

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100889.D
 Acq On : 13 Dec 2019 16:30
 Operator : JU
 Sample : K6185-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 13 17:29:13 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

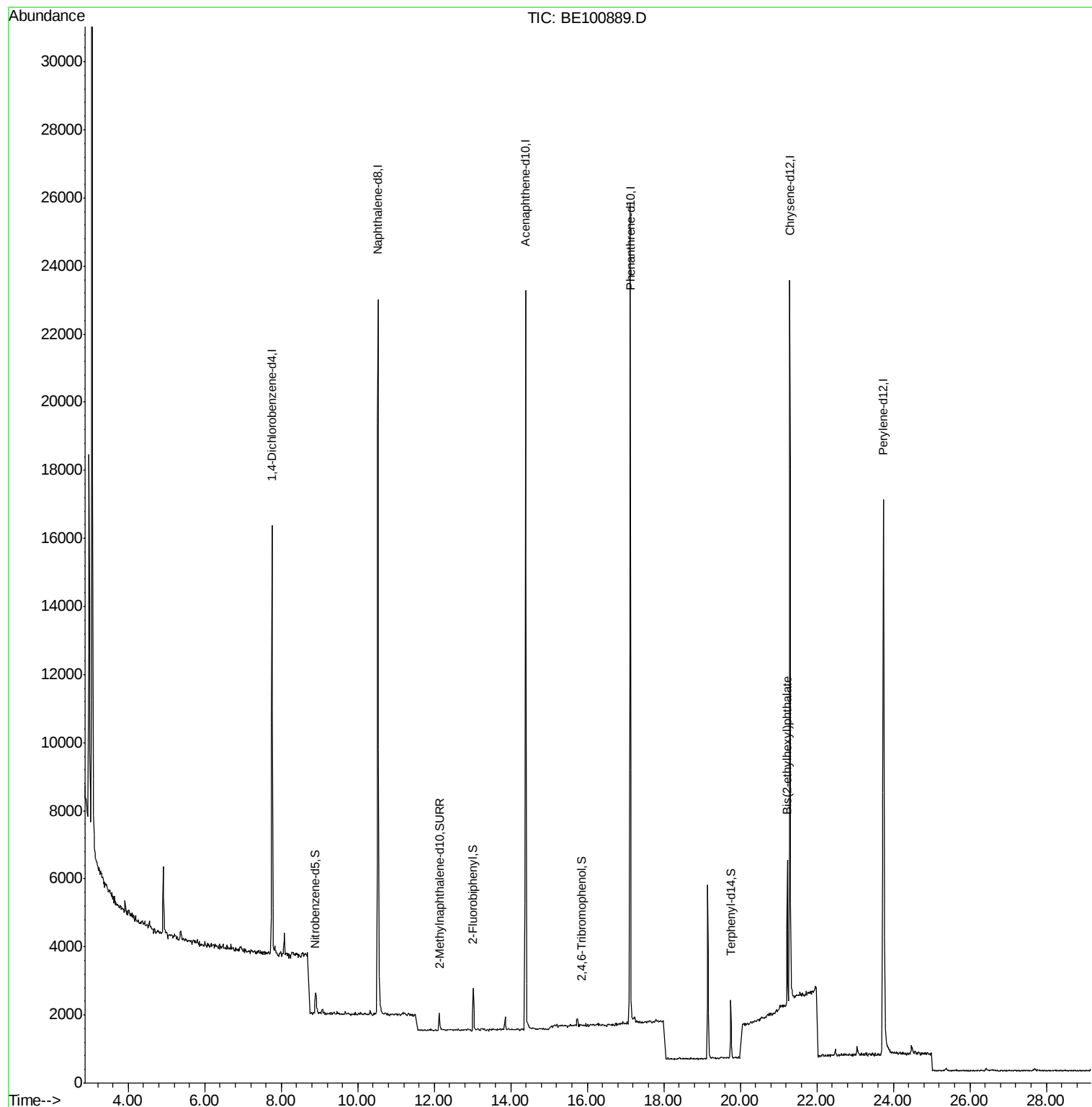
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5582	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	25274	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	13270	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31597	0.40	ng	0.00
27) Chrysene-d12	21.29	240	22921	0.40	ng	-0.01
34) Perylene-d12	23.74	264	26710	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	140	0.01	ng	0.00
5) Phenol-d6	6.93	99	97	0.00	ng	0.00
8) Nitrobenzene-d5	8.90	82	323	0.03	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	837	0.02	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	31	0.02	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	1164	0.02	ng	0.00
25) Fluoranthene-d10	19.15	212	6900	0.02	ng	0.00
29) Terphenyl-d14	19.76	244	1560	0.03	ng	0.00
Target Compounds						
32) Bis(2-ethylhexyl)phthalate	21.23	149	5167	0.052	ng	Qvalue # 99

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

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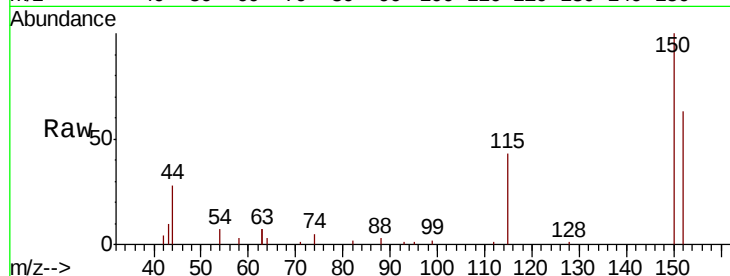


