

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031819\
 Data File : BE099005.D
 Acq On : 18 Mar 2019 17:47
 Operator : JU/SJ
 Sample : K1937-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309I-20190313

Quant Time: Mar 19 02:29:00 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

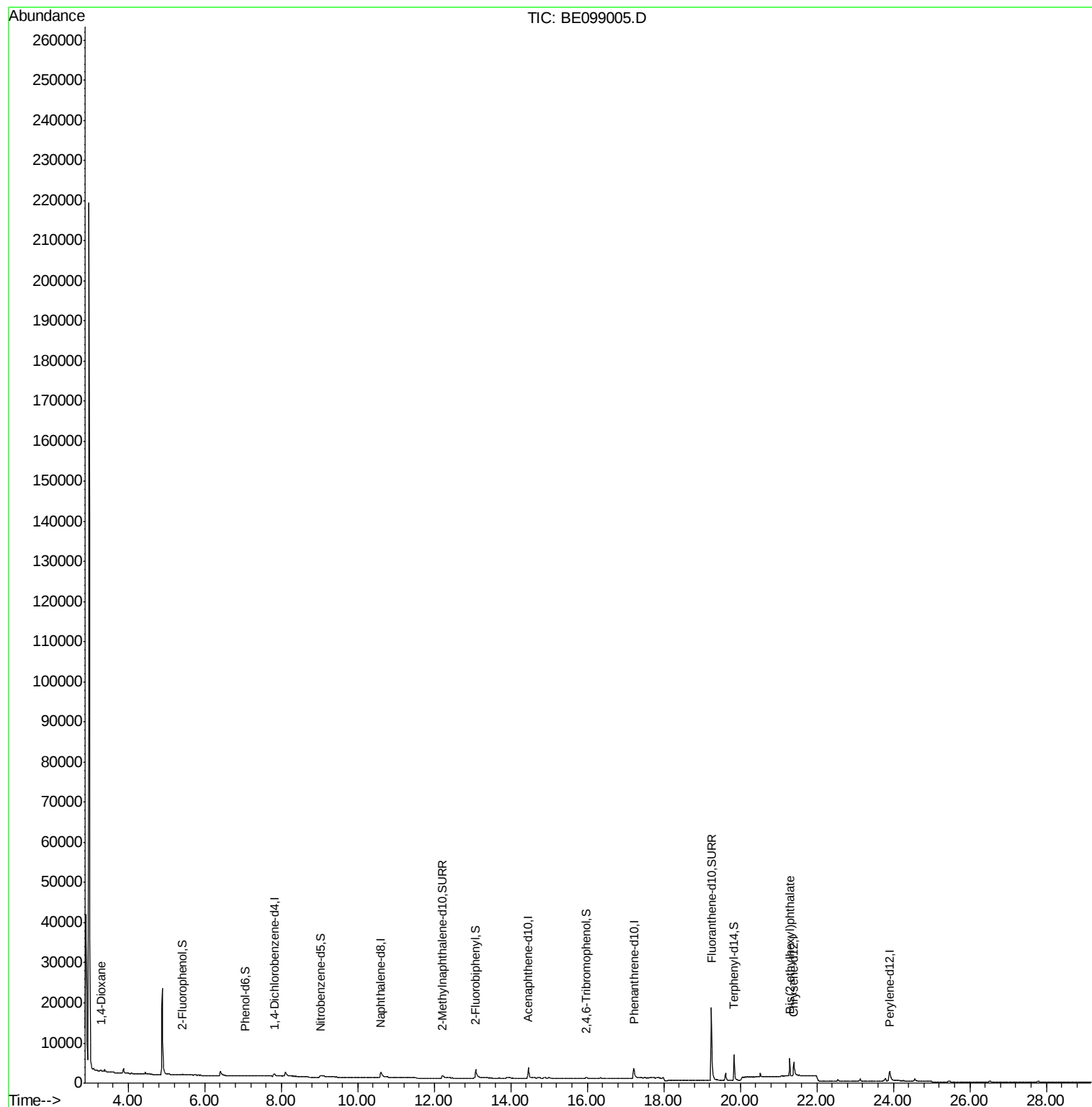
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	607	0.40	ng	0.02
7) Naphthalene-d8	10.60	136	3148	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2286	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5131	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5983	0.40	ng	0.00
34) Perylene-d12	23.90	264	5368	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	270	0.15	ng	0.04
5) Phenol-d6	7.06	99	147	0.06	ng	0.07
8) Nitrobenzene-d5	9.04	82	459	0.14	ng	0.08
11) 2-Methylnaphthalene-d10	12.21	152	2285	0.39	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	342	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4176	0.44	ng	0.00
25) Fluoranthene-d10	19.24	212	33374	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	7541	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	244	0.157	ng	Qvalue # 59
32) Bis(2-ethylhexyl)phthalate	21.29	149	4915	0.124	ng	99

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

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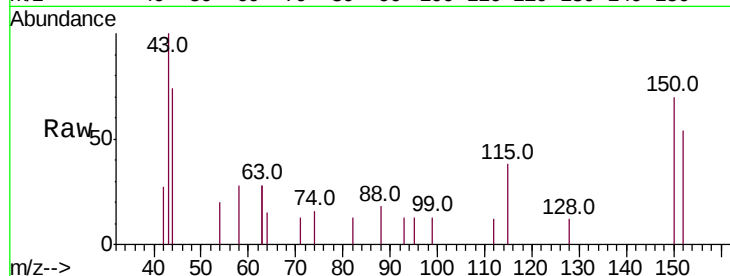


