

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100820.D
 Acq On : 10 Dec 2019 20:48
 Operator : JU
 Sample : K6184-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20191203

Quant Time: Dec 11 06:22:06 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

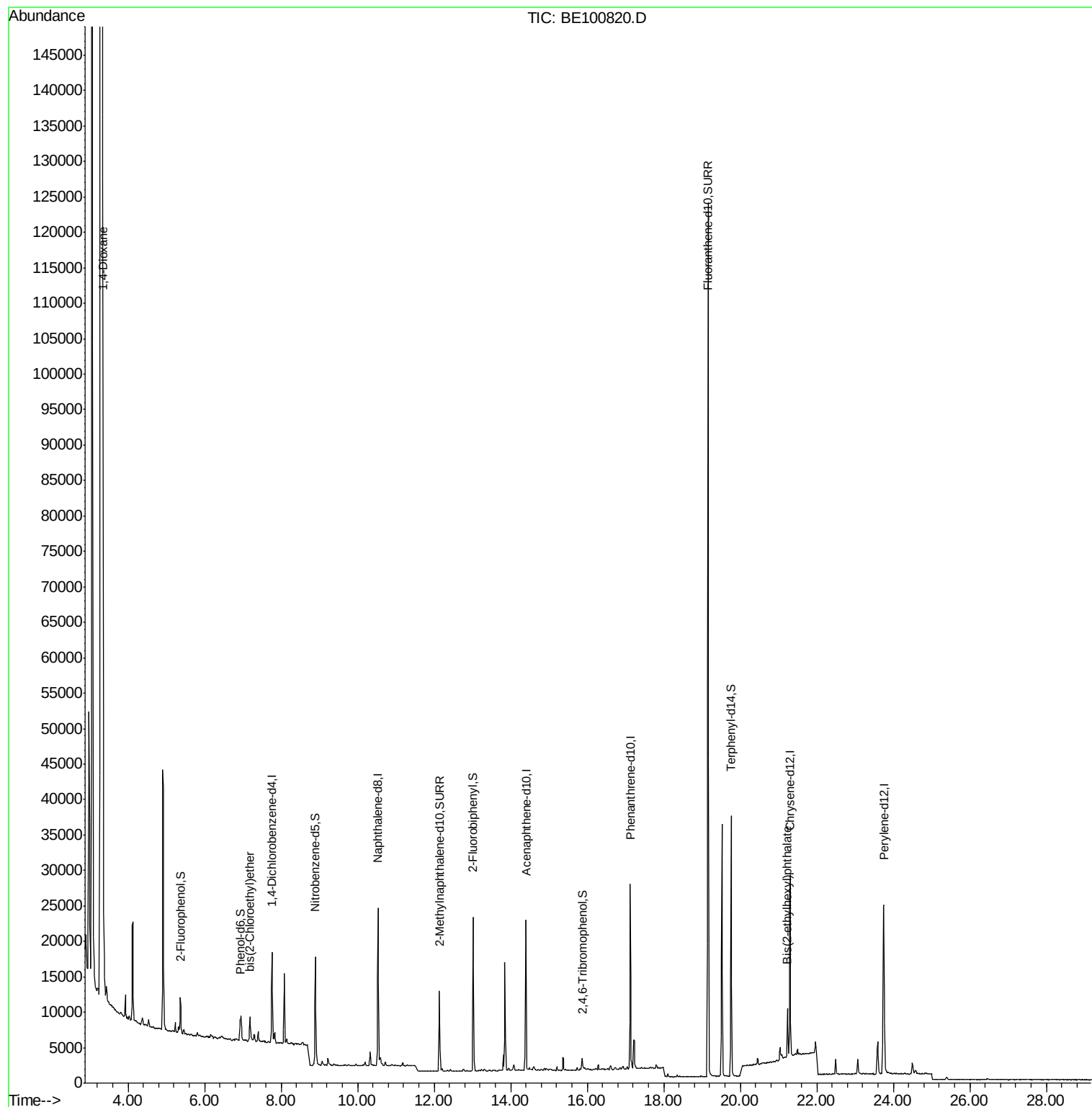
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5265	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	24398	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14199	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33494	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	28786	0.40	ng	0.00
34) Perylene-d12	23.75	264	34535	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2542	0.20	ng	0.00
5) Phenol-d6	6.93	99	2360	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6133	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14689	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1084	0.69	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	20382	0.36	ng	-0.01
25) Fluoranthene-d10	19.16	212	153881	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	29985	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	49688	5.176	ng	# 88
6) bis(2-Chloroethyl)ether	7.18	93	1321	0.072	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.23	149	9223	0.114	ng	# 97

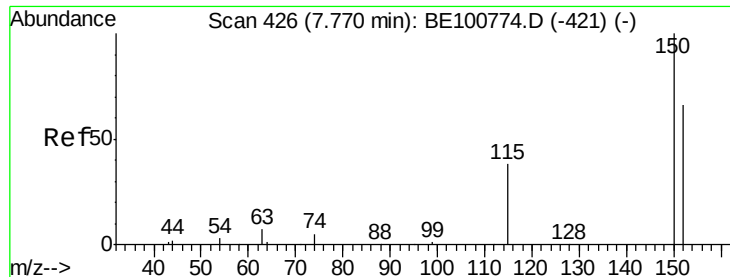
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 04 17:18:11 2019
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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: BE100820.D