#1

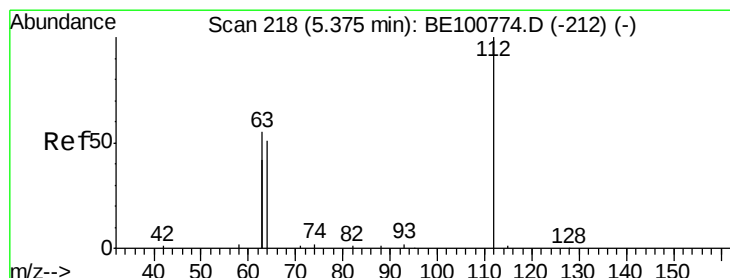
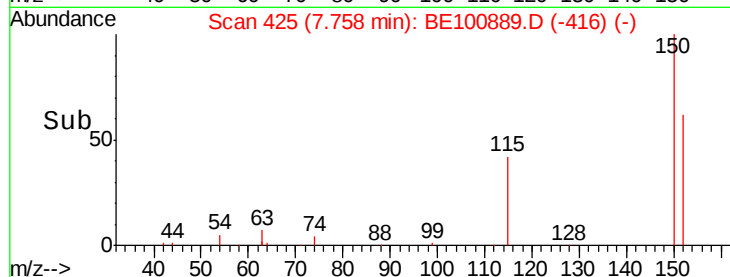
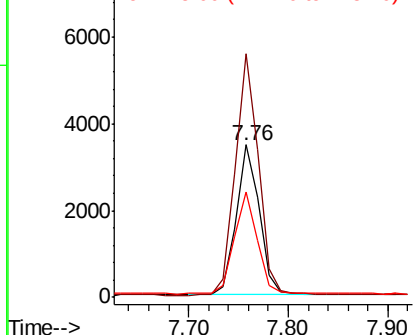
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.00 min
Lab File: BE100889.D
Acq: 13 Dec 2019 16:30

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 5582
Ion Ratio Lower Upper
152 100
150 159.9 125.5 188.3
115 68.8 55.7 83.5



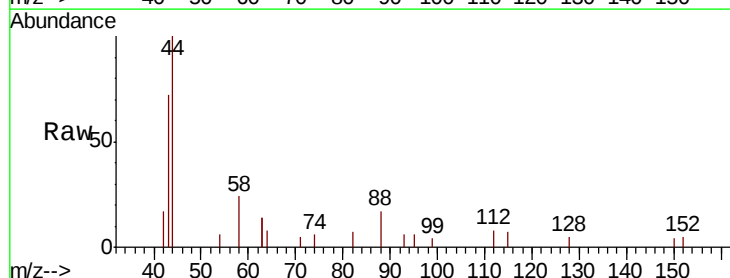
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



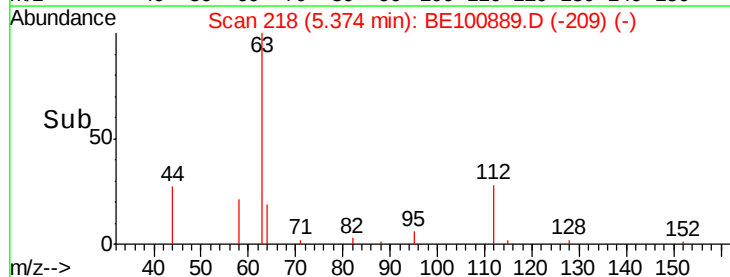
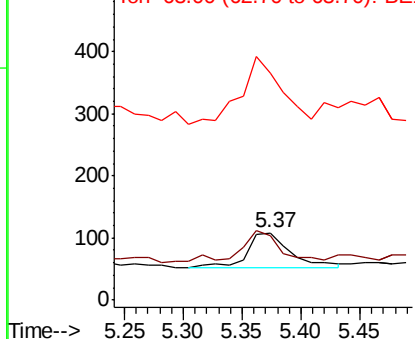
#4

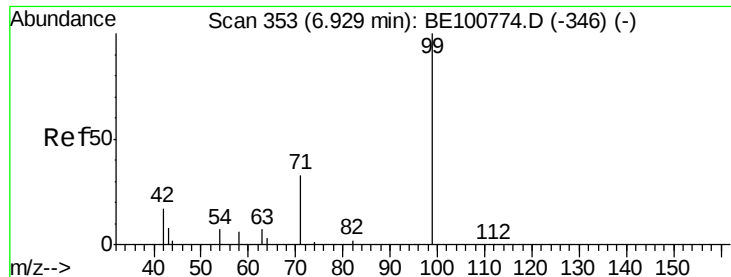
2-Fluorophenol
Concen: 0.011 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100889.D
Acq: 13 Dec 2019 16:30

Tgt Ion:112 Resp: 140
Ion Ratio Lower Upper
112 100
64 72.9 54.5 81.7
63 191.4 116.1 174.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.005 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100889.D

Acq: 13 Dec 2019 16:30

Instrument :

BNA_E

ClientSampleId :