#1

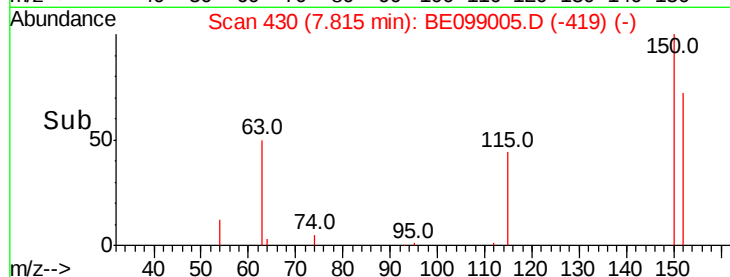
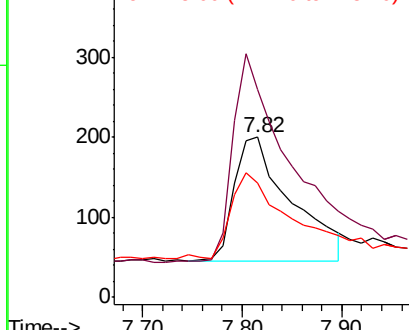
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.02 min
Lab File: BE099005.D
Acq: 18 Mar 2019 17:47

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309I-20190313

Tot Ion:152 Resp: 607
Ion Ratio Lower Upper
152 100
150 129.5 122.5 183.7
115 71.5 57.4 86.2



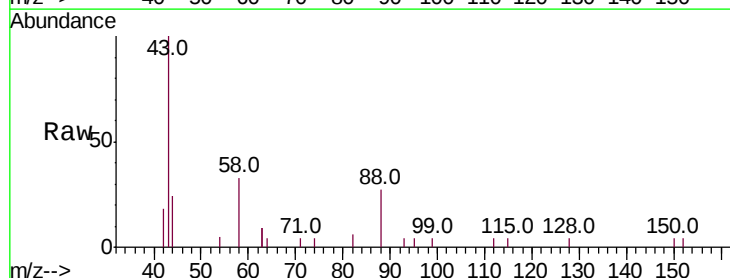
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



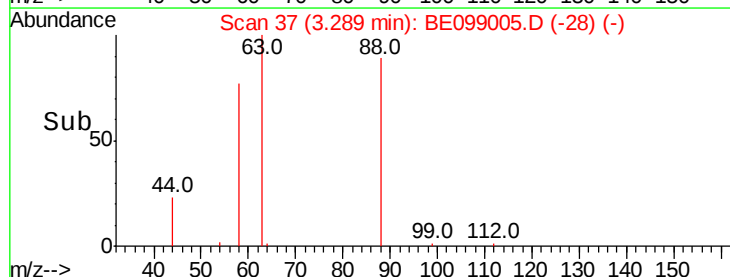
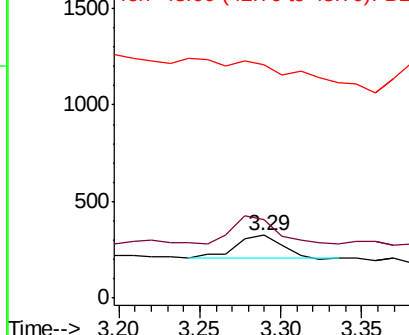
#2

1,4-Dioxane
Concen: 0.157 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE099005.D
Acq: 18 Mar 2019 17:47

Tgt Ion: 88 Resp: 244
Ion Ratio Lower Upper
88 100
58 116.4 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: 0.149 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190313

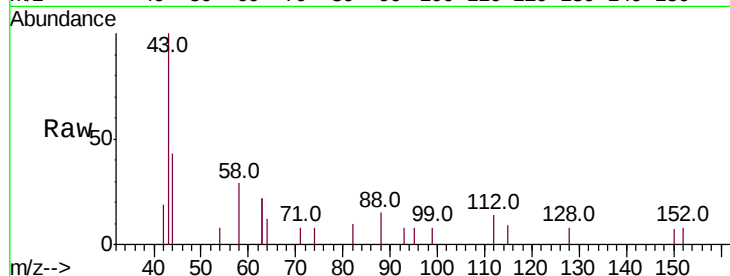
Tot Ion:112 Resp: 270

Ion Ratio Lower Upper

112 100

64 85.6 57.9 86.9

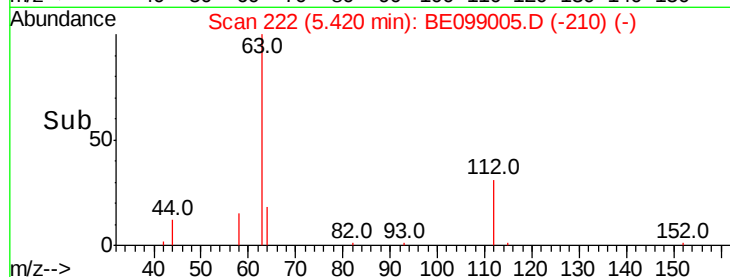
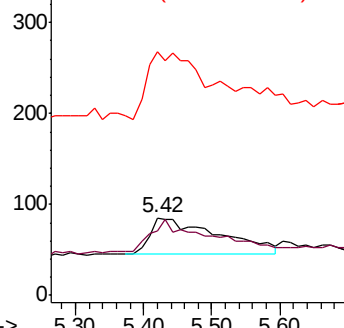
63 128.5 158.3 237.5#



