

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100318\
 Data File : BE097716.D
 Acq On : 3 Oct 2018 17:28
 Operator : SJ/JU
 Sample : J4870-08 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

Quant Time: Oct 03 18:23:38 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

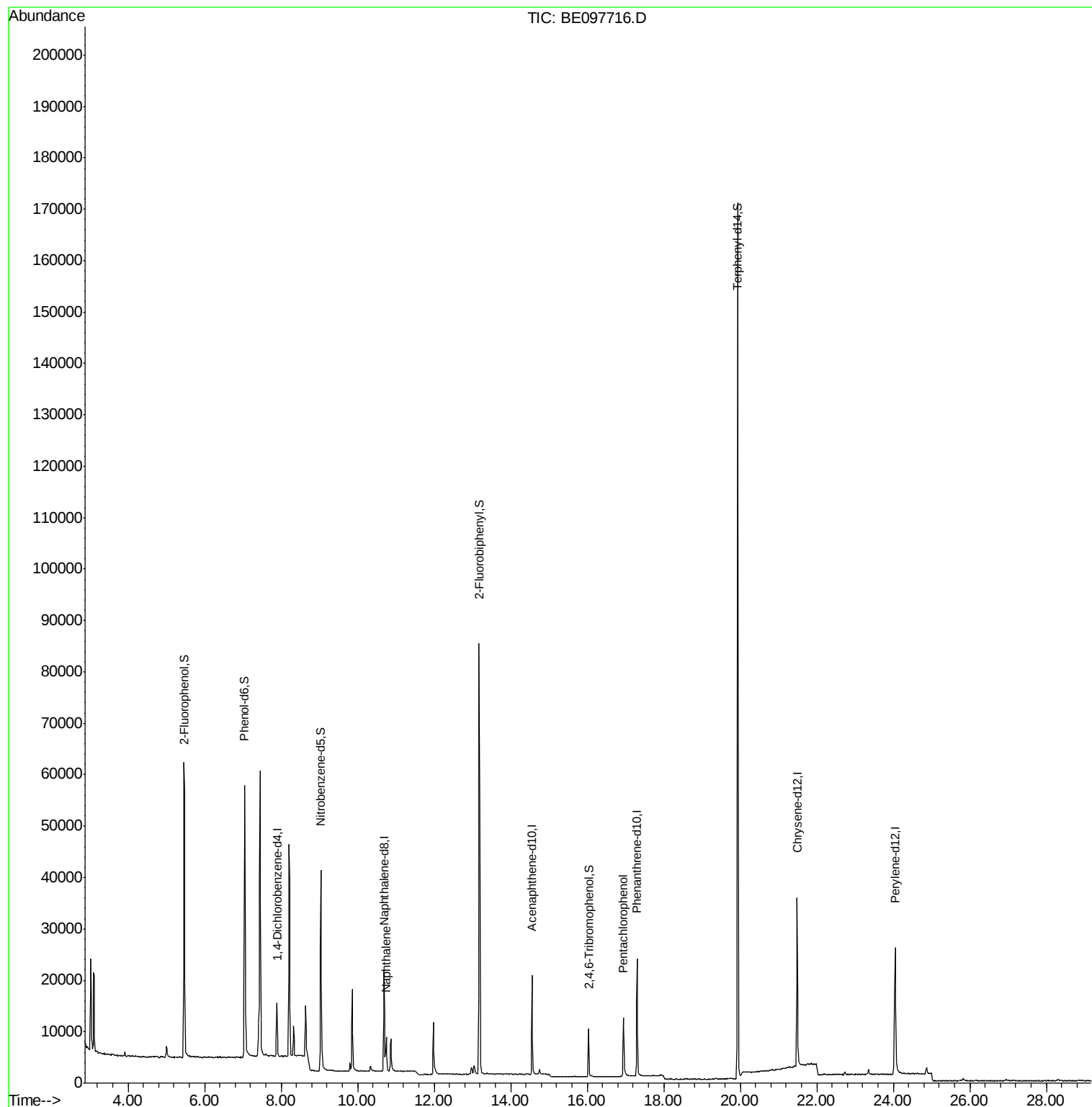
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5339	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	20917	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	11417	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	32360	0.40	ng	0.00
27) Chrysene-d12	21.49	240	36665	0.40	ng	0.00
34) Perylene-d12	24.05	264	39771	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	31867	2.52	ng	0.00
5) Phenol-d6	7.04	99	49299	2.55	ng	0.00
8) Nitrobenzene-d5	9.04	82	14090	2.07	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	13	0.00	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	6286	3.04	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	82583	1.64	ng	-0.01
25) Fluoranthene-d10	19.34	212	253	0.00	ng	0.00
29) Terphenyl-d14	19.94	244	149902	2.00	ng	0.00
Target Compounds						
9) Naphthalene	10.74	128	10301	0.049	ng	Qvalue # 98
22) Pentachlorophenol	16.94	266	7096	2.368	ng	92

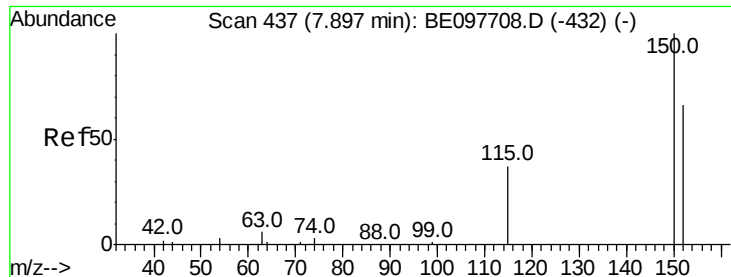
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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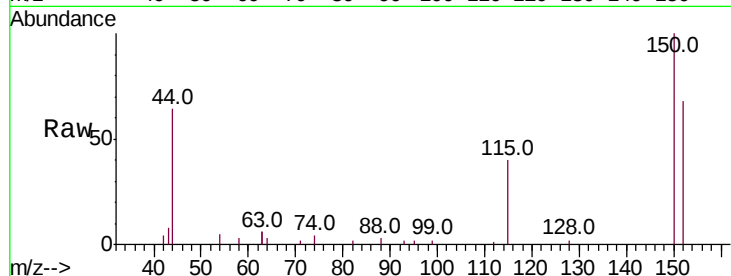