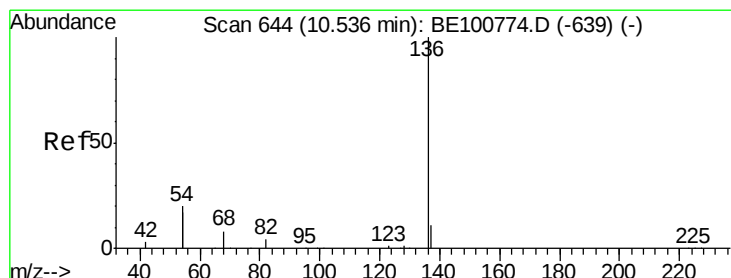
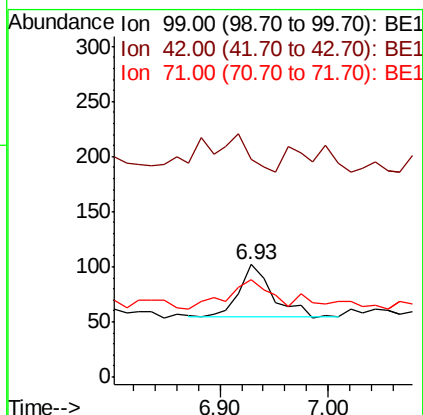
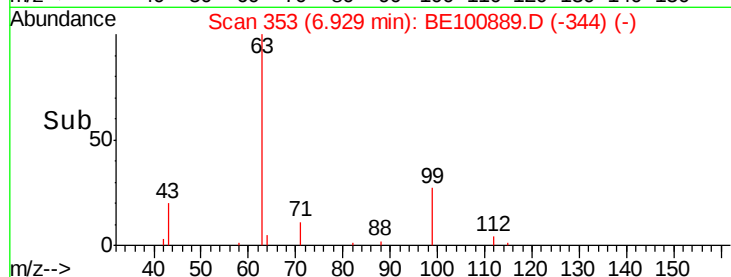
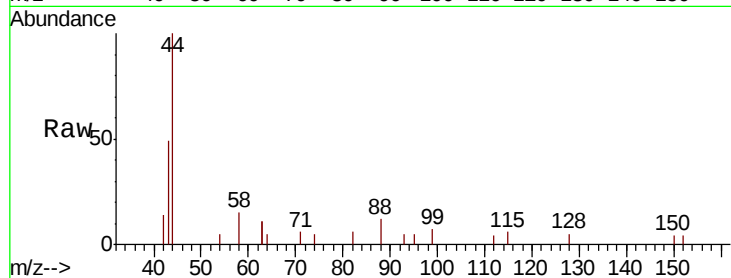
Tot Ion: 99 Resp: 97

Ion Ratio Lower Upper

99 100

42 101.0 18.2 27.2#

71 70.1 29.1 43.7#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100889.D

Acq: 13 Dec 2019 16:30

Tgt Ion: 136 Resp: 25274

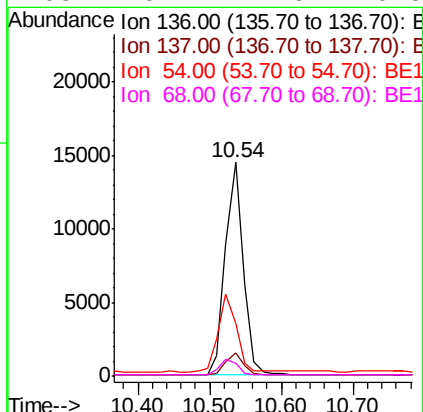
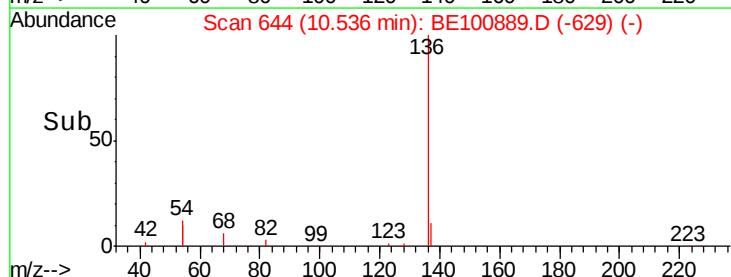
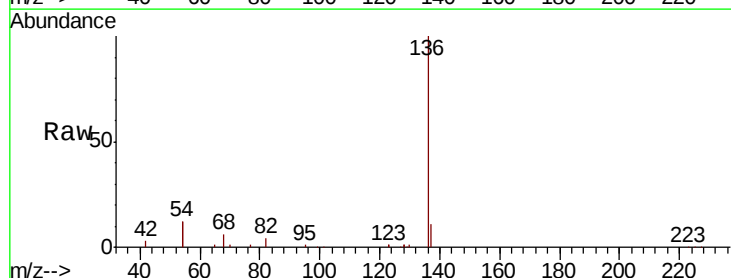
Ion Ratio Lower Upper

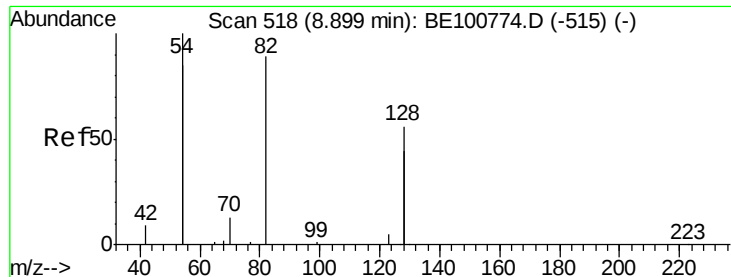
136 100

137 11.0 9.1 13.7

54 24.6 18.9 28.3

68 6.1 4.6 6.8





#8

Nitrobenzene-d5

Concen: 0.027 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100889.D

Acq: 13 Dec 2019 16:30

Instrument :

BNA_E

ClientSampleId :

