

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100024.D
 Acq On : 14 Jun 2019 15:43
 Operator : JU/SJ
 Sample : K3284-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303I2-20190610

Quant Time: Jun 15 00:49:08 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	878	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3079	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2412	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7069	0.40	ng	0.00
27) Chrysene-d12	21.39	240	8822	0.40	ng	-0.01
34) Perylene-d12	23.93	264	10225	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	368	0.16	ng	0.00
5) Phenol-d6	6.99	99	234	0.08	ng	0.02
8) Nitrobenzene-d5	8.98	82	1175	0.40	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1984	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	611	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4268	0.47	ng	-0.01
25) Fluoranthene-d10	19.24	212	36392	0.35	ng	0.00
29) Terphenyl-d14	19.84	244	9774	0.62	ng	0.00

Target Compounds

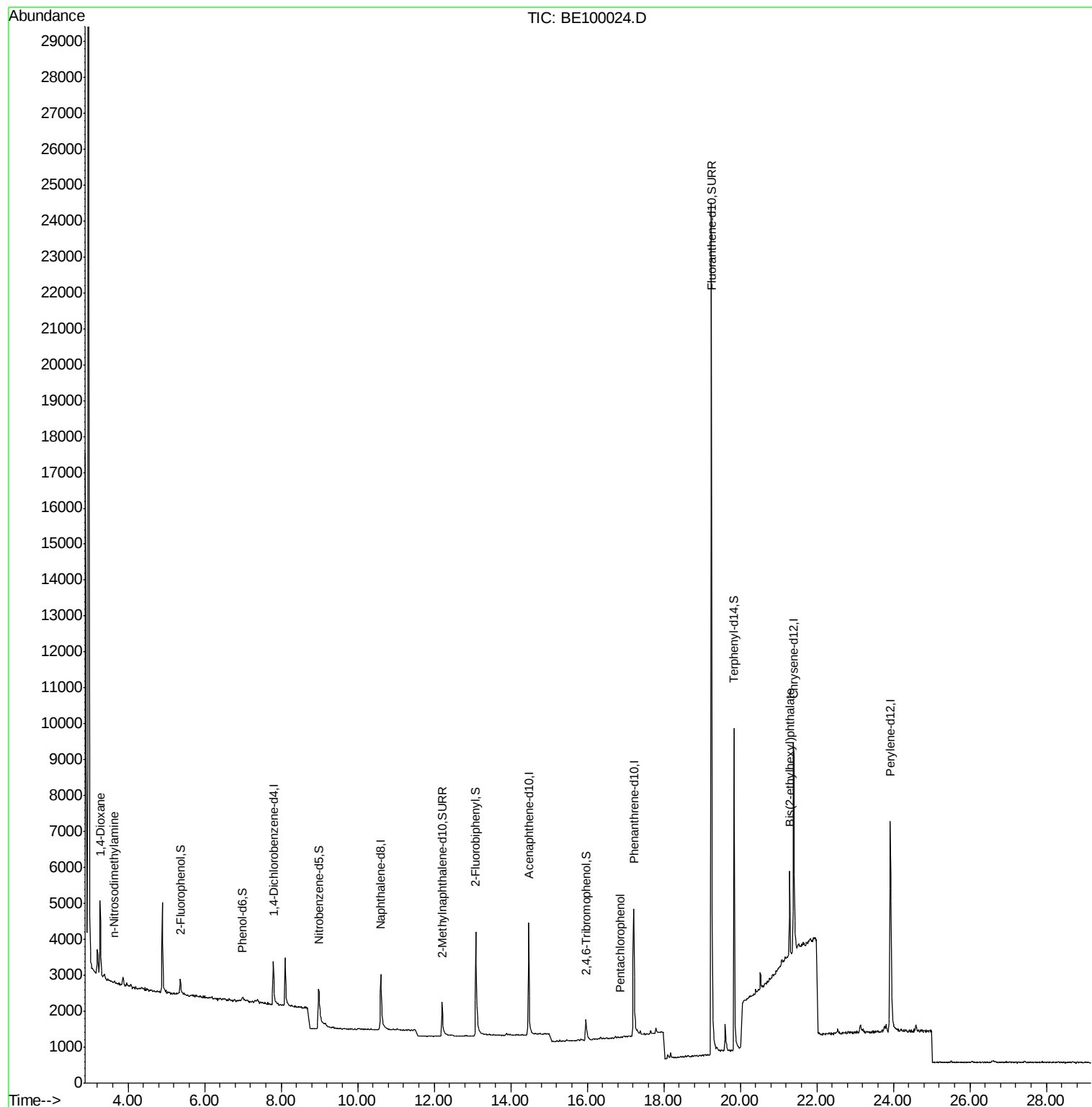
					Qvalue	
2) 1,4-Dioxane	3.27	88	1909	1.469	ng	94
3) n-Nitrosodimethylamine	3.64	42	16	0.021	ng	# 100
22) Pentachlorophenol	16.87	266	21	0.310	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.29	149	2869	0.076	ng	# 94

(#) = 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
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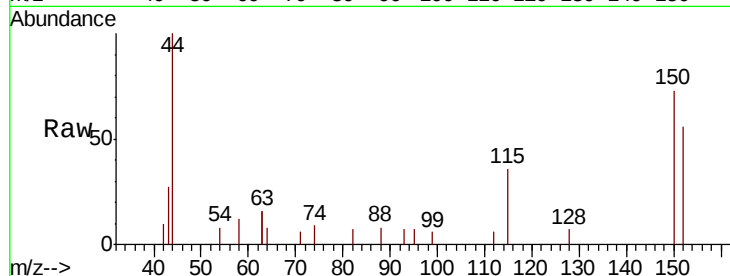