#1

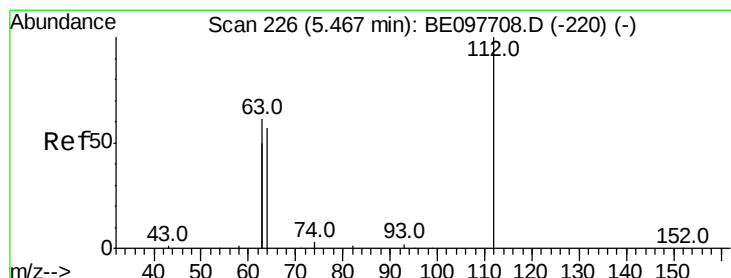
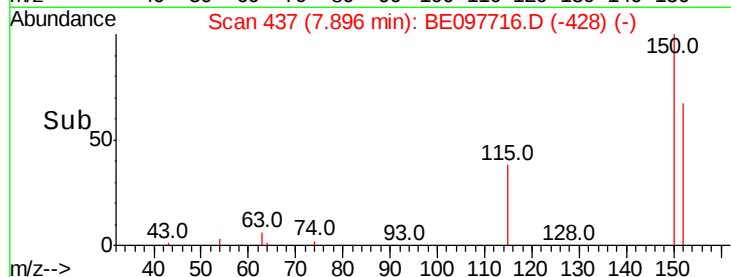
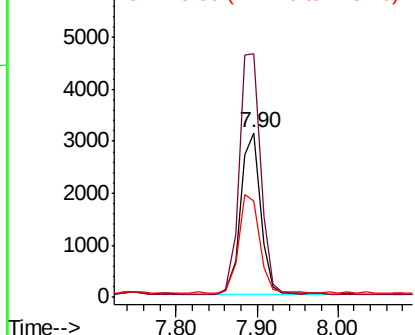
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097716.D
Acq: 3 Oct 2018 17:28

Instrument :
BNA_E
ClientSampleId :
PT-ACIDS-WP

Tot Ion:152 Resp: 5339
Ion Ratio Lower Upper
152 100
150 147.8 120.9 181.3
115 58.6 46.6 69.8



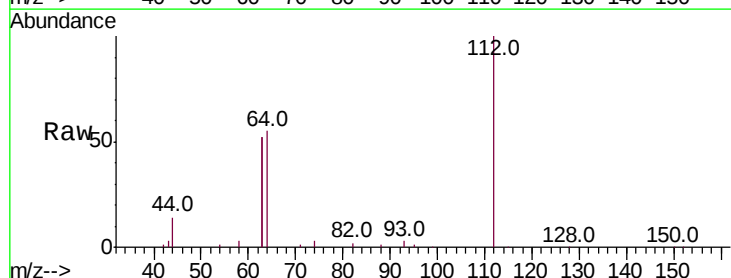
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



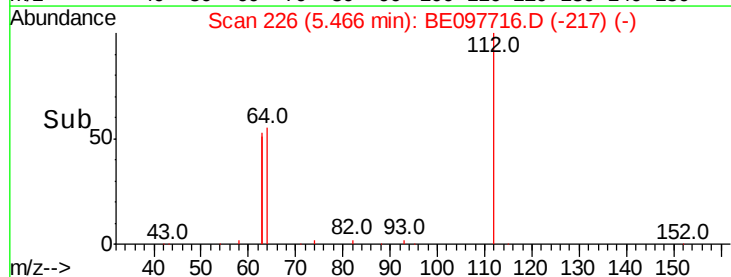
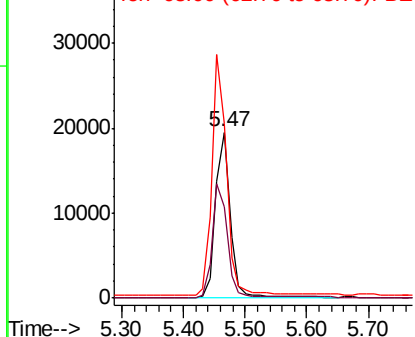
#4

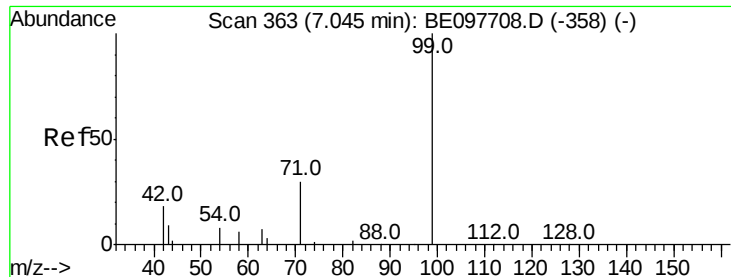
2-Fluorophenol
Concen: 2.523 ng
RT: 5.47 min Scan# 226
Delta R.T. -0.00 min
Lab File: BE097716.D
Acq: 3 Oct 2018 17:28

Tgt Ion:112 Resp: 31867
Ion Ratio Lower Upper
112 100
64 71.0 56.6 84.8
63 143.4 119.4 179.0



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: 2.546 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097716.D

