

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100886.D
 Acq On : 13 Dec 2019 14:36
 Operator : JU
 Sample : K6185-18DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20191205DL

Quant Time: Dec 13 15:37:29 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

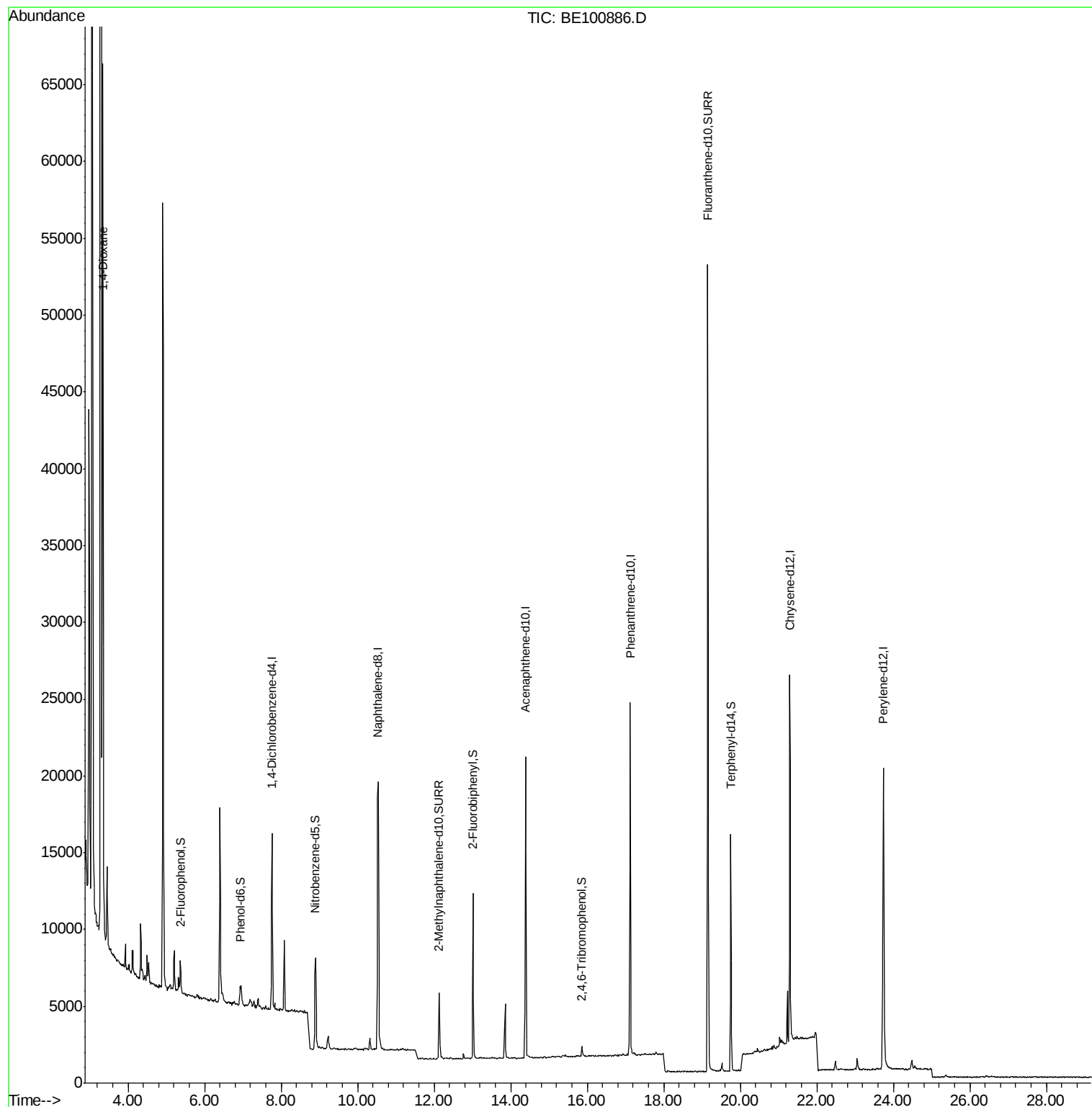
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4954	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	21830	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	12042	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30320	0.40	ng	0.00
27) Chrysene-d12	21.29	240	25906	0.40	ng	-0.01
34) Perylene-d12	23.74	264	29920	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1086	0.09	ng	0.00
5) Phenol-d6	6.93	99	985	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	2744	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	6691	0.21	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	378	0.28	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	9347	0.20	ng	0.00
25) Fluoranthene-d10	19.15	212	68791	0.19	ng	0.00
29) Terphenyl-d14	19.75	244	13095	0.21	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	35276	3.906	ng	Qvalue 90

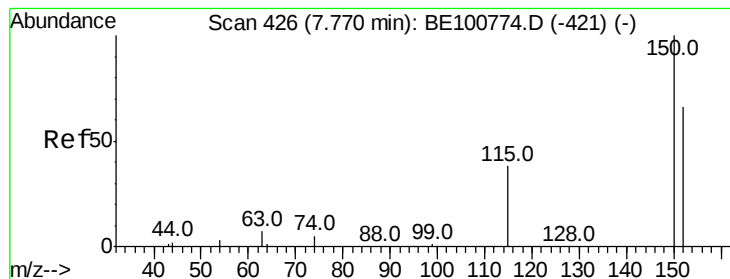
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

