

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100017.D
 Acq On : 14 Jun 2019 11:02
 Operator : JU/SJ
 Sample : K3284-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW311S-20190609

Quant Time: Jun 15 00:47:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

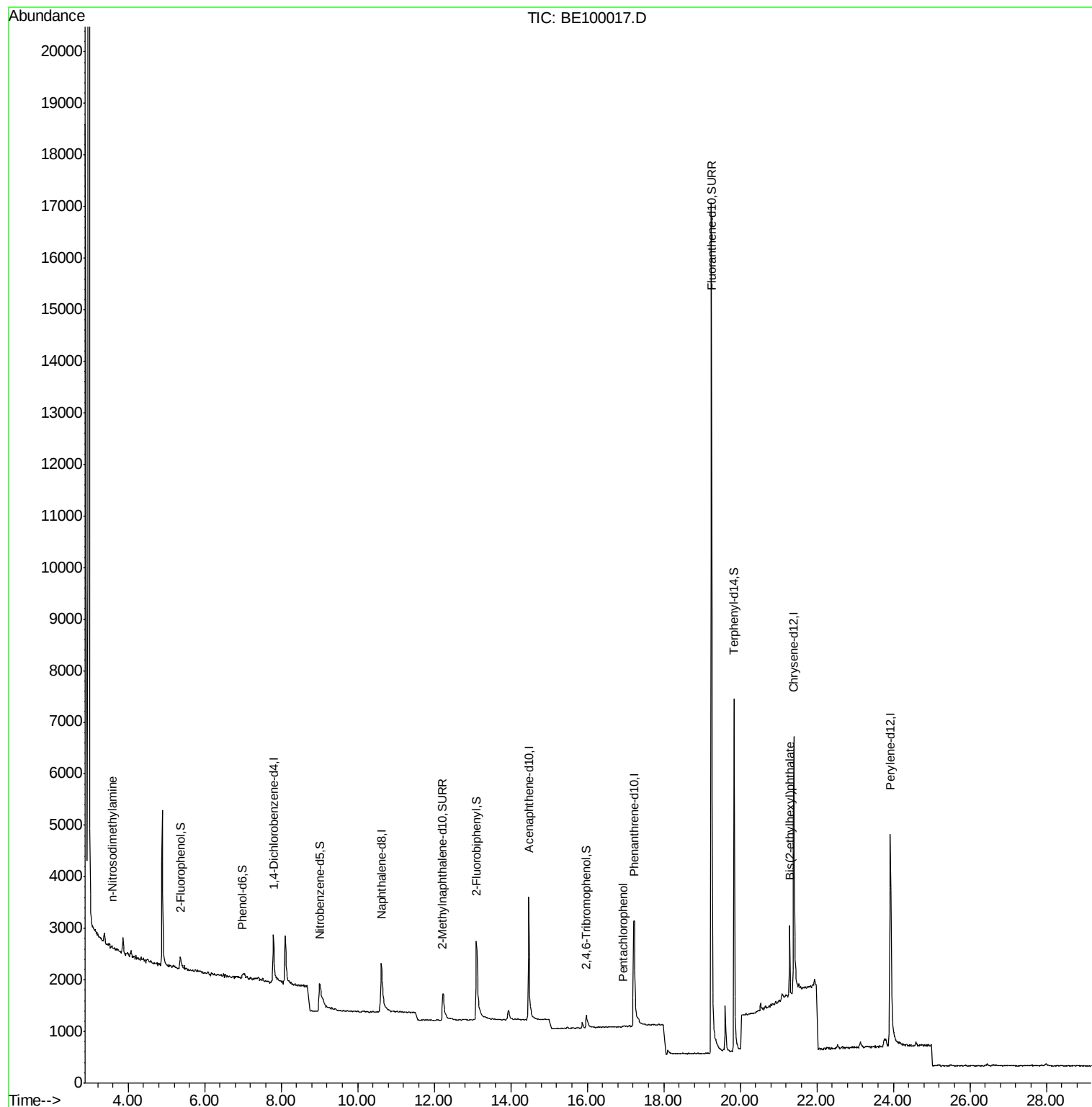
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	759	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	2520	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2013	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	5988	0.40	ng	0.01
27) Chrysene-d12	21.40	240	7573	0.40	ng	0.00
34) Perylene-d12	23.93	264	8346	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	290	0.14	ng	0.00
5) Phenol-d6	6.99	99	238	0.09	ng	0.02
8) Nitrobenzene-d5	9.02	82	770	0.32	ng	0.05
11) 2-Methylnaphthalene-d10	12.22	152	1674	0.38	ng	0.02
14) 2,4,6-Tribromophenol	15.98	330	337	0.23	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	3376	0.44	ng	0.00
25) Fluoranthene-d10	19.25	212	30492	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	7730	0.57	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.58	42	19	0.029	ng	# 100
22) Pentachlorophenol	16.93	266	10	0.306	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.29	149	1789	0.055	ng	100

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
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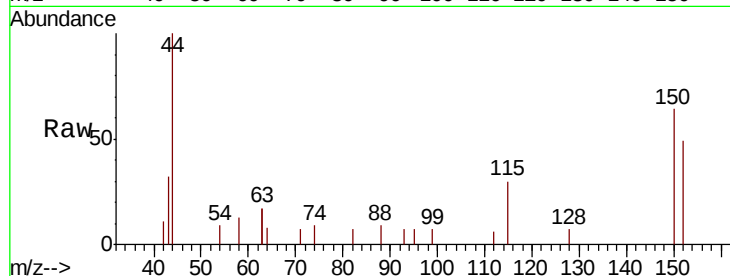


