

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100887.D
 Acq On : 13 Dec 2019 15:15
 Operator : JU
 Sample : K6185-11DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20191205DL

Quant Time: Dec 13 17:38:14 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

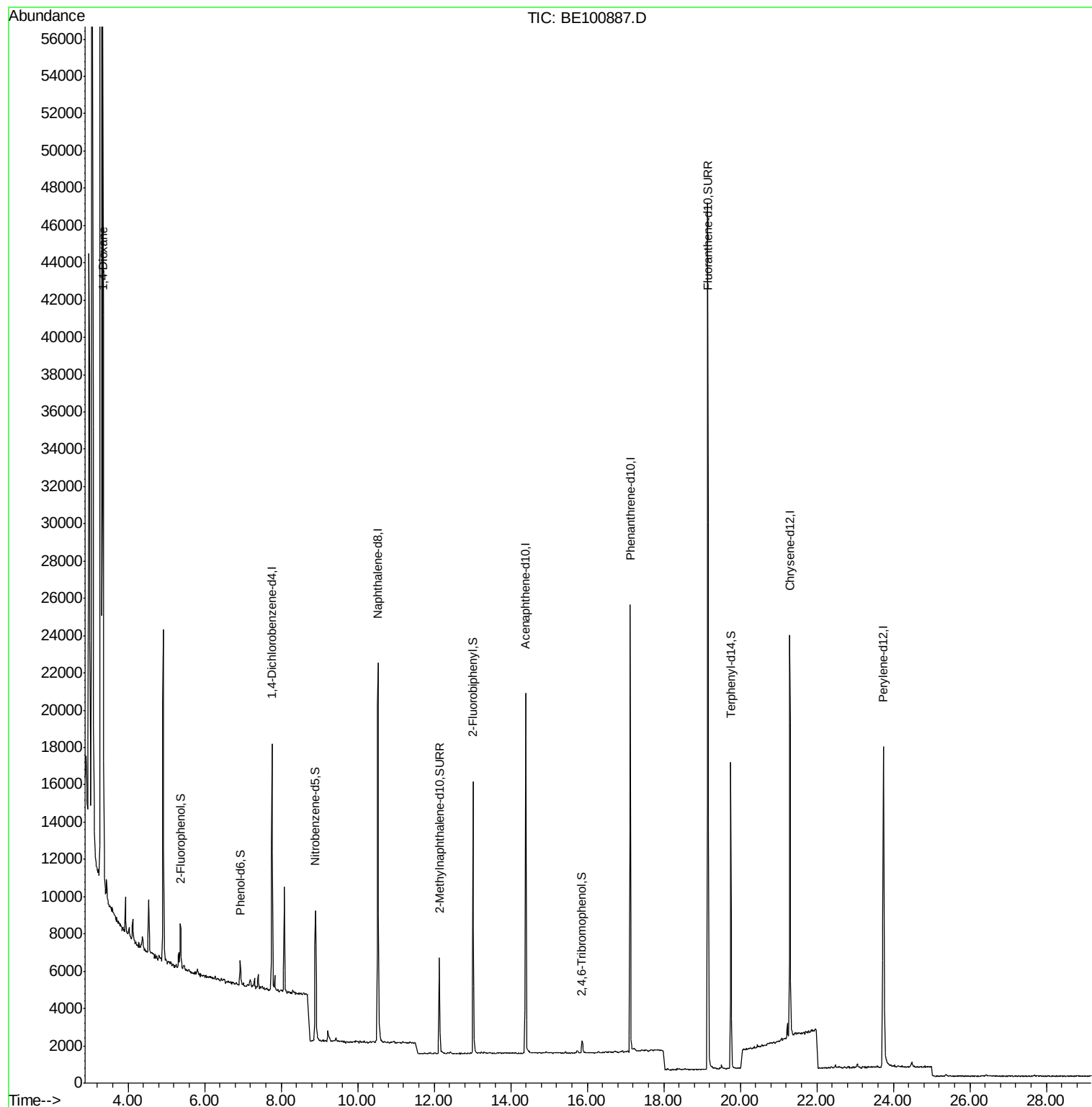
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5766	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	25062	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	13042	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31608	0.40	ng	0.00
27) Chrysene-d12	21.29	240	23562	0.40	ng	-0.01
34) Perylene-d12	23.74	264	27174	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1361	0.10	ng	0.00
5) Phenol-d6	6.93	99	1200	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	3122	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	7363	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	397	0.27	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	12949	0.25	ng	0.00
25) Fluoranthene-d10	19.15	212	64898	0.17	ng	0.00
29) Terphenyl-d14	19.75	244	13530	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	35581	3.385	ng	Qvalue # 88

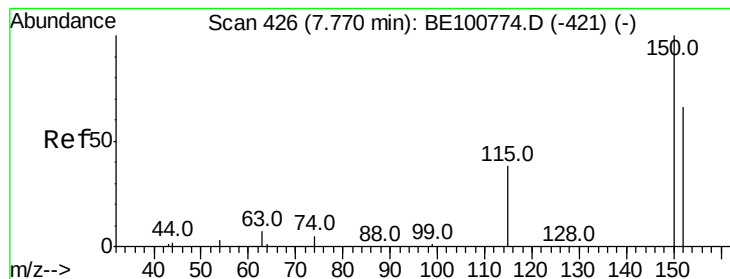
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 10:42:38 2019
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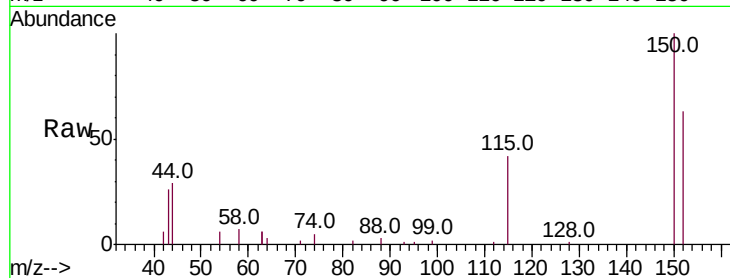