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: 0.057 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.07 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

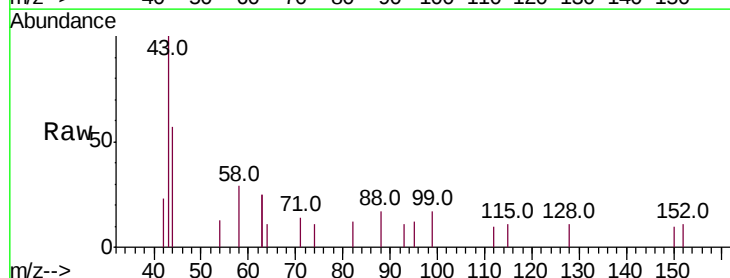
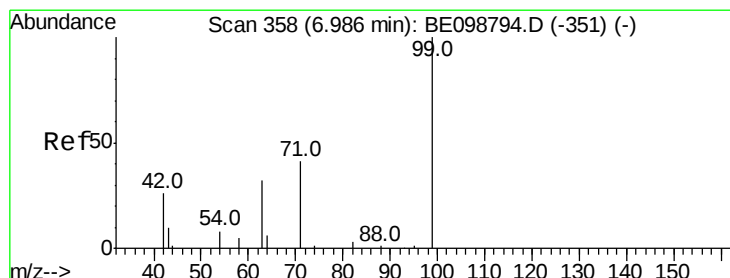
Tgt Ion: 99 Resp: 147

Ion Ratio Lower Upper

99 100

42 31.3 24.2 36.2

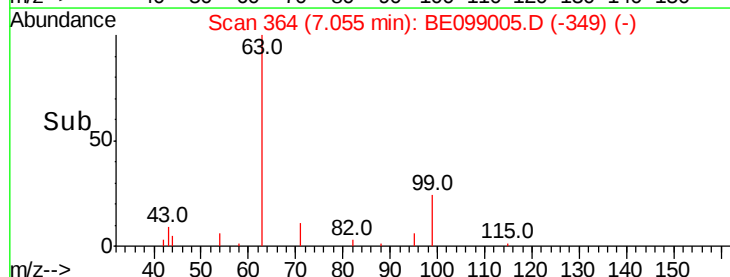
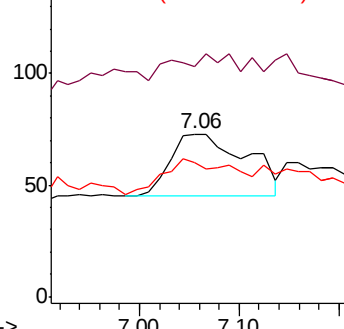
71 0.0 35.7 53.5#



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: BE099005.D

Acq: 18 Mar 2019 17:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190313

Tot Ion:136 Resp: 3148

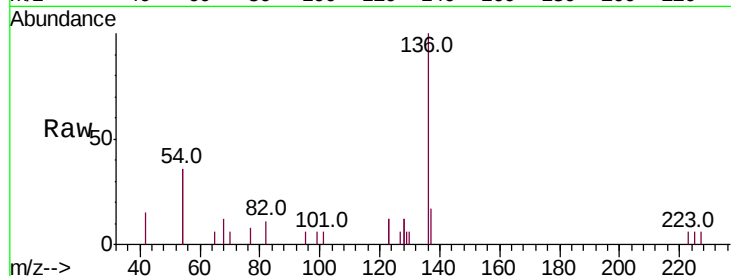
Ion Ratio Lower Upper

136 100

137 16.8 11.4 17.0

54 72.7 39.3 58.9#

68 12.5 6.7 10.1#

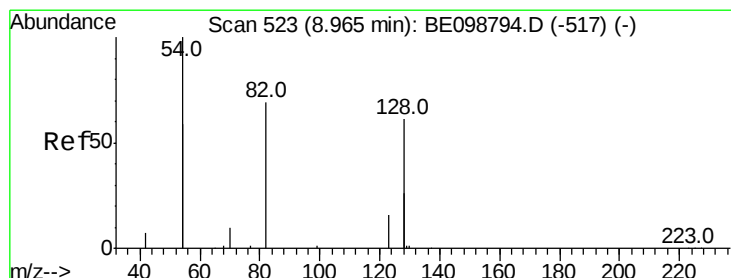
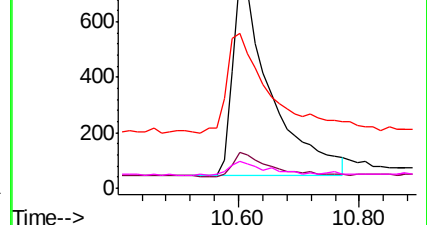
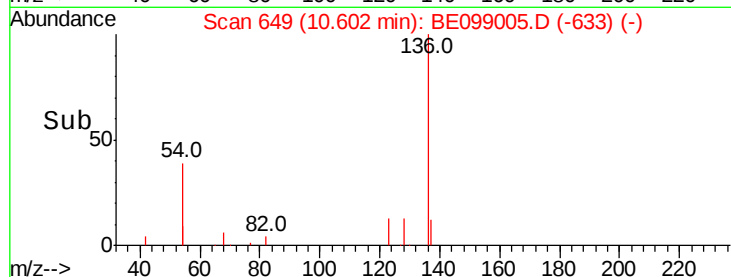


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.139 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.08 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

