

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
 Data File : BE099831.D
 Acq On : 6 Jun 2019 20:50
 Operator : JU/SJ
 Sample : K3190-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW307D-20190604

Quant Time: Jun 07 02:07:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 14:35:58 2019
 Response via : Initial Calibration

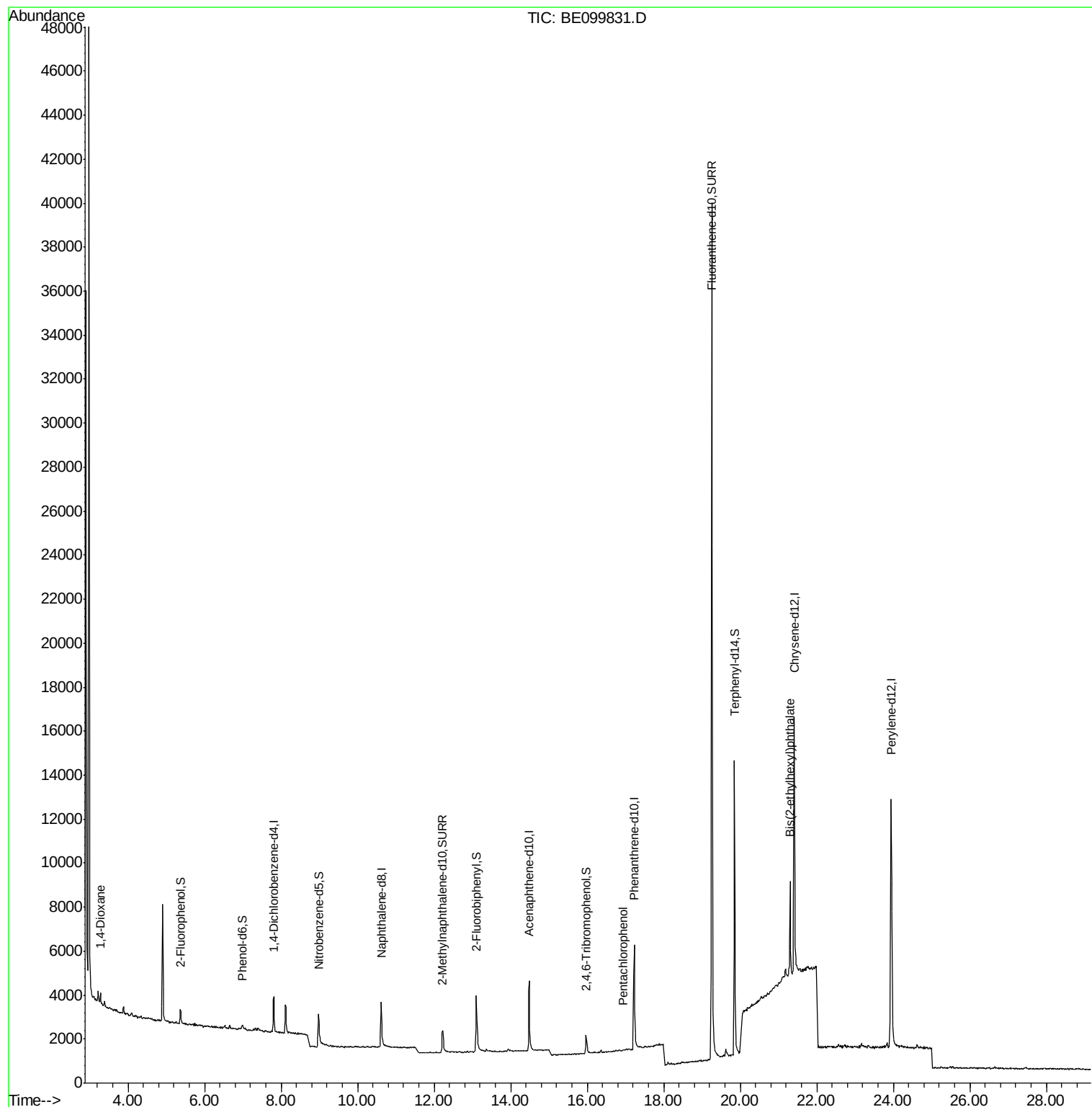
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1023	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	3499	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	2661	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	9428	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16528	0.40	ng	0.00
34) Perylene-d12	23.94	264	19557	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	462	0.19	ng	0.01
5) Phenol-d6	6.98	99	328	0.10	ng	0.01
8) Nitrobenzene-d5	8.98	82	1173	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	2198	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	777	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	3705	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	59068	0.42	ng	0.00
29) Terphenyl-d14	19.85	244	14292	0.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	424	0.286	ng	# 86
22) Pentachlorophenol	16.93	266	10	0.285	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.30	149	5351	0.102	ng	# 98

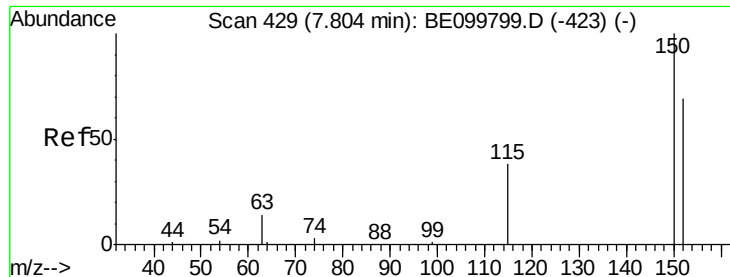
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060619\
Data File : BE099831.D
Acq On : 6 Jun 2019 20:50
Operator : JU/SJ
Sample : K3190-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW307D-20190604

Quant Time: Jun 07 02:07:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE060519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 14:35:58 2019
Response via : Initial Calibration