#1

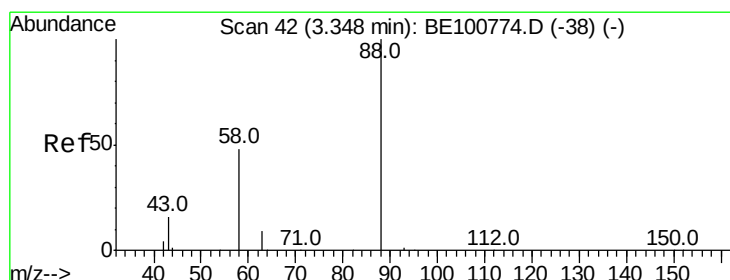
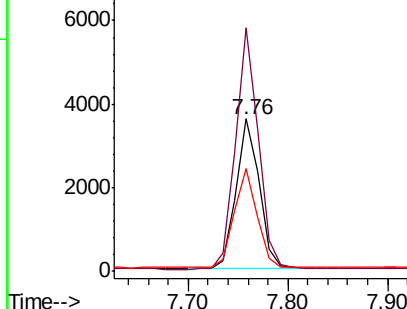
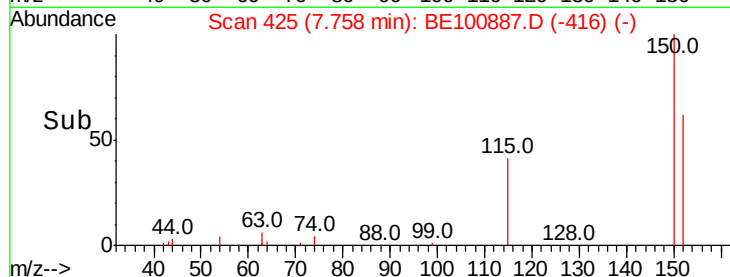
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100887.D
Acq: 13 Dec 2019 15:15

Instrument :
BNA_E
ClientSampleId :
RE125D1-20191205DL

Tot Ion:152 Resp: 5766
Ion Ratio Lower Upper
152 100
150 160.0 125.5 188.3
115 67.9 55.7 83.5



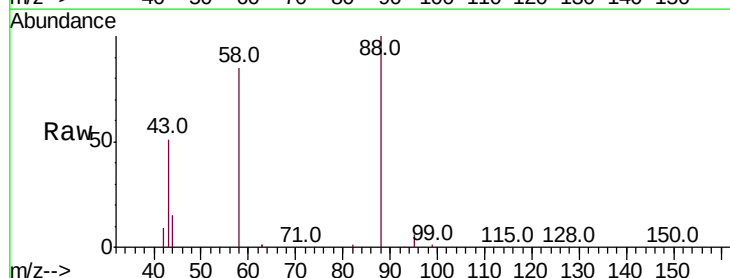
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



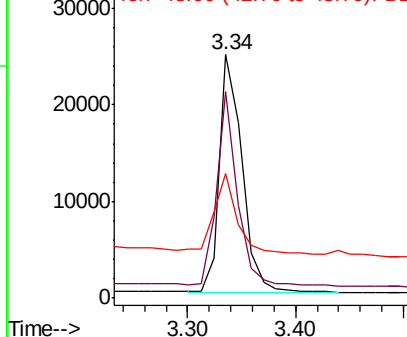
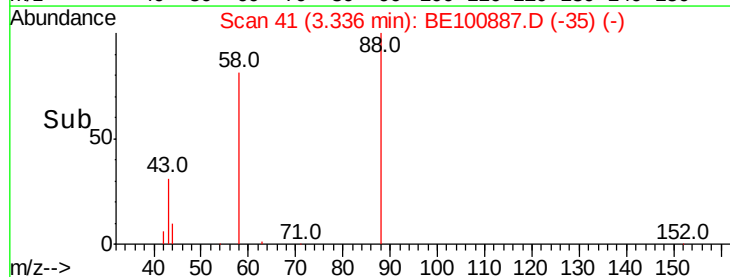
#2

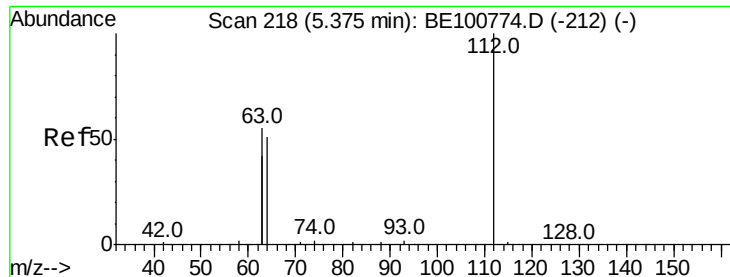
1,4-Dioxane
Concen: 3.385 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100887.D
Acq: 13 Dec 2019 15:15

