

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061319\
 Data File : BE100001.D
 Acq On : 13 Jun 2019 22:01
 Operator : JU/SJ
 Sample : K3279-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-EB03-20190607

Quant Time: Jun 14 03:26:54 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

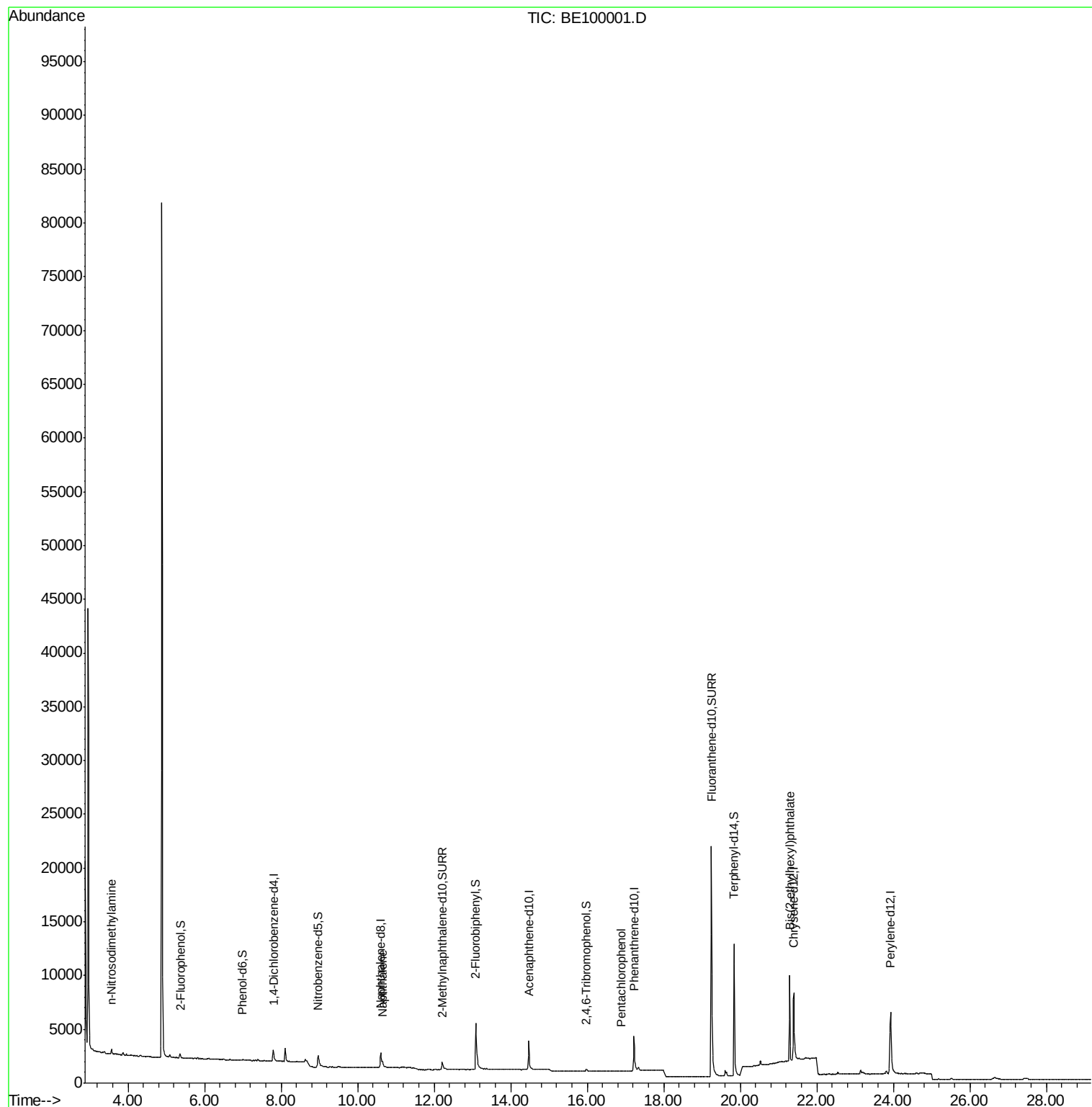
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	740	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2639	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2128	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7165	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9558	0.40	ng	0.00
34) Perylene-d12	23.93	264	10937	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	277	0.14	ng	0.00
5) Phenol-d6	6.98	99	187	0.07	ng	0.00
8) Nitrobenzene-d5	8.96	82	1014	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1554	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	217	0.14	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	6849	0.85	ng	-0.01
25) Fluoranthene-d10	19.25	212	37290	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	14040	0.82	ng	-0.01
Target Compounds						
3) n-Nitrosodimethylamine	3.57	42	52	0.082	ng	# 100
9) Naphthalene	10.65	128	924	0.032	ng	# 79
22) Pentachlorophenol	16.88	266	2	0.301	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.29	149	9312	0.227	ng	99

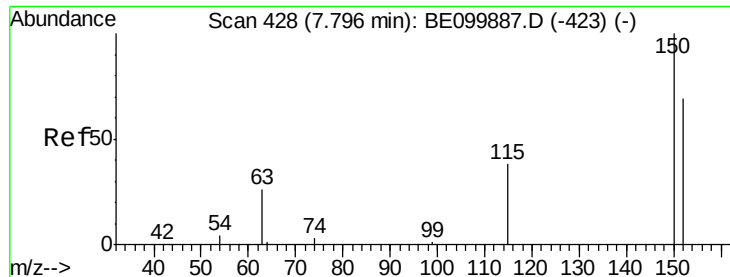
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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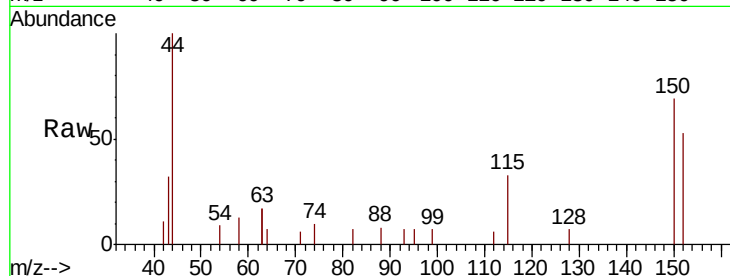


