

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100838.D
 Acq On : 11 Dec 2019 8:29
 Operator : JU
 Sample : K6185-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20191205

Quant Time: Dec 11 13:22:56 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

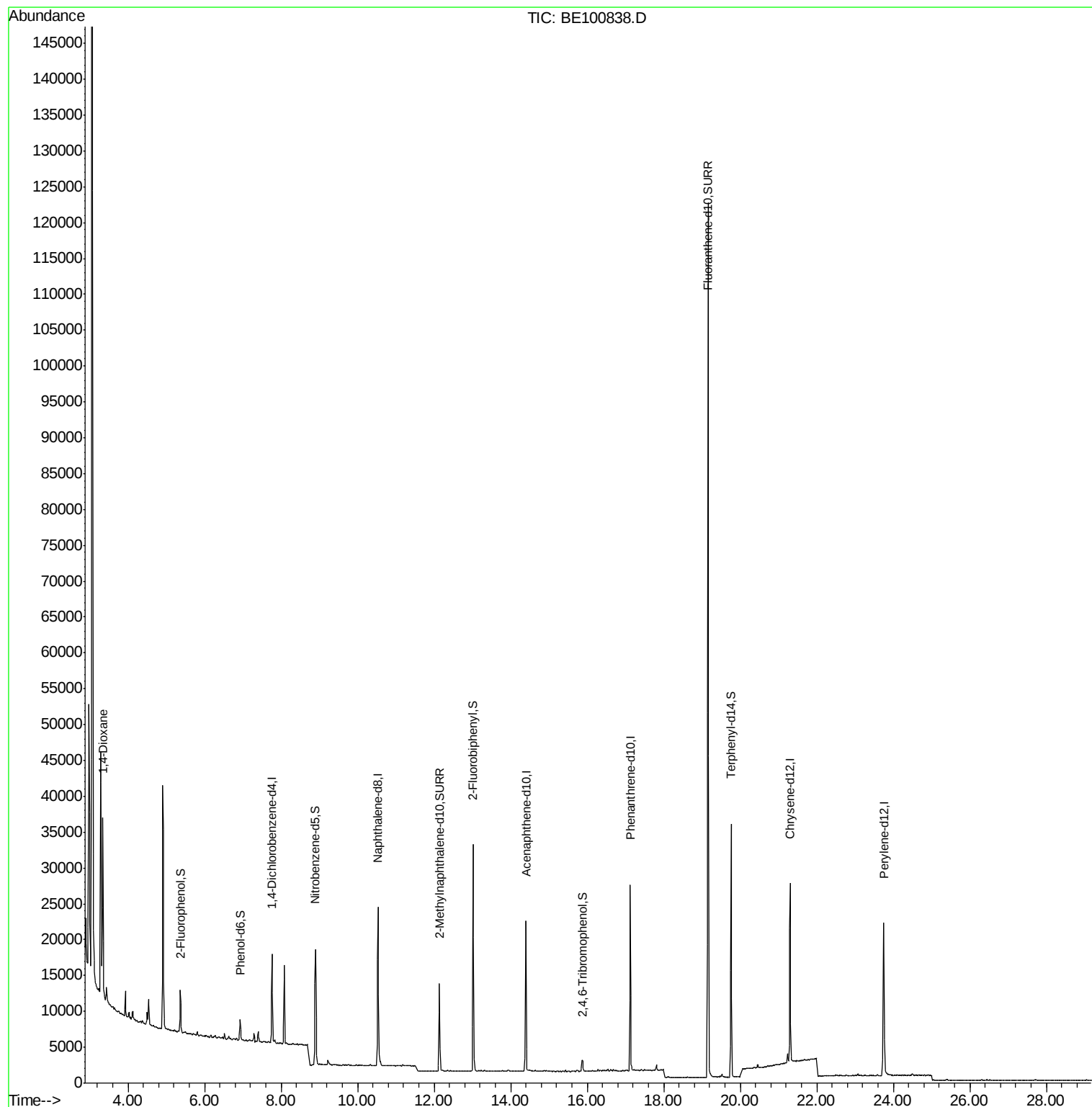
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5484	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	24760	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	14268	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	33922	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	26184	0.40	ng	0.00
34) Perylene-d12	23.75	264	30761	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2879	0.22	ng	0.00
5) Phenol-d6	6.93	99	2737	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	6650	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	16314	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1077	0.68	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	29157	0.52	ng	-0.01
25) Fluoranthene-d10	19.16	212	150888	0.38	ng	0.00
29) Terphenyl-d14	19.76	244	29568	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	14911	1.491	ng	Qvalue # 83

