

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100860.D
 Acq On : 12 Dec 2019 00:54
 Operator : JU
 Sample : K6184-14DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE122D2-20191203DL

Quant Time: Dec 12 05:39:22 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

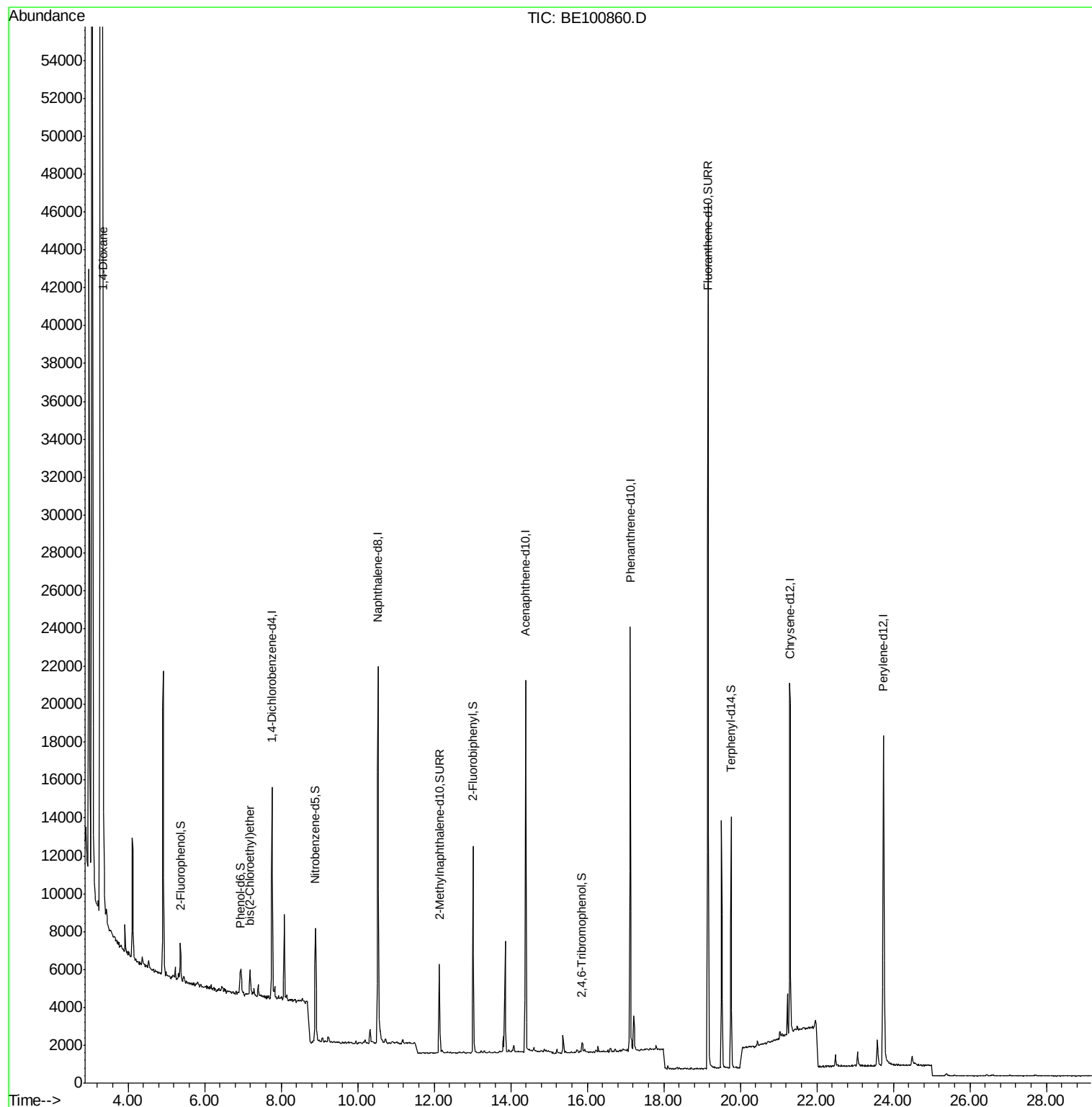
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4814	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	22598	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	12325	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	28838	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	21685	0.40	ng	0.00
34) Perylene-d12	23.74	264	26623	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1018	0.09	ng	0.00
5) Phenol-d6	6.93	99	993	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	2653	0.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	6813	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	352	0.26	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	9500	0.19	ng	-0.01
25) Fluoranthene-d10	19.16	212	60365	0.18	ng	0.00
29) Terphenyl-d14	19.76	244	11279	0.22	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	23437	2.670	ng	90
6) bis(2-Chloroethyl)ether	7.18	93	625	0.038	ng	84

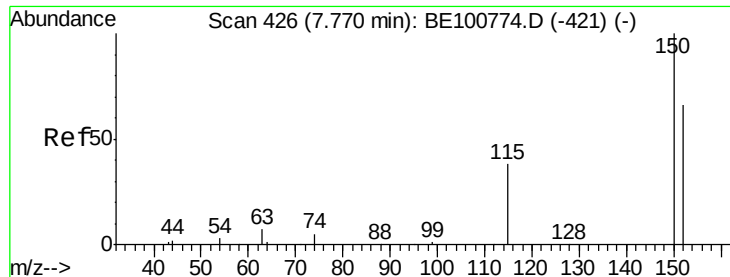
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100860.D

Acq: 12 Dec 2019 00:54

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BNA_E

ClientSampleId :

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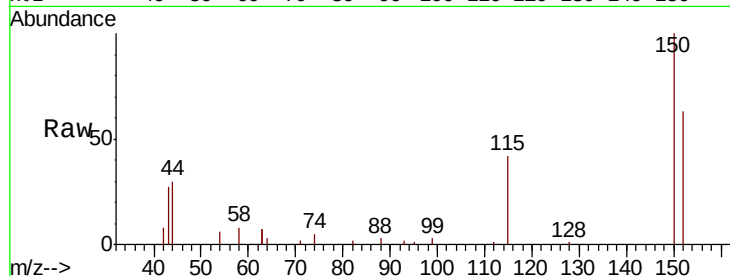
Tot Ion:152 Resp: 4814

