

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100621.D
 Acq On : 8 Oct 2019 22:45
 Operator : JU
 Sample : K5129-04DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:46:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:42:20 2019
 Response via : Initial Calibration

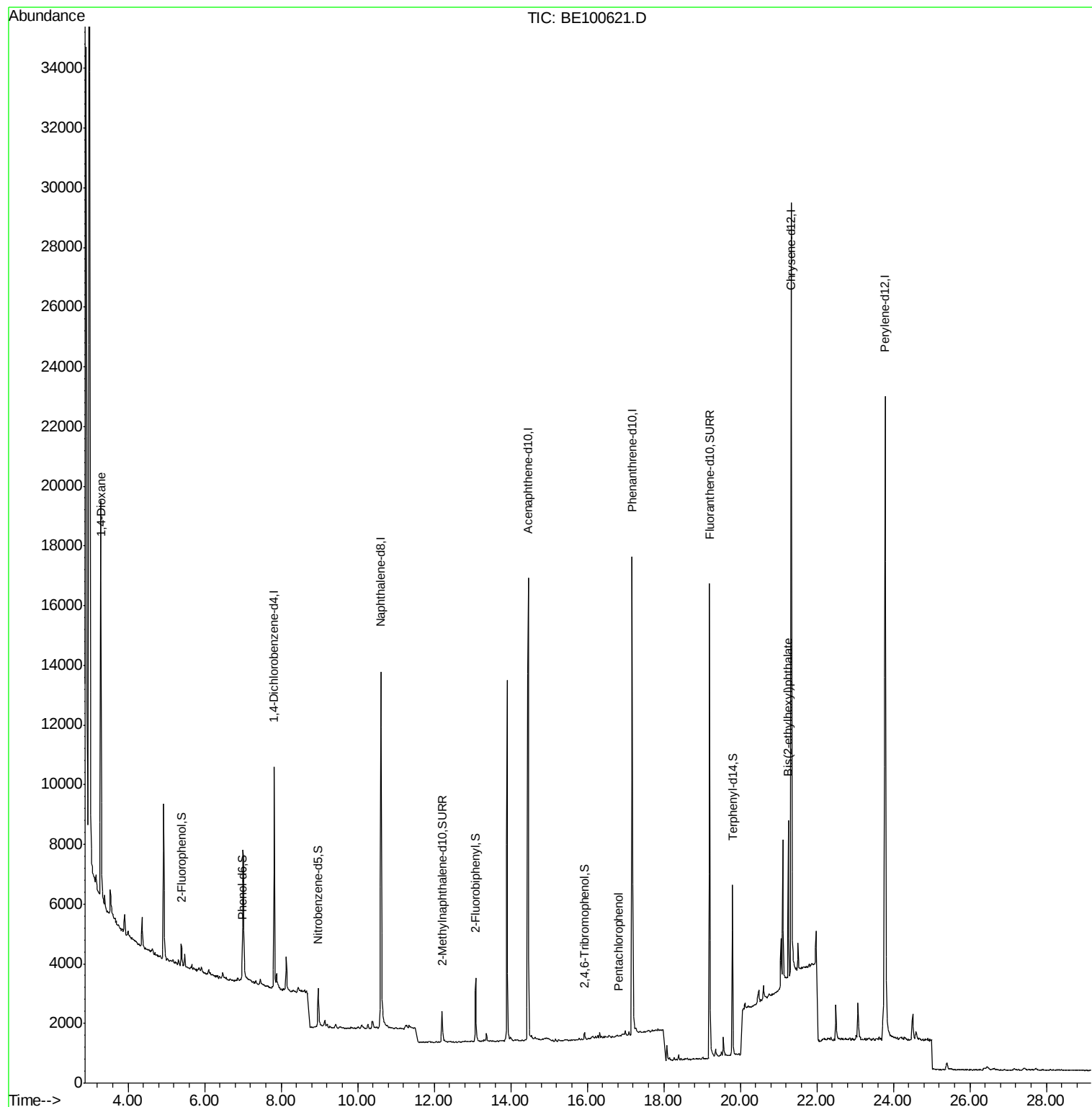
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3704	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	17135	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10392	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	23622	0.40	ng	0.00
27) Chrysene-d12	21.33	240	29147	0.40	ng	0.00
34) Perylene-d12	23.78	264	32859	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	520	0.05	ng	0.00
5) Phenol-d6	6.98	99	485	0.04	ng	-0.01
8) Nitrobenzene-d5	8.96	82	647	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1805	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	156	0.07	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2479	0.07	ng	0.00
25) Fluoranthene-d10	19.20	212	22518	0.08	ng	0.00
29) Terphenyl-d14	19.79	244	5214	0.08	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	10908	1.748	ng	# 90
22) Pentachlorophenol	16.83	266	23	0.343	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.26	149	5620	0.036	ng	# 99

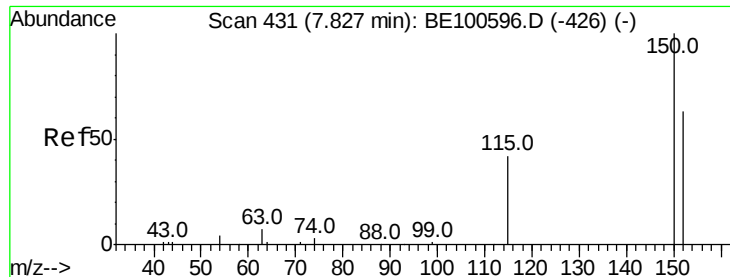
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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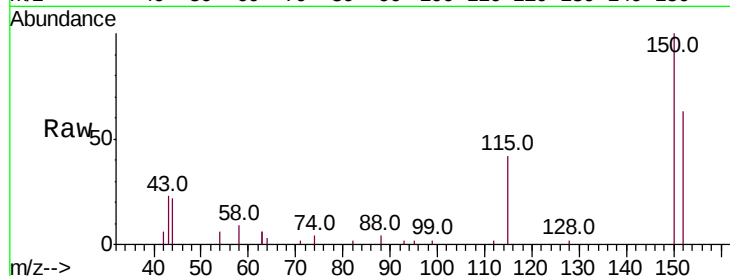