#1

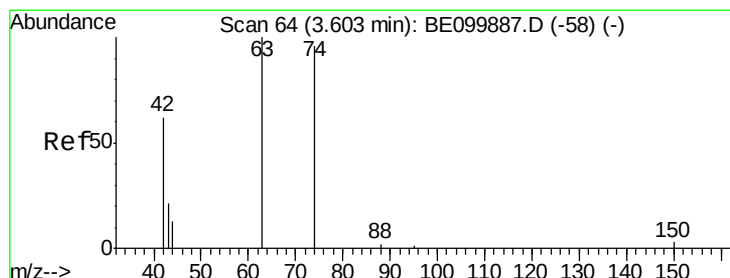
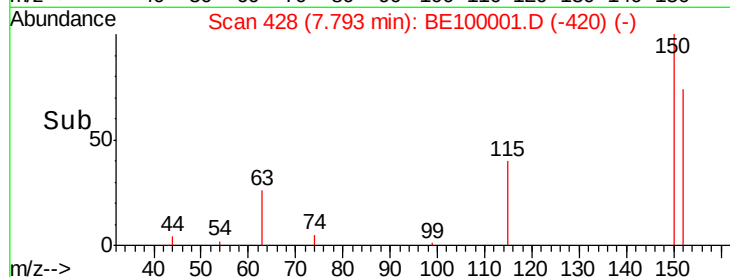
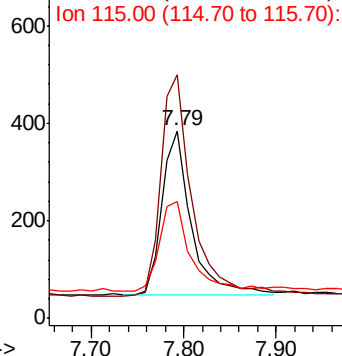
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100001.D
Acq: 13 Jun 2019 22:01

Instrument :
BNA_E
ClientSampleId :
BP-EB03-20190607

Tgt Ion: 152 Resp: 740
Ion Ratio Lower Upper
152 100
150 129.6 111.0 166.6
115 62.1 50.7 76.1



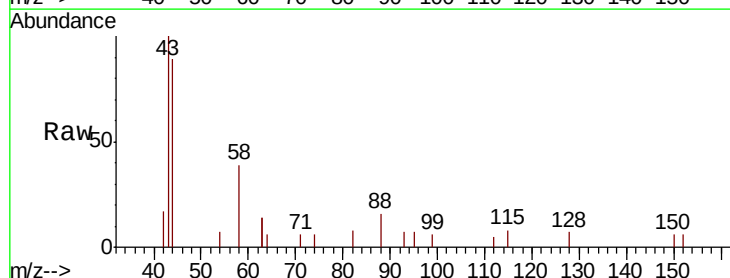
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



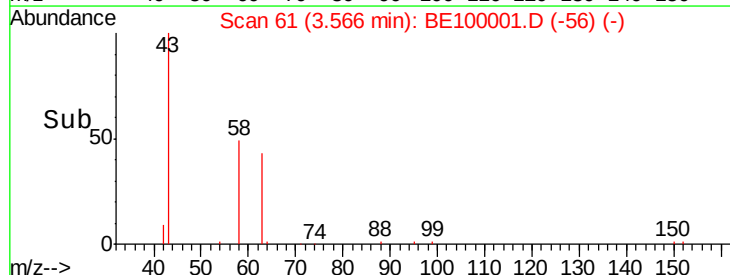
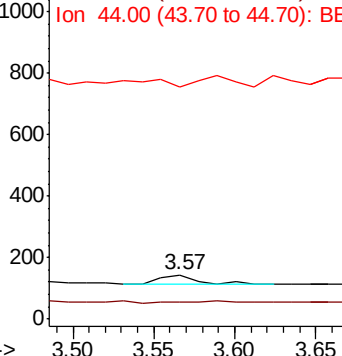
#3

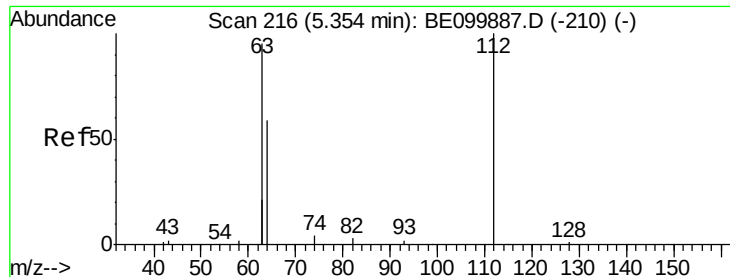
n-Nitrosodimethylamine
Concen: 0.082 ng
RT: 3.57 min Scan# 61
Delta R.T. -0.04 min
Lab File: BE100001.D
Acq: 13 Jun 2019 22:01

Tgt Ion: 42 Resp: 52
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 69.2 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: 0.139 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100001.D

Acq: 13 Jun 2019 22:01

Instrument :

BNA_E

ClientSampleId :

BP-EB03-20190607

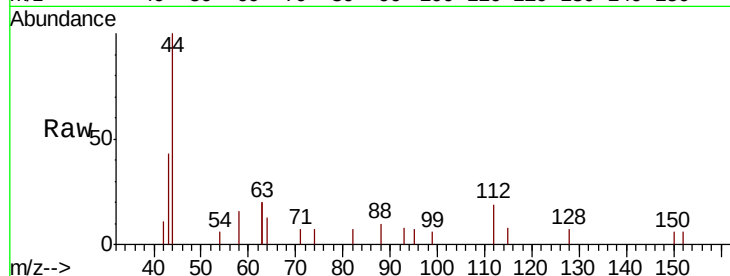
Tgt Ion: 112 Resp: 277

Ion Ratio Lower Upper

112 100

64 56.7 44.1 66.1

63 128.9 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

500

400

300

200

100

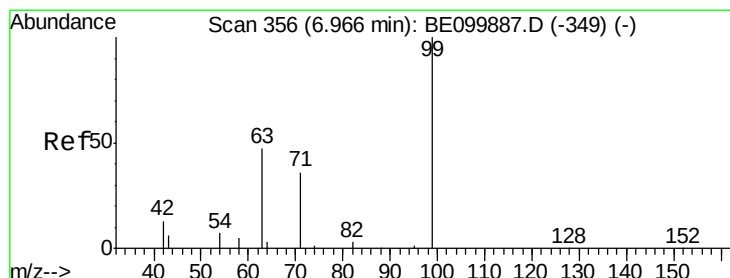
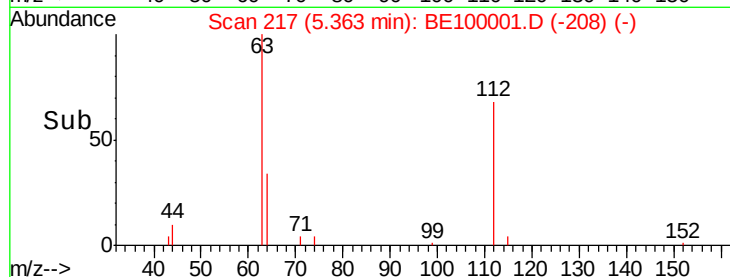
0

