

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100883.D
 Acq On : 13 Dec 2019 12:46
 Operator : JU
 Sample : K6185-06DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20191205DL

Quant Time: Dec 13 15:29:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

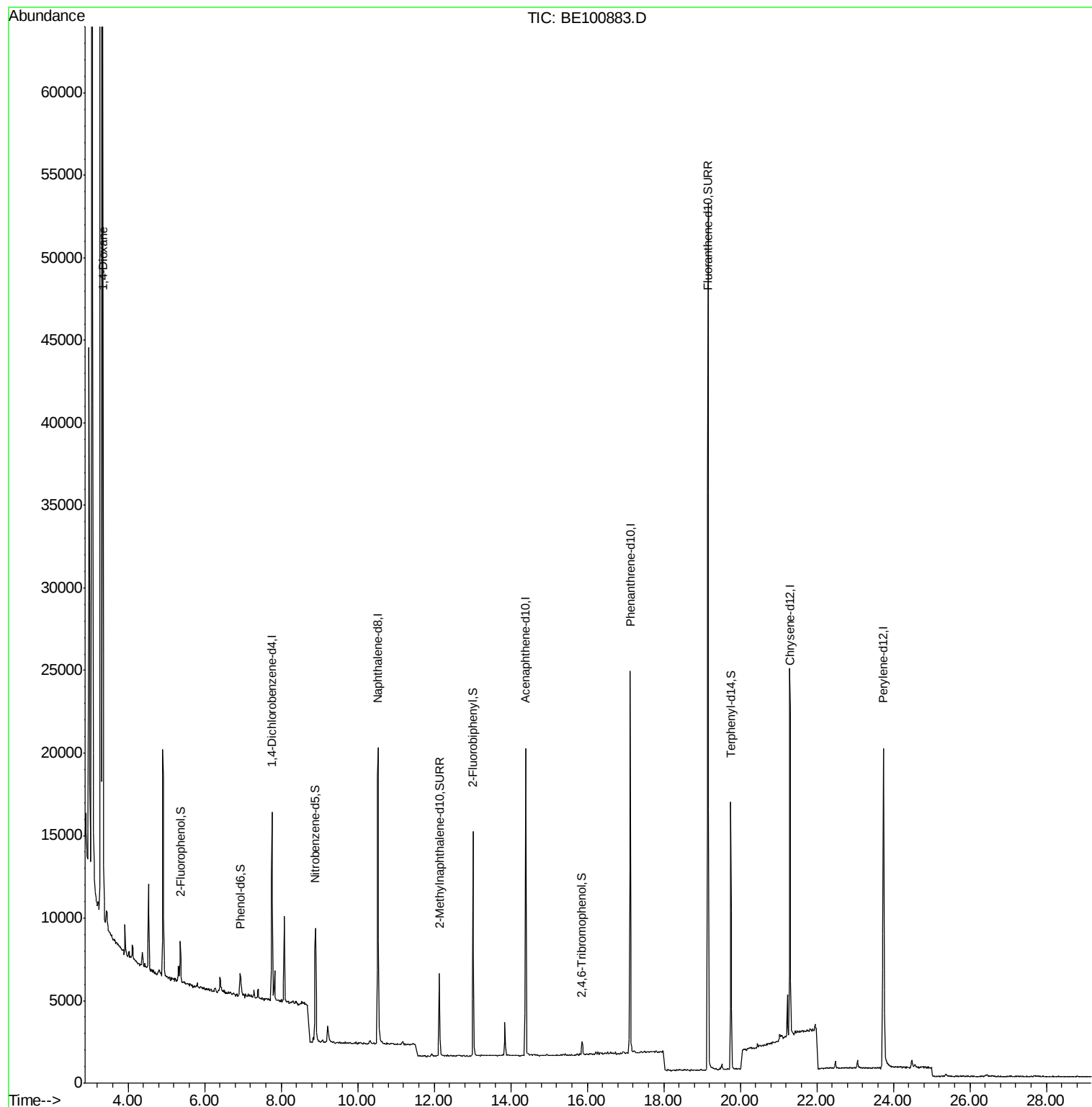
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5051	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	22355	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	12501	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30369	0.40	ng	0.00
27) Chrysene-d12	21.30	240	25245	0.40	ng	0.00
34) Perylene-d12	23.74	264	29236	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1294	0.11	ng	-0.01
5) Phenol-d6	6.93	99	1298	0.07	ng	0.00
8) Nitrobenzene-d5	8.90	82	3157	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	7209	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	492	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	11958	0.24	ng	0.00
25) Fluoranthene-d10	19.15	212	73310	0.20	ng	0.00
29) Terphenyl-d14	19.75	244	14223	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	36024	3.912	ng	Qvalue # 88

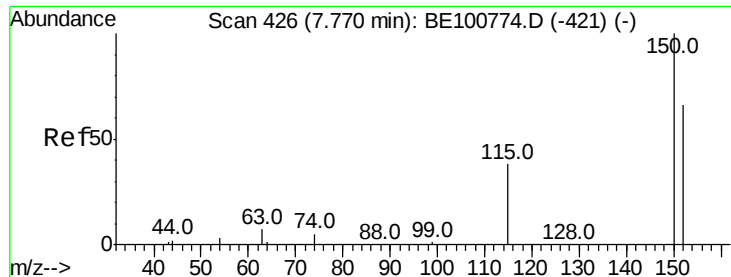
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 10:42:38 2019
Response via : Initial Calibration