#1

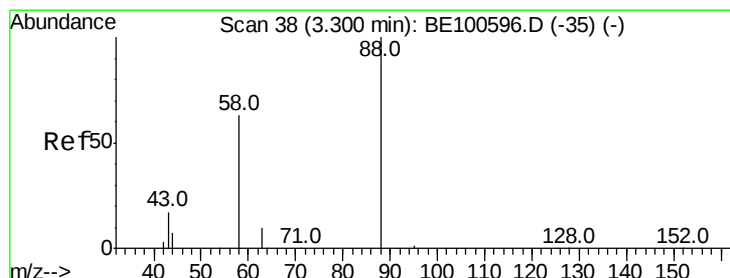
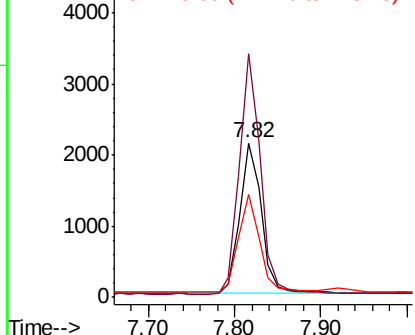
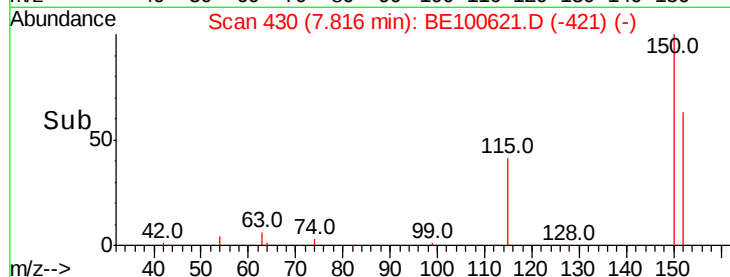
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE100621.D
Acq: 8 Oct 2019 22:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3704
Ion Ratio Lower Upper
152 100
150 158.1 126.5 189.7
115 66.9 54.6 81.8



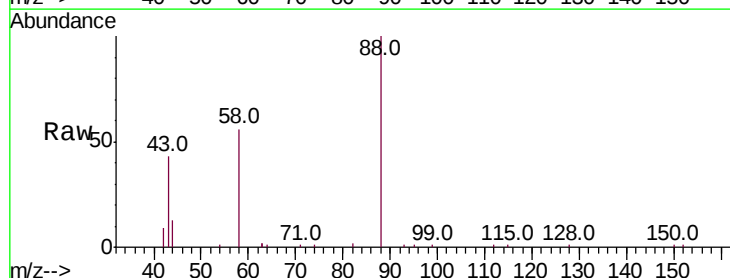
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



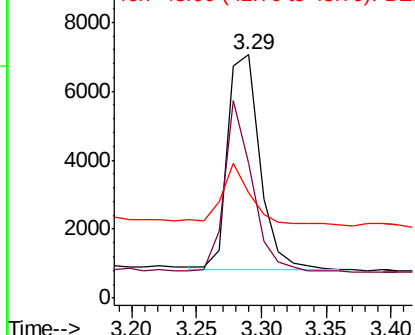
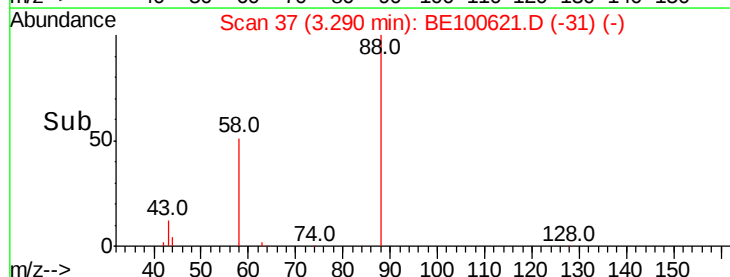
#2

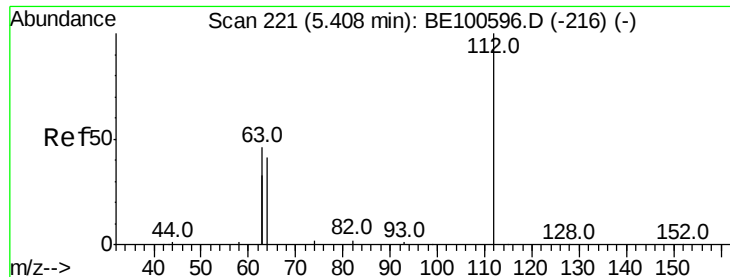
1,4-Dioxane
Concen: 1.748 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE100621.D
Acq: 8 Oct 2019 22:45

Tgt Ion: 88 Resp: 10908
Ion Ratio Lower Upper
88 100
58 66.7 48.1 72.1
43 23.8 14.4 21.6#



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: 0.052 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE100621.D

Acq: 8 Oct 2019 22:45

Instrument :

BNA_E

ClientSampled :

