

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100834.D
 Acq On : 11 Dec 2019 6:03
 Operator : JU
 Sample : K6185-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D3-20191204

Quant Time: Dec 11 10:32:12 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

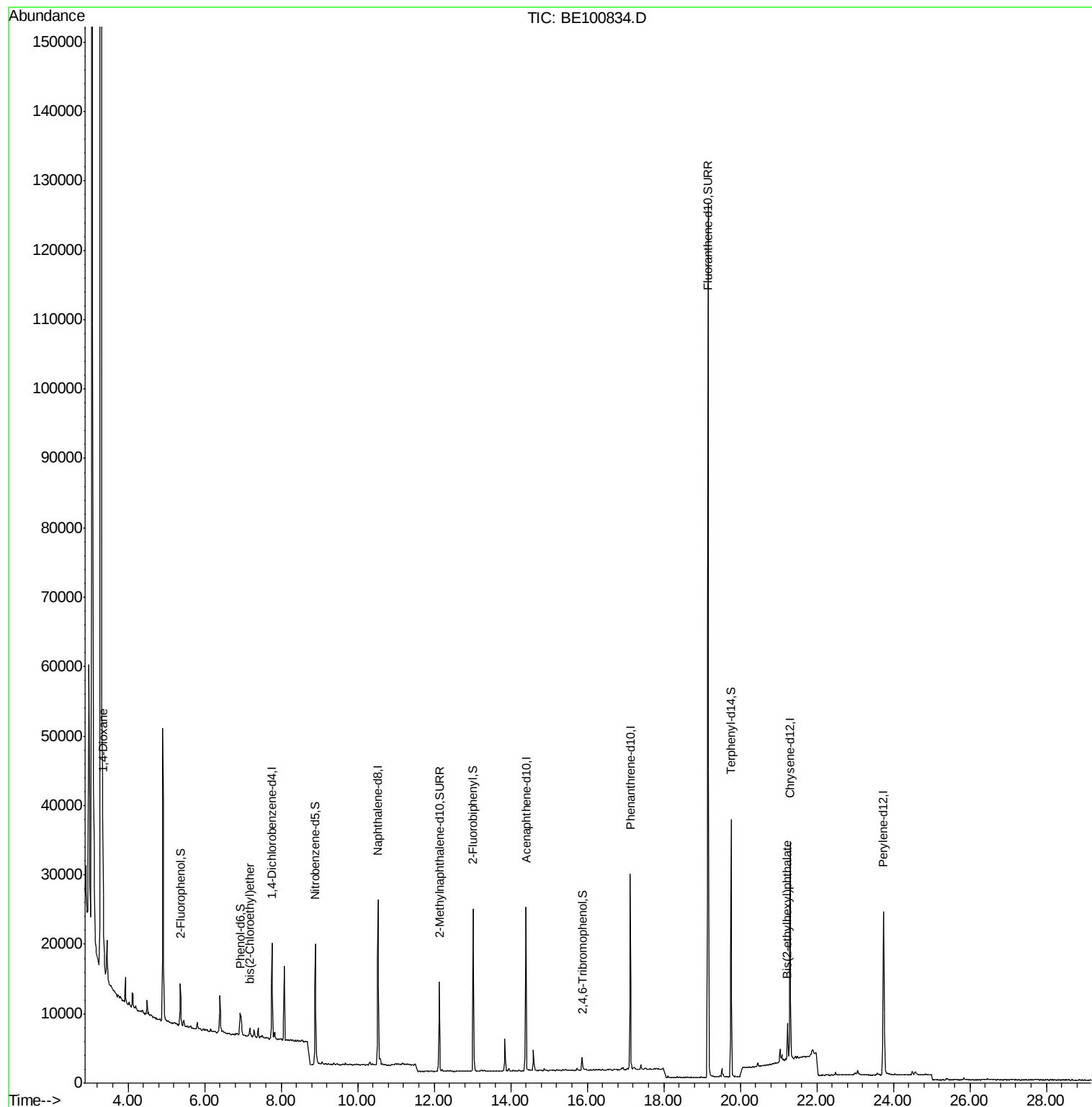
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5775	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	26800	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	15099	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	36004	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	30329	0.40	ng	0.00
34) Perylene-d12	23.74	264	34968	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2973	0.22	ng	0.00
5) Phenol-d6	6.93	99	2832	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	6955	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	16870	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1159	0.69	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	23135	0.39	ng	-0.01
25) Fluoranthene-d10	19.16	212	161955	0.38	ng	0.00
29) Terphenyl-d14	19.76	244	31336	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	4778	0.454	ng	# 45
6) bis(2-Chloroethyl)ether	7.19	93	470	0.024	ng	# 82
32) Bis(2-ethylhexyl)phthalate	21.23	149	7160	0.059	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: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

Instrument :

BNA_E

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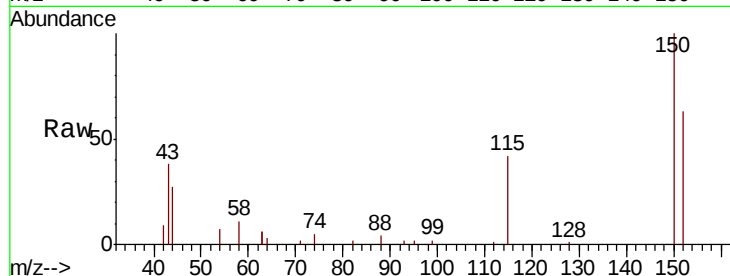
Tot Ion:152 Resp: 5775