Ion Ratio Lower Upper

152 100

150 159.4 120.6 181.0

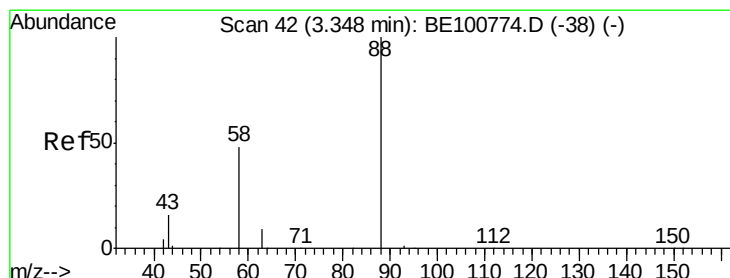
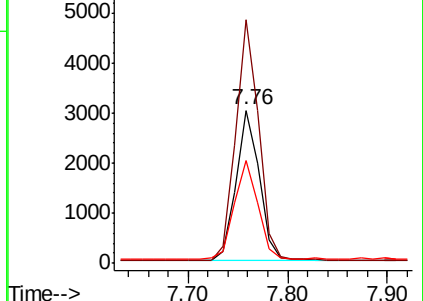
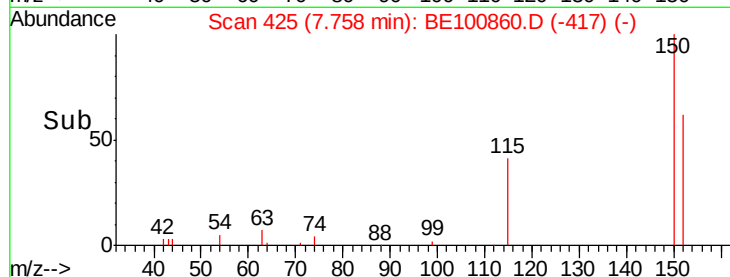
115 67.0 47.4 71.2



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: 2.670 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:54

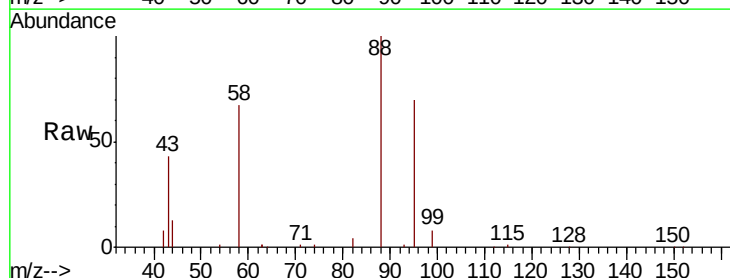
Tgt Ion: 88 Resp: 23437

Ion Ratio Lower Upper

88 100

58 73.7 52.5 78.7

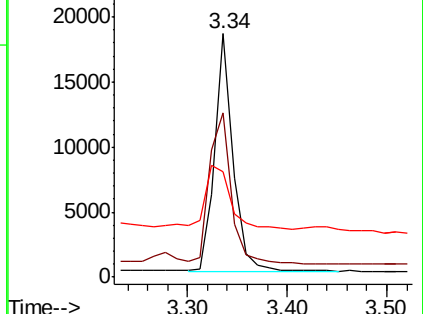
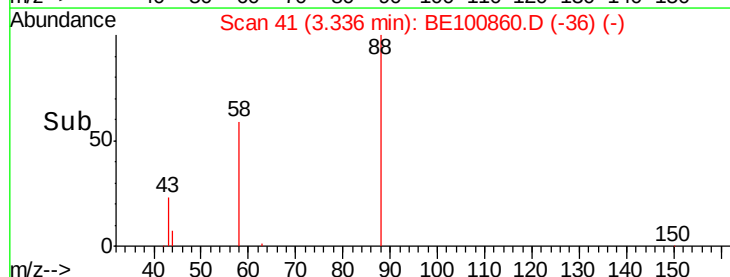
43 34.4 23.0 34.6

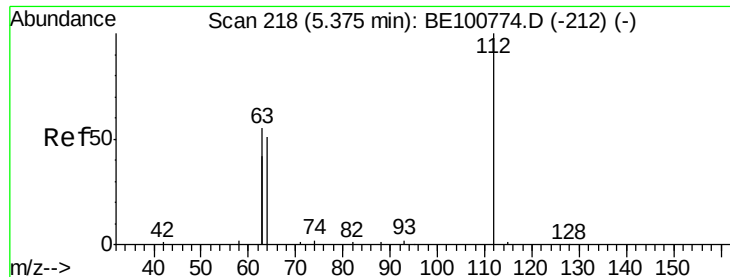


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.089 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:54

