

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100819.D
 Acq On : 10 Dec 2019 20:12
 Operator : JU
 Sample : K6184-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D1-20191203

Quant Time: Dec 11 05:41:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

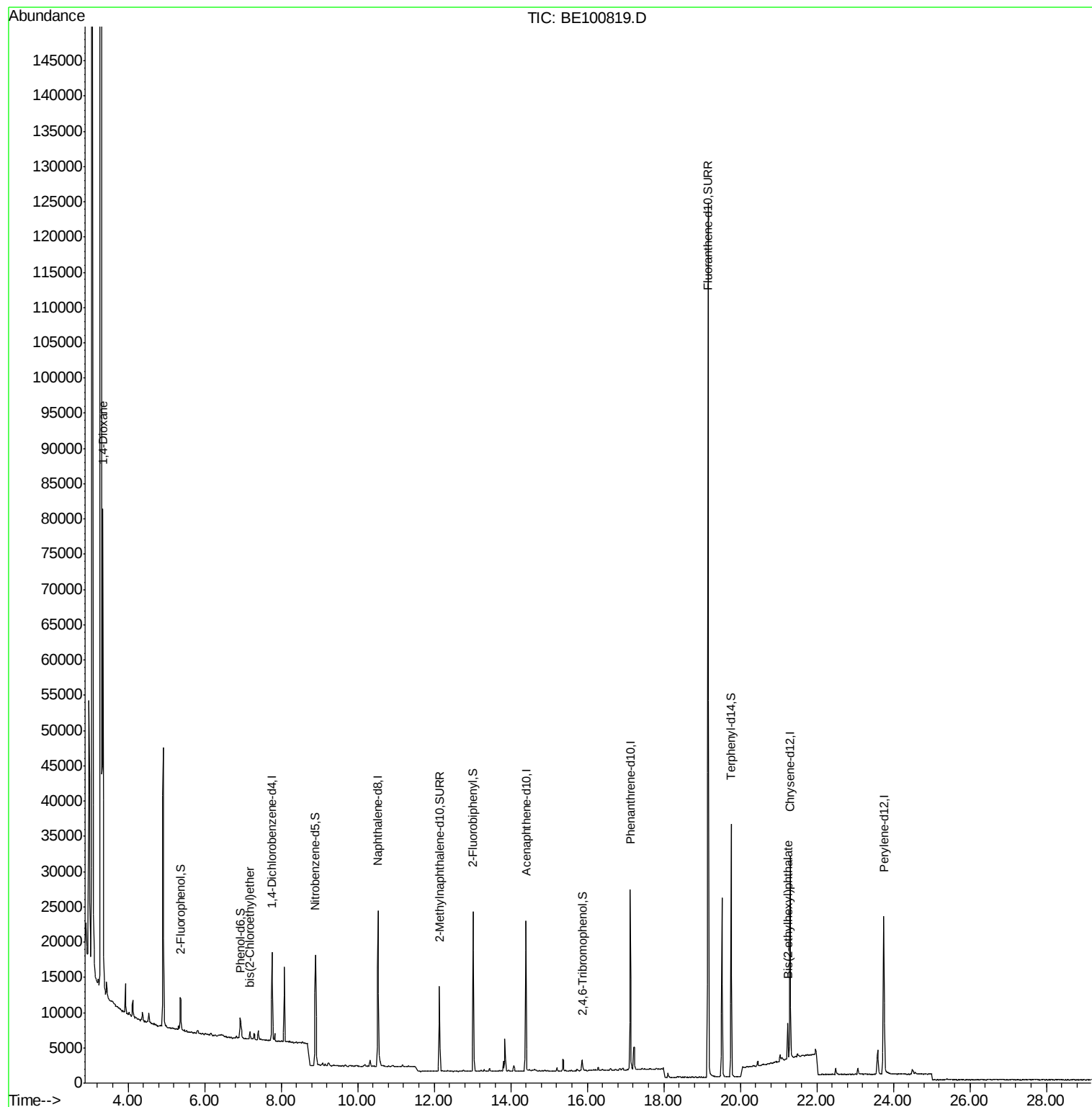
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5378	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	24711	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13859	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33462	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	27640	0.40	ng	0.00
34) Perylene-d12	23.75	264	33280	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2577	0.20	ng	0.00
5) Phenol-d6	6.93	99	2469	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6478	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15234	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	991	0.64	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	22286	0.41	ng	-0.01
25) Fluoranthene-d10	19.16	212	152400	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	29015	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	37266	3.801	ng	# 88
6) bis(2-Chloroethyl)ether	7.18	93	499	0.027	ng	# 57
32) Bis(2-ethylhexyl)phthalate	21.25	149	7972	0.093	ng	# 100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

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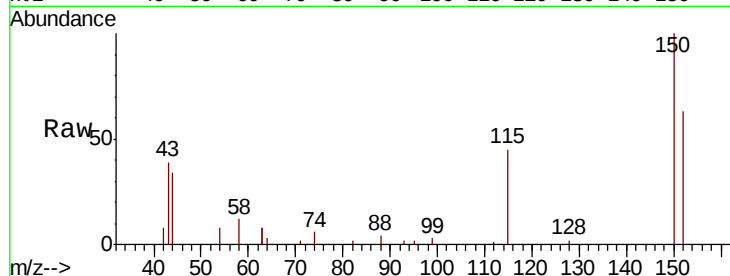
Tot Ion:152 Resp: 5378