#1

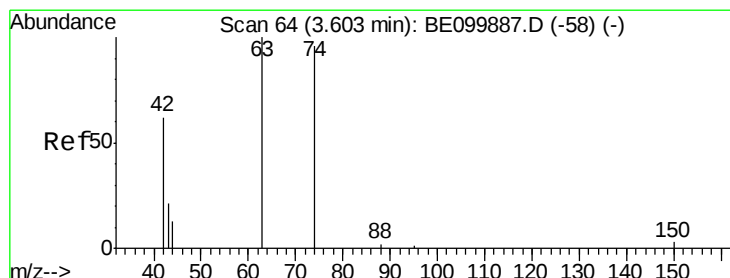
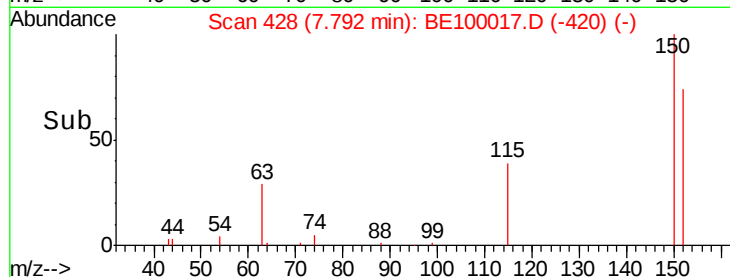
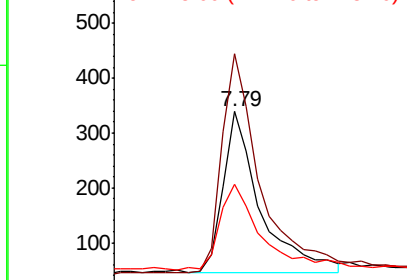
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.79 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BE100017.D
 Acq: 14 Jun 2019 11:02

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW311S-20190609

Tgt Ion: 152 Resp: 759
 Ion Ratio Lower Upper
 152 100
 150 131.0 111.0 166.6
 115 60.8 50.7 76.1



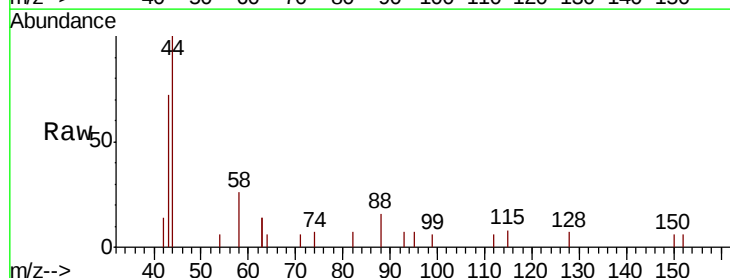
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



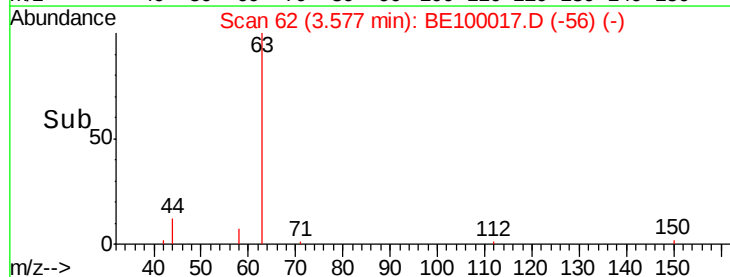
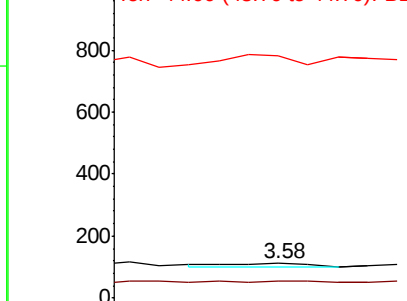
#3

n-Nitrosodimethylamine
 Concen: 0.029 ng
 RT: 3.58 min Scan# 62
 Delta R.T. -0.03 min
 Lab File: BE100017.D
 Acq: 14 Jun 2019 11:02

Tgt Ion: 42 Resp: 19
 Ion Ratio Lower Upper
 42 100
 74 0.0 0.0 0.0
 44 473.7 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.142 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100017.D

Acq: 14 Jun 2019 11:02

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311S-20190609

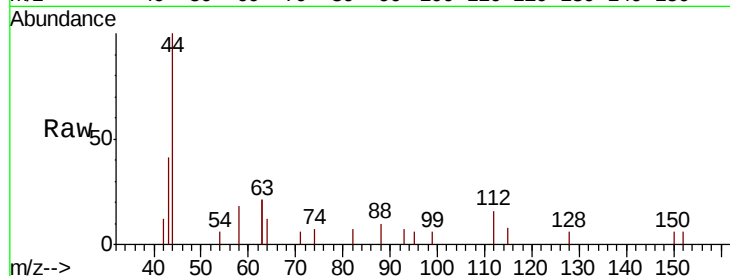
Tgt Ion: 112 Resp: 290

Ion Ratio Lower Upper

112 100

64 57.9 44.1 66.1

63 121.0 87.8 131.6

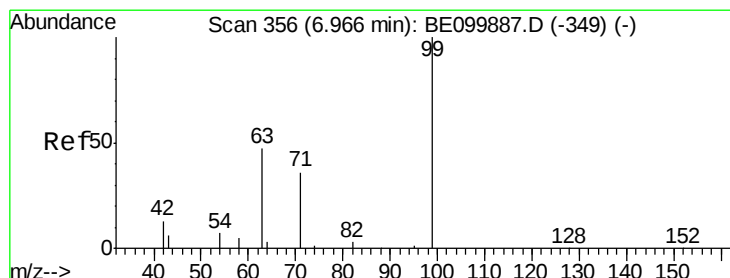
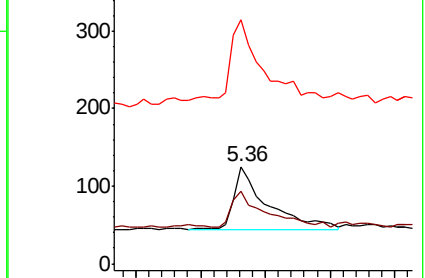
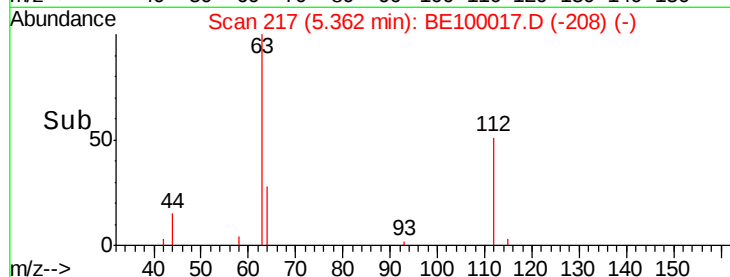


