

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100911.D
 Acq On : 14 Dec 2019 6:52
 Operator : JU
 Sample : K6251-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE132D1-20191209

Quant Time: Dec 16 00:30:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

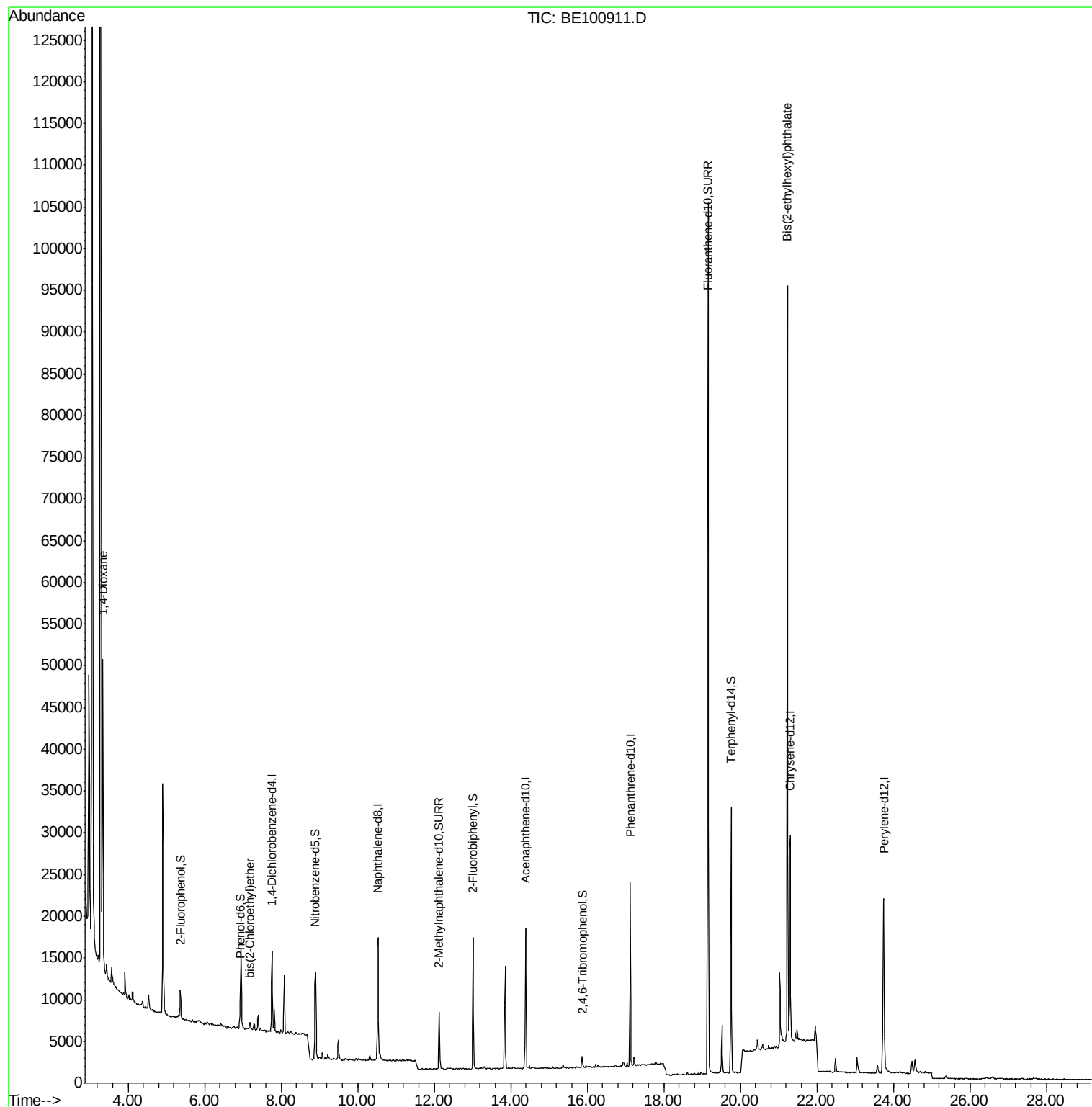
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4119	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	18199	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	10432	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	28139	0.40	ng	0.00
27) Chrysene-d12	21.31	240	28483	0.40	ng	0.00
34) Perylene-d12	23.75	264	32294	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1727	0.18	ng	-0.01
5) Phenol-d6	6.93	99	1609	0.11	ng	0.00
8) Nitrobenzene-d5	8.90	82	4693	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	10199	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	813	0.70	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	13722	0.33	ng	0.00
25) Fluoranthene-d10	19.16	212	135569	0.41	ng	0.00
29) Terphenyl-d14	19.76	244	25830	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	21077	2.807	ng	# 79
6) bis(2-Chloroethyl)ether	7.18	93	397	0.028	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.23	149	90882	1.308	ng	99

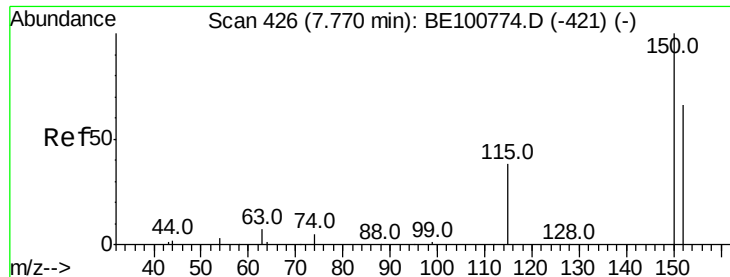
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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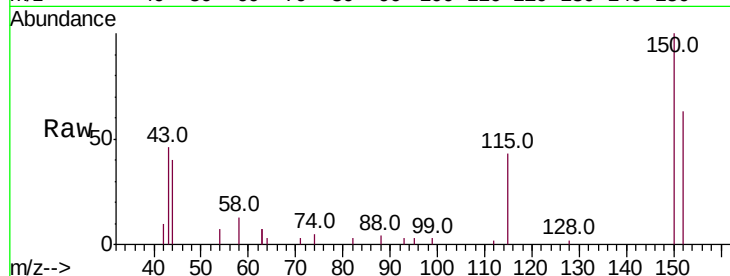