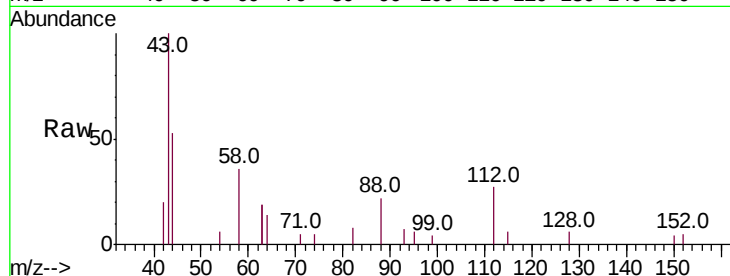
Tot Ion:112 Resp: 520

Ion Ratio Lower Upper

112 100

64 53.1 43.7 65.5

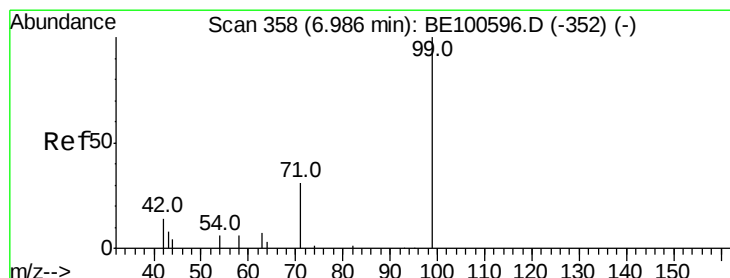
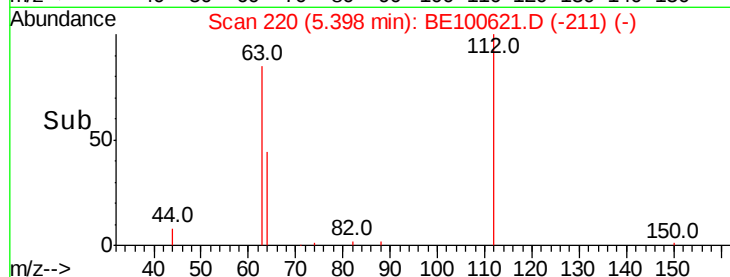
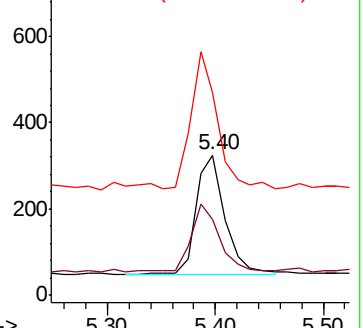
63 104.8 84.5 126.7



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: 0.039 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE100621.D

Acq: 8 Oct 2019 22:45

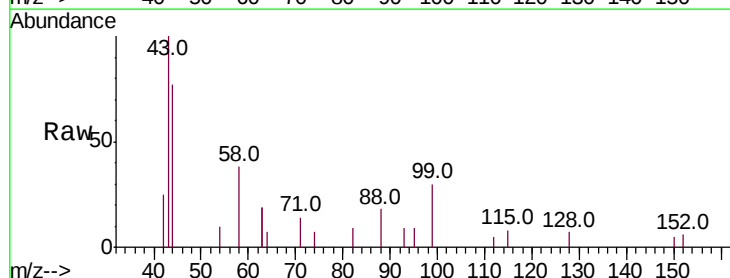
Tgt Ion: 99 Resp: 485

Ion Ratio Lower Upper

99 100

42 0.0 11.7 17.5#

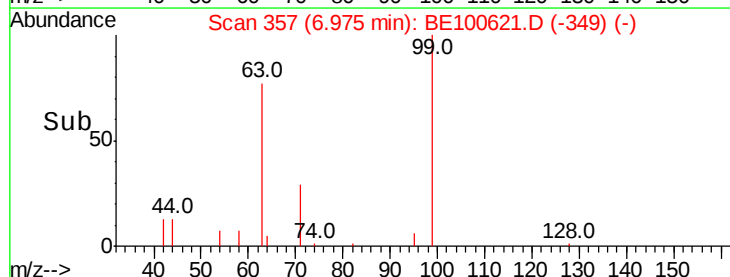
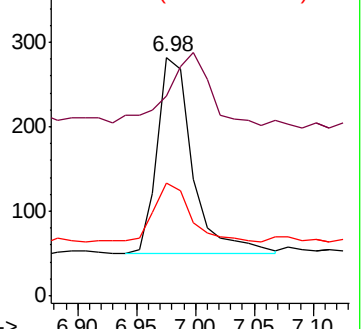
71 33.6 23.0 34.4

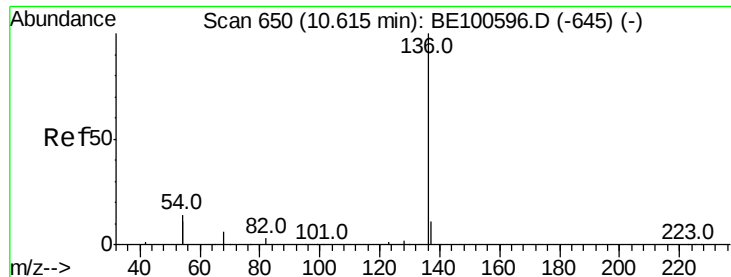


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100621.D

Acq: 8 Oct 2019 22:45

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17135

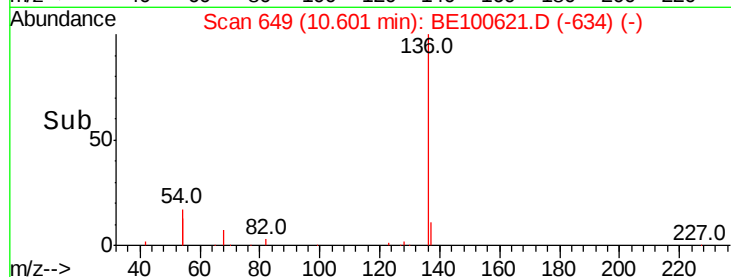
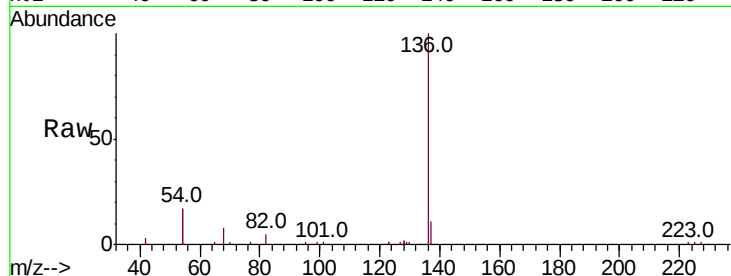
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 33.4 22.4 33.6

68 7.7 5.2 7.8

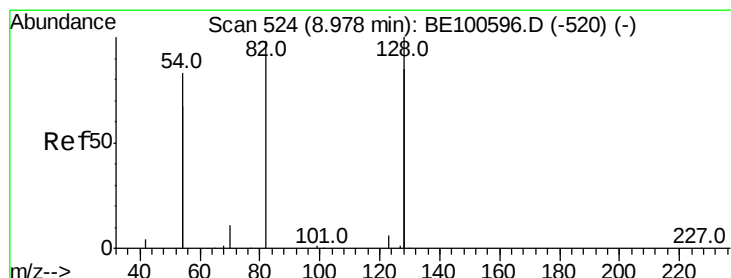
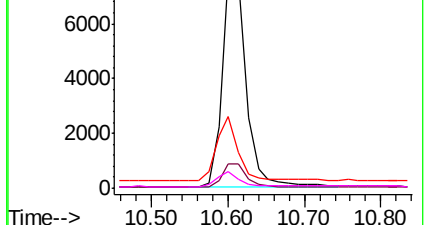


