

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100813.D
 Acq On : 10 Dec 2019 16:28
 Operator : JU
 Sample : K6184-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20191203

Quant Time: Dec 10 17:46:50 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

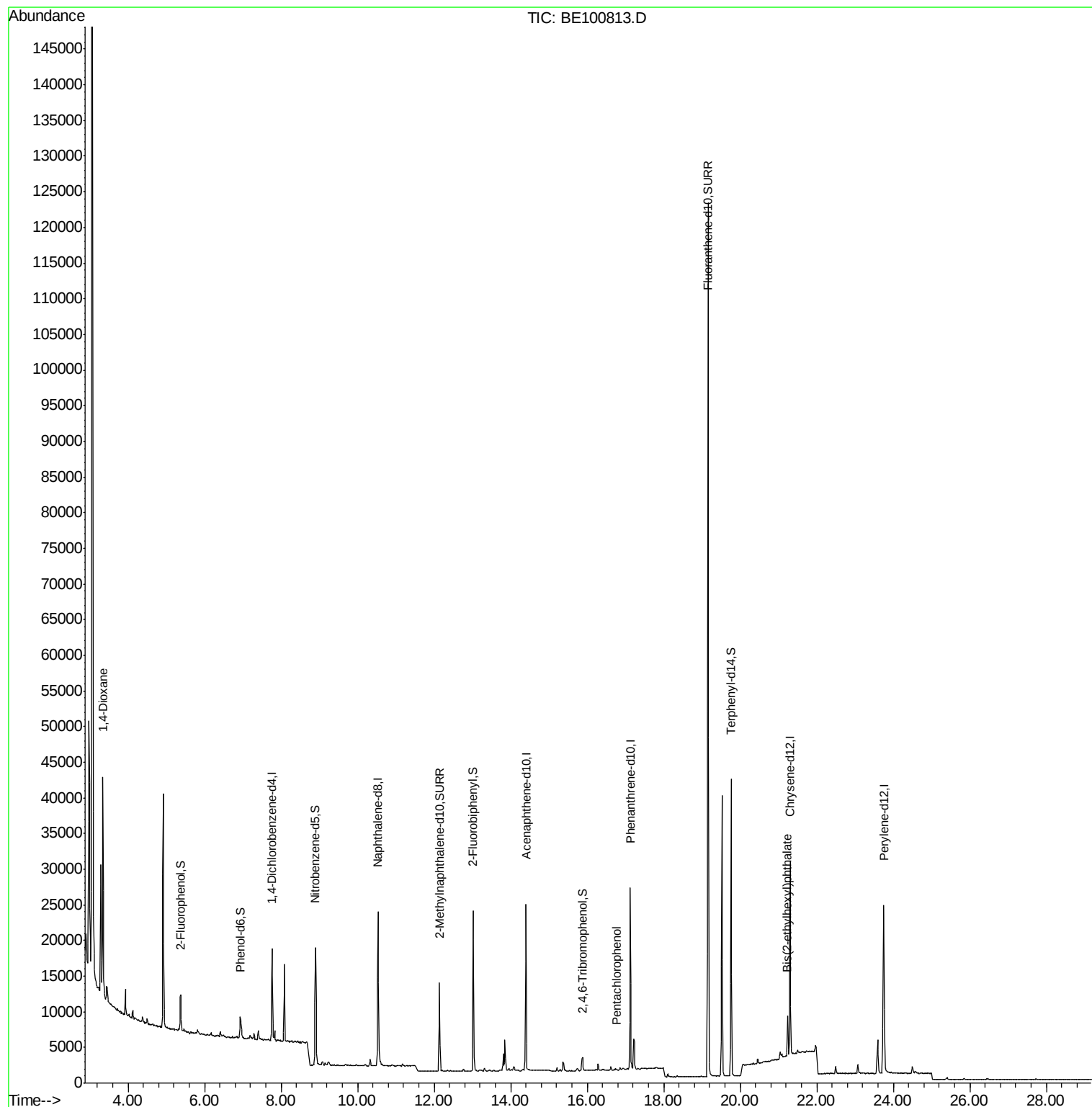
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5283	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	24105	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13977	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	32421	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	27234	0.40	ng	0.00
34) Perylene-d12	23.75	264	33403	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2846	0.23	ng	0.00
5) Phenol-d6	6.93	99	2715	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	6500	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15276	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1239	0.80	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	22611	0.41	ng	-0.01
25) Fluoranthene-d10	19.16	212	153317	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	32990	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	18326	1.903	ng	# 87
22) Pentachlorophenol	16.77	266	25	0.021	ng	# 87
32) Bis(2-ethylhexyl)phthalate	21.23	149	8590	0.110	ng	# 96

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

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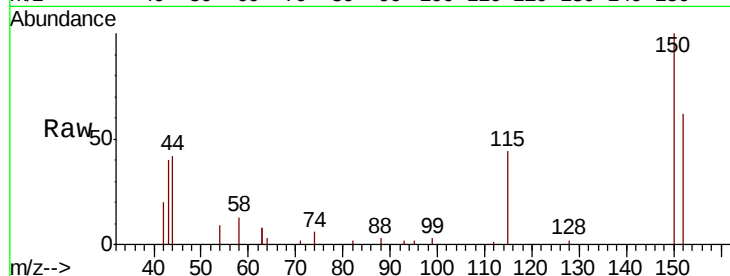


