

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100862.D
 Acq On : 12 Dec 2019 2:05
 Operator : JU
 Sample : K6185-01DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20191204DL

Quant Time: Dec 12 05:42:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

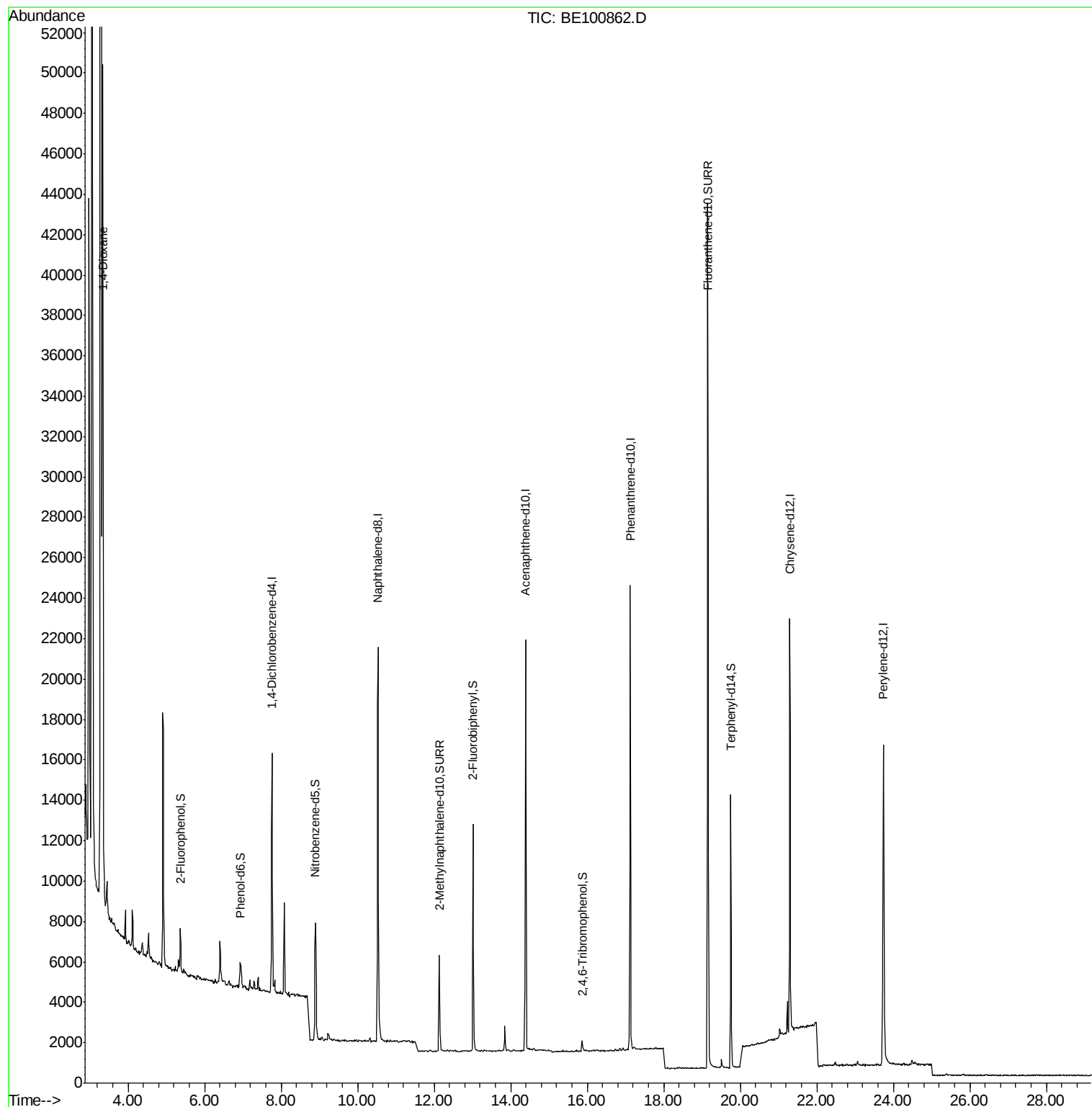
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4963	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23567	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	12899	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	29190	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	21429	0.40	ng	-0.01
34) Perylene-d12	23.74	264	24343	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1107	0.09	ng	-0.01
5) Phenol-d6	6.93	99	1085	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	2666	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	7082	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	352	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10275	0.20	ng	-0.01
25) Fluoranthene-d10	19.15	212	57865	0.17	ng	-0.01
29) Terphenyl-d14	19.75	244	10937	0.21	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.34	88	26444	2.922	ng	Qvalue # 89

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

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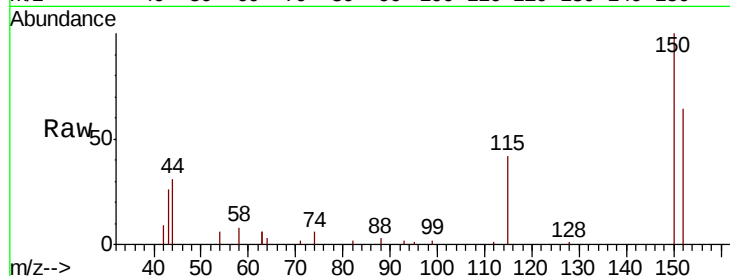


