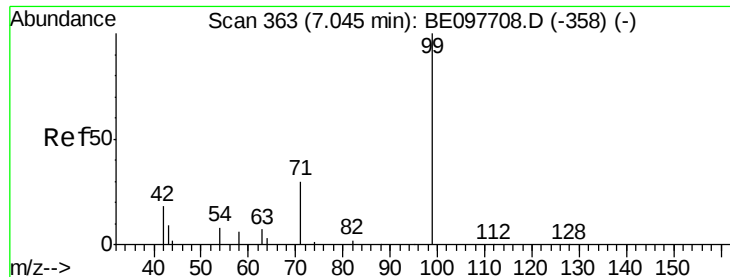


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.122 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097729.D

Acq: 4 Oct 2018 17:22

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

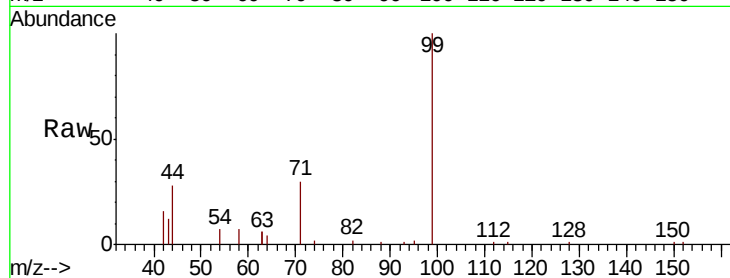
Tgt Ion: 99 Resp: 13420

Ion Ratio Lower Upper

99 100

42 25.2 19.9 29.9

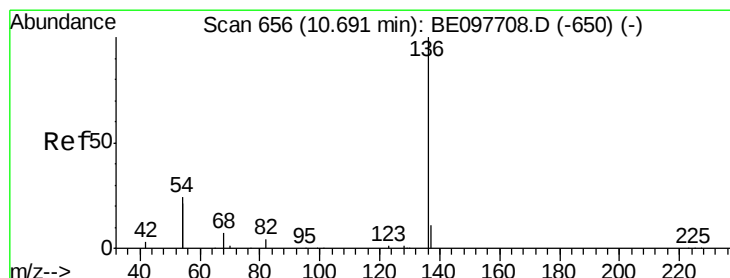
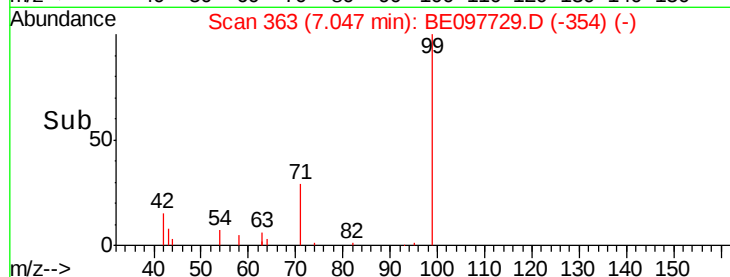
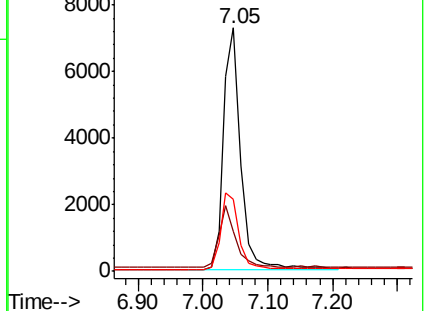
71 33.5 25.4 38.2



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: BE097729.D

Acq: 4 Oct 2018 17:22

Tgt Ion: 136 Resp: 12721

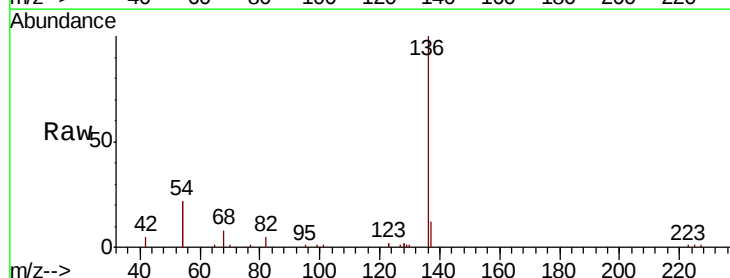
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 43.8 37.8 56.6

