

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031919\
 Data File : BE099051.D
 Acq On : 20 Mar 2019 1:30
 Operator : JU/SJ
 Sample : K1965-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20190315

Quant Time: Mar 20 05:46:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	804	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3091	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2271	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5090	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6176	0.40	ng	0.00
34) Perylene-d12	23.89	264	5478	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	456	0.19	ng	0.03
5) Phenol-d6	6.99	99	380	0.11	ng	0.00
8) Nitrobenzene-d5	8.99	82	1365	0.42	ng	0.03
11) 2-Methylnaphthalene-d10	12.20	152	2681	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	414	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4388	0.47	ng	0.00
25) Fluoranthene-d10	19.24	212	37123	0.46	ng	0.00
29) Terphenyl-d14	19.83	244	6794	0.45	ng	-0.01

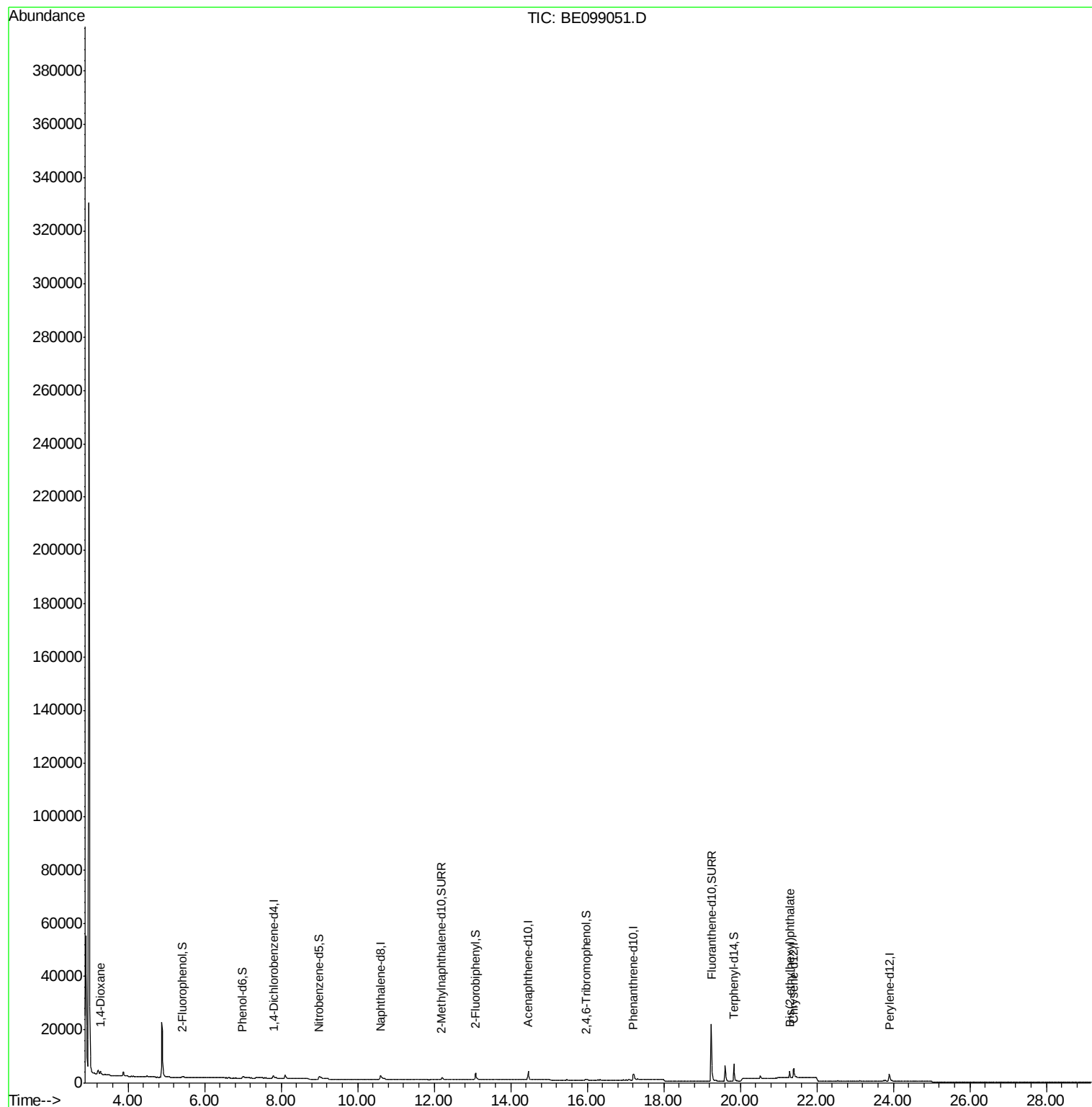
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	654	0.424	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.29	149	3040	0.074	ng	# 99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE099051.D