Acq: 3 Oct 2018 17:28

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

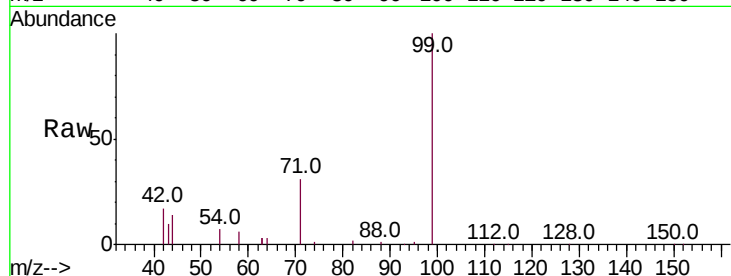
Tot Ion: 99 Resp: 49299

Ion Ratio Lower Upper

99 100

42 25.6 19.9 29.9

71 33.9 25.4 38.2

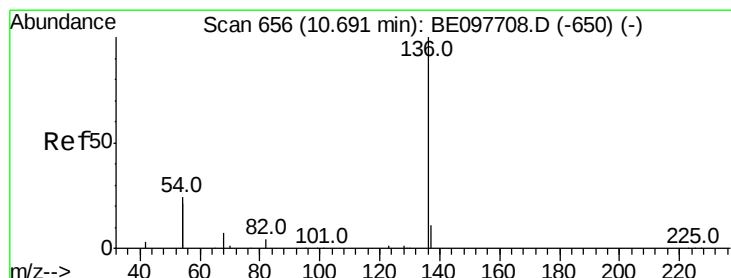
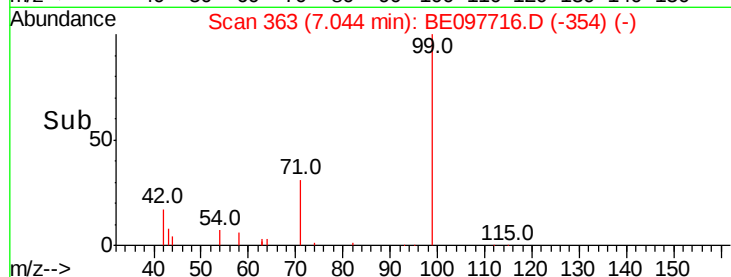
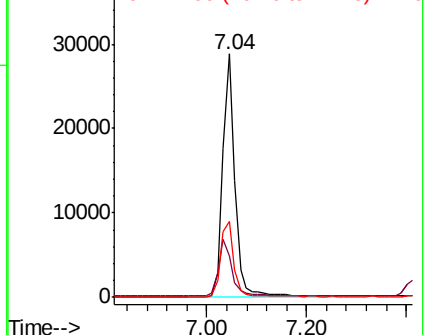


Abundance

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: BE097716.D

Acq: 3 Oct 2018 17:28

Tgt Ion:136 Resp: 20917

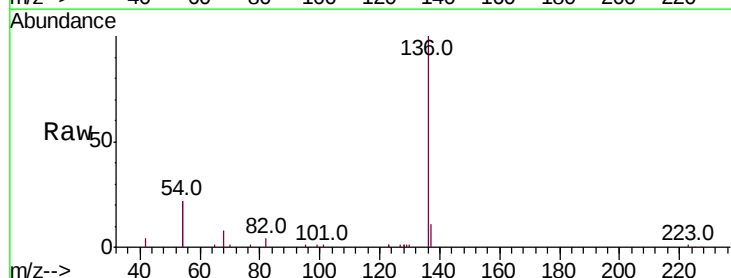
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 43.1 37.8 56.6

68 7.9 6.4 9.6



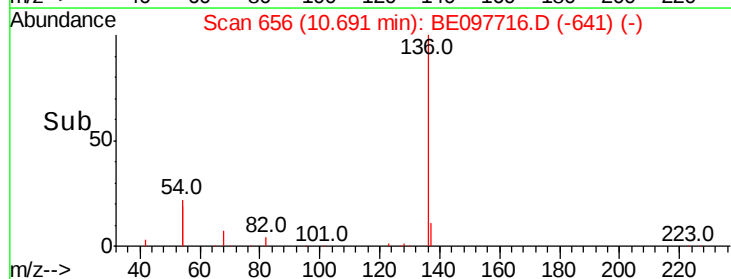
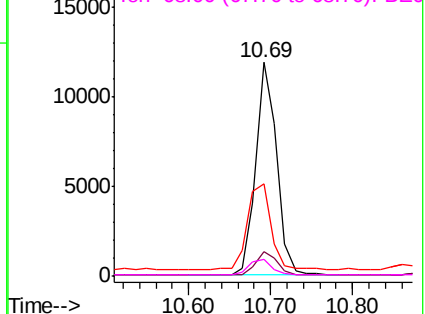
Abundance

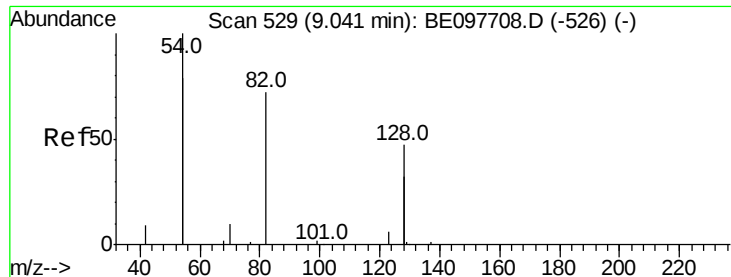
Ion 136.00 (135.70 to 136.70): E

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: 2.075 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097716.D

