

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE031419\
 Data File : BE098959.D
 Acq On : 15 Mar 2019 00:50
 Operator : JU/SJ
 Sample : K1900-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-HN-MW271-20190312

Quant Time: Mar 15 05:33:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

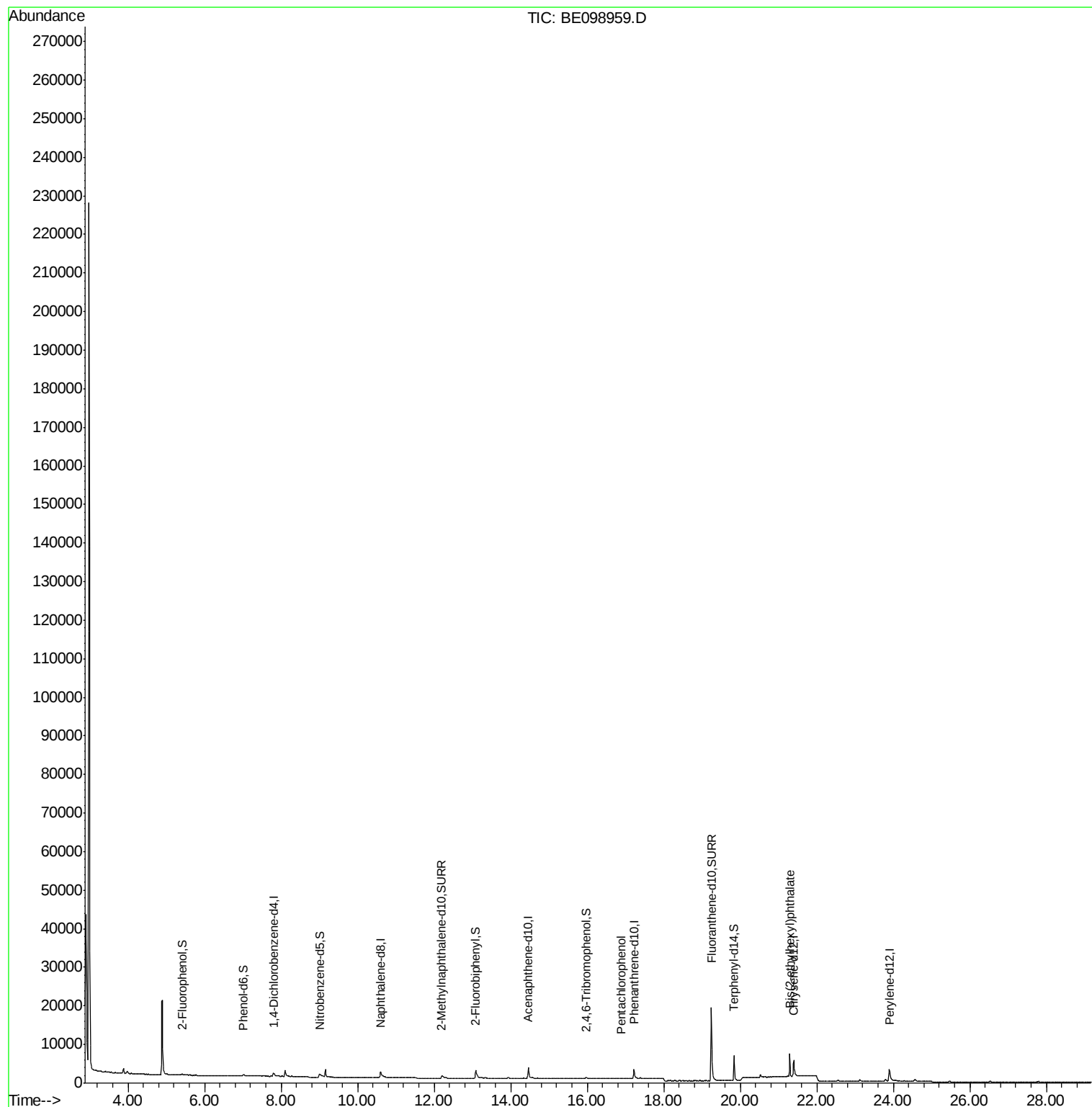
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	802	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3243	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2351	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5426	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6441	0.40	ng	0.00
34) Perylene-d12	23.90	264	6167	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	399	0.17	ng	0.03
5) Phenol-d6	7.00	99	321	0.09	ng	0.01
8) Nitrobenzene-d5	9.00	82	1229	0.36	ng	0.04
11) 2-Methylnaphthalene-d10	12.19	152	2522	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	419	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4129	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	33674	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	6863	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.23	88	39	Below Cal		Qvalue # 11
22) Pentachlorophenol	16.88	266	6	0.270	ng	85
32) Bis(2-ethylhexyl)phthalate	21.29	149	6325	0.148	ng	99

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

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QLast Update : Wed Mar 06 15:33:24 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW271-20190312

