

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100858.D
 Acq On : 11 Dec 2019 23:39
 Operator : JU
 Sample : K6185-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20191205

Quant Time: Dec 12 05:35:47 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

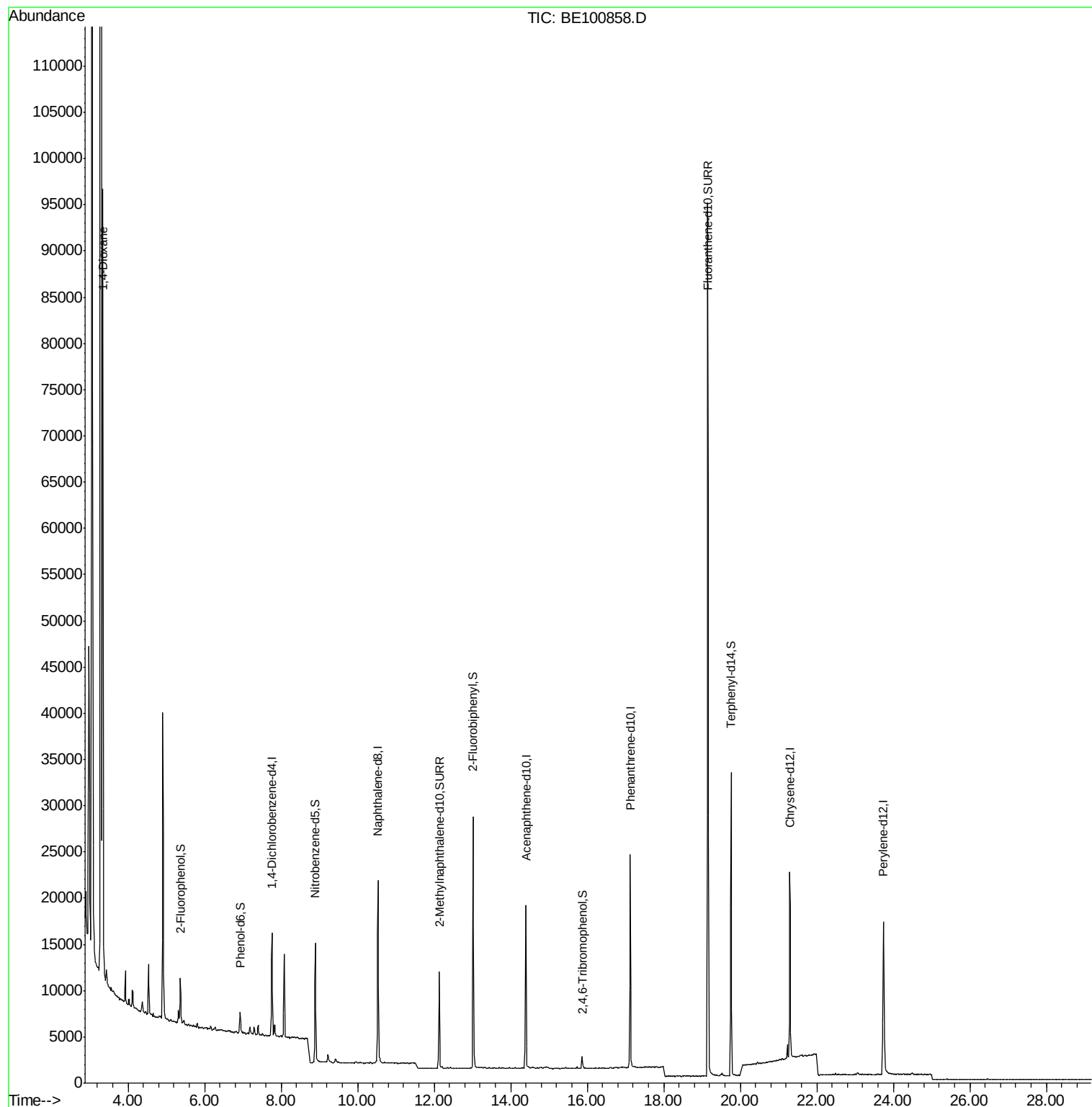
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4749	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	22618	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12594	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29812	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	22274	0.40	ng	-0.01
34) Perylene-d12	23.74	264	25638	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2359	0.21	ng	0.00
5) Phenol-d6	6.93	99	2219	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	5552	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14233	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	840	0.60	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	25167	0.50	ng	-0.01
25) Fluoranthene-d10	19.16	212	131038	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	27823	0.52	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	57428	6.633	ng	Qvalue 90

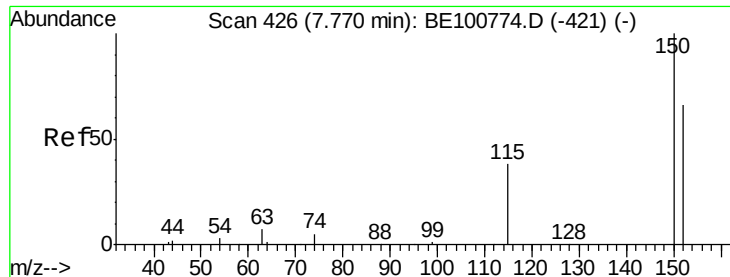
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 04 17:18:11 2019
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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: BE100858.D