Acq: 3 Oct 2018 17:28

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

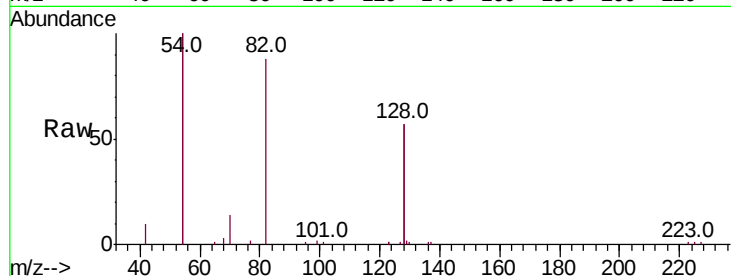
Tot Ion: 82 Resp: 14090

Ion Ratio Lower Upper

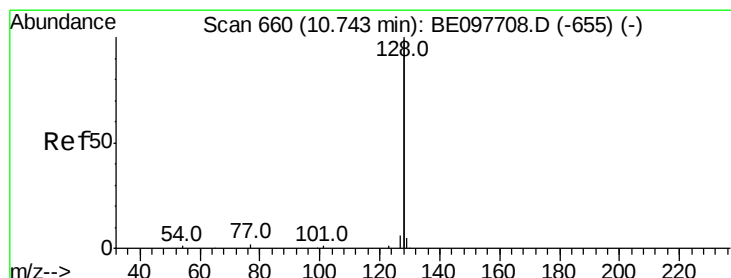
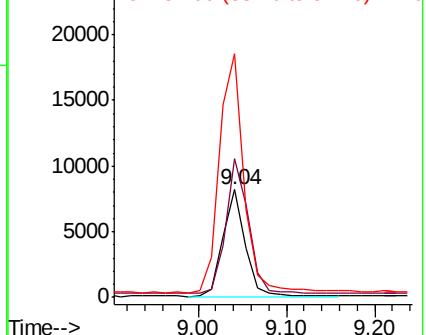
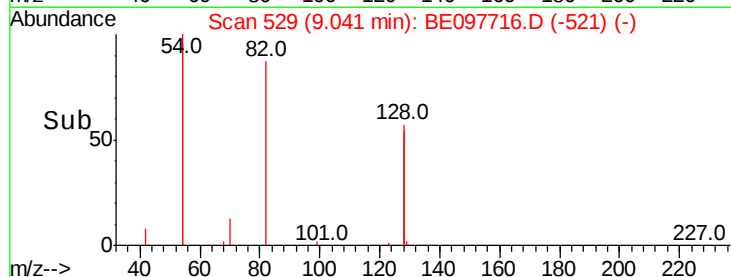
82 100

128 129.6 97.0 145.4

54 226.8 206.9 310.3



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



#9

Naphthalene

Concen: 0.049 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097716.D

Acq: 3 Oct 2018 17:28

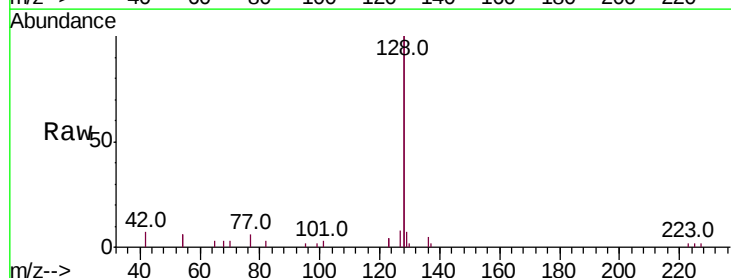
Tgt Ion: 128 Resp: 10301

Ion Ratio Lower Upper

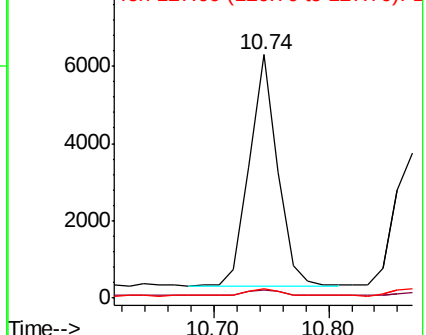
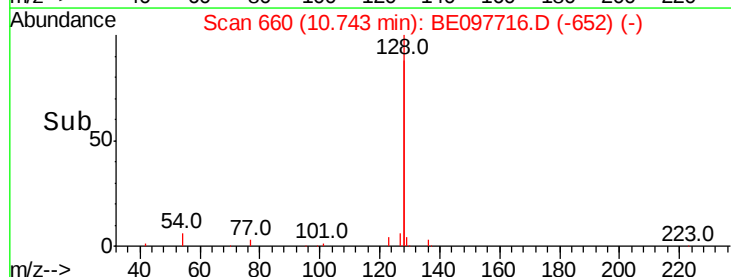
128 100

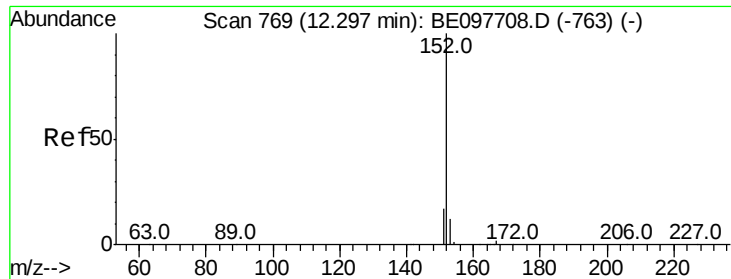
129 3.3 2.2 3.2#

127 4.0 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.01 min

Lab File: BE097716.D

Acq: 3 Oct 2018 17:28

Instrument :

BNA_E

ClientSampleId :

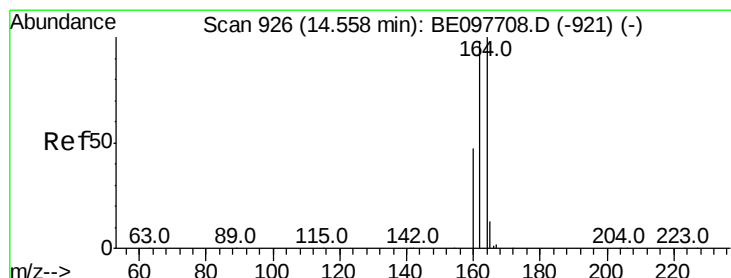
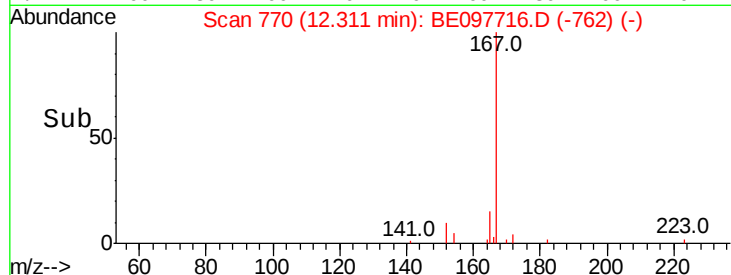
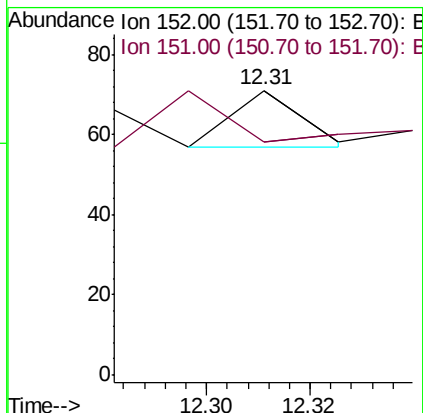
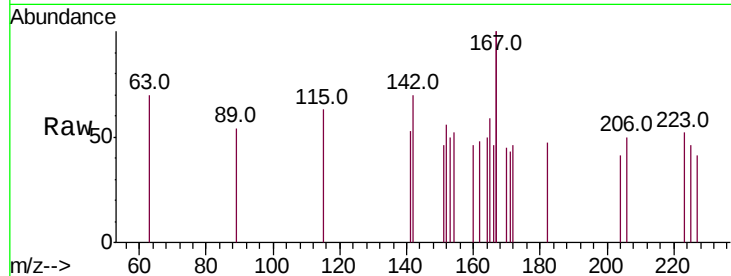
PT-ACIDS-WP