Ion Ratio Lower Upper

152 100

150 158.5 120.6 181.0

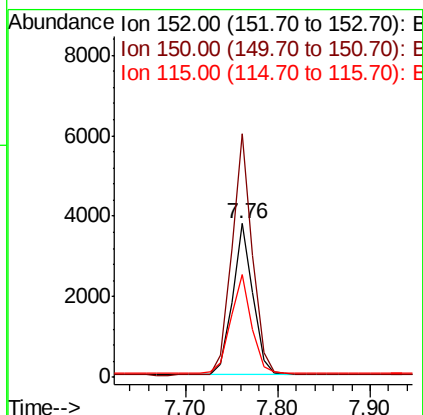
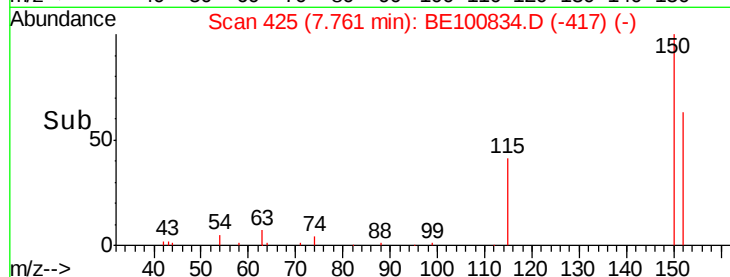
115 67.2 47.4 71.2



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: 0.454 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

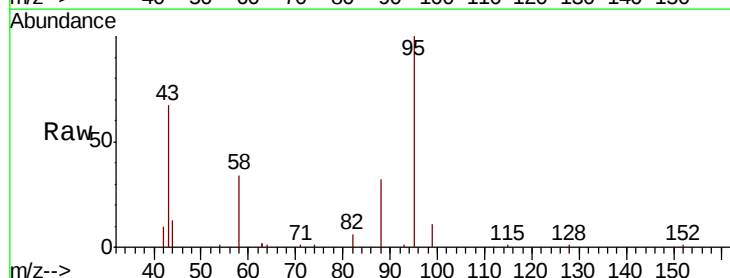
Tgt Ion: 88 Resp: 4778

Ion Ratio Lower Upper

88 100

58 90.4 52.5 78.7#

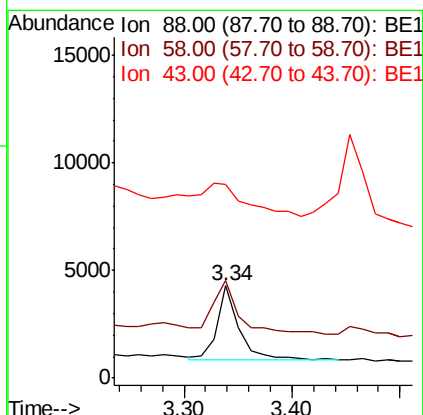
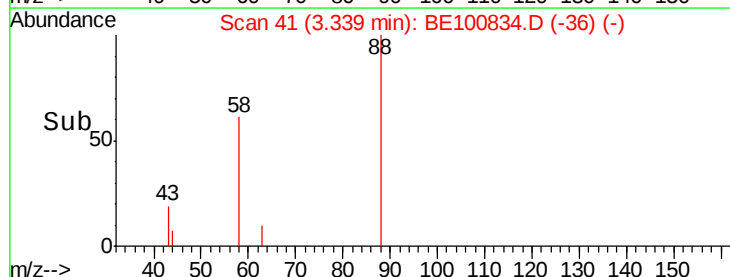
43 87.1 23.0 34.6#



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: 0.217 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

Instrument :

BNA_E

ClientSampleId :

RE103D3-20191204

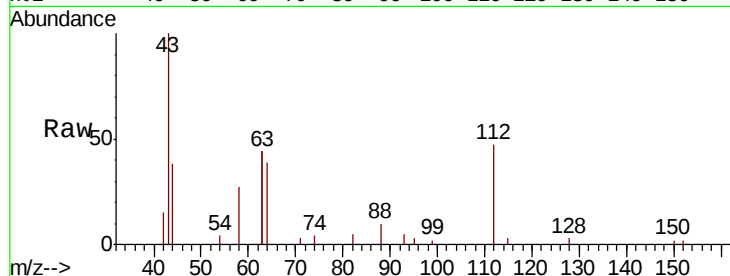
Tot Ion:112 Resp: 2973

Ion Ratio Lower Upper

112 100

64 67.2 54.1 81.1

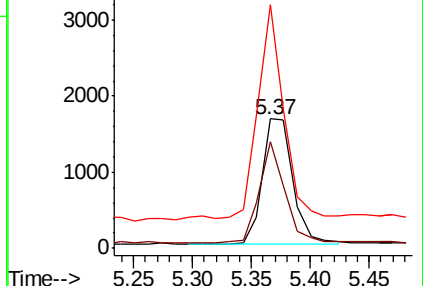
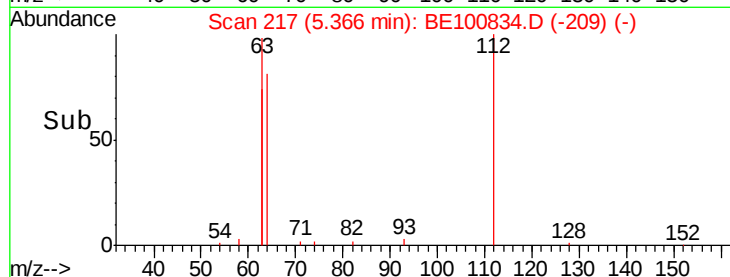
63 138.8 113.2 169.8



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: 0.137 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