#1

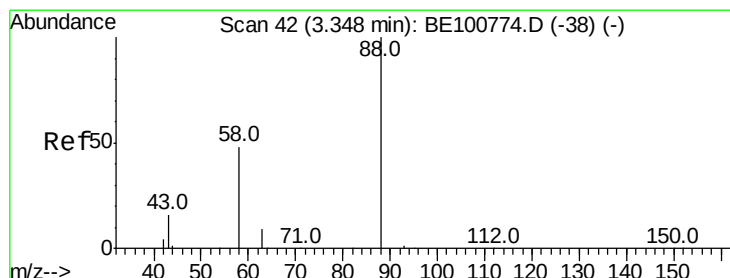
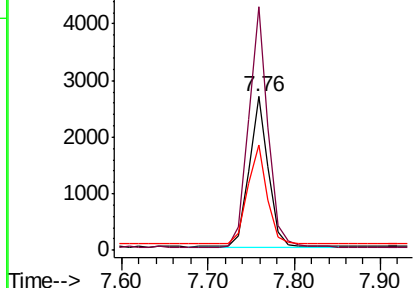
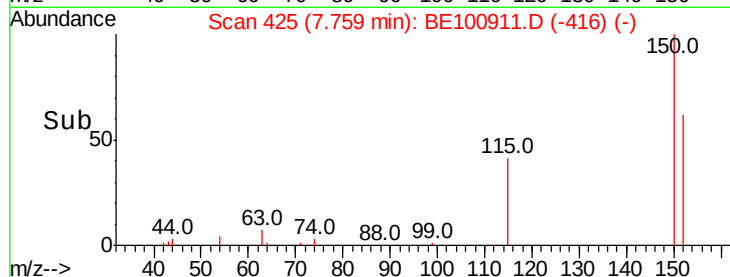
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100911.D
Acq: 14 Dec 2019 6:52

Instrument :
BNA_E
ClientSampleId :
RE132D1-20191209

Tot Ion:152 Resp: 4119
Ion Ratio Lower Upper
152 100
150 158.3 125.5 188.3
115 68.6 55.7 83.5



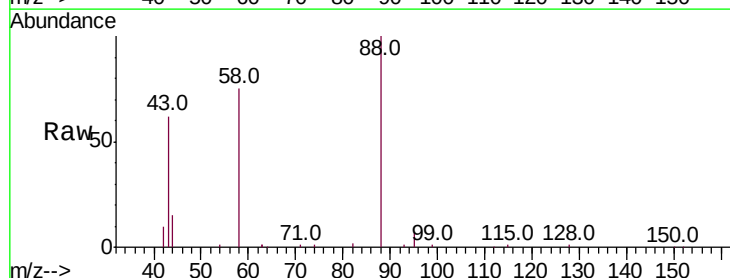
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



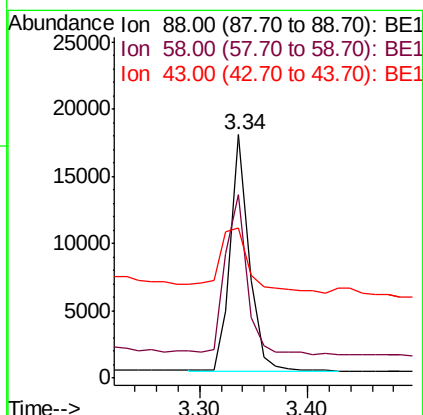
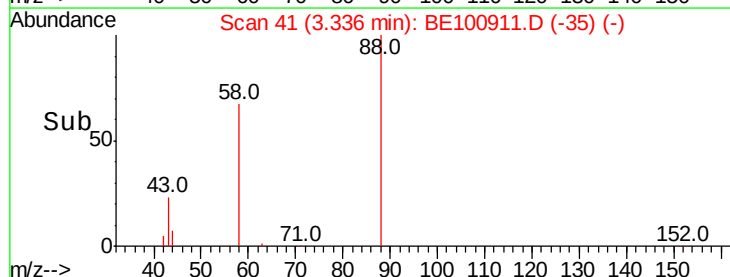
#2

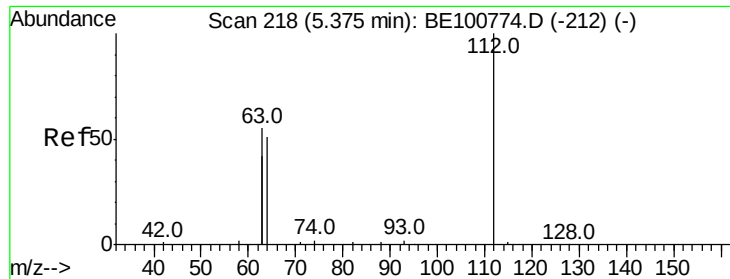
1,4-Dioxane
Concen: 2.807 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100911.D
Acq: 14 Dec 2019 6:52

Tgt Ion: 88 Resp: 21077
Ion Ratio Lower Upper
88 100
58 78.6 52.3 78.5#
43 45.6 23.5 35.3#



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: 0.177 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100911.D

Acq: 14 Dec 2019 6:52

Instrument :

BNA_E

ClientSampleId :

RE132D1-20191209

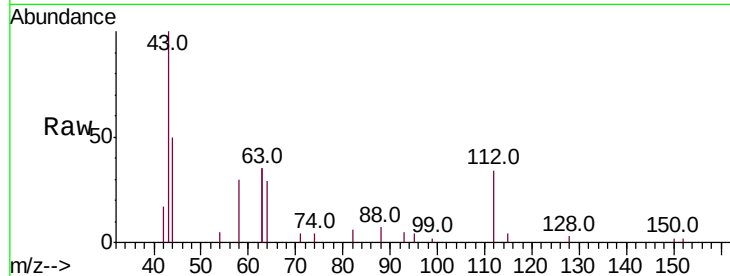
Tot Ion:112 Resp: 1727

Ion Ratio Lower Upper

112 100

64 68.2 54.5 81.7

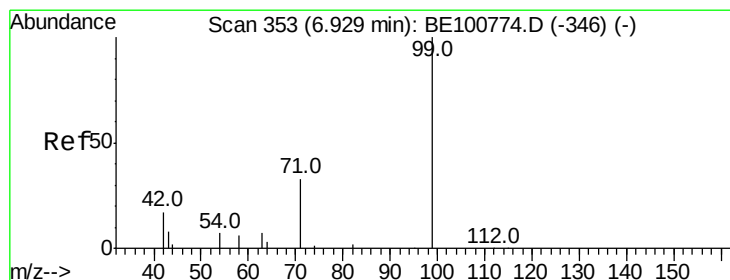
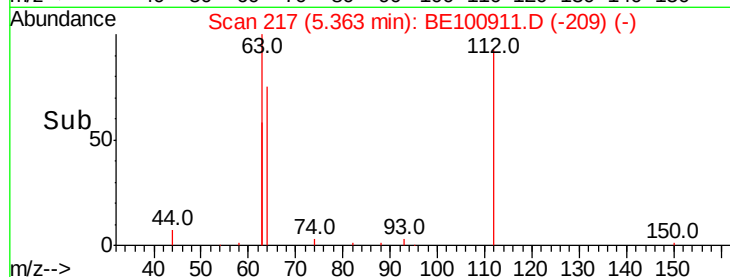
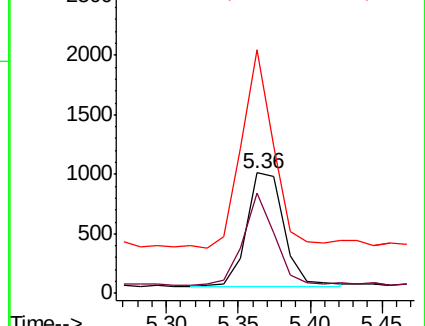
63 146.1 116.1 174.1



