

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100829.D
 Acq On : 11 Dec 2019 2:58
 Operator : JU
 Sample : K6184-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D1-20191204

Quant Time: Dec 11 05:42:50 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

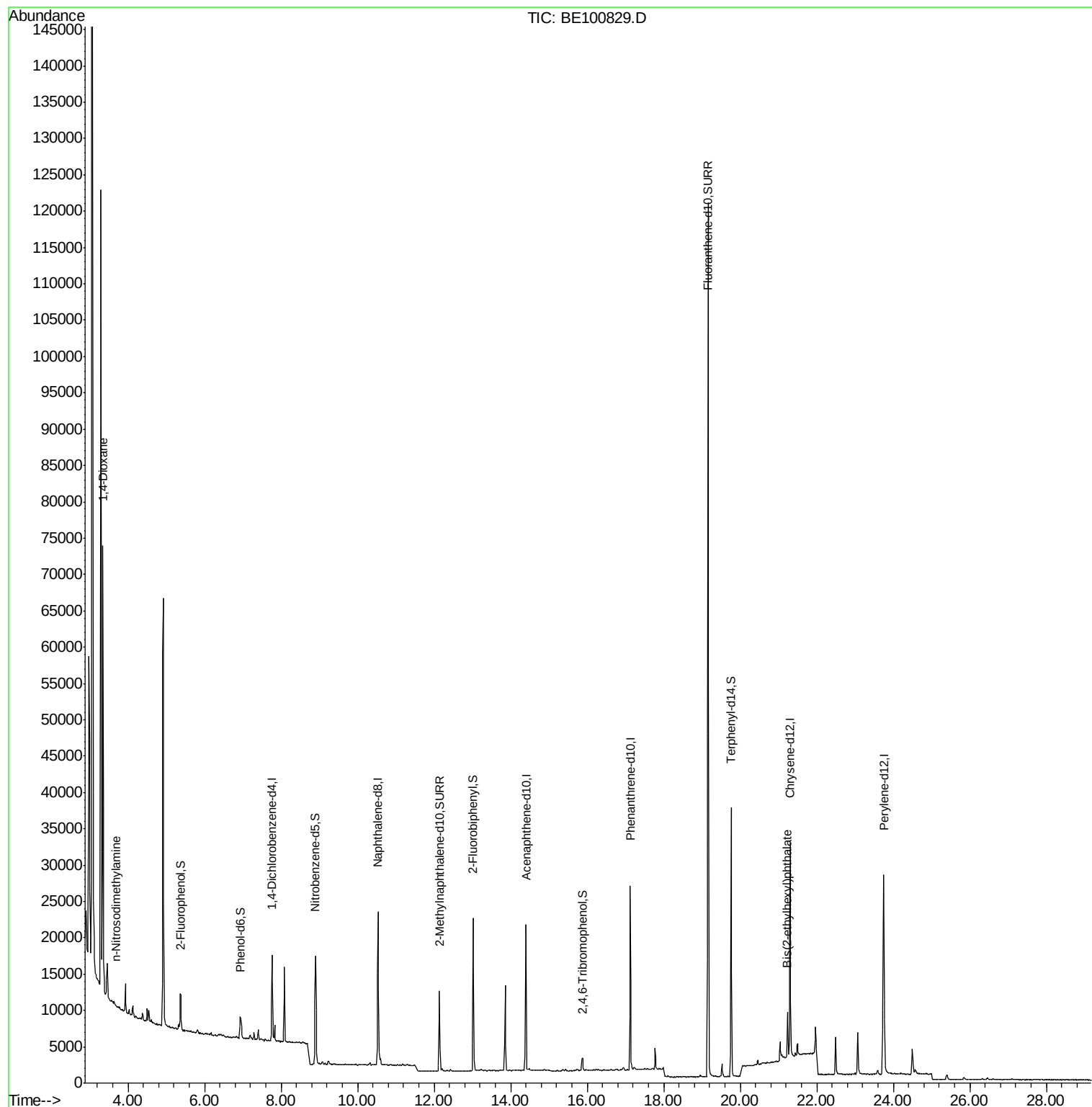
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5103	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23592	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13404	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	32524	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	28275	0.40	ng	0.00
34) Perylene-d12	23.74	264	36976	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2808	0.23	ng	0.00
5) Phenol-d6	6.93	99	2627	0.14	ng	0.00
8) Nitrobenzene-d5	8.90	82	6072	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14671	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1157	0.78	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	20505	0.39	ng	-0.01
25) Fluoranthene-d10	19.16	212	154666	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	30028	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	34685	3.728	ng	# 87
3) n-Nitrosodimethylamine	3.69	42	418	0.055	ng	# 5
32) Bis(2-ethylhexyl)phthalate	21.23	149	8593	0.103	ng	98

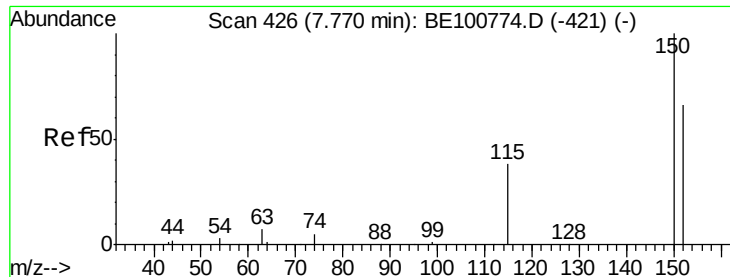
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100829.D

Acq: 11 Dec 2019 2:58

Instrument :

BNA_E

ClientSampleId :