#1

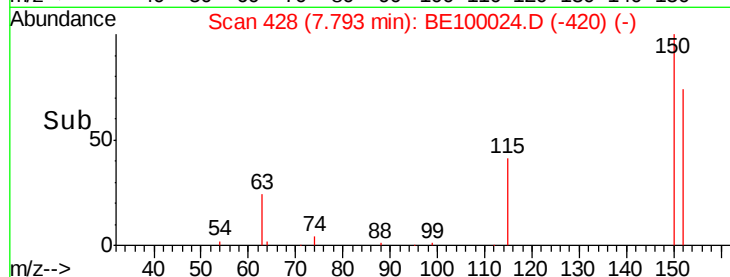
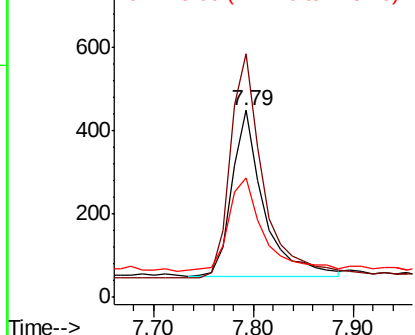
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100024.D
Acq: 14 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303I2-20190610

Tgt Ion: 152 Resp: 878
Ion Ratio Lower Upper
152 100
150 130.4 111.0 166.6
115 63.6 50.7 76.1



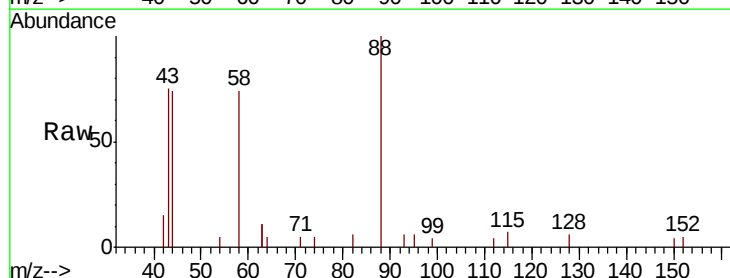
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



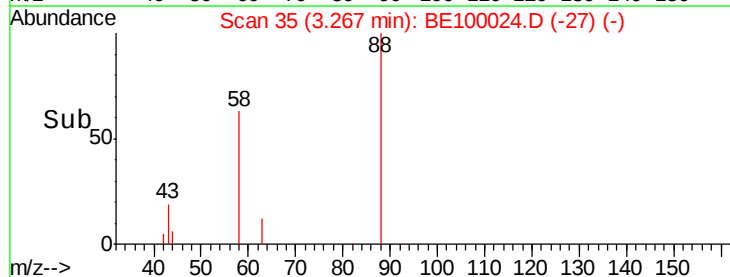
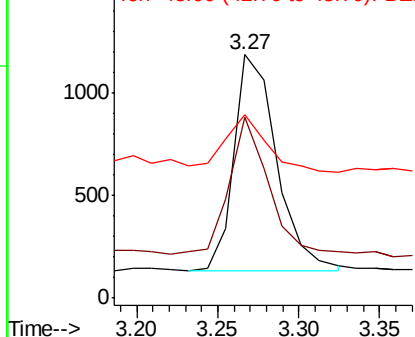
#2

1,4-Dioxane
Concen: 1.469 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100024.D
Acq: 14 Jun 2019 15:43

Tgt Ion: 88 Resp: 1909
Ion Ratio Lower Upper
88 100
58 57.0 48.8 73.2
43 26.9 19.0 28.6



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.021 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE100024.D

Acq: 14 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190610

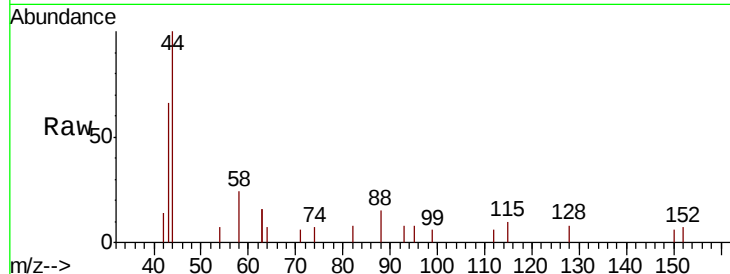
Tgt Ion: 42 Resp: 16

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

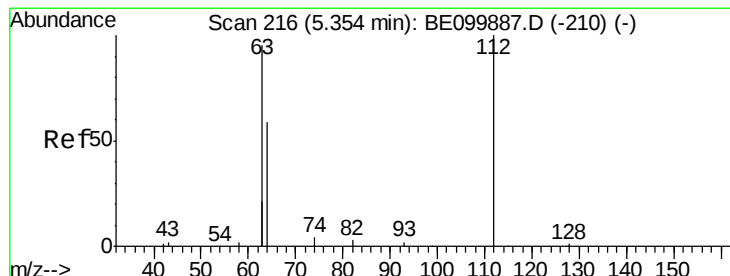
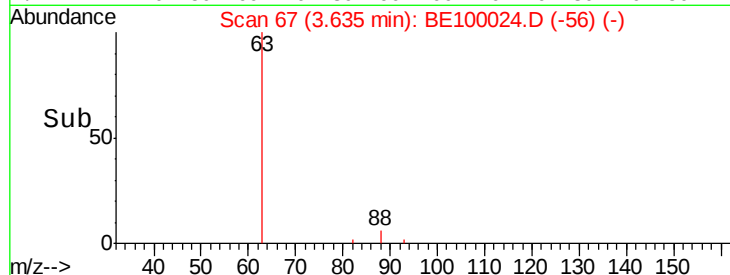
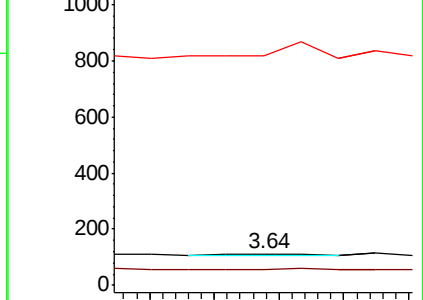
44 425.0 0.0 0.0#



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: 0.155 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100024.D

