

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE043018\
 Data File : BE096241.D
 Acq On : 1 May 2018 2:45
 Operator : SJ/JU
 Sample : J2600-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30411-20180425

Quant Time: May 01 06:06:15 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

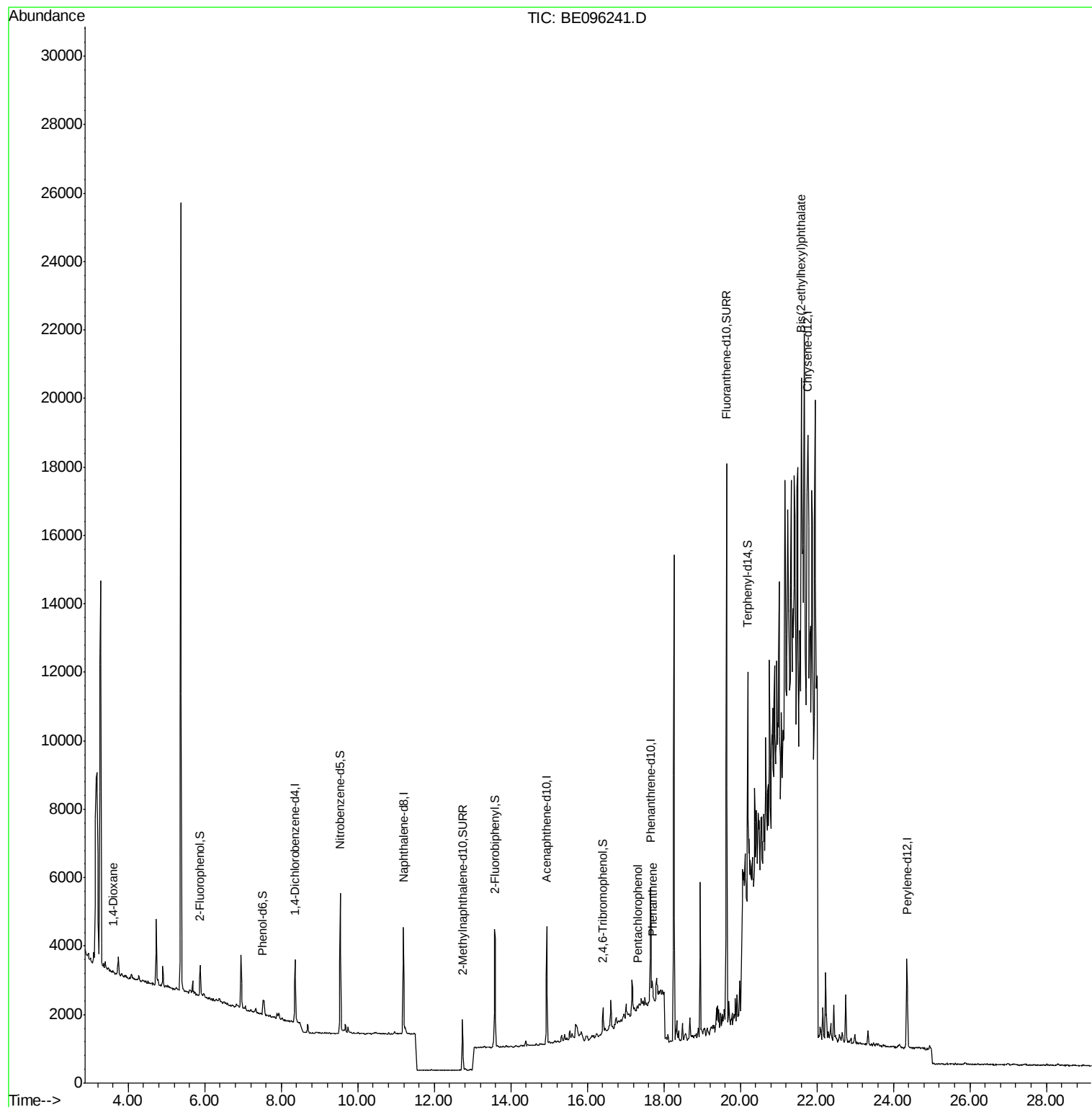
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	894	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3391	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1863	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	4430	0.40	ng	0.00
27) Chrysene-d12	21.75	240	4127	0.40	ng	0.01
34) Perylene-d12	24.35	264	3952	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.88	112	457	0.17	ng	0.02
5) Phenol-d6	7.53	99	372	0.10	ng	0.02
8) Nitrobenzene-d5	9.54	82	1568	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	2016	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	368	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.58	172	3418	0.43	ng	0.01
25) Fluoranthene-d10	19.64	212	20946	0.35	ng	0.00
29) Terphenyl-d14	20.19	244	5428	0.60	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.61	88	59	0.043	ng	Qvalue # 40
22) Pentachlorophenol	17.32	266	36	0.165	ng	98
23) Phenanthrene	17.70	178	555	0.045	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.60	149	8787	0.257	ng	# 93

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

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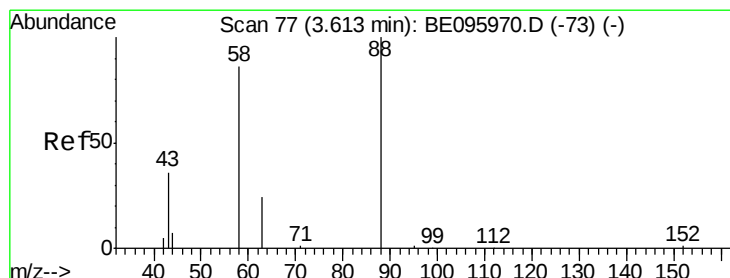
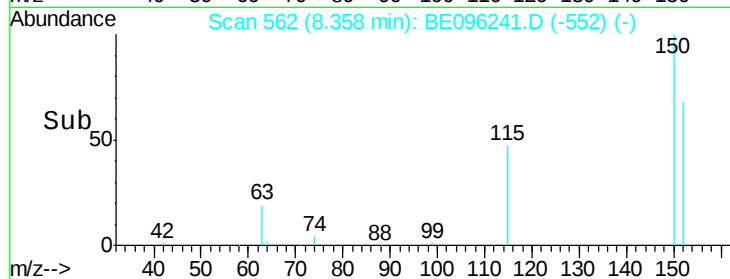
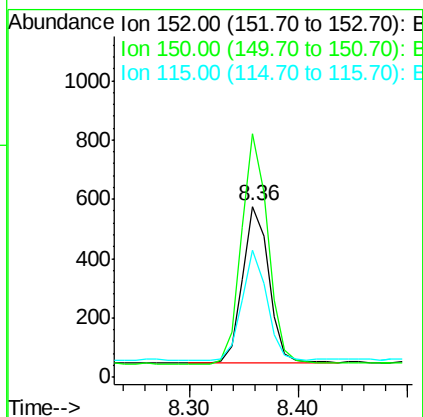
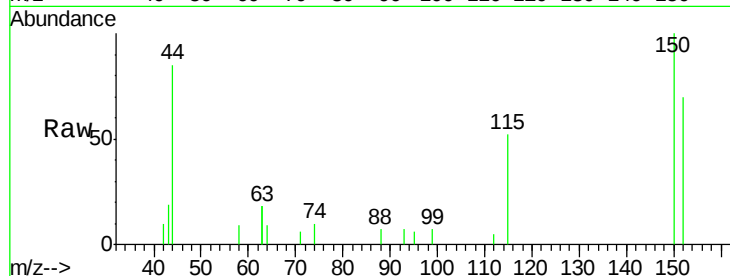