#1

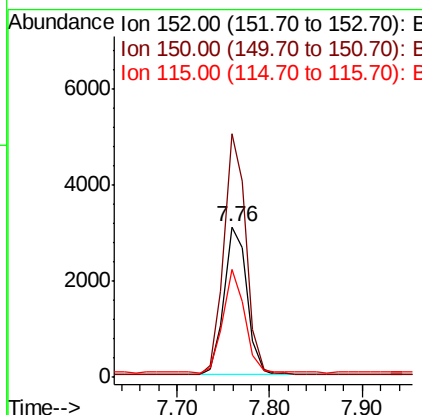
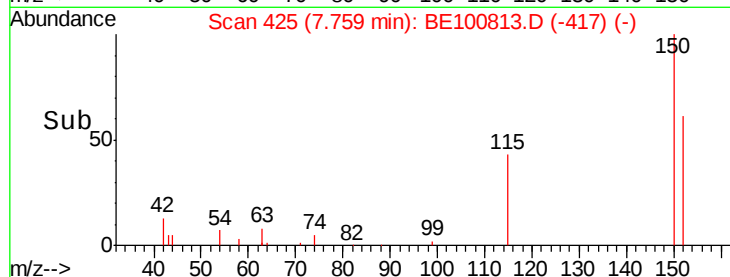
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100813.D
Acq: 10 Dec 2019 16:28

Instrument :
BNA_E
ClientSampleId :
RE123D1-20191203

Tot Ion:152 Resp: 5283
Ion Ratio Lower Upper
152 100
150 161.8 120.6 181.0
115 71.6 47.4 71.2#



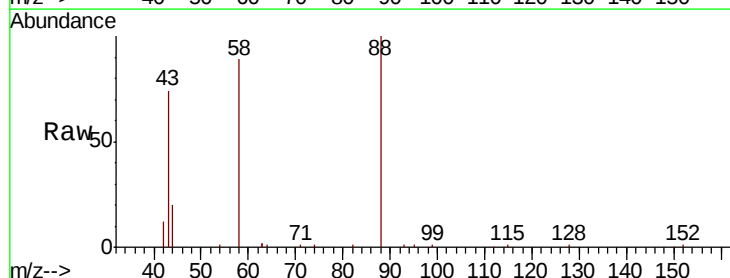
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



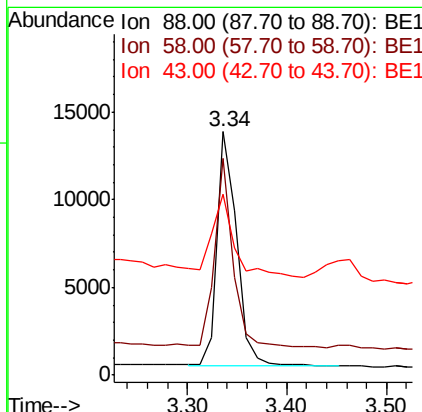
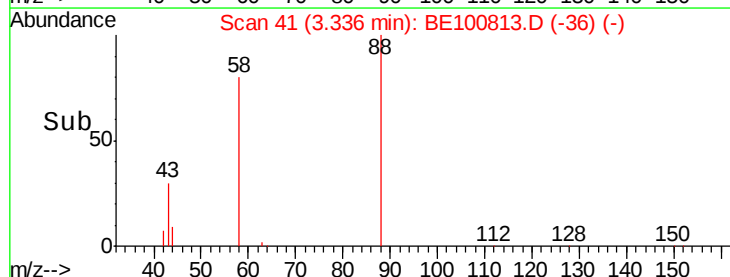
#2

1,4-Dioxane
Concen: 1.903 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100813.D
Acq: 10 Dec 2019 16:28

Tgt Ion: 88 Resp: 18326
Ion Ratio Lower Upper
88 100
58 73.9 52.5 78.7
43 39.1 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: 0.227 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100813.D

Acq: 10 Dec 2019 16:28

Instrument :

BNA_E

ClientSampleId :

RE123D1-20191203

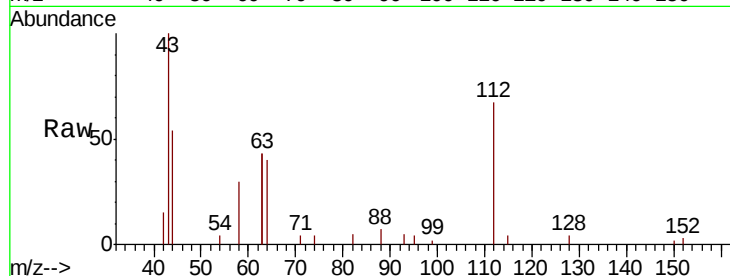
Tot Ion:112 Resp: 2846

Ion Ratio Lower Upper

112 100

64 67.8 54.1 81.1

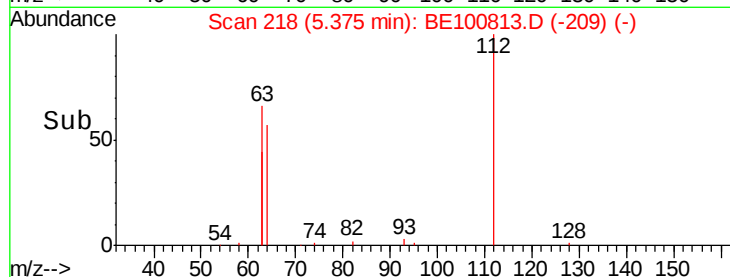
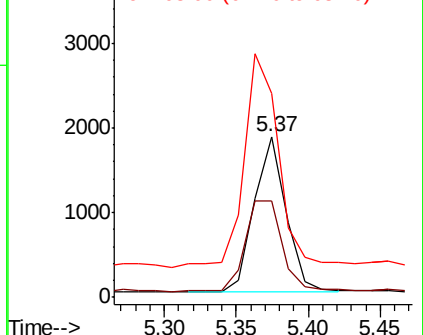
63 144.6 113.2 169.8



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: 0.143 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100813.D

