

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100318\
 Data File : BE097717.D
 Acq On : 3 Oct 2018 18:40
 Operator : SJ/JU
 Sample : J4870-08DL 100X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Oct 04 04:47:00 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

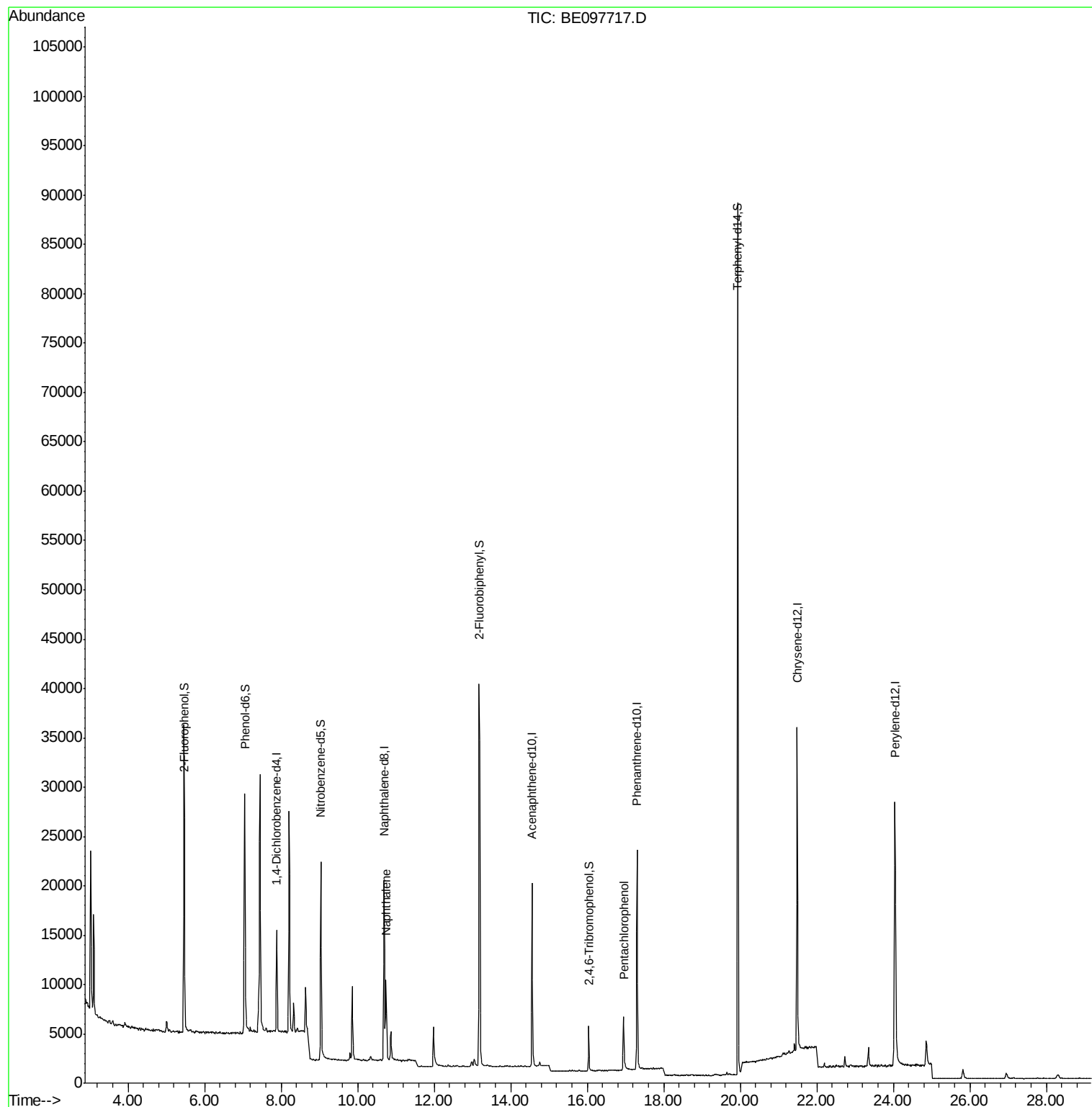
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4799	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	20148	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	11397	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	31502	0.40	ng	0.00
27) Chrysene-d12	21.49	240	36274	0.40	ng	0.00
34) Perylene-d12	24.04	264	41058	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	16204	1.43	ng	0.00
5) Phenol-d6	7.05	99	24961	1.43	ng	0.00
8) Nitrobenzene-d5	9.04	82	7288	1.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.32	152	22	0.00	ng	0.03
14) 2,4,6-Tribromophenol	16.04	330	3046	1.47	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	43388	0.86	ng	-0.02
25) Fluoranthene-d10	19.34	212	216	0.00	ng	0.00
29) Terphenyl-d14	19.93	244	77576	1.05	ng	0.00
Target Compounds						
9) Naphthalene	10.74	128	13236	0.065	ng	Qvalue # 97
22) Pentachlorophenol	16.95	266	3507	1.202	ng	96

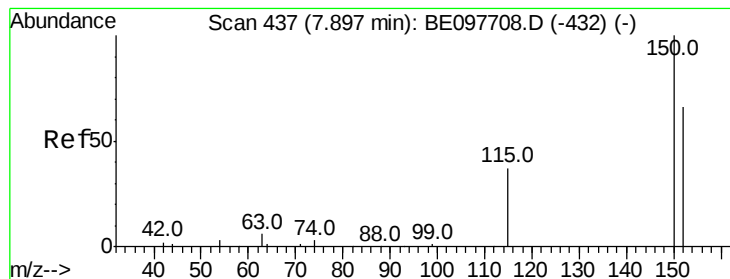
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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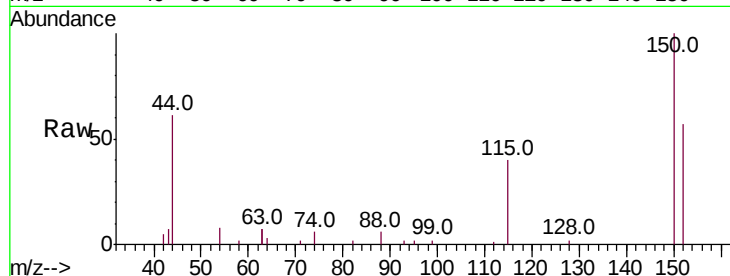




