

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
 Data File : BE100035.D
 Acq On : 14 Jun 2019 22:23
 Operator : JU/SJ
 Sample : K3284-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190610

Quant Time: Jun 15 02:05:32 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

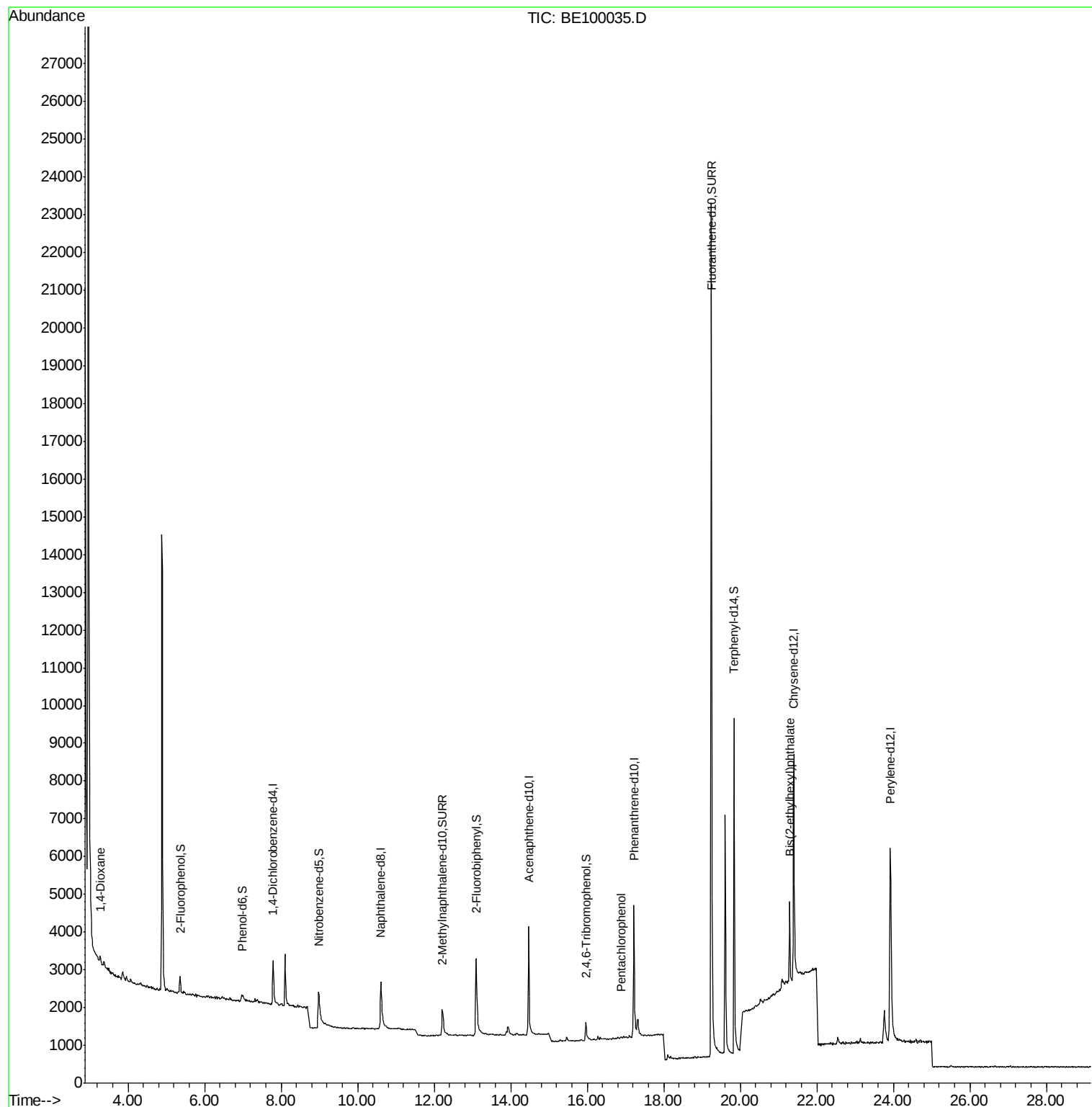
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	804	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2784	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2252	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6563	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9172	0.40	ng	0.00
34) Perylene-d12	23.92	264	10188	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	372	0.17	ng	0.00
5) Phenol-d6	6.98	99	276	0.10	ng	0.00
8) Nitrobenzene-d5	8.98	82	1116	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1779	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	538	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	3769	0.44	ng	0.00
25) Fluoranthene-d10	19.24	212	36777	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	9995	0.61	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.27	88	183	0.154	ng	Qvalue # 69
22) Pentachlorophenol	16.88	266	43	0.323	ng	93
32) Bis(2-ethylhexyl)phthalate	21.29	149	2834	0.072	ng	98

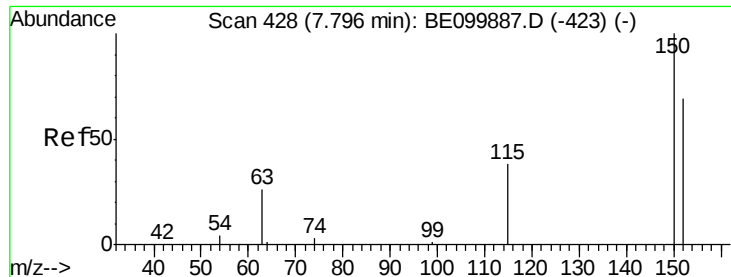
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 10 14:57:20 2019
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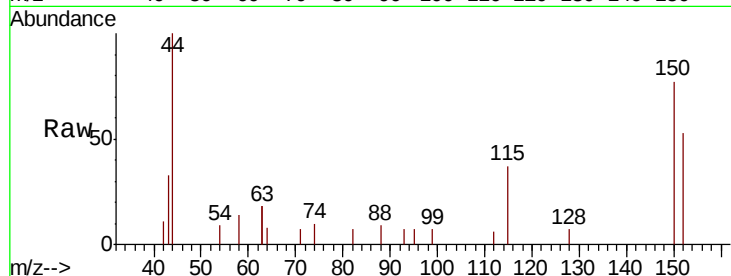