RE104D1-20191204

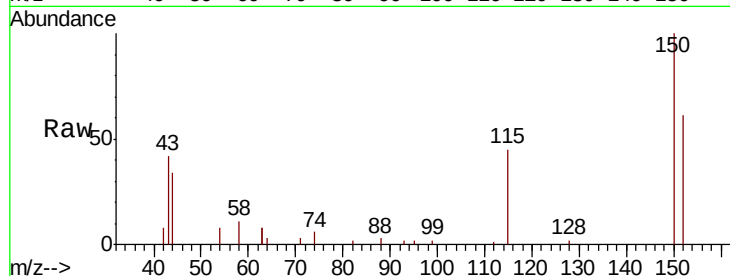
Tot Ion:152 Resp: 5103

Ion Ratio Lower Upper

152 100

150 163.5 120.6 181.0

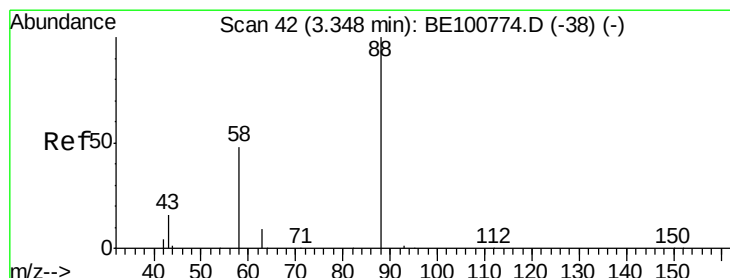
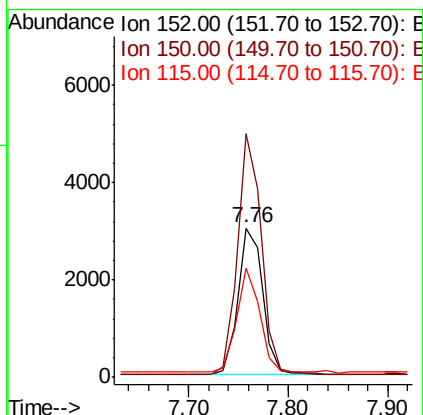
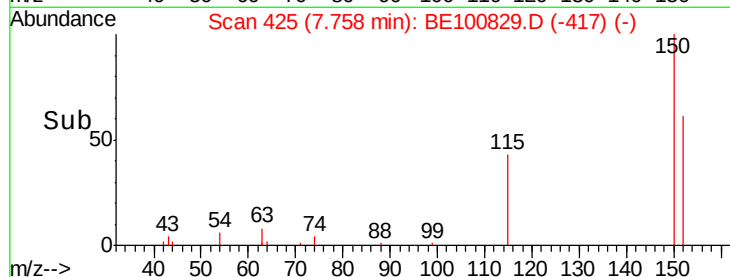
115 73.6 47.4 71.2#



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: 3.728 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100829.D

Acq: 11 Dec 2019 2:58

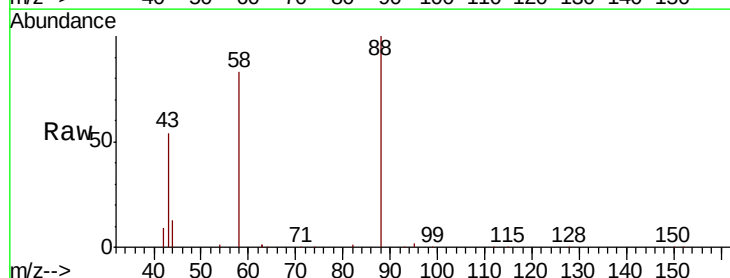
Tgt Ion: 88 Resp: 34685

Ion Ratio Lower Upper

88 100

58 75.4 52.5 78.7

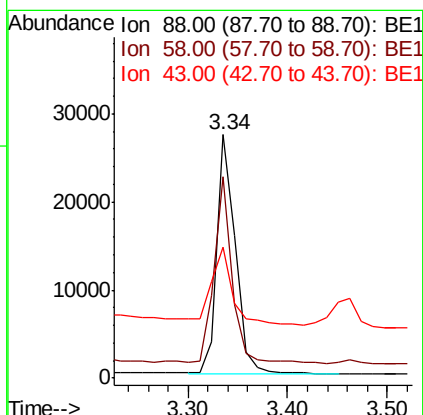
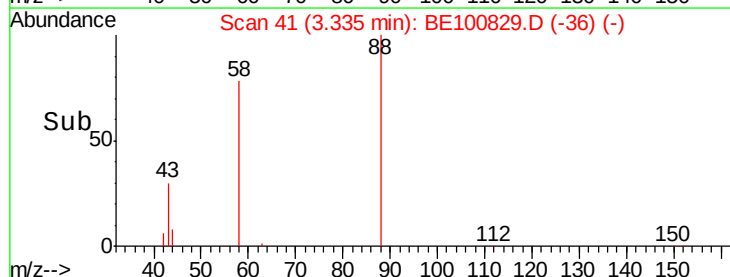
43 35.7 23.0 34.6#

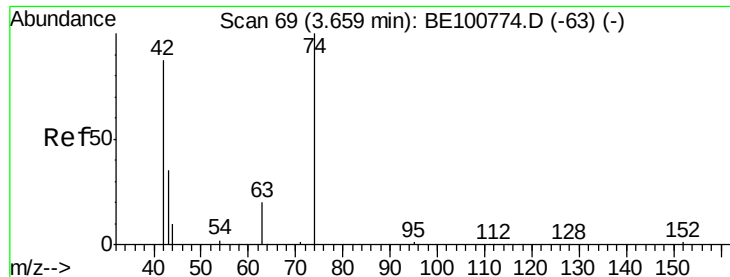


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.055 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.03 min

Lab File: BE100829.D

Acq: 11 Dec 2019 2:58

Instrument :

BNA_E

ClientSampleId :