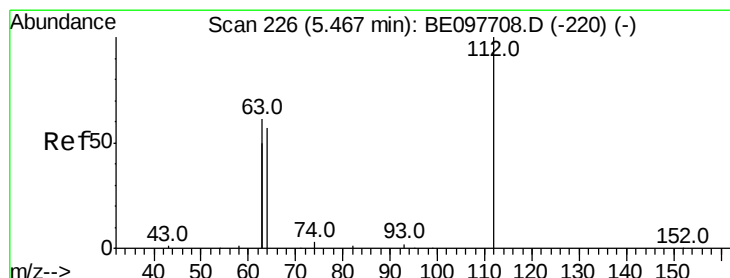
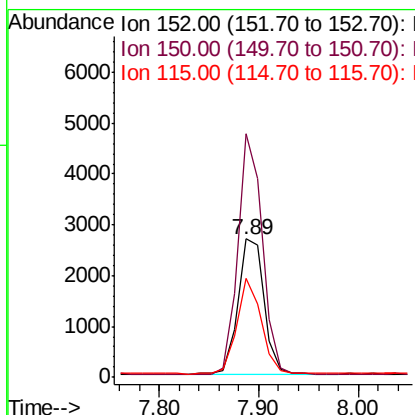
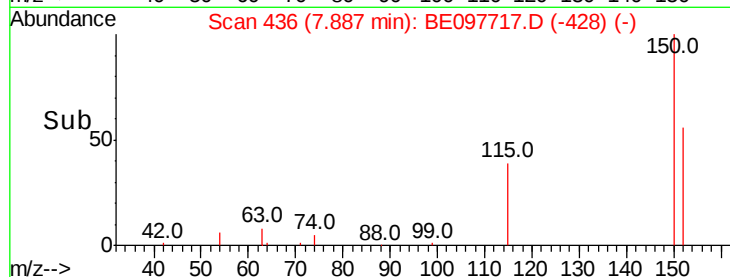
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.89 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BE097717.D
 Acq: 3 Oct 2018 18:40

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion:152 Resp: 4799
 Ion Ratio Lower Upper
 152 100
 150 176.0 120.9 181.3
 115 71.2 46.6 69.8#

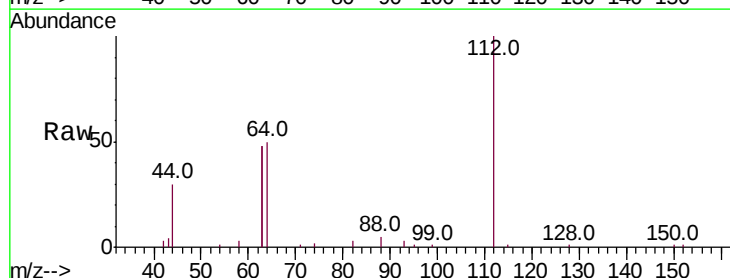


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

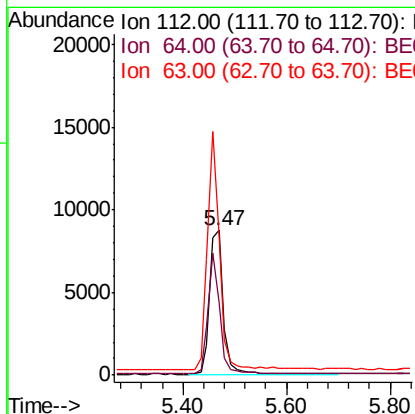
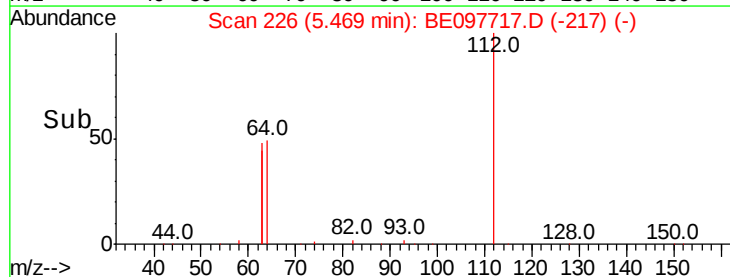


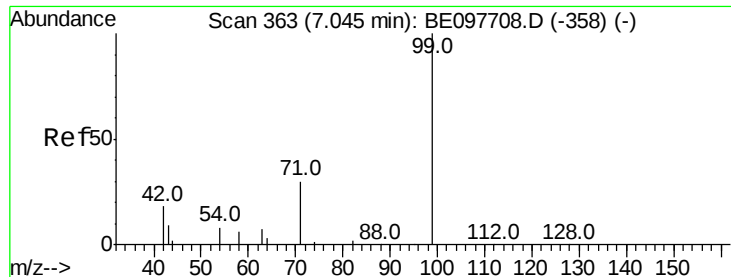
#4
 2-Fluorophenol
 Concen: 1.427 ng
 RT: 5.47 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BE097717.D
 Acq: 3 Oct 2018 18:40

Tgt Ion:112 Resp: 16204
 Ion Ratio Lower Upper
 112 100
 64 71.2 56.6 84.8
 63 139.1 119.4 179.0



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: 1.434 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE097717.D