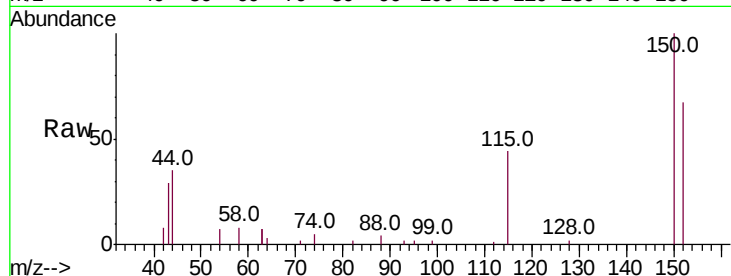


#1

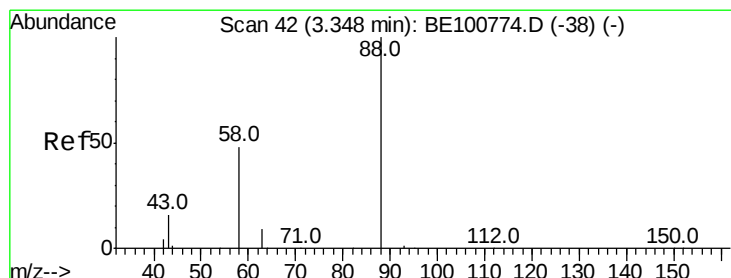
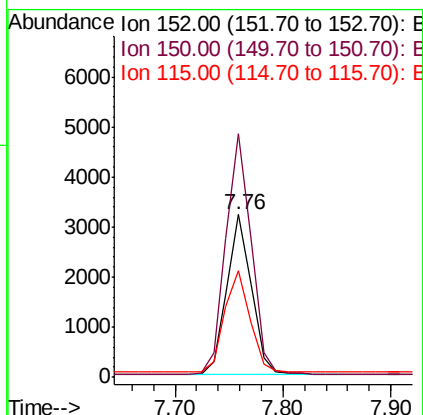
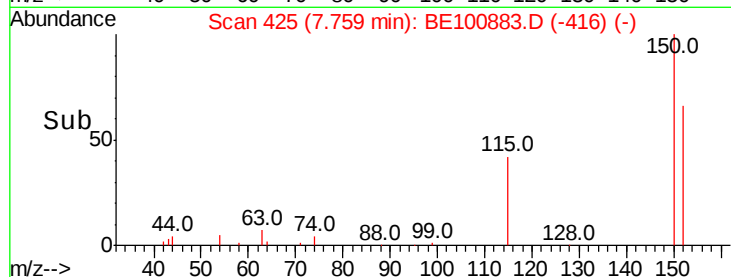
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100883.D
Acq: 13 Dec 2019 12:46

Instrument :
BNA_E
ClientSampleId :
RE131D1-20191205DL

Tot Ion:152 Resp: 5051
Ion Ratio Lower Upper
152 100
150 149.7 125.5 188.3
115 65.8 55.7 83.5



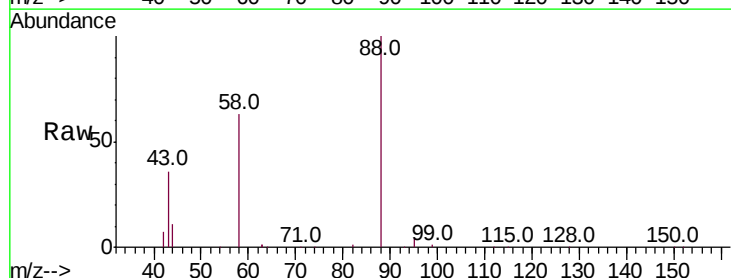
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



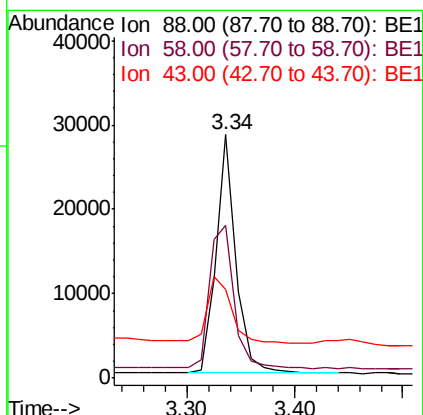
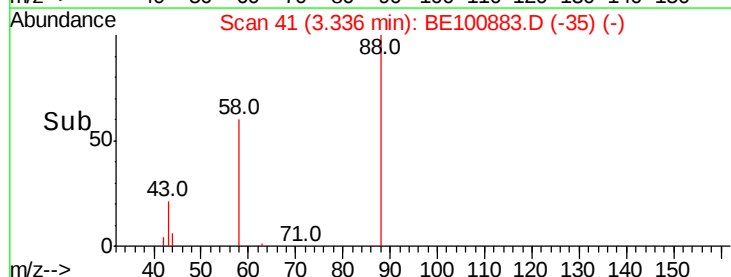
#2

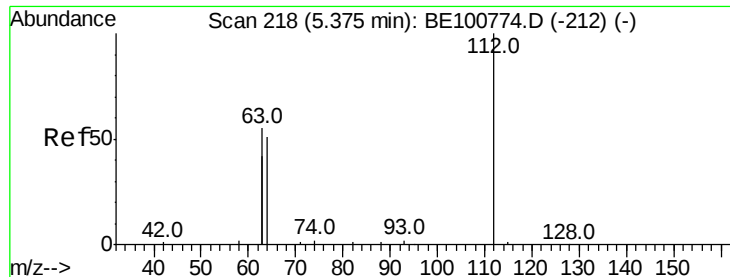
1,4-Dioxane
Concen: 3.912 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100883.D
Acq: 13 Dec 2019 12:46