RE104D1-20191204

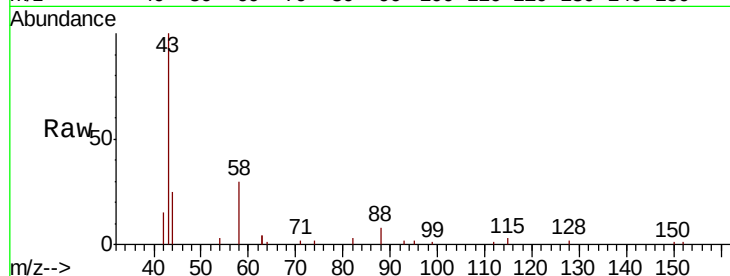
Tot Ion: 42 Resp: 418

Ion Ratio Lower Upper

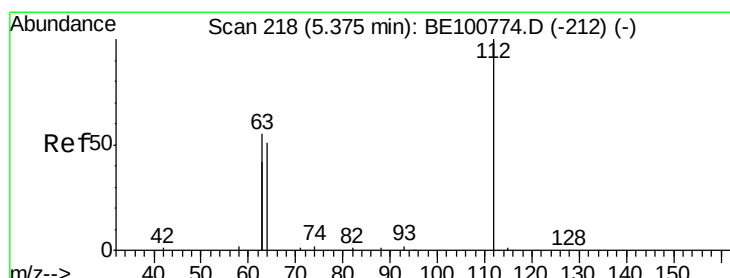
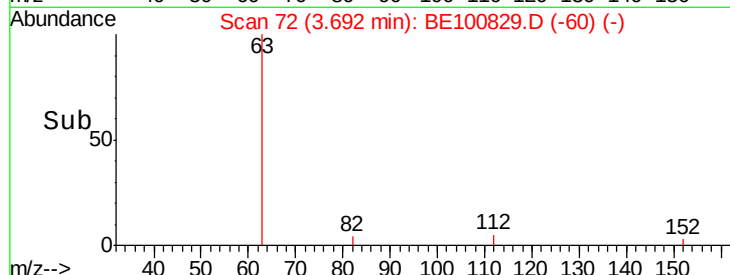
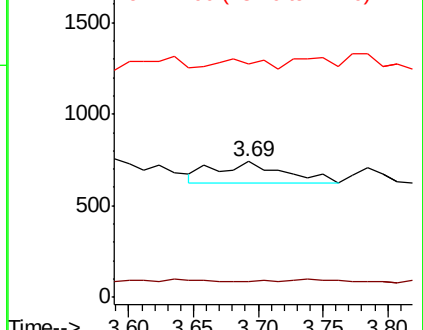
42 100

74 0.0 86.3 129.5#

44 29.7 11.6 17.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.232 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100829.D

Acq: 11 Dec 2019 2:58

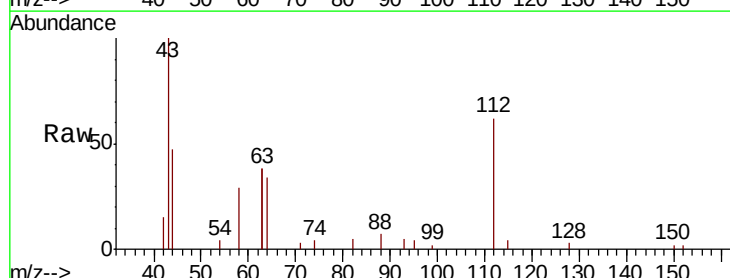
Tgt Ion: 112 Resp: 2808

Ion Ratio Lower Upper

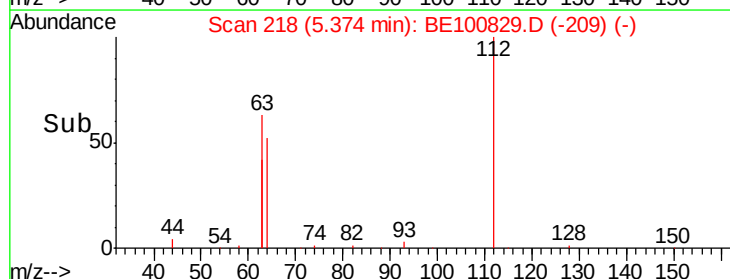
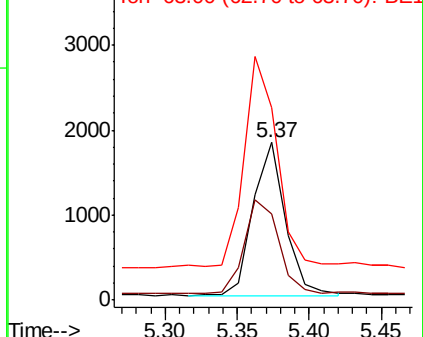
112 100

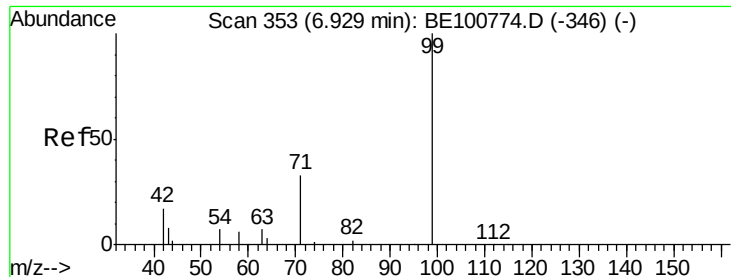
64 64.9 54.1 81.1

63 140.3 113.2 169.8



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: 0.144 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100829.D

Acq: 11 Dec 2019 2:58

Instrument :

BNA_E

ClientSampleId :

RE104D1-20191204

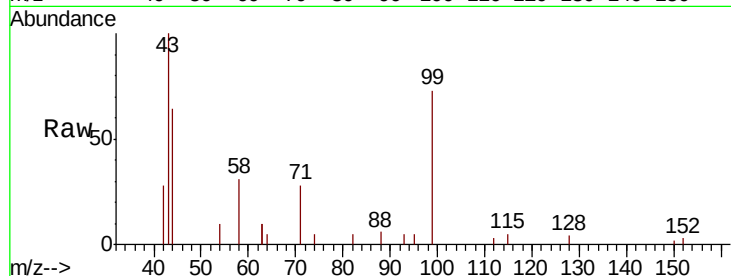
Tot Ion: 99 Resp: 2627

Ion Ratio Lower Upper

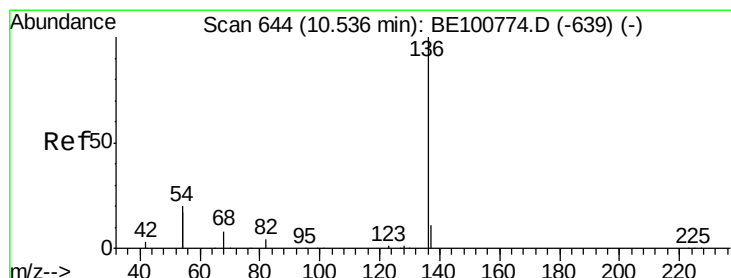
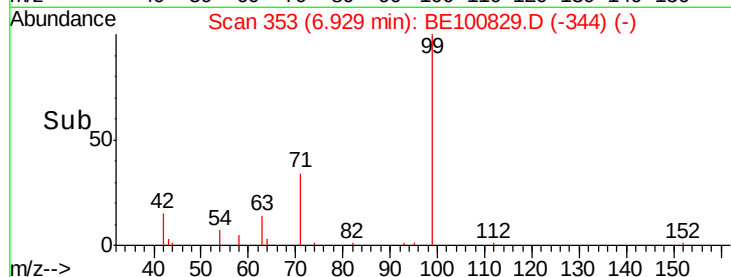
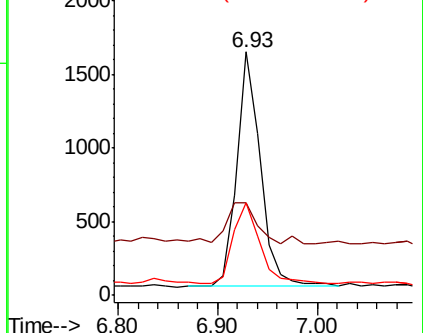
99 100

