

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
 Data File : BE096284.D
 Acq On : 2 May 2018 7:24
 Operator : SJ/JU
 Sample : J2641-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20180427

Quant Time: May 02 11:34:18 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

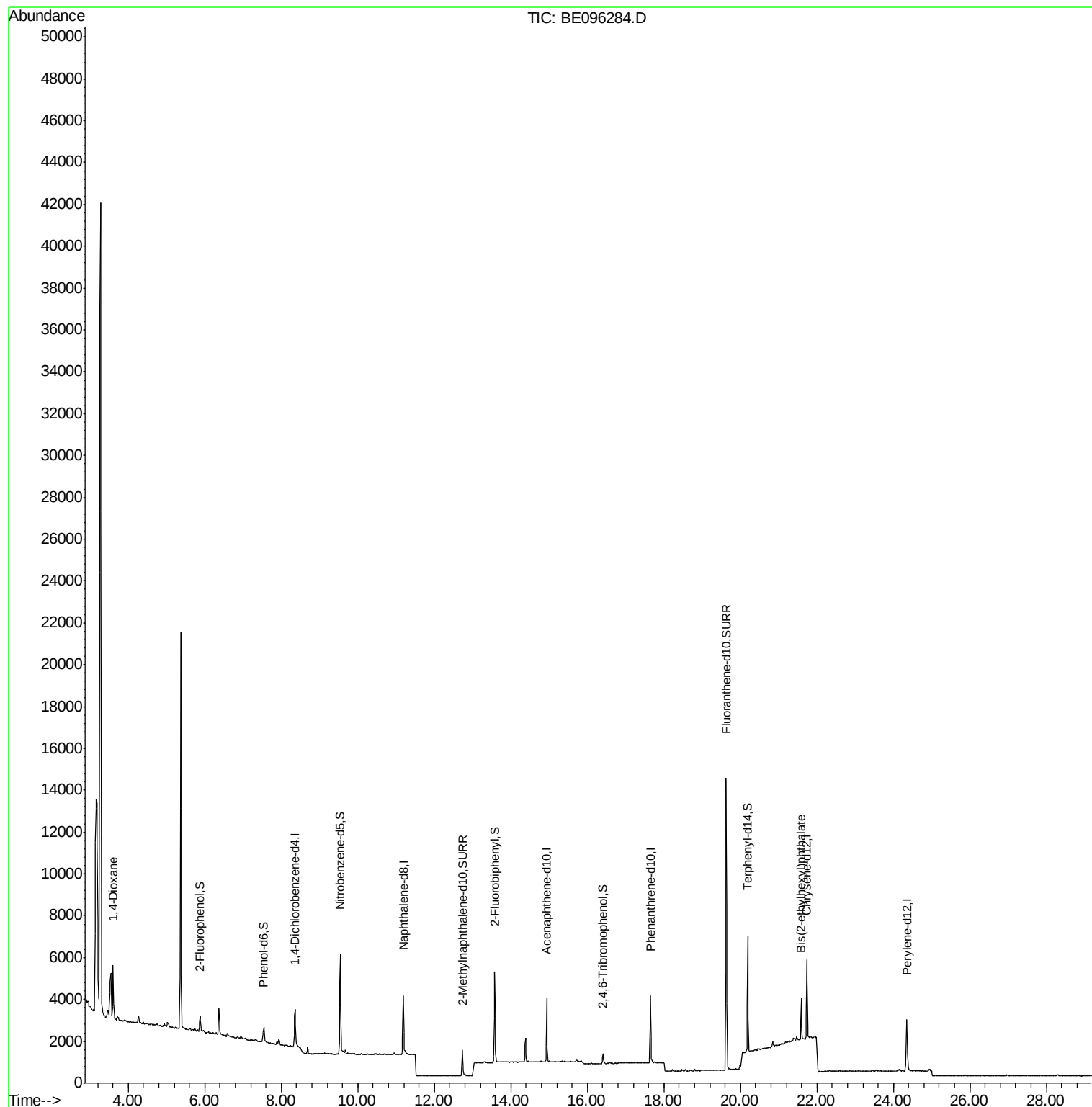
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	924	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3476	0.40	ng	0.00
13) Acenaphthene-d10	14.93	164	1860	0.40	ng	-0.01
19) Phenanthrene-d10	17.65	188	4251	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4076	0.40	ng	0.00
34) Perylene-d12	24.35	264	3938	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	360	0.13	ng	0.01
5) Phenol-d6	7.52	99	309	0.08	ng	0.01
8) Nitrobenzene-d5	9.54	82	1895	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1737	0.32	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	273	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	3945	0.50	ng	0.00
25) Fluoranthene-d10	19.63	212	18534	0.32	ng	0.00
29) Terphenyl-d14	20.19	244	4896	0.54	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.60	88	1823	1.277	ng	91
32) Bis(2-ethylhexyl)phthalate	21.60	149	2318	0.069	ng	100

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

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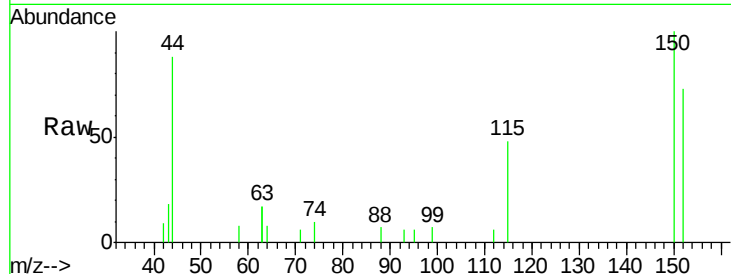