Acq: 3 Oct 2018 18:40

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

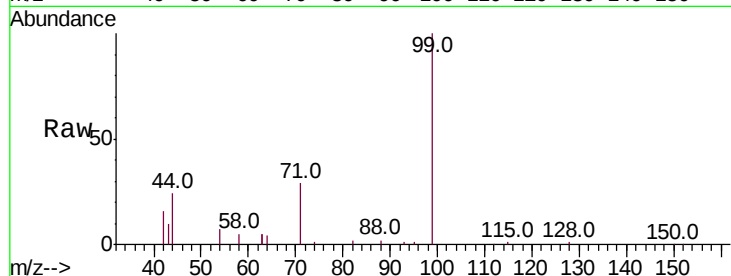
Tot Ion: 99 Resp: 24961

Ion Ratio Lower Upper

99 100

42 26.7 19.9 29.9

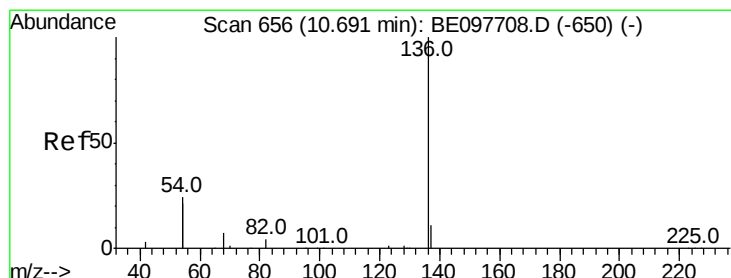
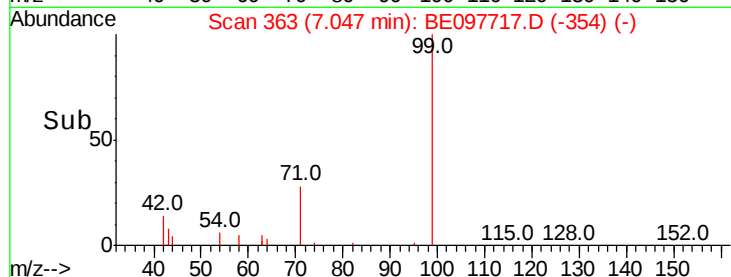
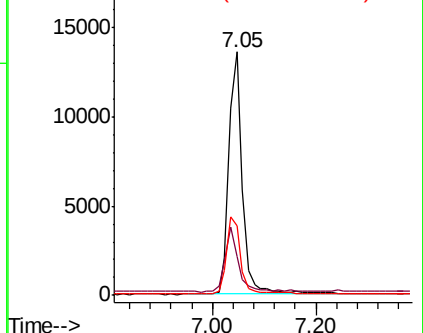
71 32.3 25.4 38.2



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: BE097717.D

Acq: 3 Oct 2018 18:40

Tgt Ion: 136 Resp: 20148

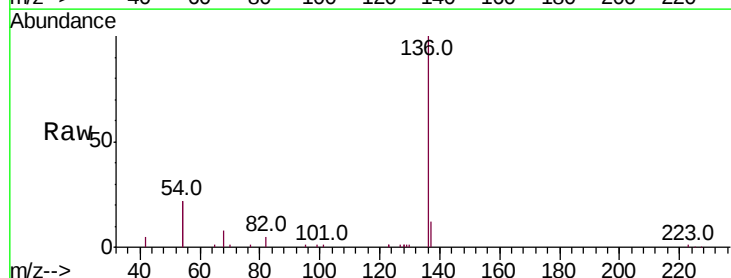
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 44.1 37.8 56.6

68 8.3 6.4 9.6

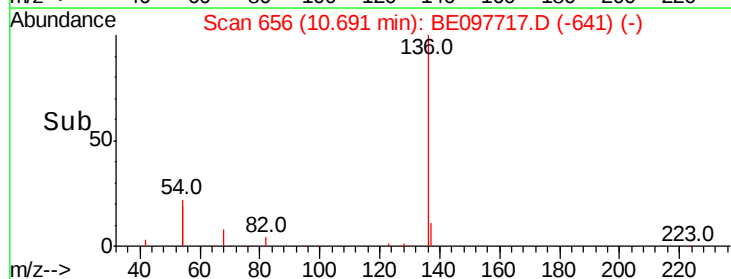
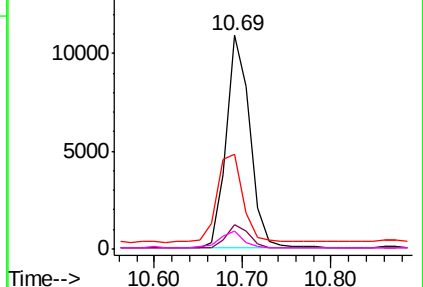


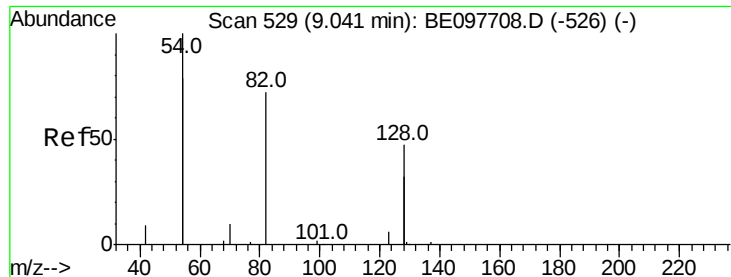
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.114 ng