Acq: 14 Jun 2019 15:43

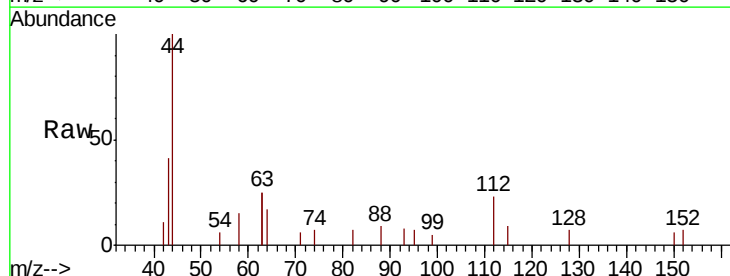
Tgt Ion: 112 Resp: 368

Ion Ratio Lower Upper

112 100

64 58.2 44.1 66.1

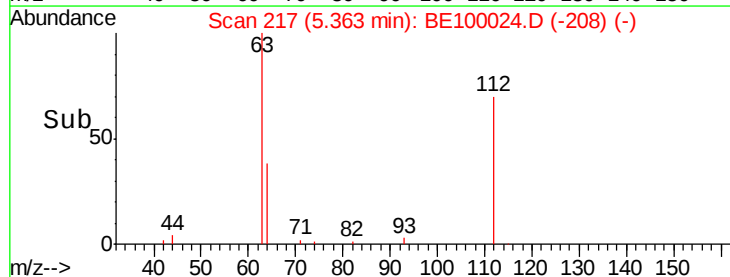
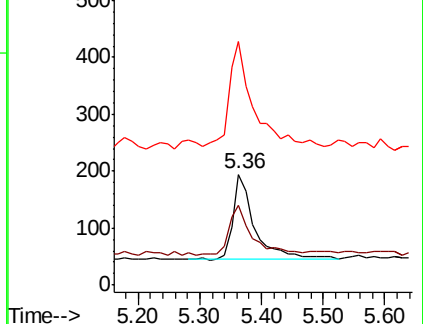
63 131.8 87.8 131.6#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.077 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.02 min

Lab File: BE100024.D

Acq: 14 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190610

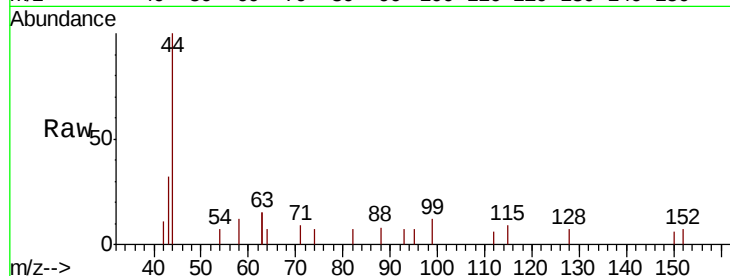
Tgt Ion: 99 Resp: 234

Ion Ratio Lower Upper

99 100

42 20.5 15.9 23.9

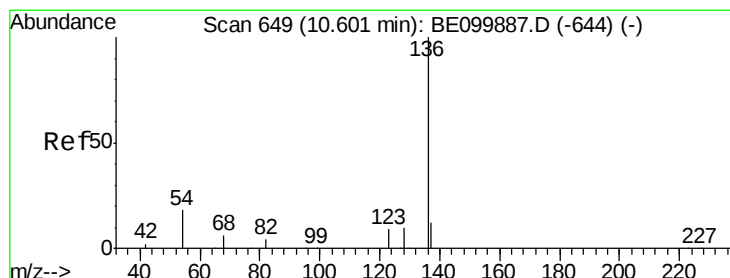
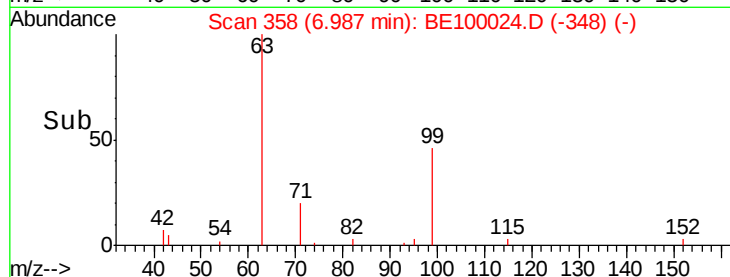
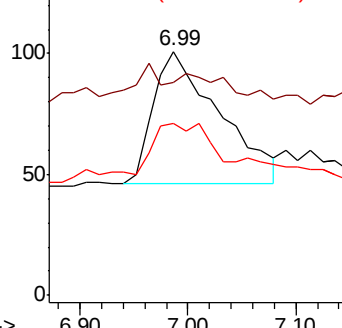
71 32.1 34.6 52.0#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100024.D

Acq: 14 Jun 2019 15:43

Tgt Ion: 136 Resp: 3079

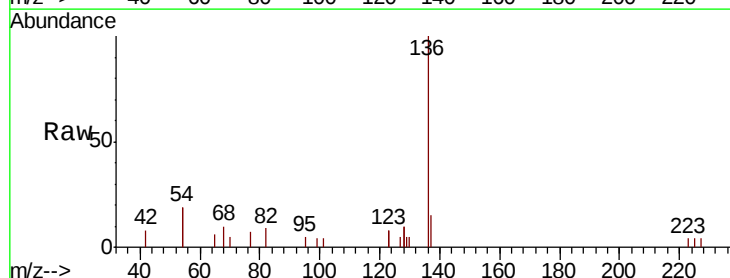
Ion Ratio Lower Upper

136 100

137 15.2 12.3 18.5

54 37.7 28.2 42.4

68 9.9 7.8 11.8

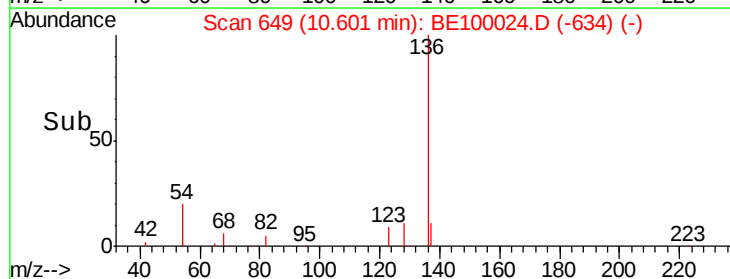
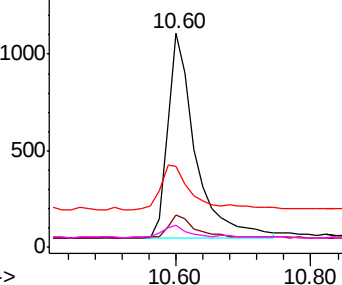


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.403 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100024.D

