

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100888.D
 Acq On : 13 Dec 2019 15:51
 Operator : JU
 Sample : K6185-12DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D2-20191205DL

Quant Time: Dec 13 17:41:00 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

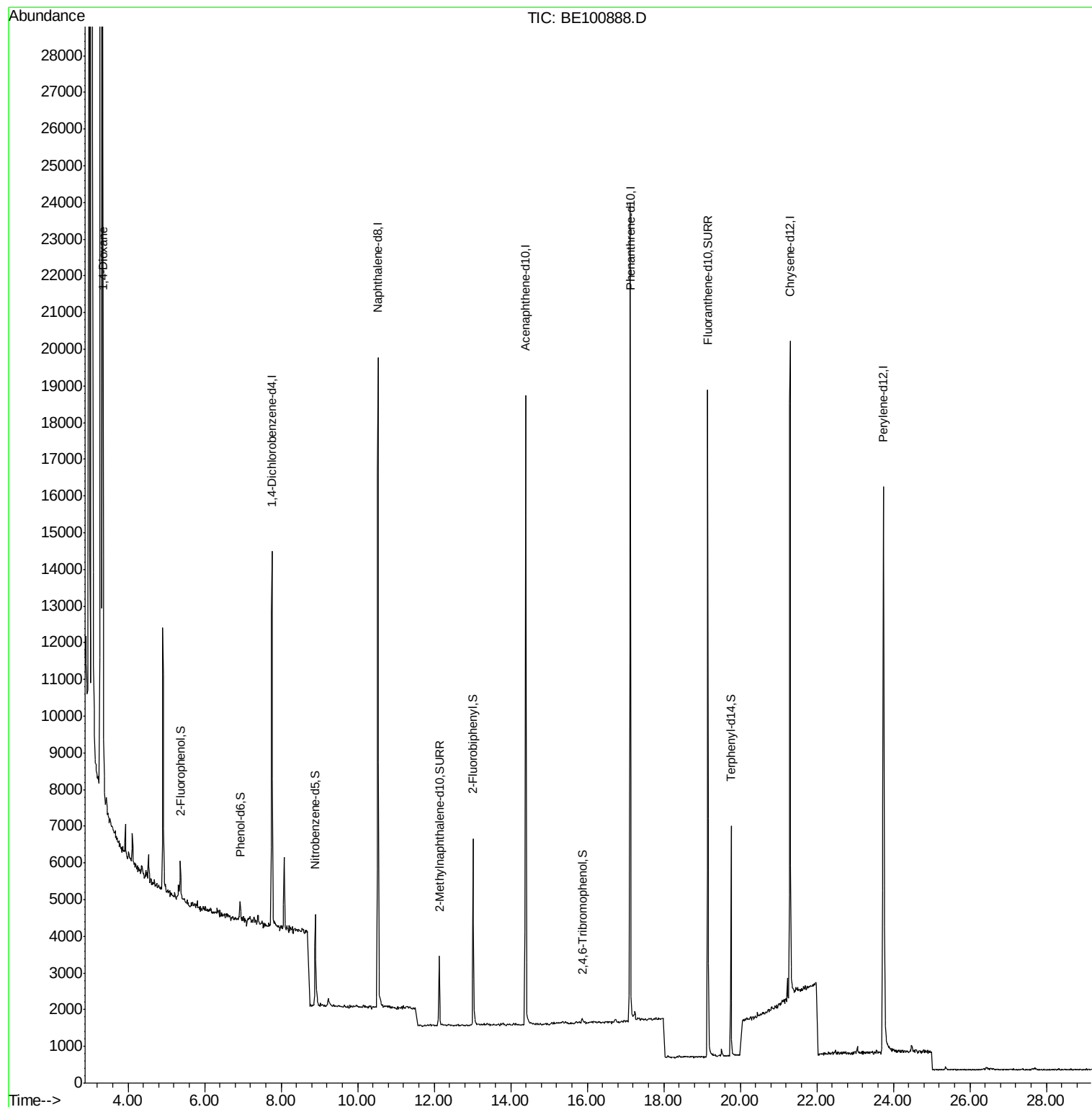
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4764	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	21575	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11510	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	29014	0.40	ng	0.00
27) Chrysene-d12	21.31	240	21152	0.40	ng	0.00
34) Perylene-d12	23.74	264	24832	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	502	0.04	ng	0.00
5) Phenol-d6	6.93	99	504	0.03	ng	0.00
8) Nitrobenzene-d5	8.90	82	1117	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	2903	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	113	0.09	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	4992	0.11	ng	0.00
25) Fluoranthene-d10	19.15	212	26118	0.08	ng	0.00
29) Terphenyl-d14	19.76	244	5727	0.11	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	15614	1.798	ng	Qvalue 89

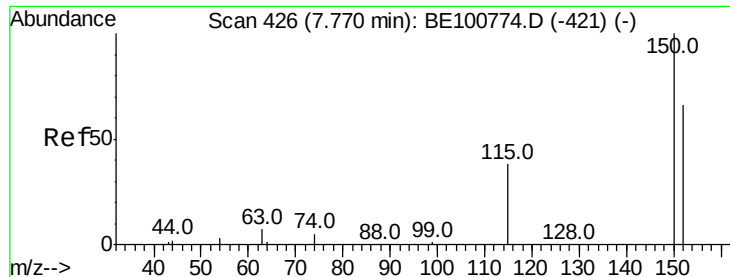
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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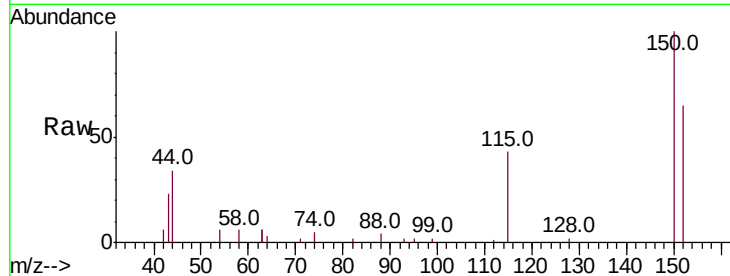