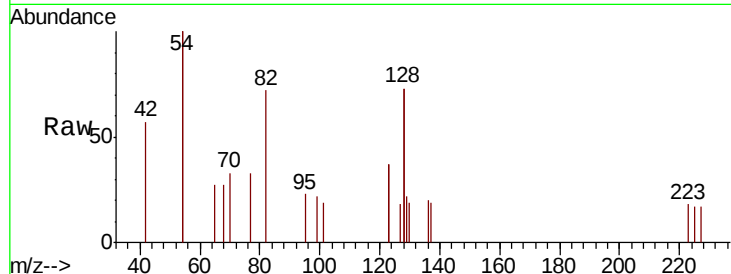
Tot Ion: 82 Resp: 323

Ion Ratio Lower Upper

82 100

128 201.8 113.5 170.3#

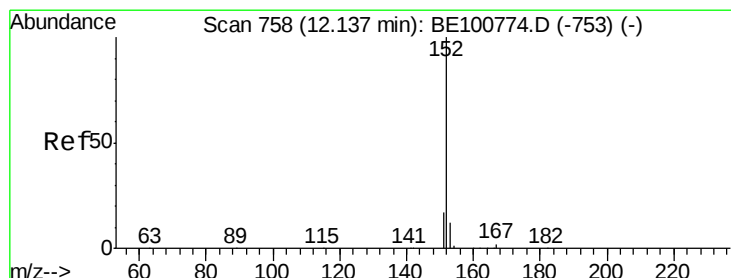
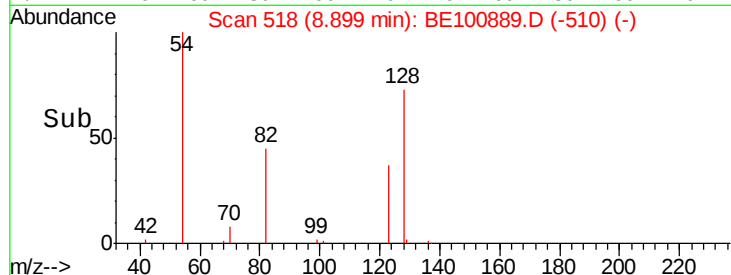
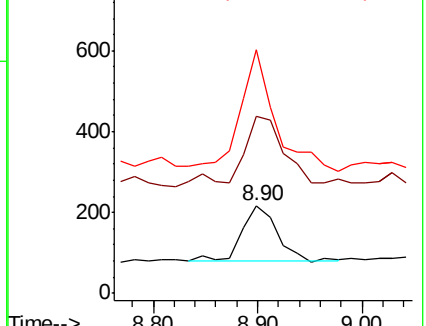
54 277.4 138.9 208.3#



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: 0.023 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100889.D

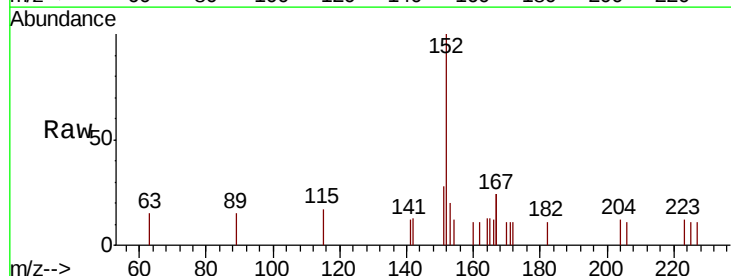
Acq: 13 Dec 2019 16:30

Tgt Ion: 152 Resp: 837

Ion Ratio Lower Upper

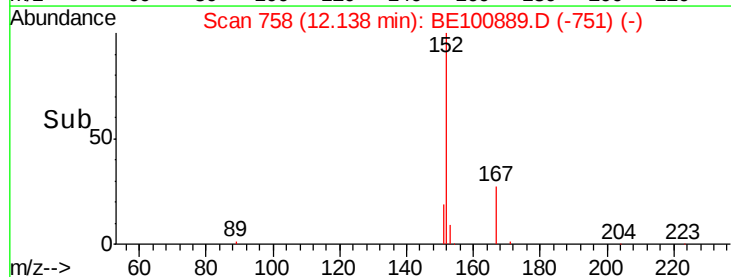
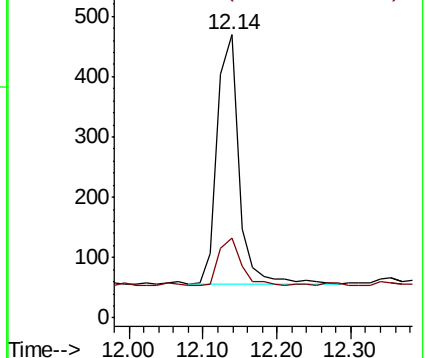
152 100

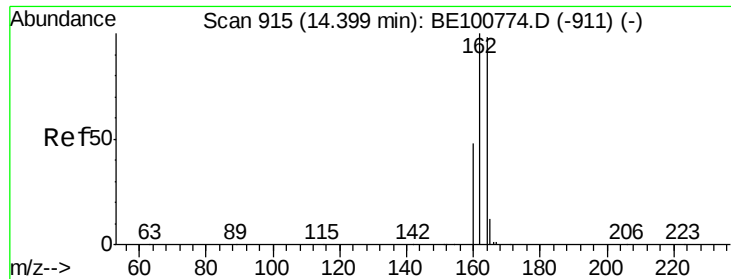
151 20.4 15.1 22.7



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: 14.39 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100889.D

Acq: 13 Dec 2019 16:30

Instrument :

BNA_E

ClientSampleId :