#1

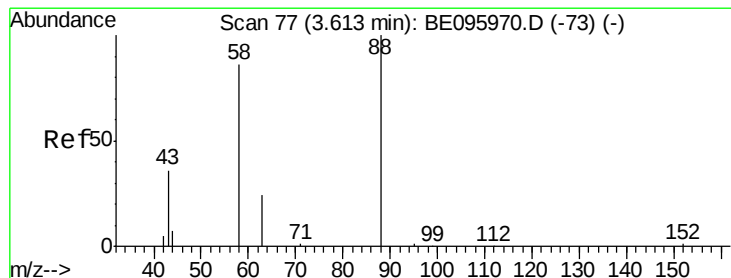
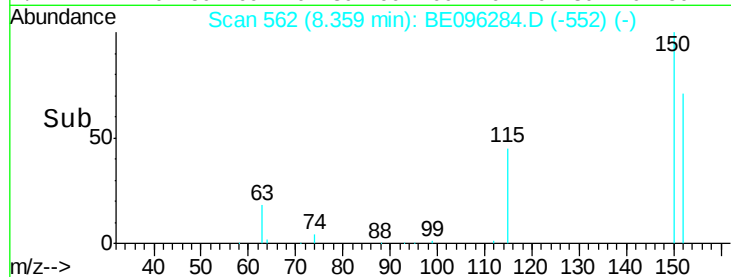
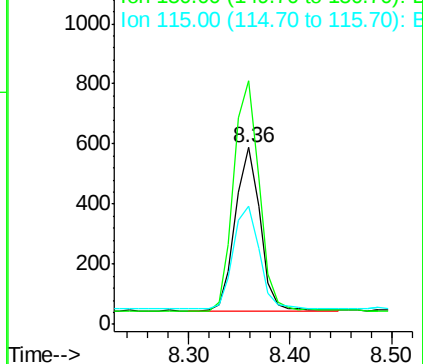
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.36 min Scan# 562
Delta R.T. 0.00 min
Lab File: BE096284.D
Acq: 2 May 2018 7:24

Instrument :
BNA_E
ClientSampleId :
BP-HN-MW24IR-20180427

Tgt Ion: 152 Resp: 924
Ion Ratio Lower Upper
152 100
150 137.5 117.2 175.8
115 66.6 57.0 85.6



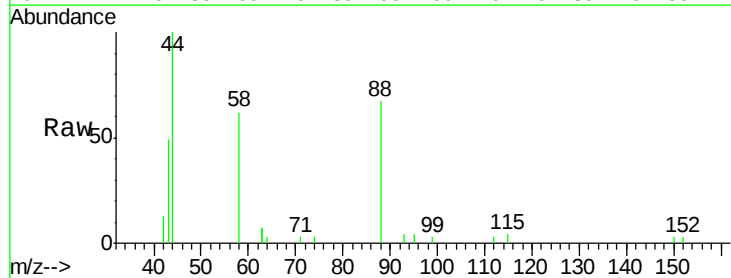
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



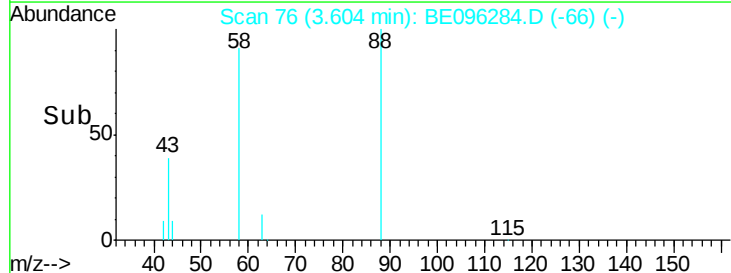
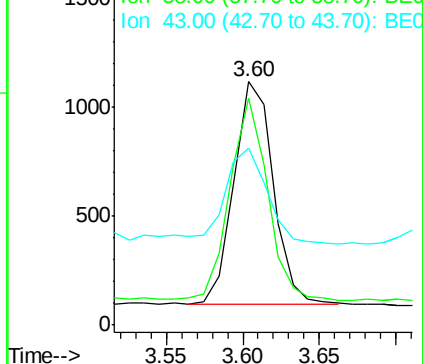
#2

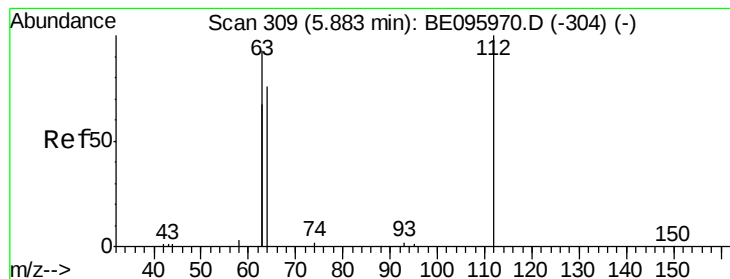
1,4-Dioxane
Concen: 1.277 ng
RT: 3.60 min Scan# 76
Delta R.T. 0.00 min
Lab File: BE096284.D
Acq: 2 May 2018 7:24

Tgt Ion: 88 Resp: 1823
Ion Ratio Lower Upper
88 100
58 86.6 63.2 94.8
43 45.3 41.2 61.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.126 ng