Acq: 10 Dec 2019 16:28

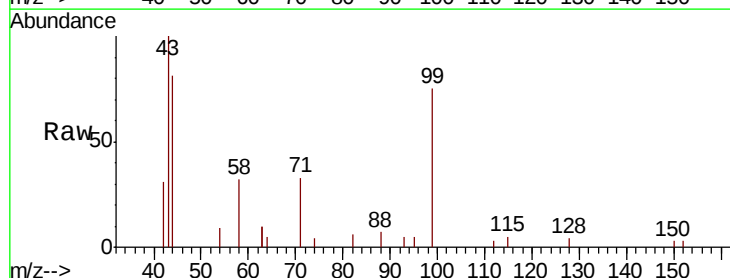
Tgt Ion: 99 Resp: 2715

Ion Ratio Lower Upper

99 100

42 22.1 19.1 28.7

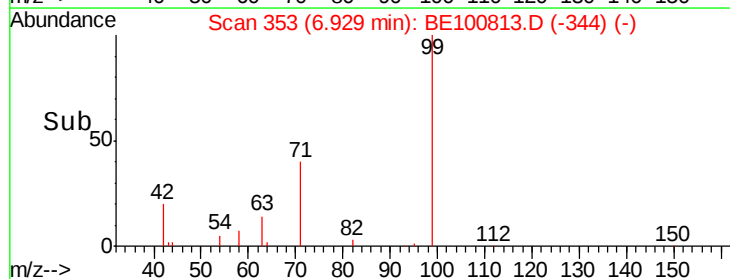
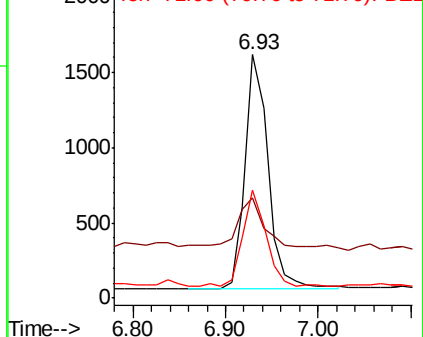
71 41.4 27.7 41.5



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: BE100813.D

Acq: 10 Dec 2019 16:28

Instrument :

BNA_E

ClientSampleId :

RE123D1-20191203

Tot Ion:136 Resp: 24105

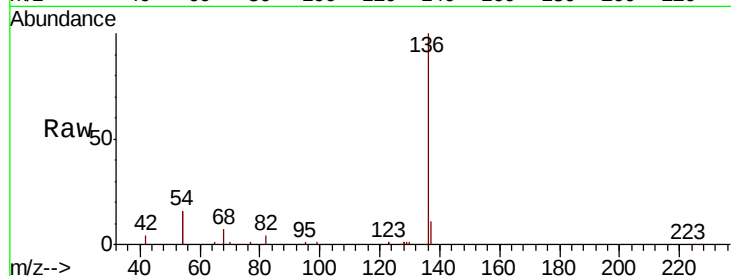
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 32.6 31.1 46.7

68 6.7 6.6 10.0

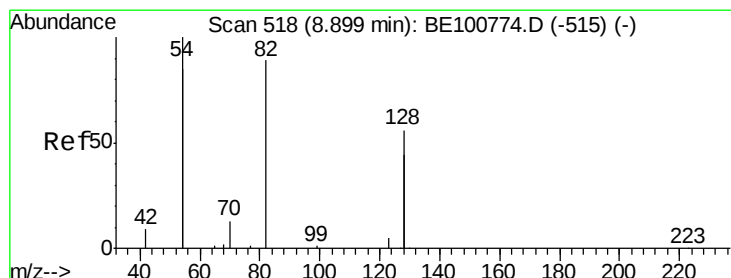
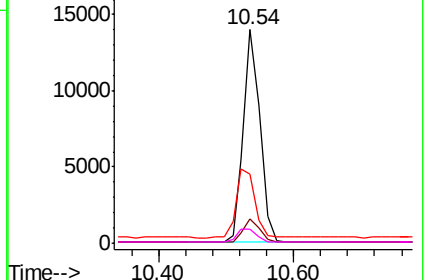
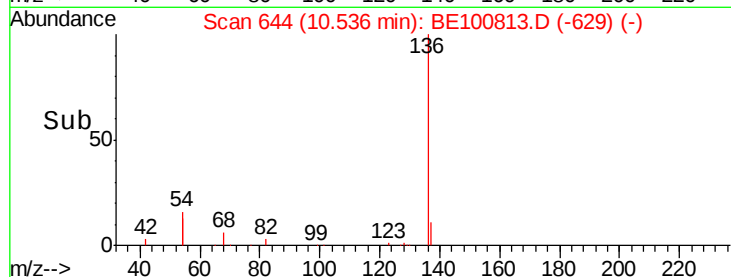


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.566 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100813.D