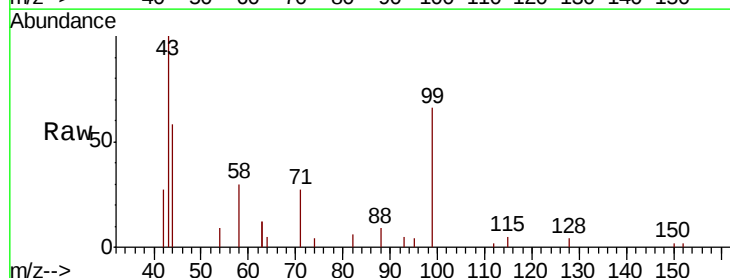
Tgt Ion: 99 Resp: 2832

Ion Ratio Lower Upper

99 100

42 30.5 19.1 28.7#

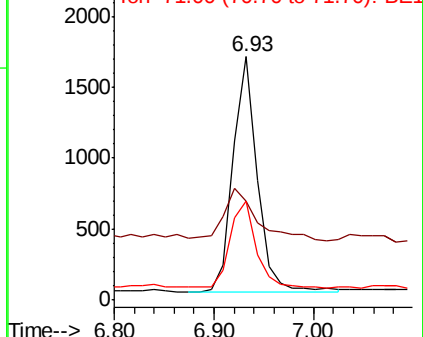
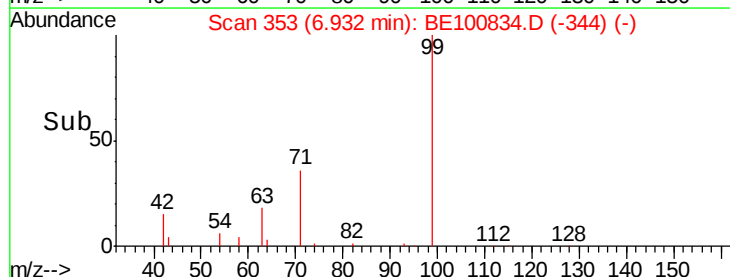
71 39.4 27.7 41.5

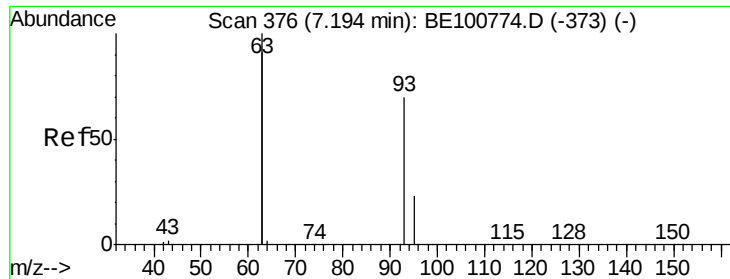


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.19 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

Instrument :

BNA_E

ClientSampleId :

RE103D3-20191204

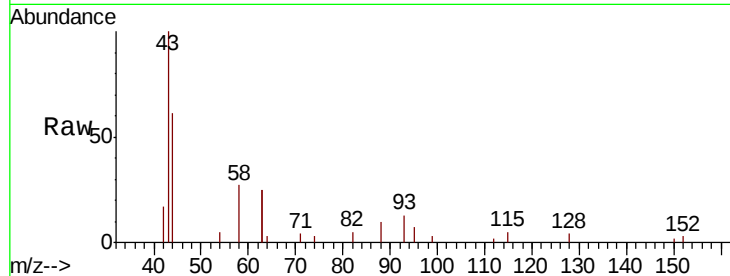
Tot Ion: 93 Resp: 470

Ion Ratio Lower Upper

93 100

63 292.3 259.4 389.0

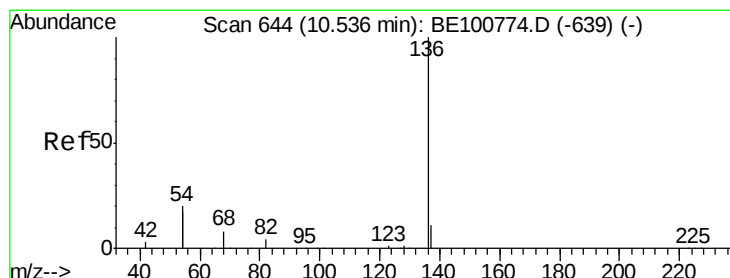
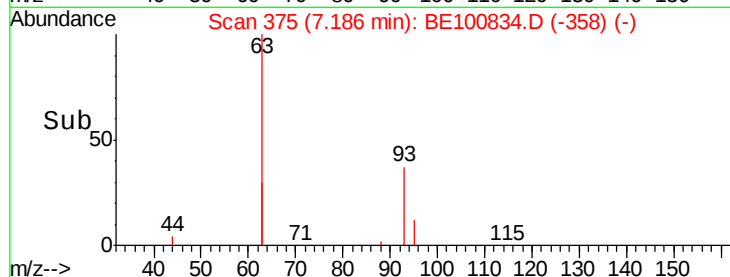
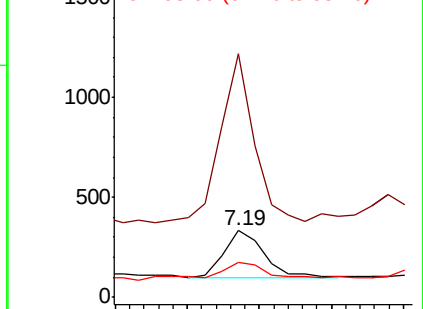
95 56.6 26.2 39.2#



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: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

Tgt Ion:136 Resp: 26800

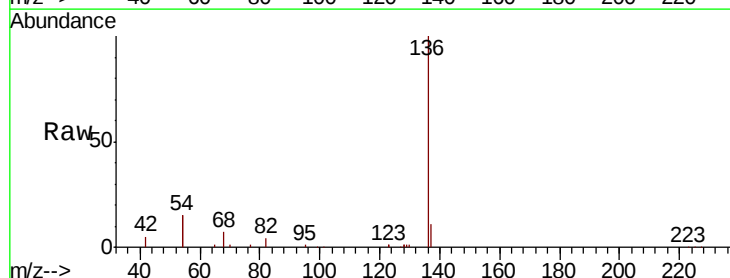
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 29.6 31.1 46.7#