42 23.4 19.1 28.7

71 39.2 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: BE100829.D

Acq: 11 Dec 2019 2:58

Tgt Ion: 136 Resp: 23592

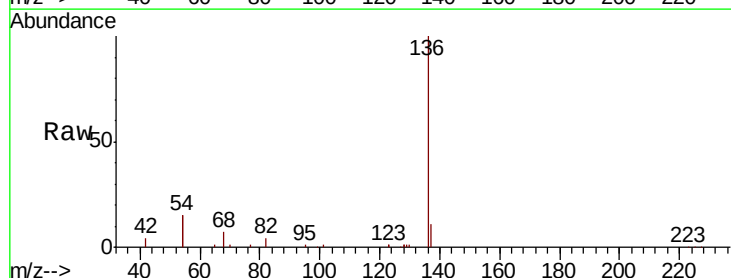
Ion Ratio Lower Upper

136 100

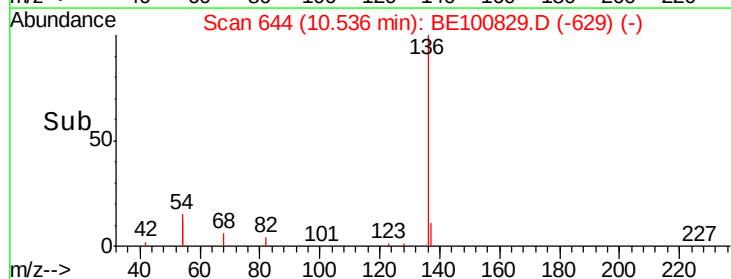
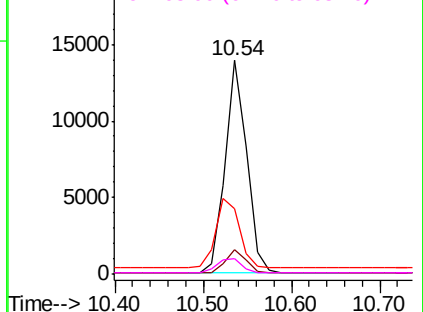
137 11.4 9.4 14.0

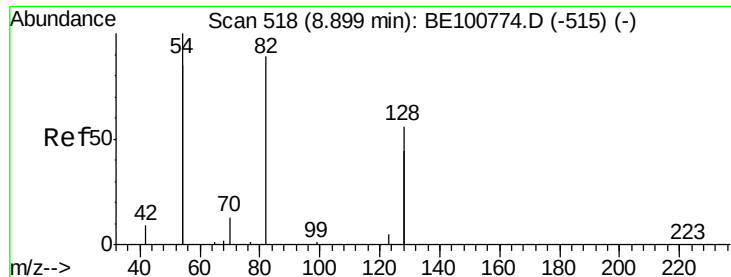
54 30.4 31.1 46.7#

68 7.0 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

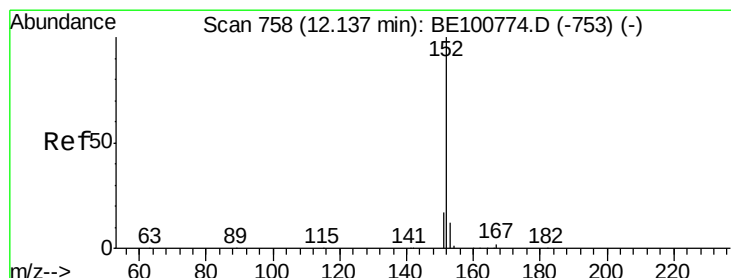
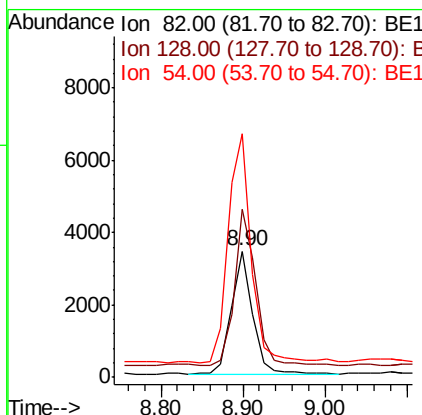
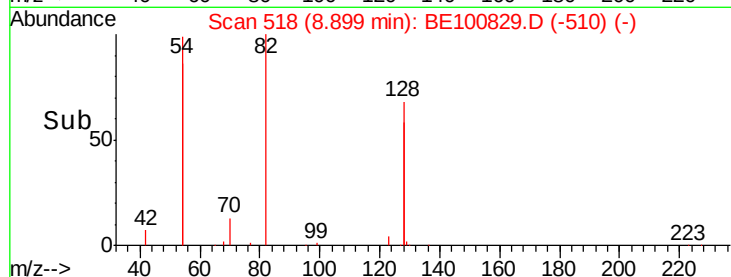
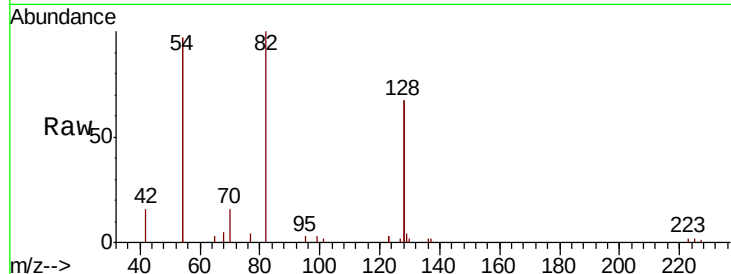




#8
 Nitrobenzene-d5
 Concen: 0.540 ng
 RT: 8.90 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BE100829.D
 Acq: 11 Dec 2019 2:58