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

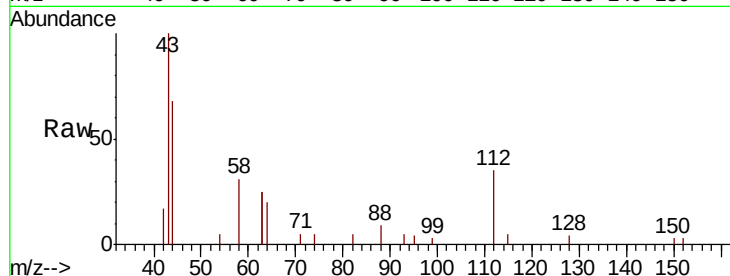
Tot Ion:112 Resp: 1018

Ion Ratio Lower Upper

112 100

64 72.0 54.1 81.1

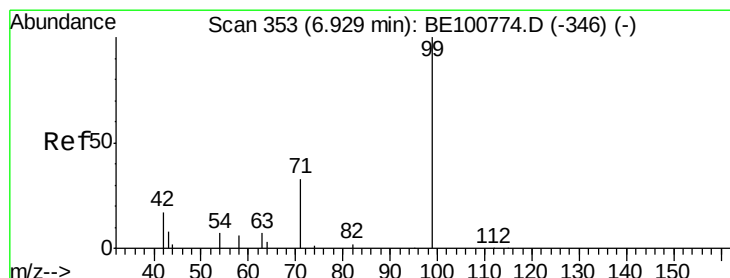
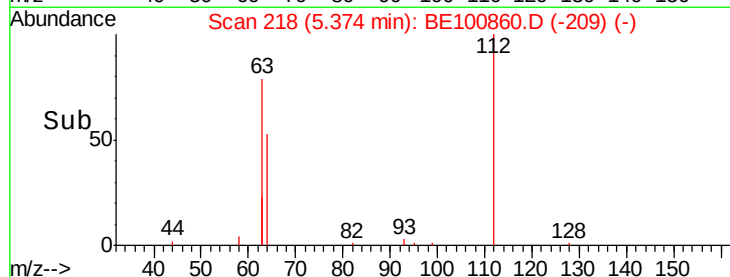
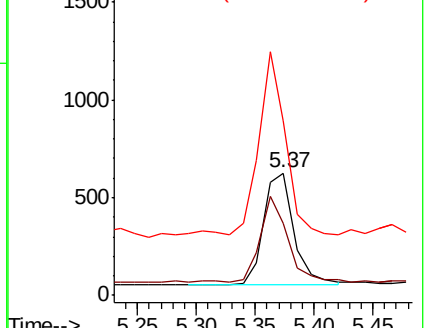
63 144.4 113.2 169.8



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: 0.058 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:54

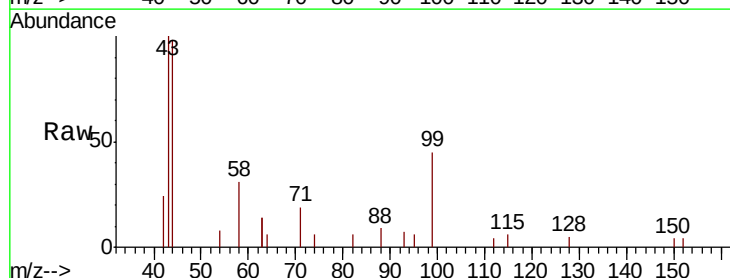
Tgt Ion: 99 Resp: 993

Ion Ratio Lower Upper

99 100

42 35.4 19.1 28.7#

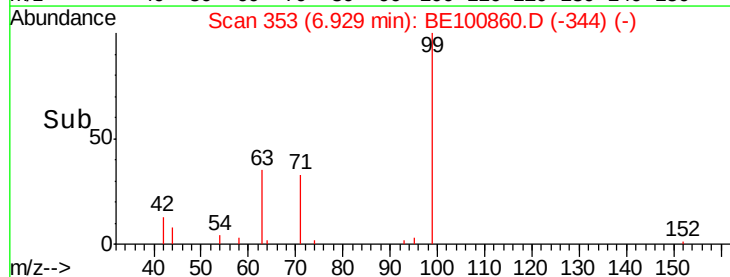
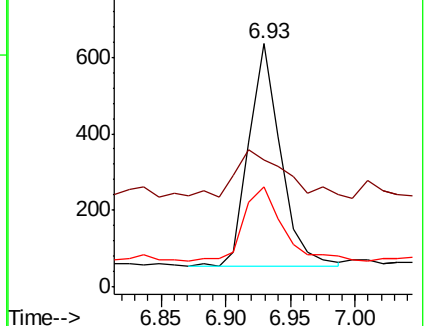
71 41.8 27.7 41.5#

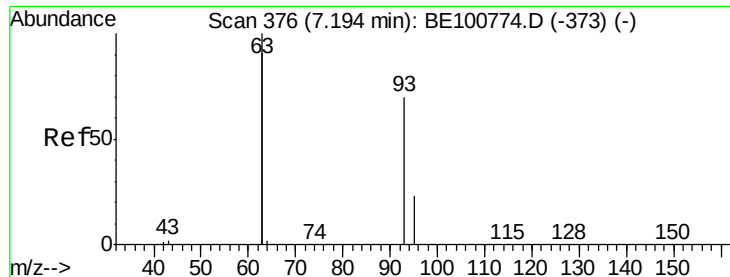


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.038 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:54

