

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100885.D
 Acq On : 13 Dec 2019 14:00
 Operator : JU
 Sample : K6185-14DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20191205DL

Quant Time: Dec 13 15:35:22 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

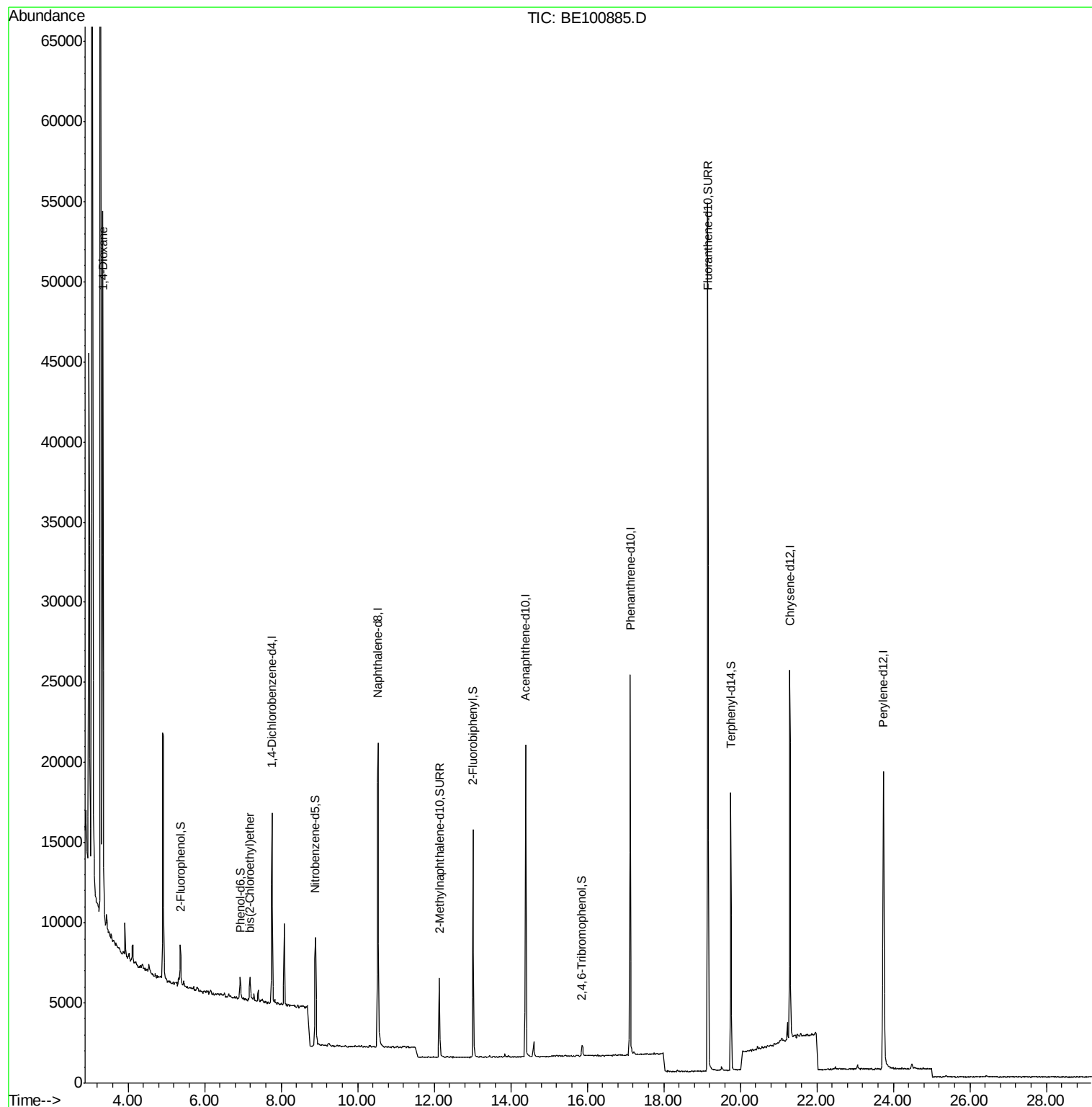
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5120	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	23205	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	12904	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31210	0.40	ng	0.00
27) Chrysene-d12	21.29	240	25313	0.40	ng	-0.01
34) Perylene-d12	23.74	264	28152	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1328	0.11	ng	0.00
5) Phenol-d6	6.93	99	1224	0.07	ng	0.00
8) Nitrobenzene-d5	8.90	82	3038	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	7418	0.22	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	451	0.31	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	12808	0.25	ng	0.00
25) Fluoranthene-d10	19.15	212	72014	0.20	ng	0.00
29) Terphenyl-d14	19.75	244	15102	0.25	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	27060	2.899	ng	# 87
6) bis(2-Chloroethyl)ether	7.18	93	676	0.038	ng	# 97

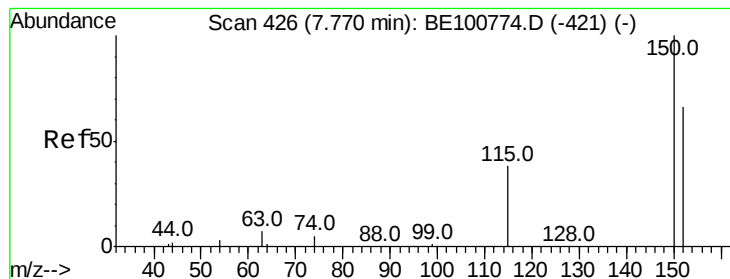
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100885.D

Acq: 13 Dec 2019 14:00

Instrument :

BNA_E

ClientSampleId :

