

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099059.D
 Acq On : 20 Mar 2019 6:26
 Operator : JU/SJ
 Sample : K1969-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-MW203I-20190315

Quant Time: Mar 20 08:45:12 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

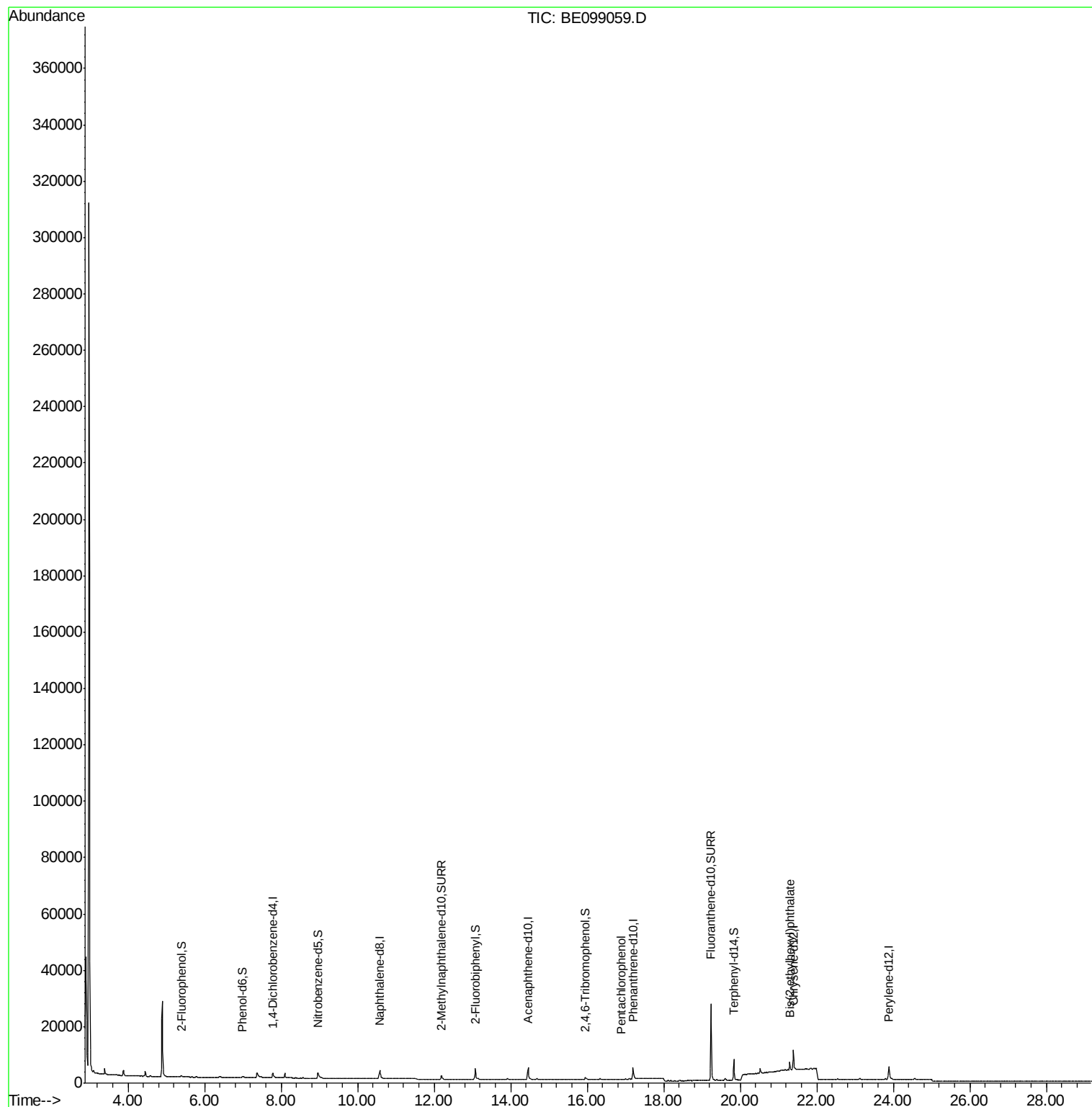
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	1014	0.40	ng	-0.01
7) Naphthalene-d8	10.58	136	4401	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2950	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	7326	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	8020	0.40	ng	-0.01
34) Perylene-d12	23.88	264	7639	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	455	0.15	ng	0.00
5) Phenol-d6	6.99	99	483	0.11	ng	0.00
8) Nitrobenzene-d5	8.96	82	1892	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.18	152	2976	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	633	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	5085	0.42	ng	-0.01
25) Fluoranthene-d10	19.24	212	38894	0.33	ng	-0.01
29) Terphenyl-d14	19.83	244	7267	0.37	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	41	Below Cal	#	1
22) Pentachlorophenol	16.88	266	23	0.279 ng		93
32) Bis(2-ethylhexyl)phthalate	21.29	149	3661	0.069 ng	#	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.78 min Scan# 427

Delta R.T. -0.01 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

Instrument :

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ClientSampleId :