#1

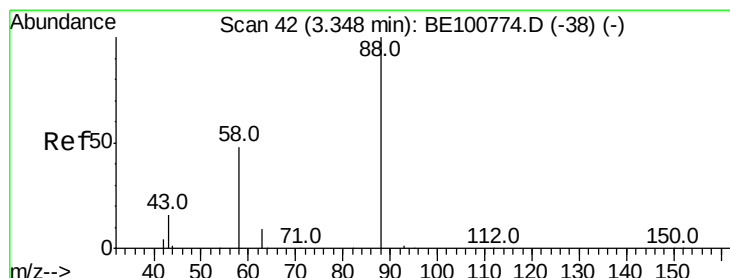
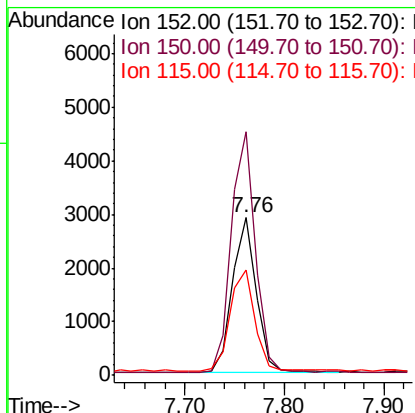
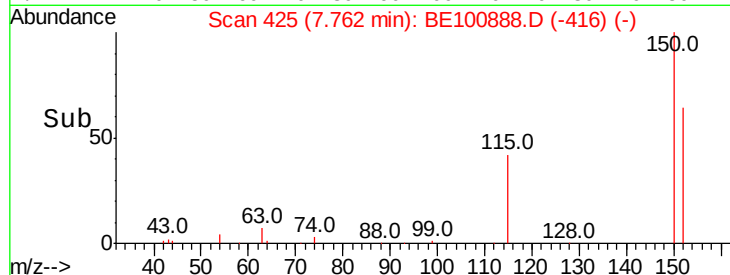
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100888.D
Acq: 13 Dec 2019 15:51

Instrument :
BNA_E
ClientSampleId :
RE125D2-20191205DL

Tot Ion:152 Resp: 4764
Ion Ratio Lower Upper
152 100
150 154.4 125.5 188.3
115 67.0 55.7 83.5



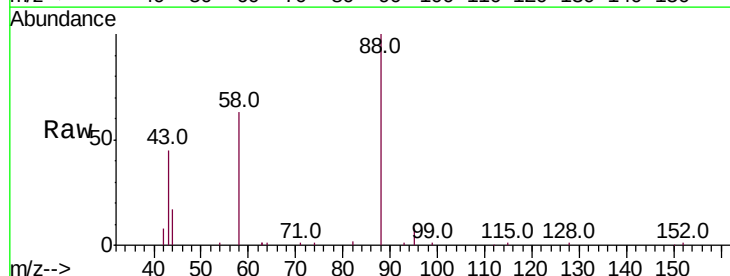
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



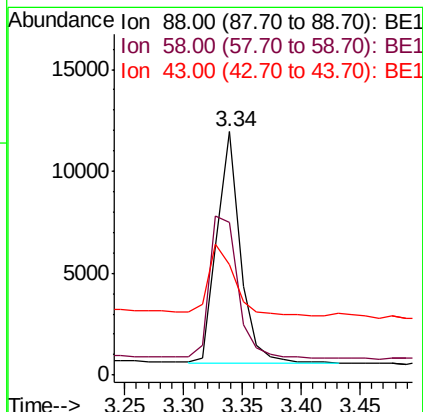
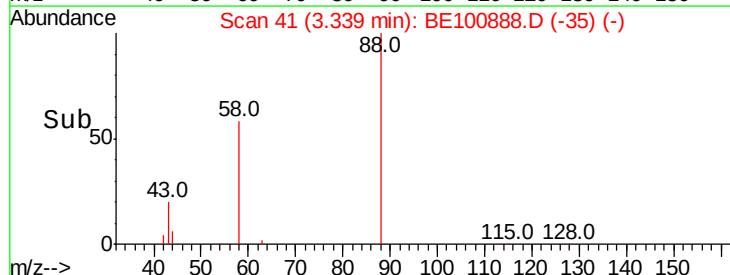
#2

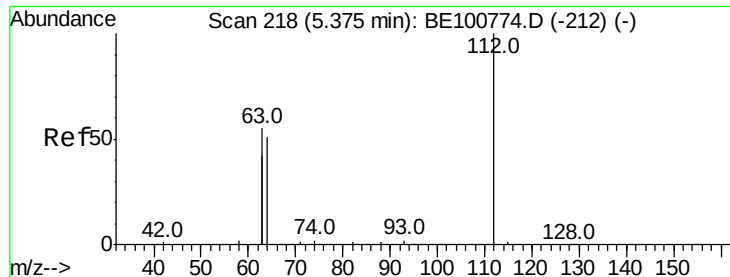
1,4-Dioxane
Concen: 1.798 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100888.D
Acq: 13 Dec 2019 15:51

Tgt Ion: 88 Resp: 15614
Ion Ratio Lower Upper
88 100
58 74.6 52.3 78.5
43 35.0 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: 0.044 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100888.D

Acq: 13 Dec 2019 15:51

Instrument :

