

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100818.D
 Acq On : 10 Dec 2019 19:33
 Operator : JU
 Sample : K6184-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE126D3-20191203

Quant Time: Dec 11 05:41:20 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

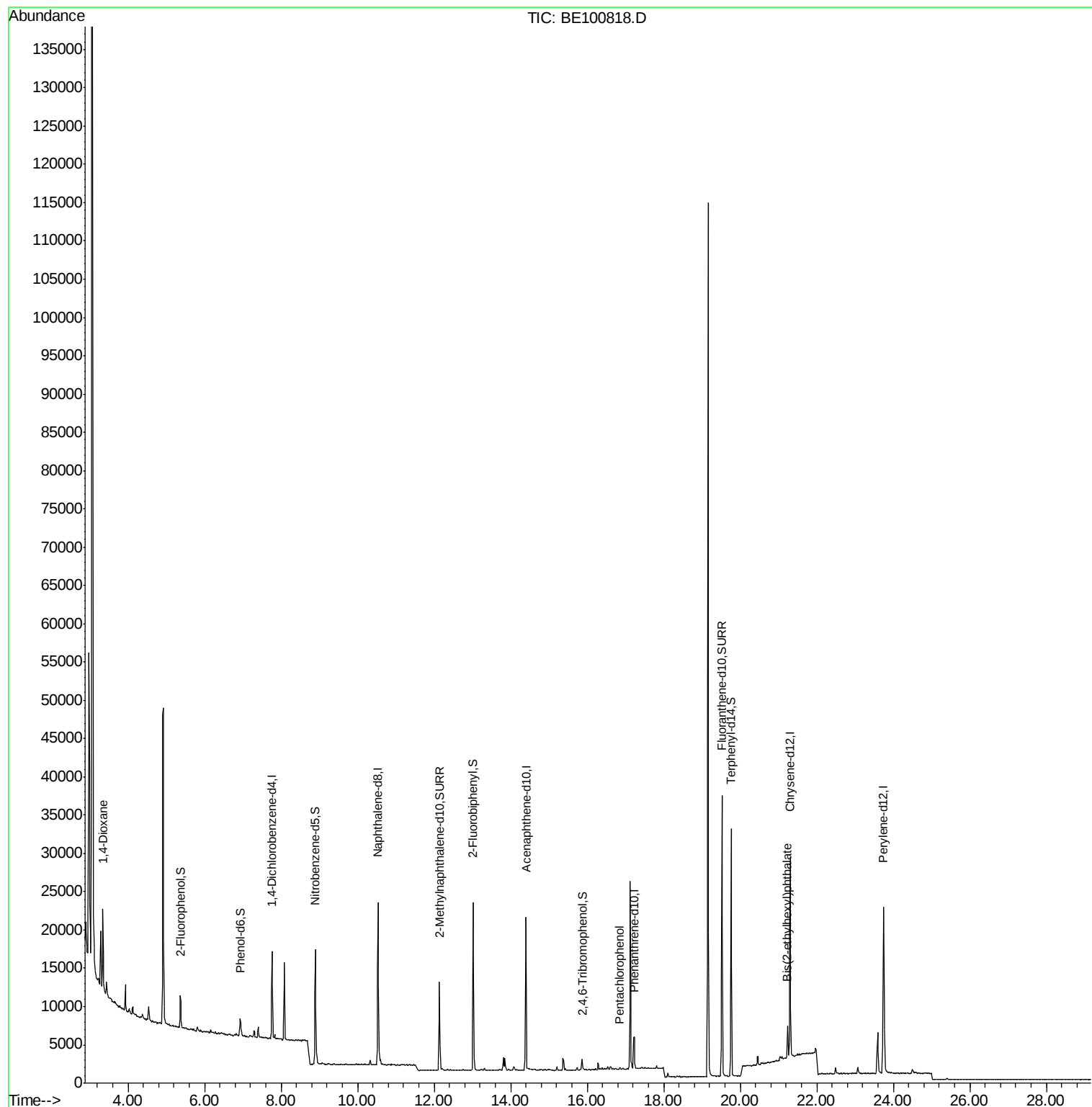
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5016	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23116	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12927	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7079	0.40	ng	0.09
27) Chrysene-d12	21.31	240	25689	0.40	ng	0.00
34) Perylene-d12	23.74	264	30823	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2278	0.19	ng	0.00
5) Phenol-d6	6.93	99	2091	0.12	ng	0.00
8) Nitrobenzene-d5	8.90	82	6188	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14754	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	965	0.67	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	21220	0.41	ng	-0.01
25) Fluoranthene-d10	19.52	212	47112	0.56	ng	0.35
29) Terphenyl-d14	19.76	244	26784	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	6359	0.695	ng	# 71
22) Pentachlorophenol	16.84	266	10	0.038	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.23	149	6503	0.070	ng	# 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. -0.01 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

Instrument :

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ClientSampleId :

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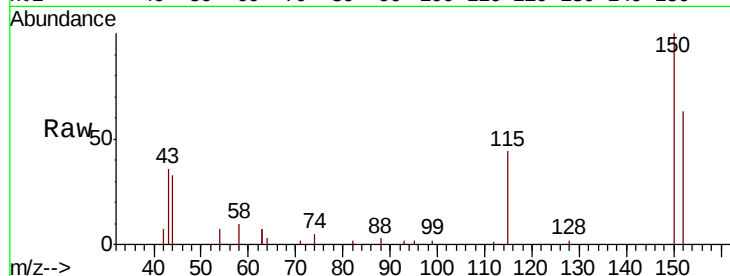
Tot Ion:152 Resp: 5016