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.060 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100621.D

Acq: 8 Oct 2019 22:45

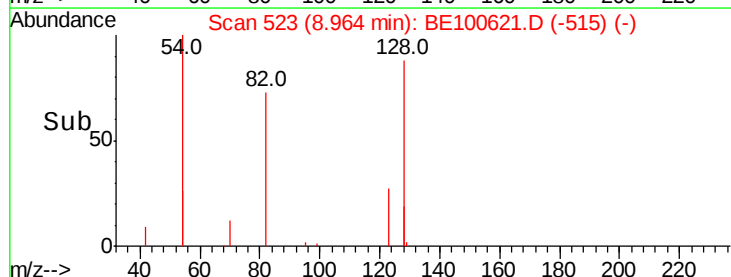
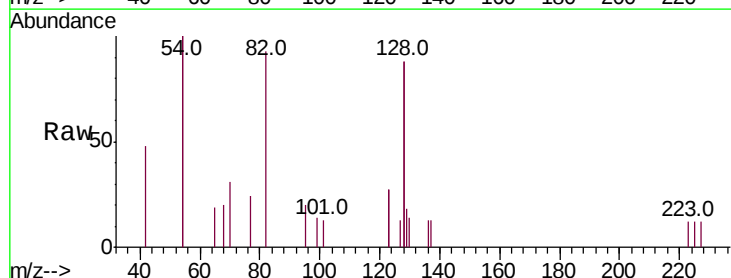
Tgt Ion: 82 Resp: 647

Ion Ratio Lower Upper

82 100

128 188.4 154.7 232.1

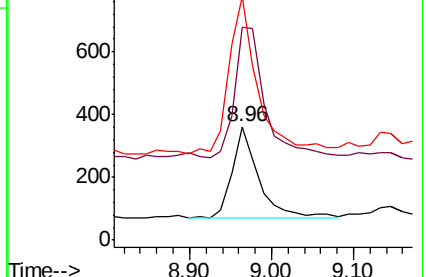
54 215.0 128.5 192.7#

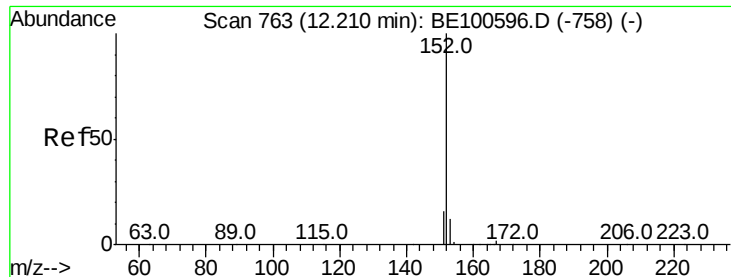


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

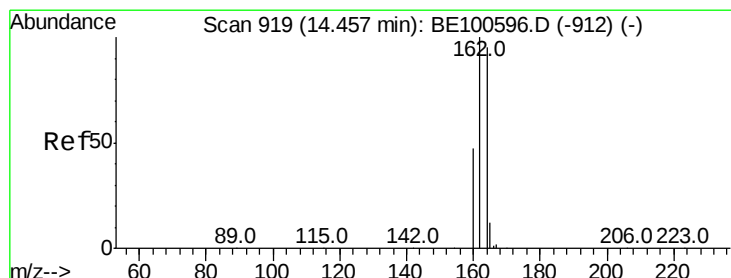
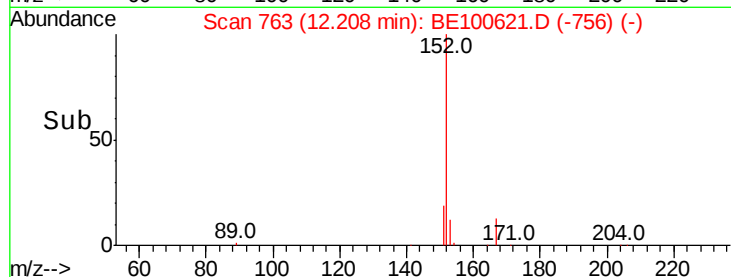
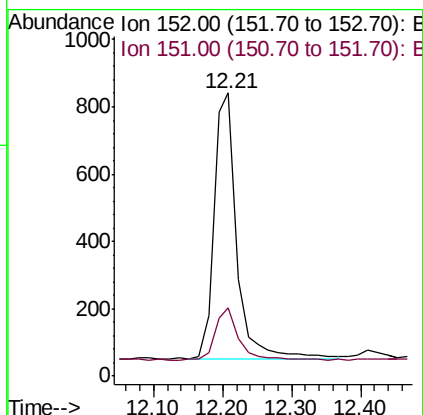
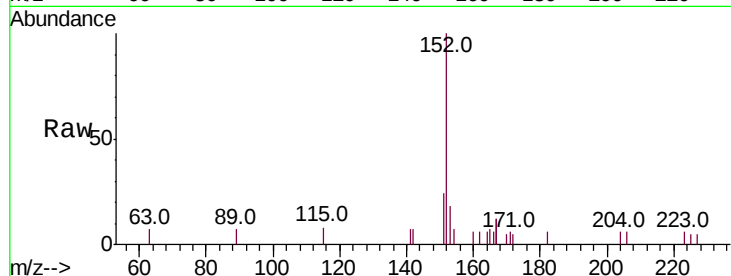




#11
2-Methylnaphthalene-d10
Concen: 0.070 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE100621.D
Acq: 8 Oct 2019 22:45