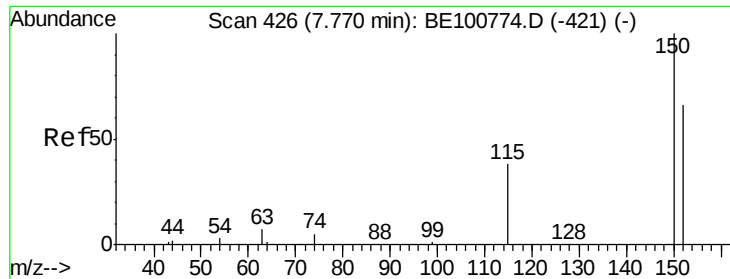
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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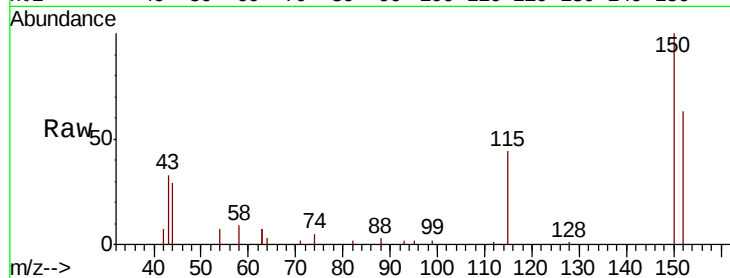




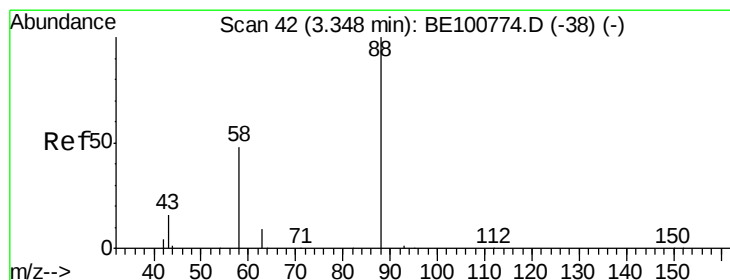
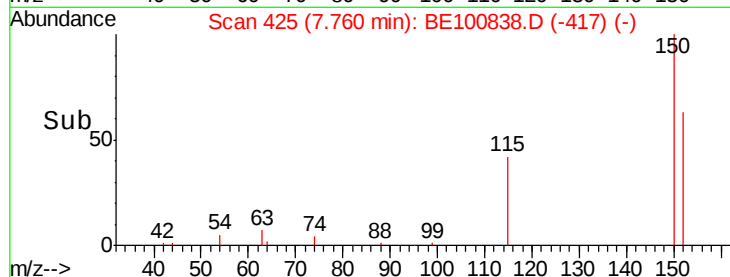
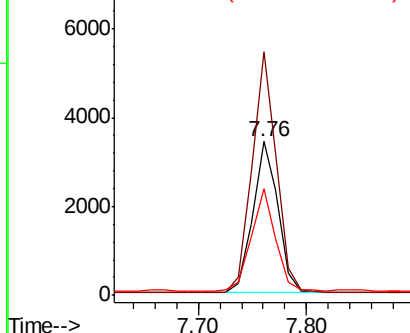
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.76 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BE100838.D
 Acq: 11 Dec 2019 8:29

Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20191205

Tot Ion:152 Resp: 5484
 Ion Ratio Lower Upper
 152 100
 150 158.6 120.6 181.0
 115 69.2 47.4 71.2

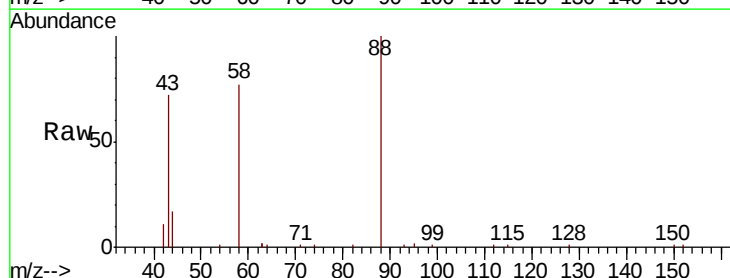


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

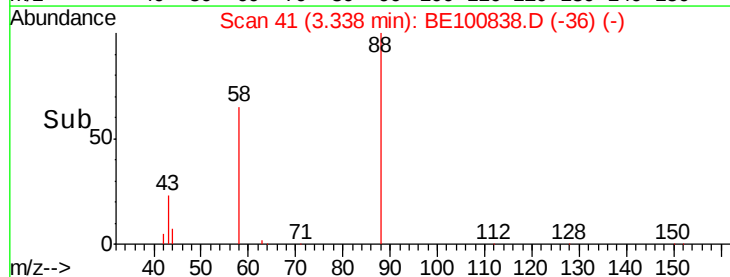
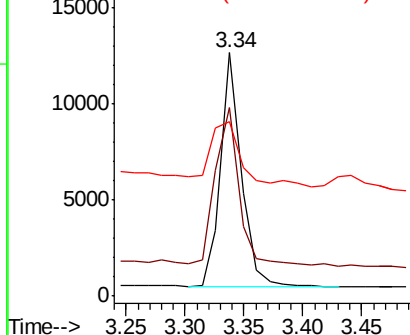


#2
 1,4-Dioxane
 Concen: 1.491 ng
 RT: 3.34 min Scan# 41
 Delta R.T. -0.01 min
 Lab File: BE100838.D
 Acq: 11 Dec 2019 8:29

Tgt Ion: 88 Resp: 14911
 Ion Ratio Lower Upper
 88 100
 58 76.5 52.5 78.7
 43 42.7 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: 0.221 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100838.D

Acq: 11 Dec 2019 8:29

Instrument :

BNA_E

ClientSampleId :