Ion Ratio Lower Upper

152 100

150 159.1 120.6 181.0

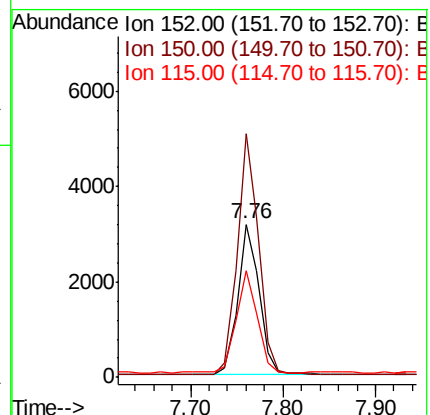
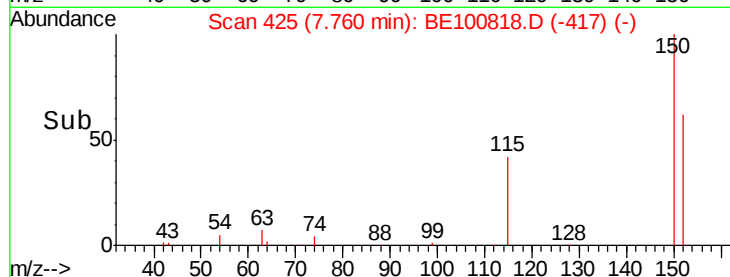
115 69.4 47.4 71.2



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: 0.695 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

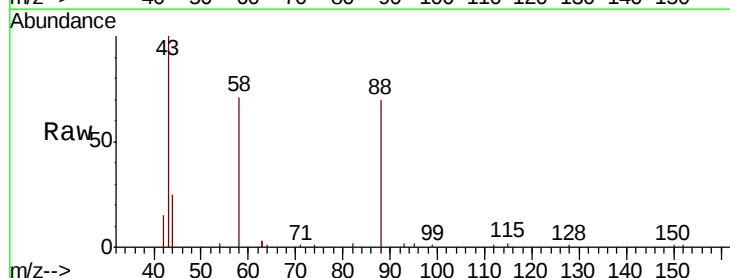
Tgt Ion: 88 Resp: 6359

Ion Ratio Lower Upper

88 100

58 79.2 52.5 78.7#

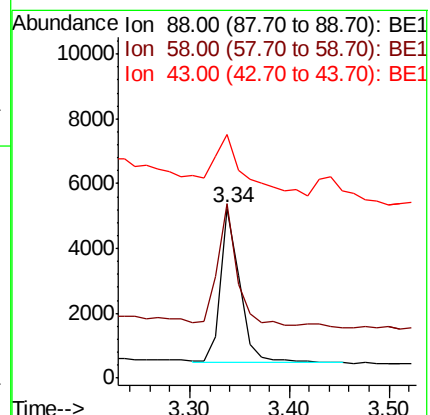
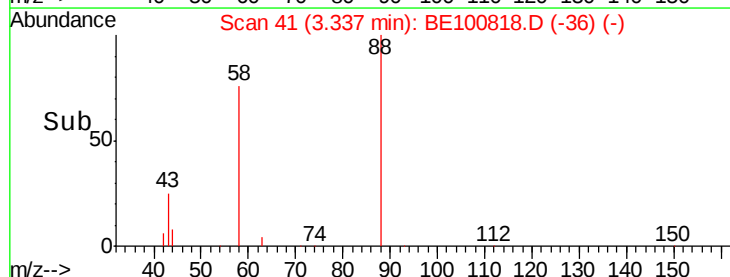
43 57.8 23.0 34.6#



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: 0.191 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

Instrument :

BNA_E

ClientSampleId :

RE126D3-20191203

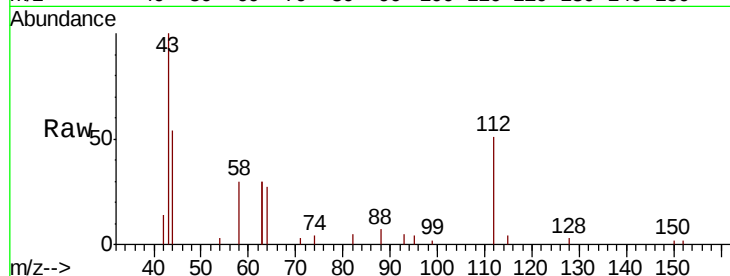
Tot Ion:112 Resp: 2278

Ion Ratio Lower Upper

112 100

64 67.7 54.1 81.1

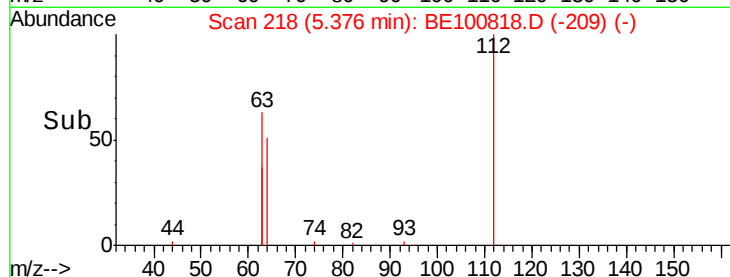
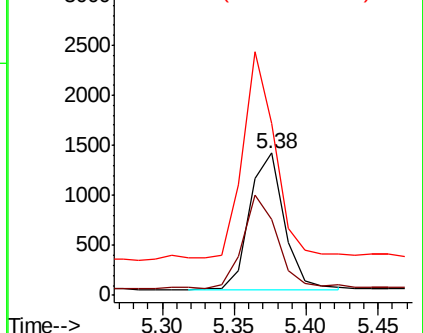
63 139.7 113.2 169.8



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: 0.116 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