68 8.4 6.4 9.6

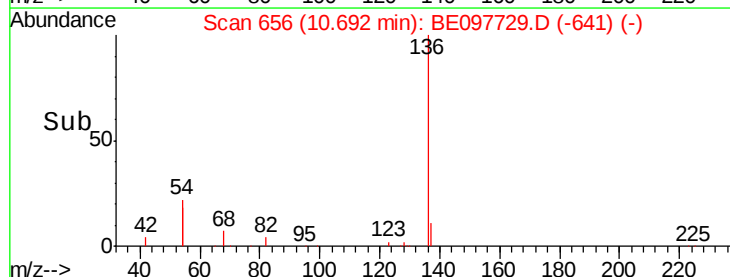
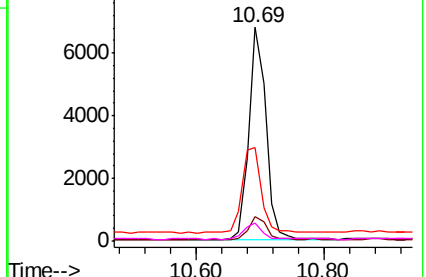


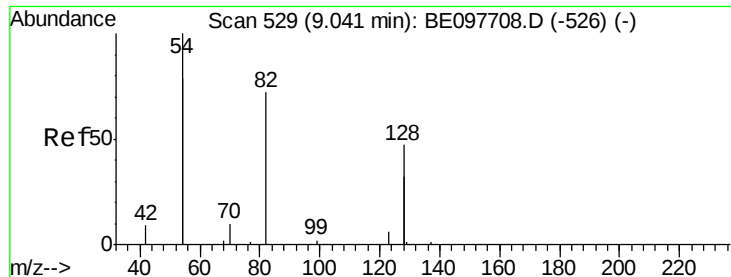
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.149 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097729.D

Acq: 4 Oct 2018 17:22

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

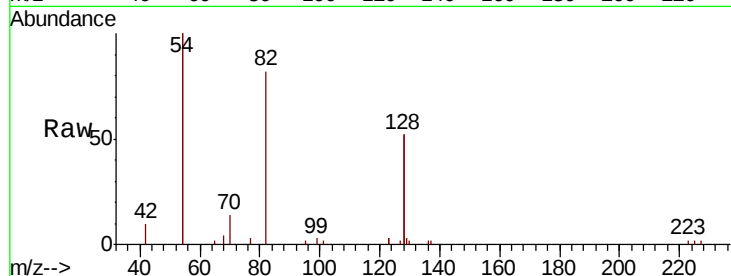
Tgt Ion: 82 Resp: 4744

Ion Ratio Lower Upper

82 100

128 126.6 97.0 145.4

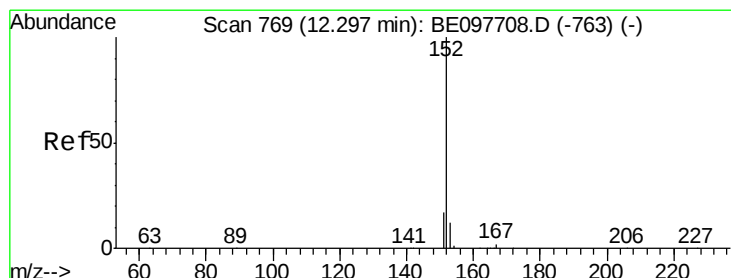
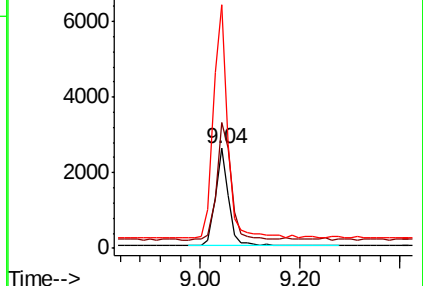
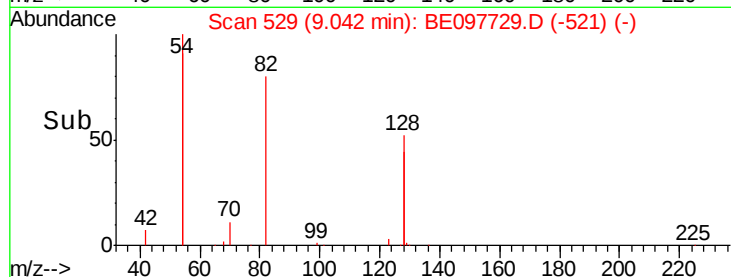
54 244.3 206.9 310.3



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: 0.002 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.01 min