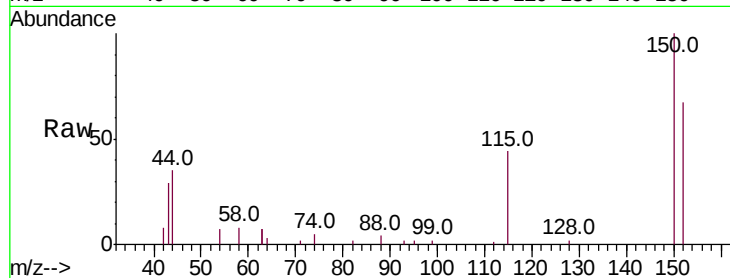
Tot Ion:152 Resp: 4954

Ion Ratio Lower Upper

152 100

150 149.1 125.5 188.3

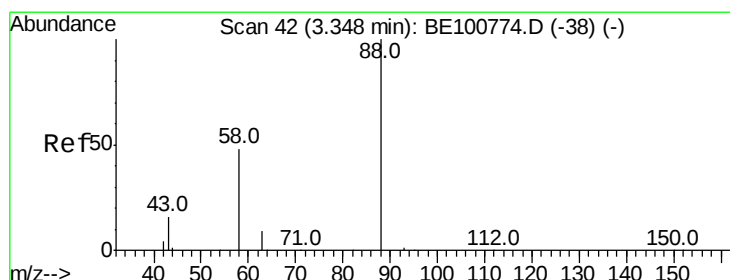
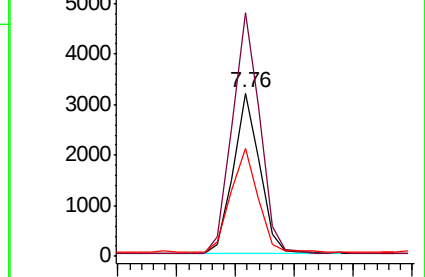
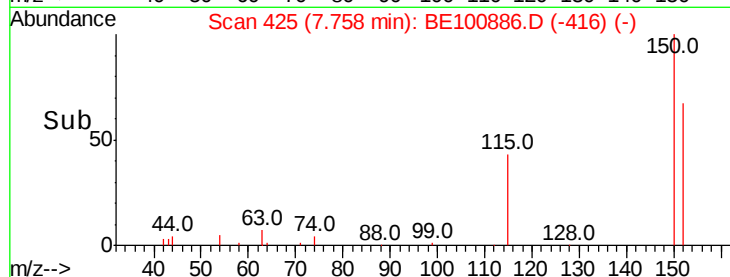
115 65.9 55.7 83.5



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: 3.906 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

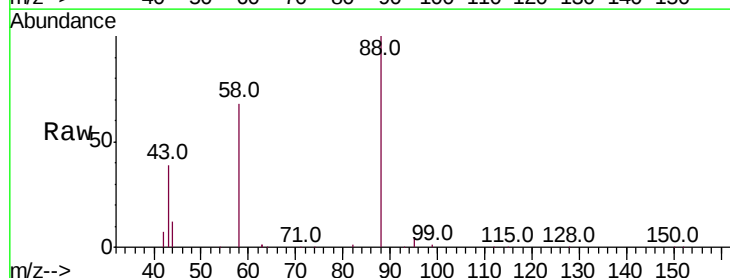
Tgt Ion: 88 Resp: 35276

Ion Ratio Lower Upper

88 100

58 74.2 52.3 78.5

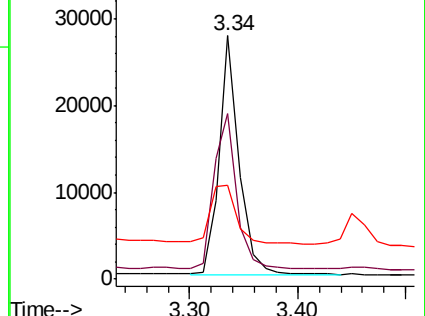
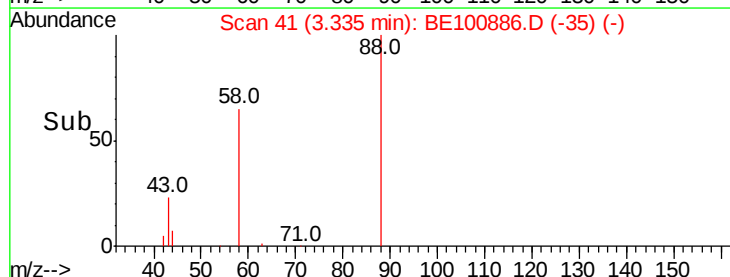
43 33.2 23.5 35.3

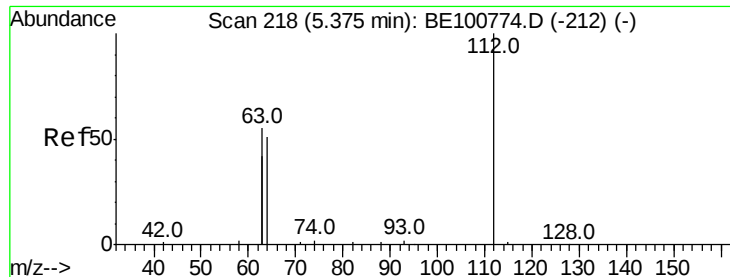


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.092 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