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BP-HN-MW24IR-20190315

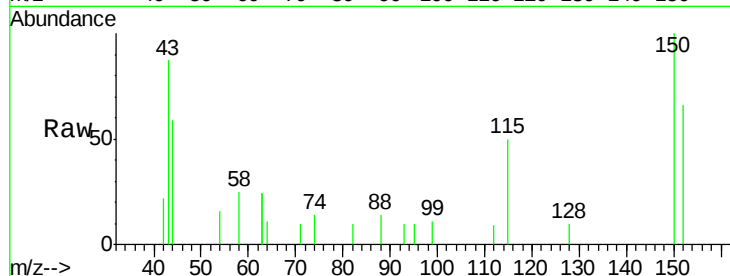
Tgt Ion: 152 Resp: 804

Ion Ratio Lower Upper

152 100

150 150.6 122.5 183.7

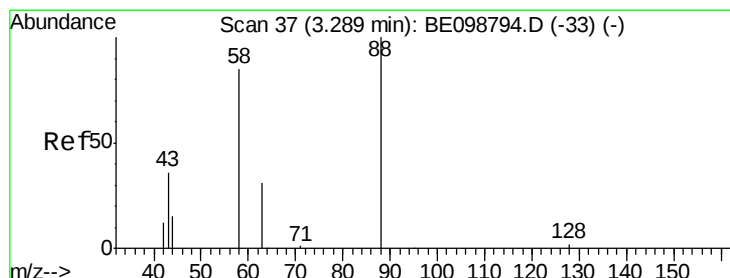
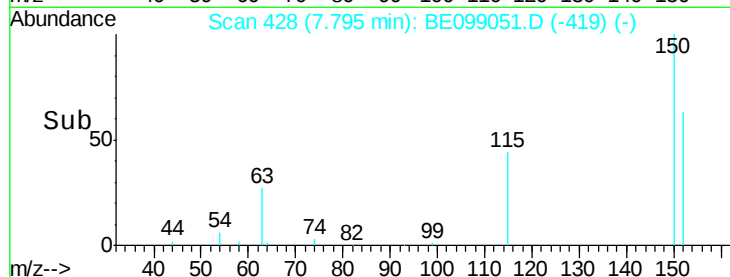
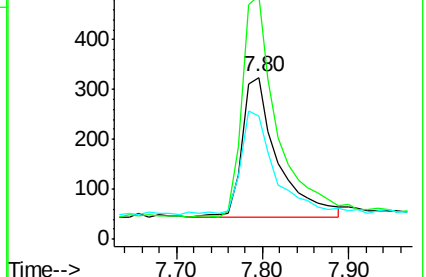
115 75.9 57.4 86.2



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: 0.424 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

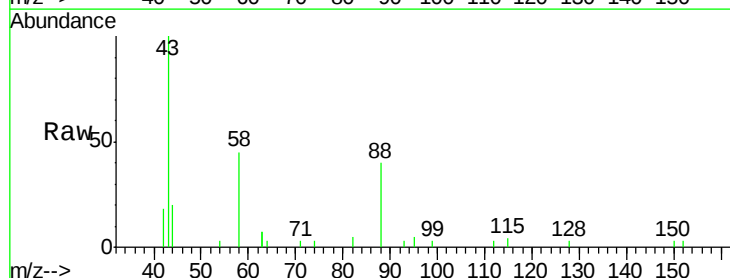
Tgt Ion: 88 Resp: 654

Ion Ratio Lower Upper

88 100

58 90.2 75.8 113.6

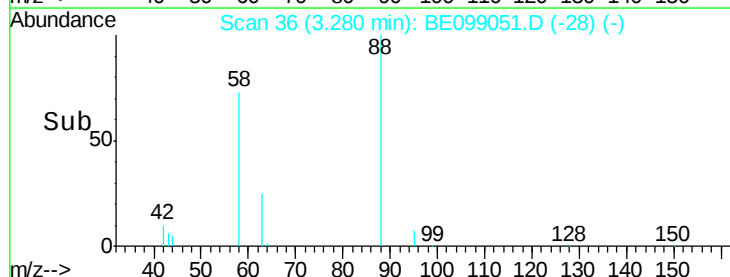
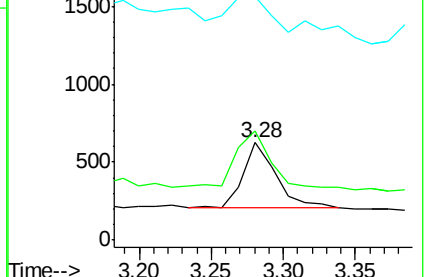
43 65.7 41.8 62.8#

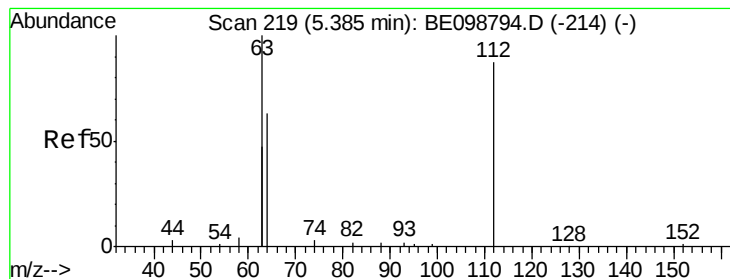


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.190 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE099051.D