#1

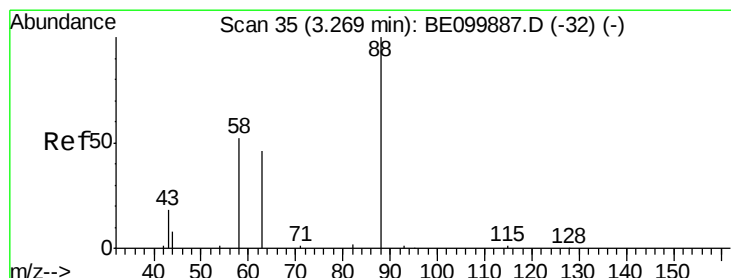
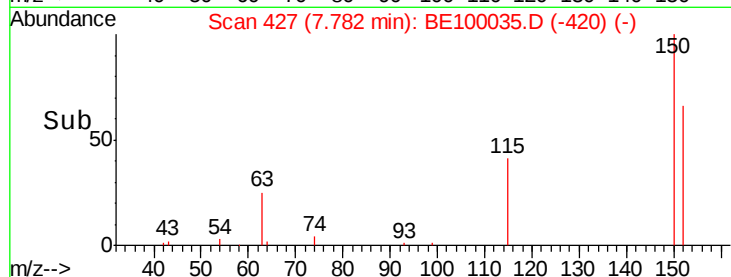
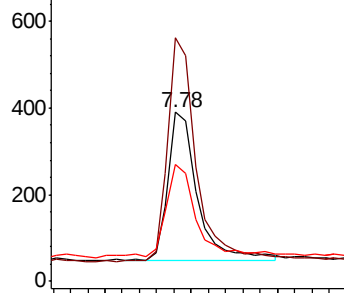
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100035.D
Acq: 14 Jun 2019 22:23

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190610

Tot Ion:152 Resp: 804
Ion Ratio Lower Upper
152 100
150 144.1 111.0 166.6
115 69.2 50.7 76.1



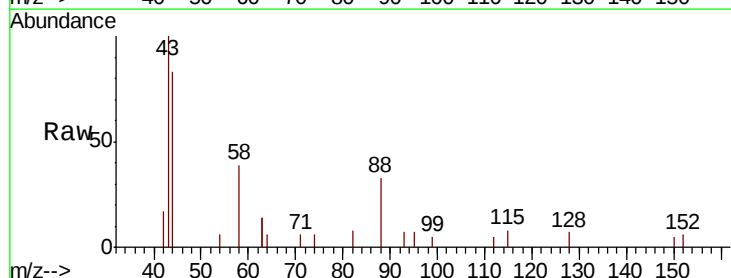
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



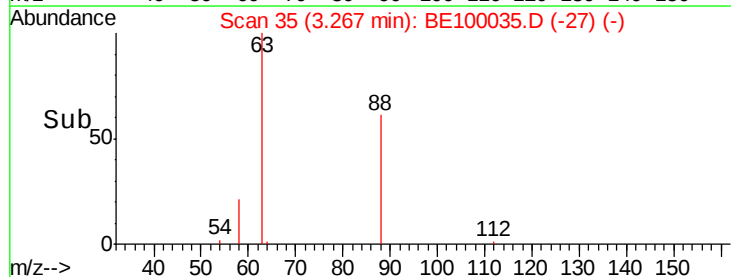
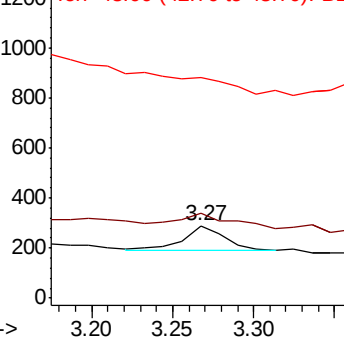
#2

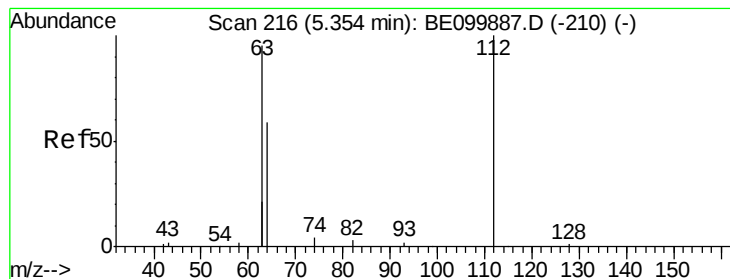
1,4-Dioxane
Concen: 0.154 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100035.D
Acq: 14 Jun 2019 22:23

Tgt Ion: 88 Resp: 183
Ion Ratio Lower Upper
88 100
58 79.2 48.8 73.2#
43 0.0 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





#4

2-Fluorophenol

Concen: 0.171 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190610

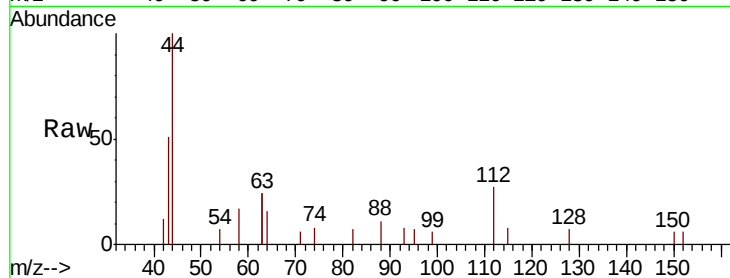
Tot Ion: 112 Resp: 372

Ion Ratio Lower Upper

112 100

64 53.8 44.1 66.1

63 129.0 87.8 131.6



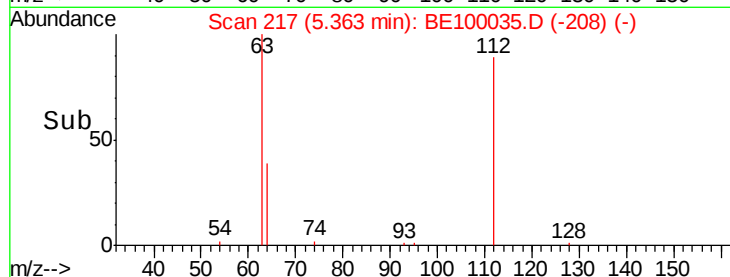
Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