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096241.D
Acq: 1 May 2018 2:45

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30411-20180425

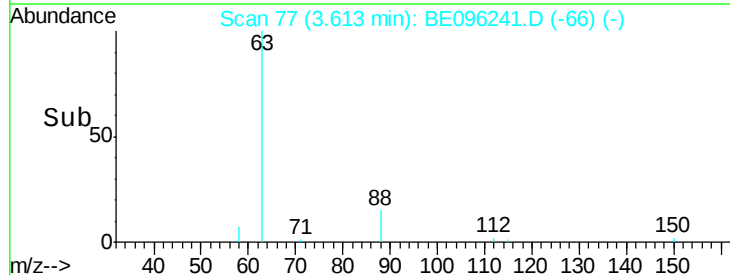
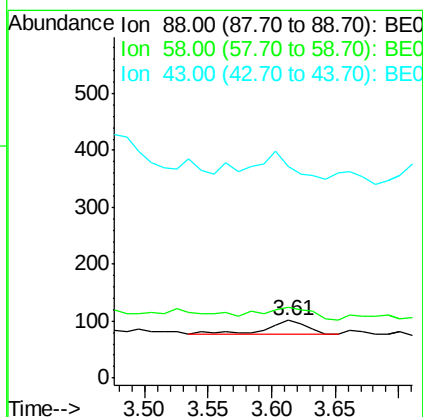
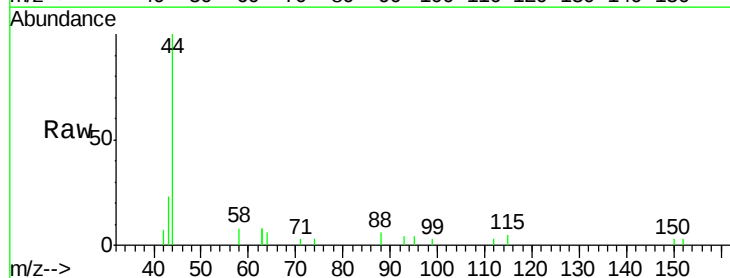
Tgt Ion: 152 Resp: 894
Ion Ratio Lower Upper
152 100
150 142.3 117.2 175.8
115 74.0 57.0 85.6

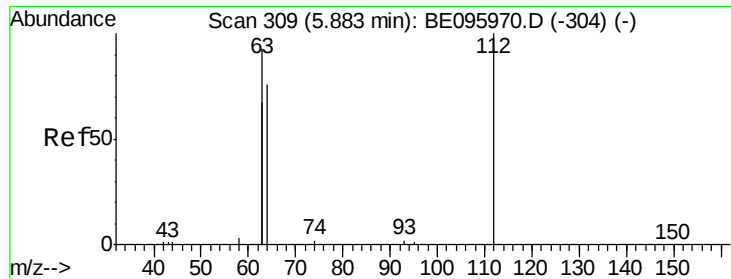


#2

1,4-Dioxane
Concen: 0.043 ng
RT: 3.61 min Scan# 77
Delta R.T. 0.01 min
Lab File: BE096241.D
Acq: 1 May 2018 2:45

Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
58 100.0 63.2 94.8#
43 132.2 41.2 61.8#





