

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100848.D
 Acq On : 11 Dec 2019 16:16
 Operator : JU
 Sample : K6185-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20191205

Quant Time: Dec 12 04:55:52 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

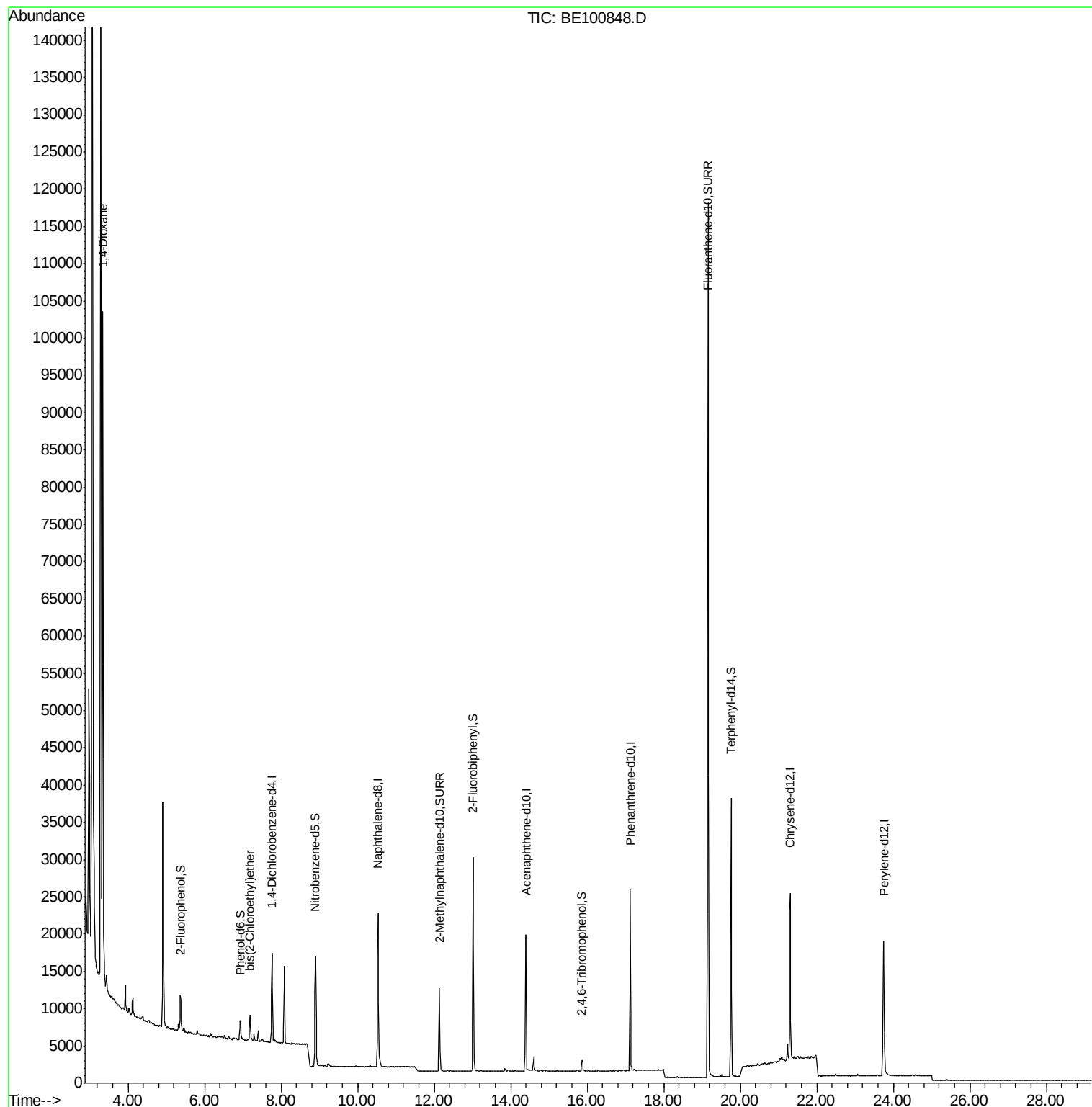
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5199	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23573	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12996	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30987	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	25932	0.40	ng	0.00
34) Perylene-d12	23.75	264	27170	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2535	0.21	ng	0.00
5) Phenol-d6	6.93	99	2414	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6152	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15303	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	863	0.60	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	26610	0.52	ng	-0.01
25) Fluoranthene-d10	19.16	212	149914	0.41	ng	0.00
29) Terphenyl-d14	19.76	244	31885	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	52124	5.499	ng	Qvalue # 89
6) bis(2-Chloroethyl)ether	7.18	93	1222	0.068	ng	93

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

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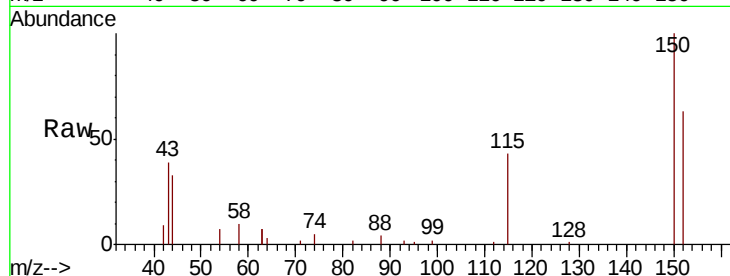


