

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100850.D
 Acq On : 11 Dec 2019 17:31
 Operator : JU
 Sample : K6185-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20191205

Quant Time: Dec 12 05:00:44 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

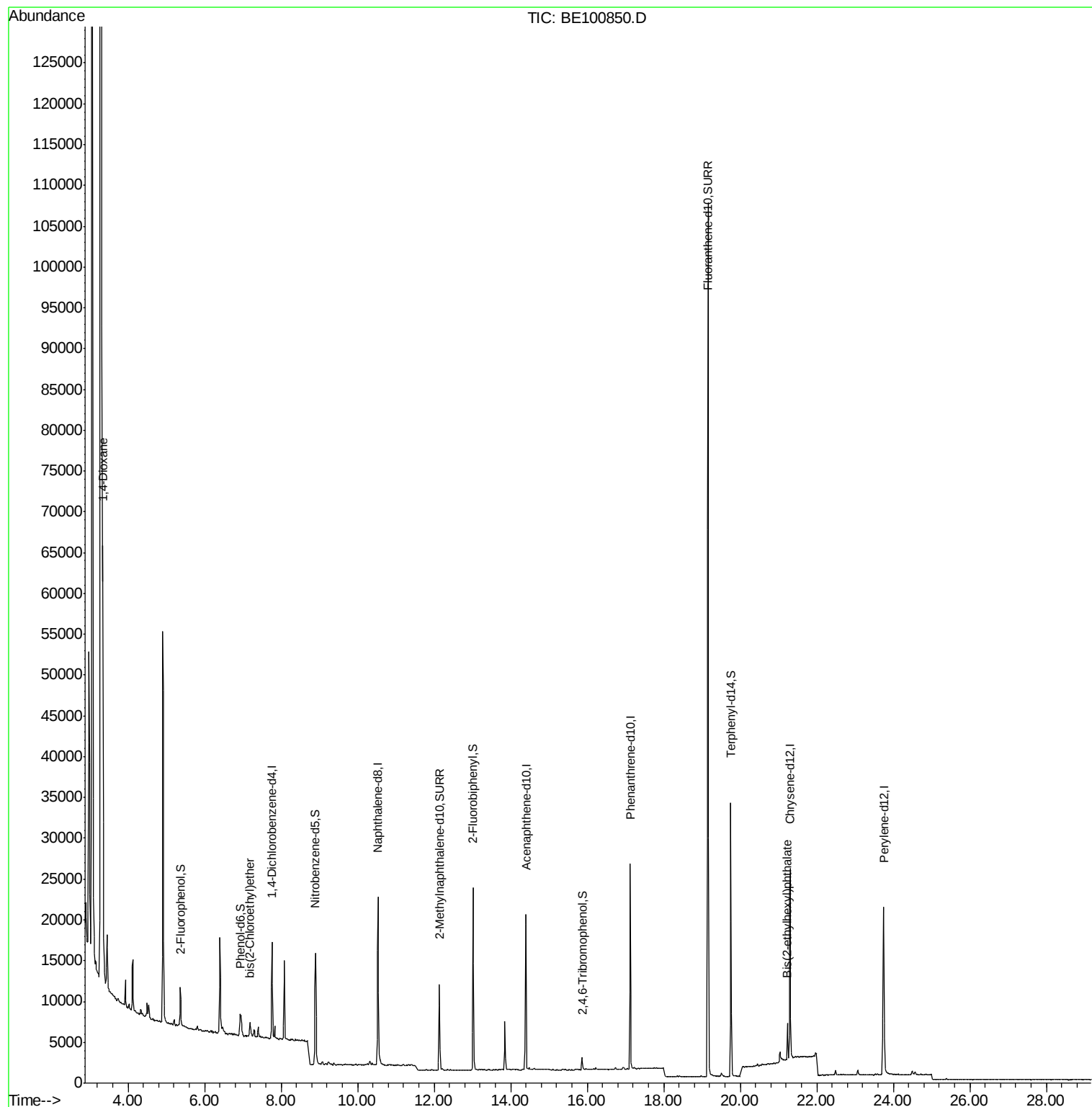
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5161	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23245	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13278	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	32158	0.40	ng	-0.01
27) Chrysene-d12	21.30	240	26464	0.40	ng	0.00
34) Perylene-d12	23.74	264	30569	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2422	0.20	ng	0.00
5) Phenol-d6	6.93	99	2290	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	5668	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14514	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	928	0.63	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	20753	0.39	ng	-0.01
25) Fluoranthene-d10	19.16	212	142081	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	28895	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	23681	2.517	ng	Qvalue # 86
6) bis(2-Chloroethyl)ether	7.18	93	659	0.037	ng	98
32) Bis(2-ethylhexyl)phthalate	21.23	149	5621	0.043	ng	# 98

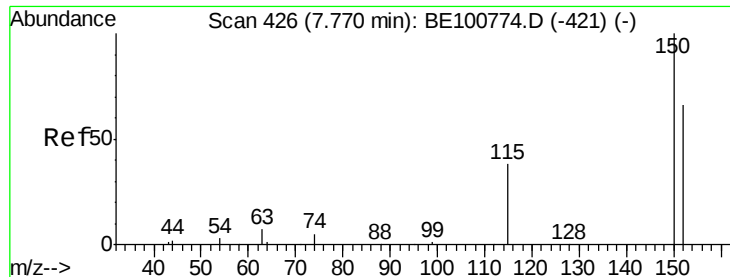
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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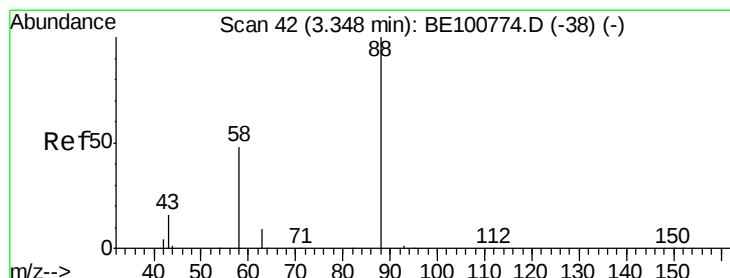
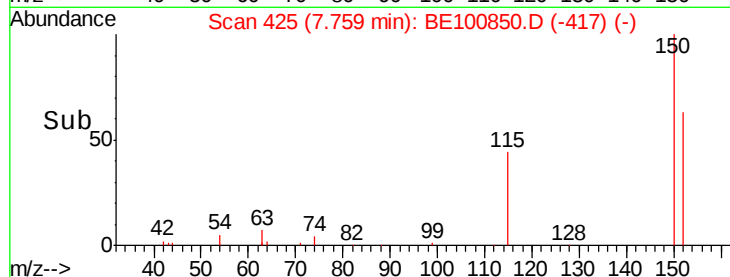
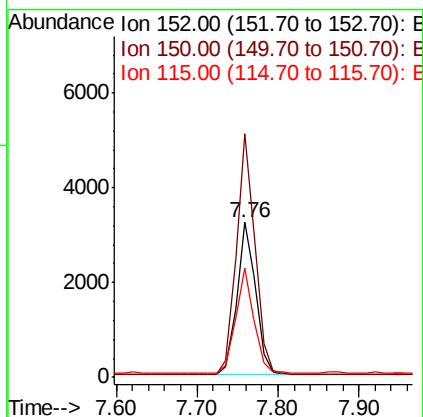
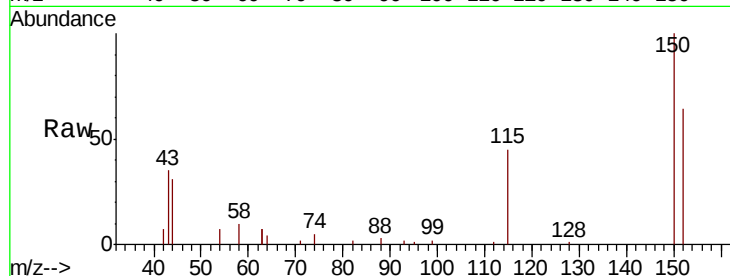