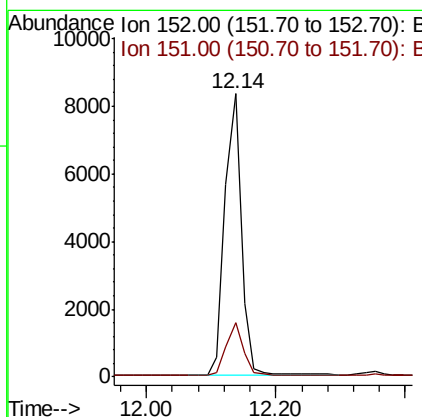
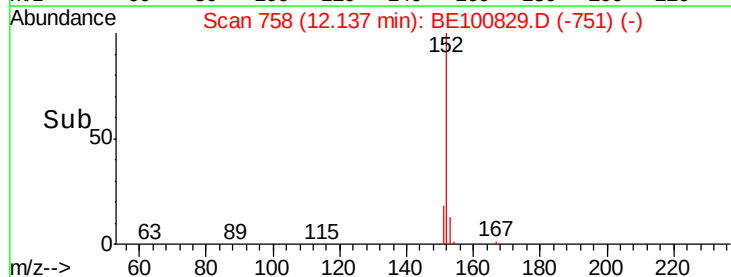
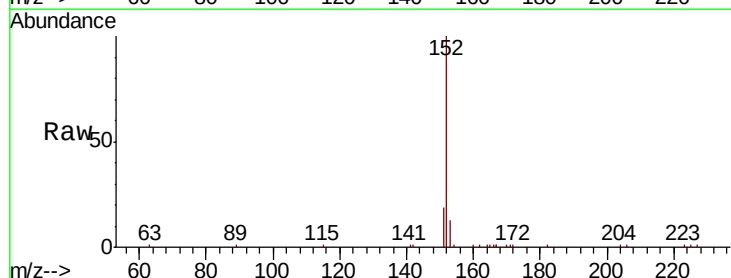
Instrument :
 BNA_E
 ClientSampleId :
 RE104D1-20191204

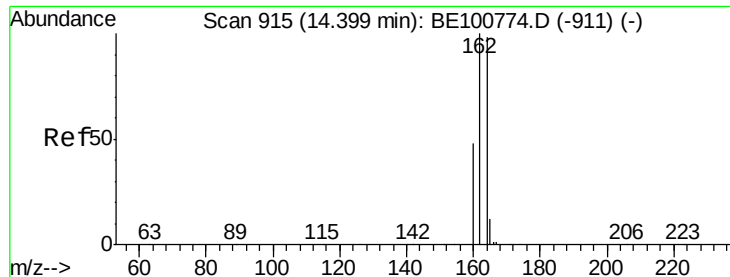
Tot Ion	Ratio	Lower	Upper
82	100		
128	133.0	97.0	145.4
54	193.3	171.8	257.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.429 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100829.D
 Acq: 11 Dec 2019 2:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.8	23.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100829.D

Acq: 11 Dec 2019 2:58

Instrument :

BNA_E

ClientSampleId :

RE104D1-20191204

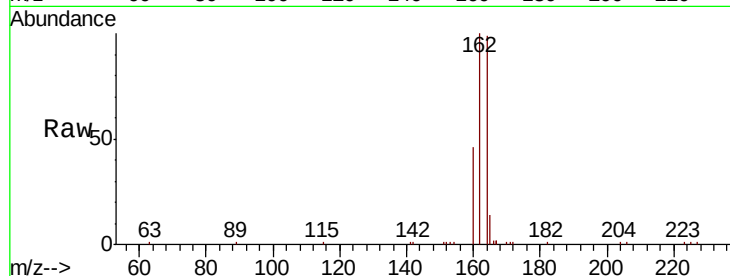
Tot Ion:164 Resp: 13404

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.0

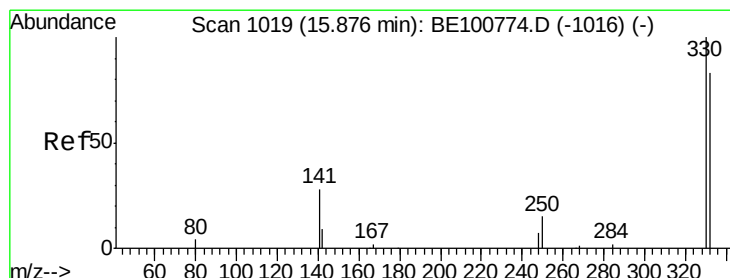
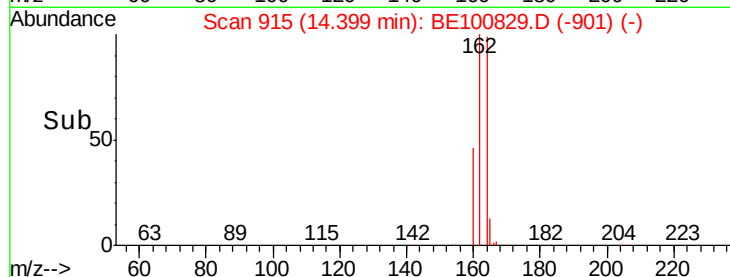
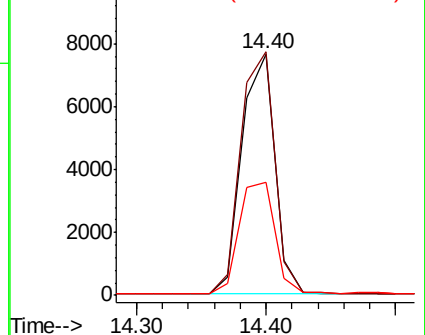
160 46.7 39.4 59.0



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

2,4,6-Tribromophenol

Concen: 0.776 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100829.D

Acq: 11 Dec 2019 2:58

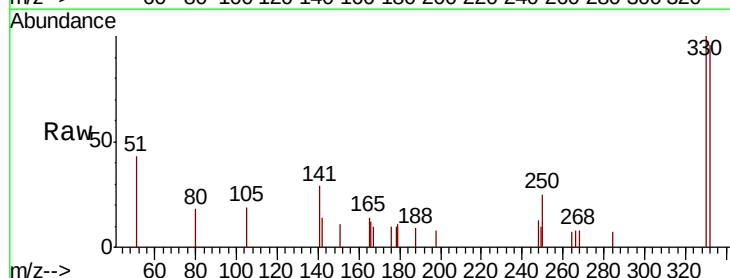
Tgt Ion:330 Resp: 1157

Ion Ratio Lower Upper

330 100

332 94.9 69.4 104.2

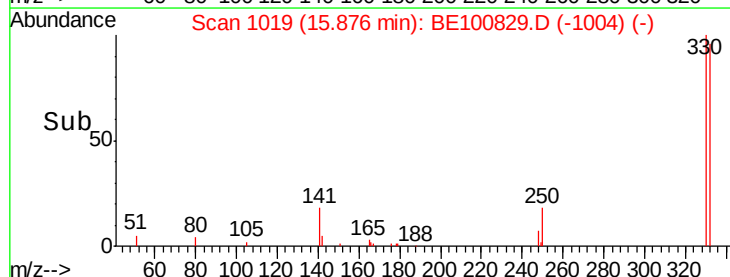
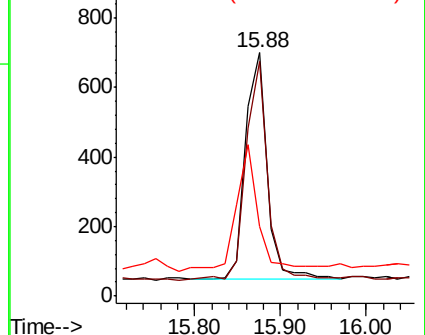
141 55.7 51.1 76.7