#1

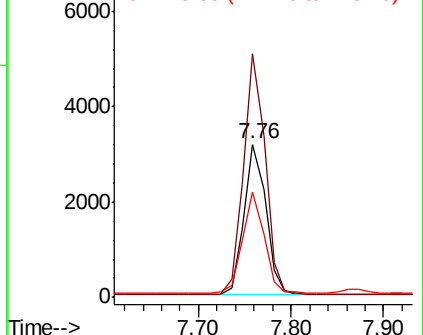
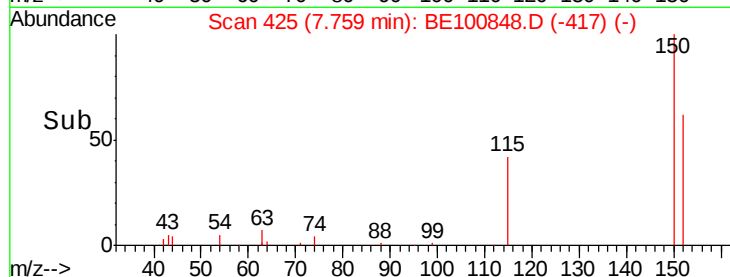
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100848.D
Acq: 11 Dec 2019 16:16

Instrument :
BNA_E
ClientSampleId :
TT101D-20191205

Tot Ion:152 Resp: 5199
Ion Ratio Lower Upper
152 100
150 159.1 120.6 181.0
115 68.8 47.4 71.2



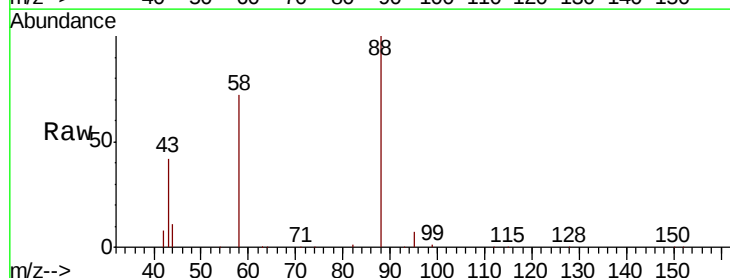
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



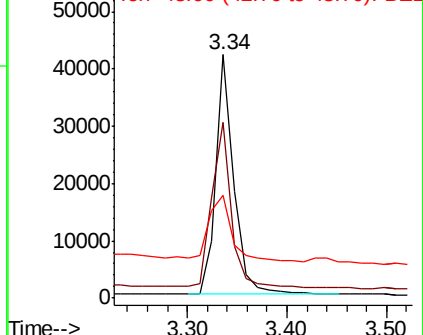
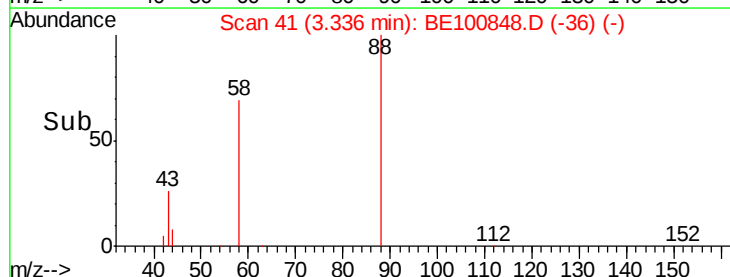
#2

1,4-Dioxane
Concen: 5.499 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100848.D
Acq: 11 Dec 2019 16:16

Tgt Ion: 88 Resp: 52124
Ion Ratio Lower Upper
88 100
58 74.7 52.5 78.7
43 34.7 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: 0.205 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205

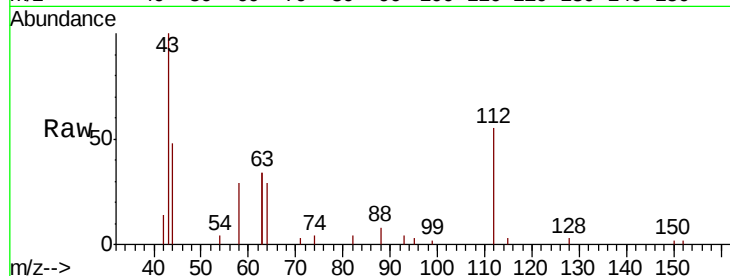
Tot Ion: 112 Resp: 2535

Ion Ratio Lower Upper

112 100

64 69.7 54.1 81.1

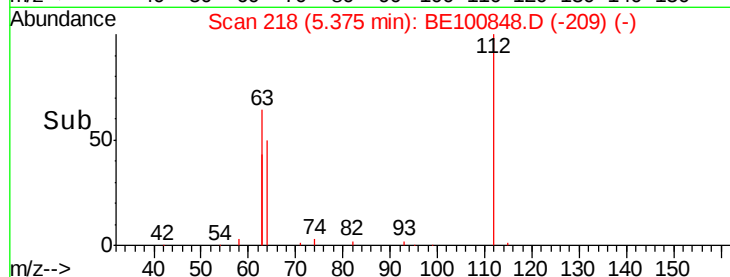
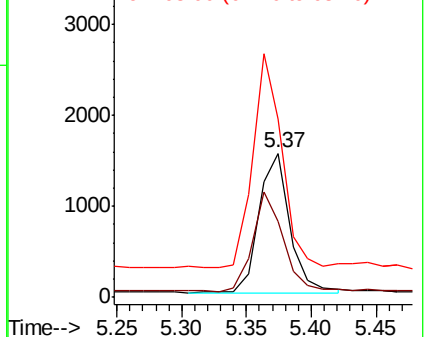
63 144.9 113.2 169.8



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: 0.130 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