Acq: 14 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190610

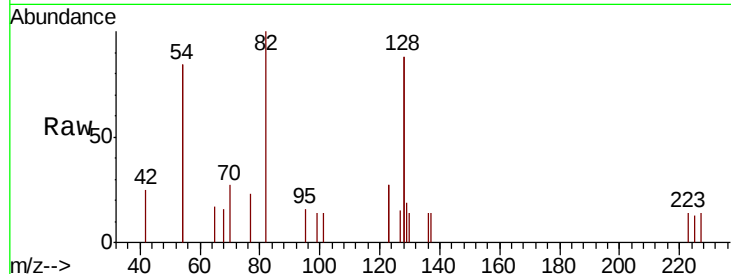
Tgt Ion: 82 Resp: 1175

Ion Ratio Lower Upper

82 100

128 176.0 137.3 205.9

54 168.4 129.7 194.5



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Time-->

8.80 8.90 9.00 9.10

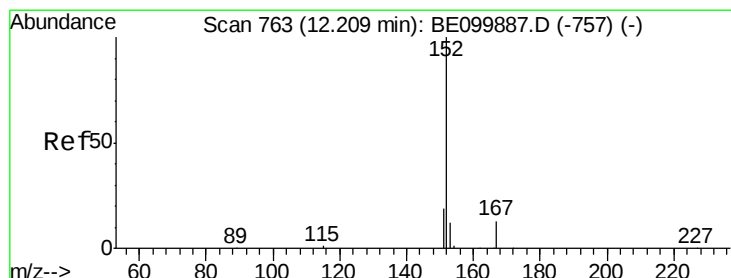
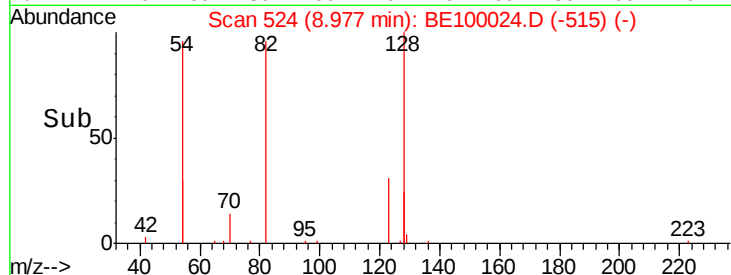
8.98