Acq: 11 Dec 2019 23:39

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

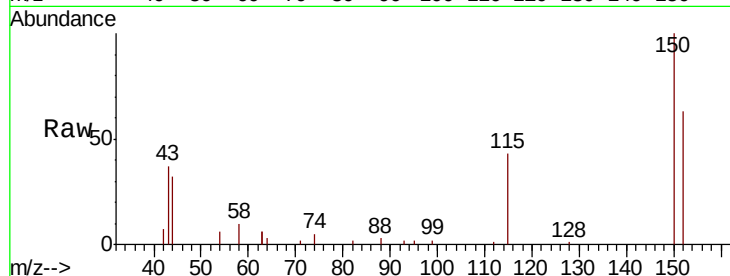
Tot Ion:152 Resp: 4749

Ion Ratio Lower Upper

152 100

150 159.8 120.6 181.0

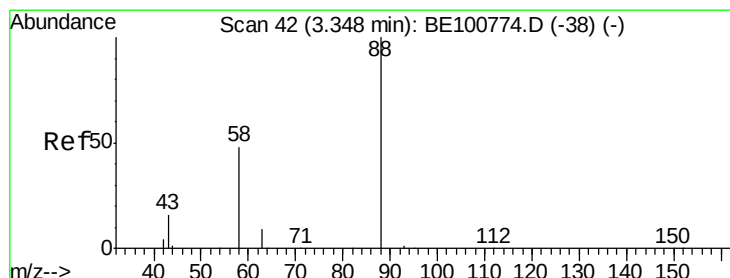
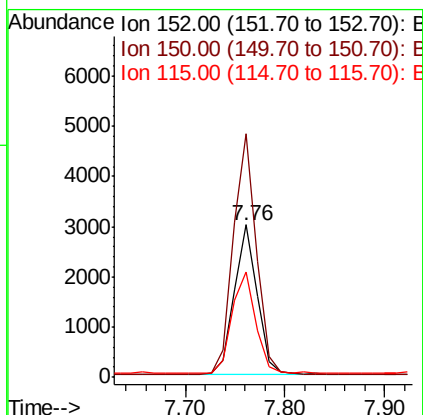
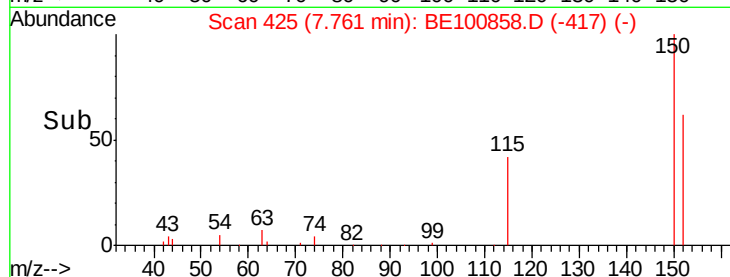
115 68.8 47.4 71.2



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: 6.633 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:39

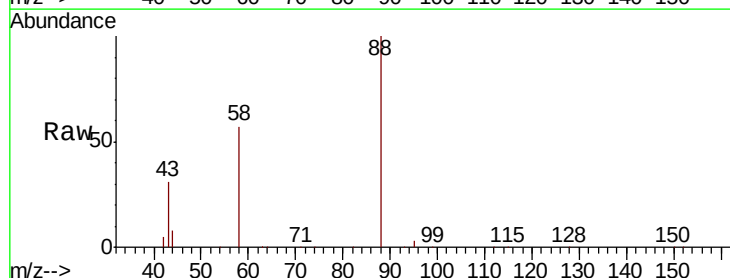
Tgt Ion: 88 Resp: 57428

Ion Ratio Lower Upper

88 100

58 74.5 52.5 78.7

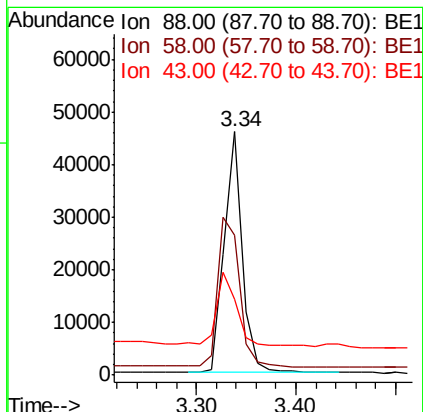
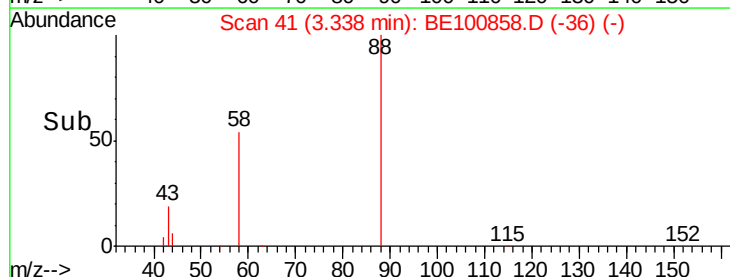
43 32.4 23.0 34.6

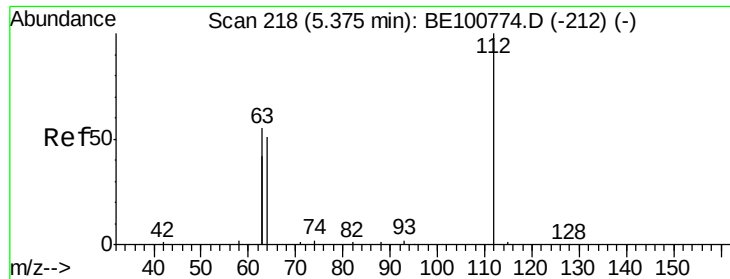


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.209 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:39