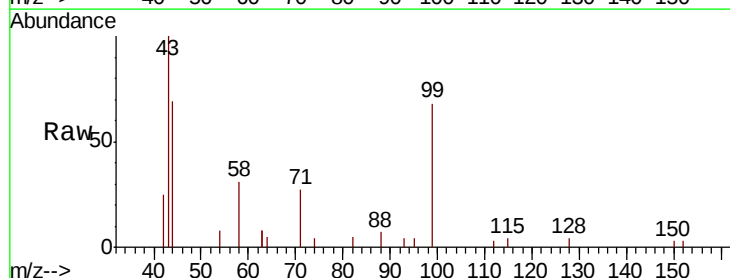
Tgt Ion: 99 Resp: 2414

Ion Ratio Lower Upper

99 100

42 26.4 19.1 28.7

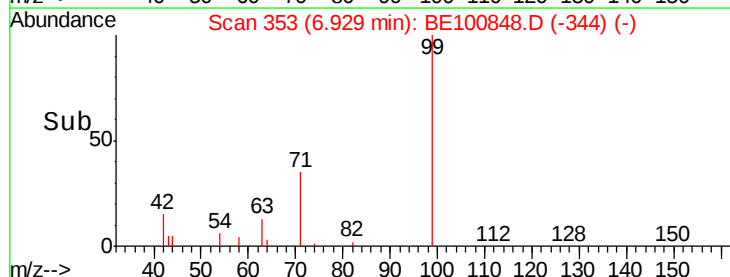
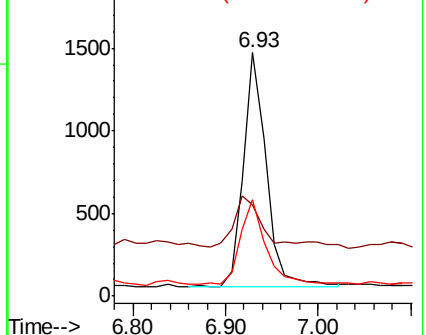
71 38.6 27.7 41.5

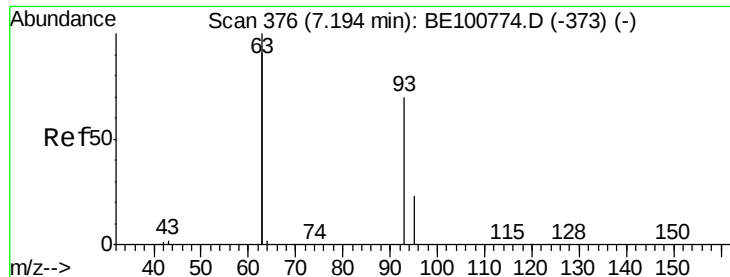


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

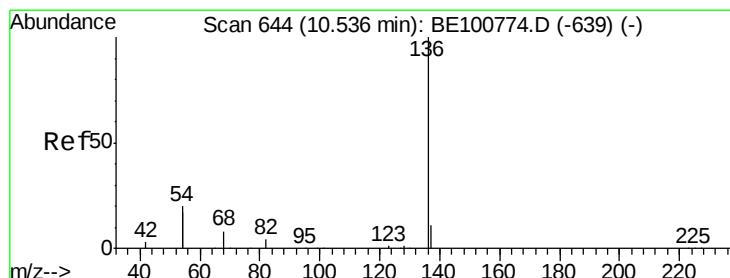
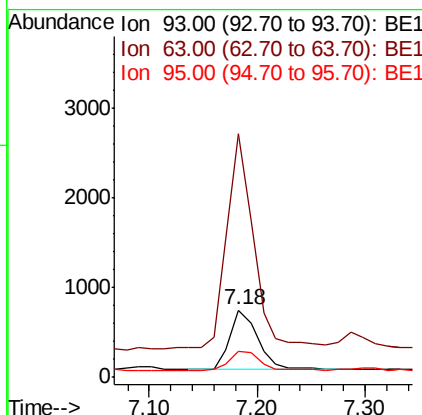
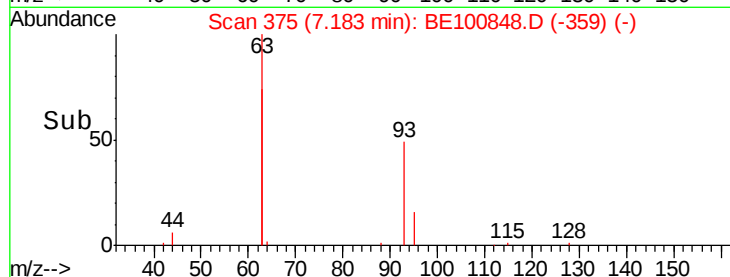
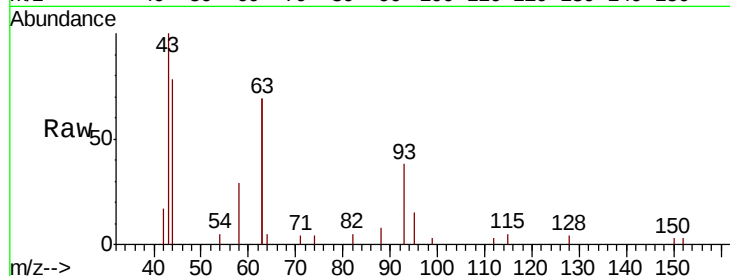




#6
 bis(2-Chloroethyl)ether
 Concen: 0.068 ng
 RT: 7.18 min Scan# 375
 Delta R.T. -0.01 min
 Lab File: BE100848.D
 Acq: 11 Dec 2019 16:16