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->



#5

Phenol-d6

Concen: 0.090 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE100017.D

Acq: 14 Jun 2019 11:02

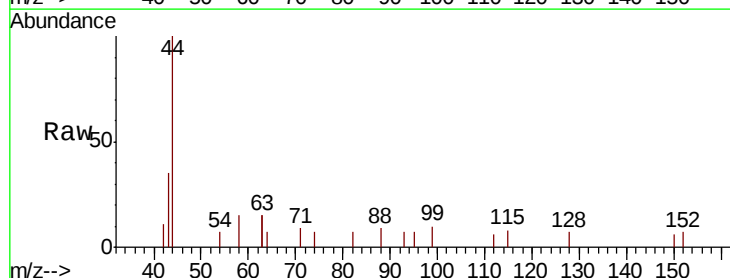
Tgt Ion: 99 Resp: 238

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 30.3 34.6 52.0#

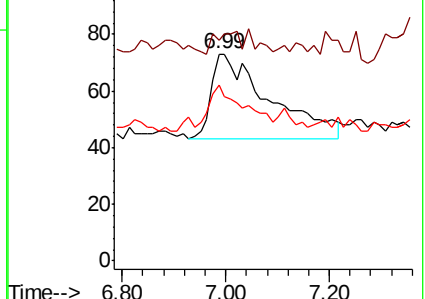
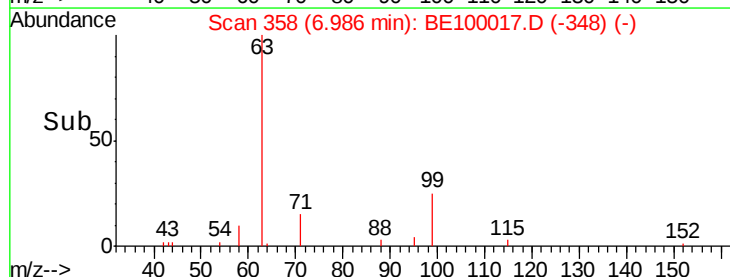


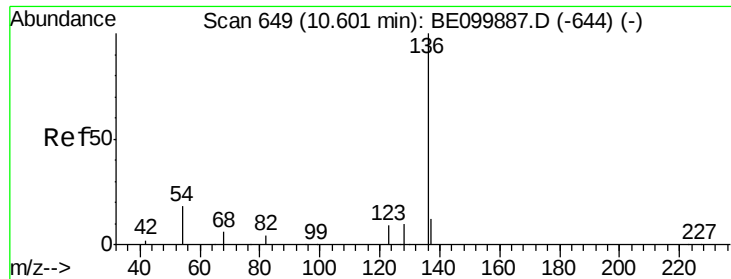
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100017.D

Acq: 14 Jun 2019 11:02

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311S-20190609

Tgt Ion: 136 Resp: 2520

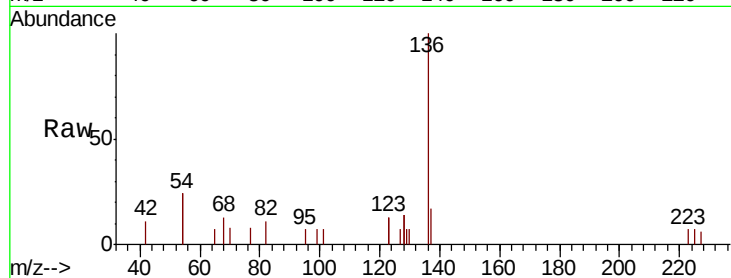
Ion Ratio Lower Upper

136 100

137 16.6 12.3 18.5

54 49.0 28.2 42.4#

68 13.0 7.8 11.8#

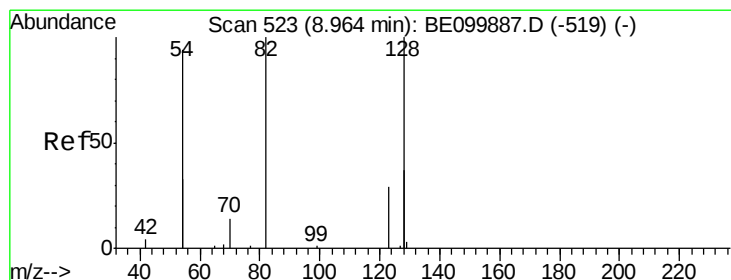
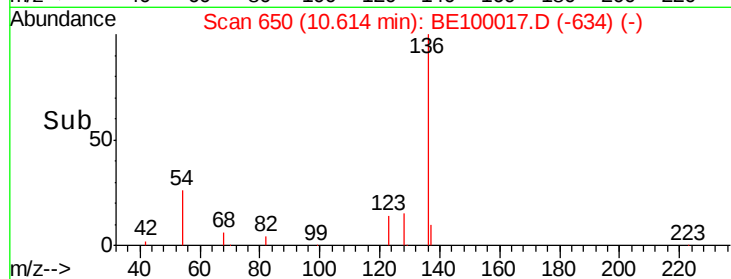
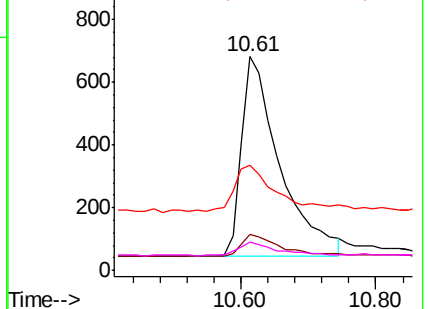