Lab File: BE097729.D

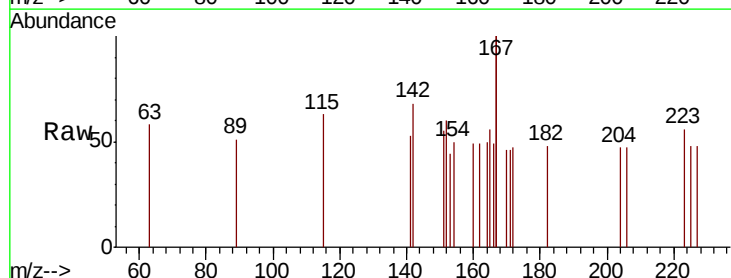
Acq: 4 Oct 2018 17:22

Tgt Ion: 152 Resp: 39

Ion Ratio Lower Upper

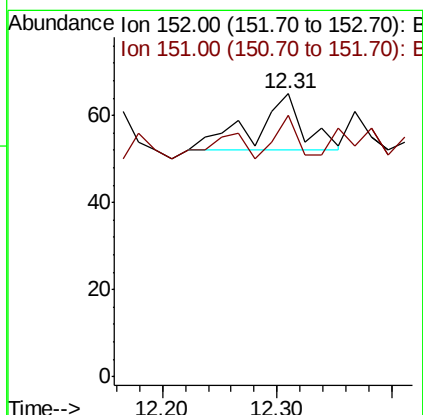
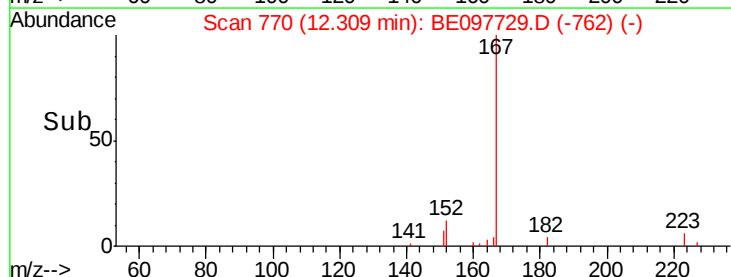
152 100

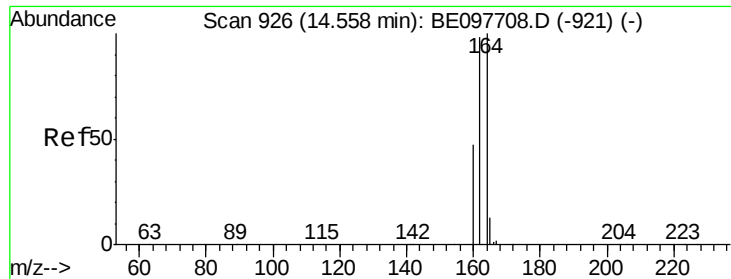
151 35.9 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

