

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099049.D
 Acq On : 20 Mar 2019 00:16
 Operator : JU/SJ
 Sample : K1965-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW311I-20190314

Quant Time: Mar 20 05:12:48 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

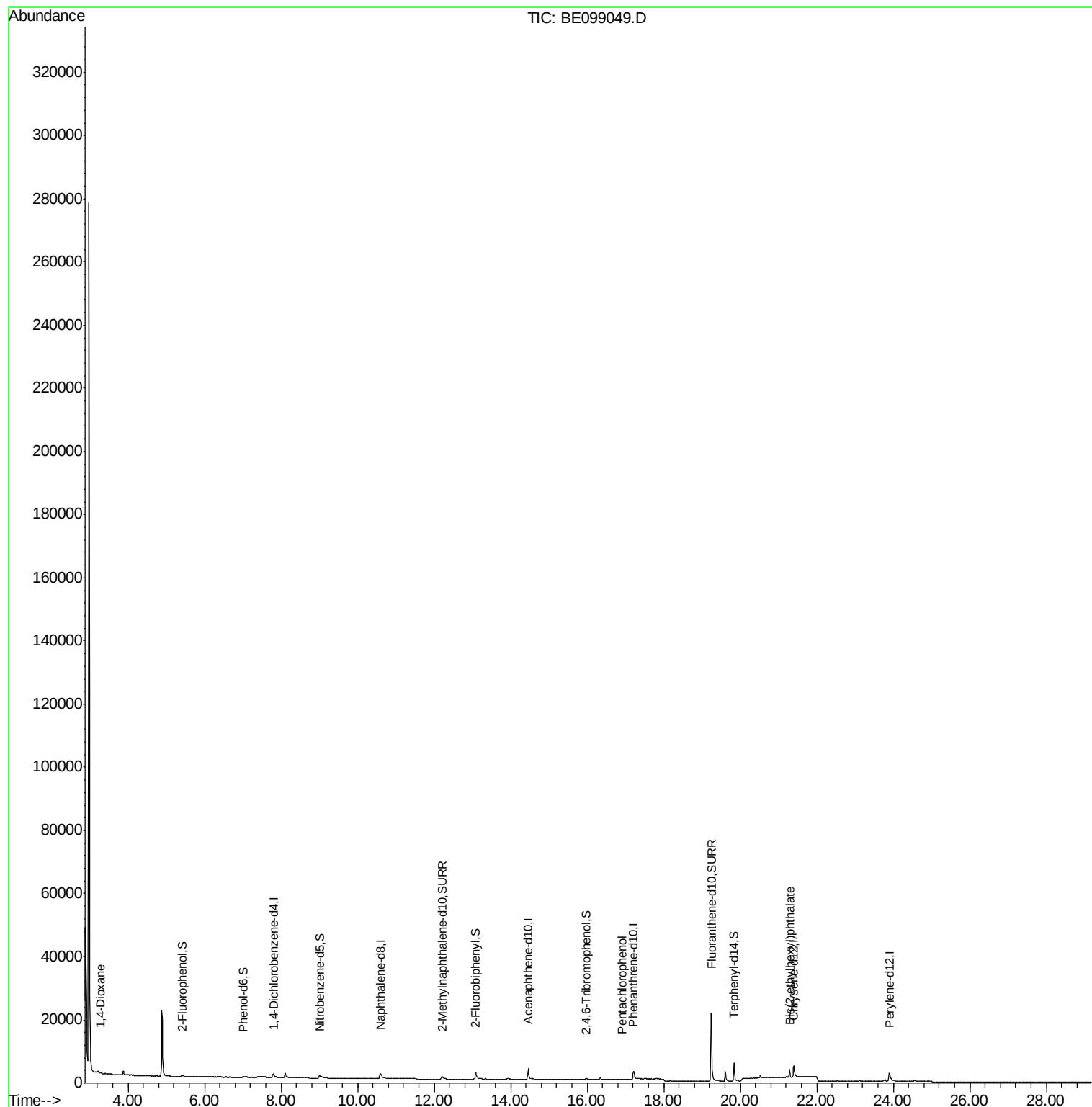
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	795	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3261	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2368	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5325	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6446	0.40	ng	0.00
34) Perylene-d12	23.90	264	5923	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	383	0.16	ng	0.03
5) Phenol-d6	7.01	99	308	0.09	ng	0.03
8) Nitrobenzene-d5	9.00	82	1357	0.40	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2503	0.42	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	439	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4158	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	37010	0.44	ng	0.00
29) Terphenyl-d14	19.84	244	6549	0.42	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	238	0.090	ng	Qvalue # 70
22) Pentachlorophenol	16.91	266	86	0.338	ng	94
32) Bis(2-ethylhexyl)phthalate	21.29	149	3094	0.072	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: BE099049.D

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ClientSampleId :