Tgt Ion: 88 Resp: 36024
Ion Ratio Lower Upper
88 100
58 74.8 52.3 78.5
43 35.5 23.5 35.3#



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: 0.108 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205DL

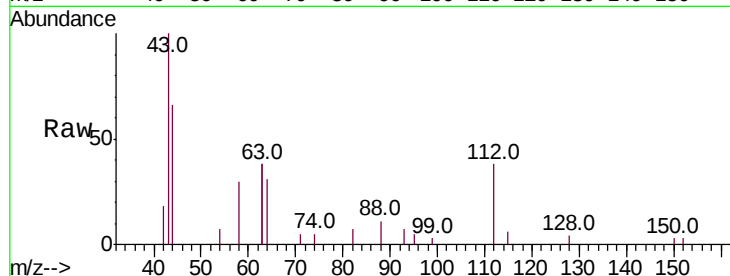
Tot Ion:112 Resp: 1294

Ion Ratio Lower Upper

112 100

64 68.4 54.5 81.7

63 138.9 116.1 174.1



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

2000

1500

1000

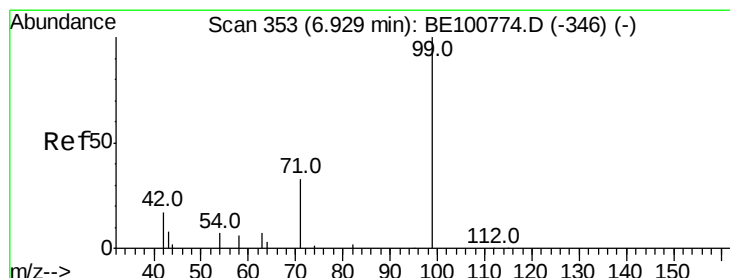
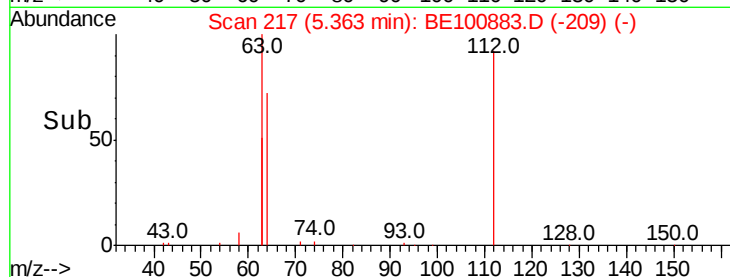
500

0

5.36

5.30 5.40

Time-->



#5

Phenol-d6

Concen: 0.072 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

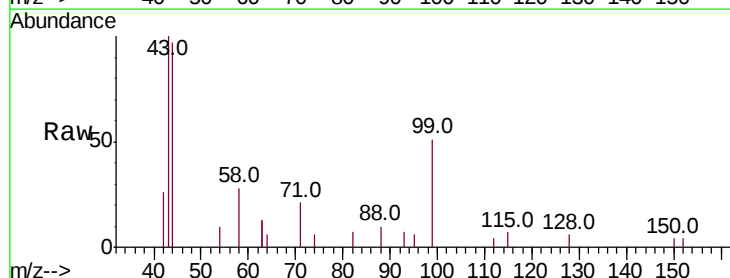
Tgt Ion: 99 Resp: 1298

Ion Ratio Lower Upper

99 100

42 38.8 18.2 27.2#

71 35.4 29.1 43.7



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

1000

800

600

400

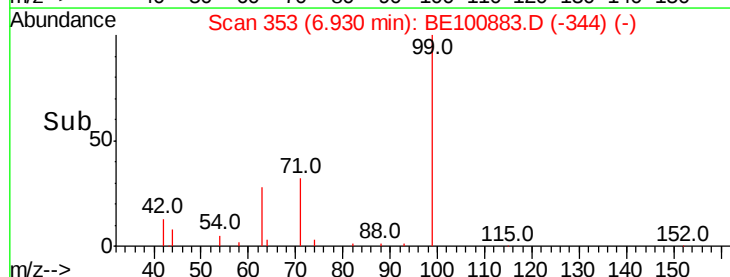
200

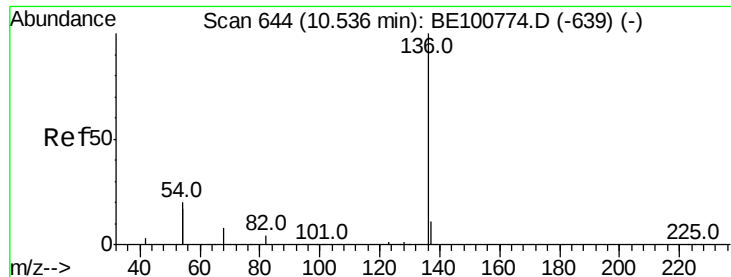
0

6.93

6.80 6.90 7.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205DL

Tot Ion:136 Resp: 22355

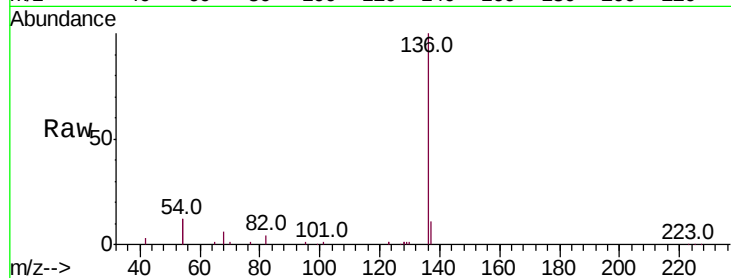
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 24.6 18.9 28.3