Acq: 10 Dec 2019 16:28

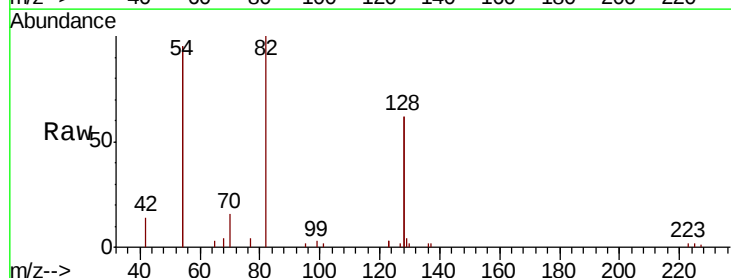
Tgt Ion: 82 Resp: 6500

Ion Ratio Lower Upper

82 100

128 123.2 97.0 145.4

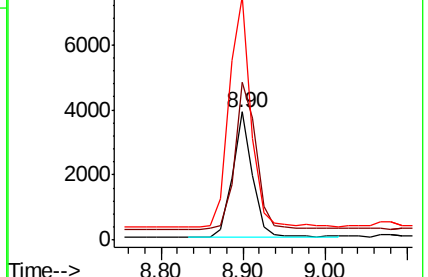
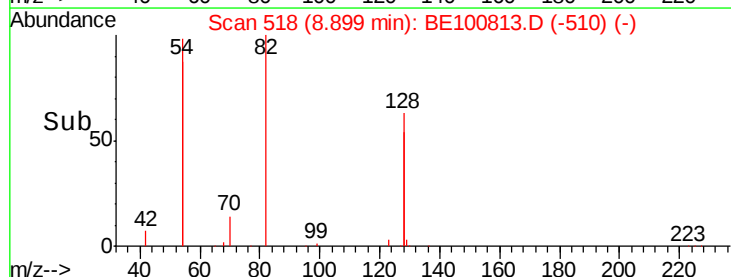
54 190.2 171.8 257.6



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: 0.437 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100813.D

Acq: 10 Dec 2019 16:28

Instrument :

BNA_E

ClientSampleId :

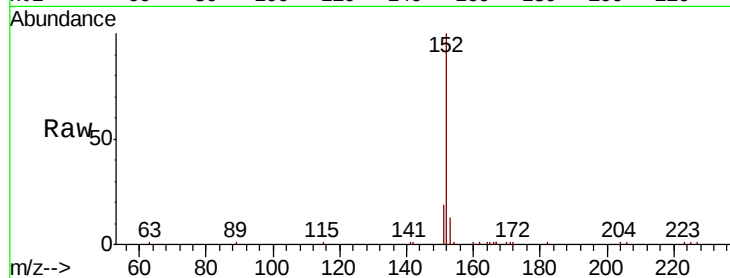
RE123D1-20191203

Tot Ion:152 Resp: 15276

Ion Ratio Lower Upper

152 100

151 19.4 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

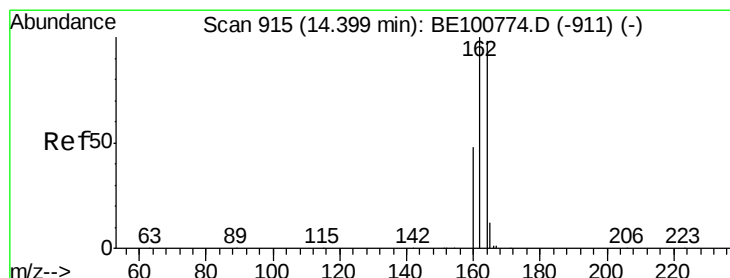
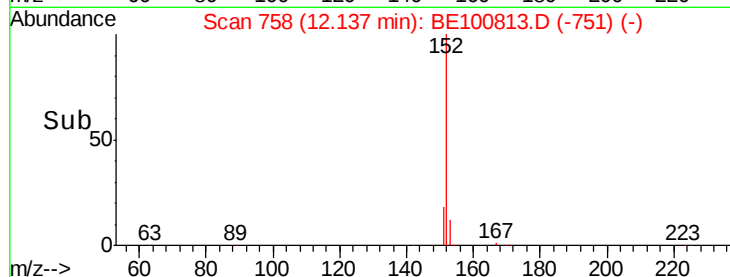
6000