#4

2-Fluorophenol

Concen: 0.165 ng

RT: 5.88 min Scan# 309

Delta R.T. 0.02 min

Lab File: BE096241.D

Acq: 1 May 2018 2:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20180425

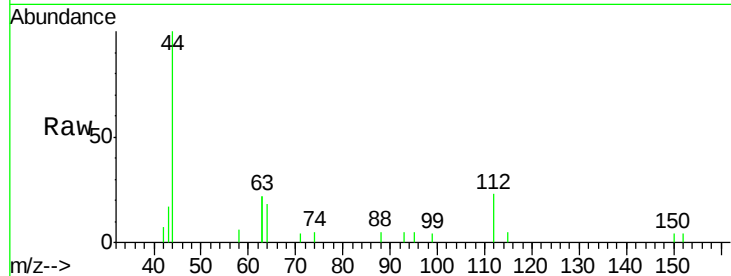
Tgt Ion: 112 Resp: 457

Ion Ratio Lower Upper

112 100

64 79.0 60.1 90.1

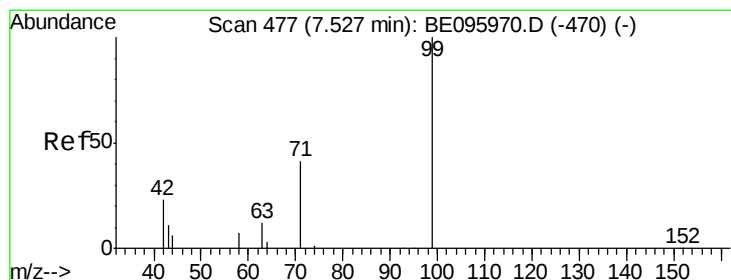
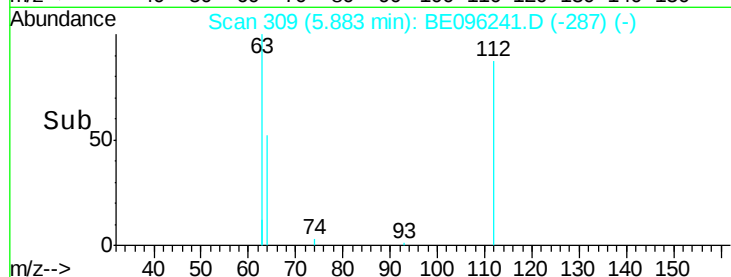
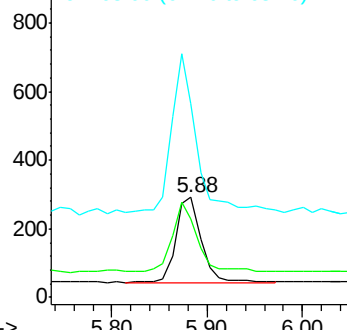
63 184.7 116.8 175.2#



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: 0.098 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.02 min

Lab File: BE096241.D

Acq: 1 May 2018 2:45

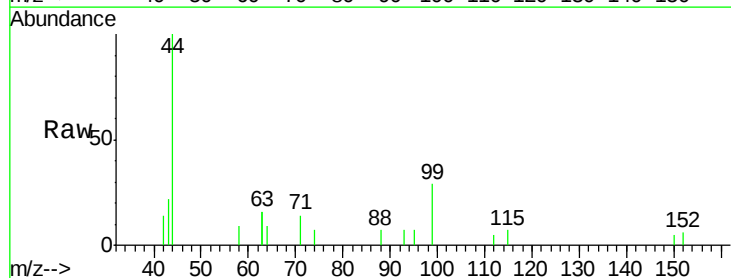
Tgt Ion: 99 Resp: 372

Ion Ratio Lower Upper

99 100

42 28.5 20.2 30.2

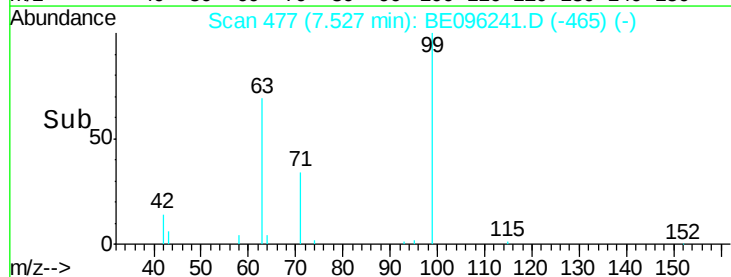
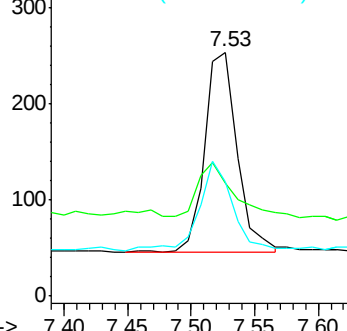
71 45.7 28.4 42.6#



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: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096241.D

Acq: 1 May 2018 2:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20180425

Tgt Ion: 136 Resp: 3391

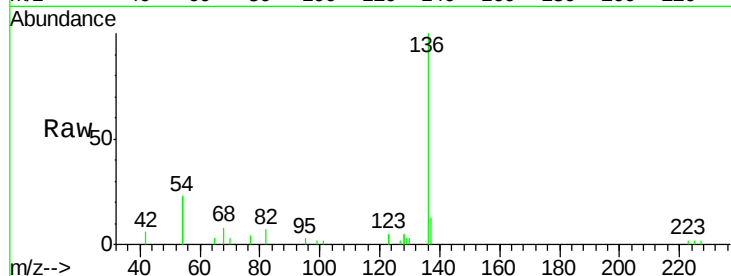
Ion Ratio Lower Upper

136 100

137 13.3 9.5 14.3

54 46.2 29.1 43.7#

68 8.3 6.2 9.2

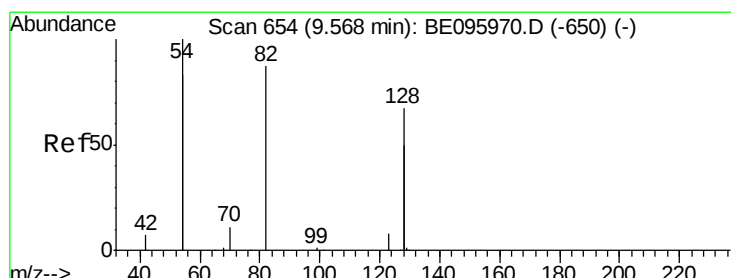
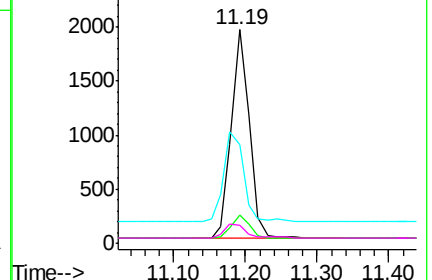
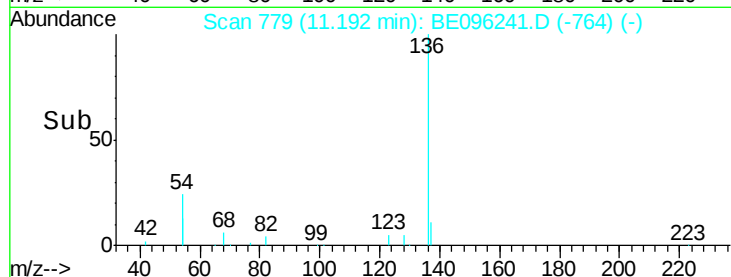