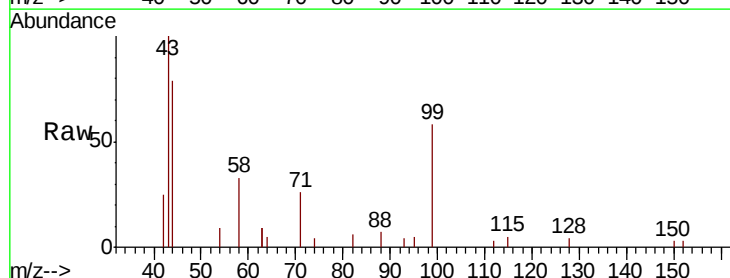
Tgt Ion: 99 Resp: 2091

Ion Ratio Lower Upper

99 100

42 28.2 19.1 28.7

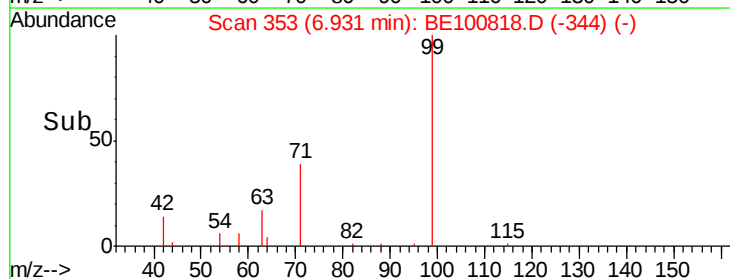
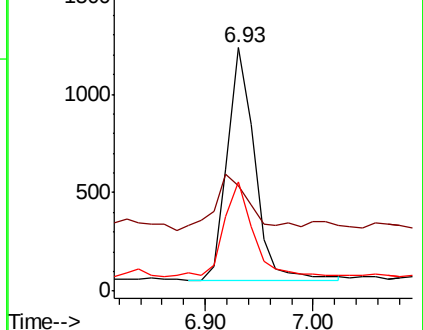
71 41.7 27.7 41.5#

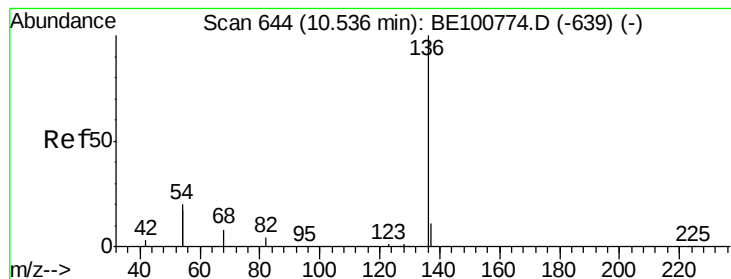


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100818.D

Acq: 10 Dec 2019 19:33

Instrument :

BNA_E

ClientSampleId :

RE126D3-20191203

Tot Ion:136 Resp: 23116

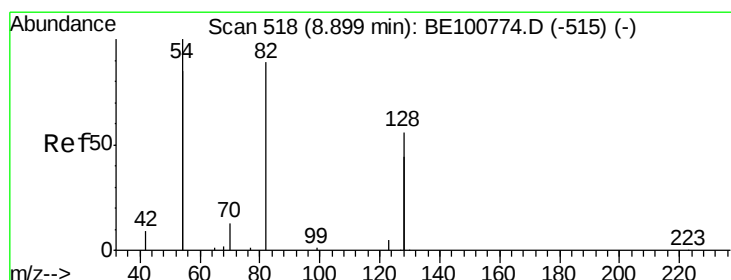
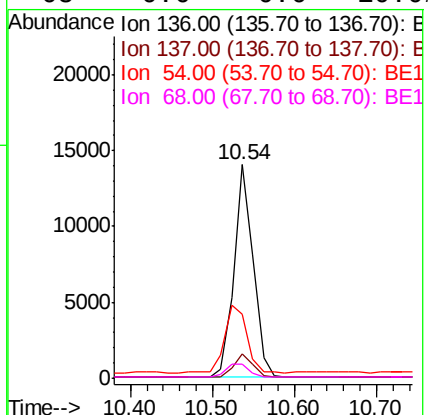
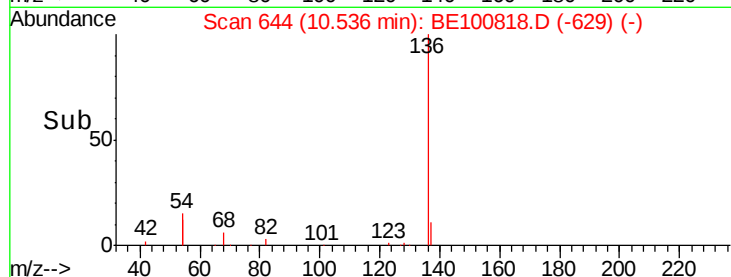
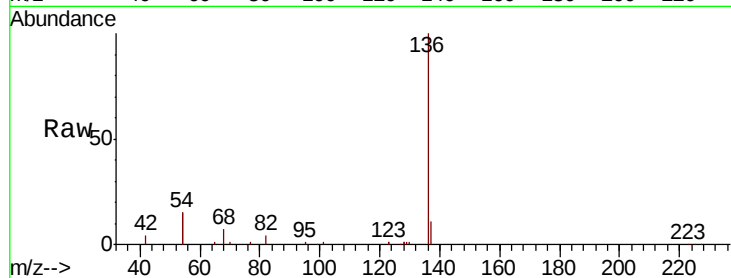
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 30.1 31.1 46.7#

