

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099053.D
 Acq On : 20 Mar 2019 2:45
 Operator : JU/SJ
 Sample : K1965-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303I2-20190315

Quant Time: Mar 20 05:13:19 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

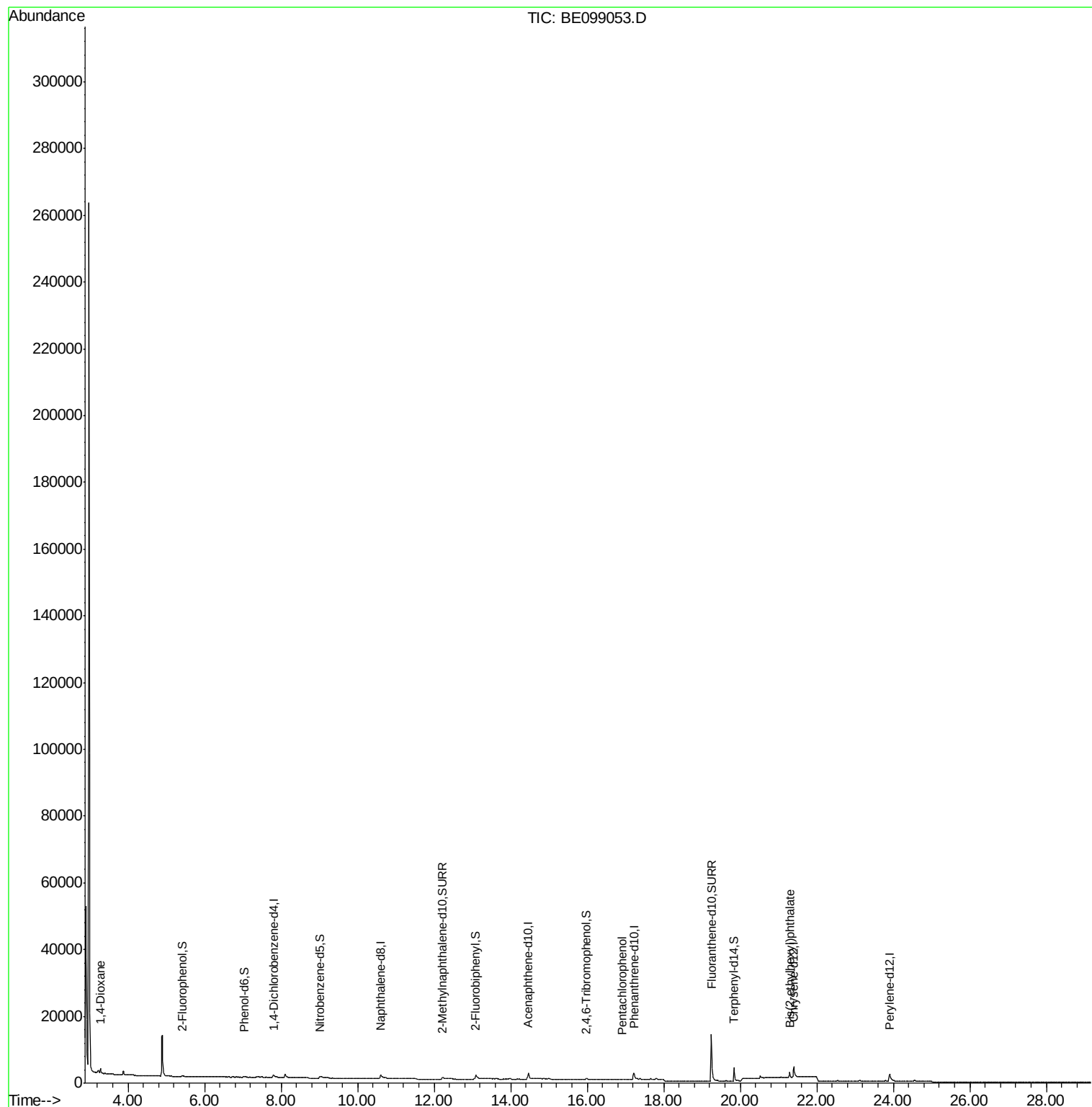
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	609	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2377	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	1771	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	4280	0.40	ng	0.00
27) Chrysene-d12	21.40	240	5265	0.40	ng	0.00
34) Perylene-d12	23.90	264	4844	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	316	0.17	ng	0.04
5) Phenol-d6	7.03	99	189	0.07	ng	0.05
8) Nitrobenzene-d5	9.02	82	824	0.33	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1744	0.40	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	318	0.36	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	2955	0.40	ng	0.00
25) Fluoranthene-d10	19.24	212	26778	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	4911	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	842	0.794	ng	# 90
22) Pentachlorophenol	16.92	266	12	0.277	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.29	149	1797	0.051	ng	# 95

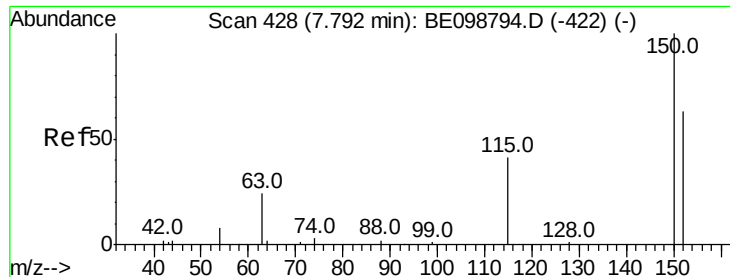
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.00 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190315