#1

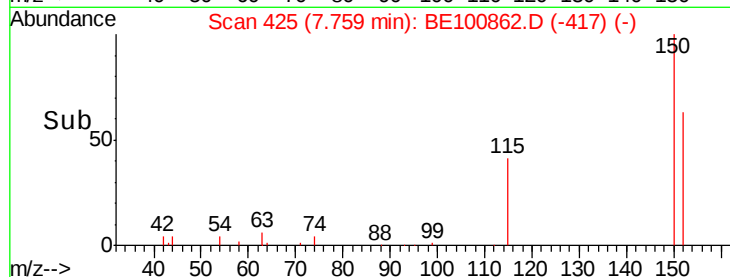
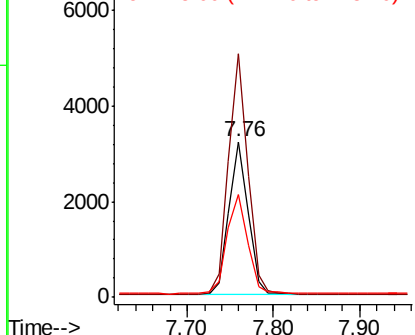
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100862.D
Acq: 12 Dec 2019 2:05

Instrument :
BNA_E
ClientSampleId :
RE103D1-20191204DL

Tot Ion:152 Resp: 4963
Ion Ratio Lower Upper
152 100
150 156.5 120.6 181.0
115 66.2 47.4 71.2



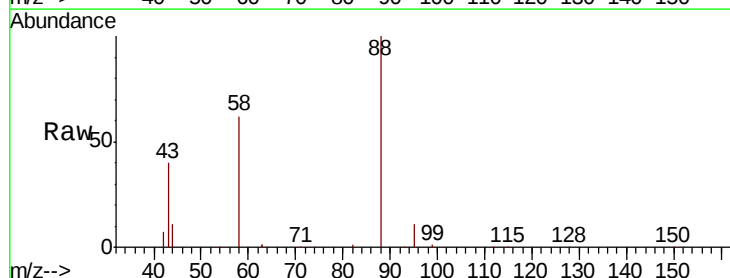
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



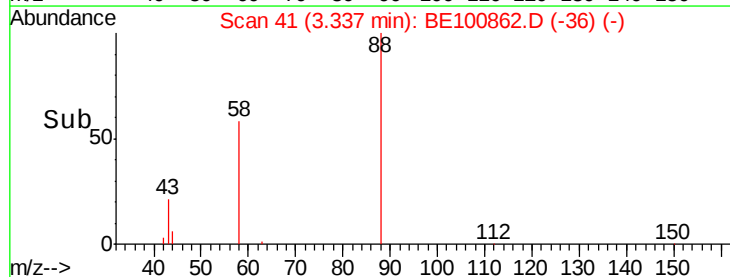
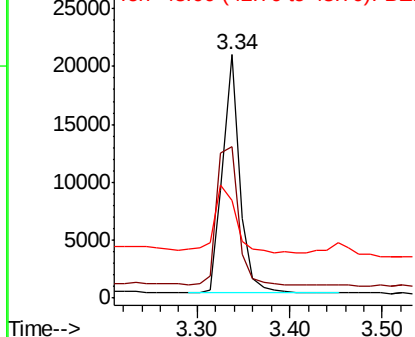
#2

1,4-Dioxane
Concen: 2.922 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100862.D
Acq: 12 Dec 2019 2:05

Tgt Ion: 88 Resp: 26444
Ion Ratio Lower Upper
88 100
58 74.2 52.5 78.7
43 35.4 23.0 34.6#



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: 0.094 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100862.D

Acq: 12 Dec 2019 2:05

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204DL

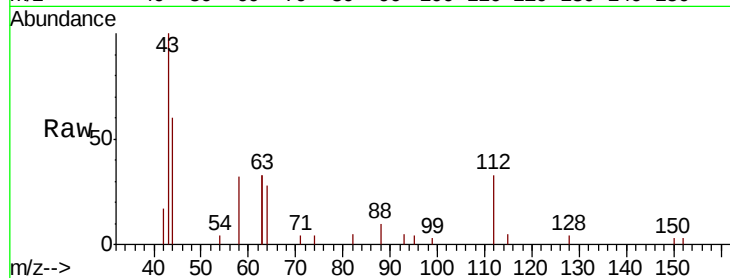
Tot Ion: 112 Resp: 1107

Ion Ratio Lower Upper

112 100

64 65.0 54.1 81.1

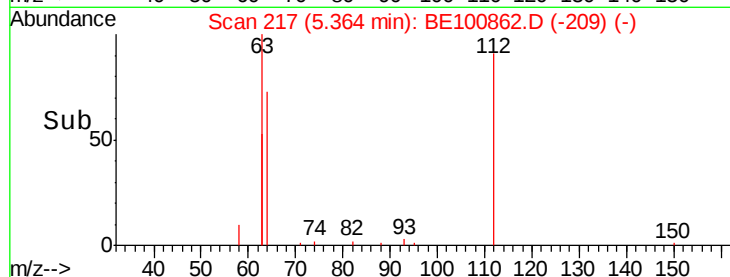
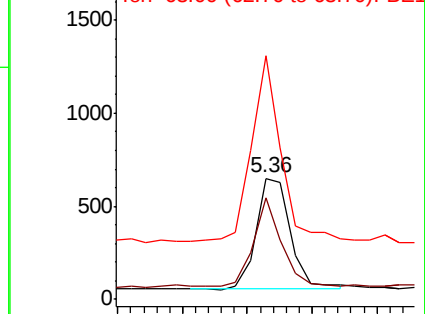
63 140.5 113.2 169.8