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

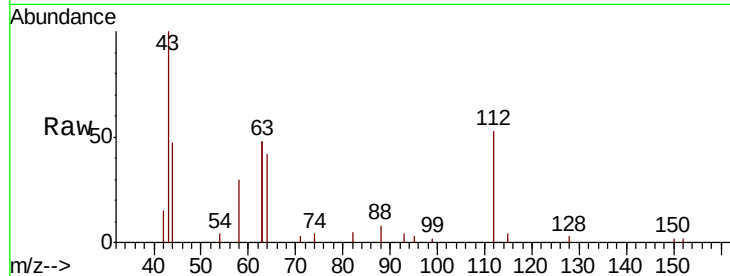
Tot Ion:112 Resp: 2359

Ion Ratio Lower Upper

112 100

64 66.6 54.1 81.1

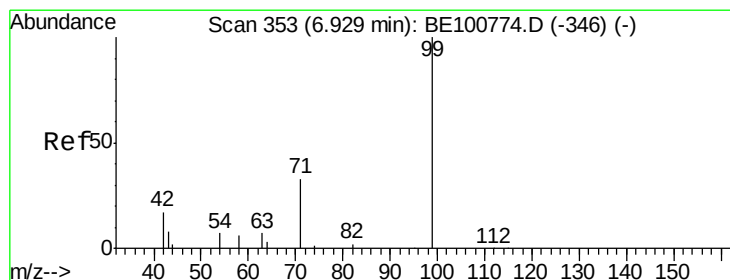
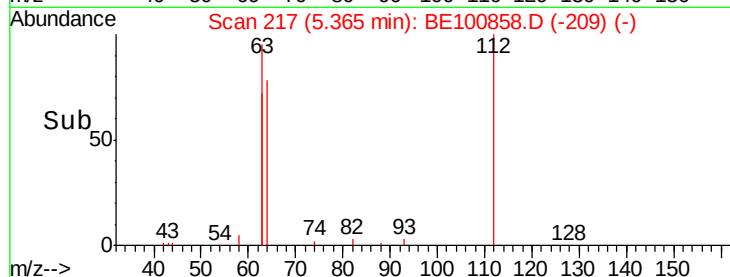
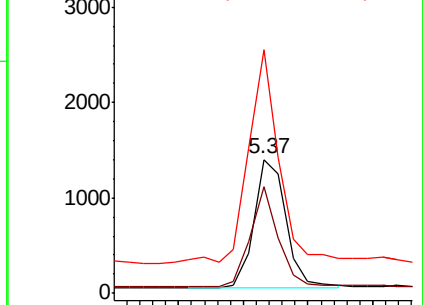
63 149.3 113.2 169.8



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: BE100858.D

Acq: 11 Dec 2019 23:39

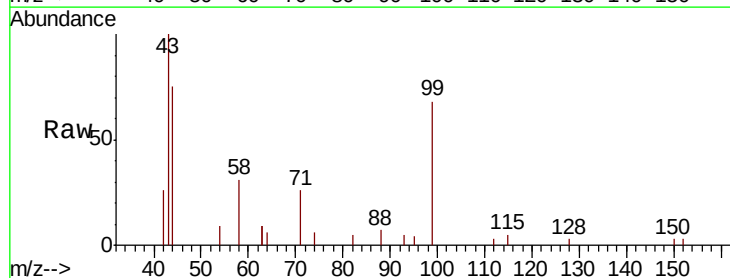
Tgt Ion: 99 Resp: 2219

Ion Ratio Lower Upper

99 100

42 21.9 19.1 28.7

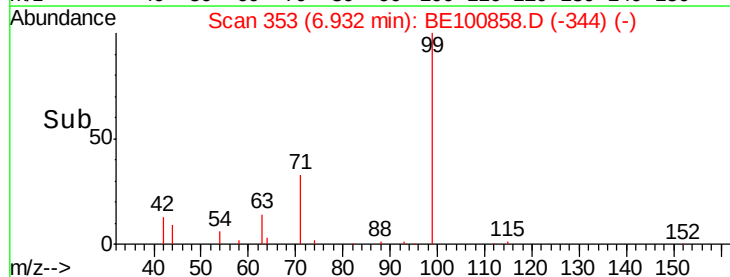
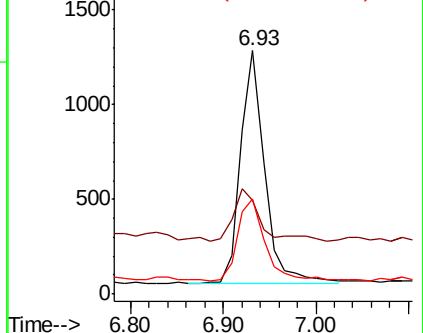
71 40.9 27.7 41.5

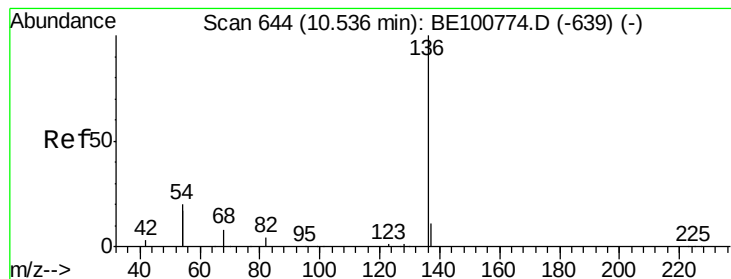


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100858.D

Acq: 11 Dec 2019 23:39

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

Tot Ion:136 Resp: 22618

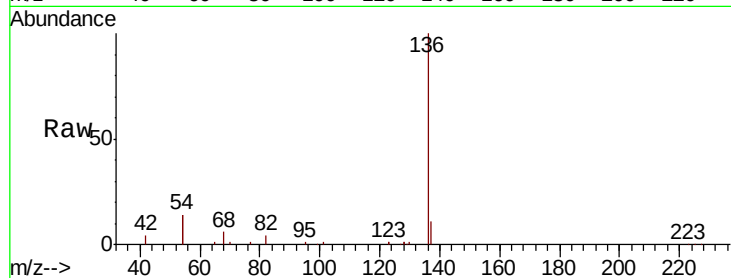
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 28.3 31.1 46.7#

