

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100038.D
 Acq On : 15 Jun 2019 00:10
 Operator : JU/SJ
 Sample : K3315-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190610

Quant Time: Jun 15 02:11:31 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	849	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2979	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2291	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6858	0.40	ng	0.00
27) Chrysene-d12	21.39	240	8664	0.40	ng	-0.01
34) Perylene-d12	23.92	264	9992	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	395	0.17	ng	0.00
5) Phenol-d6	6.98	99	323	0.11	ng	0.00
8) Nitrobenzene-d5	8.96	82	1259	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	2048	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	634	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	4534	0.52	ng	-0.01
25) Fluoranthene-d10	19.24	212	36116	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	11683	0.75	ng	0.00

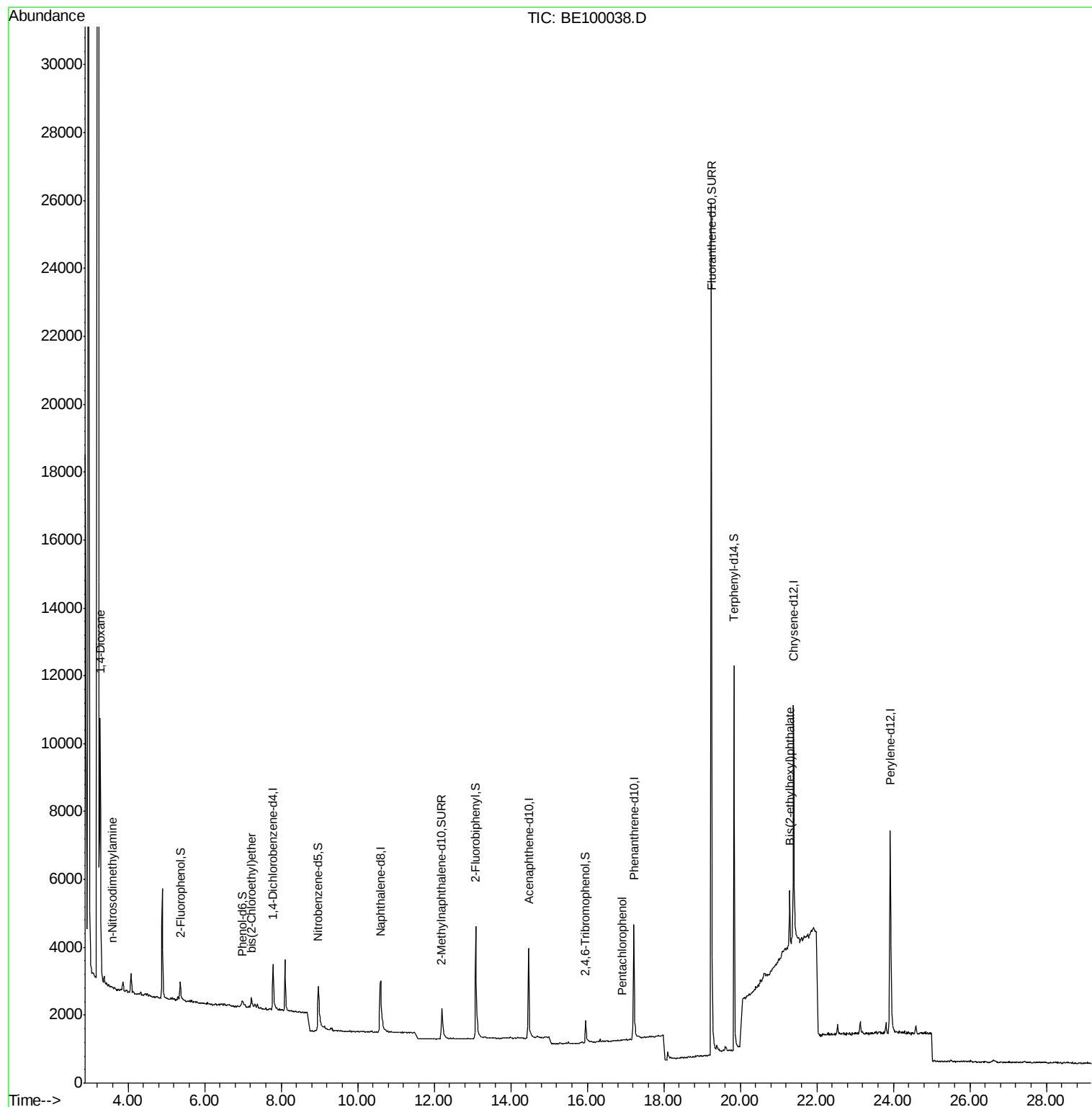
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	6661	5.301	ng	95
3) n-Nitrosodimethylamine	3.58	42	29	0.040	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	230	0.095	ng	# 76
22) Pentachlorophenol	16.92	266	3	0.301	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.29	149	2468	0.066	ng	# 95

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

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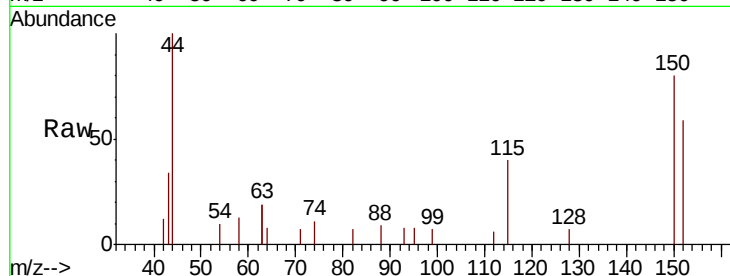


#1

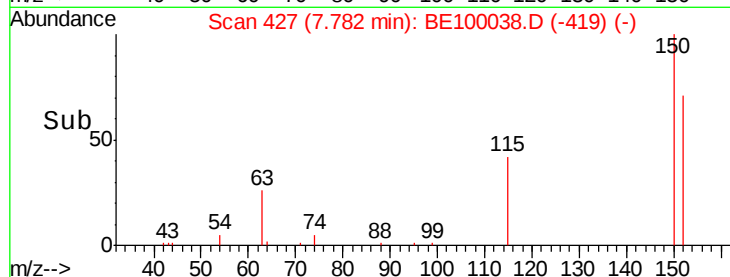
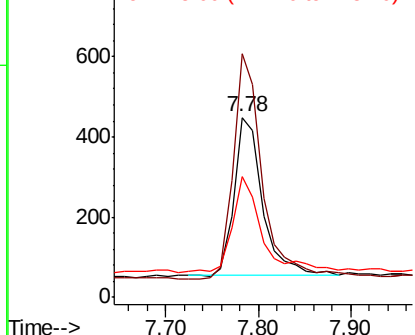
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100038.D
Acq: 15 Jun 2019 00:10