4000

2000

0

Time--> 12.00 12.10 12.20 12.30



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100813.D

Acq: 10 Dec 2019 16:28

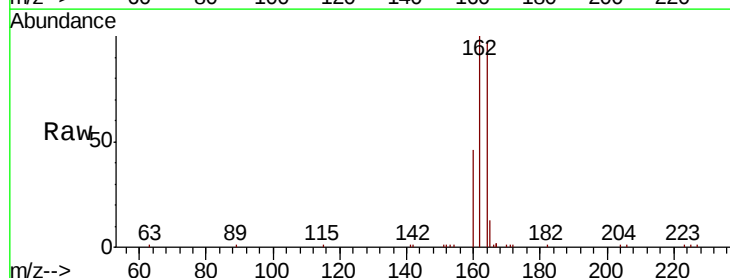
Tgt Ion:164 Resp: 13977

Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.0

160 47.9 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

12000

10000

8000

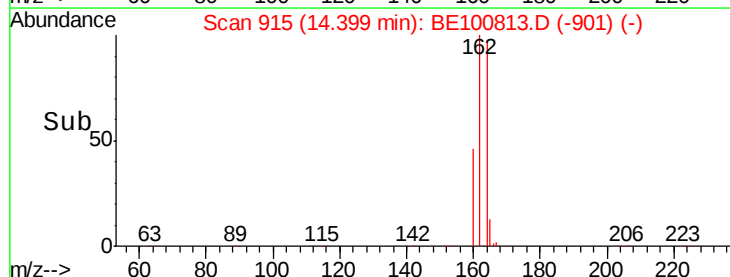
6000

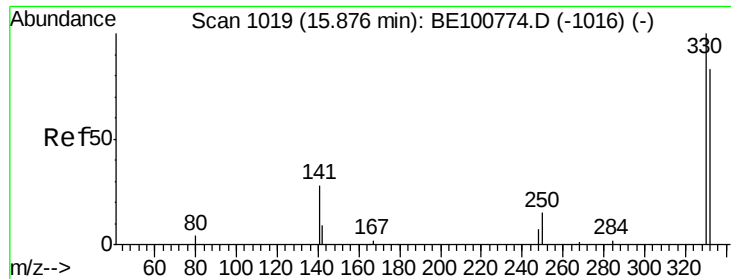
4000

2000

0

Time--> 14.30 14.40 14.50

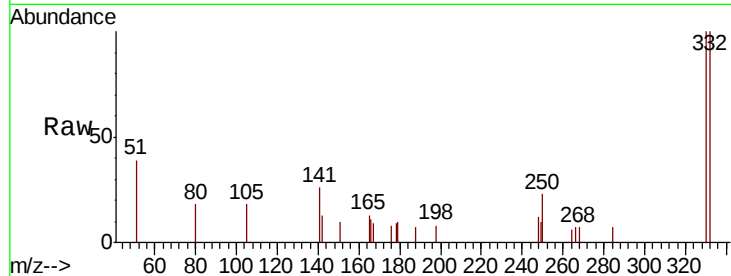




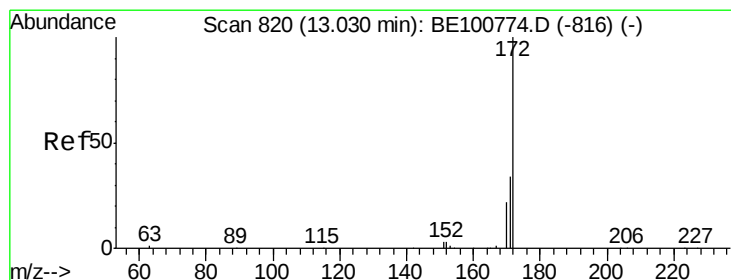
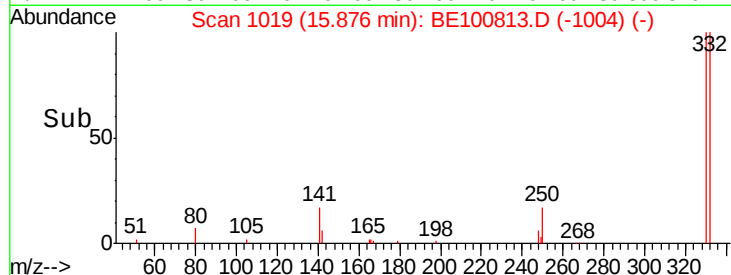
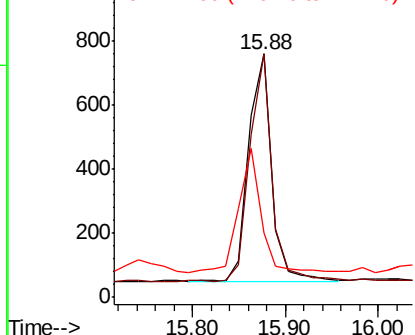
#14
 2,4,6-Tribromophenol
 Concen: 0.797 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100813.D
 Acq: 10 Dec 2019 16:28

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20191203

Tot Ion:330 Resp: 1239
 Ion Ratio Lower Upper
 330 100
 332 97.3 69.4 104.2
 141 52.4 51.1 76.7

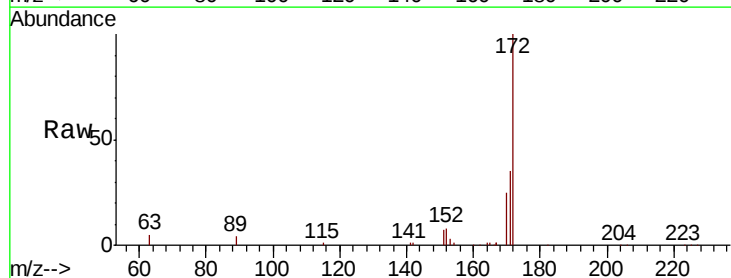


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

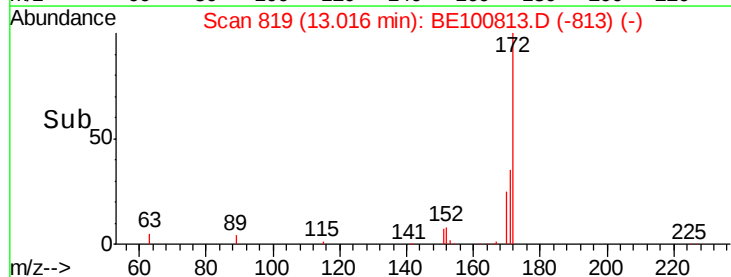
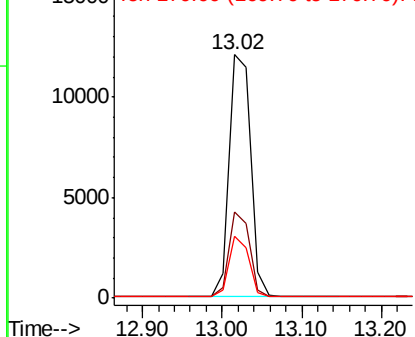


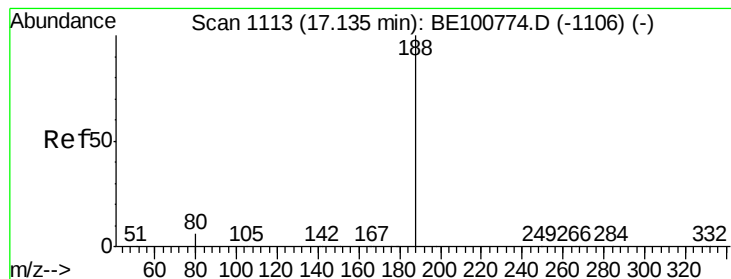
#15
 2-Fluorobiphenyl
 Concen: 0.408 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100813.D
 Acq: 10 Dec 2019 16:28

Tgt Ion:172 Resp: 22611
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.2 40.8
 170 25.5 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: BE100813.D

Acq: 10 Dec 2019 16:28

Instrument :

BNA_E

ClientSampleId :