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

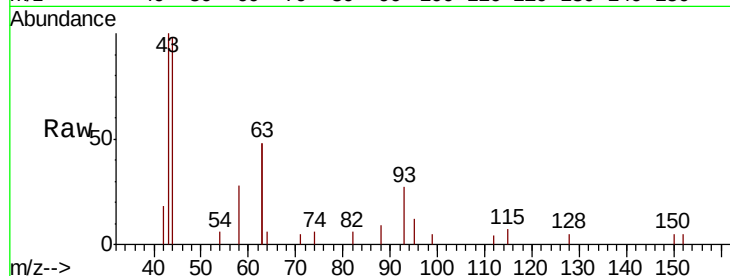
Tot Ion: 93 Resp: 625

Ion Ratio Lower Upper

93 100

63 287.7 259.4 389.0

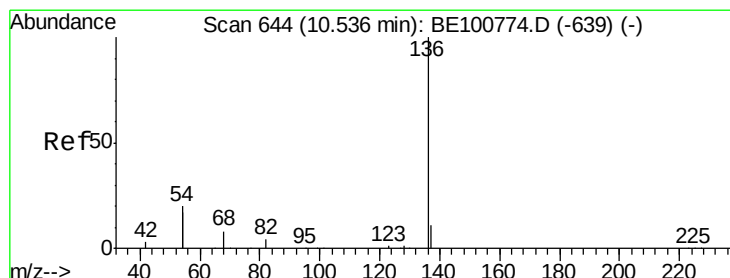
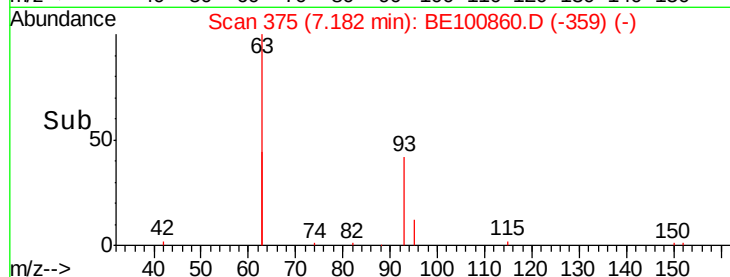
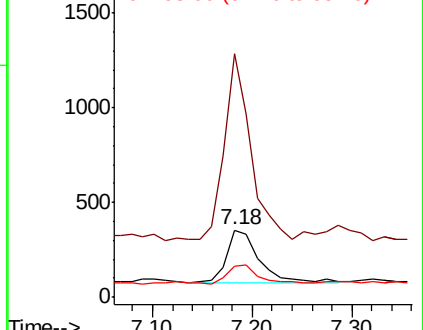
95 31.7 26.2 39.2



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: BE100860.D

Acq: 12 Dec 2019 00:54

Tgt Ion: 136 Resp: 22598

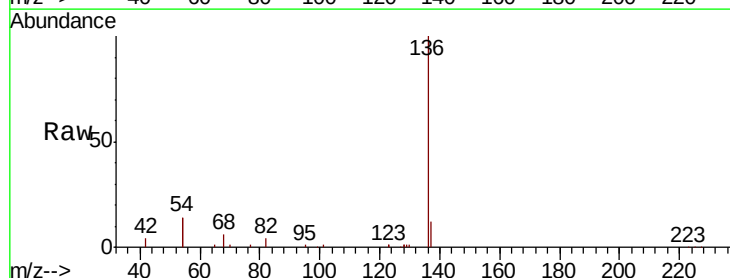
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 27.3 31.1 46.7#

68 6.4 6.6 10.0#

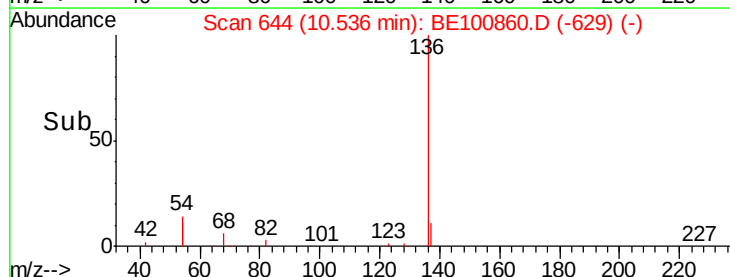
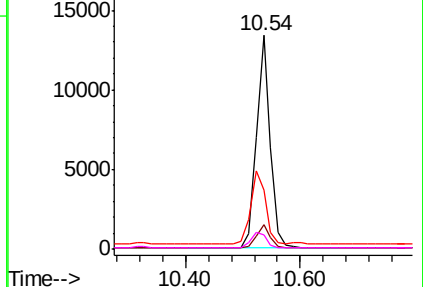


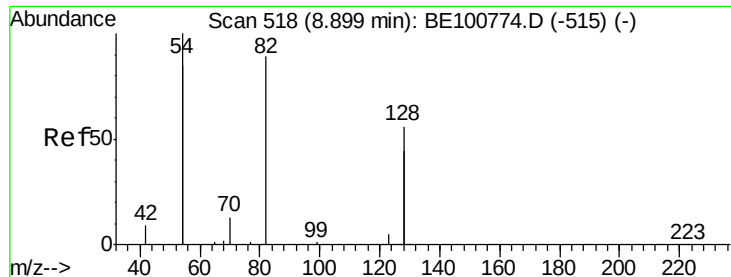
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.247 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:54

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

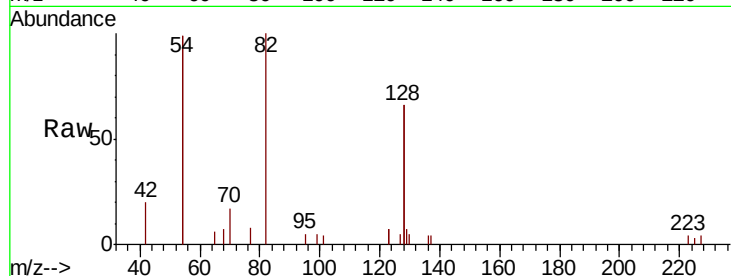
Tot Ion: 82 Resp: 2653

Ion Ratio Lower Upper

82 100

128 132.6 97.0 145.4

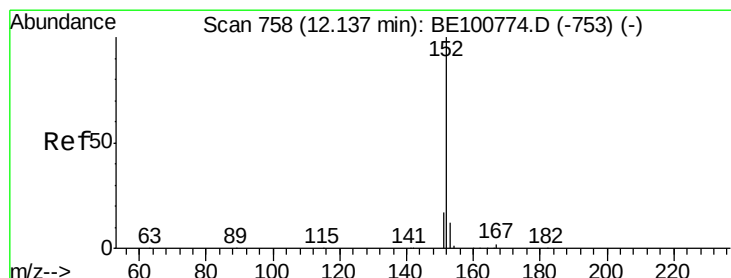
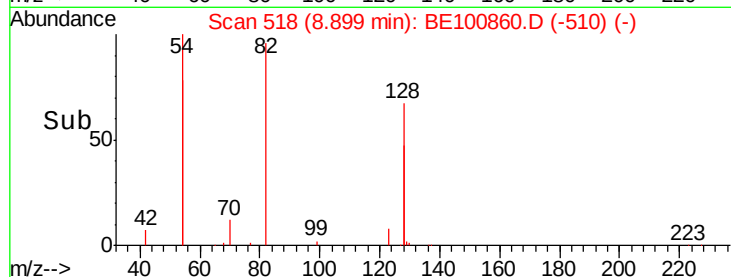
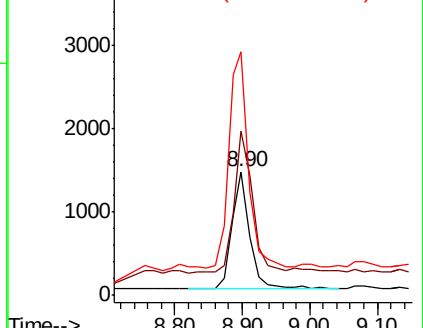
54 197.2 171.8 257.6



