

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
 Data File : BE100547.D
 Acq On : 23 Sep 2019 19:58
 Operator : HP/JU
 Sample : K4930-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-190916

Quant Time: Sep 24 11:50:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 18:26:17 2019
 Response via : Initial Calibration

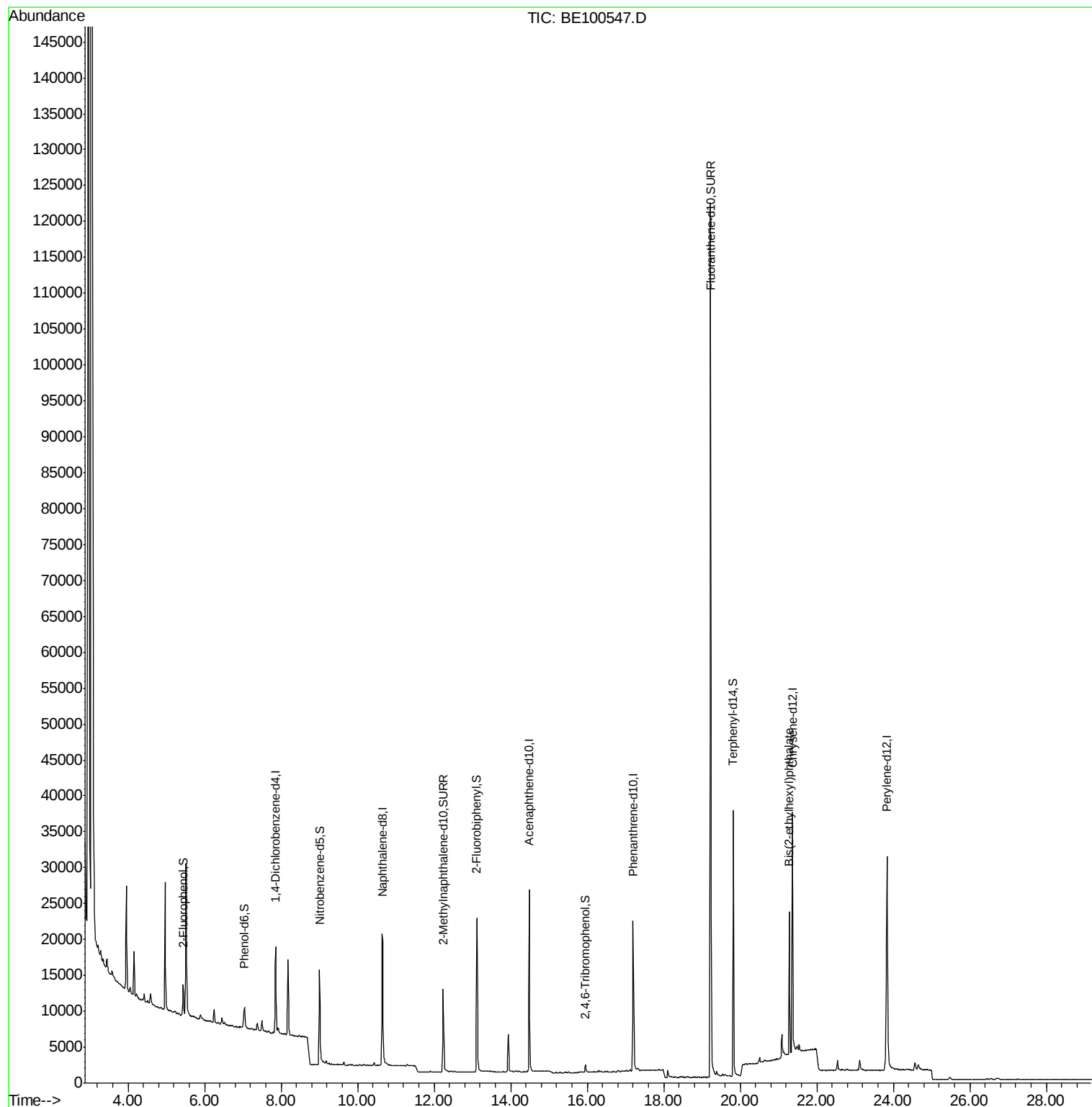
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6142	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	26708	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	14641	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	31641	0.40	ng	0.00
27) Chrysene-d12	21.37	240	39810	0.40	ng	0.00
34) Perylene-d12	23.83	264	47023	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2720	0.19	ng	0.00
5) Phenol-d6	7.02	99	1872	0.10	ng	0.00
8) Nitrobenzene-d5	9.00	82	6239	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	16035	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	696	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	20594	0.39	ng	0.00
25) Fluoranthene-d10	19.23	212	163190	0.43	ng	0.00
29) Terphenyl-d14	19.82	244	37054	0.39	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.28	149	22167	0.193	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE100547.D

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Instrument :

BNA_E

ClientSampleId :

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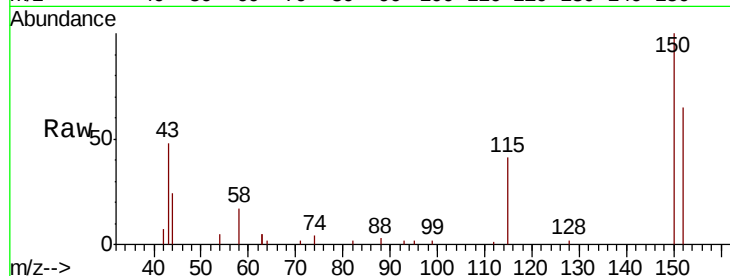
Tot Ion:152 Resp: 6142