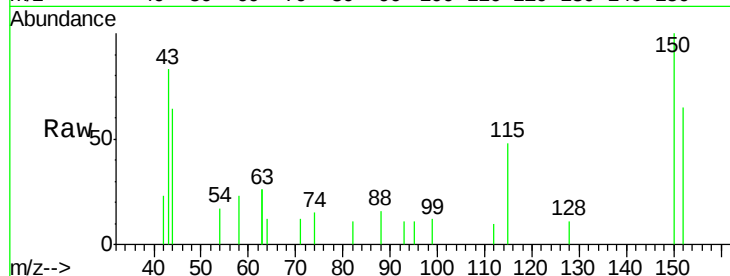
Tgt Ion:152 Resp: 802

Ion Ratio Lower Upper

152 100

150 154.2 122.5 183.7

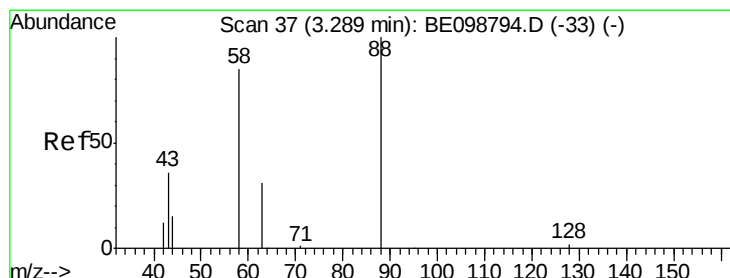
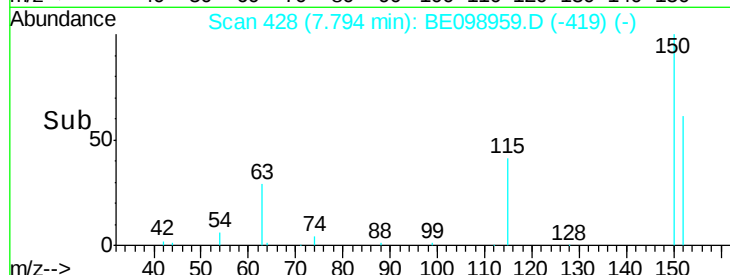
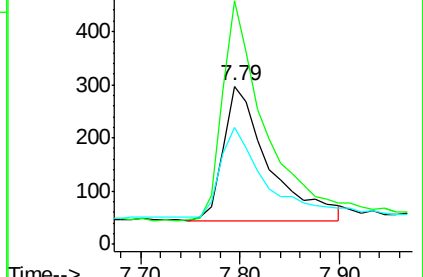
115 73.7 57.4 86.2



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: Below Cal

RT: 3.23 min Scan# 32

Delta R.T. -0.05 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

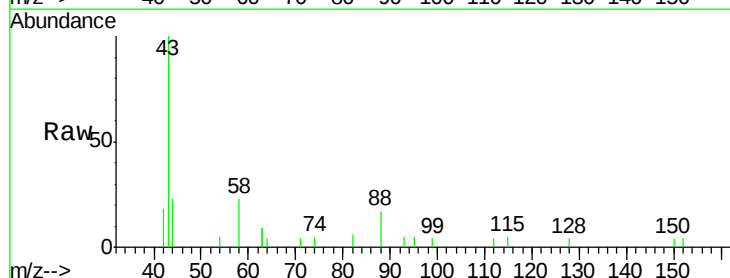
Tgt Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

58 0.0 75.8 113.6#

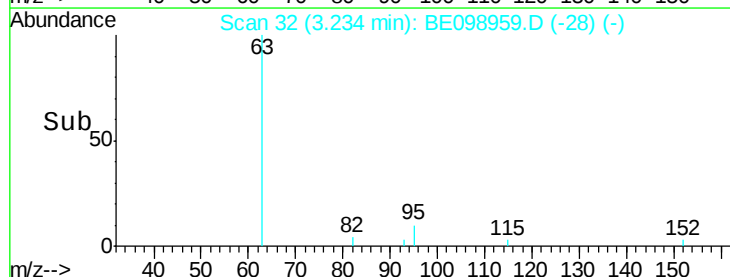
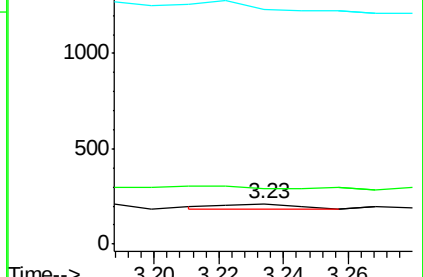
43 0.0 41.8 62.8#



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: 0.166 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW271-20190312

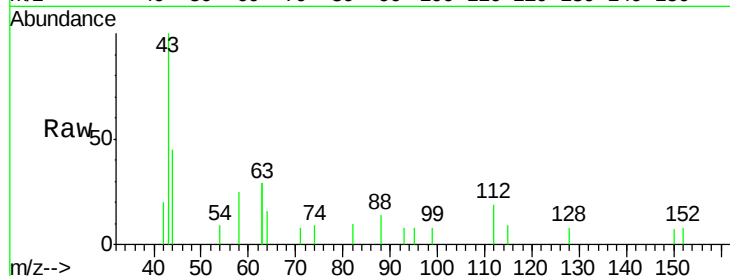
Tgt Ion: 112 Resp: 399

Ion Ratio Lower Upper

112 100

64 70.4 57.9 86.9

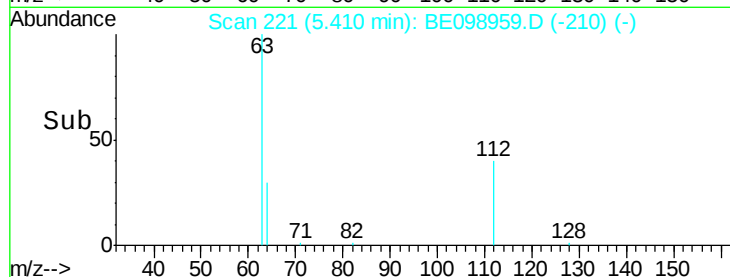
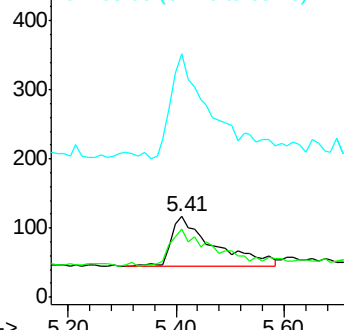
63 211.0 158.3 237.5