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: 0.208 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100860.D

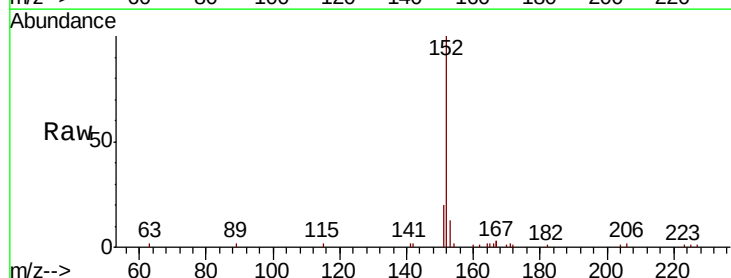
Acq: 12 Dec 2019 00:54

Tgt Ion: 152 Resp: 6813

Ion Ratio Lower Upper

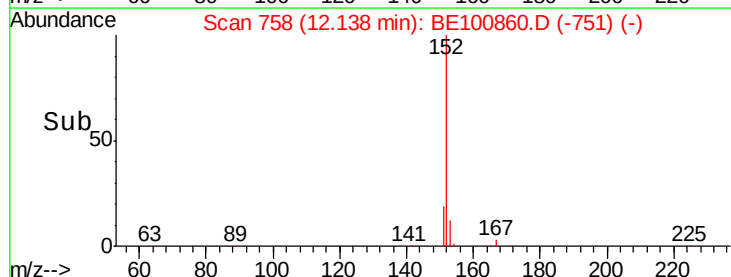
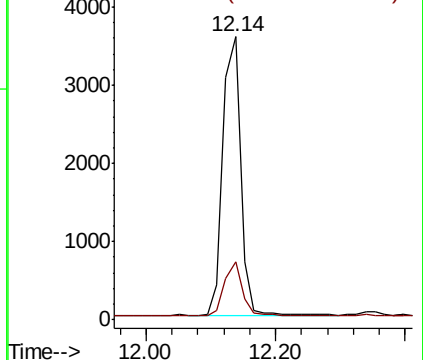
152 100

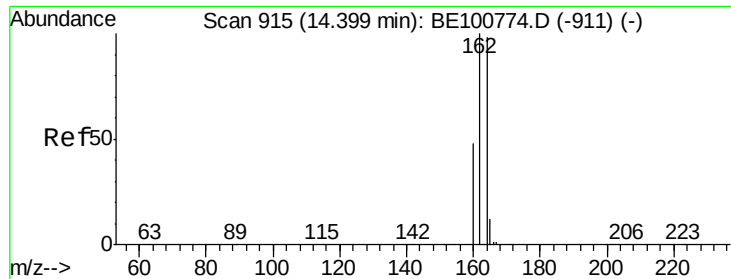
151 18.7 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

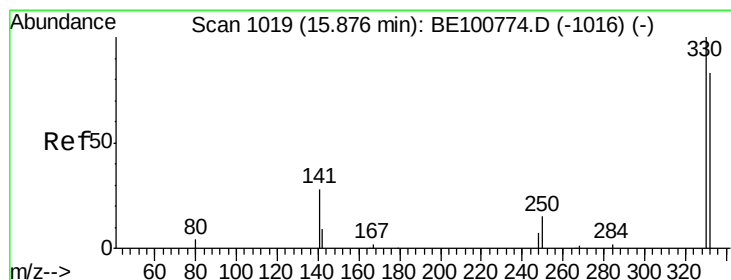
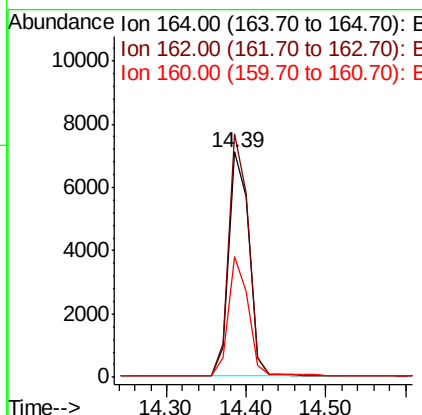
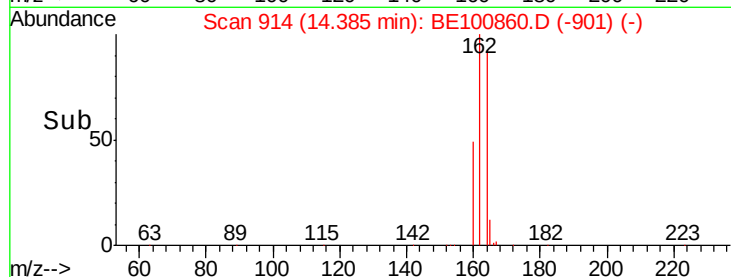
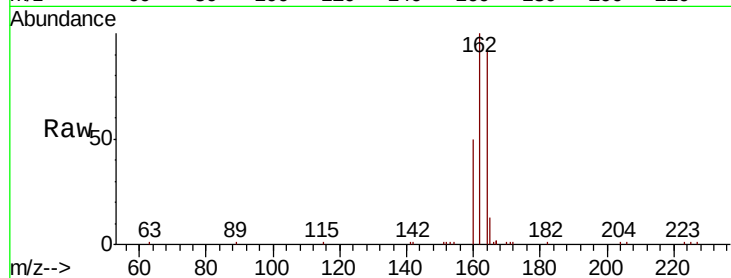