68 6.1 6.6 10.0#



Abundance

Ion 136.00 (135.70 to 136.70): E

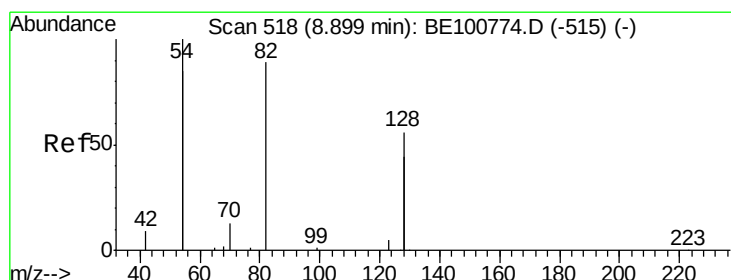
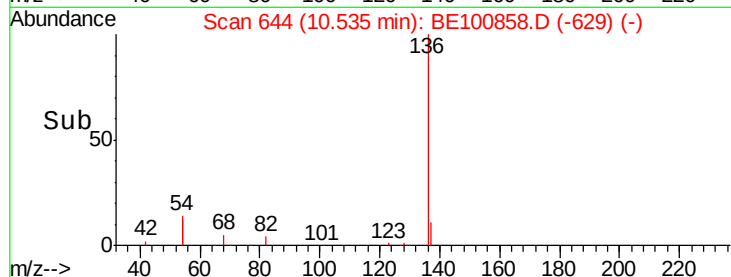
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1

10.54

Time-->



#8

Nitrobenzene-d5

Concen: 0.515 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:39

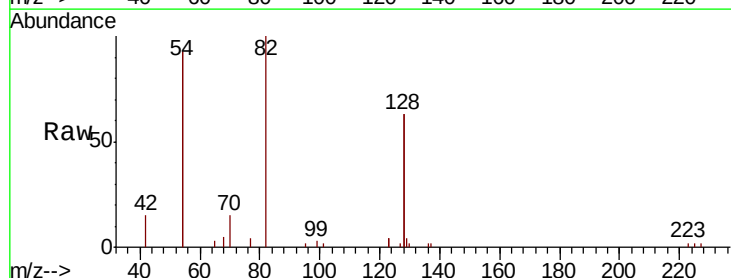
Tgt Ion: 82 Resp: 5552

Ion Ratio Lower Upper

82 100

128 126.4 97.0 145.4

54 185.4 171.8 257.6



Abundance

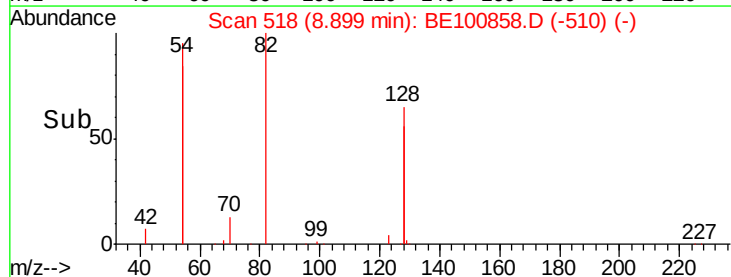
Ion 82.00 (81.70 to 82.70): BE1

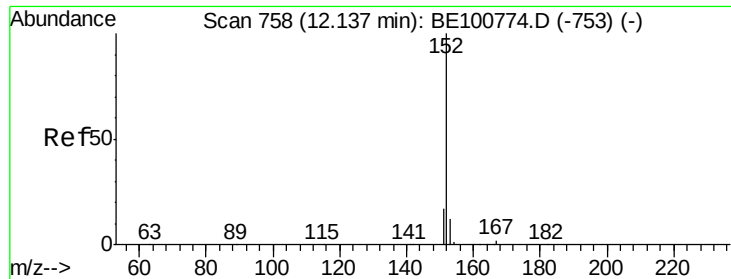
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

8.90

Time-->

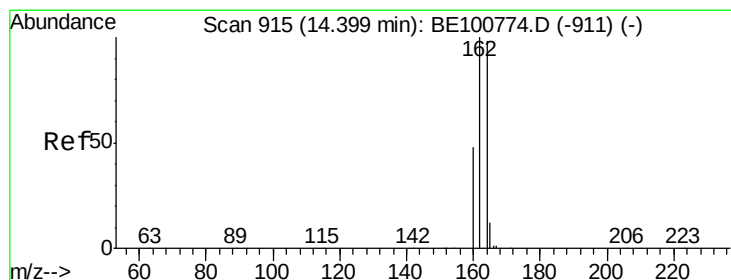
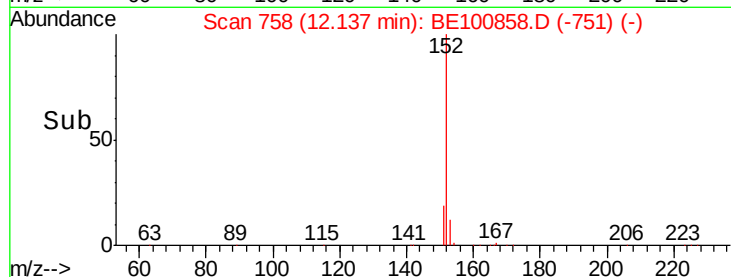
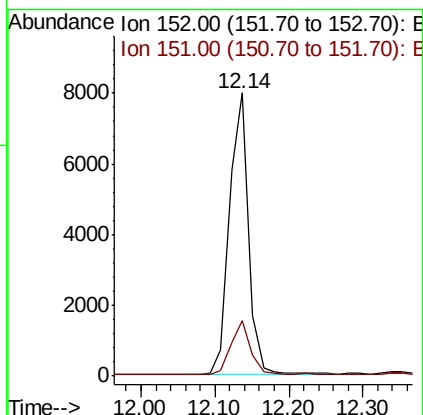
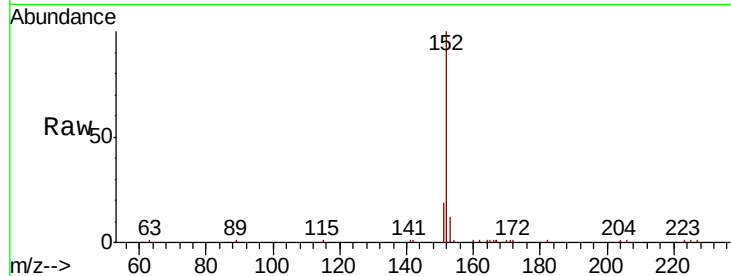