RE131D3-20191205

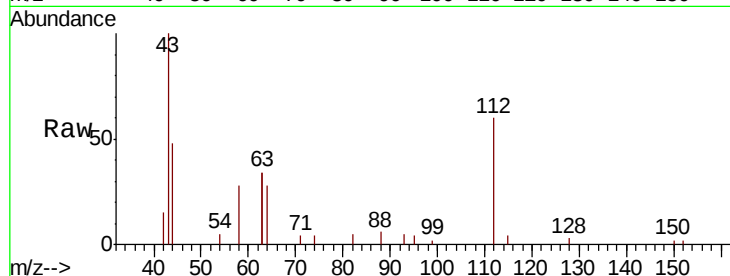
Tot Ion:112 Resp: 2879

Ion Ratio Lower Upper

112 100

64 65.7 54.1 81.1

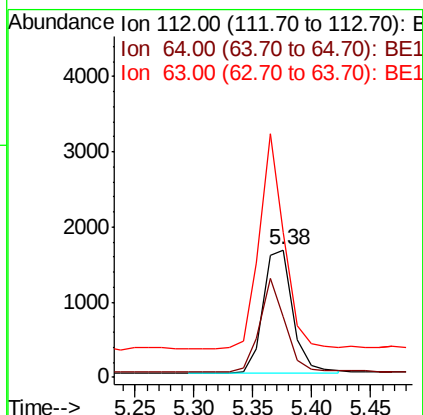
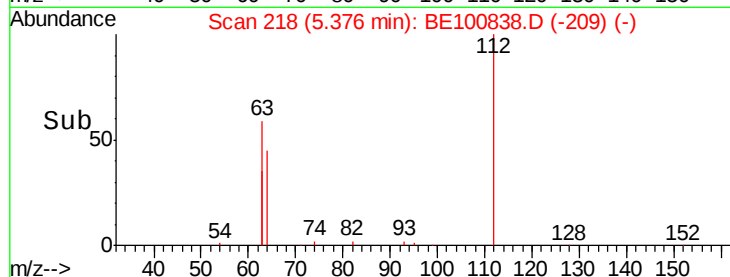
63 148.8 113.2 169.8



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: 0.139 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100838.D

Acq: 11 Dec 2019 8:29

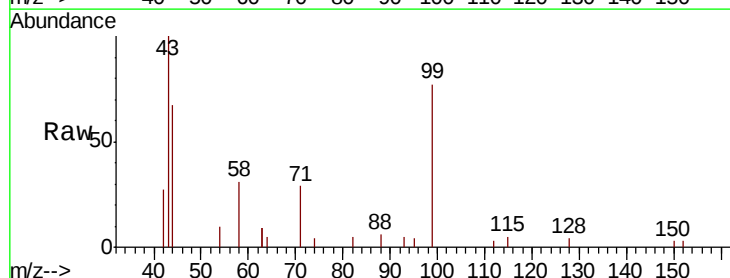
Tgt Ion: 99 Resp: 2737

Ion Ratio Lower Upper

99 100

42 24.6 19.1 28.7

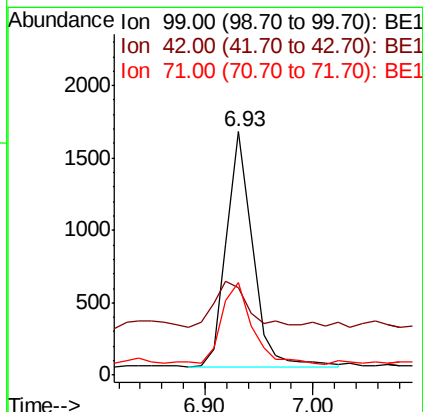
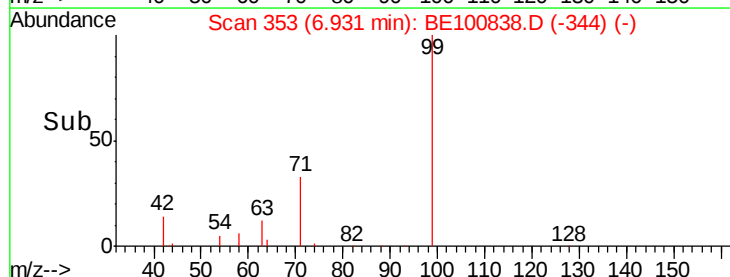
71 40.0 27.7 41.5

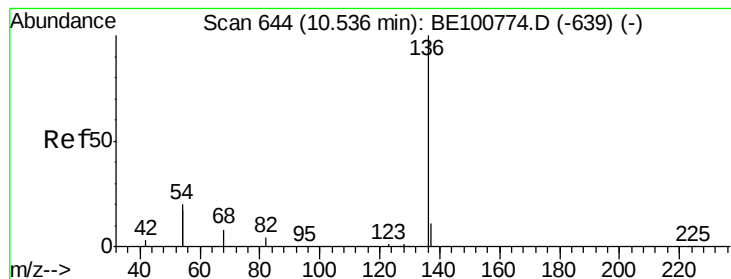


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100838.D

Acq: 11 Dec 2019 8:29

Instrument :

BNA_E

ClientSampleId :