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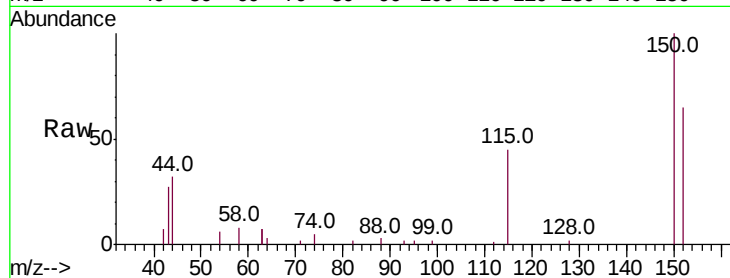
Tot Ion:152 Resp: 5120

Ion Ratio Lower Upper

152 100

150 154.7 125.5 188.3

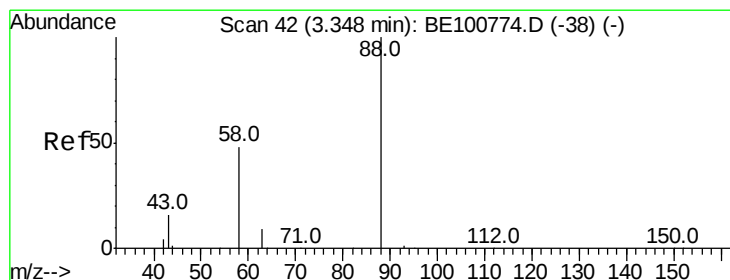
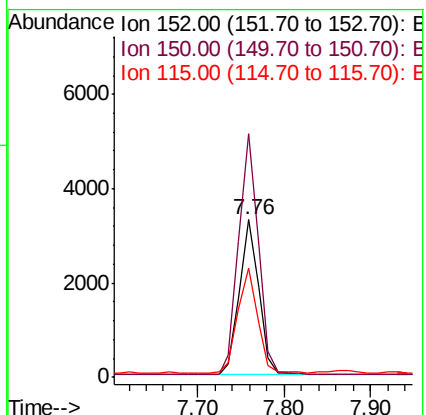
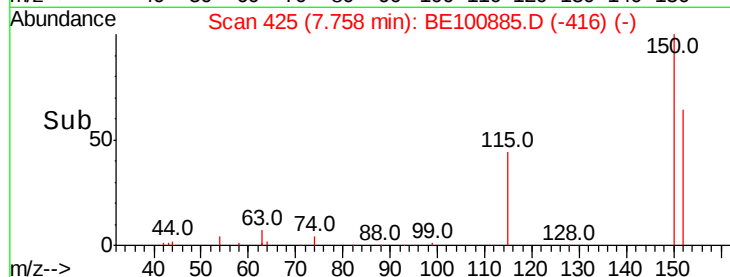
115 69.5 55.7 83.5



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: 2.899 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

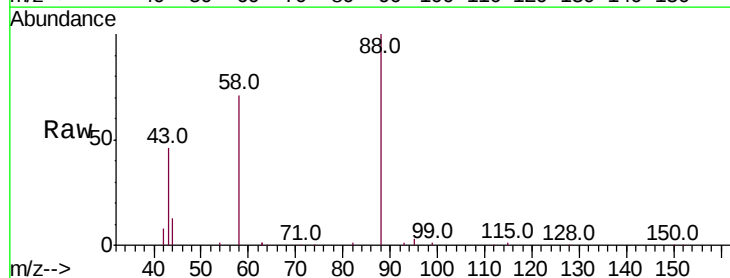
Tgt Ion: 88 Resp: 27060

Ion Ratio Lower Upper

88 100

58 75.5 52.3 78.5

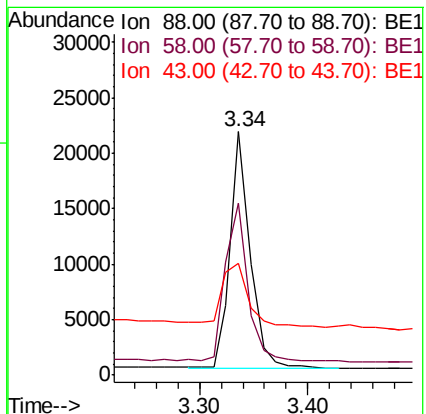
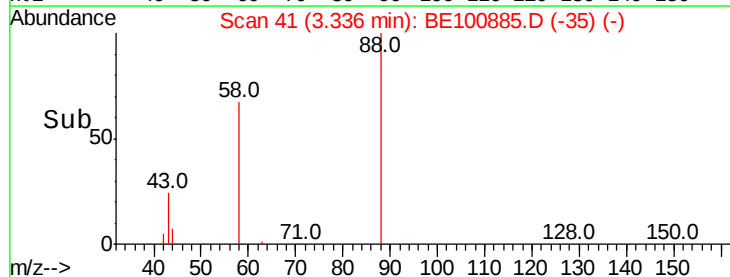
43 36.6 23.5 35.3#

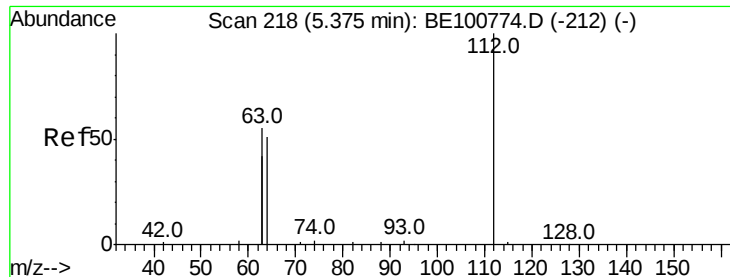


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.109 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205DL