68 6.6 6.6 10.0#



#8

Nitrobenzene-d5

Concen: 0.562 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

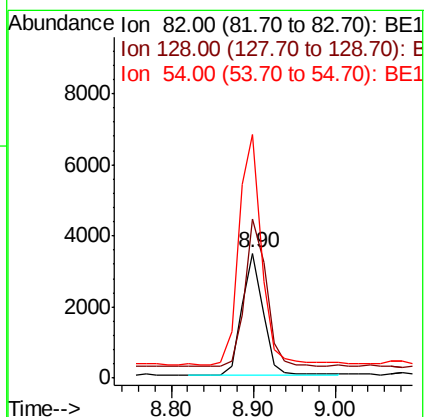
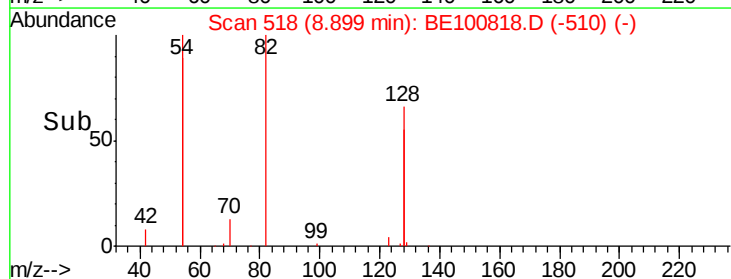
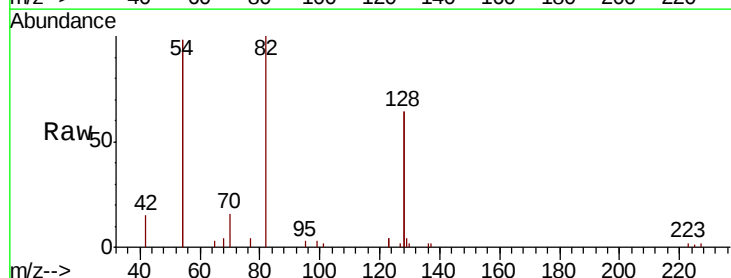
Tgt Ion: 82 Resp: 6188

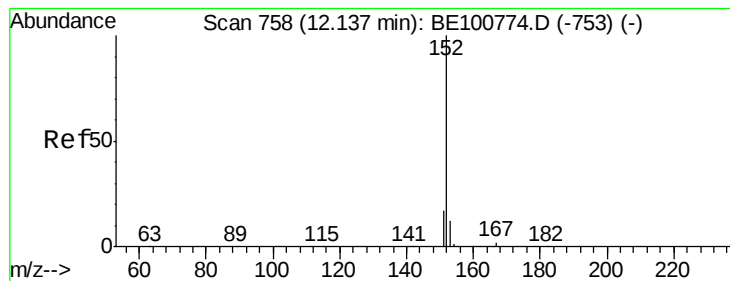
Ion Ratio Lower Upper

82 100

128 128.0 97.0 145.4

54 195.1 171.8 257.6





#11

2-Methylnaphthalene-d10

Concen: 0.440 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

Instrument :

BNA_E

ClientSampleId :

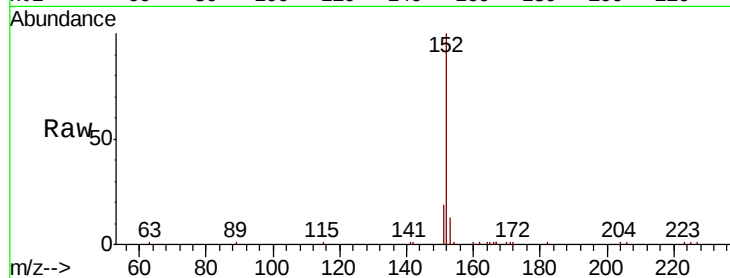
RE126D3-20191203

Tot Ion:152 Resp: 14754

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

10000

8000

6000

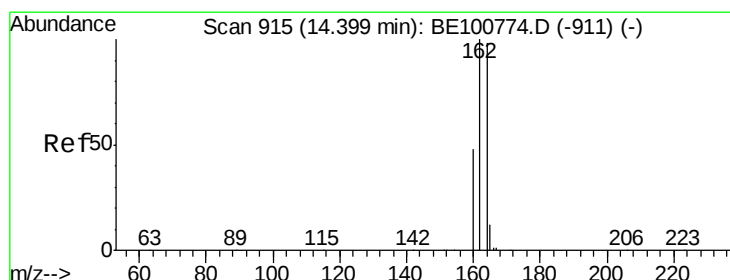
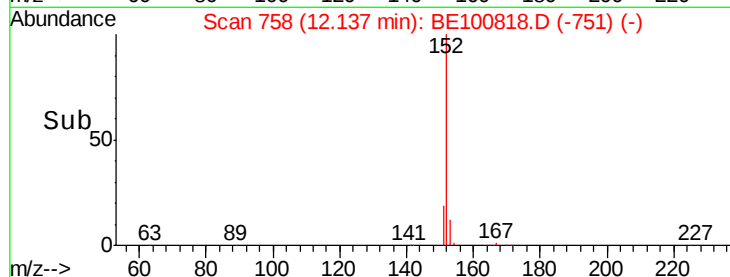
4000

2000

0

Time-->

12.00 12.20



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

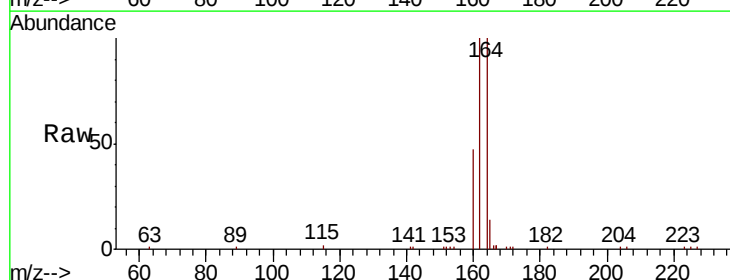
Tgt Ion:164 Resp: 12927

Ion Ratio Lower Upper

164 100

162 99.8 81.4 122.0

160 46.5 39.4 59.0



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

14.40

10000

8000

6000

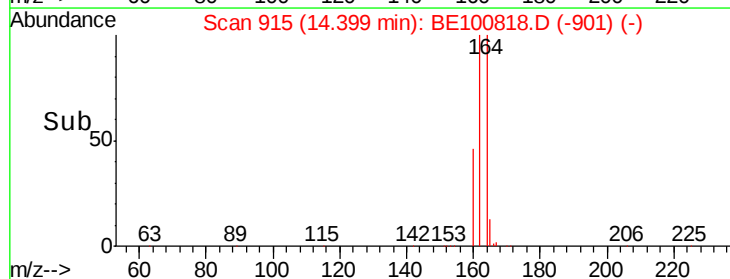
4000

2000

0

Time-->

14.30 14.40 14.50





#14

2,4,6-Tribromophenol

Concen: 0.671 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

Instrument :