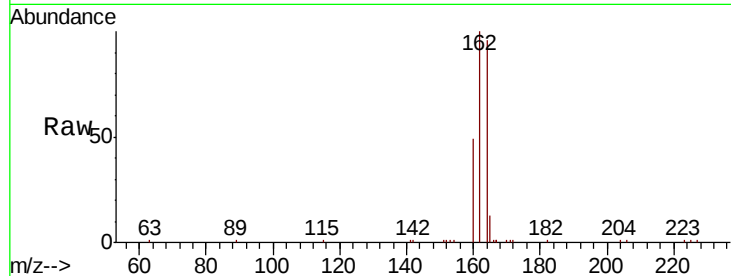
Tot Ion:164 Resp: 13270

Ion Ratio Lower Upper

164 100

162 103.7 86.0 129.0

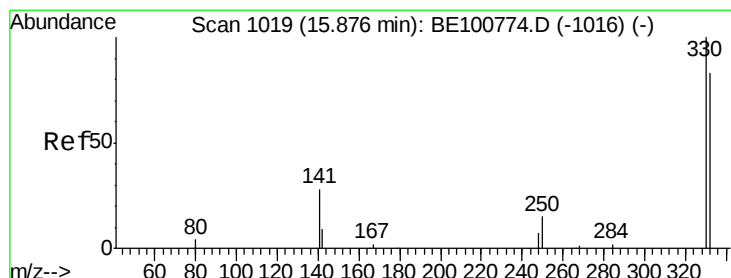
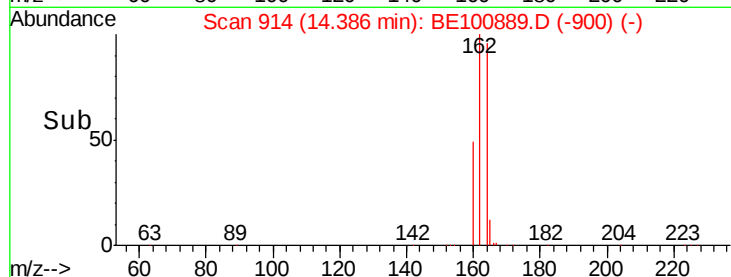
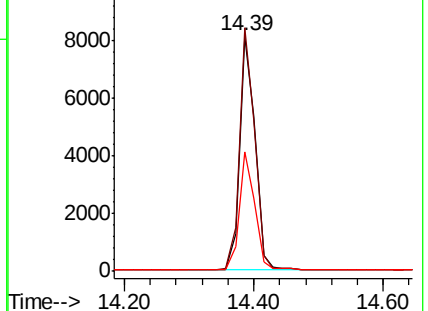
160 50.9 42.3 63.5



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: 0.021 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100889.D

Acq: 13 Dec 2019 16:30

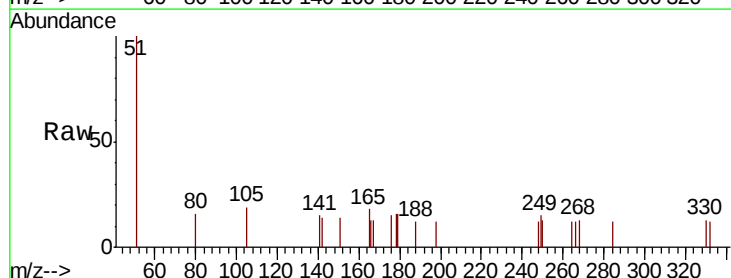
Tgt Ion:330 Resp: 31

Ion Ratio Lower Upper

330 100

332 71.0 74.1 111.1#

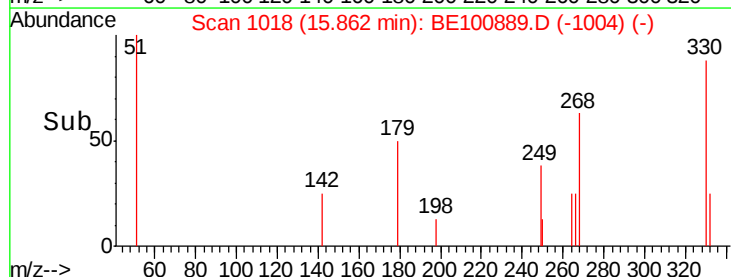
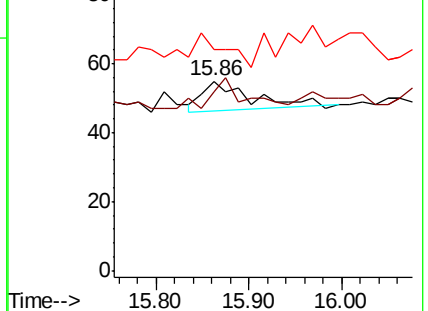
141 0.0 46.7 70.1#