68 5.6 4.6 6.8

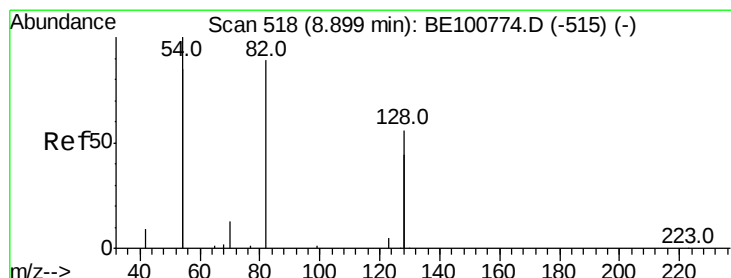
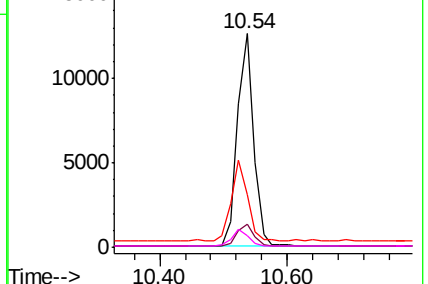
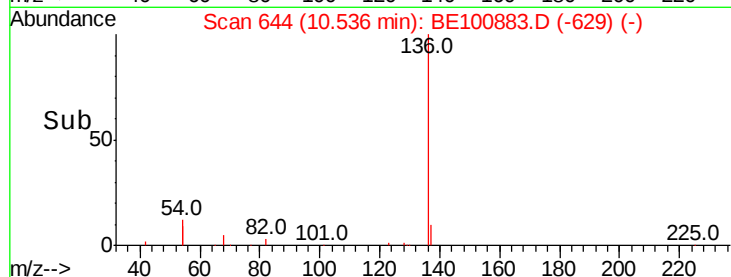


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.297 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

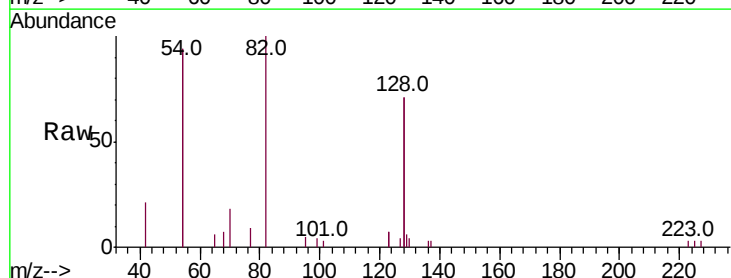
Tgt Ion: 82 Resp: 3157

Ion Ratio Lower Upper

82 100

128 141.2 113.5 170.3

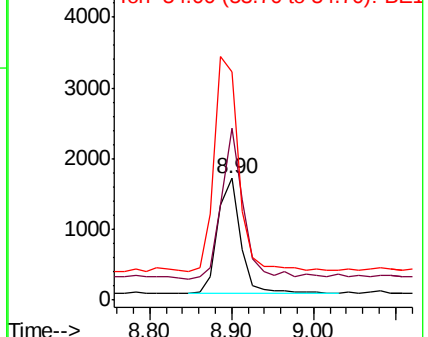
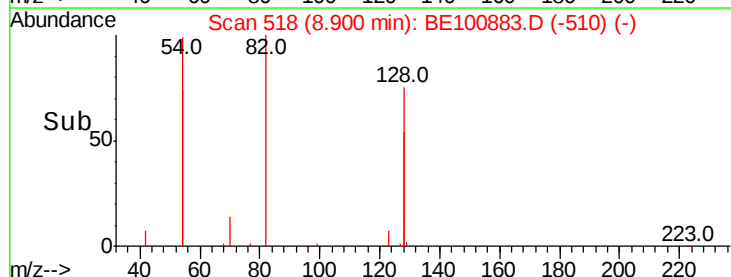
54 187.1 138.9 208.3

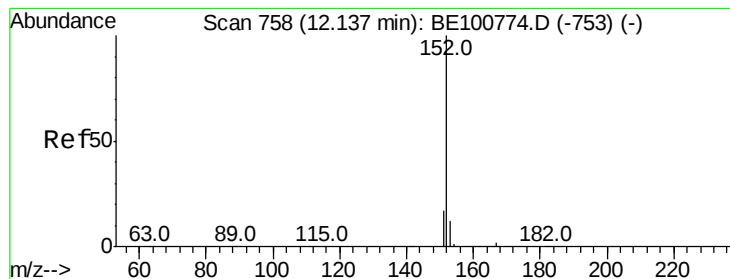


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.223 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