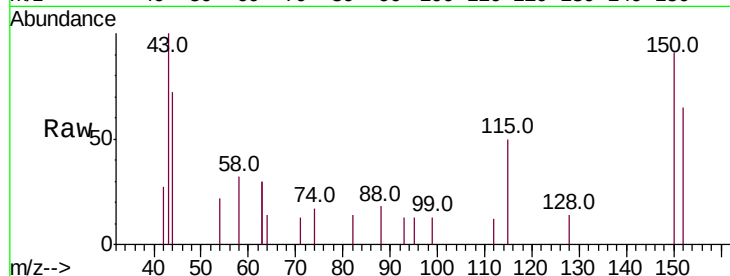
Tot Ion:152 Resp: 609

Ion Ratio Lower Upper

152 100

150 140.1 122.5 183.7

115 77.3 57.4 86.2



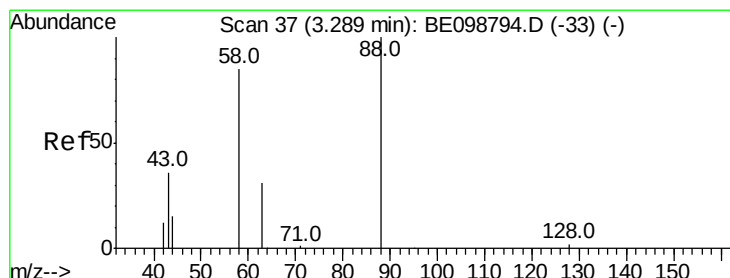
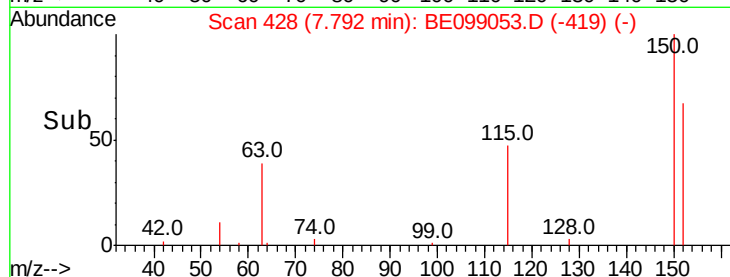
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

7.79

Time-->



#2

1,4-Dioxane

Concen: 0.794 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

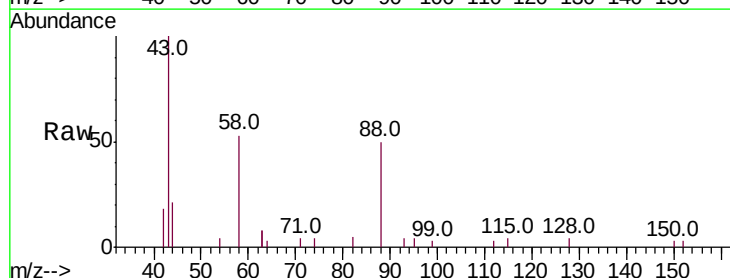
Tgt Ion: 88 Resp: 842

Ion Ratio Lower Upper

88 100

58 93.1 75.8 113.6

43 70.0 41.8 62.8#



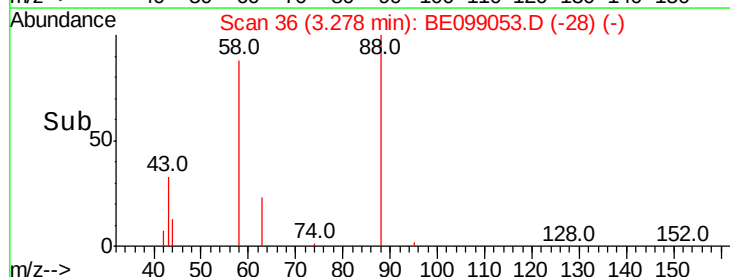
Abundance Ion 88.00 (87.70 to 88.70): BE0

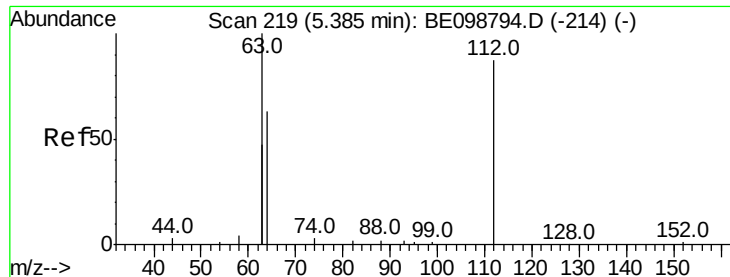
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

3.28

Time-->





#4

2-Fluorophenol

Concen: 0.174 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190315

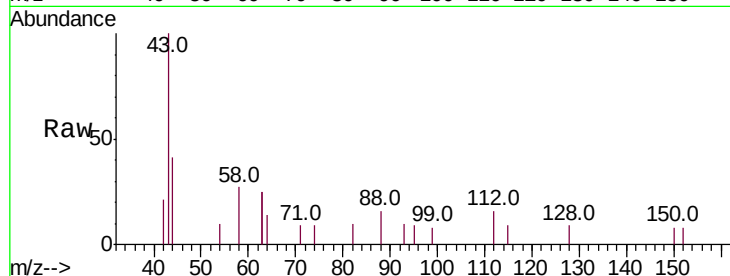
Tot Ion:112 Resp: 316

Ion Ratio Lower Upper

112 100

64 53.5 57.9 86.9#

63 139.6 158.3 237.5#



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

300

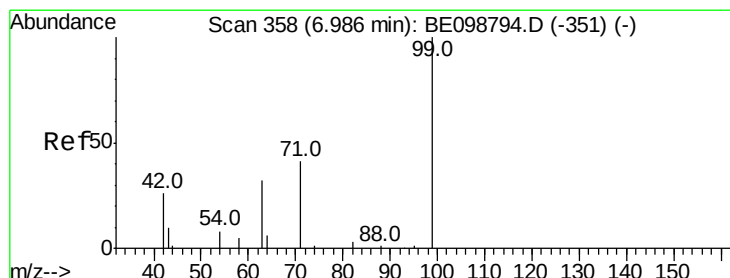
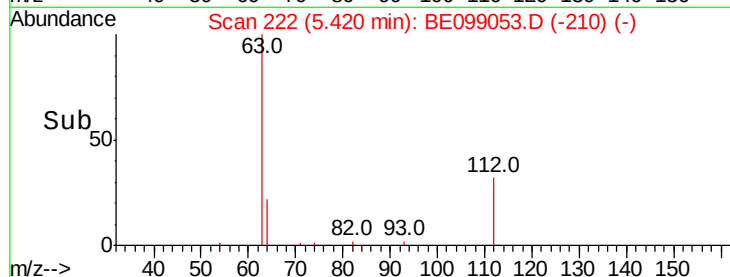
200