Tot Ion:152 Resp: 13

Ion Ratio Lower Upper

152 100

151 92.3 15.4 23.2#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE097716.D

Acq: 3 Oct 2018 17:28

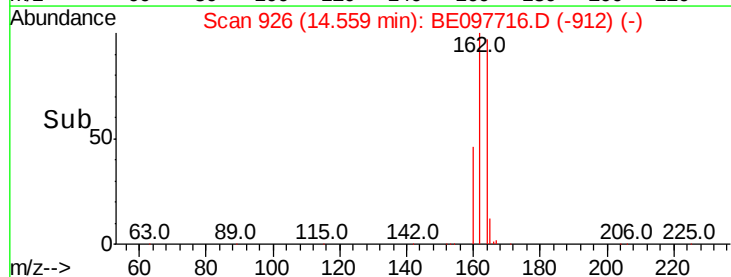
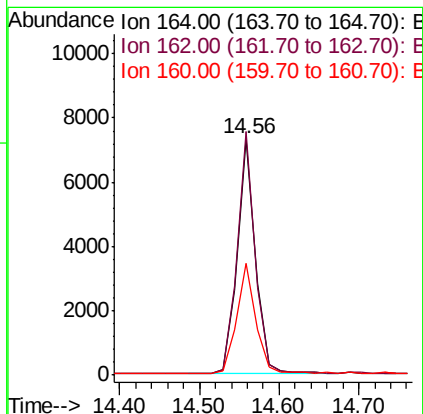
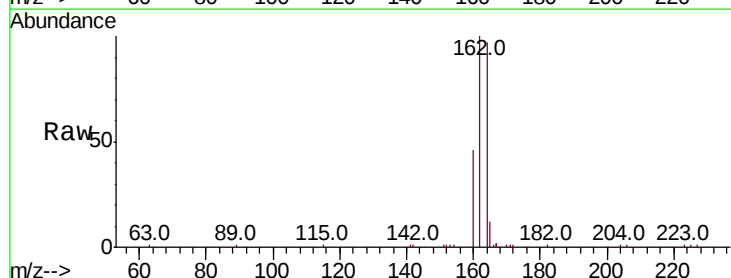
Tgt Ion:164 Resp: 11417

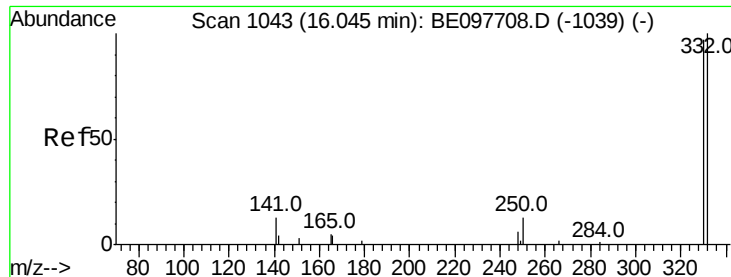
Ion Ratio Lower Upper

164 100

162 103.2 78.6 117.8

160 47.5 37.8 56.6

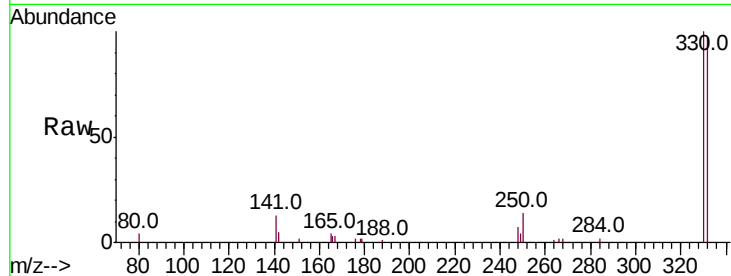




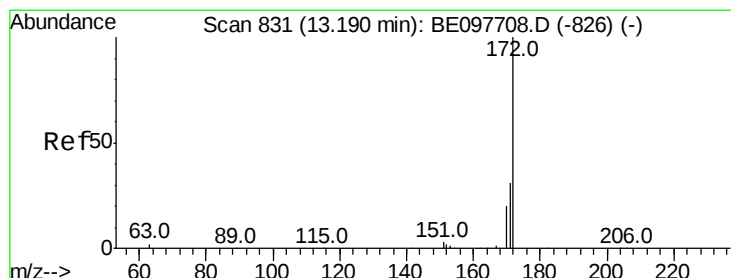
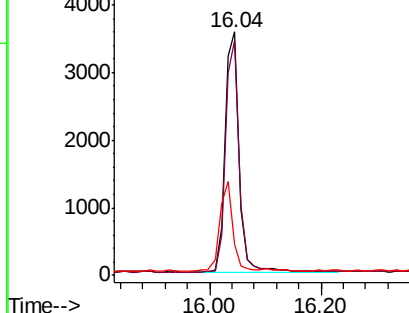
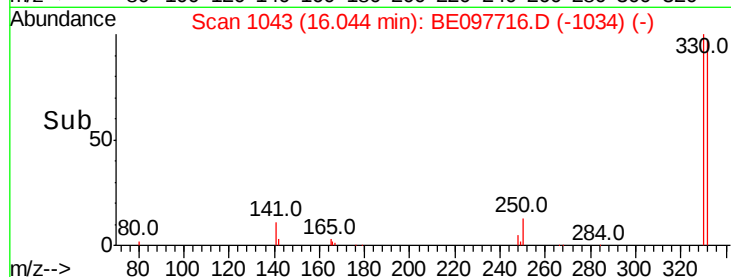
#14
 2,4,6-Tribromophenol
 Concen: 3.038 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BE097716.D
 Acq: 3 Oct 2018 17:28