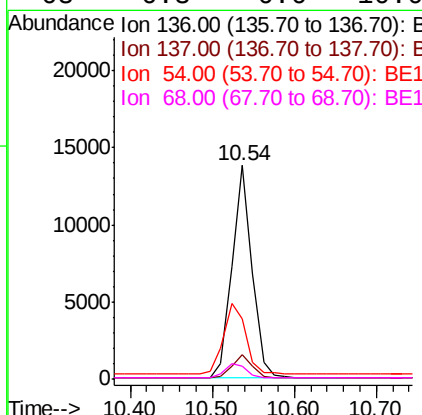
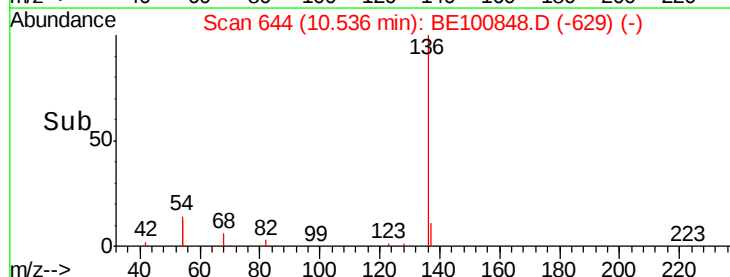
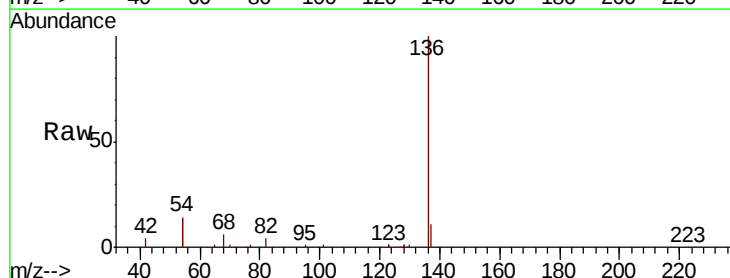
Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20191205

Tot Ion:	93	Resp:	1222
Ion	Ratio	Lower	Upper
93	100		
63	338.1	259.4	389.0
95	35.8	26.2	39.2



#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.54 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BE100848.D
 Acq: 11 Dec 2019 16:16

Tgt Ion:	136	Resp:	23573
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	28.4	31.1	46.7#
68	6.3	6.6	10.0#





#8

Nitrobenzene-d5

Concen: 0.548 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205

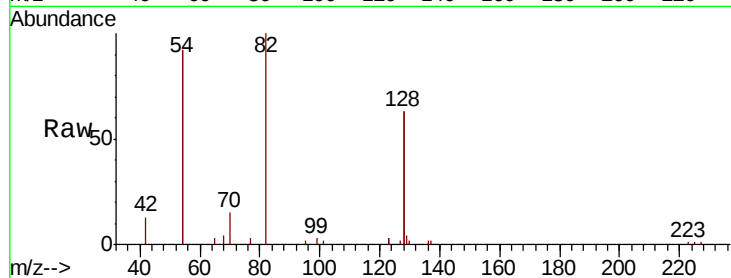
Tot Ion: 82 Resp: 6152

Ion Ratio Lower Upper

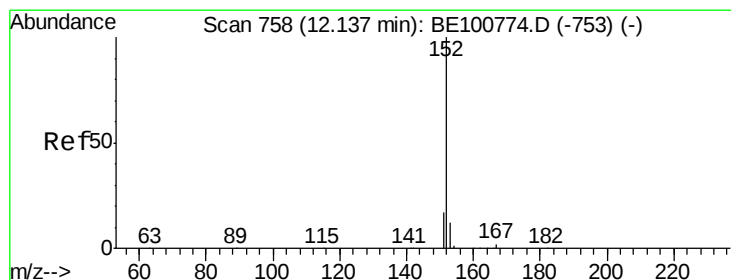
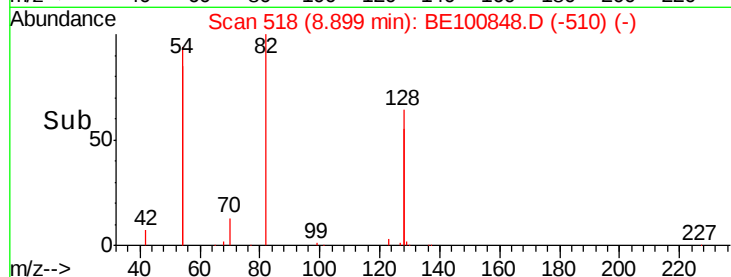
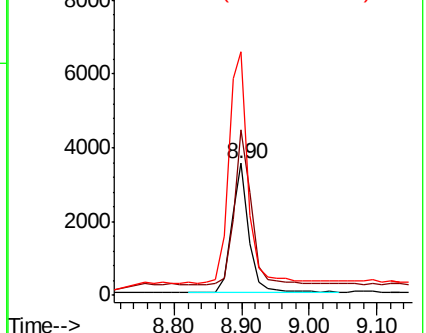
82 100

128 125.6 97.0 145.4

54 184.6 171.8 257.6



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: 0.448 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100848.D