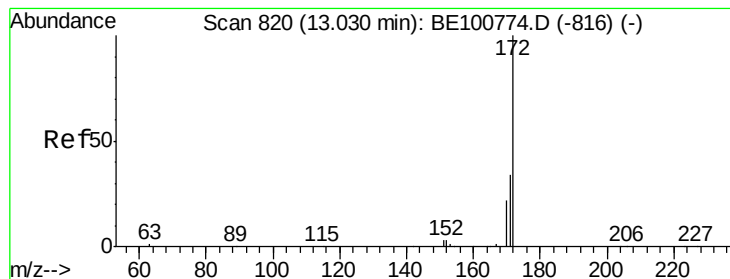


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

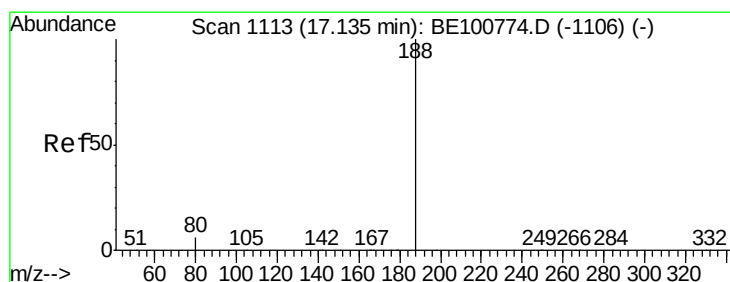
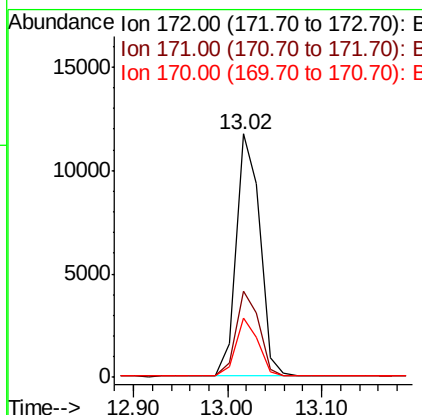
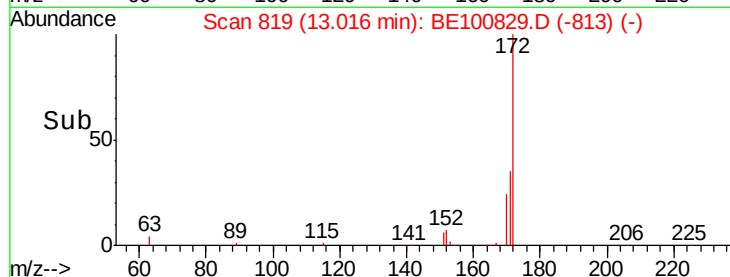
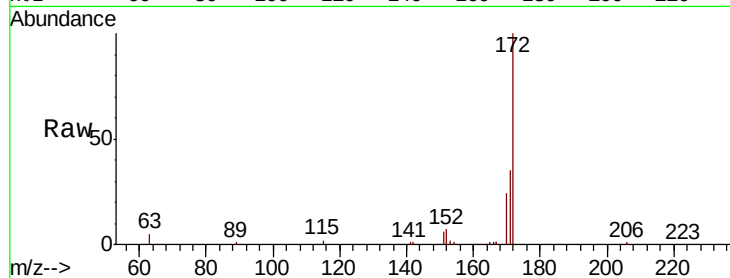




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100829.D
Acq: 11 Dec 2019 2:58

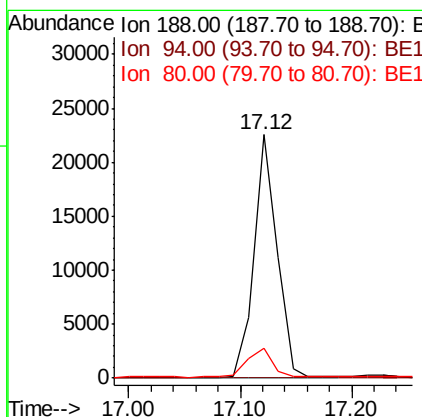
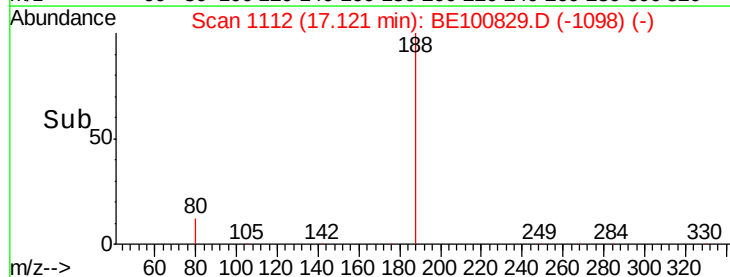
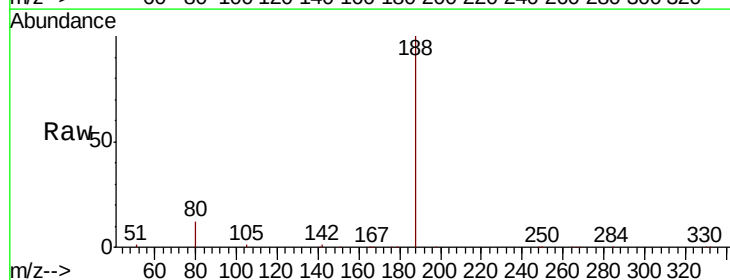
Instrument :
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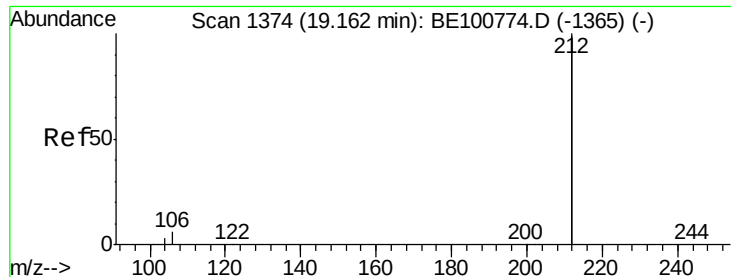
Tot Ion:172 Resp: 20505
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 24.4 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100829.D
Acq: 11 Dec 2019 2:58