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096241.D

Acq: 1 May 2018 2:45

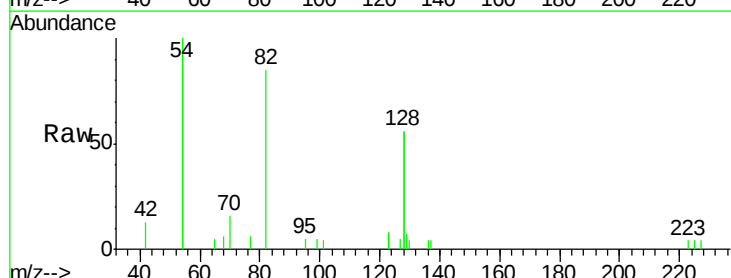
Tgt Ion: 82 Resp: 1568

Ion Ratio Lower Upper

82 100

128 130.5 150.0 225.0#

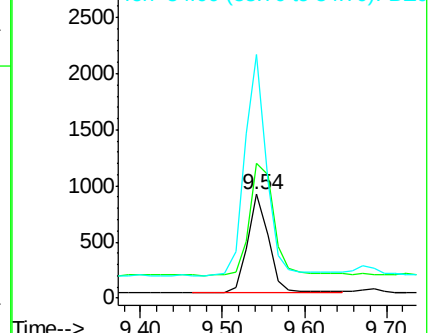
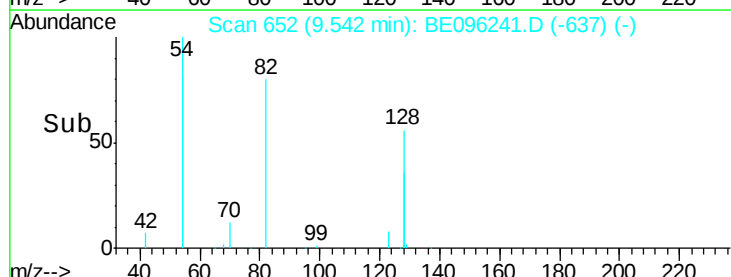
54 234.8 154.2 231.4#

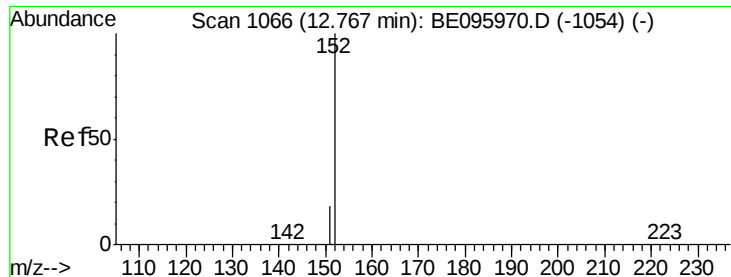


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

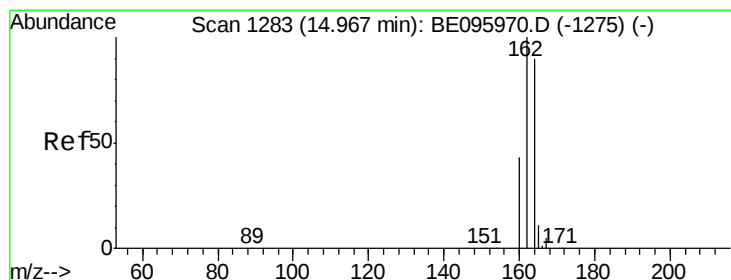
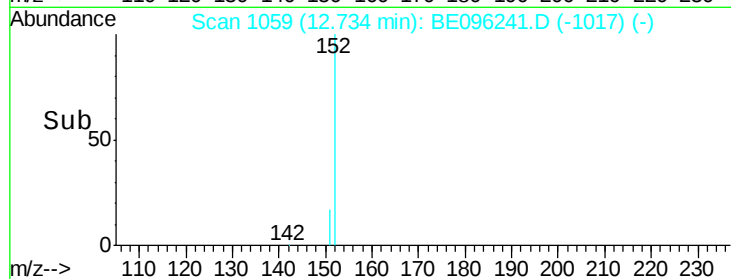
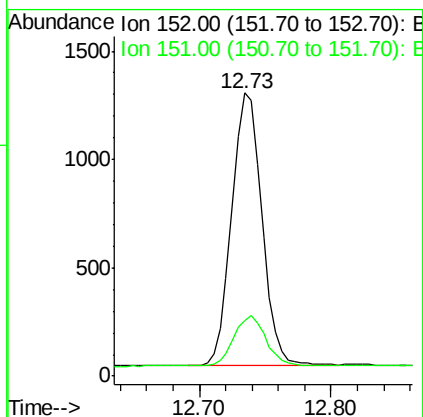
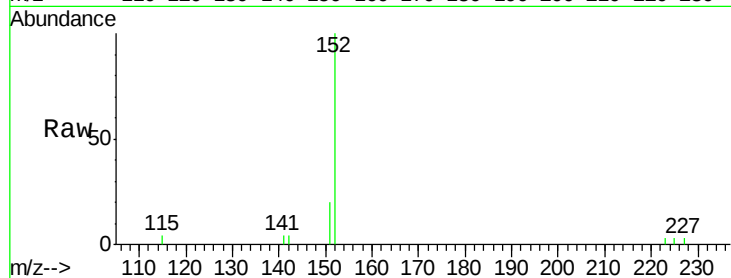




#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.73 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BE096241.D
Acq: 1 May 2018 2:45

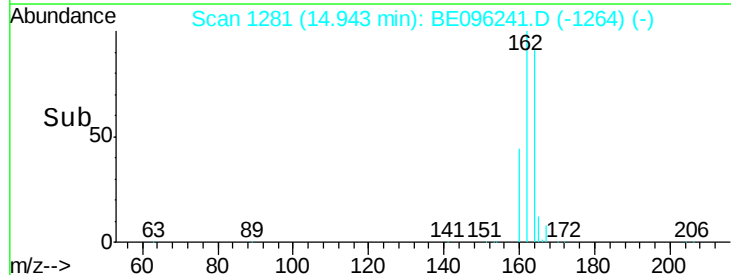
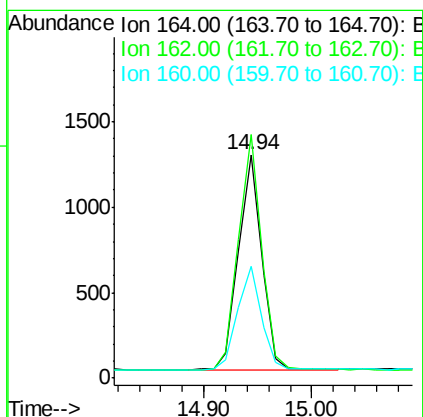
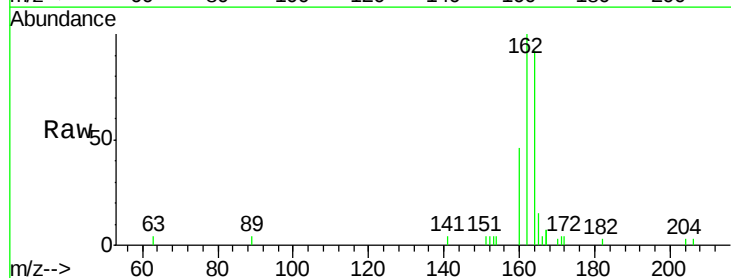
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30411-20180425