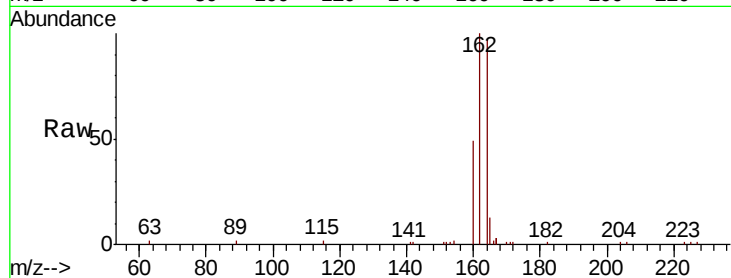




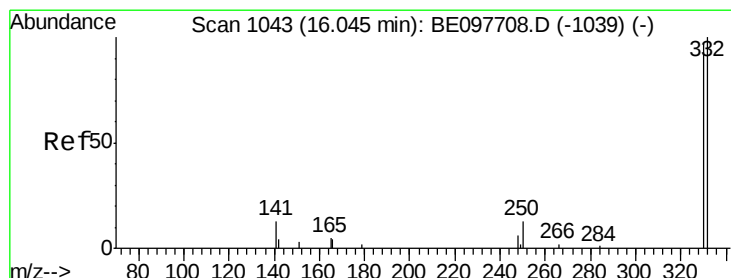
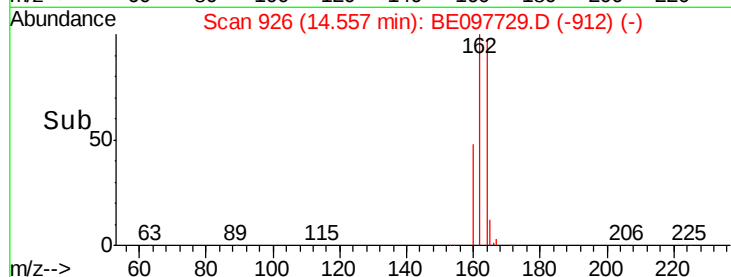
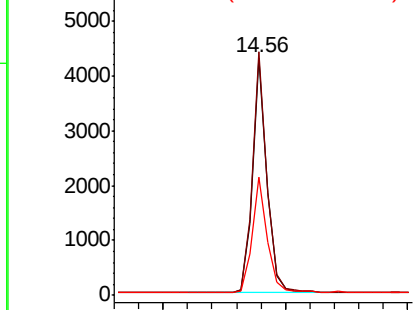
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097729.D
Acq: 4 Oct 2018 17:22

Instrument :
BNA_E
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:164 Resp: 6908
Ion Ratio Lower Upper
164 100
162 102.6 78.6 117.8
160 49.9 37.8 56.6

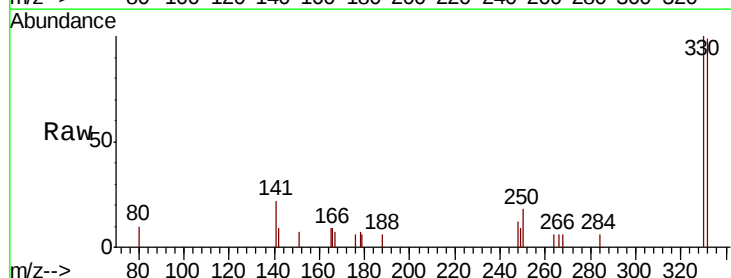


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

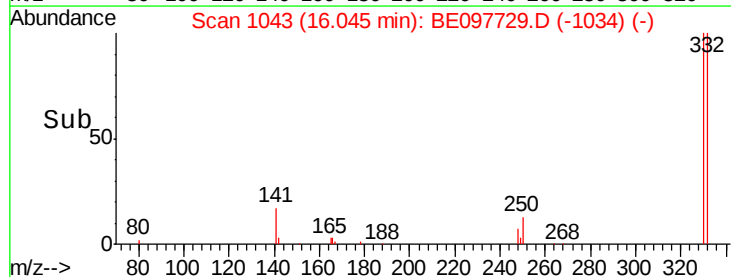
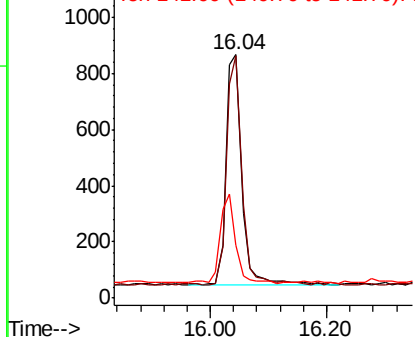


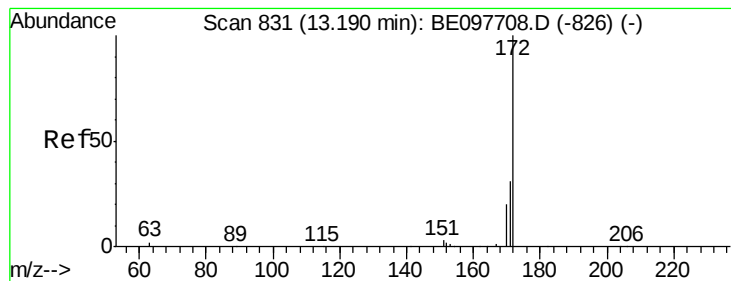
#14
2,4,6-Tribromophenol
Concen: 1.234 ng
RT: 16.04 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BE097729.D
Acq: 4 Oct 2018 17:22

Tgt Ion:330 Resp: 1545
Ion Ratio Lower Upper
330 100
332 97.5 83.5 125.3
141 37.8 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: 0.818 ng