Instrument :
 BNA_E
 ClientSampleId :
 PT-ACIDS-WP

Tot Ion:330 Resp: 6286
 Ion Ratio Lower Upper
 330 100
 332 95.3 83.5 125.3
 141 35.8 34.9 52.3

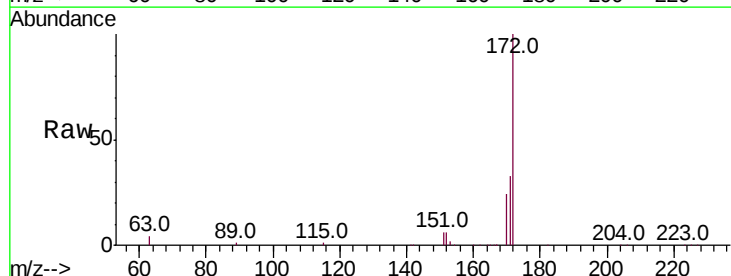


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

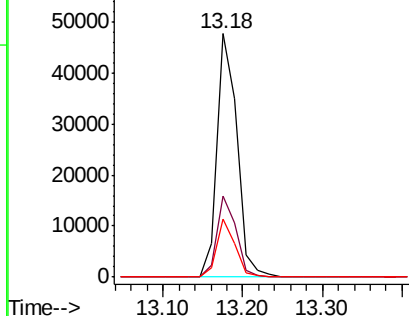
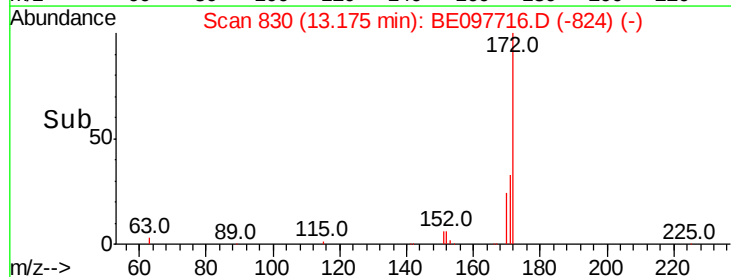


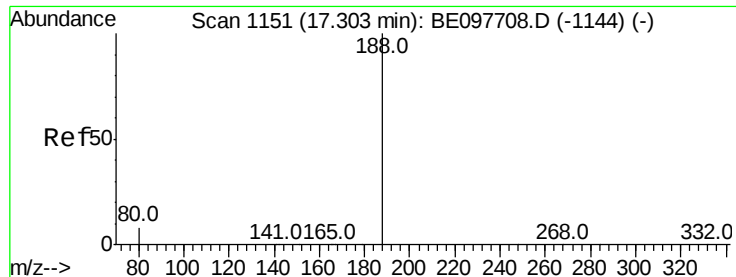
#15
 2-Fluorobiphenyl
 Concen: 1.643 ng
 RT: 13.18 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BE097716.D
 Acq: 3 Oct 2018 17:28

Tgt Ion:172 Resp: 82583
 Ion Ratio Lower Upper
 172 100
 171 33.5 25.2 37.8
 170 24.0 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

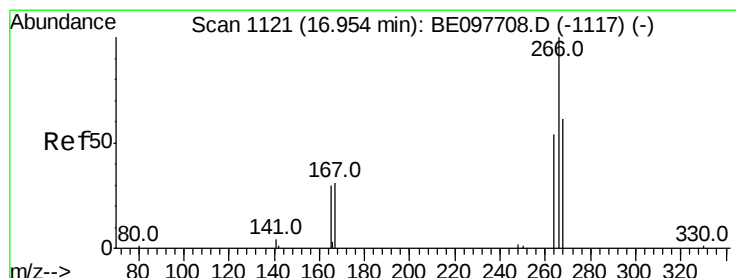
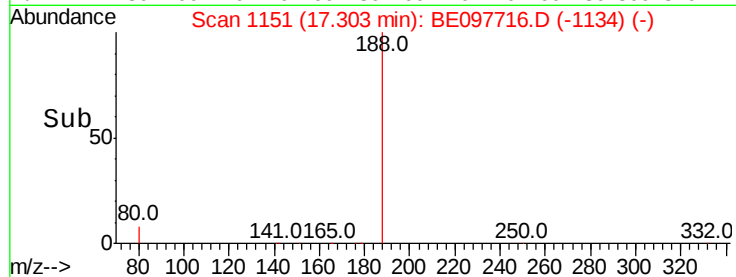
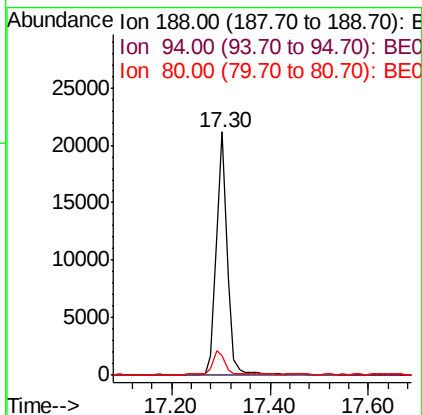
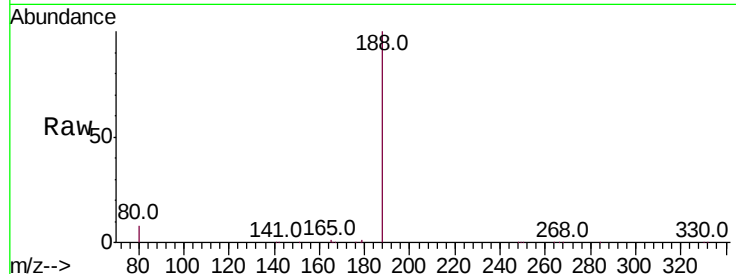