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BE100850.D
 Acq: 11 Dec 2019 17:31

Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20191205

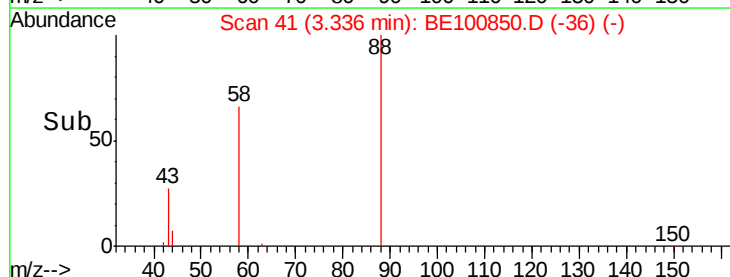
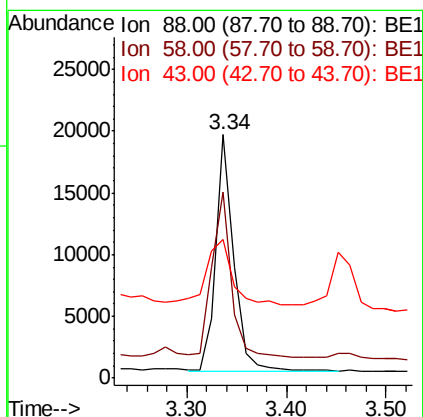
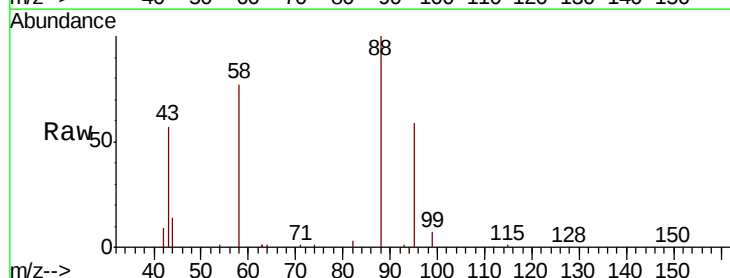
Tot Ion:152 Resp: 5161
 Ion Ratio Lower Upper
 152 100
 150 157.4 120.6 181.0
 115 70.5 47.4 71.2

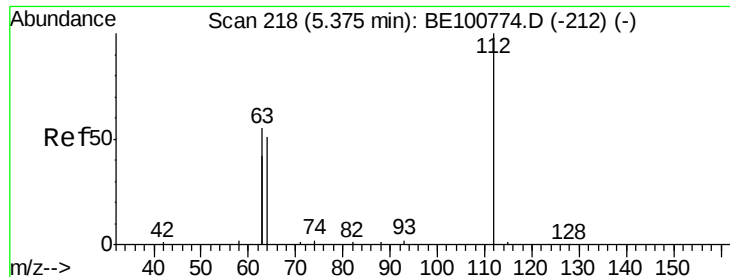


#2

1,4-Dioxane
 Concen: 2.517 ng
 RT: 3.34 min Scan# 41
 Delta R.T. -0.01 min
 Lab File: BE100850.D
 Acq: 11 Dec 2019 17:31

Tgt Ion: 88 Resp: 23681
 Ion Ratio Lower Upper
 88 100
 58 75.2 52.5 78.7
 43 39.0 23.0 34.6#





#4

2-Fluorophenol

Concen: 0.198 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100850.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20191205