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610

Tgt Ion:152 Resp: 849
Ion Ratio Lower Upper
152 100
150 135.2 111.0 166.6
115 67.0 50.7 76.1



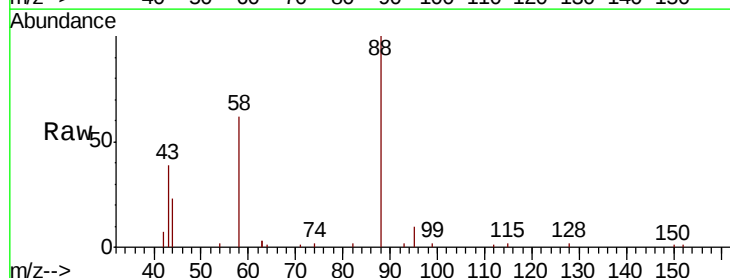
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



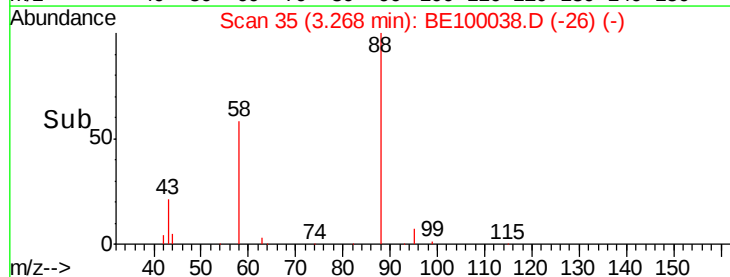
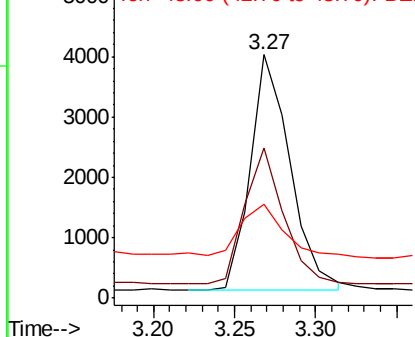
#2

1,4-Dioxane
Concen: 5.301 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100038.D
Acq: 15 Jun 2019 00:10

Tgt Ion: 88 Resp: 6661
Ion Ratio Lower Upper
88 100
58 56.4 48.8 73.2
43 21.9 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: 0.040 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.02 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610

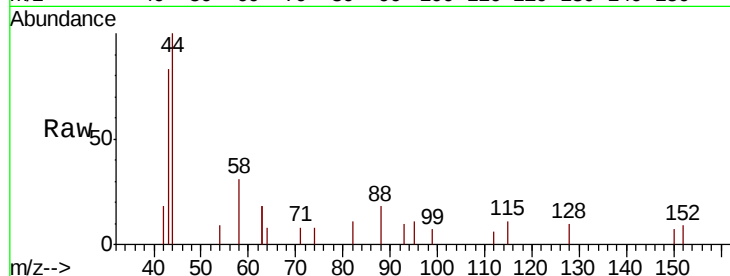
Tgt Ion: 42 Resp: 29

Ion Ratio Lower Upper

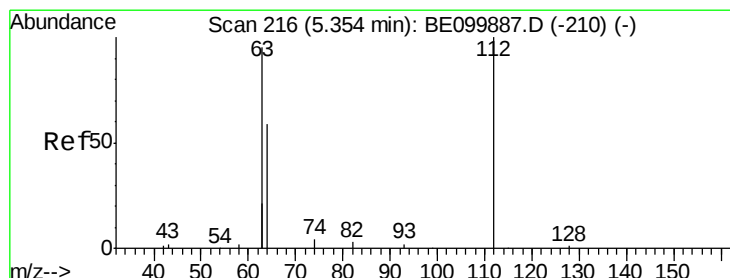
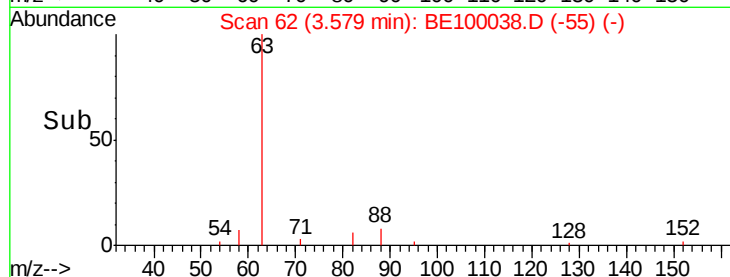
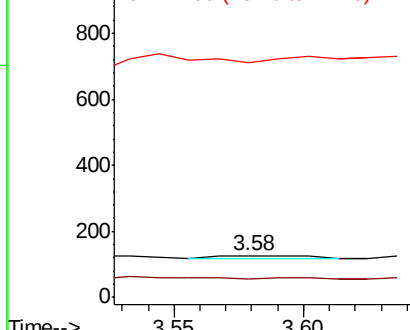
42 100

74 17.2 0.0 0.0#

44 0.0 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: 0.172 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