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BP-HN-MW24IR-20190315

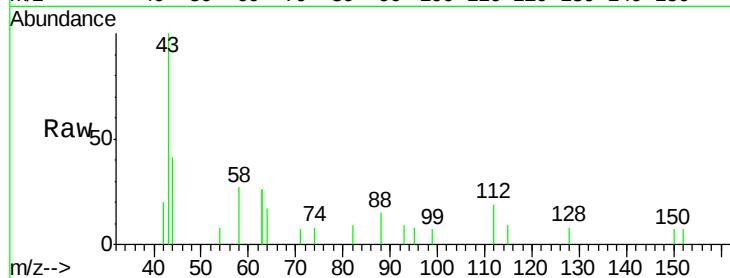
Tgt Ion: 112 Resp: 456

Ion Ratio Lower Upper

112 100

64 81.6 57.9 86.9

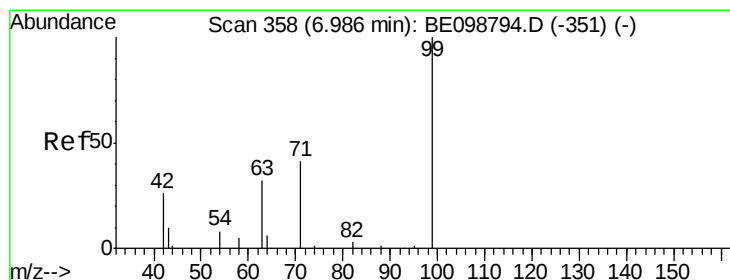
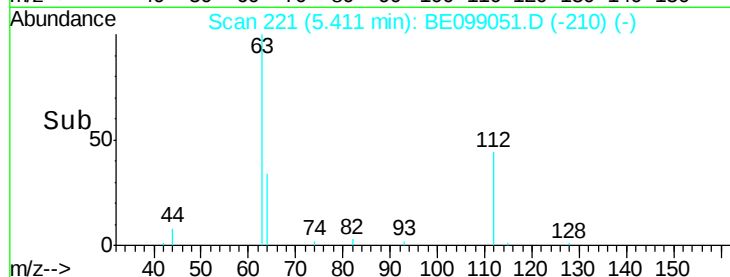
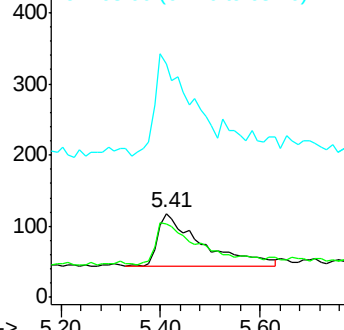
63 157.2 158.3 237.5#



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: 0.112 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

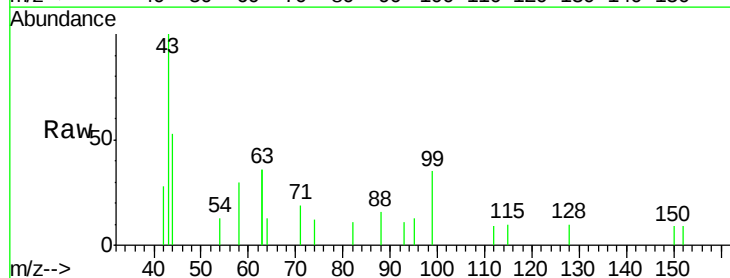
Tgt Ion: 99 Resp: 380

Ion Ratio Lower Upper

99 100

42 57.4 24.2 36.2#

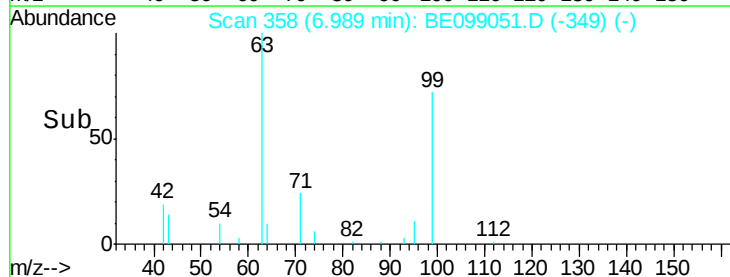
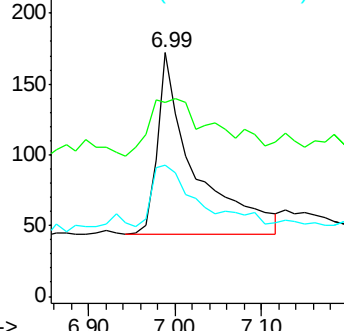
71 43.7 35.7 53.5



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: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20190315