#11
 2-Methylnaphthalene-d10
 Concen: 0.434 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100858.D
 Acq: 11 Dec 2019 23:39

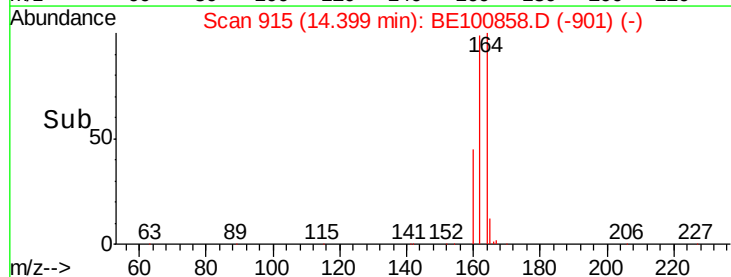
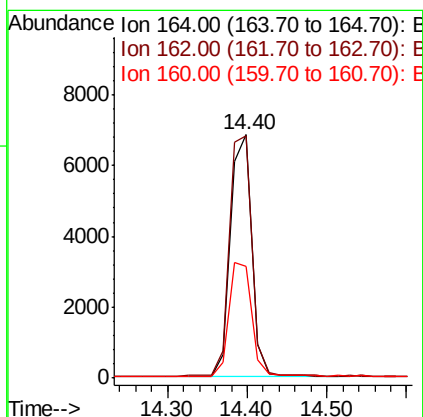
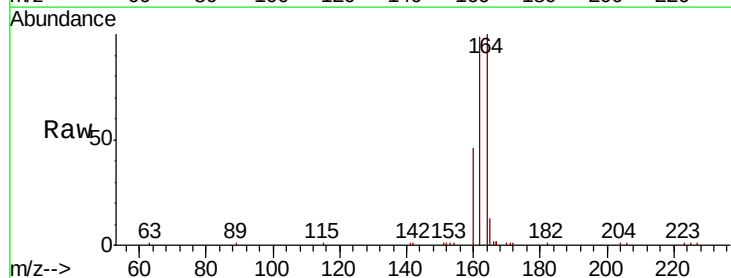
Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20191205

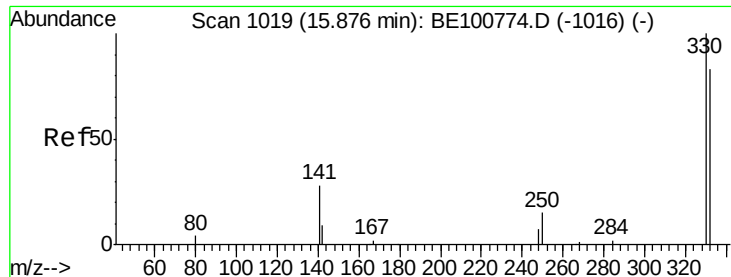
Tot Ion:152 Resp: 14233
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BE100858.D
 Acq: 11 Dec 2019 23:39

Tgt Ion:164 Resp: 12594
 Ion Ratio Lower Upper
 164 100
 162 99.4 81.4 122.0
 160 45.8 39.4 59.0