5.30

5.40

5.50

Time-->



#5

Phenol-d6

Concen: 0.073 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100001.D

Acq: 13 Jun 2019 22:01

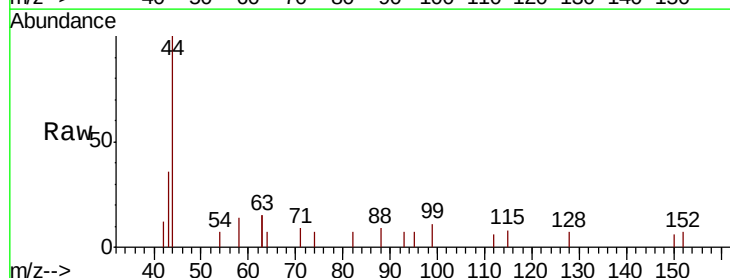
Tgt Ion: 99 Resp: 187

Ion Ratio Lower Upper

99 100

42 0.0 15.9 23.9#

71 46.5 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

120

100

80

60

40

20

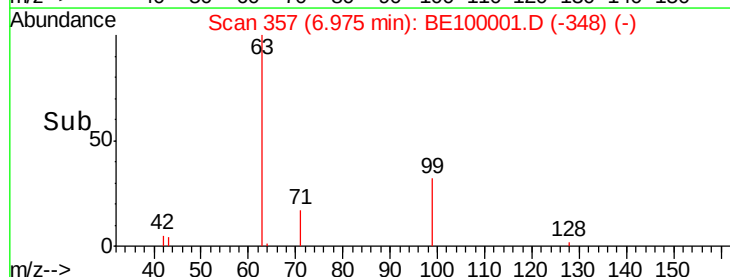
0

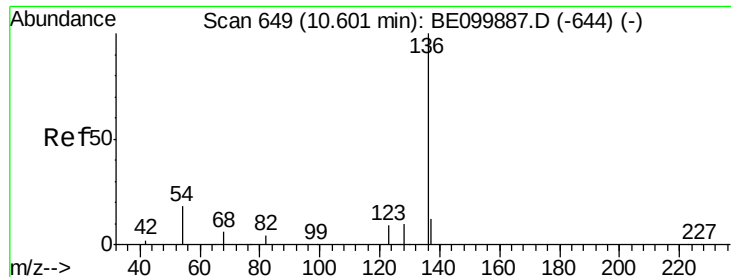
6.90

7.00

7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100001.D

Acq: 13 Jun 2019 22:01

Instrument :

BNA_E

ClientSampleId :

BP-EB03-20190607

Tgt Ion: 136 Resp: 2639

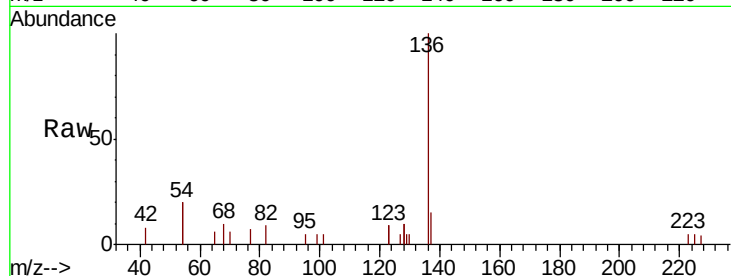
Ion Ratio Lower Upper

136 100

137 14.9 12.3 18.5

54 39.0 28.2 42.4

68 10.1 7.8 11.8

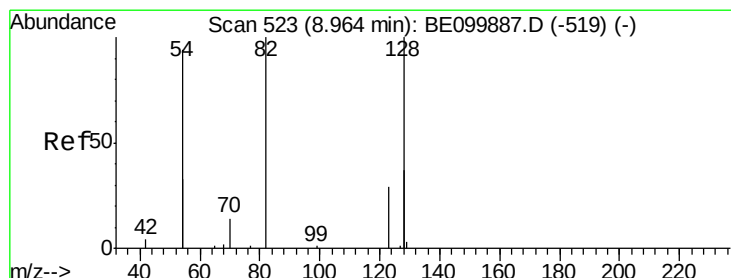
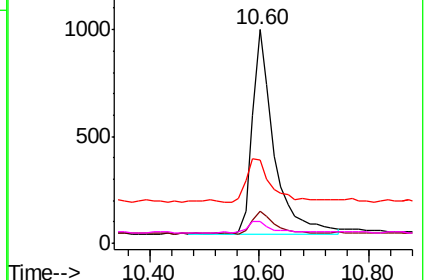
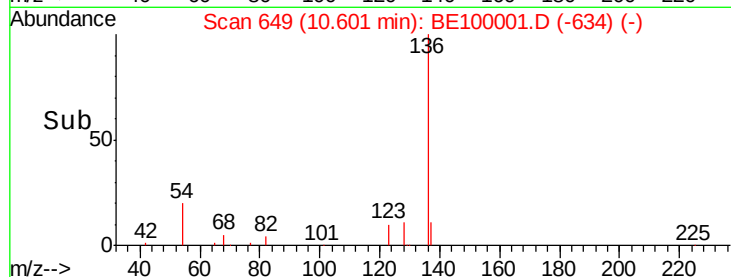


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.406 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100001.D

Acq: 13 Jun 2019 22:01

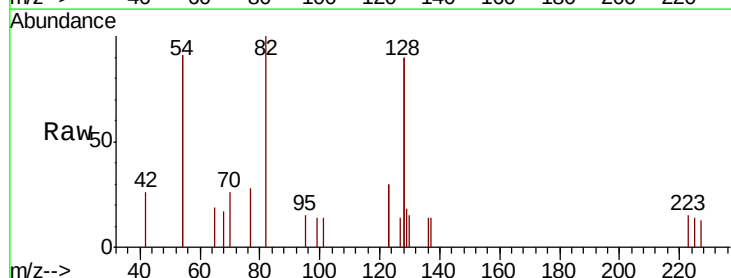
Tgt Ion: 82 Resp: 1014

Ion Ratio Lower Upper

82 100

128 179.8 137.3 205.9

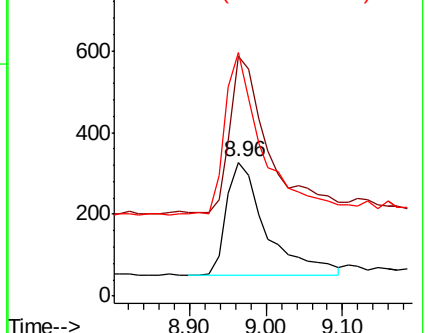
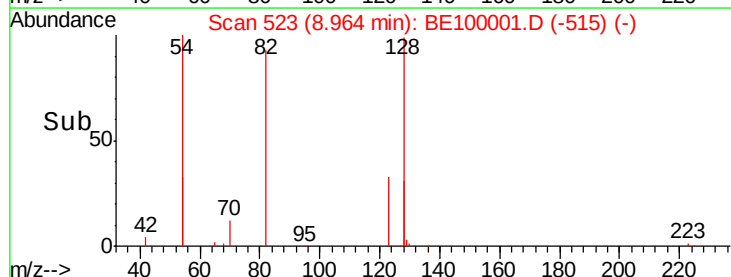
54 182.3 129.7 194.5