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: 0.095 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

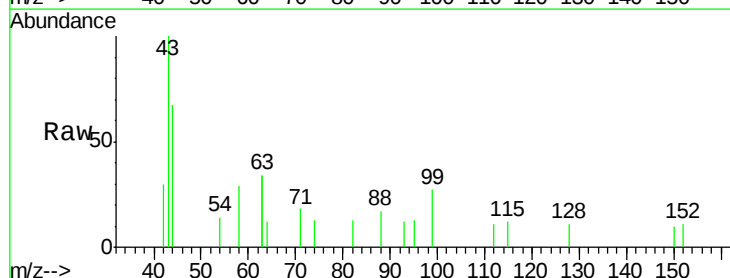
Tgt Ion: 99 Resp: 321

Ion Ratio Lower Upper

99 100

42 32.7 24.2 36.2

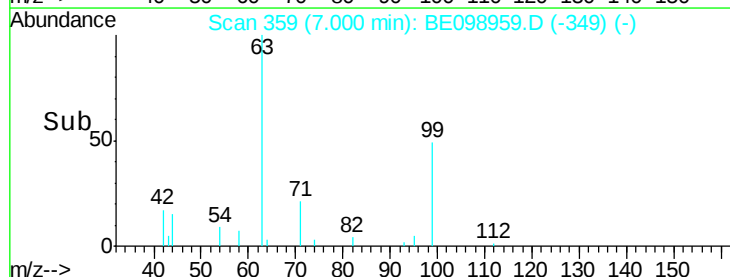
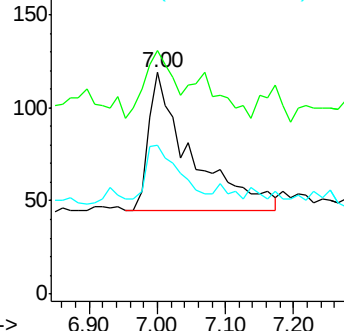
71 30.8 35.7 53.5#



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: BE098959.D

Acq: 15 Mar 2019 00:50

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW271-20190312

Tgt Ion: 136 Resp: 3243

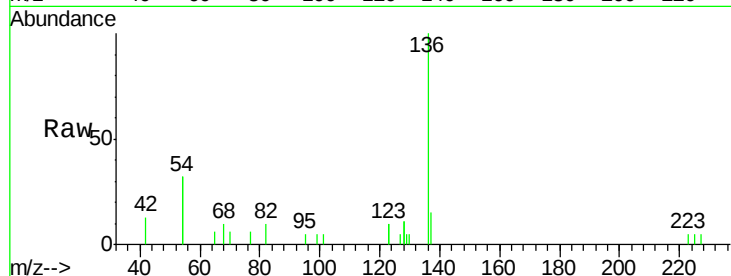
Ion Ratio Lower Upper

136 100

137 14.9 11.4 17.0

54 63.6 39.3 58.9#

68 10.5 6.7 10.1#

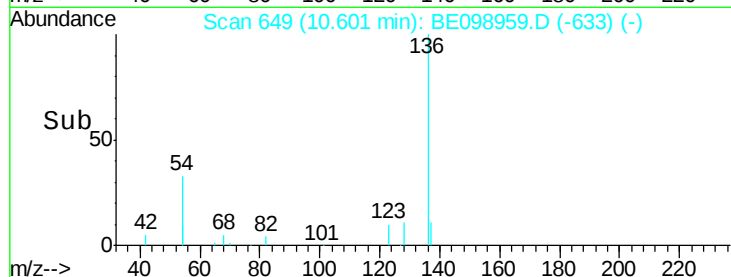
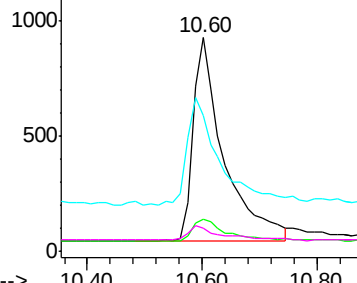


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.361 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

