

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100620.D
 Acq On : 8 Oct 2019 22:09
 Operator : JU
 Sample : K5129-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:46:53 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

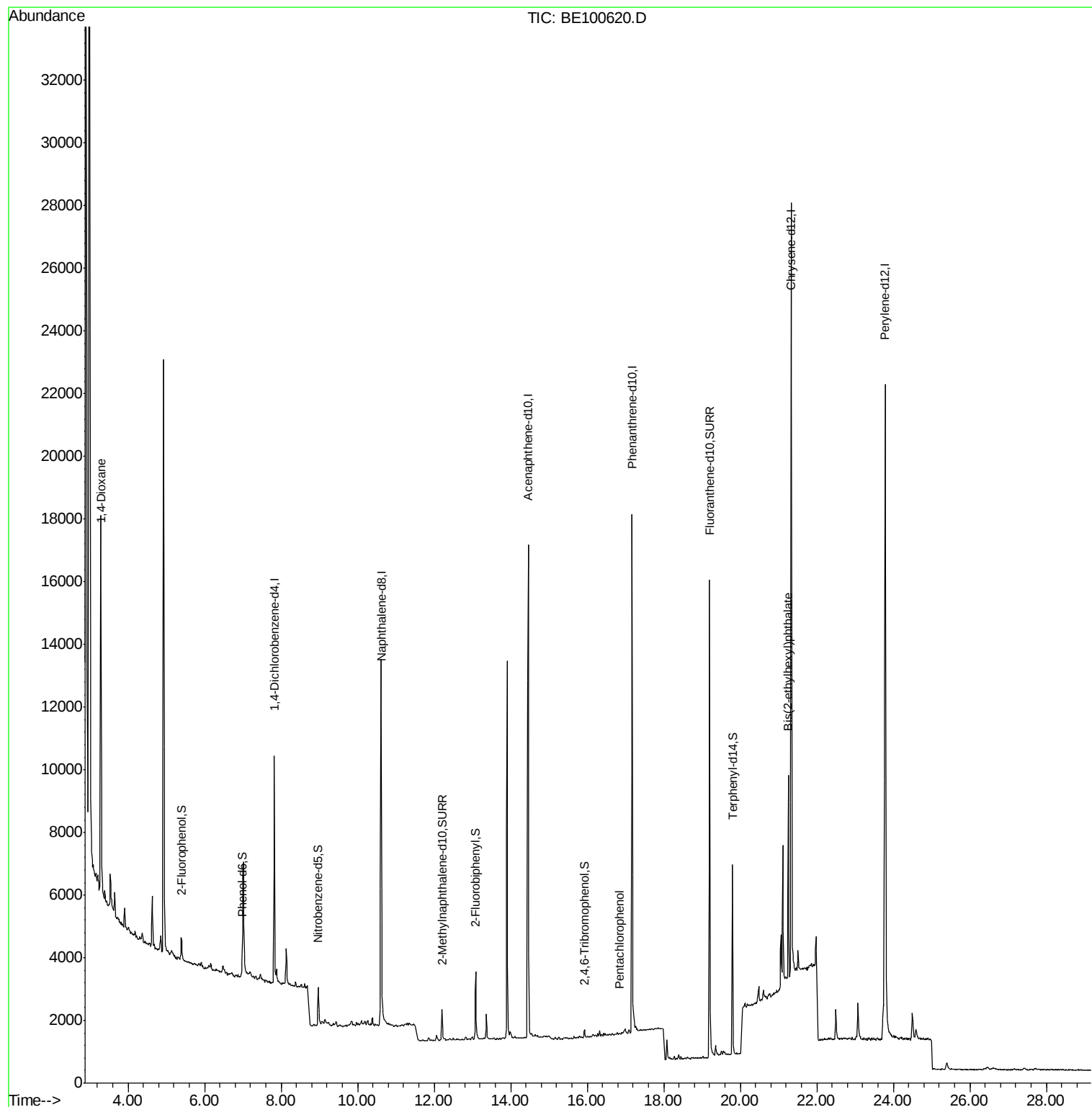
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3683	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	17022	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	10196	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	23854	0.40	ng	0.00
27) Chrysene-d12	21.33	240	28139	0.40	ng	0.00
34) Perylene-d12	23.78	264	32207	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	502	0.05	ng	0.00
5) Phenol-d6	6.98	99	462	0.04	ng	-0.01
8) Nitrobenzene-d5	8.96	82	594	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1684	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.93	330	173	0.07	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	2368	0.06	ng	0.00
25) Fluoranthene-d10	19.20	212	21368	0.07	ng	0.00
29) Terphenyl-d14	19.79	244	5557	0.09	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	10220	1.648	ng	# 89
22) Pentachlorophenol	16.84	266	22	0.343	ng	# 77
32) Bis(2-ethylhexyl)phthalate	21.26	149	7141	0.048	ng	98