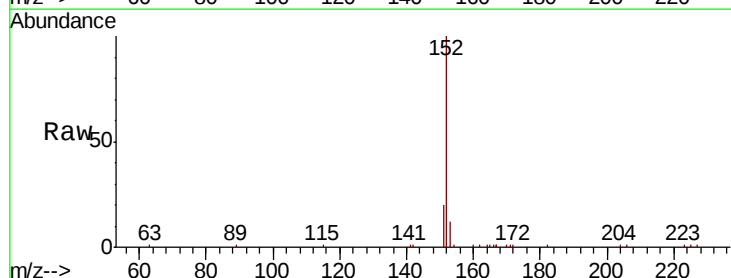
Acq: 11 Dec 2019 16:16

Tgt Ion: 152 Resp: 15303

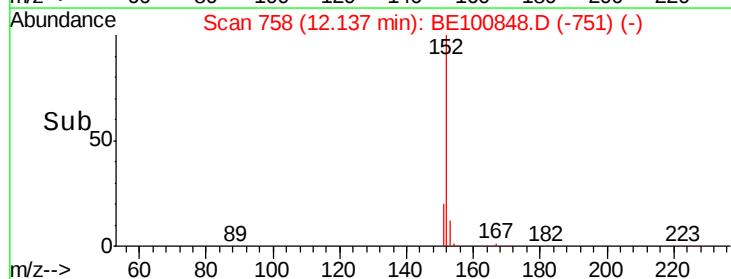
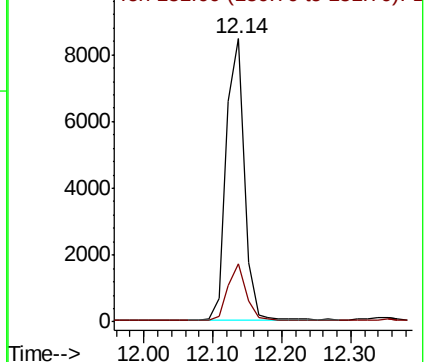
Ion Ratio Lower Upper

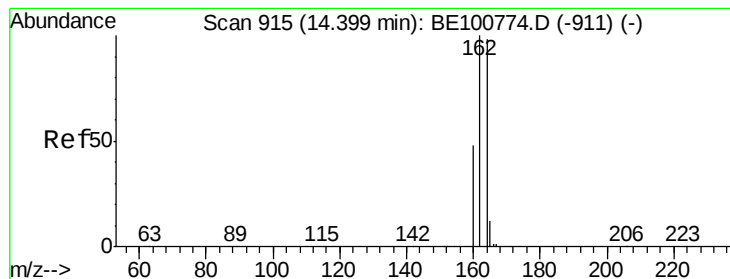
152 100

151 19.9 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: BE100848.D

Acq: 11 Dec 2019 16:16

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205

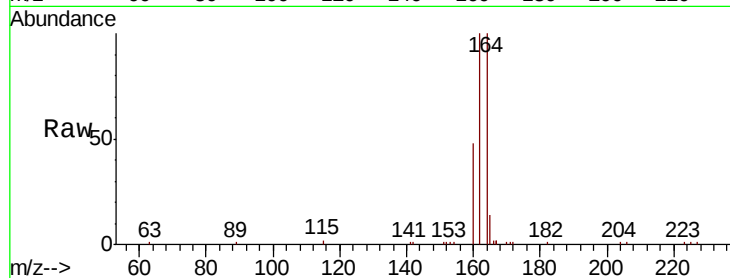
Tot Ion:164 Resp: 12996

Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.0

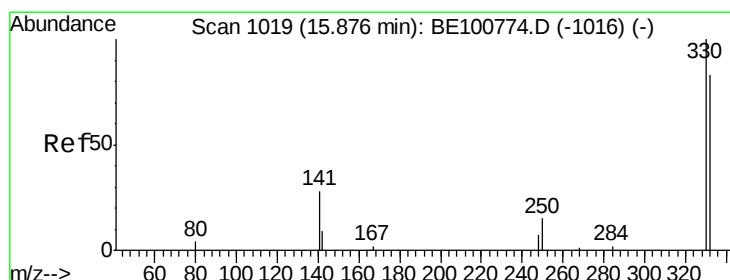
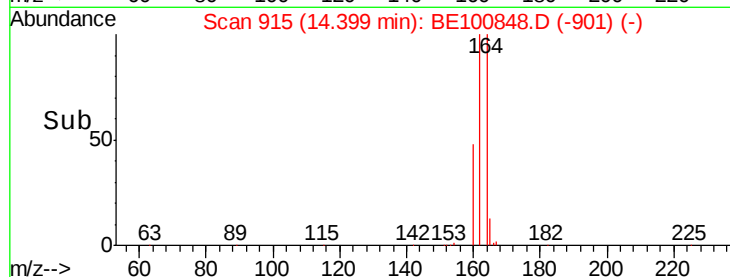
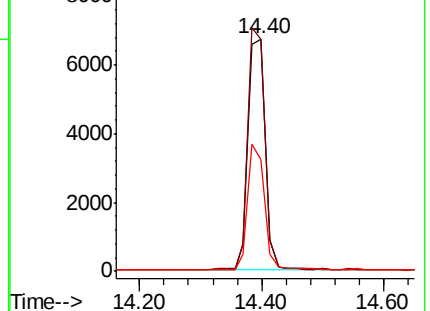
160 48.0 39.4 59.0



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: 0.597 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