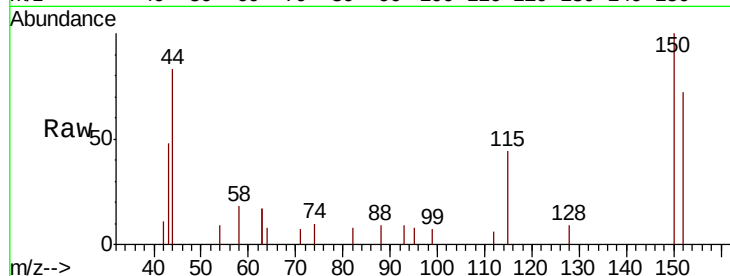


#1

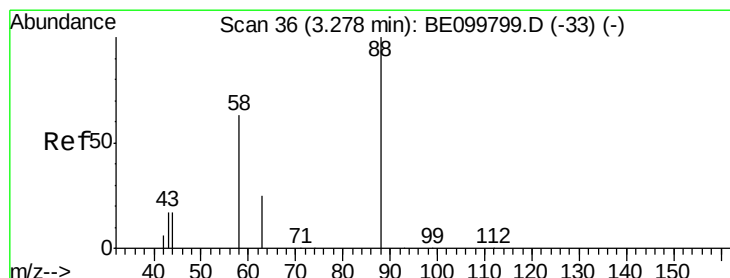
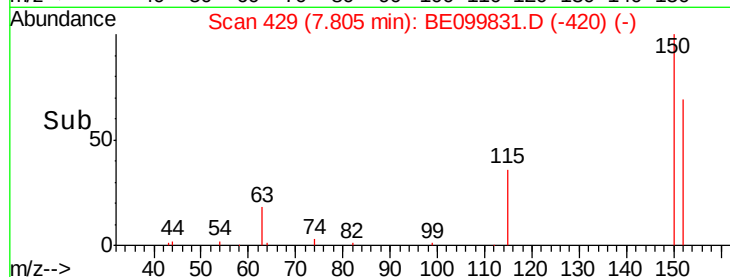
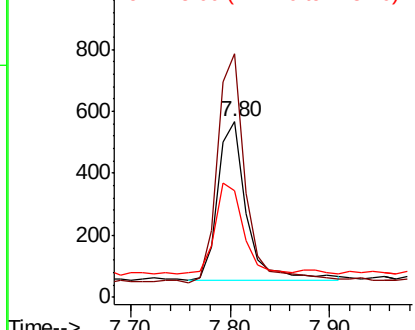
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099831.D
Acq: 6 Jun 2019 20:50

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW307D-20190604

Tgt Ion:152 Resp: 1023
Ion Ratio Lower Upper
152 100
150 139.1 112.8 169.2
115 60.7 47.6 71.4



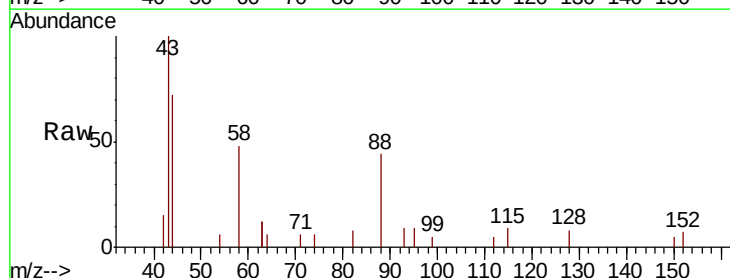
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



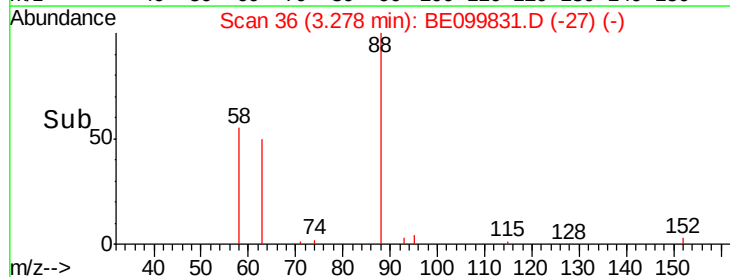
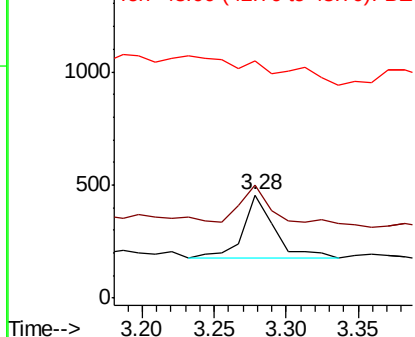
#2

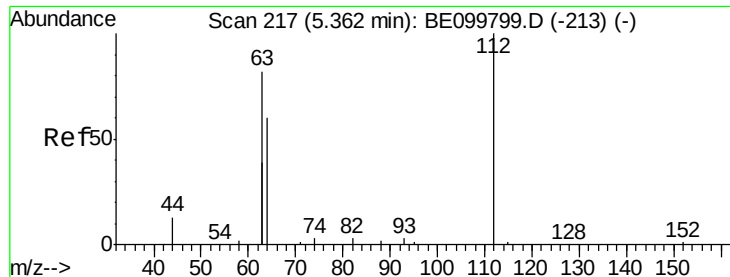
1,4-Dioxane
Concen: 0.286 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099831.D
Acq: 6 Jun 2019 20:50

Tgt Ion: 88 Resp: 424
Ion Ratio Lower Upper
88 100
58 58.3 47.3 70.9
43 0.0 18.2 27.4#



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: 0.186 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307D-20190604