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.30 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE097716.D
Acq: 3 Oct 2018 17:28

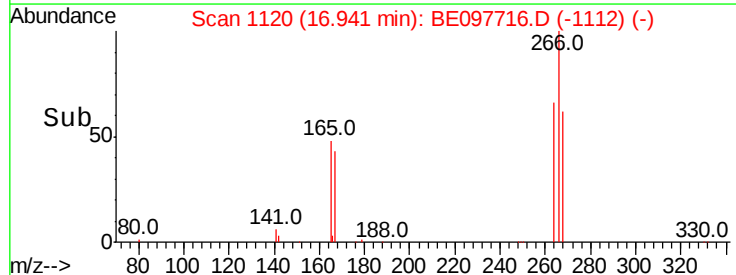
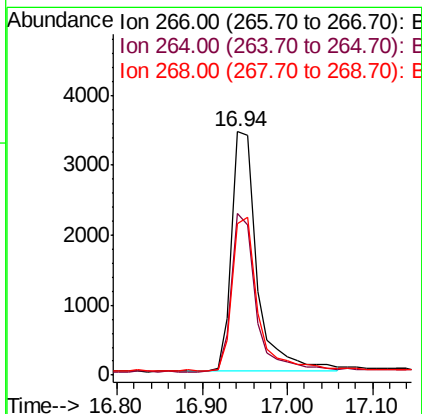
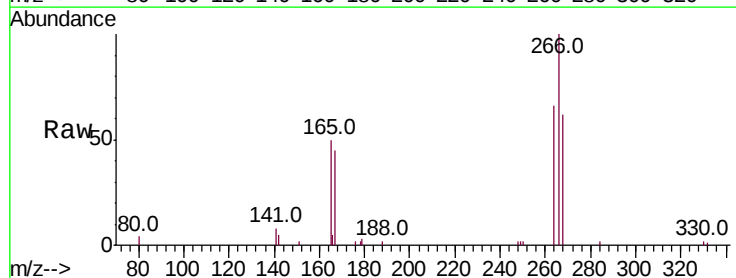
Instrument :
BNA_E
ClientSampled :
PT-ACIDS-WP

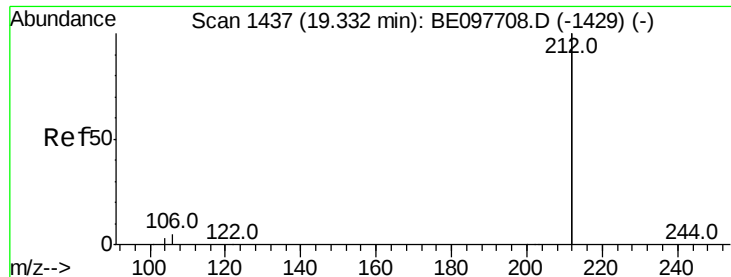
Tot Ion:188 Resp: 32360
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.6 9.8



#22
Pentachlorophenol
Concen: 2.368 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE097716.D
Acq: 3 Oct 2018 17:28

Tgt Ion:266 Resp: 7096
Ion Ratio Lower Upper
266 100
264 66.3 46.8 70.2
268 62.3 53.0 79.6





#25

Fluoranthene-d10

Concen: 0.001 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE097716.D

Acq: 3 Oct 2018 17:28

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

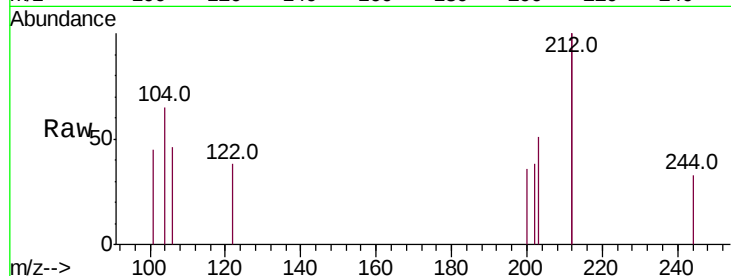
Tot Ion:212 Resp: 253

Ion Ratio Lower Upper

212 100

106 0.0 2.2 3.2#

104 4.3 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

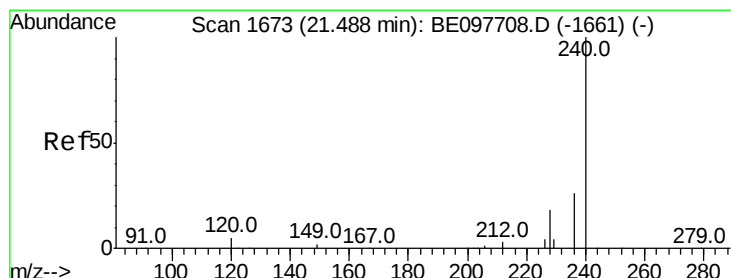
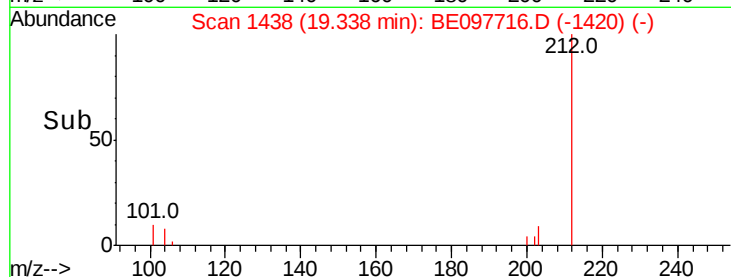
200