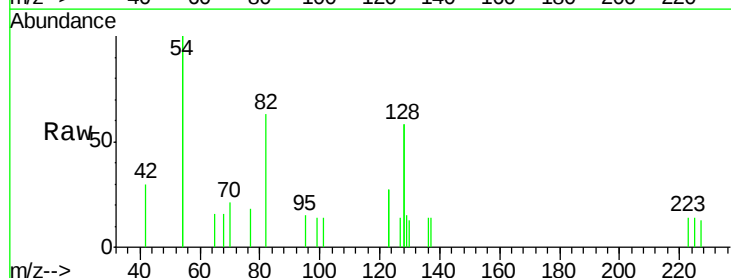
Tgt Ion: 82 Resp: 1229

Ion Ratio Lower Upper

82 100

128 184.0 123.8 185.8

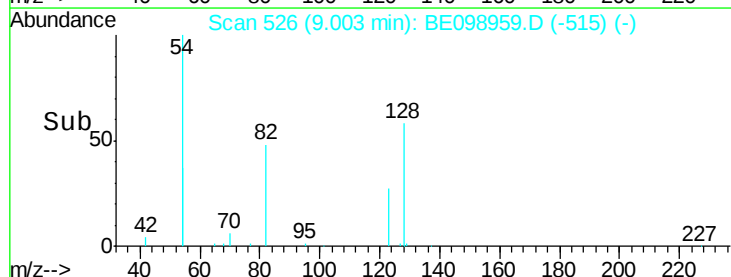
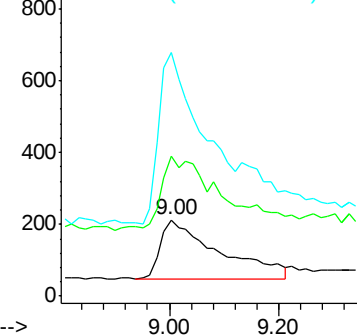
54 319.8 203.4 305.2#

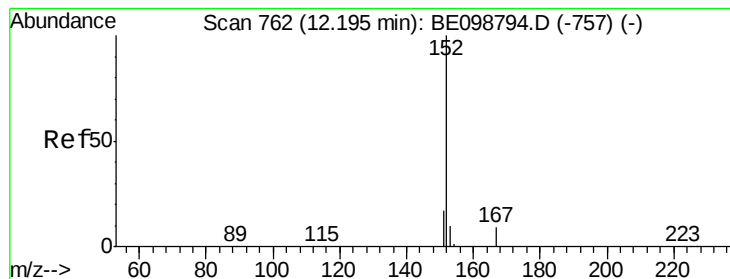


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.421 ng

RT: 12.19 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

Instrument :

BNA_E

ClientSampleId :

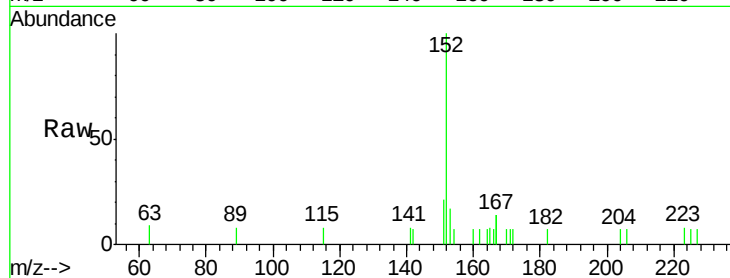
BP-HN-MW271-20190312

Tgt Ion:152 Resp: 2522

Ion Ratio Lower Upper

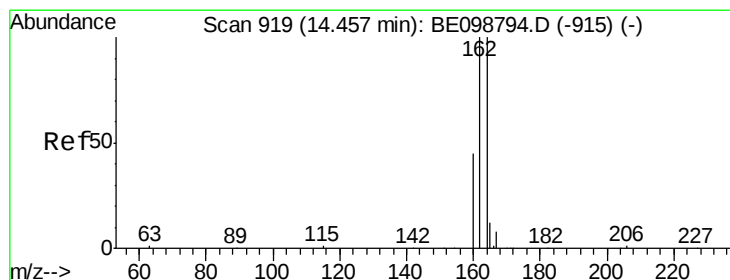
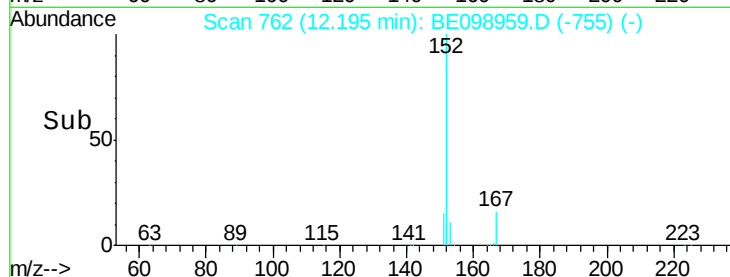
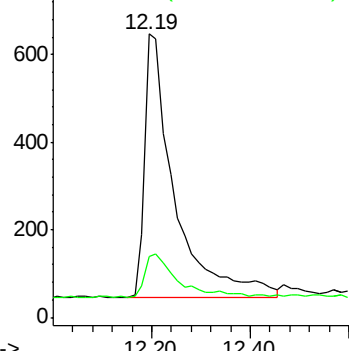
152 100

151 19.0 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

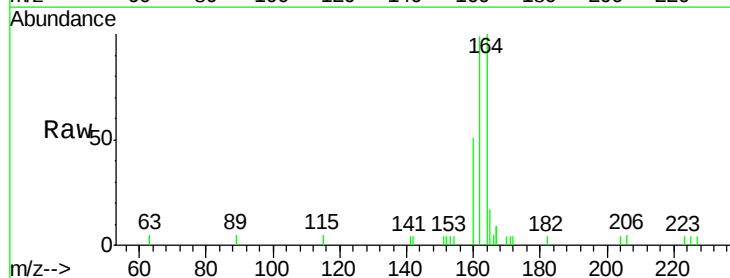
Tgt Ion:164 Resp: 2351

Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.2

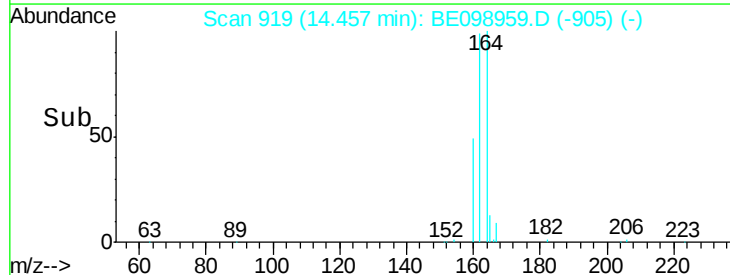
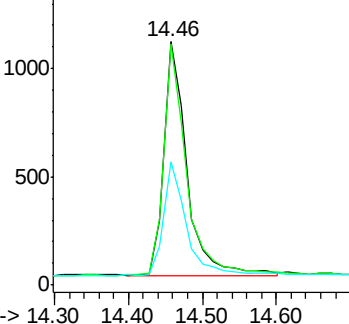
160 50.7 37.8 56.8