RT: 13.17 min Scan# 830

Delta R.T. -0.02 min

Lab File: BE097729.D

Acq: 4 Oct 2018 17:22

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

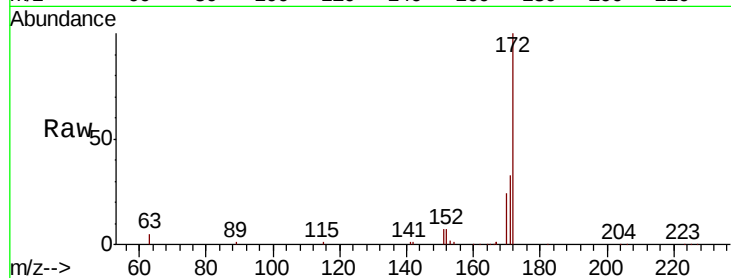
Tgt Ion:172 Resp: 24869

Ion Ratio Lower Upper

172 100

171 33.1 25.2 37.8

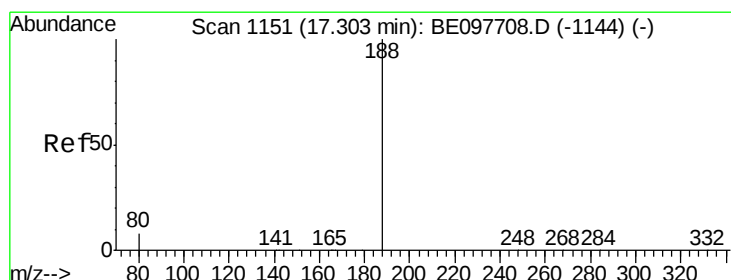
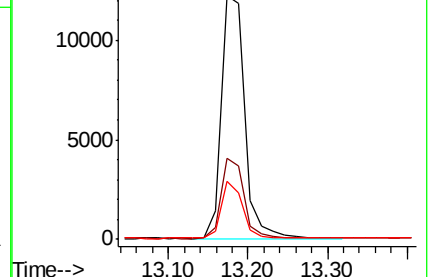
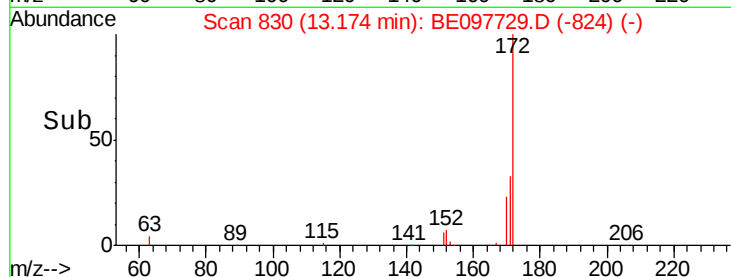
170 23.7 16.2 24.2



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: 17.30 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE097729.D

Acq: 4 Oct 2018 17:22

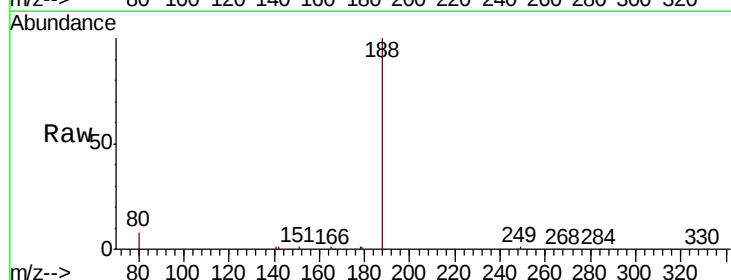
Tgt Ion:188 Resp: 20127

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

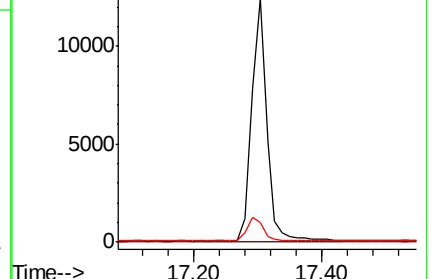
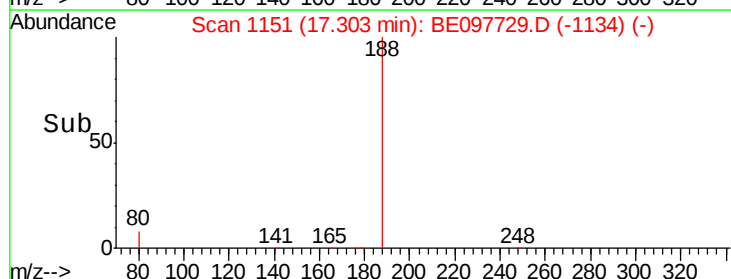
80 8.3 6.6 9.8