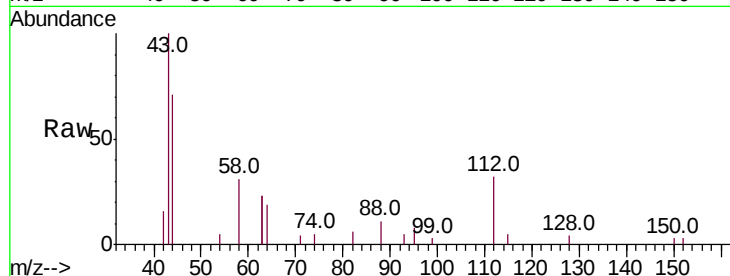
Tot Ion:112 Resp: 1086

Ion Ratio Lower Upper

112 100

64 65.9 54.5 81.7

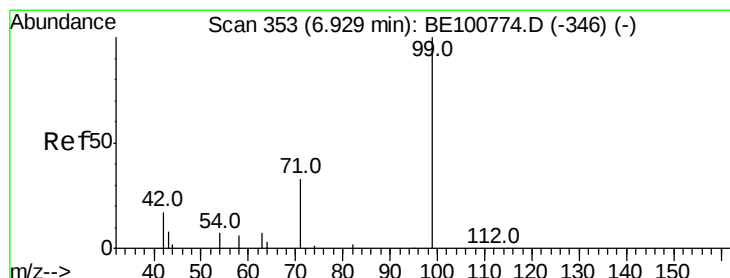
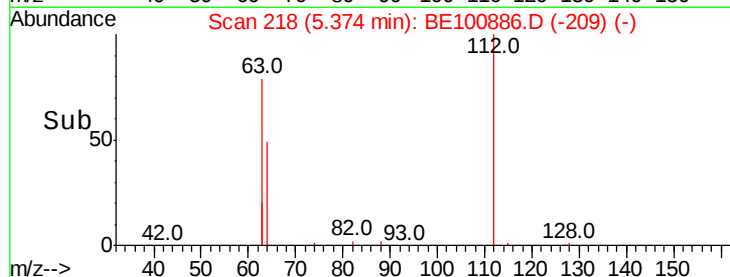
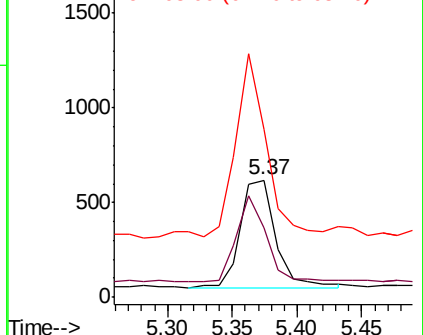
63 149.4 116.1 174.1



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: 0.056 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

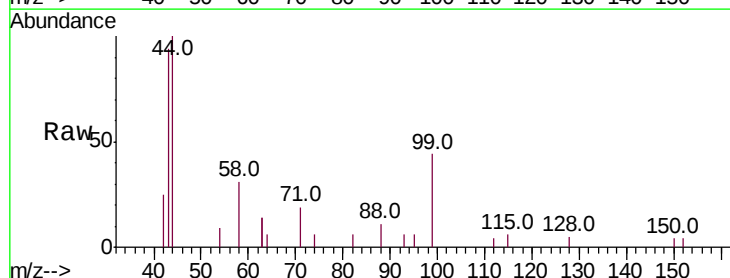
Tgt Ion: 99 Resp: 985

Ion Ratio Lower Upper

99 100

42 49.2 18.2 27.2#

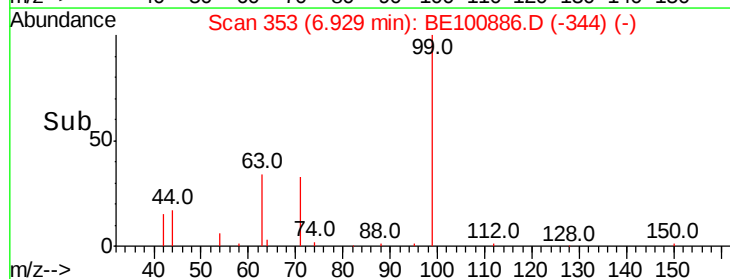
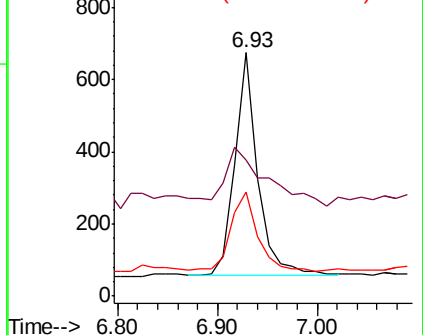
71 42.3 29.1 43.7

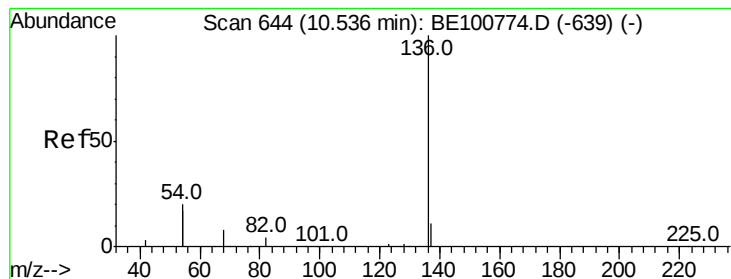


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

Tot Ion:136 Resp: 21830

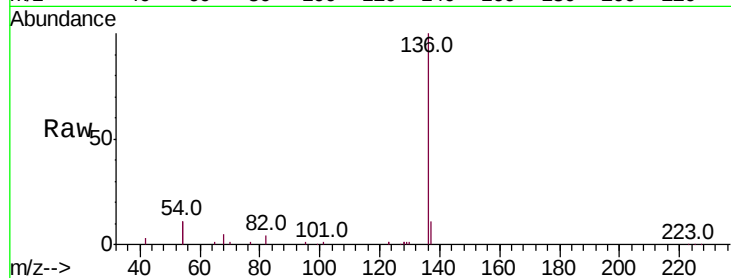
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 22.2 18.9 28.3