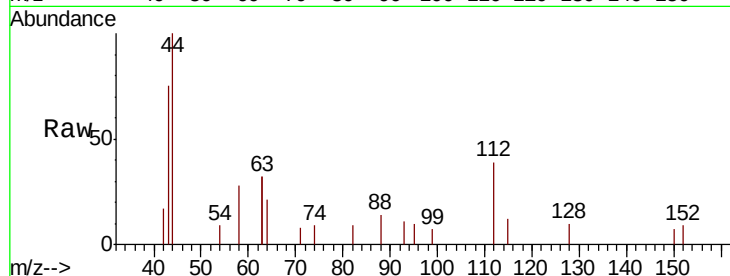
Tgt Ion: 112 Resp: 462

Ion Ratio Lower Upper

112 100

64 53.5 47.2 70.8

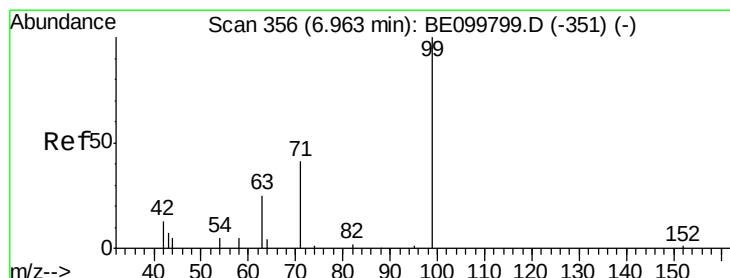
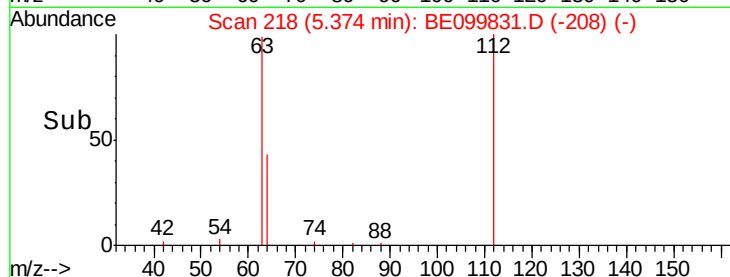
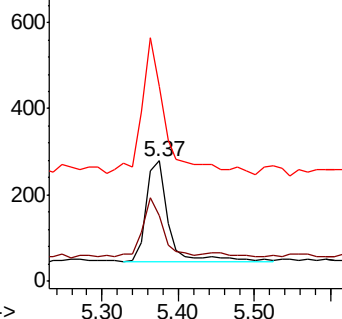
63 145.7 90.7 136.1#



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: 0.102 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

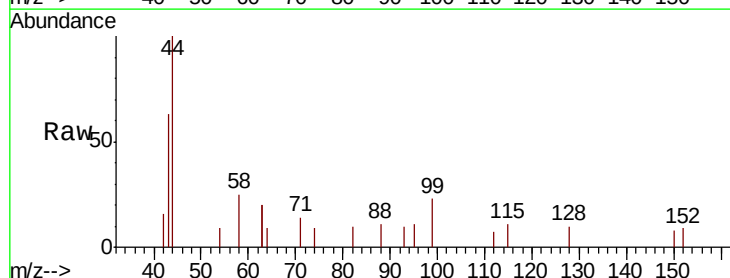
Tgt Ion: 99 Resp: 328

Ion Ratio Lower Upper

99 100

42 18.0 11.0 16.4#

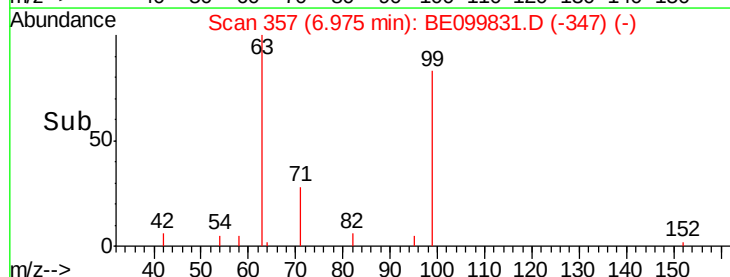
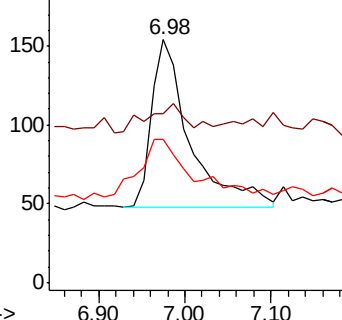
71 0.0 26.1 39.1#