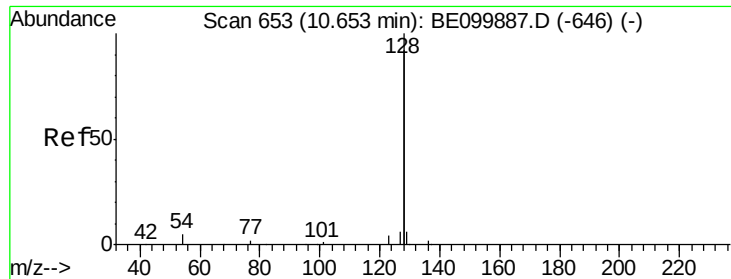


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.032 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100001.D

Acq: 13 Jun 2019 22:01

Instrument :

BNA_E

ClientSampleId :

BP-EB03-20190607

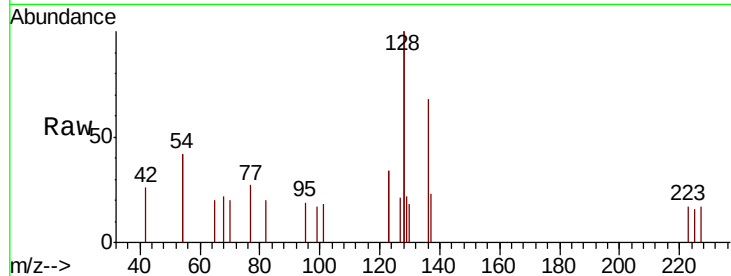
Tgt Ion:128 Resp: 924

Ion Ratio Lower Upper

128 100

129 11.0 3.0 4.6#

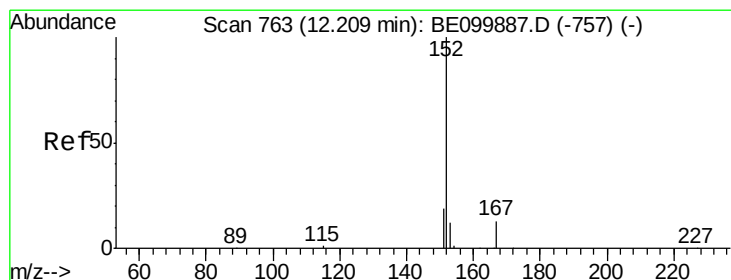
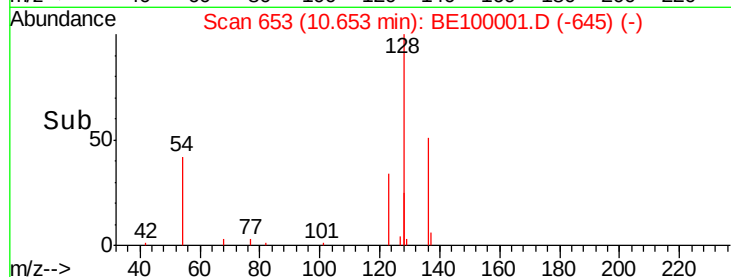
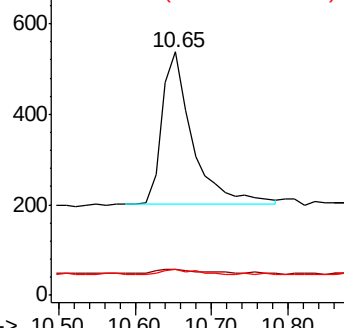
127 10.6 3.4 5.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.338 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100001.D

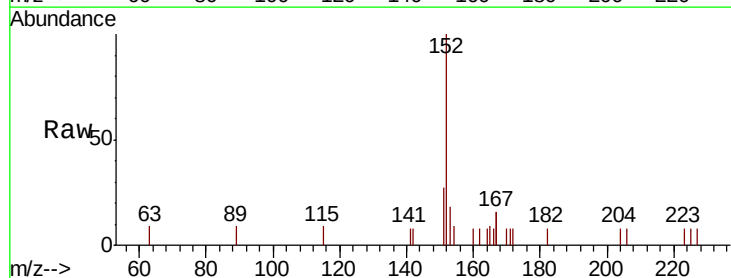
Acq: 13 Jun 2019 22:01

Tgt Ion:152 Resp: 1554

Ion Ratio Lower Upper

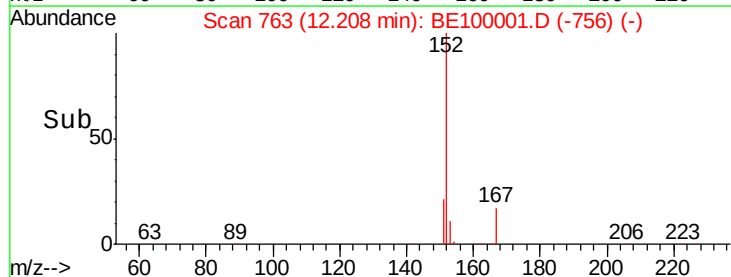
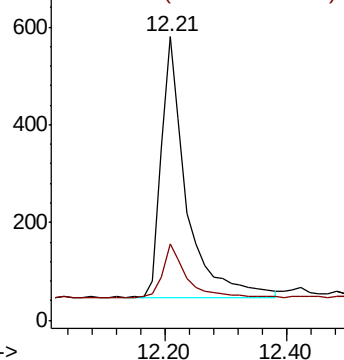
152 100

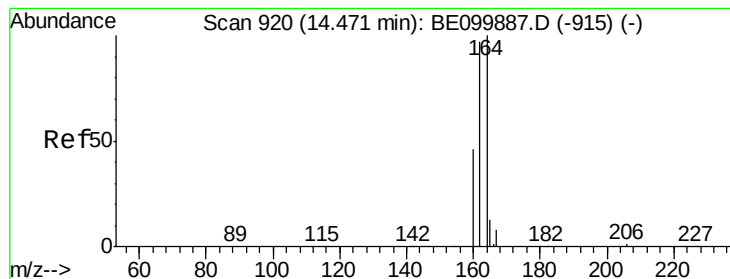
151 20.4 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100001.D