100

0

5.20 5.40 5.60

Time-->



#5

Phenol-d6

Concen: 0.073 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

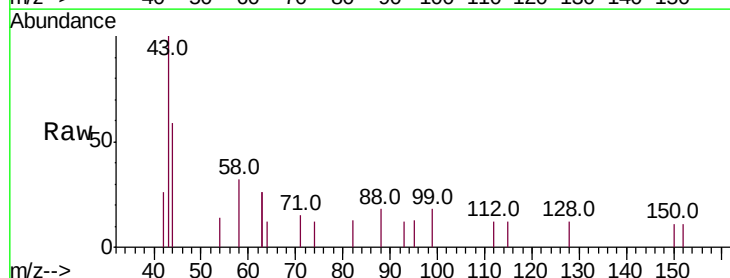
Tgt Ion: 99 Resp: 189

Ion Ratio Lower Upper

99 100

42 24.9 24.2 36.2

71 32.3 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

150

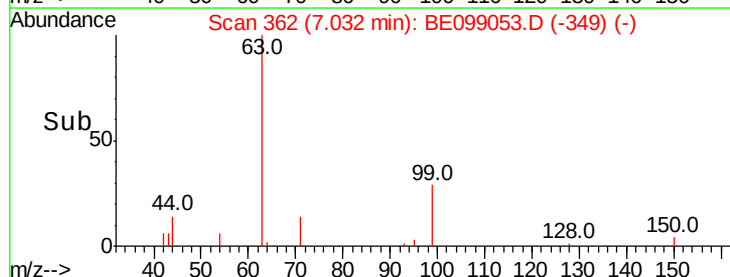
100

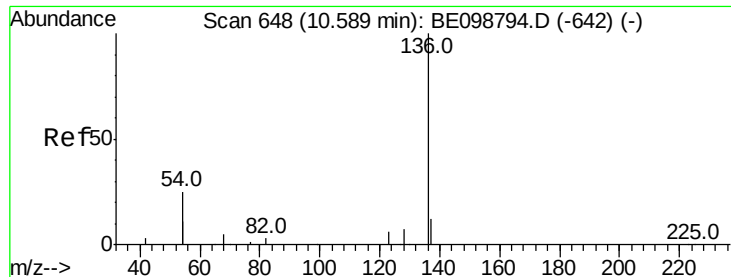
50

0

6.90 7.00 7.10 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30312-20190315

Tot Ion:136 Resp: 2377

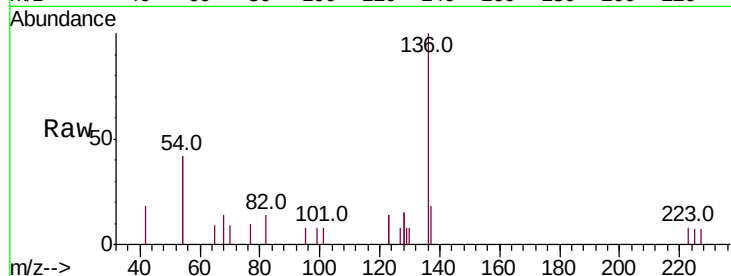
Ion Ratio Lower Upper

136 100

137 18.2 11.4 17.0#

54 83.7 39.3 58.9#

68 13.8 6.7 10.1#

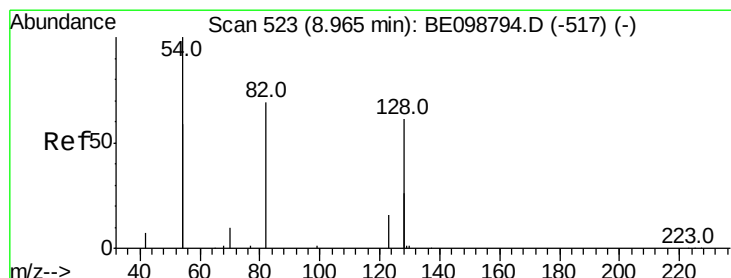
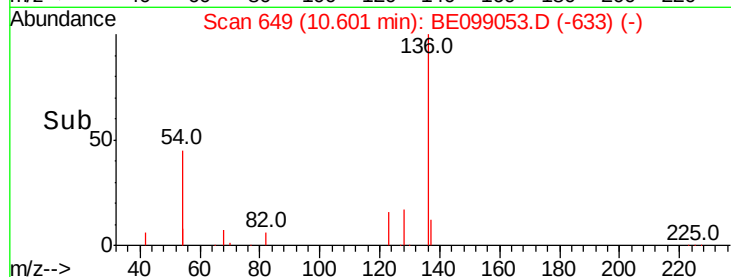
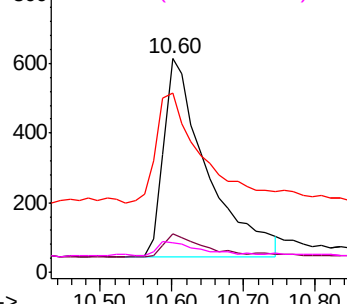


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.331 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

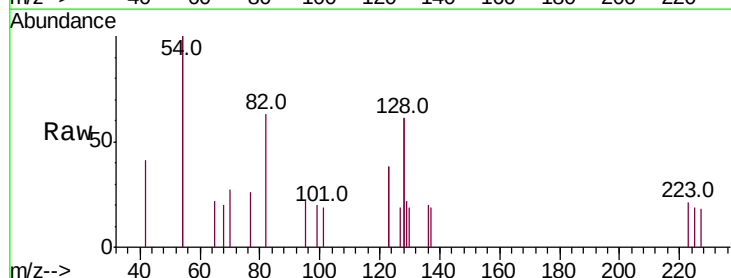
Tgt Ion: 82 Resp: 824

Ion Ratio Lower Upper

82 100

128 193.3 123.8 185.8#

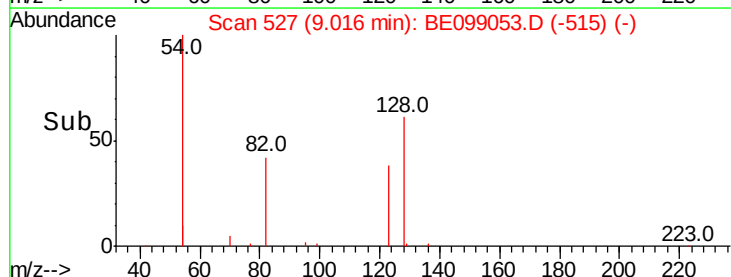
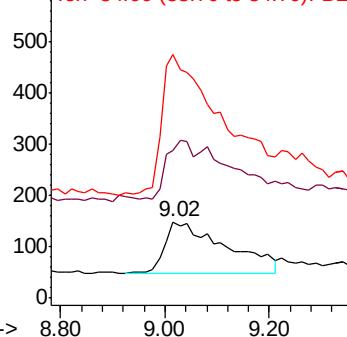
54 318.1 203.4 305.2#