Tgt Ion: 136 Resp: 3091

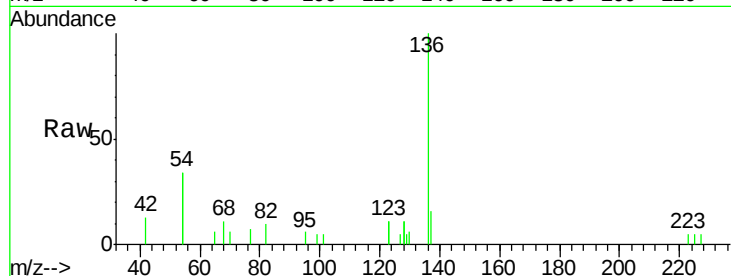
Ion Ratio Lower Upper

136 100

137 16.4 11.4 17.0

54 68.2 39.3 58.9#

68 11.4 6.7 10.1#

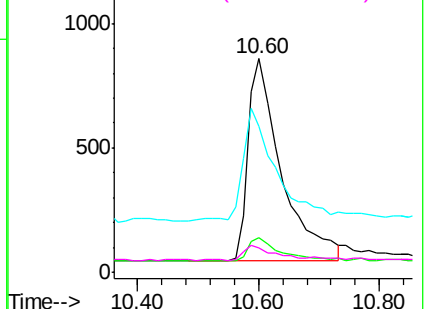
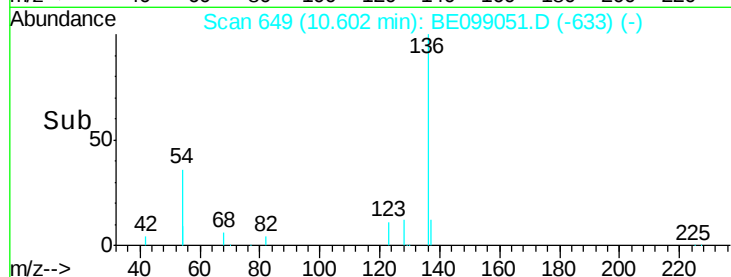


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

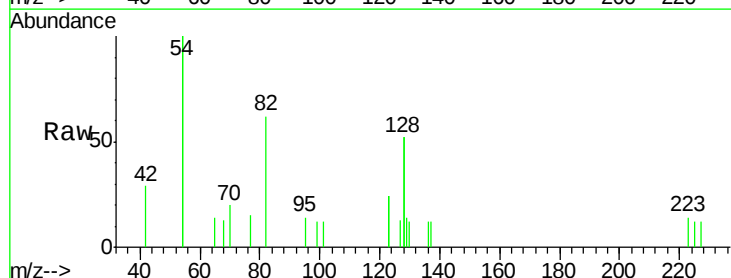
Tgt Ion: 82 Resp: 1365

Ion Ratio Lower Upper

82 100

128 169.0 123.8 185.8

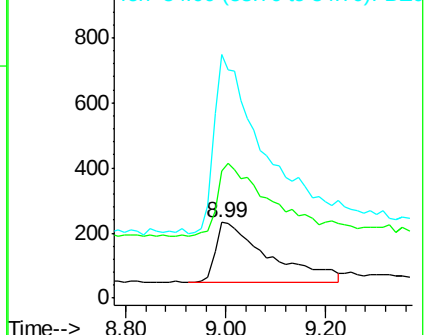
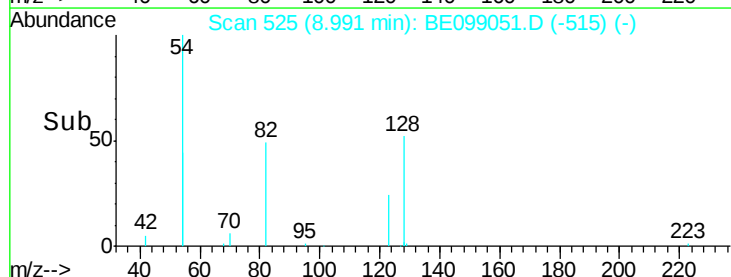
54 322.4 203.4 305.2#

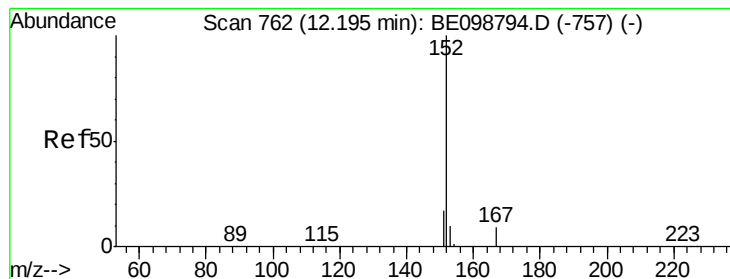


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.469 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

Instrument :

BNA_E

ClientSampleId :