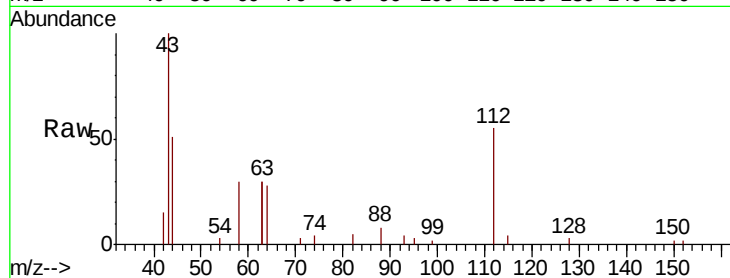
Tot Ion:112 Resp: 2422

Ion Ratio Lower Upper

112 100

64 68.0 54.1 81.1

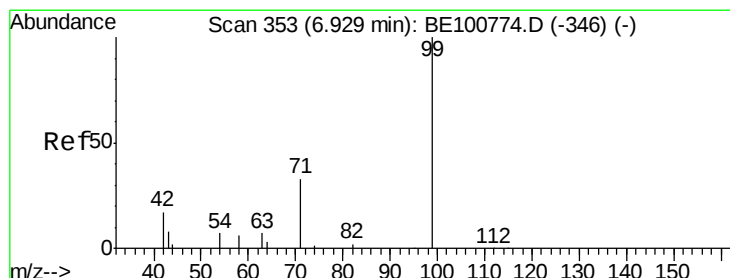
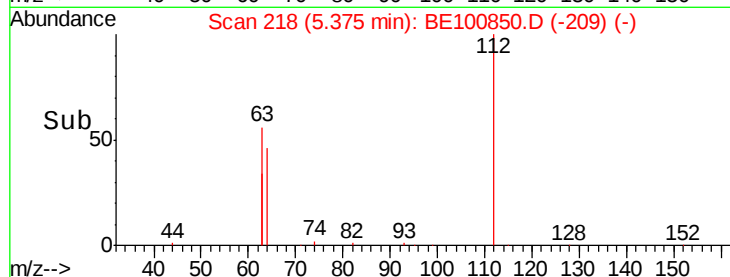
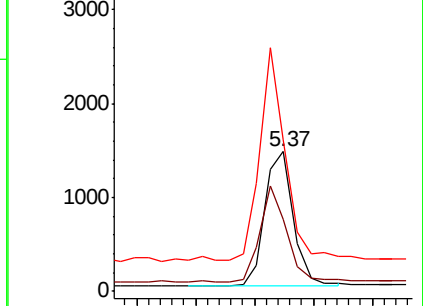
63 141.7 113.2 169.8



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: 0.124 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100850.D

Acq: 11 Dec 2019 17:31

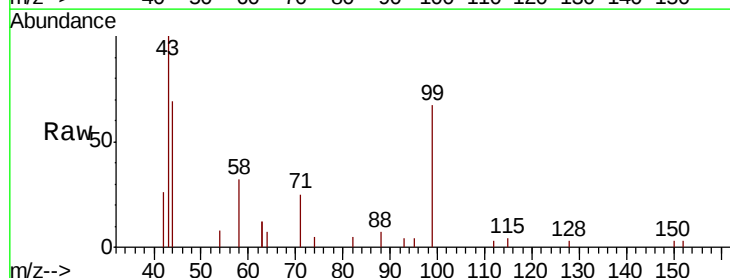
Tgt Ion: 99 Resp: 2290

Ion Ratio Lower Upper

99 100

42 39.7 19.1 28.7#

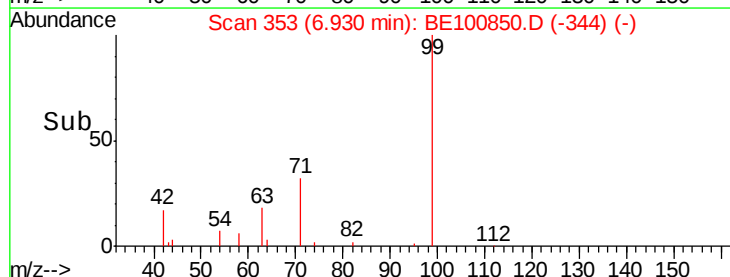
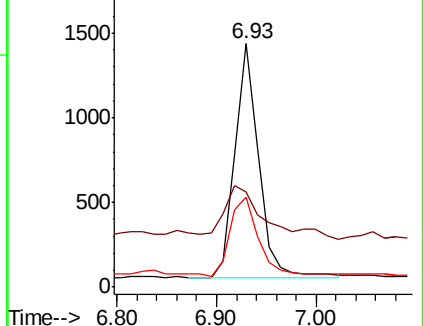
71 37.3 27.7 41.5

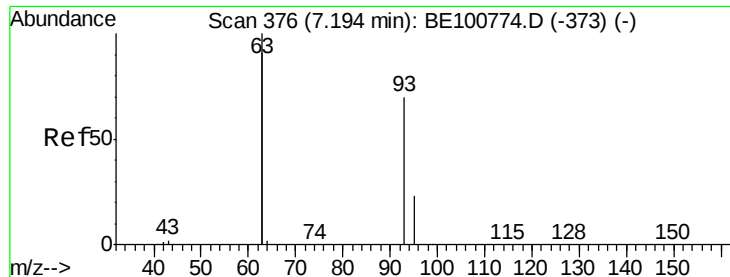


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.037 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100850.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20191205

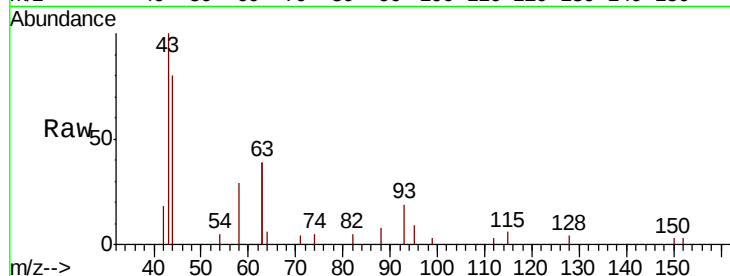
Tot Ion: 93 Resp: 659

Ion Ratio Lower Upper

93 100

63 320.9 259.4 389.0

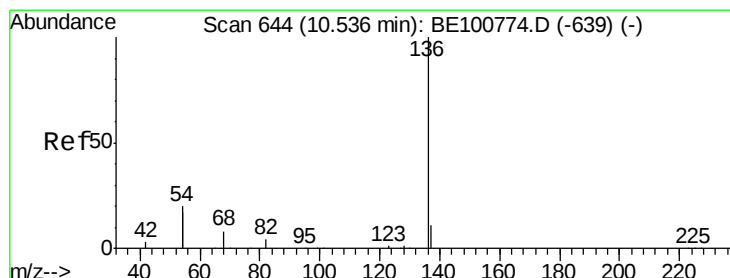
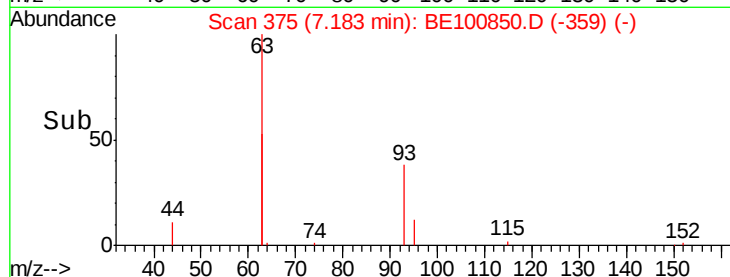
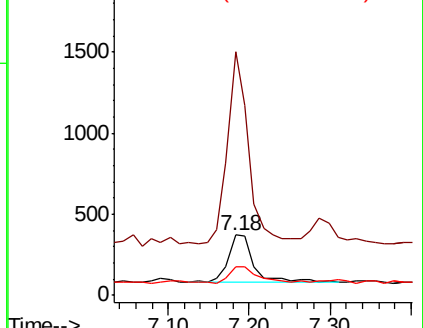
95 37.2 26.2 39.2