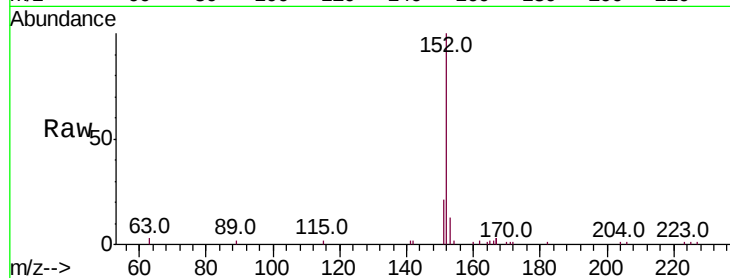
RE131D1-20191205DL

Tot Ion:152 Resp: 7209

Ion Ratio Lower Upper

152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

4000

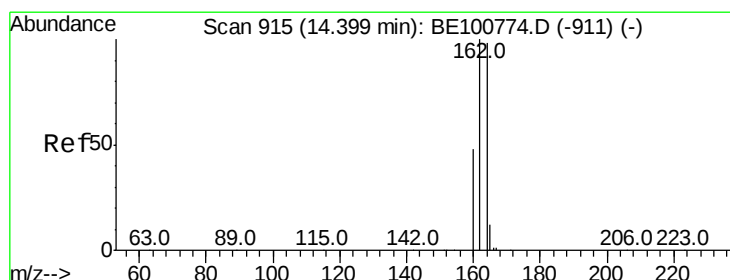
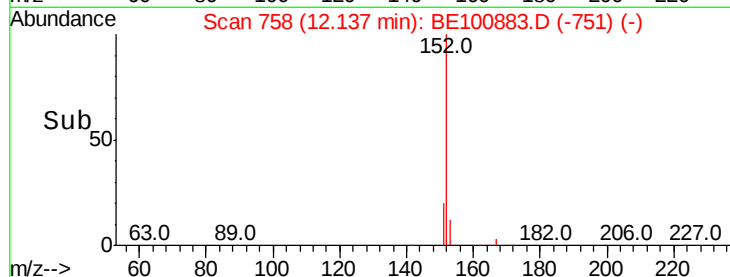
3000