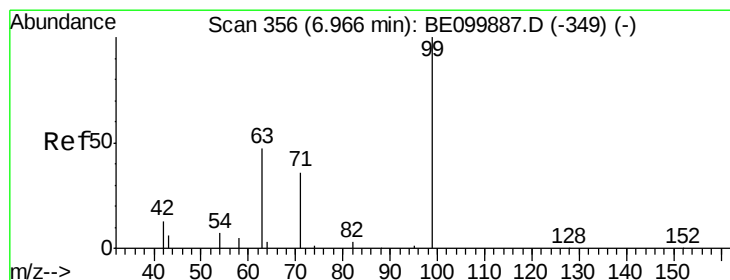
Ion 63.00 (62.70 to 63.70): BE1

5.36

Time-->



Time-->



#5

Phenol-d6

Concen: 0.099 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

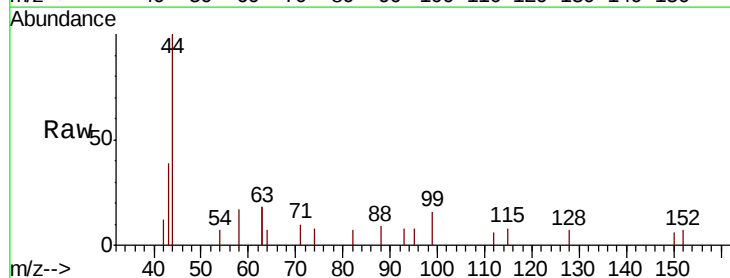
Tgt Ion: 99 Resp: 276

Ion Ratio Lower Upper

99 100

42 13.4 15.9 23.9#

71 0.0 34.6 52.0#



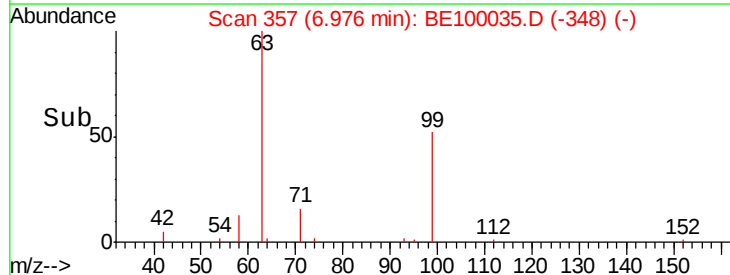
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

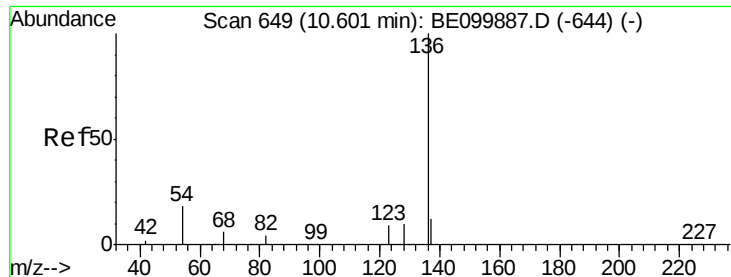
Ion 71.00 (70.70 to 71.70): BE1

6.98

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190610

Tot Ion:136 Resp: 2784

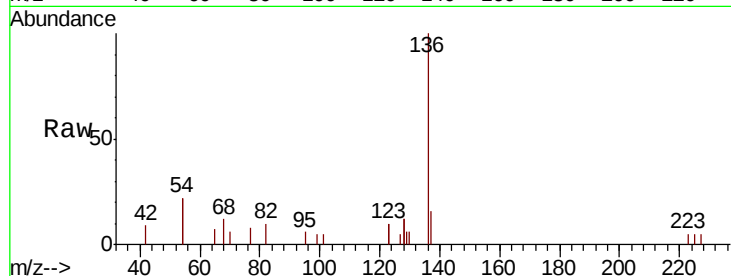
Ion Ratio Lower Upper

136 100

137 15.7 12.3 18.5

54 44.5 28.2 42.4#

68 11.6 7.8 11.8

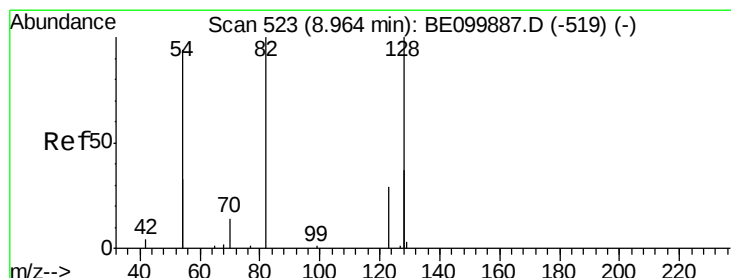
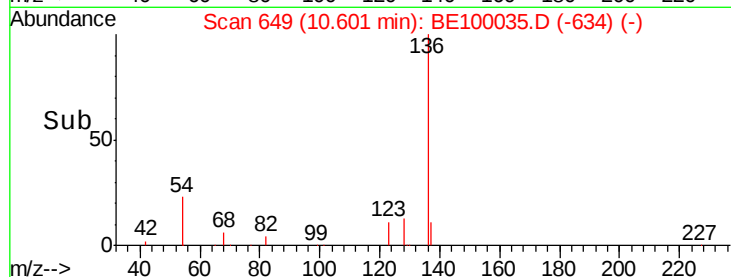
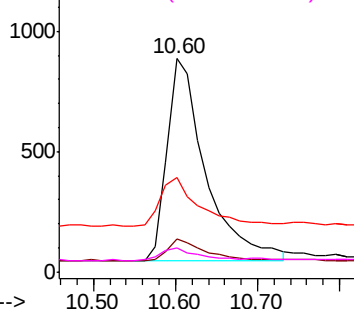


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.423 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