BNA_E

ClientSampleId :

RE125D2-20191205DL

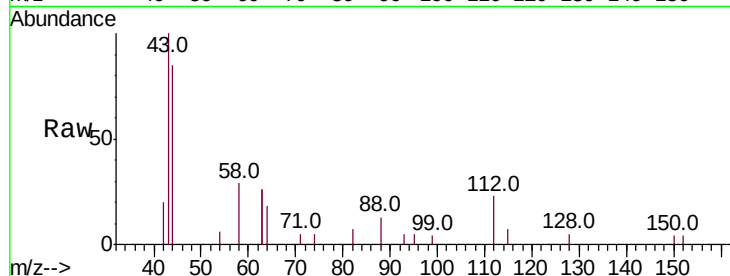
Tot Ion:112 Resp: 502

Ion Ratio Lower Upper

112 100

64 66.3 54.5 81.7

63 147.6 116.1 174.1

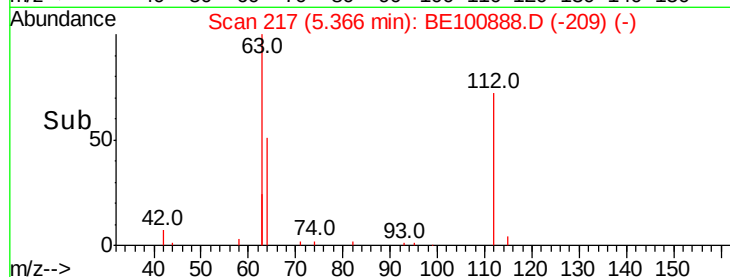


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->



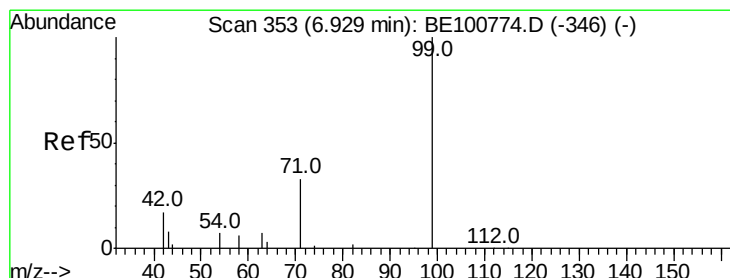
Abundance

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

Time-->



#5

Phenol-d6

Concen: 0.030 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100888.D

Acq: 13 Dec 2019 15:51

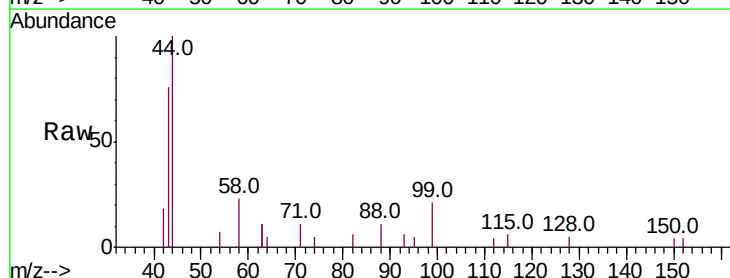
Tgt Ion: 99 Resp: 504

Ion Ratio Lower Upper

99 100

42 38.5 18.2 27.2#

71 43.5 29.1 43.7

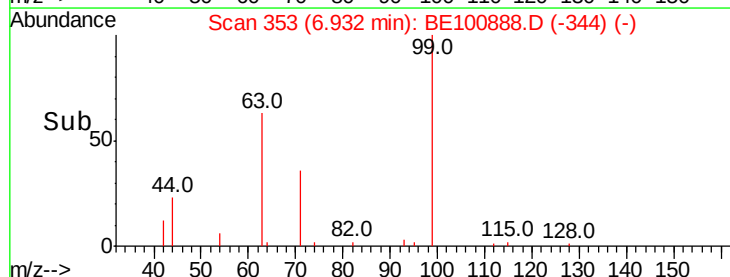


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->



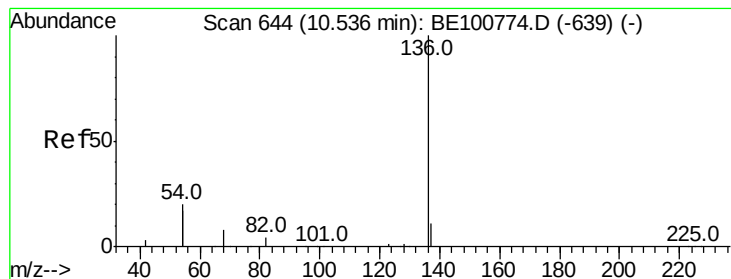
Abundance

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

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100888.D

Acq: 13 Dec 2019 15:51

Instrument :

BNA_E

ClientSampleId :

RE125D2-20191205DL

Tot Ion:136 Resp: 21575

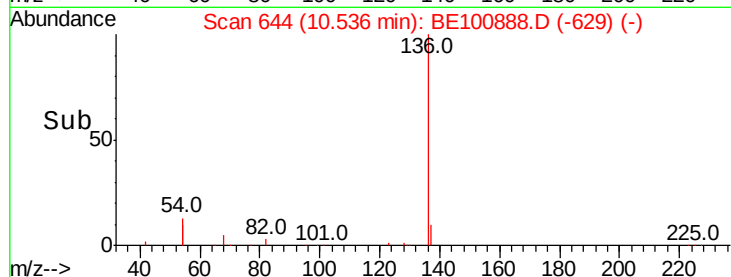
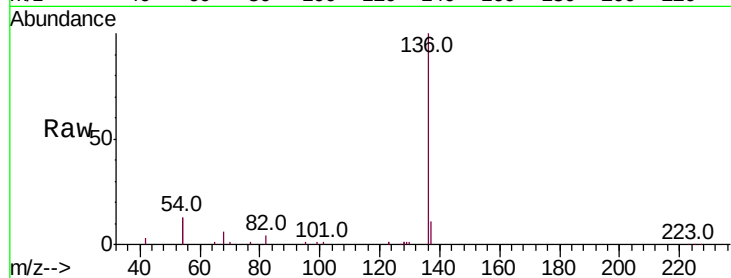
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 25.2 18.9 28.3