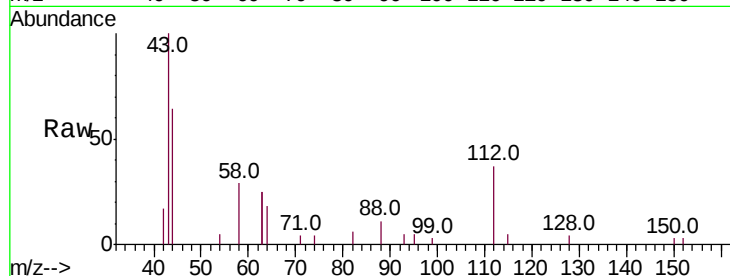
Tot Ion:112 Resp: 1328

Ion Ratio Lower Upper

112 100

64 64.6 54.5 81.7

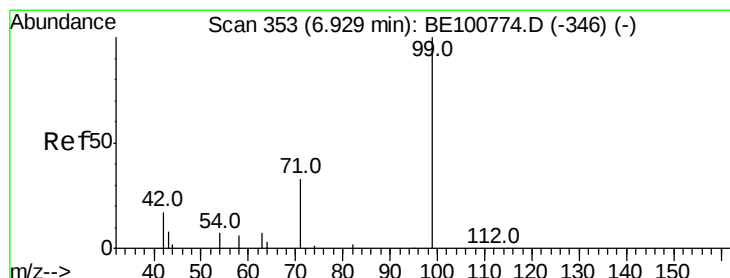
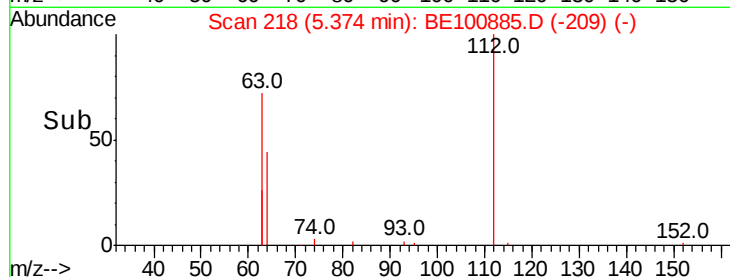
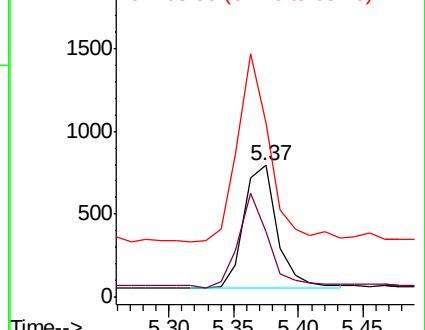
63 147.1 116.1 174.1



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: 0.067 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

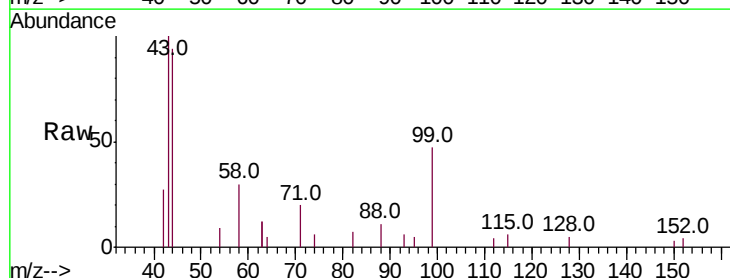
Tgt Ion: 99 Resp: 1224

Ion Ratio Lower Upper

99 100

42 42.1 18.2 27.2#

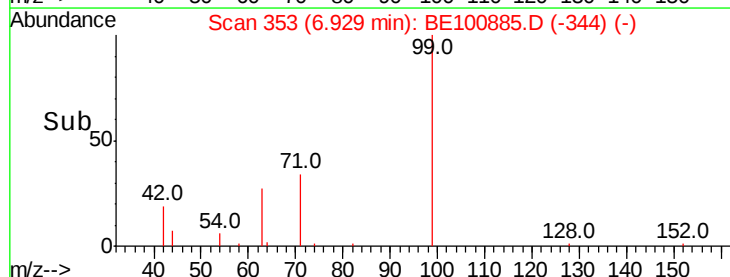
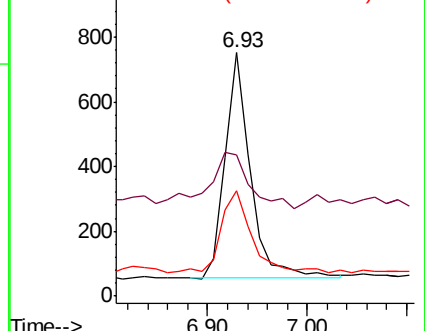
71 42.8 29.1 43.7

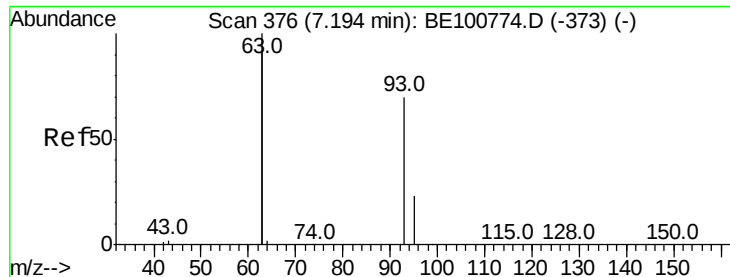


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.038 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205DL