Ion Ratio Lower Upper

152 100

150 159.5 120.6 181.0

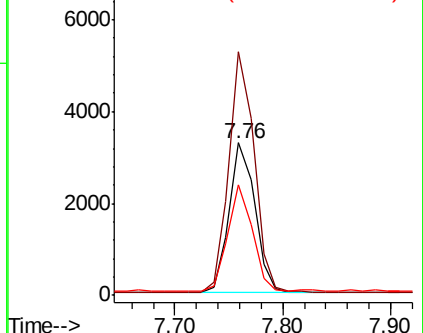
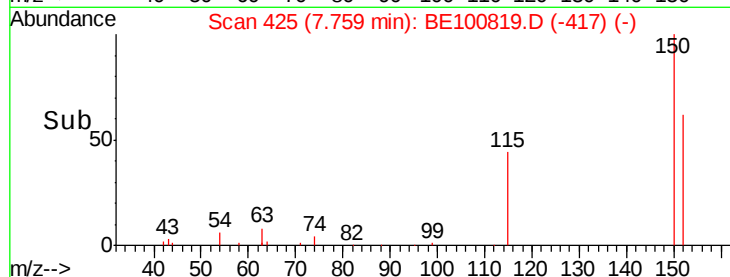
115 72.5 47.4 71.2#



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: 3.801 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

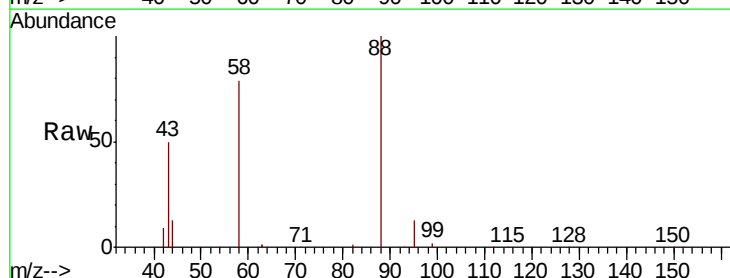
Tgt Ion: 88 Resp: 37266

Ion Ratio Lower Upper

88 100

58 74.5 52.5 78.7

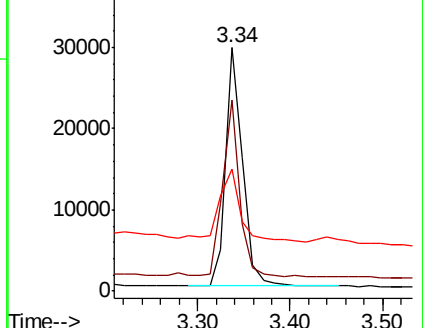
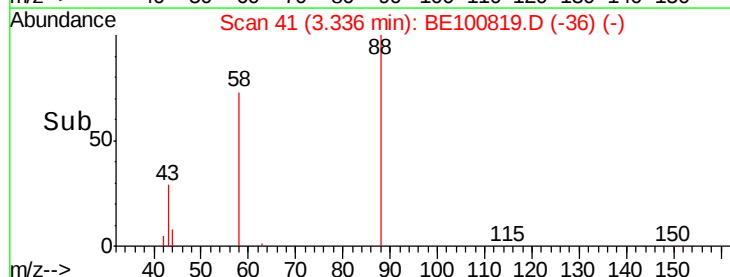
43 36.5 23.0 34.6#



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: 0.202 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

Instrument :

BNA_E

ClientSampleId :

RE122D1-20191203

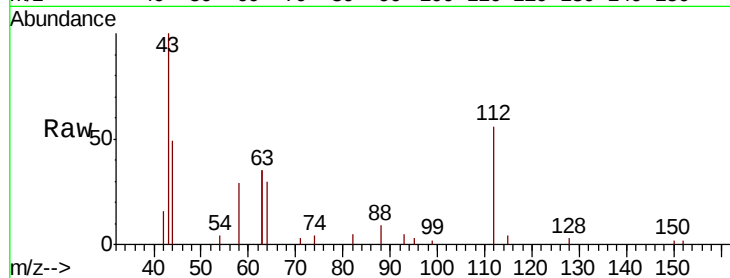
Tot Ion:112 Resp: 2577

Ion Ratio Lower Upper

112 100

64 66.0 54.1 81.1

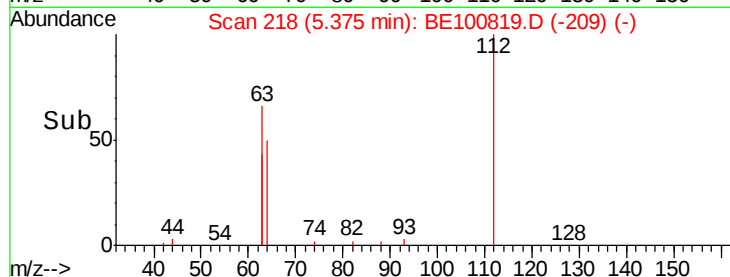
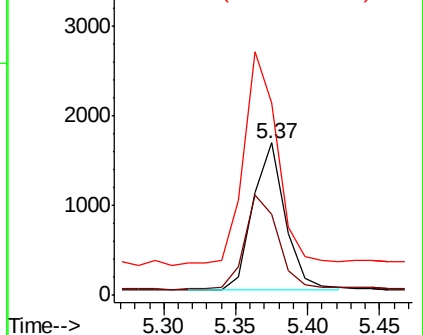
63 150.4 113.2 169.8