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: 0.109 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100911.D

Acq: 14 Dec 2019 6:52

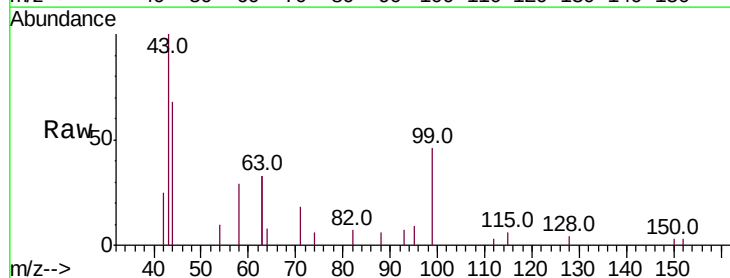
Tgt Ion: 99 Resp: 1609

Ion Ratio Lower Upper

99 100

42 55.7 18.2 27.2#

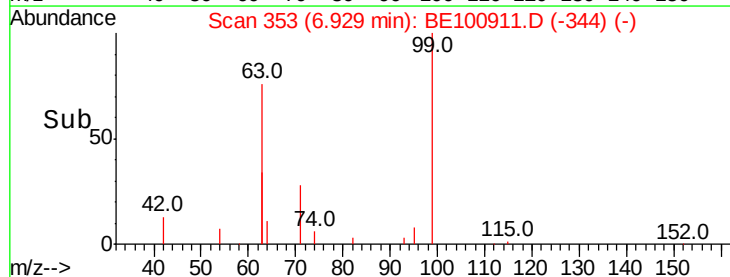
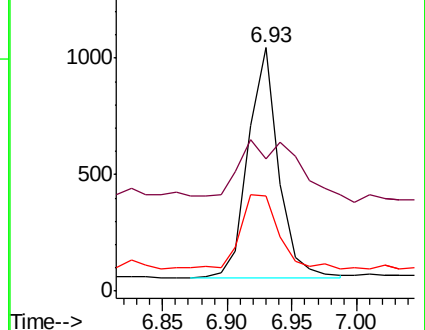
71 42.0 29.1 43.7

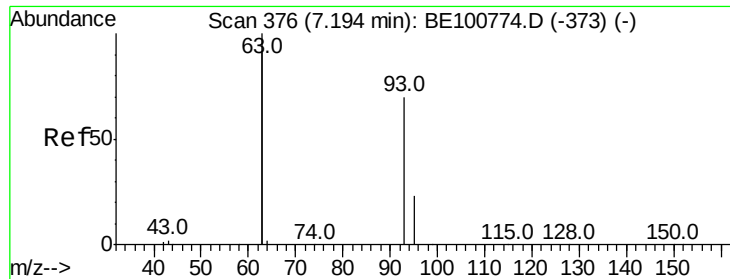


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.028 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100911.D

Acq: 14 Dec 2019 6:52

Instrument :

BNA_E

ClientSampleId :

RE132D1-20191209

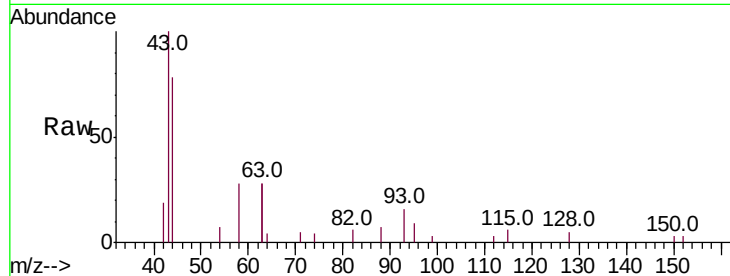
Tot Ion: 93 Resp: 397

Ion Ratio Lower Upper

93 100

63 328.0 253.9 380.9

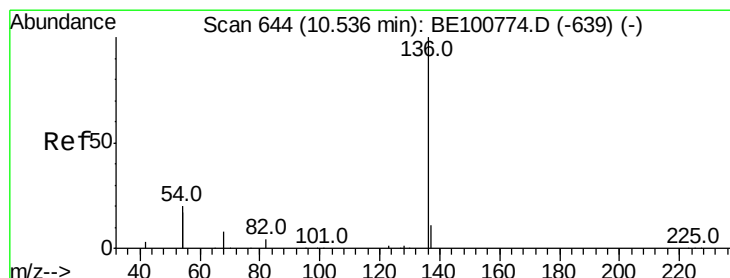
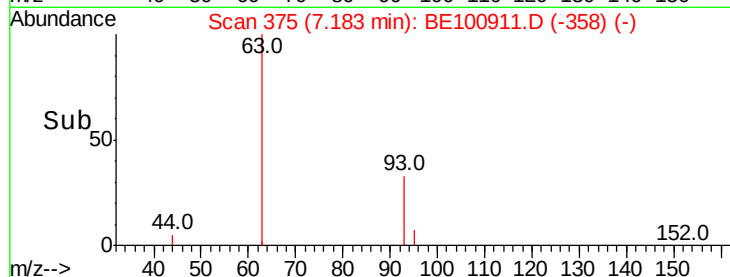
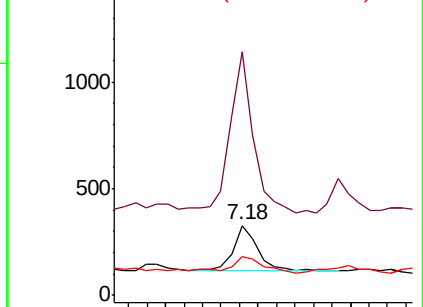
95 46.6 25.0 37.6#