RT: 5.87 min Scan# 308

Delta R.T. 0.01 min

Lab File: BE096284.D

Acq: 2 May 2018 7:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20180427

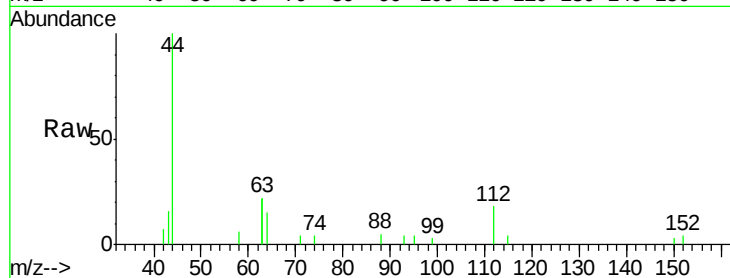
Tgt Ion: 112 Resp: 360

Ion Ratio Lower Upper

112 100

64 75.6 60.1 90.1

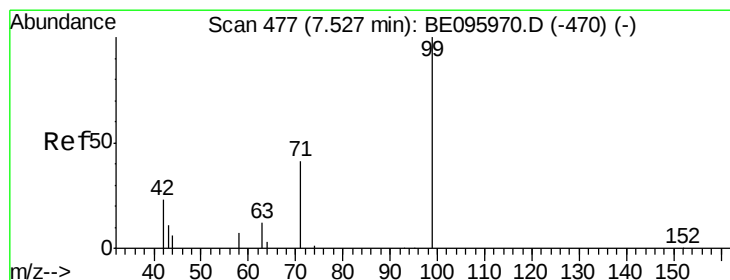
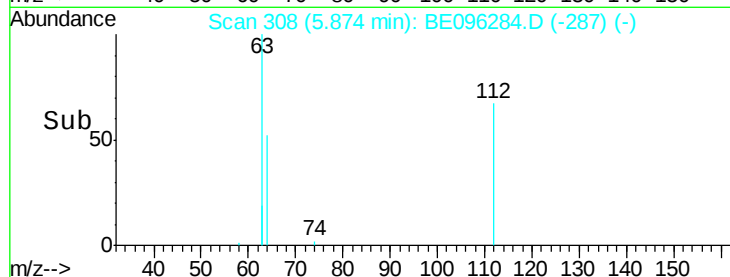
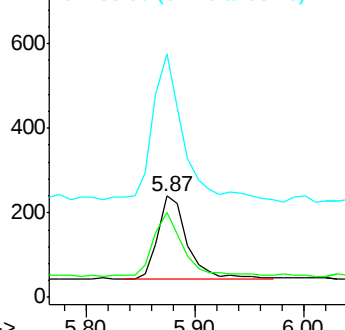
63 203.3 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.078 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096284.D

Acq: 2 May 2018 7:24

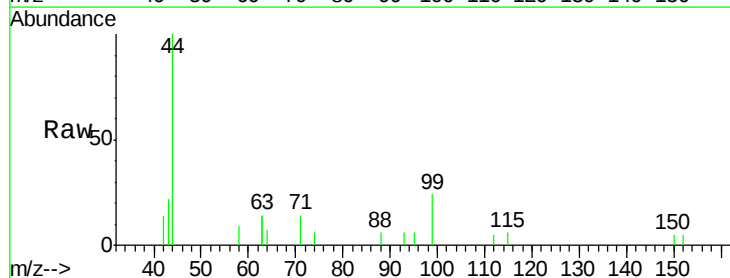
Tgt Ion: 99 Resp: 309

Ion Ratio Lower Upper

99 100

42 33.0 20.2 30.2#

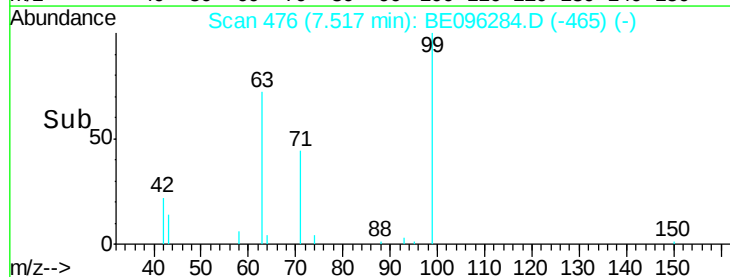
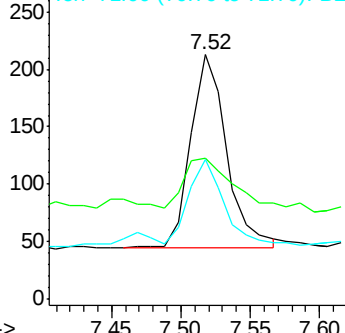
71 40.8 28.4 42.6



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: BE096284.D

Acq: 2 May 2018 7:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20180427

Tgt Ion: 136 Resp: 3476

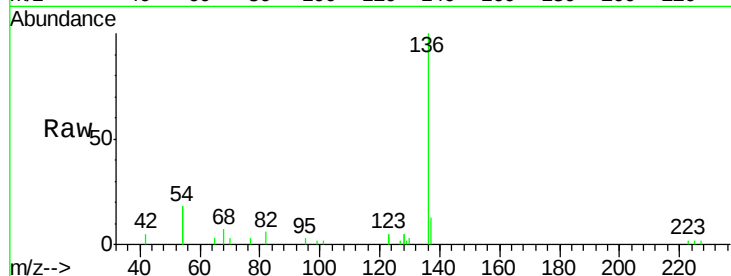
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 36.6 29.1 43.7