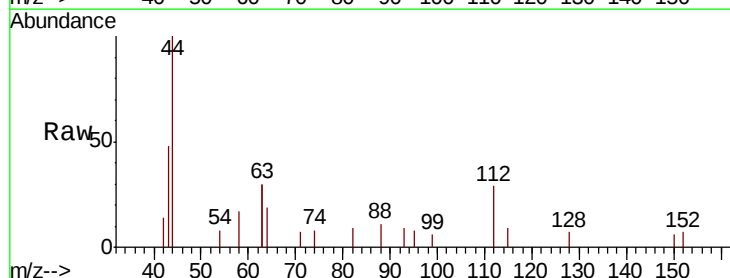
Tgt Ion: 112 Resp: 395

Ion Ratio Lower Upper

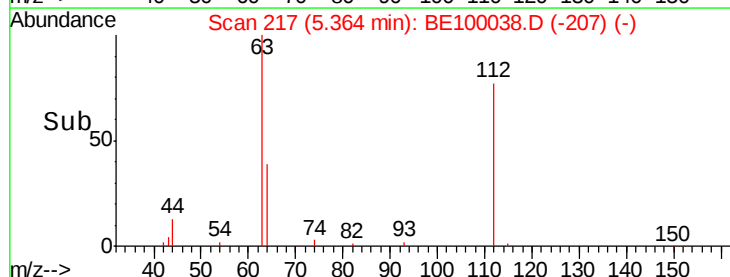
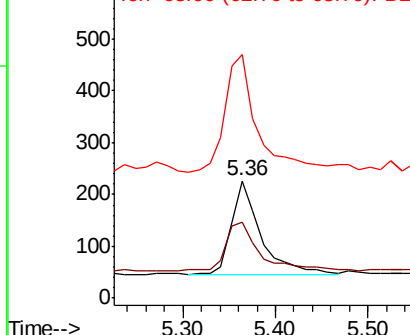
112 100

64 57.0 44.1 66.1

63 150.9 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: 0.109 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610

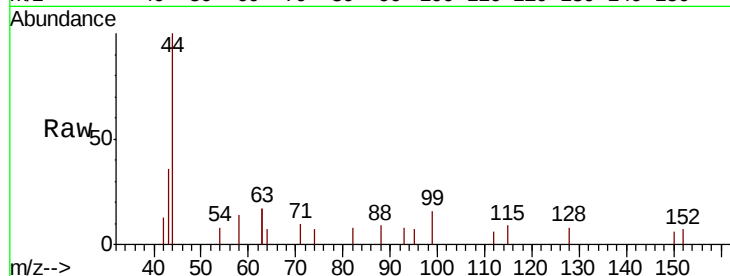
Tgt Ion: 99 Resp: 323

Ion Ratio Lower Upper

99 100

42 16.1 15.9 23.9

71 41.5 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

6.98

150

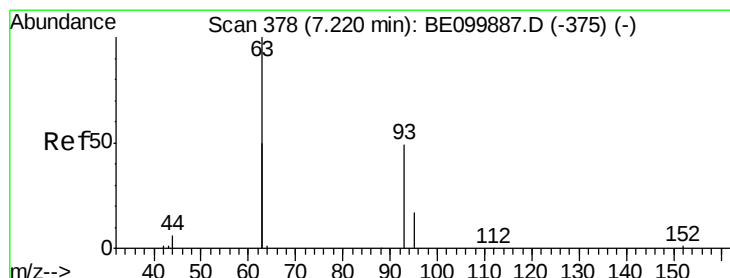
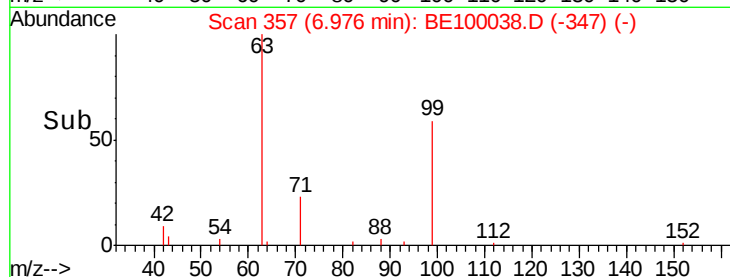
100

50

0

6.80 6.90 7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.095 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

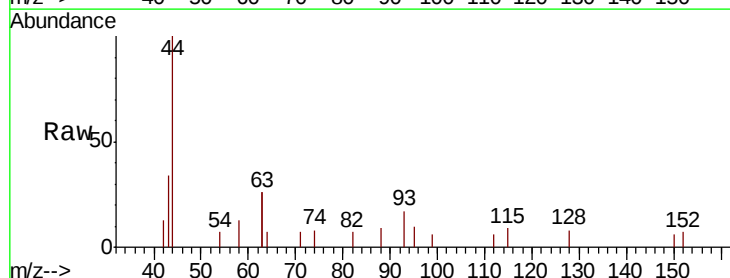
Tgt Ion: 93 Resp: 230

Ion Ratio Lower Upper

93 100

63 210.4 202.8 304.2

95 20.0 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1

500

400

300

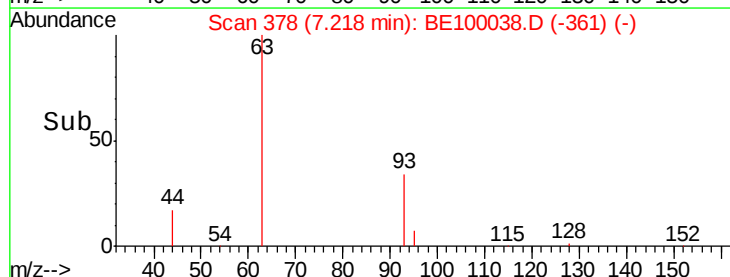
200

100

0

7.10 7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610

Tgt Ion: 136 Resp: 2979

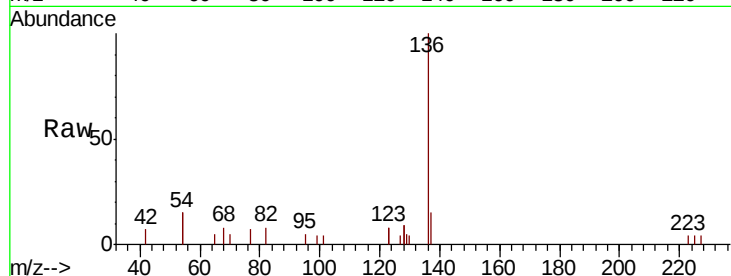
Ion Ratio Lower Upper

136 100

137 14.6 12.3 18.5

54 31.0 28.2 42.4

68 8.4 7.8 11.8

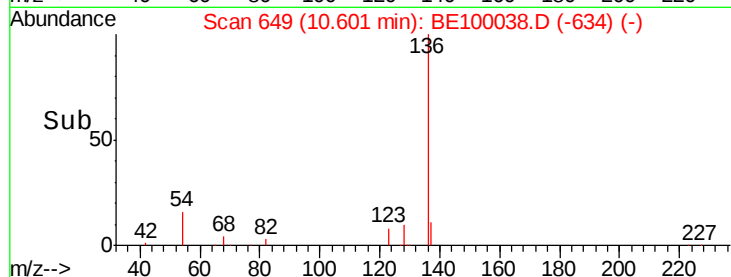
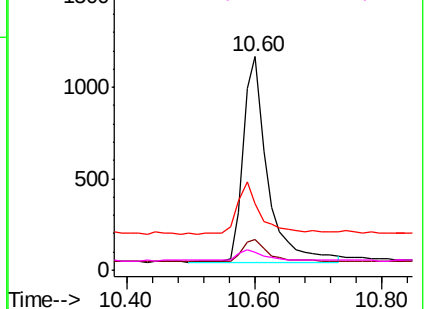