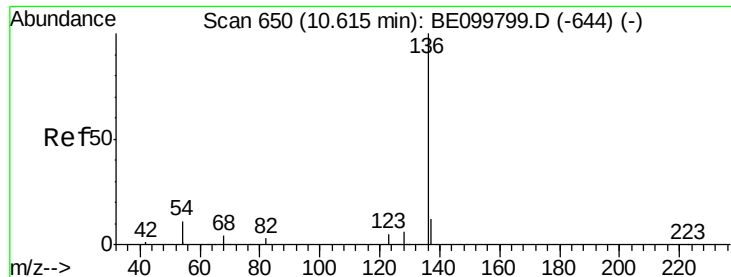


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307D-20190604

Tgt Ion: 136 Resp: 3499

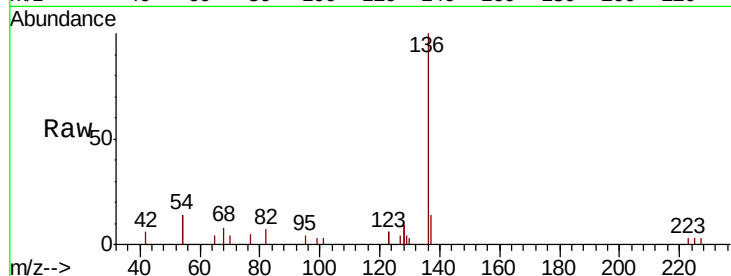
Ion Ratio Lower Upper

136 100

137 14.3 11.1 16.7

54 28.4 17.9 26.9#

68 7.8 5.4 8.0

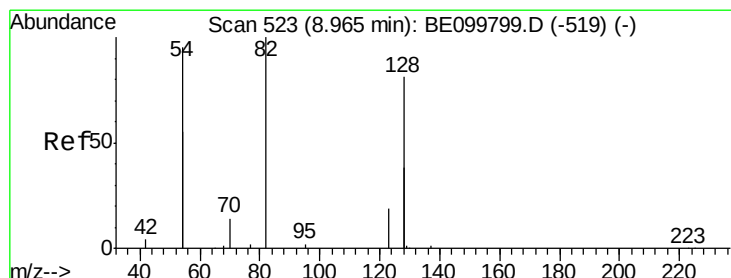
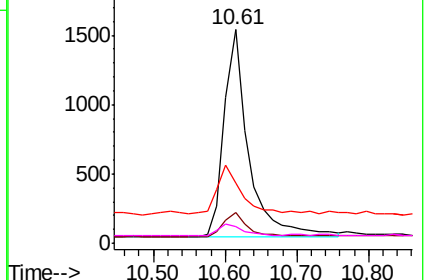
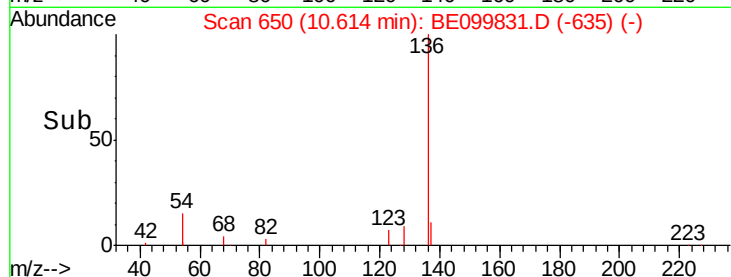


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.382 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

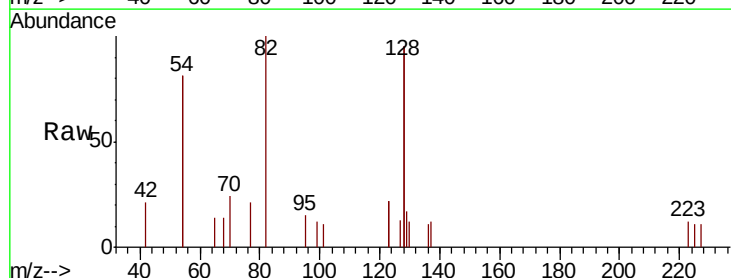
Tgt Ion: 82 Resp: 1173

Ion Ratio Lower Upper

82 100

128 190.3 116.6 175.0#

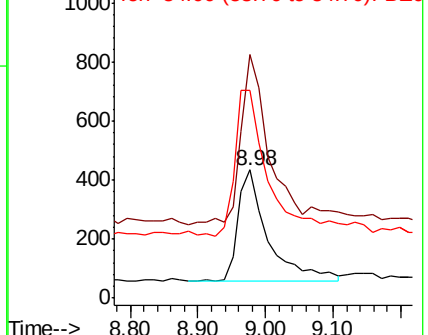
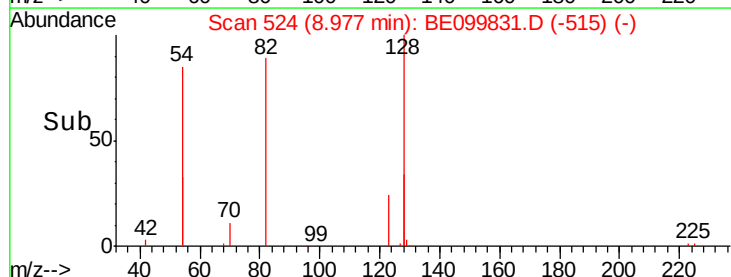
54 162.6 136.2 204.4

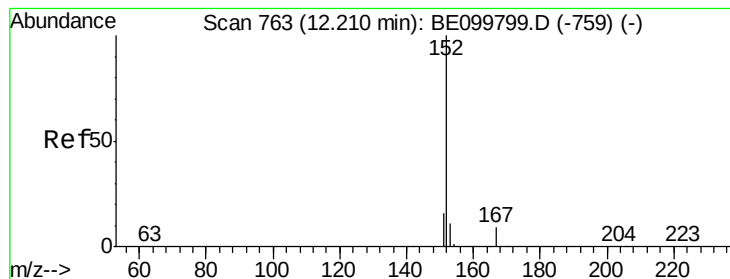


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

Instrument :

BNA_E

ClientSampleId :

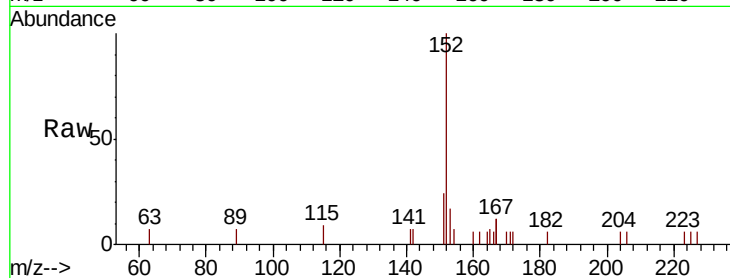
BPS1-TT-MW307D-20190604

Tgt Ion:152 Resp: 2198

Ion Ratio Lower Upper

152 100

151 18.5 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

800

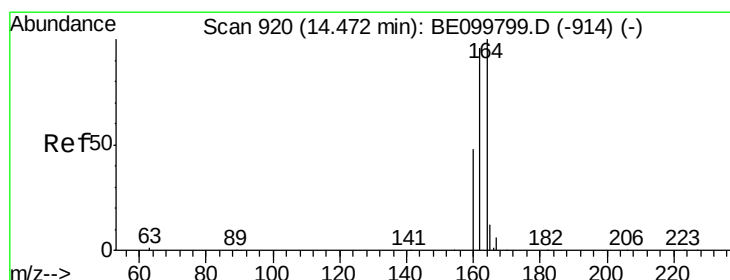
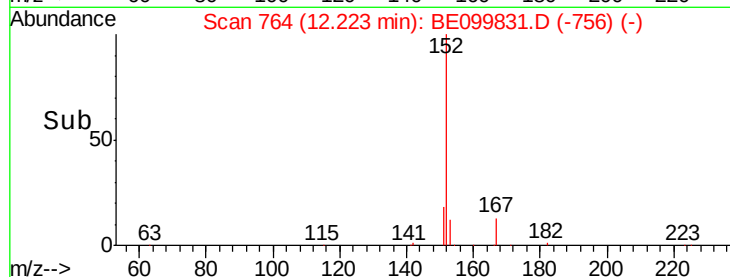
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