68 5.9 4.6 6.8

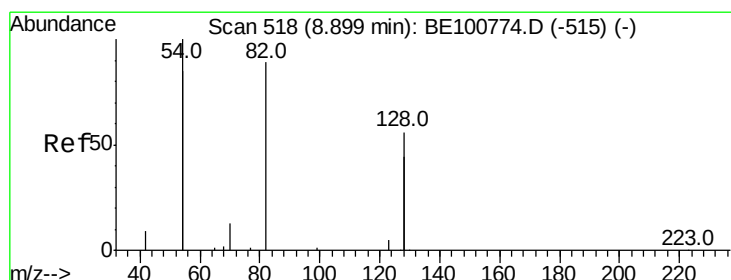
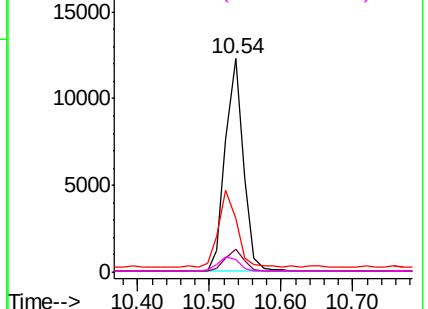


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.109 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100888.D

Acq: 13 Dec 2019 15:51

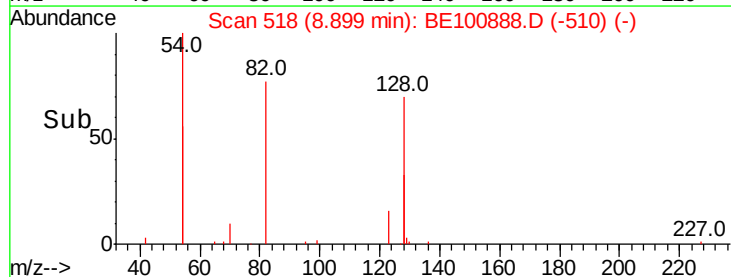
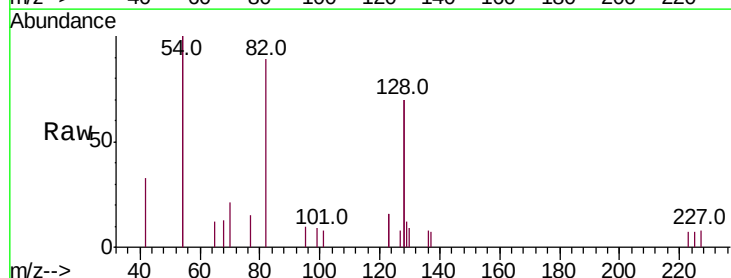
Tgt Ion: 82 Resp: 1117