68 5.1 4.6 6.8

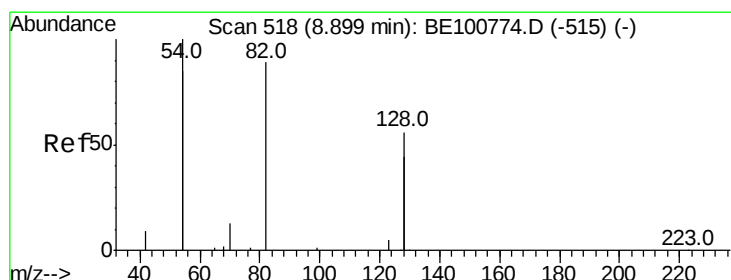
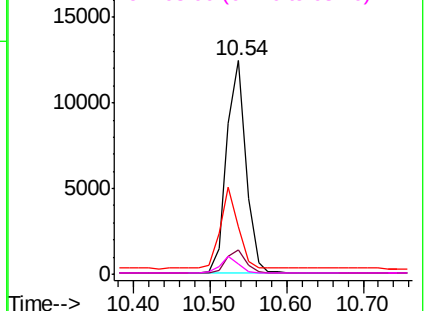
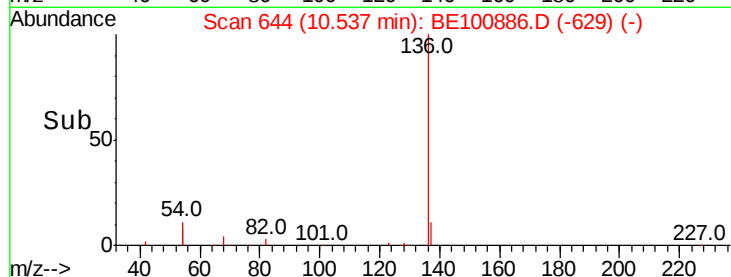


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.264 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

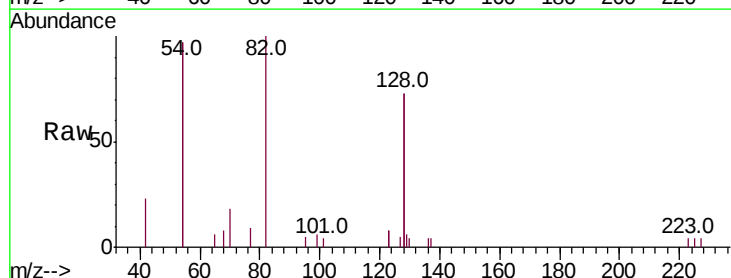
Tgt Ion: 82 Resp: 2744

Ion Ratio Lower Upper

82 100

128 145.3 113.5 170.3

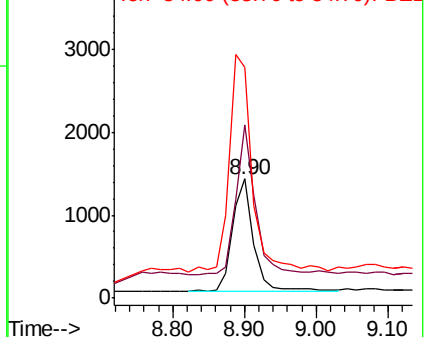
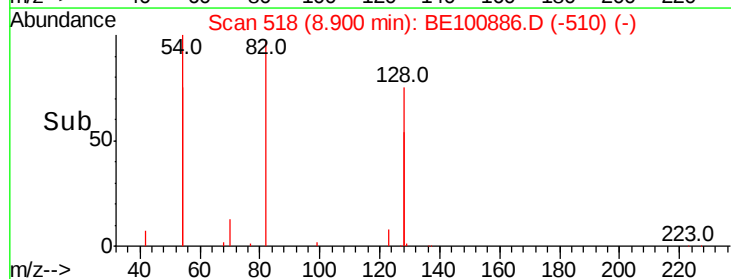
54 193.7 138.9 208.3