RE131D3-20191205

Tot Ion:136 Resp: 24760

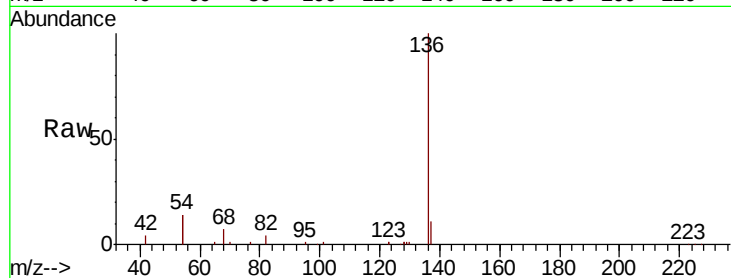
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 28.9 31.1 46.7#

68 6.7 6.6 10.0

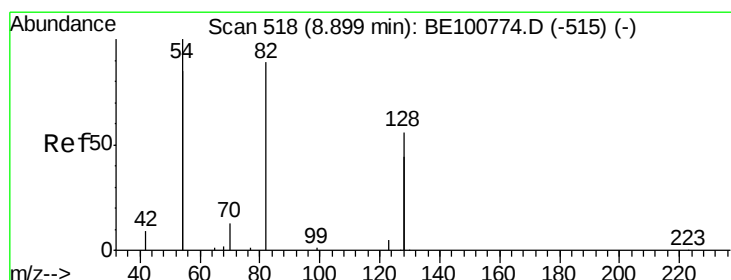
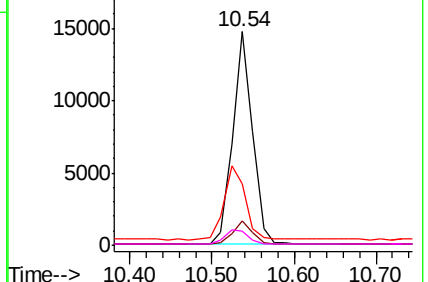
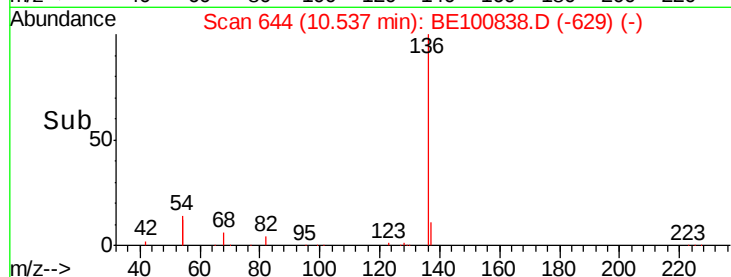


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.564 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100838.D

Acq: 11 Dec 2019 8:29

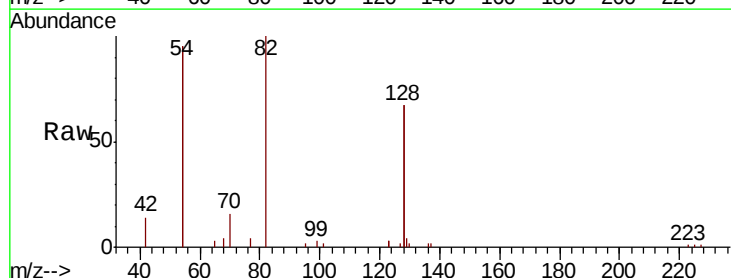
Tgt Ion: 82 Resp: 6650

Ion Ratio Lower Upper

82 100

128 133.5 97.0 145.4

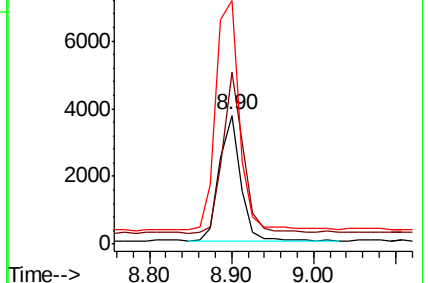
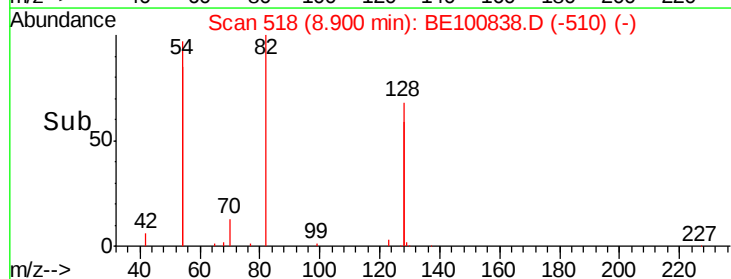
54 189.5 171.8 257.6



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.455 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100838.D

Acq: 11 Dec 2019 8:29

Instrument :

BNA_E

ClientSampleId :