Ion Ratio Lower Upper

82 100

128 157.2 113.5 170.3

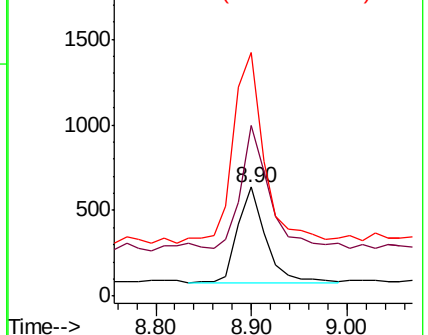
54 223.9 138.9 208.3#

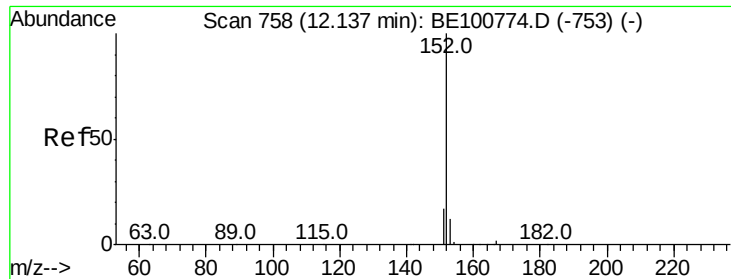


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

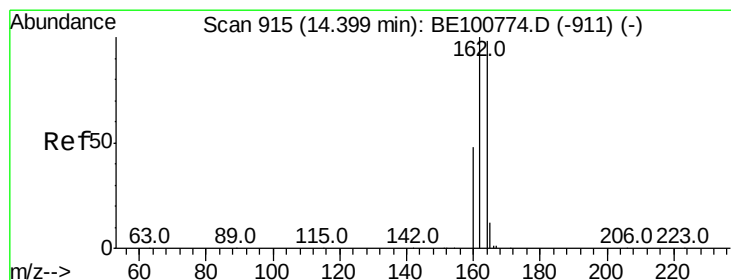
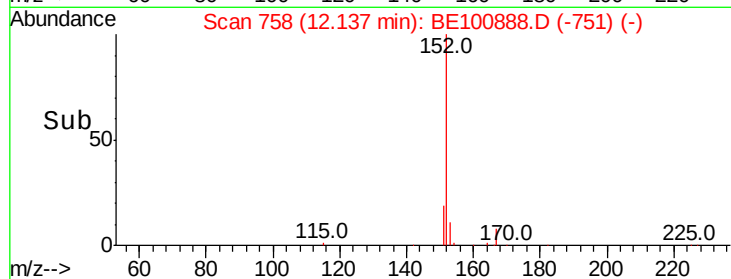
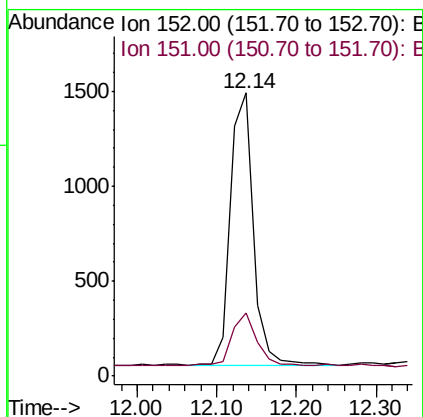
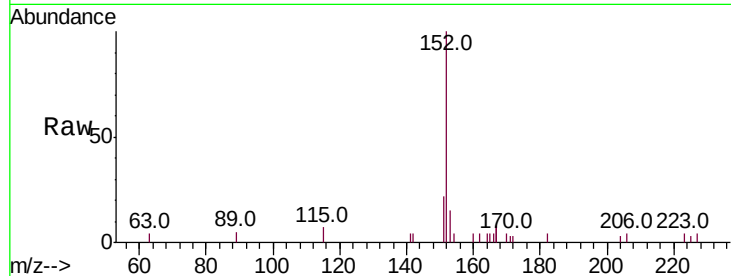




#11
 2-Methylnaphthalene-d10
 Concen: 0.093 ng
 RT: 12.14 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

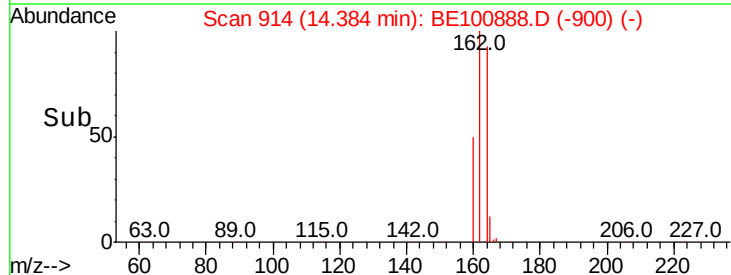
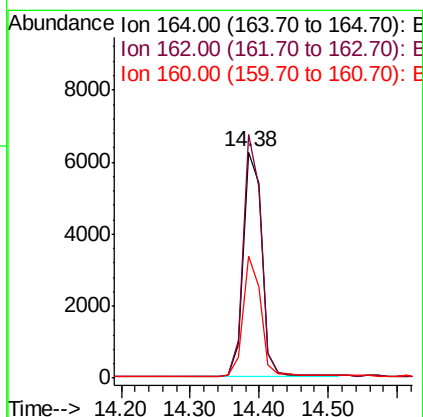
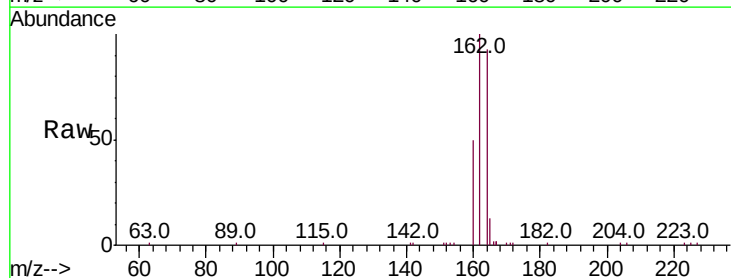
Instrument :
 BNA_E
 ClientSampleId :
 RE125D2-20191205DL

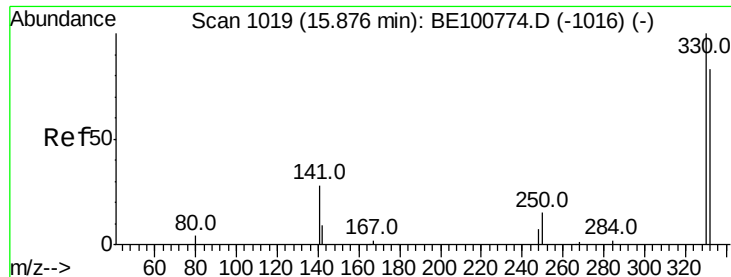
Tot Ion:152 Resp: 2903
 Ion Ratio Lower Upper
 152 100
 151 20.4 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

Tgt Ion:164 Resp: 11510
 Ion Ratio Lower Upper
 164 100
 162 107.8 86.0 129.0
 160 53.8 42.3 63.5