BPS1-TT-MW311I-20190314

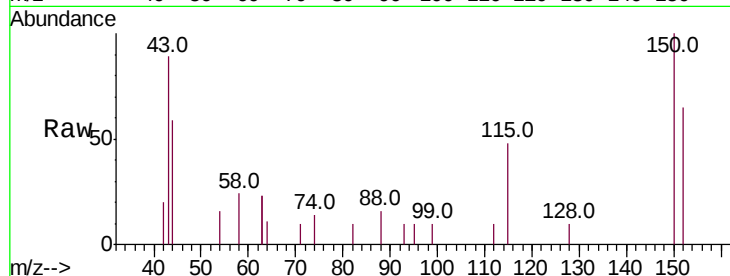
Tot Ion:152 Resp: 795

Ion Ratio Lower Upper

152 100

150 152.7 122.5 183.7

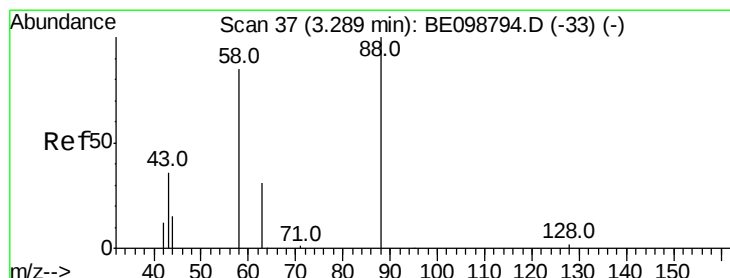
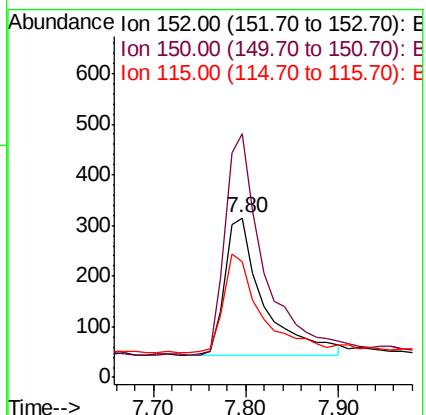
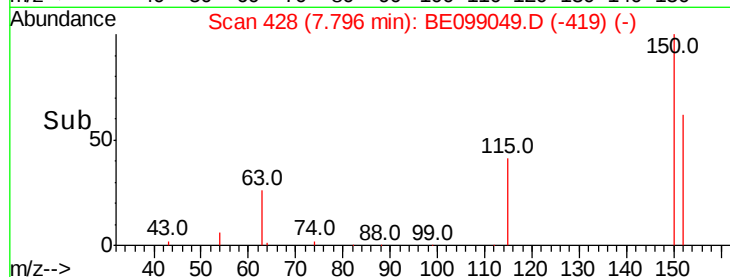
115 72.7 57.4 86.2



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: 0.090 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE099049.D

Acq: 20 Mar 2019 00:16

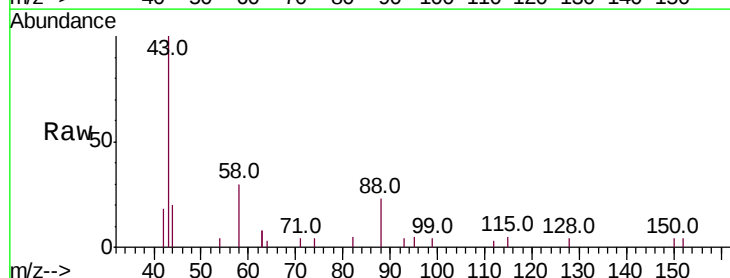
Tgt Ion: 88 Resp: 238

Ion Ratio Lower Upper

88 100

58 100.4 75.8 113.6

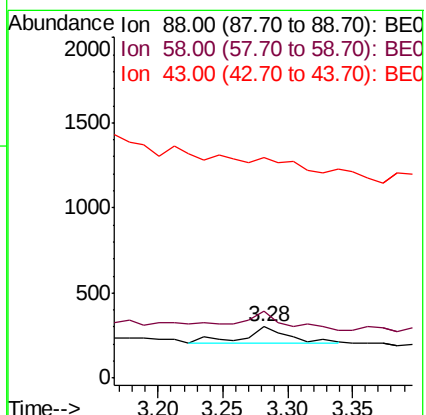
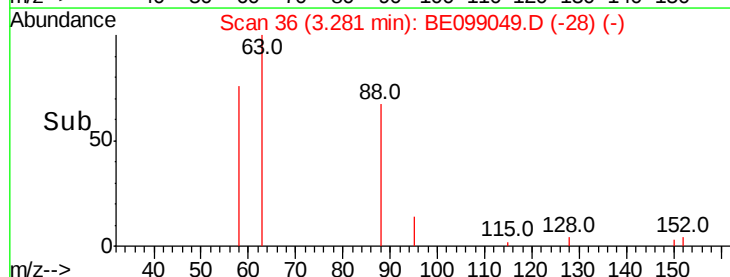
43 0.0 41.8 62.8#



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: 0.161 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.03 min

Lab File: BE099049.D

Acq: 20 Mar 2019 00:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311I-20190314

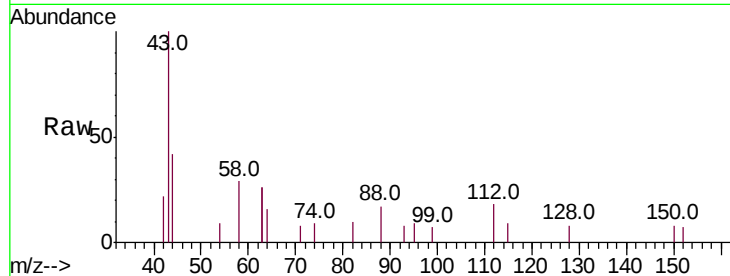
Tot Ion:112 Resp: 383

Ion Ratio Lower Upper

112 100

64 94.8 57.9 86.9#

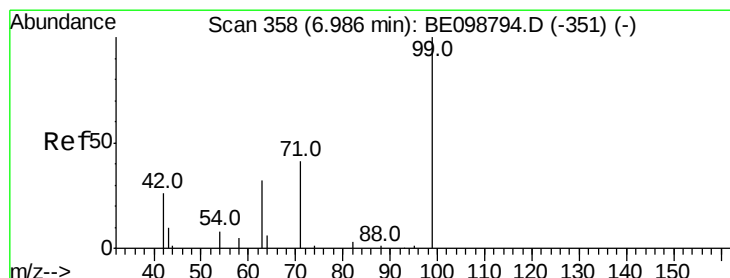
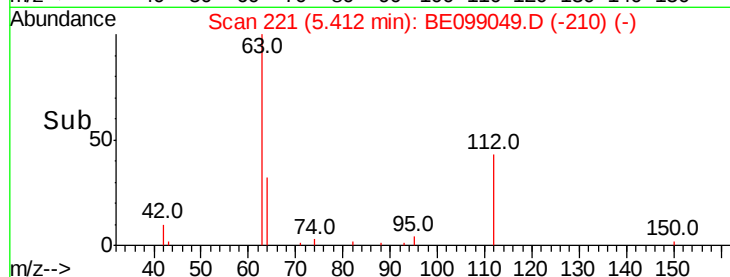
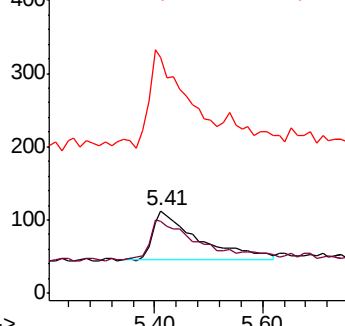
63 165.0 158.3 237.5