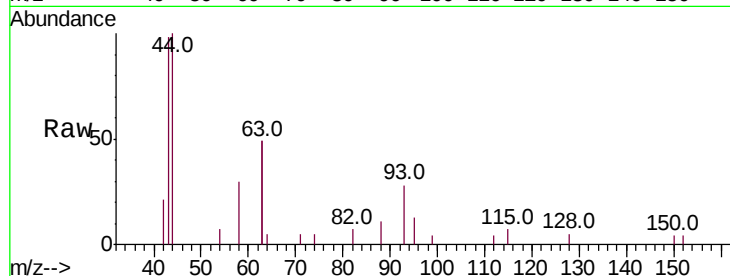
Tot Ion: 93 Resp: 676

Ion Ratio Lower Upper

93 100

63 320.6 253.9 380.9

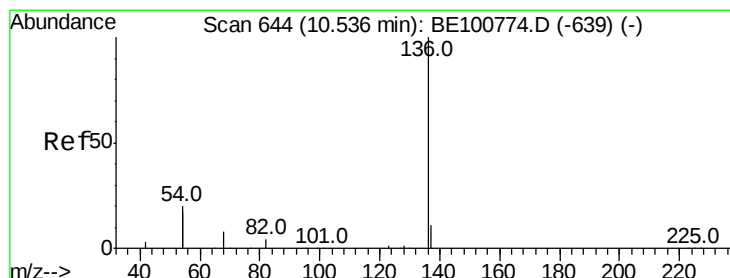
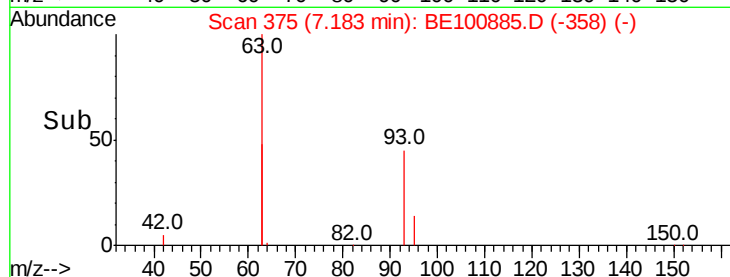
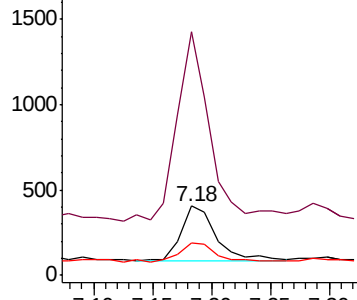
95 42.2 25.0 37.6#



Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

Tgt Ion: 136 Resp: 23205

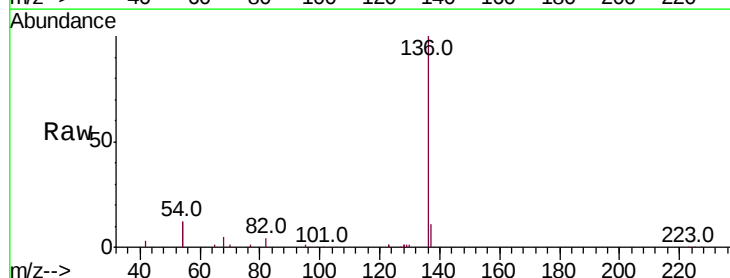
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 23.5 18.9 28.3

68 5.5 4.6 6.8

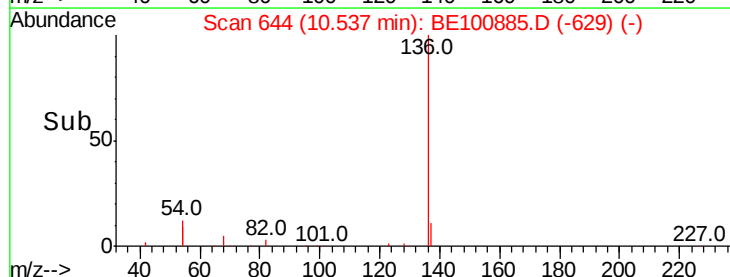
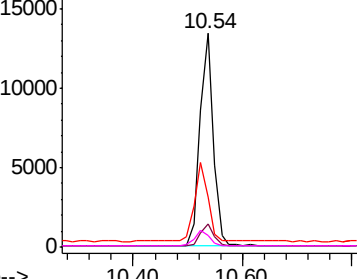


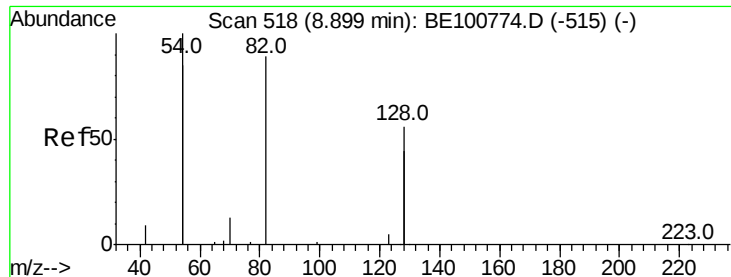
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.275 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205DL

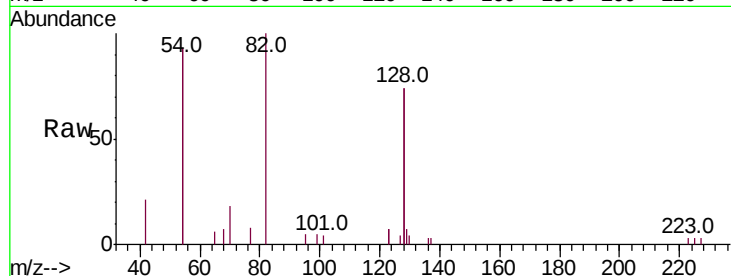
Tot Ion: 82 Resp: 3038

Ion Ratio Lower Upper

82 100

128 147.3 113.5 170.3

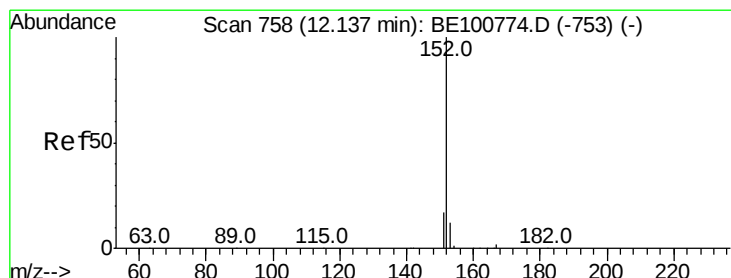
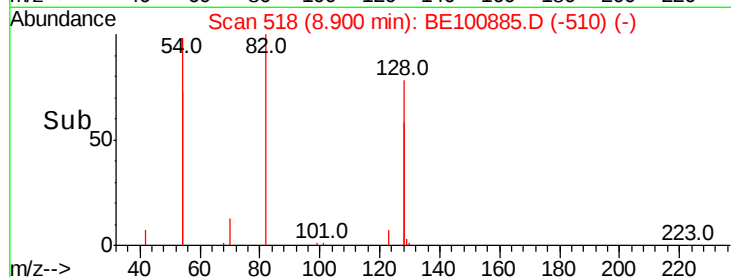
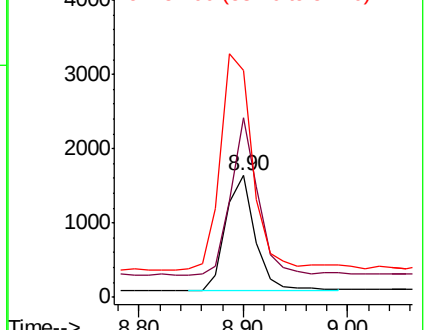
54 186.4 138.9 208.3