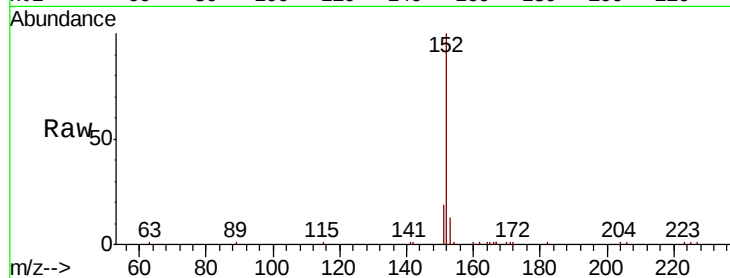
RE131D3-20191205

Tot Ion:152 Resp: 16314

Ion Ratio Lower Upper

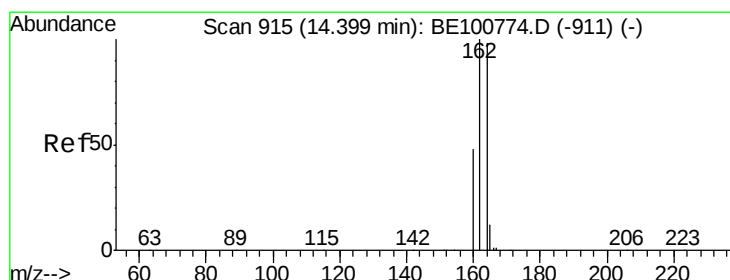
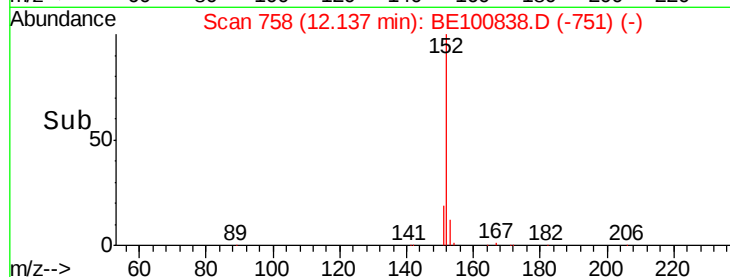
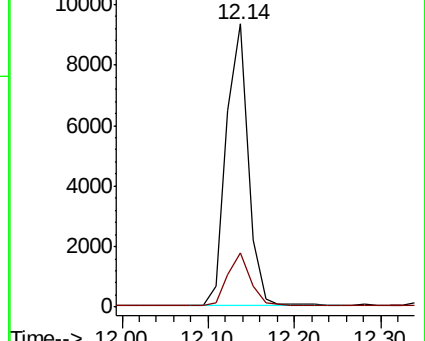
152 100

151 19.3 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: BE100838.D

Acq: 11 Dec 2019 8:29

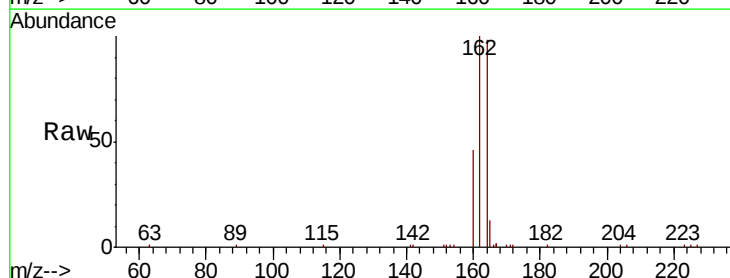
Tgt Ion:164 Resp: 14268

Ion Ratio Lower Upper

164 100

162 102.4 81.4 122.0

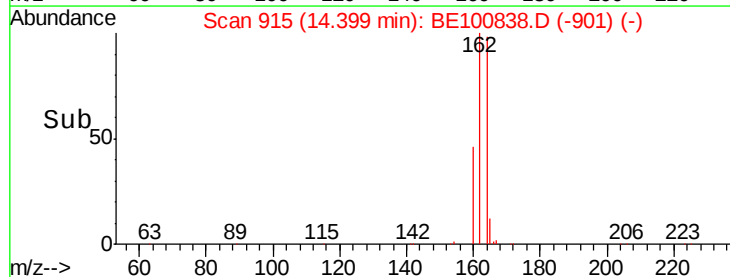
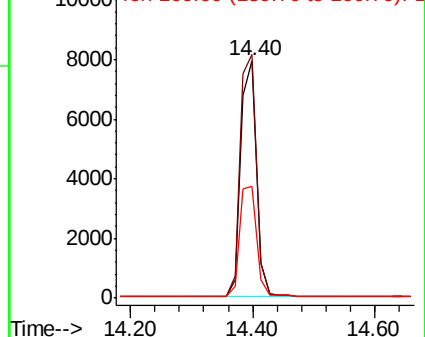
160 47.3 39.4 59.0



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

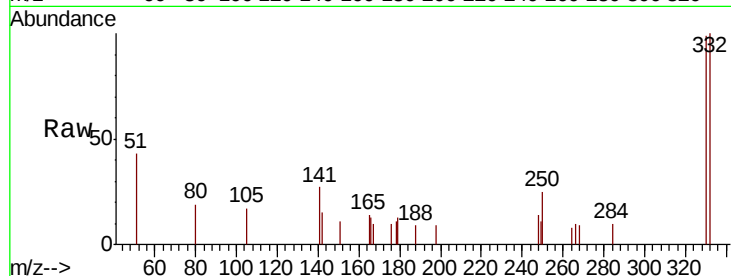




#14
 2,4,6-Tribromophenol
 Concen: 0.679 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE100838.D
 Acq: 11 Dec 2019 8:29