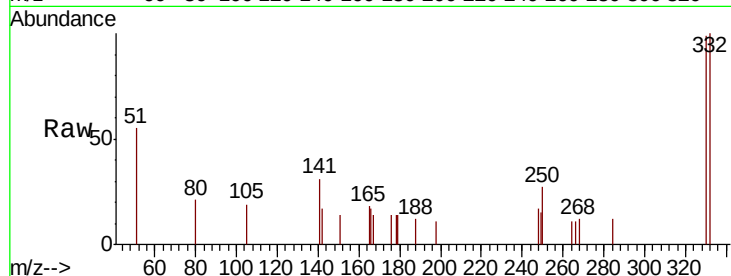




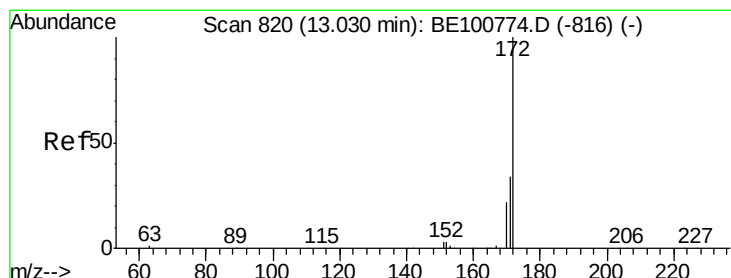
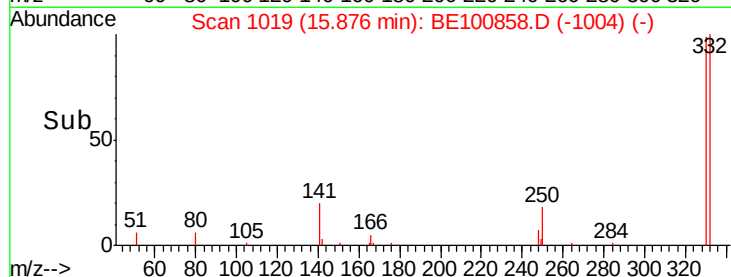
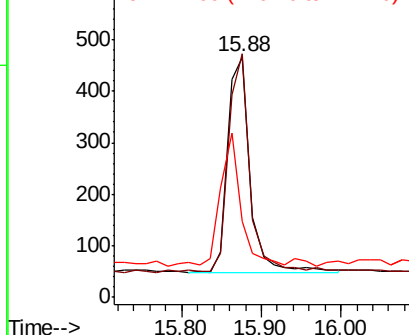
#14
 2,4,6-Tribromophenol
 Concen: 0.600 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100858.D
 Acq: 11 Dec 2019 23:39

Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20191205

Tot Ion:330 Resp: 840
 Ion Ratio Lower Upper
 330 100
 332 92.4 69.4 104.2
 141 53.1 51.1 76.7

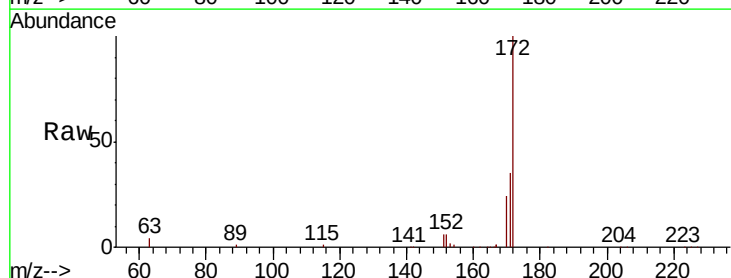


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

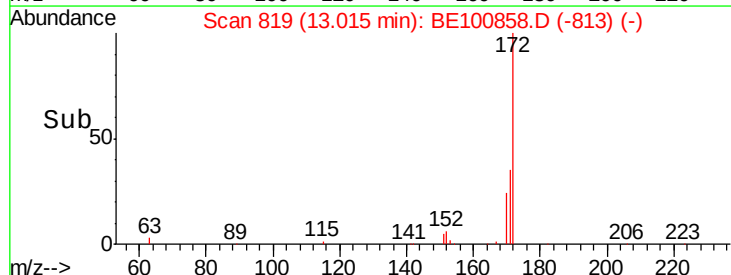
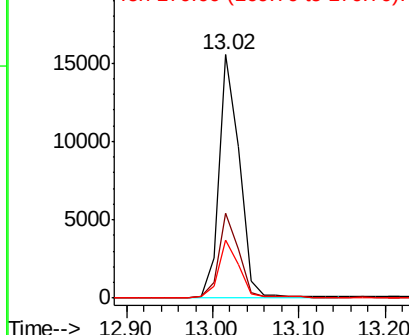


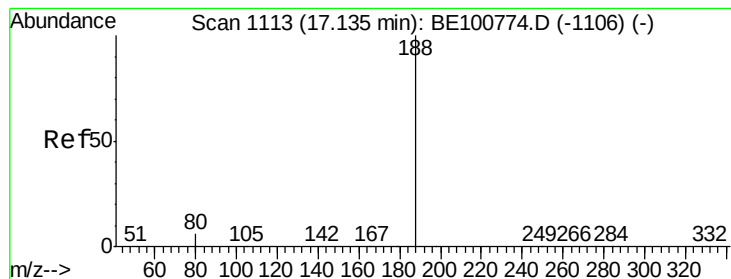
#15
 2-Fluorobiphenyl
 Concen: 0.504 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100858.D
 Acq: 11 Dec 2019 23:39

Tgt Ion:172 Resp: 25167
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.2 40.8
 170 24.0 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: BE100858.D