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.221 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100885.D

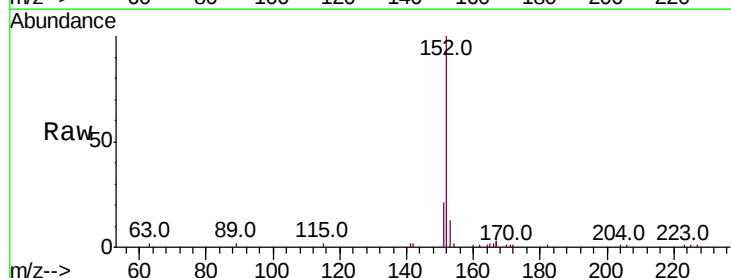
Acq: 13 Dec 2019 14:00

Tgt Ion: 152 Resp: 7418

Ion Ratio Lower Upper

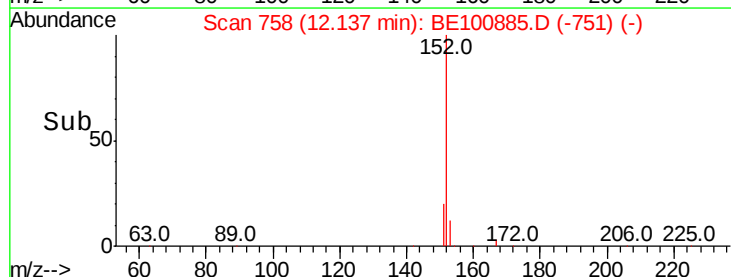
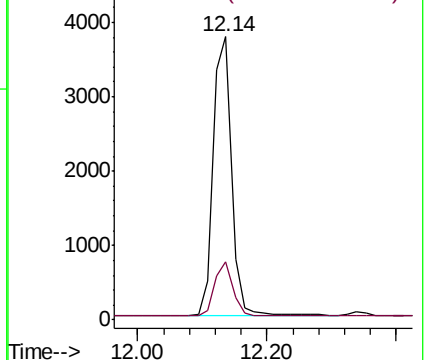
152 100

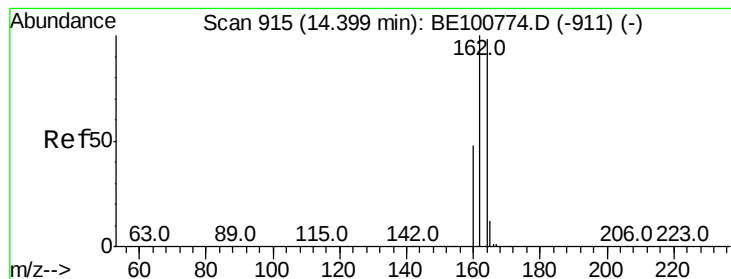
151 19.0 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205DL

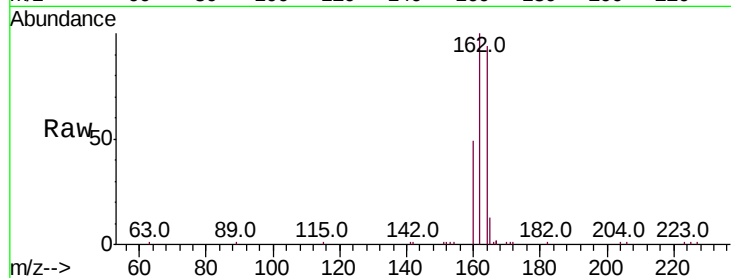
Tot Ion:164 Resp: 12904

Ion Ratio Lower Upper

164 100

162 106.0 86.0 129.0

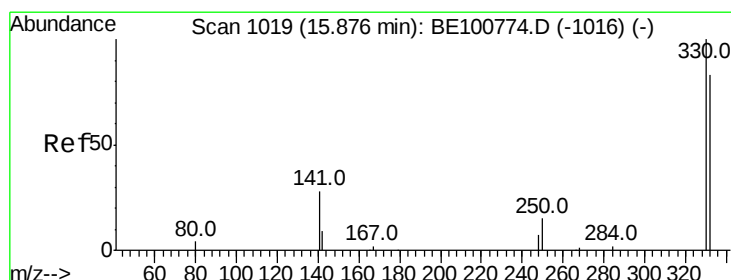
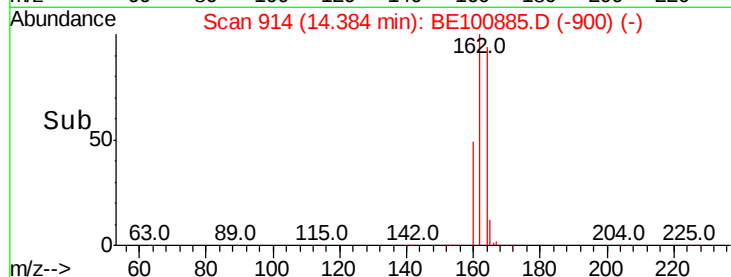
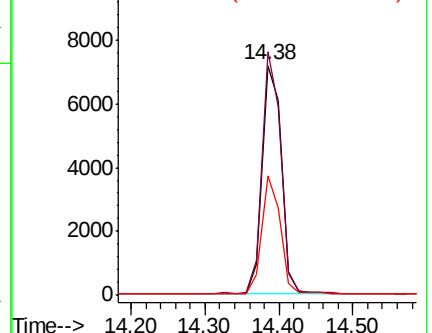
160 52.0 42.3 63.5