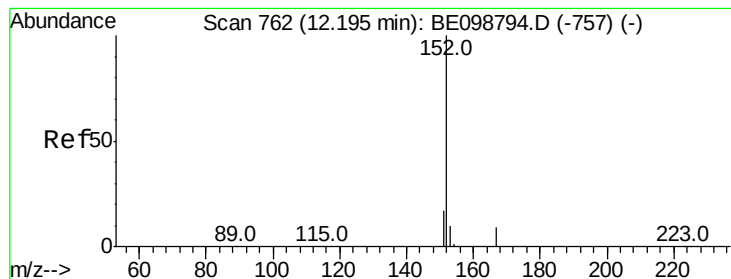


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

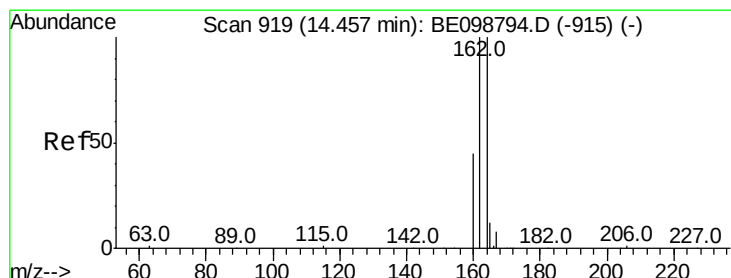
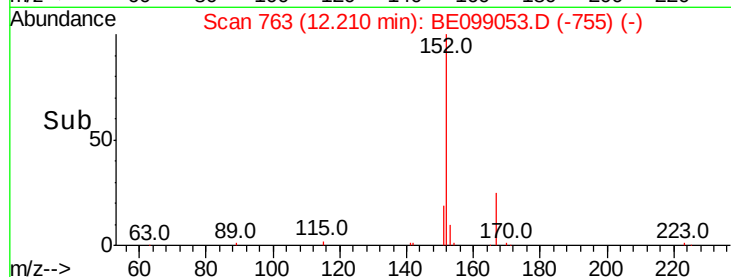
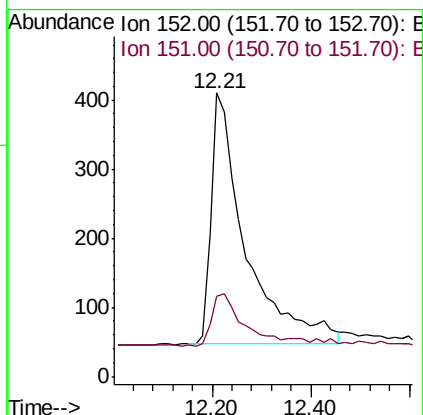
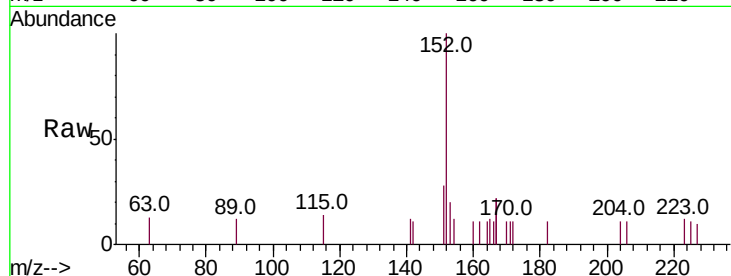




#11
 2-Methylnaphthalene-d10
 Concen: 0.397 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE099053.D
 Acq: 20 Mar 2019 2:45

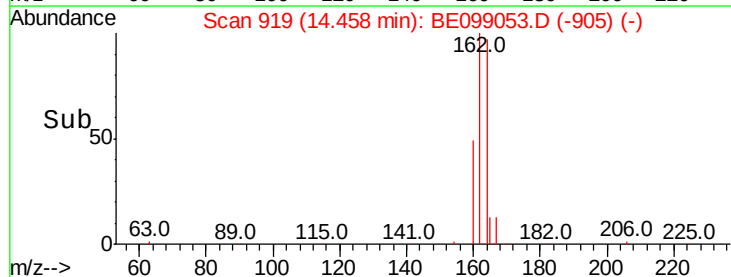
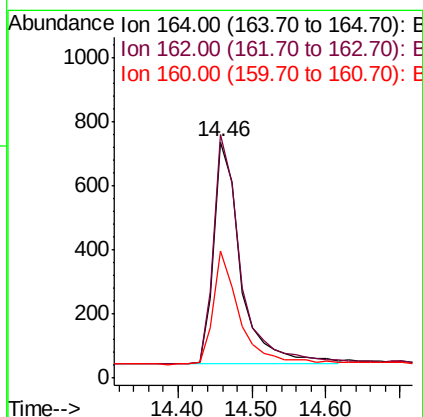
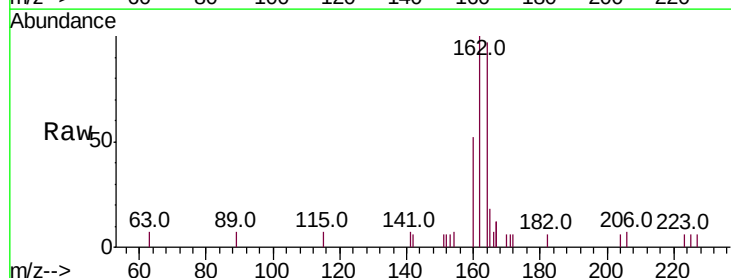
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30312-20190315