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.323 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.05 min

Lab File: BE100017.D

Acq: 14 Jun 2019 11:02

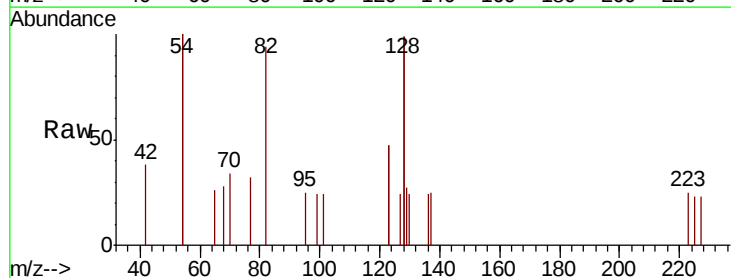
Tgt Ion: 82 Resp: 770

Ion Ratio Lower Upper

82 100

128 211.2 137.3 205.9#

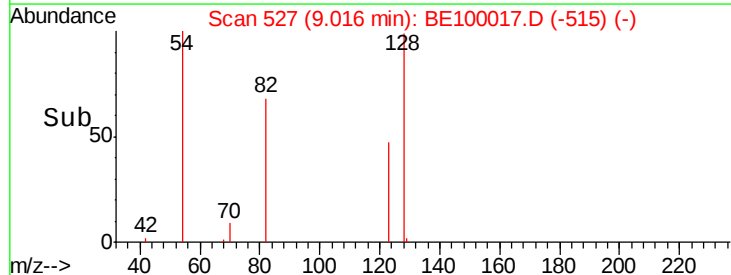
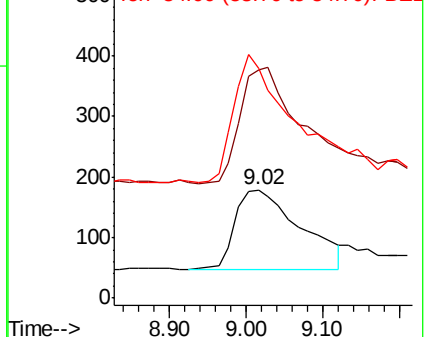
54 212.3 129.7 194.5#

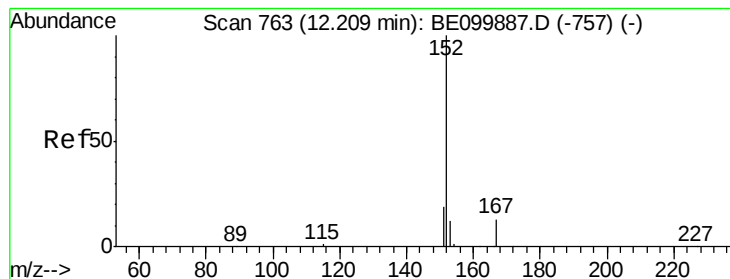


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.381 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.02 min

Lab File: BE100017.D

Acq: 14 Jun 2019 11:02

Instrument :

BNA_E

ClientSampleId :

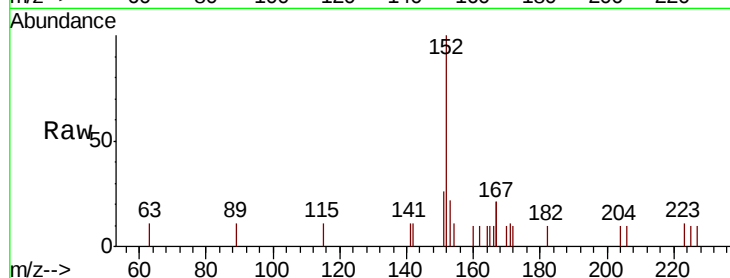
BPS1-TT-MW311S-20190609

Tgt Ion:152 Resp: 1674

Ion Ratio Lower Upper

152 100

151 18.2 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

400

300

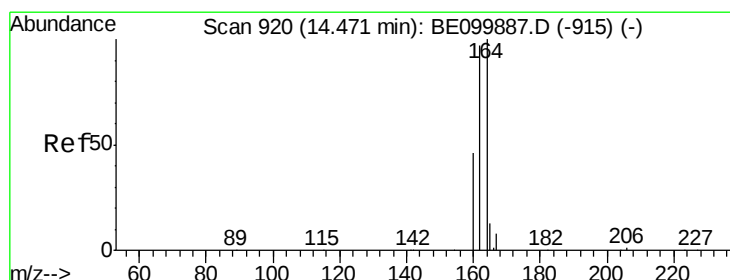
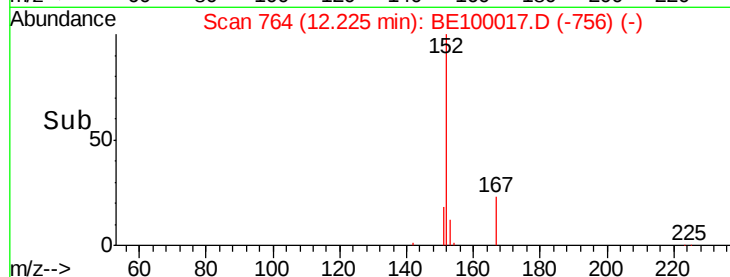
200