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

Phenol-d6

Concen: 0.128 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

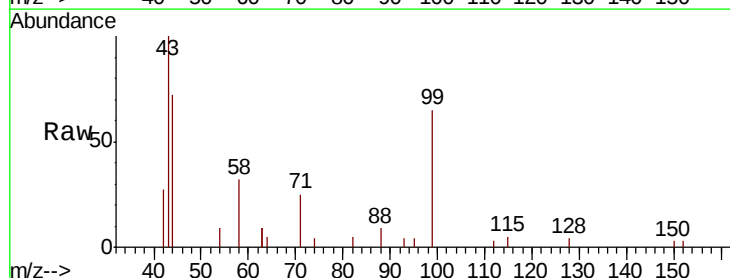
Tgt Ion: 99 Resp: 2469

Ion Ratio Lower Upper

99 100

42 27.5 19.1 28.7

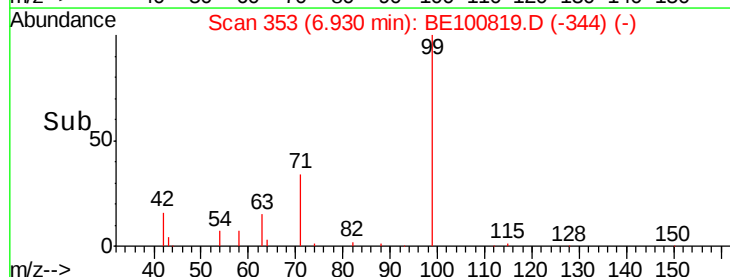
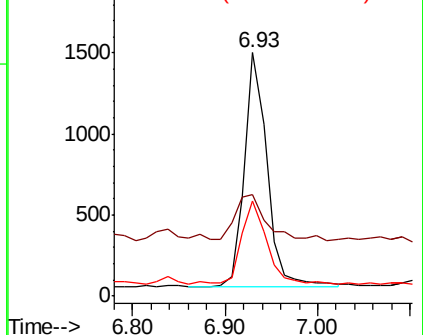
71 38.8 27.7 41.5

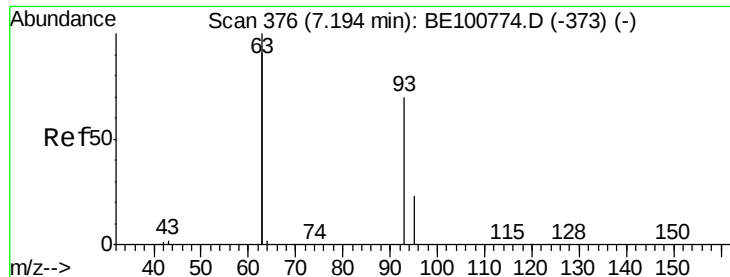


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.027 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

Instrument :

BNA_E

ClientSampleId :

RE122D1-20191203

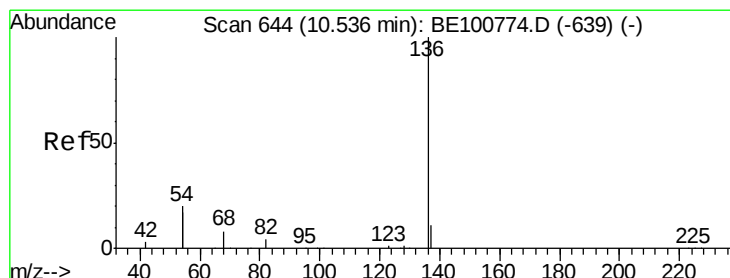
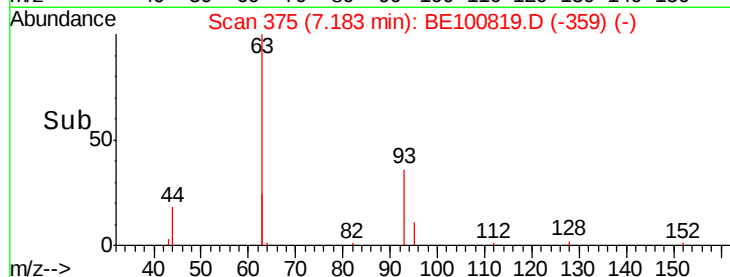
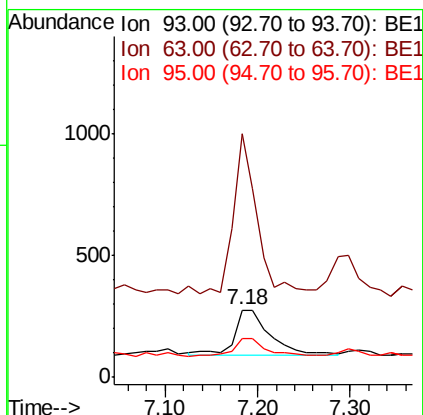
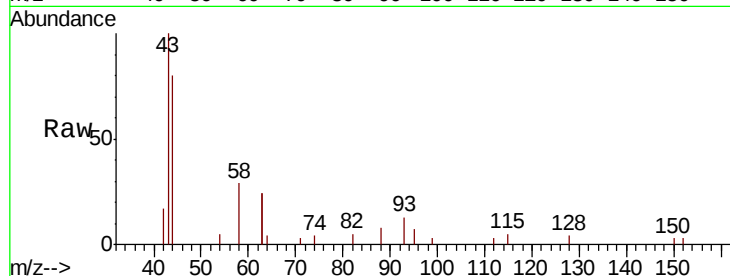
Tot Ion: 93 Resp: 499