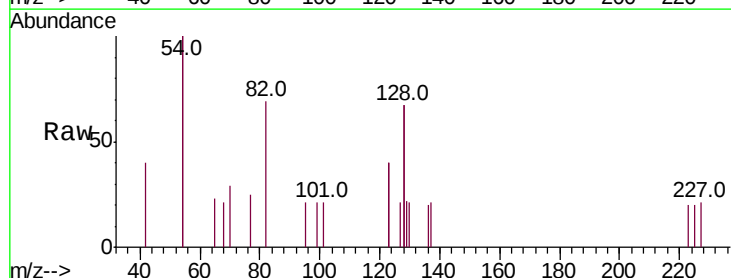
Tgt Ion: 82 Resp: 459

Ion Ratio Lower Upper

82 100

128 193.4 123.8 185.8#

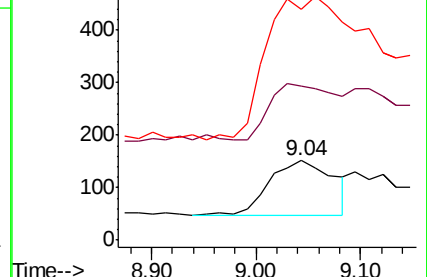
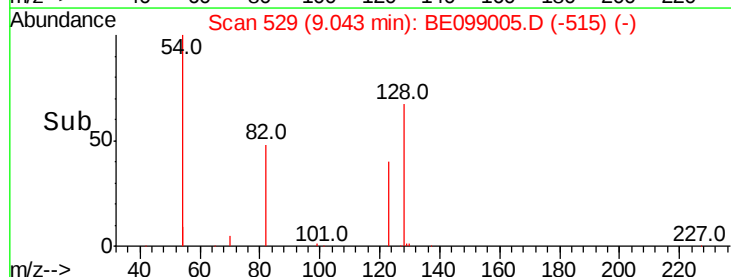
54 289.5 203.4 305.2

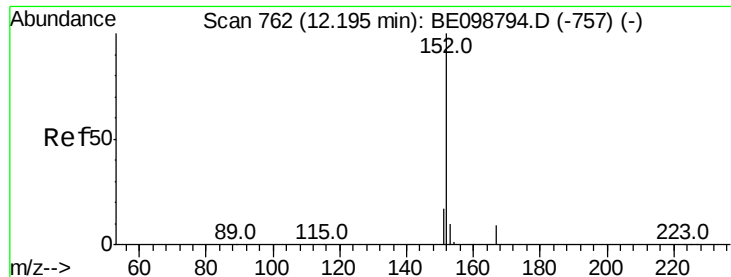


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

Instrument :

BNA_E

ClientSampleId :

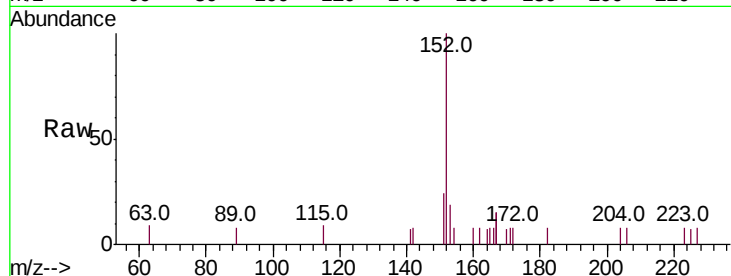
BPS1-TT-MW309I-20190313

Tot Ion:152 Resp: 2285

Ion Ratio Lower Upper

152 100

151 19.4 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

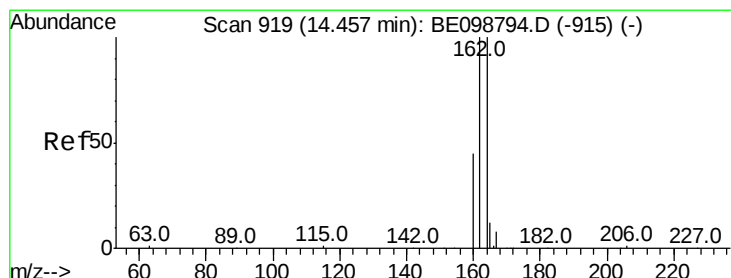
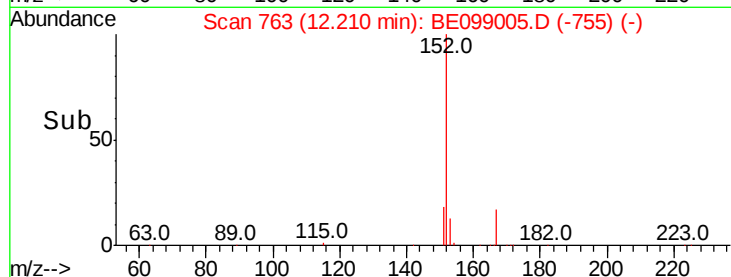
600