Acq: 13 Jun 2019 22:01

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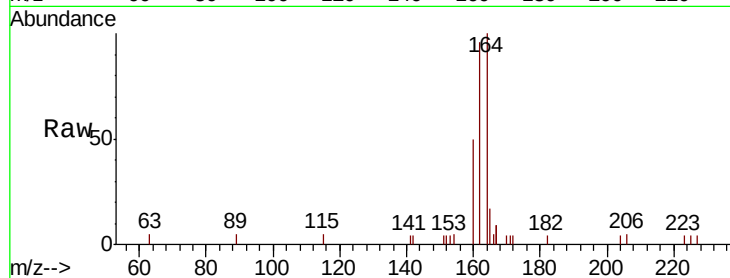
Tgt Ion:164 Resp: 2128

Ion Ratio Lower Upper

164 100

162 96.4 77.8 116.8

160 50.1 38.2 57.4

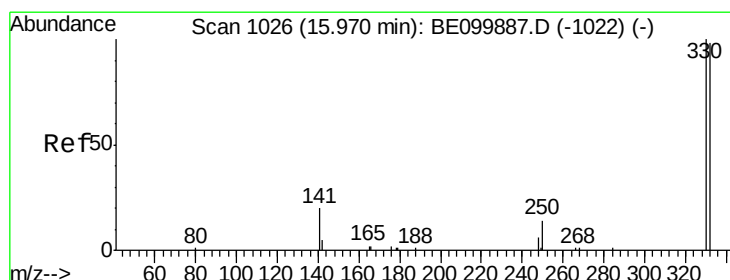
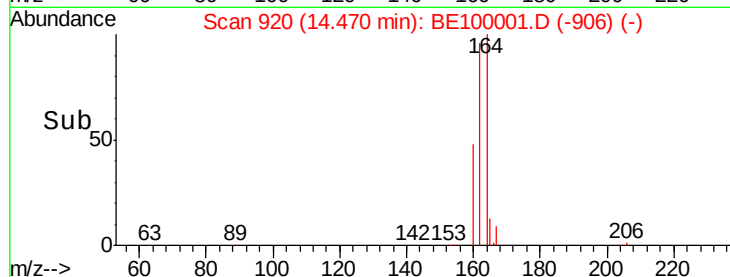
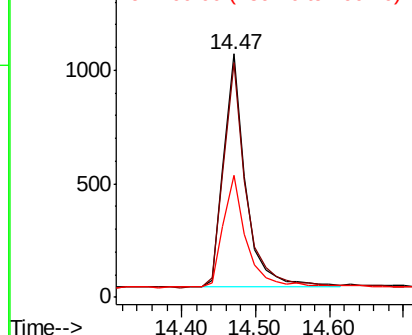


Abundance

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: 0.138 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BE100001.D

Acq: 13 Jun 2019 22:01

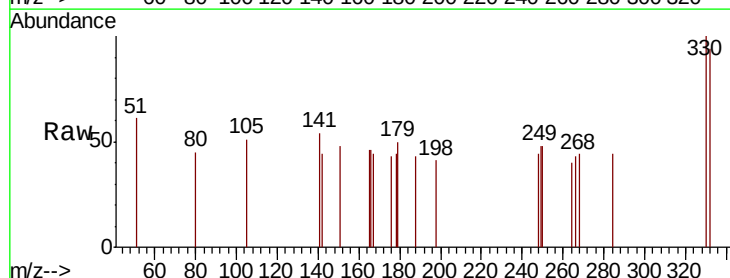
Tgt Ion:330 Resp: 217

Ion Ratio Lower Upper

330 100

332 91.2 76.7 115.1

141 26.7 21.0 31.6

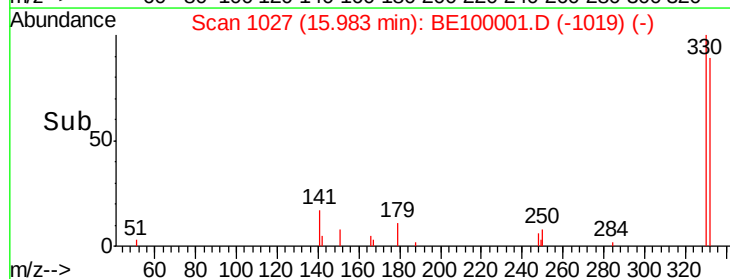
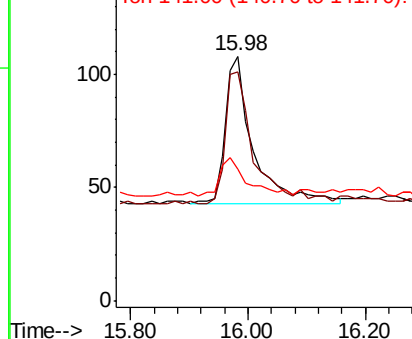