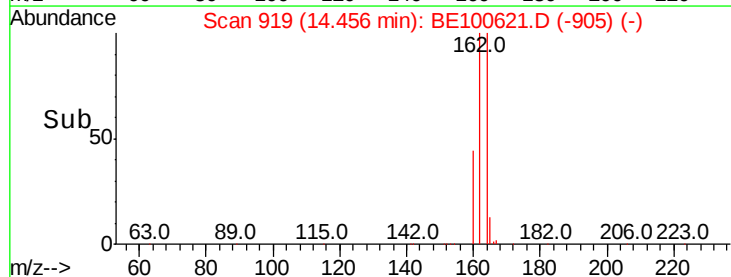
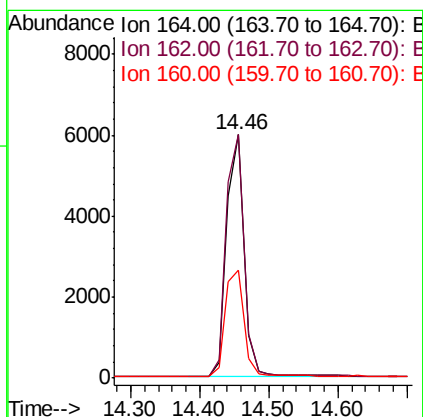
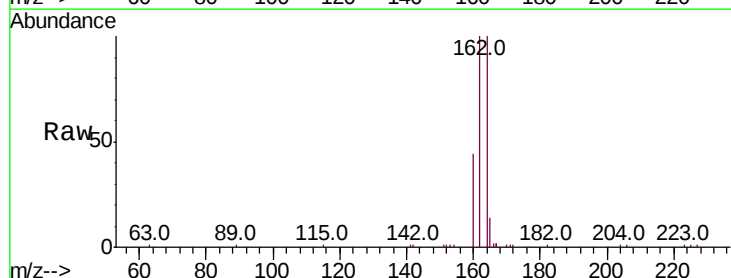
Instrument :
BNA_E
ClientSampled :

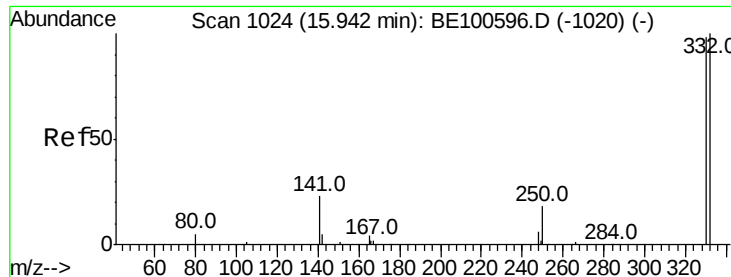
Tot Ion:152 Resp: 1805
Ion Ratio Lower Upper
152 100
151 19.6 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100621.D
Acq: 8 Oct 2019 22:45

Tgt Ion:164 Resp: 10392
Ion Ratio Lower Upper
164 100
162 100.0 84.2 126.4
160 44.5 40.2 60.4





#14

2,4,6-Tribromophenol

Concen: 0.066 ng

RT: 15.93 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BE100621.D

Acq: 8 Oct 2019 22:45

Instrument :

BNA_E

ClientSampled :

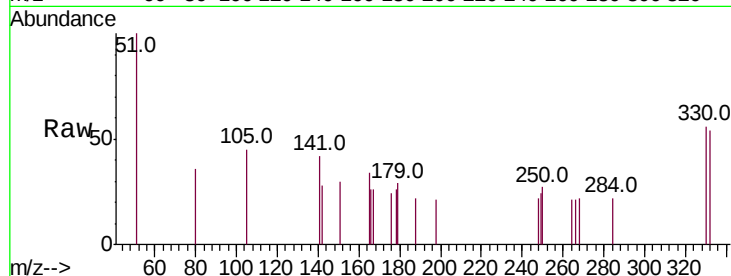
Tot Ion:330 Resp: 156

Ion Ratio Lower Upper

330 100

332 94.9 78.5 117.7

141 56.4 39.4 59.0



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

15.93

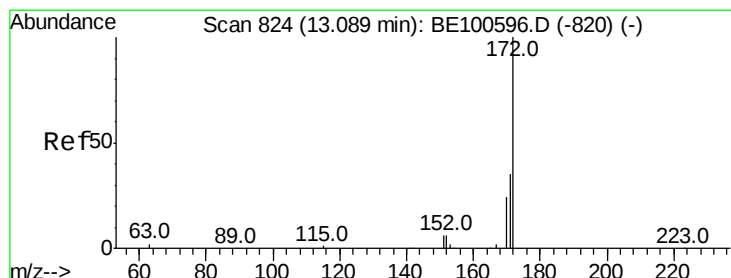
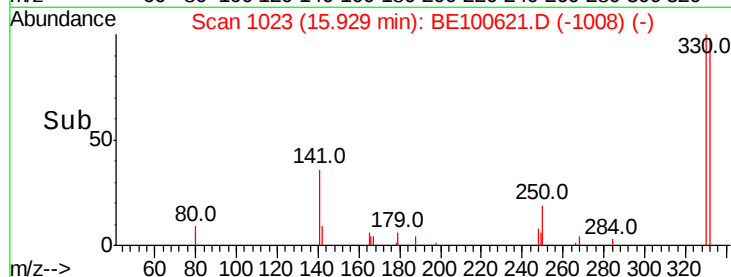
100