2000

1000

0

Time--> 12.00 12.10 12.20 12.30



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

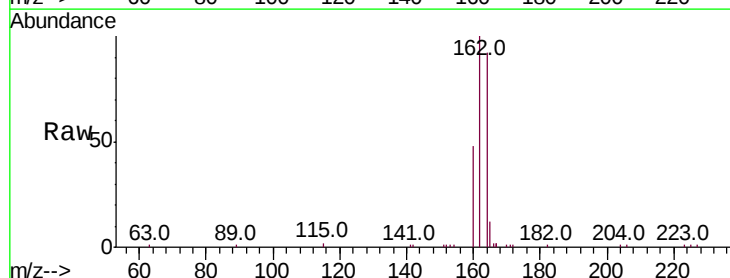
Tgt Ion:164 Resp: 12501

Ion Ratio Lower Upper

164 100

162 108.9 86.0 129.0

160 52.1 42.3 63.5



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

14.38

10000

8000

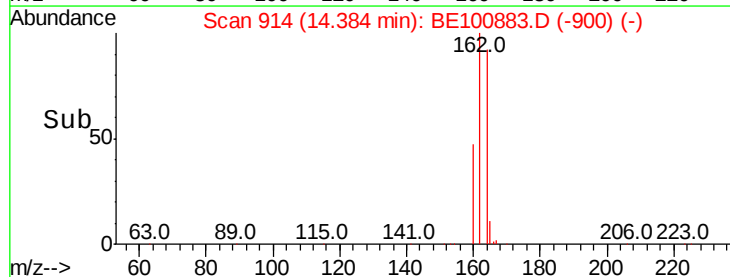
6000

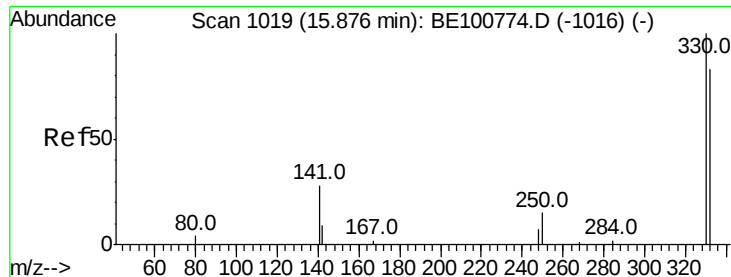
4000

2000

0

Time--> 14.30 14.40 14.50





#14

2,4,6-Tribromophenol

Concen: 0.354 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205DL

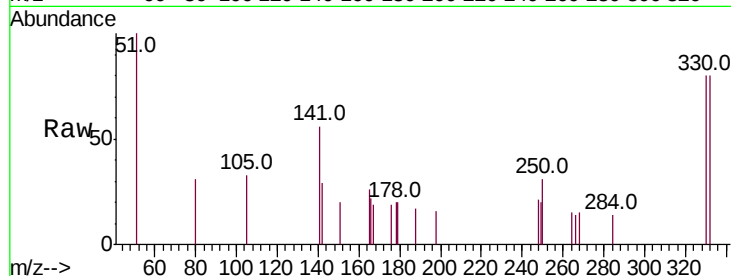
Tot Ion:330 Resp: 492

Ion Ratio Lower Upper

330 100

332 92.1 74.1 111.1

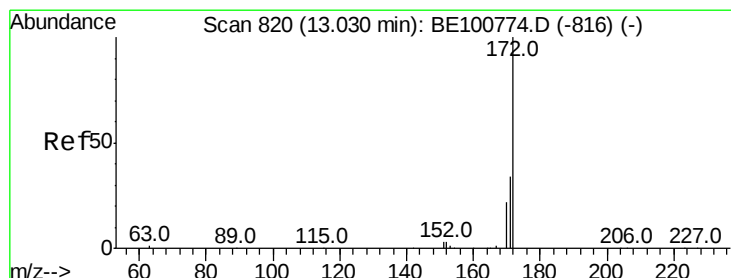
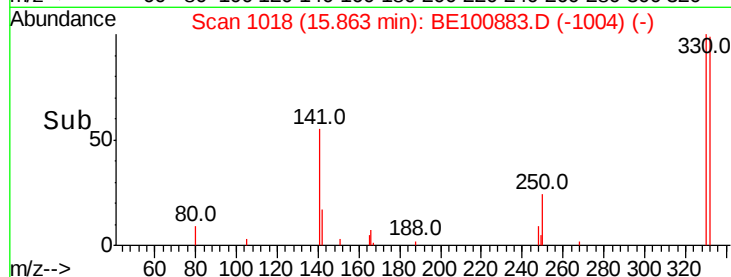
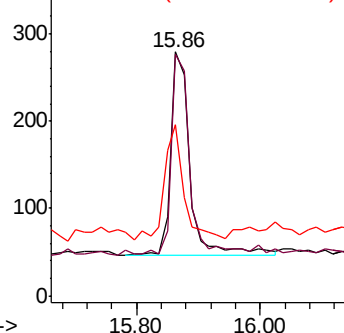
141 57.7 46.7 70.1



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: 0.241 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

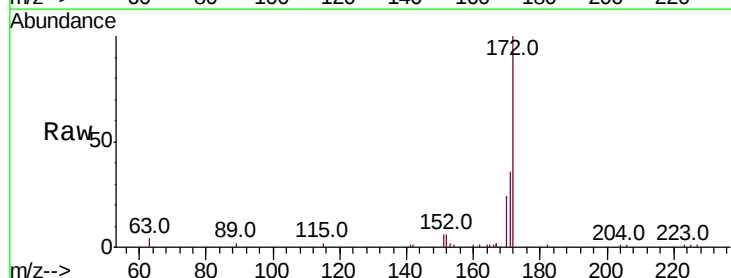
Tgt Ion:172 Resp: 11958

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

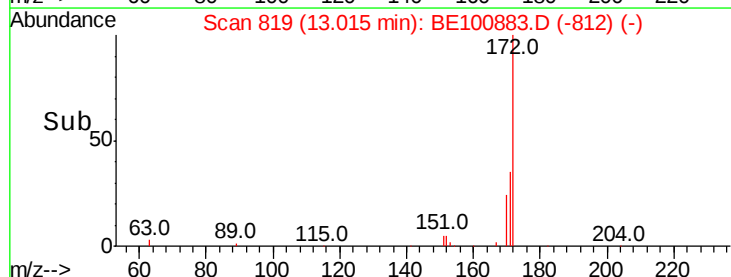
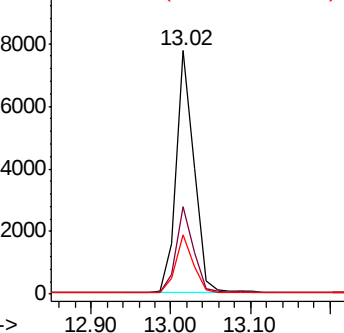
170 24.3 19.4 29.0

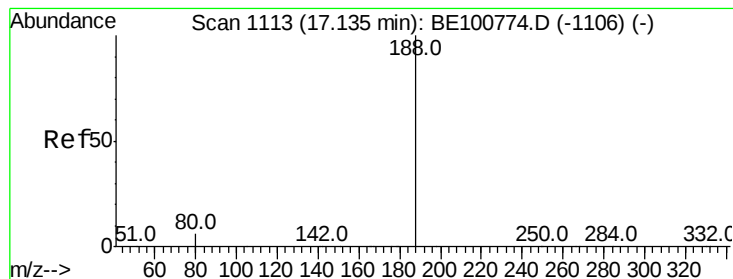


Abundance Ion 172.00 (171.70 to 172.70): E

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. 0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205DL