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: 0.061 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100862.D

Acq: 12 Dec 2019 2:05

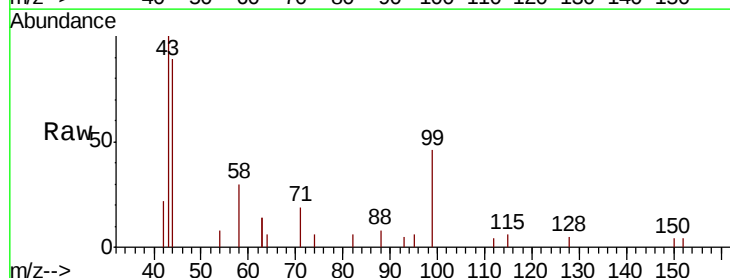
Tgt Ion: 99 Resp: 1085

Ion Ratio Lower Upper

99 100

42 35.4 19.1 28.7#

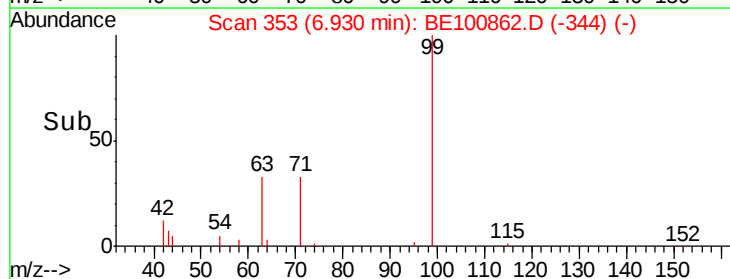
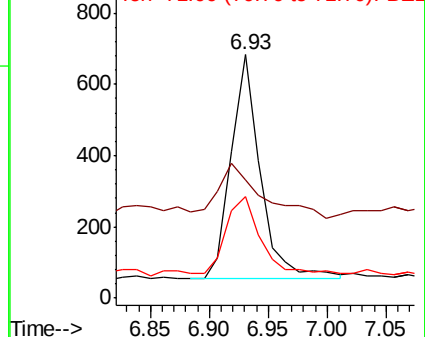
71 45.3 27.7 41.5#



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: BE100862.D

Acq: 12 Dec 2019 2:05

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204DL

Tot Ion:136 Resp: 23567

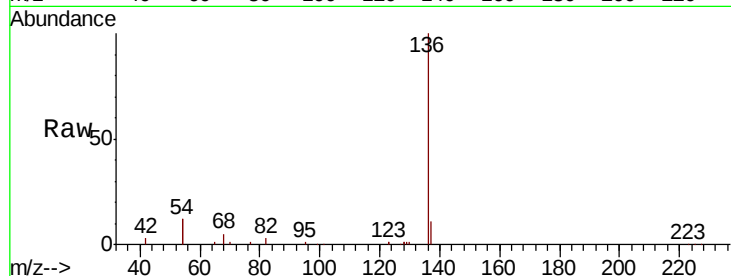
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 23.1 31.1 46.7#

68 5.4 6.6 10.0#

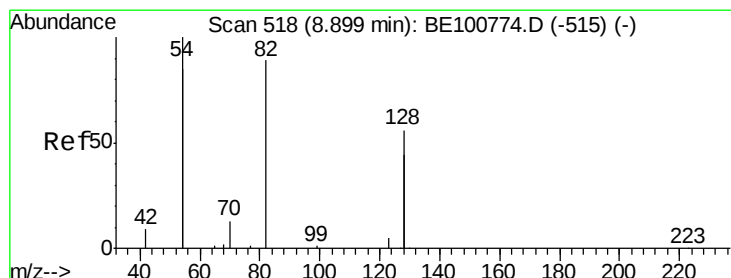
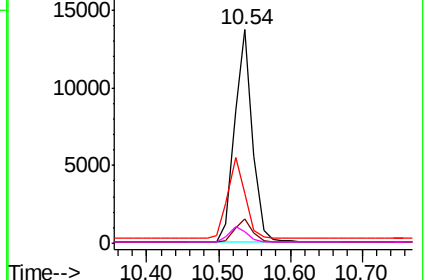
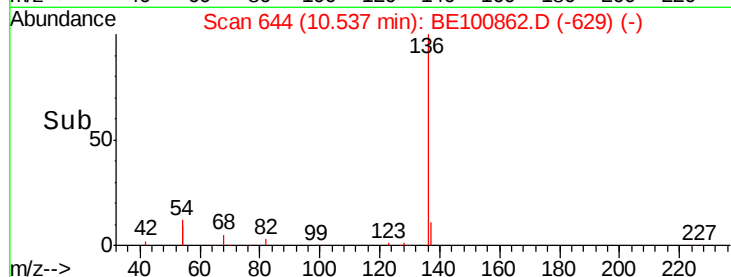