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: BE100850.D

Acq: 11 Dec 2019 17:31

Tgt Ion: 136 Resp: 23245

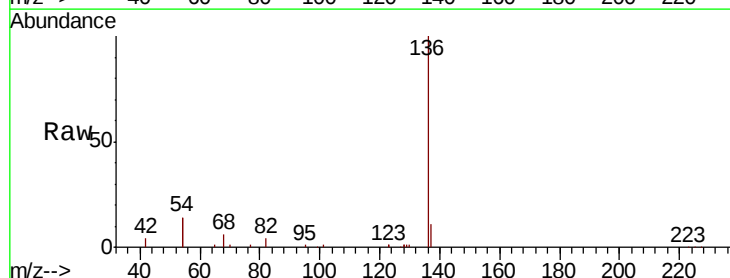
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 28.5 31.1 46.7#

68 6.3 6.6 10.0#

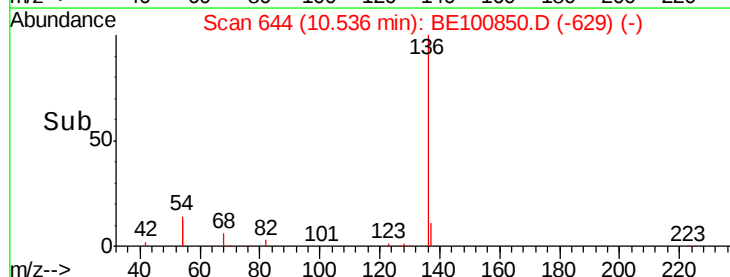
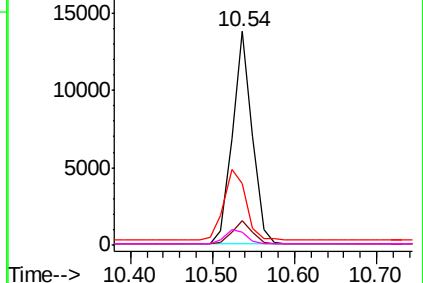


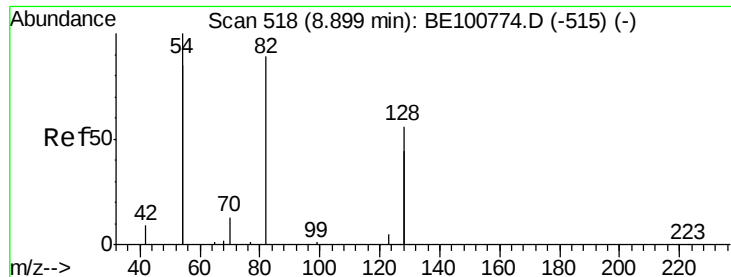
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.512 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100850.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20191205

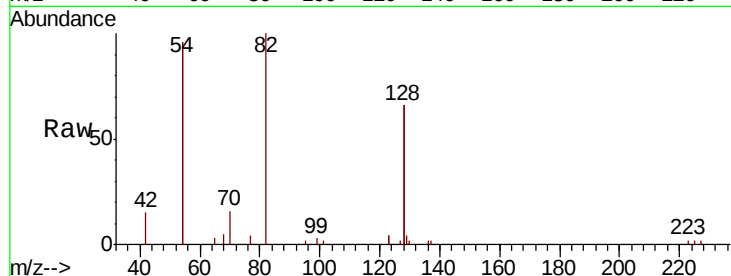
Tot Ion: 82 Resp: 5668

Ion Ratio Lower Upper

82 100

128 131.2 97.0 145.4

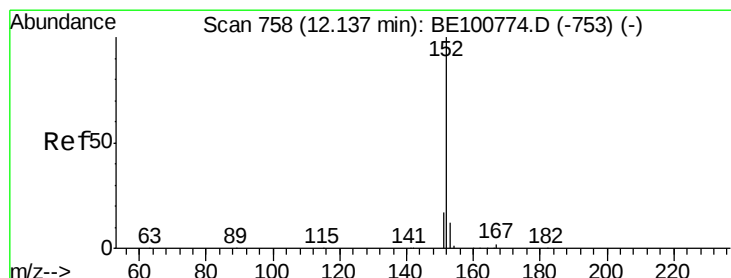
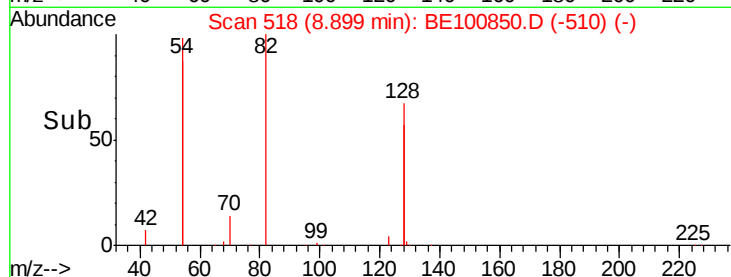
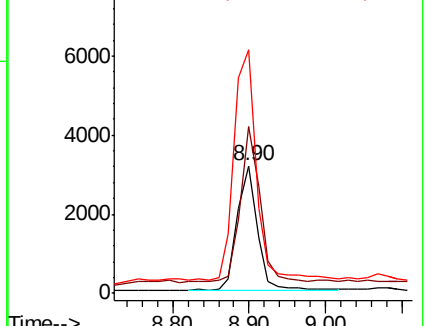
54 191.1 171.8 257.6



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: 0.431 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100850.D