BP-TT-MW203I-20190315

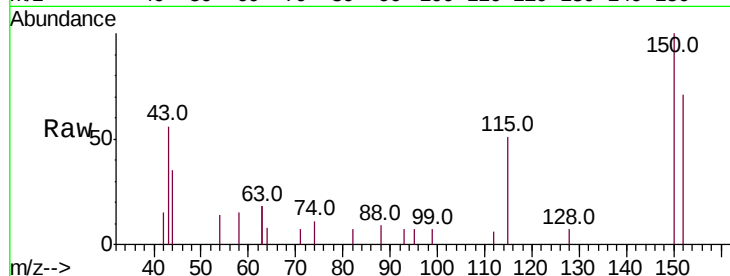
Tot Ion:152 Resp: 1014

Ion Ratio Lower Upper

152 100

150 140.9 122.5 183.7

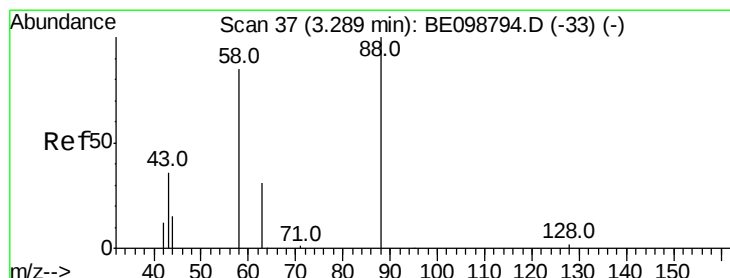
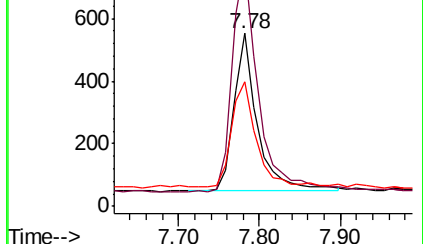
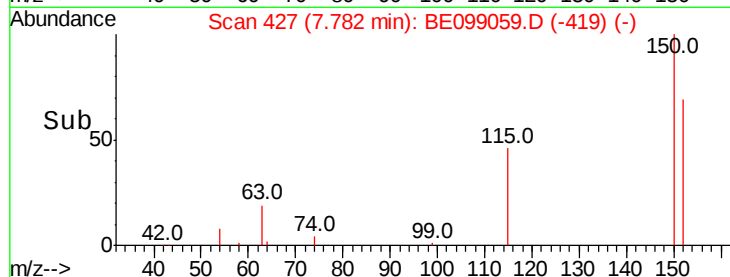
115 72.1 57.4 86.2



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: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

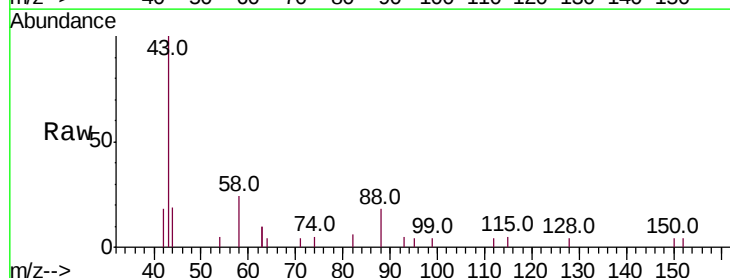
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

58 0.0 75.8 113.6#

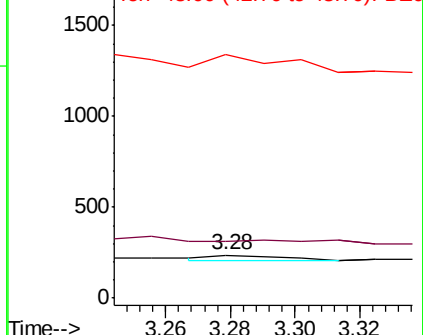
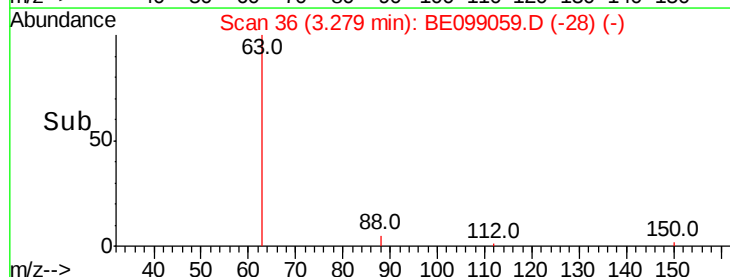
43 400.0 41.8 62.8#



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: 0.150 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW203I-20190315

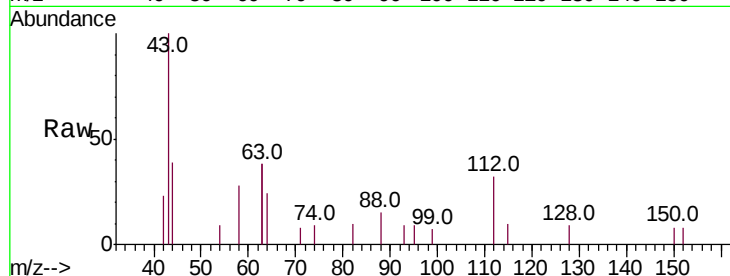
Tot Ion:112 Resp: 455

Ion Ratio Lower Upper

112 100

64 86.4 57.9 86.9

63 206.6 158.3 237.5



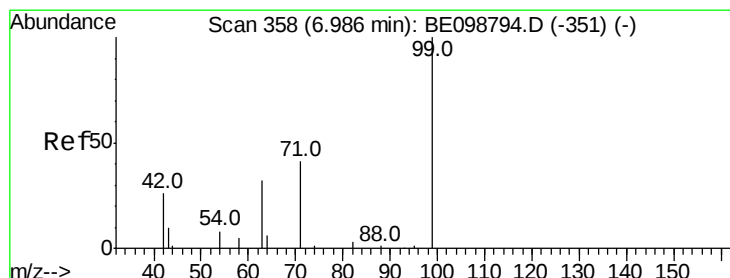
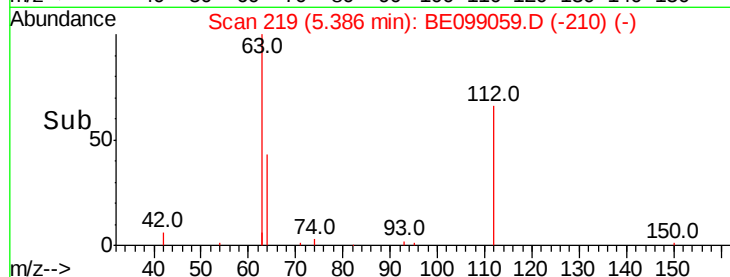
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->