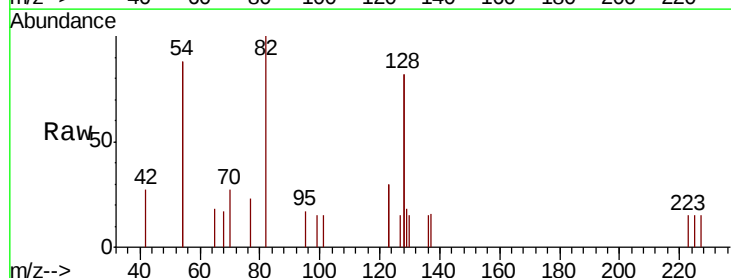
Tgt Ion: 82 Resp: 1116

Ion Ratio Lower Upper

82 100

128 164.5 137.3 205.9

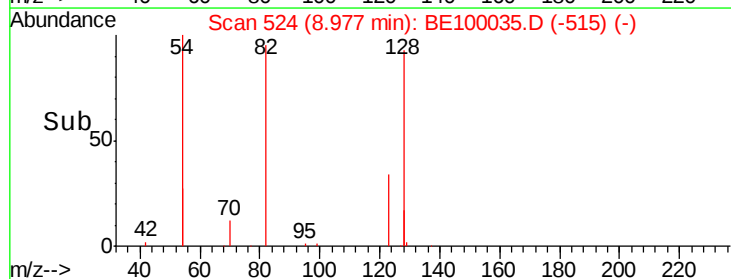
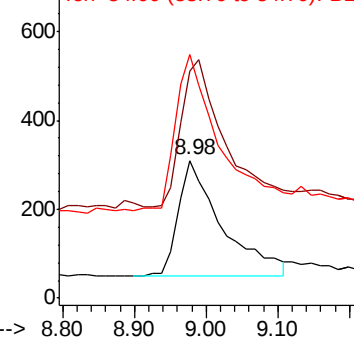
54 176.8 129.7 194.5

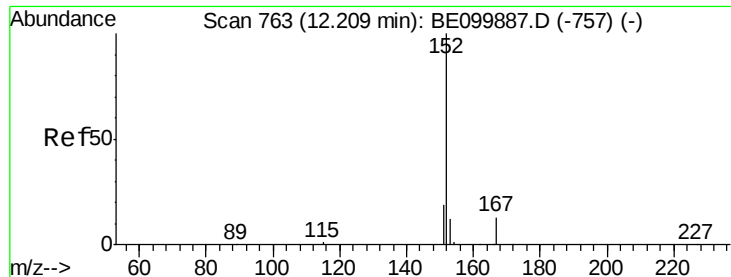


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

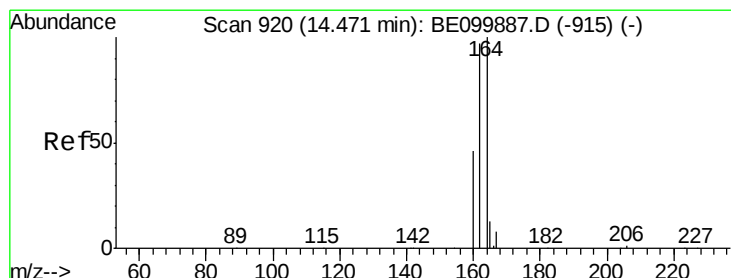
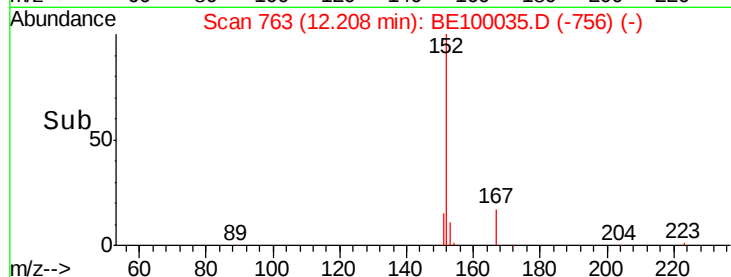
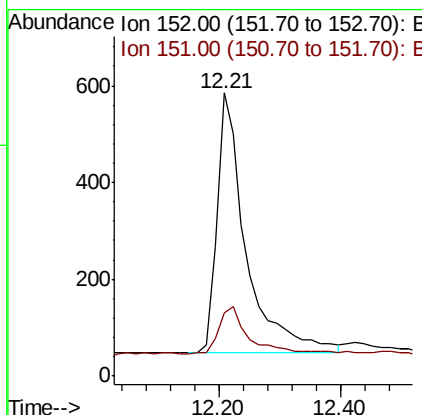
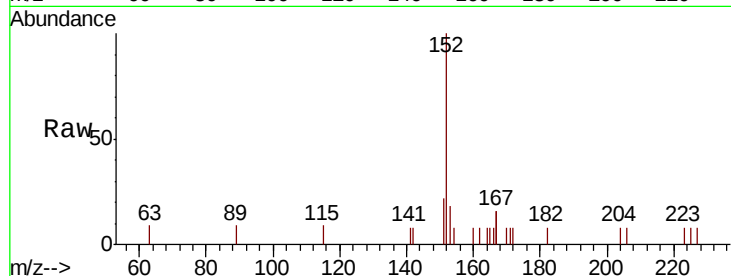




#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100035.D
Acq: 14 Jun 2019 22:23

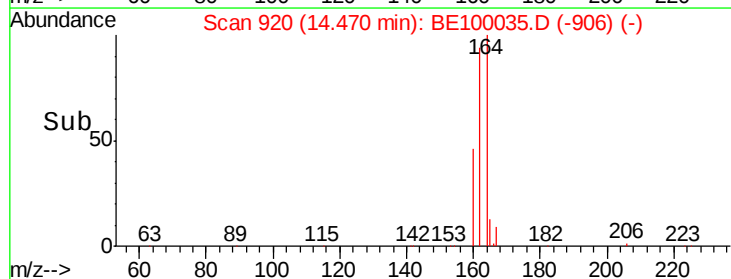
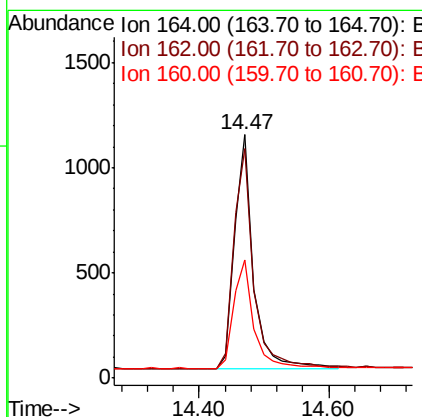
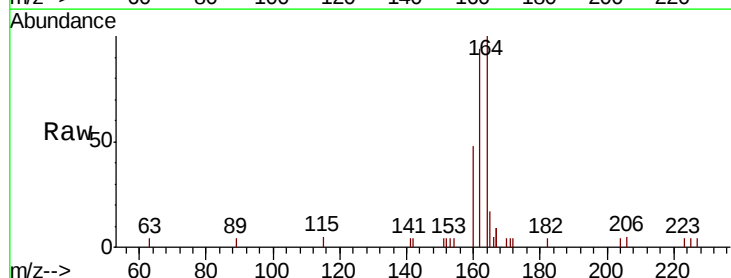
Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190610