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: 0.092 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.03 min

Lab File: BE099049.D

Acq: 20 Mar 2019 00:16

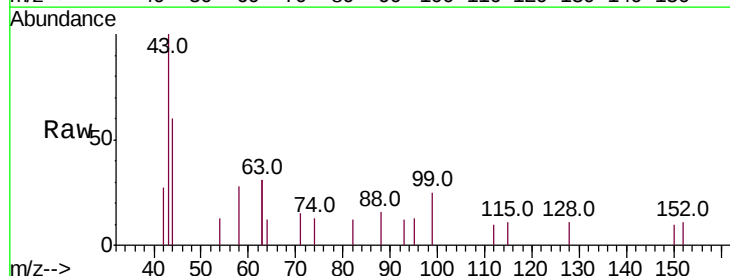
Tgt Ion: 99 Resp: 308

Ion Ratio Lower Upper

99 100

42 34.4 24.2 36.2

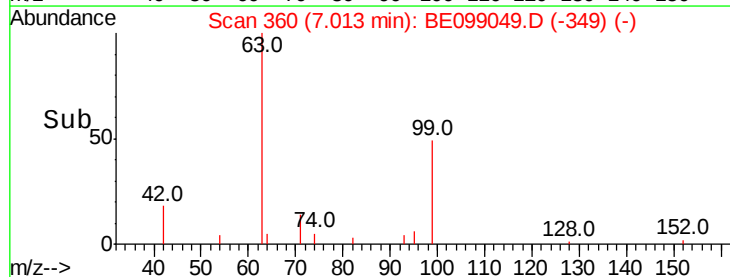
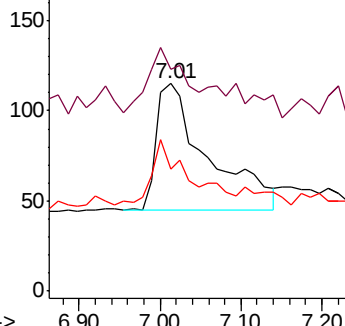
71 36.7 35.7 53.5



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: BE099049.D

Acq: 20 Mar 2019 00:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311I-20190314

Tot Ion:136 Resp: 3261

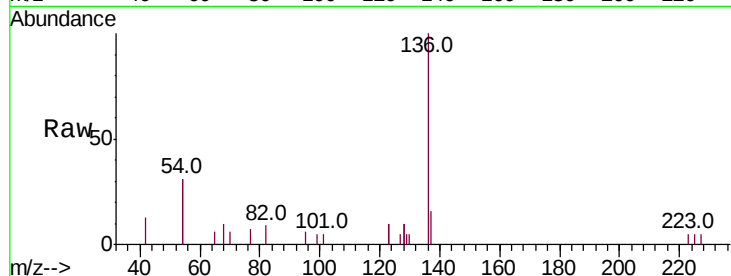
Ion Ratio Lower Upper

136 100

137 16.2 11.4 17.0

54 61.8 39.3 58.9#

68 10.3 6.7 10.1#

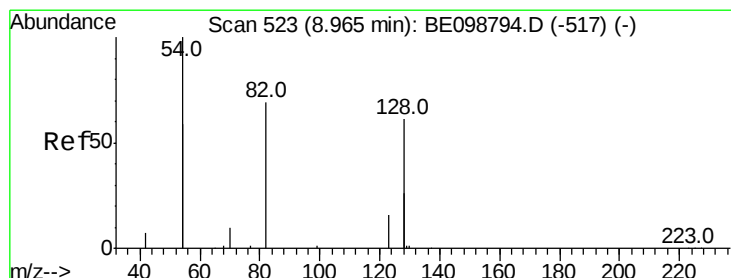
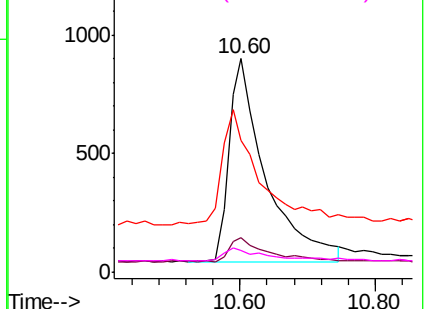
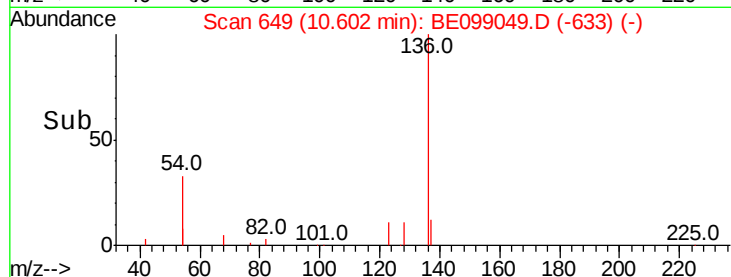


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.397 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE099049.D