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 914
Delta R.T. -0.01 min
Lab File: BE100860.D
Acq: 12 Dec 2019 00:54

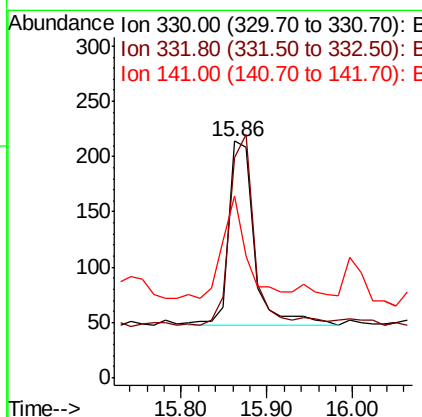
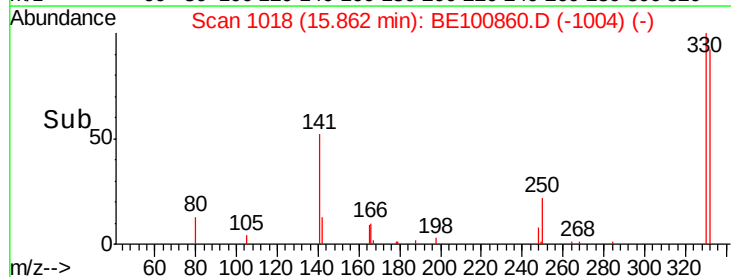
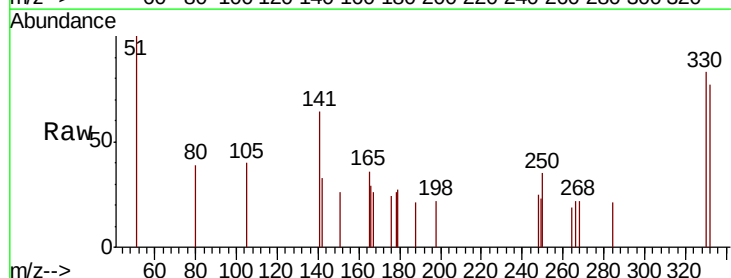
Instrument :
BNA_E
ClientSampleId :
RE122D2-20191203DL

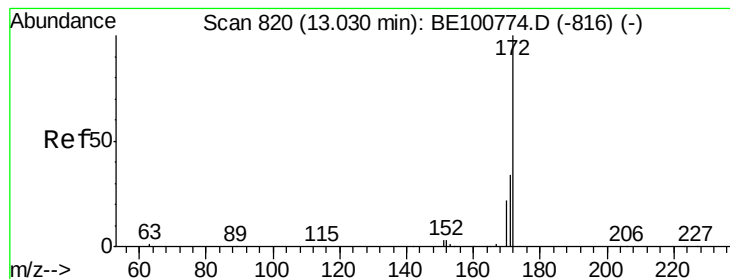
Tot Ion:164 Resp: 12325
Ion Ratio Lower Upper
164 100
162 108.1 81.4 122.0
160 53.7 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.257 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100860.D
Acq: 12 Dec 2019 00:54

Tgt Ion:330 Resp: 352
Ion Ratio Lower Upper
330 100
332 95.7 69.4 104.2
141 50.6 51.1 76.7#





#15

2-Fluorobiphenyl

Concen: 0.194 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:54

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

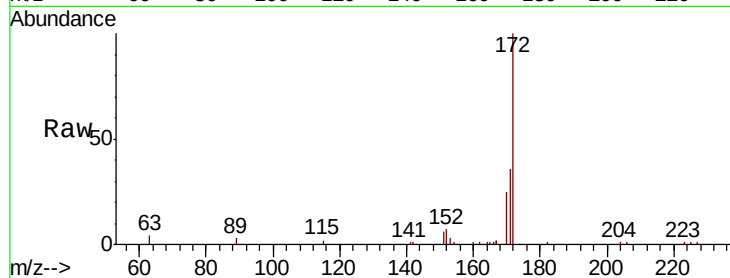
Tot Ion:172 Resp: 9500

Ion Ratio Lower Upper

172 100

171 36.3 27.2 40.8

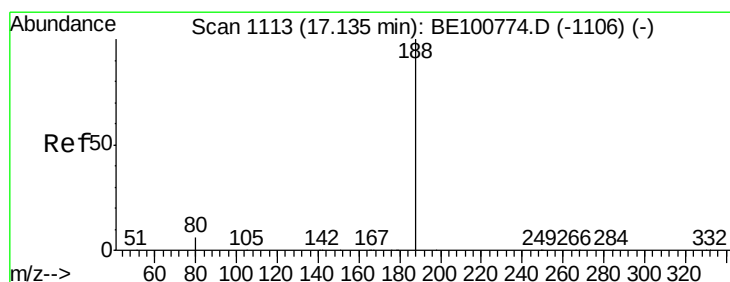
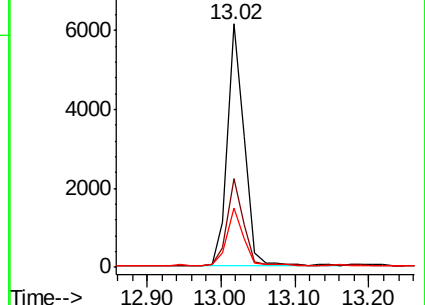
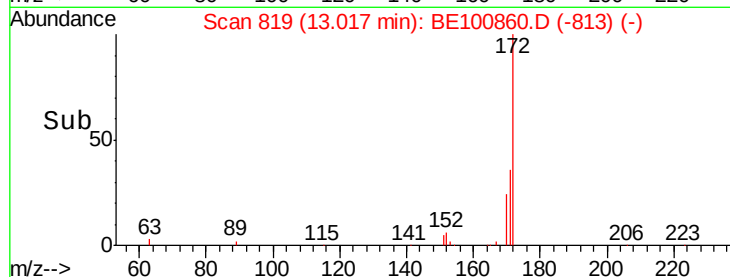
170 24.6 18.0 27.0