Tgt Ion:188 Resp: 32524
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 5.2 7.8#





#25

Fluoranthene-d10

Concen: 0.402 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100829.D

Acq: 11 Dec 2019 2:58

Instrument :

BNA_E

ClientSampleId :

RE104D1-20191204

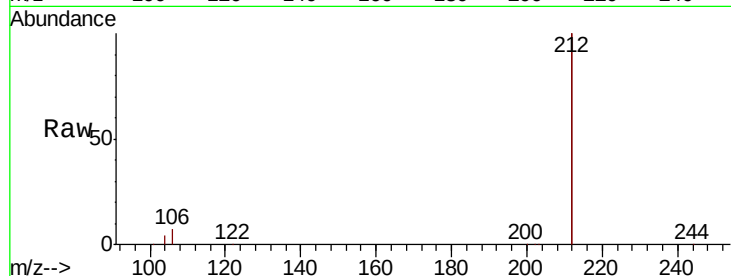
Tot Ion:212 Resp: 154666

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

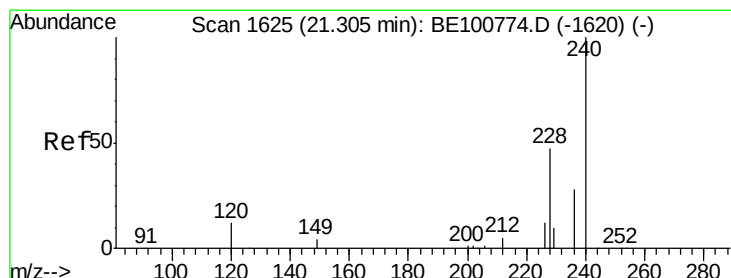
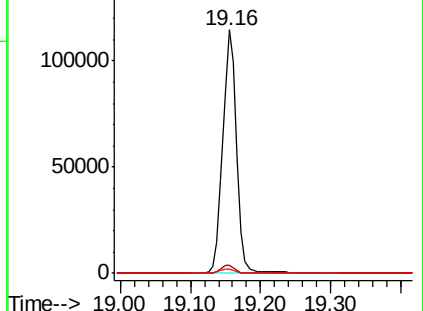
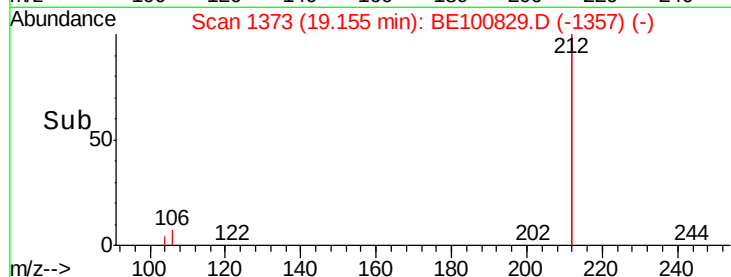
104 1.8 1.4 2.2



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: BE100829.D

Acq: 11 Dec 2019 2:58

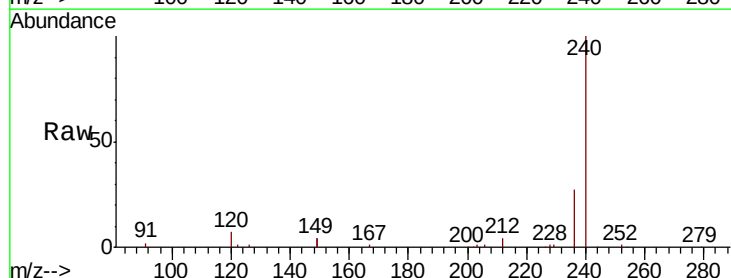
Tgt Ion:240 Resp: 28275

Ion Ratio Lower Upper

240 100

120 6.8 10.2 15.2#

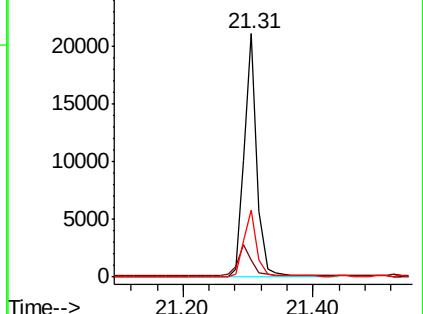
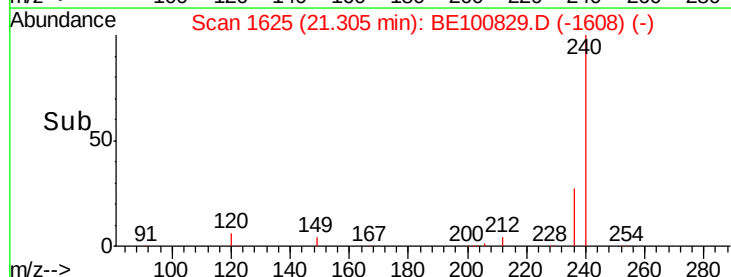
236 27.3 22.3 33.5

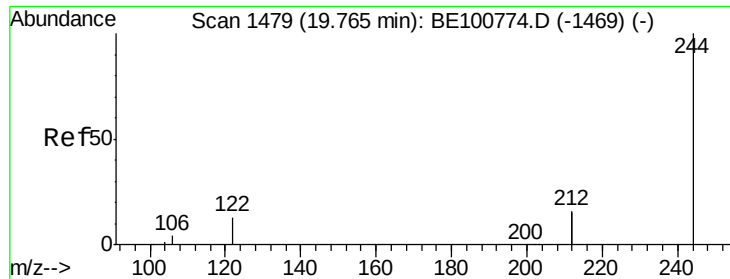


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.443 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100829.D

Acq: 11 Dec 2019 2:58

Instrument :

BNA_E

ClientSampleId :