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.238 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100862.D

Acq: 12 Dec 2019 2:05

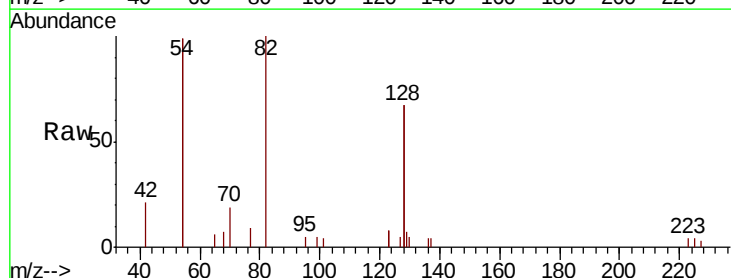
Tgt Ion: 82 Resp: 2666

Ion Ratio Lower Upper

82 100

128 134.8 97.0 145.4

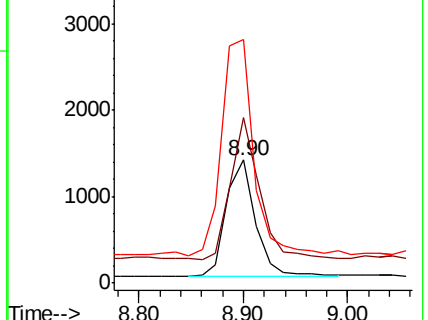
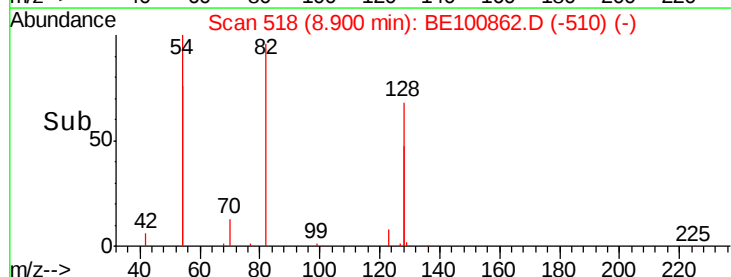
54 197.8 171.8 257.6

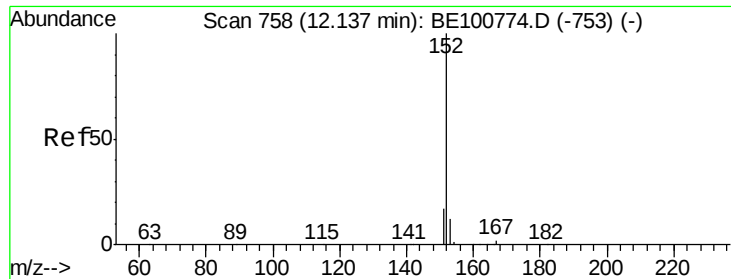


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

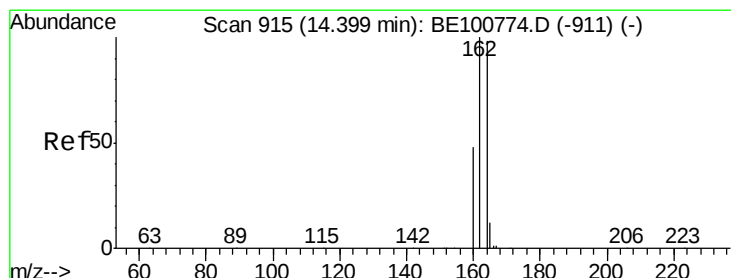
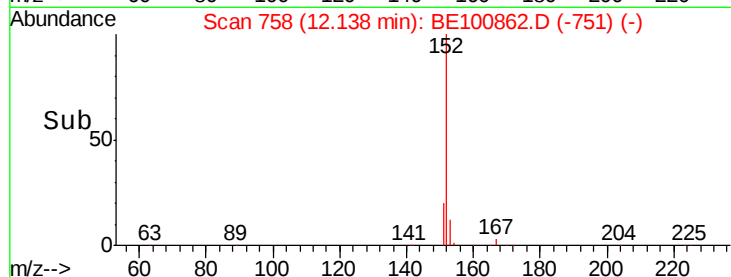
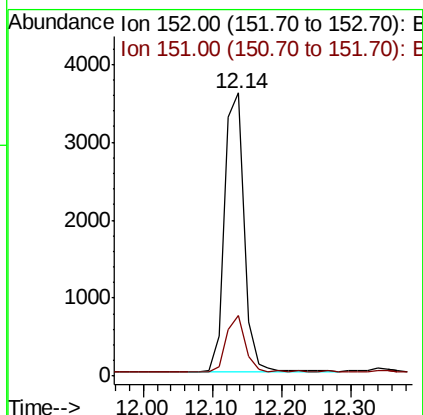
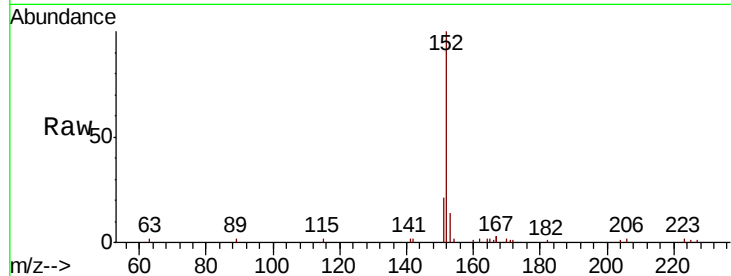