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: BE100860.D

Acq: 12 Dec 2019 00:54

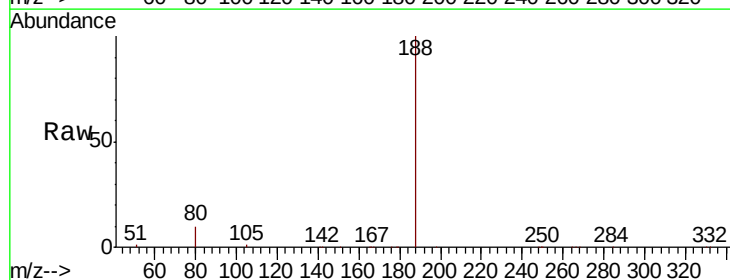
Tgt Ion:188 Resp: 28838

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

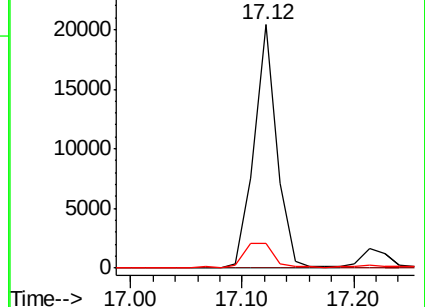
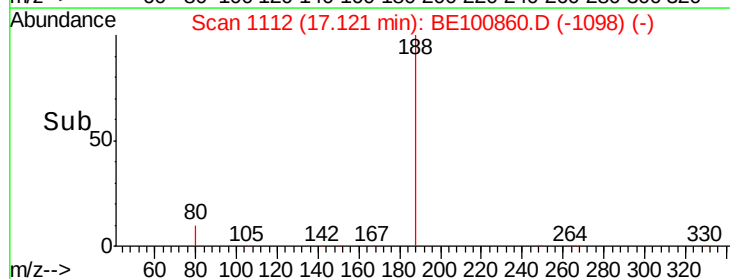
80 10.0 5.2 7.8#

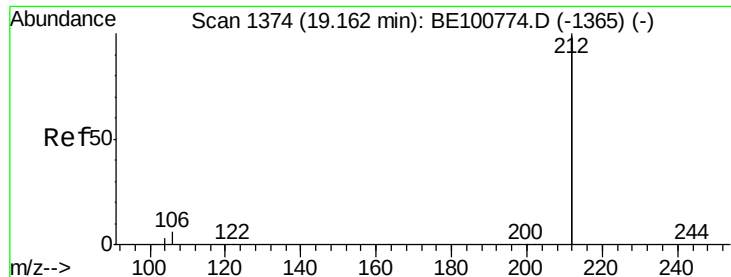


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.177 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:54

Instrument :

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RE122D2-20191203DL

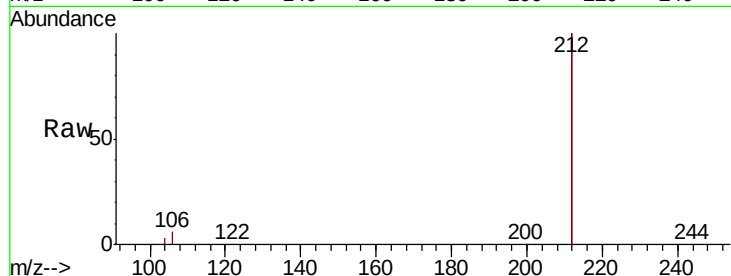
Tot Ion:212 Resp: 60365

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

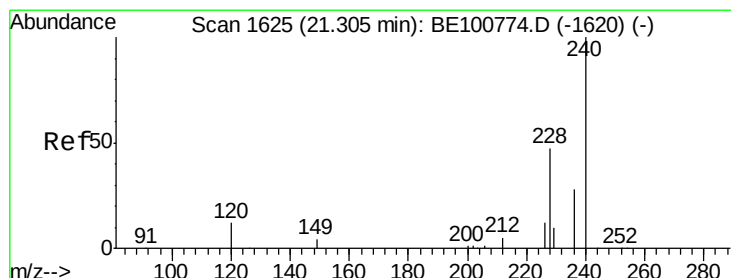
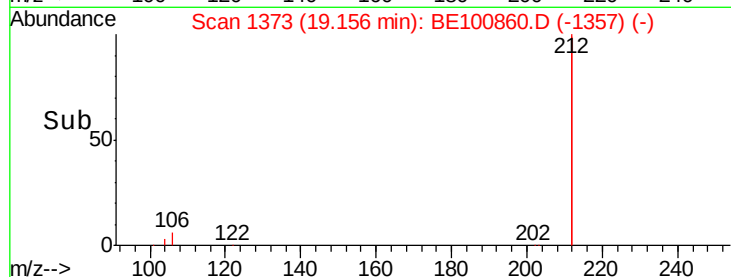
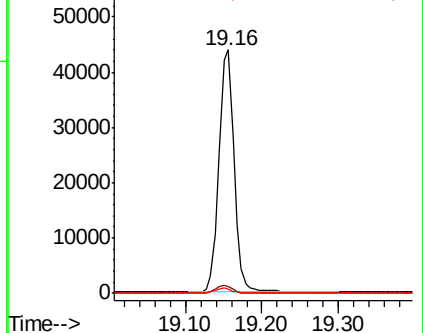
104 1.9 1.4 2.2