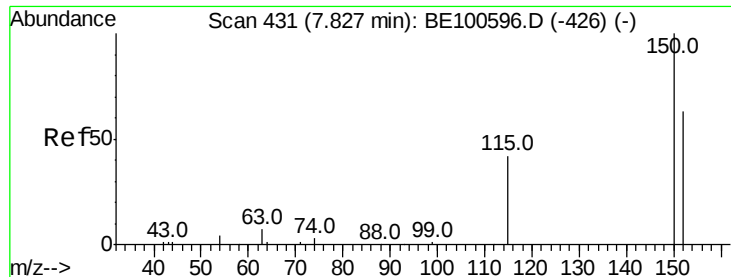
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100620.D

Acq: 8 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

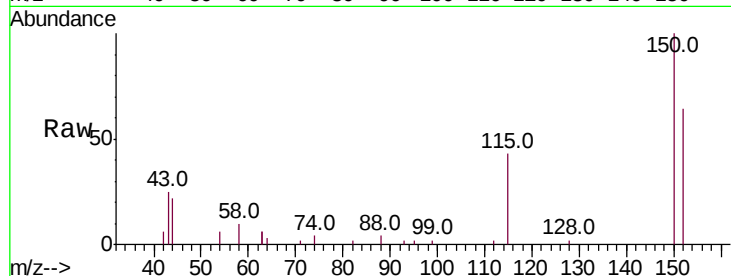
Tot Ion:152 Resp: 3683

Ion Ratio Lower Upper

152 100

150 156.8 126.5 189.7

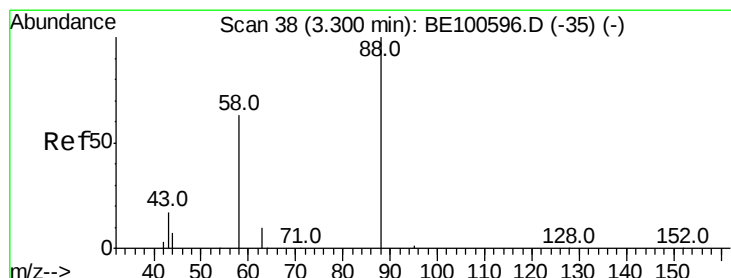
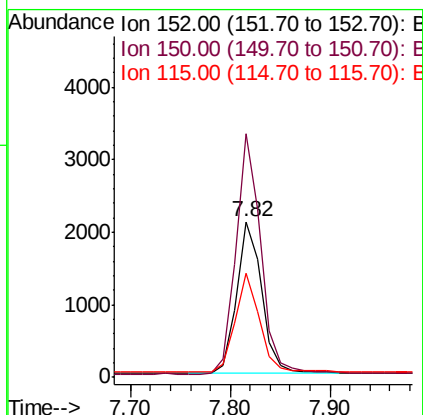
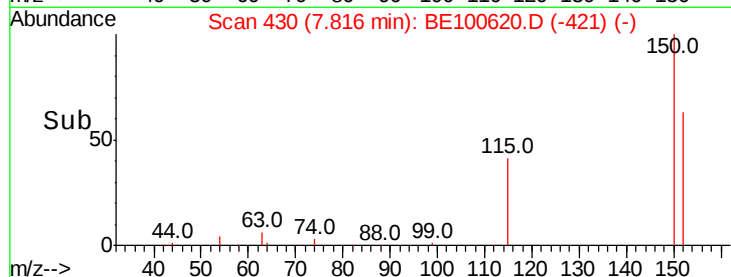
115 67.3 54.6 81.8