Ion Ratio Lower Upper

152 100

150 153.8 121.6 182.4

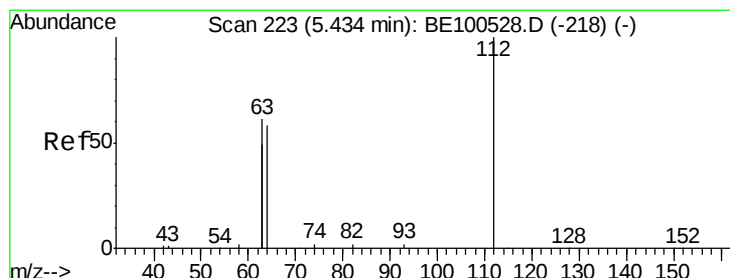
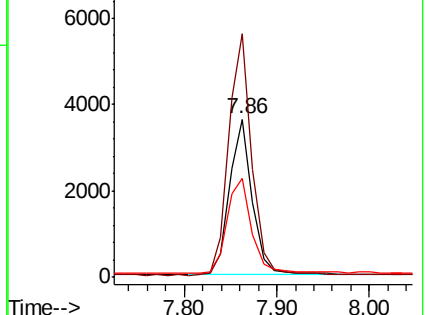
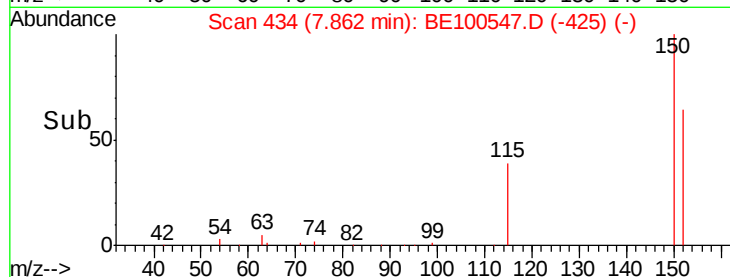
115 62.3 48.2 72.4



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



#4

2-Fluorophenol

Concen: 0.189 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.01 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

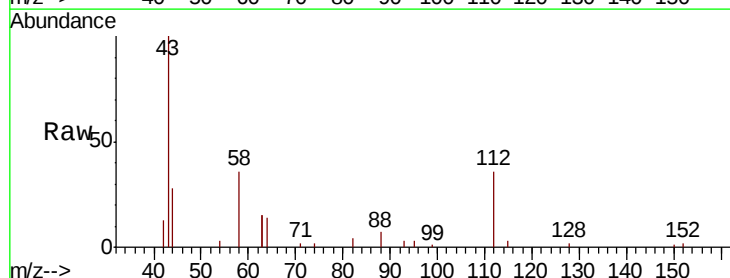
Tgt Ion:112 Resp: 2720

Ion Ratio Lower Upper

112 100

64 53.6 44.1 66.1

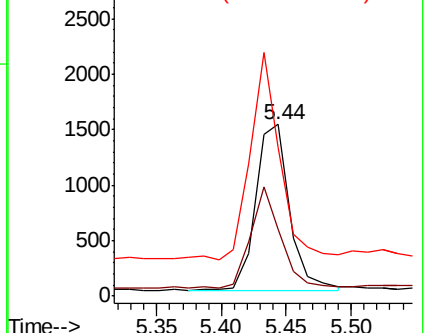
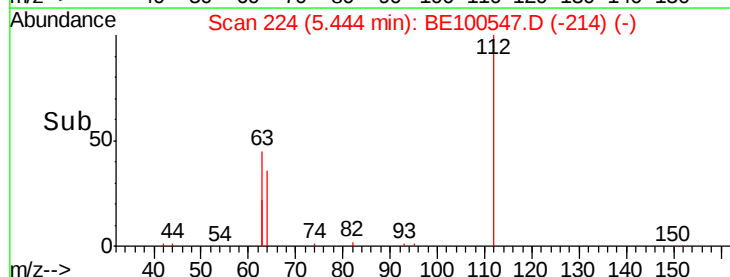
63 108.2 86.5 129.7

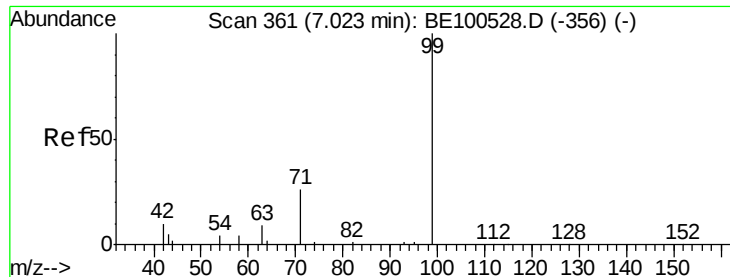


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.095 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

Instrument :

BNA_E

ClientSampleId :

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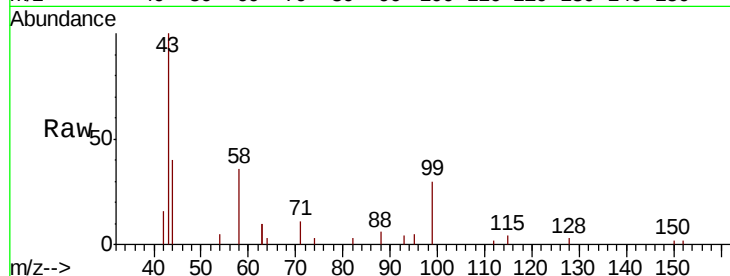
Tot Ion: 99 Resp: 1872