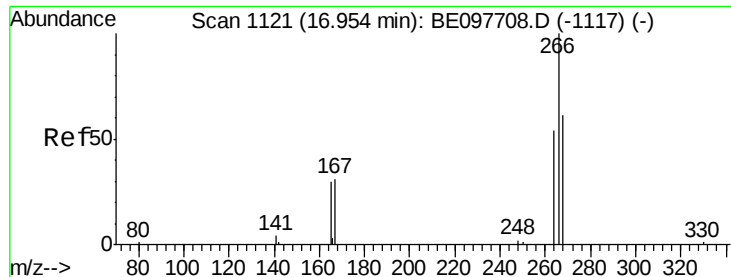


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#22

Pentachlorophenol

Concen: 0.958 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097729.D

Acq: 4 Oct 2018 17:22

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

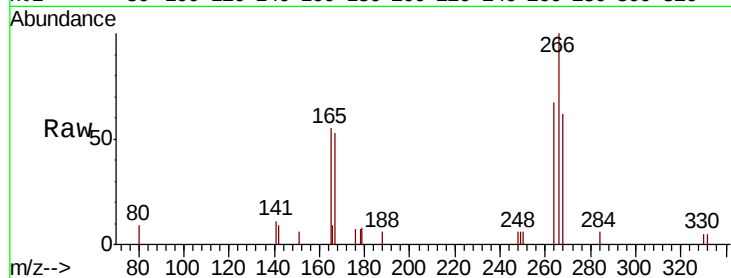
Tgt Ion:266 Resp: 1785

Ion Ratio Lower Upper

266 100

264 67.3 46.8 70.2

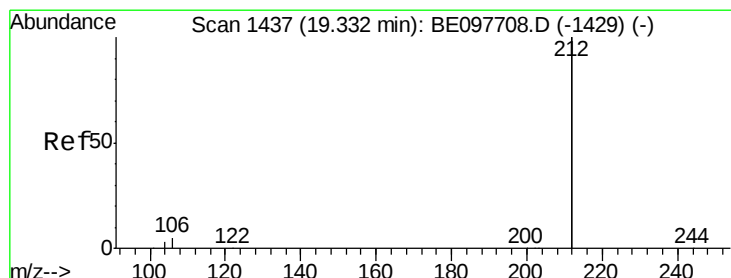
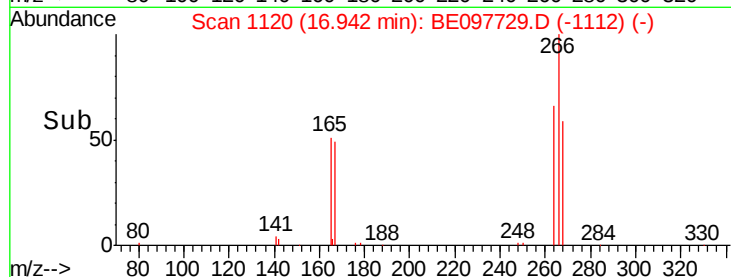
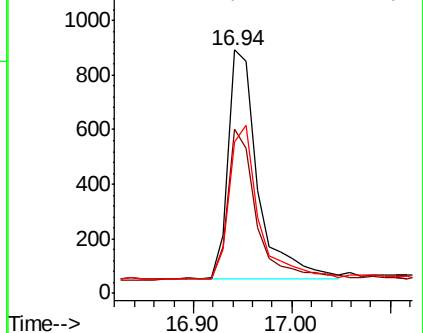
268 61.9 53.0 79.6



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: 0.000 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE097729.D