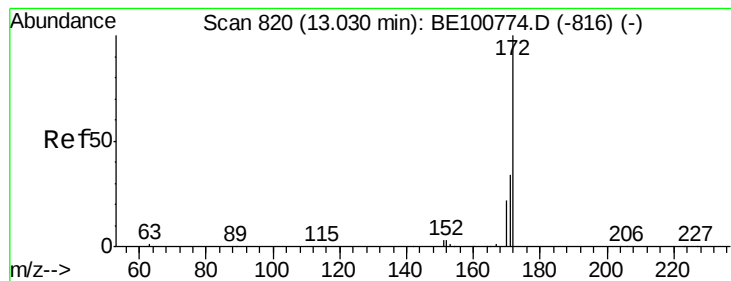


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

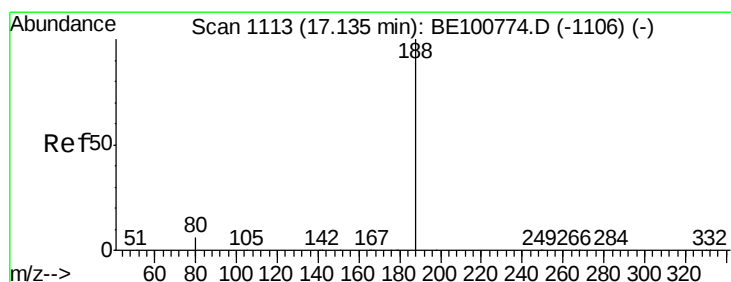
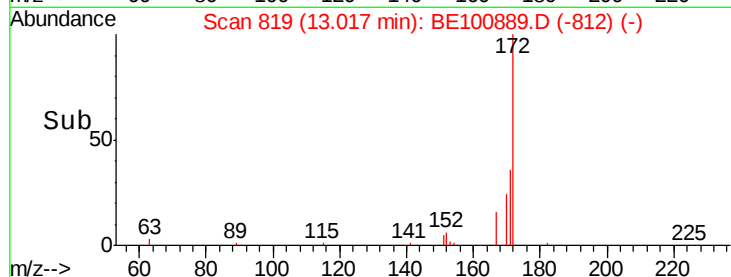
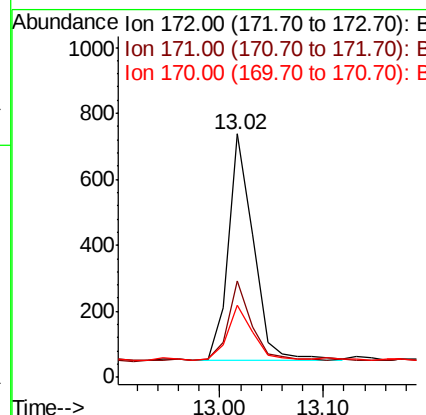
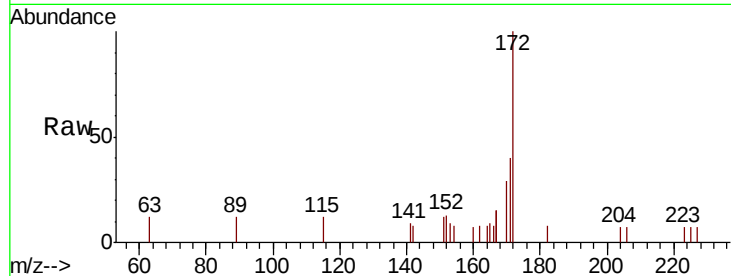




#15
2-Fluorobiphenyl
Concen: 0.022 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100889.D
Acq: 13 Dec 2019 16:30

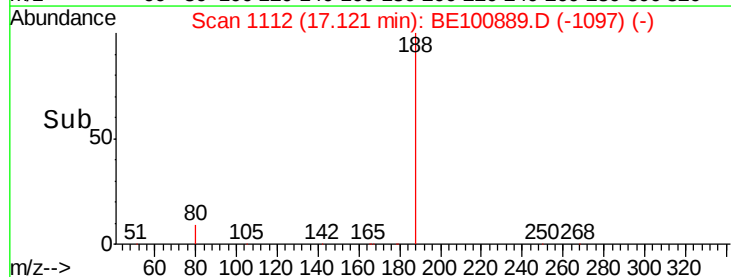
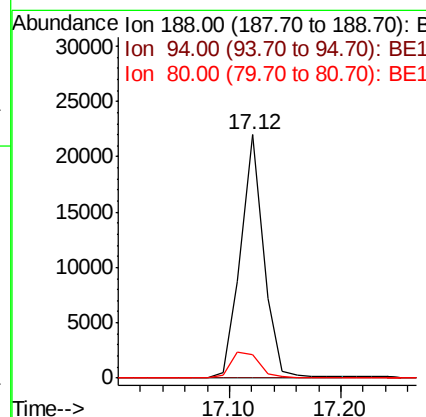
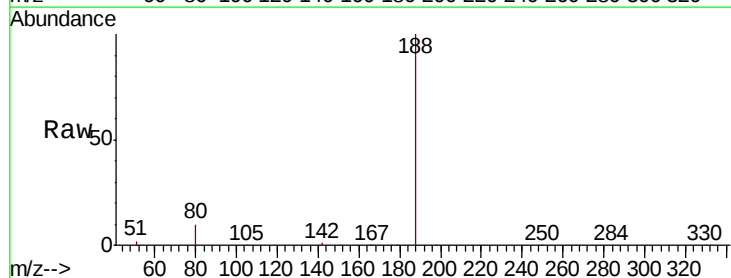
Instrument :
BNA_E
ClientSampleId :

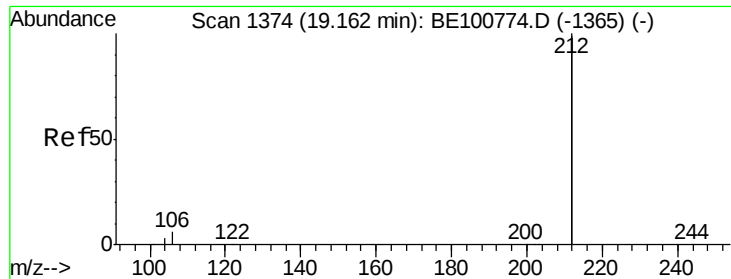
Tot Ion:172 Resp: 1164
Ion Ratio Lower Upper
172 100
171 39.8 28.2 42.4
170 29.4 19.4 29.0#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100889.D
Acq: 13 Dec 2019 16:30

Tgt Ion:188 Resp: 31597
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.9 11.9





#25

Fluoranthene-d10

Concen: 0.018 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100889.D

Acq: 13 Dec 2019 16:30

Instrument :

BNA_E

ClientSampleId :