600

400

200

0



#11

2-Methylnaphthalene-d10

Concen: 0.369 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100024.D

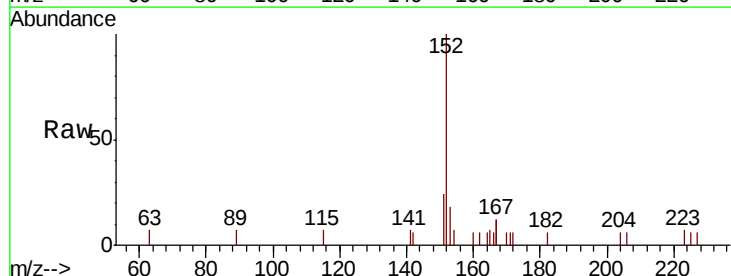
Acq: 14 Jun 2019 15:43

Tgt Ion: 152 Resp: 1984

Ion Ratio Lower Upper

152 100

151 19.1 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): BE

Ion 151.00 (150.70 to 151.70): BE

Time-->

12.10 12.20 12.30 12.40

12.21

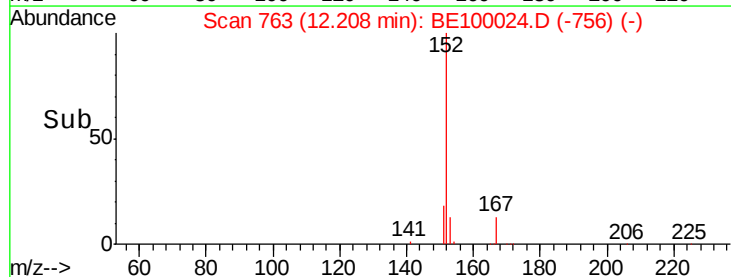
800

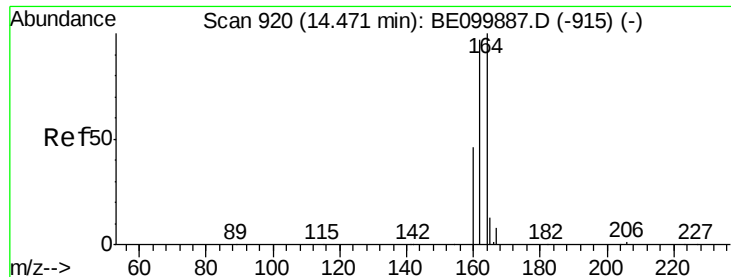
600

400

200

0

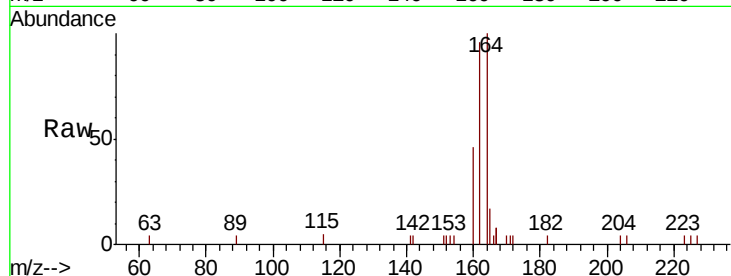




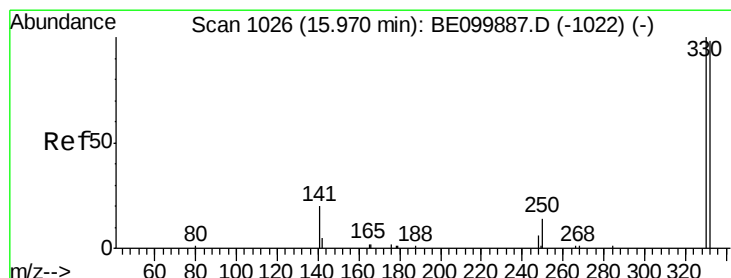
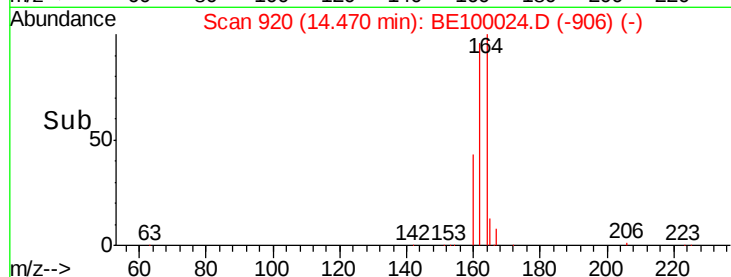
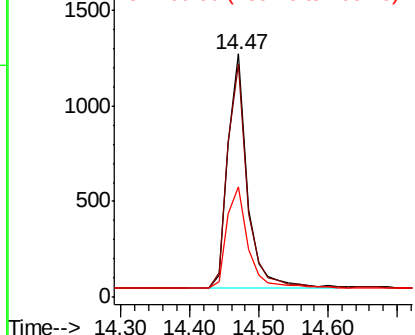
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100024.D
Acq: 14 Jun 2019 15:43

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303I2-20190610

Tgt Ion:164 Resp: 2412
Ion Ratio Lower Upper
164 100
162 95.8 77.8 116.8
160 45.6 38.2 57.4

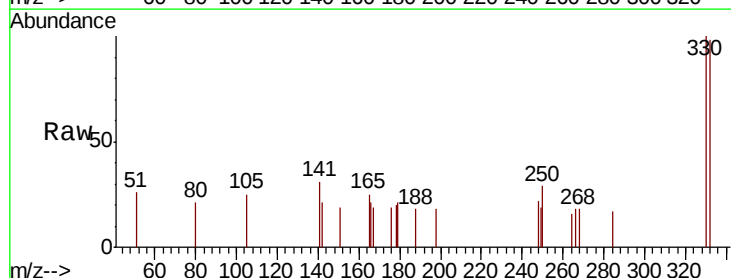


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

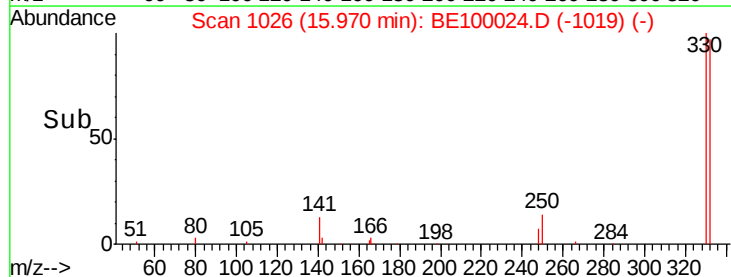
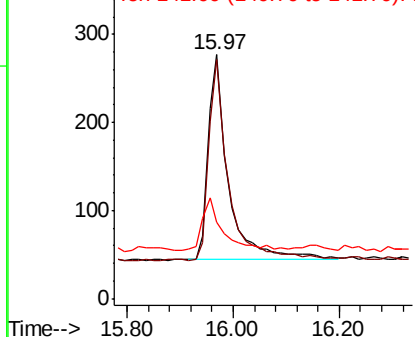


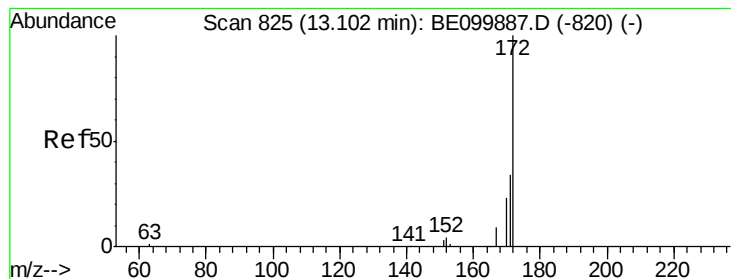
#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100024.D
Acq: 14 Jun 2019 15:43

Tgt Ion:330 Resp: 611
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 25.7 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

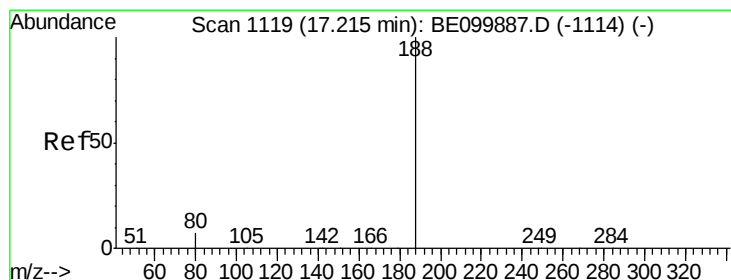
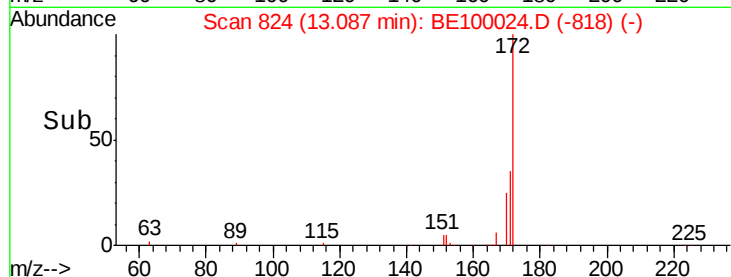
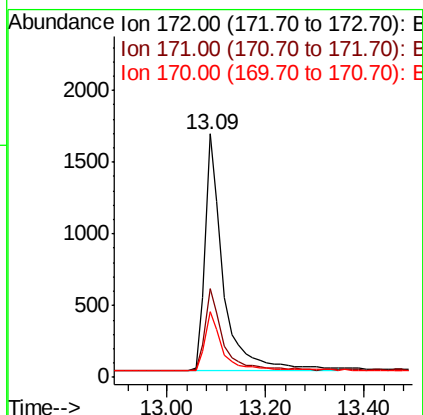
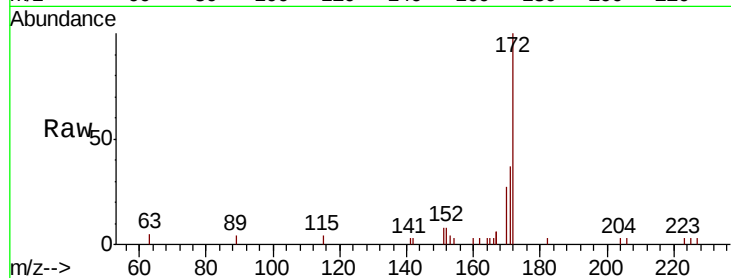