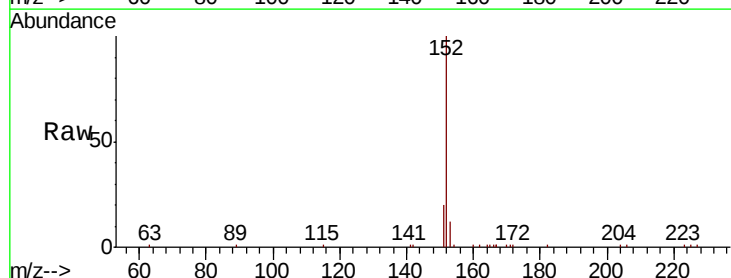
Acq: 11 Dec 2019 17:31

Tgt Ion: 152 Resp: 14514

Ion Ratio Lower Upper

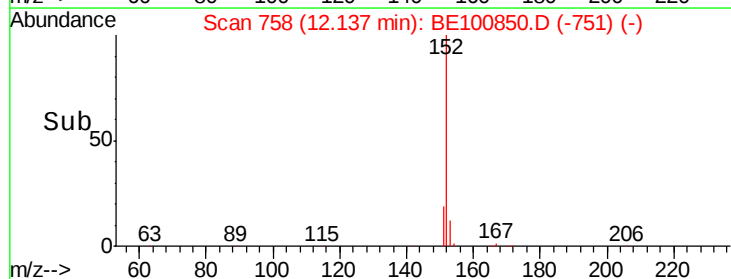
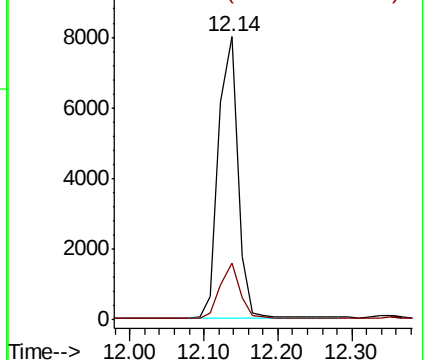
152 100

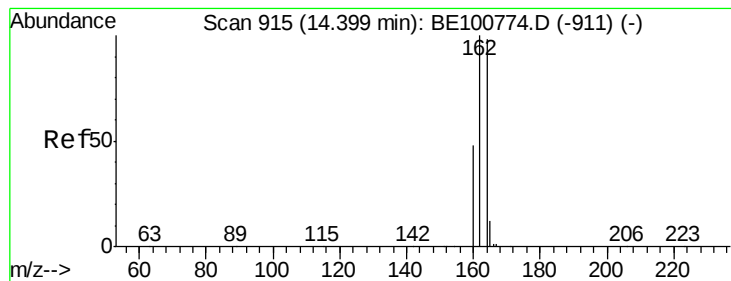
151 19.8 15.8 23.8



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: BE100850.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20191205

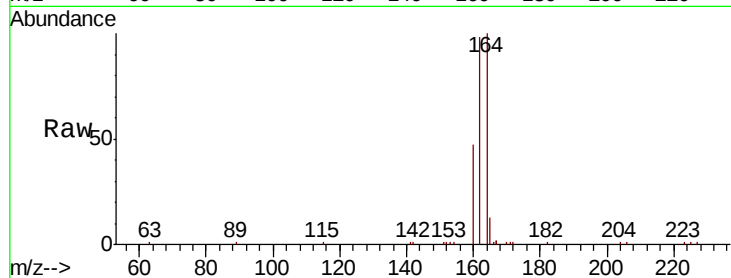
Tot Ion:164 Resp: 13278

Ion Ratio Lower Upper

164 100

162 98.1 81.4 122.0

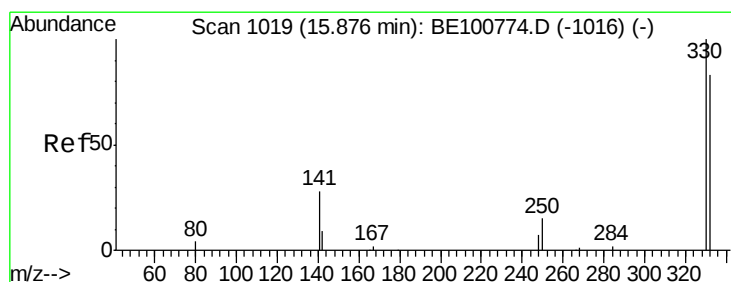
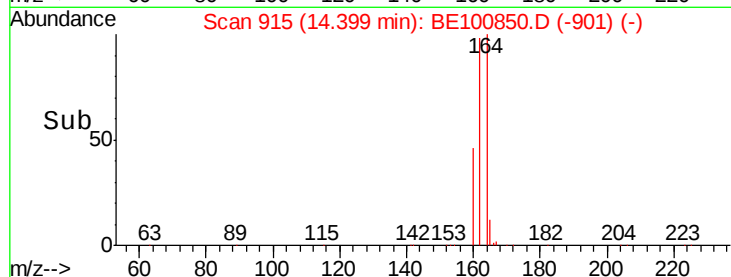
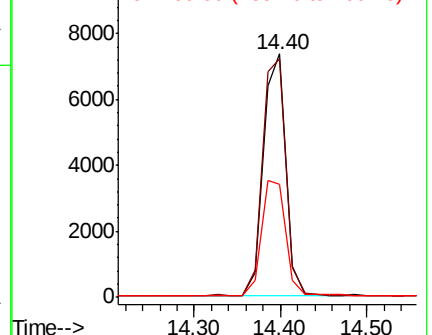
160 46.6 39.4 59.0



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: 0.628 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100850.D

Acq: 11 Dec 2019 17:31

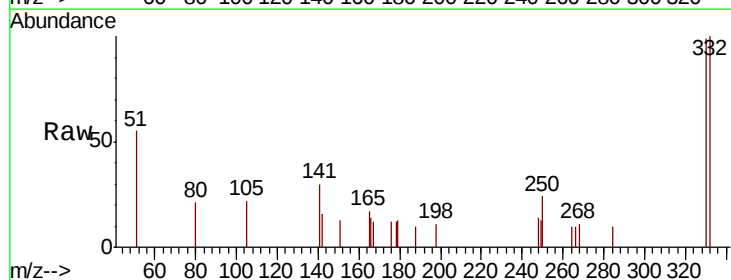
Tgt Ion:330 Resp: 928

Ion Ratio Lower Upper

330 100

332 97.4 69.4 104.2

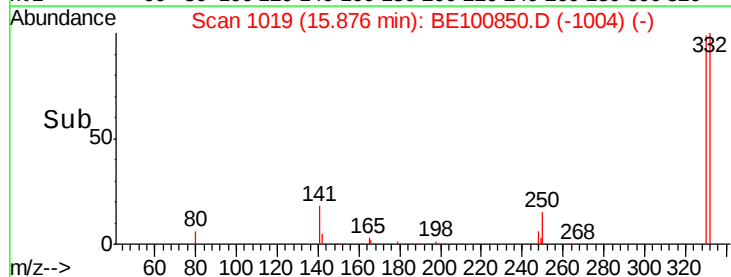
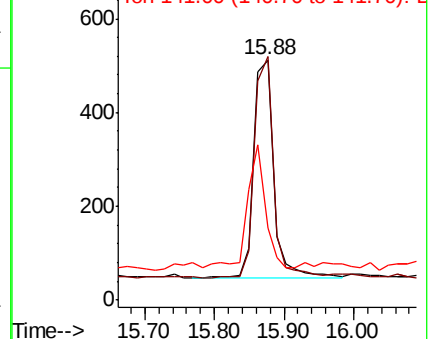
141 51.7 51.1 76.7