100

0

19.25 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: BE097716.D

Acq: 3 Oct 2018 17:28

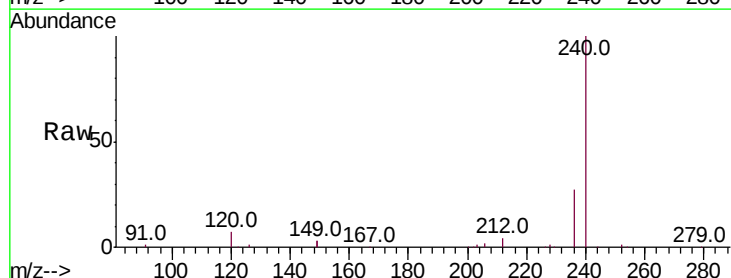
Tgt Ion:240 Resp: 36665

Ion Ratio Lower Upper

240 100

120 7.0 4.7 7.1

236 27.3 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

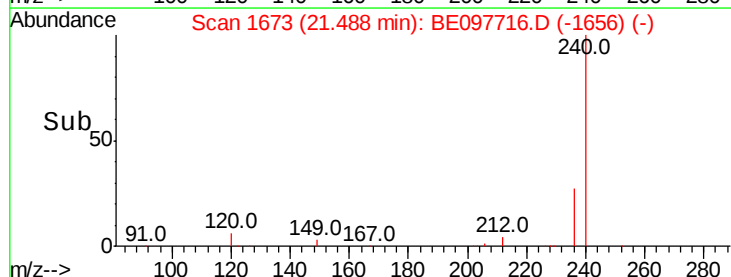
10000

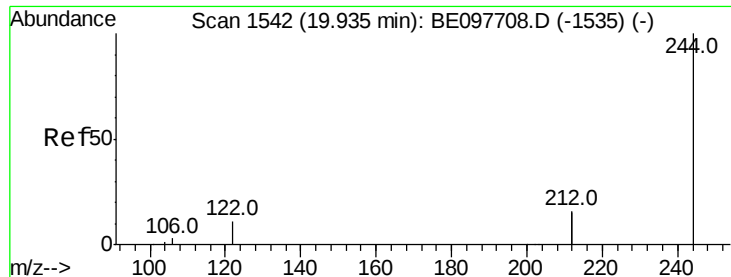
5000

0

21.40 21.50 21.60

Time-->





#29

Terphenyl-d14

Concen: 2.002 ng

RT: 19.94 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE097716.D

Acq: 3 Oct 2018 17:28

Instrument :

BNA_E

ClientSampleId :

PT-ACIDS-WP

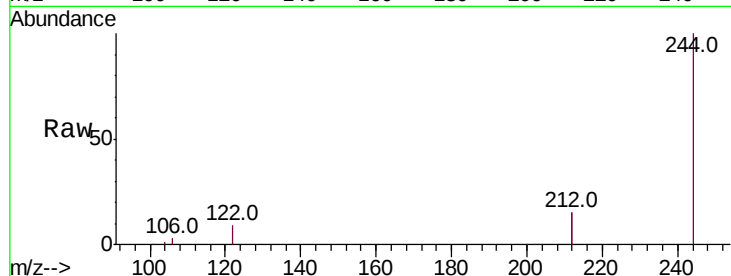
Tot Ion:244 Resp: 149902

Ion Ratio Lower Upper

244 100

212 30.7 25.8 38.8

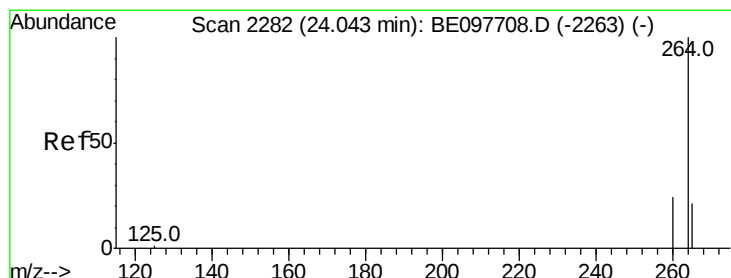
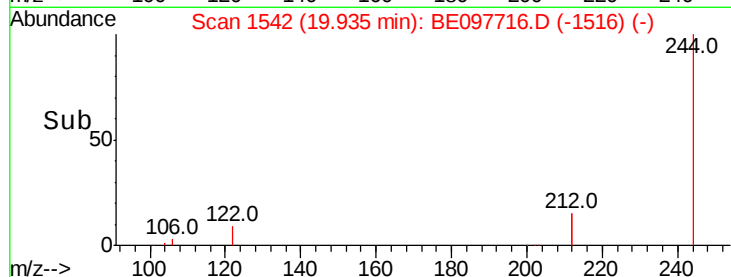
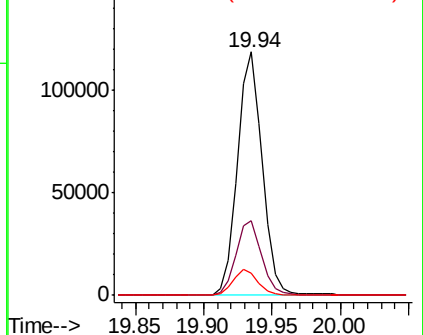
122 8.9 8.7 13.1



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: 24.05 min Scan# 2282

Delta R.T. 0.00 min

Lab File: BE097716.D

Acq: 3 Oct 2018 17:28

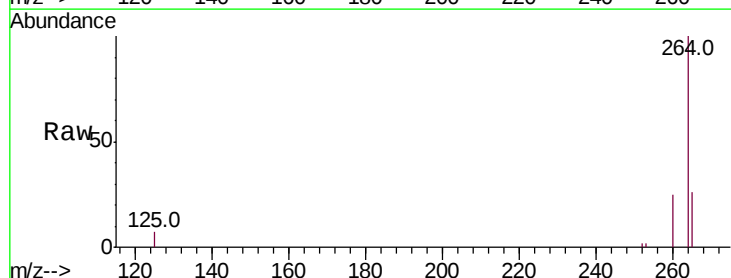
Tgt Ion:264 Resp: 39771

Ion Ratio Lower Upper

264 100

260 24.8 19.1 28.7

265 26.4 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