Acq: 10 Dec 2019 20:48

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203

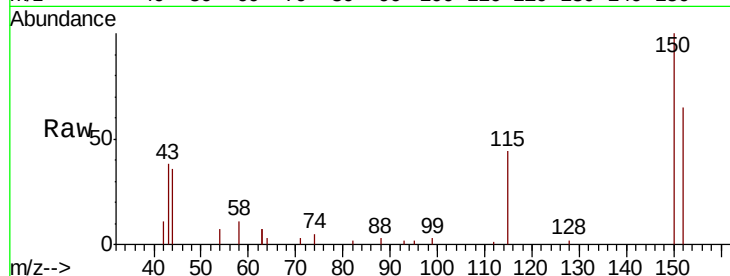
Tot Ion:152 Resp: 5265

Ion Ratio Lower Upper

152 100

150 154.3 120.6 181.0

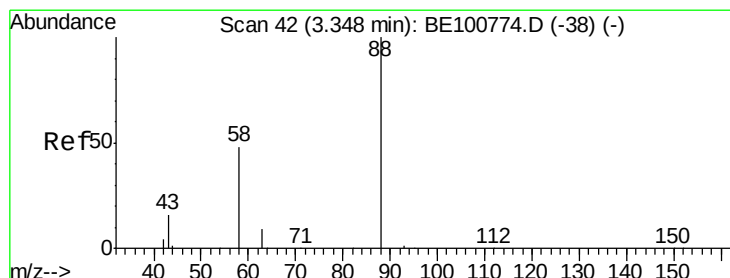
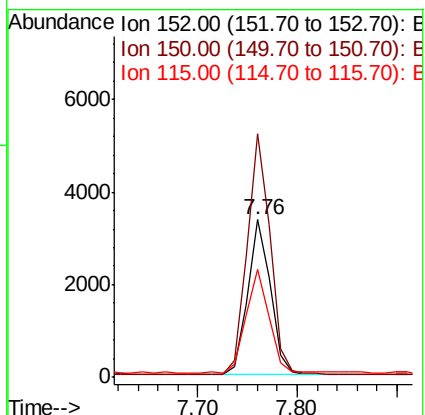
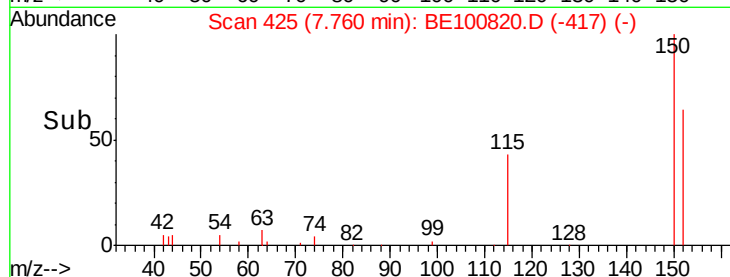
115 68.1 47.4 71.2



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: 5.176 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100820.D

Acq: 10 Dec 2019 20:48

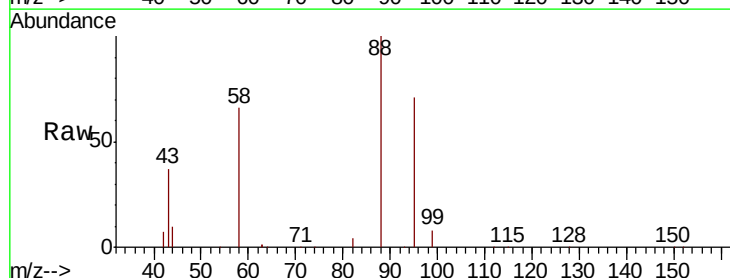
Tgt Ion: 88 Resp: 49688

Ion Ratio Lower Upper

88 100

58 74.7 52.5 78.7

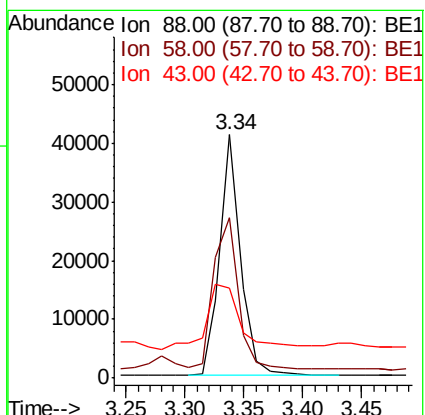
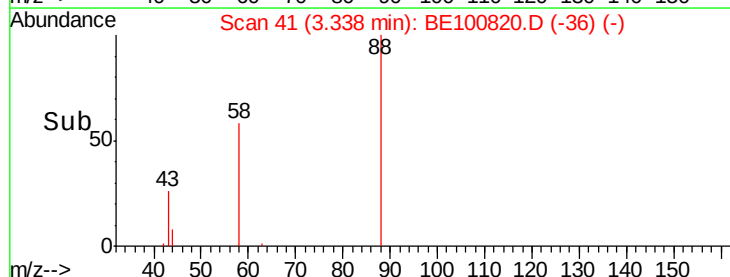
43 36.7 23.0 34.6#

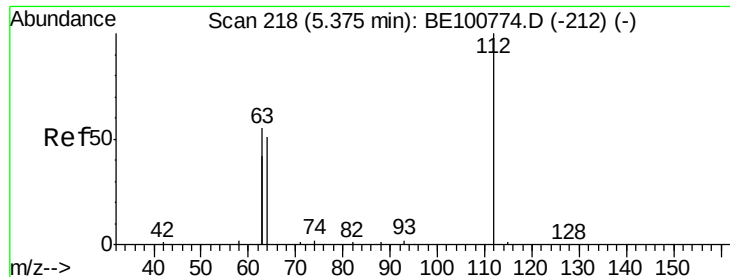


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.203 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100820.D