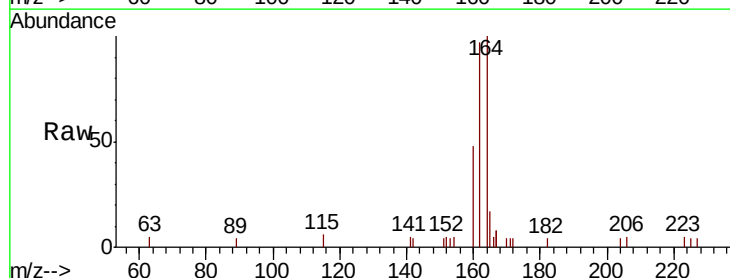
Tgt Ion:164 Resp: 2661

Ion Ratio Lower Upper

164 100

162 96.6 77.2 115.8

160 48.3 39.4 59.2



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

14.49

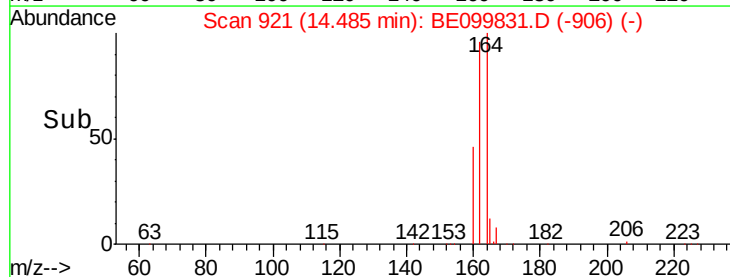
1500

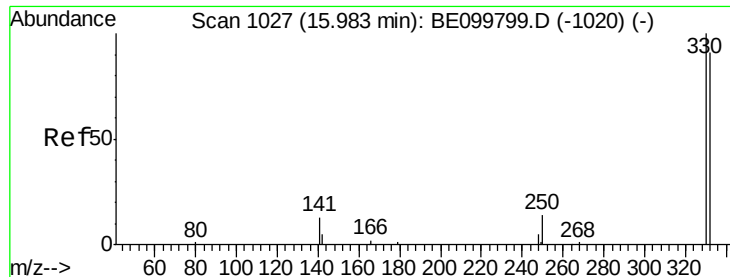
1000

500

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.514 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307D-20190604

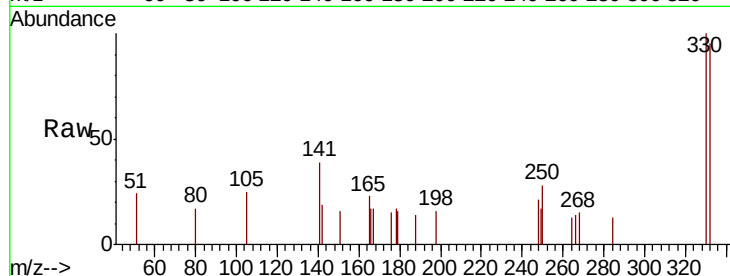
Tgt Ion:330 Resp: 777

Ion Ratio Lower Upper

330 100

332 94.0 74.9 112.3

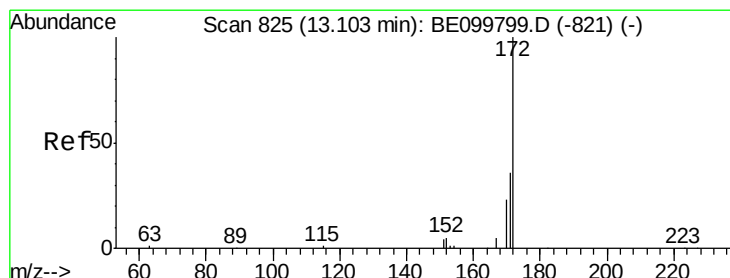
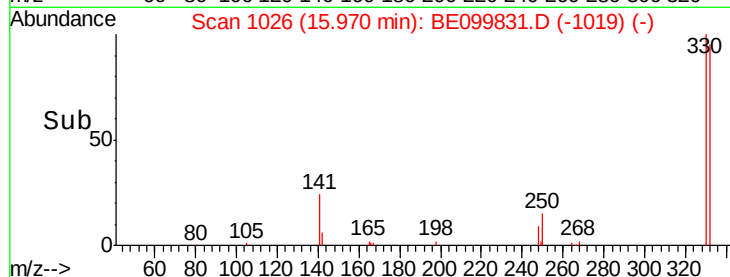
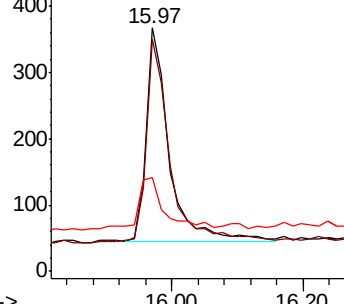
141 22.3 16.0 24.0



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: 0.374 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

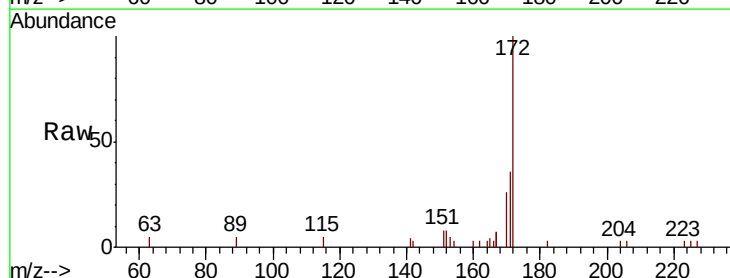
Tgt Ion:172 Resp: 3705

Ion Ratio Lower Upper

172 100

171 35.8 30.2 45.4

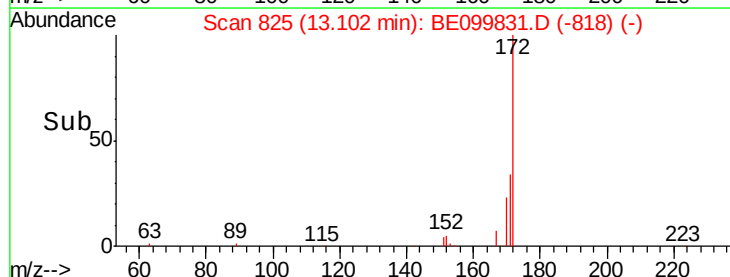
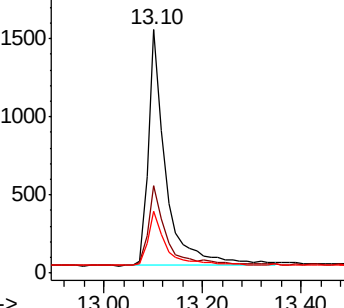
170 25.6 20.1 30.1