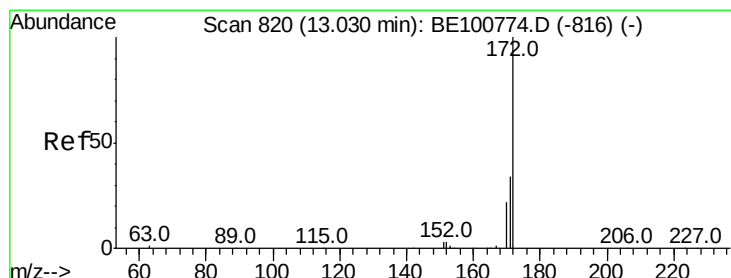
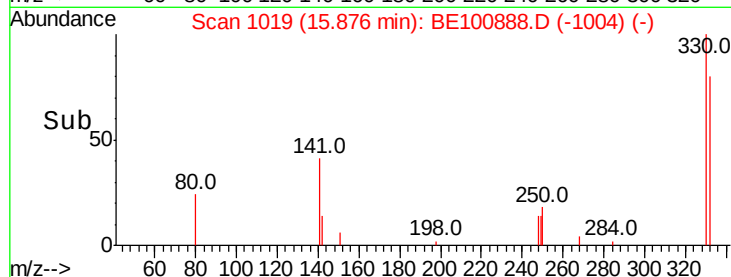
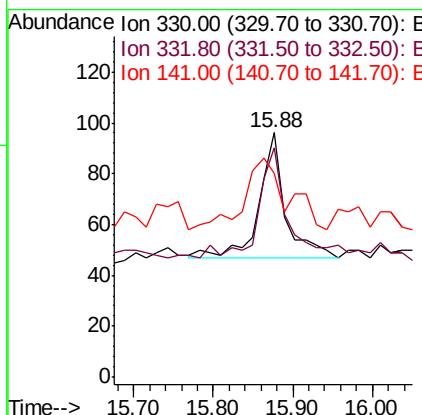
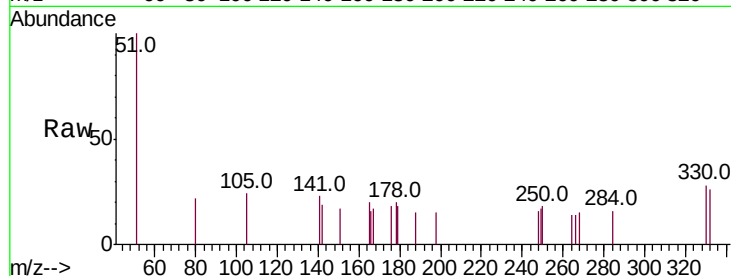




#14
 2,4,6-Tribromophenol
 Concen: 0.088 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

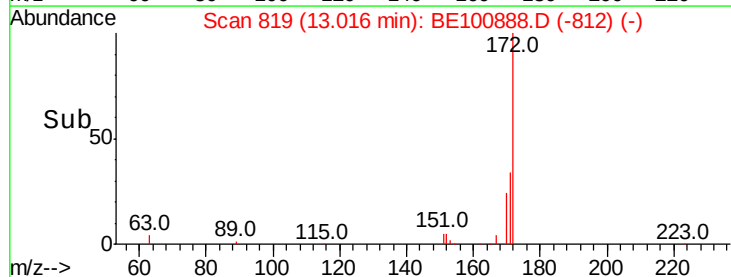
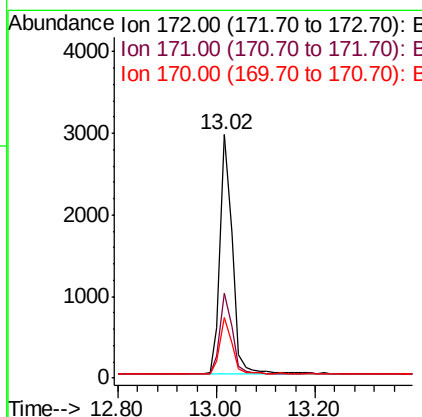
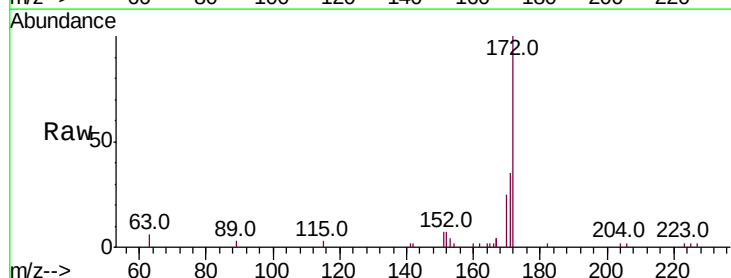
Instrument :
 BNA_E
 ClientSampleId :
 RE125D2-20191205DL

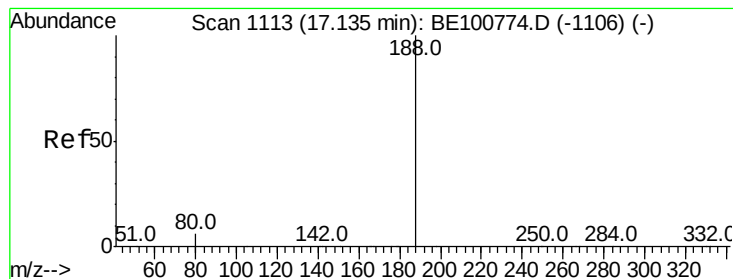
Tot Ion:330 Resp: 113
 Ion Ratio Lower Upper
 330 100
 332 90.3 74.1 111.1
 141 92.0 46.7 70.1#



#15
 2-Fluorobiphenyl
 Concen: 0.109 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100888.D
 Acq: 13 Dec 2019 15:51

Tgt Ion:172 Resp: 4992
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.2 42.4
 170 25.1 19.4 29.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE100888.D

Acq: 13 Dec 2019 15:51

Instrument :

BNA_E

ClientSampleId :