Ion Ratio Lower Upper

93 100

63 227.5 259.4 389.0#

95 35.9 26.2 39.2



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

Tgt Ion: 136 Resp: 24711

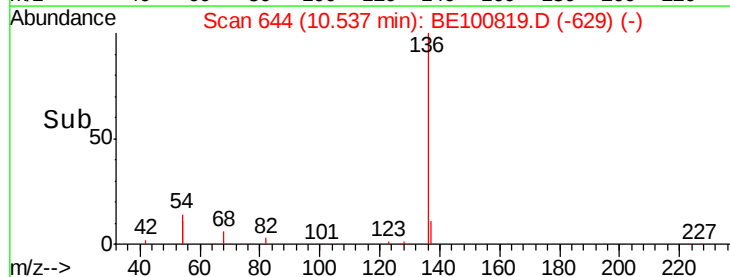
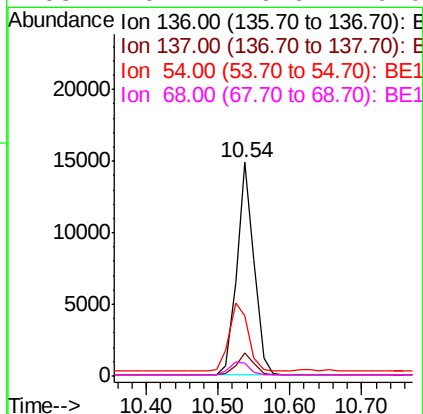
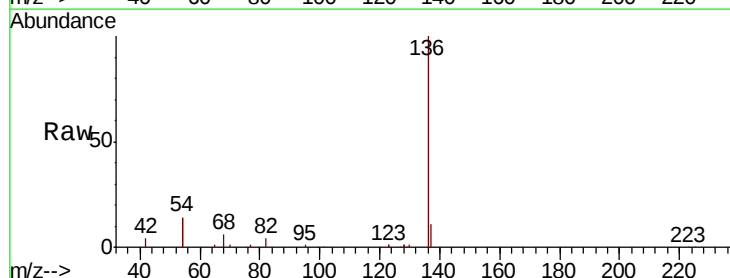
Ion Ratio Lower Upper

136 100

137 10.8 9.4 14.0

54 28.2 31.1 46.7#

68 6.2 6.6 10.0#





#8

Nitrobenzene-d5

Concen: 0.550 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

Instrument :

BNA_E

ClientSampleId :

RE122D1-20191203

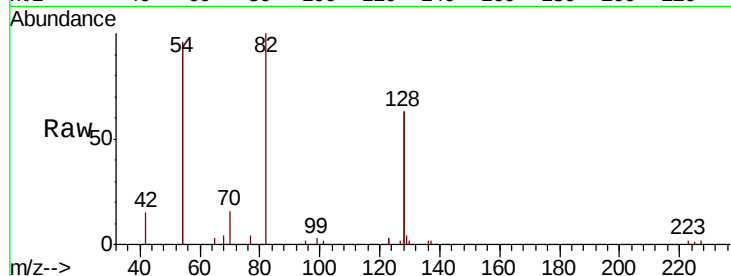
Tot Ion: 82 Resp: 6478

Ion Ratio Lower Upper

82 100

128 126.4 97.0 145.4

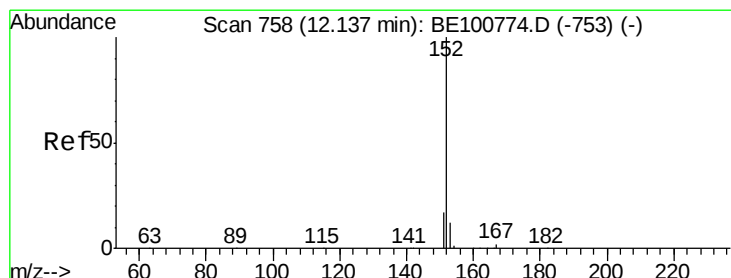
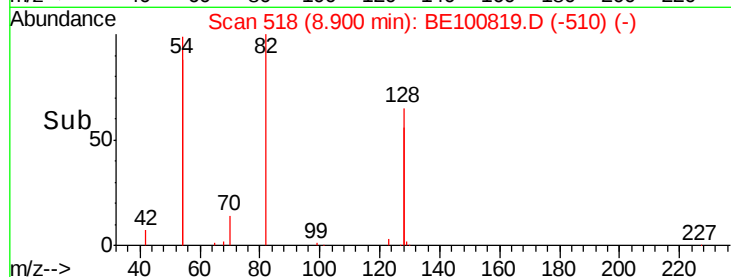
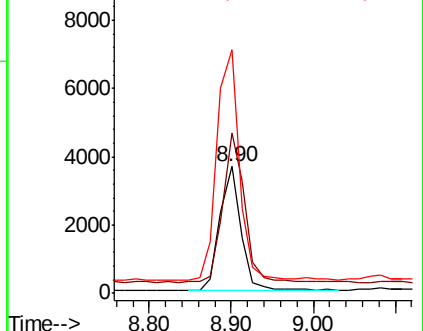
54 192.3 171.8 257.6



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



#11

2-Methylnaphthalene-d10

Concen: 0.425 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100819.D

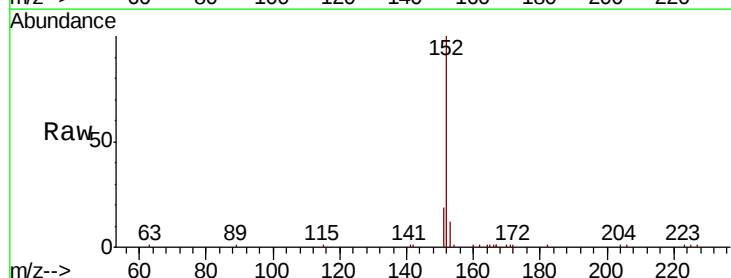
Acq: 10 Dec 2019 20:12

Tgt Ion: 152 Resp: 15234

Ion Ratio Lower Upper

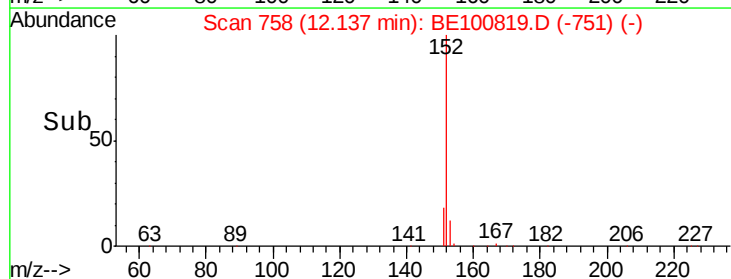
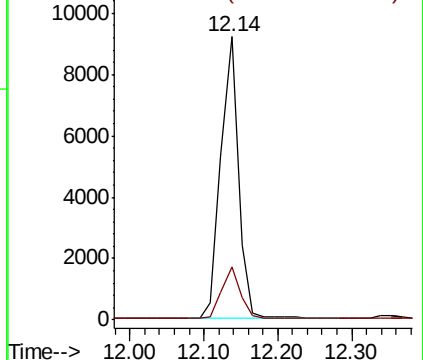
152 100