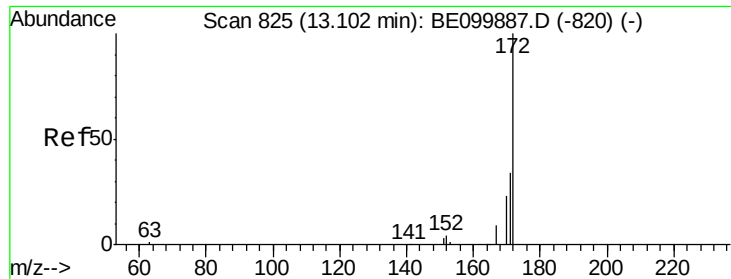
Abundance

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

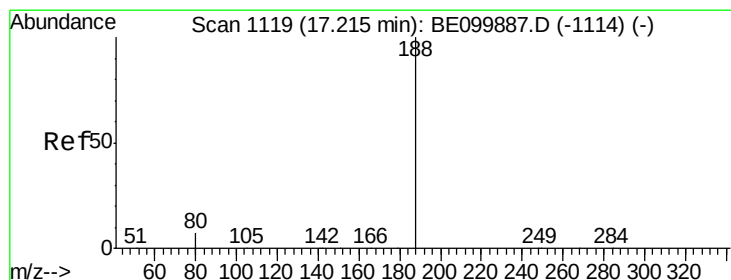
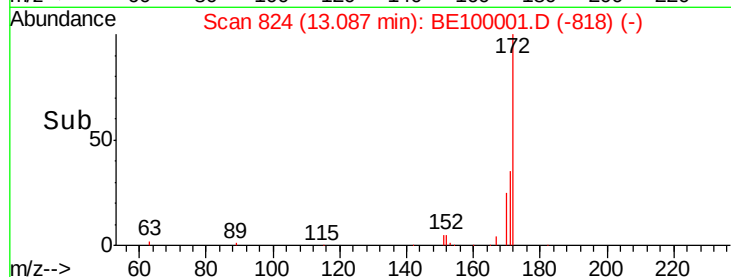
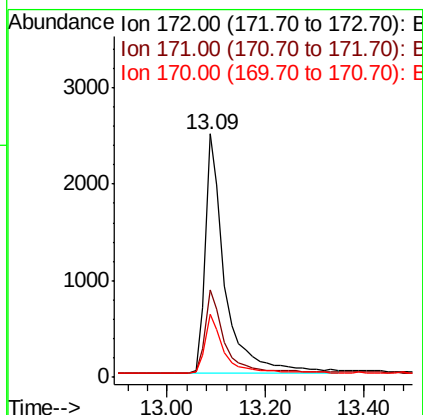
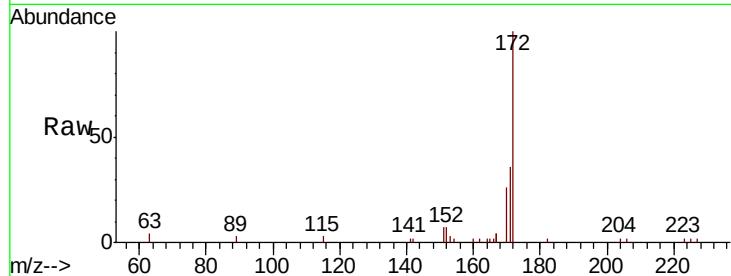




#15
2-Fluorobiphenyl
Concen: 0.849 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100001.D
Acq: 13 Jun 2019 22:01

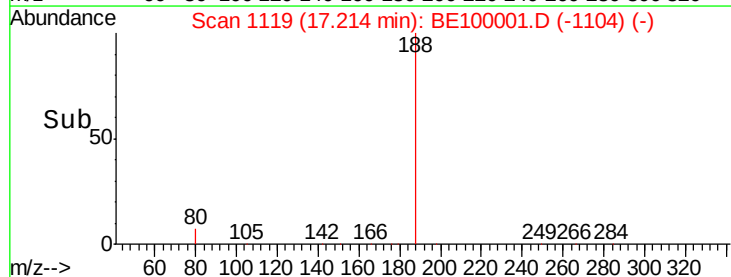
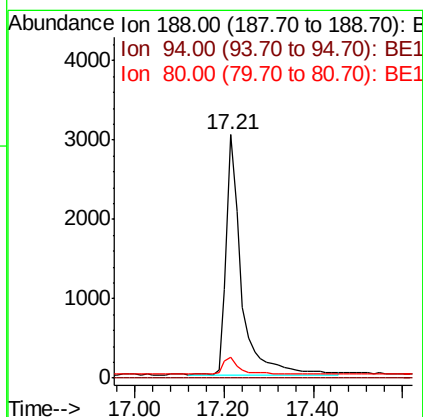
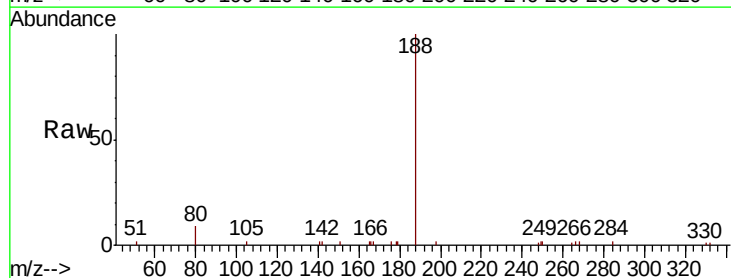
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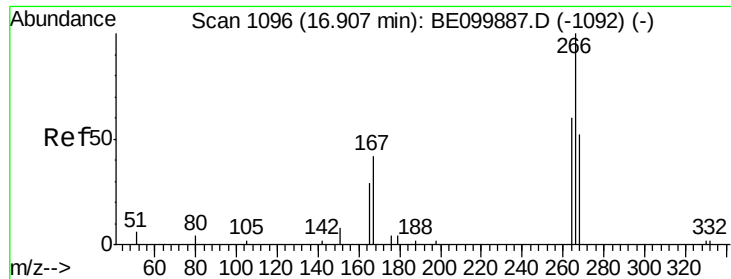
Tgt Ion:172 Resp: 6849
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 26.2 21.2 31.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100001.D
Acq: 13 Jun 2019 22:01

Tgt Ion:188 Resp: 7165
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 6.4 9.6

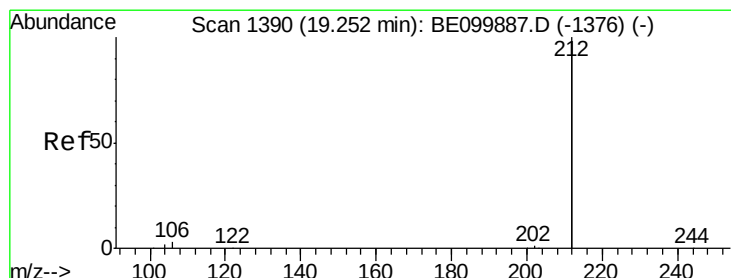
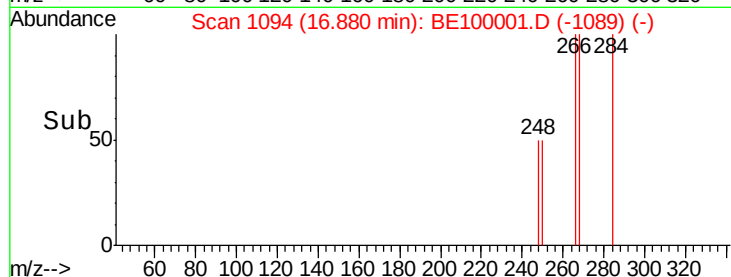
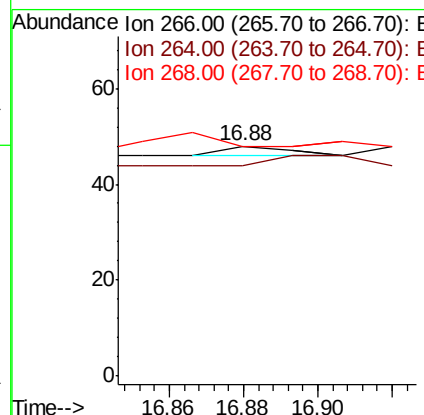
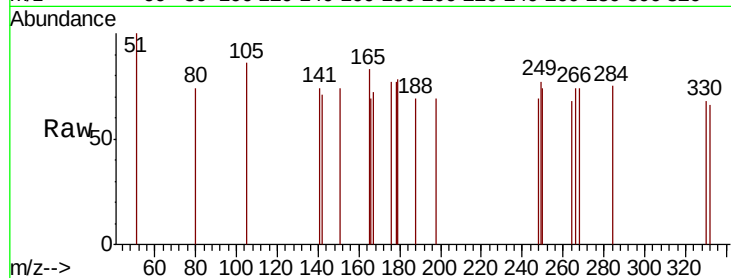