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.446 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

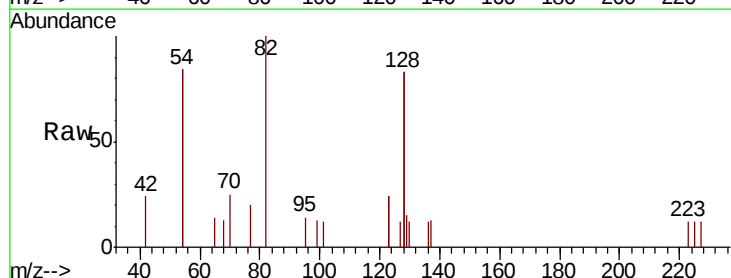
Tgt Ion: 82 Resp: 1259

Ion Ratio Lower Upper

82 100

128 166.5 137.3 205.9

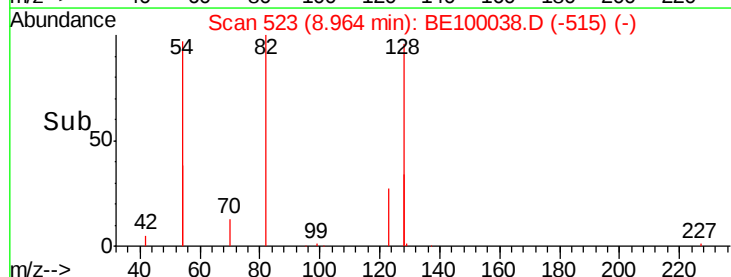
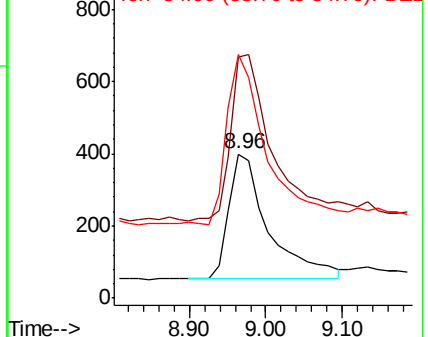
54 168.5 129.7 194.5

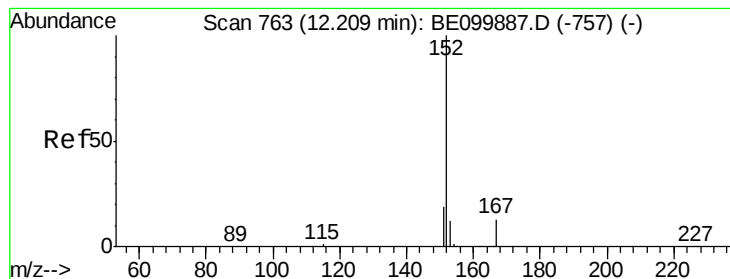


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.394 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

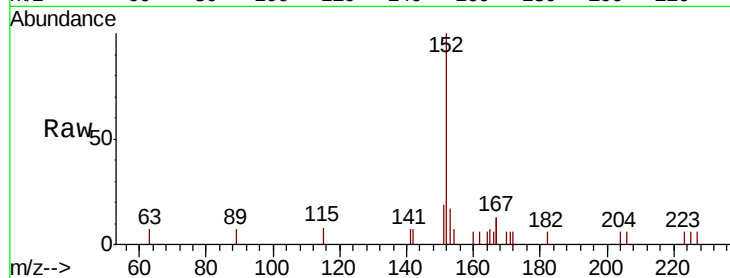
TT101D1-20190610

Tgt Ion:152 Resp: 2048

Ion Ratio Lower Upper

152 100

151 18.1 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19

800

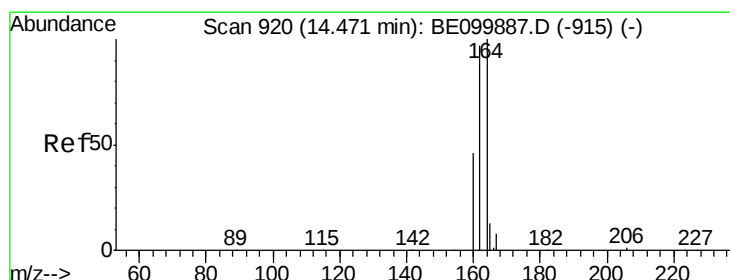
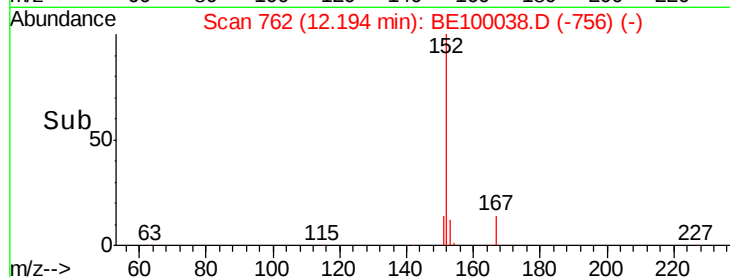
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