RT: 9.04 min Scan# 529

Delta R.T. -0.00 min

Lab File: BE097717.D

Acq: 3 Oct 2018 18:40

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

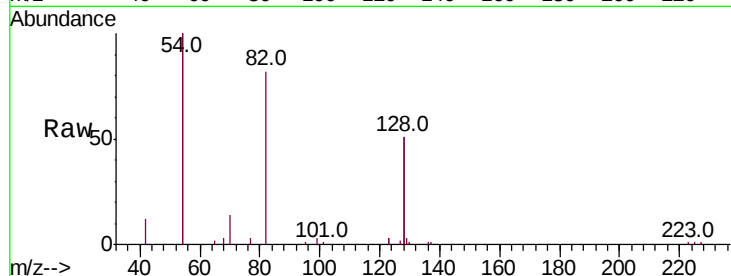
Tot Ion: 82 Resp: 7288

Ion Ratio Lower Upper

82 100

128 124.1 97.0 145.4

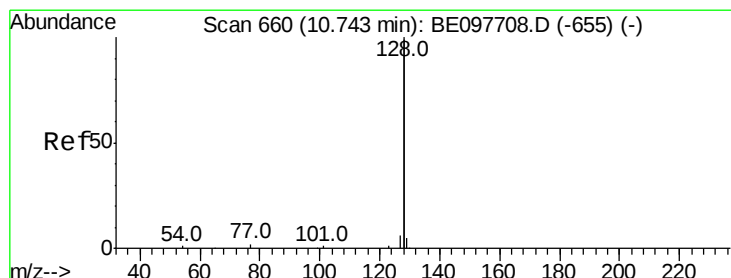
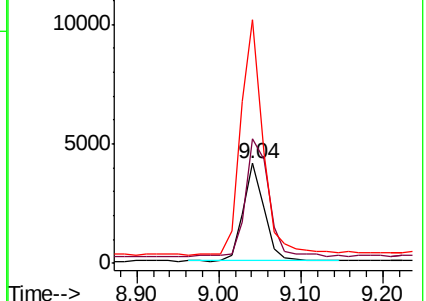
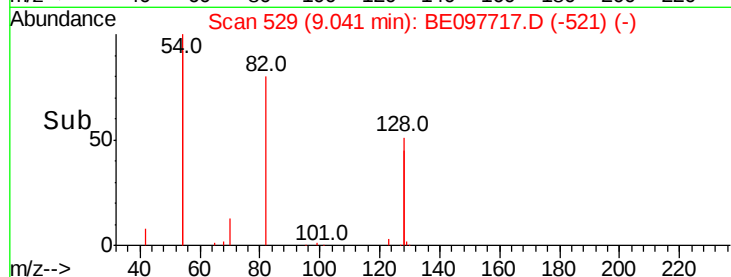
54 243.2 206.9 310.3



Abundance Ion 82.00 (81.70 to 82.70): BE097717.D (-521) (-)

Ion 128.00 (127.70 to 128.70): BE097717.D (-521) (-)

Ion 54.00 (53.70 to 54.70): BE097717.D (-521) (-)



#9

Naphthalene

Concen: 0.065 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.00 min

Lab File: BE097717.D

Acq: 3 Oct 2018 18:40

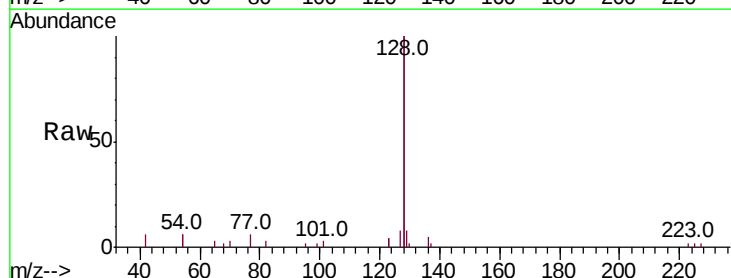
Tgt Ion: 128 Resp: 13236

Ion Ratio Lower Upper

128 100

129 3.9 2.2 3.2#

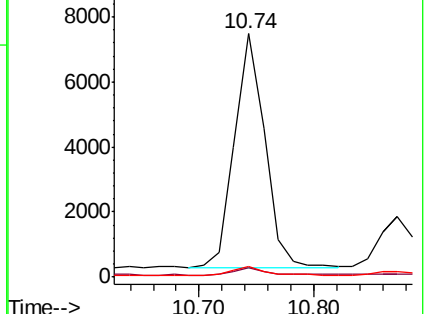
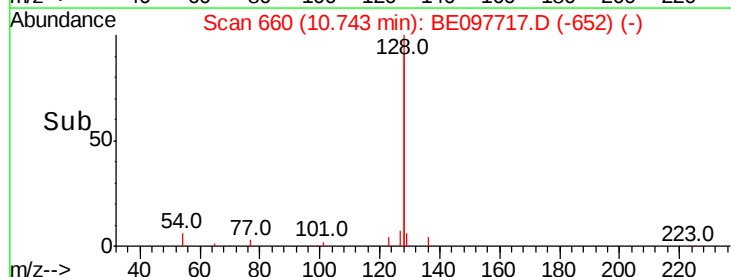
127 4.1 2.7 4.1#

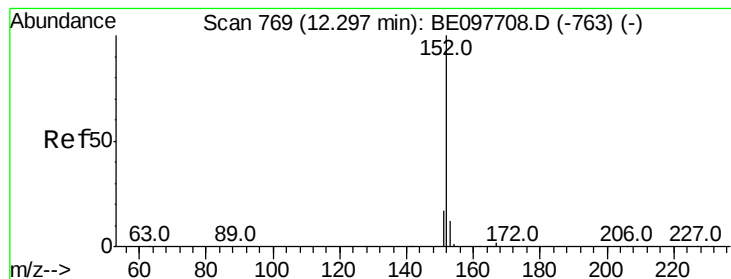


Abundance Ion 128.00 (127.70 to 128.70): BE097717.D (-652) (-)

Ion 129.00 (128.70 to 129.70): BE097717.D (-652) (-)

Ion 127.00 (126.70 to 127.70): BE097717.D (-652) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.001 ng

RT: 12.32 min Scan# 771

Delta R.T. 0.03 min

Lab File: BE097717.D

Acq: 3 Oct 2018 18:40

Instrument :

BNA_E

ClientSampleId :