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: BE099005.D

Acq: 18 Mar 2019 17:47

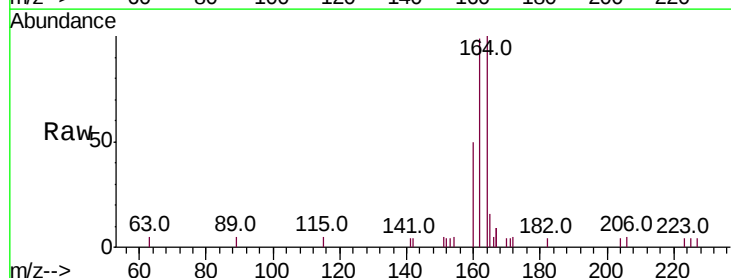
Tgt Ion:164 Resp: 2286

Ion Ratio Lower Upper

164 100

162 99.3 80.2 120.2

160 50.3 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

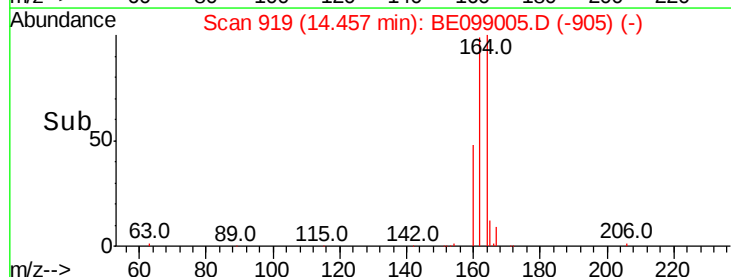
1500

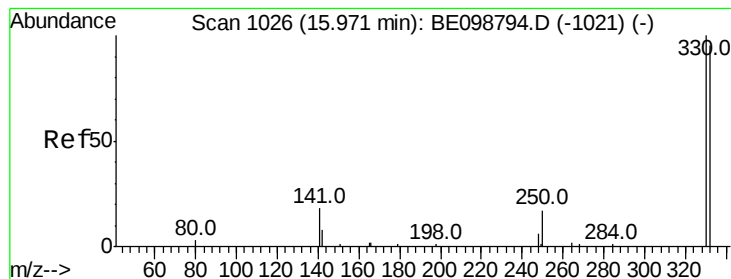
1000

500

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.296 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309I-20190313

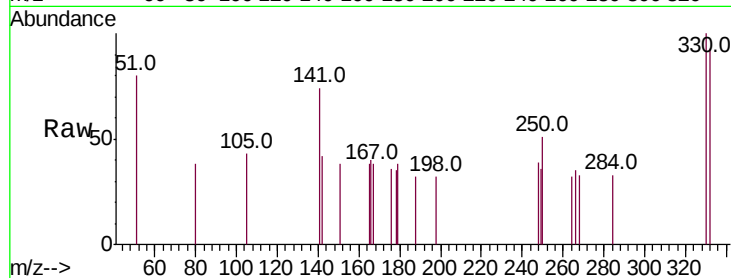
Tot Ion:330 Resp: 342

Ion Ratio Lower Upper

330 100

332 90.6 77.6 116.4

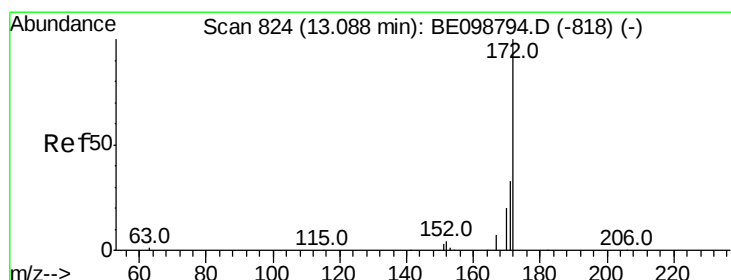
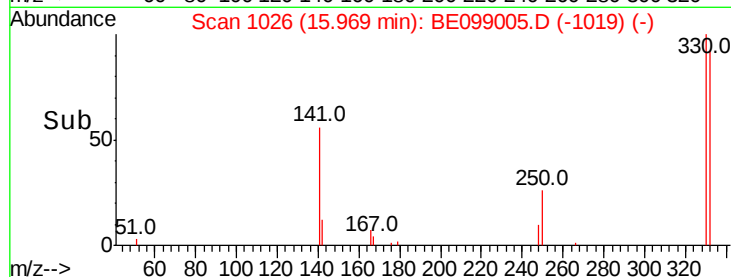
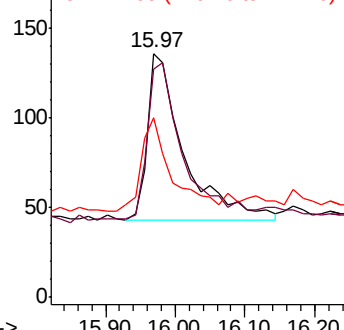
141 46.8 31.0 46.4#



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: 0.441 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