Acq: 10 Dec 2019 20:48

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203

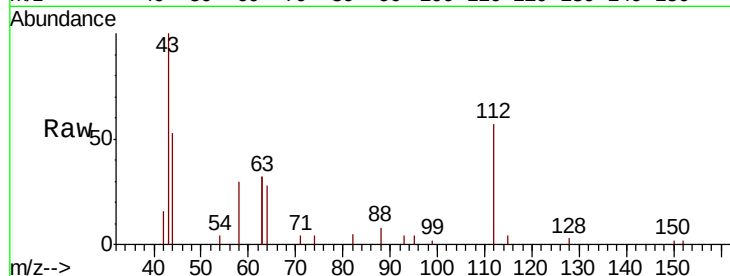
Tot Ion:112 Resp: 2542

Ion Ratio Lower Upper

112 100

64 68.3 54.1 81.1

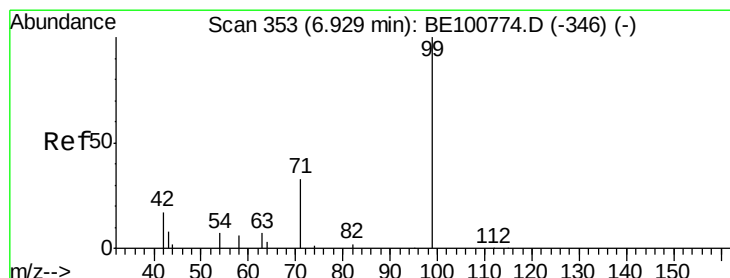
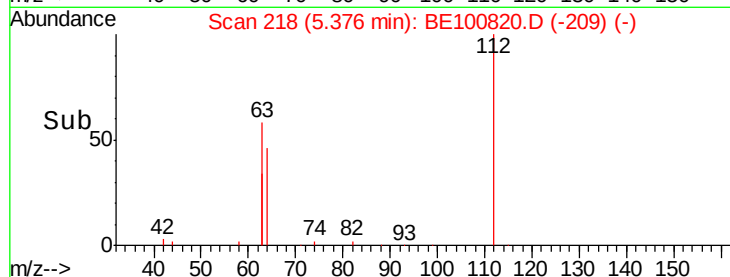
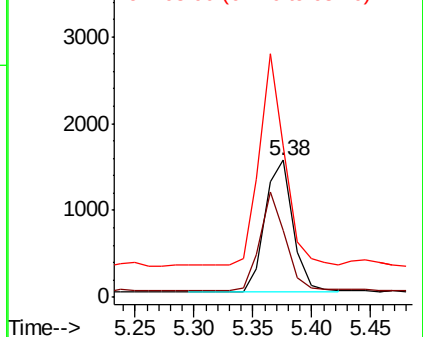
63 143.4 113.2 169.8



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: 0.125 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100820.D

Acq: 10 Dec 2019 20:48

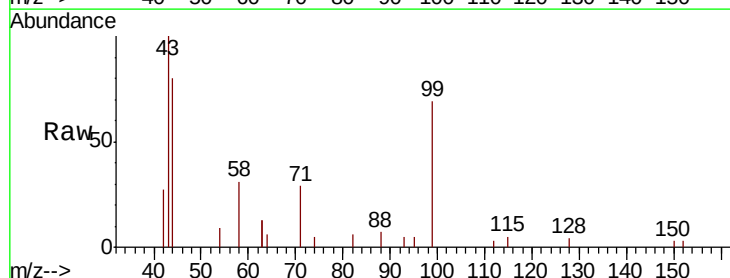
Tgt Ion: 99 Resp: 2360

Ion Ratio Lower Upper

99 100

42 31.3 19.1 28.7#

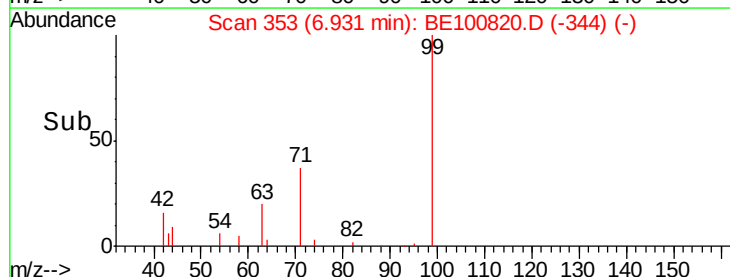
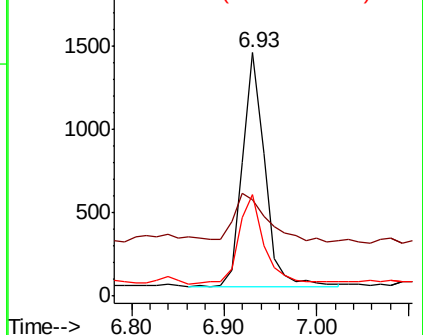
71 43.9 27.7 41.5#

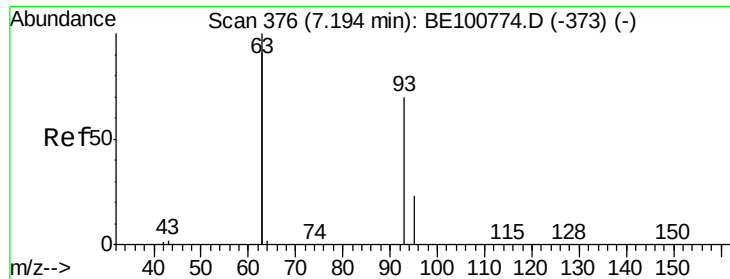


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.072 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100820.D

Acq: 10 Dec 2019 20:48

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203

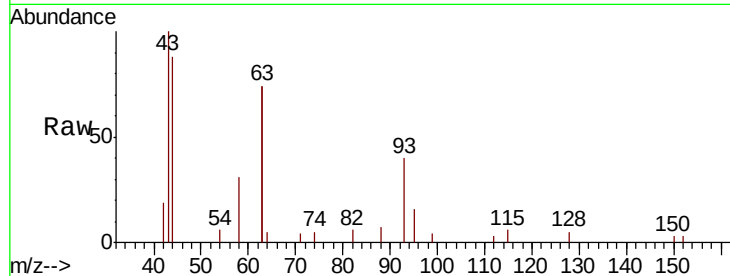
Tot Ion: 93 Resp: 1321

Ion Ratio Lower Upper

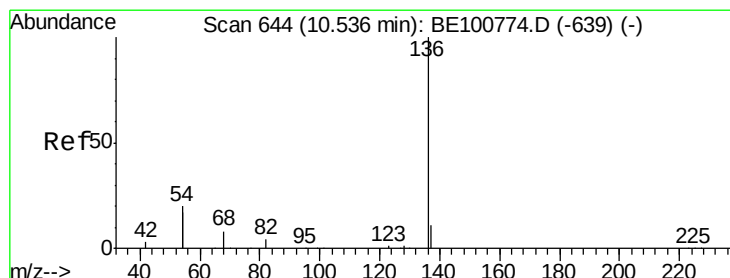
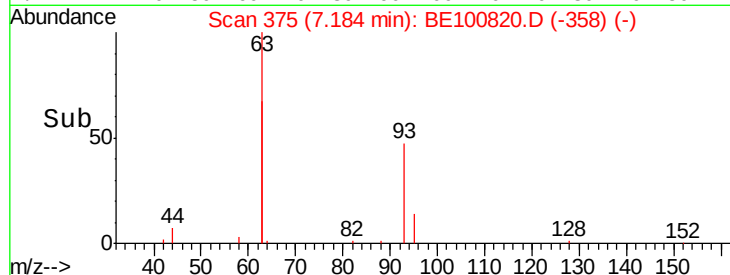
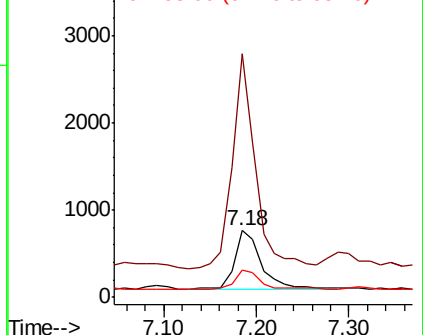
93 100