50

0

15.90 16.00

Time-->



#15

2-Fluorobiphenyl

Concen: 0.066 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE100621.D

Acq: 8 Oct 2019 22:45

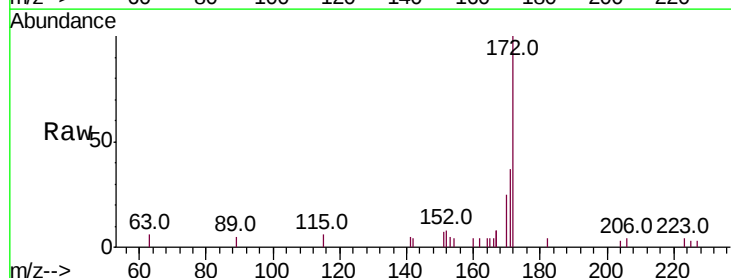
Tgt Ion:172 Resp: 2479

Ion Ratio Lower Upper

172 100

171 36.6 28.7 43.1

170 25.4 19.8 29.8



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

13.09

1500

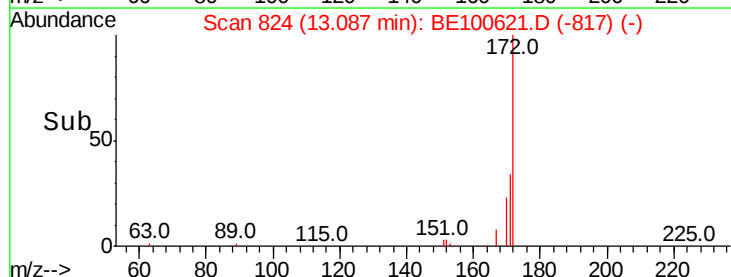
1000

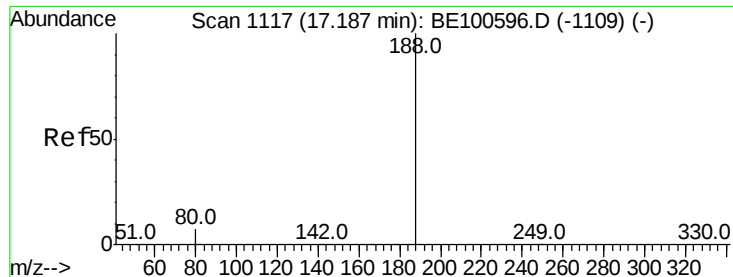
500

0

13.00 13.20

Time-->

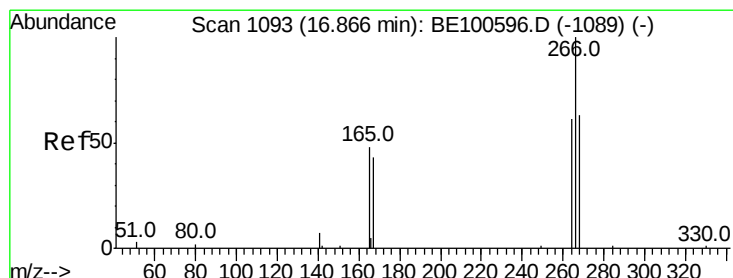
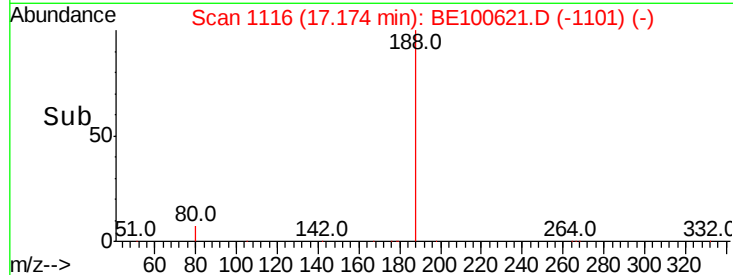
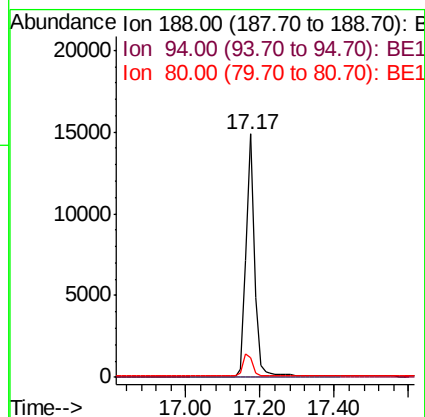
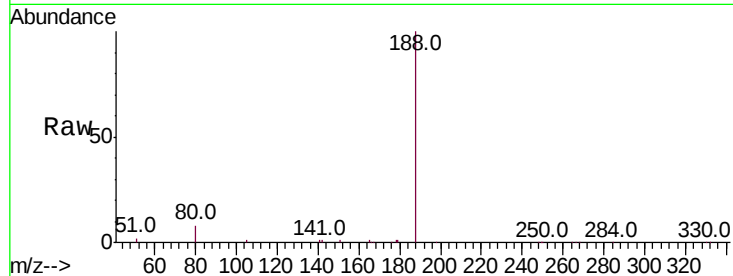




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.17 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100621.D
Acq: 8 Oct 2019 22:45

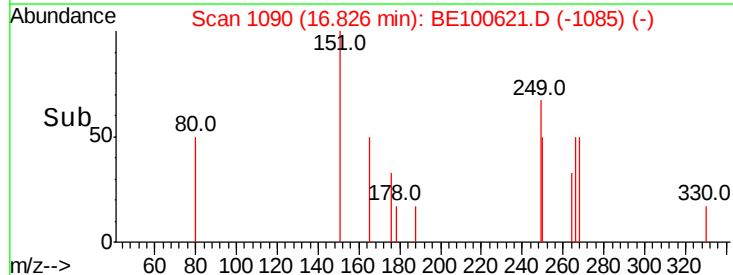
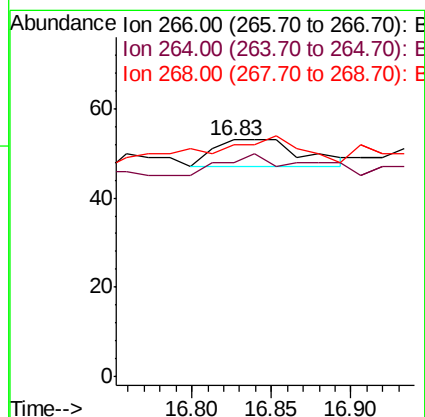
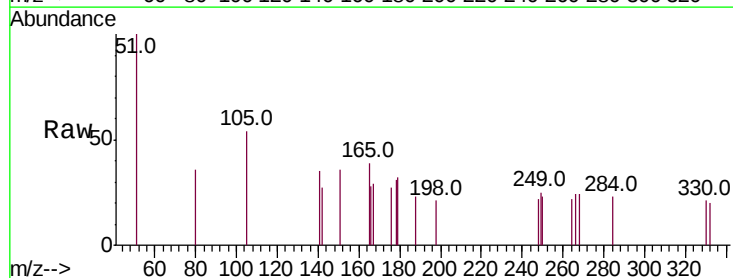
Instrument :
BNA_E
ClientSampleId :

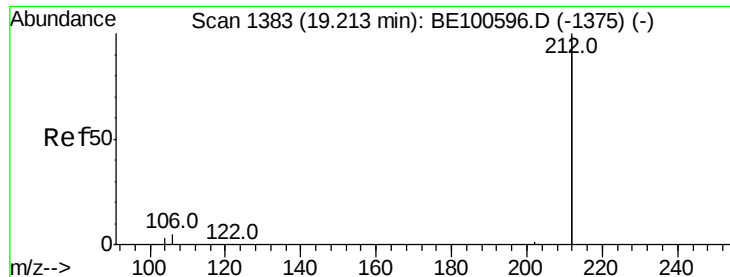
Tot Ion:188 Resp: 23622
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 6.2 9.2