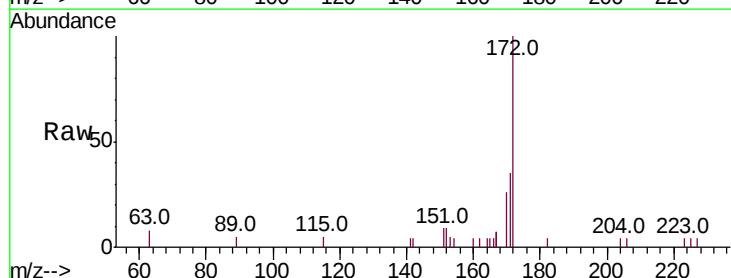
Tgt Ion:172 Resp: 4176

Ion Ratio Lower Upper

172 100

171 34.9 28.0 42.0

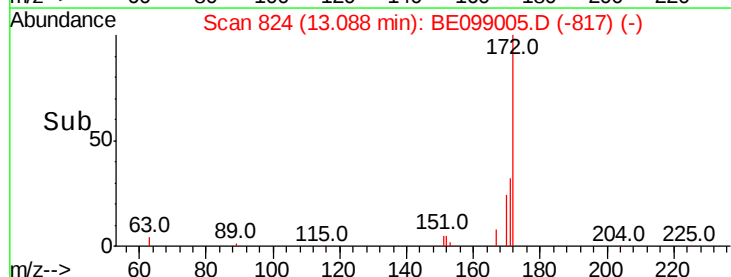
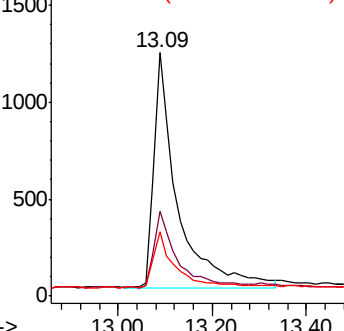
170 26.3 17.7 26.5

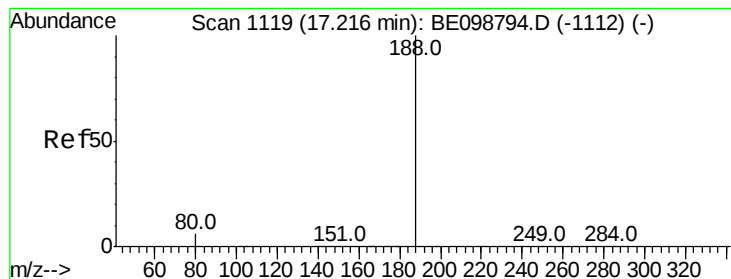


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

Instrument :

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ClientSampleId :

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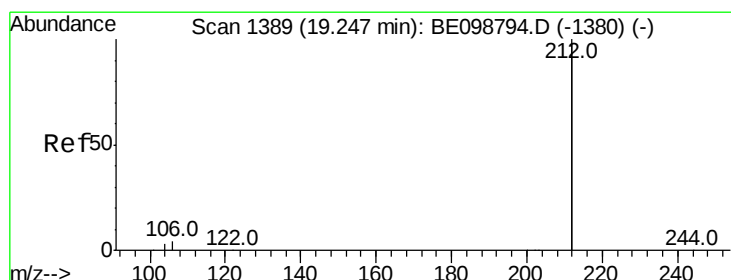
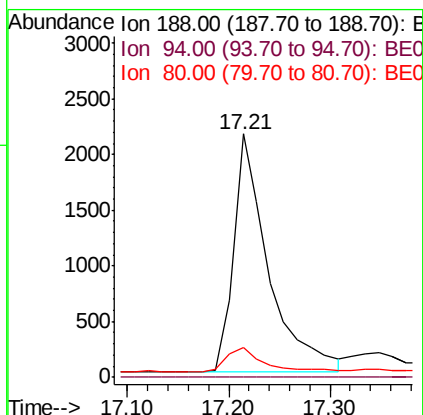
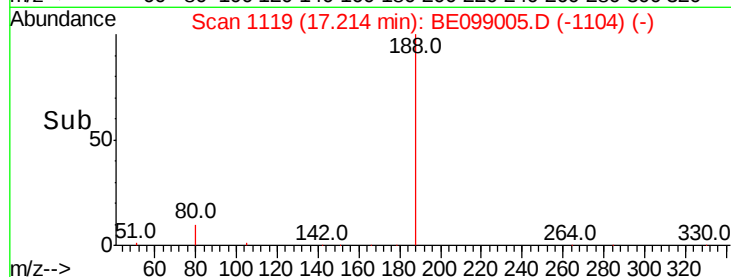
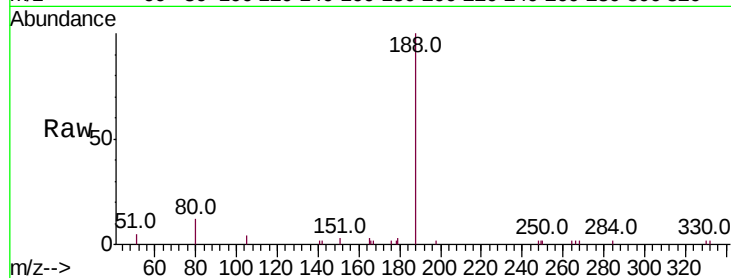
Tot Ion:188 Resp: 5131

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 6.3 9.5#



#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

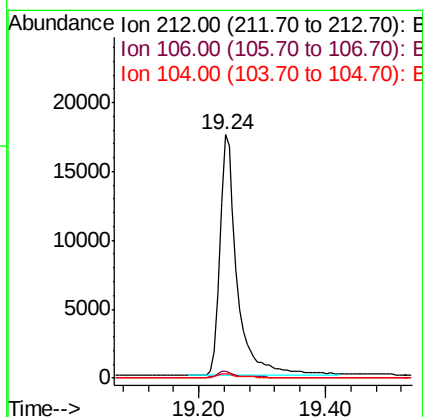
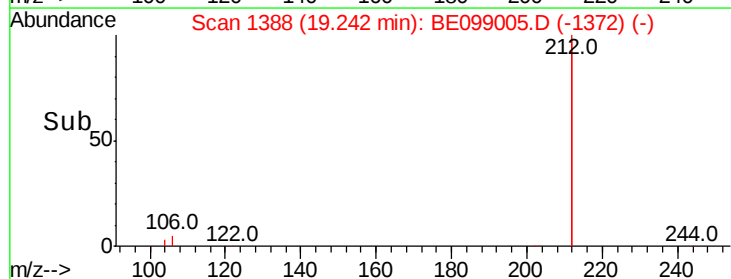
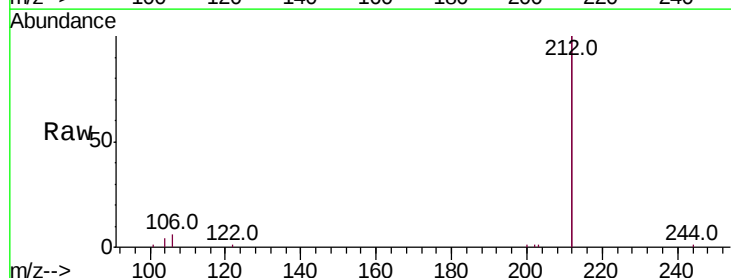
Tgt Ion:212 Resp: 33374