Acq: 11 Dec 2019 23:39

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

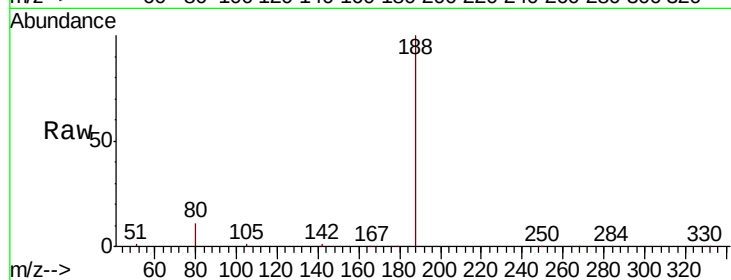
Tot Ion:188 Resp: 29812

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

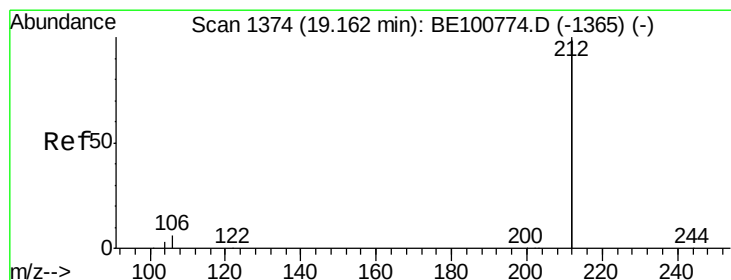
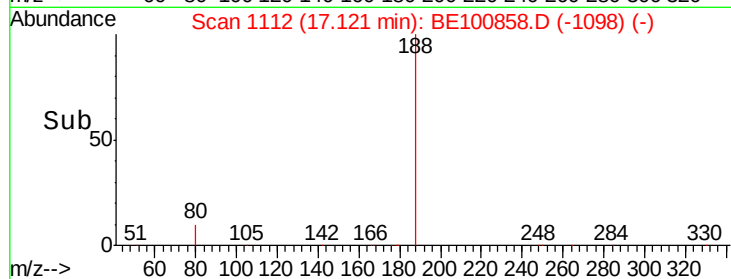
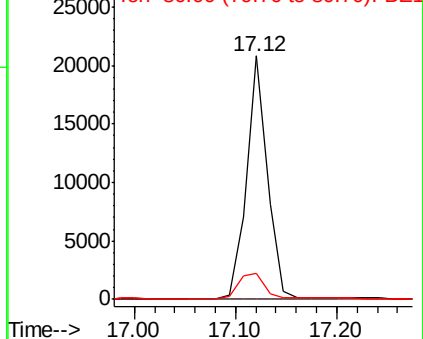
80 10.7 5.2 7.8#



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: 0.372 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:39

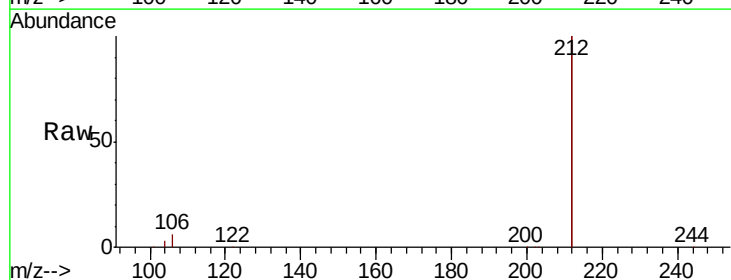
Tgt Ion:212 Resp: 131038

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

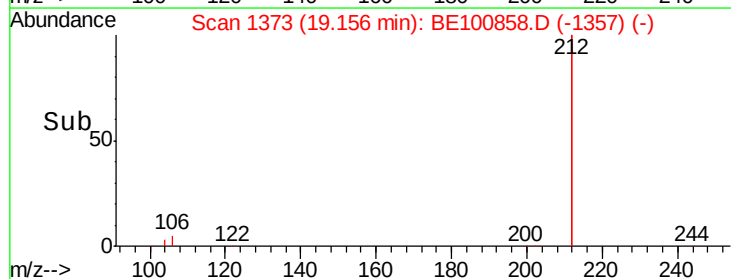
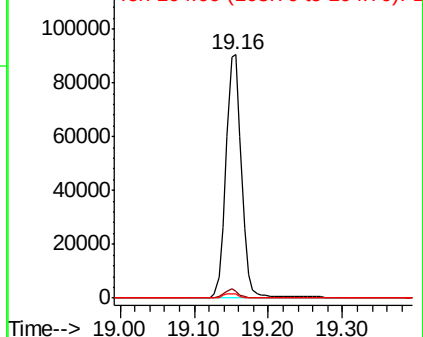
104 1.8 1.4 2.2

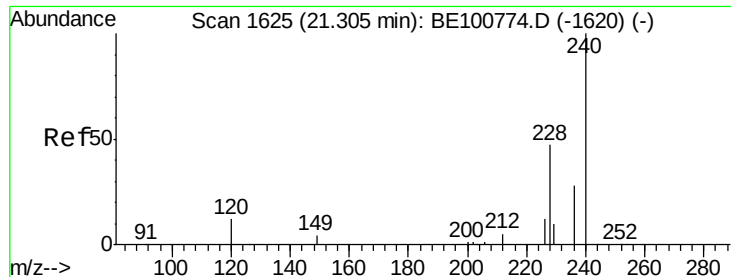


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

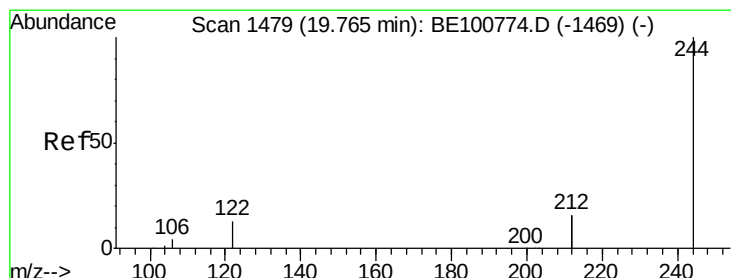
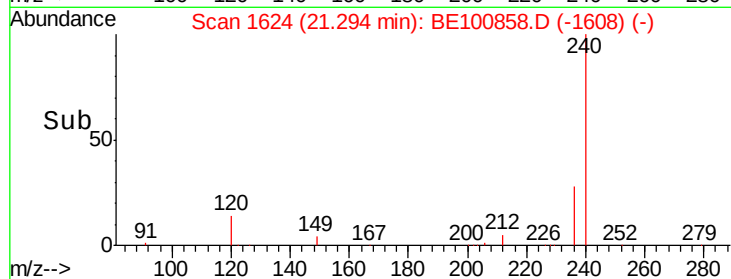
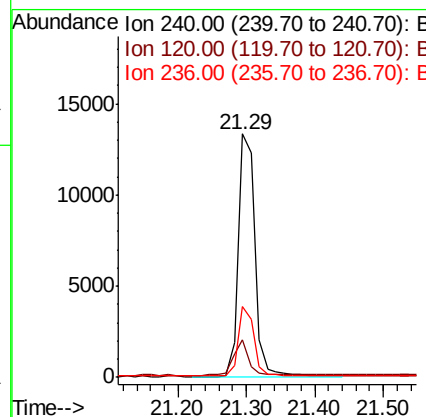
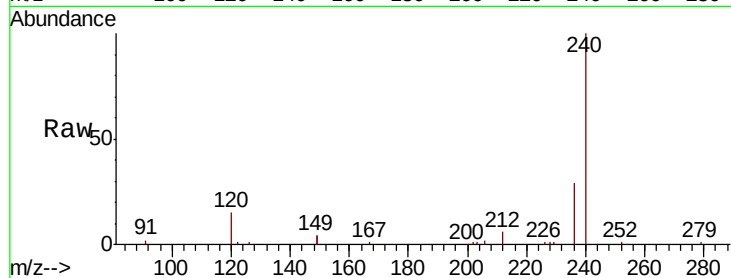