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: BE100860.D

Acq: 12 Dec 2019 00:54

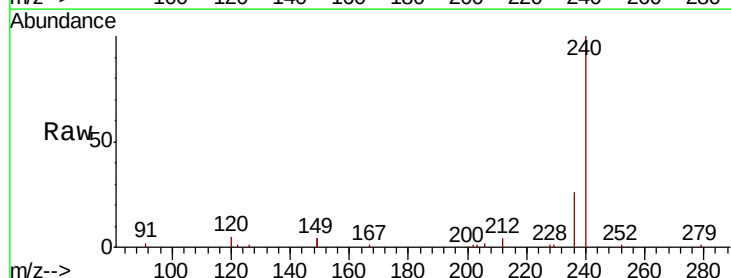
Tgt Ion:240 Resp: 21685

Ion Ratio Lower Upper

240 100

120 4.9 10.2 15.2#

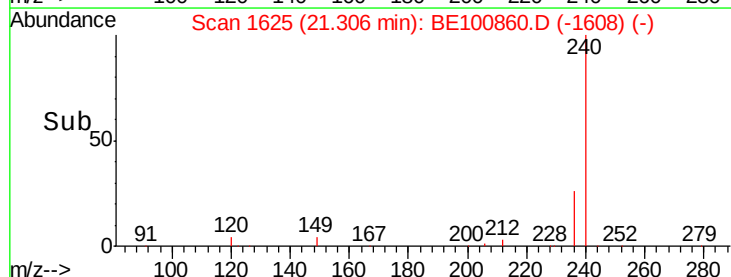
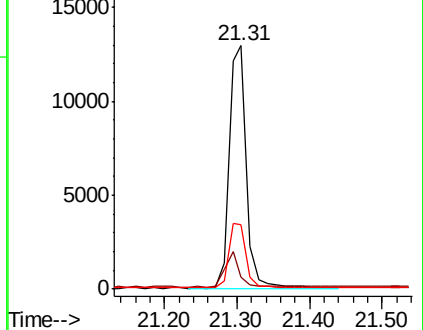
236 26.4 22.3 33.5

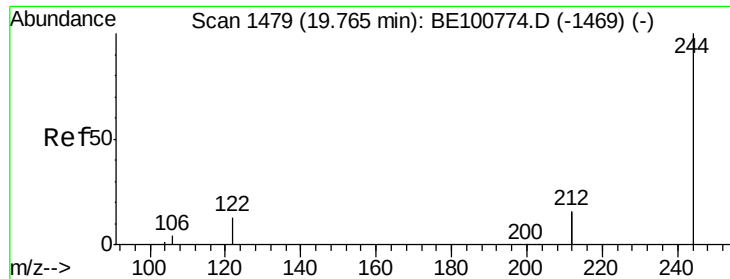


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.217 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:54

Instrument :

BNA_E

ClientSampleId :

RE122D2-20191203DL

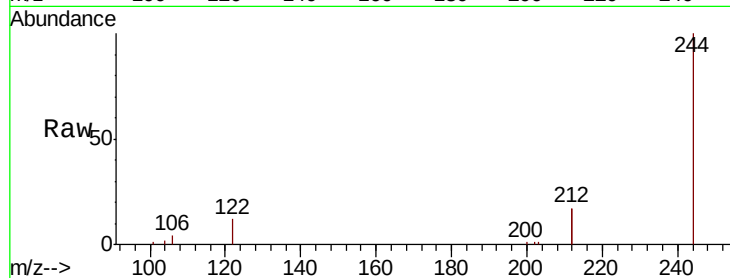
Tot Ion:244 Resp: 11279

Ion Ratio Lower Upper

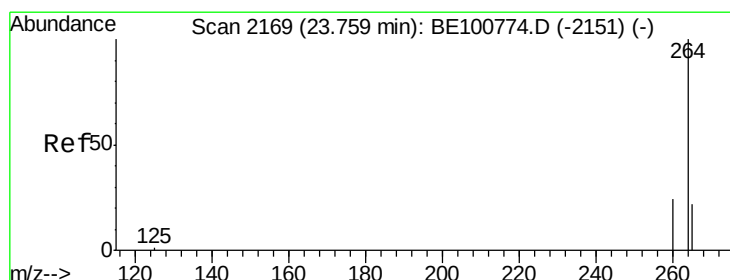
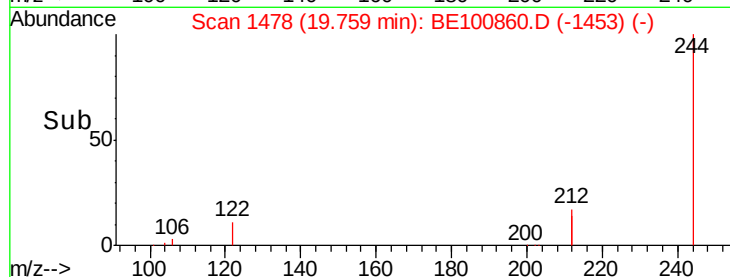
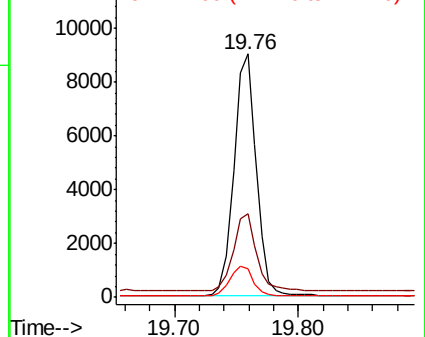
244 100

212 34.1 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE100860.D

Acq: 12 Dec 2019 00:54

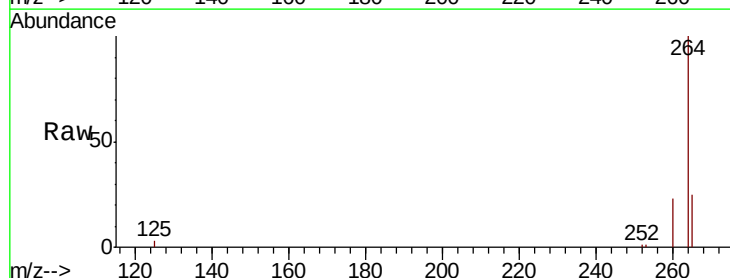
Tgt Ion:264 Resp: 26623

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 25.3 21.8 32.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