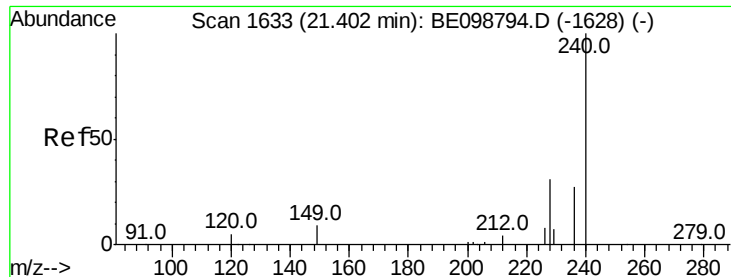
Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

104 1.5 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: BE099005.D

Acq: 18 Mar 2019 17:47

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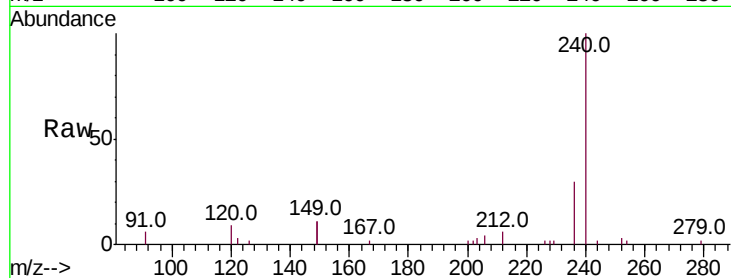
Tot Ion:240 Resp: 5983

Ion Ratio Lower Upper

240 100

120 8.8 5.0 7.4#

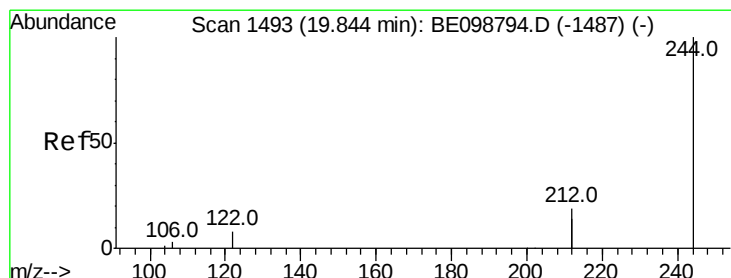
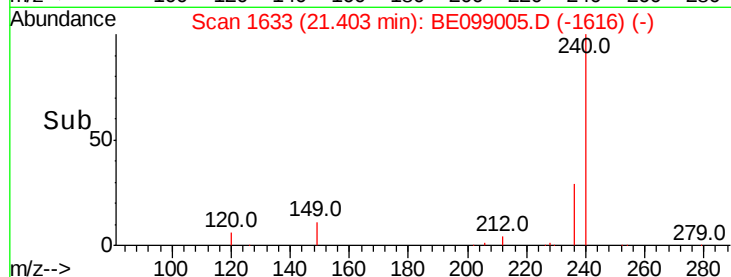
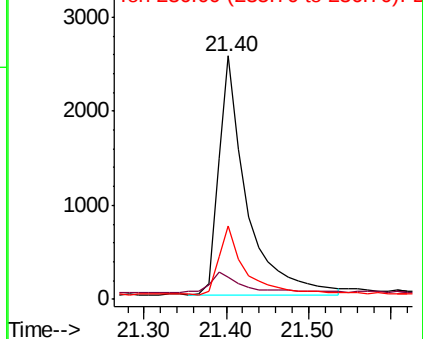
236 30.0 22.7 34.1



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: 0.519 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099005.D