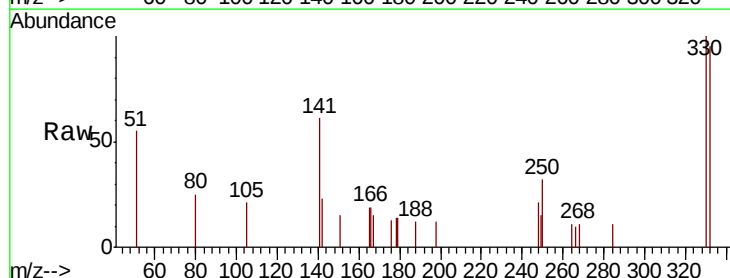
Tgt Ion:330 Resp: 863

Ion Ratio Lower Upper

330 100

332 101.5 69.4 104.2

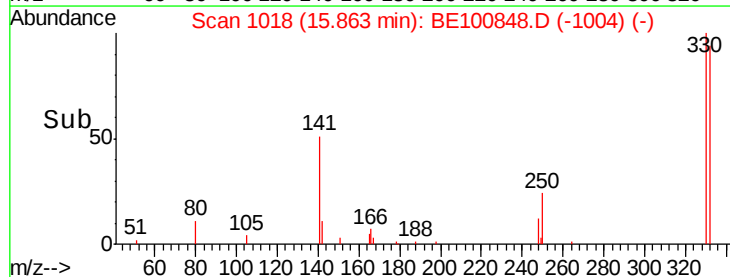
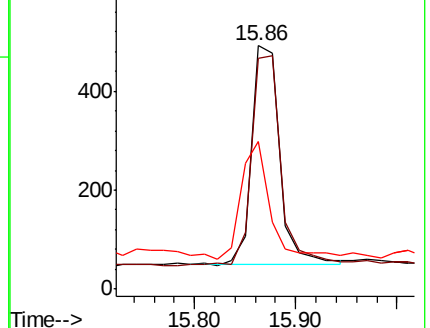
141 57.2 51.1 76.7

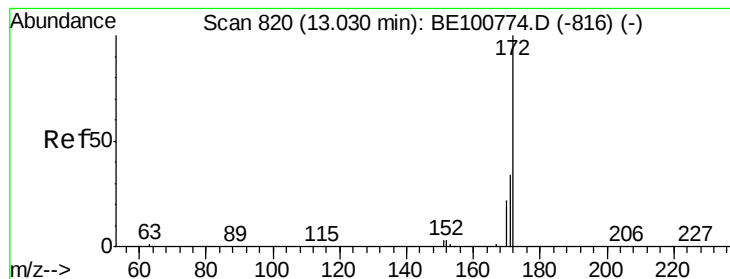


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.516 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205

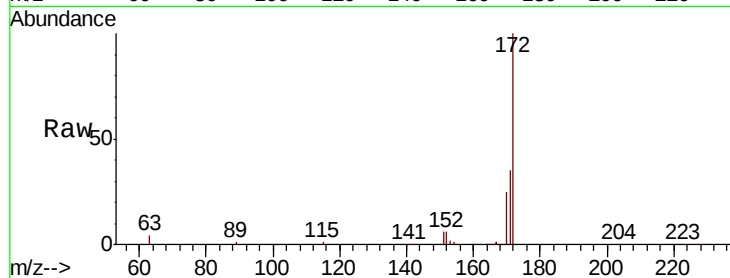
Tot Ion:172 Resp: 26610

Ion Ratio Lower Upper

172 100

171 35.2 27.2 40.8

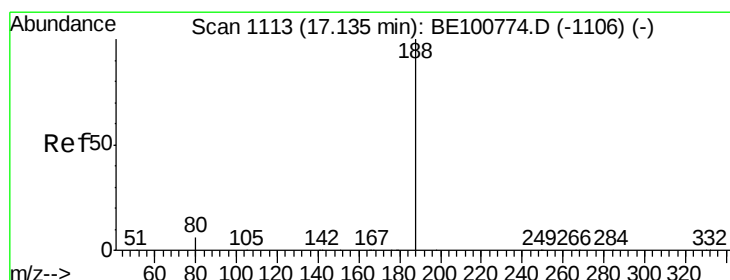
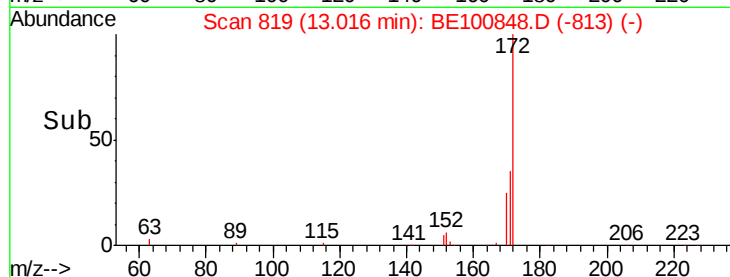
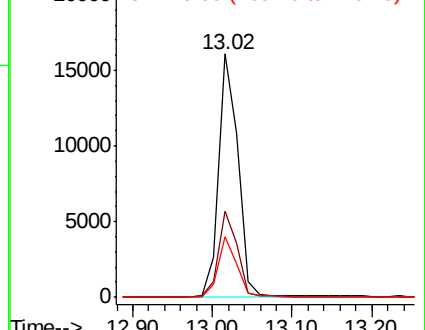
170 24.8 18.0 27.0