Acq: 4 Oct 2018 17:22

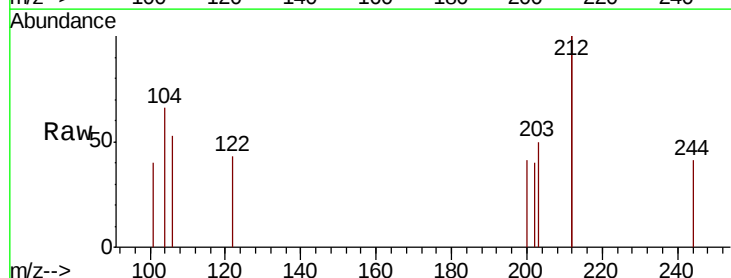
Tgt Ion:212 Resp: 96

Ion Ratio Lower Upper

212 100

106 13.5 2.2 3.2#

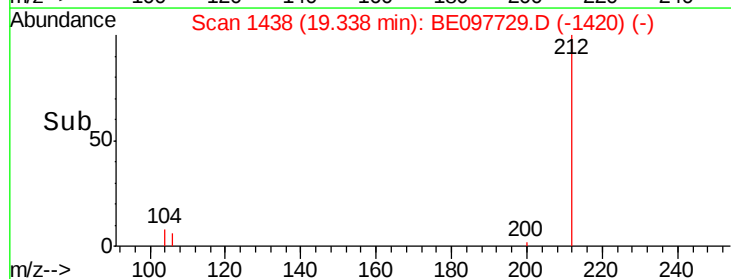
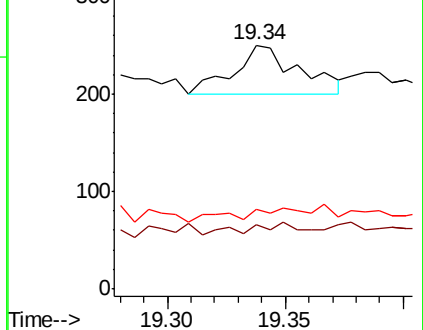
104 16.7 1.2 1.8#

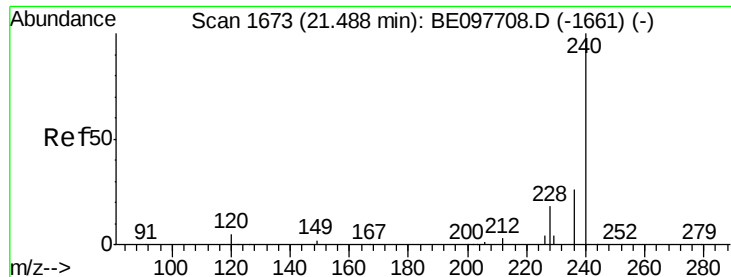


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.49 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BE097729.D

Acq: 4 Oct 2018 17:22

Instrument :

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PT-ACIDS-WPDL

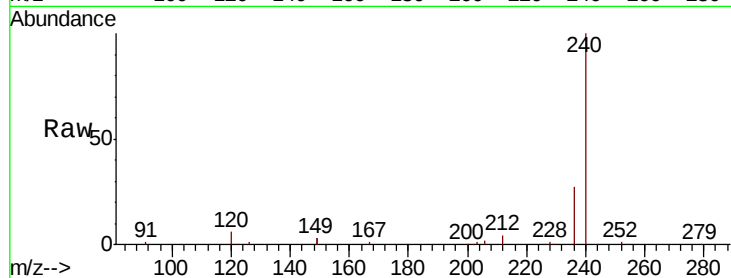
Tgt Ion:240 Resp: 24386

Ion Ratio Lower Upper

240 100

120 6.1 4.7 7.1

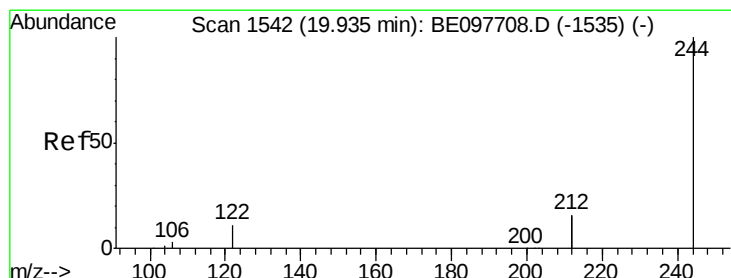
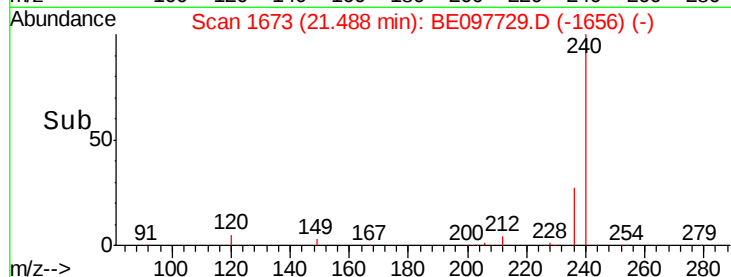
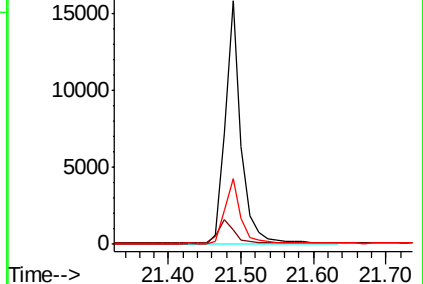
236 26.9 20.8 31.2