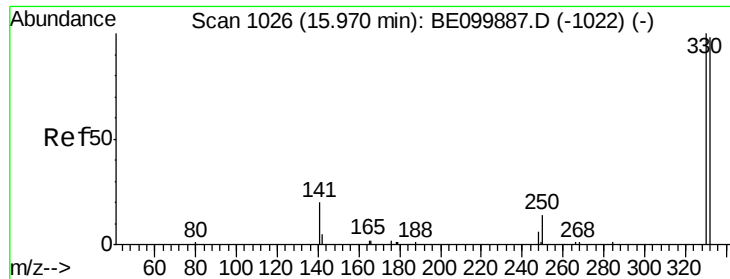
Tot Ion:152 Resp: 1779
Ion Ratio Lower Upper
152 100
151 17.8 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100035.D
Acq: 14 Jun 2019 22:23

Tgt Ion:164 Resp: 2252
Ion Ratio Lower Upper
164 100
162 94.5 77.8 116.8
160 48.4 38.2 57.4





#14

2,4,6-Tribromophenol

Concen: 0.323 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190610

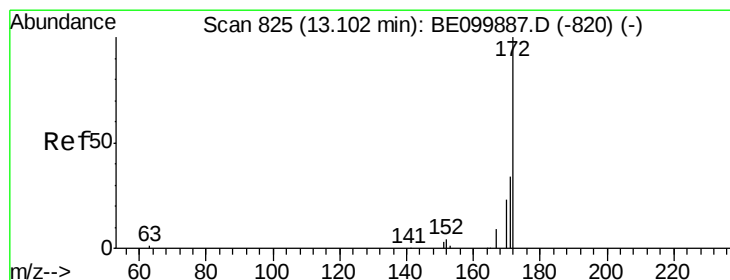
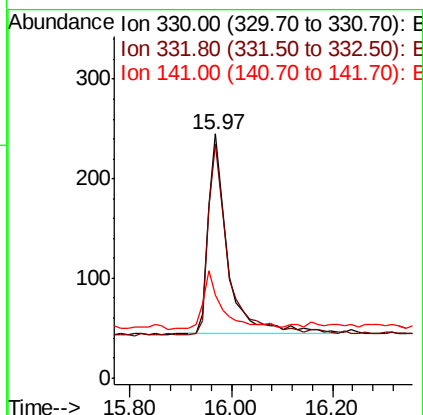
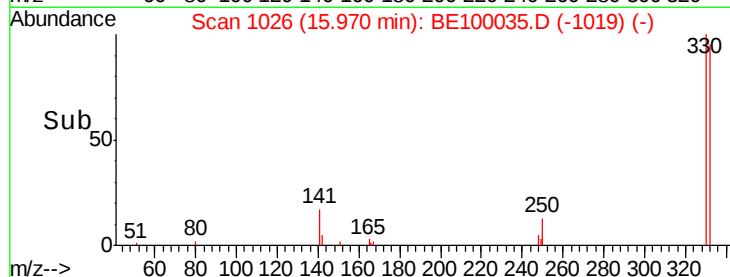
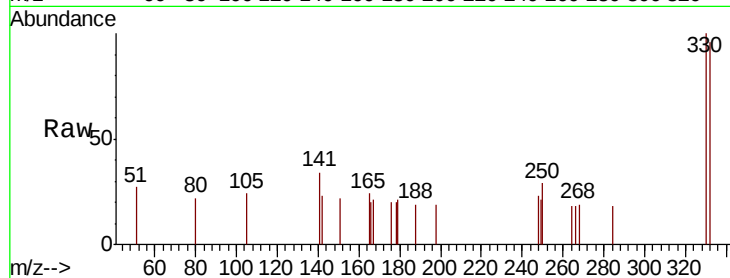
Tot Ion:330 Resp: 538

Ion Ratio Lower Upper

330 100

332 97.6 76.7 115.1

141 24.9 21.0 31.6



#15

2-Fluorobiphenyl

Concen: 0.441 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

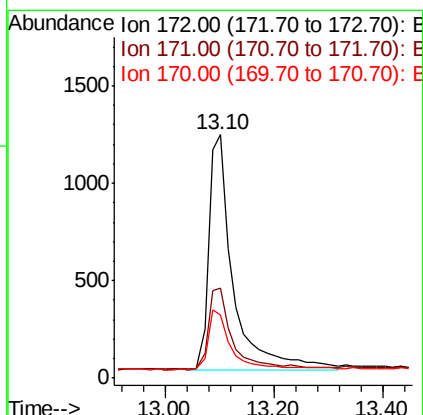
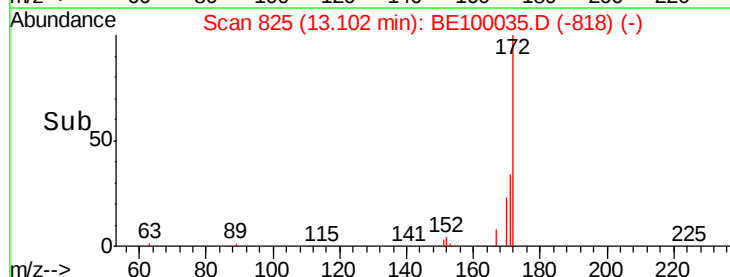
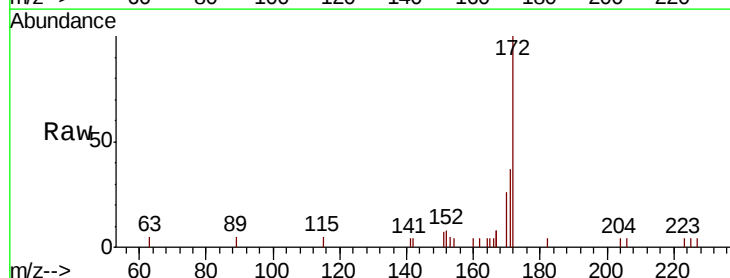
Tgt Ion:172 Resp: 3769