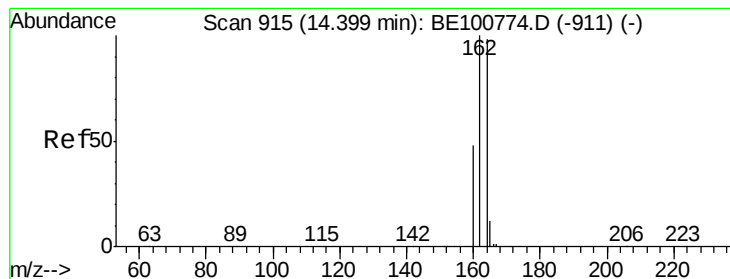
151 19.4 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

Instrument :

BNA_E

ClientSampleId :

RE122D1-20191203

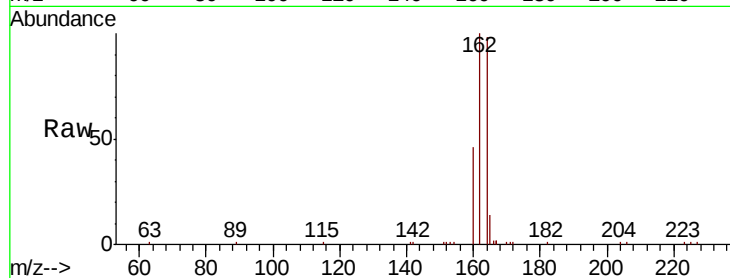
Tot Ion:164 Resp: 13859

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

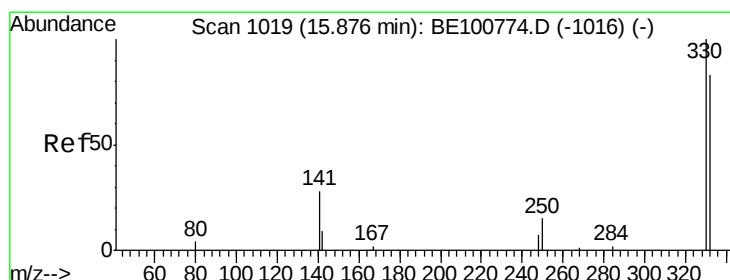
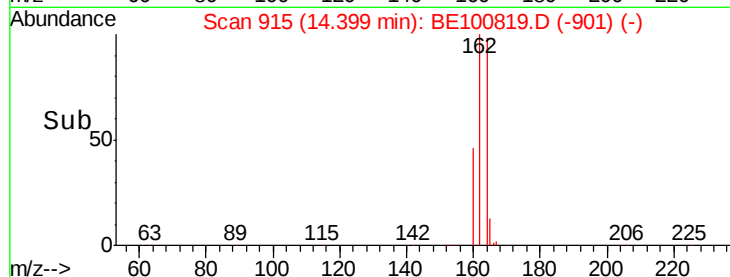
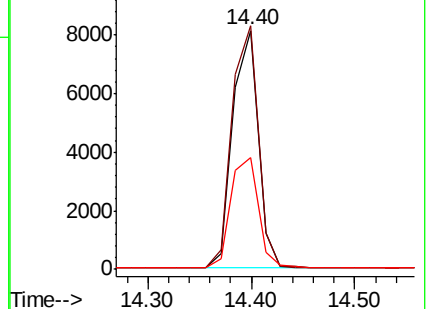
160 47.0 39.4 59.0



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: 0.643 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

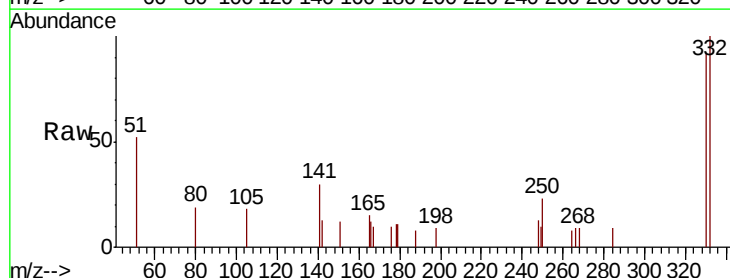
Tgt Ion:330 Resp: 991

Ion Ratio Lower Upper

330 100

332 99.3 69.4 104.2

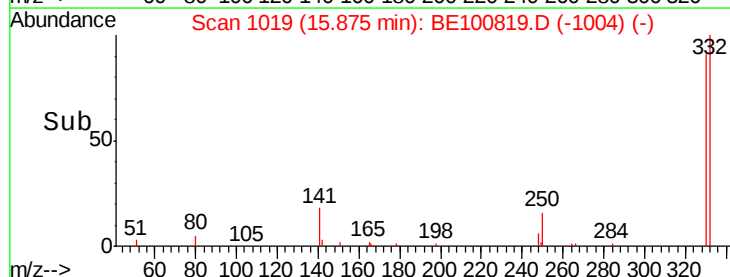
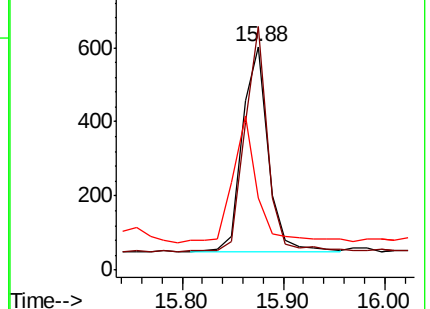
141 59.3 51.1 76.7