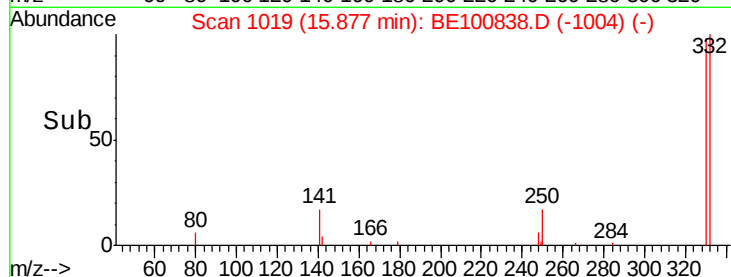
Instrument :
 BNA_E
 ClientSampleId :
 RE131D3-20191205

Tot Ion:330 Resp: 1077
 Ion Ratio Lower Upper
 330 100
 332 96.8 69.4 104.2
 141 56.0 51.1 76.7

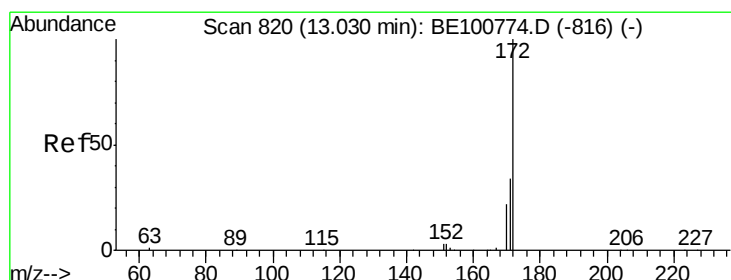


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

15.88

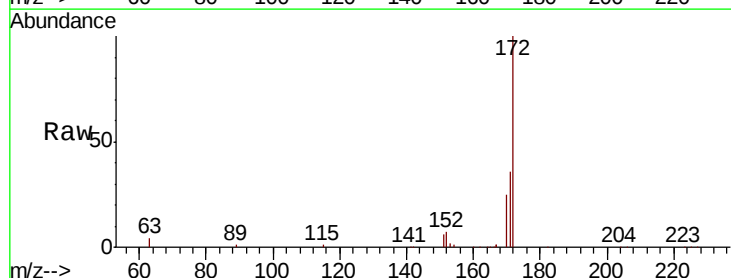


Time-->



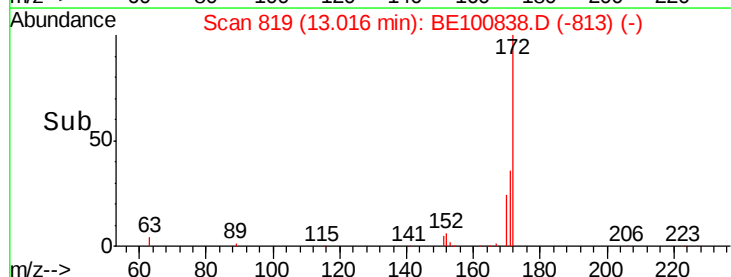
#15
 2-Fluorobiphenyl
 Concen: 0.515 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100838.D
 Acq: 11 Dec 2019 8:29

Tgt Ion:172 Resp: 29157
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.2 40.8
 170 24.6 18.0 27.0

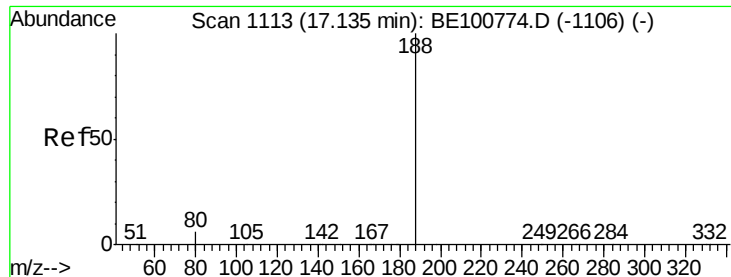


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

13.02



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100838.D

Acq: 11 Dec 2019 8:29

Instrument :

BNA_E

ClientSampleId :

RE131D3-20191205

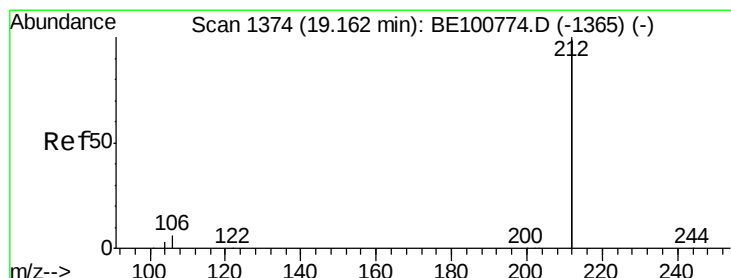
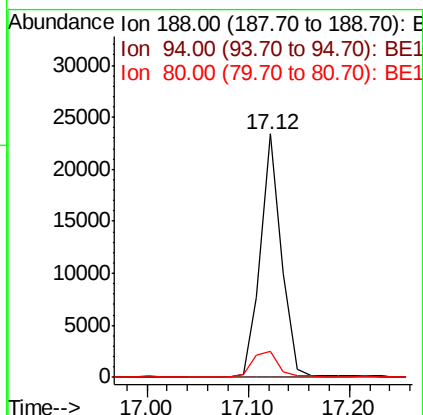
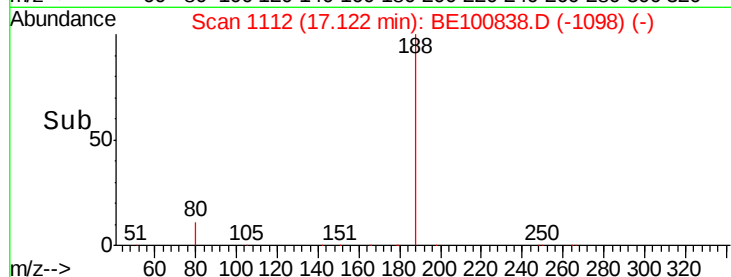
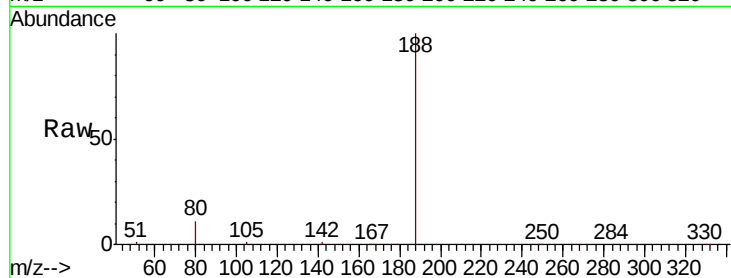
Tot Ion:188 Resp: 33922