68 6.8 6.2 9.2

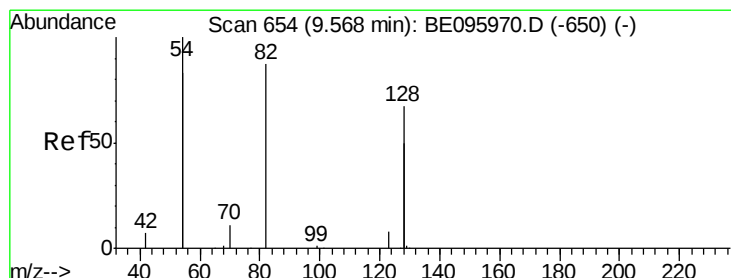
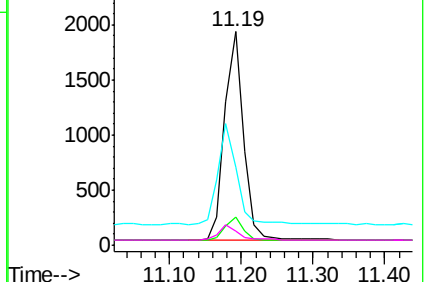
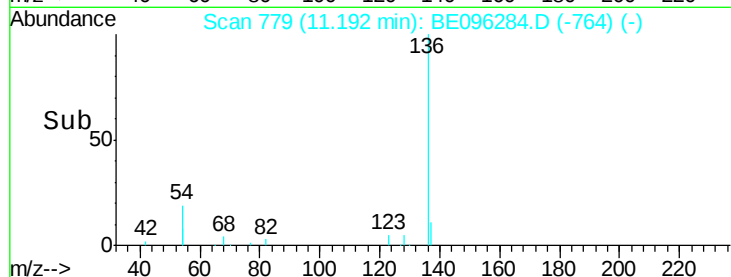


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.465 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096284.D

Acq: 2 May 2018 7:24

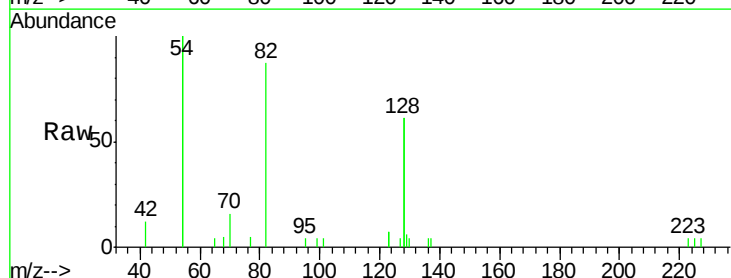
Tgt Ion: 82 Resp: 1895

Ion Ratio Lower Upper

82 100

128 139.9 150.0 225.0#

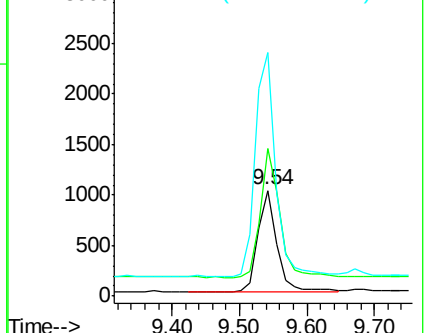
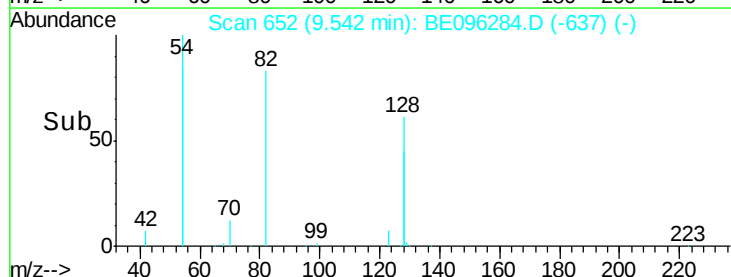
54 230.0 154.2 231.4

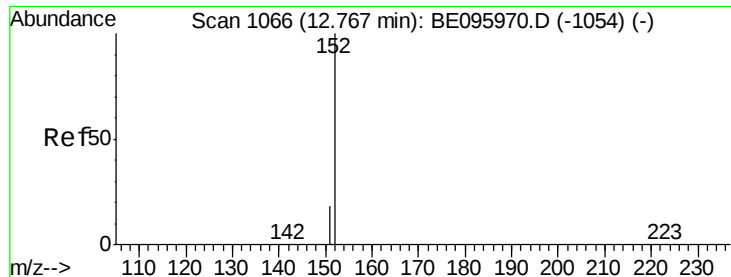


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

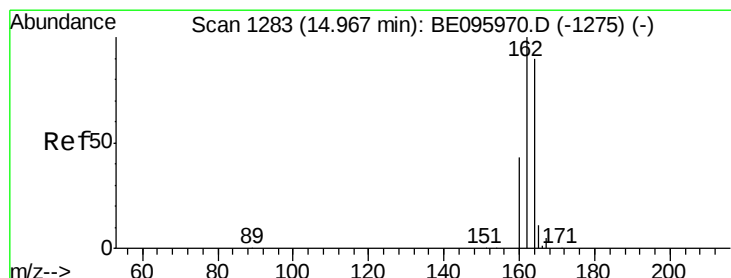
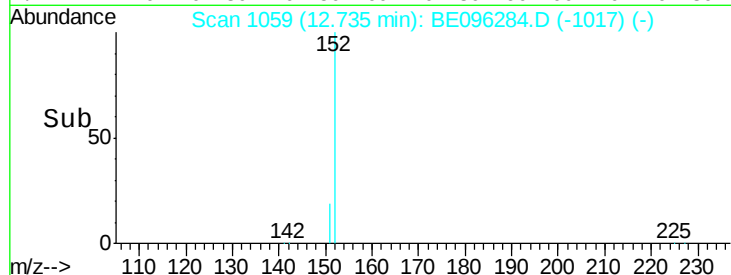
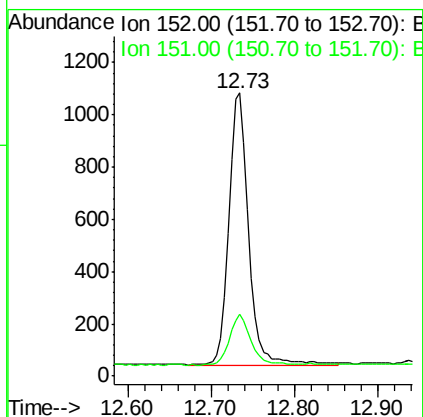
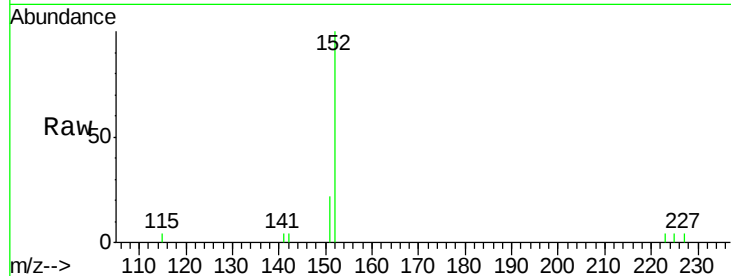