68 6.9 6.6 10.0

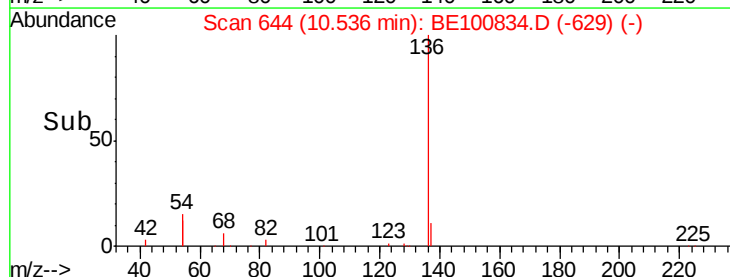
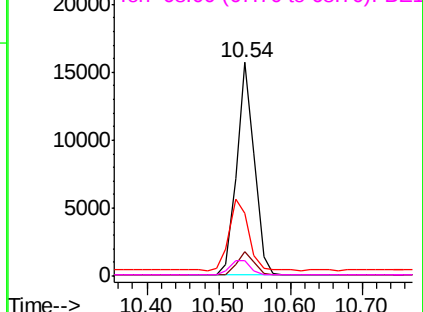


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.545 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

Instrument :

BNA_E

ClientSampleId :

RE103D3-20191204

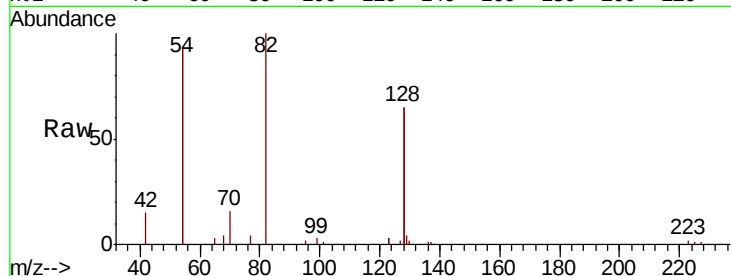
Tot Ion: 82 Resp: 6955

Ion Ratio Lower Upper

82 100

128 129.8 97.0 145.4

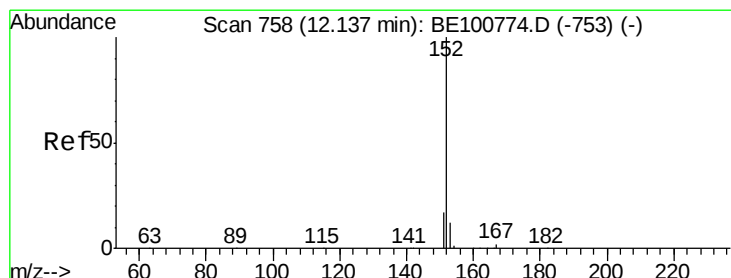
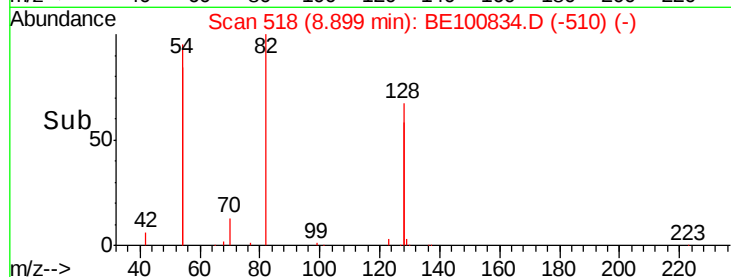
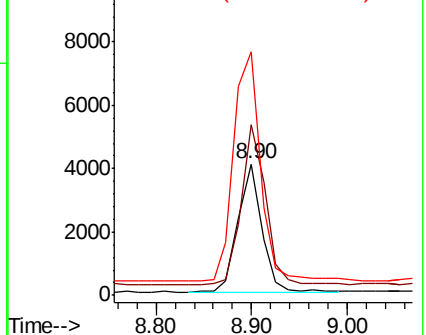
54 185.7 171.8 257.6



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: 0.434 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100834.D

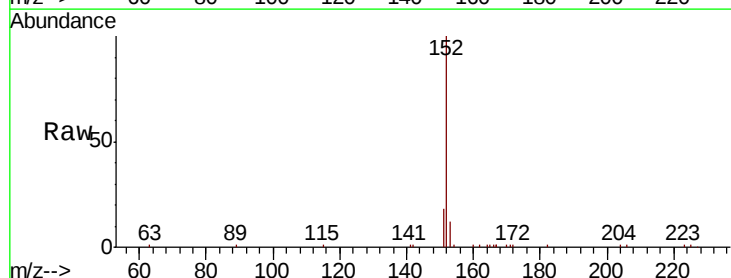
Acq: 11 Dec 2019 6:03

Tgt Ion: 152 Resp: 16870

Ion Ratio Lower Upper

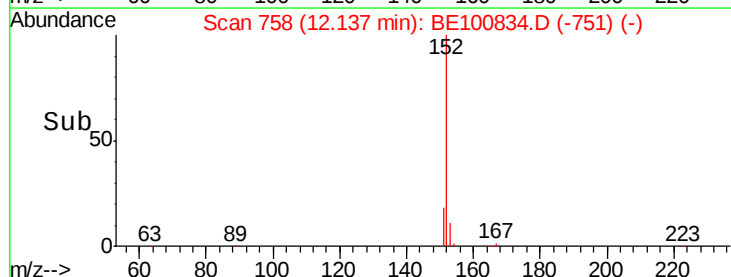
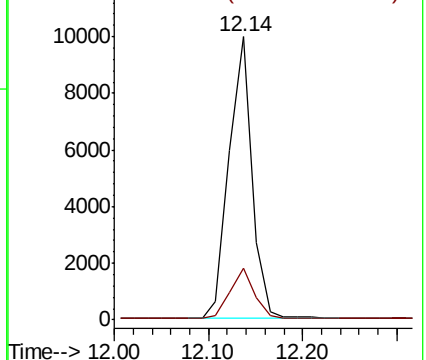
152 100

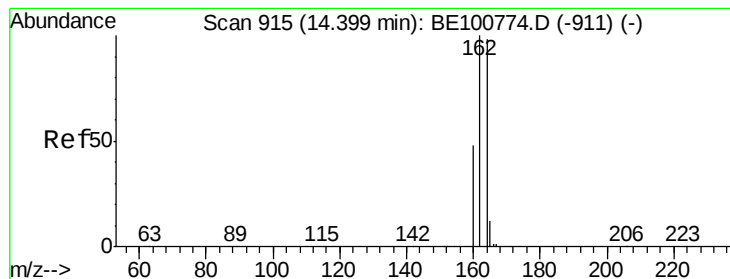
151 18.7 15.8 23.8



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: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