Ion Ratio Lower Upper

99 100

42 24.4 13.0 19.6#

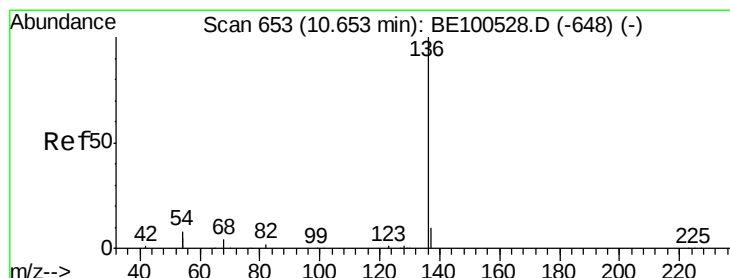
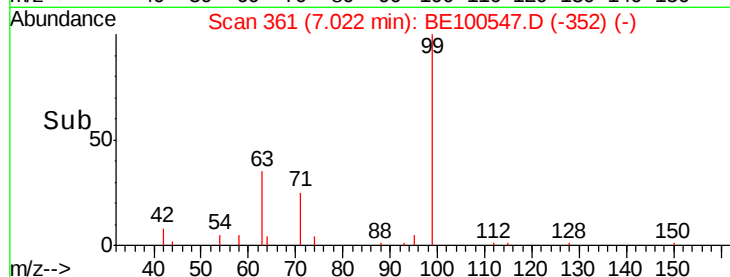
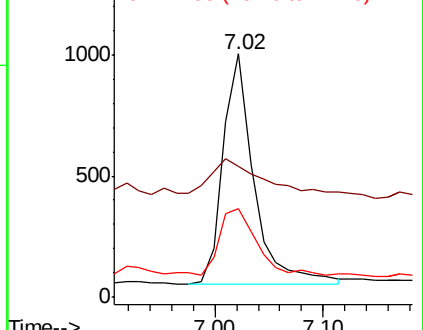
71 34.8 23.4 35.0



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: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

Tgt Ion: 136 Resp: 26708

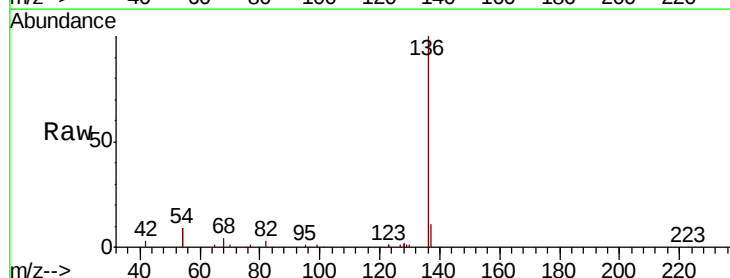
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 17.7 12.4 18.6

68 4.4 3.3 4.9

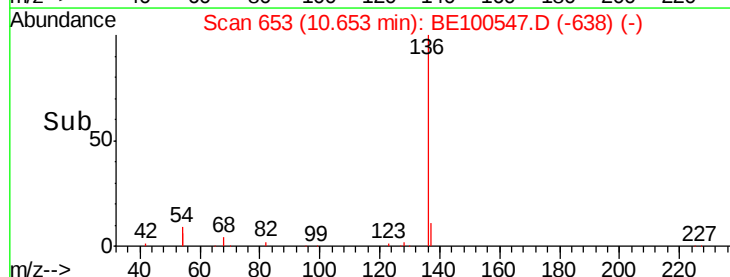
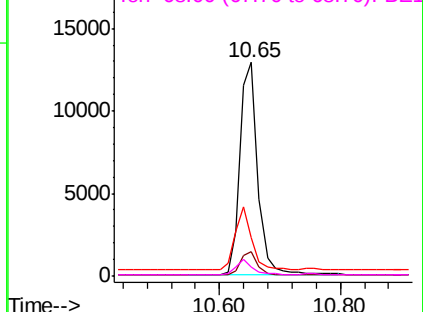


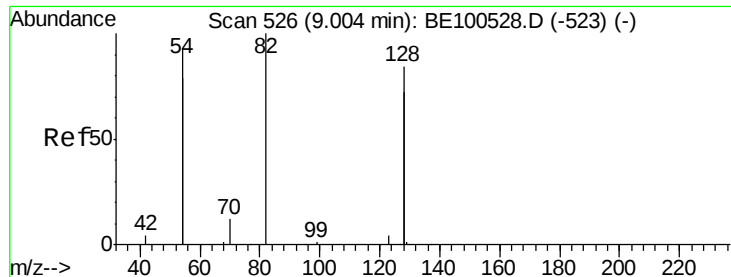
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.405 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190916