5.30 5.40 5.50



#5

Phenol-d6

Concen: 0.113 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

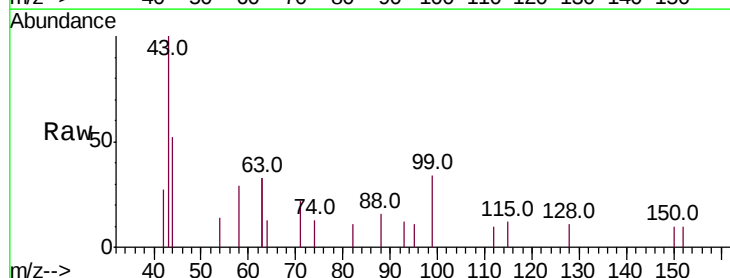
Tgt Ion: 99 Resp: 483

Ion Ratio Lower Upper

99 100

42 48.0 24.2 36.2#

71 33.3 35.7 53.5#



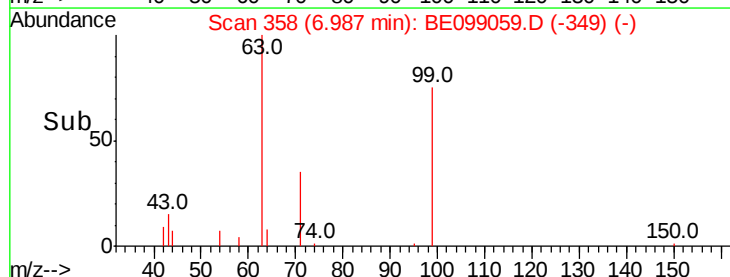
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

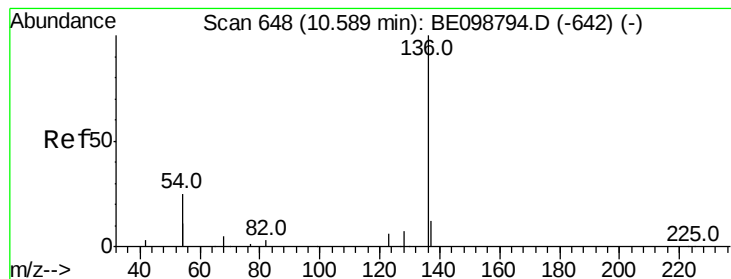
Ion 71.00 (70.70 to 71.70): BE0

Time-->

6.80 7.00 7.20



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW203I-20190315

Tot Ion:136 Resp: 4401

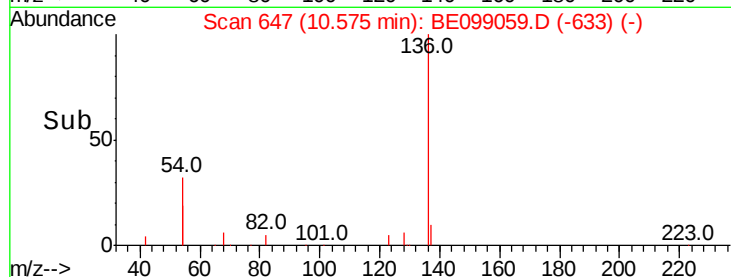
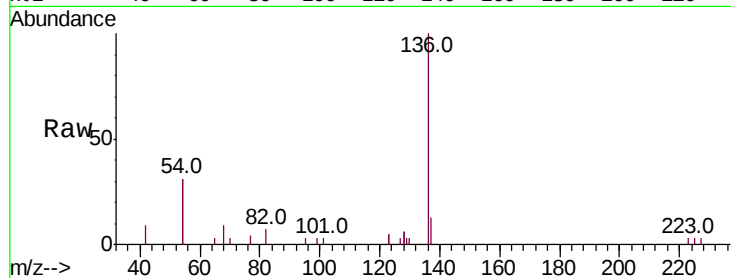
Ion Ratio Lower Upper

136 100

137 12.7 11.4 17.0

54 62.1 39.3 58.9#

68 9.3 6.7 10.1

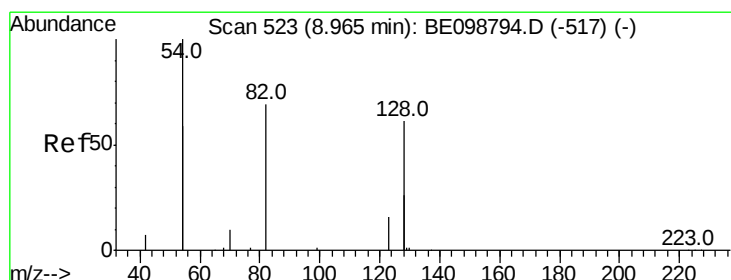
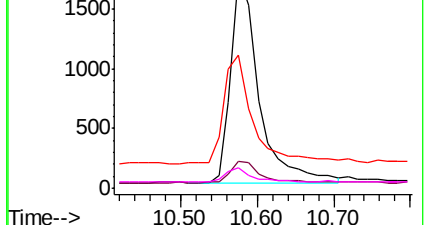


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.410 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