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: 1.648 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

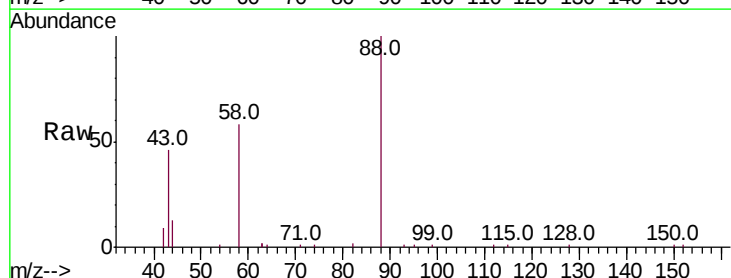
Tgt Ion: 88 Resp: 10220

Ion Ratio Lower Upper

88 100

58 66.6 48.1 72.1

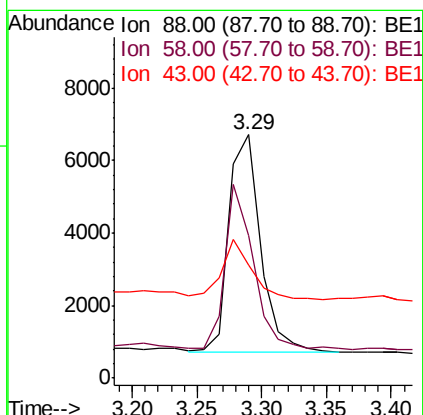
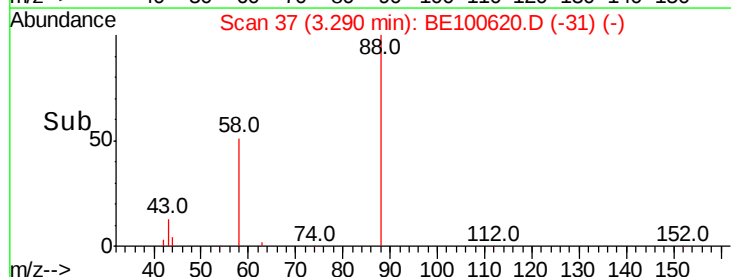
43 25.9 14.4 21.6#

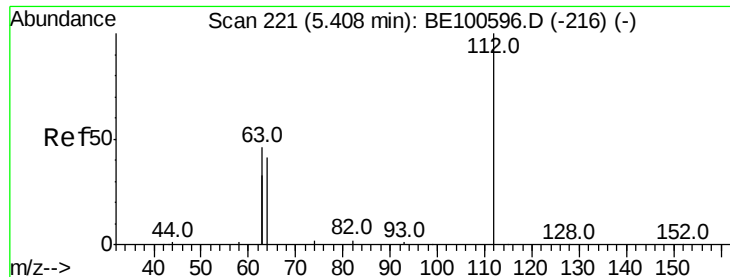


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.051 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