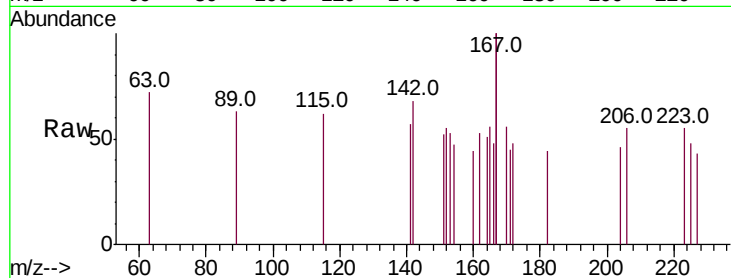
PT-ACIDS-WPDL

Tot Ion:152 Resp: 22

Ion Ratio Lower Upper

152 100

151 118.2 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.32

60

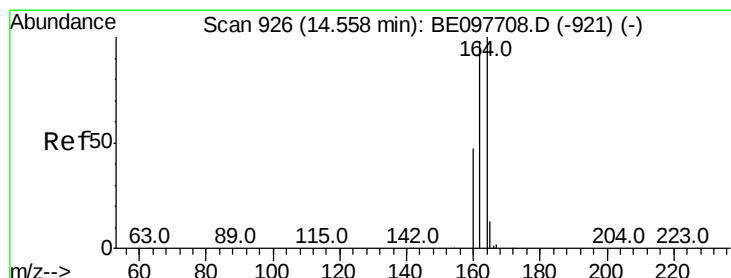
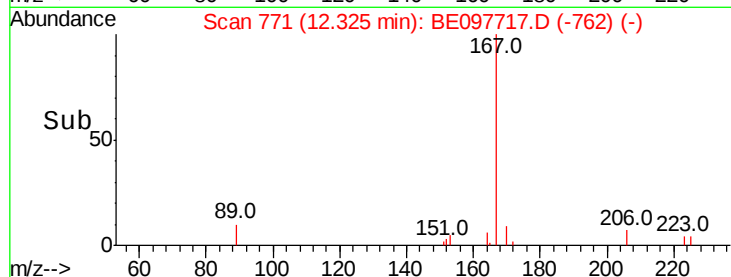
40

20

0

Time-->

12.30 12.35



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097717.D

Acq: 3 Oct 2018 18:40

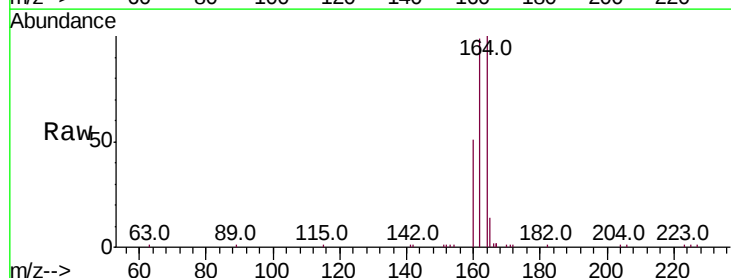
Tgt Ion:164 Resp: 11397

Ion Ratio Lower Upper

164 100

162 98.9 78.6 117.8

160 50.6 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

14.56

8000

6000

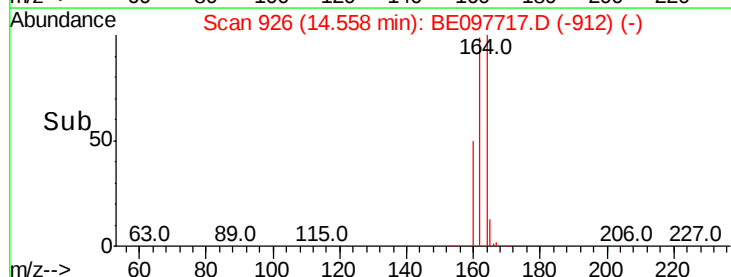
4000

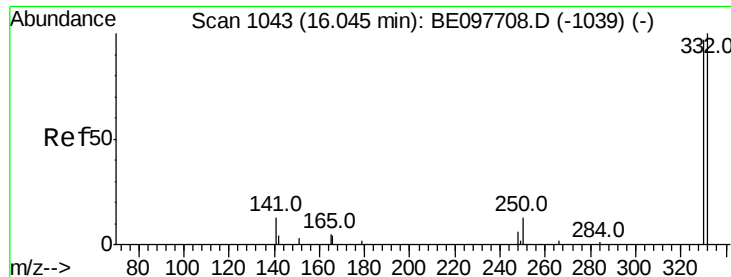
2000

0

Time-->

14.50 14.60 14.70

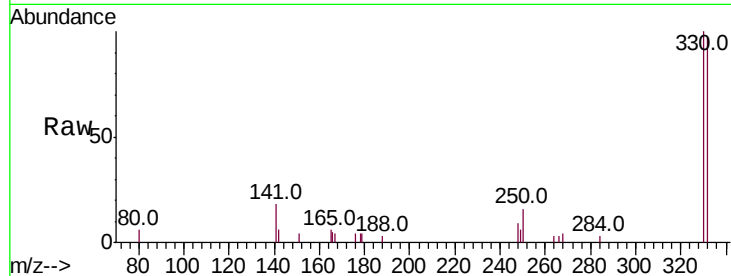




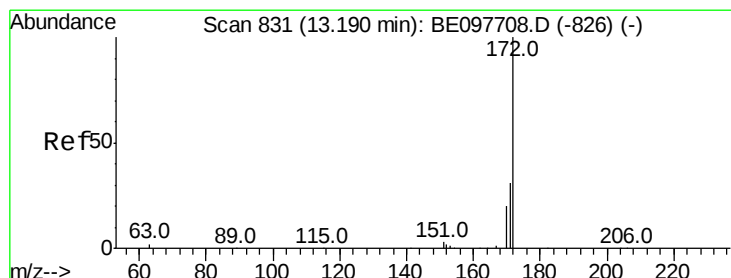
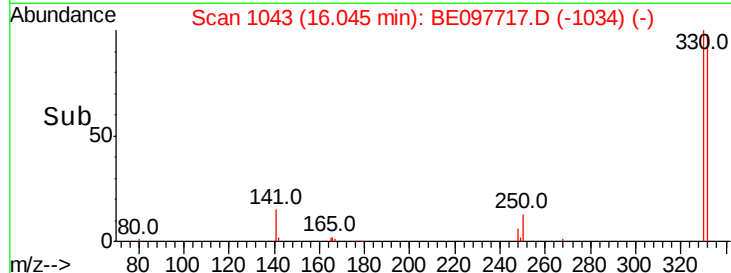
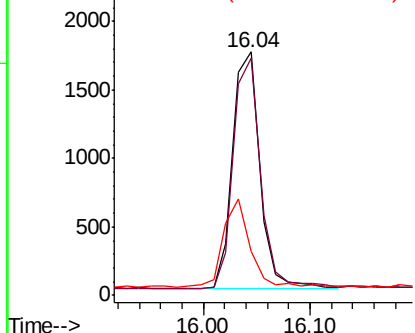
#14
 2,4,6-Tribromophenol
 Concen: 1.475 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097717.D
 Acq: 3 Oct 2018 18:40