#15
2-Fluorobiphenyl
Concen: 0.467 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100024.D
Acq: 14 Jun 2019 15:43

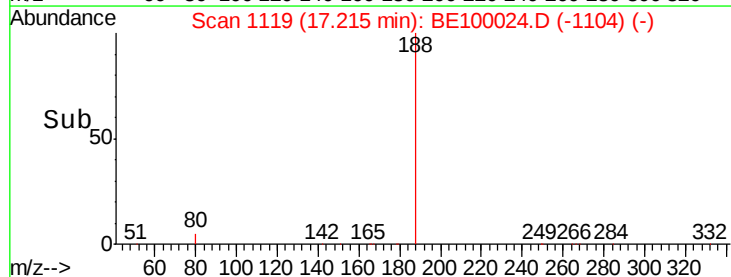
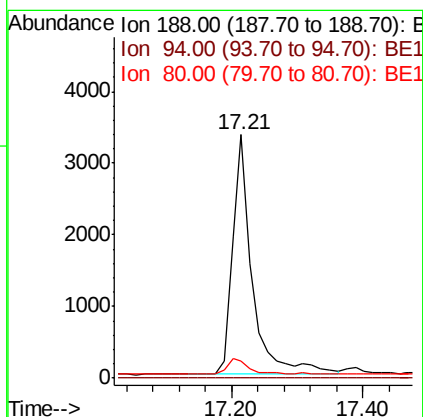
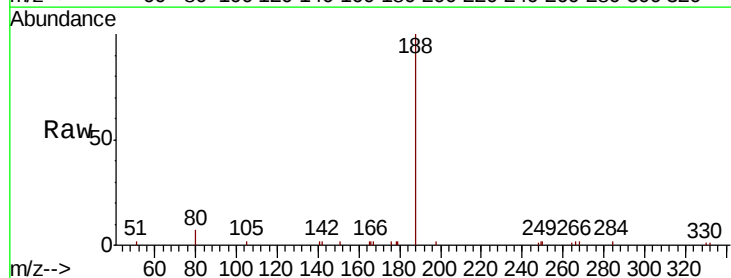
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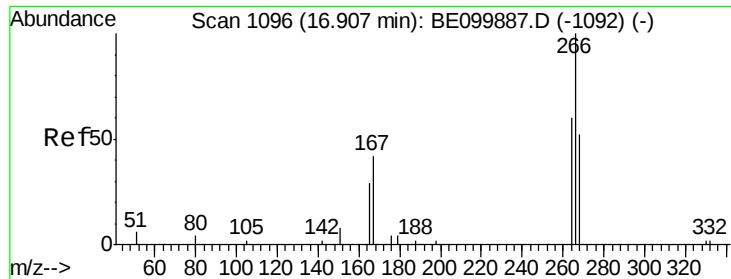
Tgt Ion:172 Resp: 4268
Ion Ratio Lower Upper
172 100
171 36.6 29.2 43.8
170 27.1 21.2 31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100024.D
Acq: 14 Jun 2019 15:43

Tgt Ion:188 Resp: 7069
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.9 6.4 9.6

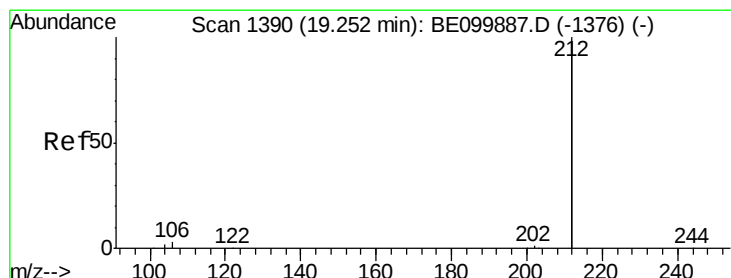
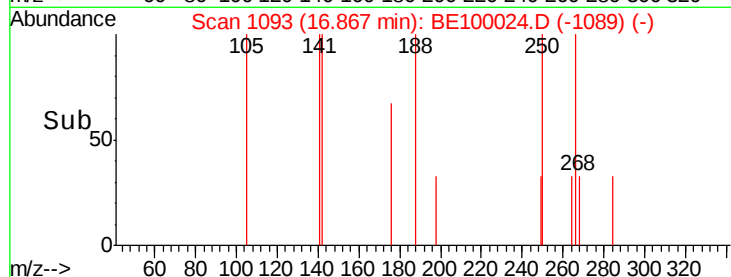
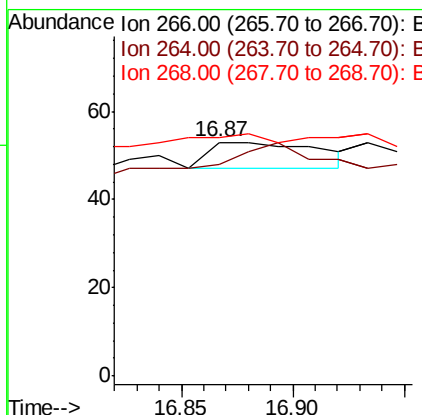
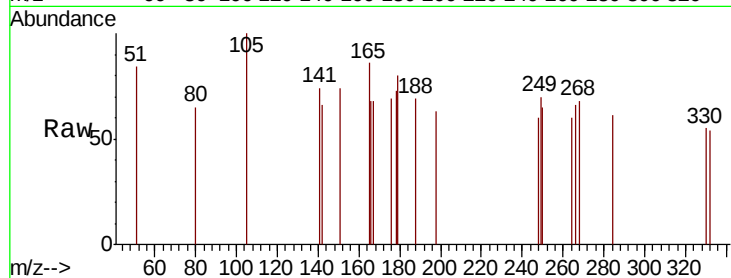