63 328.2 259.4 389.0

95 33.8 26.2 39.2



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100820.D

Acq: 10 Dec 2019 20:48

Tgt Ion: 136 Resp: 24398

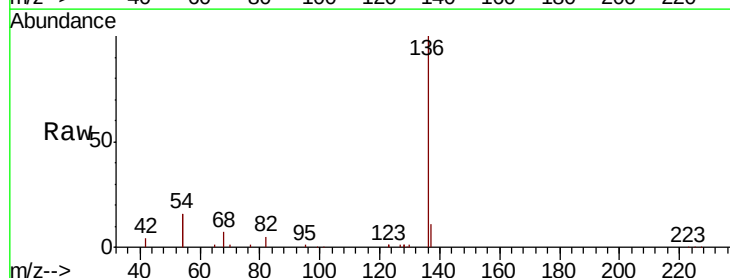
Ion Ratio Lower Upper

136 100

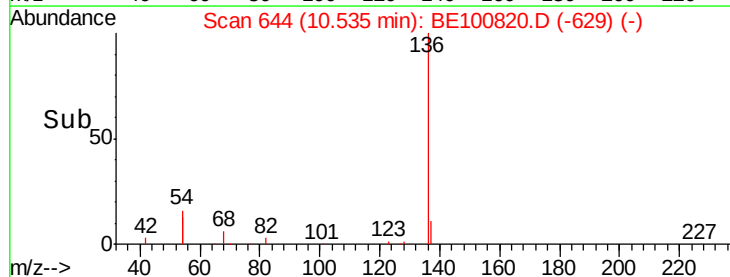
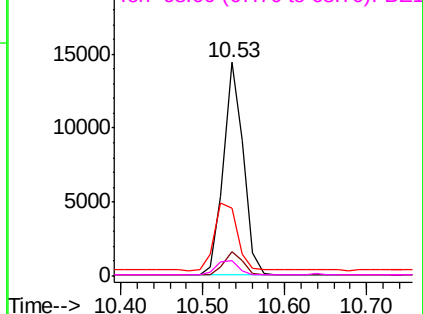
137 11.1 9.4 14.0

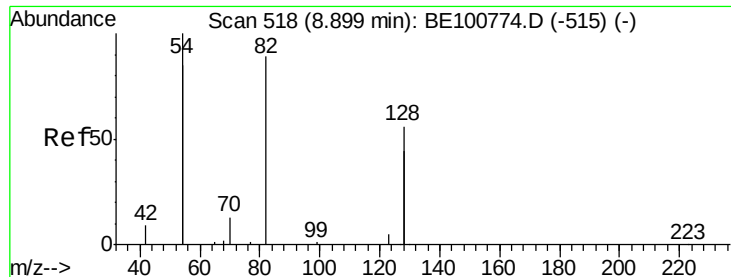
54 31.9 31.1 46.7

68 7.3 6.6 10.0



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: 0.528 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100820.D

Acq: 10 Dec 2019 20:48

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203

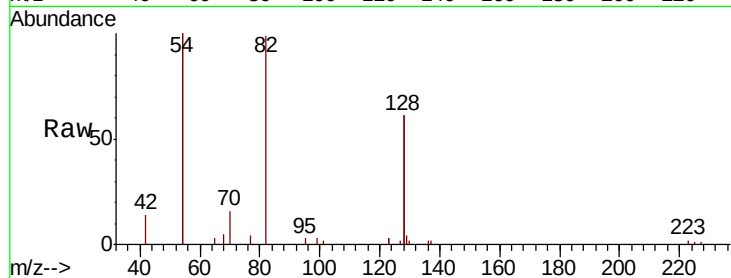
Tot Ion: 82 Resp: 6133

Ion Ratio Lower Upper

82 100

128 122.7 97.0 145.4

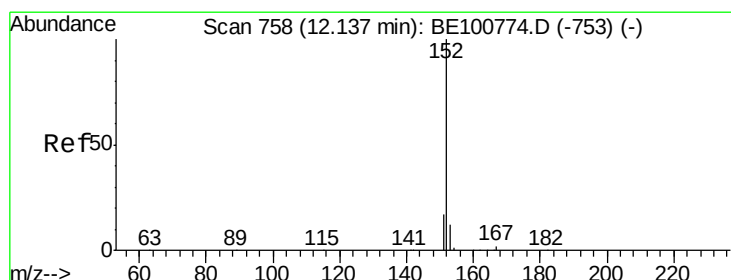
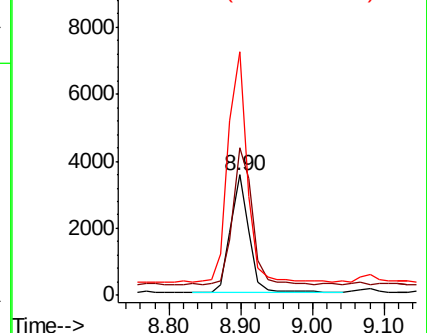
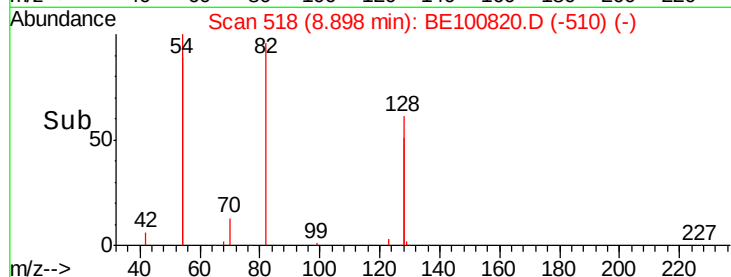
54 202.5 171.8 257.6



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: 0.415 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100820.D