Instrument :

BNA_E

ClientSampleId :

RE103D3-20191204

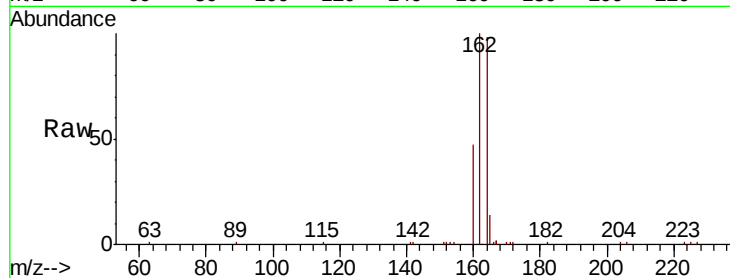
Tot Ion:164 Resp: 15099

Ion Ratio Lower Upper

164 100

162 102.0 81.4 122.0

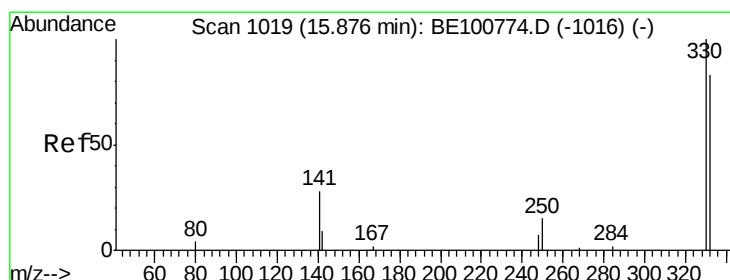
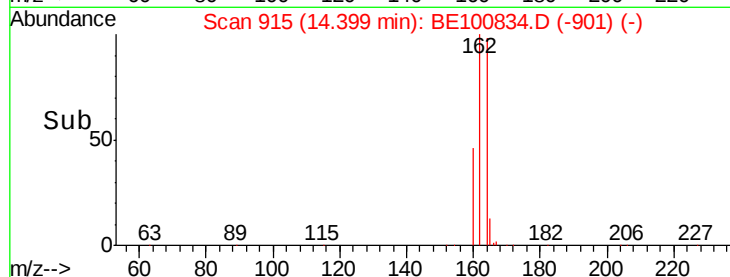
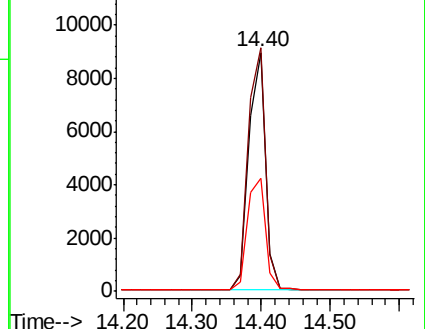
160 47.5 39.4 59.0



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: 0.690 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

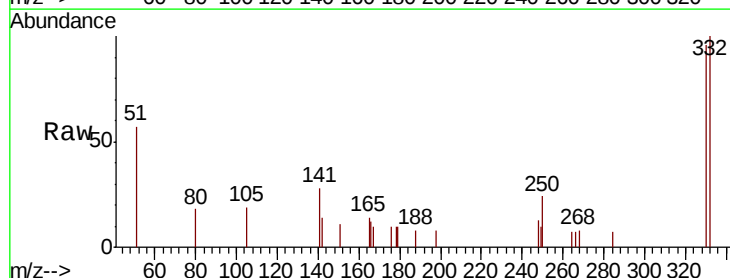
Tgt Ion:330 Resp: 1159

Ion Ratio Lower Upper

330 100

332 100.6 69.4 104.2

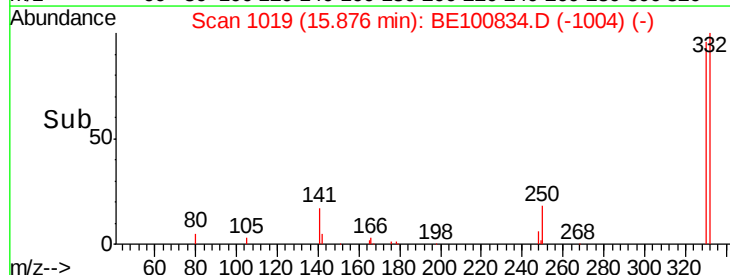
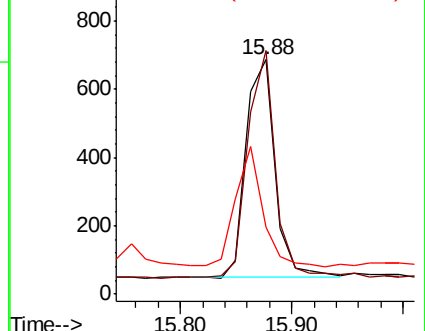
141 50.1 51.1 76.7#