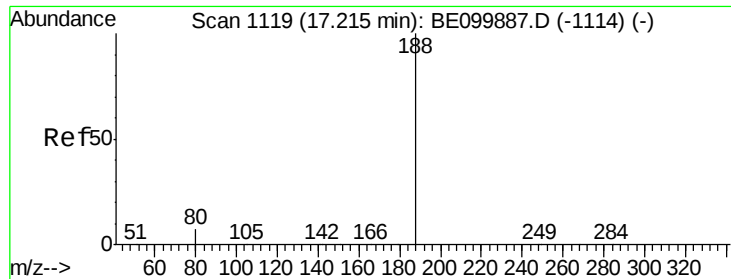
Ion Ratio Lower Upper

172 100

171 36.7 29.2 43.8

170 25.9 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: BE100035.D

Acq: 14 Jun 2019 22:23

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190610

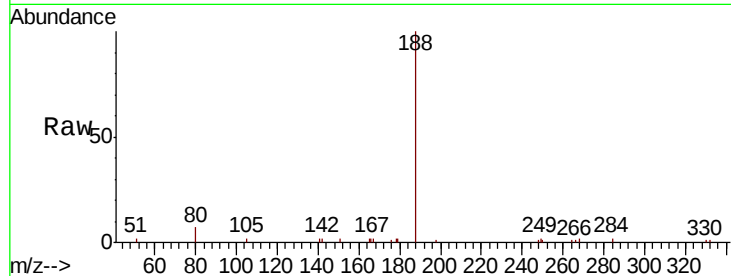
Tot Ion:188 Resp: 6563

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

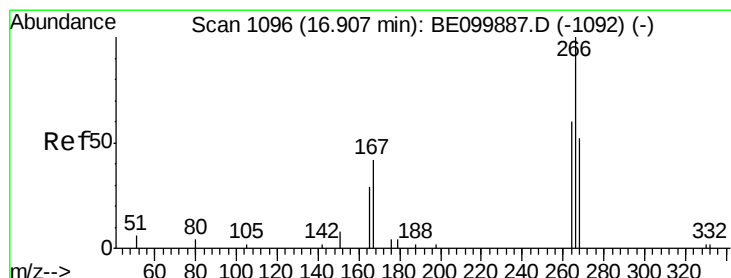
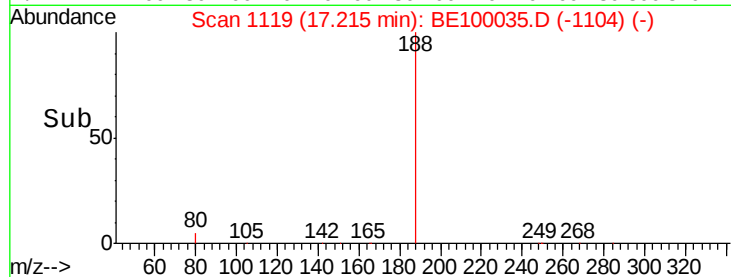
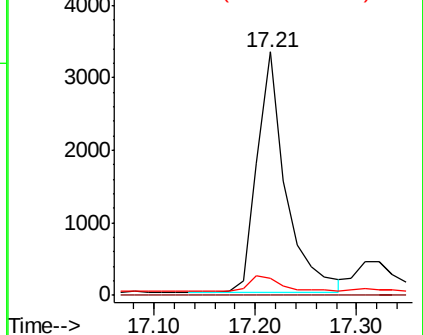
80 6.8 6.4 9.6



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: 0.323 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

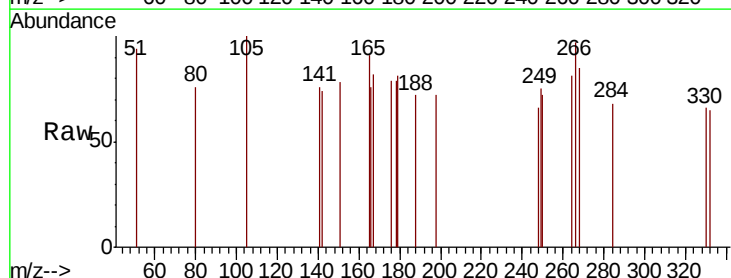
Tgt Ion:266 Resp: 43

Ion Ratio Lower Upper

266 100

264 83.3 62.2 93.2

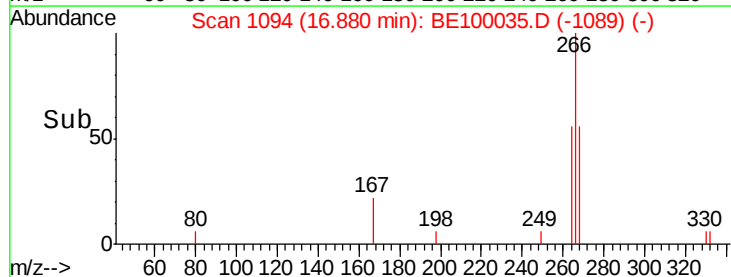
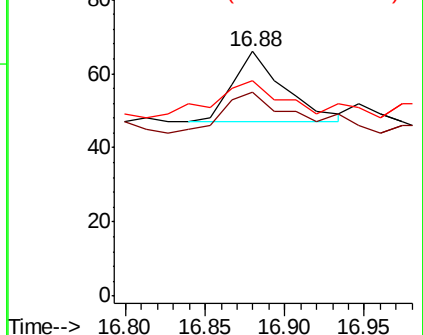
268 87.9 65.5 98.3

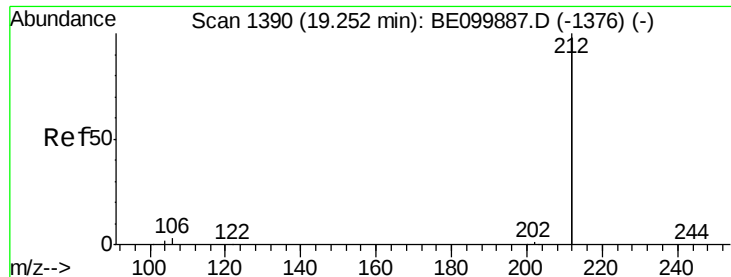


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

Instrument :