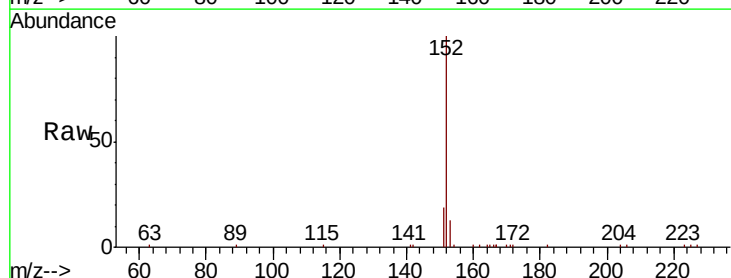
Acq: 10 Dec 2019 20:48

Tgt Ion: 152 Resp: 14689

Ion Ratio Lower Upper

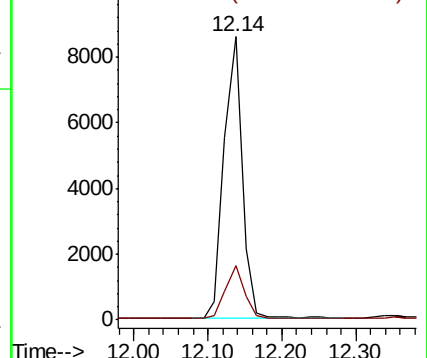
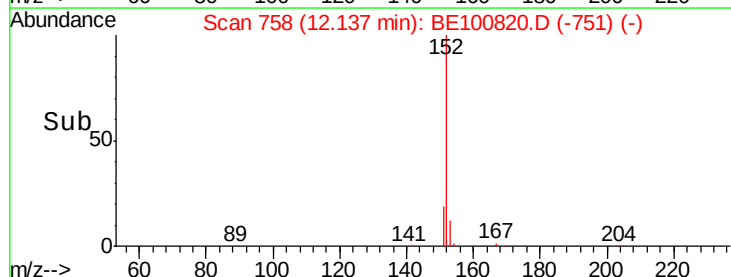
152 100

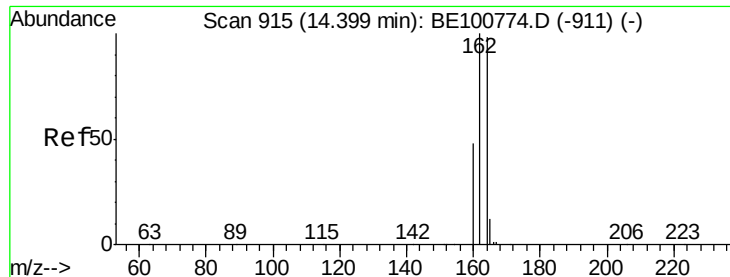
151 19.6 15.8 23.8



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: BE100820.D

Acq: 10 Dec 2019 20:48

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203

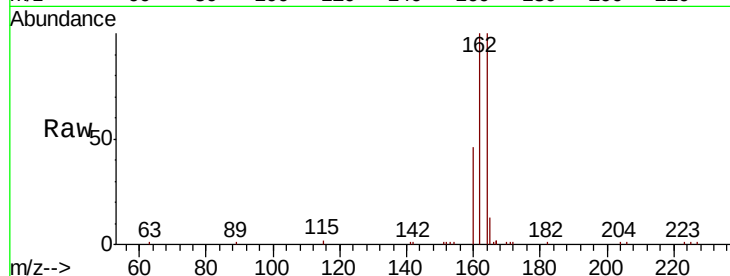
Tot Ion:164 Resp: 14199

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

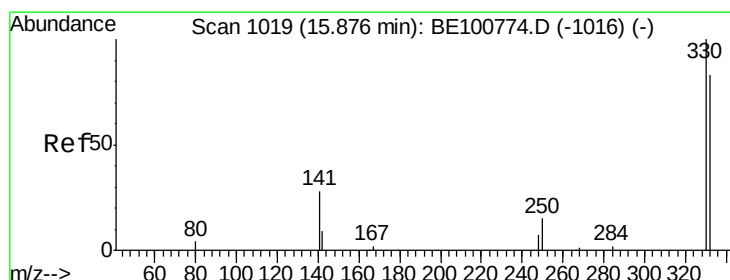
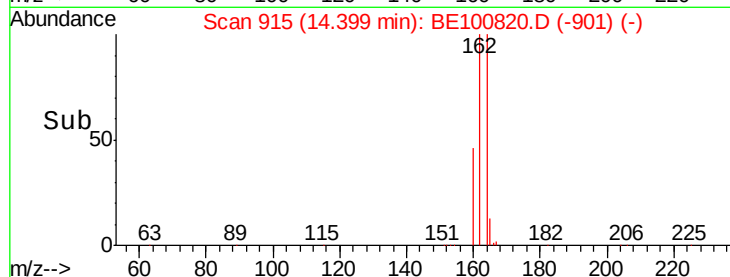
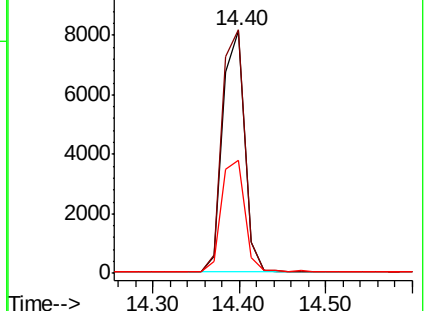
160 46.6 39.4 59.0



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: 0.686 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100820.D

Acq: 10 Dec 2019 20:48

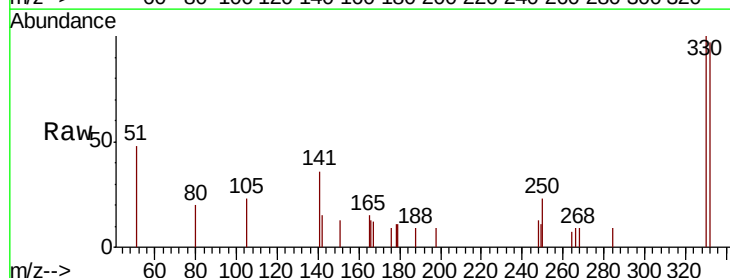
Tgt Ion:330 Resp: 1084

Ion Ratio Lower Upper

330 100

332 93.5 69.4 104.2

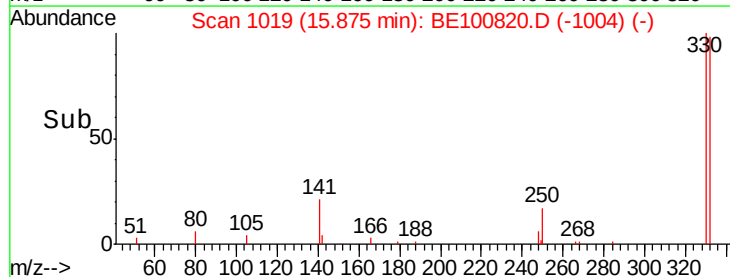
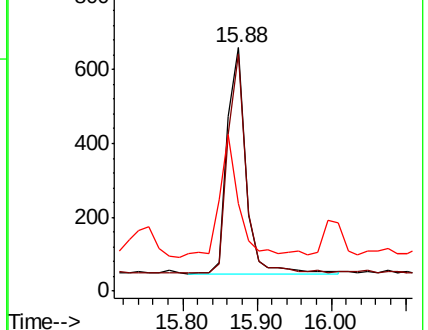
141 58.7 51.1 76.7