Acq: 20 Mar 2019 00:16

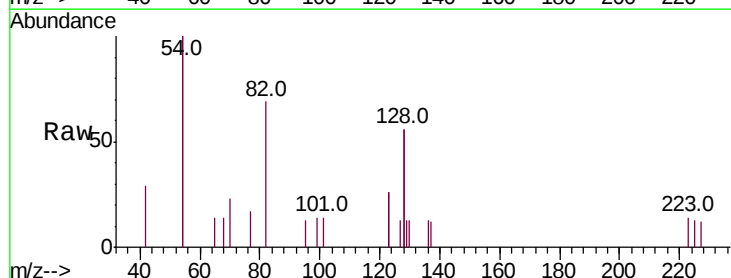
Tgt Ion: 82 Resp: 1357

Ion Ratio Lower Upper

82 100

128 162.1 123.8 185.8

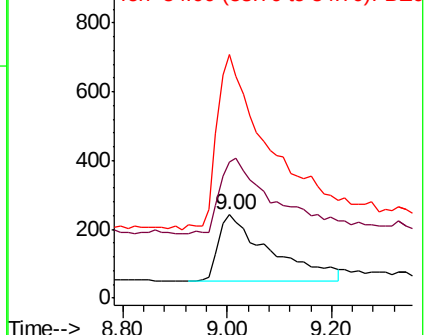
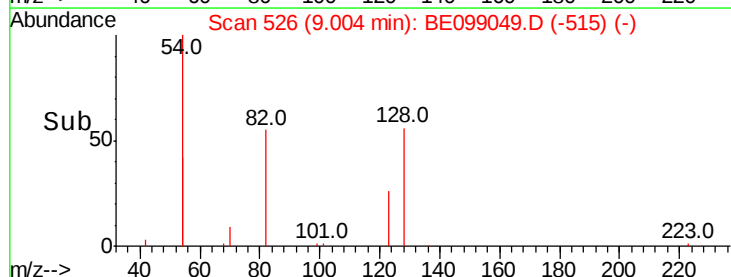
54 291.4 203.4 305.2

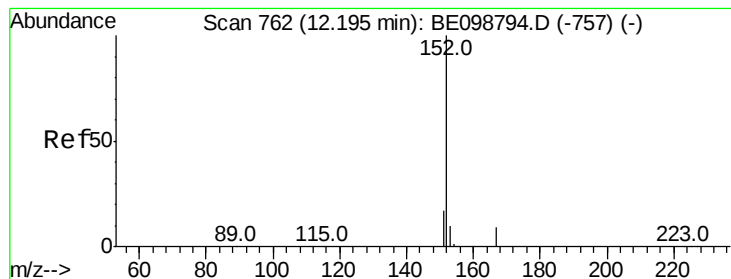


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

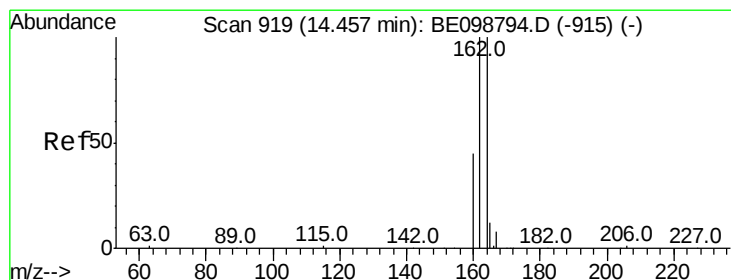
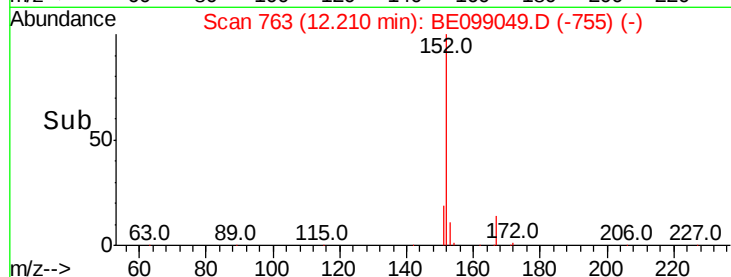
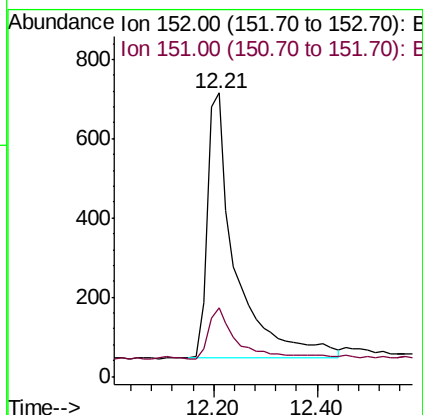
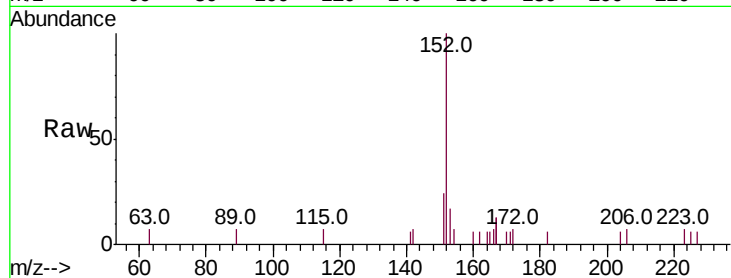




#11
 2-Methylnaphthalene-d10
 Concen: 0.415 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: BE099049.D
 Acq: 20 Mar 2019 00:16