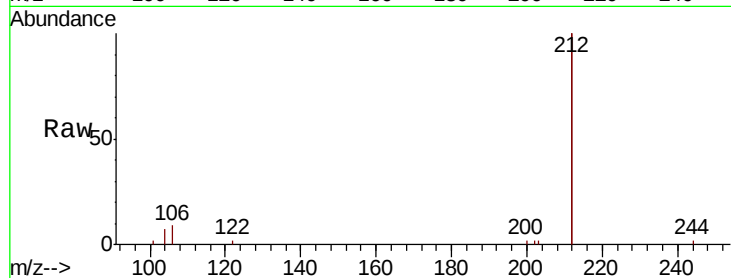
Tot Ion:212 Resp: 6900

Ion Ratio Lower Upper

212 100

106 3.9 2.6 4.0

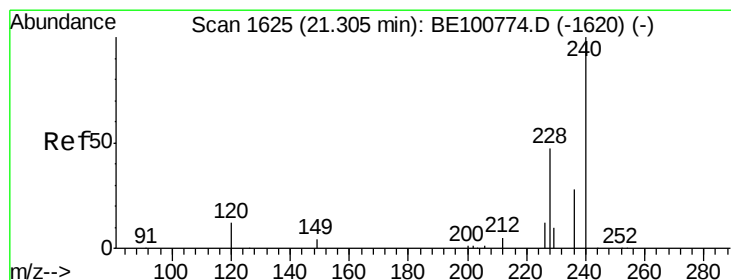
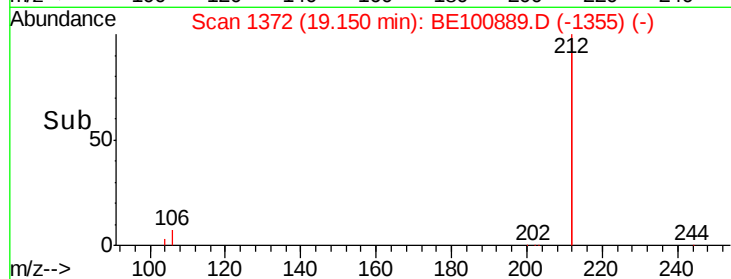
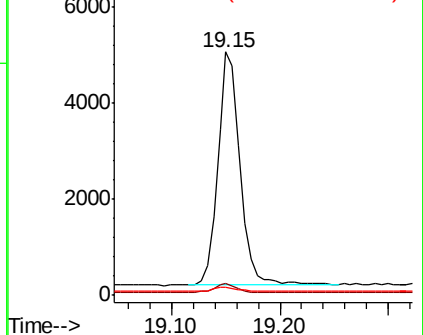
104 2.3 1.4 2.2#



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: BE100889.D

Acq: 13 Dec 2019 16:30

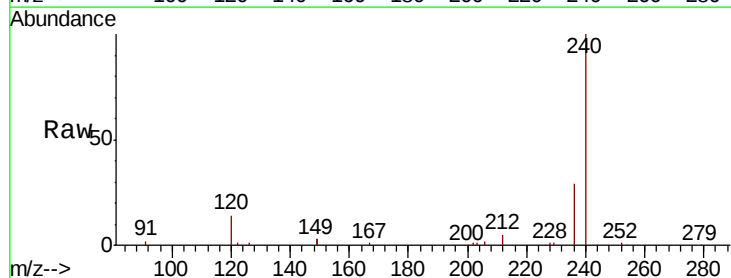
Tgt Ion:240 Resp: 22921

Ion Ratio Lower Upper

240 100

120 13.9 4.0 6.0#

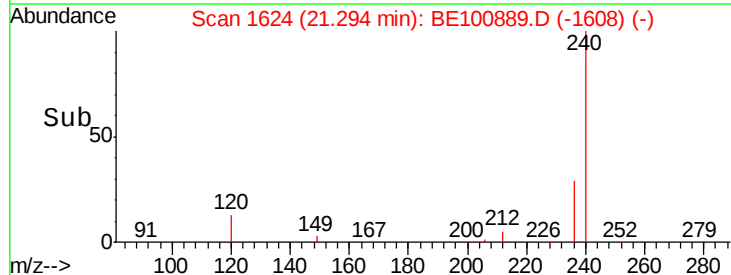
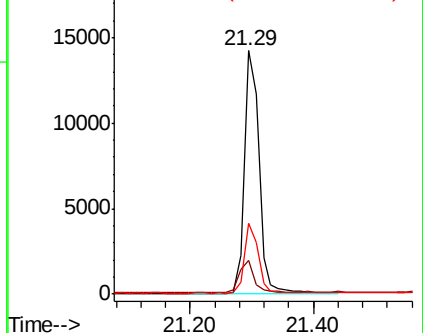
236 29.1 21.6 32.4

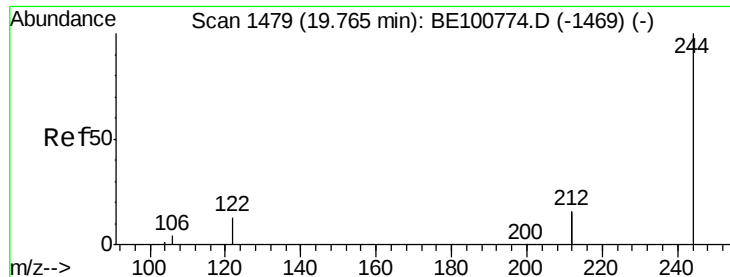


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.028 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100889.D

Acq: 13 Dec 2019 16:30

Instrument :

BNA_E

ClientSampleId :