100

0

12.20 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100017.D

Acq: 14 Jun 2019 11:02

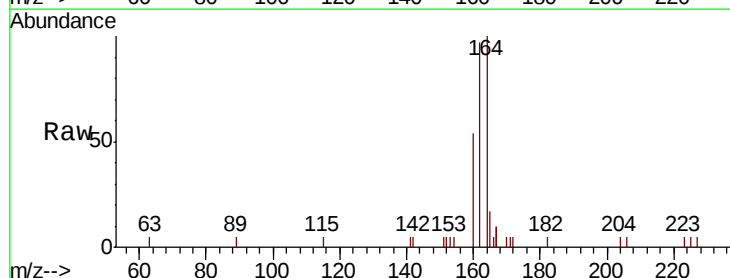
Tgt Ion:164 Resp: 2013

Ion Ratio Lower Upper

164 100

162 96.5 77.8 116.8

160 53.6 38.2 57.4



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

14.47

1200

1000

800

600

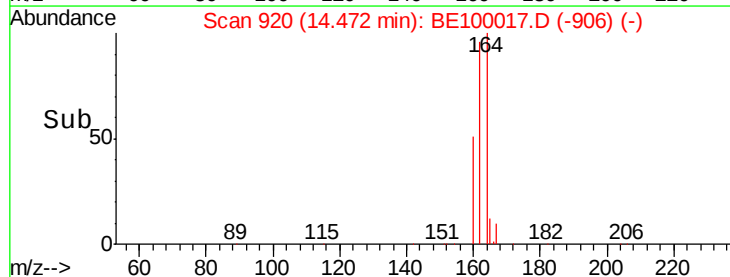
400

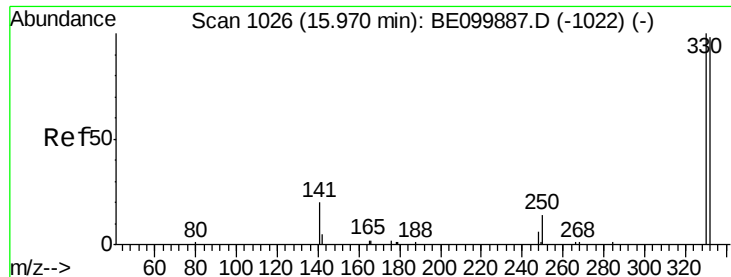
200

0

14.40 14.50 14.60 14.70

Time-->

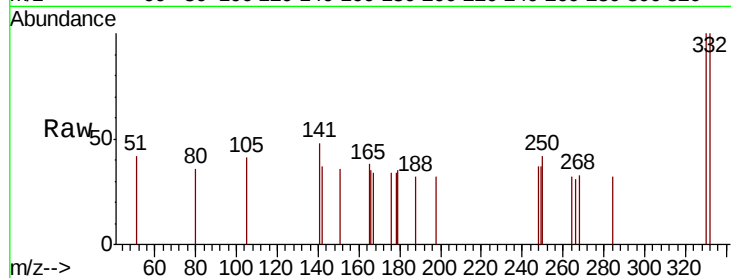




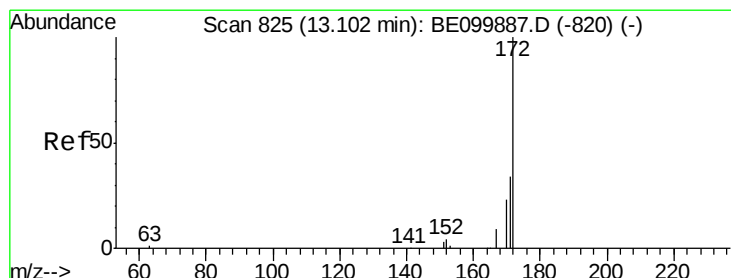
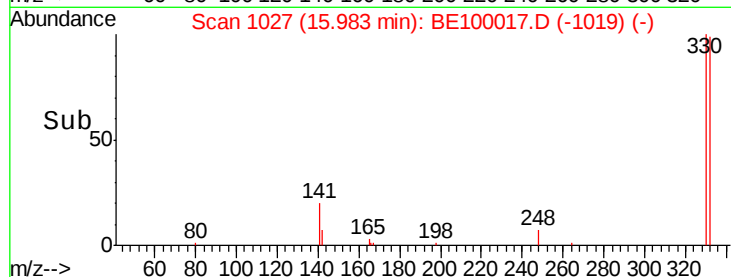
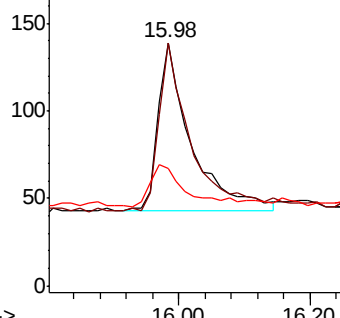
#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE100017.D
Acq: 14 Jun 2019 11:02

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW311S-20190609

Tgt Ion: 330 Resp: 337
Ion Ratio Lower Upper
330 100
332 103.9 76.7 115.1
141 30.6 21.0 31.6

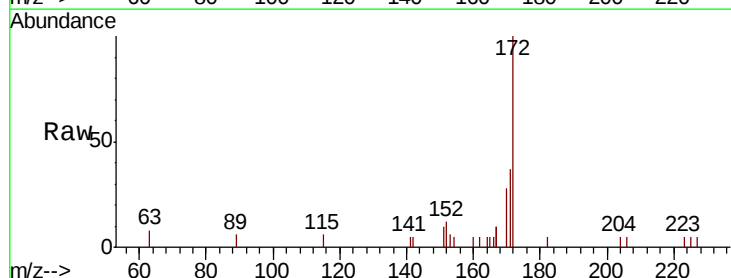


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

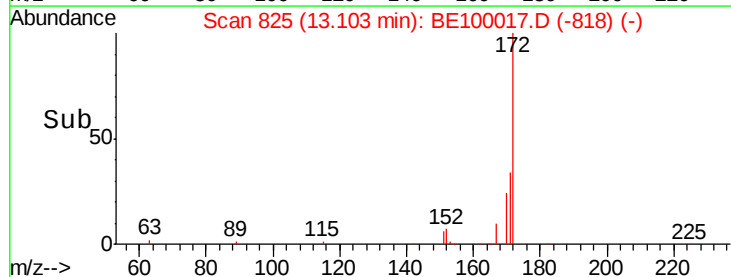
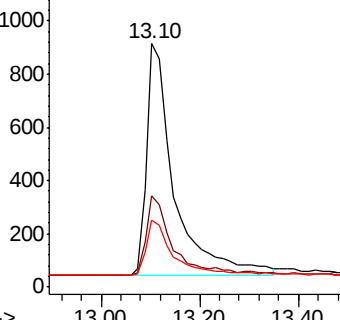