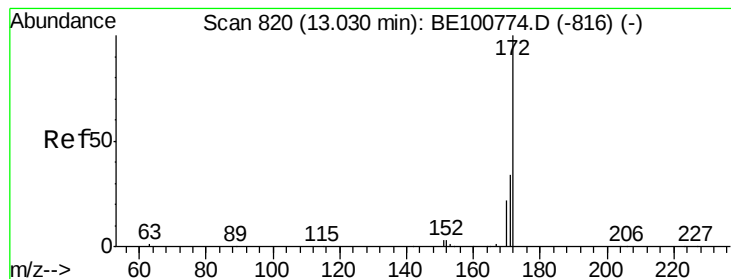


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

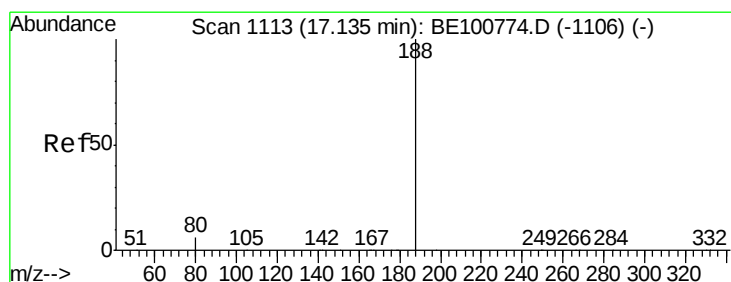
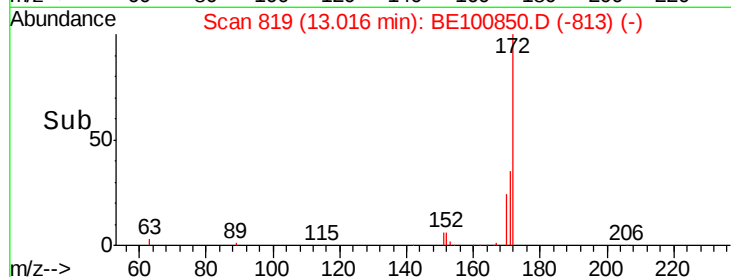
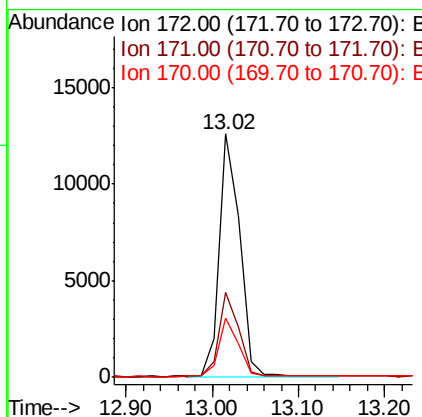
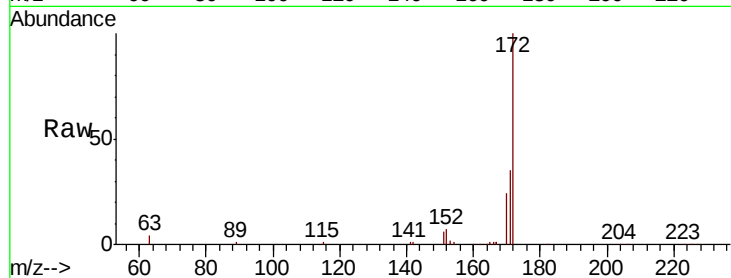




#15
 2-Fluorobiphenyl
 Concen: 0.394 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100850.D
 Acq: 11 Dec 2019 17:31

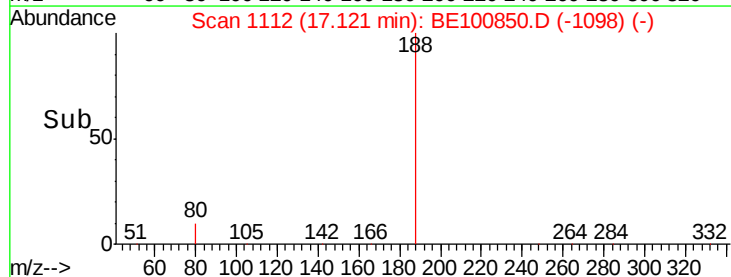
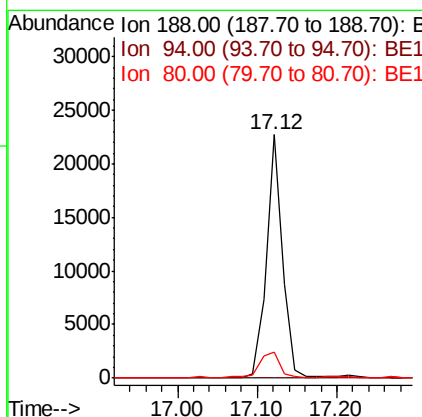
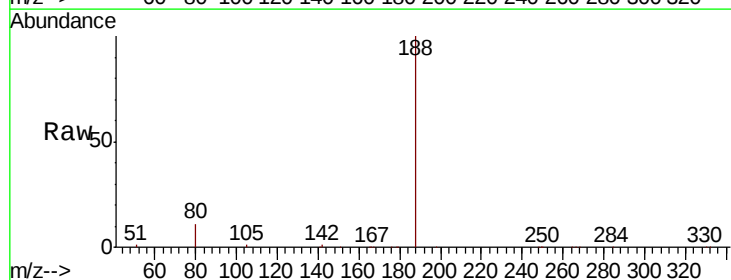
Instrument :
 BNA_E
 ClientSampleId :
 TT101D2-20191205

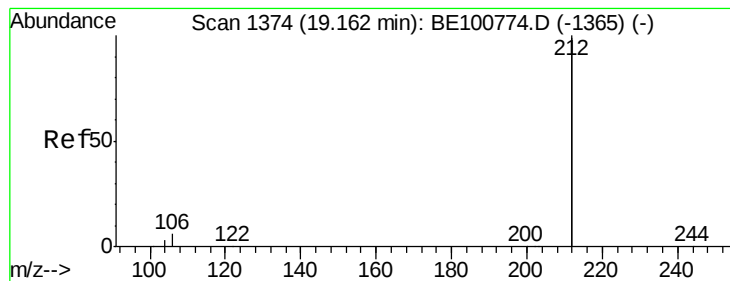
Tot Ion:172 Resp: 20753
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.2 40.8
 170 24.2 18.0 27.0