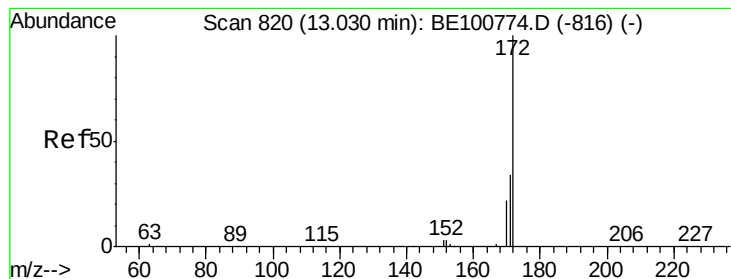


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

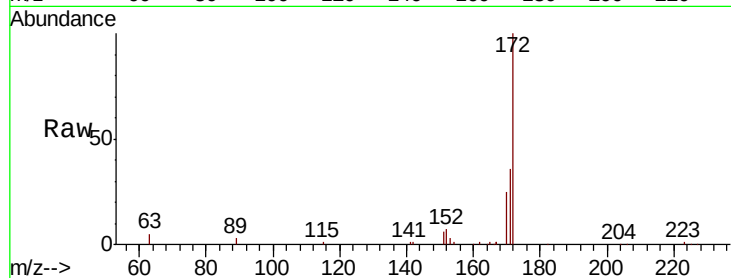




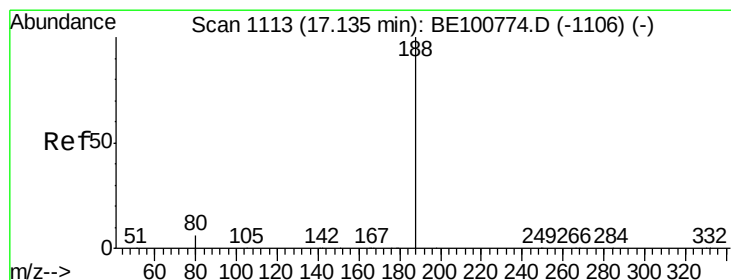
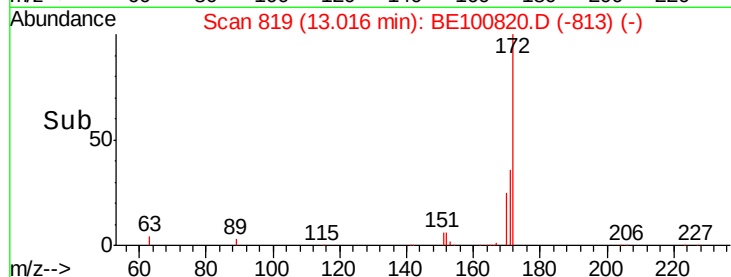
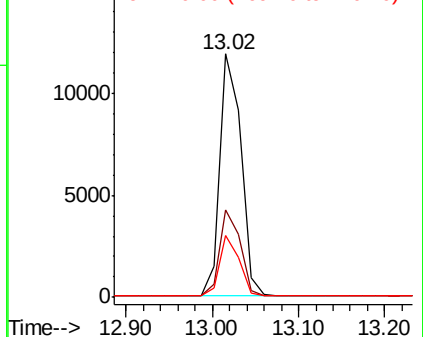
#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100820.D
Acq: 10 Dec 2019 20:48

Instrument :
BNA_E
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RE122D2-20191203

Tot Ion:172 Resp: 20382
Ion Ratio Lower Upper
172 100
171 35.8 27.2 40.8
170 25.2 18.0 27.0

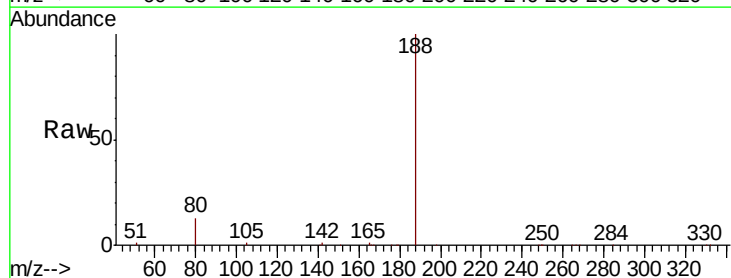


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

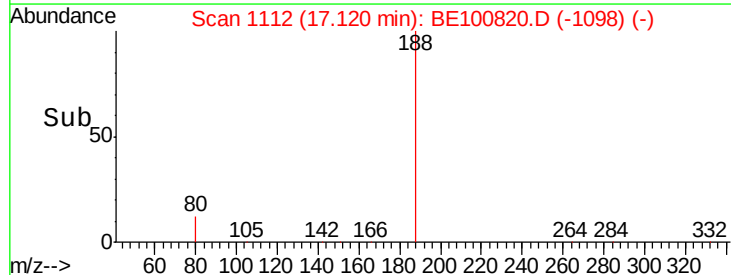
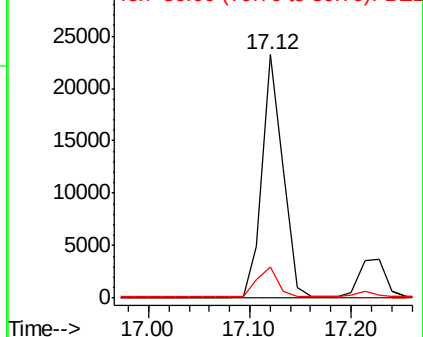


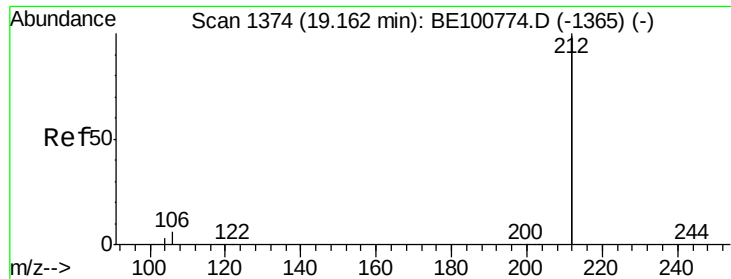
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100820.D
Acq: 10 Dec 2019 20:48