#11
 2-Methylnaphthalene-d10
 Concen: 0.207 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100862.D
 Acq: 12 Dec 2019 2:05

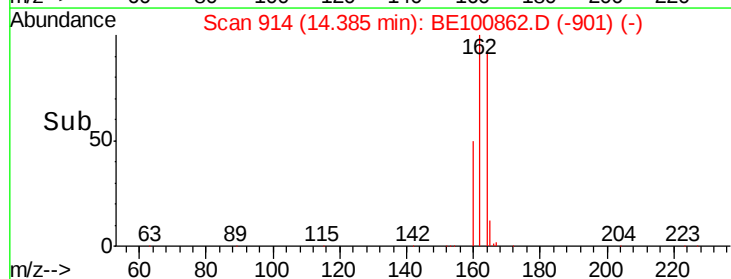
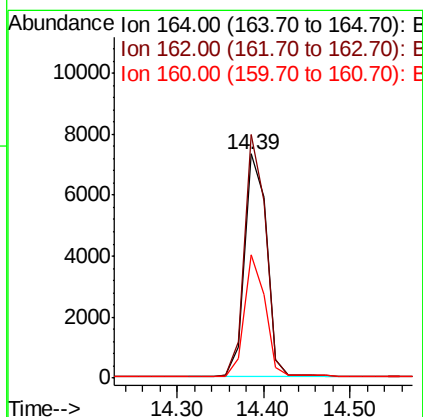
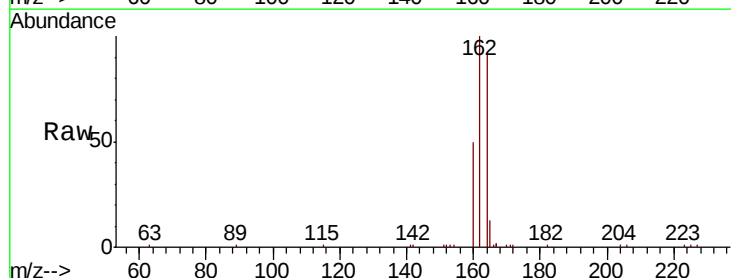
Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20191204DL

Tot Ion:152 Resp: 7082
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.39 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BE100862.D
 Acq: 12 Dec 2019 2:05

Tgt Ion:164 Resp: 12899
 Ion Ratio Lower Upper
 164 100
 162 108.6 81.4 122.0
 160 54.7 39.4 59.0

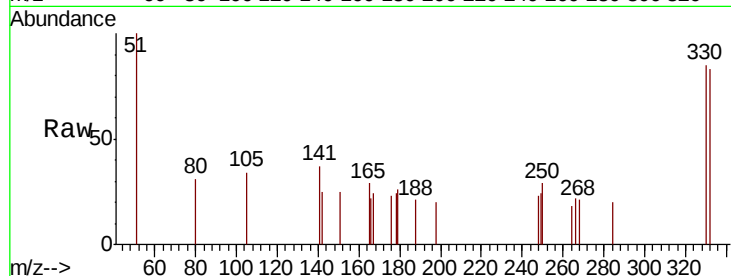




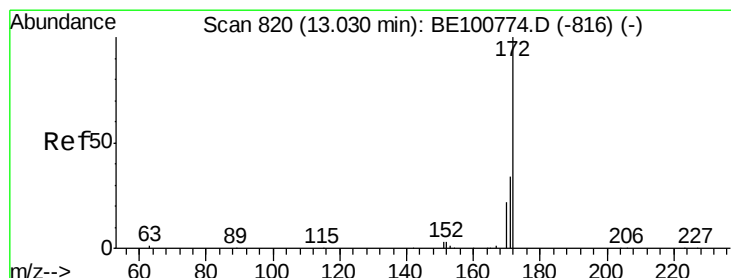
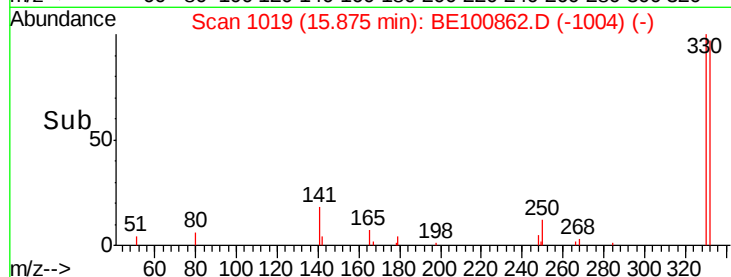
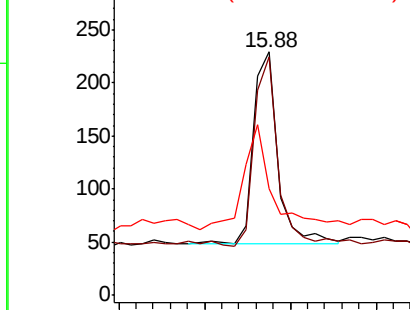
#14
 2,4,6-Tribromophenol
 Concen: 0.245 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100862.D
 Acq: 12 Dec 2019 2:05