#22
 Pentachlorophenol
 Concen: 0.301 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BE100001.D
 Acq: 13 Jun 2019 22:01

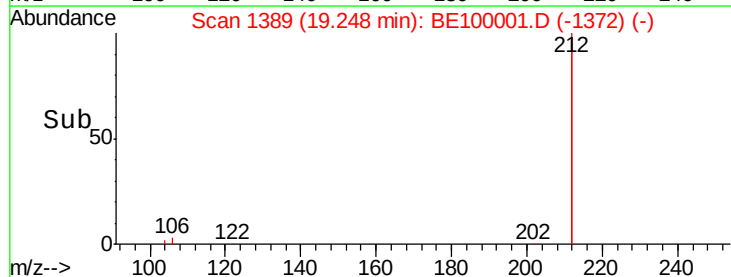
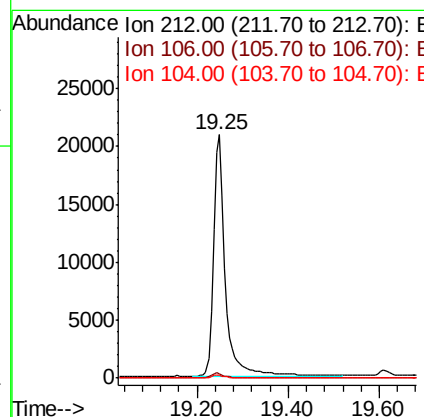
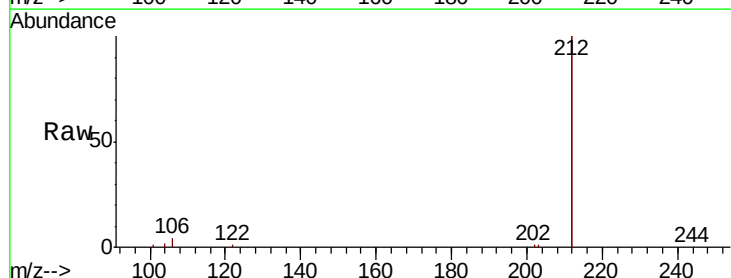
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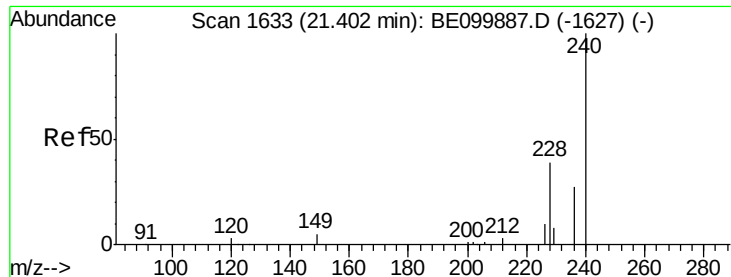
Tgt Ion: 266 Resp: 2
 Ion Ratio Lower Upper
 266 100
 264 91.7 62.2 93.2
 268 100.0 65.5 98.3#



#25
 Fluoranthene-d10
 Concen: 0.357 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE100001.D
 Acq: 13 Jun 2019 22:01

Tgt Ion: 212 Resp: 37290
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.0 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: BE100001.D

Acq: 13 Jun 2019 22:01

Instrument :

BNA_E

ClientSampleId :

BP-EB03-20190607

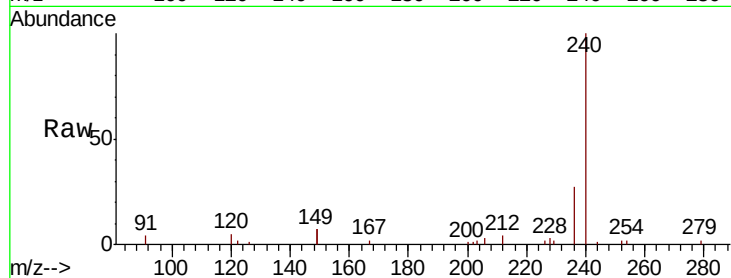
Tgt Ion:240 Resp: 9558

Ion Ratio Lower Upper

240 100

120 5.1 3.8 5.6

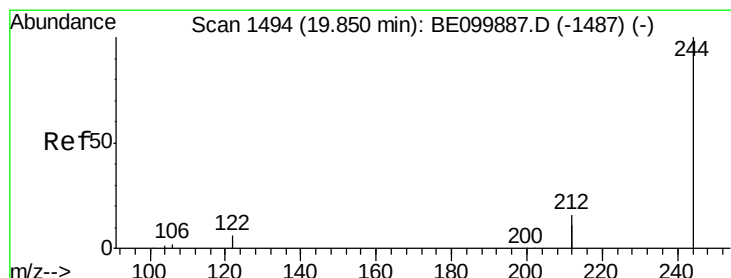
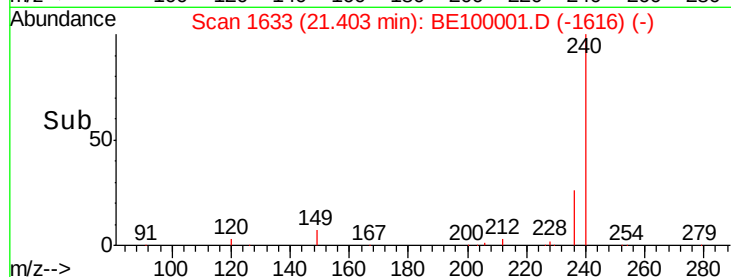
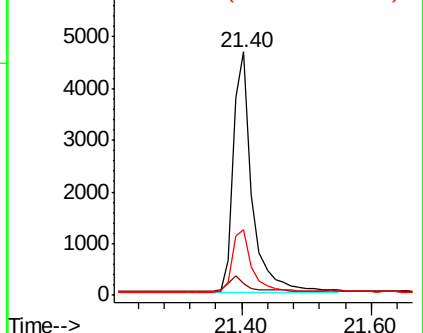
236 26.8 22.0 33.0