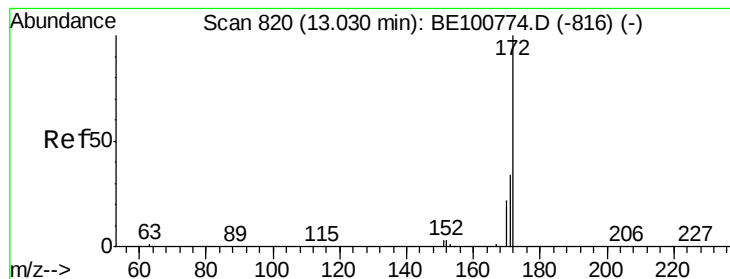


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.405 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

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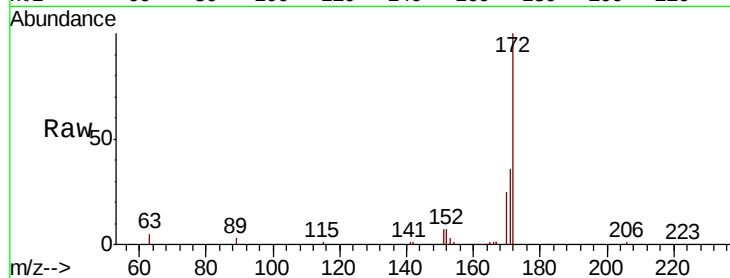
Tot Ion:172 Resp: 22286

Ion Ratio Lower Upper

172 100

171 35.6 27.2 40.8

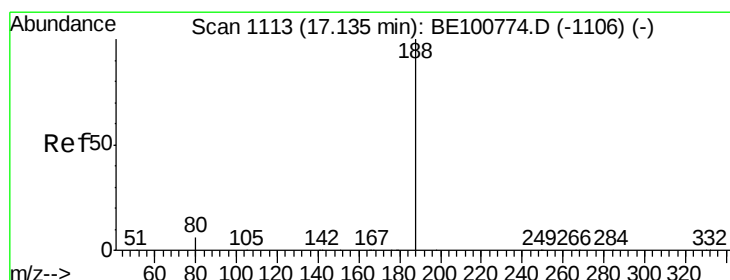
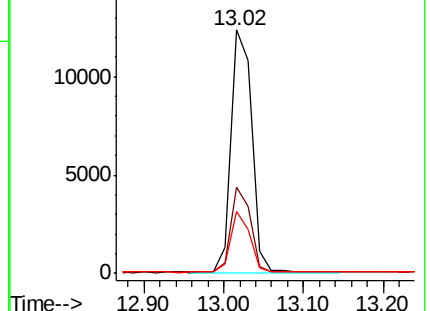
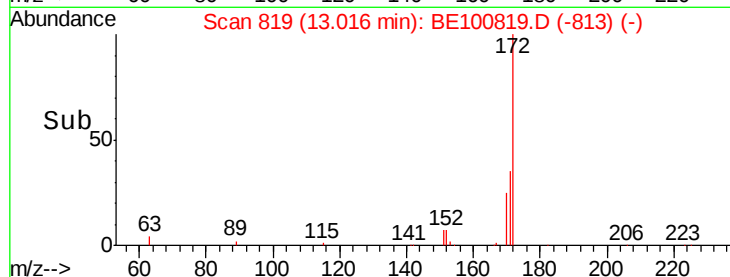
170 25.3 18.0 27.0



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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

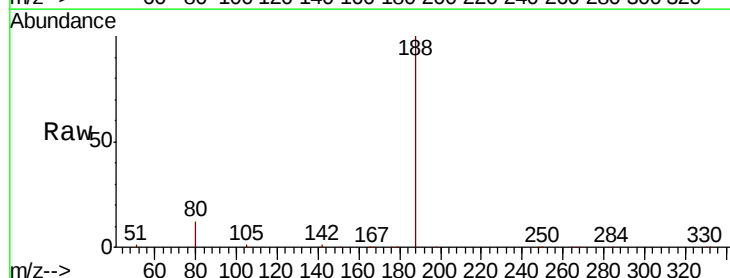
Tgt Ion:188 Resp: 33462

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

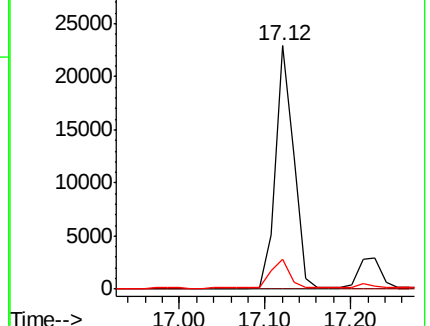
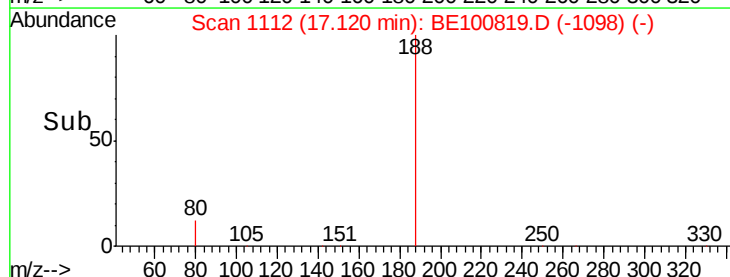
80 12.0 5.2 7.8#

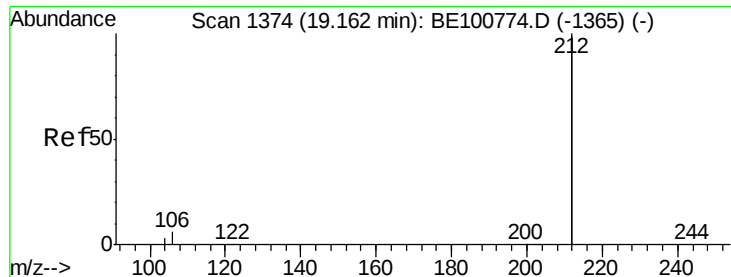


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

Instrument :