Tgt Ion: 88 Resp: 35581
Ion Ratio Lower Upper
88 100
58 75.4 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: 0.099 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205DL

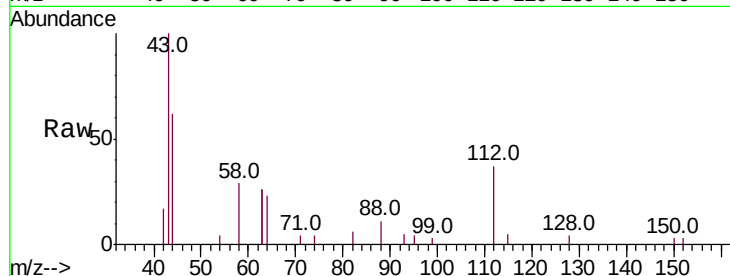
Tot Ion:112 Resp: 1361

Ion Ratio Lower Upper

112 100

64 68.0 54.5 81.7

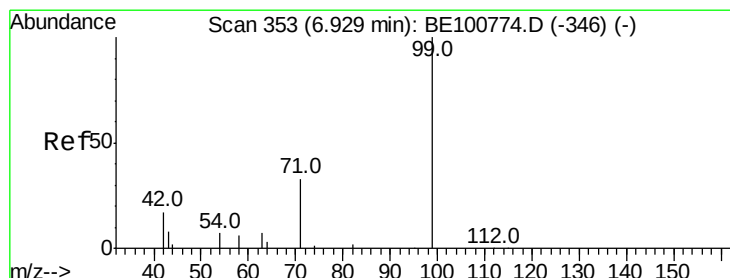
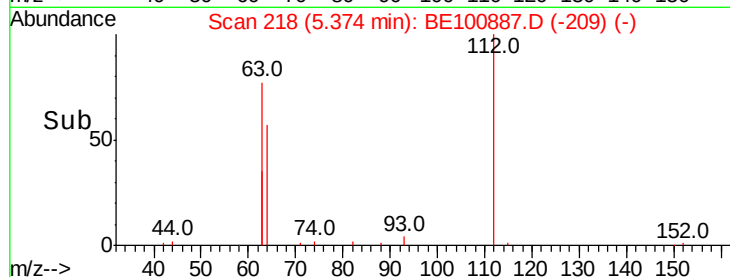
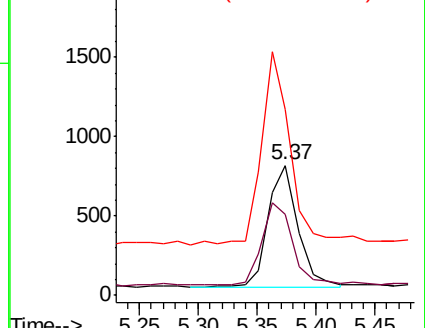
63 150.7 116.1 174.1



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



#5

Phenol-d6

Concen: 0.058 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

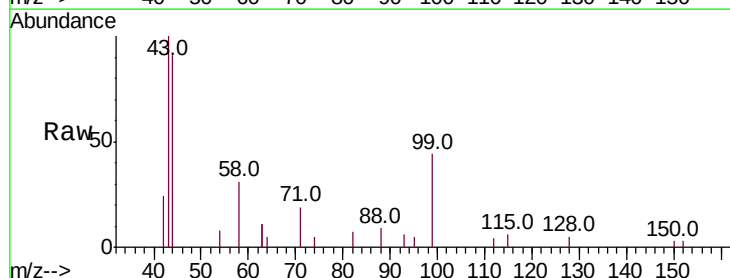
Tgt Ion: 99 Resp: 1200

Ion Ratio Lower Upper

99 100

42 28.2 18.2 27.2#

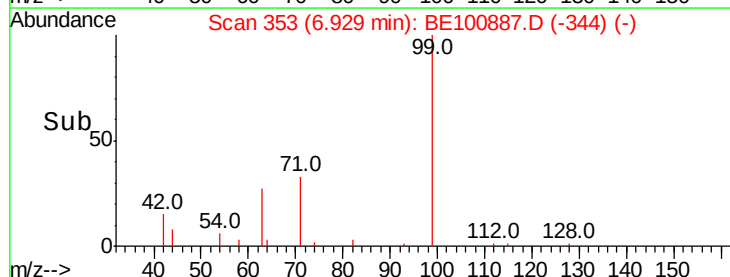
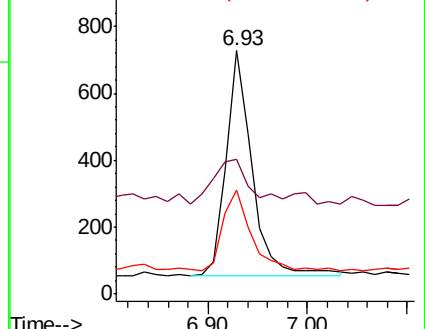
71 39.3 29.1 43.7