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20191204DL

Tot Ion:330 Resp: 352
 Ion Ratio Lower Upper
 330 100
 332 100.9 69.4 104.2
 141 66.8 51.1 76.7

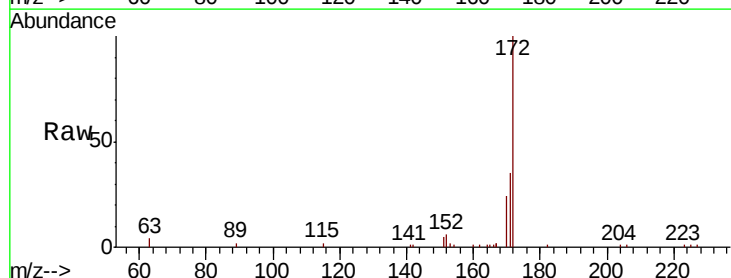


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

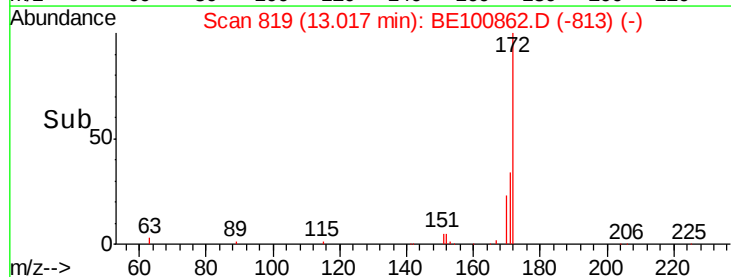
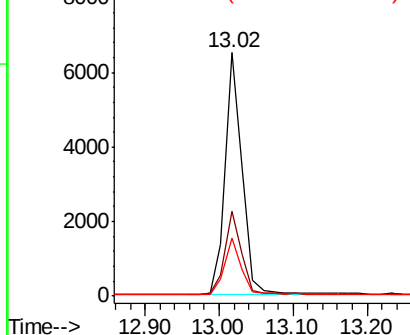


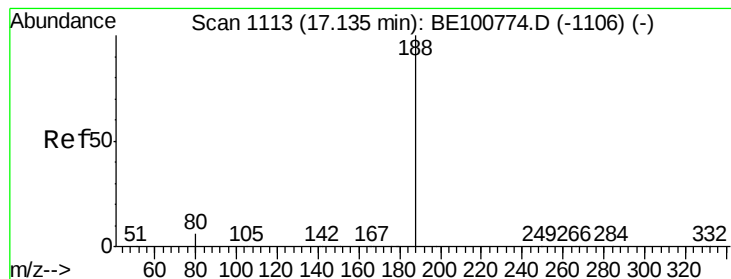
#15
 2-Fluorobiphenyl
 Concen: 0.201 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100862.D
 Acq: 12 Dec 2019 2:05

Tgt Ion:172 Resp: 10275
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.2 40.8
 170 23.8 18.0 27.0