#11
 2-Methylnaphthalene-d10
 Concen: 0.315 ng
 RT: 12.73 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BE096284.D
 Acq: 2 May 2018 7:24

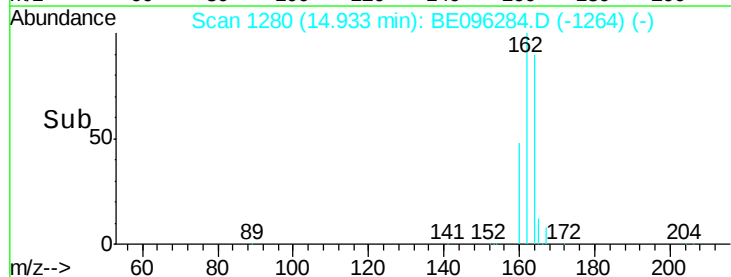
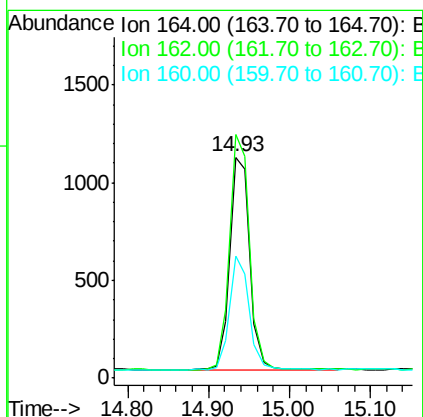
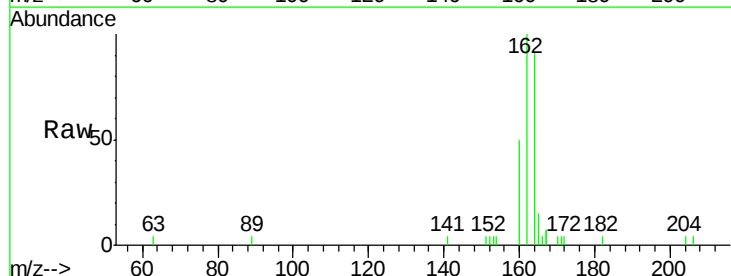
Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20180427

Tgt Ion:152 Resp: 1737
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.93 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BE096284.D
 Acq: 2 May 2018 7:24

Tgt Ion:164 Resp: 1860
 Ion Ratio Lower Upper
 164 100
 162 110.2 83.1 124.7
 160 55.2 37.1 55.7

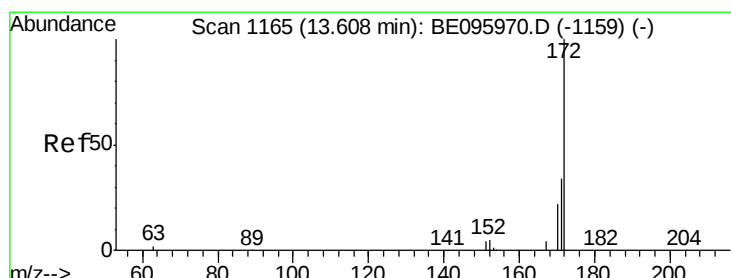
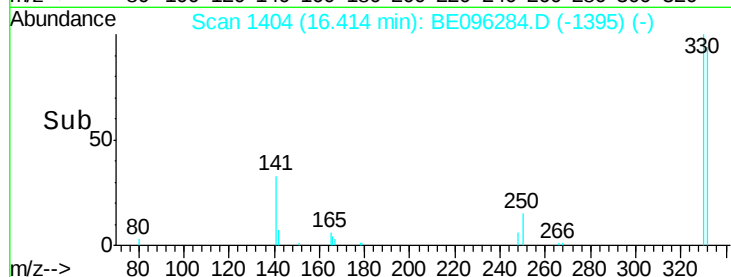
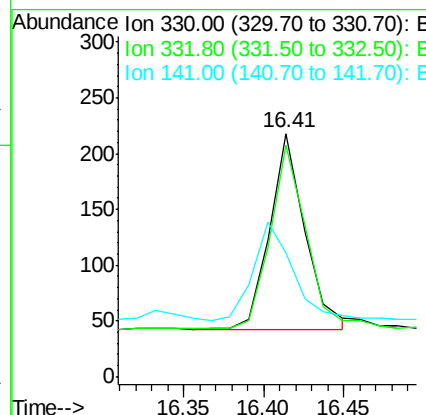
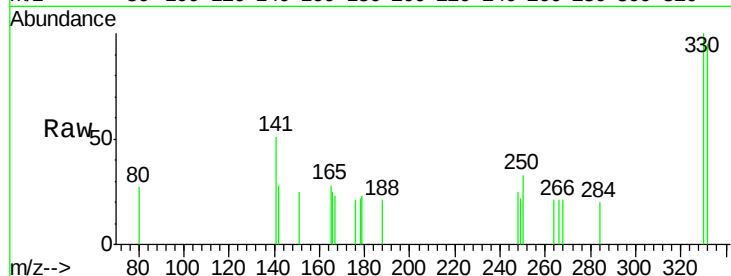