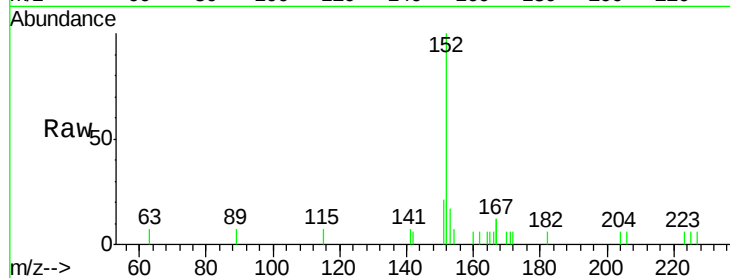
BP-HN-MW24IR-20190315

Tgt Ion:152 Resp: 2681

Ion Ratio Lower Upper

152 100

151 18.4 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.20

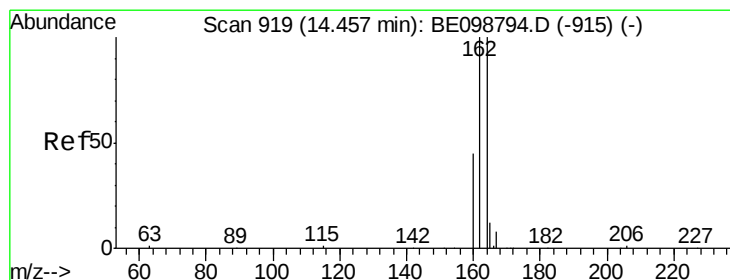
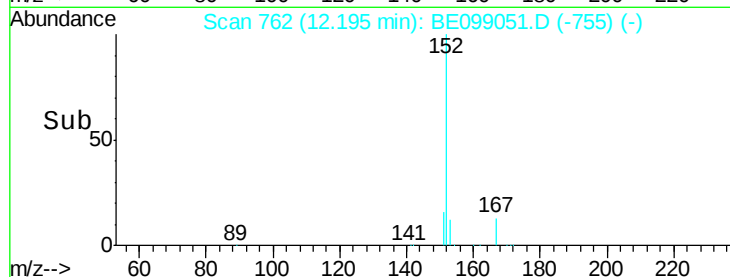
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

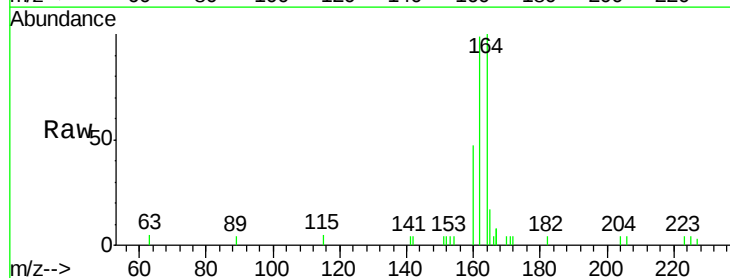
Tgt Ion:164 Resp: 2271

Ion Ratio Lower Upper

164 100

162 99.4 80.2 120.2

160 47.2 37.8 56.8



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

14.46

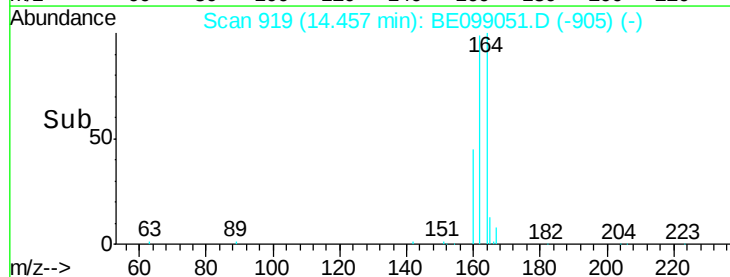
1500

1000

500

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.361 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW24IR-20190315

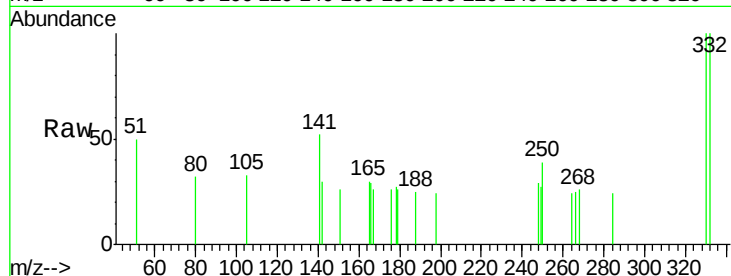
Tgt Ion:330 Resp: 414

Ion Ratio Lower Upper

330 100

332 102.9 77.6 116.4

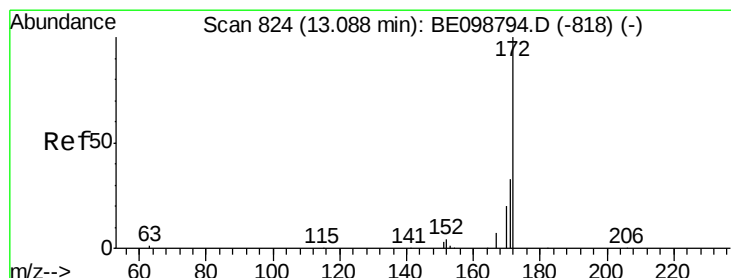
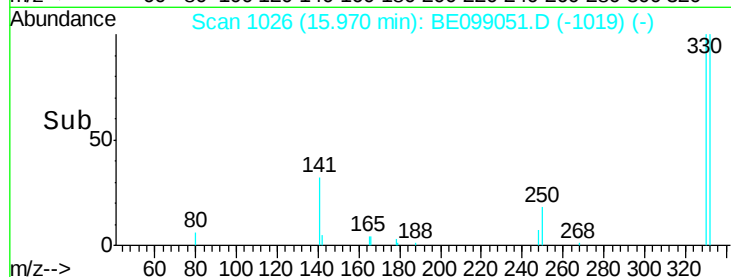
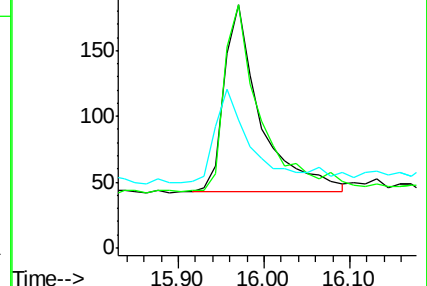
141 47.3 31.0 46.4#