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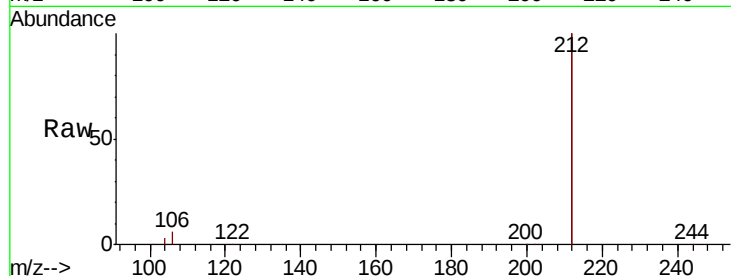
Tot Ion:212 Resp: 152400

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

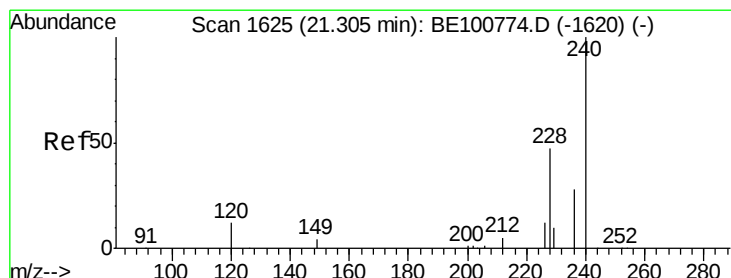
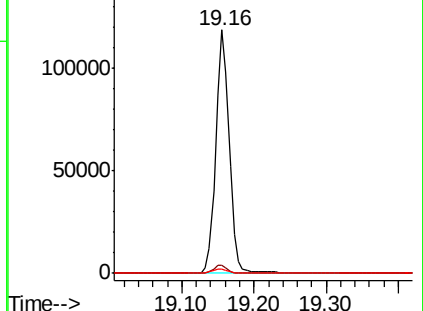
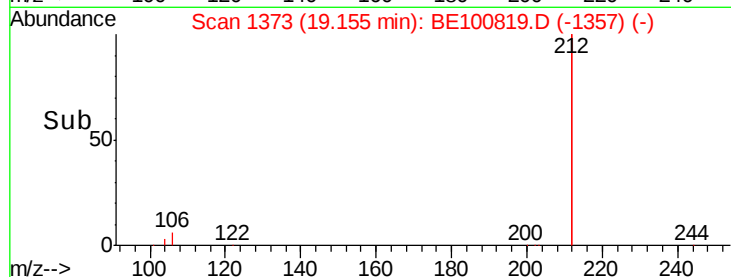
104 1.8 1.4 2.2



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: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

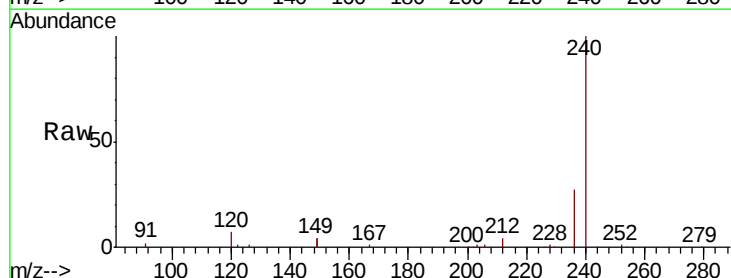
Tgt Ion:240 Resp: 27640

Ion Ratio Lower Upper

240 100

120 6.6 10.2 15.2#

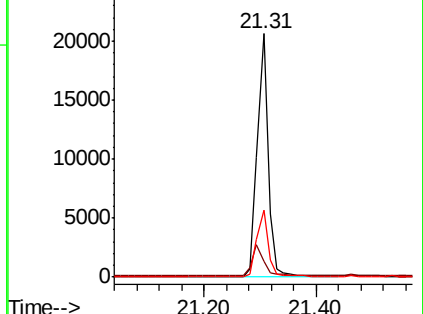
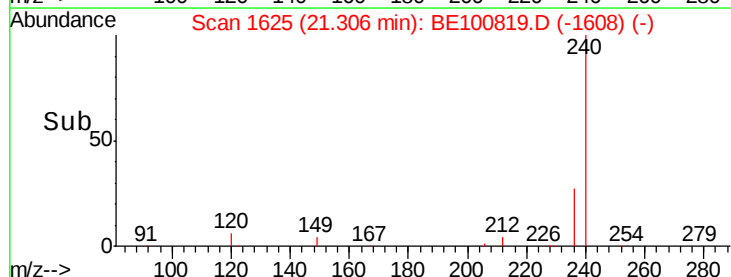
236 27.3 22.3 33.5

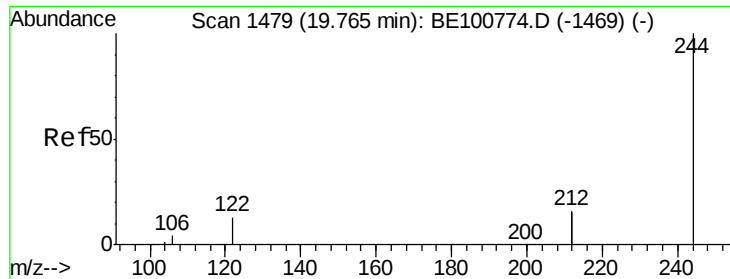


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.438 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