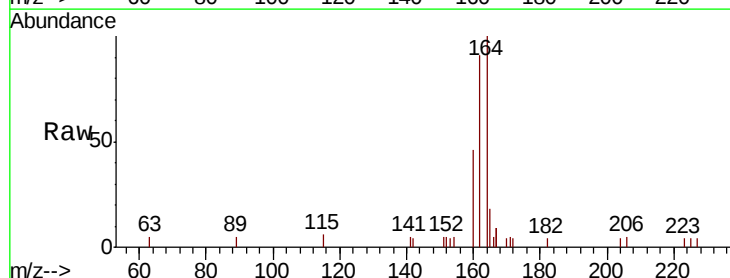
Tgt Ion:164 Resp: 2291

Ion Ratio Lower Upper

164 100

162 91.3 77.8 116.8

160 45.7 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

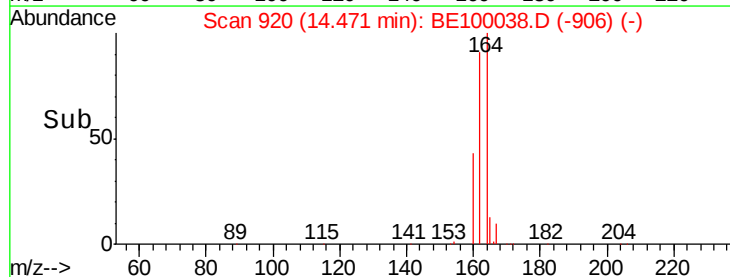
1500

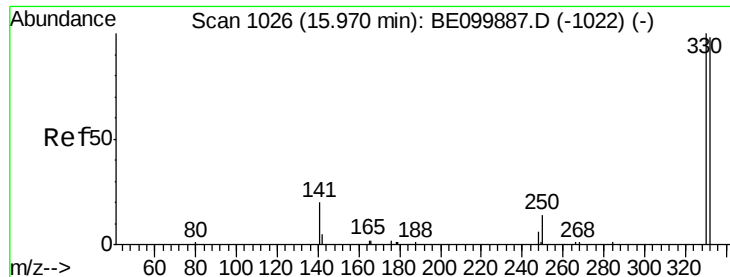
1000

500

0

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.374 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

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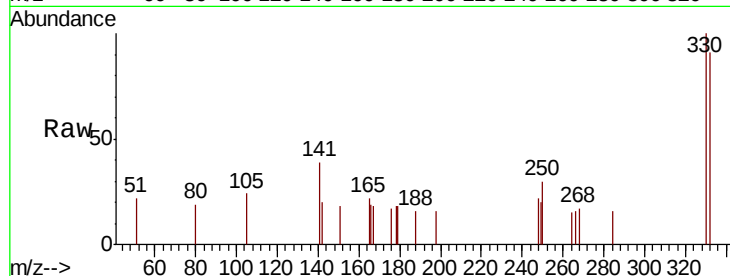
Tgt Ion:330 Resp: 634

Ion Ratio Lower Upper

330 100

332 98.7 76.7 115.1

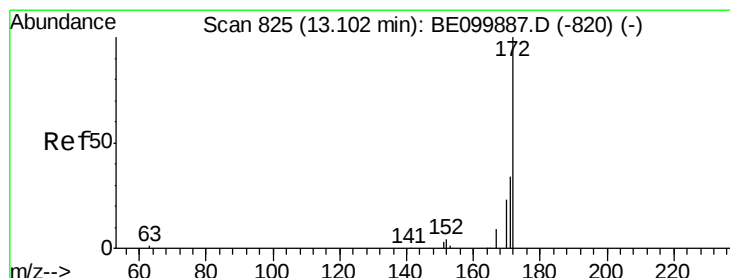
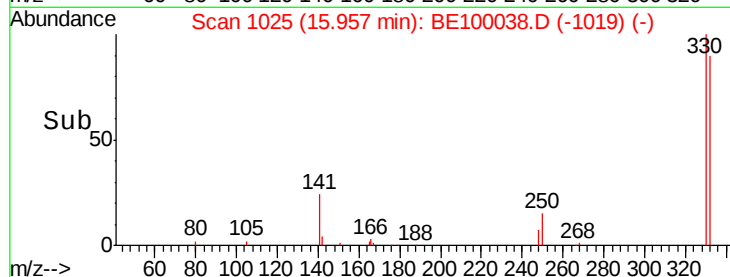
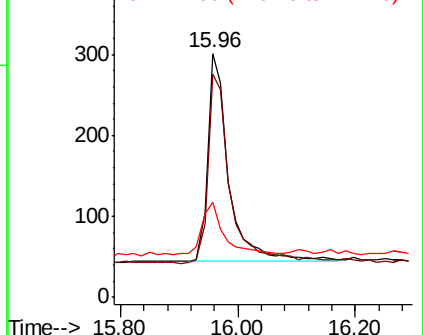
141 25.4 21.0 31.6



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: 0.522 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

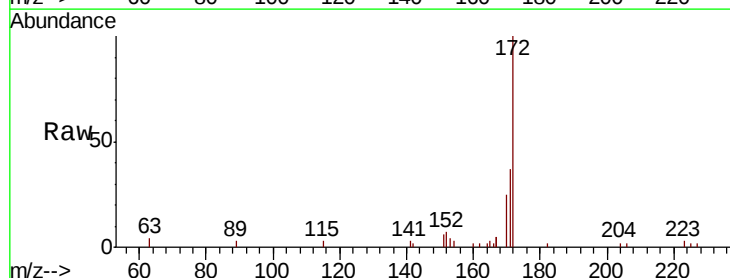
Tgt Ion:172 Resp: 4534

Ion Ratio Lower Upper

172 100

171 37.2 29.2 43.8

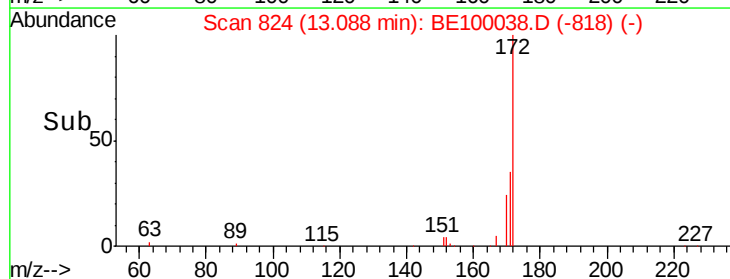
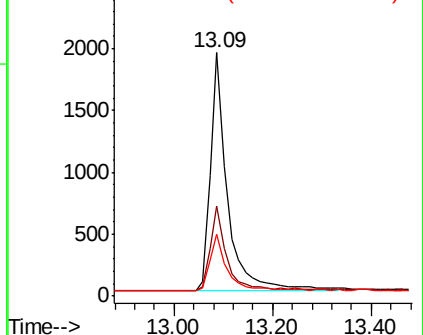
170 25.4 21.2 31.8