Tgt Ion:188 Resp: 33494
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 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: 0.389 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100820.D

Acq: 10 Dec 2019 20:48

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203

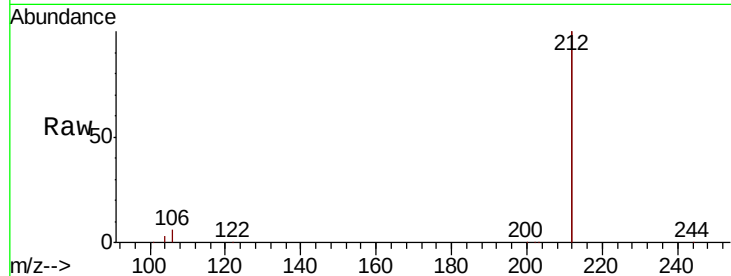
Tot Ion:212 Resp: 153881

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

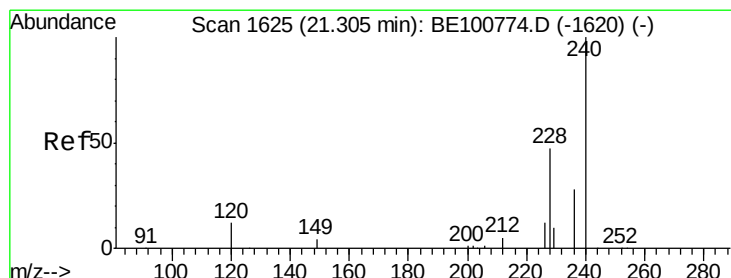
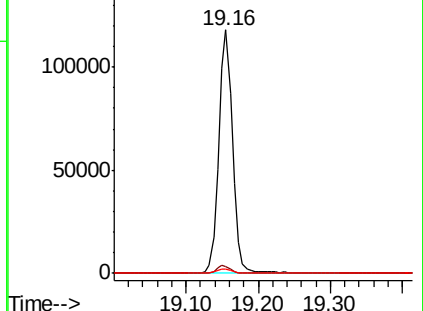
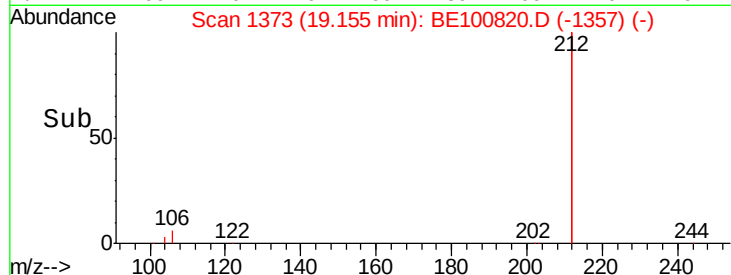
104 1.8 1.4 2.2



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: BE100820.D

Acq: 10 Dec 2019 20:48

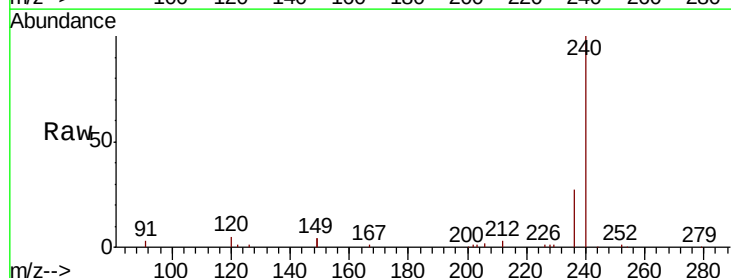
Tgt Ion:240 Resp: 28786

Ion Ratio Lower Upper

240 100

120 5.2 10.2 15.2#

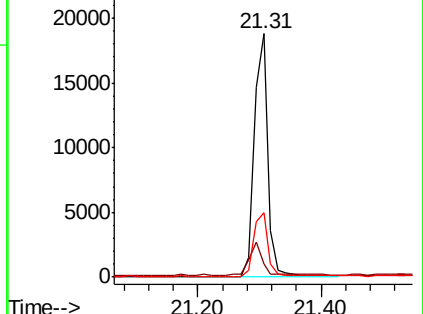
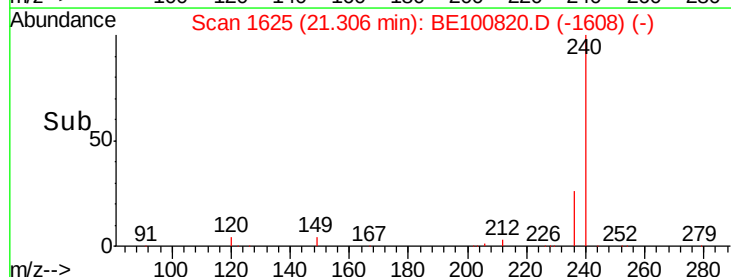
236 26.7 22.3 33.5

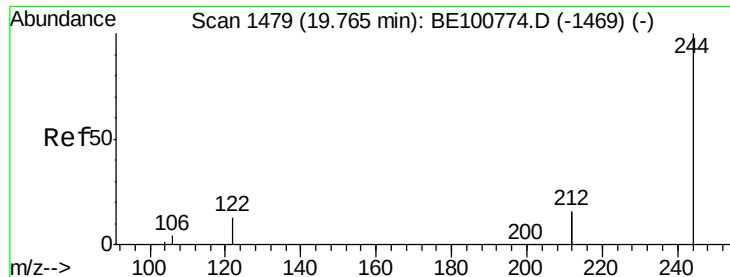


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.435 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100820.D