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: BE100848.D

Acq: 11 Dec 2019 16:16

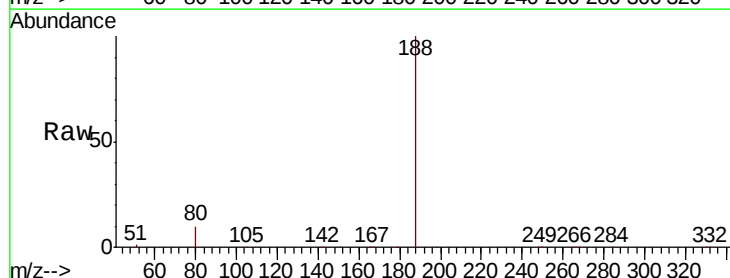
Tgt Ion:188 Resp: 30987

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

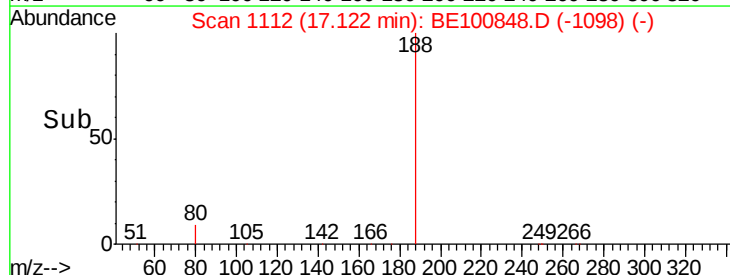
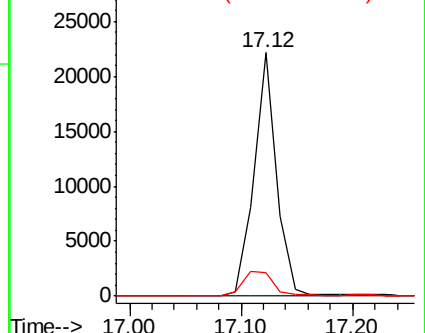
80 9.6 5.2 7.8#

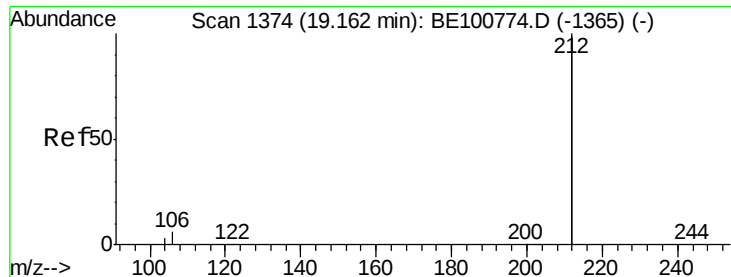


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

Instrument :

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TT101D-20191205

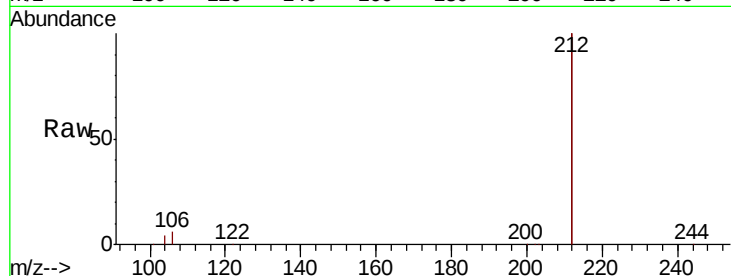
Tot Ion:212 Resp: 149914

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

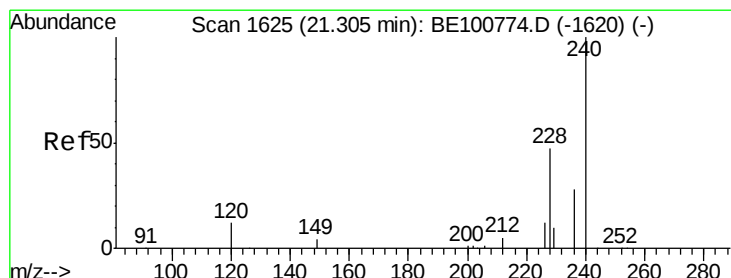
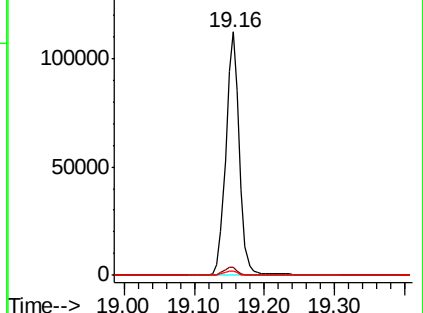
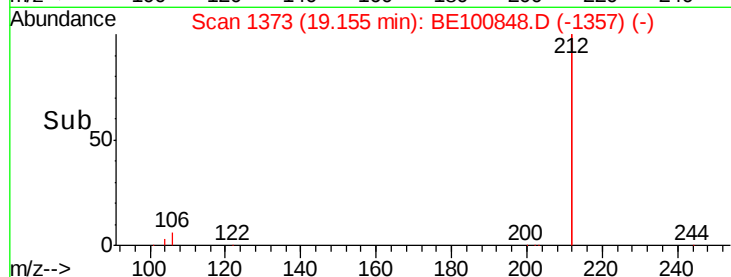
104 1.8 1.4 2.2