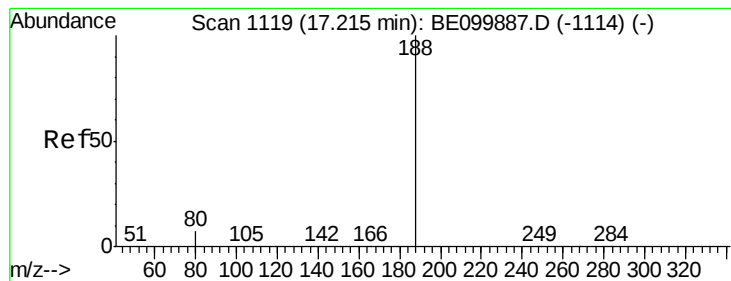


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100038.D

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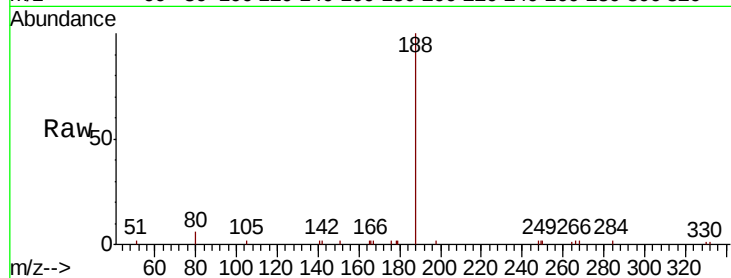
Tgt Ion:188 Resp: 6858

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

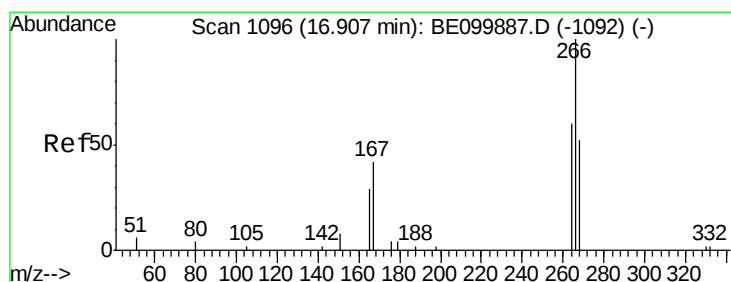
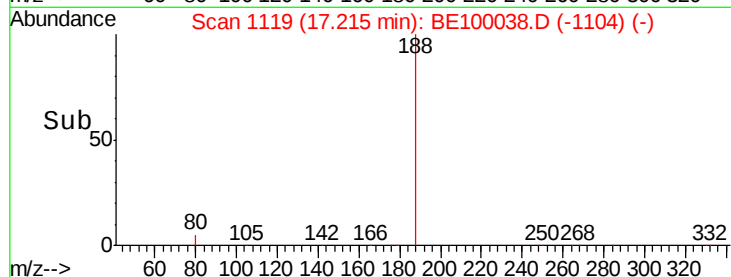
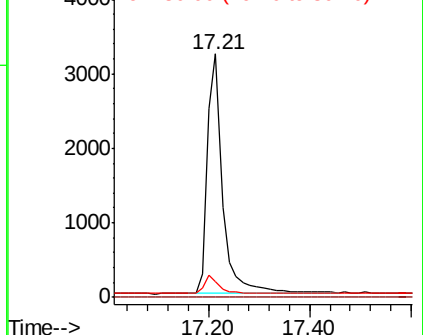
80 6.3 6.4 9.6#



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: 0.301 ng

RT: 16.92 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

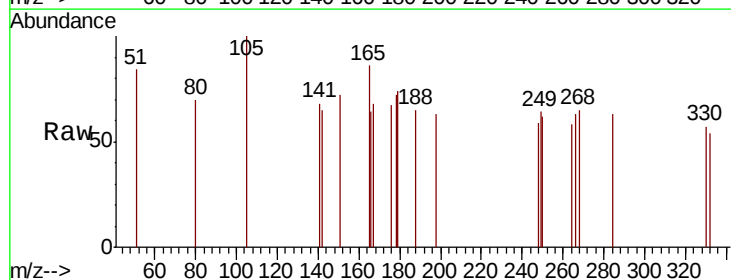
Tgt Ion:266 Resp: 3

Ion Ratio Lower Upper

266 100

264 92.2 62.2 93.2

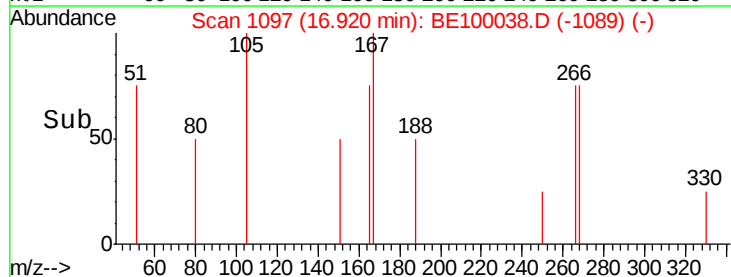
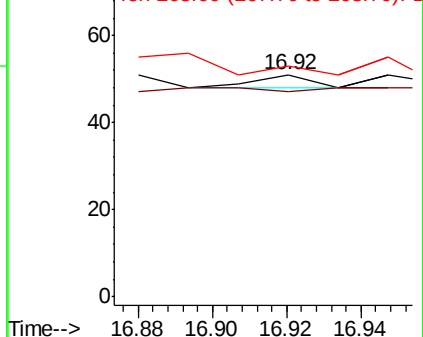
268 103.9 65.5 98.3#

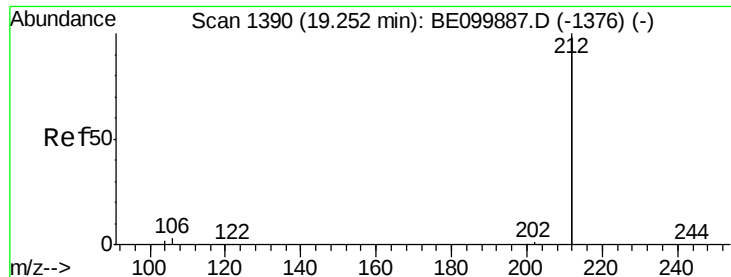


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.361 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