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: 0.816 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100001.D

Acq: 13 Jun 2019 22:01

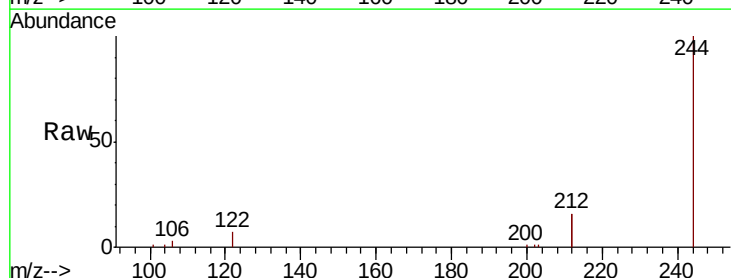
Tgt Ion:244 Resp: 14040

Ion Ratio Lower Upper

244 100

212 31.0 25.7 38.5

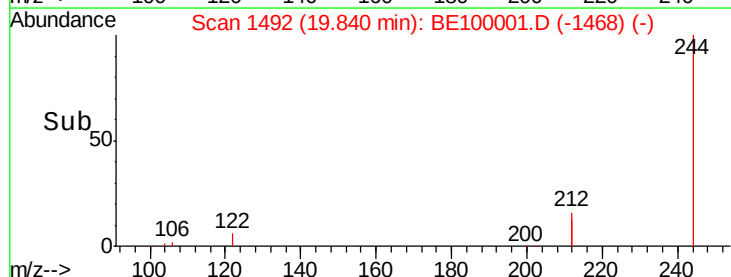
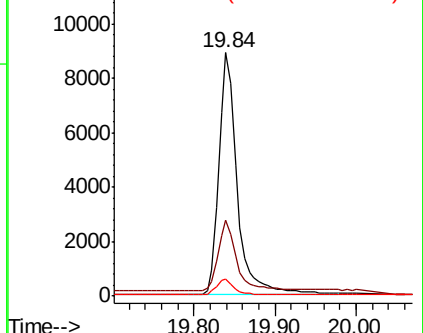
122 6.8 5.5 8.3

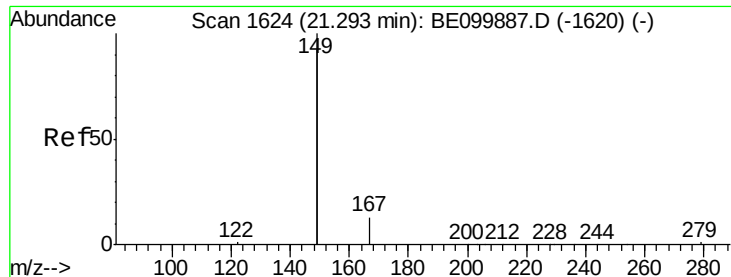


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.227 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100001.D

Acq: 13 Jun 2019 22:01

Instrument :

BNA_E

ClientSampleId :

BP-EB03-20190607

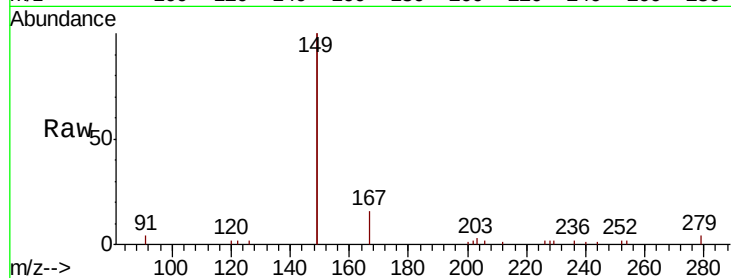
Tgt Ion:149 Resp: 9312

Ion Ratio Lower Upper

149 100

167 7.9 5.9 8.9

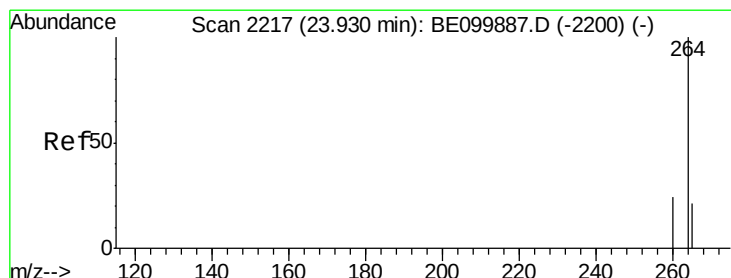
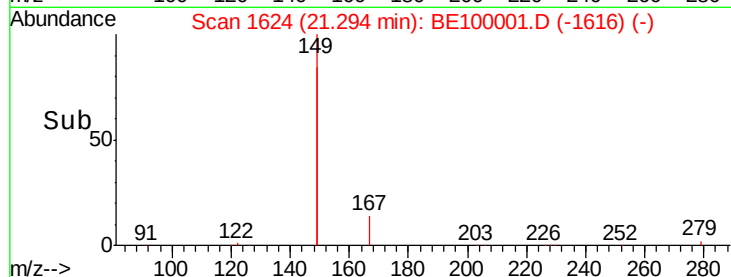
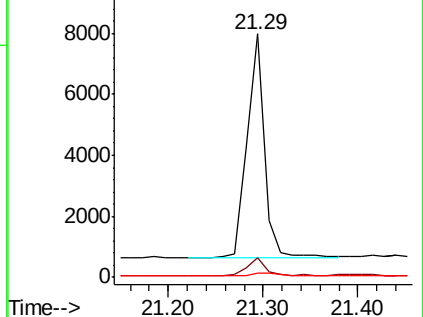
279 1.4 1.2 1.8



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: BE100001.D

Acq: 13 Jun 2019 22:01

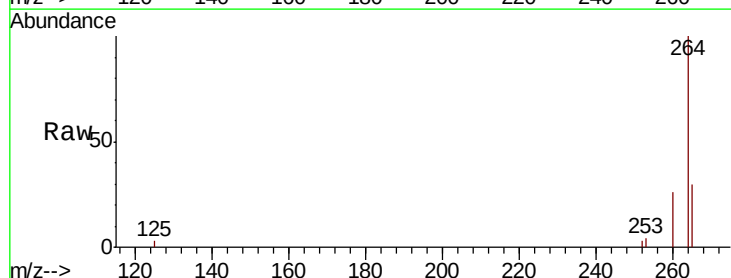
Tgt Ion:264 Resp: 10937

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

265 29.9 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