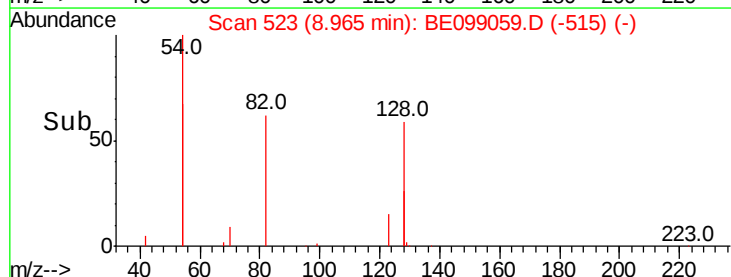
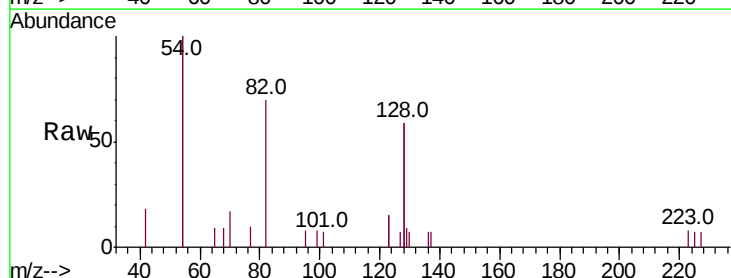
Tgt Ion: 82 Resp: 1892

Ion Ratio Lower Upper

82 100

128 167.3 123.8 185.8

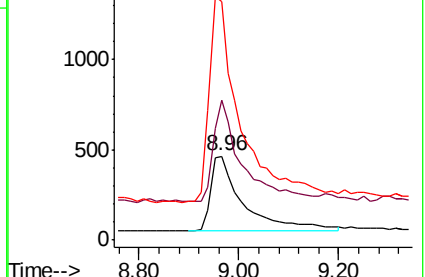
54 284.7 203.4 305.2

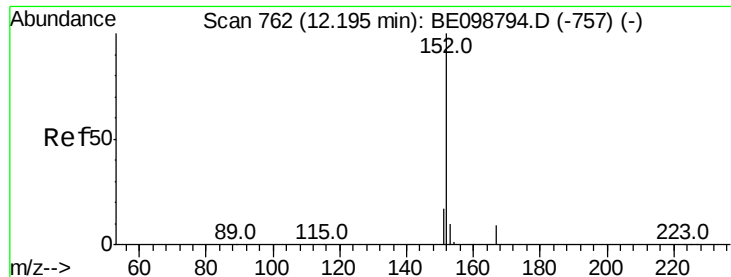


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

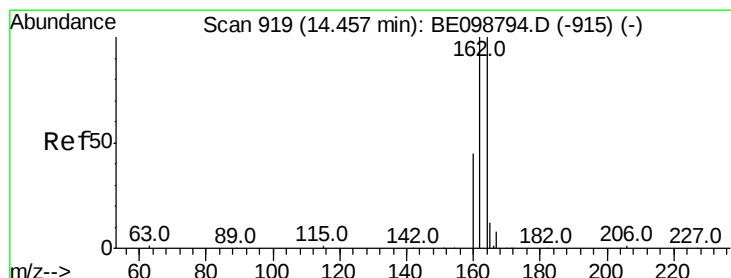
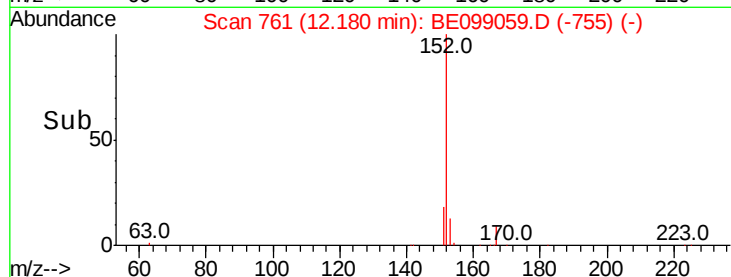
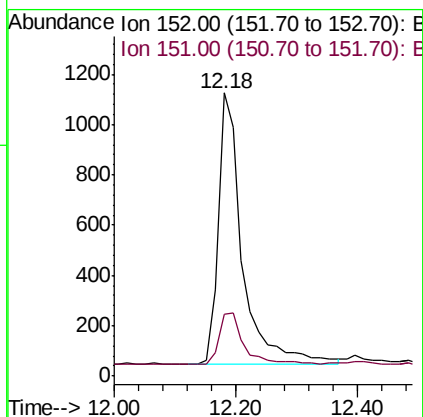
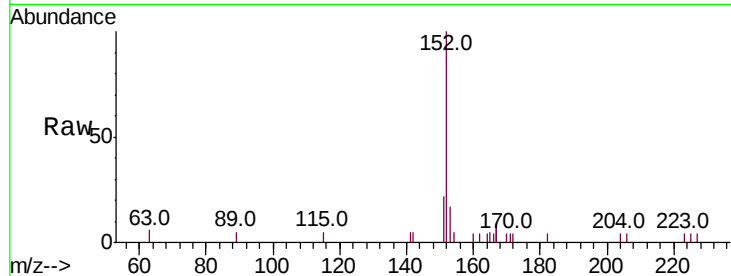




#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.01 min
Lab File: BE099059.D
Acq: 20 Mar 2019 6:26