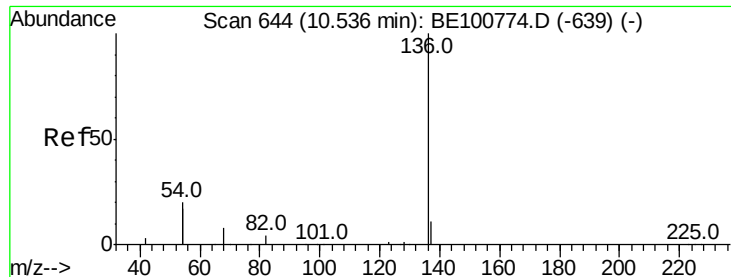


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205DL

Tot Ion:136 Resp: 25062

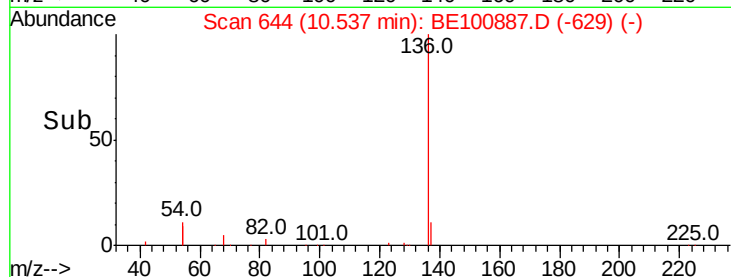
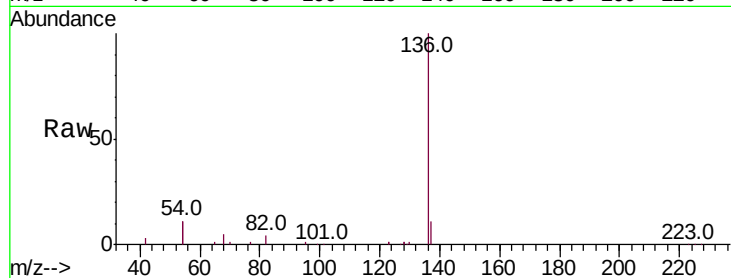
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 22.8 18.9 28.3

68 5.4 4.6 6.8

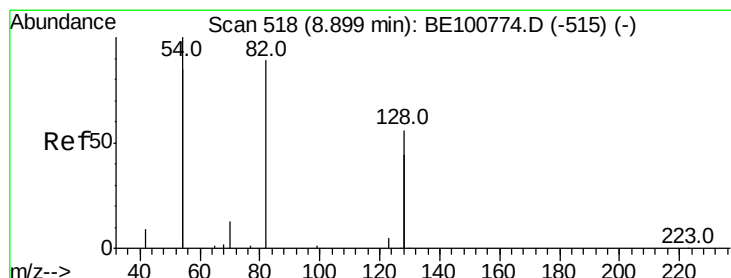
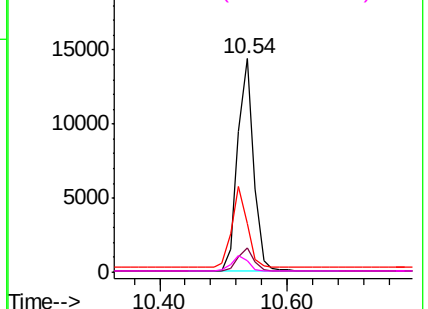


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.262 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

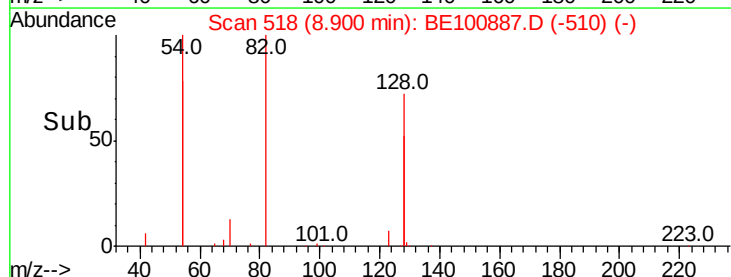
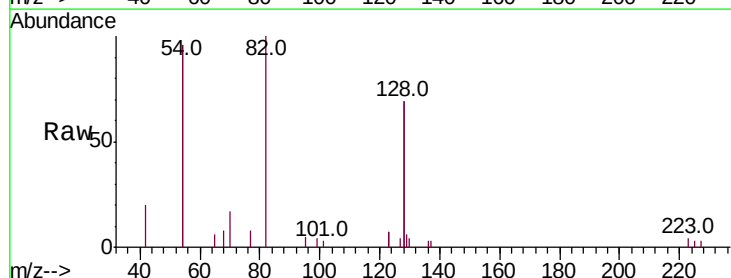
Tgt Ion: 82 Resp: 3122

Ion Ratio Lower Upper

82 100

128 137.4 113.5 170.3

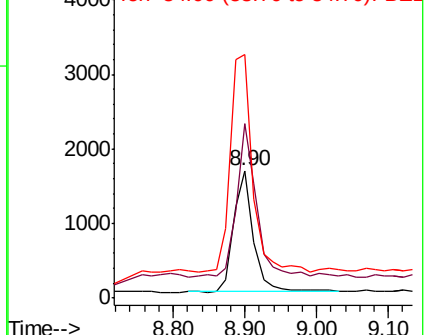
54 191.5 138.9 208.3

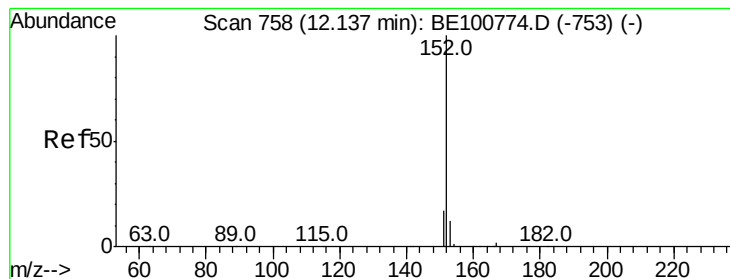


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.203 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_E