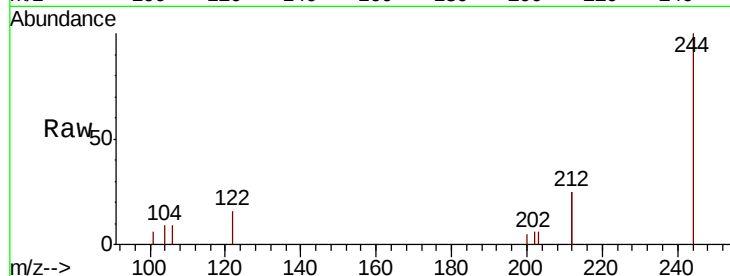
Tot Ion:244 Resp: 1560

Ion Ratio Lower Upper

244 100

212 49.3 25.2 37.8#

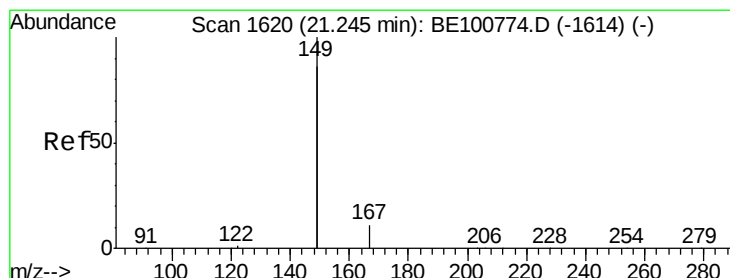
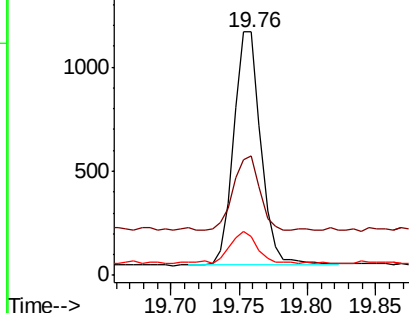
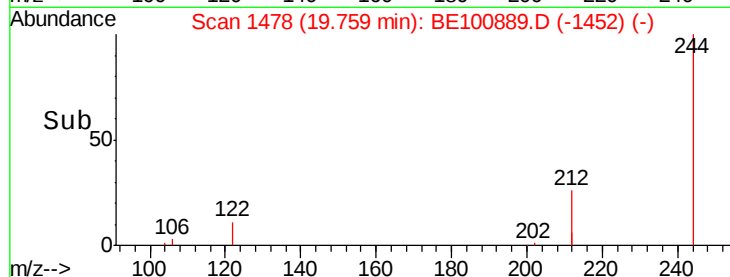
122 16.0 8.9 13.3#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.052 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100889.D

Acq: 13 Dec 2019 16:30

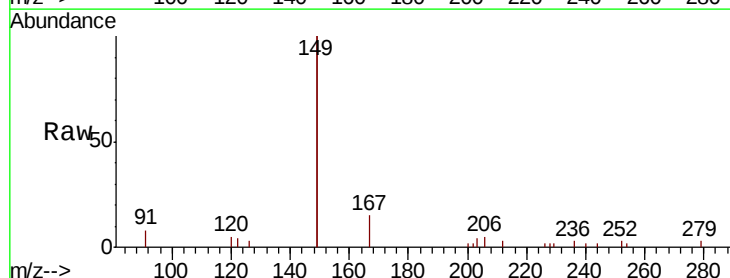
Tgt Ion:149 Resp: 5167

Ion Ratio Lower Upper

149 100

167 6.5 5.0 7.4

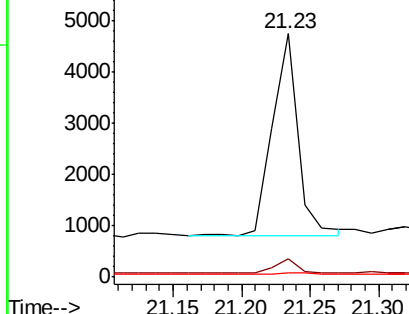
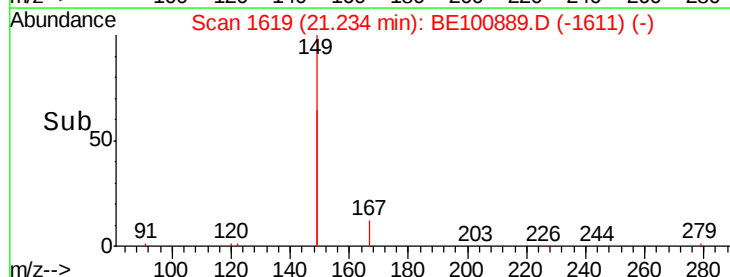
279 1.6 0.6 1.0#

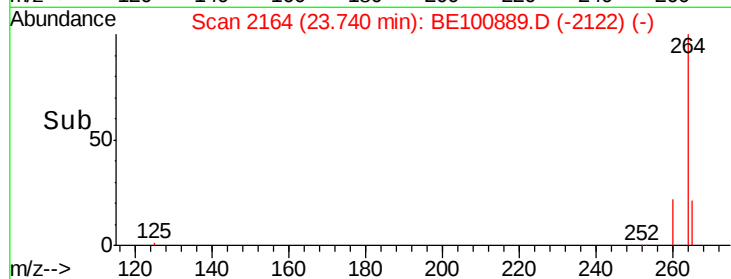
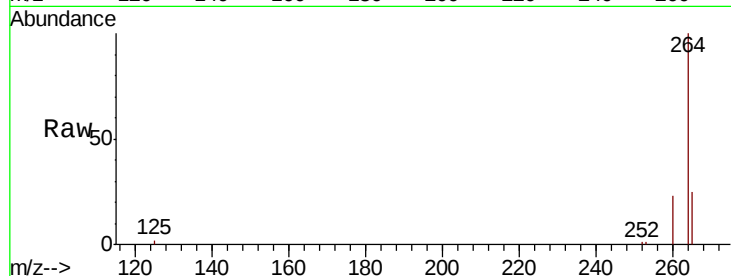
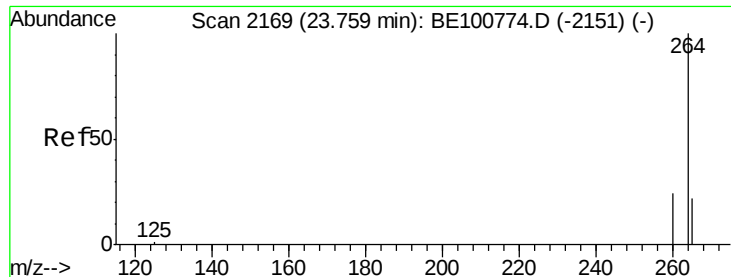


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BE100889.D

Acq: 13 Dec 2019 16:30

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 26710

Ion Ratio Lower Upper

264 100

260 22.5 19.4 29.0

265 24.7 20.1 30.1