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: 0.314 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

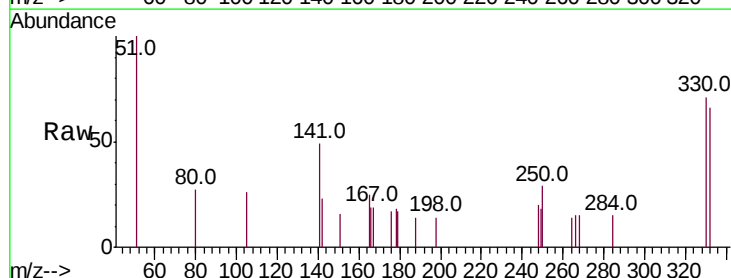
Tgt Ion:330 Resp: 451

Ion Ratio Lower Upper

330 100

332 88.9 74.1 111.1

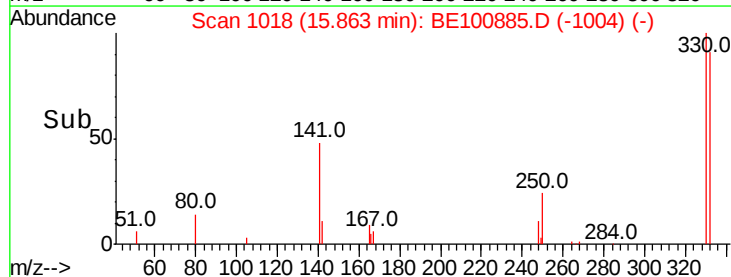
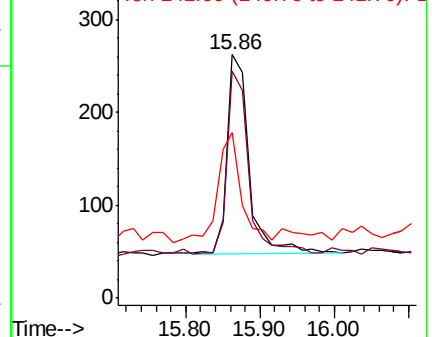
141 58.8 46.7 70.1

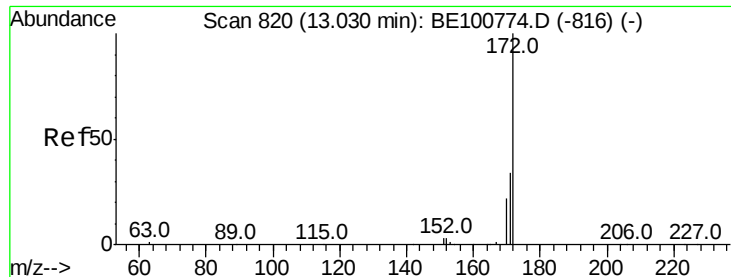


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

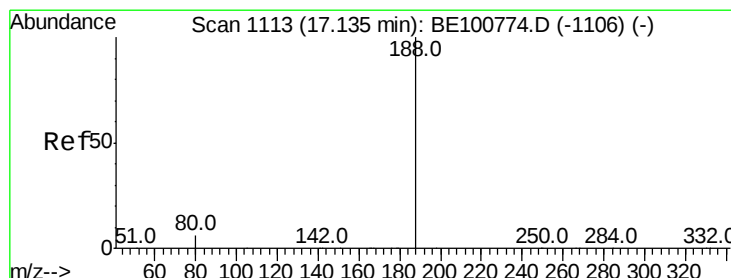
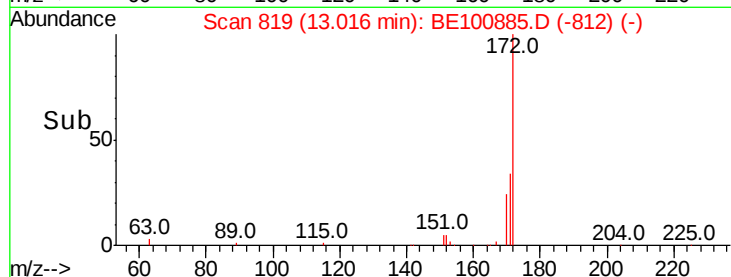
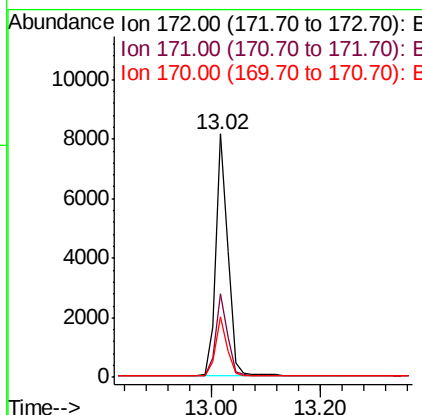
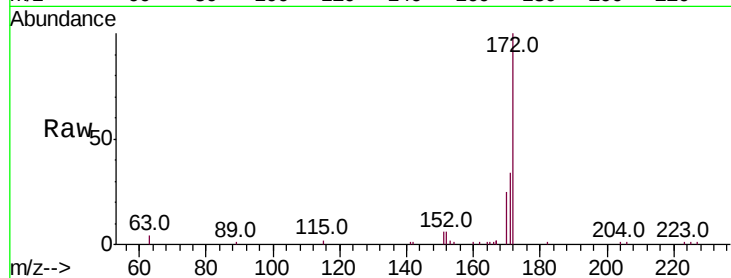




#15
2-Fluorobiphenyl
Concen: 0.250 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100885.D
Acq: 13 Dec 2019 14:00