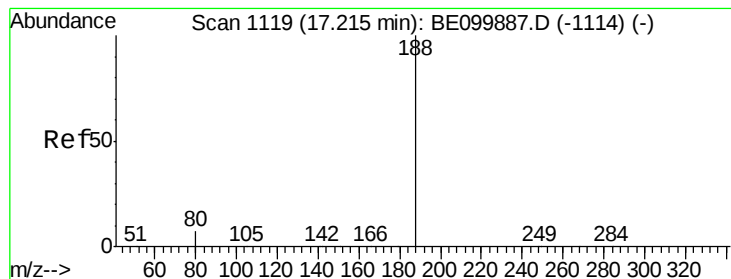
#15
2-Fluorobiphenyl
Concen: 0.442 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE100017.D
Acq: 14 Jun 2019 11:02

Tgt Ion: 172 Resp: 3376
Ion Ratio Lower Upper
172 100
171 37.4 29.2 43.8
170 27.8 21.2 31.8



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. 0.01 min

Lab File: BE100017.D

Acq: 14 Jun 2019 11:02

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311S-20190609

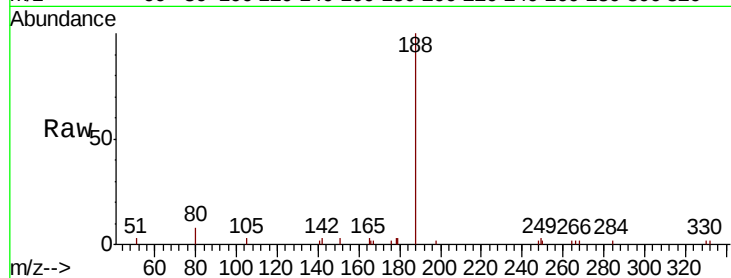
Tgt Ion:188 Resp: 5988

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

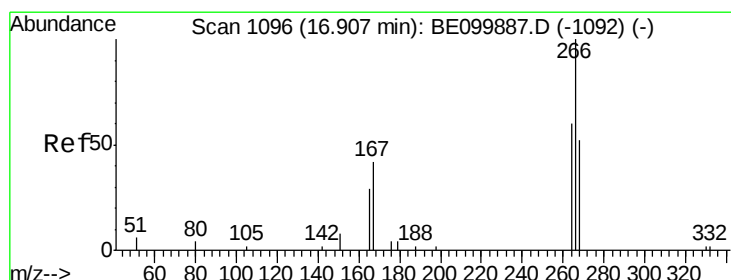
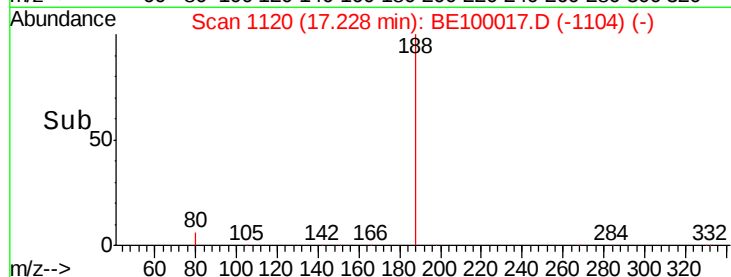
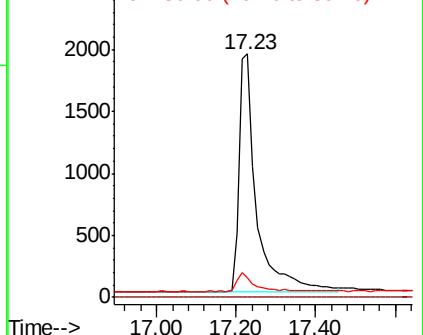
80 8.3 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#22

Pentachlorophenol

Concen: 0.306 ng

RT: 16.93 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BE100017.D

Acq: 14 Jun 2019 11:02

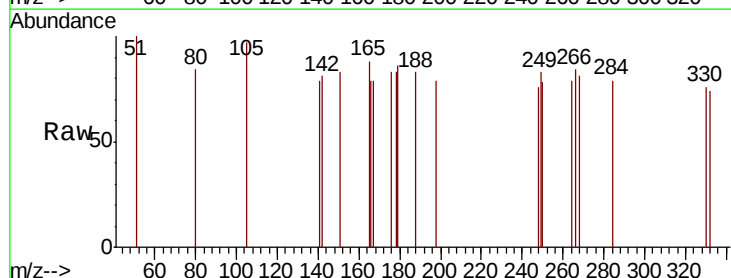
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 93.9 62.2 93.2#

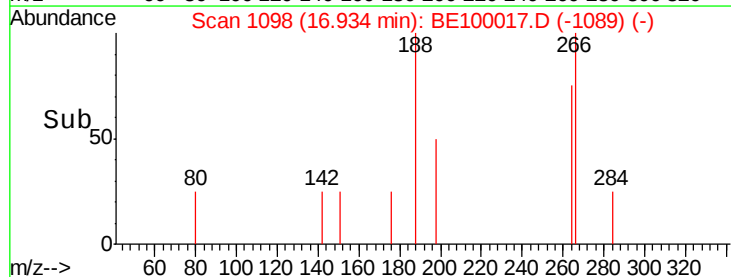
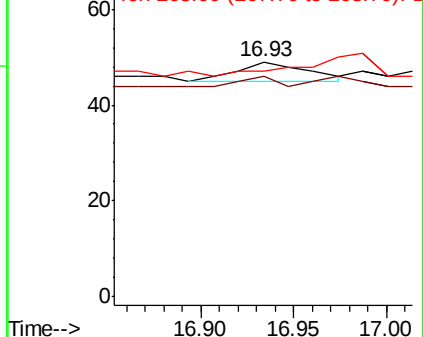
268 95.9 65.5 98.3