BNA_E

ClientSampleId :

RE126D3-20191203

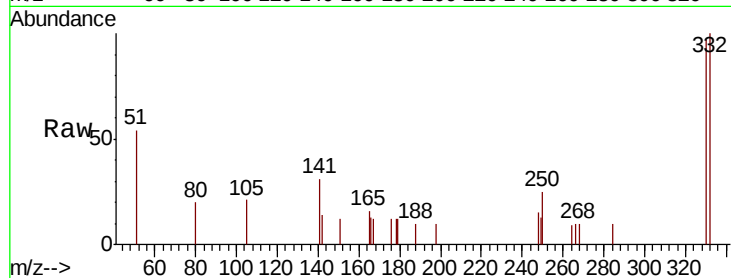
Tot Ion:330 Resp: 965

Ion Ratio Lower Upper

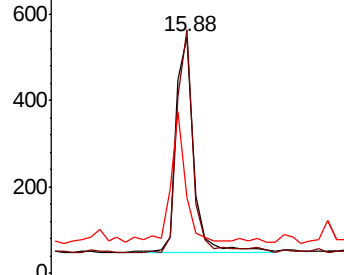
330 100

332 92.2 69.4 104.2

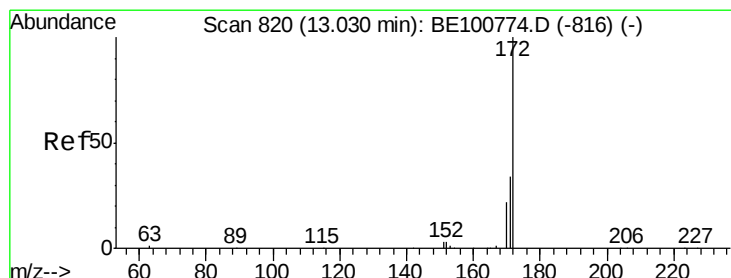
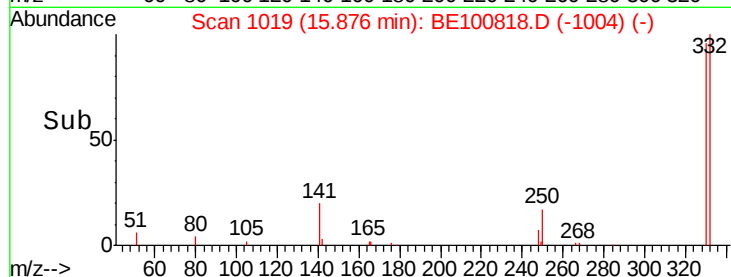
141 51.8 51.1 76.7



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



Time-->



#15

2-Fluorobiphenyl

Concen: 0.414 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

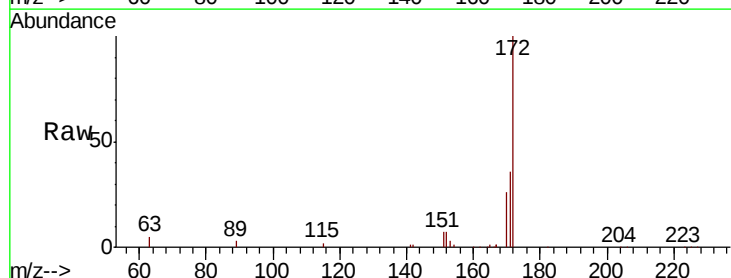
Tgt Ion:172 Resp: 21220

Ion Ratio Lower Upper

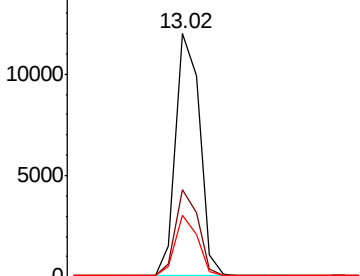
172 100

171 36.0 27.2 40.8

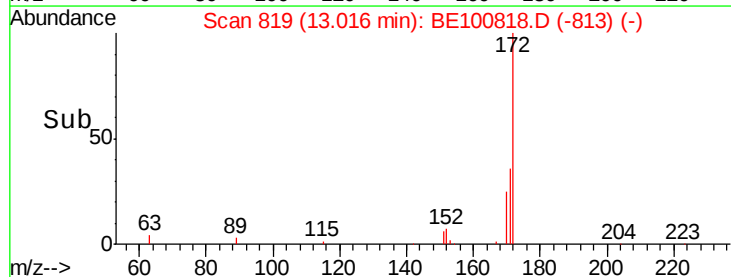
170 25.6 18.0 27.0

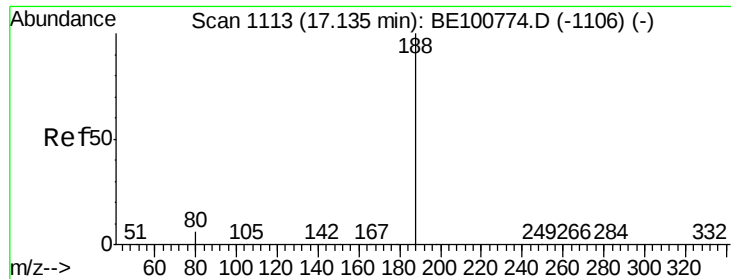


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.09 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

Instrument :