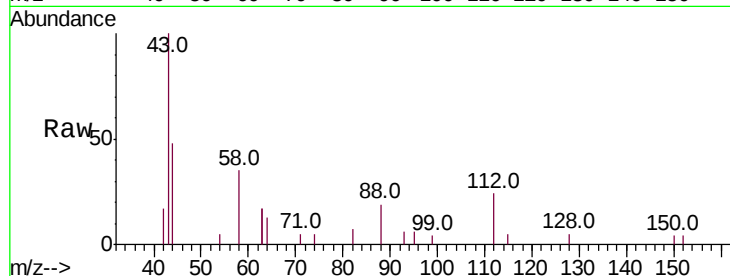
Tot Ion:112 Resp: 502

Ion Ratio Lower Upper

112 100

64 53.2 43.7 65.5

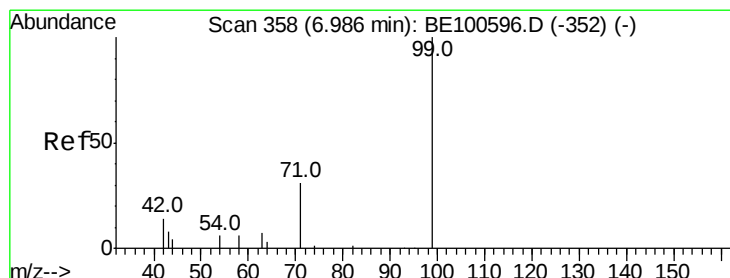
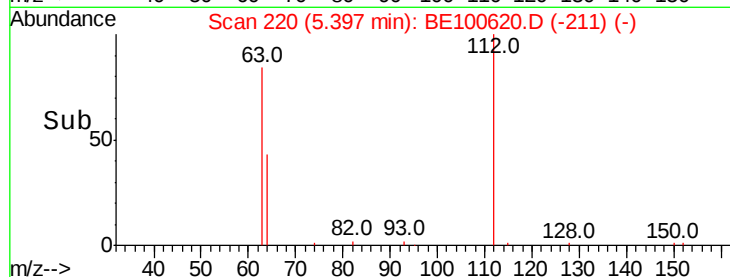
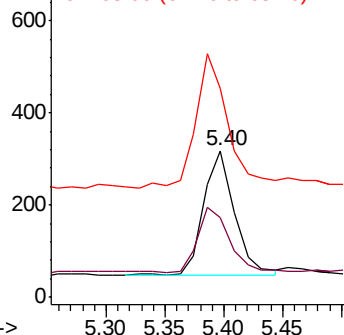
63 109.6 84.5 126.7



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: 0.037 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

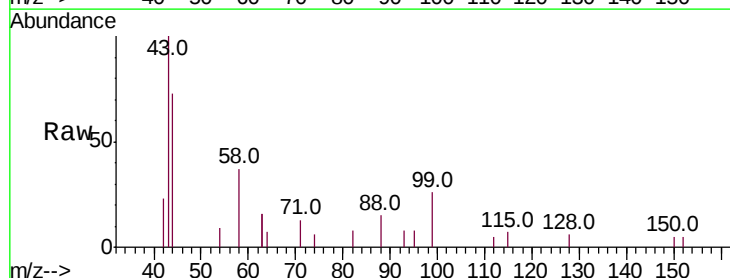
Tgt Ion: 99 Resp: 462

Ion Ratio Lower Upper

99 100

42 0.0 11.7 17.5#

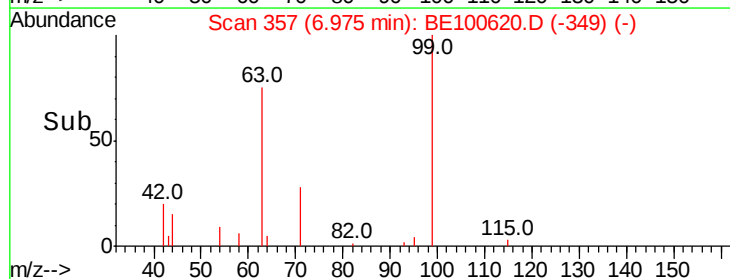
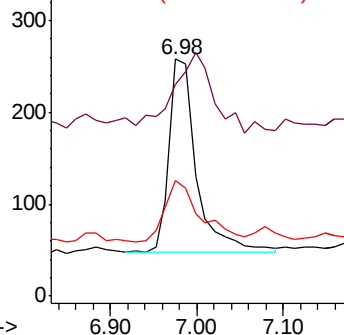
71 41.8 23.0 34.4#