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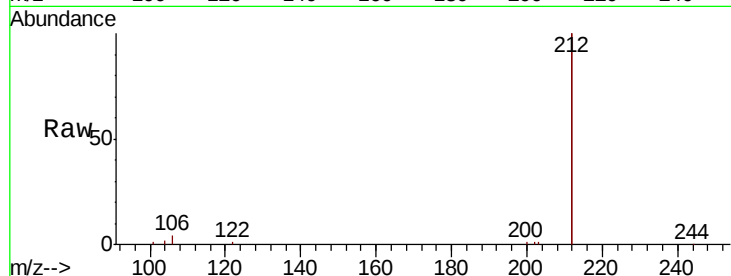
Tgt Ion:212 Resp: 36116

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

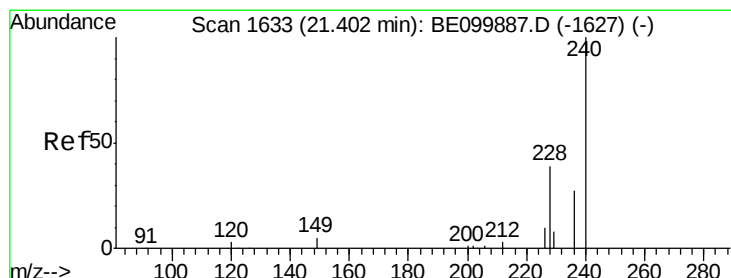
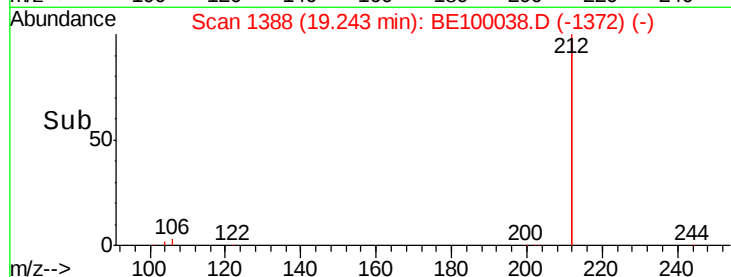
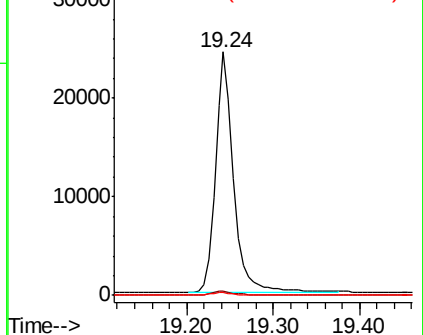
104 1.1 0.9 1.3



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: 21.39 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

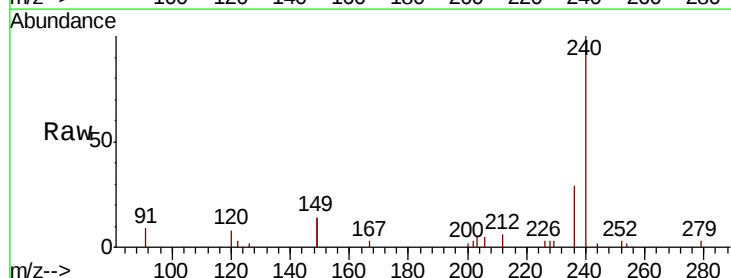
Tgt Ion:240 Resp: 8664

Ion Ratio Lower Upper

240 100

120 7.7 3.8 5.6#

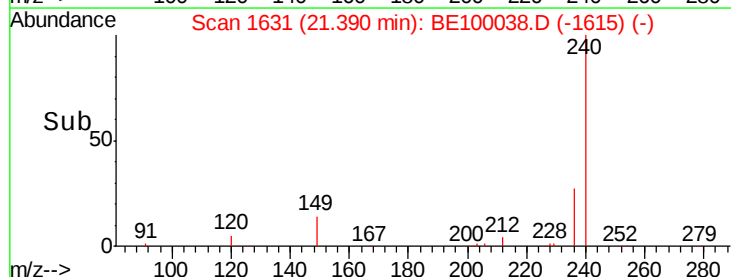
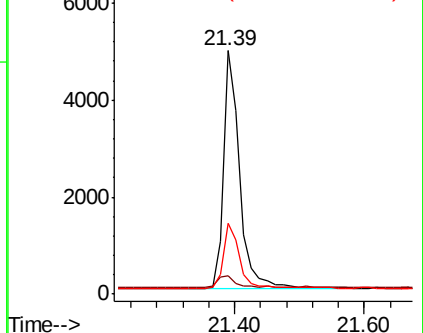
236 29.0 22.0 33.0

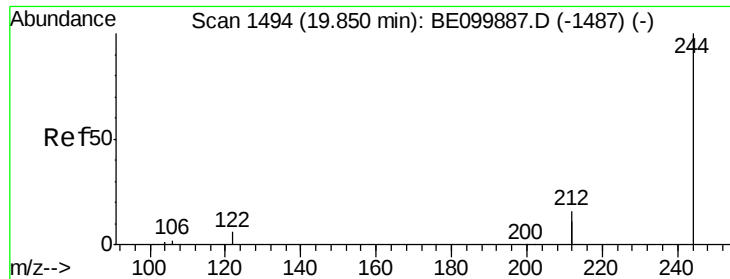


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.749 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610