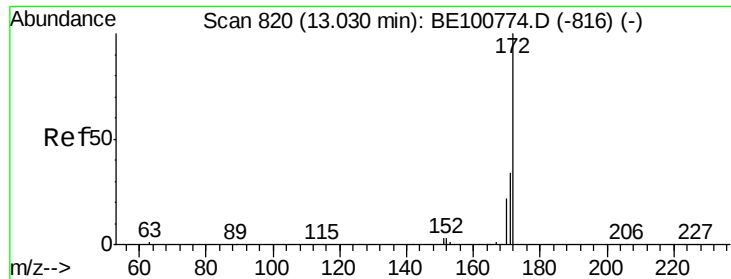


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

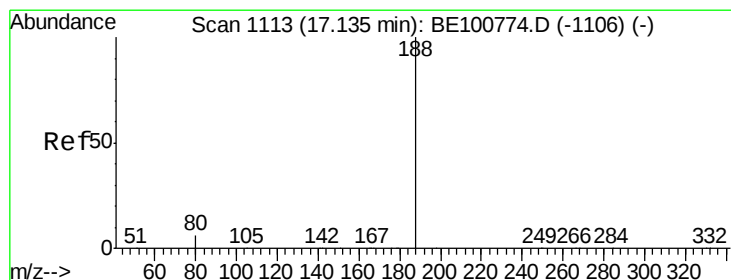
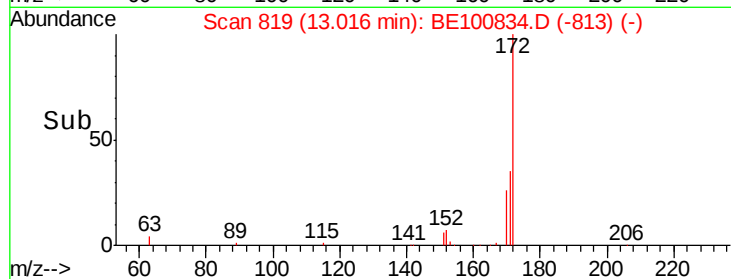
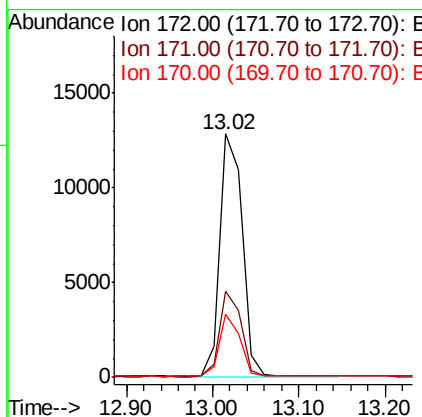
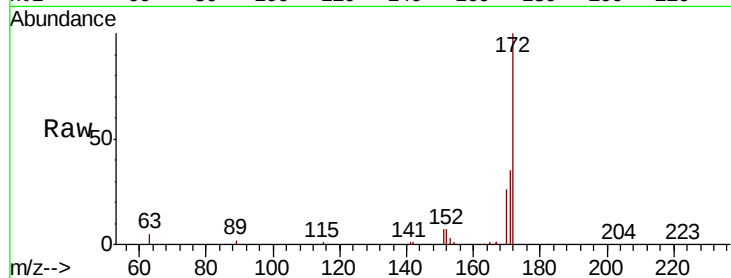




#15
 2-Fluorobiphenyl
 Concen: 0.386 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100834.D
 Acq: 11 Dec 2019 6:03

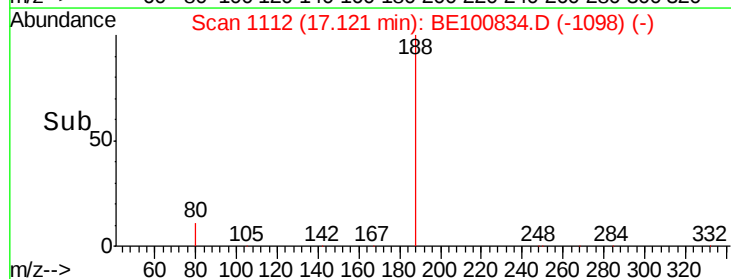
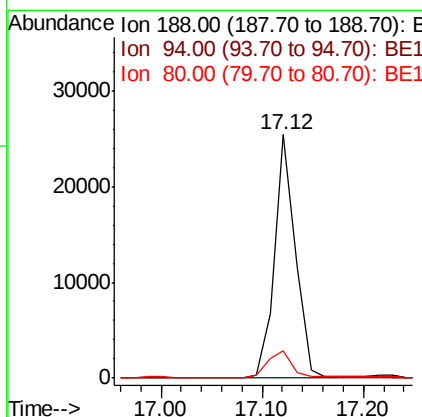
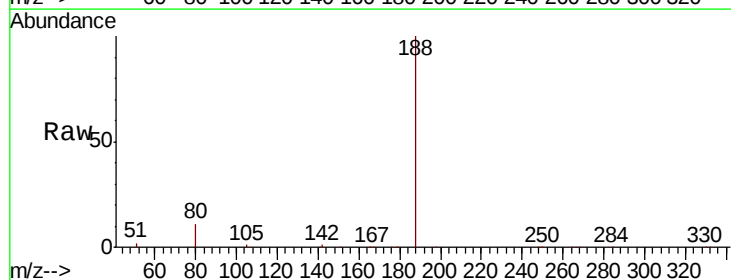
Instrument :
 BNA_E
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 RE103D3-20191204

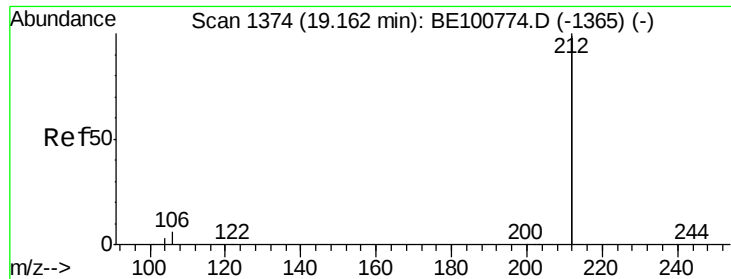
Tot Ion:172 Resp: 23135
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.2 40.8
 170 26.1 18.0 27.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.12 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BE100834.D
 Acq: 11 Dec 2019 6:03

Tgt Ion:188 Resp: 36004
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 11.2 5.2 7.8#