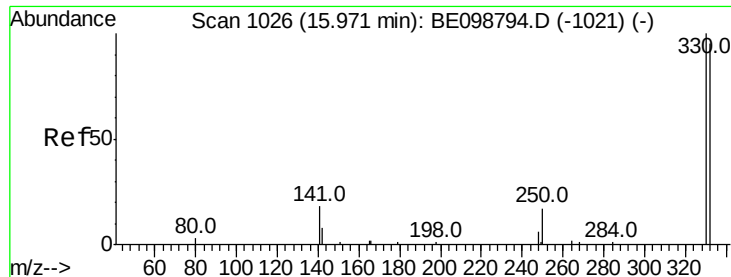
Tot Ion:152 Resp: 1744
 Ion Ratio Lower Upper
 152 100
 151 21.6 16.5 24.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099053.D
 Acq: 20 Mar 2019 2:45

Tgt Ion:164 Resp: 1771
 Ion Ratio Lower Upper
 164 100
 162 103.0 80.2 120.2
 160 53.9 37.8 56.8





#14

2,4,6-Tribromophenol

Concen: 0.356 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190315

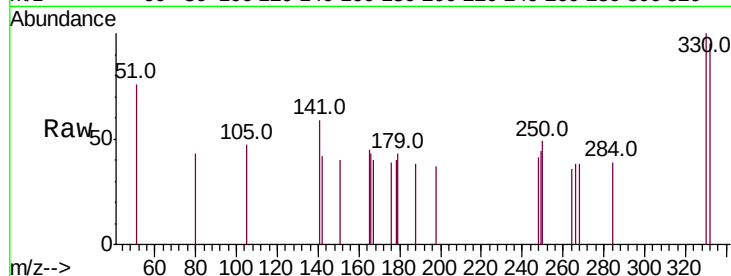
Tot Ion:330 Resp: 318

Ion Ratio Lower Upper

330 100

332 86.8 77.6 116.4

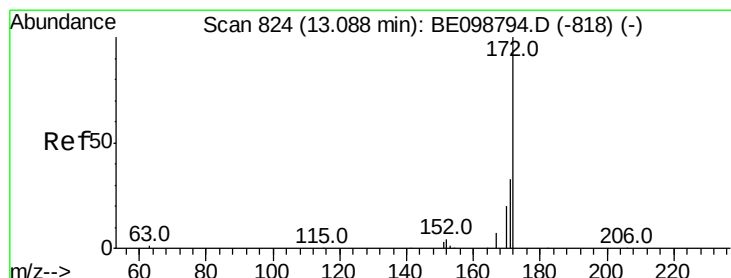
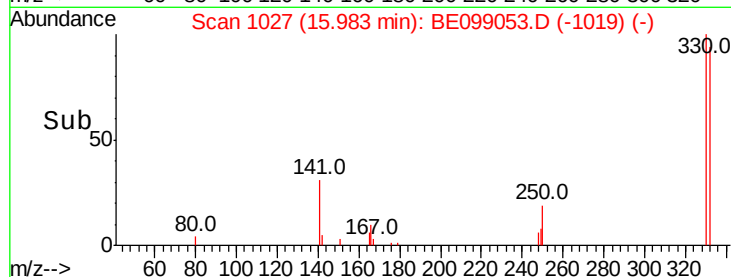
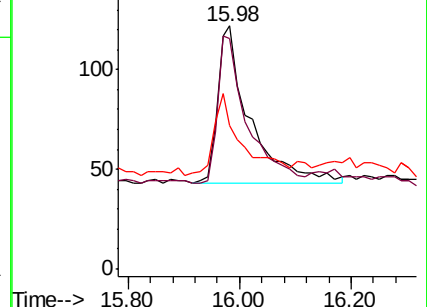
141 45.0 31.0 46.4



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: 0.403 ng

RT: 13.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

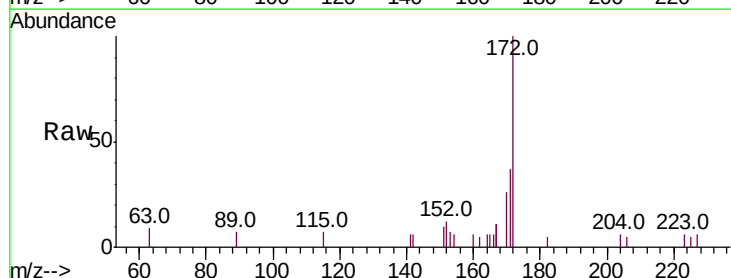
Tgt Ion:172 Resp: 2955

Ion Ratio Lower Upper

172 100

171 37.0 28.0 42.0

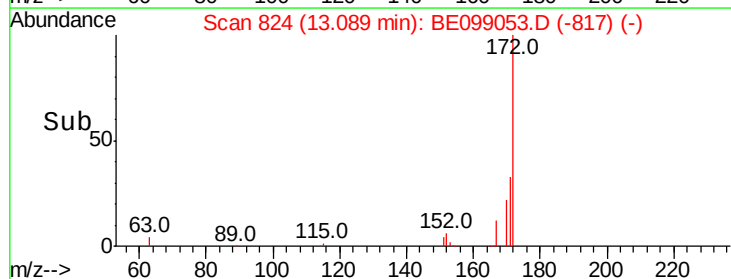
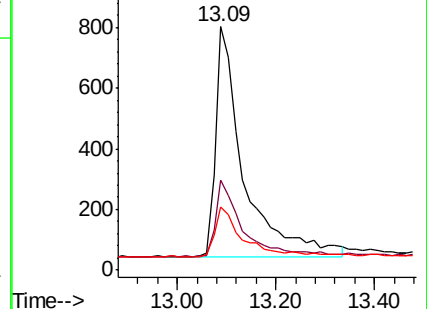
170 26.2 17.7 26.5