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: 0.851 ng

RT: 19.94 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE097729.D

Acq: 4 Oct 2018 17:22

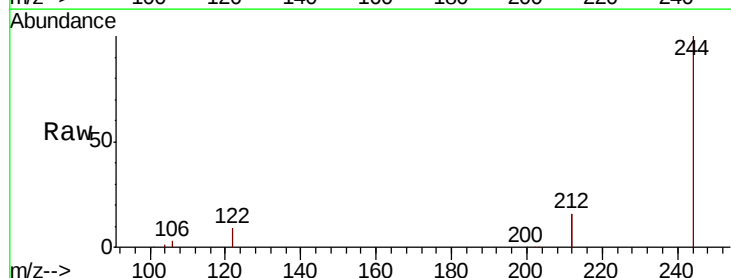
Tgt Ion:244 Resp: 42355

Ion Ratio Lower Upper

244 100

212 31.5 25.8 38.8

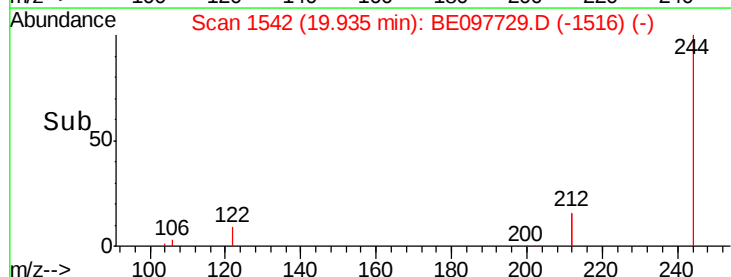
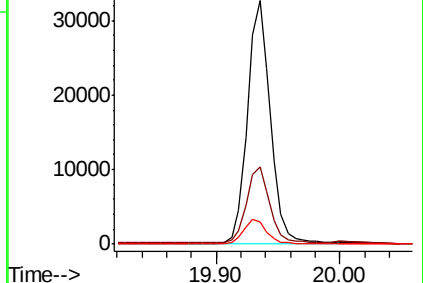
122 9.1 8.7 13.1

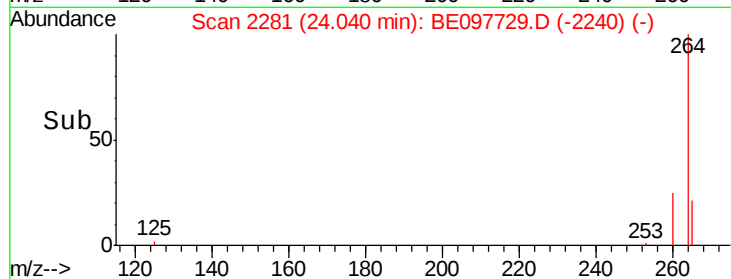
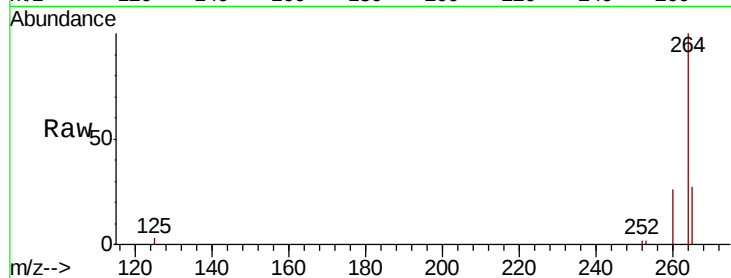
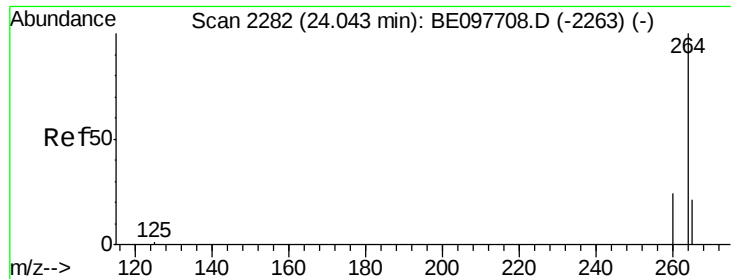


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.04 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE097729.D

Acq: 4 Oct 2018 17:22

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

Tgt Ion: 264 Resp: 21712

Ion Ratio Lower Upper

264 100

260 25.6 19.1 28.7

265 27.2 21.9 32.9