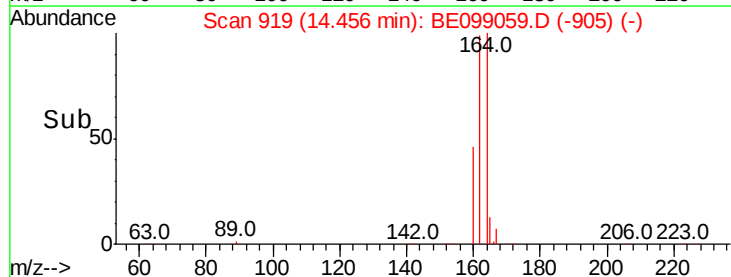
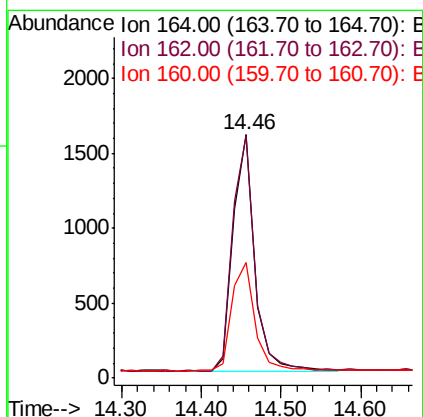
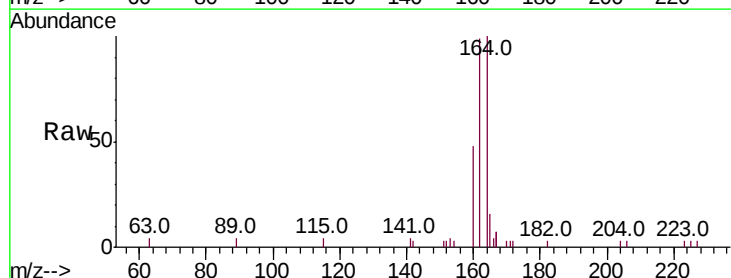
Instrument :
BNA_E
ClientSampleId :
BP-TT-MW203I-20190315

Tot Ion:152 Resp: 2976
Ion Ratio Lower Upper
152 100
151 19.9 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099059.D
Acq: 20 Mar 2019 6:26

Tgt Ion:164 Resp: 2950
Ion Ratio Lower Upper
164 100
162 99.4 80.2 120.2
160 47.5 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.425 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW203I-20190315

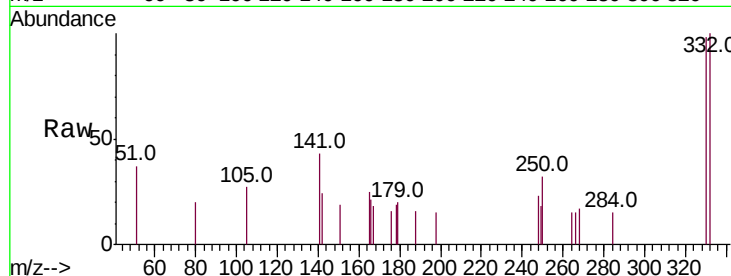
Tot Ion:330 Resp: 633

Ion Ratio Lower Upper

330 100

332 100.0 77.6 116.4

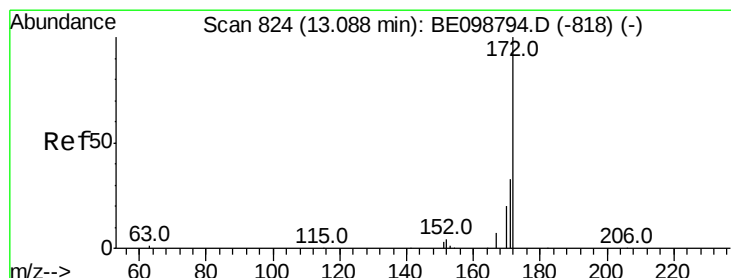
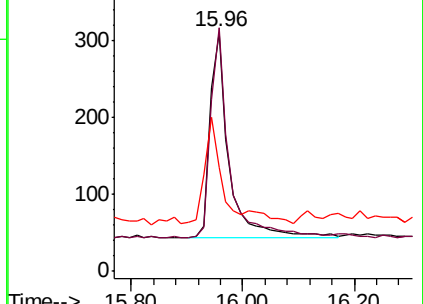
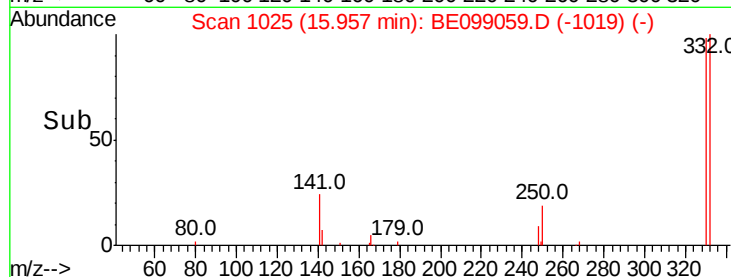
141 40.9 31.0 46.4



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: 0.416 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

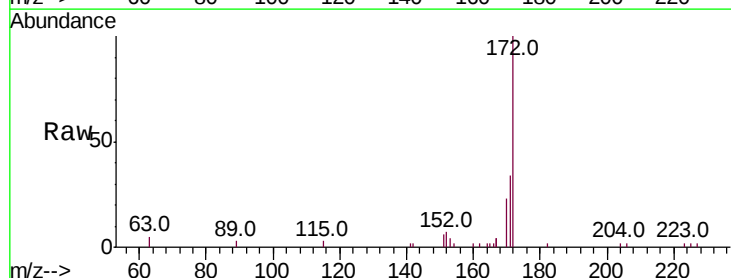
Tgt Ion:172 Resp: 5085

Ion Ratio Lower Upper

172 100

171 34.3 28.0 42.0

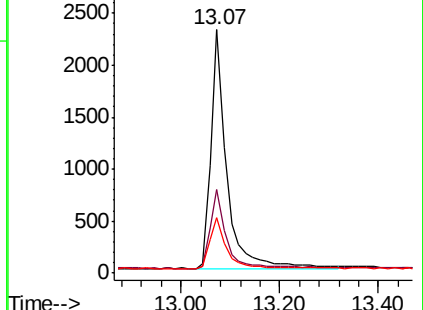
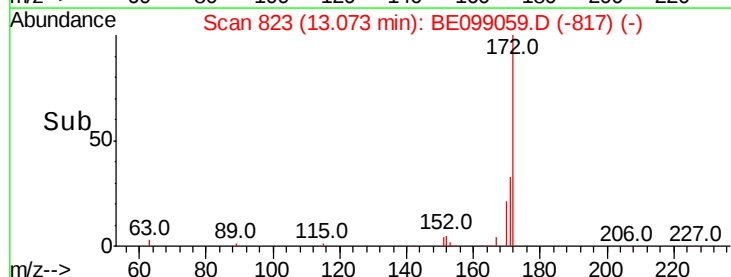
170 22.5 17.7 26.5