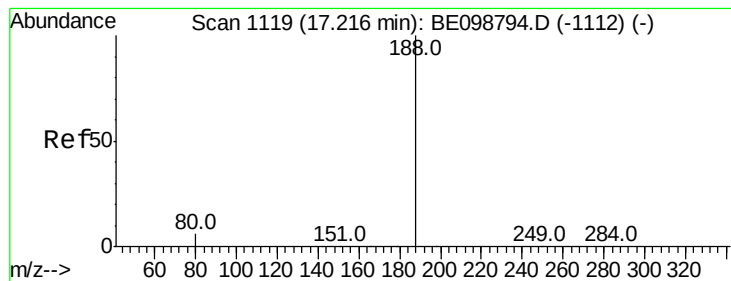


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE099053.D

Acq: 20 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190315

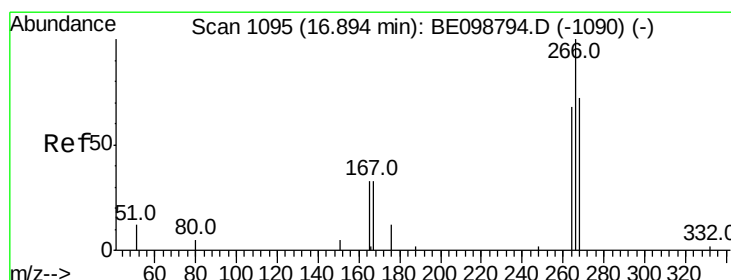
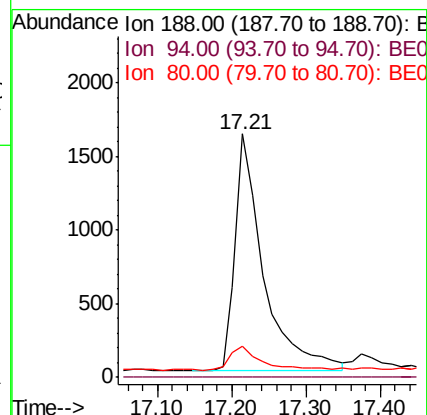
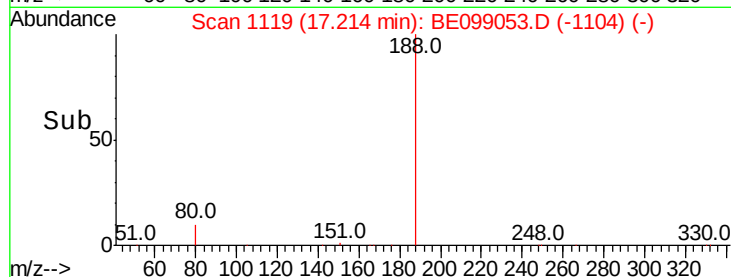
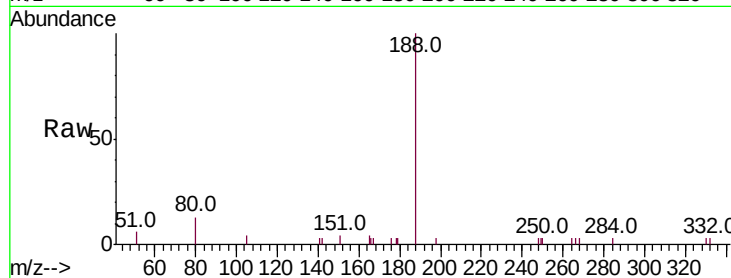
Tot Ion:188 Resp: 4280

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.0 6.3 9.5#



#22

Pentachlorophenol

Concen: 0.277 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.03 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

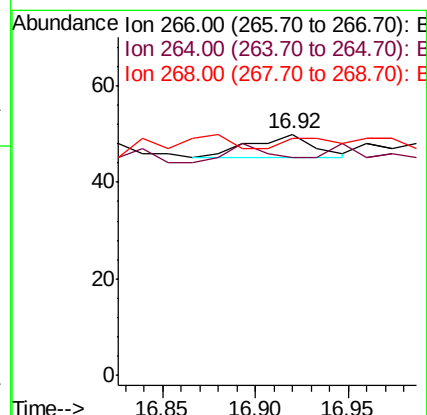
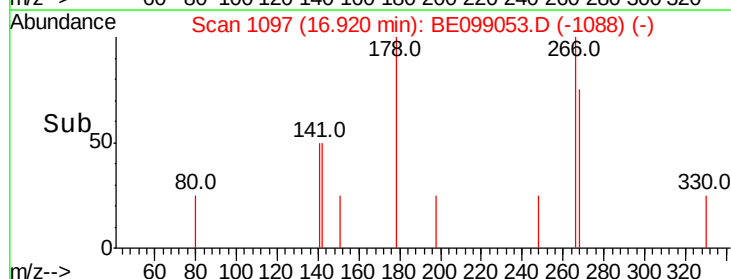
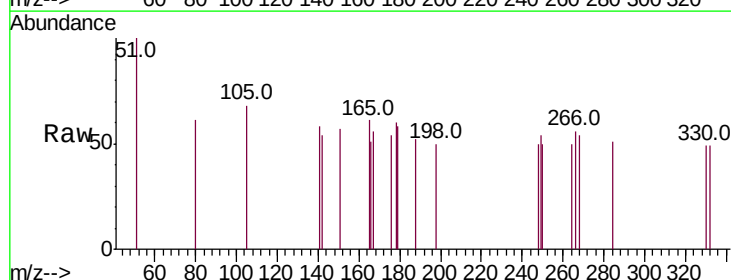
Tgt Ion:266 Resp: 12