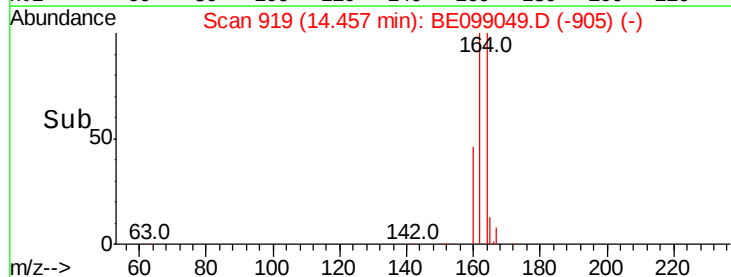
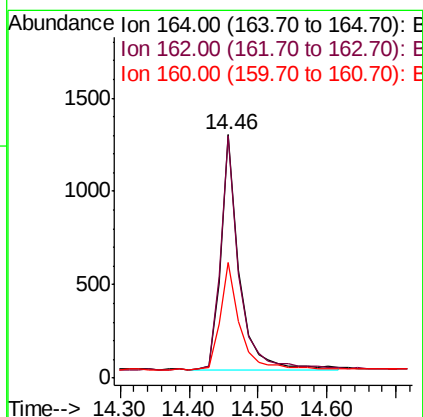
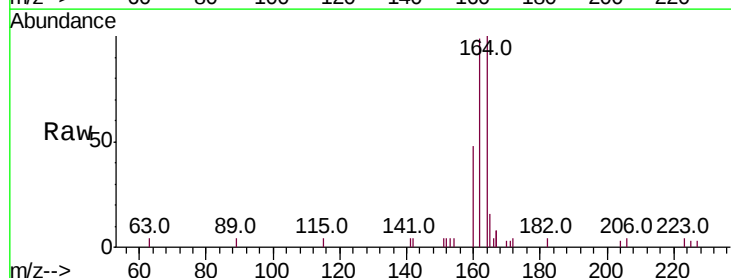
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW311I-20190314

Tot Ion:152 Resp: 2503
 Ion Ratio Lower Upper
 152 100
 151 20.0 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: BE099049.D
 Acq: 20 Mar 2019 00:16

Tgt Ion:164 Resp: 2368
 Ion Ratio Lower Upper
 164 100
 162 99.5 80.2 120.2
 160 47.6 37.8 56.8

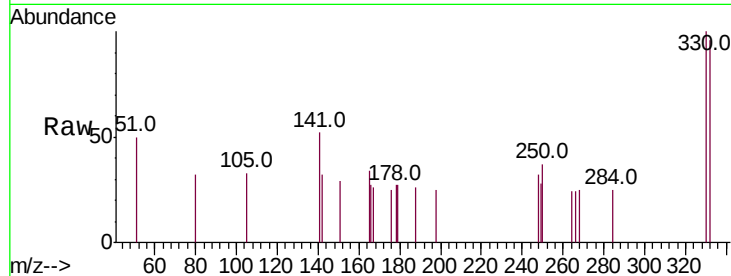




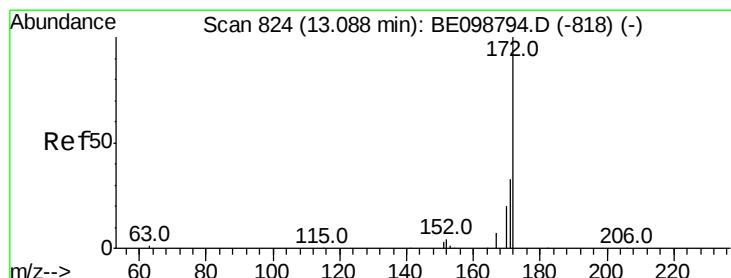
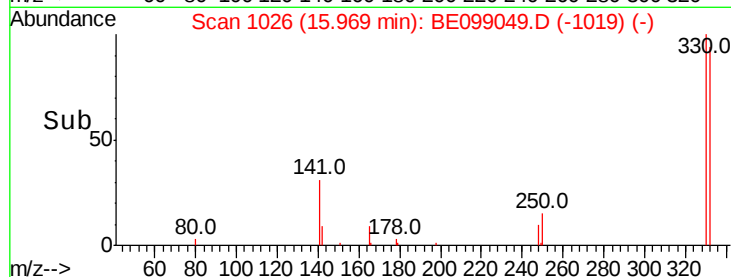
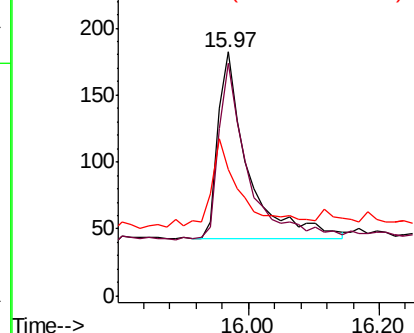
#14
 2,4,6-Tribromophenol
 Concen: 0.367 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE099049.D
 Acq: 20 Mar 2019 00:16

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW311I-20190314

Tot Ion:330 Resp: 439
 Ion Ratio Lower Upper
 330 100
 332 90.7 77.6 116.4
 141 42.8 31.0 46.4

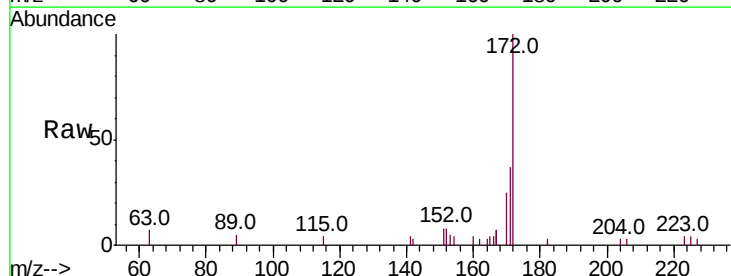


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

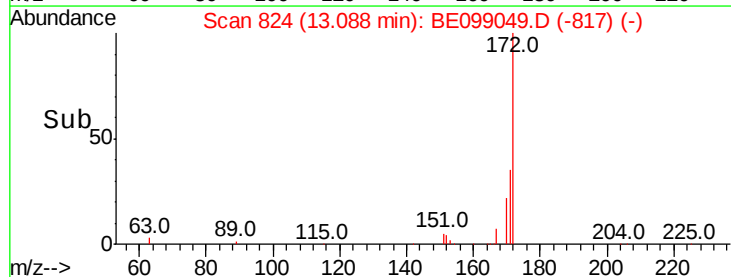
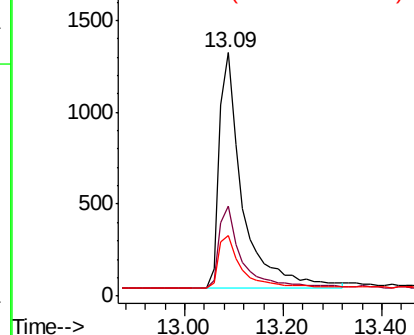