RE123D1-20191203

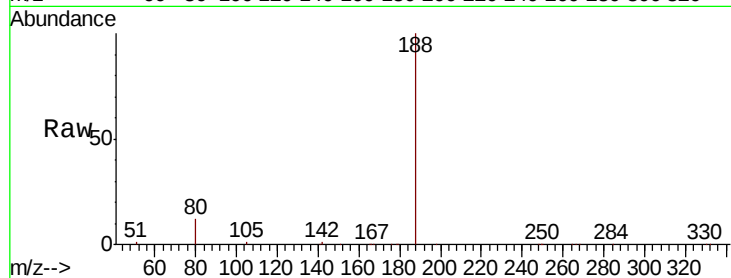
Tot Ion:188 Resp: 32421

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

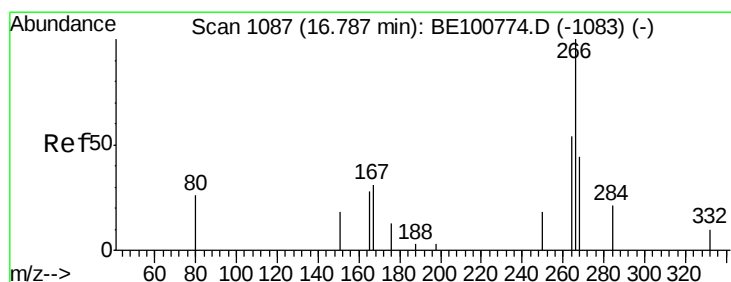
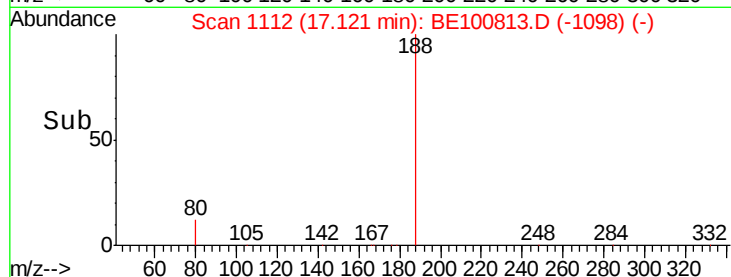
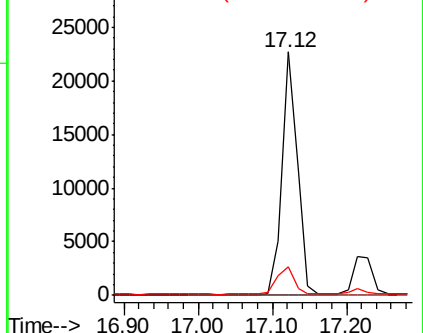
80 12.0 5.2 7.8#



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: 0.021 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE100813.D

Acq: 10 Dec 2019 16:28

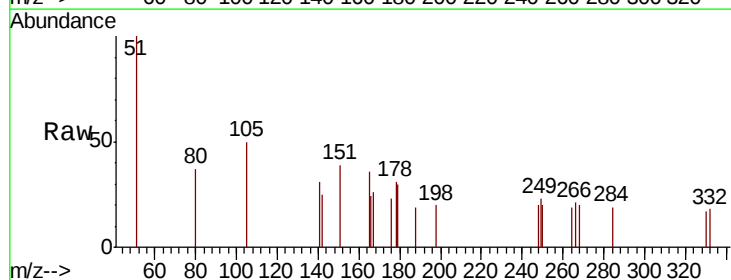
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 90.0 63.4 95.0

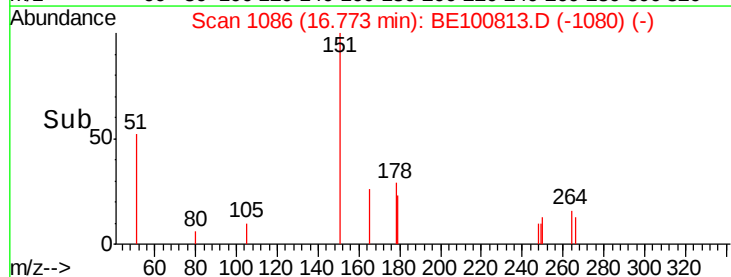
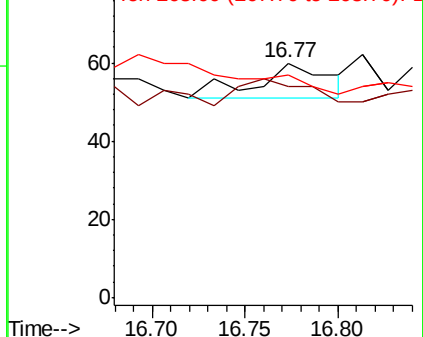
268 95.0 65.8 98.8

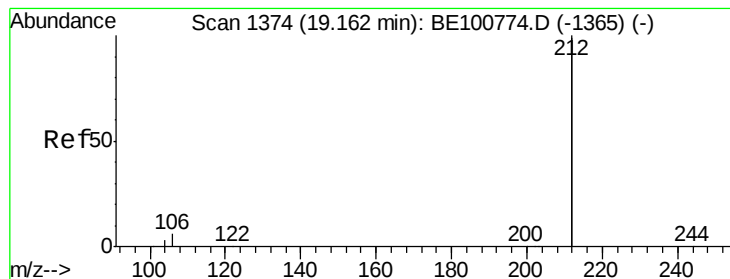


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.400 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100813.D

Acq: 10 Dec 2019 16:28

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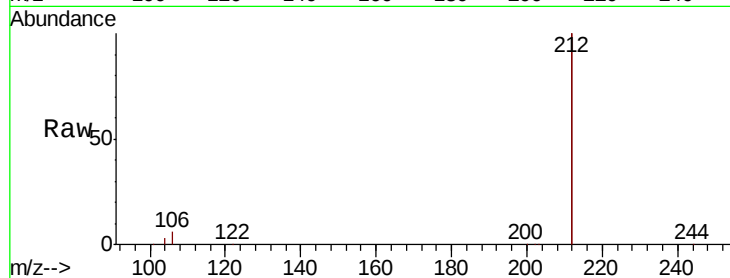
Tot Ion:212 Resp: 153317