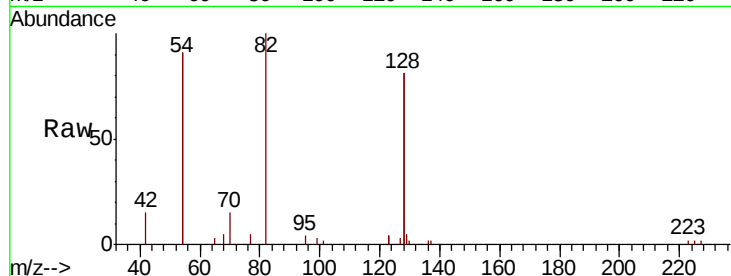
Tot Ion: 82 Resp: 6239

Ion Ratio Lower Upper

82 100

128 162.3 129.4 194.2

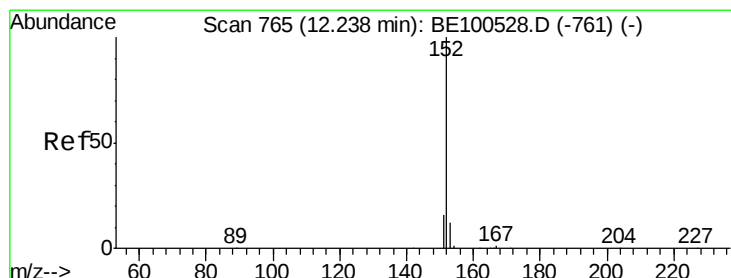
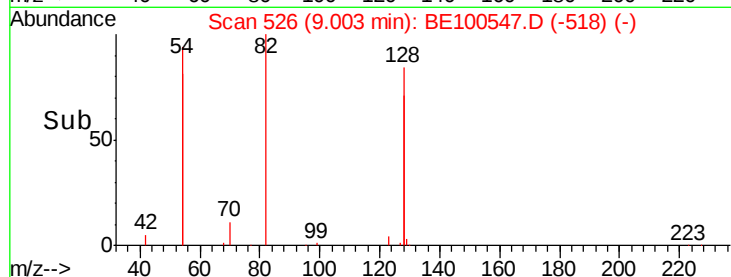
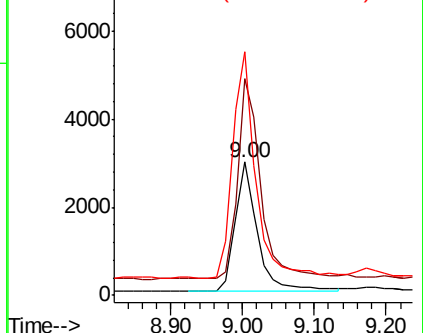
54 182.6 143.3 214.9



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: 0.401 ng

RT: 12.24 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE100547.D

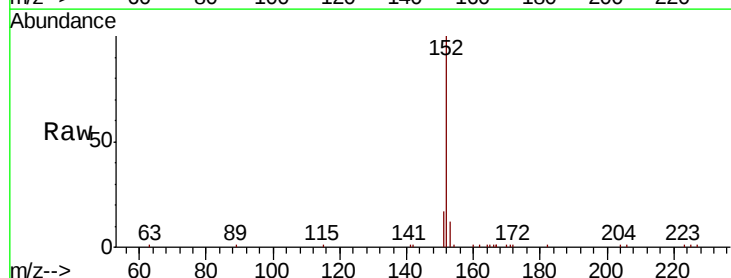
Acq: 23 Sep 2019 19:58

Tgt Ion: 152 Resp: 16035

Ion Ratio Lower Upper

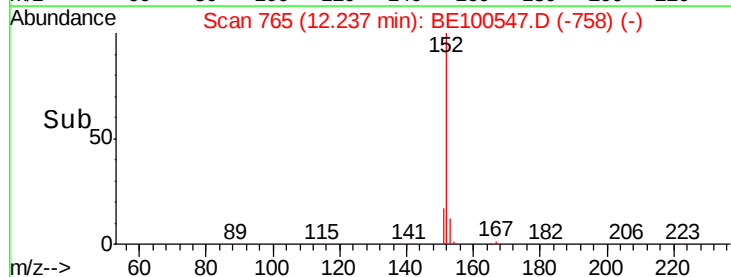
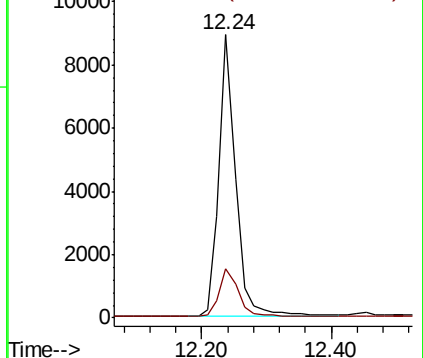
152 100

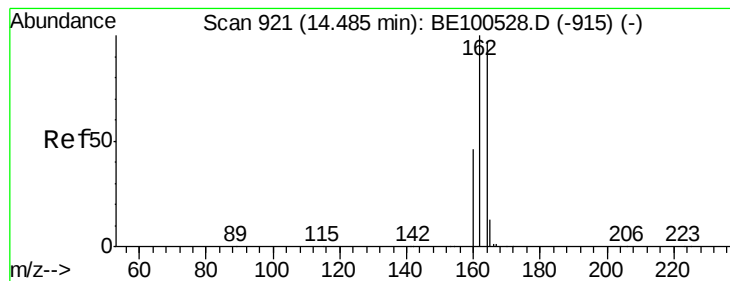
151 19.0 15.3 22.9



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: 14.48 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190916