ClientSampleId :

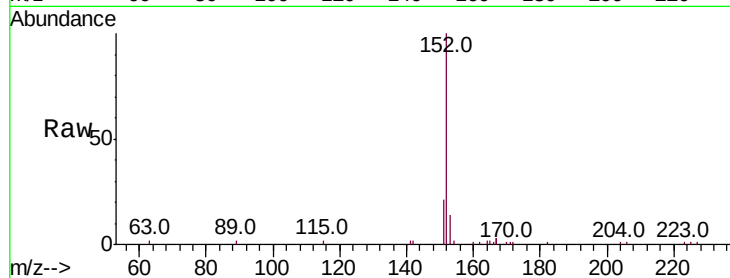
RE125D1-20191205DL

Tot Ion:152 Resp: 7363

Ion Ratio Lower Upper

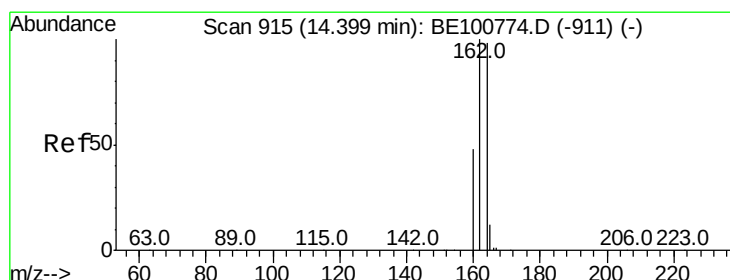
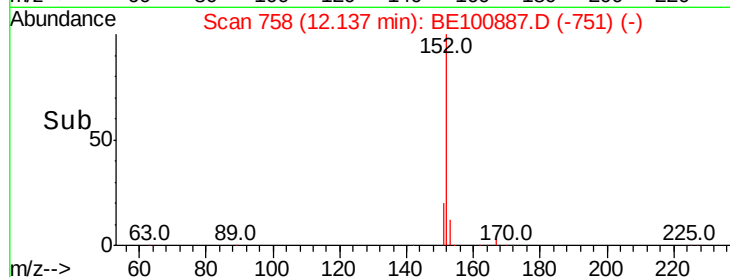
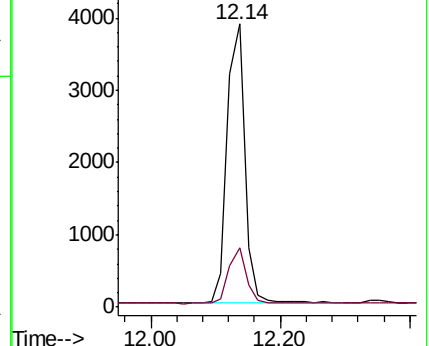
152 100

151 19.6 15.1 22.7



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: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

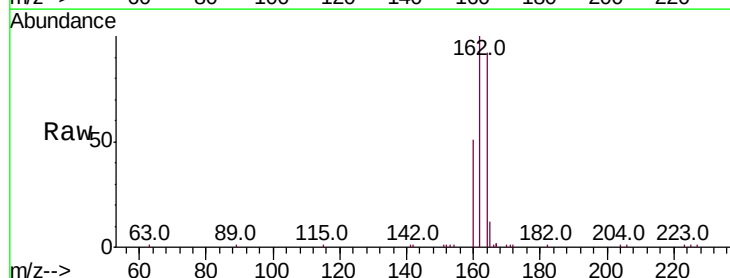
Tgt Ion:164 Resp: 13042

Ion Ratio Lower Upper

164 100

162 108.4 86.0 129.0

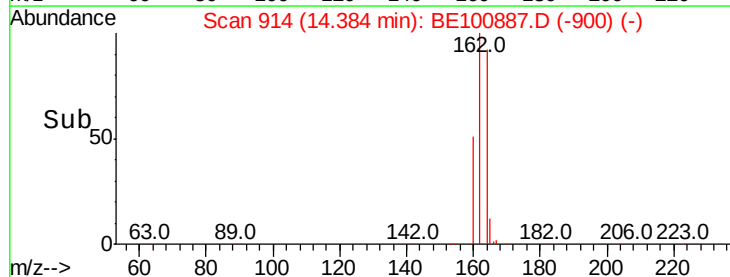
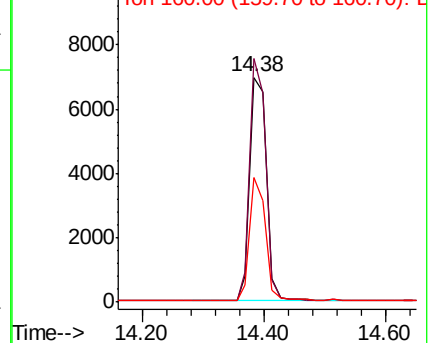
160 55.7 42.3 63.5