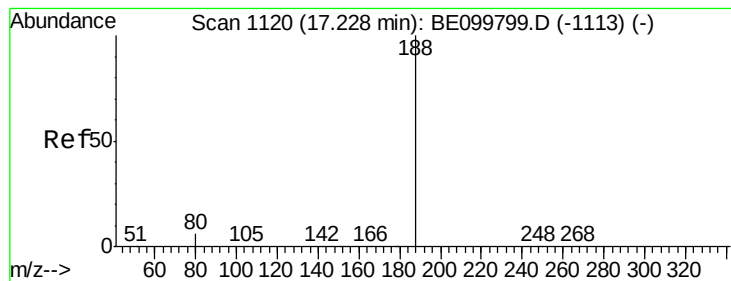


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307D-20190604

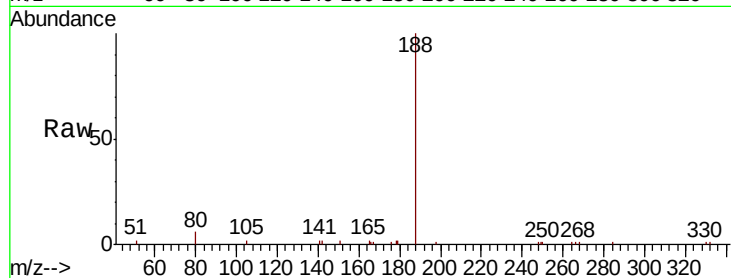
Tgt Ion:188 Resp: 9428

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

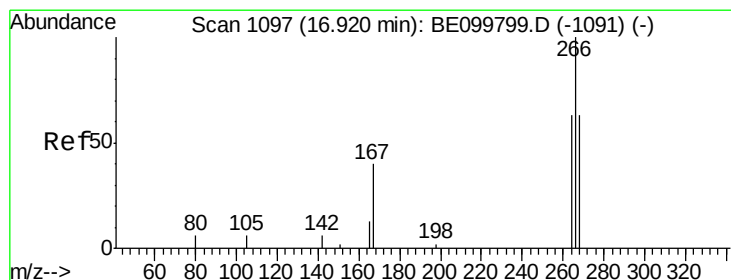
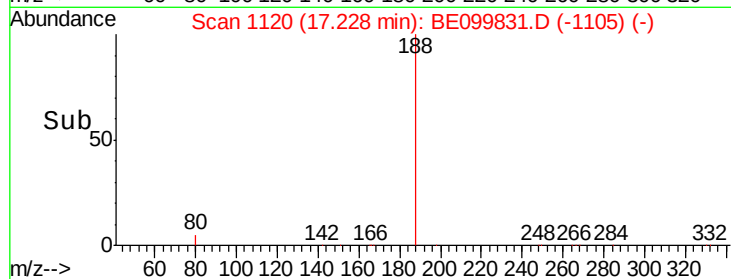
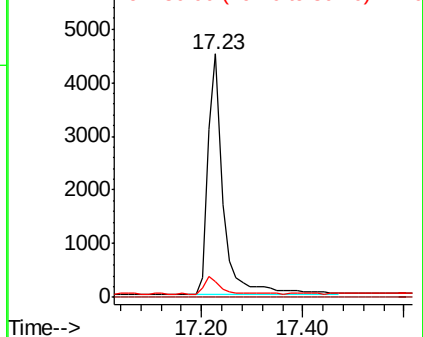
80 6.5 5.2 7.8



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: 0.285 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

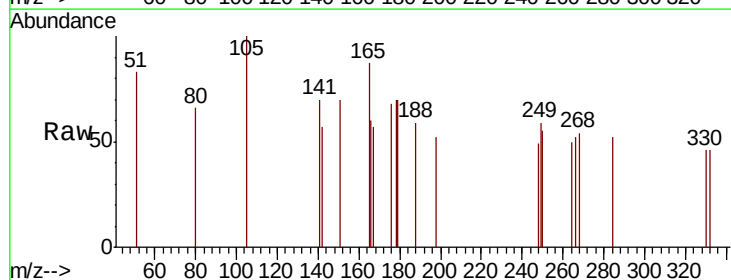
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 96.4 64.9 97.3

268 103.6 64.0 96.0#

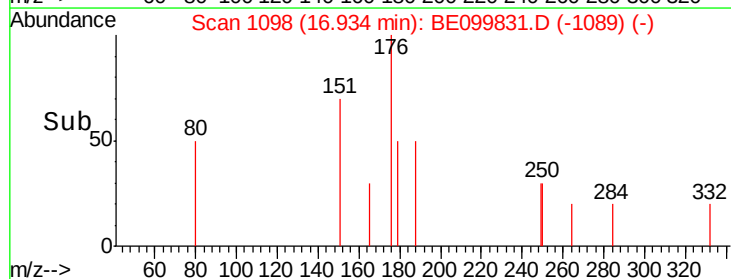
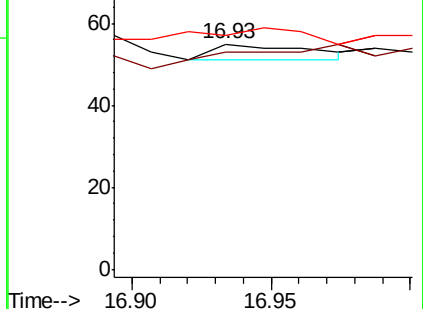