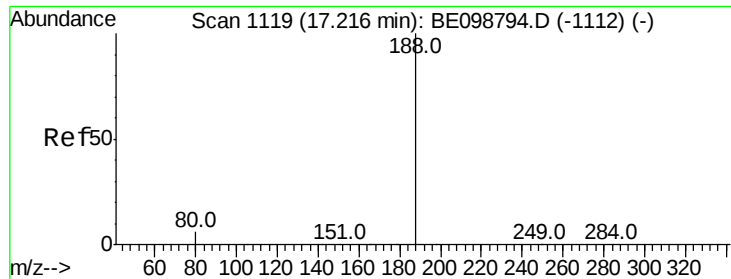


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

Instrument :

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ClientSampleId :

BP-TT-MW203I-20190315

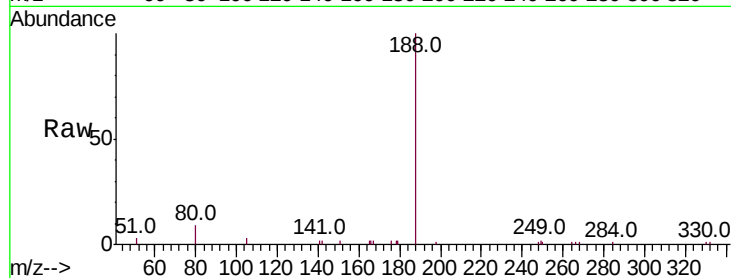
Tot Ion:188 Resp: 7326

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

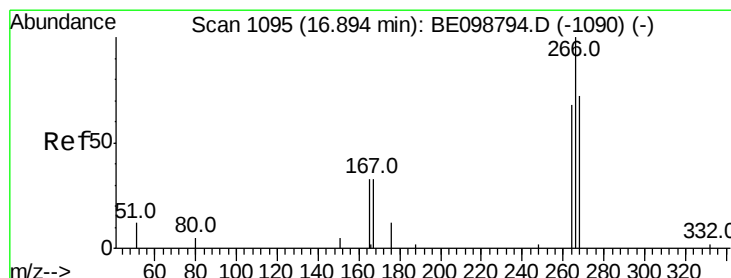
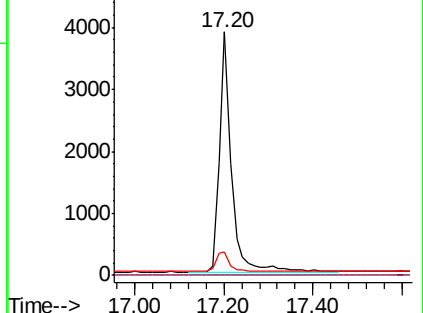
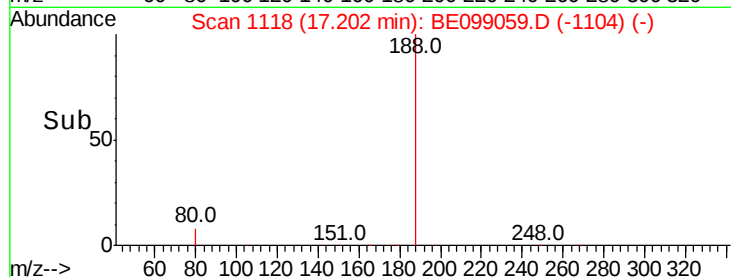
80 9.4 6.3 9.5



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



#22

Pentachlorophenol

Concen: 0.279 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

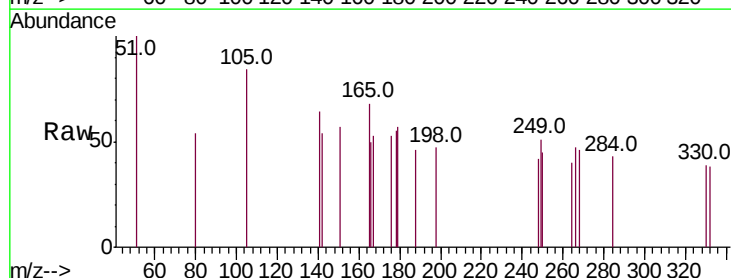
Tgt Ion:266 Resp: 23

Ion Ratio Lower Upper

266 100

264 85.5 66.6 100.0

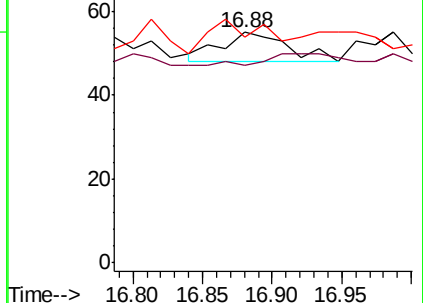
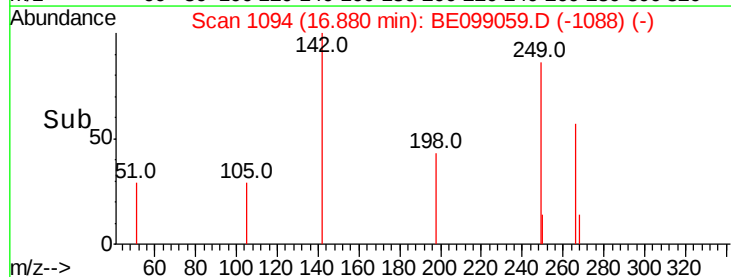
268 98.2 69.8 104.8