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

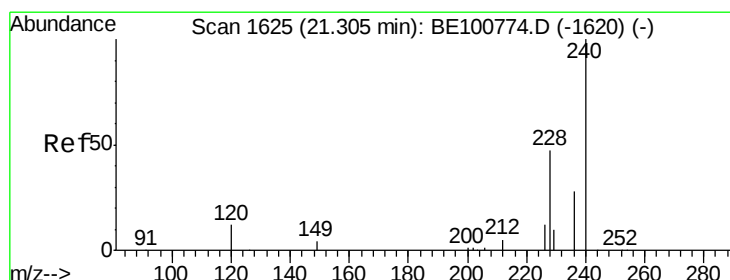
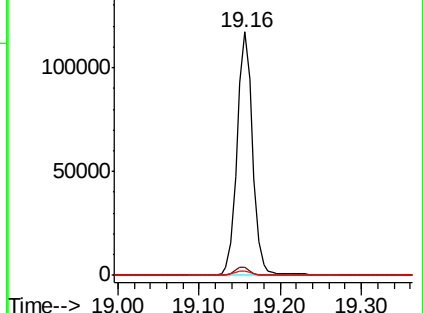
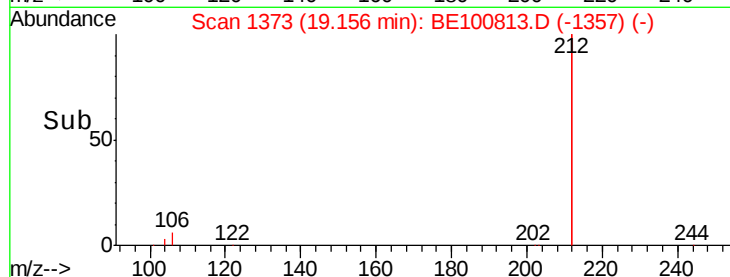
104 1.8 1.4 2.2



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: BE100813.D

Acq: 10 Dec 2019 16:28

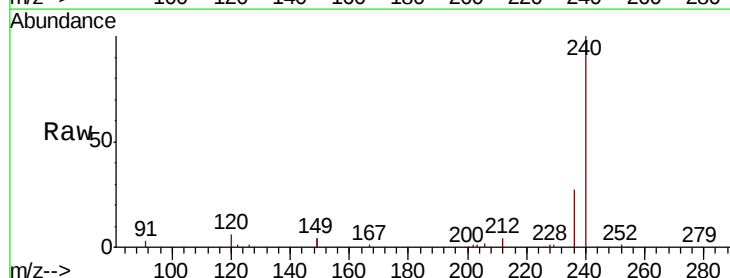
Tgt Ion:240 Resp: 27234

Ion Ratio Lower Upper

240 100

120 6.2 10.2 15.2#

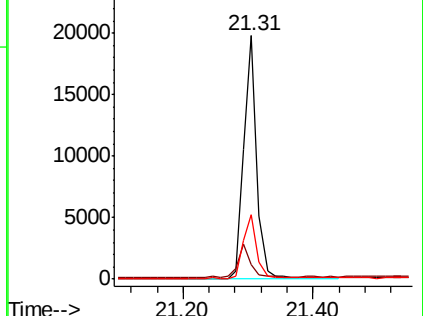
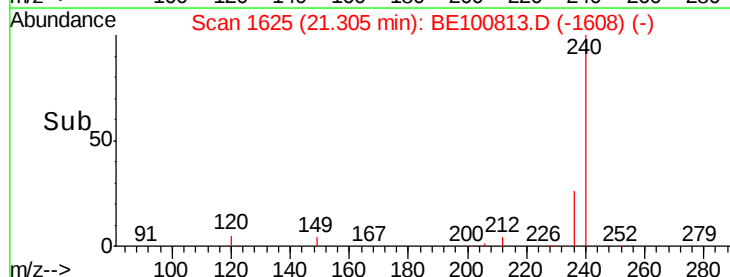
236 26.7 22.3 33.5

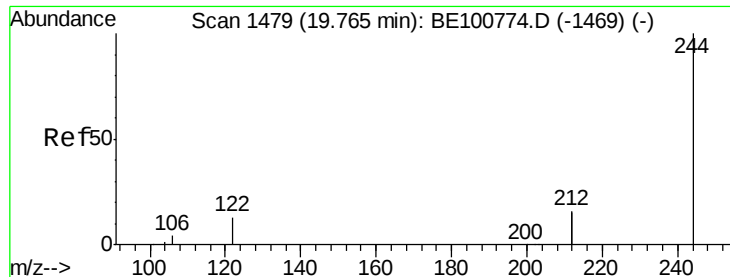


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.506 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100813.D

Acq: 10 Dec 2019 16:28

Instrument :