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: BE100911.D

Acq: 14 Dec 2019 6:52

Tgt Ion: 136 Resp: 18199

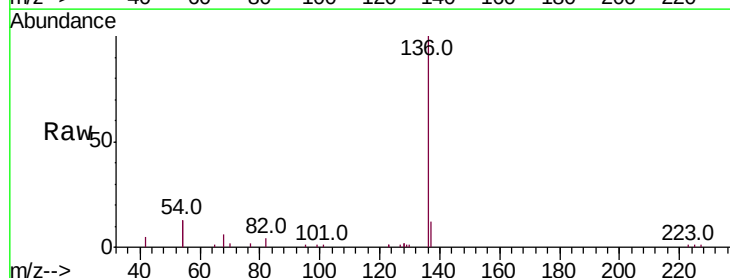
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 25.2 18.9 28.3

68 5.9 4.6 6.8

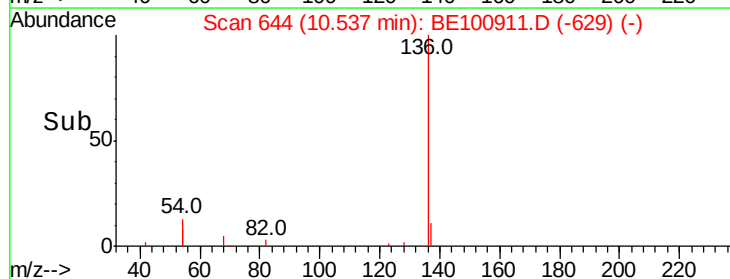
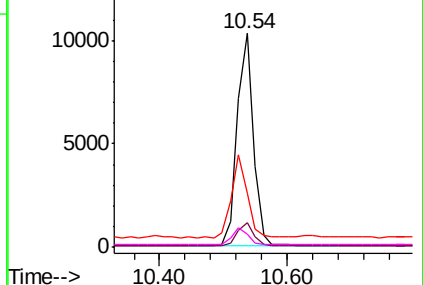


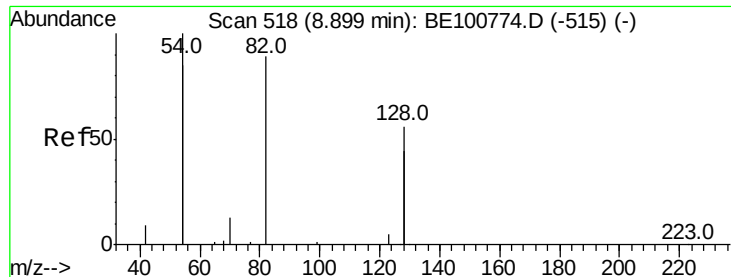
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.542 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100911.D

Acq: 14 Dec 2019 6:52

Instrument :

BNA_E

ClientSampleId :

RE132D1-20191209

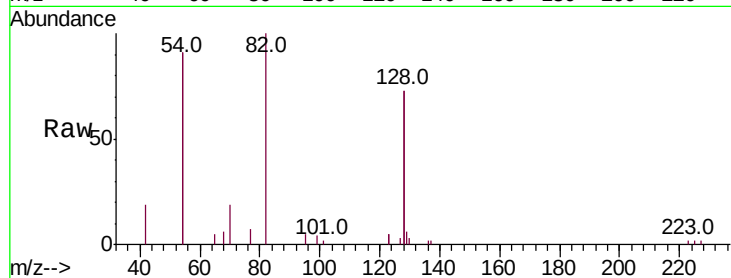
Tot Ion: 82 Resp: 4693

Ion Ratio Lower Upper

82 100

128 146.5 113.5 170.3

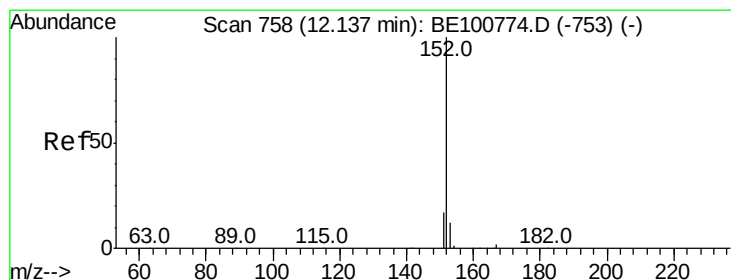
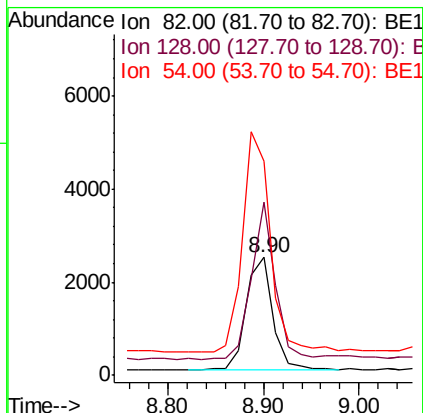
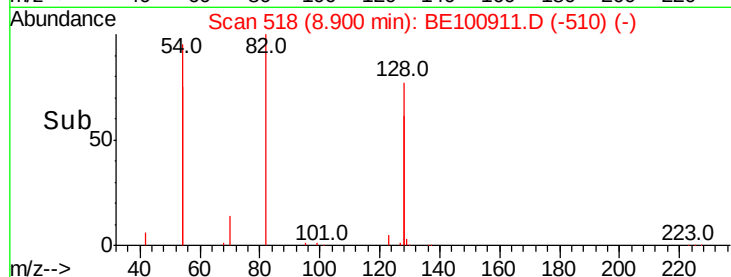
54 181.9 138.9 208.3



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: 0.387 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100911.D