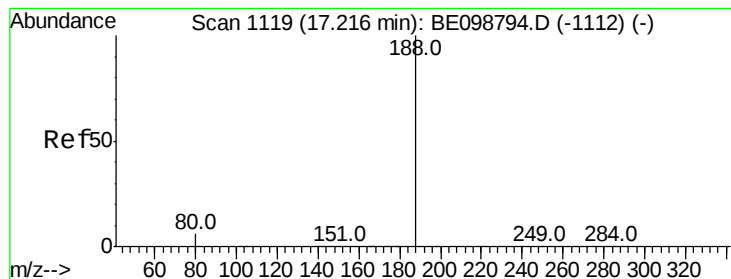
#15
 2-Fluorobiphenyl
 Concen: 0.424 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE099049.D
 Acq: 20 Mar 2019 00:16

Tgt Ion:172 Resp: 4158
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.0 42.0
 170 25.0 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: BE099049.D

Acq: 20 Mar 2019 00:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311I-20190314

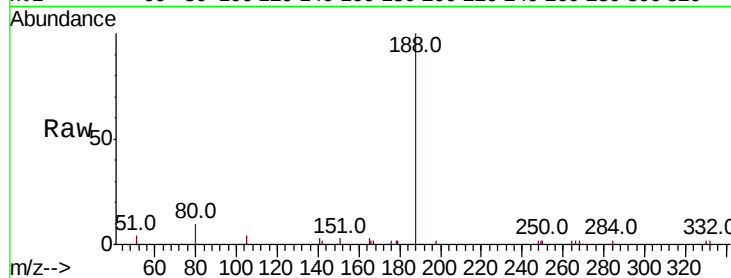
Tot Ion:188 Resp: 5325

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

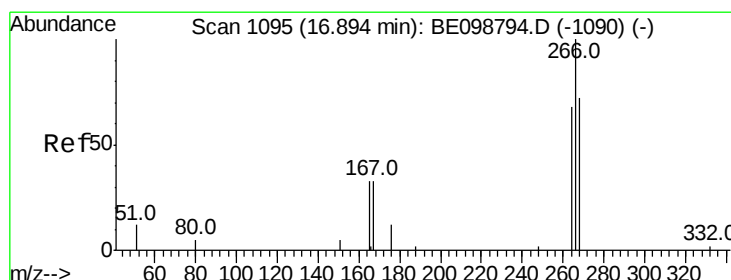
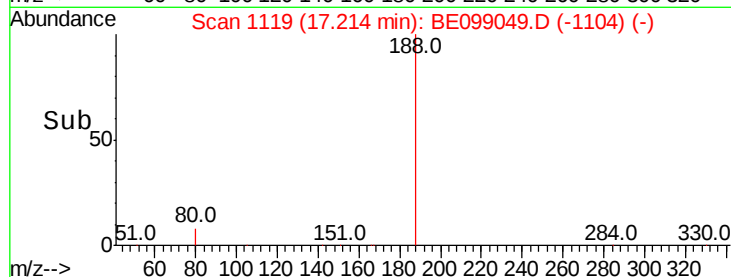
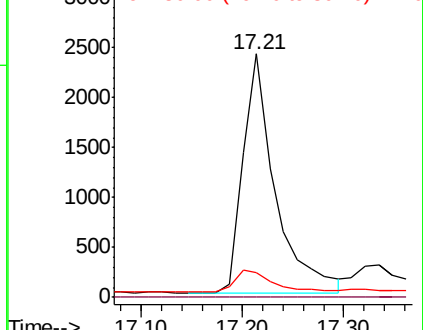
80 10.4 6.3 9.5#



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: 0.338 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE099049.D

Acq: 20 Mar 2019 00:16

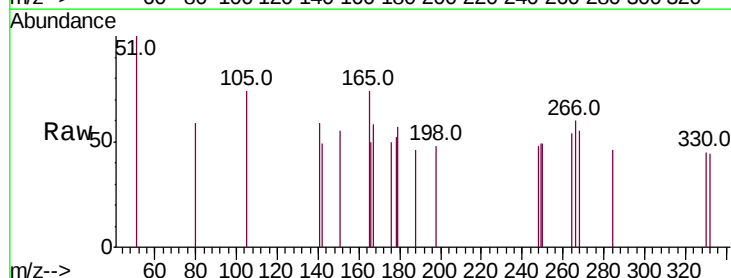
Tgt Ion:266 Resp: 86

Ion Ratio Lower Upper

266 100

264 89.8 66.6 100.0

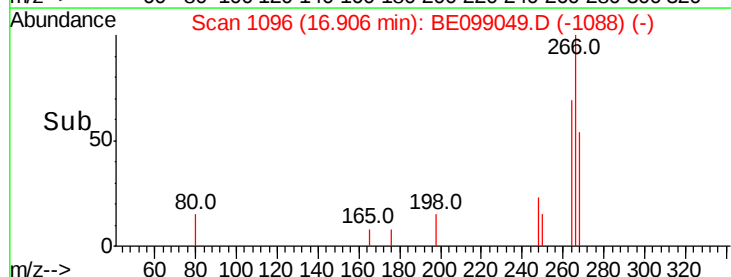
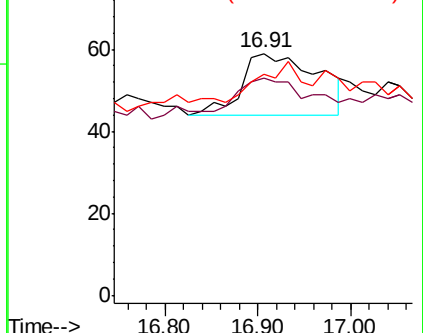
268 91.5 69.8 104.8