#25

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

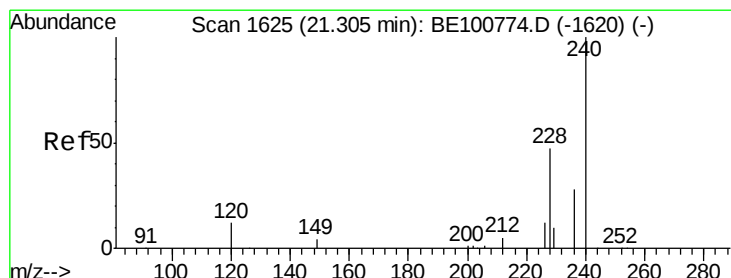
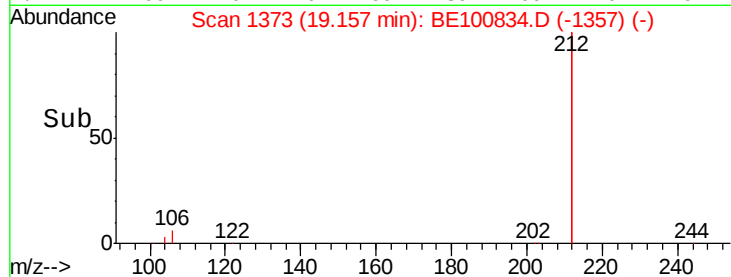
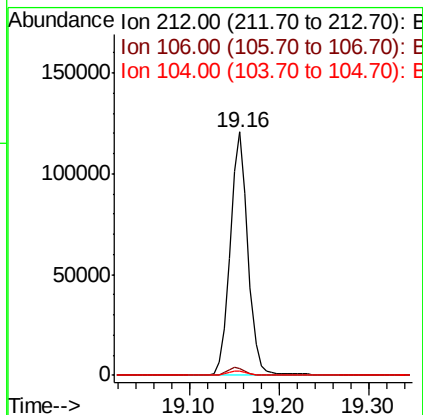
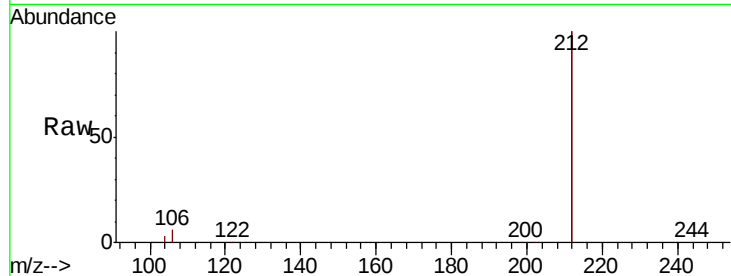
Instrument :

BNA_E

ClientSampleId :

RE103D3-20191204

Tot Ion:212	Resp:	161955
Ion Ratio	Lower	Upper
212	100	
106	3.3	2.6 3.8
104	1.8	1.4 2.2



#27

Chrysene-d12

Concen: 0.400 ng

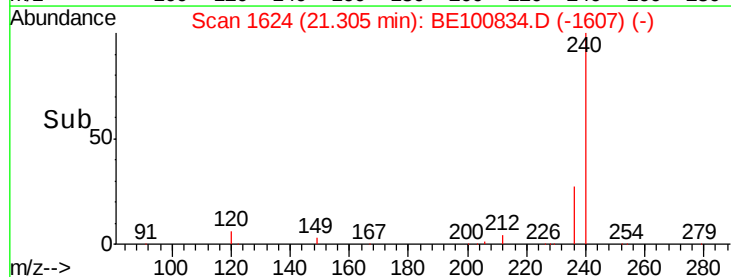
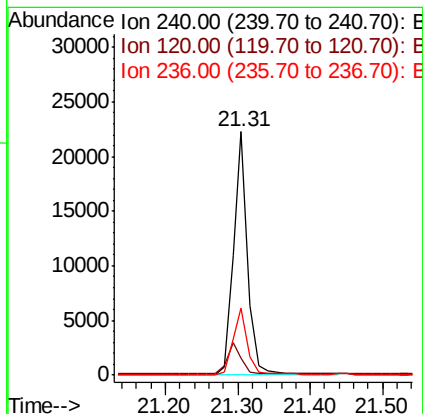
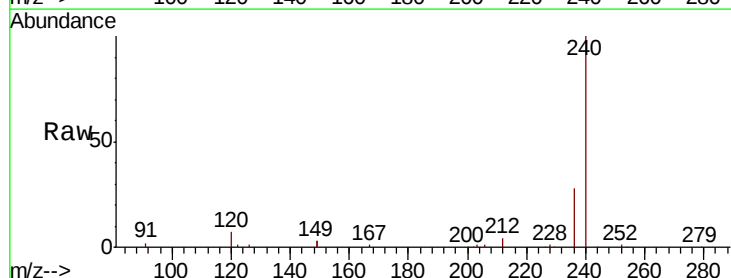
RT: 21.31 min Scan# 1624

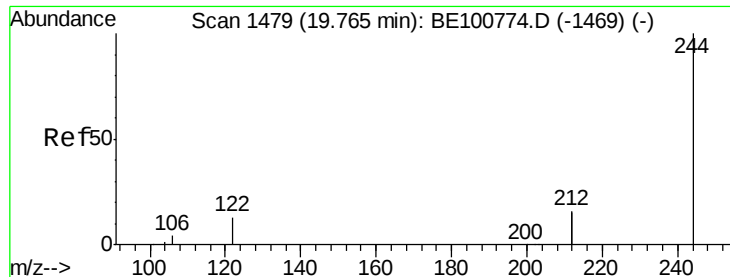
Delta R.T. -0.00 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

Tgt Ion:240	Resp:	30329
Ion Ratio	Lower	Upper
240	100	
120	7.0	10.2 15.2#
236	27.6	22.3 33.5





#29

Terphenyl-d14

Concen: 0.431 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

Instrument :

BNA_E

ClientSampleId :