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RE122D1-20191203

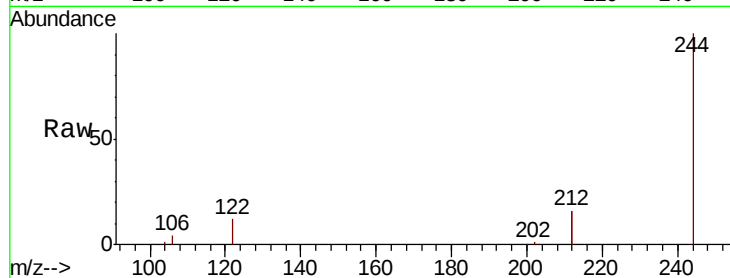
Tot Ion:244 Resp: 29015

Ion Ratio Lower Upper

244 100

212 32.2 26.2 39.4

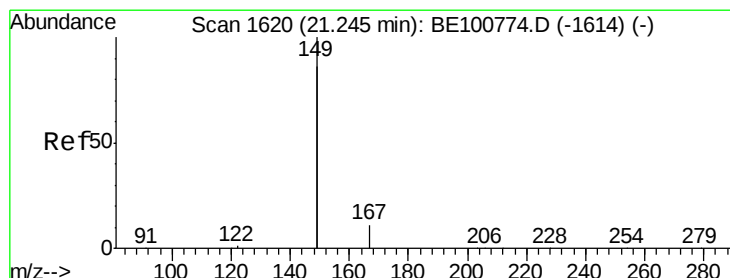
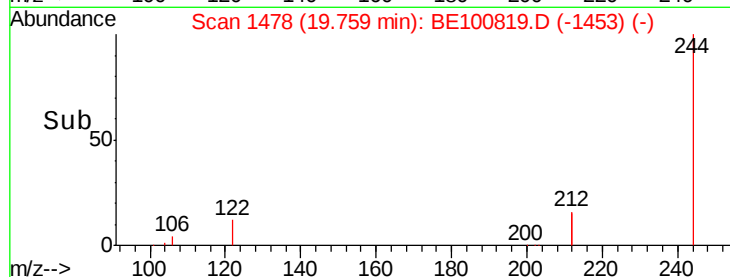
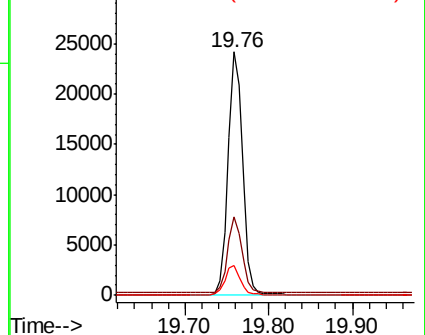
122 12.3 10.2 15.4



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: 0.093 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

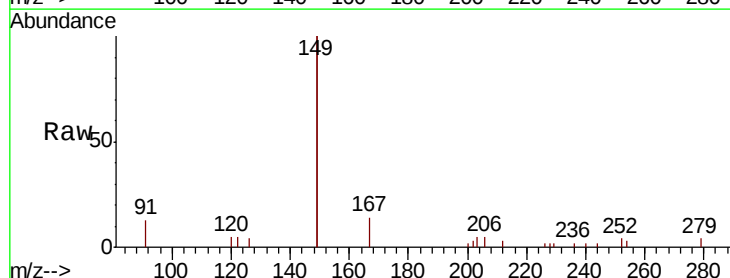
Tgt Ion:149 Resp: 7972

Ion Ratio Lower Upper

149 100

167 6.3 5.0 7.6

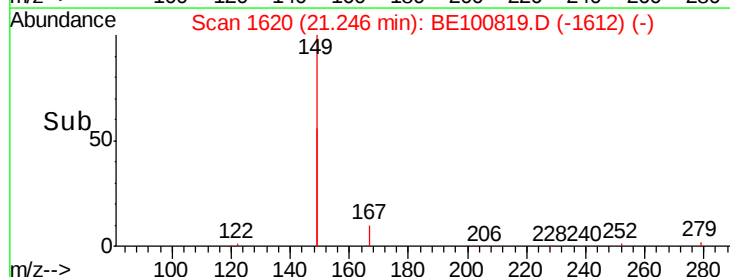
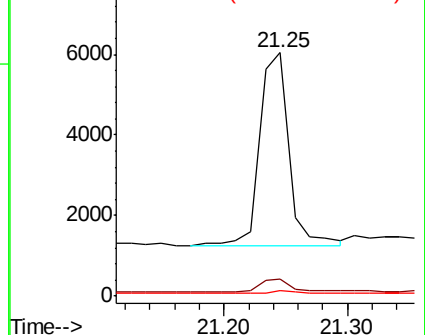
279 1.1 0.7 1.1#

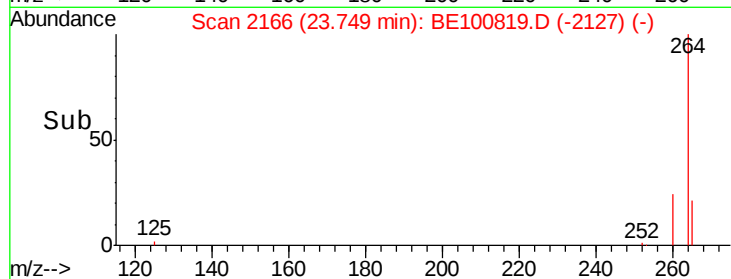
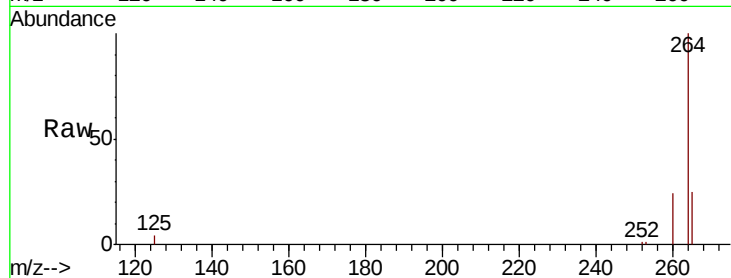


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE100819.D

Acq: 10 Dec 2019 20:12

Instrument :

BNA_E

ClientSampleId :

RE122D1-20191203

Tot Ion: 264 Resp: 33280

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 25.3 21.8 32.8