#22
Pentachlorophenol
Concen: 0.343 ng
RT: 16.83 min Scan# 1090
Delta R.T. -0.03 min
Lab File: BE100621.D
Acq: 8 Oct 2019 22:45

Tgt Ion:266 Resp: 23
Ion Ratio Lower Upper
266 100
264 90.6 56.3 84.5#
268 98.1 60.3 90.5#





#25

Fluoranthene-d10

Concen: 0.077 ng

RT: 19.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100621.D

Acq: 8 Oct 2019 22:45

Instrument :

BNA_E

ClientSampleId :

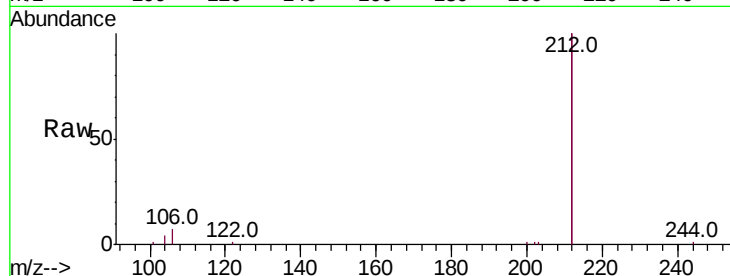
Tot Ion:212 Resp: 22518

Ion Ratio Lower Upper

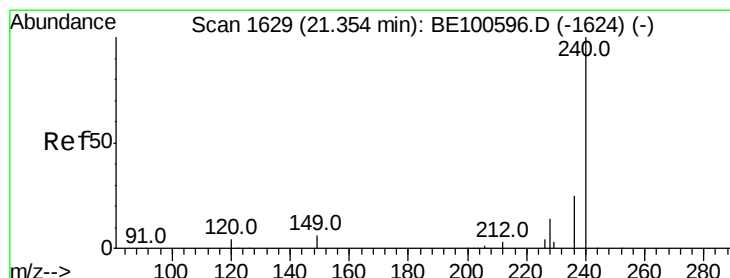
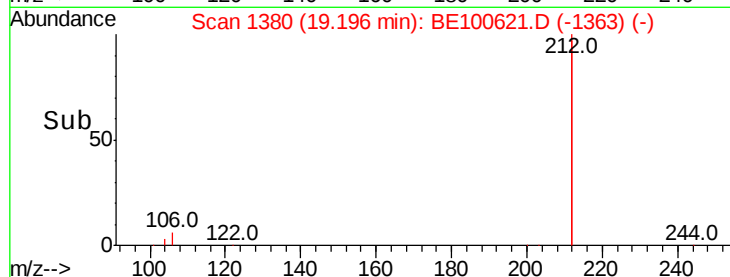
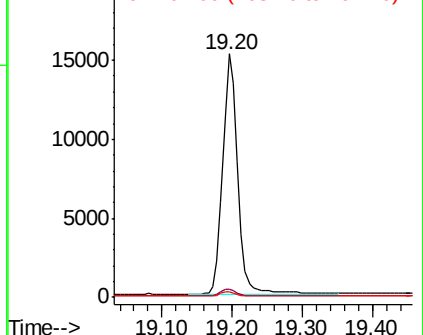
212 100

106 3.1 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: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100621.D

Acq: 8 Oct 2019 22:45

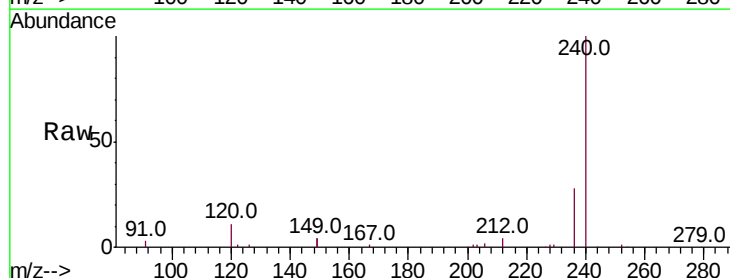
Tgt Ion:240 Resp: 29147

Ion Ratio Lower Upper

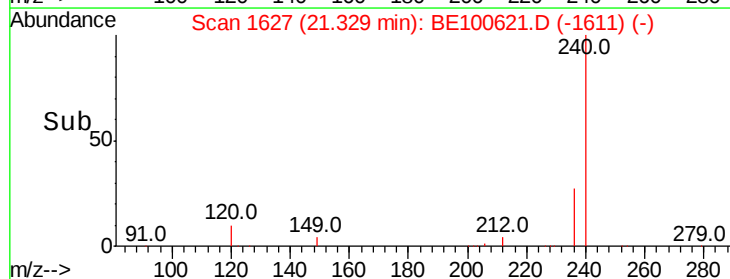
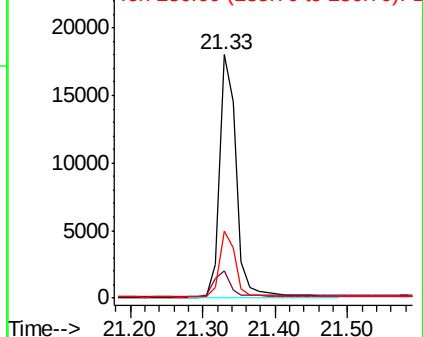
240 100

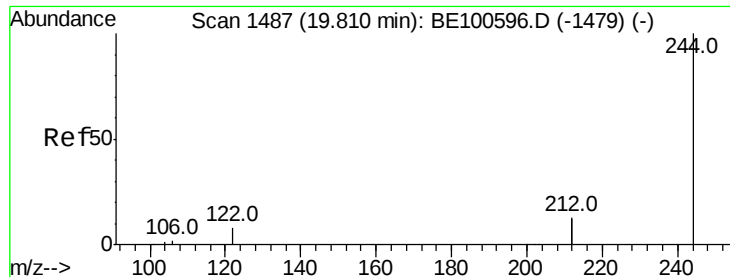
120 11.3 3.6 5.4#

236 27.6 20.5 30.7



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: 0.081 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100621.D

Acq: 8 Oct 2019 22:45

Instrument :

BNA_E

ClientSampled :