RE125D2-20191205DL

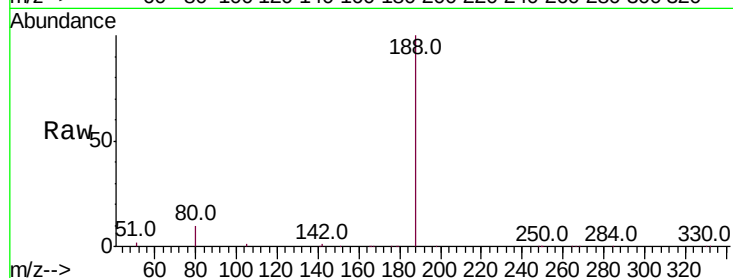
Tot Ion:188 Resp: 29014

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

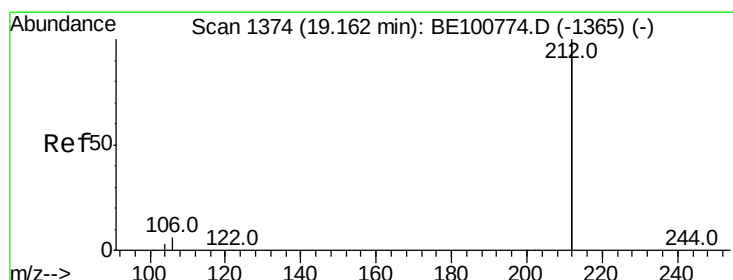
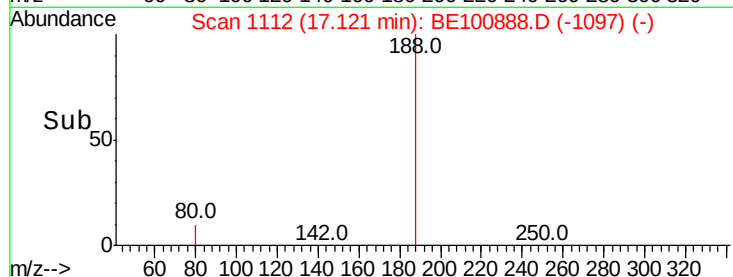
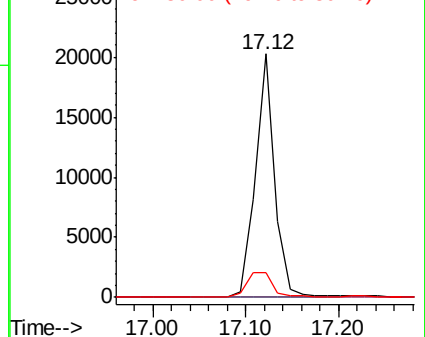
80 10.1 7.9 11.9



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: 0.076 ng

RT: 19.15 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BE100888.D

Acq: 13 Dec 2019 15:51

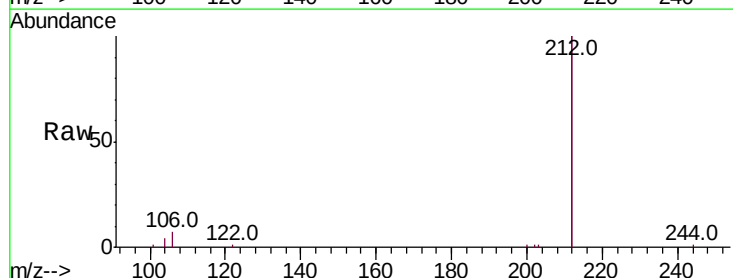
Tgt Ion:212 Resp: 26118

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

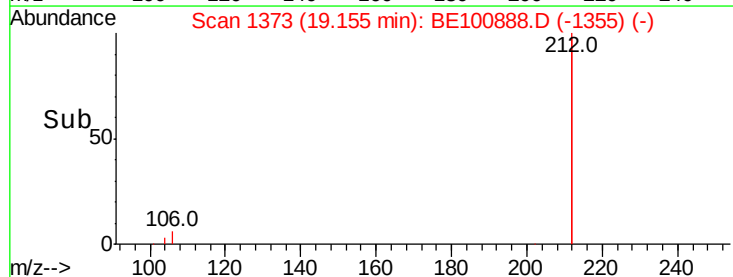
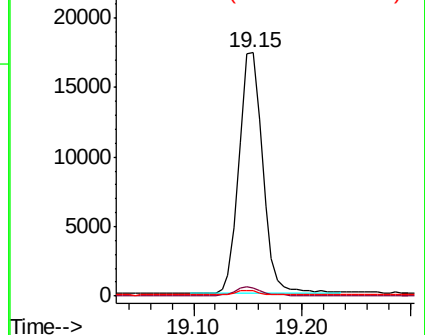
104 2.1 1.4 2.2

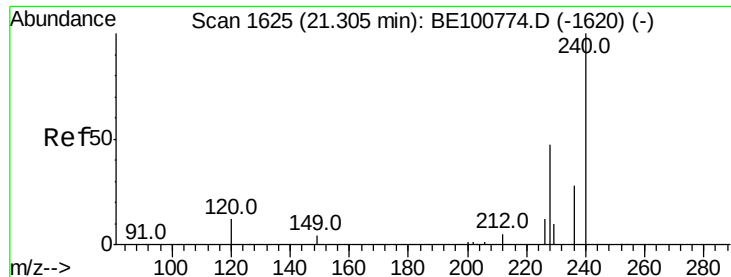


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE100888.D

Acq: 13 Dec 2019 15:51

Instrument :

BNA_E

ClientSampleId :