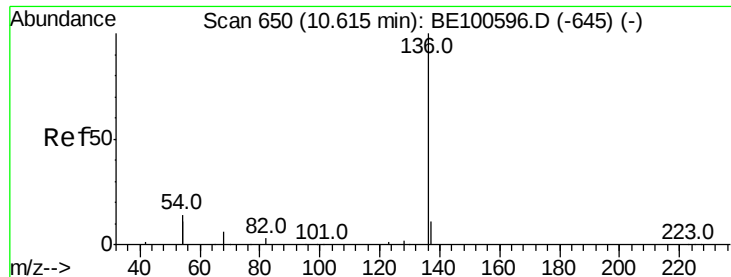


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.61 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17022

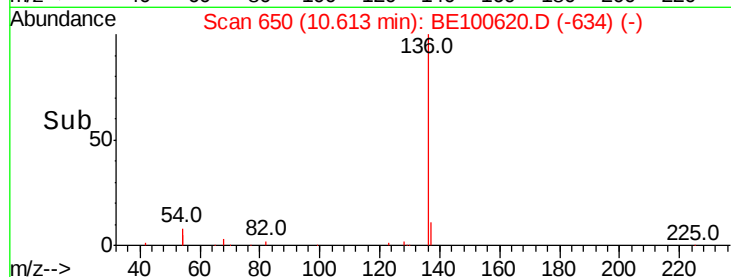
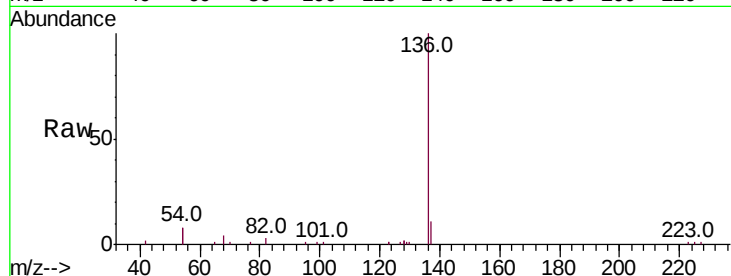
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 16.8 22.4 33.6#