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

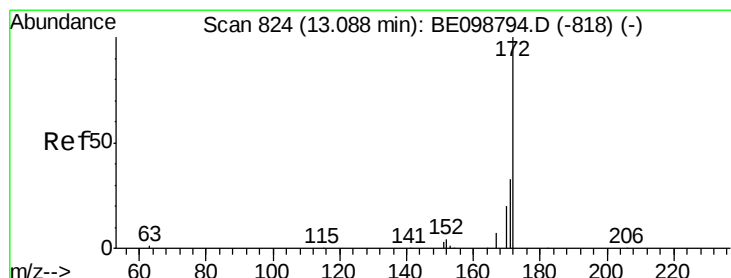
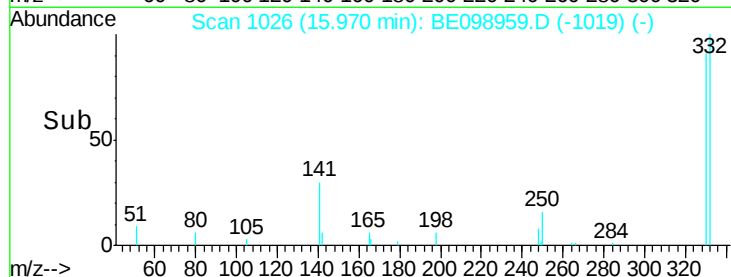
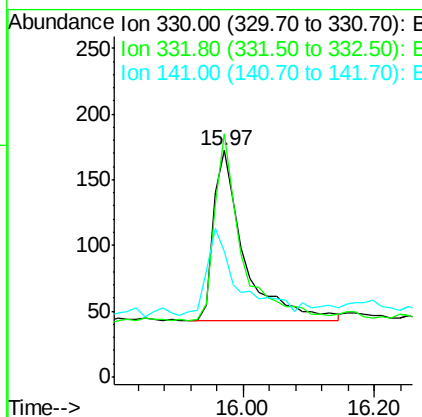
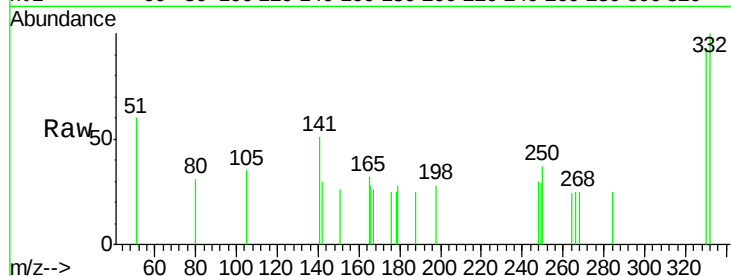




#14
 2,4,6-Tribromophenol
 Concen: 0.353 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE098959.D
 Acq: 15 Mar 2019 00:50

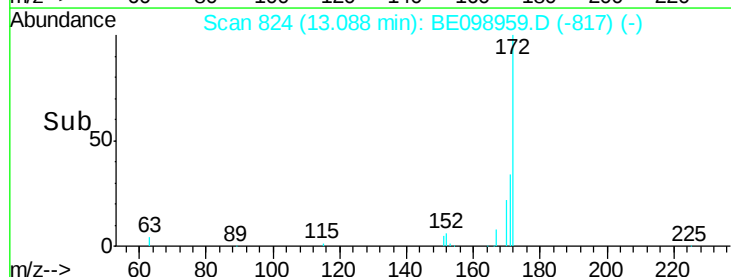
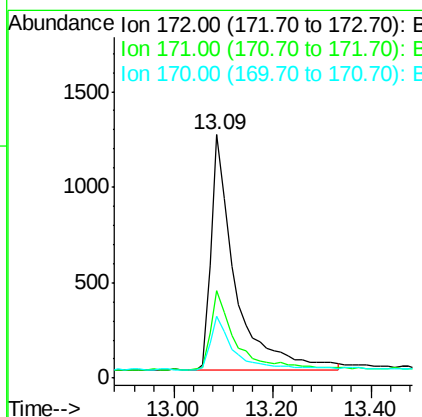
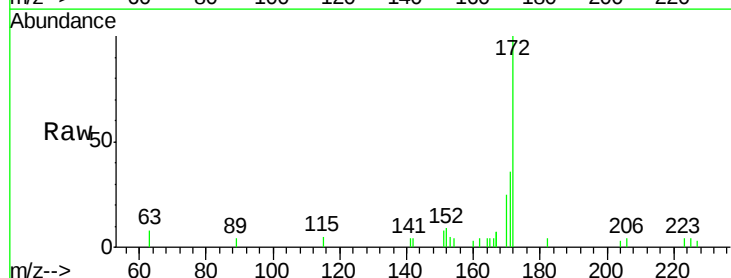
Instrument :
 BNA_E
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 BP-HN-MW271-20190312