Tgt Ion:152 Resp: 2016
Ion Ratio Lower Upper
152 100
151 19.5 15.4 23.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BE096241.D
Acq: 1 May 2018 2:45

Tgt Ion:164 Resp: 1863
Ion Ratio Lower Upper
164 100
162 108.9 83.1 124.7
160 49.9 37.1 55.7

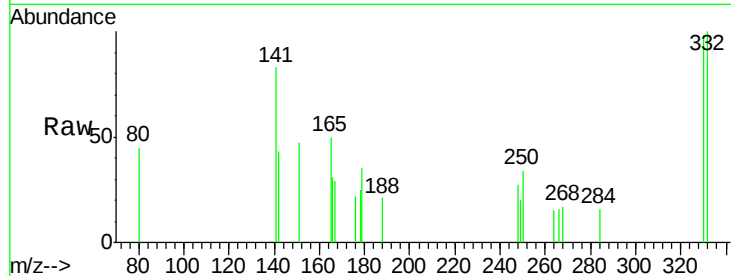




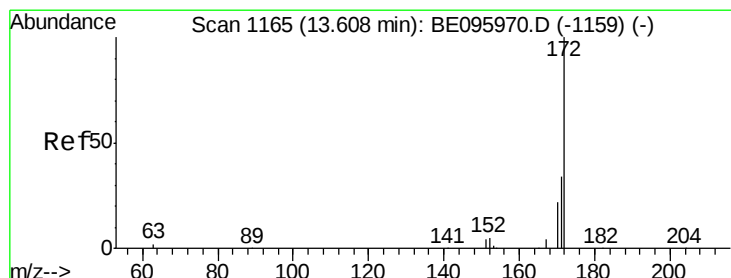
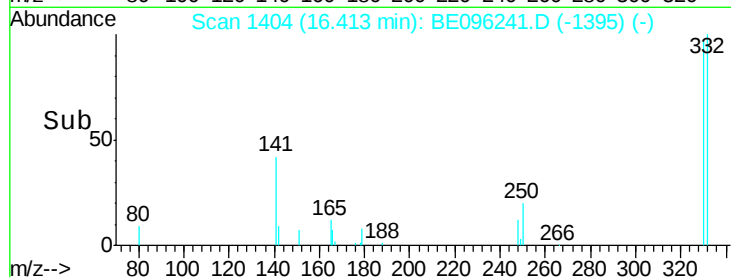
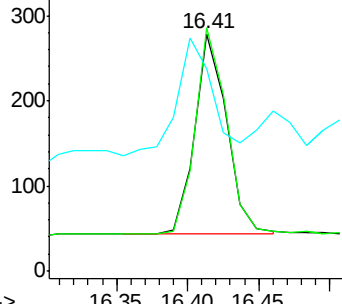
#14
 2,4,6-Tribromophenol
 Concen: 0.409 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096241.D
 Acq: 1 May 2018 2:45

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30411-20180425

Tgt Ion: 330 Resp: 368
 Ion Ratio Lower Upper
 330 100
 332 101.6 152.7 229.1#
 141 66.0 33.7 50.5#

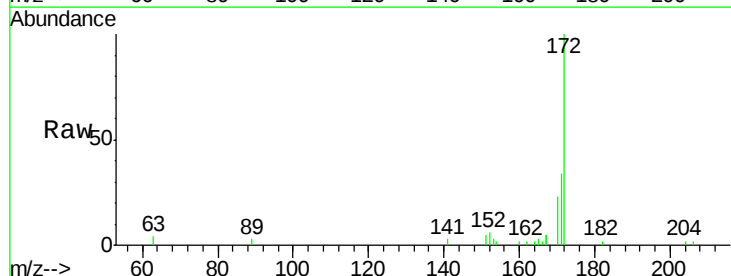


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

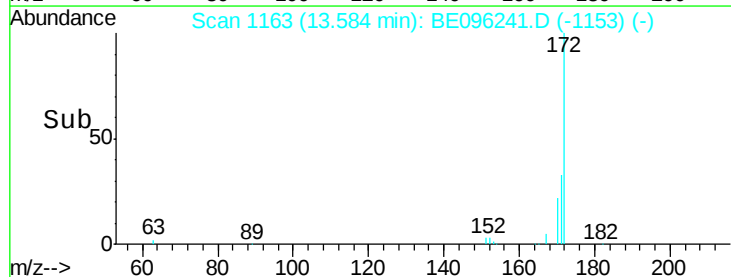
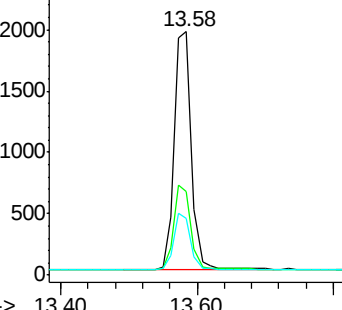


#15
 2-Fluorobiphenyl
 Concen: 0.429 ng
 RT: 13.58 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BE096241.D
 Acq: 1 May 2018 2:45

Tgt Ion: 172 Resp: 3418
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.9 44.9
 170 23.3 21.8 32.8



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: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096241.D

Acq: 1 May 2018 2:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30411-20180425