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.12 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BE100850.D
 Acq: 11 Dec 2019 17:31

Tgt Ion:188 Resp: 32158
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.6 5.2 7.8#





#25

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100850.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20191205

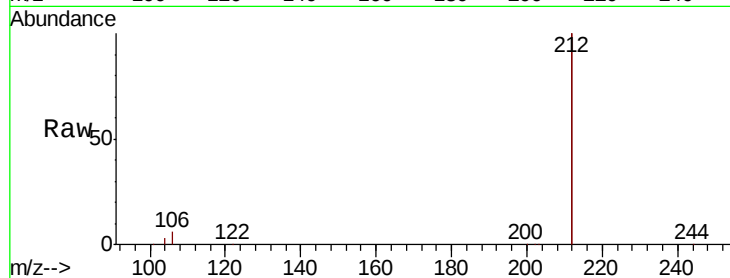
Tot Ion:212 Resp: 142081

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

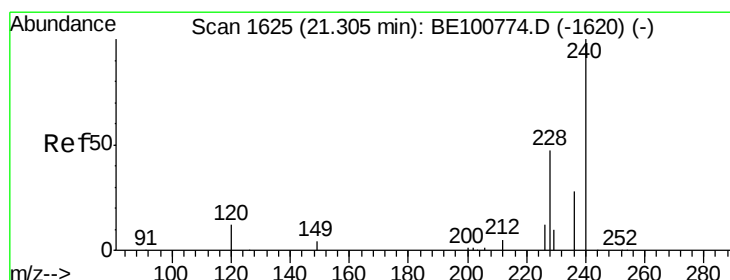
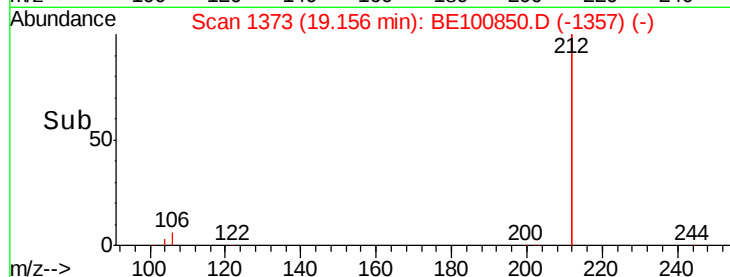
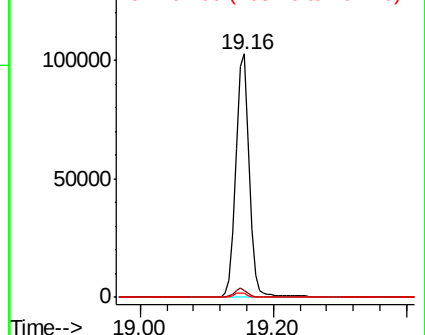
104 1.8 1.4 2.2



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: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100850.D

Acq: 11 Dec 2019 17:31

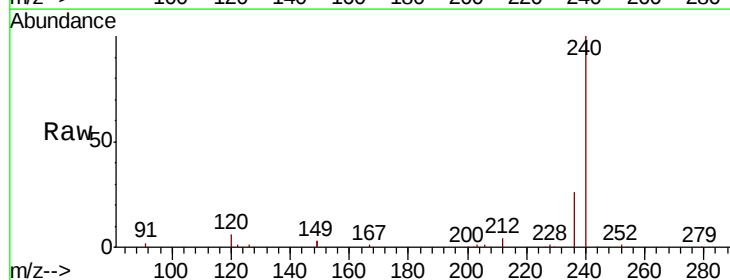
Tgt Ion:240 Resp: 26464

Ion Ratio Lower Upper

240 100

120 5.5 10.2 15.2#

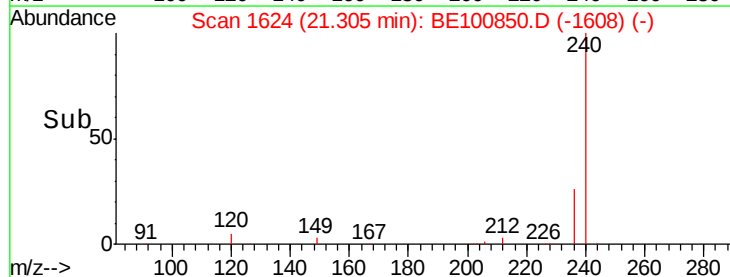
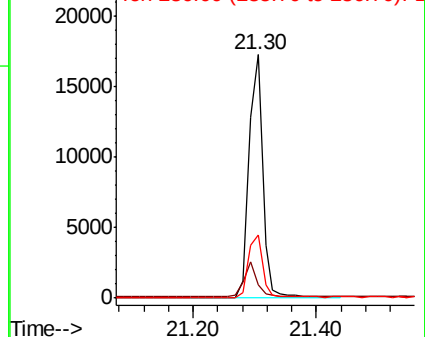
236 26.0 22.3 33.5

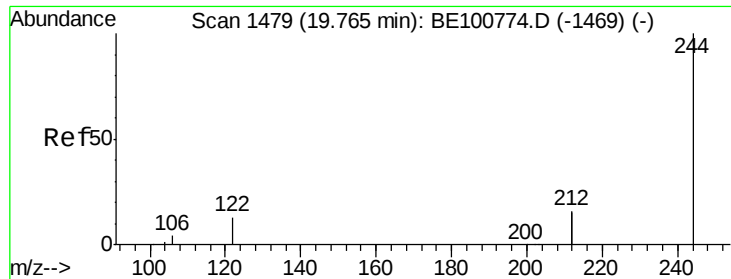


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.456 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100850.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20191205