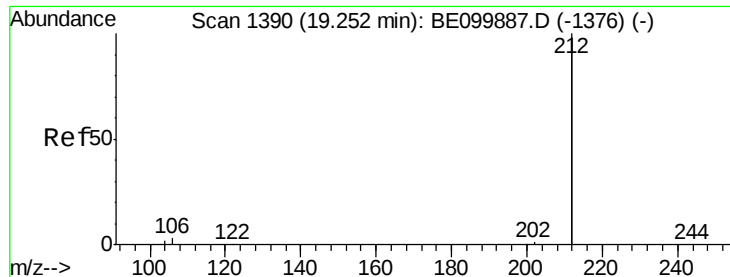


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

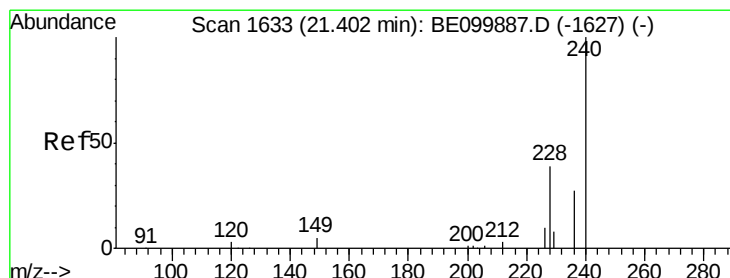
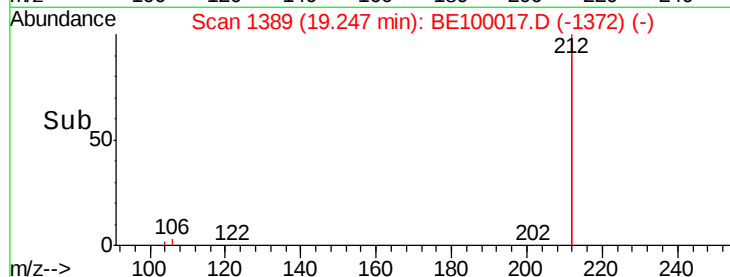
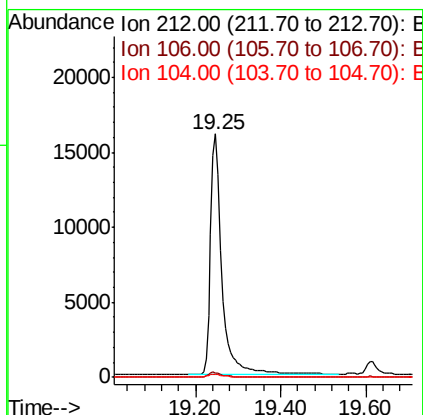
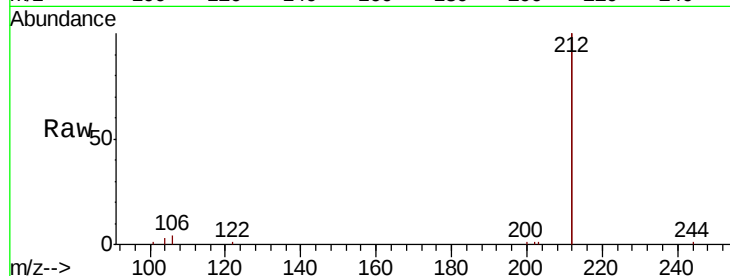




#25
 Fluoranthene-d10
 Concen: 0.350 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE100017.D
 Acq: 14 Jun 2019 11:02

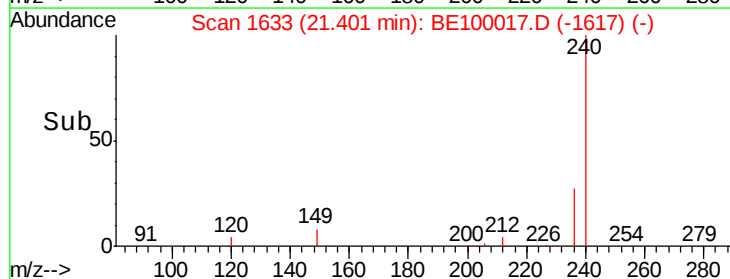
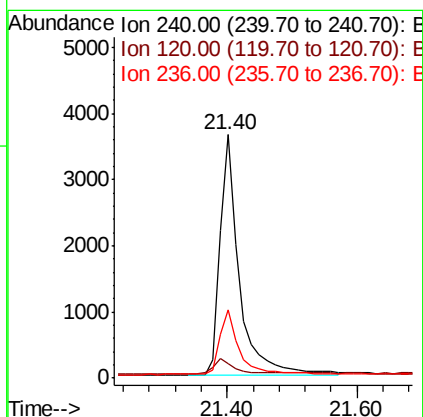
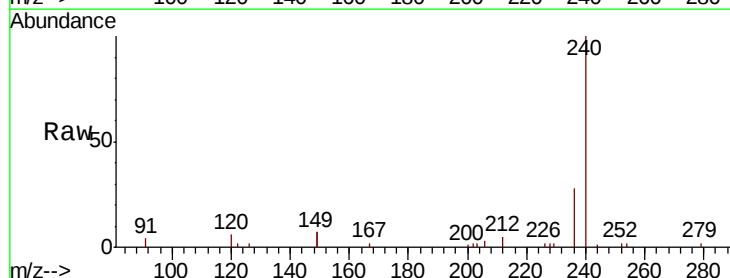
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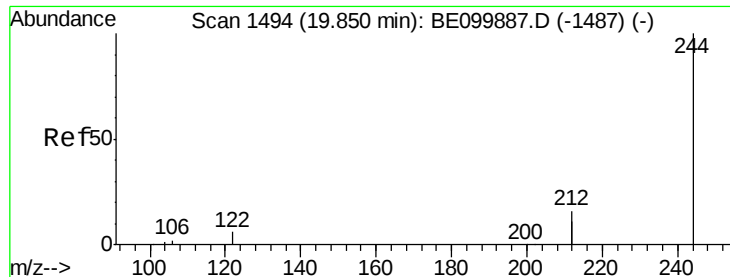
Tgt Ion: 212 Resp: 30492
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.9 1.3