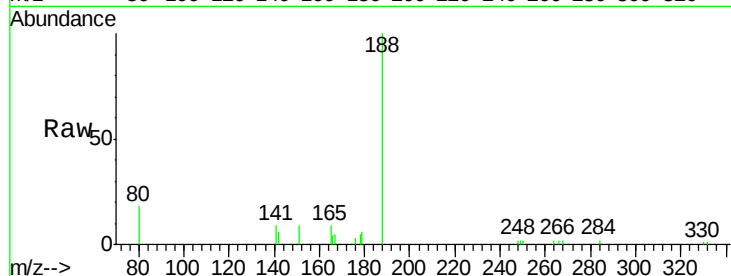
Tgt Ion:188 Resp: 4430

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

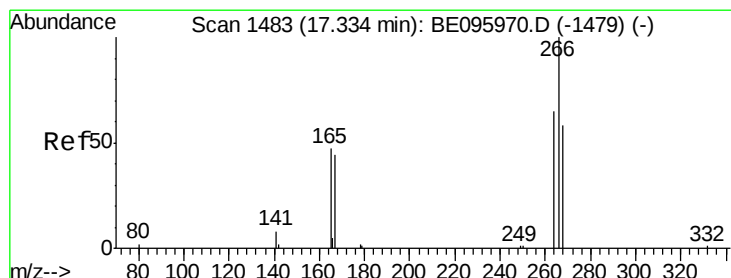
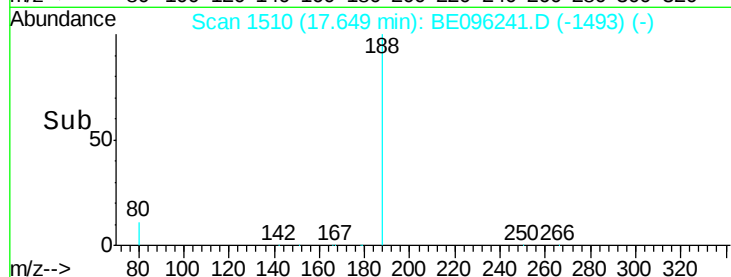
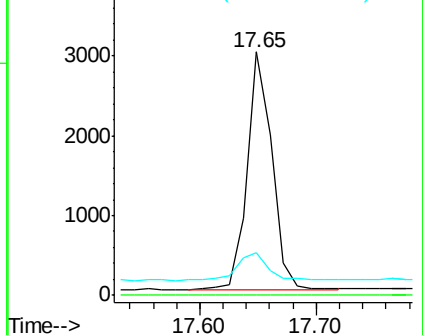
80 17.5 3.6 5.4#



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: 0.165 ng

RT: 17.32 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BE096241.D

Acq: 1 May 2018 2:45

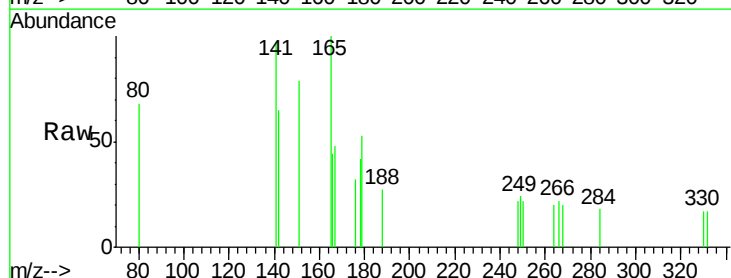
Tgt Ion:266 Resp: 36

Ion Ratio Lower Upper

266 100

264 91.4 72.5 108.7

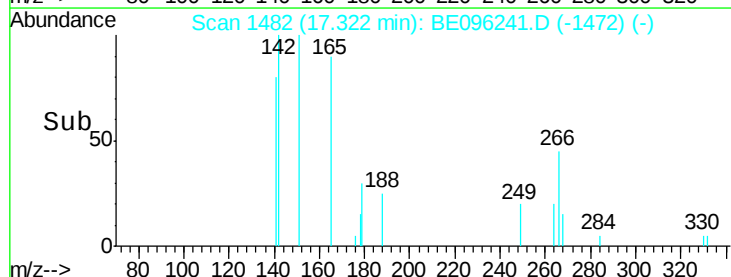
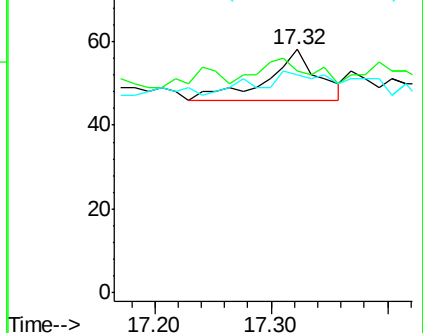
268 89.7 73.8 110.6

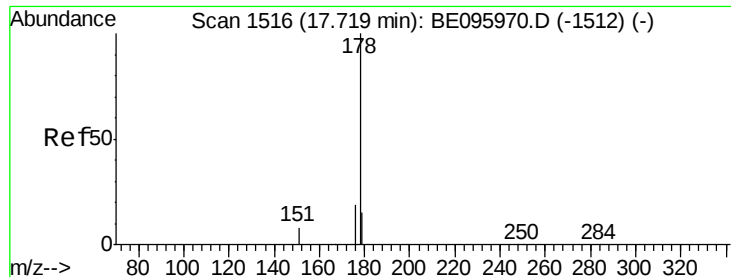


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.045 ng

RT: 17.70 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BE096241.D

Acq: 1 May 2018 2:45

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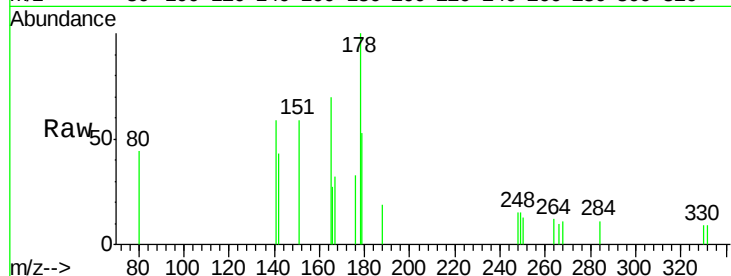
Tgt Ion:178 Resp: 555