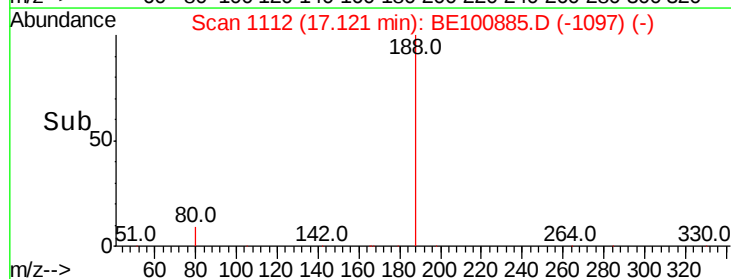
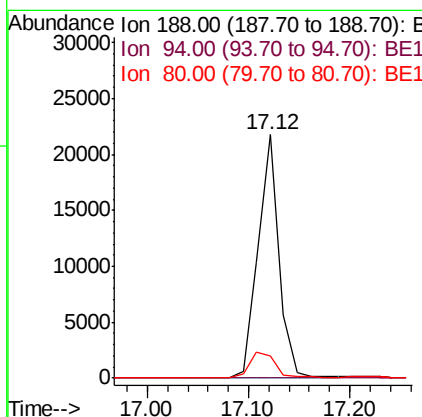
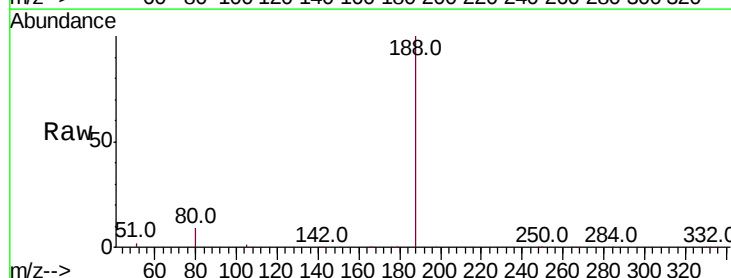
Instrument :
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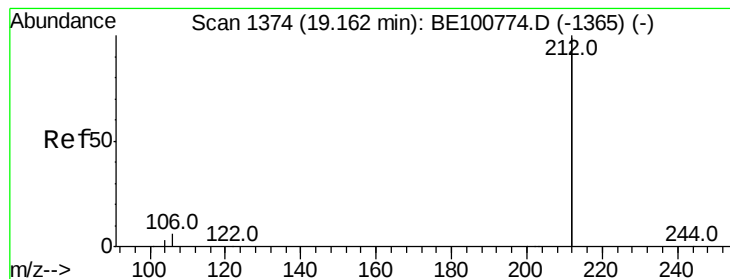
Tot Ion:172 Resp: 12808
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.4
170 25.0 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE100885.D
Acq: 13 Dec 2019 14:00

Tgt Ion:188 Resp: 31210
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 7.9 11.9





#25

Fluoranthene-d10

Concen: 0.195 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205DL

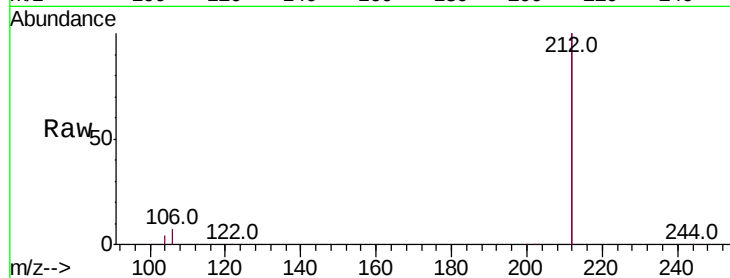
Tot Ion:212 Resp: 72014

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

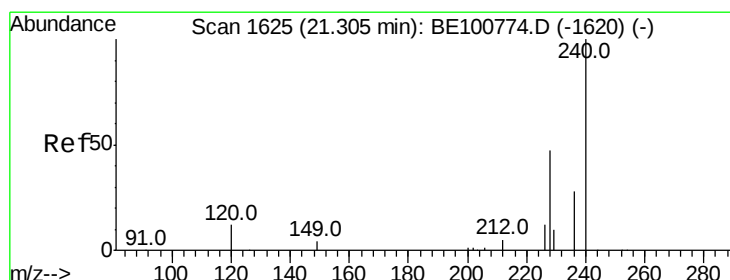
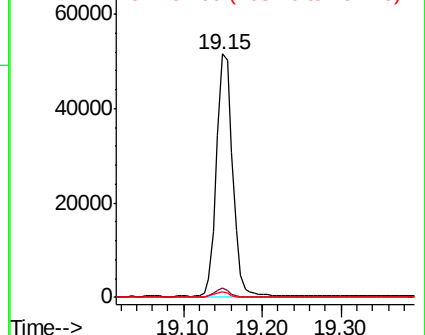
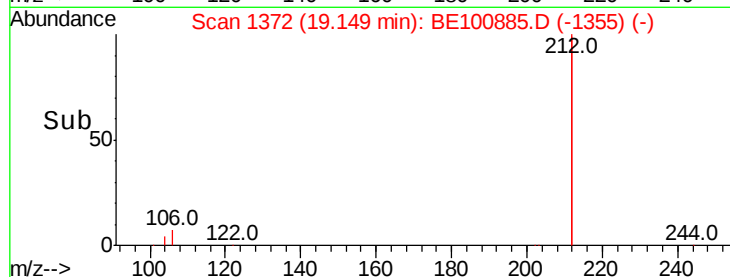
104 1.9 1.4 2.2



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: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