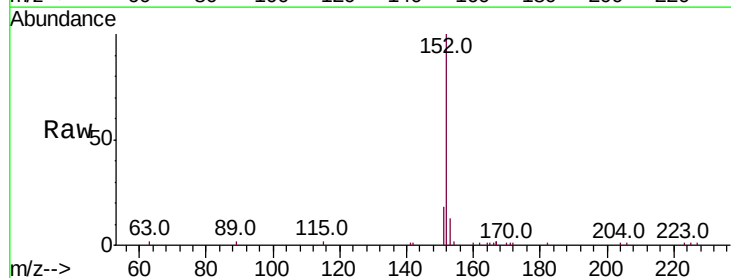
Acq: 14 Dec 2019 6:52

Tgt Ion: 152 Resp: 10199

Ion Ratio Lower Upper

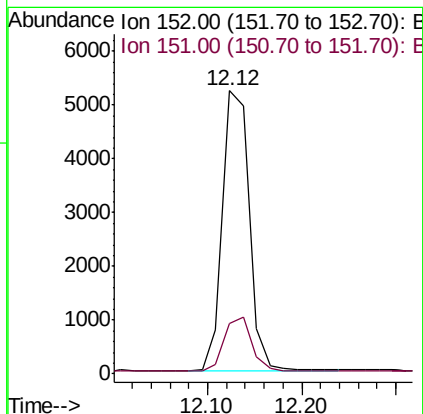
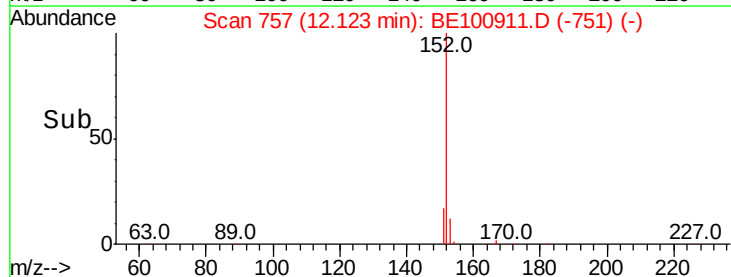
152 100

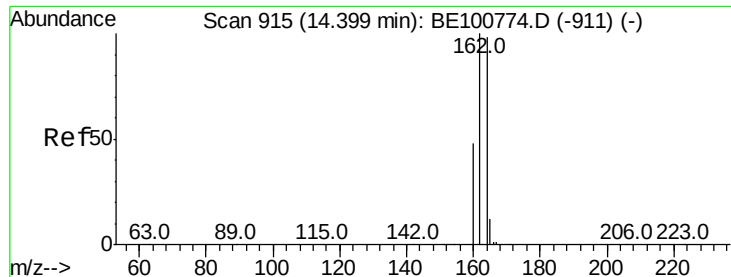
151 19.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

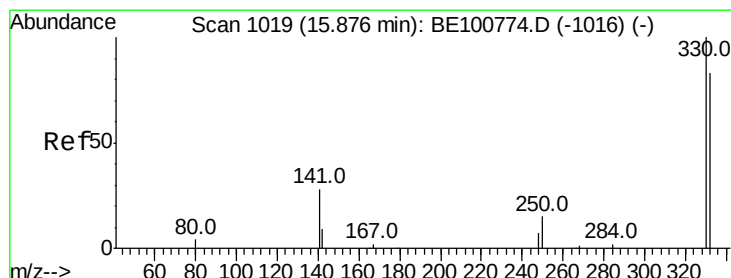
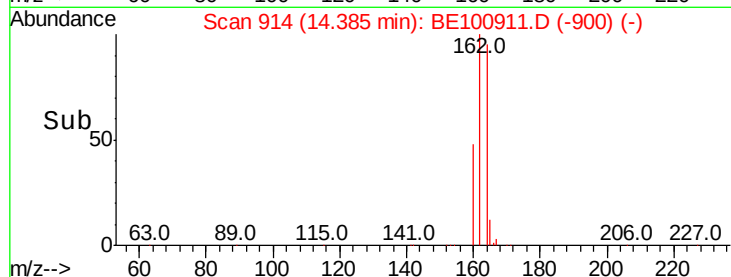
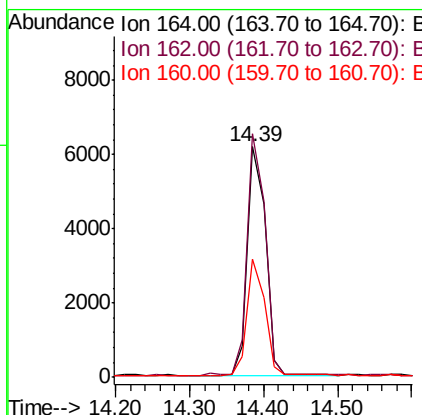
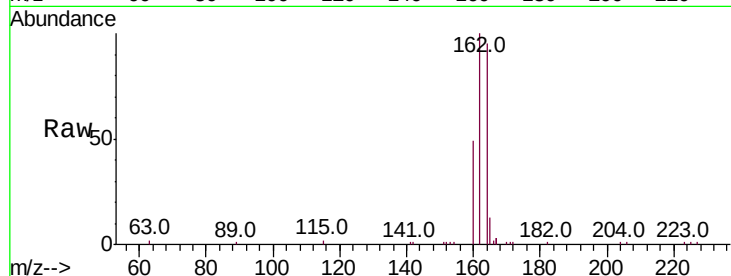




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100911.D
Acq: 14 Dec 2019 6:52

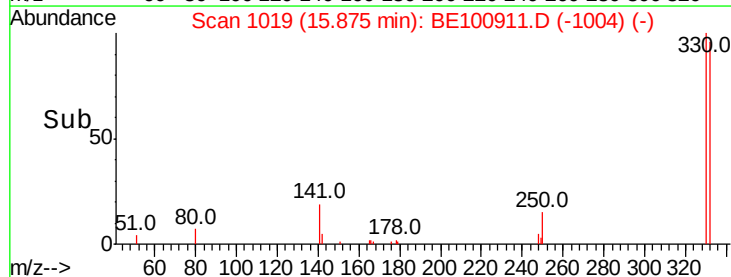
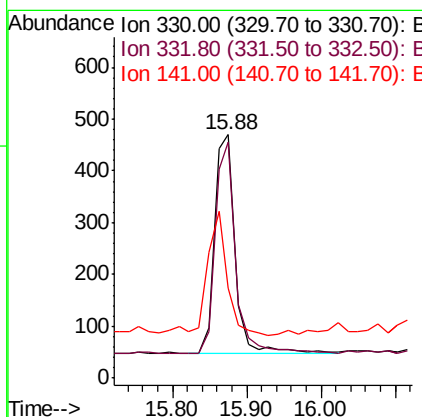
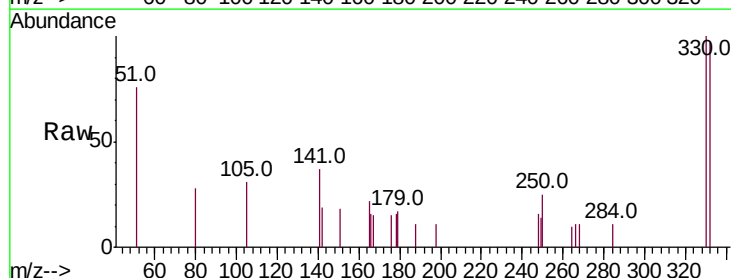
Instrument :
BNA_E
ClientSampleId :
RE132D1-20191209