Ion Ratio Lower Upper

178 100

176 28.1 15.1 22.7#

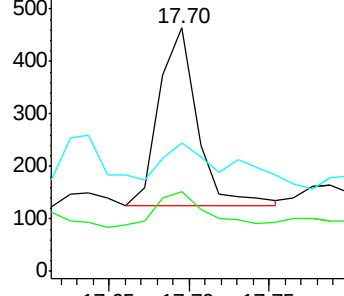
179 20.7 11.8 17.6#



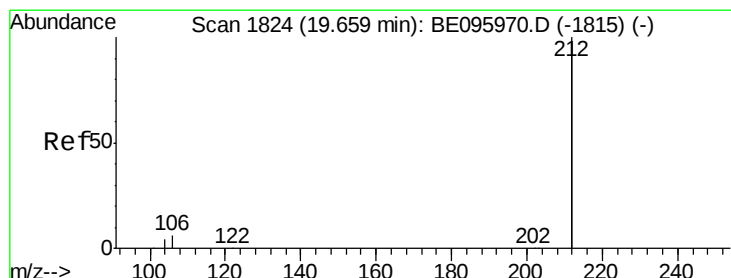
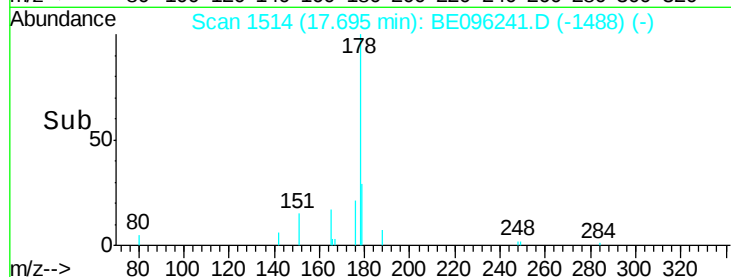
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096241.D

Acq: 1 May 2018 2:45

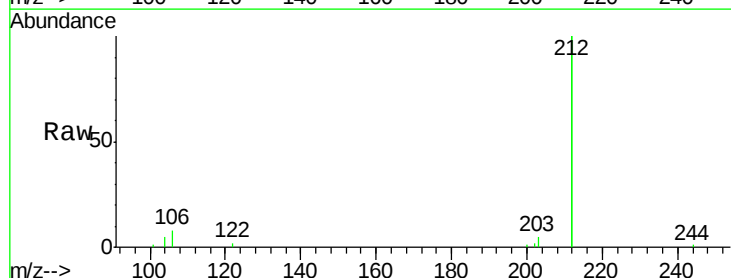
Tgt Ion:212 Resp: 20946

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

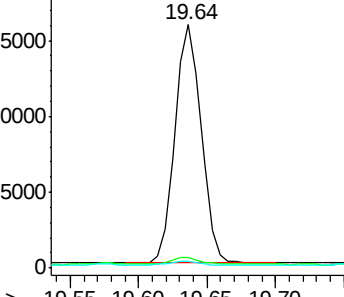
104 2.2 1.6 2.4



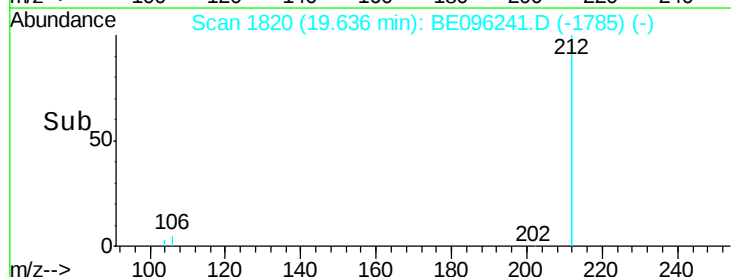
Abundance Ion 212.00 (211.70 to 212.70): E

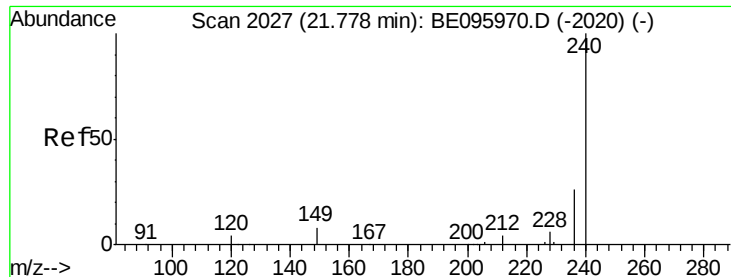
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096241.D

Acq: 1 May 2018 2:45

Instrument :

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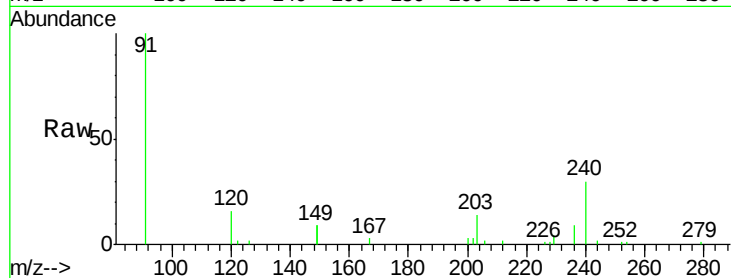
Tgt Ion:240 Resp: 4127

Ion Ratio Lower Upper

240 100

120 53.9 5.5 8.3#

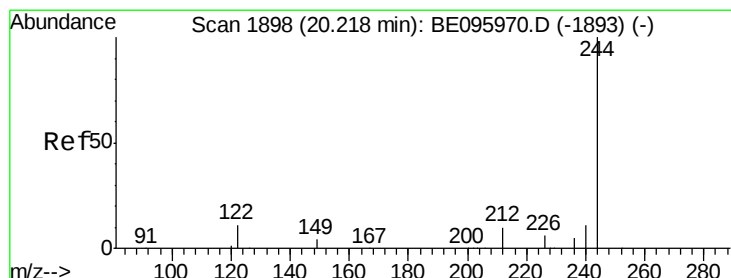
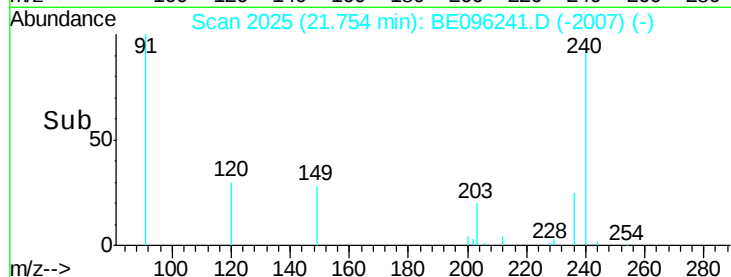
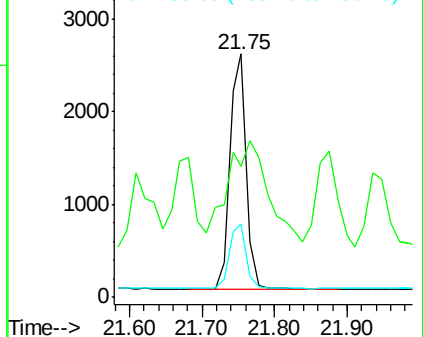
236 30.0 20.7 31.1