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 5.2 7.8#



#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100838.D

Acq: 11 Dec 2019 8:29

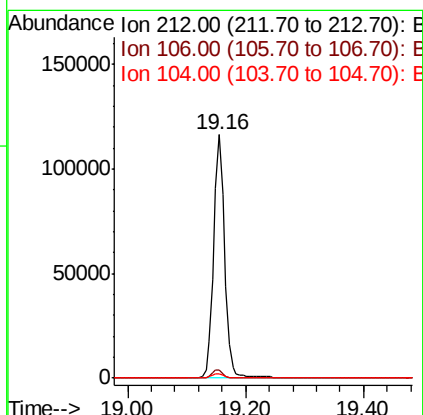
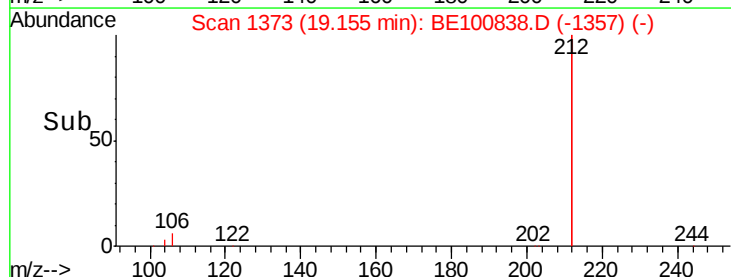
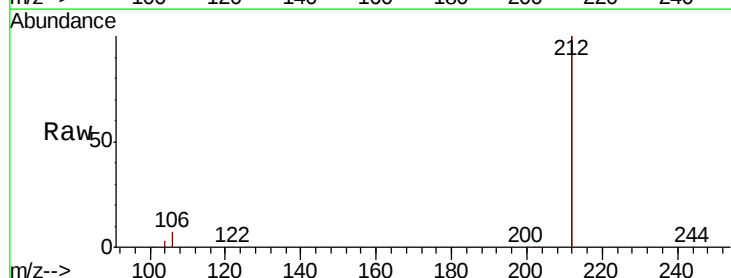
Tgt Ion:212 Resp: 150888

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# 1625

Delta R.T. 0.00 min

Lab File: BE100838.D

Acq: 11 Dec 2019 8:29

Instrument :

BNA_E

ClientSampleId :

RE131D3-20191205

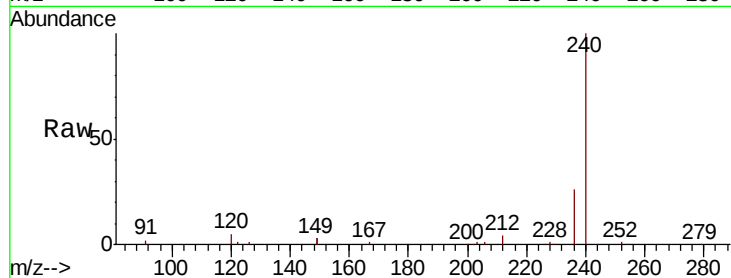
Tot Ion:240 Resp: 26184

Ion Ratio Lower Upper

240 100

120 5.5 10.2 15.2#

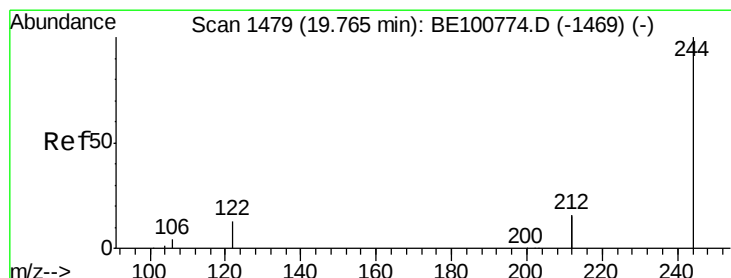
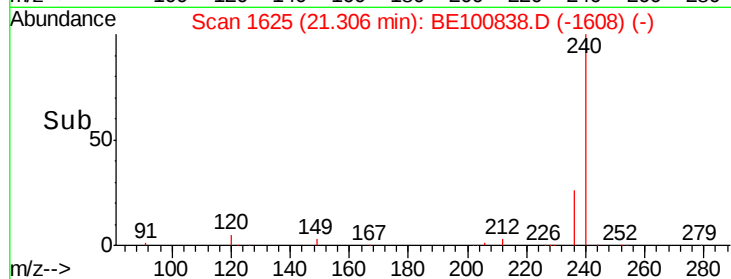
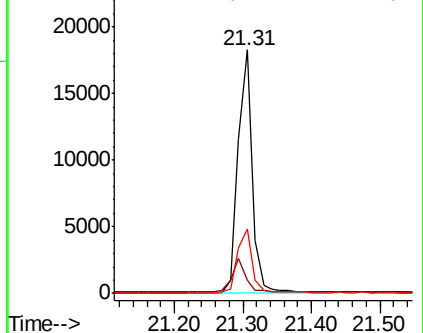
236 26.4 22.3 33.5