Acq: 18 Mar 2019 17:47

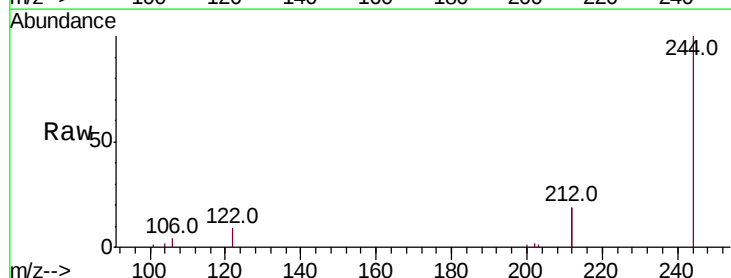
Tgt Ion:244 Resp: 7541

Ion Ratio Lower Upper

244 100

212 38.8 29.4 44.2

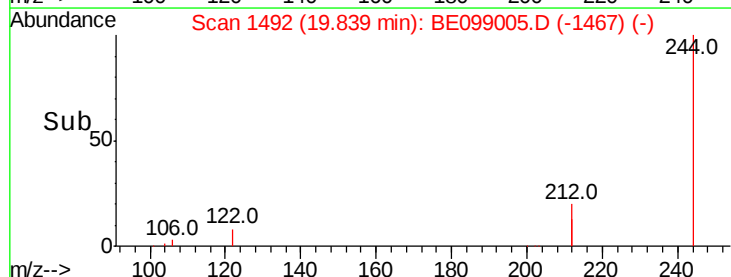
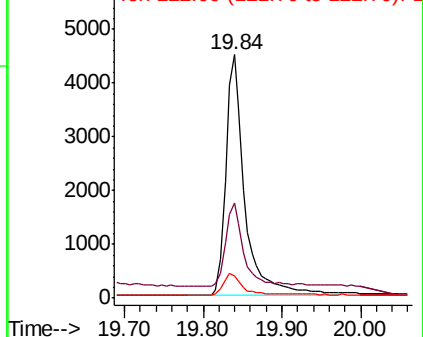
122 8.9 7.1 10.7

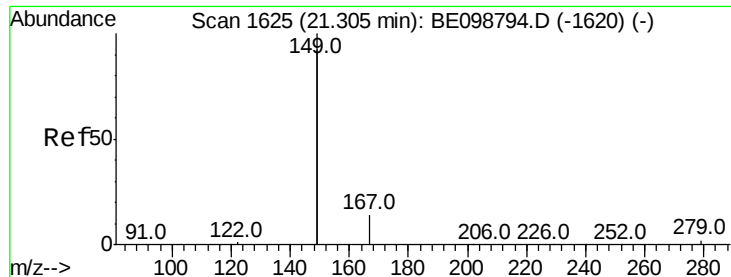


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

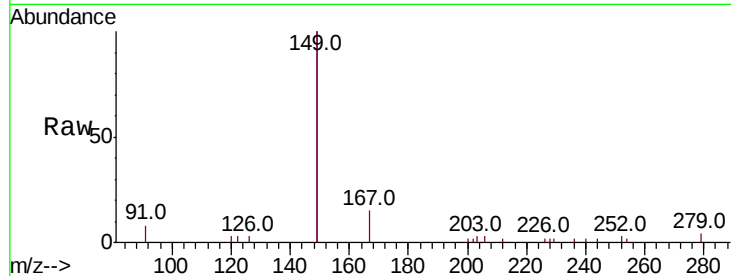




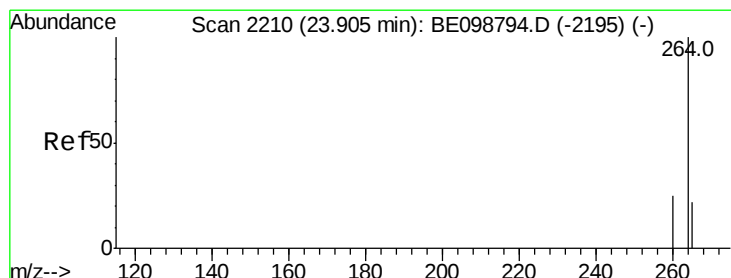
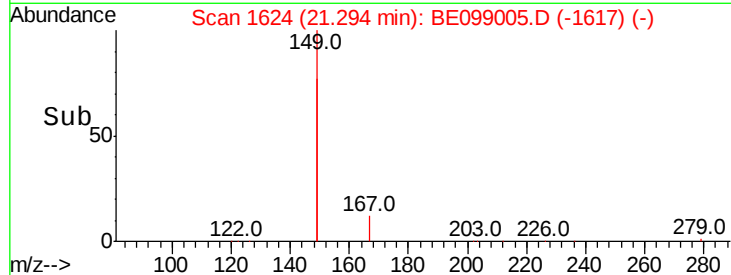
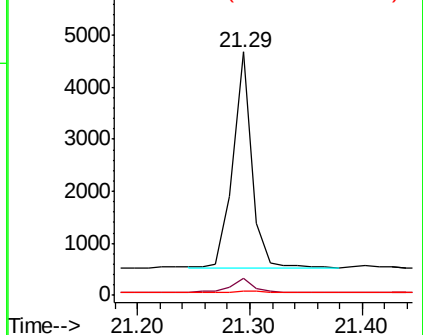
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.124 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE099005.D
 Acq: 18 Mar 2019 17:47

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309I-20190313

Tot Ion:149 Resp: 4915
 Ion Ratio Lower Upper
 149 100
 167 7.2 5.4 8.0
 279 1.3 1.0 1.4

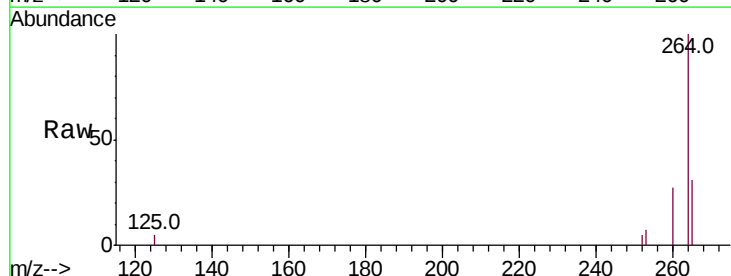


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BE099005.D
 Acq: 18 Mar 2019 17:47

Tgt Ion:264 Resp: 5368
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.2 31.8
 265 31.1 24.6 36.8



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