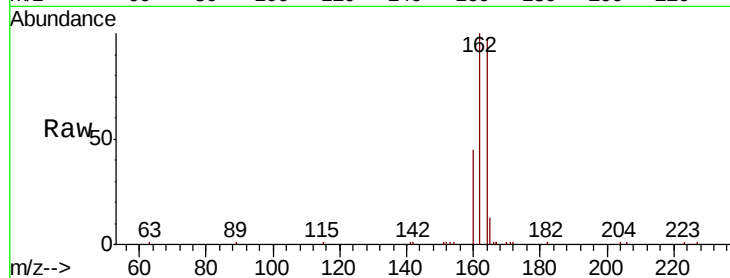
Tot Ion:164 Resp: 14641

Ion Ratio Lower Upper

164 100

162 103.6 82.1 123.1

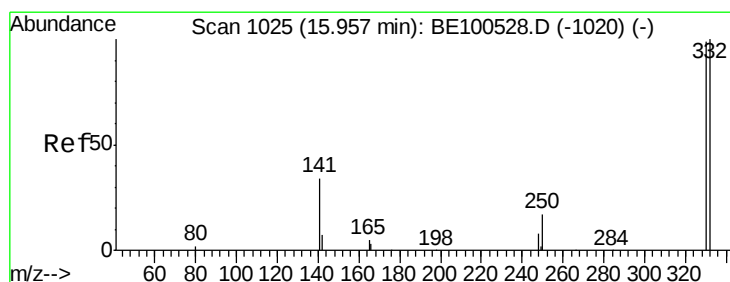
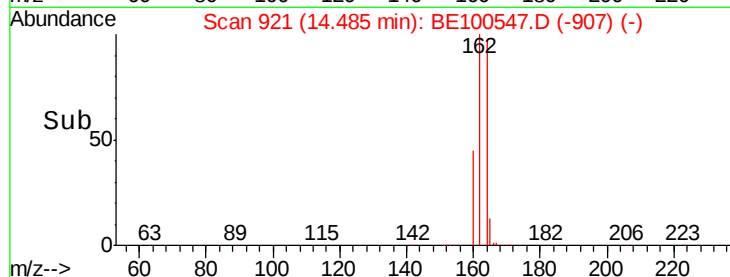
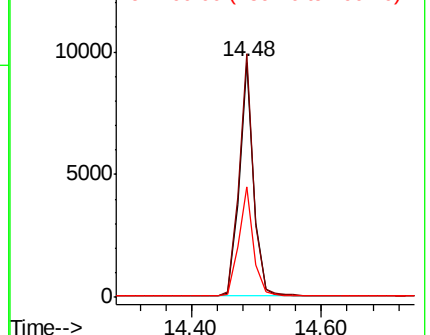
160 46.9 37.6 56.4



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: 0.294 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

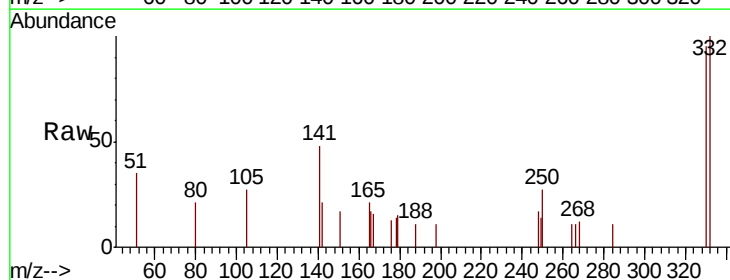
Tgt Ion:330 Resp: 696

Ion Ratio Lower Upper

330 100

332 102.4 75.5 113.3

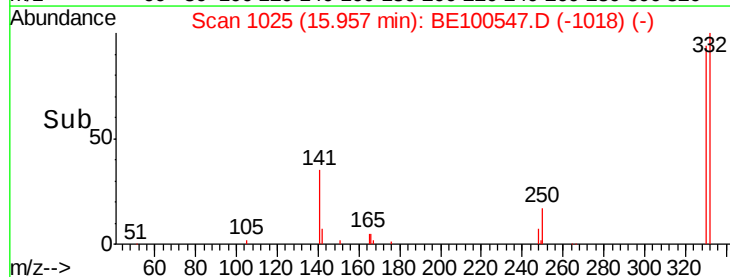
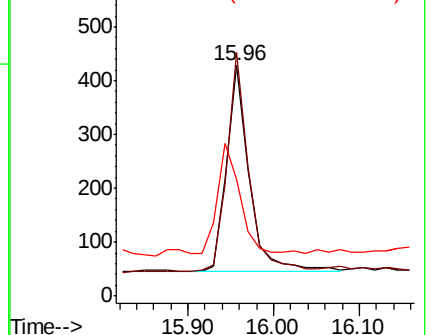
141 53.3 42.3 63.5