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BP-MH-SW4001-SOUTH-20190610

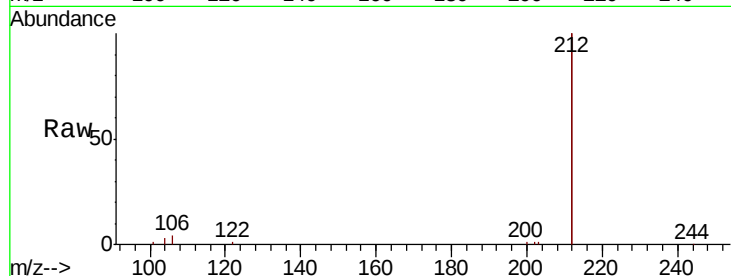
Tot Ion:212 Resp: 36777

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

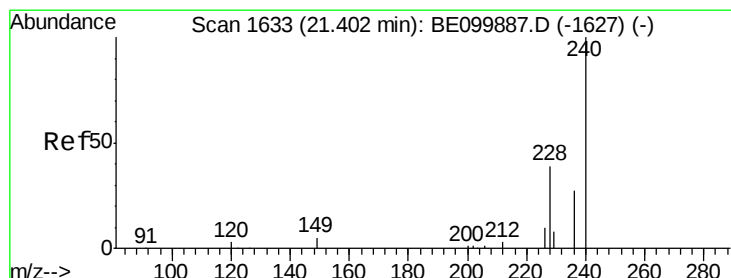
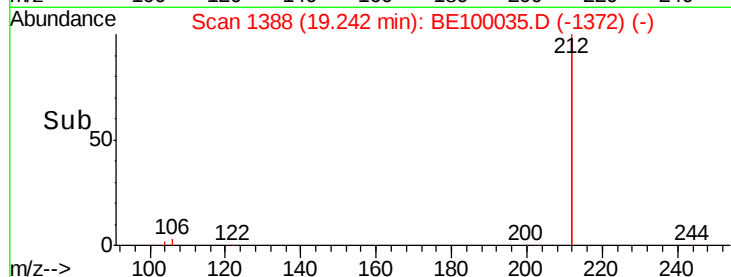
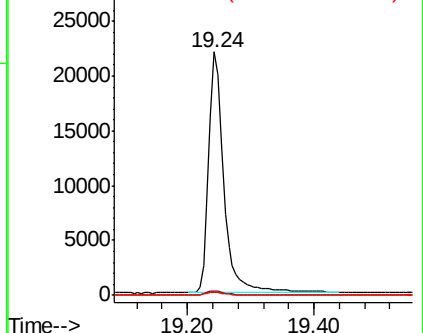
104 1.1 0.9 1.3



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# 1632

Delta R.T. -0.00 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

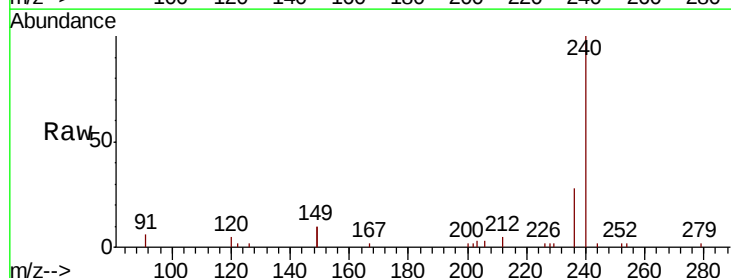
Tgt Ion:240 Resp: 9172

Ion Ratio Lower Upper

240 100

120 5.4 3.8 5.6

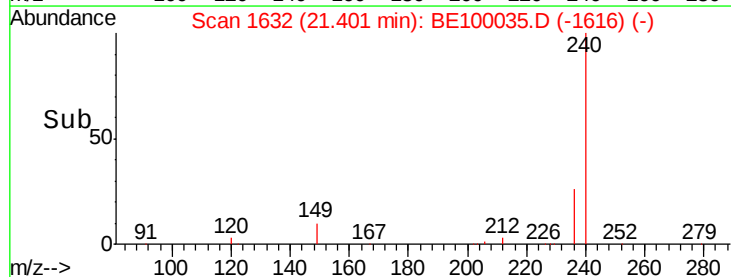
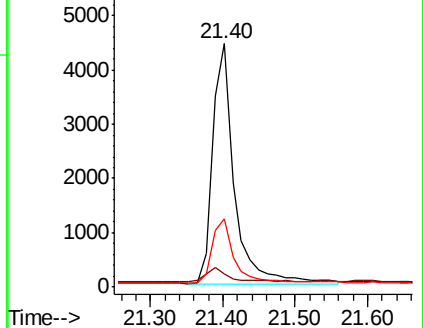
236 27.9 22.0 33.0

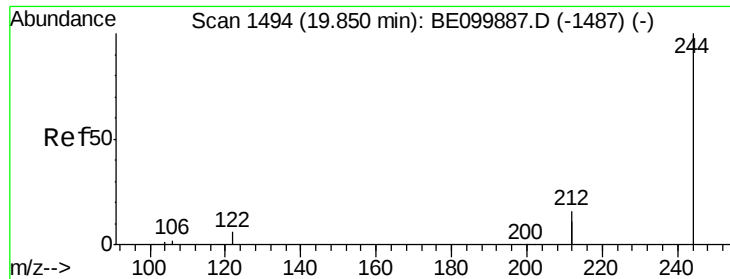


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.605 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190610