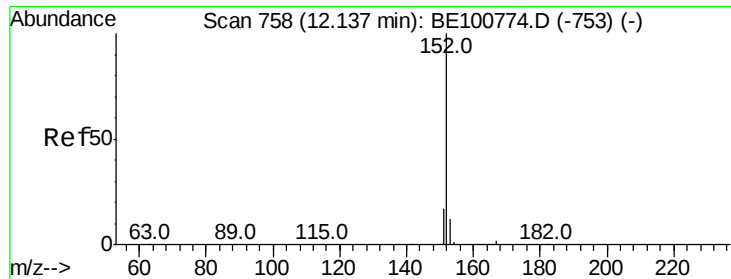


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

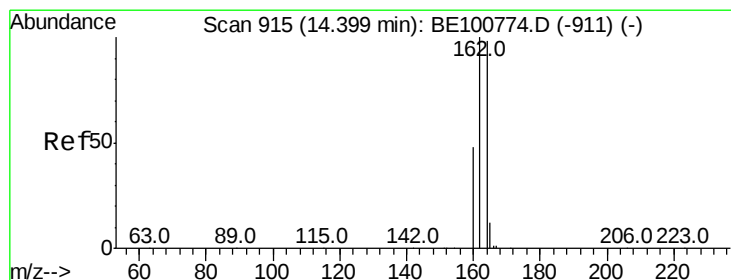
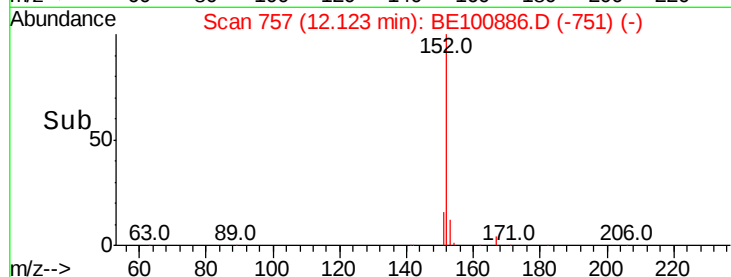
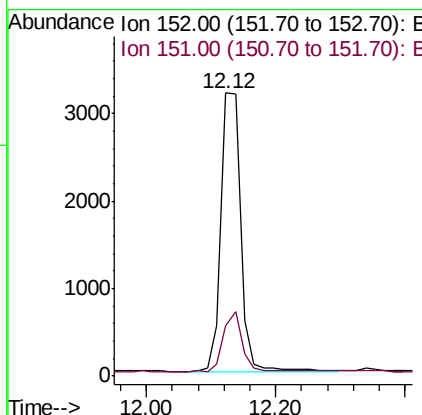
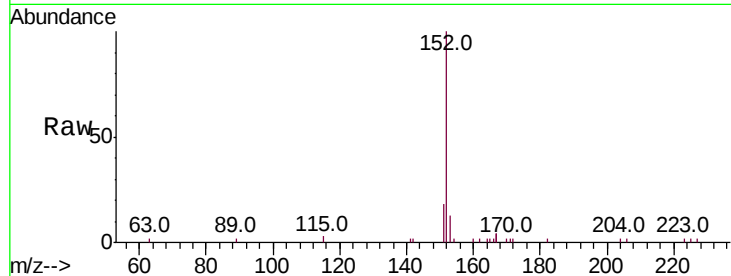




#11
 2-Methylnaphthalene-d10
 Concen: 0.212 ng
 RT: 12.12 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BE100886.D
 Acq: 13 Dec 2019 14:36

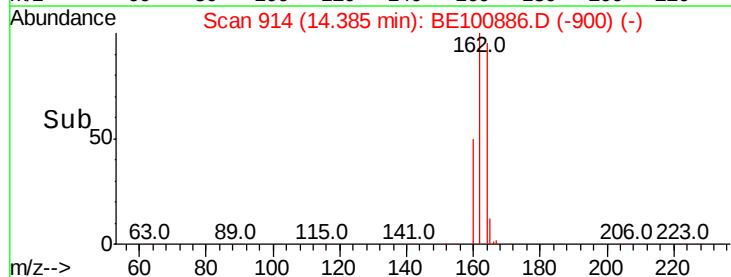
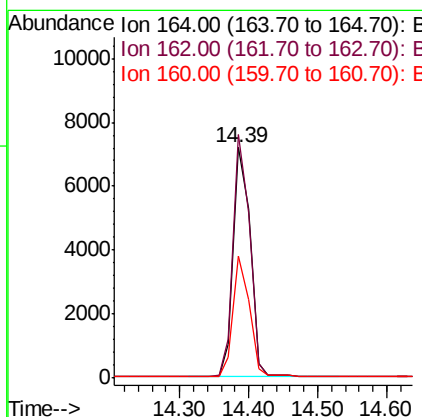
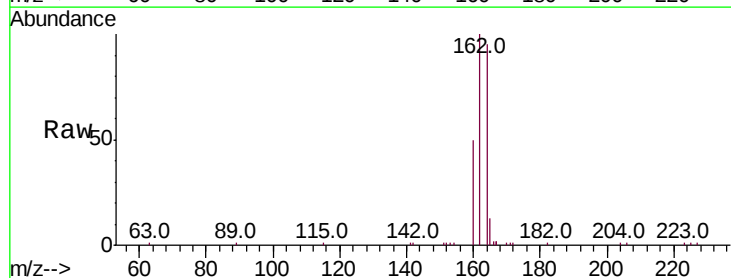
Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20191205DL

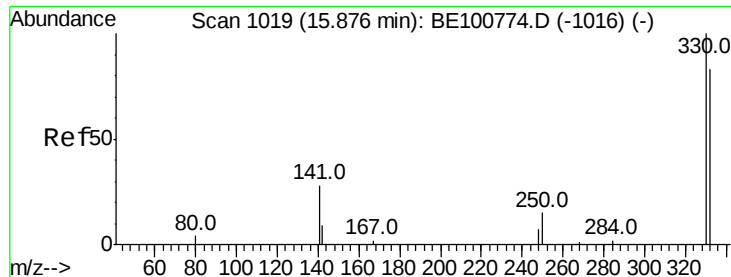
Tot Ion:152 Resp: 6691
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.39 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BE100886.D
 Acq: 13 Dec 2019 14:36

Tgt Ion:164 Resp: 12042
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.0 129.0
 160 53.2 42.3 63.5