#14
 2,4,6-Tribromophenol
 Concen: 0.304 ng
 RT: 16.41 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BE096284.D
 Acq: 2 May 2018 7:24

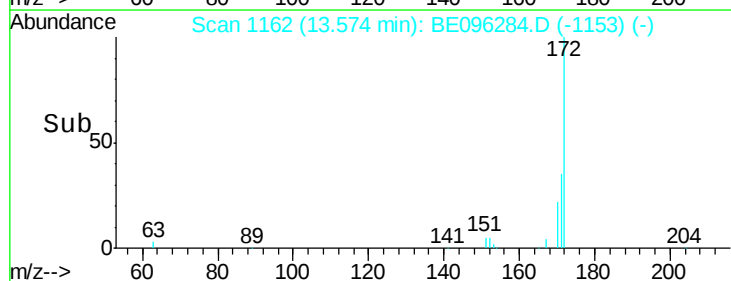
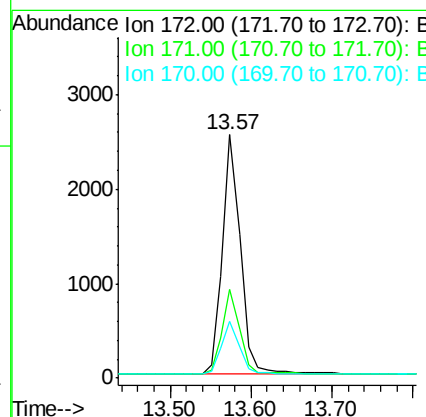
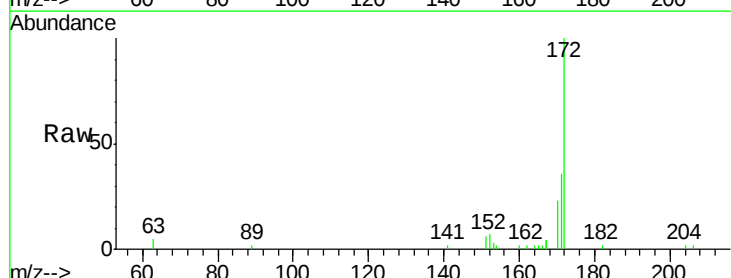
Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20180427

Tgt Ion: 330 Resp: 273
 Ion Ratio Lower Upper
 330 100
 332 93.4 152.7 229.1#
 141 56.4 33.7 50.5#



#15
 2-Fluorobiphenyl
 Concen: 0.496 ng
 RT: 13.57 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BE096284.D
 Acq: 2 May 2018 7:24

Tgt Ion: 172 Resp: 3945
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.9 44.9
 170 23.1 21.8 32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096284.D

Acq: 2 May 2018 7:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20180427

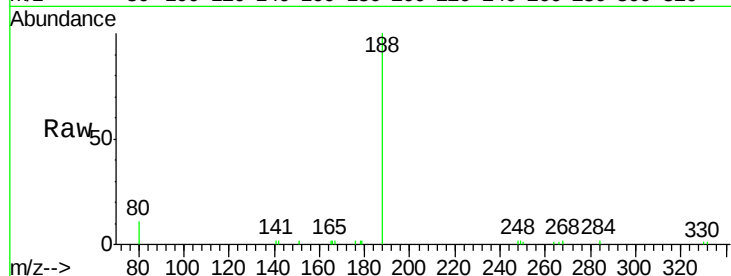
Tgt Ion:188 Resp: 4251

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

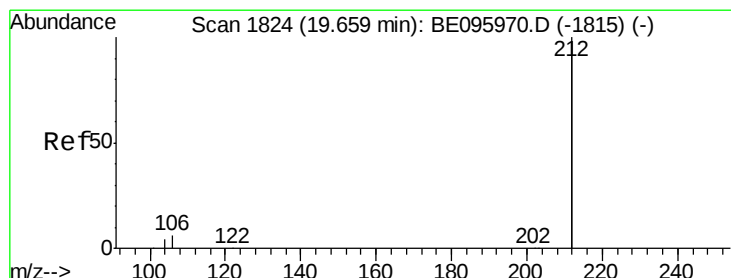
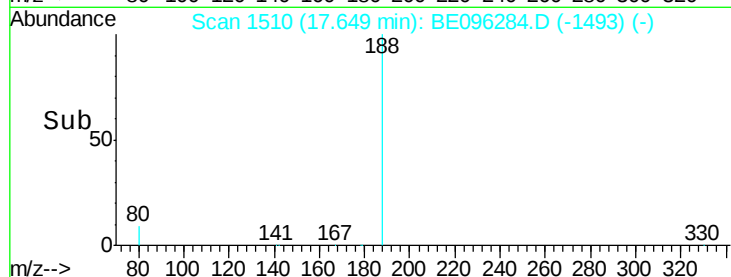
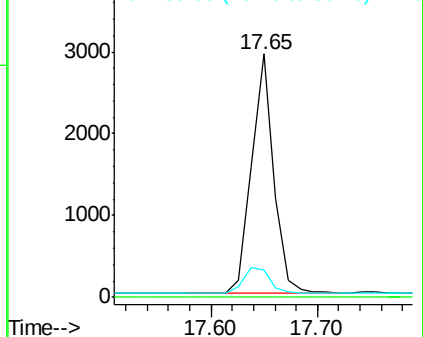
80 11.0 3.6 5.4#