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion:330 Resp: 3046
 Ion Ratio Lower Upper
 330 100
 332 98.1 83.5 125.3
 141 36.4 34.9 52.3

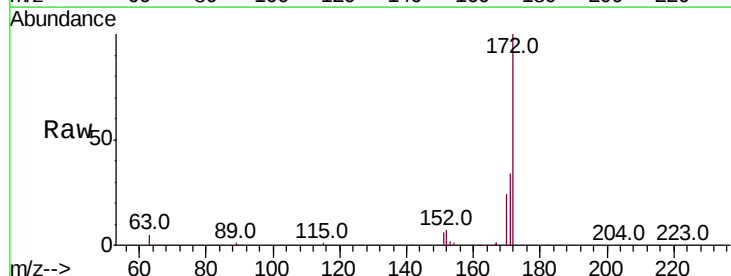


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

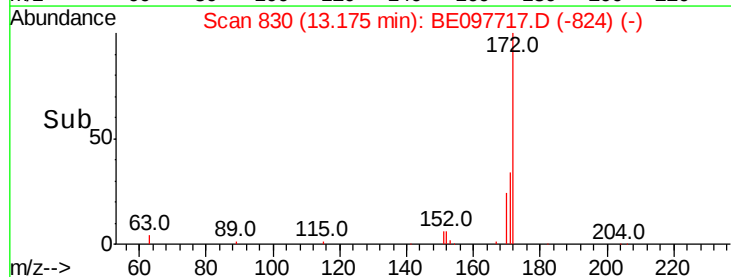
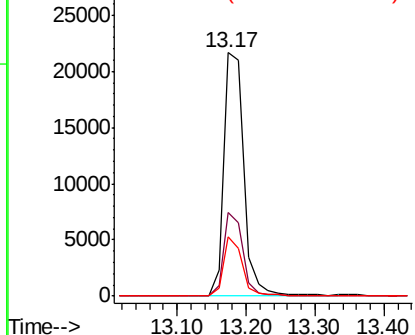


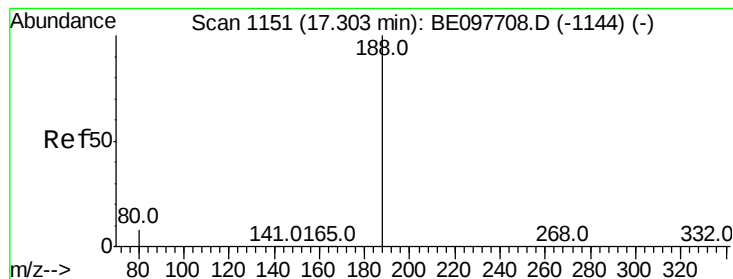
#15
 2-Fluorobiphenyl
 Concen: 0.865 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097717.D
 Acq: 3 Oct 2018 18:40

Tgt Ion:172 Resp: 43388
 Ion Ratio Lower Upper
 172 100
 171 34.4 25.2 37.8
 170 24.1 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: BE097717.D

Acq: 3 Oct 2018 18:40

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

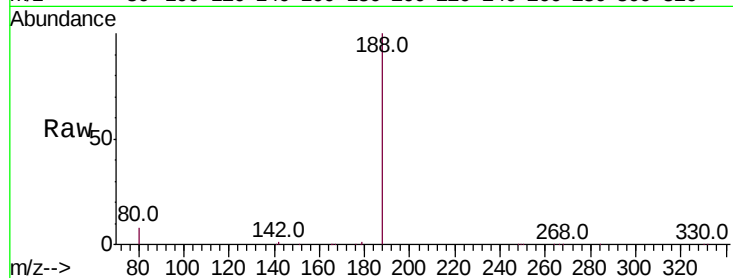
Tot Ion:188 Resp: 31502

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

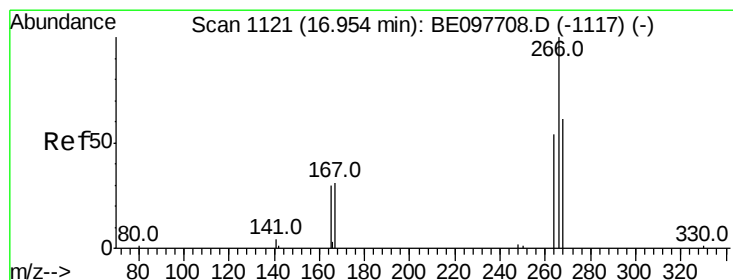
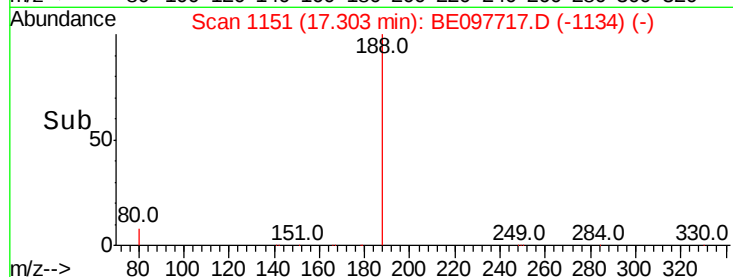
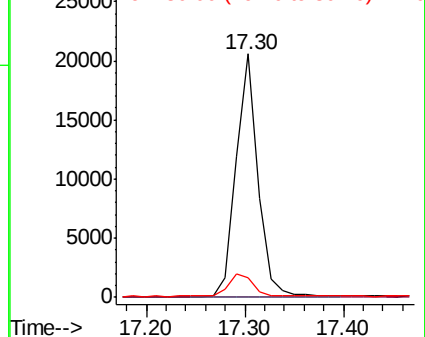
80 8.2 6.6 9.8