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE100017.D
 Acq: 14 Jun 2019 11:02

Tgt Ion: 240 Resp: 7573
 Ion Ratio Lower Upper
 240 100
 120 5.9 3.8 5.6#
 236 28.1 22.0 33.0





#29

Terphenyl-d14

Concen: 0.567 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100017.D

Acq: 14 Jun 2019 11:02

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311S-20190609

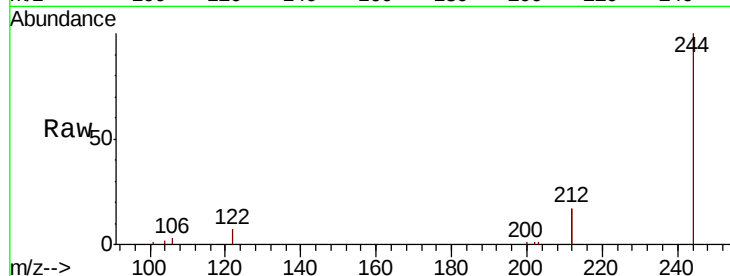
Tgt Ion:244 Resp: 7730

Ion Ratio Lower Upper

244 100

212 33.4 25.7 38.5

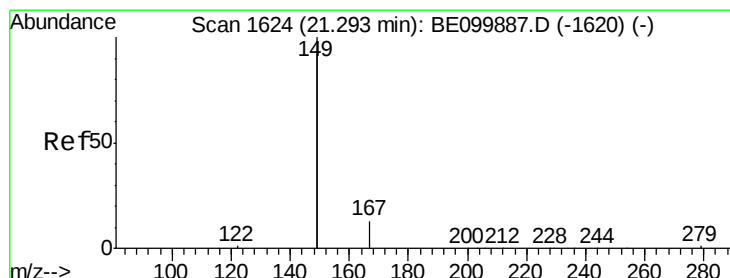
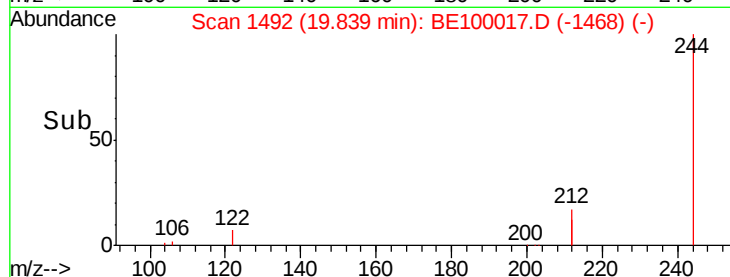
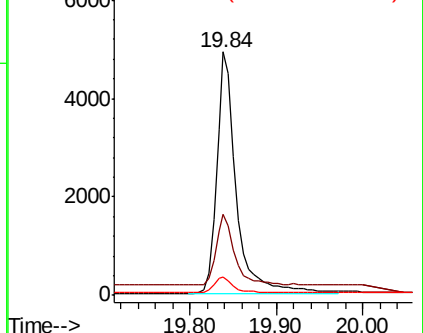
122 7.5 5.5 8.3



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: 0.055 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100017.D

Acq: 14 Jun 2019 11:02

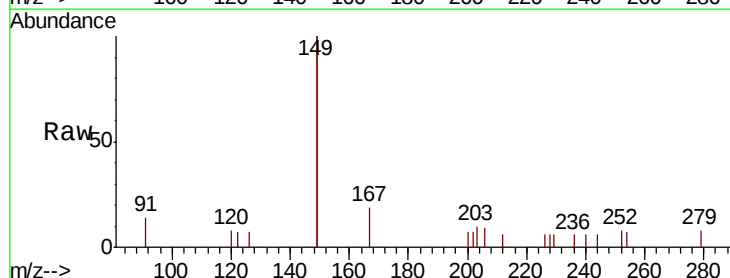
Tgt Ion:149 Resp: 1789

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

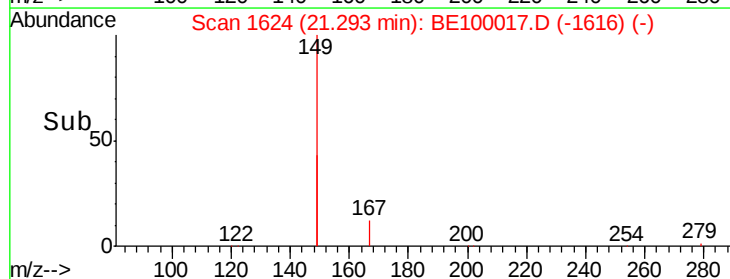
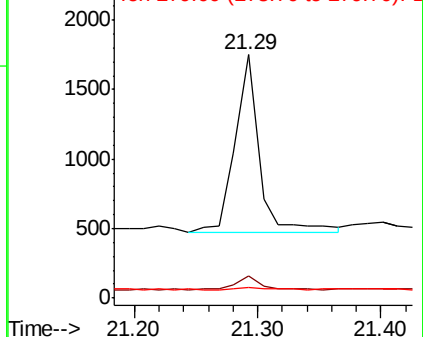
279 1.8 1.2 1.8



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: 23.93 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BE100017.D

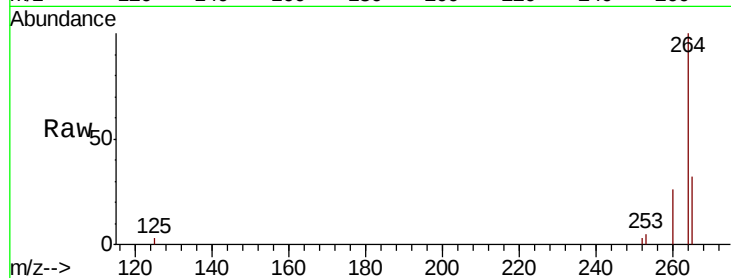
Acq: 14 Jun 2019 11:02

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW311S-20190609



Tgt Ion: 264 Resp: 8346

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 31.8 22.0 33.0