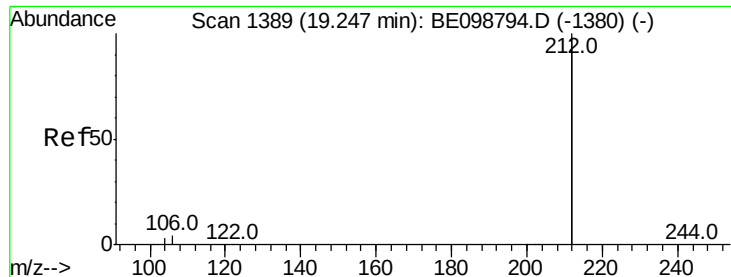
Ion Ratio Lower Upper

266 100

264 90.0 66.6 100.0

268 98.0 69.8 104.8





#25

Fluoranthene-d10

Concen: 0.392 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190315

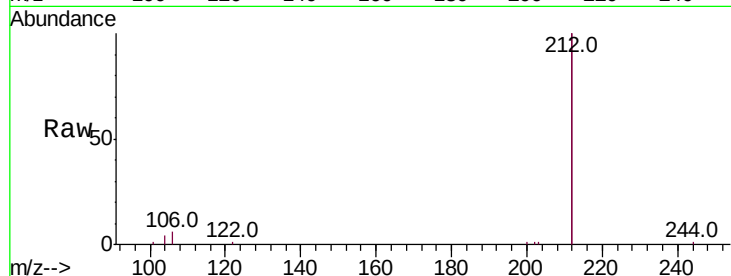
Tot Ion:212 Resp: 26778

Ion Ratio Lower Upper

212 100

106 2.5 1.8 2.8

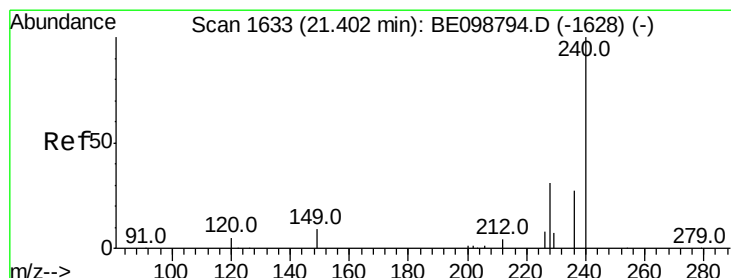
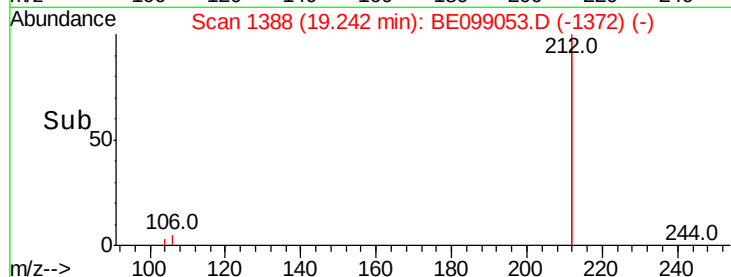
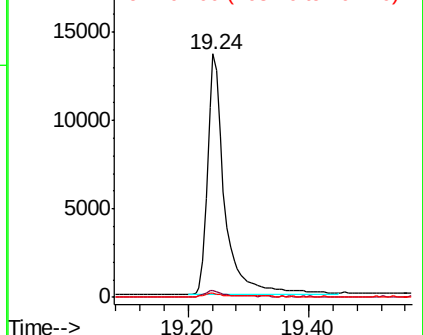
104 1.5 1.0 1.6



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: BE099053.D

Acq: 20 Mar 2019 2:45

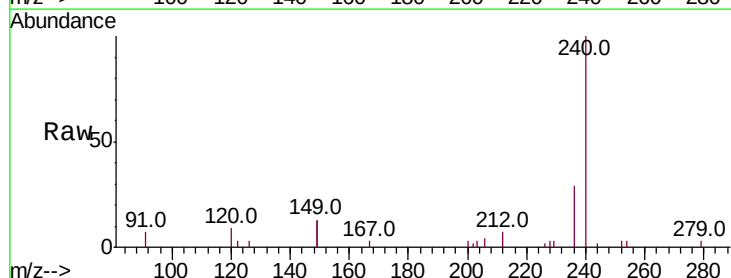
Tgt Ion:240 Resp: 5265

Ion Ratio Lower Upper

240 100

120 9.1 5.0 7.4#

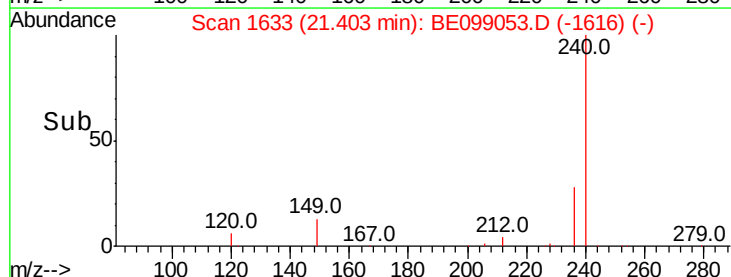
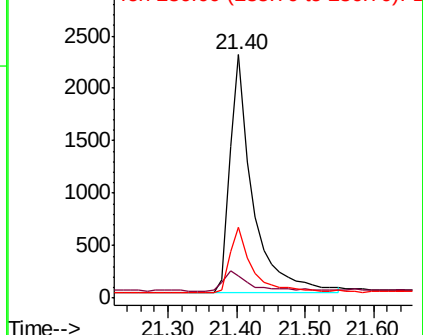
236 29.1 22.7 34.1