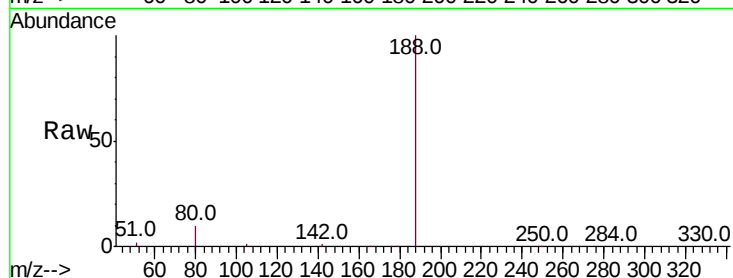
Tot Ion:188 Resp: 30369

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

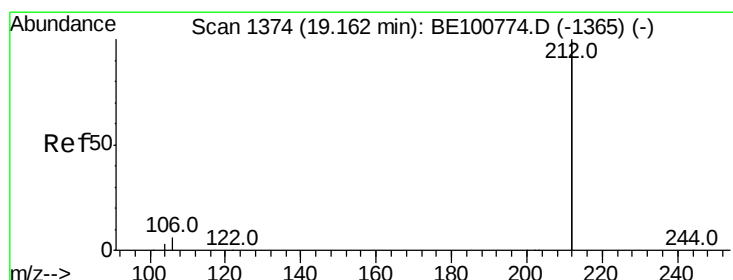
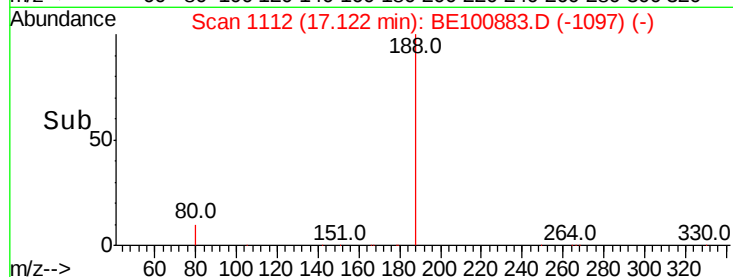
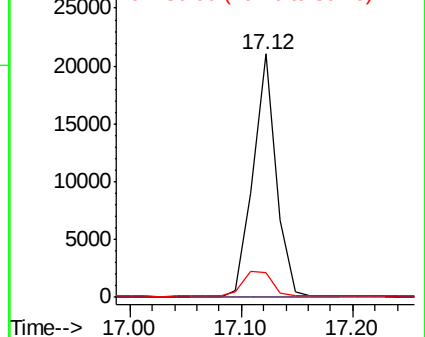
80 10.2 7.9 11.9



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: 0.204 ng

RT: 19.15 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

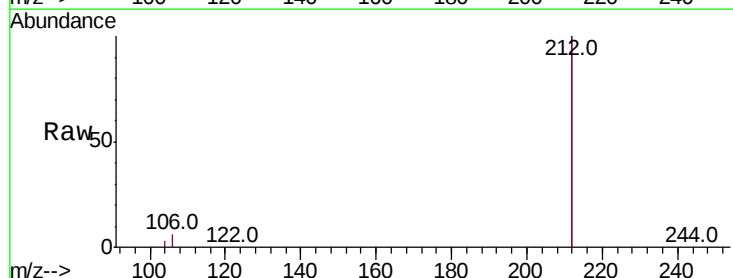
Tgt Ion:212 Resp: 73310

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

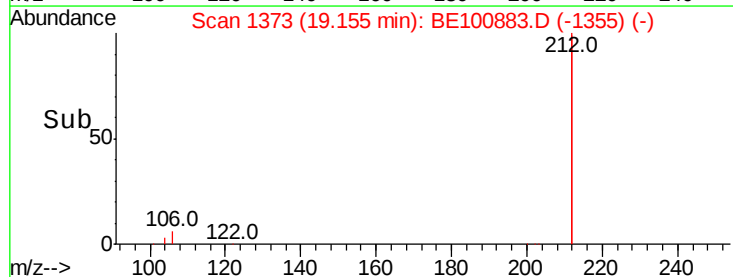
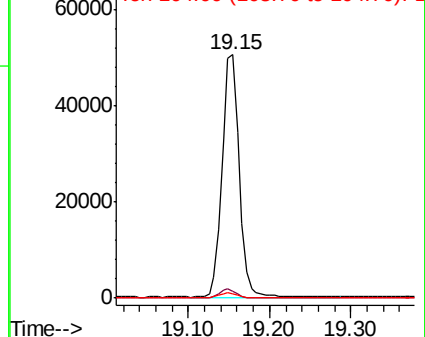
104 1.9 1.4 2.2

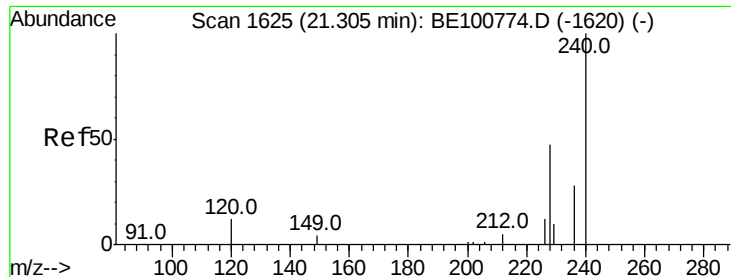


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

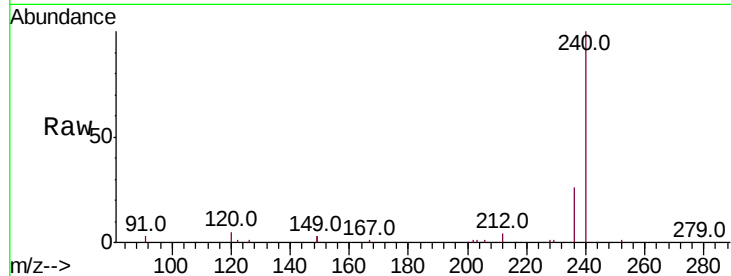




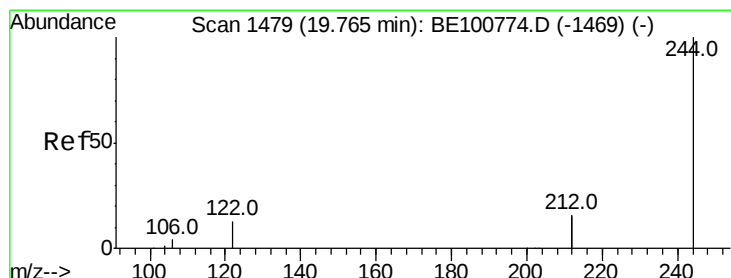
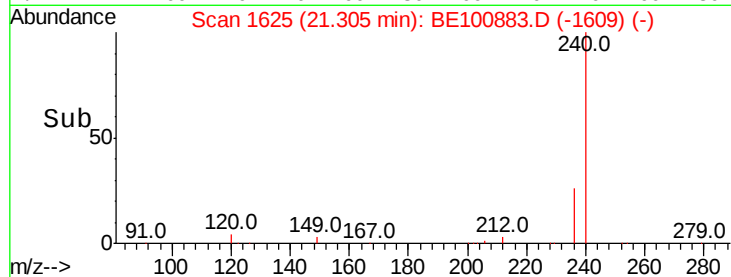
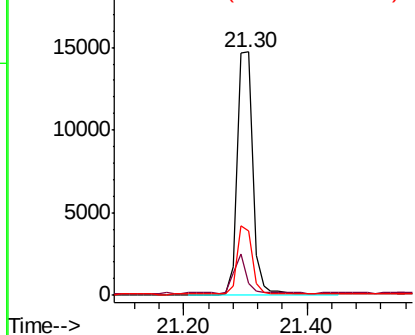
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.30 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BE100883.D
 Acq: 13 Dec 2019 12:46