#22
 Pentachlorophenol
 Concen: 0.310 ng
 RT: 16.87 min Scan# 1093
 Delta R.T. -0.04 min
 Lab File: BE100024.D
 Acq: 14 Jun 2019 15:43

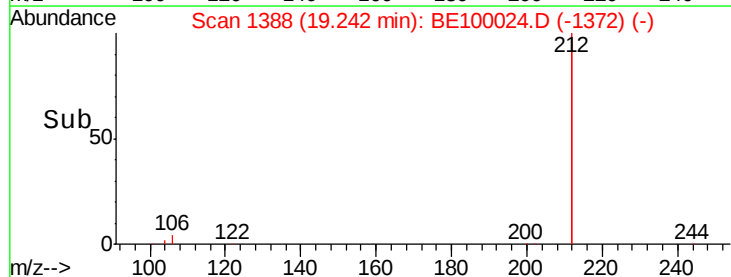
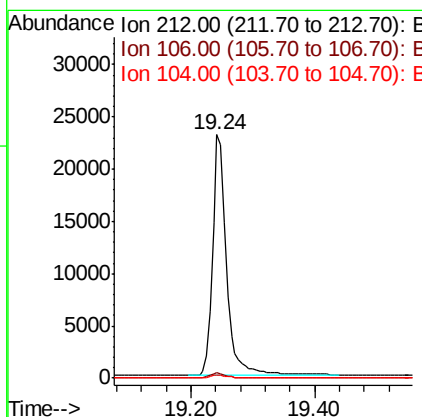
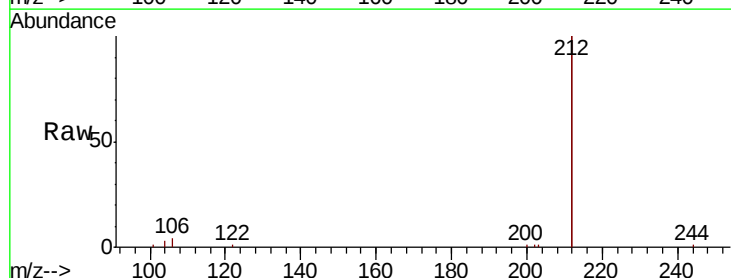
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303I2-20190610

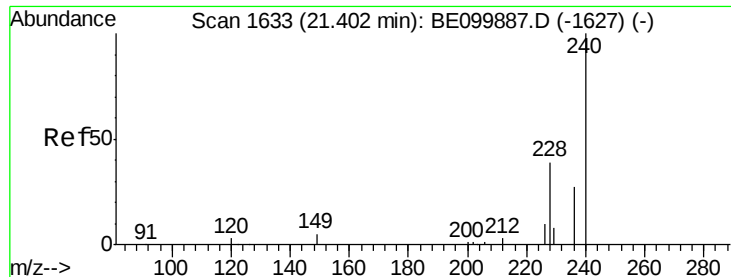
Tgt Ion: 266 Resp: 21
 Ion Ratio Lower Upper
 266 100
 264 90.6 62.2 93.2
 268 101.9 65.5 98.3#



#25
 Fluoranthene-d10
 Concen: 0.353 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE100024.D
 Acq: 14 Jun 2019 15:43

Tgt Ion: 212 Resp: 36392
 Ion Ratio Lower Upper
 212 100
 106 1.7 1.4 2.2
 104 1.1 0.9 1.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE100024.D

Acq: 14 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190610

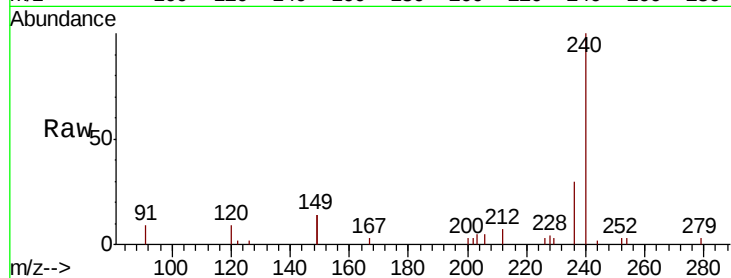
Tgt Ion:240 Resp: 8822

Ion Ratio Lower Upper

240 100

120 9.3 3.8 5.6#

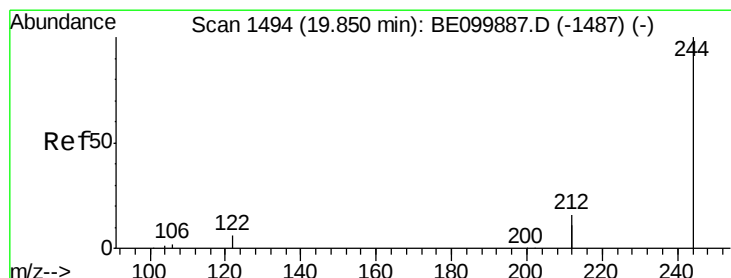
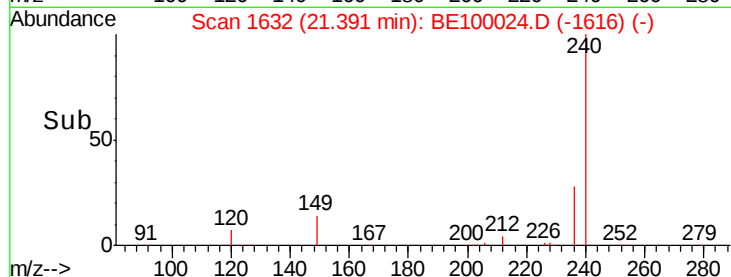
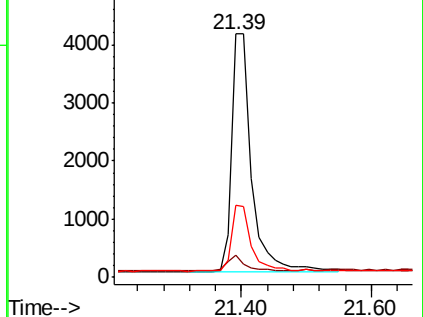
236 29.6 22.0 33.0



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: 0.615 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100024.D