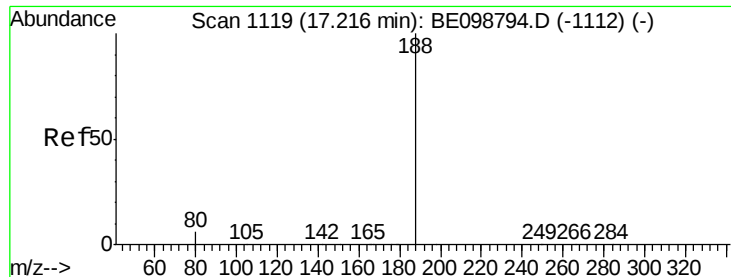
Tgt Ion: 330 Resp: 419
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.6 116.4
 141 50.6 31.0 46.4#



#15
 2-Fluorobiphenyl
 Concen: 0.424 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE098959.D
 Acq: 15 Mar 2019 00:50

Tgt Ion: 172 Resp: 4129
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.0 42.0
 170 25.2 17.7 26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW271-20190312

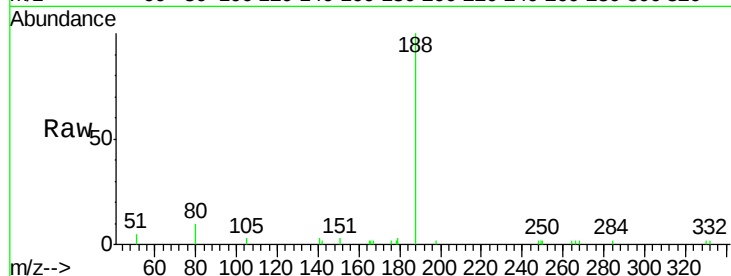
Tgt Ion:188 Resp: 5426

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 6.3 9.5#



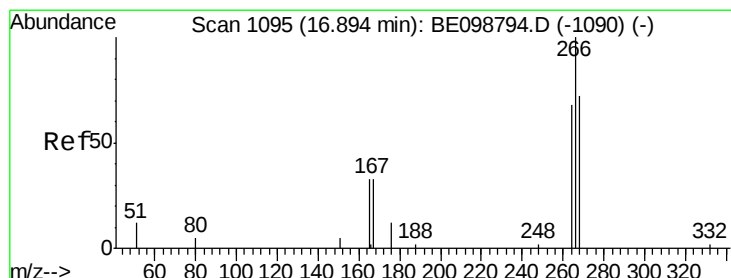
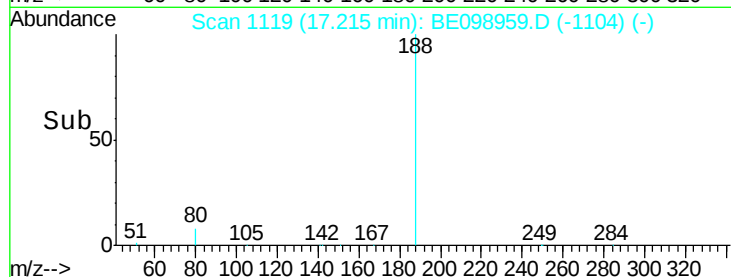
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

17.22

Time-->



#22

Pentachlorophenol

Concen: 0.270 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

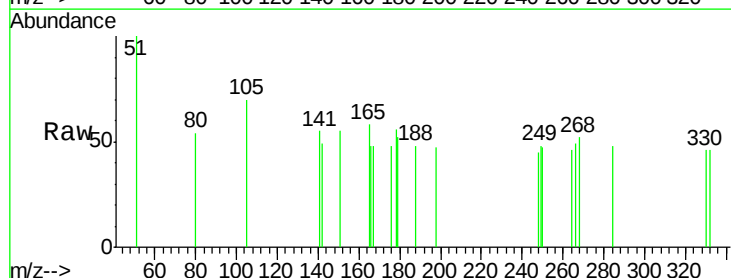
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 66.6 100.0

268 104.2 69.8 104.8



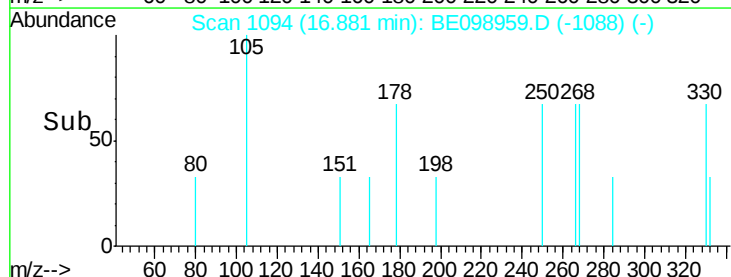
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.88