#14

2,4,6-Tribromophenol

Concen: 0.282 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

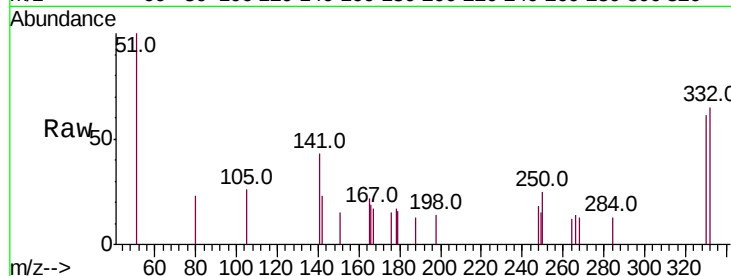
Tot Ion:330 Resp: 378

Ion Ratio Lower Upper

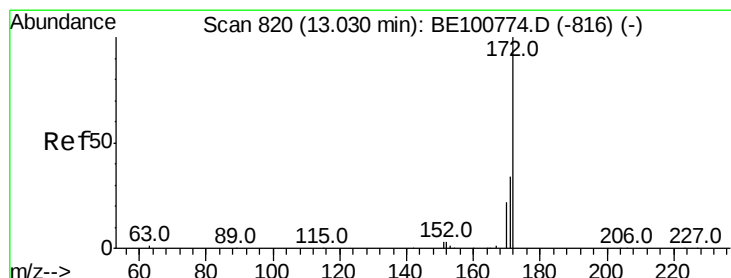
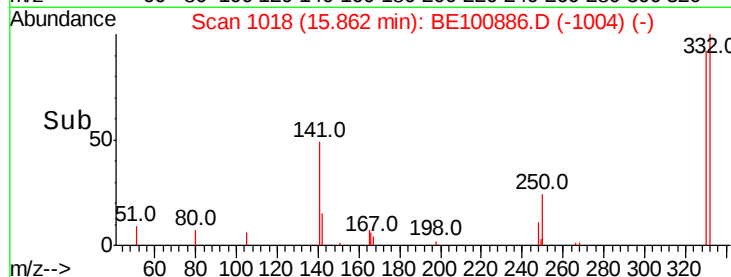
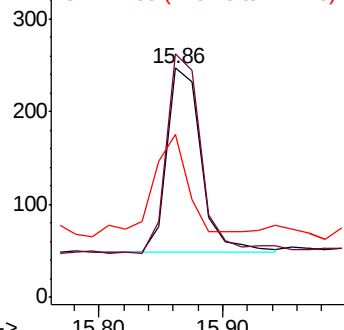
330 100

332 114.0 74.1 111.1#

141 63.5 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: 0.196 ng

RT: 13.02 min Scan# 819

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

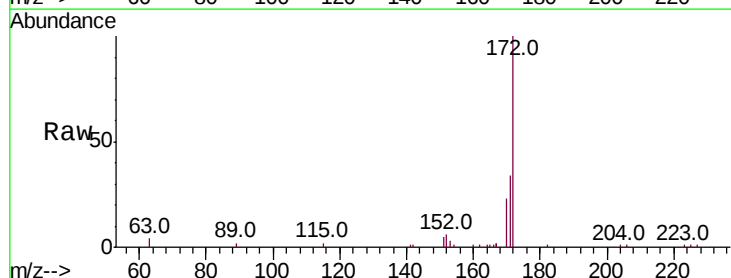
Tgt Ion:172 Resp: 9347

Ion Ratio Lower Upper

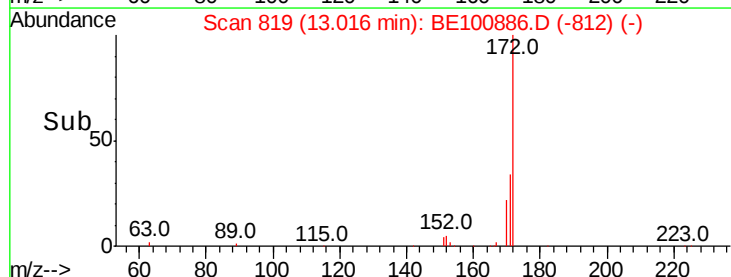
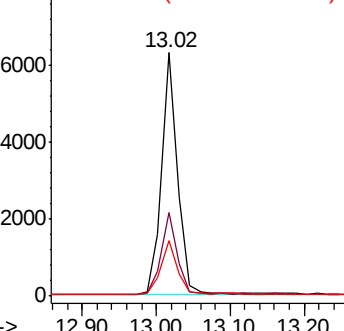
172 100

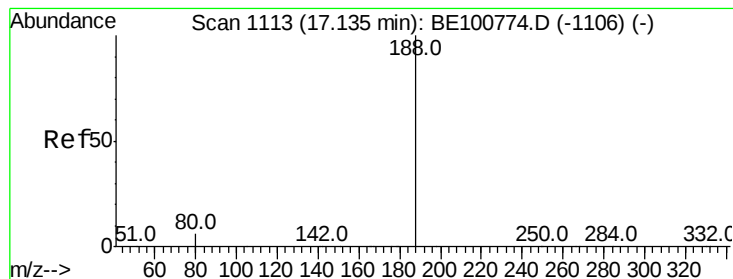
171 34.2 28.2 42.4

170 22.9 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: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