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. -0.01 min

Lab File: BE100862.D

Acq: 12 Dec 2019 2:05

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204DL

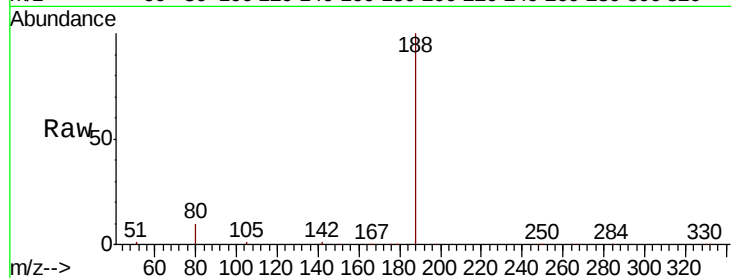
Tot Ion:188 Resp: 29190

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

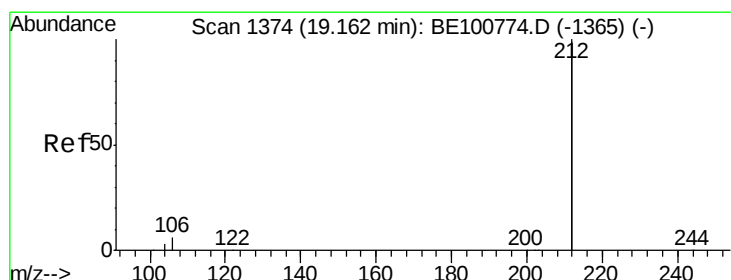
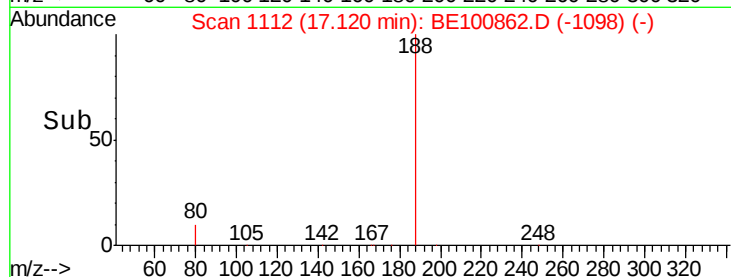
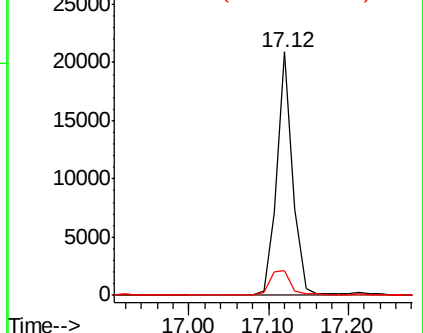
80 10.1 5.2 7.8#



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: 0.168 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE100862.D

Acq: 12 Dec 2019 2:05

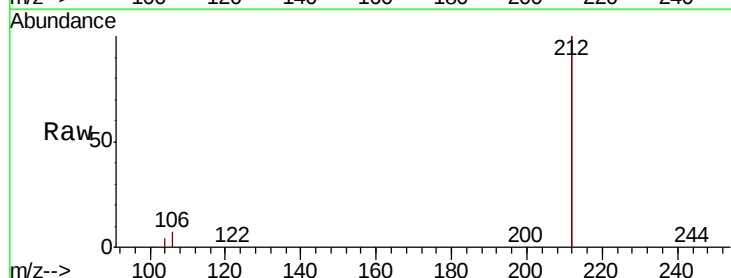
Tgt Ion:212 Resp: 57865

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

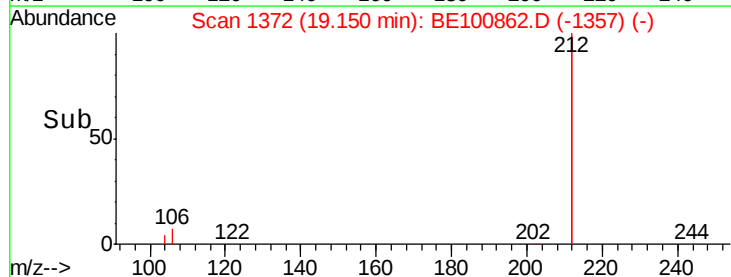
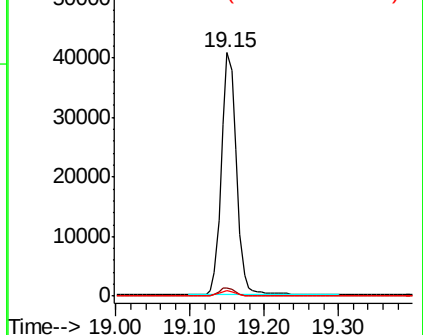
104 1.9 1.4 2.2



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: BE100862.D

Acq: 12 Dec 2019 2:05

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204DL

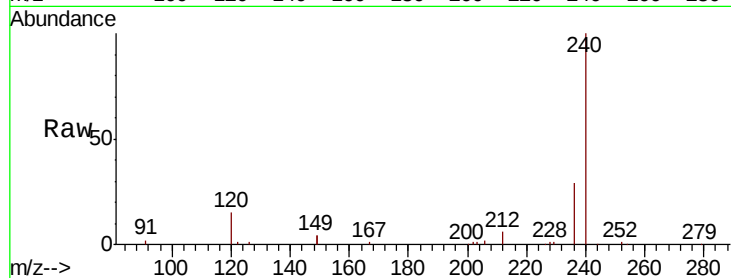
Tot Ion:240 Resp: 21429

Ion Ratio Lower Upper

240 100

120 15.0 10.2 15.2

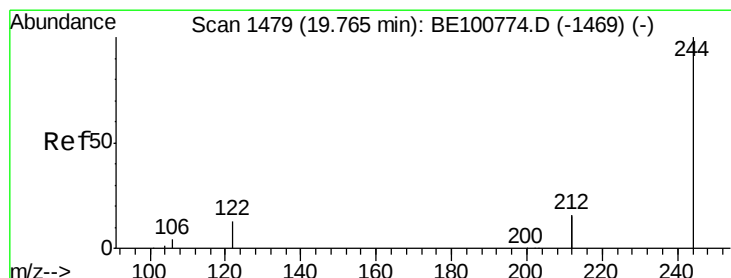
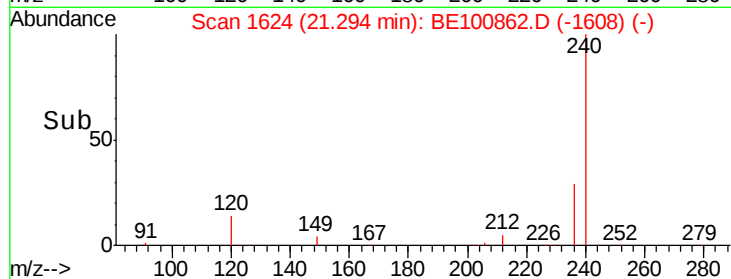
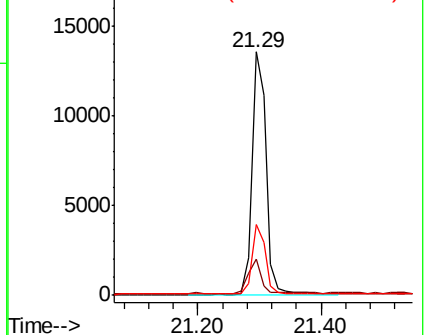
236 29.1 22.3 33.5