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: 0.467 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

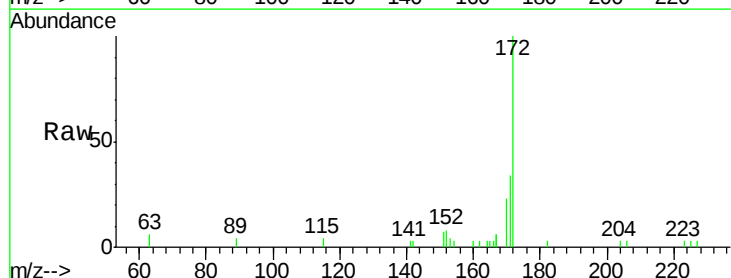
Tgt Ion:172 Resp: 4388

Ion Ratio Lower Upper

172 100

171 33.9 28.0 42.0

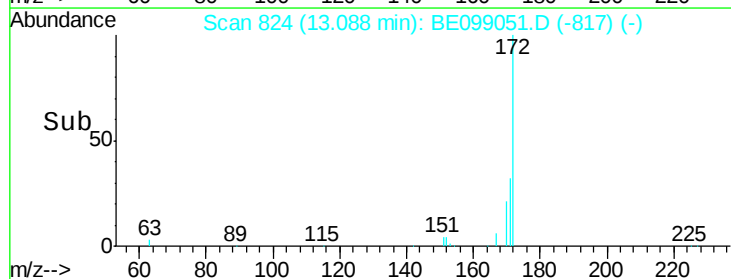
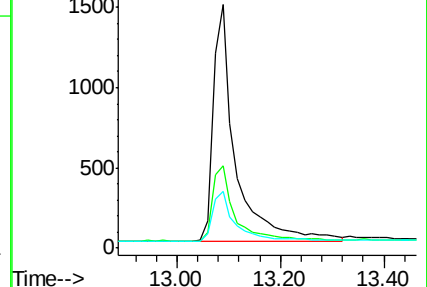
170 23.1 17.7 26.5

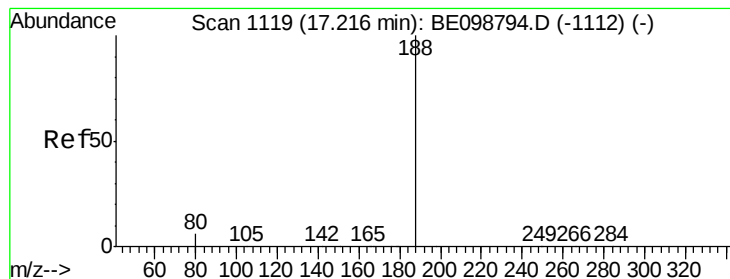


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

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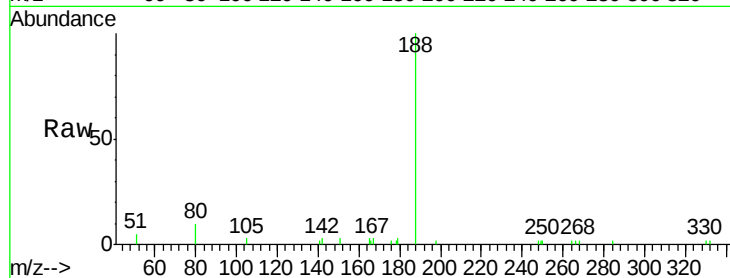
Tgt Ion:188 Resp: 5090

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

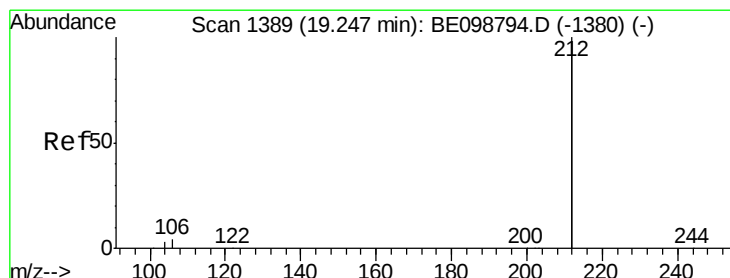
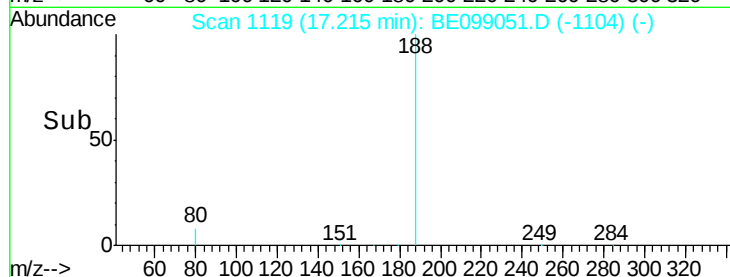
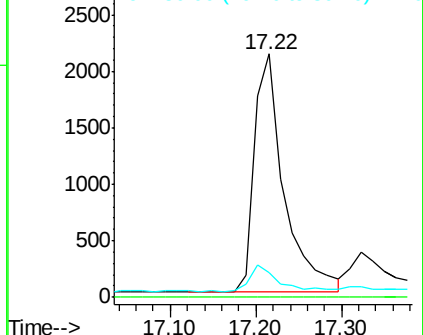
80 10.3 6.3 9.5#