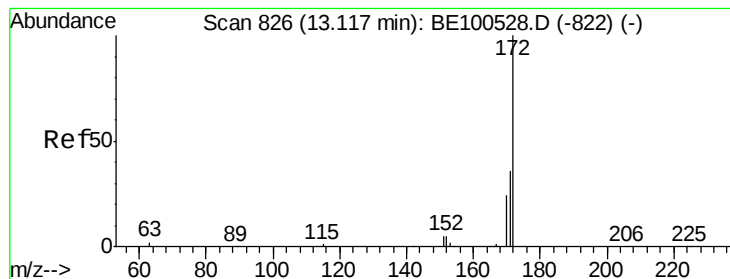


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.394 ng

RT: 13.12 min Scan# 826

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190916

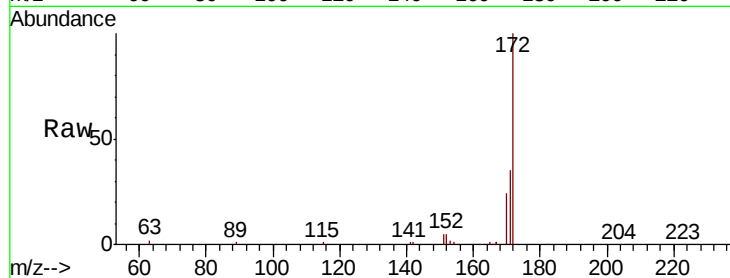
Tot Ion:172 Resp: 20594

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

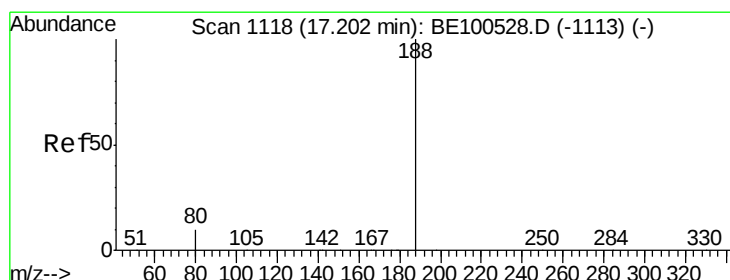
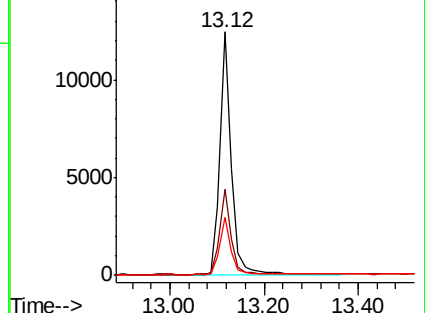
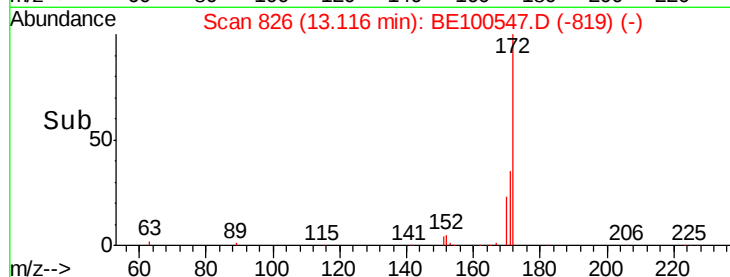
170 23.7 19.4 29.0



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: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

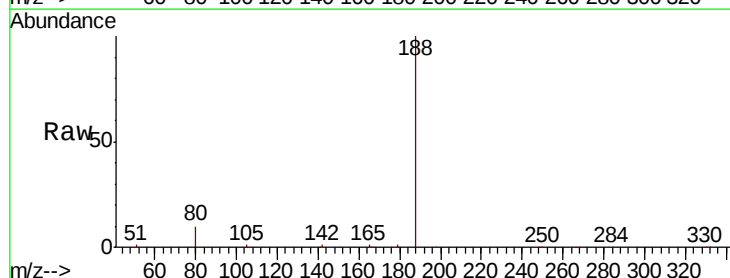
Tgt Ion:188 Resp: 31641

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

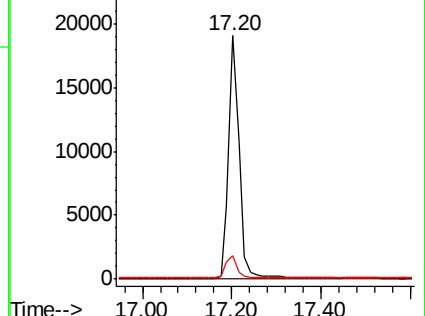
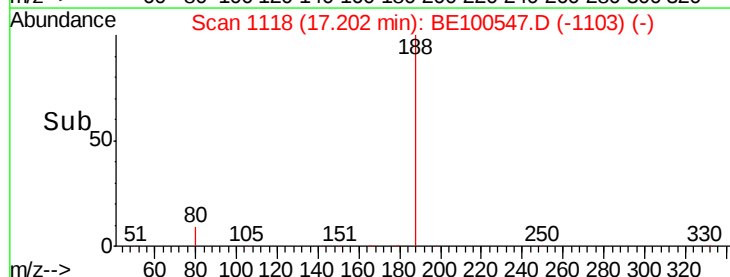
80 9.8 8.0 12.0

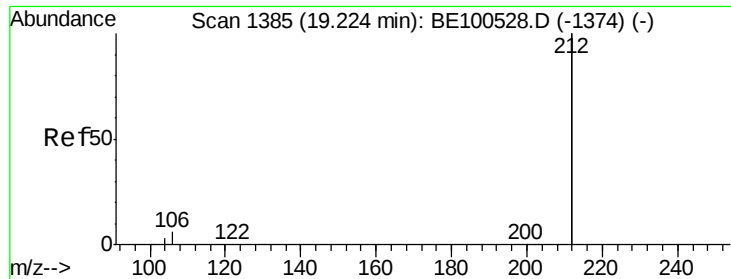


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#25

Fluoranthene-d10

Concen: 0.434 ng

RT: 19.23 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

Instrument :

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ClientSampleId :