BNA_E

ClientSampleId :

RE126D3-20191203

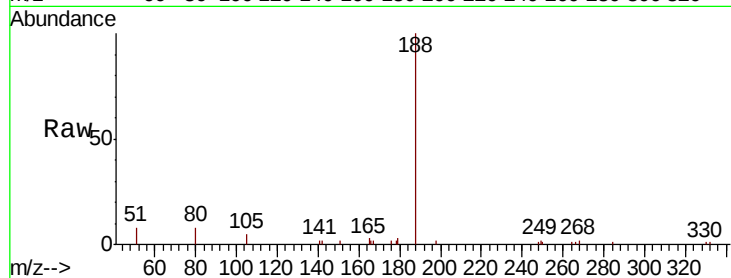
Tot Ion:188 Resp: 7079

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

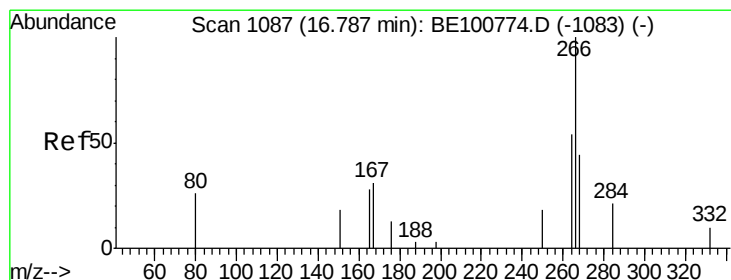
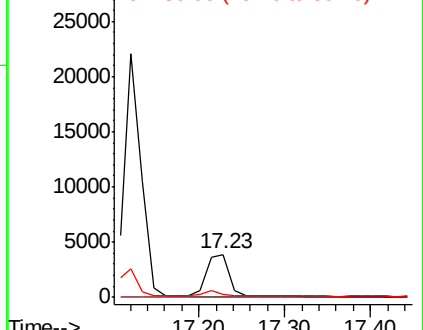
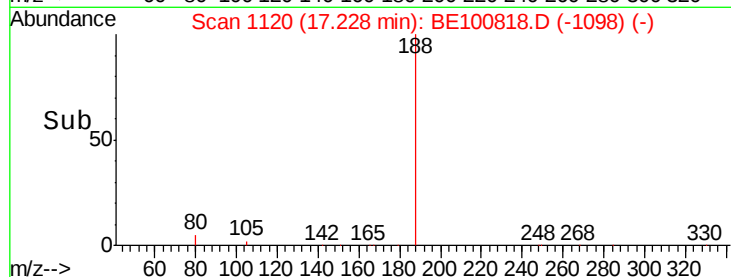
80 7.7 5.2 7.8



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



#22

Pentachlorophenol

Concen: 0.038 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.05 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

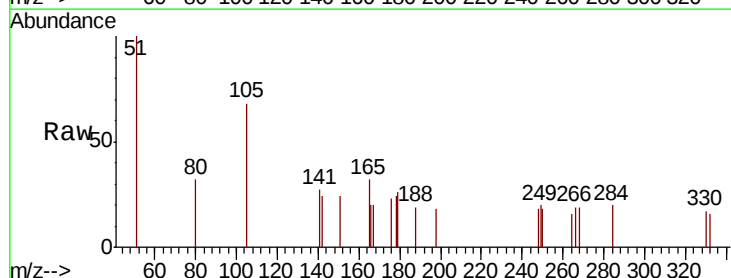
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 84.5 63.4 95.0

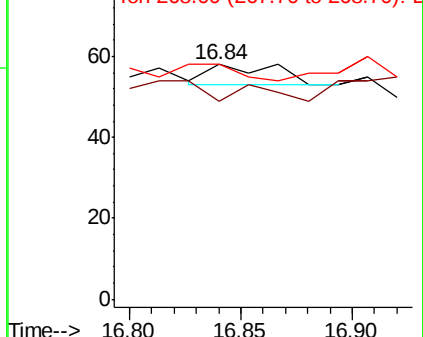
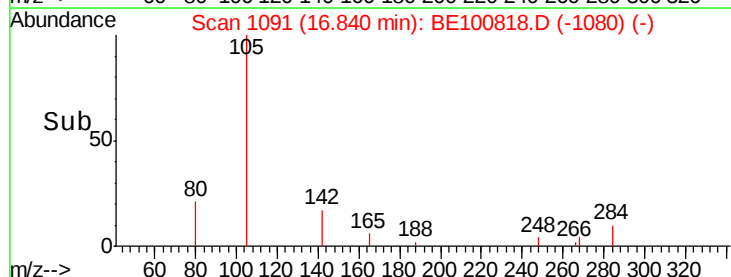
268 100.0 65.8 98.8#

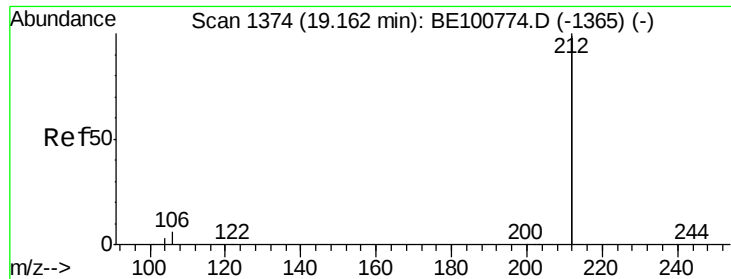


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.563 ng

RT: 19.52 min Scan# 1436

Delta R.T. 0.35 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

Instrument :

BNA_E

ClientSampleId :