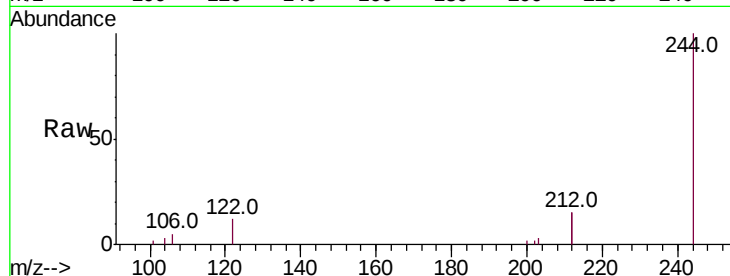
Tot Ion:244 Resp: 5214

Ion Ratio Lower Upper

244 100

212 30.3 20.6 31.0

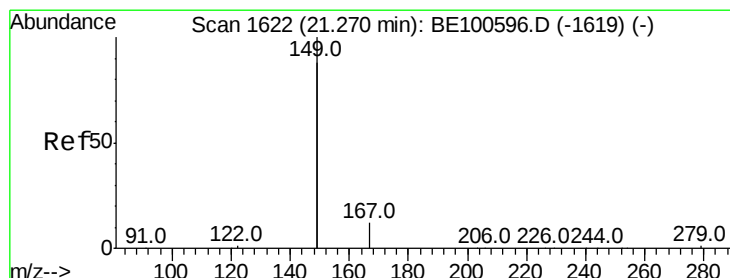
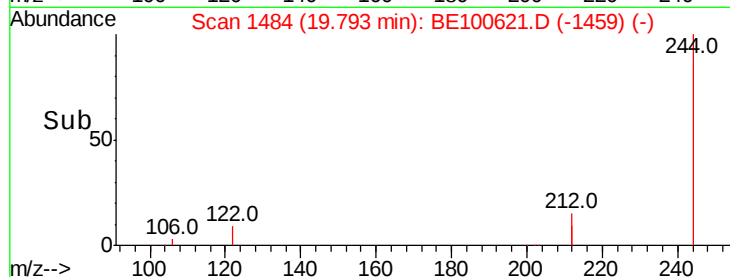
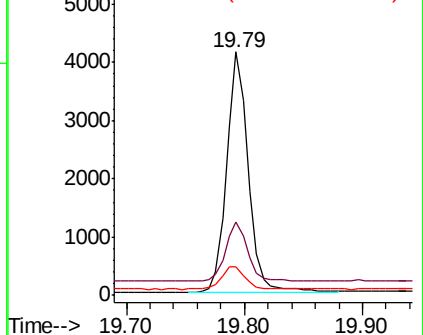
122 11.8 6.5 9.7#



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: 0.036 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE100621.D

Acq: 8 Oct 2019 22:45

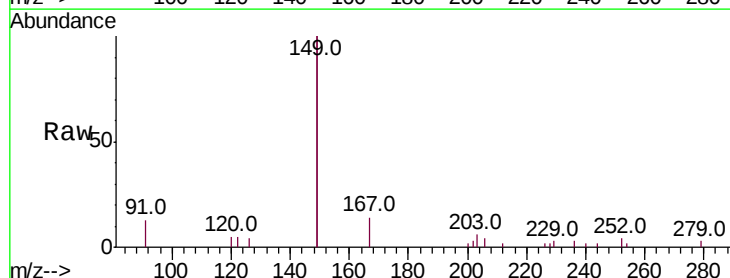
Tgt Ion:149 Resp: 5620

Ion Ratio Lower Upper

149 100

167 7.0 5.4 8.0

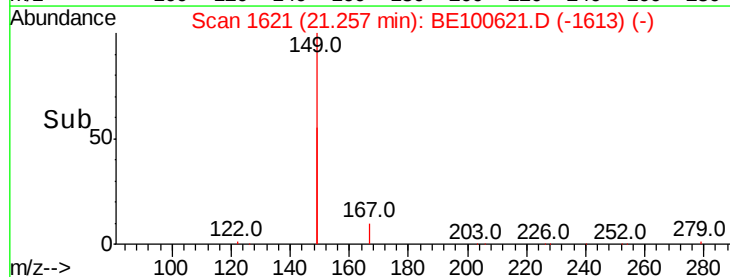
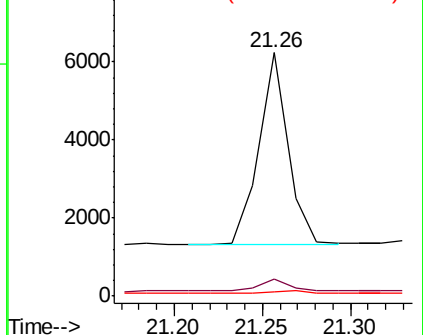
279 1.3 0.9 1.3#

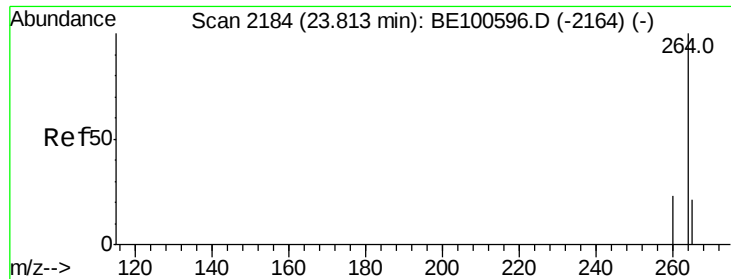


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

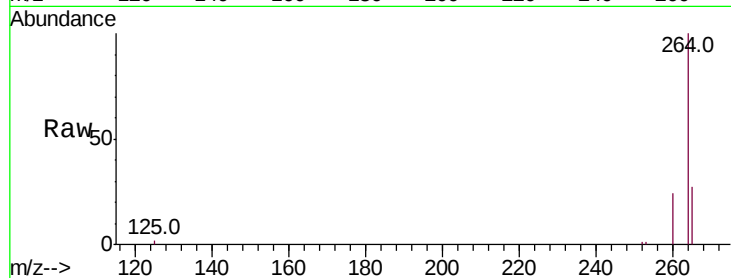




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.78 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BE100621.D
 Acq: 8 Oct 2019 22:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 32859
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 26.6 20.9 31.3



Abundance Ion 264.00 (263.70 to 264.70): E
 20000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