RE104D1-20191204

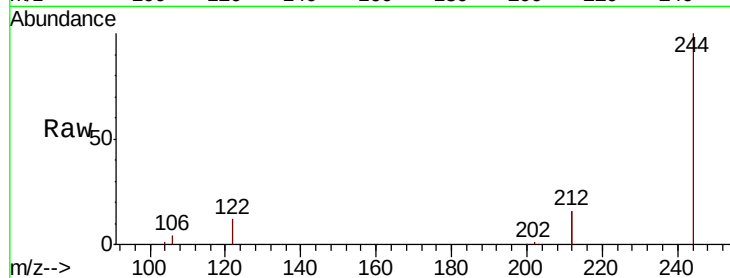
Tot Ion:244 Resp: 30028

Ion Ratio Lower Upper

244 100

212 31.2 26.2 39.4

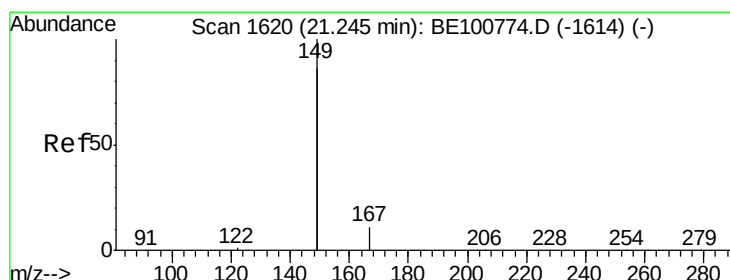
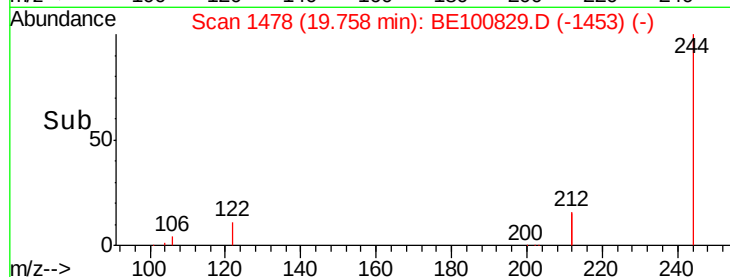
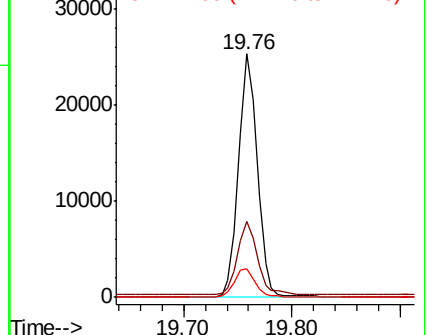
122 11.7 10.2 15.4



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: 0.103 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100829.D

Acq: 11 Dec 2019 2:58

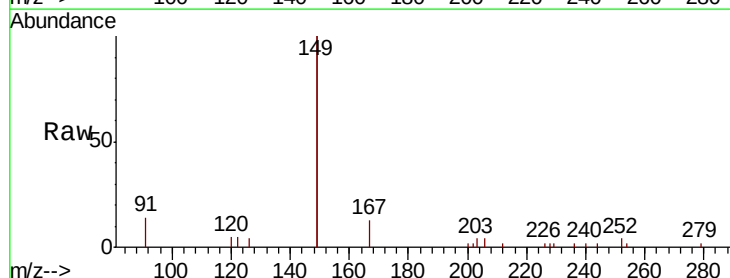
Tgt Ion:149 Resp: 8593

Ion Ratio Lower Upper

149 100

167 7.1 5.0 7.6

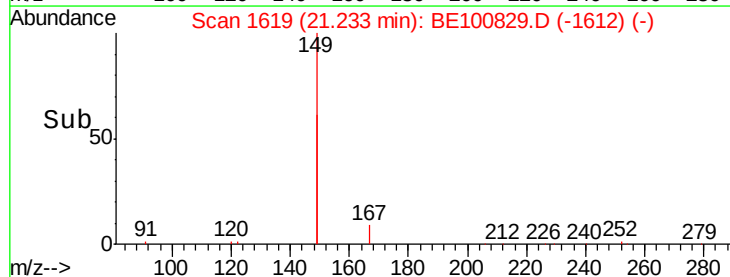
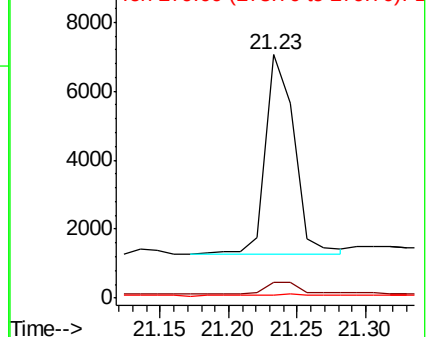
279 1.1 0.7 1.1

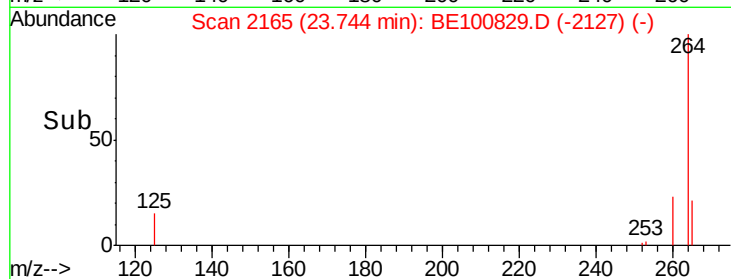
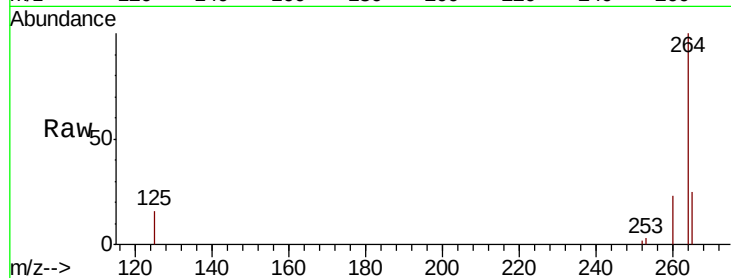
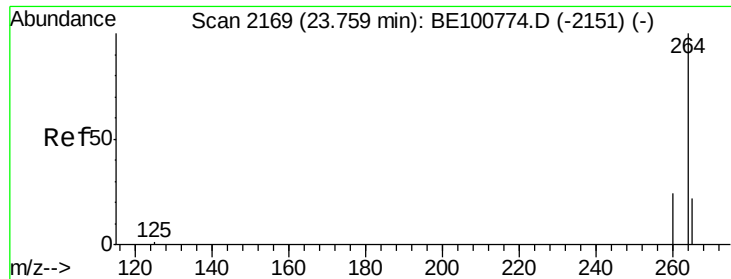


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.02 min

Lab File: BE100829.D

Acq: 11 Dec 2019 2:58

Instrument :

BNA_E

ClientSampleId :

RE104D1-20191204

Tot Ion: 264 Resp: 36976

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 24.5 21.8 32.8