RE126D3-20191203

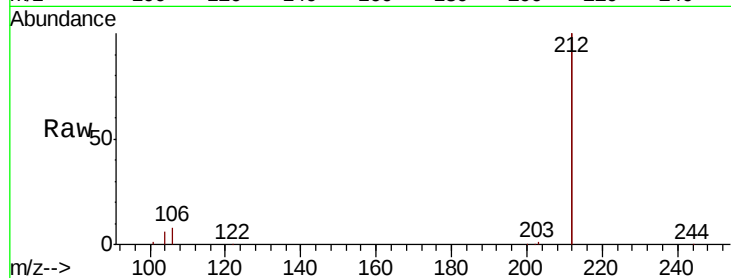
Tot Ion:212 Resp: 47112

Ion Ratio Lower Upper

212 100

106 3.9 2.6 3.8#

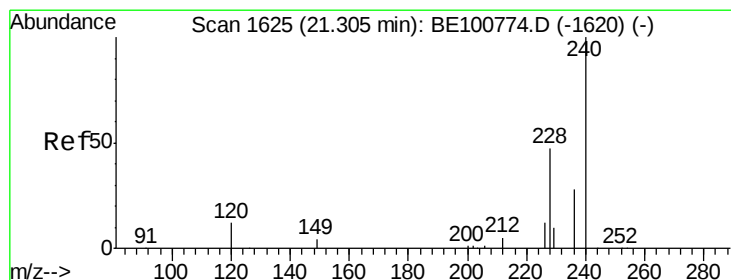
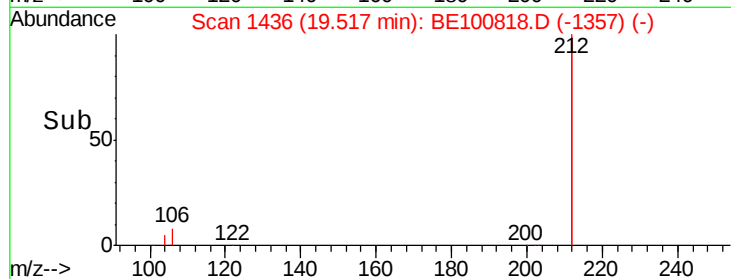
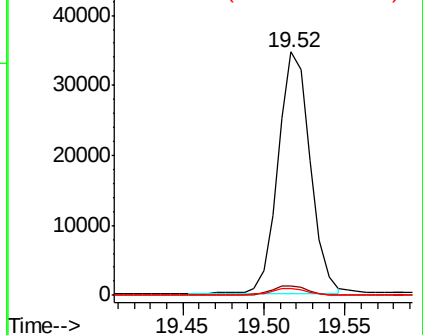
104 2.5 1.4 2.2#



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: BE100818.D

Acq: 10 Dec 2019 19:33

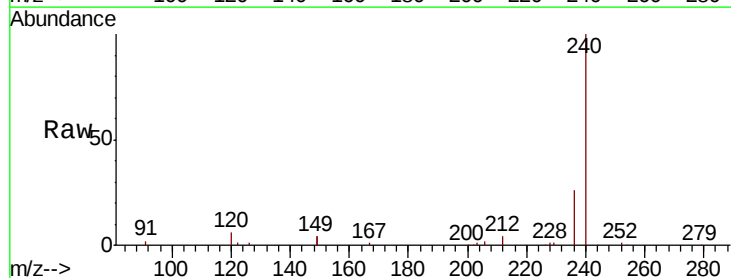
Tgt Ion:240 Resp: 25689

Ion Ratio Lower Upper

240 100

120 6.4 10.2 15.2#

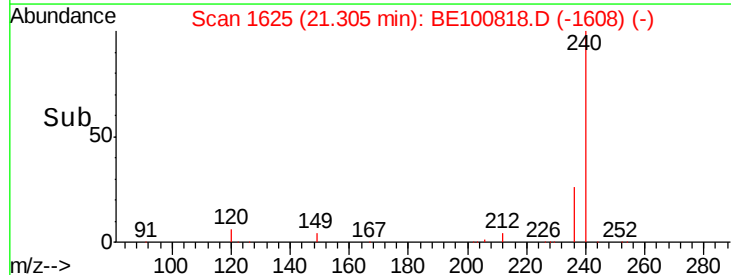
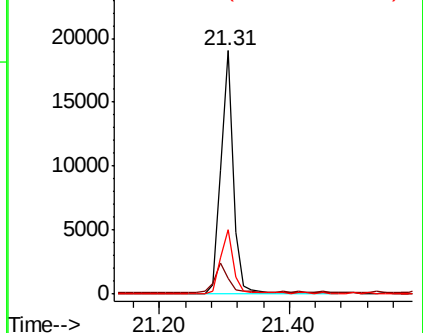
236 26.5 22.3 33.5

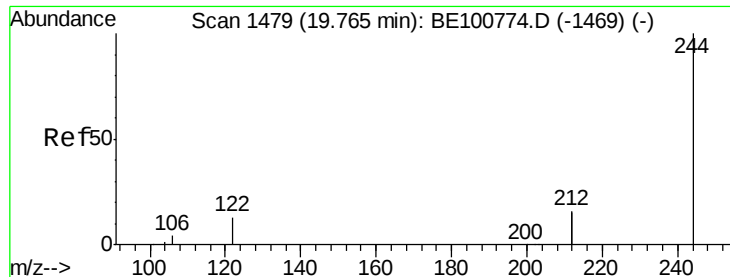


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.435 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

Instrument :

BNA_E

ClientSampleId :