Acq: 10 Dec 2019 20:48

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203

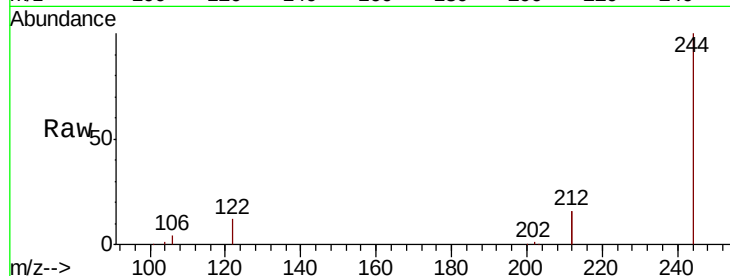
Tot Ion:244 Resp: 29985

Ion Ratio Lower Upper

244 100

212 32.7 26.2 39.4

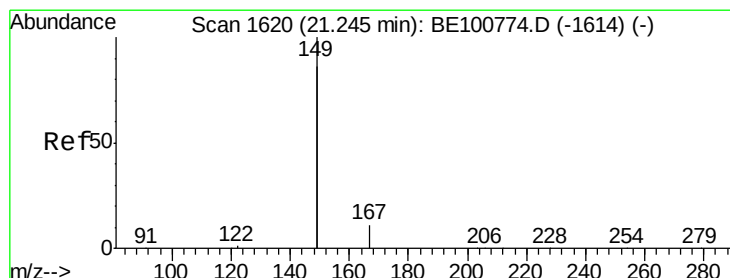
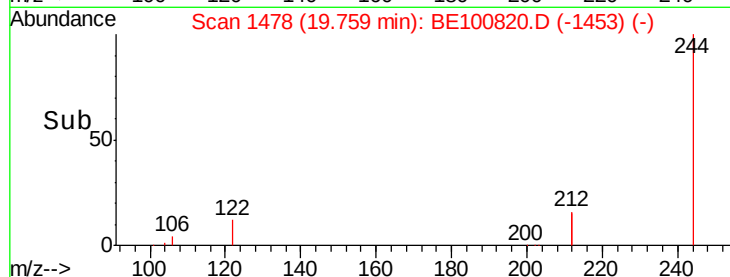
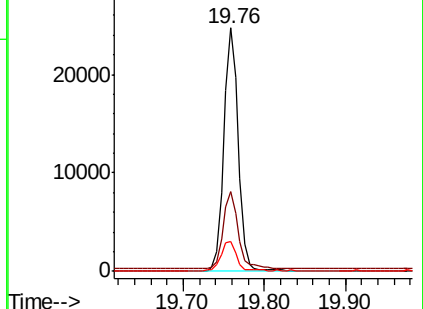
122 12.0 10.2 15.4



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: 0.114 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100820.D

Acq: 10 Dec 2019 20:48

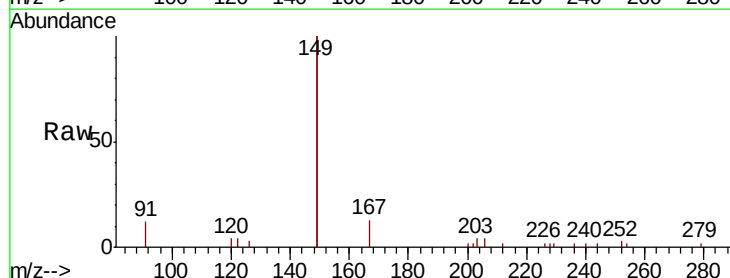
Tgt Ion:149 Resp: 9223

Ion Ratio Lower Upper

149 100

167 7.3 5.0 7.6

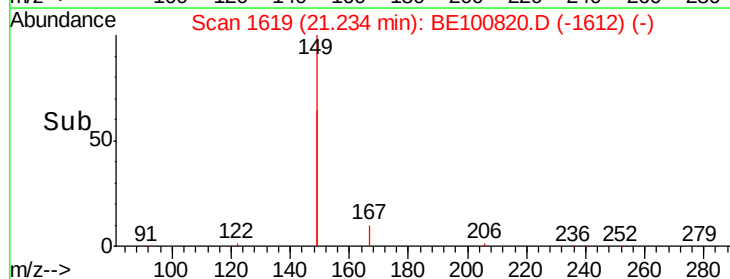
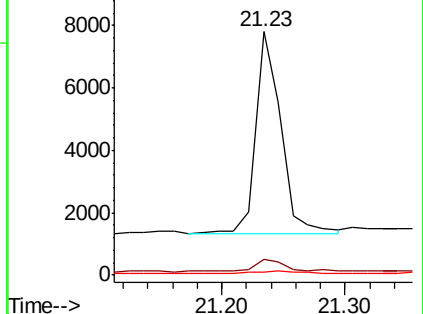
279 1.2 0.7 1.1#

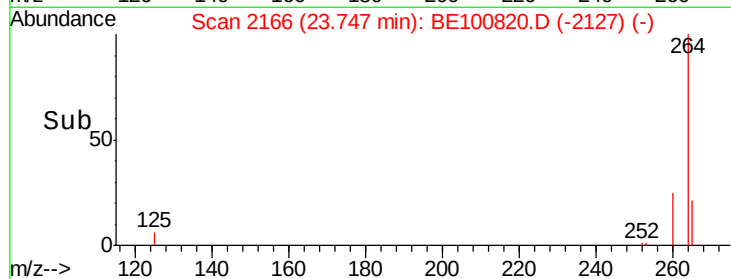
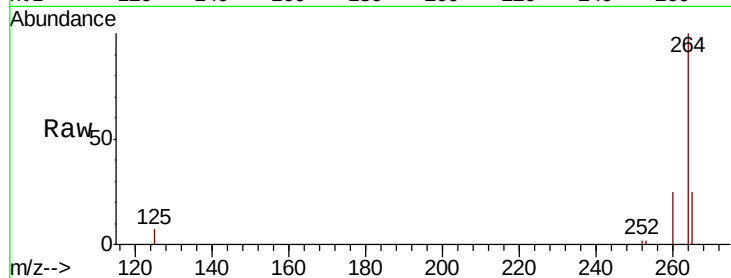
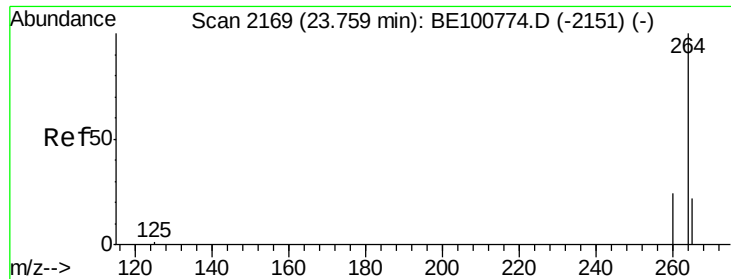


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE100820.D

Acq: 10 Dec 2019 20:48

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203

Tot Ion:264 Resp: 34535

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 24.9 21.8 32.8