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: BE100848.D

Acq: 11 Dec 2019 16:16

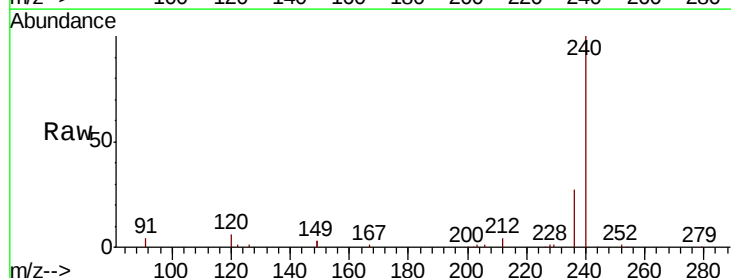
Tgt Ion:240 Resp: 25932

Ion Ratio Lower Upper

240 100

120 6.0 10.2 15.2#

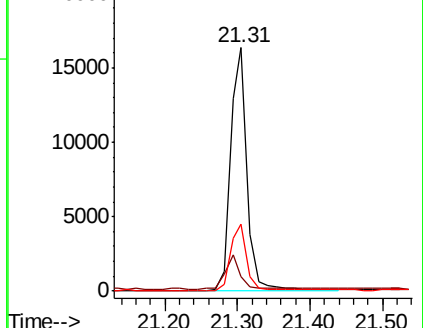
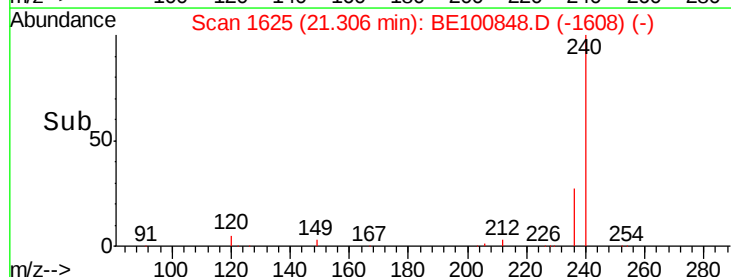
236 27.3 22.3 33.5

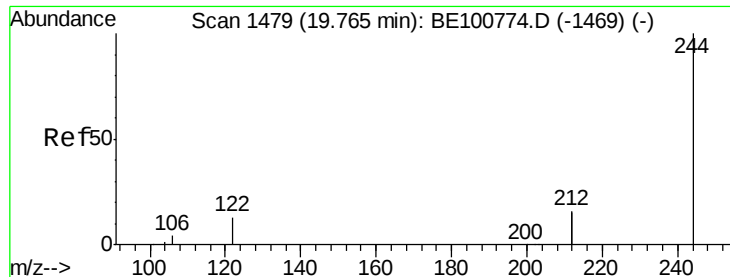


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.513 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205

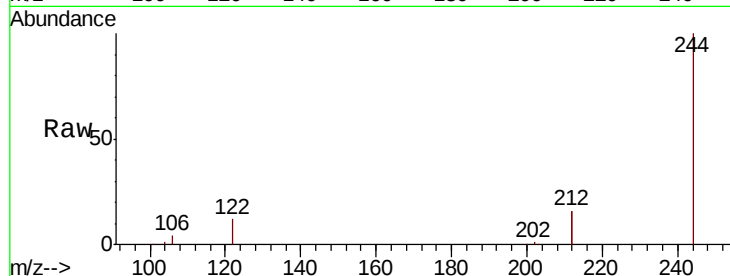
Tot Ion:244 Resp: 31885

Ion Ratio Lower Upper

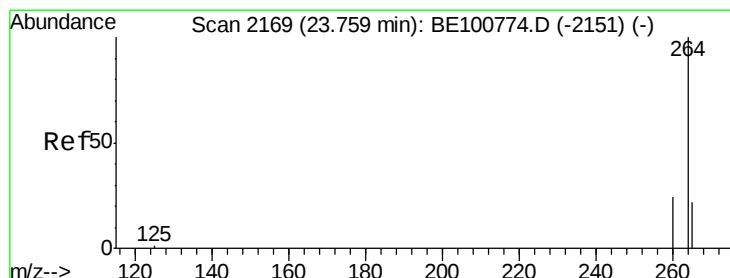
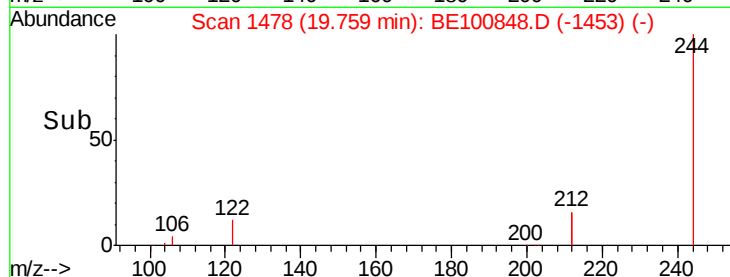
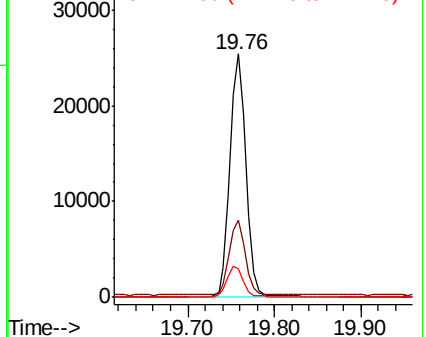
244 100

212 31.5 26.2 39.4

122 11.8 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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.75 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

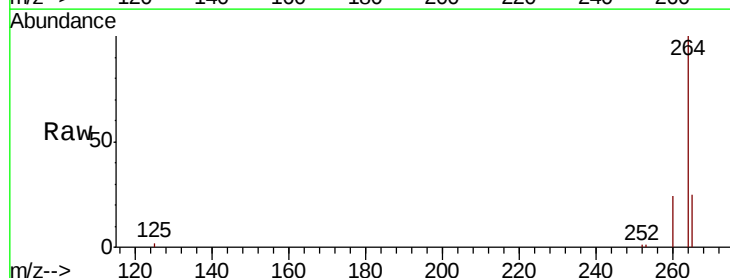
Tgt Ion:264 Resp: 27170

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 25.2 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