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: 0.595 ng

RT: 20.19 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BE096241.D

Acq: 1 May 2018 2:45

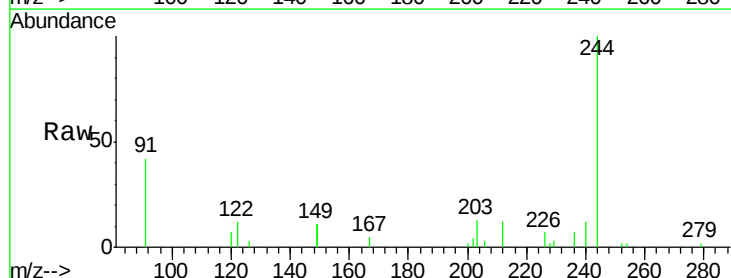
Tgt Ion:244 Resp: 5428

Ion Ratio Lower Upper

244 100

212 11.6 25.4 38.0#

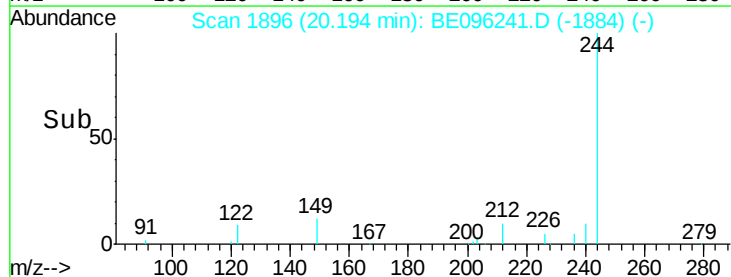
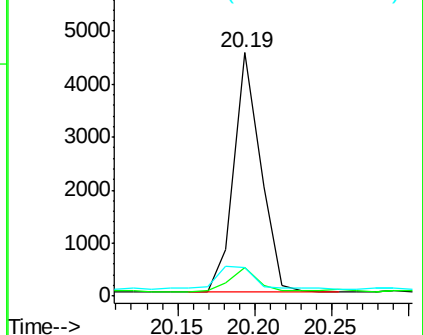
122 11.7 8.1 12.1

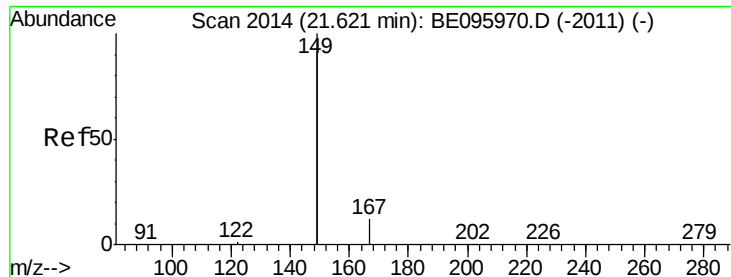


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

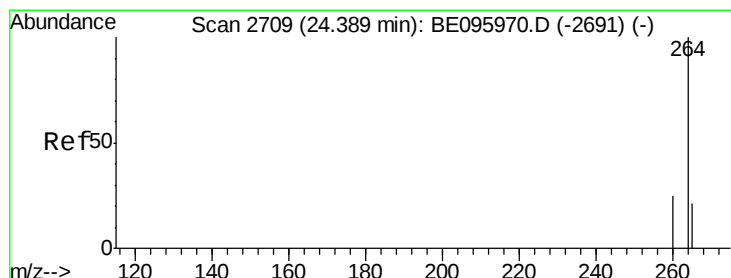
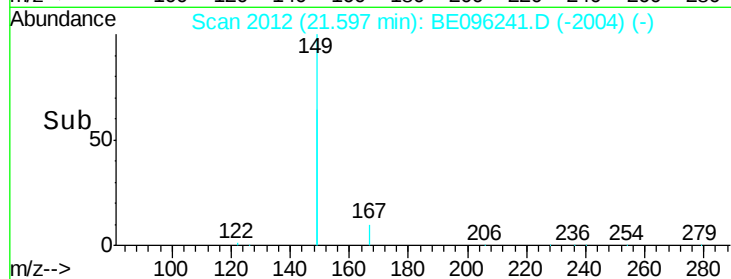
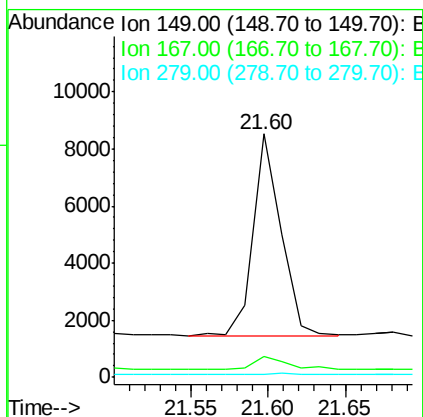
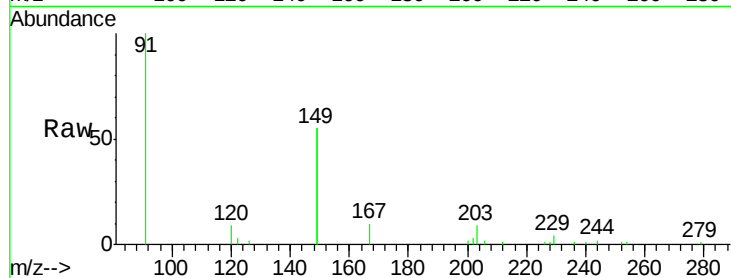




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.257 ng
 RT: 21.60 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BE096241.D
 Acq: 1 May 2018 2:45

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30411-20180425

Tgt Ion:149 Resp: 8787
 Ion Ratio Lower Upper
 149 100
 167 9.5 5.4 8.0#
 279 0.6 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.35 min Scan# 2699
 Delta R.T. 0.00 min
 Lab File: BE096241.D
 Acq: 1 May 2018 2:45

Tgt Ion:264 Resp: 3952
 Ion Ratio Lower Upper
 264 100
 260 27.7 20.5 30.7
 265 38.5 22.8 34.2#