RE125D2-20191205DL

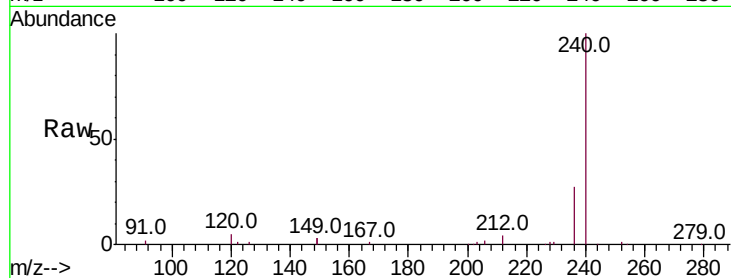
Tot Ion:240 Resp: 21152

Ion Ratio Lower Upper

240 100

120 5.2 4.0 6.0

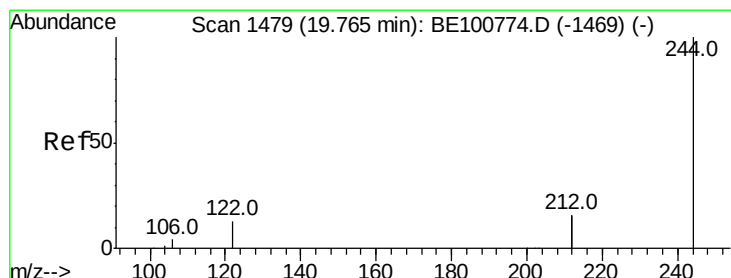
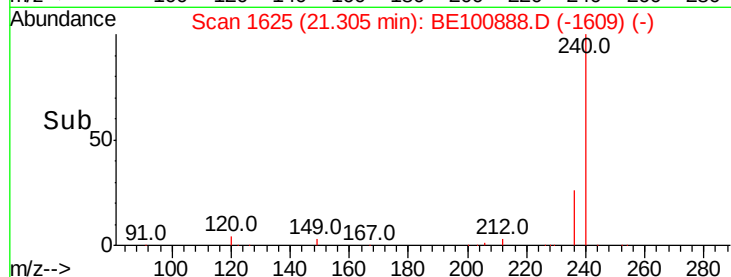
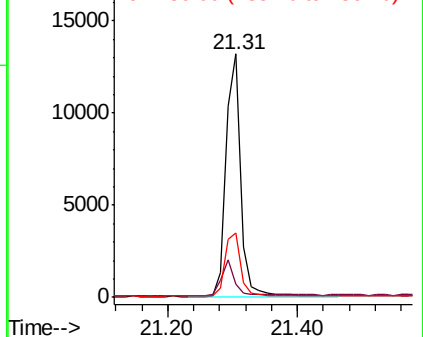
236 26.7 21.6 32.4



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: 0.113 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE100888.D

Acq: 13 Dec 2019 15:51

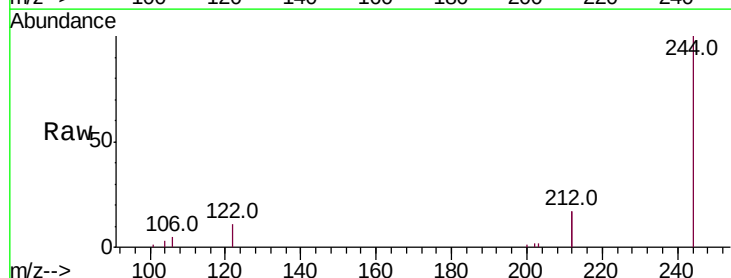
Tgt Ion:244 Resp: 5727

Ion Ratio Lower Upper

244 100

212 33.8 25.2 37.8

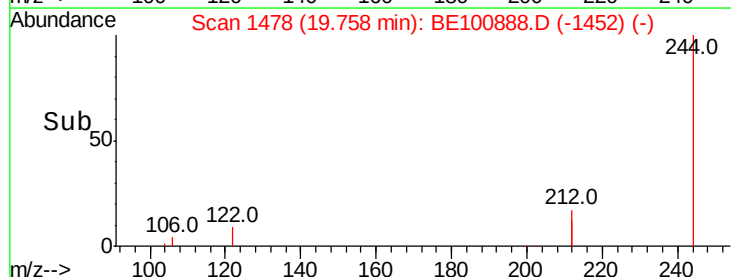
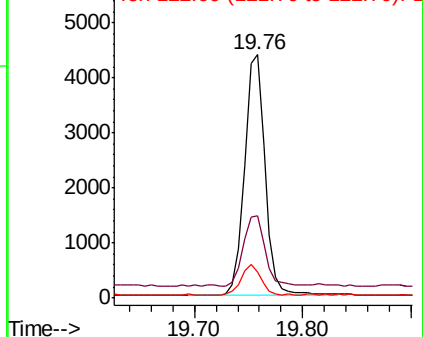
122 10.7 8.9 13.3

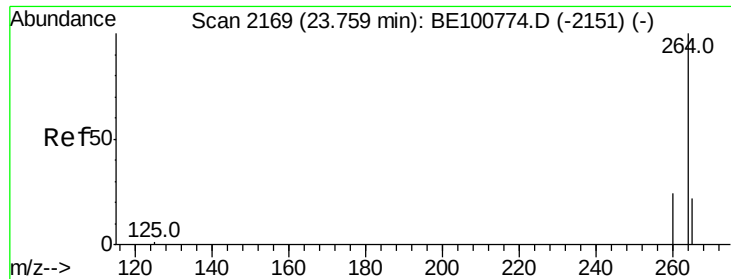


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



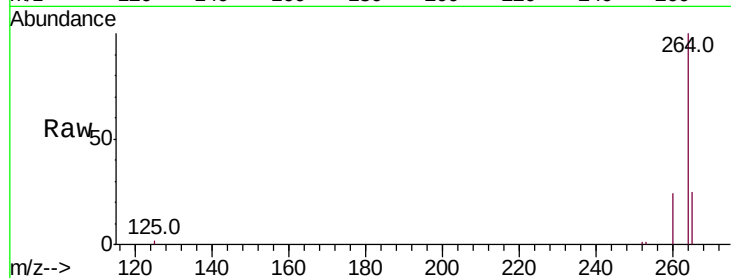


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BE100888.D
Acq: 13 Dec 2019 15:51

Instrument :
BNA_E
ClientSampleId :
RE125D2-20191205DL

Tot Ion: 264 Resp: 24832

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	25.3	20.1	30.1



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