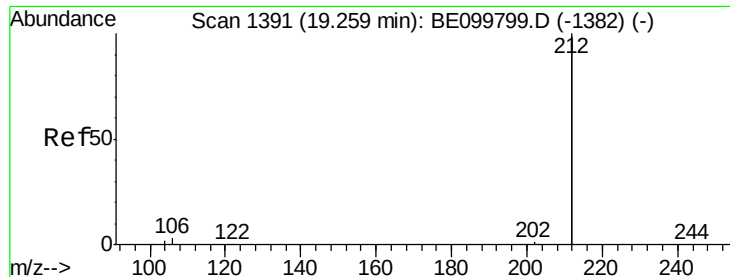
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 80.00 (79.70 to 80.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.422 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307D-20190604

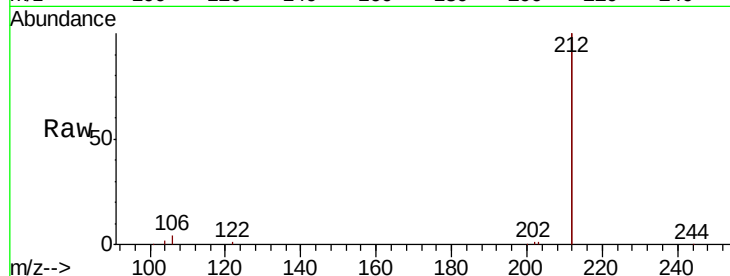
Tgt Ion:212 Resp: 59068

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

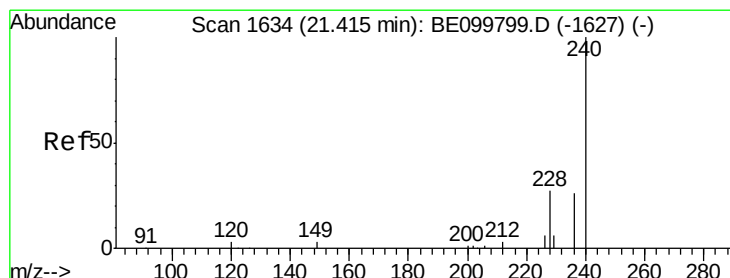
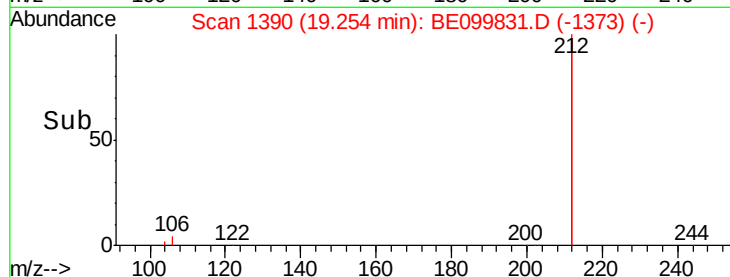
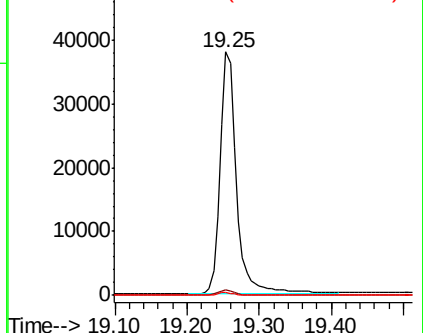
104 1.1 0.8 1.2



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: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

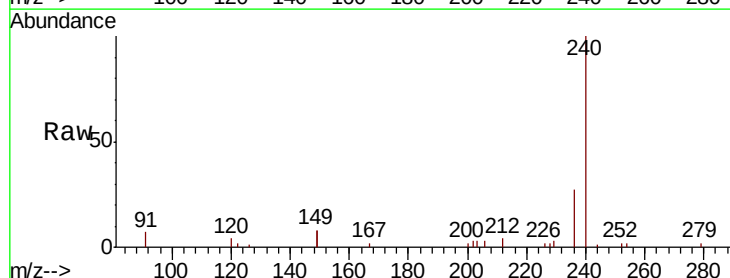
Tgt Ion:240 Resp: 16528

Ion Ratio Lower Upper

240 100

120 4.5 2.8 4.2#

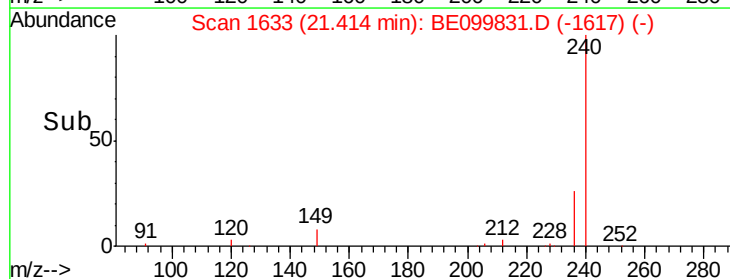
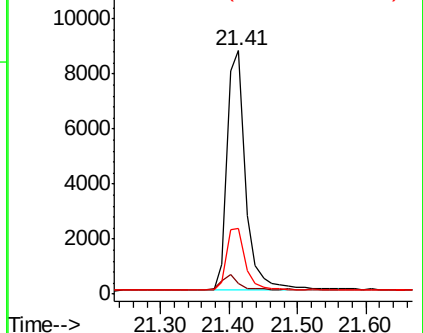
236 27.1 20.9 31.3

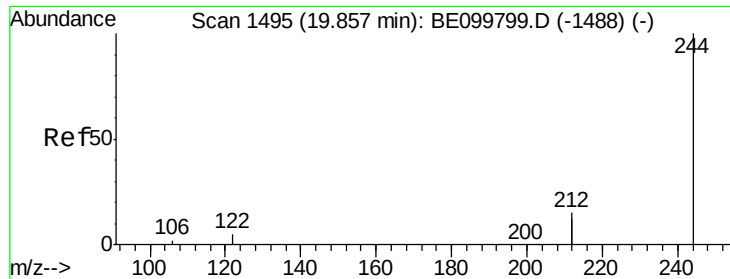


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.527 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW307D-20190604