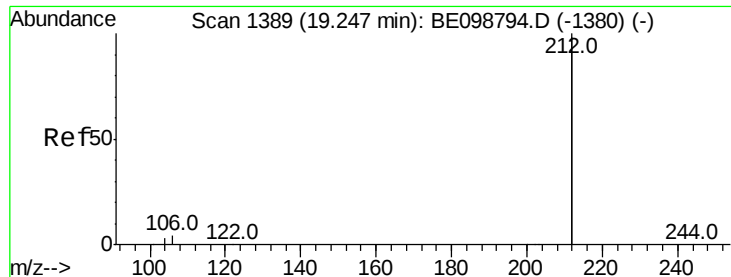


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE099049.D

Acq: 20 Mar 2019 00:16

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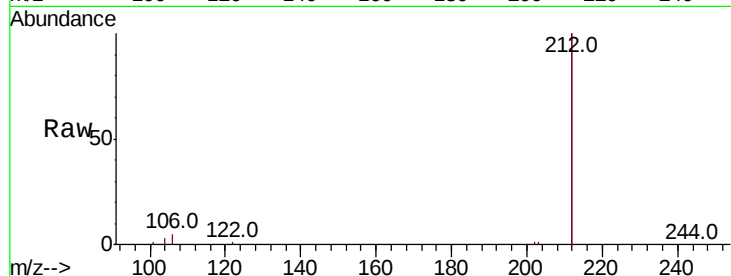
Tot Ion:212 Resp: 37010

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

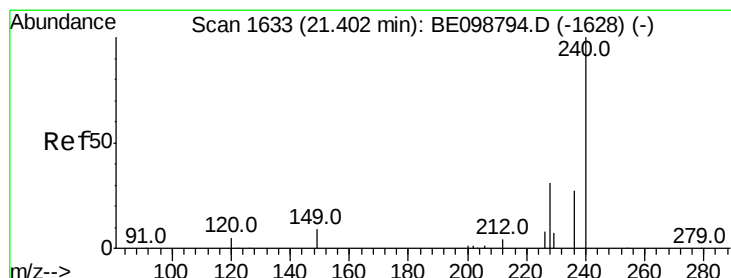
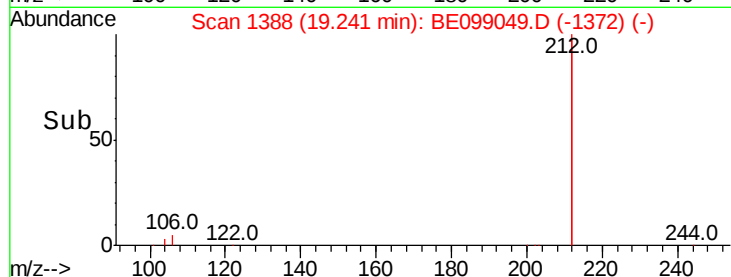
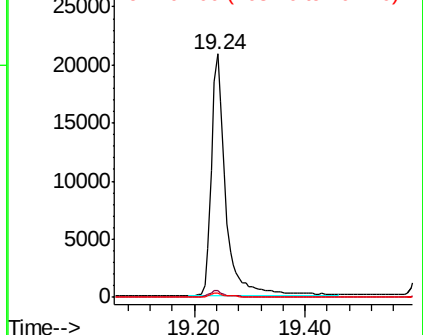
104 1.5 1.0 1.6



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: BE099049.D

Acq: 20 Mar 2019 00:16

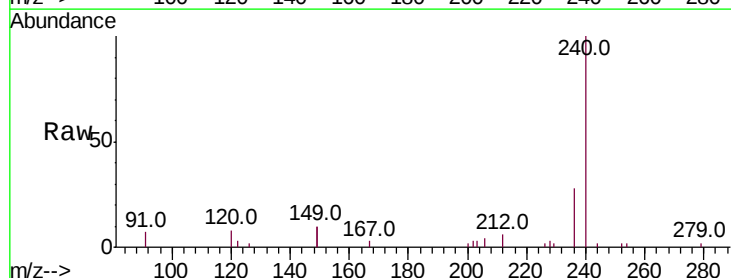
Tgt Ion:240 Resp: 6446

Ion Ratio Lower Upper

240 100

120 8.2 5.0 7.4#

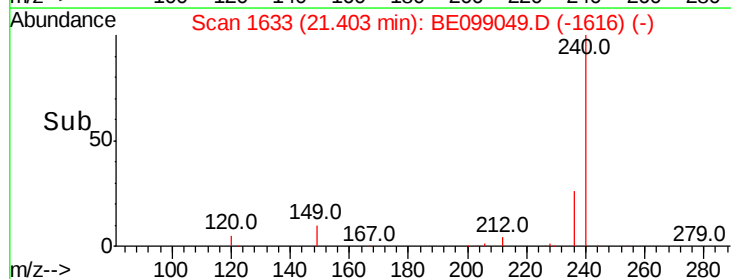
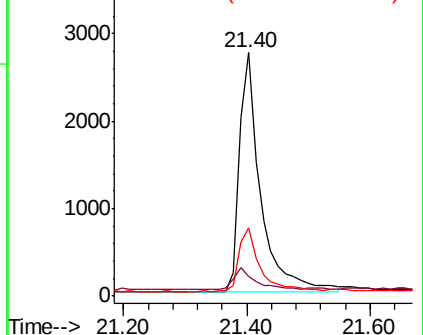
236 27.8 22.7 34.1