68 4.4 5.2 7.8#



Abundance Ion 136.00 (135.70 to 136.70): E

12000 Ion 137.00 (136.70 to 137.70): E

10000 Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1

8000

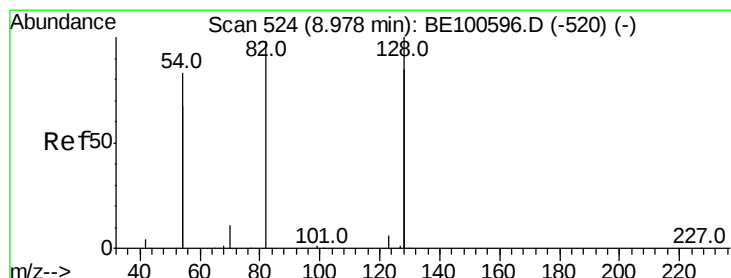
6000

4000

2000

0

Time--> 10.40 10.60 10.80



#8

Nitrobenzene-d5

Concen: 0.056 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

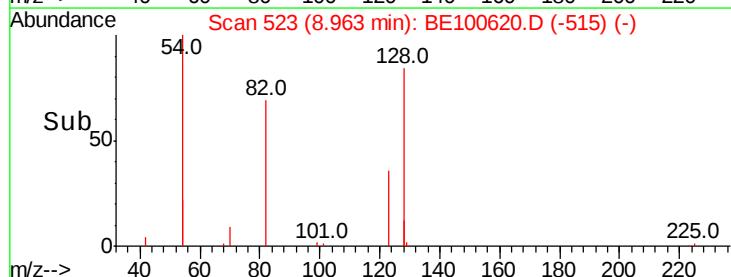
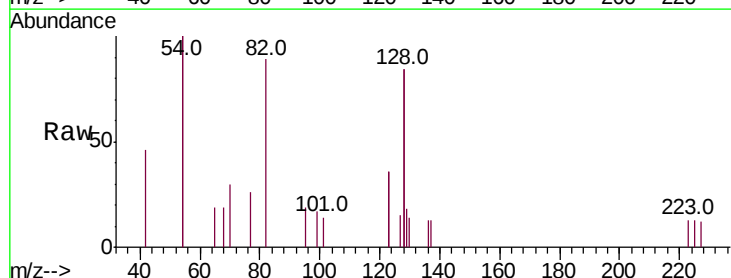
Tgt Ion: 82 Resp: 594

Ion Ratio Lower Upper

82 100

128 188.4 154.7 232.1

54 224.5 128.5 192.7#



Abundance Ion 82.00 (81.70 to 82.70): BE1

1000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

800

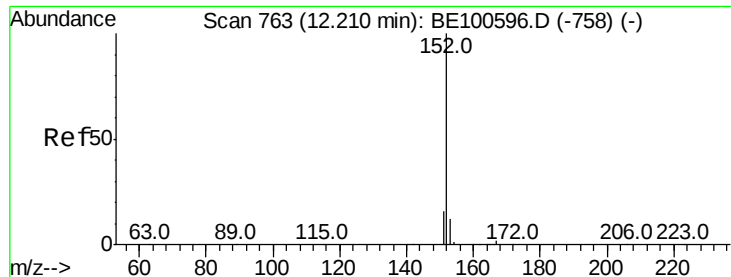
600

400

200

0

Time--> 8.90 9.00 9.10



#11

2-Methylnaphthalene-d10

Concen: 0.066 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

Instrument :

BNA_E

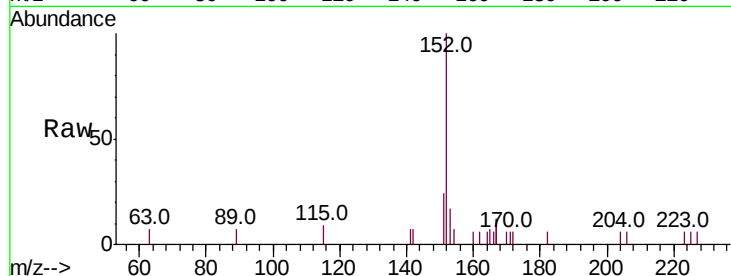
ClientSampleId :

Tot Ion:152 Resp: 1684

Ion Ratio Lower Upper

152 100

151 19.1 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

800

600

400

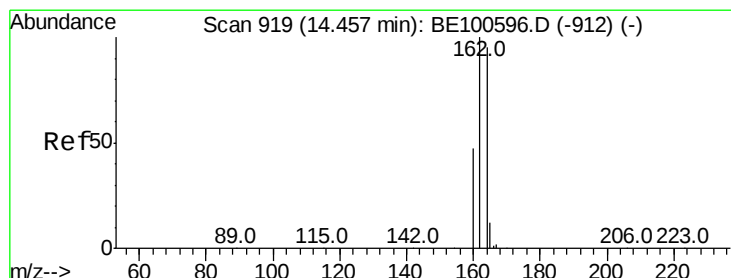
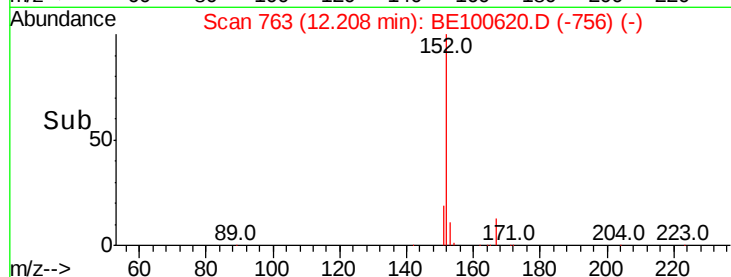
200