Time-->

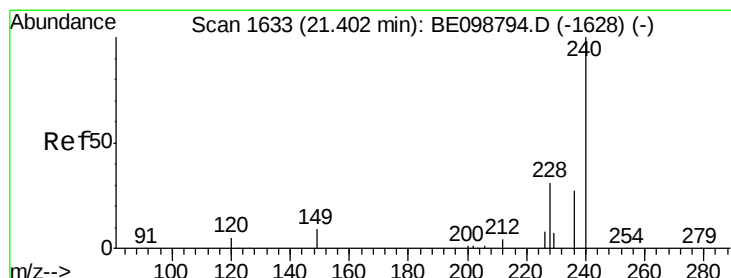
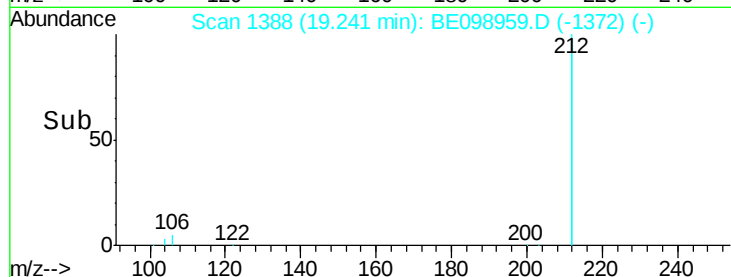
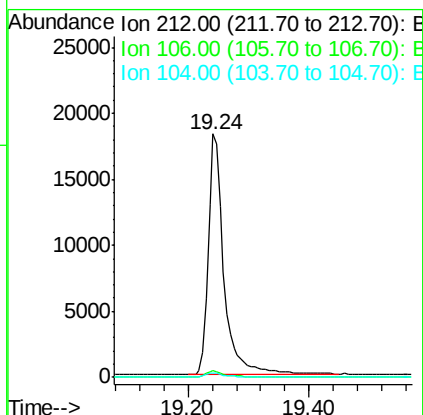
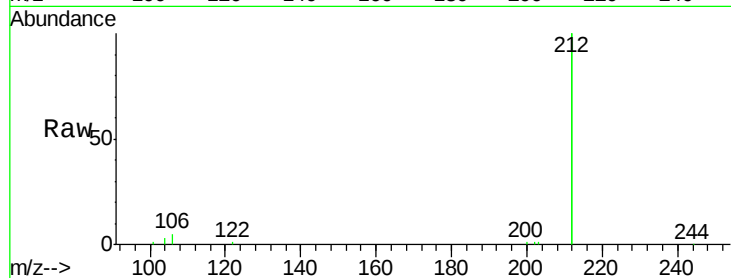




#25
 Fluoranthene-d10
 Concen: 0.389 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE098959.D
 Acq: 15 Mar 2019 00:50

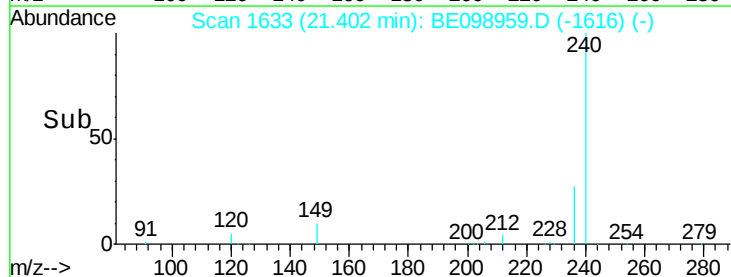
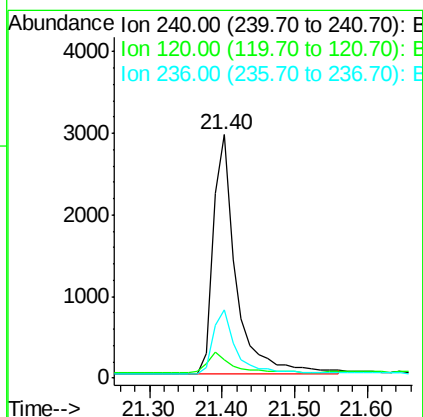
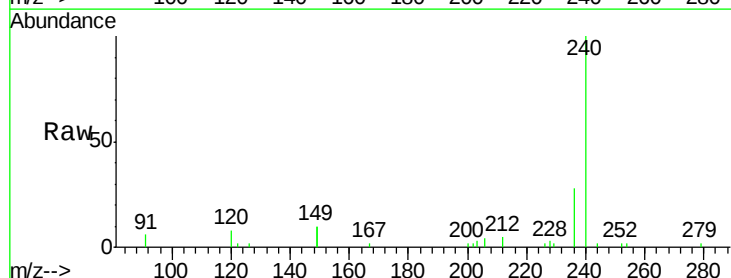
Instrument :
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 BP-HN-MW271-20190312

Tgt Ion: 212 Resp: 33674
 Ion Ratio Lower Upper
 212 100
 106 2.4 1.8 2.8
 104 1.4 1.0 1.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE098959.D
 Acq: 15 Mar 2019 00:50

Tgt Ion: 240 Resp: 6441
 Ion Ratio Lower Upper
 240 100
 120 7.6 5.0 7.4#
 236 27.8 22.7 34.1