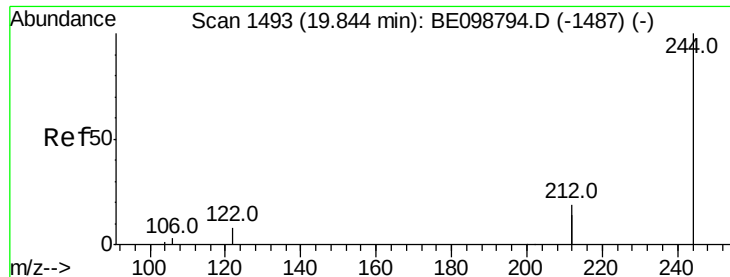


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190315

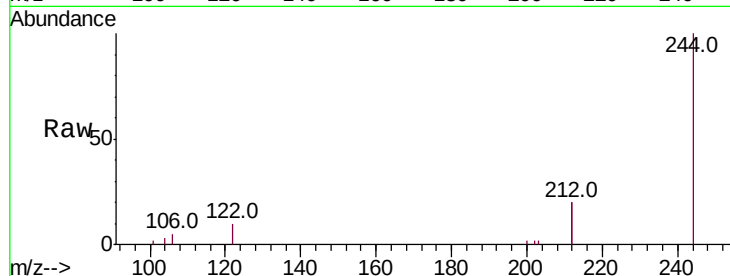
Tot Ion:244 Resp: 4911

Ion Ratio Lower Upper

244 100

212 39.4 29.4 44.2

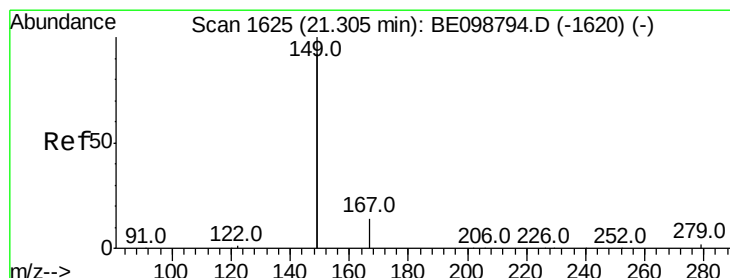
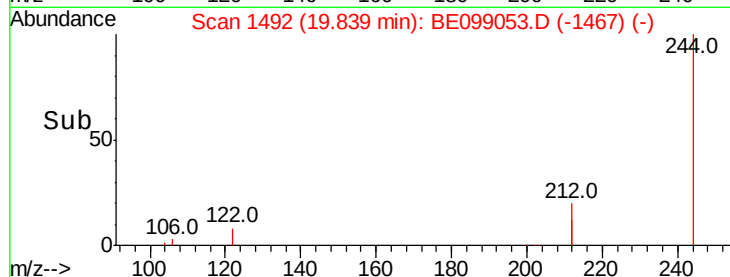
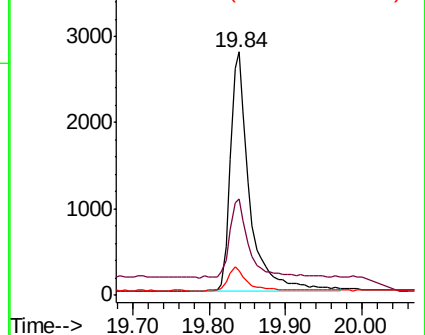
122 10.0 7.1 10.7



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: 0.051 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

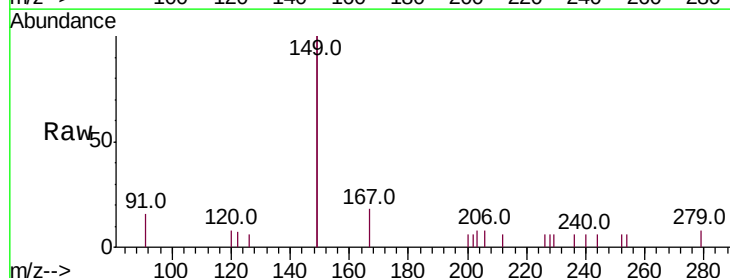
Tgt Ion:149 Resp: 1797

Ion Ratio Lower Upper

149 100

167 8.5 5.4 8.0#

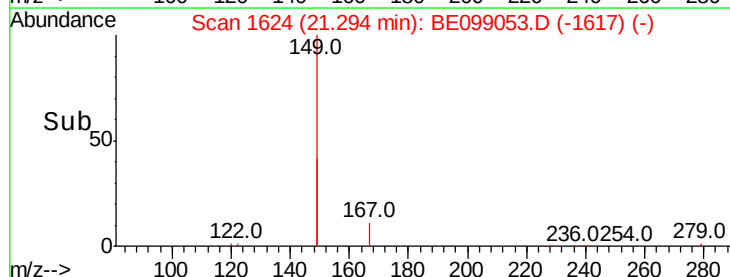
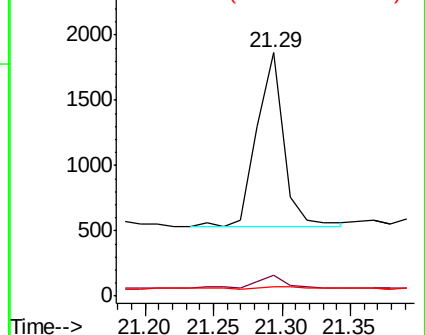
279 1.8 1.0 1.4#

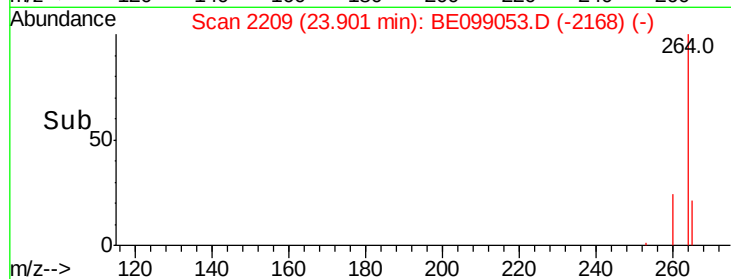
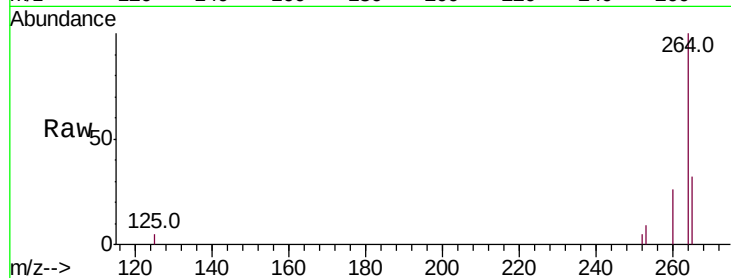
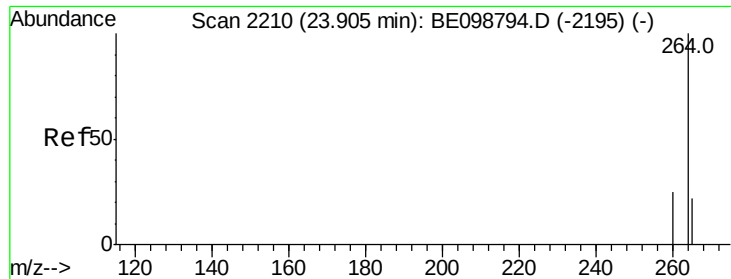


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.90 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BE099053.D

Acq: 20 Mar 2019 2:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190315

Tot Ion:264 Resp: 4844

Ion Ratio Lower Upper

264 100

260 26.4 21.2 31.8

265 32.4 24.6 36.8