0

12.20

12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

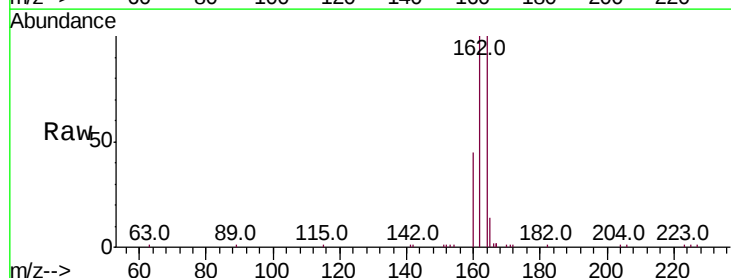
Tgt Ion:164 Resp: 10196

Ion Ratio Lower Upper

164 100

162 99.9 84.2 126.4

160 45.0 40.2 60.4



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

14.46

8000

6000

4000

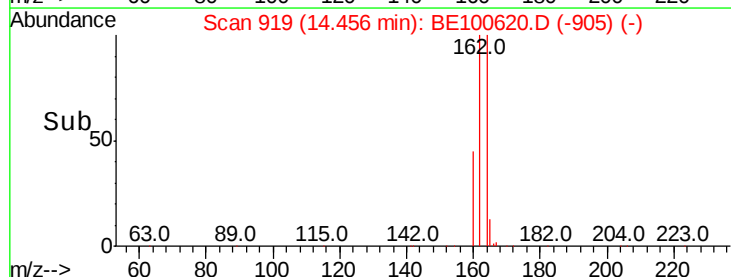
2000

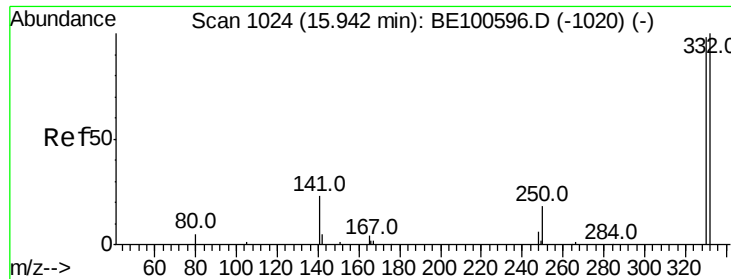
0

14.40

14.60

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.074 ng

RT: 15.93 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

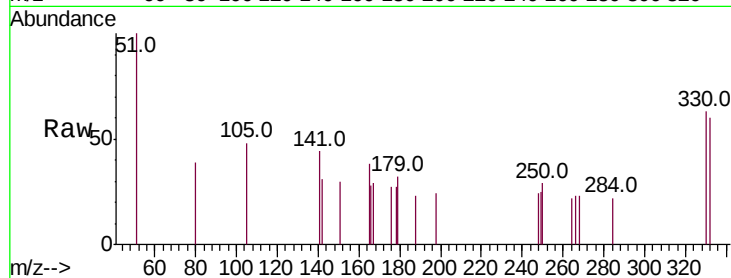
Tot Ion:330 Resp: 173

Ion Ratio Lower Upper

330 100

332 91.9 78.5 117.7