RE126D3-20191203

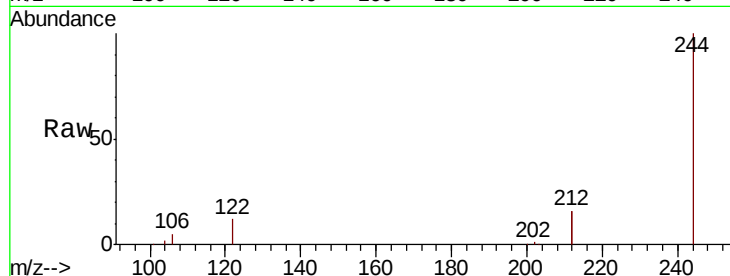
Tot Ion:244 Resp: 26784

Ion Ratio Lower Upper

244 100

212 32.3 26.2 39.4

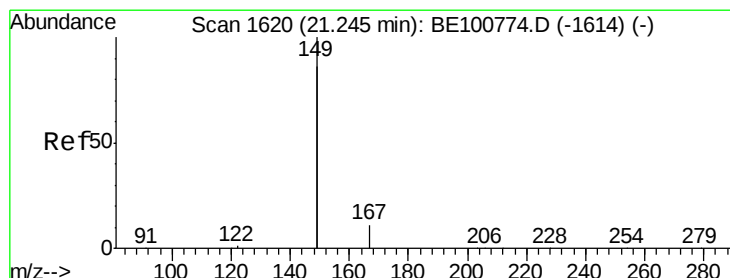
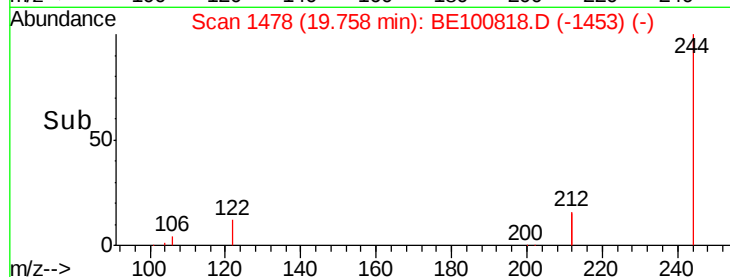
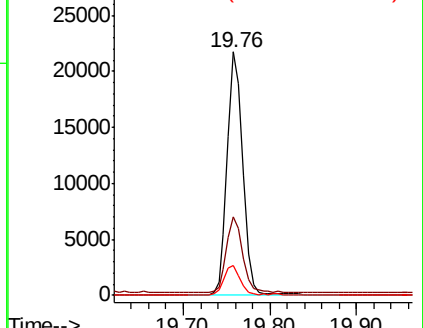
122 12.3 10.2 15.4



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.070 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

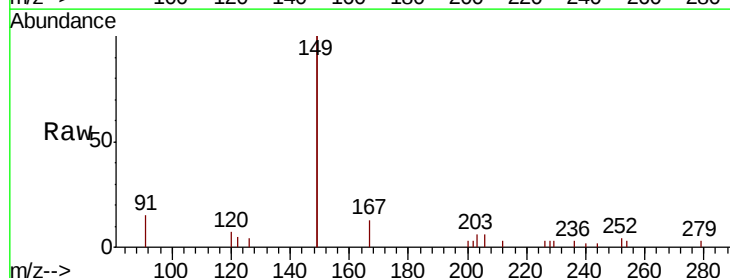
Tgt Ion:149 Resp: 6503

Ion Ratio Lower Upper

149 100

167 6.7 5.0 7.6

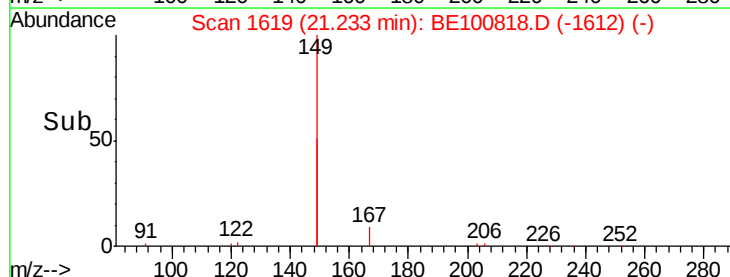
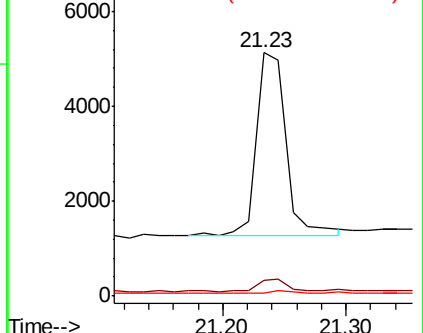
279 1.2 0.7 1.1#

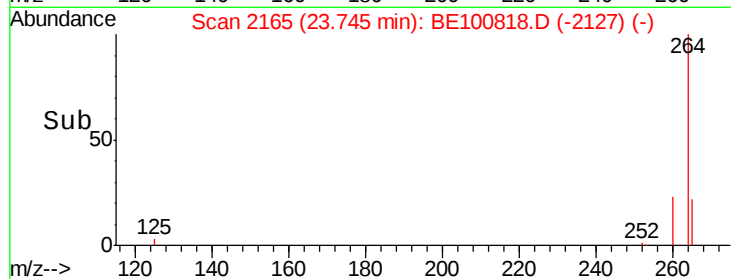
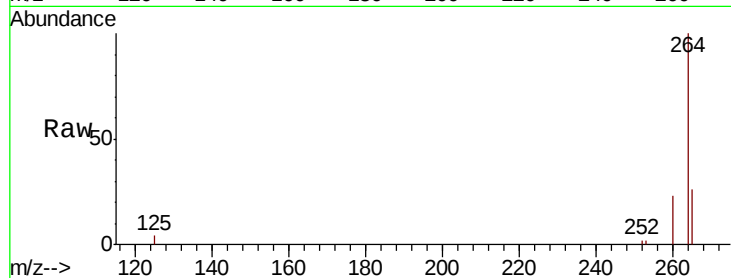


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2165

Delta R.T. -0.01 min

Lab File: BE100818.D

Acq: 10 Dec 2019 19:33

Instrument :

BNA_E

ClientSampleId :

RE126D3-20191203

Tot Ion: 264 Resp: 30823

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 25.8 21.8 32.8