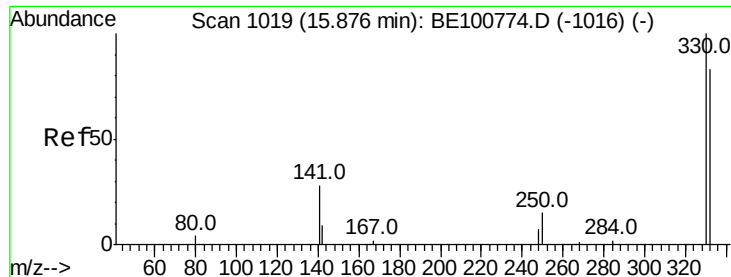


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.274 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205DL

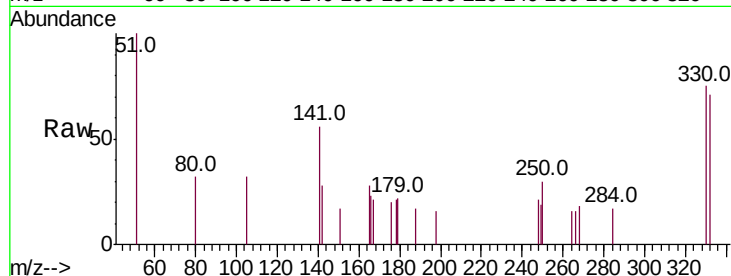
Tot Ion:330 Resp: 397

Ion Ratio Lower Upper

330 100

332 97.7 74.1 111.1

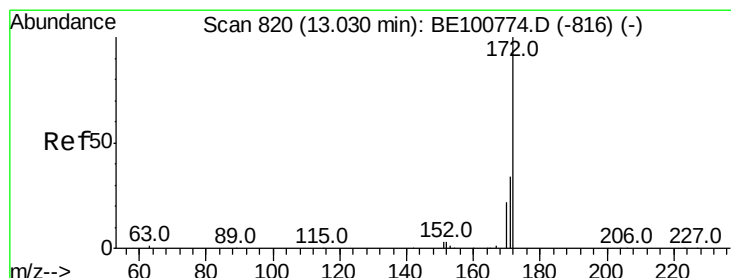
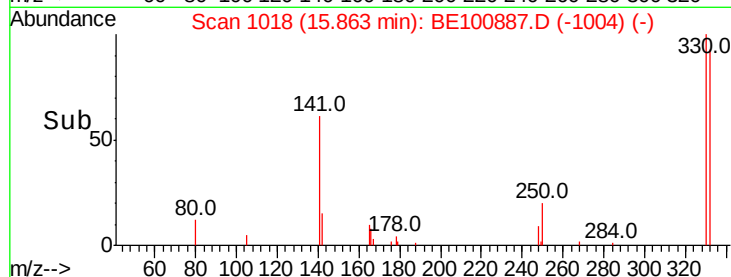
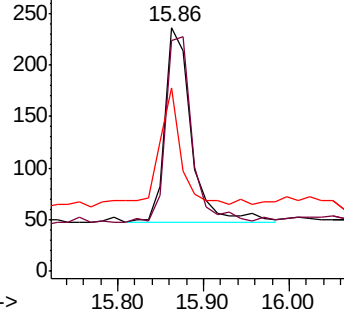
141 53.1 46.7 70.1



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: 0.250 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.00 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

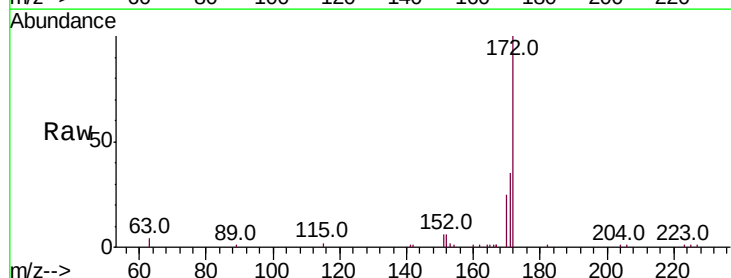
Tgt Ion:172 Resp: 12949

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

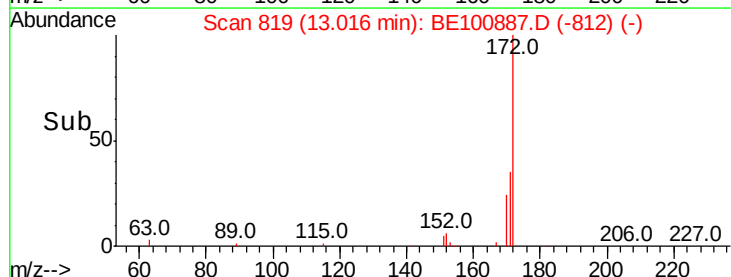
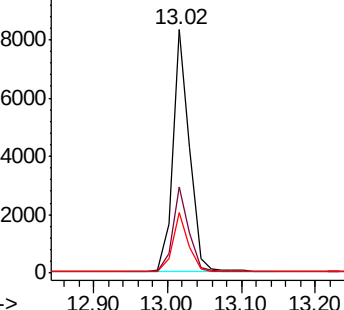
170 24.7 19.4 29.0

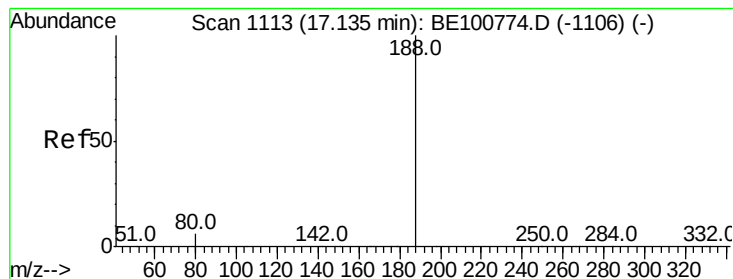


Abundance Ion 172.00 (171.70 to 172.70): E

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: BE100887.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205DL