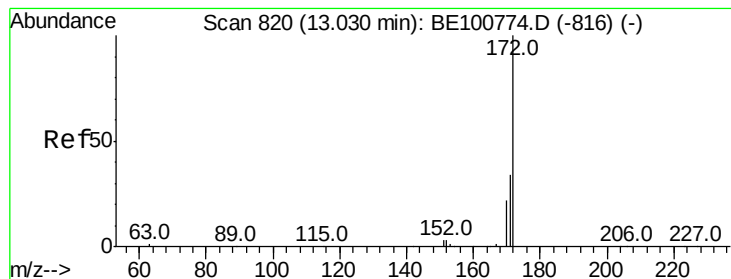
Tot Ion:164 Resp: 10432
Ion Ratio Lower Upper
164 100
162 105.6 86.0 129.0
160 51.4 42.3 63.5



#14
2,4,6-Tribromophenol
Concen: 0.701 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100911.D
Acq: 14 Dec 2019 6:52

Tgt Ion:330 Resp: 813
Ion Ratio Lower Upper
330 100
332 99.0 74.1 111.1
141 56.5 46.7 70.1





#15

2-Fluorobiphenyl

Concen: 0.332 ng

RT: 13.02 min Scan# 819

Delta R.T. 0.00 min

Lab File: BE100911.D

Acq: 14 Dec 2019 6:52

Instrument :

BNA_E

ClientSampleId :

RE132D1-20191209

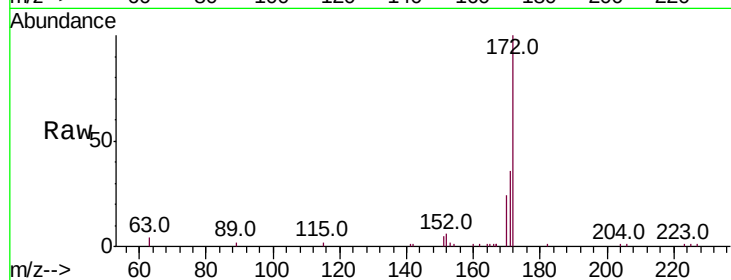
Tot Ion:172 Resp: 13722

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

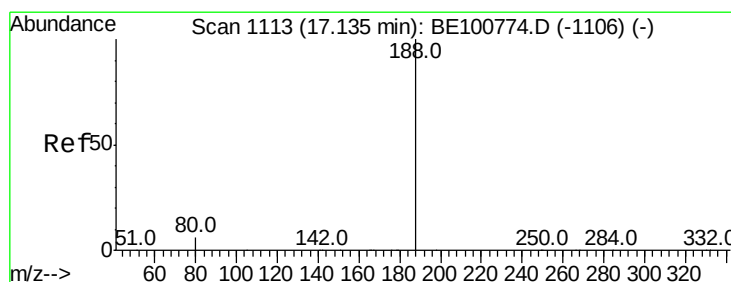
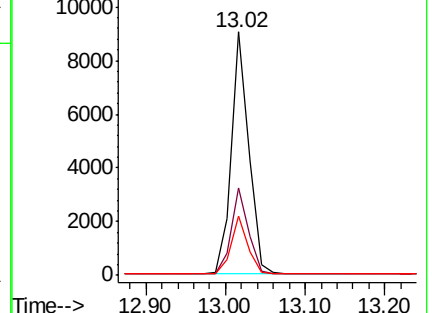
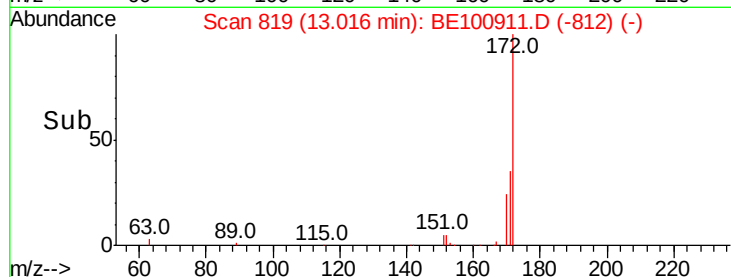
170 24.2 19.4 29.0



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. 0.00 min

Lab File: BE100911.D

Acq: 14 Dec 2019 6:52

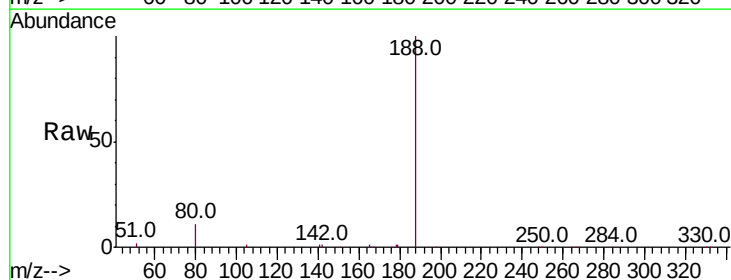
Tgt Ion:188 Resp: 28139

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

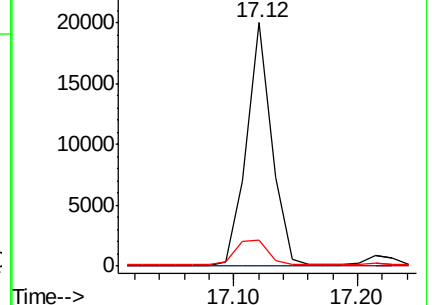
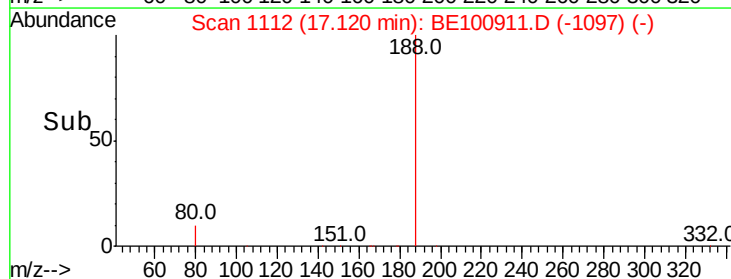
80 10.6 7.9 11.9