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: 0.471 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100838.D

Acq: 11 Dec 2019 8:29

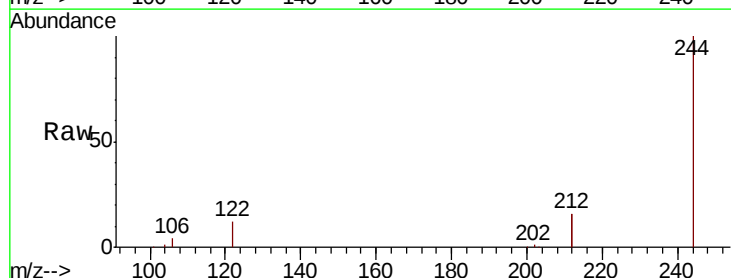
Tgt Ion:244 Resp: 29568

Ion Ratio Lower Upper

244 100

212 31.6 26.2 39.4

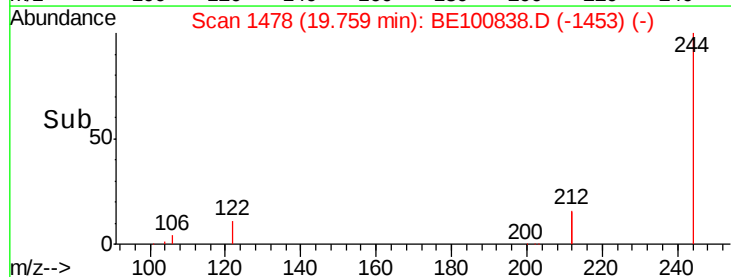
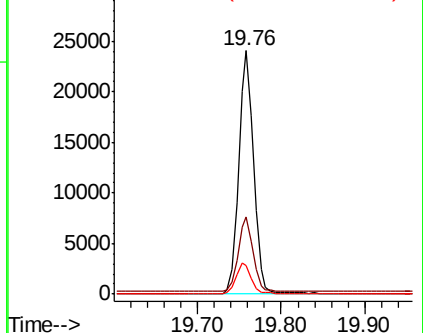
122 11.5 10.2 15.4

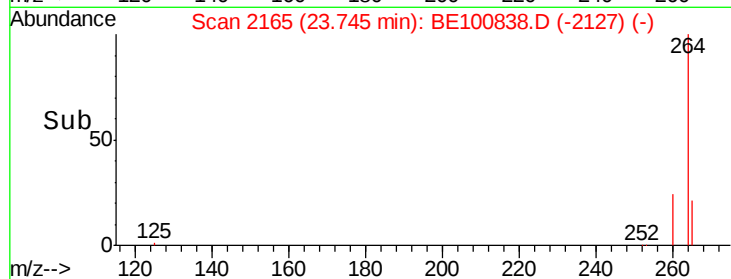
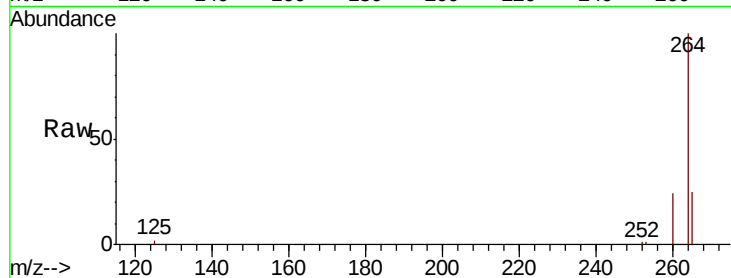
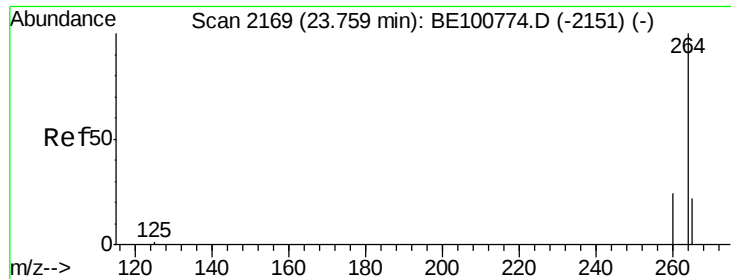


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.75 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE100838.D

Acq: 11 Dec 2019 8:29

Instrument :

BNA_E

ClientSampleId :

RE131D3-20191205

Tot Ion:264 Resp: 30761

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 24.8 21.8 32.8