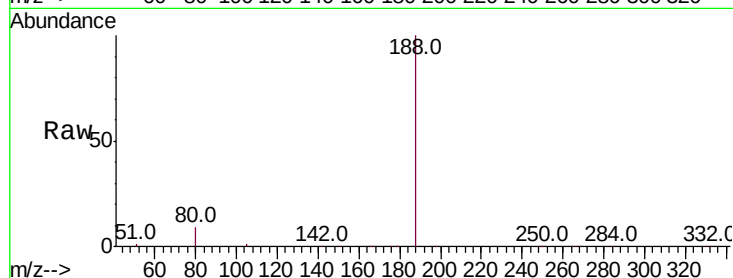
Tot Ion:188 Resp: 31608

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	7.9	11.9

188 100

94 0.0 0.0 0.0

80 9.3 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

17.12

20000

15000

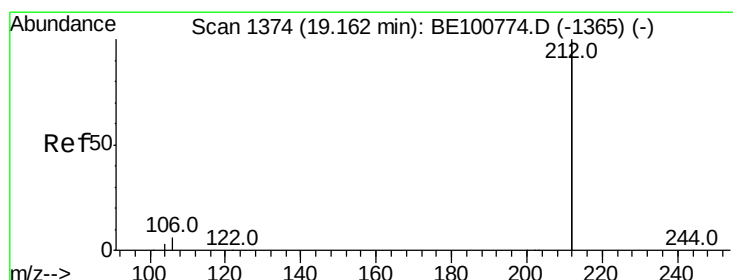
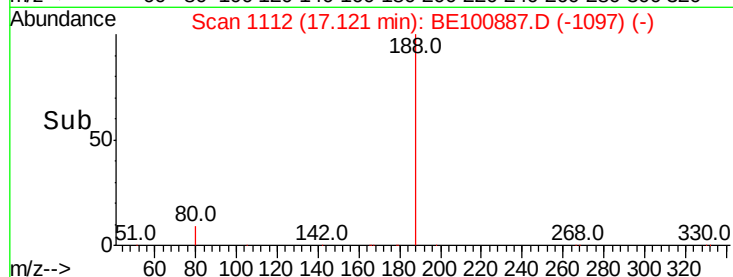
10000

5000

0

17.00 17.10 17.20

Time-->



#25

Fluoranthene-d10

Concen: 0.174 ng

RT: 19.15 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

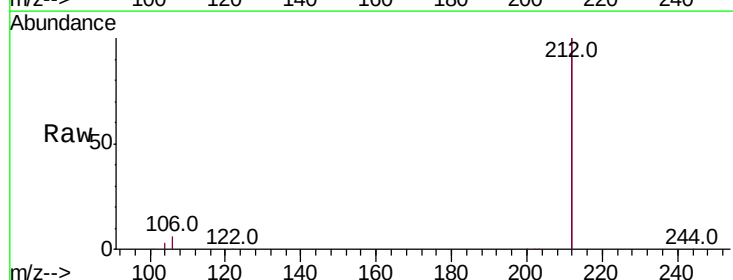
Tgt Ion:212 Resp: 64898

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	4.0
104	1.9	1.4	2.2

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

19.15

60000

50000

40000

30000

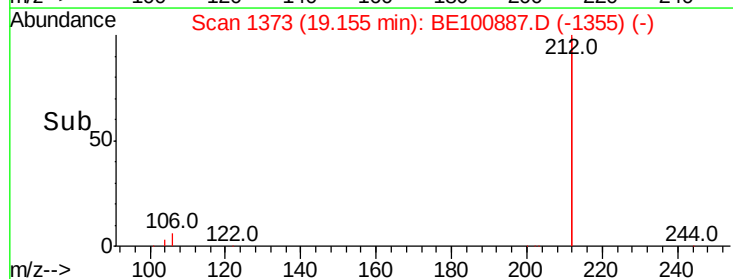
20000

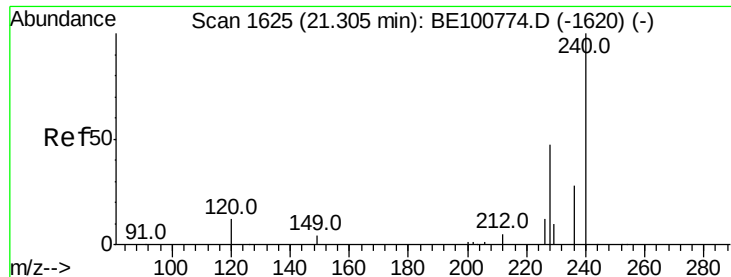
10000

0

19.00 19.10 19.20 19.30

Time-->





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

Instrument :

BNA_E

ClientSampleId :