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: 0.457 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

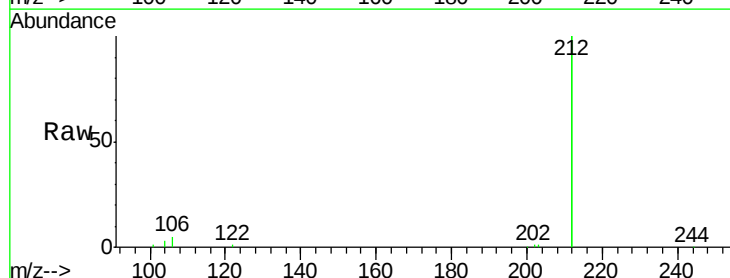
Tgt Ion:212 Resp: 37123

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

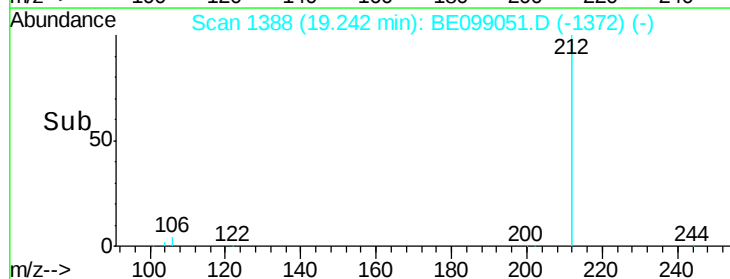
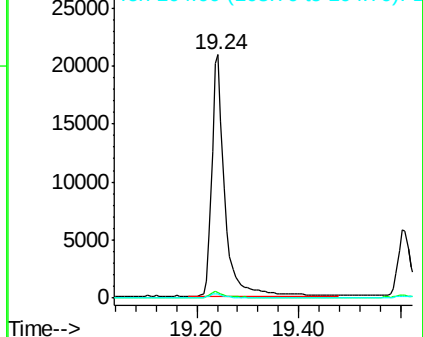
104 1.5 1.0 1.6



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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099051.D

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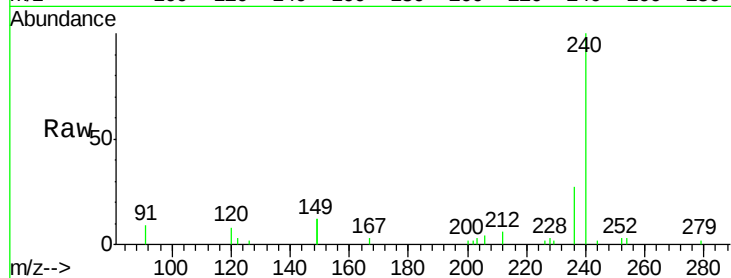
Tgt Ion:240 Resp: 6176

Ion Ratio Lower Upper

240 100

120 8.1 5.0 7.4#

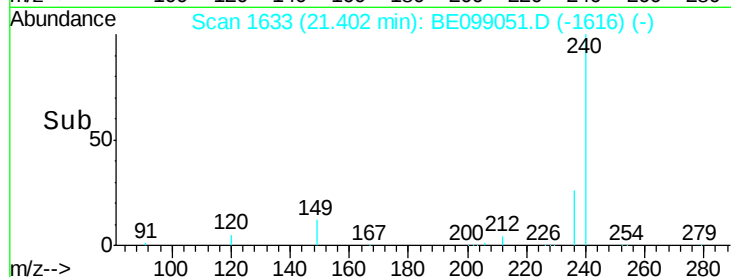
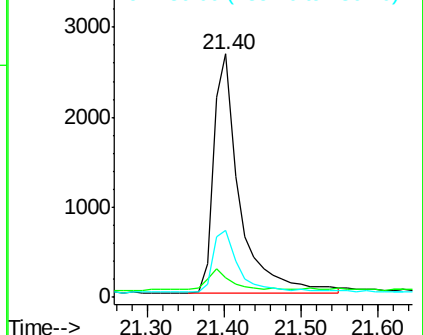
236 27.3 22.7 34.1



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: 0.453 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099051.D