KY038PS038-190916

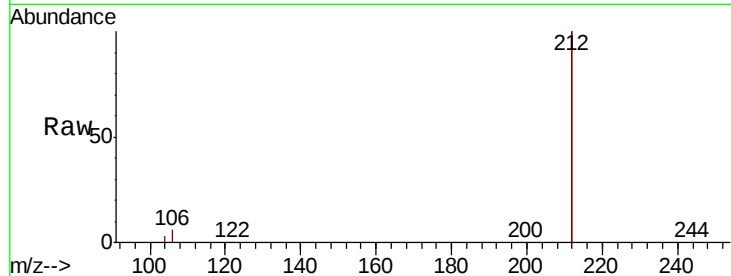
Tot Ion:212 Resp: 163190

Ion Ratio Lower Upper

212 100

106 2.9 2.3 3.5

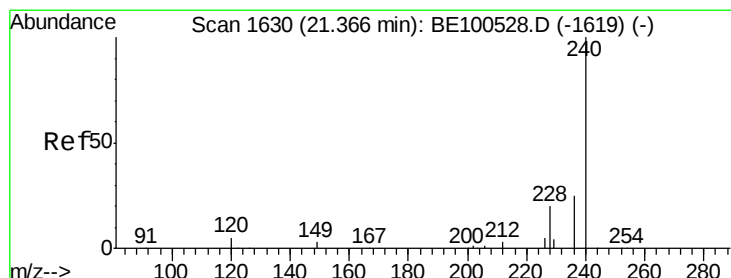
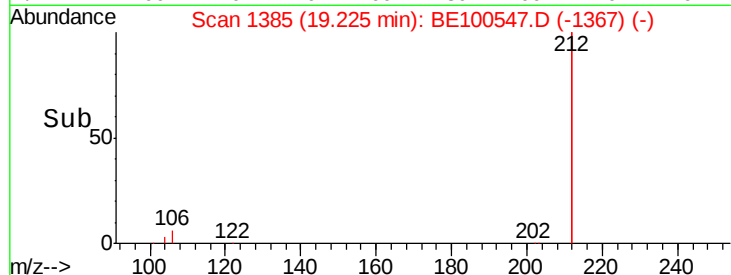
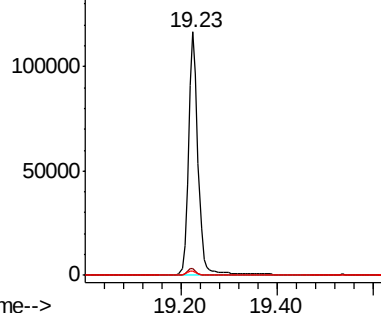
104 1.6 1.3 1.9



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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

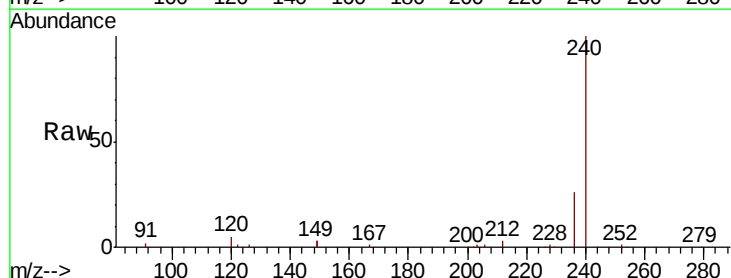
Tgt Ion:240 Resp: 39810

Ion Ratio Lower Upper

240 100

120 5.3 4.5 6.7

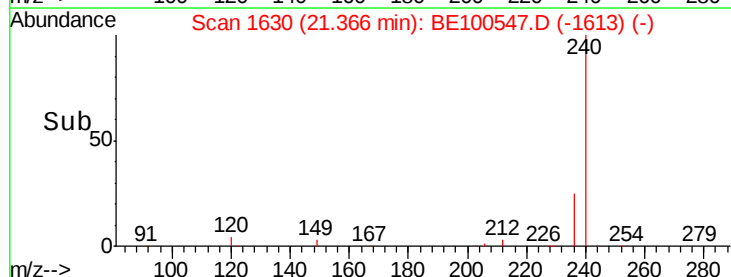
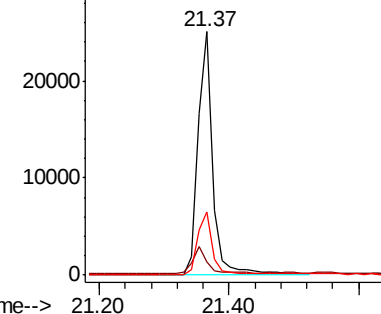
236 25.7 20.6 30.8

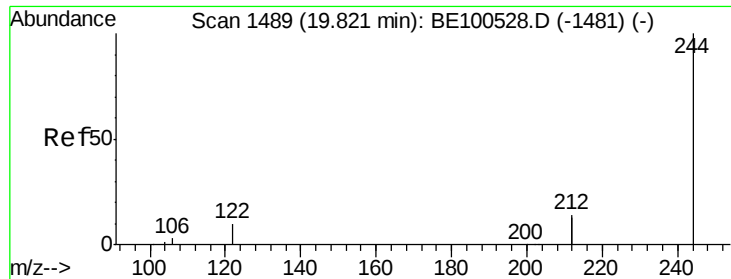


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.393 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

Instrument :