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE100858.D
 Acq: 11 Dec 2019 23:39

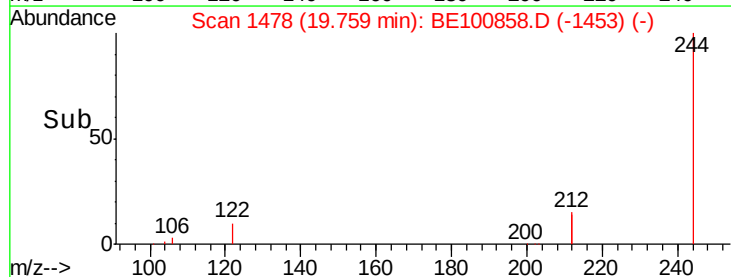
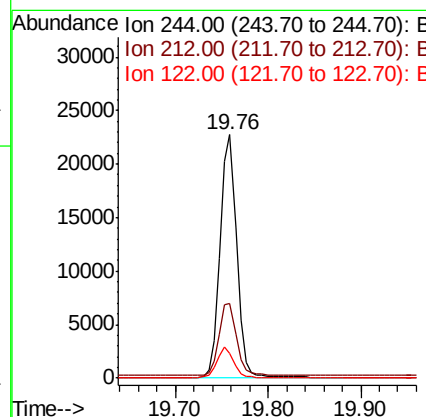
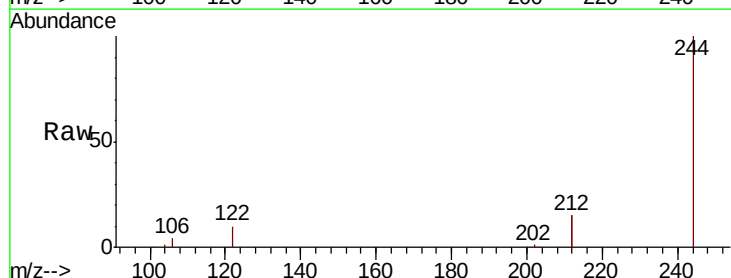
Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20191205

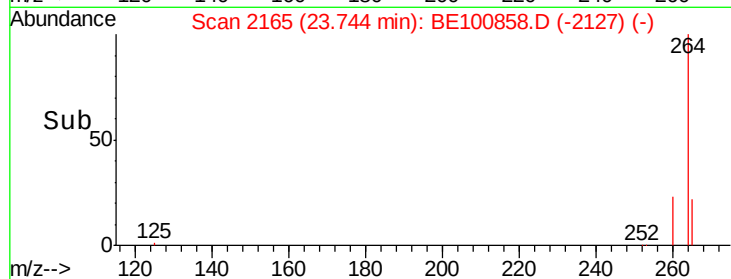
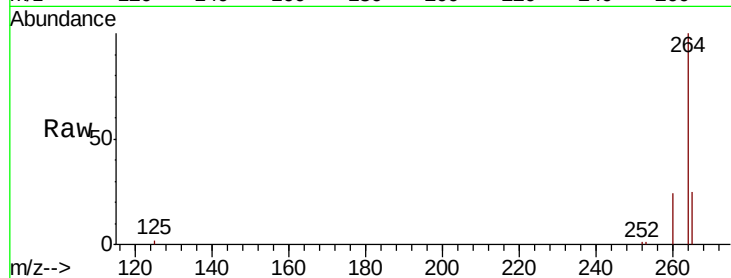
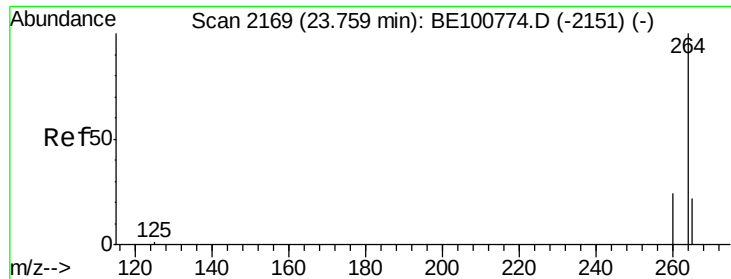
Tot Ion:240 Resp: 22274
 Ion Ratio Lower Upper
 240 100
 120 15.3 10.2 15.2#
 236 28.8 22.3 33.5



#29
 Terphenyl-d14
 Concen: 0.521 ng
 RT: 19.76 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BE100858.D
 Acq: 11 Dec 2019 23:39

Tgt Ion:244 Resp: 27823
 Ion Ratio Lower Upper
 244 100
 212 30.5 26.2 39.4
 122 10.2 10.2 15.4#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BE100858.D

Acq: 11 Dec 2019 23:39

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205

Tot Ion:264 Resp: 25638

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 25.2 21.8 32.8