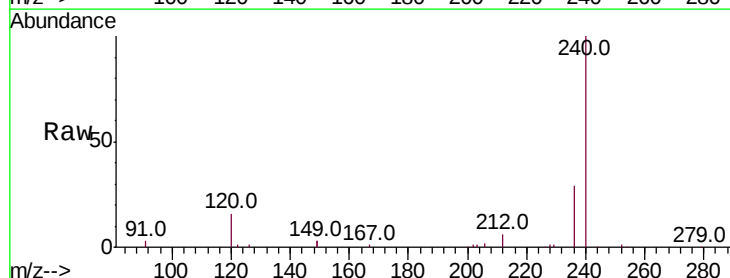
Tgt Ion:240 Resp: 25313

Ion Ratio Lower Upper

240 100

120 15.5 4.0 6.0#

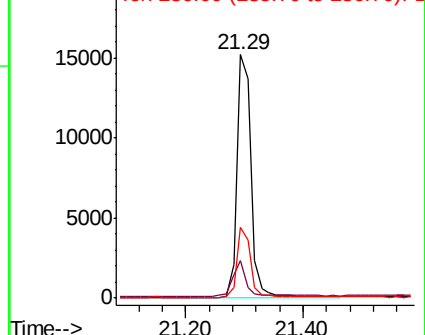
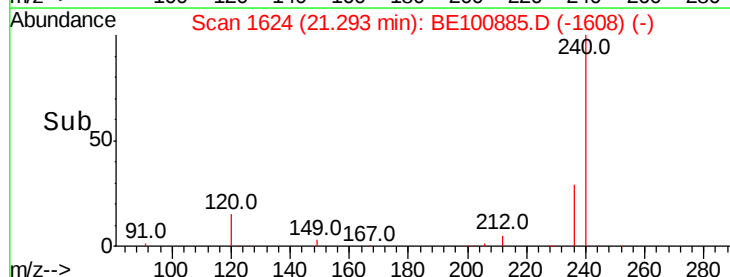
236 28.9 21.6 32.4

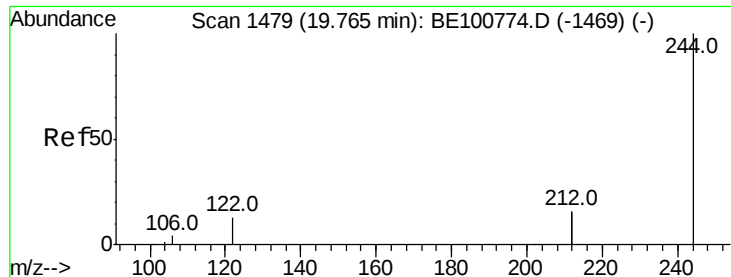


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.249 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205DL

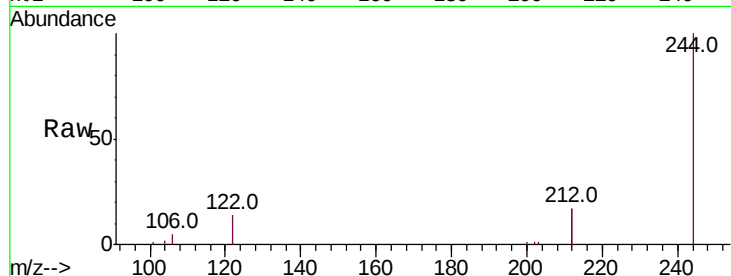
Tot Ion:244 Resp: 15102

Ion Ratio Lower Upper

244 100

212 33.9 25.2 37.8

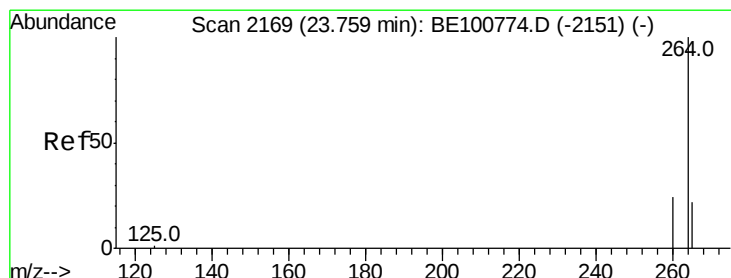
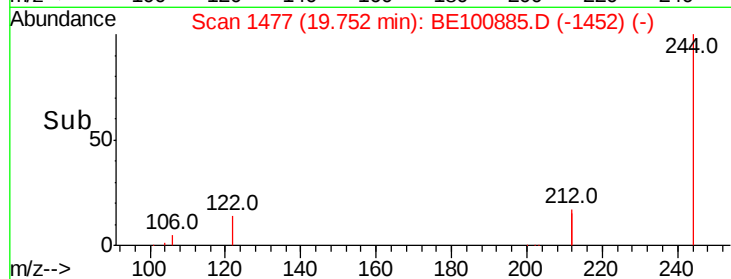
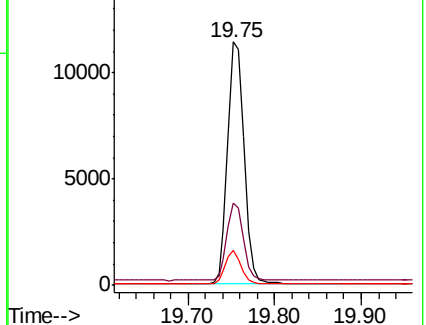
122 14.4 8.9 13.3#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BE100885.D

Acq: 13 Dec 2019 14:00

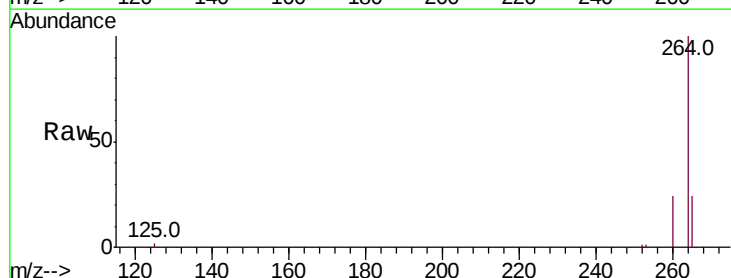
Tgt Ion:264 Resp: 28152

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 24.2 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