Instrument :
 BNA_E
 ClientSampleId :
 RE131D1-20191205DL

Tot Ion:240 Resp: 25245
 Ion Ratio Lower Upper
 240 100
 120 4.7 4.0 6.0
 236 26.4 21.6 32.4

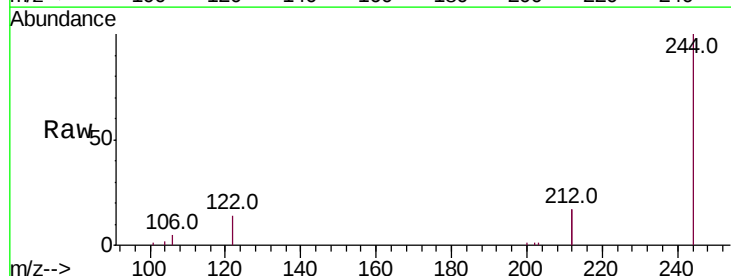


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

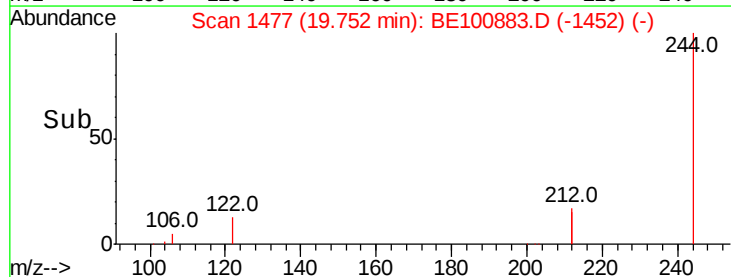
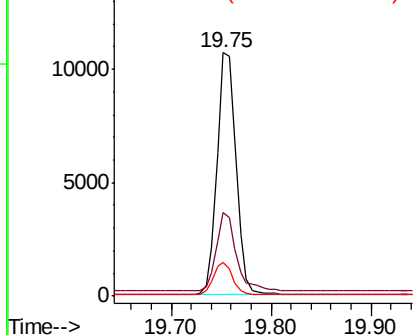


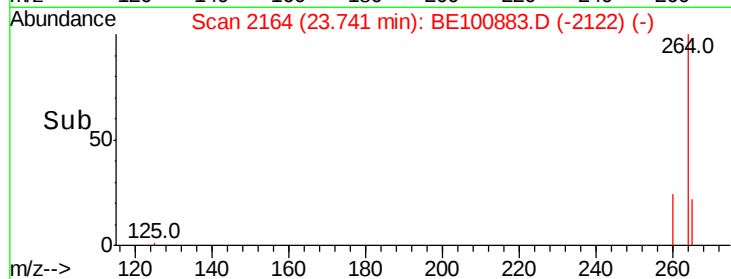
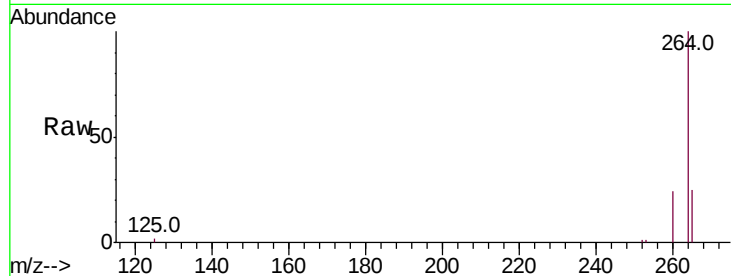
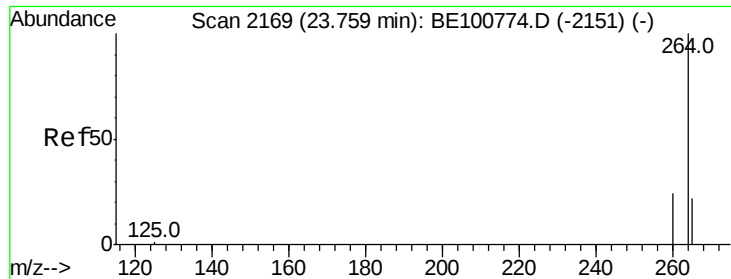
#29
 Terphenyl-d14
 Concen: 0.235 ng
 RT: 19.75 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BE100883.D
 Acq: 13 Dec 2019 12:46

Tgt Ion:244 Resp: 14223
 Ion Ratio Lower Upper
 244 100
 212 34.2 25.2 37.8
 122 13.9 8.9 13.3#



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: 23.74 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BE100883.D

Acq: 13 Dec 2019 12:46

Instrument :

BNA_E

ClientSampleId :

RE131D1-20191205DL

Tot Ion: 264 Resp: 29236

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 24.7 20.1 30.1