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



#25

Fluoranthene-d10

Concen: 0.321 ng

RT: 19.63 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BE096284.D

Acq: 2 May 2018 7:24

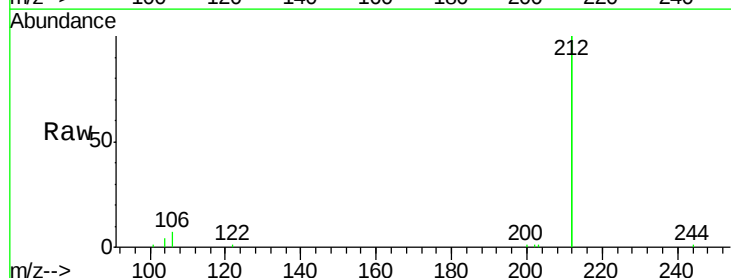
Tgt Ion:212 Resp: 18534

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

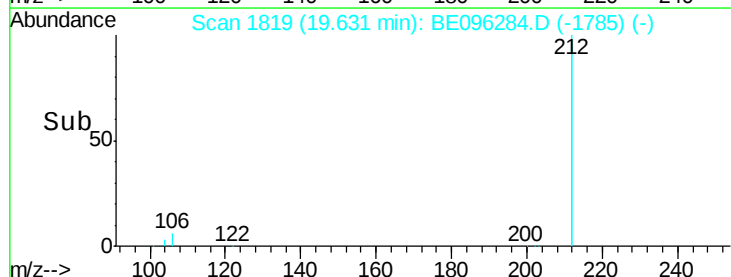
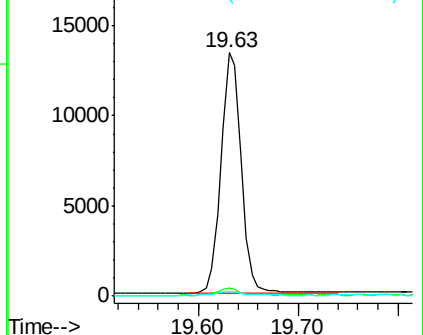
104 1.8 1.6 2.4

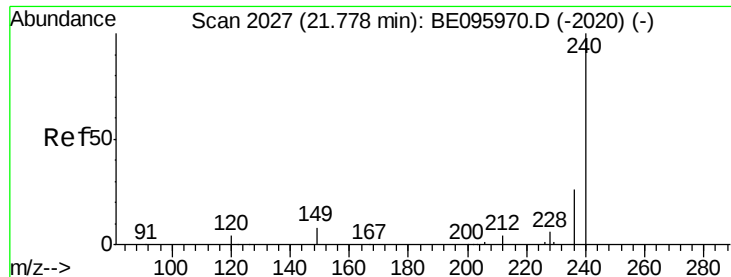


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096284.D

Acq: 2 May 2018 7:24

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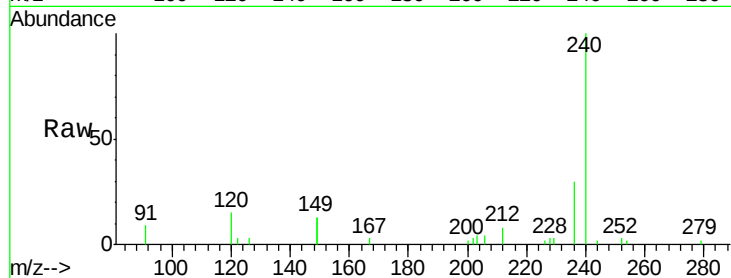
Tgt Ion:240 Resp: 4076

Ion Ratio Lower Upper

240 100

120 15.1 5.5 8.3#

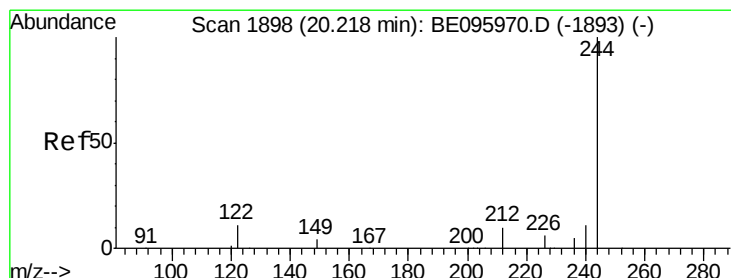
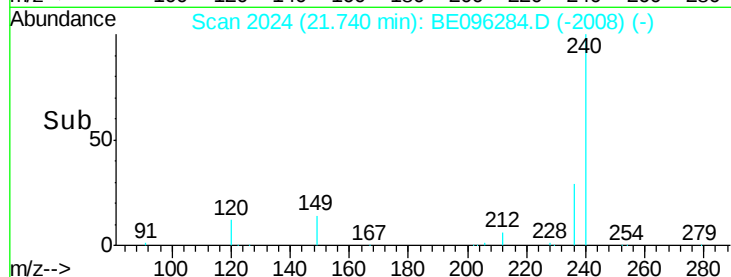
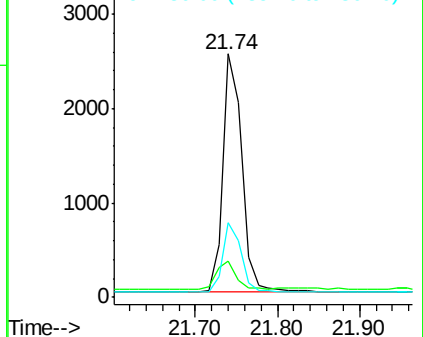
236 30.4 20.7 31.1



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: 0.544 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096284.D