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: 1.202 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE097717.D

Acq: 3 Oct 2018 18:40

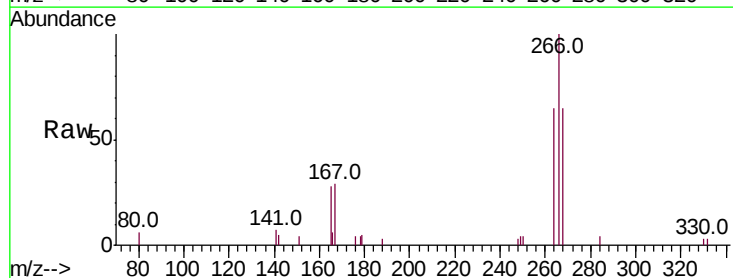
Tgt Ion:266 Resp: 3507

Ion Ratio Lower Upper

266 100

264 64.7 46.8 70.2

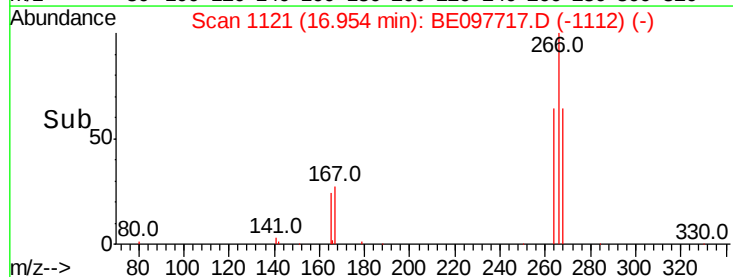
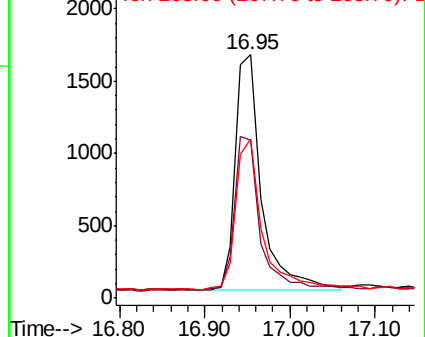
268 65.4 53.0 79.6

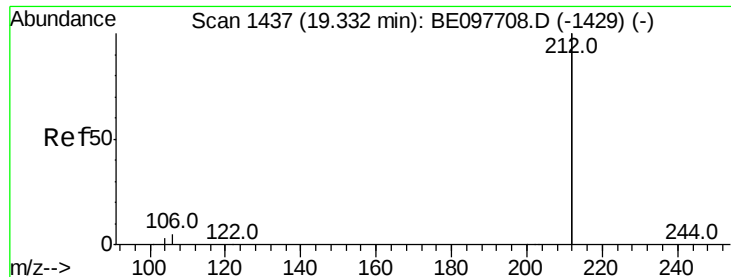


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.001 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE097717.D

Acq: 3 Oct 2018 18:40

Instrument :

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PT-ACIDS-WPDL

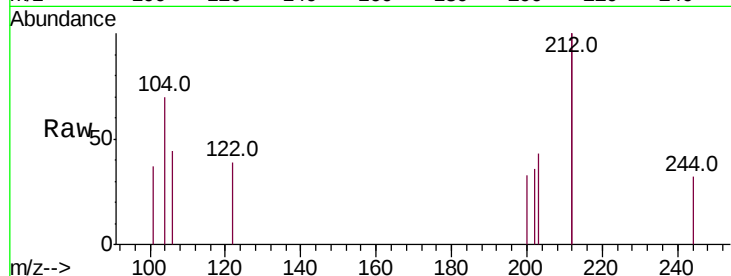
Tot Ion:212 Resp: 216

Ion Ratio Lower Upper

212 100

106 19.9 2.2 3.2#

104 19.9 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

19.34

300

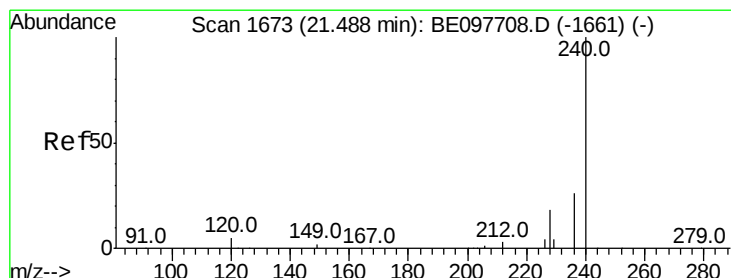
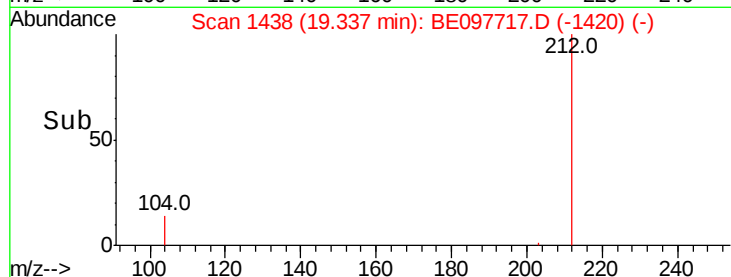
200