Acq: 14 Jun 2019 15:43

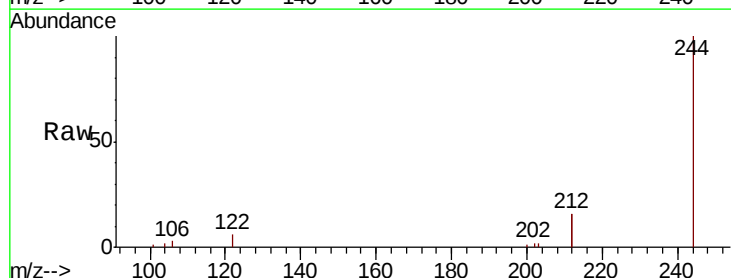
Tgt Ion:244 Resp: 9774

Ion Ratio Lower Upper

244 100

212 32.1 25.7 38.5

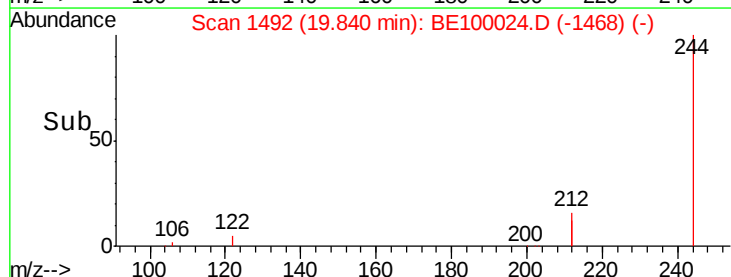
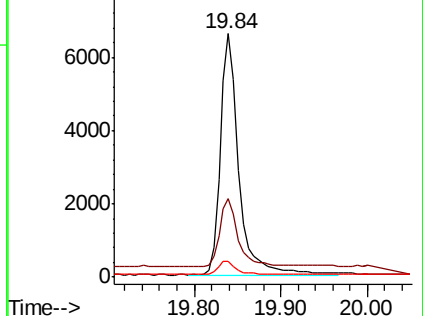
122 6.3 5.5 8.3

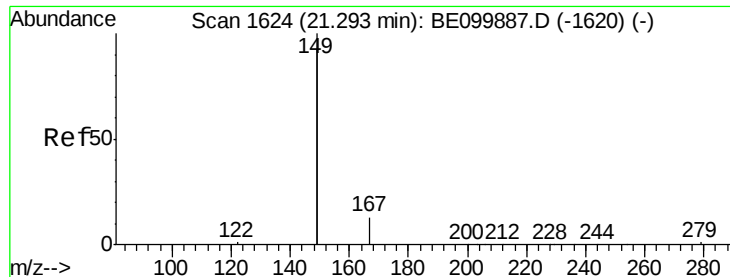


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.076 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100024.D

Acq: 14 Jun 2019 15:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20190610

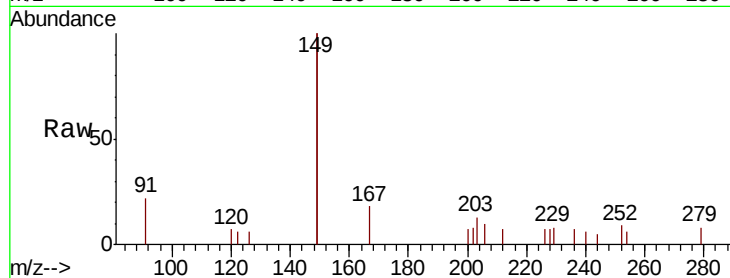
Tgt Ion:149 Resp: 2869

Ion Ratio Lower Upper

149 100

167 9.7 5.9 8.9#

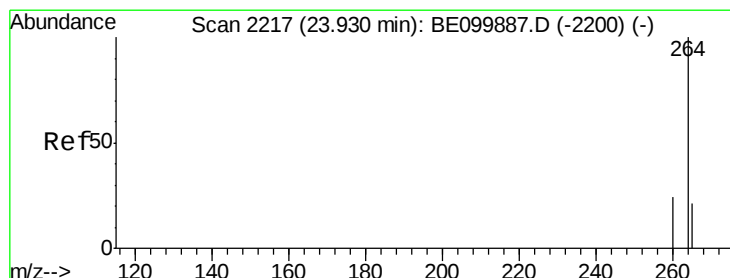
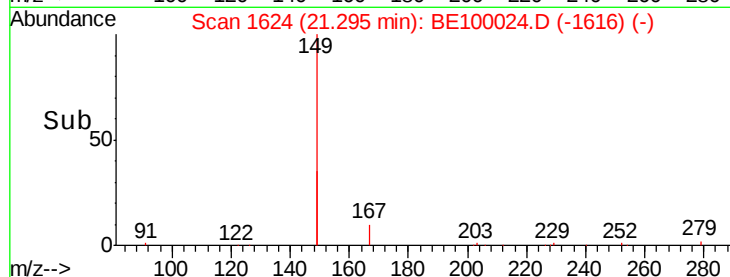
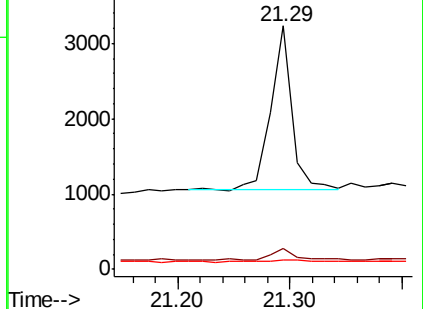
279 2.7 1.2 1.8#



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: BE100024.D

Acq: 14 Jun 2019 15:43

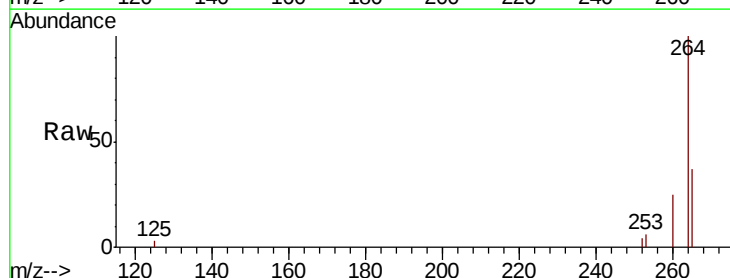
Tgt Ion:264 Resp: 10225

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 37.5 22.0 33.0#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