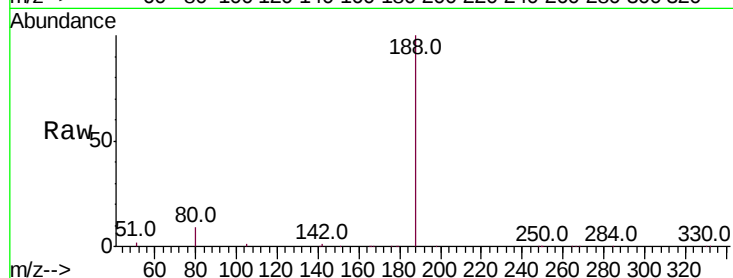
Tot Ion:188 Resp: 30320

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

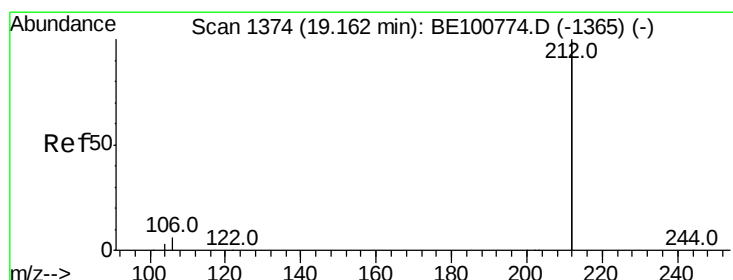
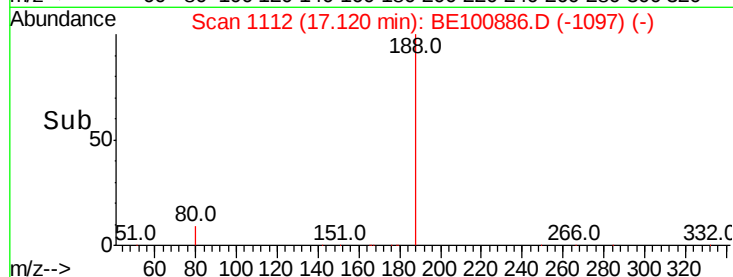
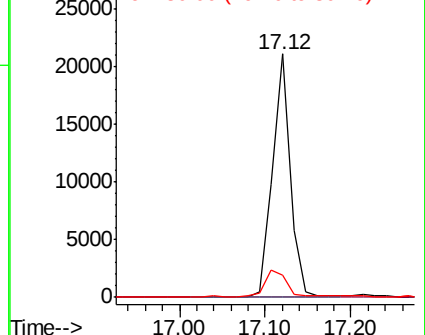
80 9.0 7.9 11.9



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: 0.192 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

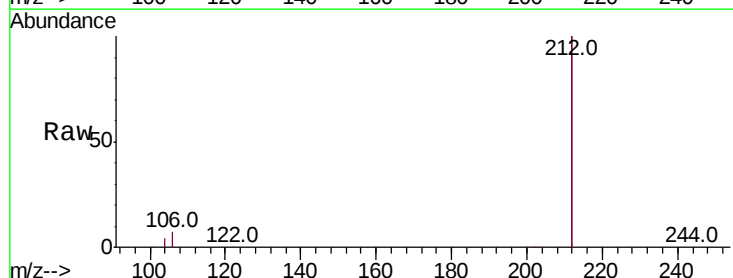
Tgt Ion:212 Resp: 68791

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

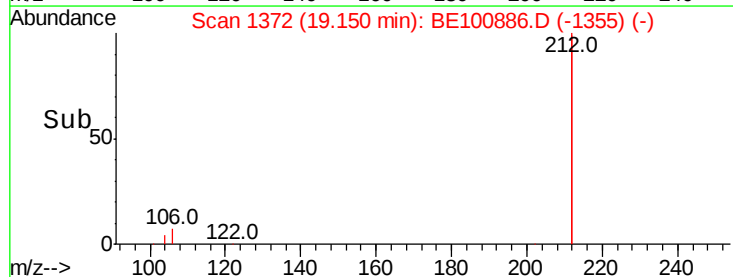
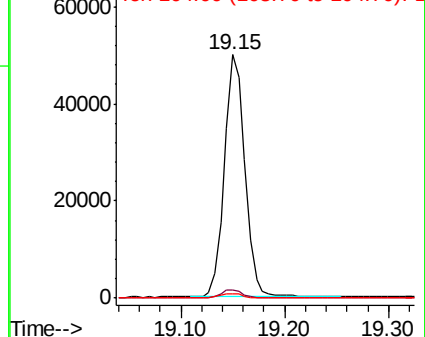
104 1.9 1.4 2.2

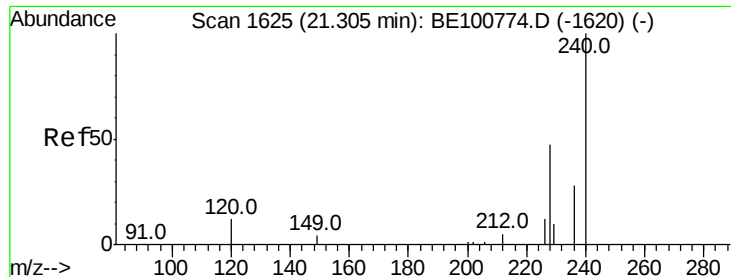


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE100886.D

Acq: 13 Dec 2019 14:36

Instrument :

BNA_E

ClientSampleId :