#29

Terphenyl-d14

Concen: 0.438 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW271-20190312

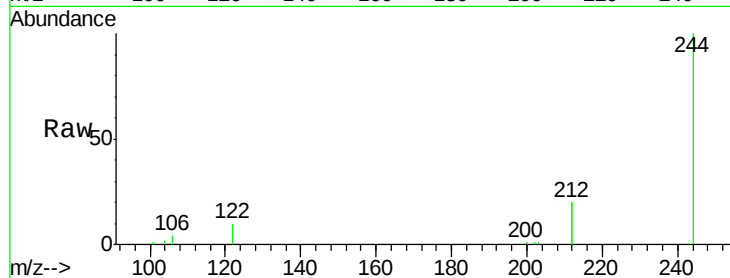
Tgt Ion: 244 Resp: 6863

Ion Ratio Lower Upper

244 100

212 39.1 29.4 44.2

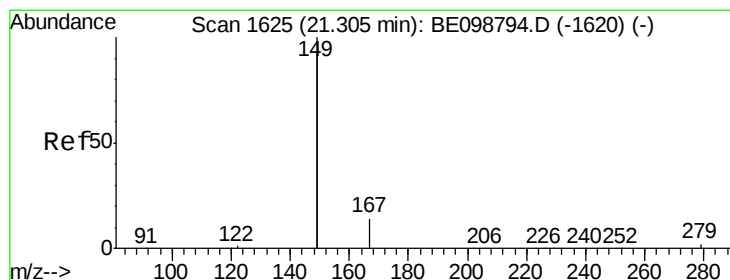
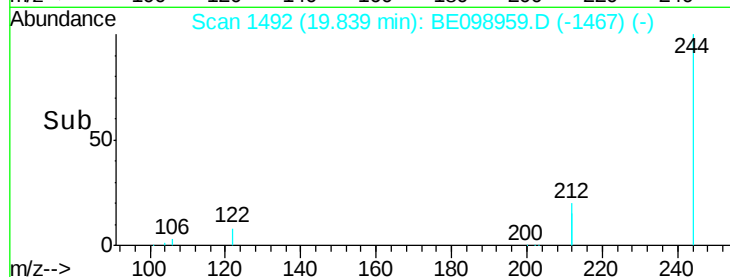
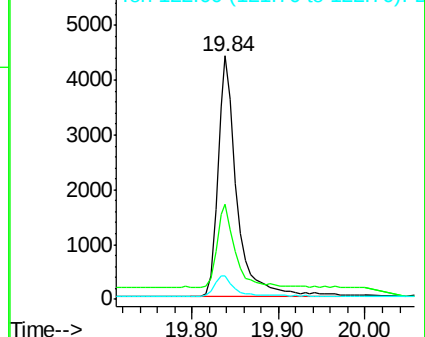
122 9.6 7.1 10.7



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: 0.148 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

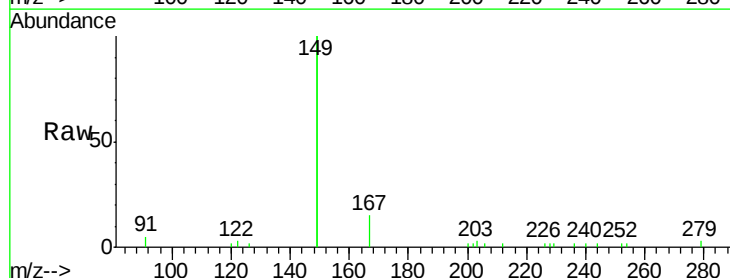
Tgt Ion: 149 Resp: 6325

Ion Ratio Lower Upper

149 100

167 7.2 5.4 8.0

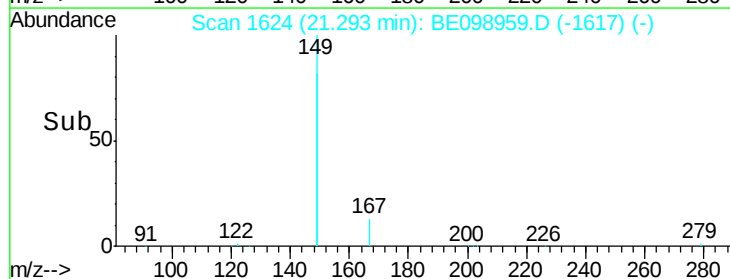
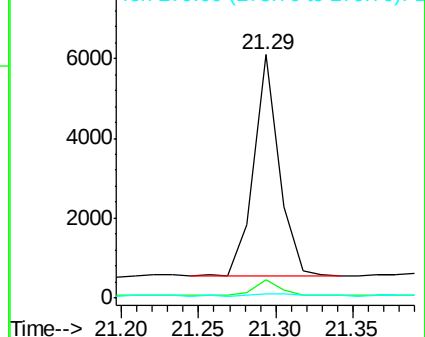
279 1.3 1.0 1.4

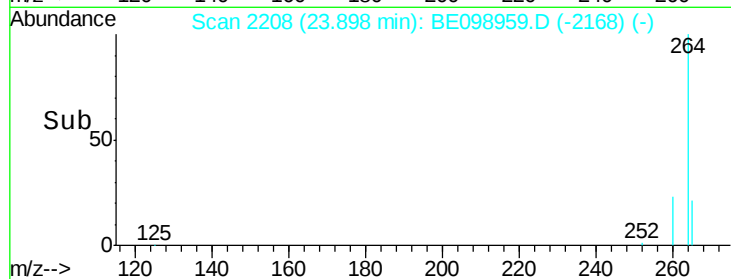
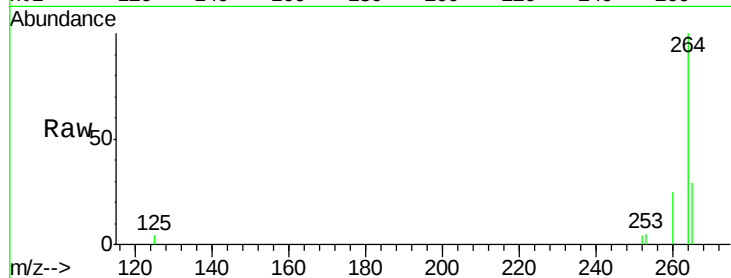


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BE098959.D

Acq: 15 Mar 2019 00:50

Instrument :

BNA_E

ClientSampleId :

BP-HN-MW27I-20190312

Tgt Ion:264 Resp: 6167

Ion Ratio Lower Upper

264 100

260 24.8 21.2 31.8

265 28.7 24.6 36.8