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: 0.213 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100862.D

Acq: 12 Dec 2019 2:05

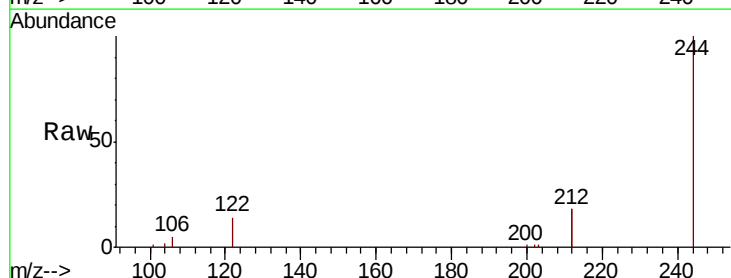
Tgt Ion:244 Resp: 10937

Ion Ratio Lower Upper

244 100

212 35.4 26.2 39.4

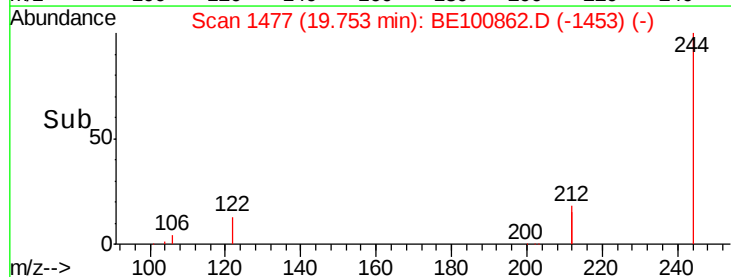
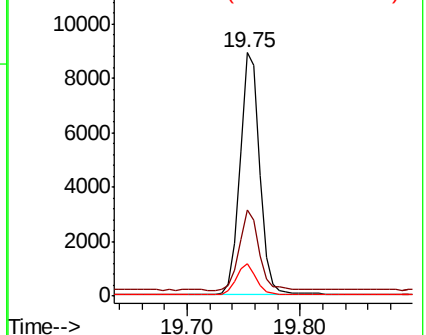
122 13.5 10.2 15.4

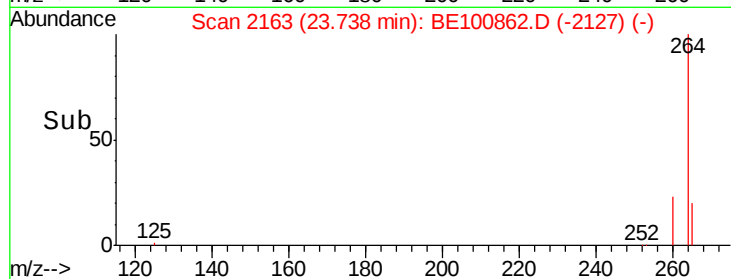
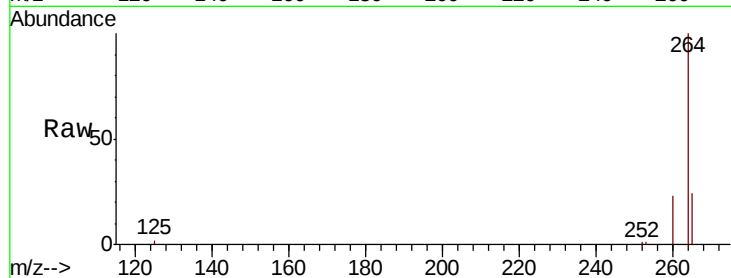
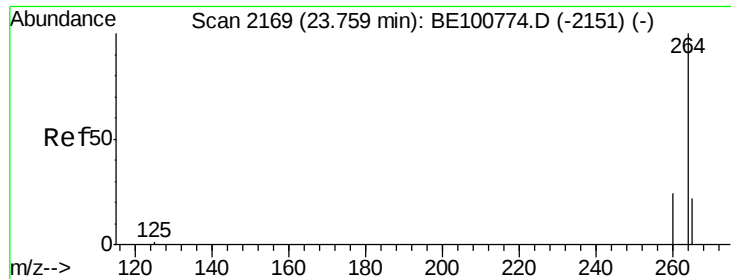


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2163

Delta R.T. -0.02 min

Lab File: BE100862.D

Acq: 12 Dec 2019 2:05

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204DL

Tot Ion: 264 Resp: 24343

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 23.8 21.8 32.8