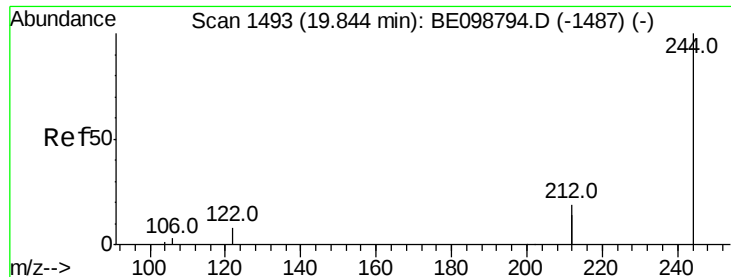


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.418 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE099049.D

Acq: 20 Mar 2019 00:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311I-20190314

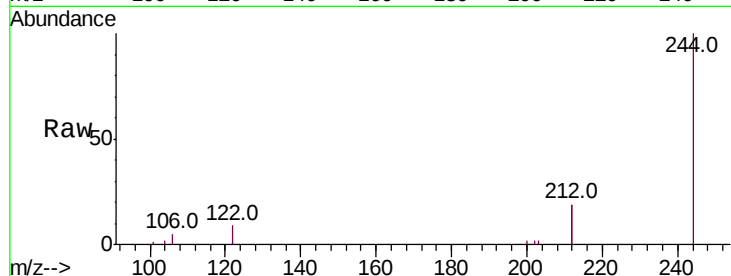
Tot Ion:244 Resp: 6549

Ion Ratio Lower Upper

244 100

212 38.0 29.4 44.2

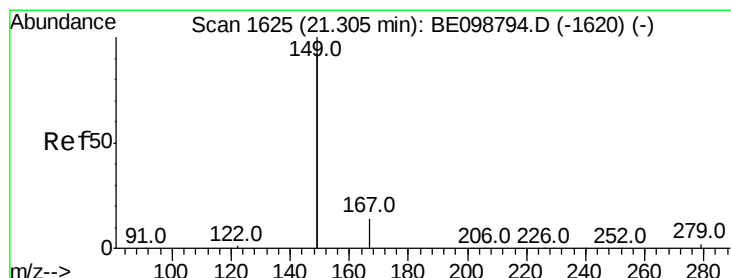
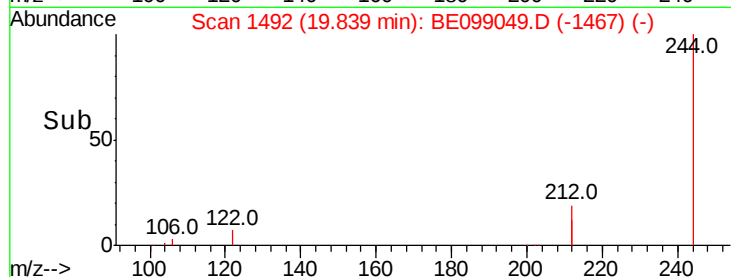
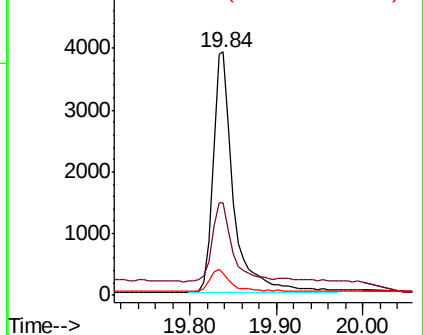
122 9.0 7.1 10.7



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: 0.072 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099049.D

Acq: 20 Mar 2019 00:16

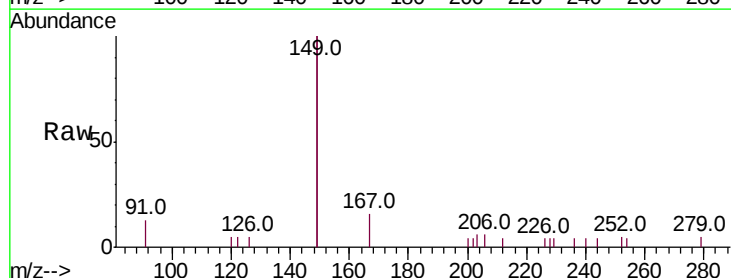
Tgt Ion:149 Resp: 3094

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

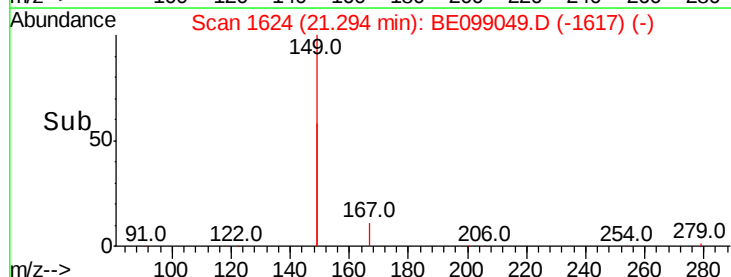
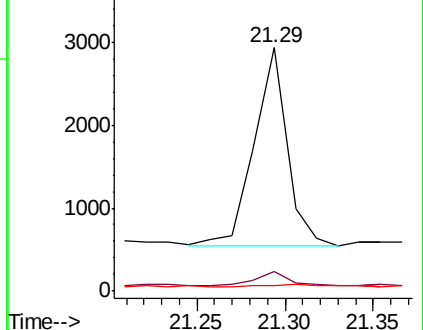
279 2.4 1.0 1.4#



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# 2207
 Delta R.T. -0.01 min
 Lab File: BE099049.D
 Acq: 20 Mar 2019 00:16

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW311I-20190314

Tot Ion:264 Resp: 5923
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.2 31.8
 265 31.5 24.6 36.8