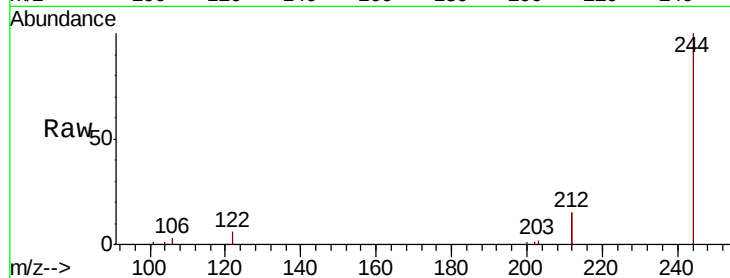
Tgt Ion:244 Resp: 11683

Ion Ratio Lower Upper

244 100

212 30.7 25.7 38.5

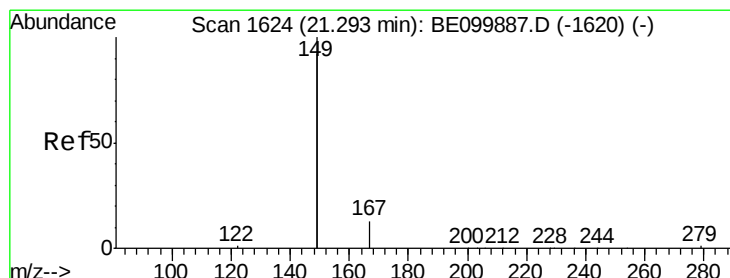
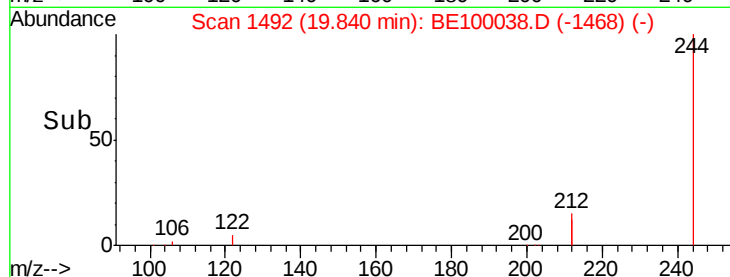
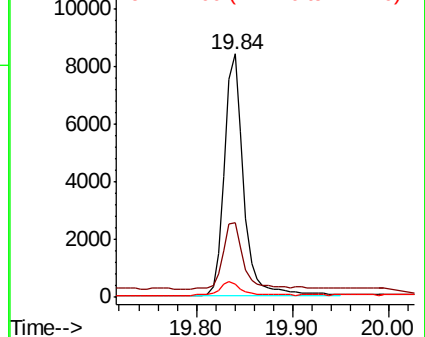
122 5.6 5.5 8.3



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: 0.066 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

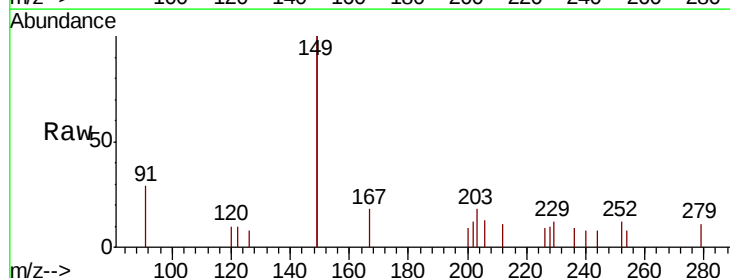
Tgt Ion:149 Resp: 2468

Ion Ratio Lower Upper

149 100

167 9.2 5.9 8.9#

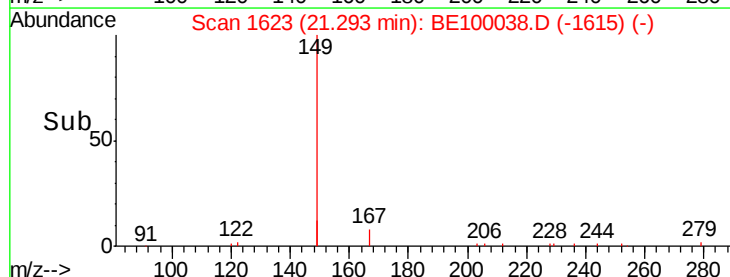
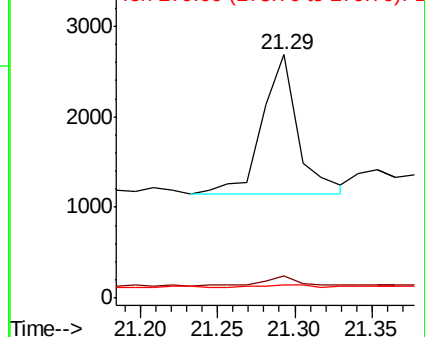
279 3.4 1.2 1.8#

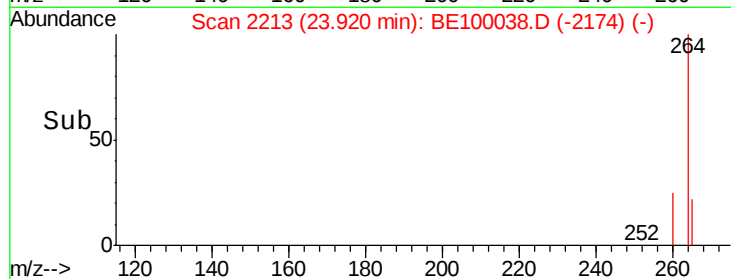
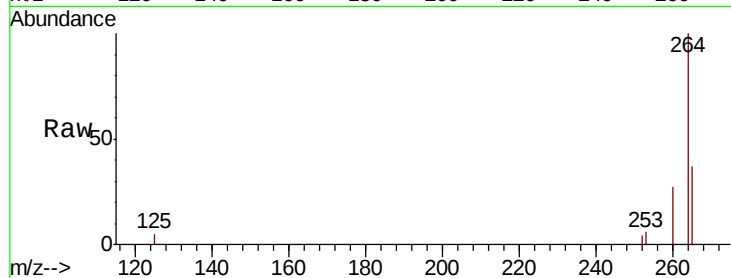
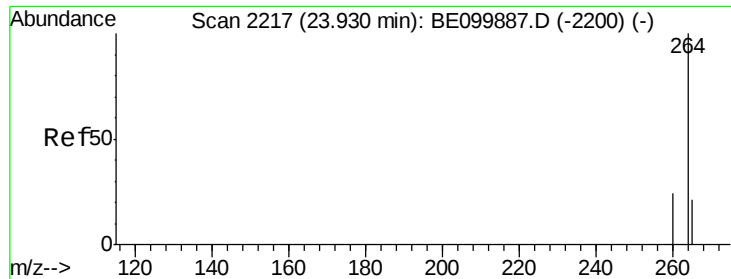


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.92 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BE100038.D

Acq: 15 Jun 2019 00:10

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610

Tgt Ion:264 Resp: 9992

Ion Ratio Lower Upper

264 100

260 26.7 20.2 30.2

265 36.8 22.0 33.0