Acq: 20 Mar 2019 1:30

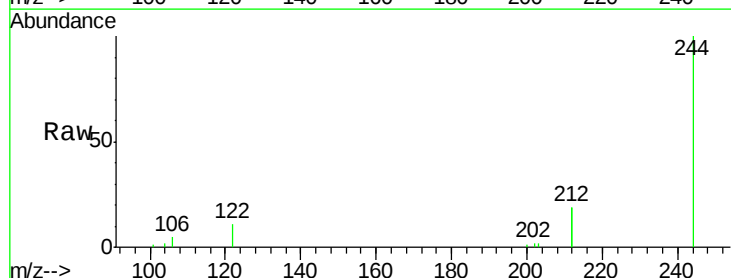
Tgt Ion:244 Resp: 6794

Ion Ratio Lower Upper

244 100

212 38.9 29.4 44.2

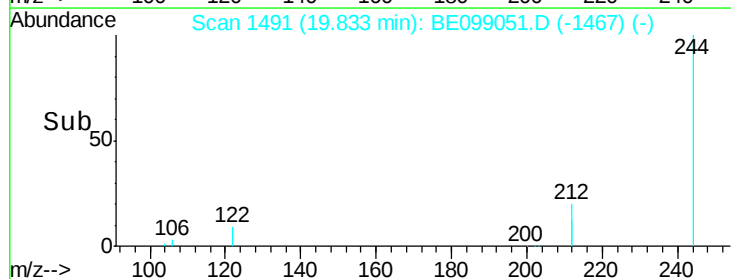
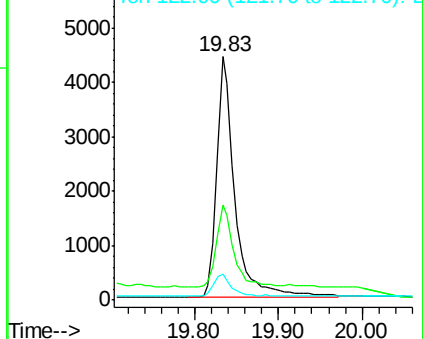
122 10.8 7.1 10.7#



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

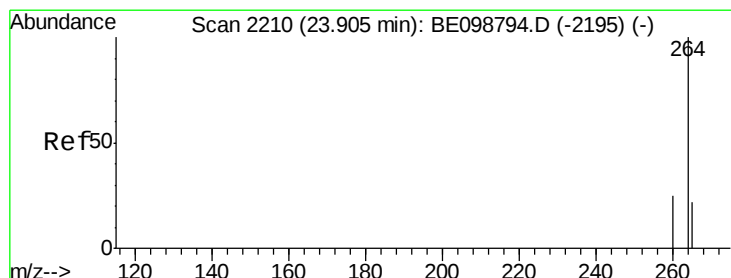
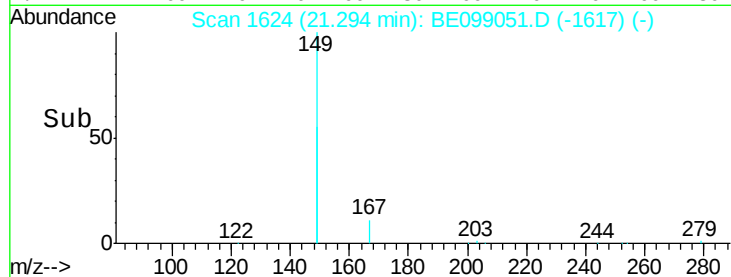
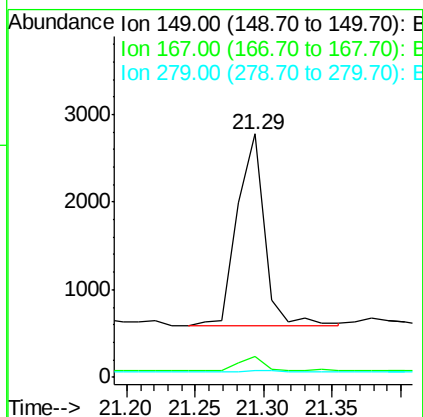
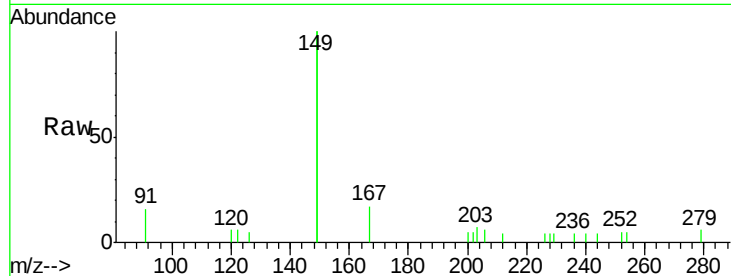




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099051.D
 Acq: 20 Mar 2019 1:30

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW24IR-20190315

Tgt Ion: 149 Resp: 3040
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.4 8.0
 279 1.9 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.89 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: BE099051.D
 Acq: 20 Mar 2019 1:30

Tgt Ion: 264 Resp: 5478
 Ion Ratio Lower Upper
 264 100
 260 26.6 21.2 31.8
 265 32.0 24.6 36.8