RE103D3-20191204

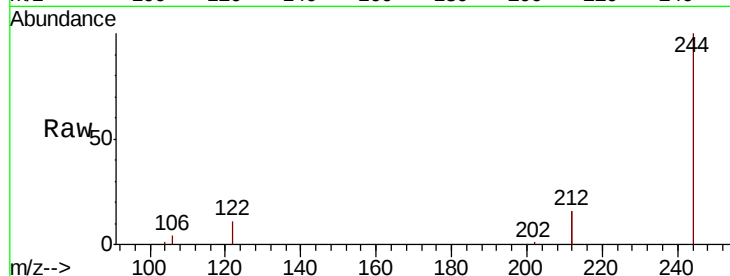
Tot Ion:244 Resp: 31336

Ion Ratio Lower Upper

244 100

212 31.8 26.2 39.4

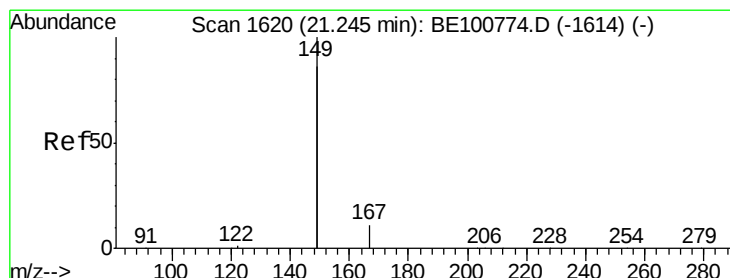
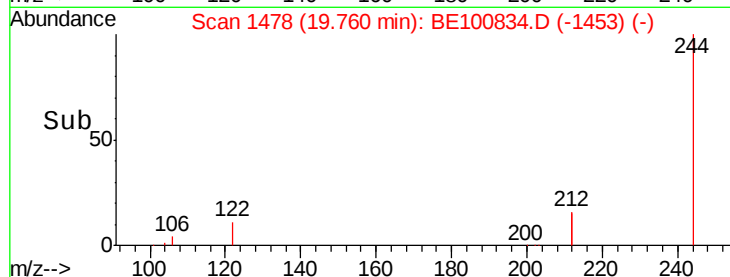
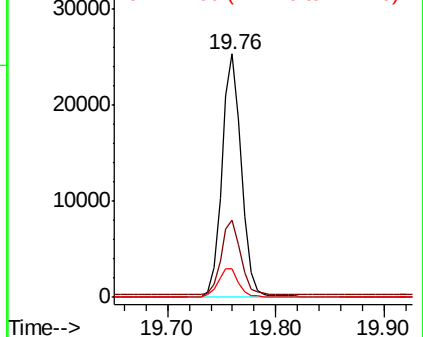
122 11.5 10.2 15.4



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: 0.059 ng

RT: 21.23 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

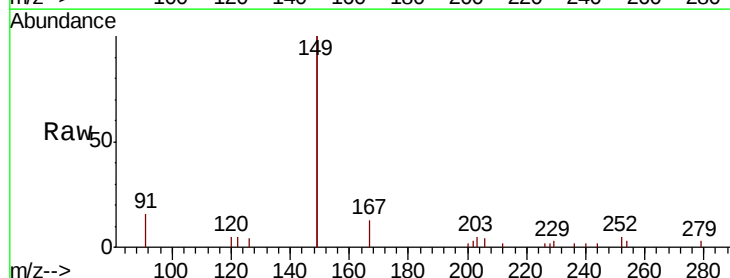
Tgt Ion:149 Resp: 7160

Ion Ratio Lower Upper

149 100

167 6.8 5.0 7.6

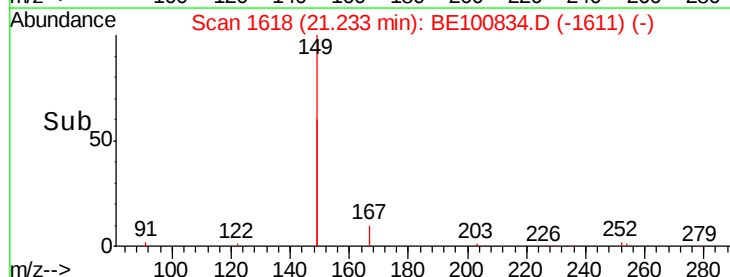
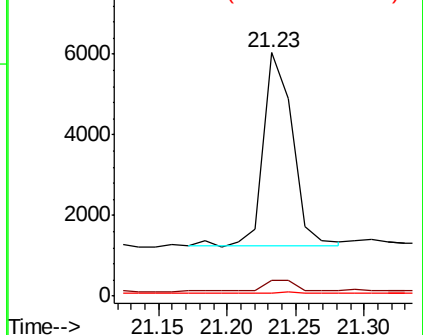
279 1.1 0.7 1.1#

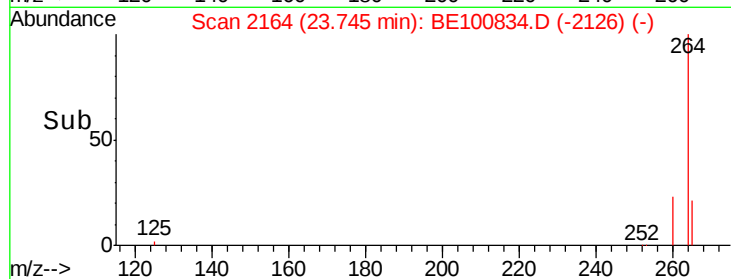
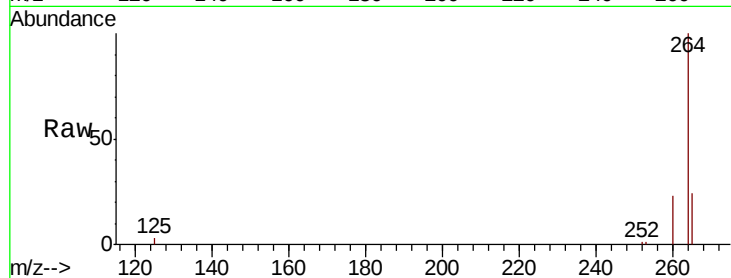


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.74 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BE100834.D

Acq: 11 Dec 2019 6:03

Instrument :

BNA_E

ClientSampleId :

RE103D3-20191204

Tot Ion:264 Resp: 34968

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 24.3 21.8 32.8