Acq: 2 May 2018 7:24

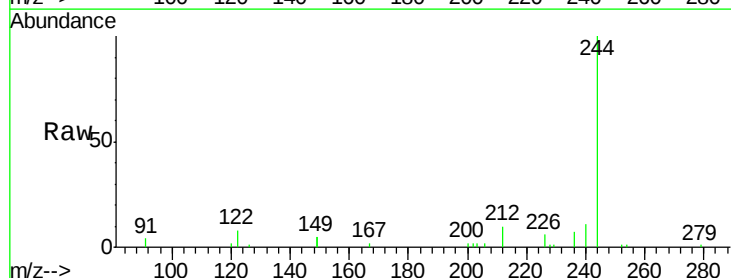
Tgt Ion:244 Resp: 4896

Ion Ratio Lower Upper

244 100

212 10.2 25.4 38.0#

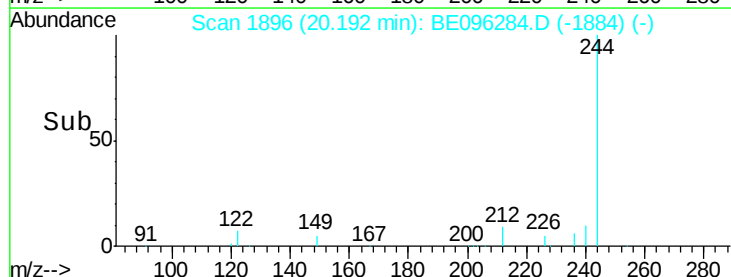
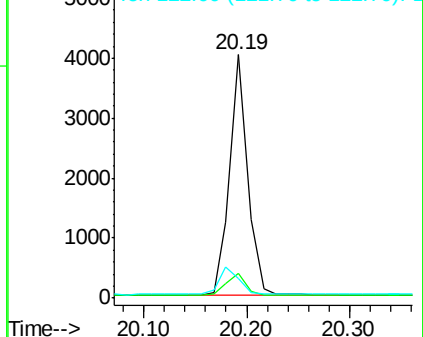
122 8.3 8.1 12.1

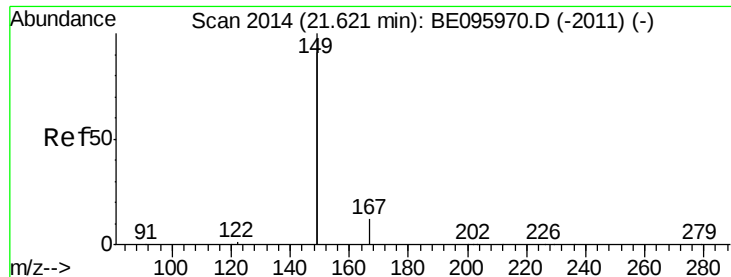


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.069 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096284.D

Acq: 2 May 2018 7:24

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20180427

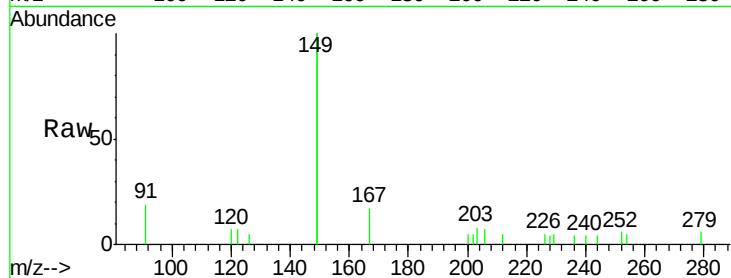
Tgt Ion:149 Resp: 2318

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

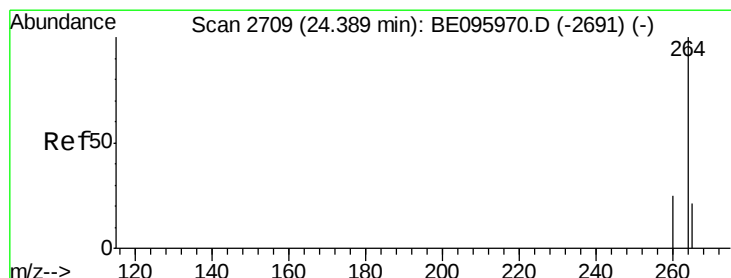
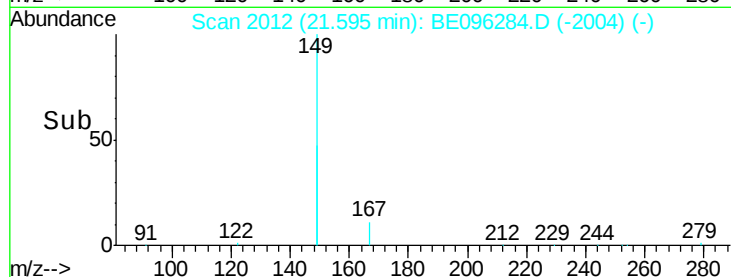
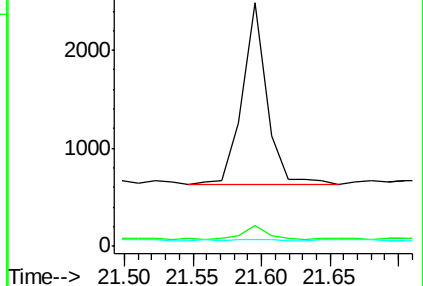
279 1.0 0.7 1.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BE096284.D

Acq: 2 May 2018 7:24

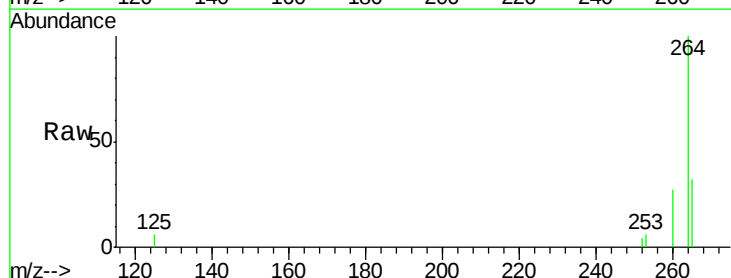
Tgt Ion:264 Resp: 3938

Ion Ratio Lower Upper

264 100

260 26.9 20.5 30.7

265 31.8 22.8 34.2



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