BNA_E

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KY038PS038-190916

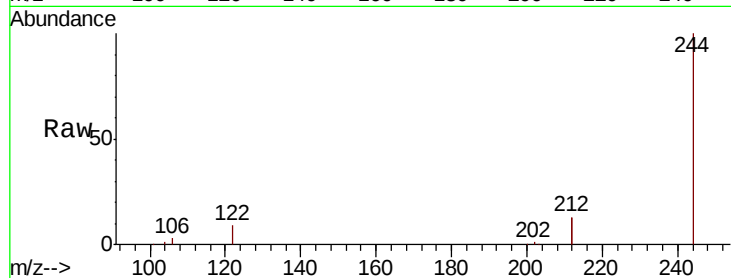
Tot Ion:244 Resp: 37054

Ion Ratio Lower Upper

244 100

212 27.0 22.2 33.2

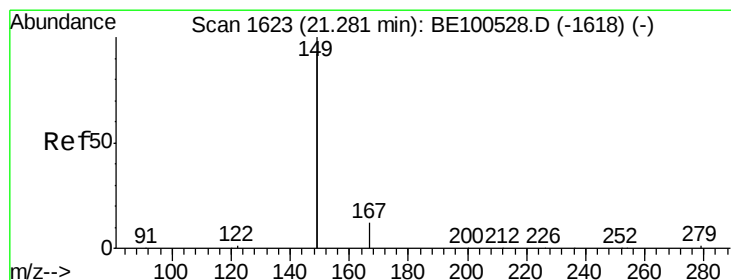
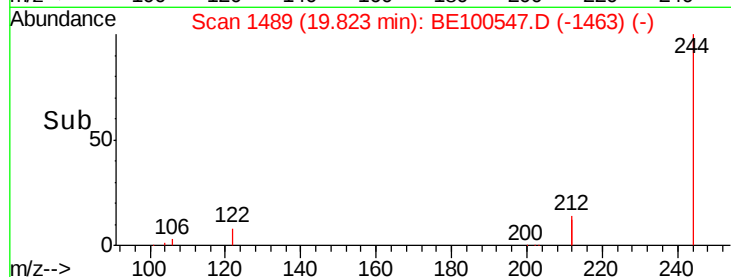
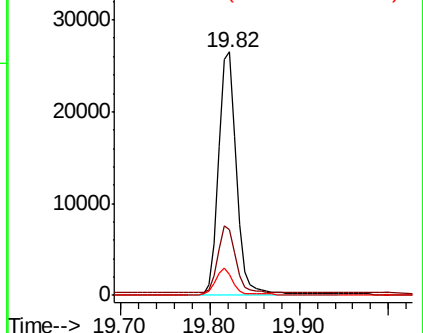
122 8.7 8.3 12.5



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: 0.193 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

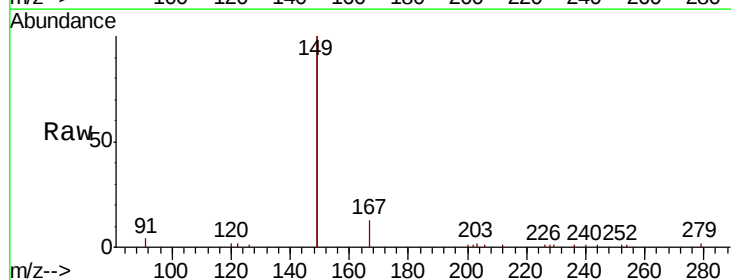
Tgt Ion:149 Resp: 22167

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

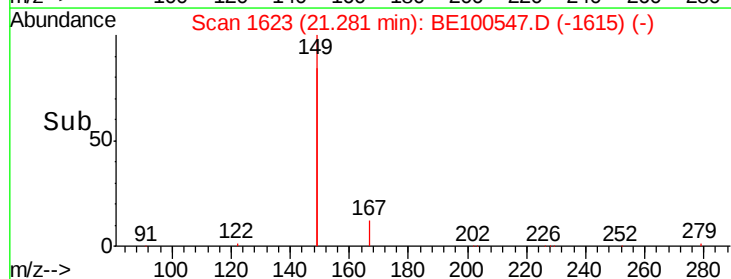
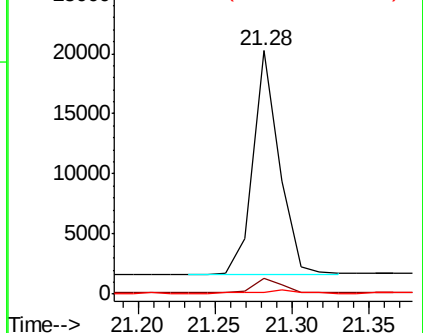
279 1.3 1.0 1.4

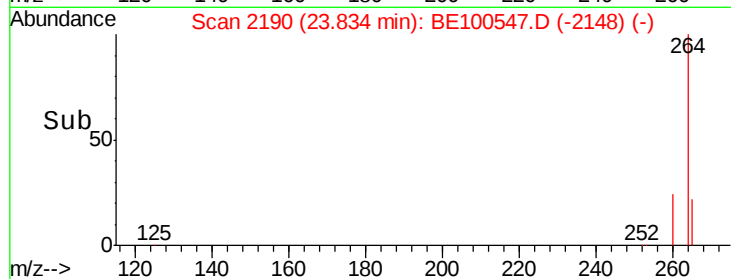
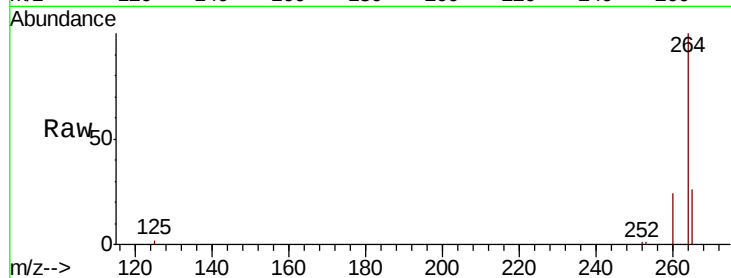
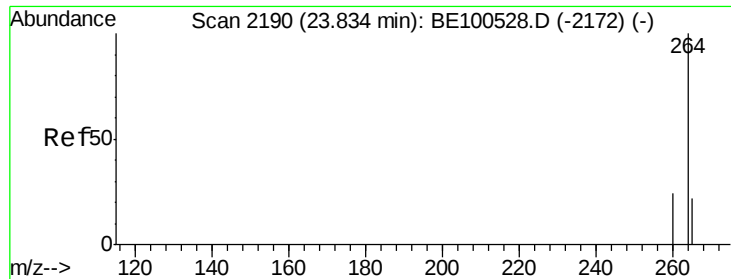


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlone-d12

Concen: 0.400 ng

RT: 23.83 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BE100547.D

Acq: 23 Sep 2019 19:58

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190916

Tot Ion:264 Resp: 47023

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 26.0 21.8 32.8