DUP03-20191205DL

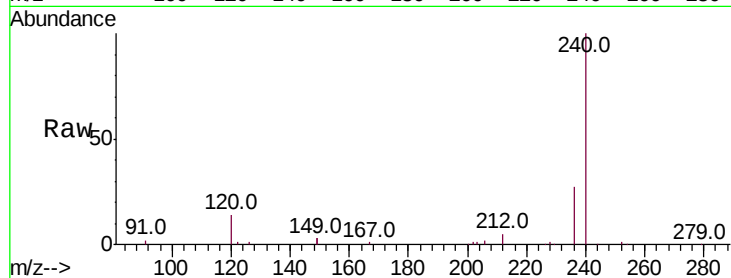
Tot Ion:240 Resp: 25906

Ion Ratio Lower Upper

240 100

120 13.8 4.0 6.0#

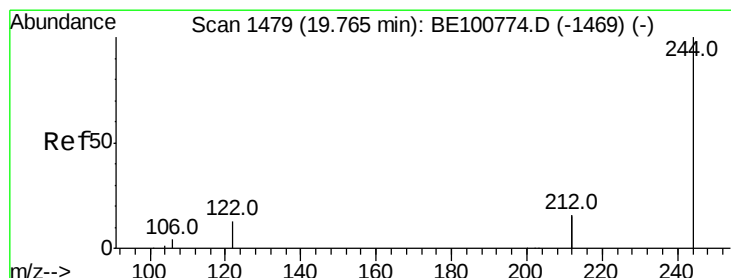
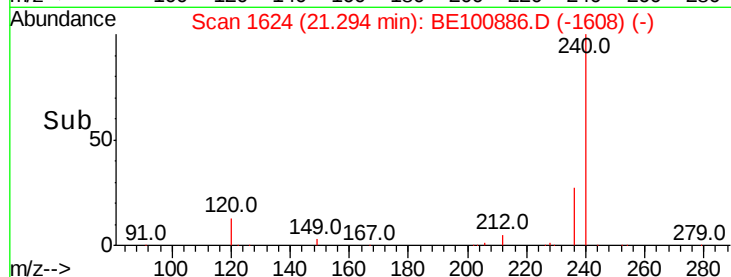
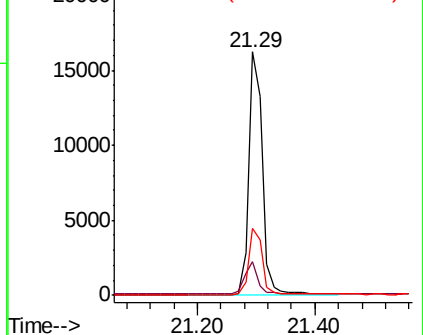
236 27.4 21.6 32.4



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: 0.211 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100886.D

Acq: 13 Dec 2019 14:36

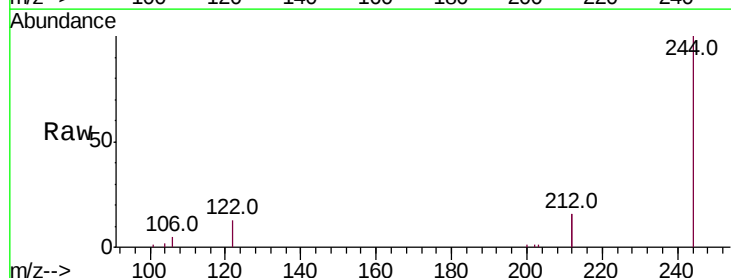
Tgt Ion:244 Resp: 13095

Ion Ratio Lower Upper

244 100

212 33.0 25.2 37.8

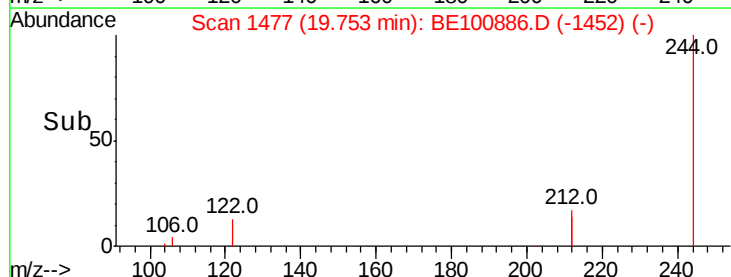
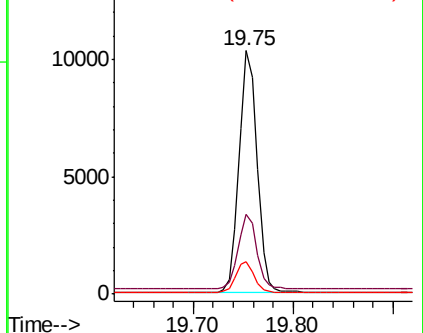
122 13.3 8.9 13.3#

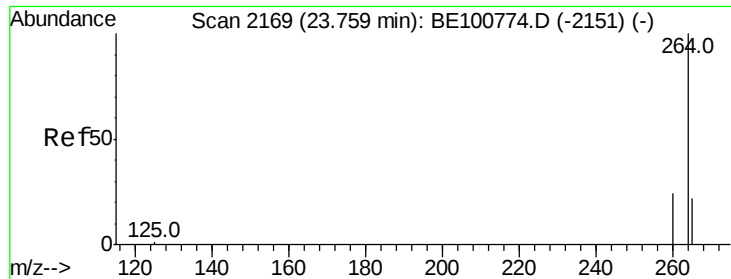


Abundance Ion 244.00 (243.70 to 244.70): E

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: BE100886.D
 Acq: 13 Dec 2019 14:36

Instrument :
 BNA_E
 ClientSampleId :
 DUP03-20191205DL

Tot Ion: 264 Resp: 29920
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.0
 265 24.4 20.1 30.1