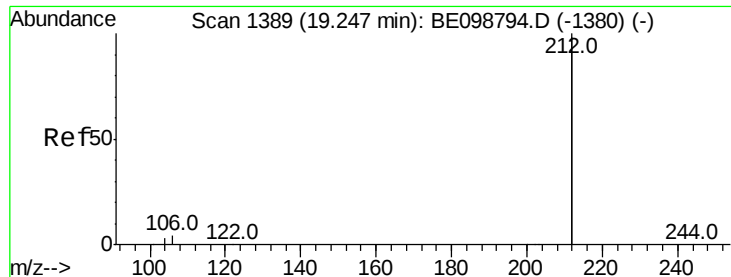


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.333 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

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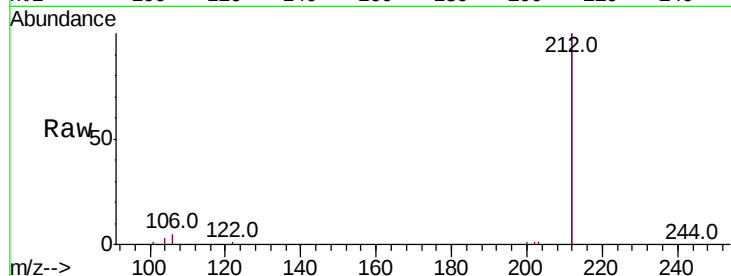
Tot Ion:212 Resp: 38894

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

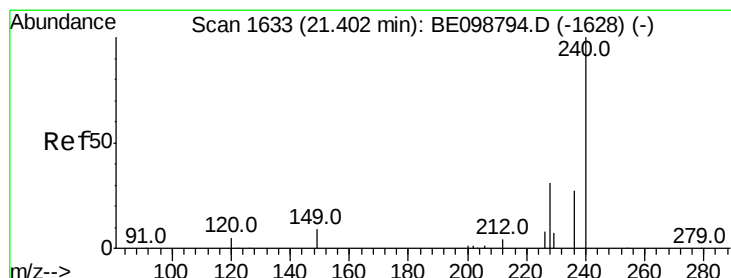
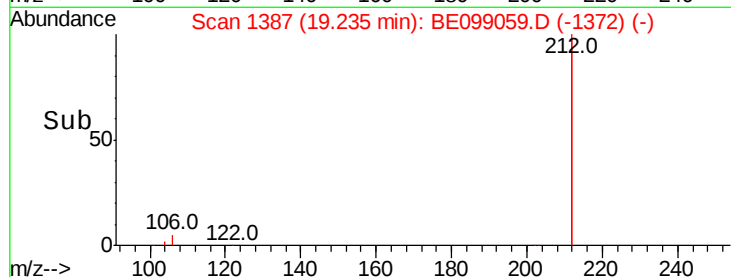
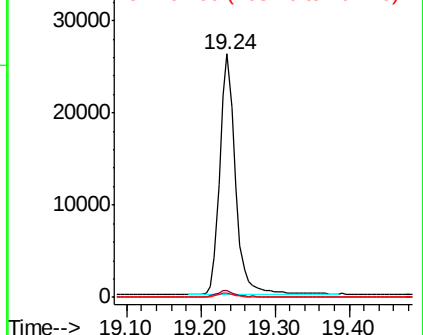
104 1.4 1.0 1.6



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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

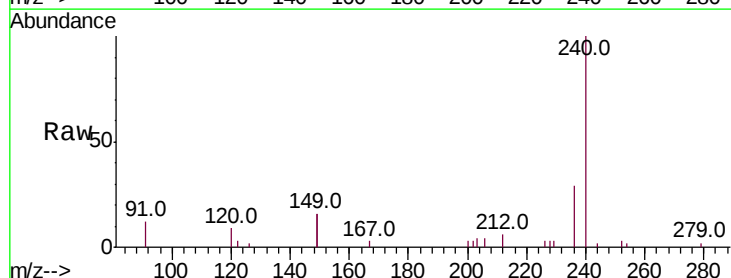
Tgt Ion:240 Resp: 8020

Ion Ratio Lower Upper

240 100

120 8.5 5.0 7.4#

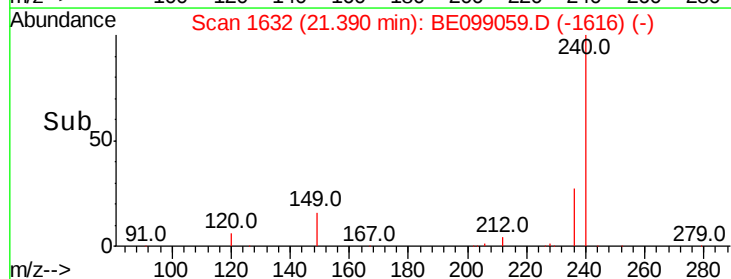
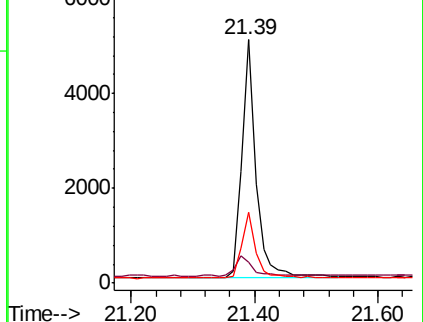
236 28.9 22.7 34.1