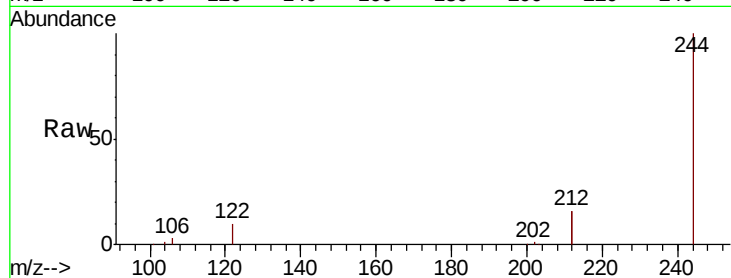
Tot Ion:244 Resp: 28895

Ion Ratio Lower Upper

244 100

212 31.0 26.2 39.4

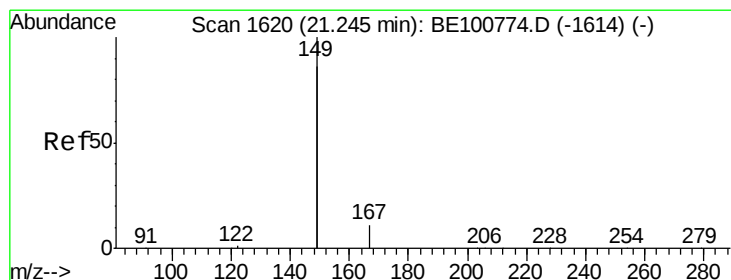
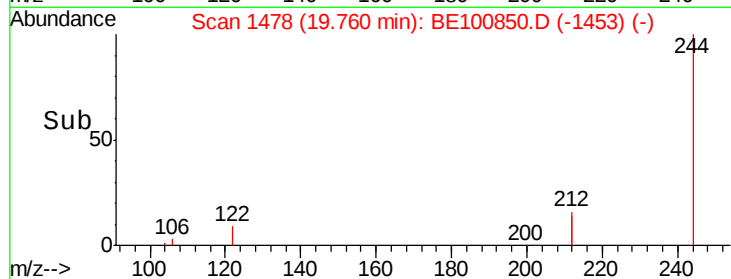
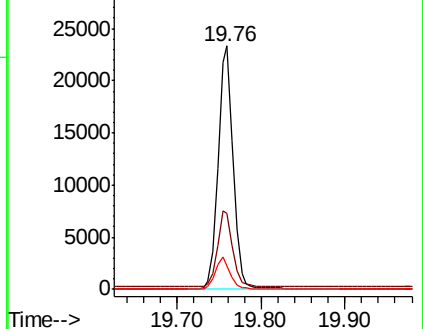
122 9.8 10.2 15.4#



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: 0.043 ng

RT: 21.23 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BE100850.D

Acq: 11 Dec 2019 17:31

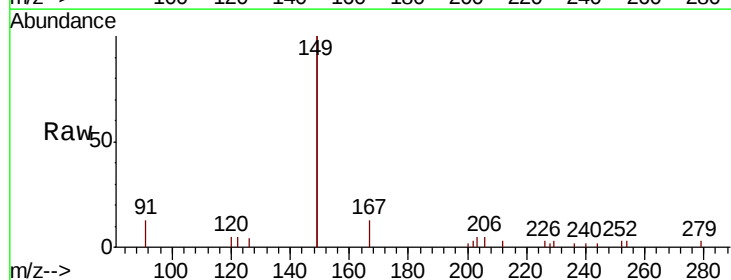
Tgt Ion:149 Resp: 5621

Ion Ratio Lower Upper

149 100

167 7.1 5.0 7.6

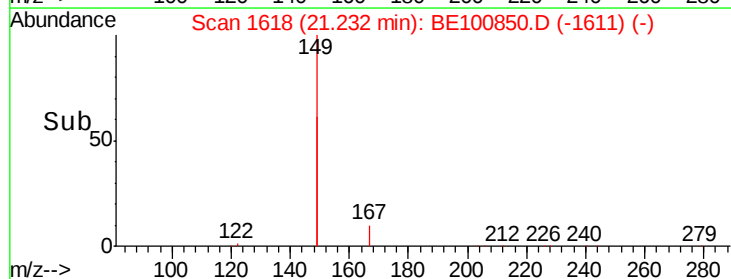
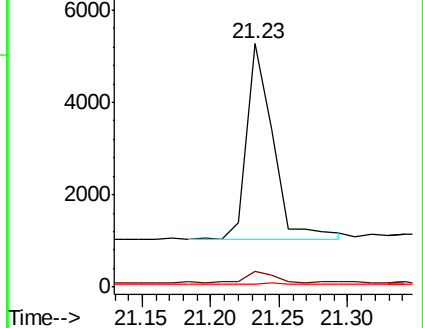
279 1.3 0.7 1.1#

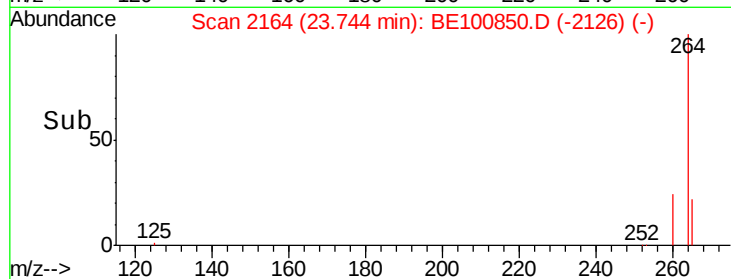
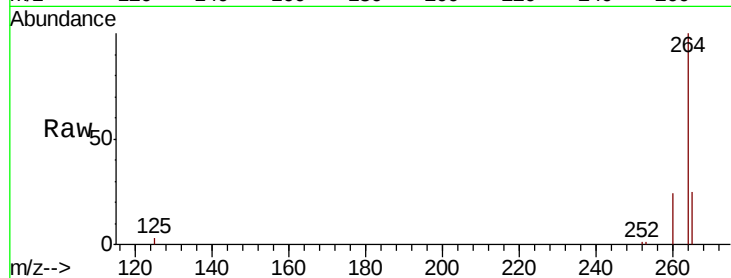
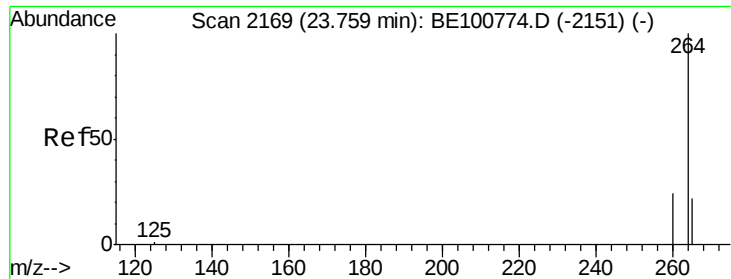


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE100850.D

Acq: 11 Dec 2019 17:31

Instrument :

BNA_E

ClientSampleId :

TT101D2-20191205

Tot Ion: 264 Resp: 30569

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 24.9 21.8 32.8