100

0

19.30 19.35 19.40

Time-->



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097717.D

Acq: 3 Oct 2018 18:40

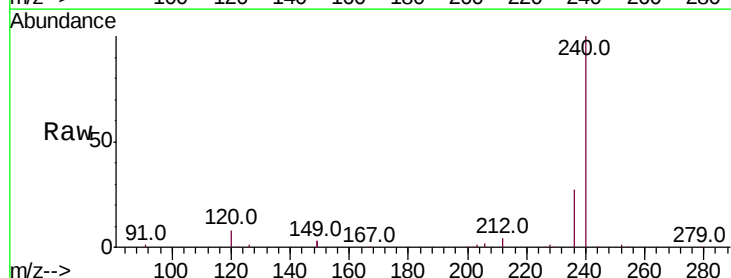
Tgt Ion:240 Resp: 36274

Ion Ratio Lower Upper

240 100

120 7.7 4.7 7.1#

236 27.0 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

21.49

30000

25000

20000

15000

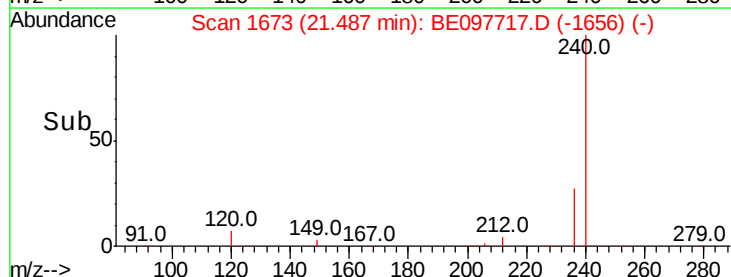
10000

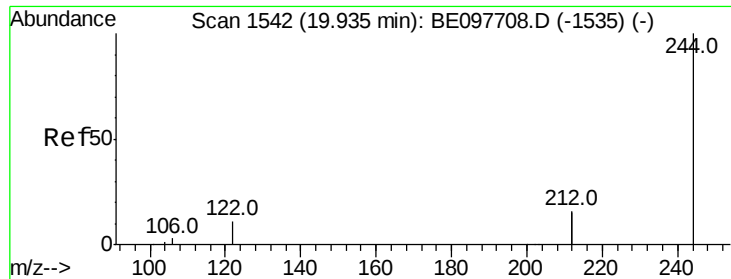
5000

0

21.40 21.50 21.60 21.70

Time-->





#29

Terphenyl-d14

Concen: 1.047 ng

RT: 19.93 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE097717.D

Acq: 3 Oct 2018 18:40

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WPDL

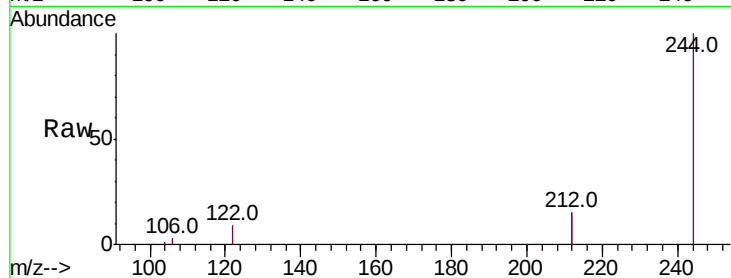
Tot Ion:244 Resp: 77576

Ion Ratio Lower Upper

244 100

212 30.9 25.8 38.8

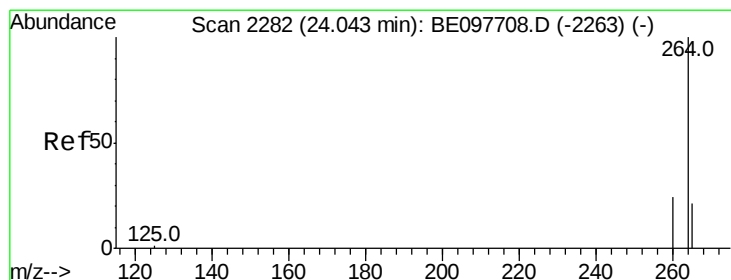
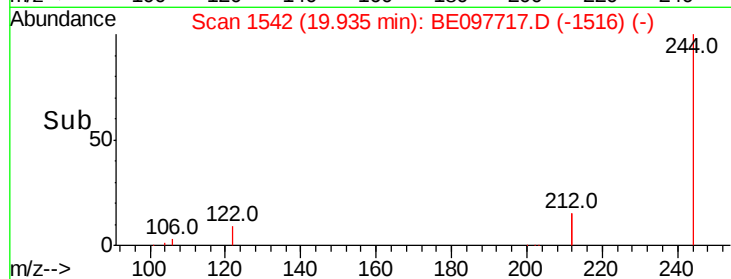
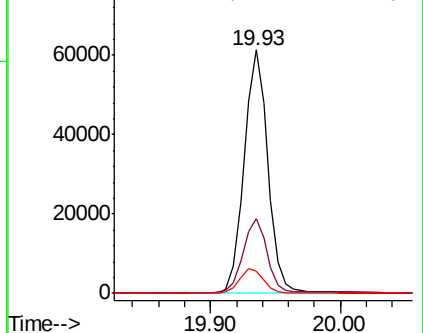
122 9.2 8.7 13.1



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# 2282

Delta R.T. 0.00 min

Lab File: BE097717.D

Acq: 3 Oct 2018 18:40

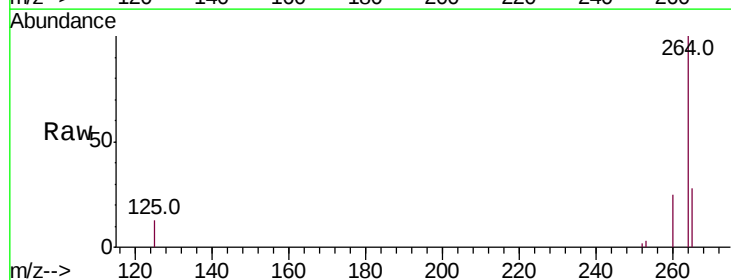
Tgt Ion:264 Resp: 41058

Ion Ratio Lower Upper

264 100

260 25.2 19.1 28.7

265 27.8 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