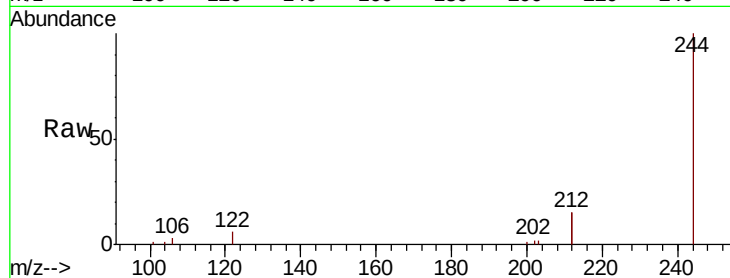
Tgt Ion:244 Resp: 14292

Ion Ratio Lower Upper

244 100

212 30.7 23.7 35.5

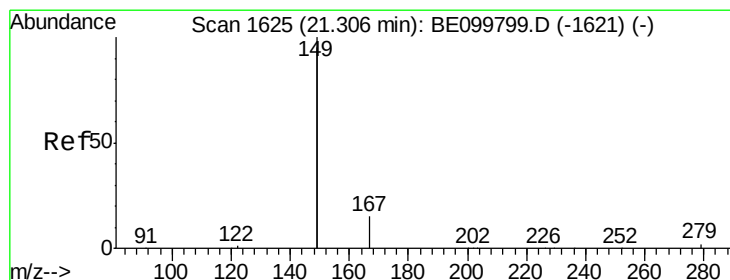
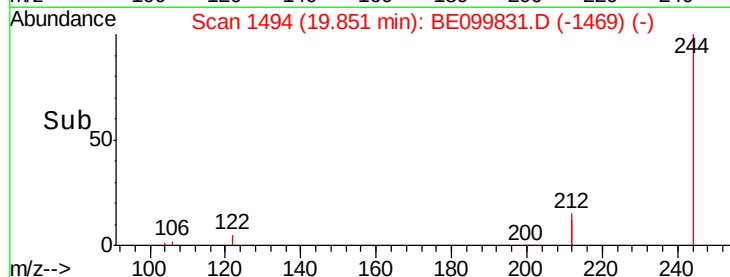
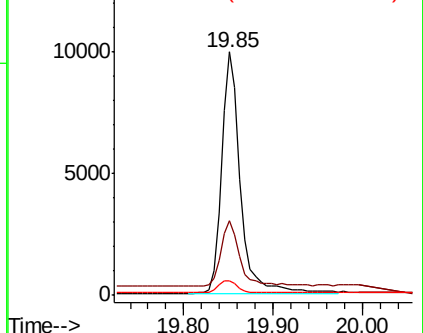
122 6.1 4.8 7.2



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: 0.102 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099831.D

Acq: 6 Jun 2019 20:50

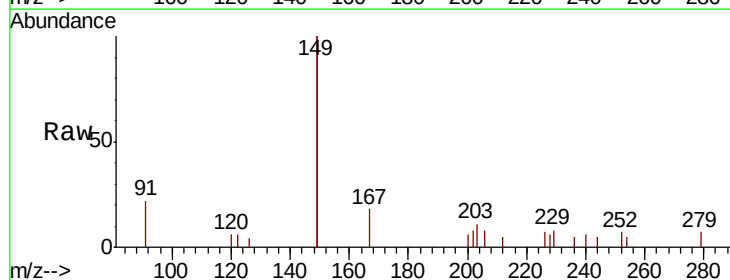
Tgt Ion:149 Resp: 5351

Ion Ratio Lower Upper

149 100

167 8.1 6.0 9.0

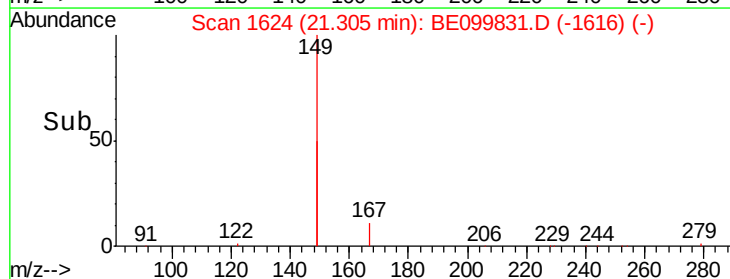
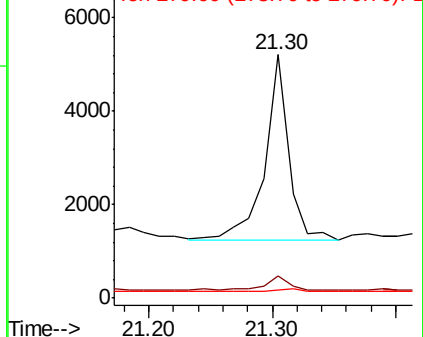
279 2.0 1.2 1.8#

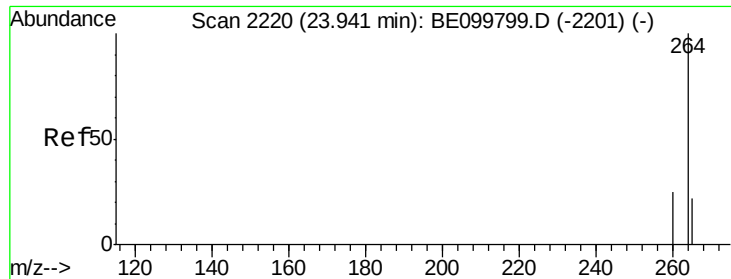


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.94 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BE099831.D
Acq: 6 Jun 2019 20:50

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW307D-20190604

Tgt Ion: 264 Resp: 19557
Ion Ratio Lower Upper
264 100
260 25.1 20.0 30.0
265 29.4 20.7 31.1