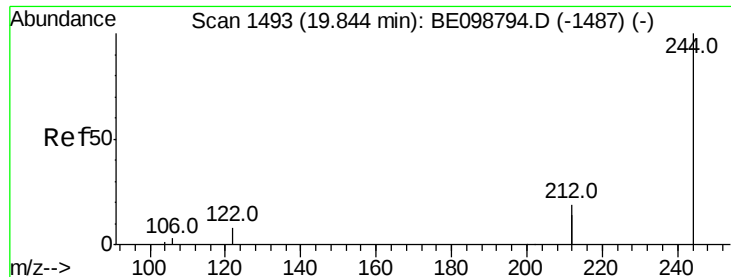


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.373 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

Instrument :

BNA_E

ClientSampleId :

BP-TT-MW203I-20190315

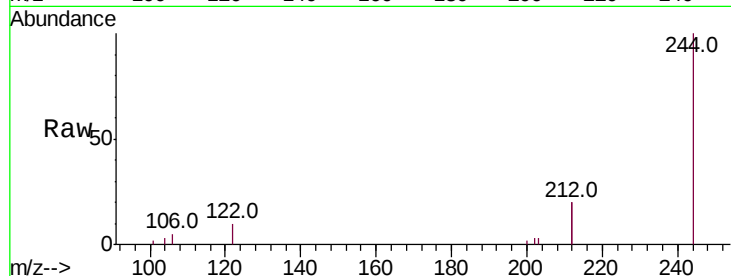
Tot Ion:244 Resp: 7267

Ion Ratio Lower Upper

244 100

212 40.8 29.4 44.2

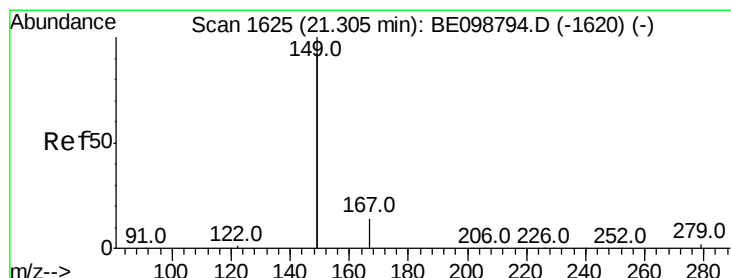
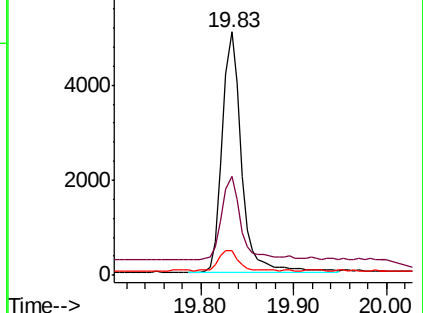
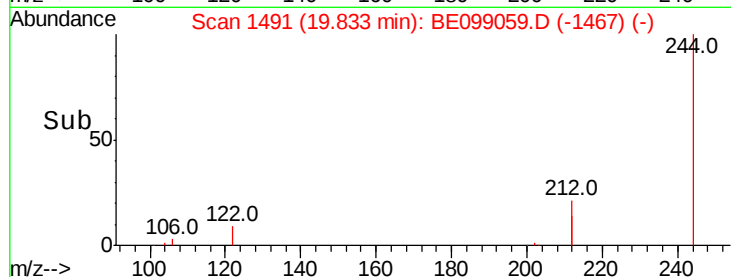
122 10.2 7.1 10.7



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: 0.069 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099059.D

Acq: 20 Mar 2019 6:26

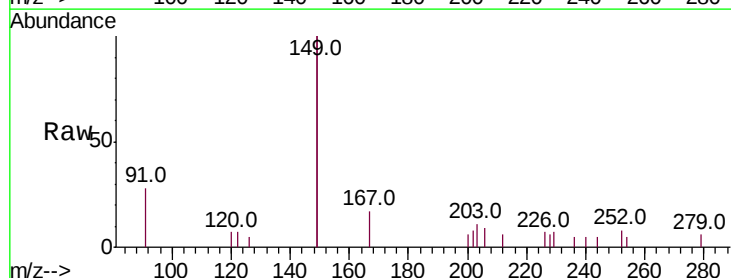
Tgt Ion:149 Resp: 3661

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

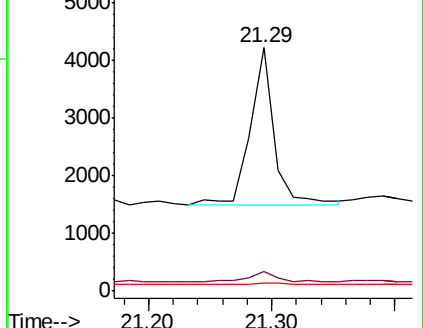
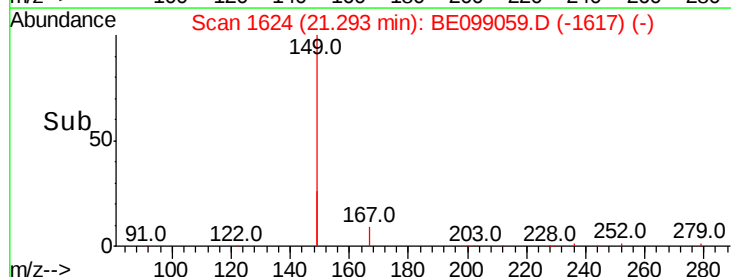
279 0.9 1.0 1.4#



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
Pervlene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BE099059.D
Acq: 20 Mar 2019 6:26

Instrument :
BNA_E
ClientSampleId :
BP-TT-MW203I-20190315

Tot Ion: 264 Resp: 7639
Ion Ratio Lower Upper
264 100
260 25.8 21.2 31.8
265 36.5 24.6 36.8