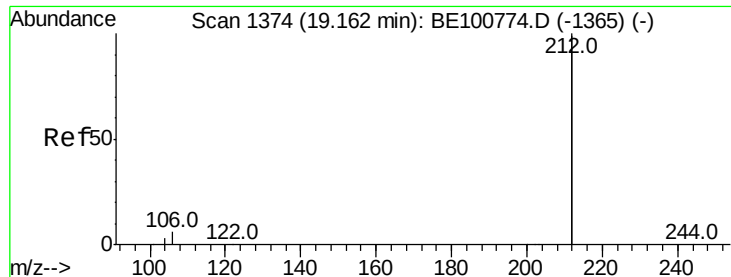


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BE100911.D

Acq: 14 Dec 2019 6:52

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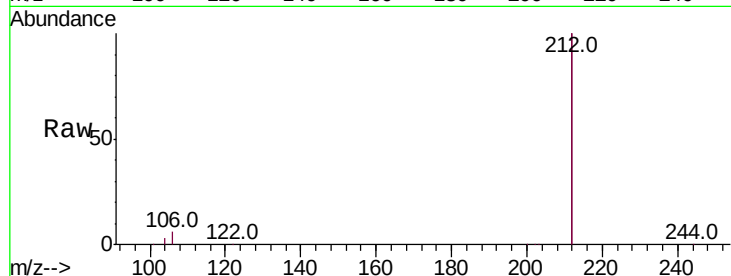
Tot Ion:212 Resp: 135569

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

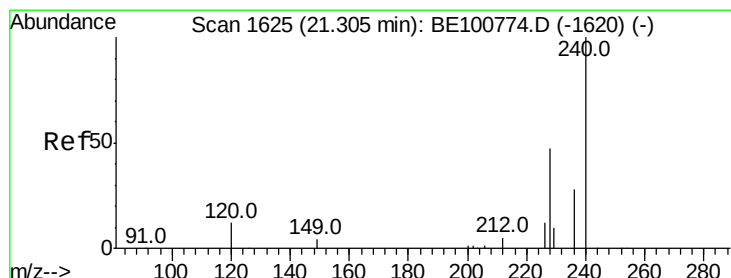
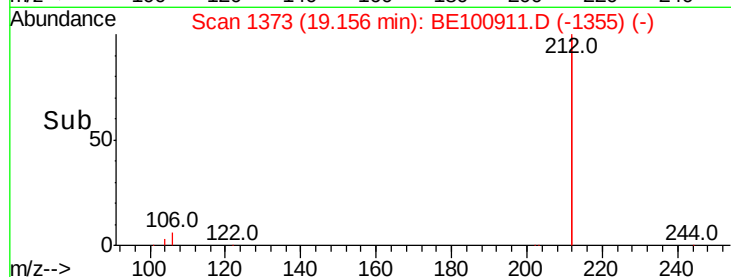
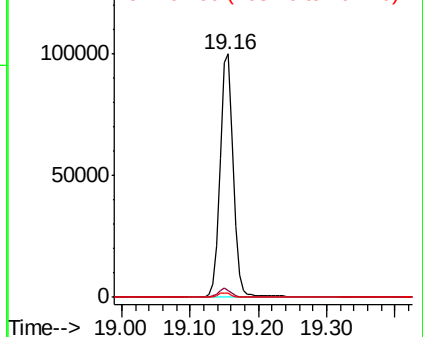
104 1.8 1.4 2.2



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: BE100911.D

Acq: 14 Dec 2019 6:52

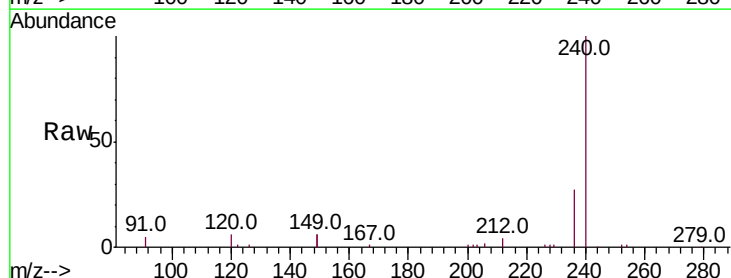
Tgt Ion:240 Resp: 28483

Ion Ratio Lower Upper

240 100

120 6.1 4.0 6.0#

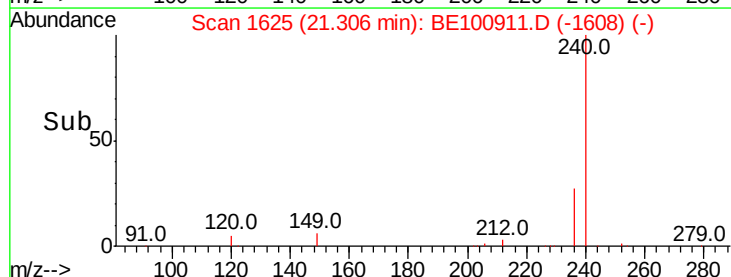
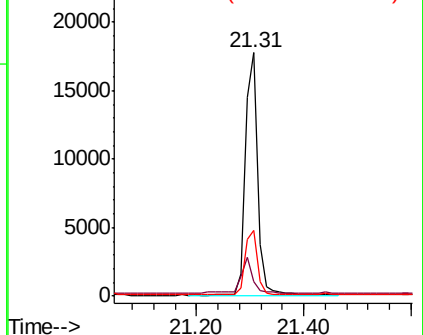
236 27.1 21.6 32.4

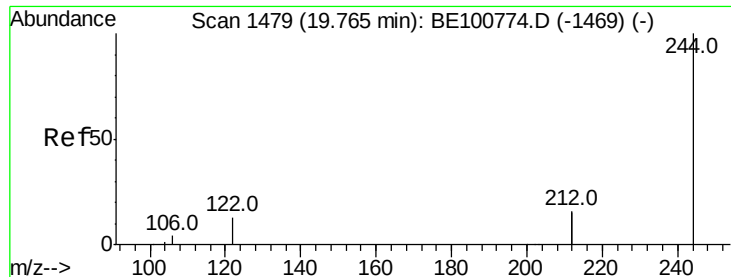


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.379 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100911.D

Acq: 14 Dec 2019 6:52

Instrument :

BNA_E

ClientSampleId :