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RE123D1-20191203

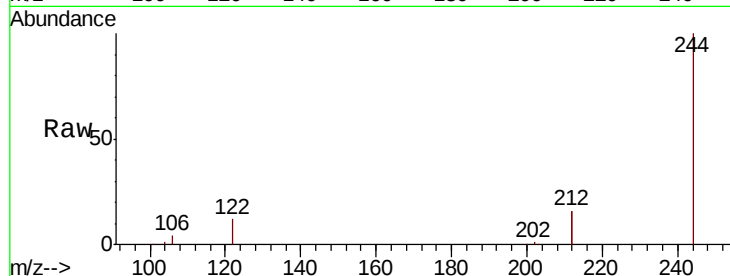
Tot Ion:244 Resp: 32990

Ion Ratio Lower Upper

244 100

212 31.8 26.2 39.4

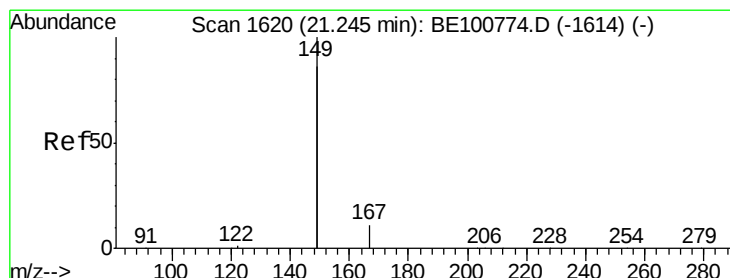
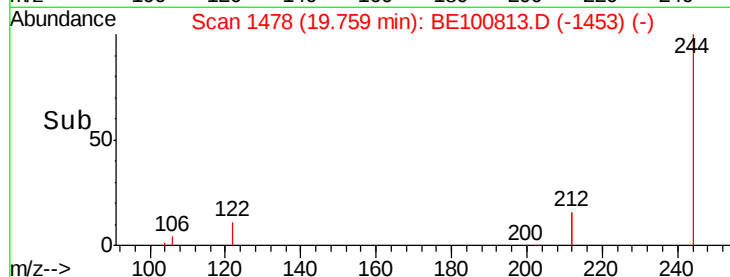
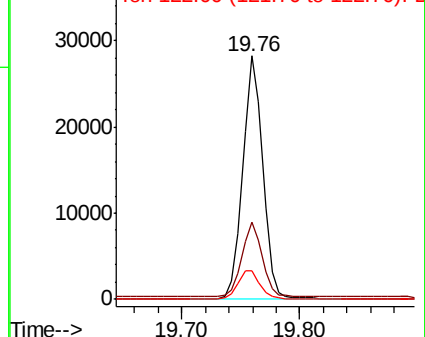
122 11.7 10.2 15.4



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: 0.110 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100813.D

Acq: 10 Dec 2019 16:28

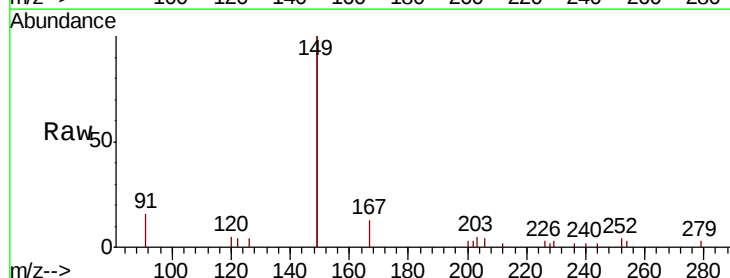
Tgt Ion:149 Resp: 8590

Ion Ratio Lower Upper

149 100

167 7.9 5.0 7.6#

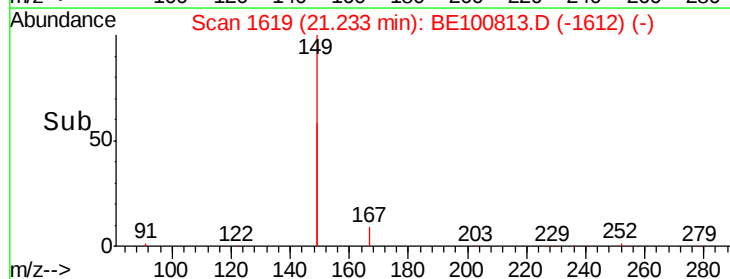
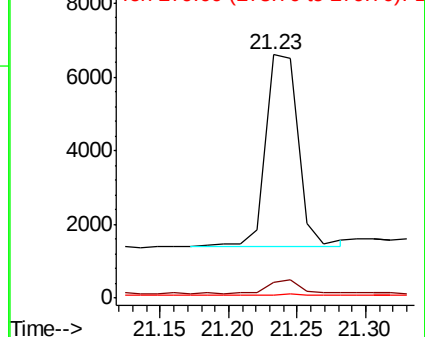
279 1.2 0.7 1.1#

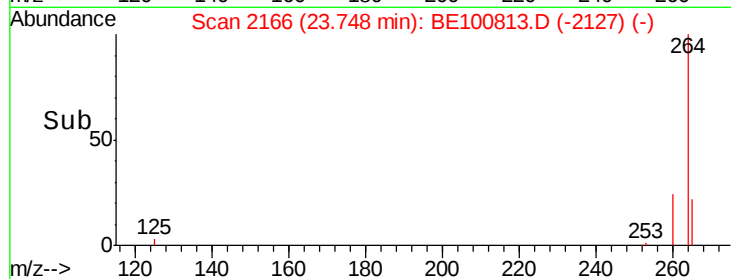
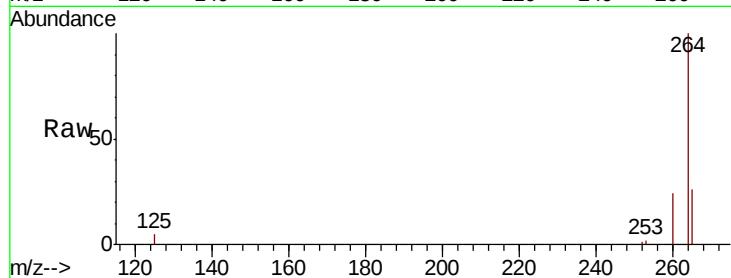


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE100813.D

Acq: 10 Dec 2019 16:28

Instrument :

BNA_E

ClientSampleId :

RE123D1-20191203

Tot Ion:264 Resp: 33403

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 25.9 21.8 32.8