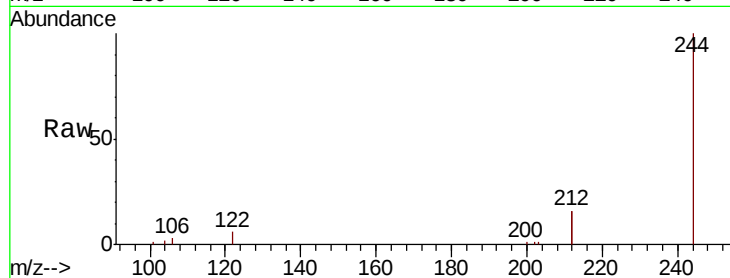
Tot Ion:244 Resp: 9995

Ion Ratio Lower Upper

244 100

212 31.7 25.7 38.5

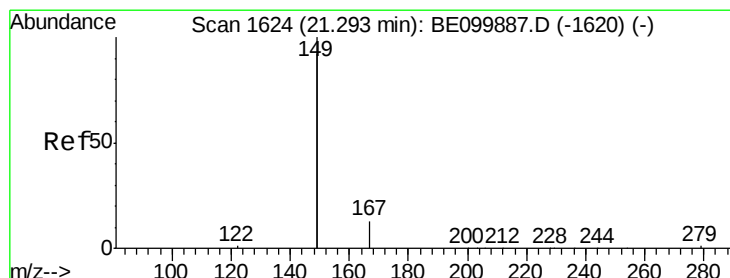
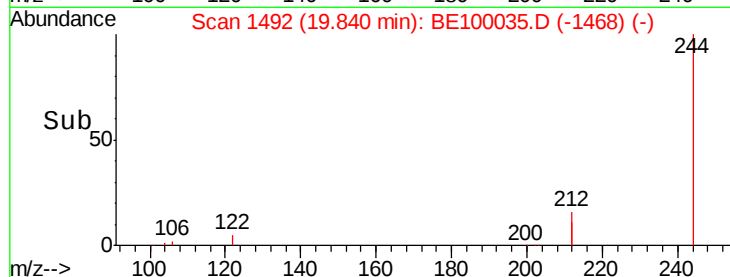
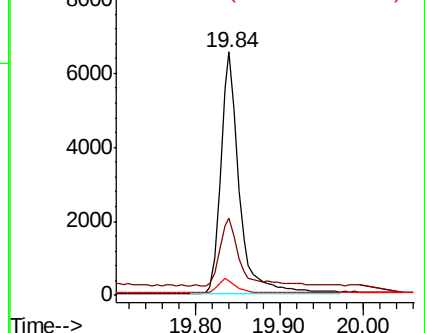
122 5.9 5.5 8.3



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: 0.072 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

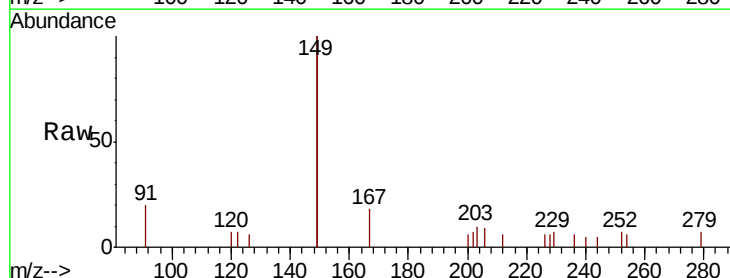
Tgt Ion:149 Resp: 2834

Ion Ratio Lower Upper

149 100

167 8.3 5.9 8.9

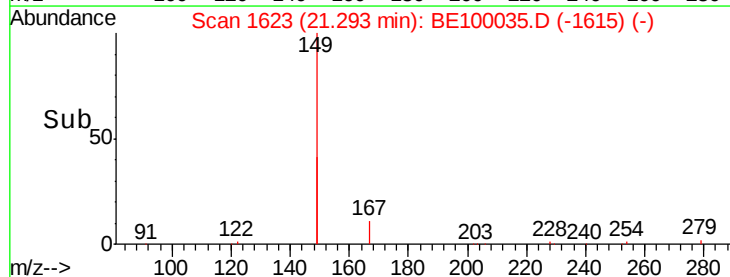
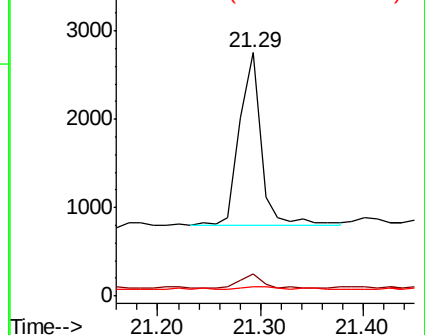
279 1.6 1.2 1.8

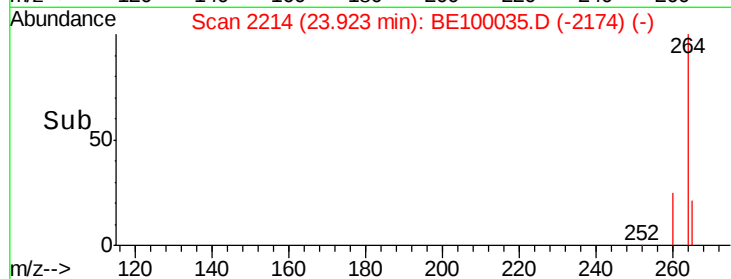
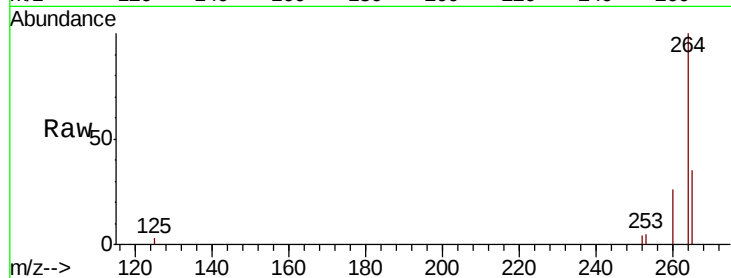
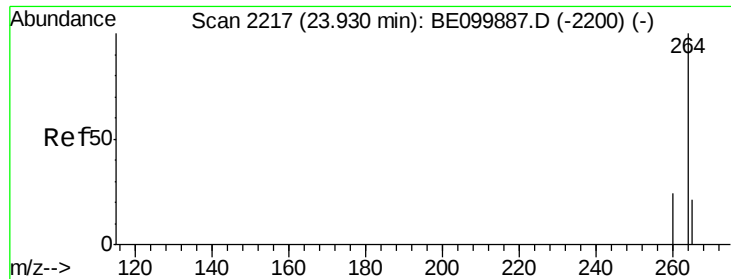


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.92 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BE100035.D

Acq: 14 Jun 2019 22:23

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190610

Tot Ion: 264 Resp: 10188

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.2

265 35.2 22.0 33.0#