RE132D1-20191209

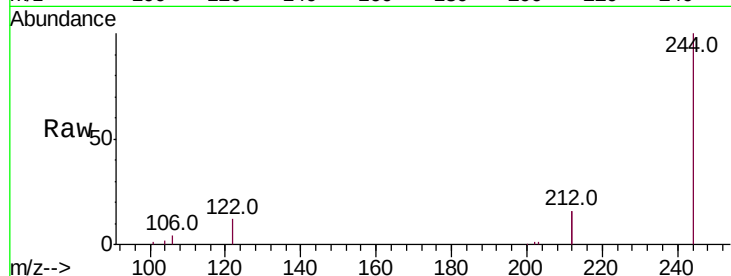
Tot Ion:244 Resp: 25830

Ion Ratio Lower Upper

244 100

212 31.8 25.2 37.8

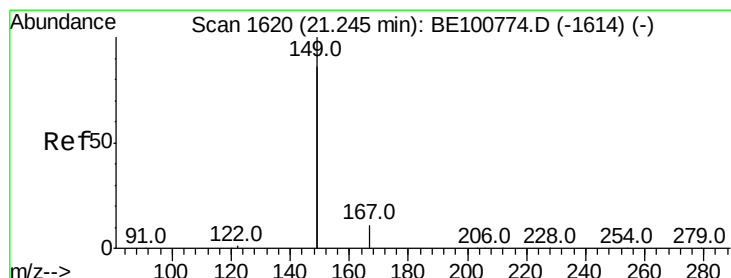
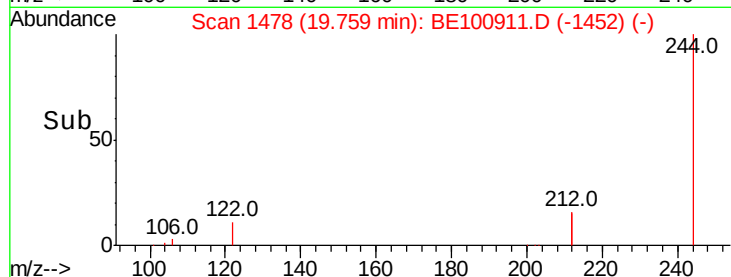
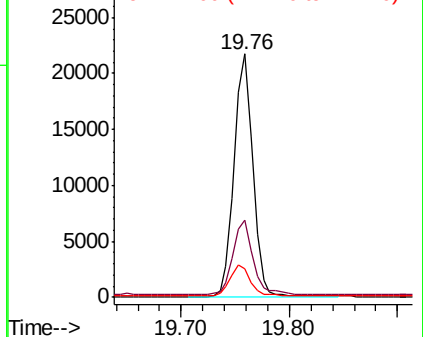
122 11.9 8.9 13.3



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: 1.308 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100911.D

Acq: 14 Dec 2019 6:52

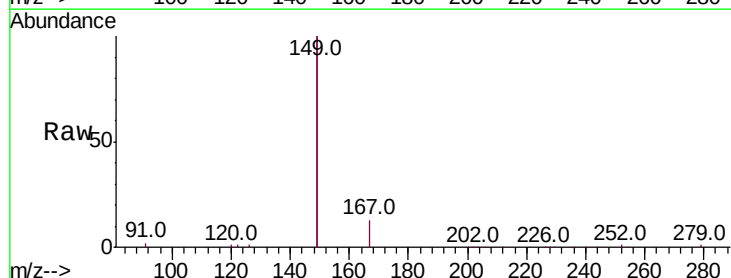
Tgt Ion:149 Resp: 90882

Ion Ratio Lower Upper

149 100

167 6.7 5.0 7.4

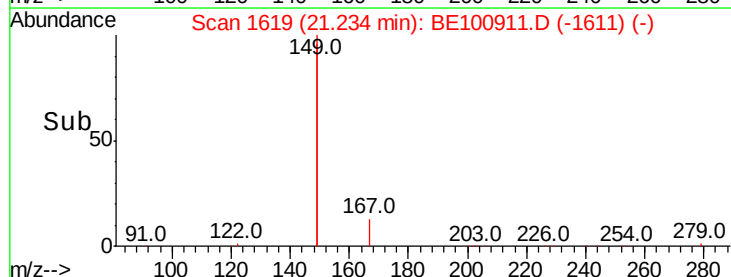
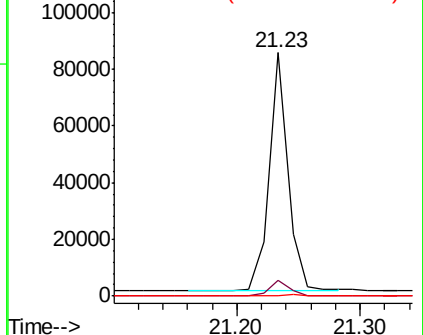
279 0.8 0.6 1.0

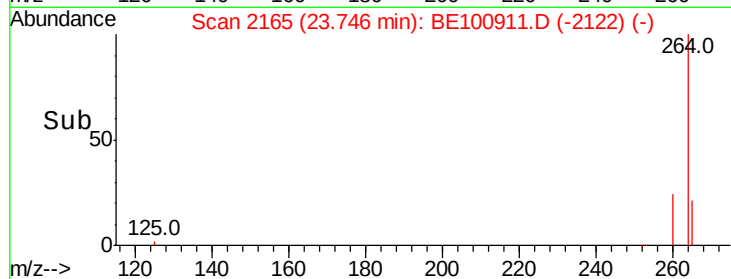
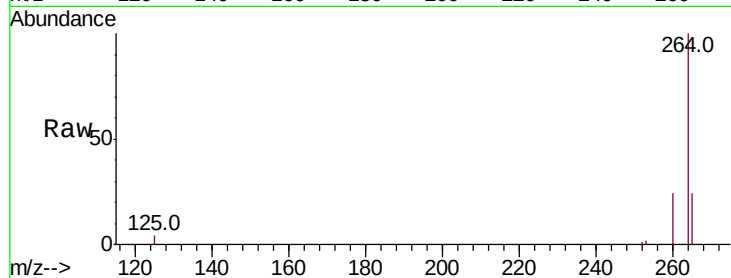
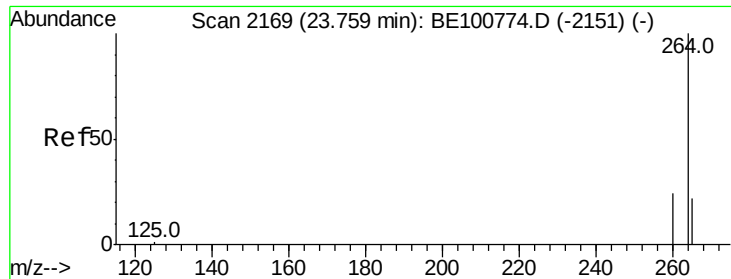


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2165

Delta R.T. 0.00 min

Lab File: BE100911.D

Acq: 14 Dec 2019 6:52

Instrument :

BNA_E

ClientSampleId :

RE132D1-20191209

Tot Ion:264 Resp: 32294

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 23.9 20.1 30.1