RE125D1-20191205DL

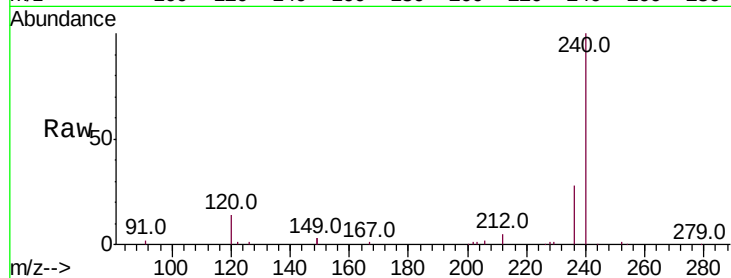
Tot Ion:240 Resp: 23562

Ion Ratio Lower Upper

240 100

120 14.4 4.0 6.0#

236 28.1 21.6 32.4

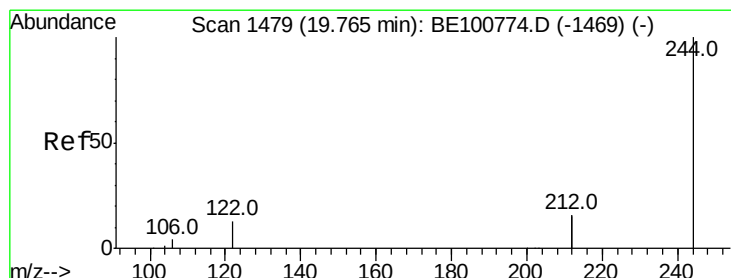
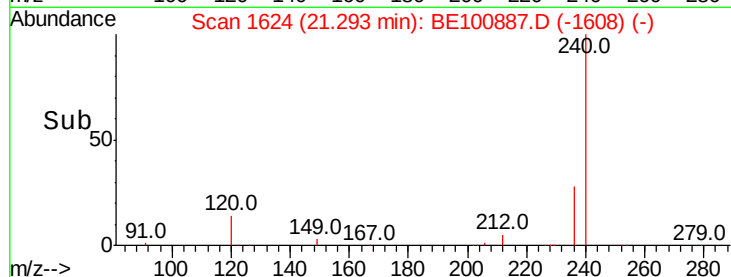
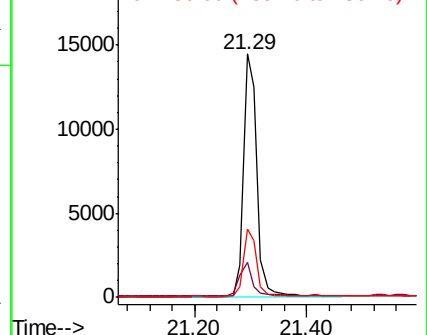


Abundance

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: 0.240 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100887.D

Acq: 13 Dec 2019 15:15

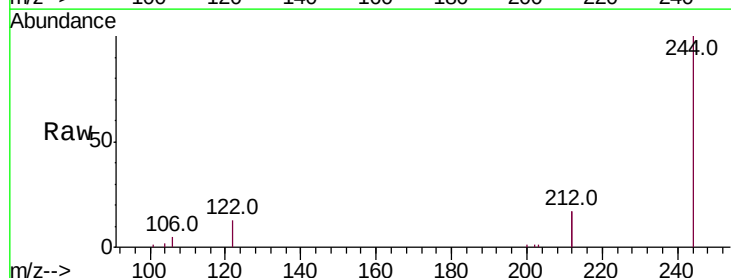
Tgt Ion:244 Resp: 13530

Ion Ratio Lower Upper

244 100

212 34.1 25.2 37.8

122 13.4 8.9 13.3#

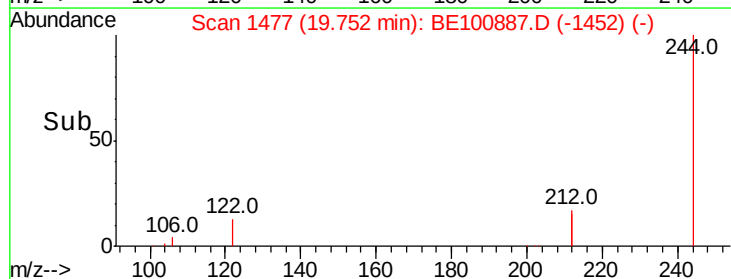
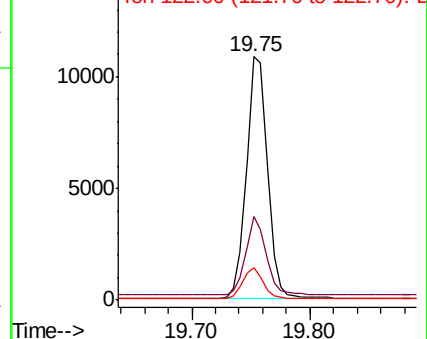


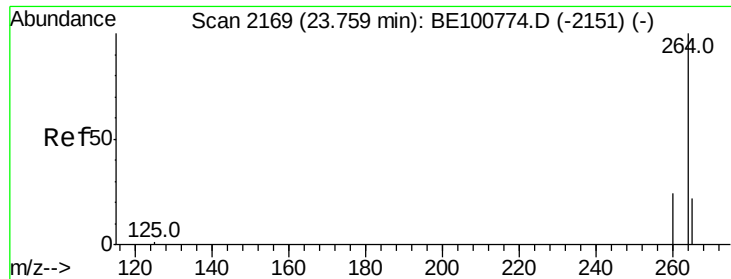
Abundance

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: BE100887.D
 Acq: 13 Dec 2019 15:15

Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20191205DL

Tot Ion: 264 Resp: 27174
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 24.3 20.1 30.1