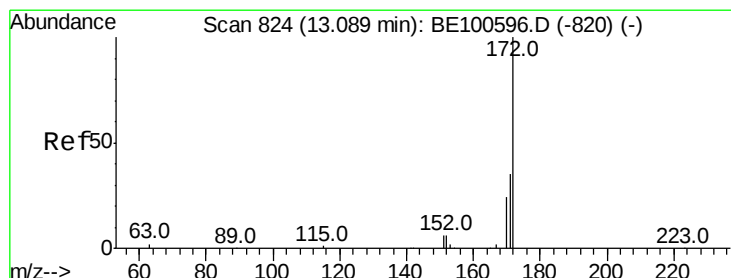
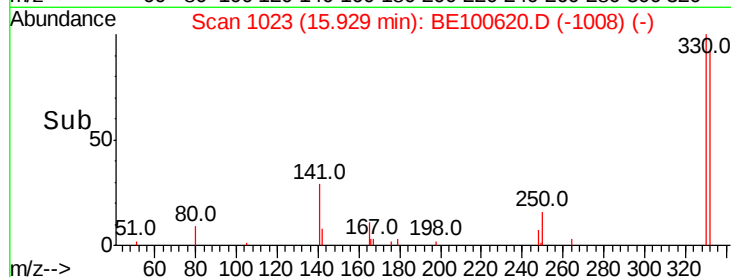
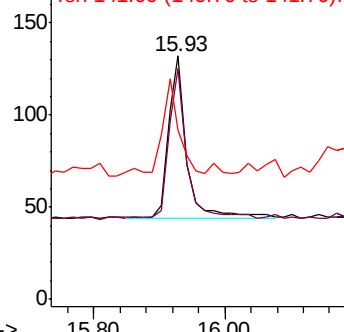
141 57.8 39.4 59.0



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

2-Fluorobiphenyl

Concen: 0.064 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

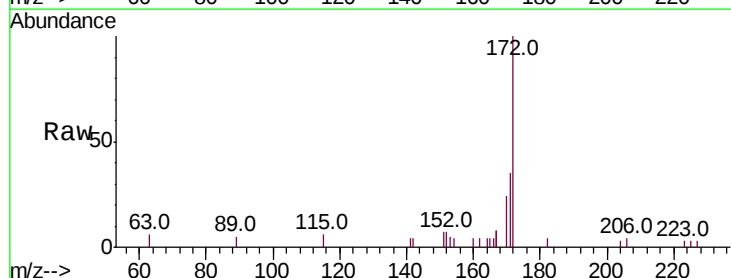
Tgt Ion:172 Resp: 2368

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

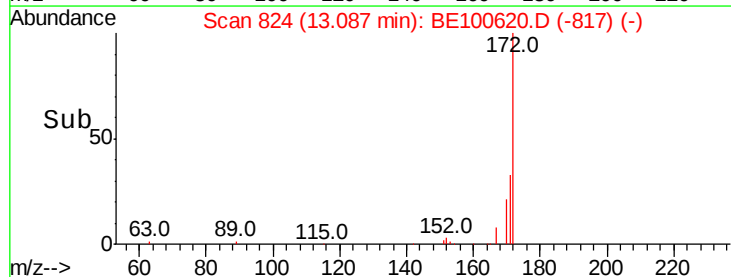
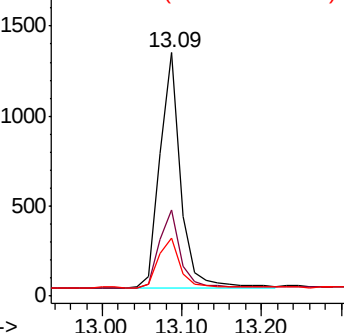
170 23.9 19.8 29.8

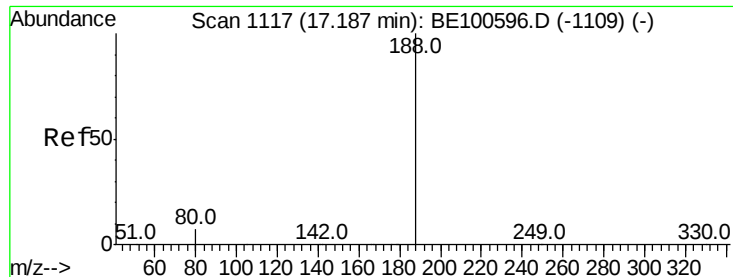


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.17 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

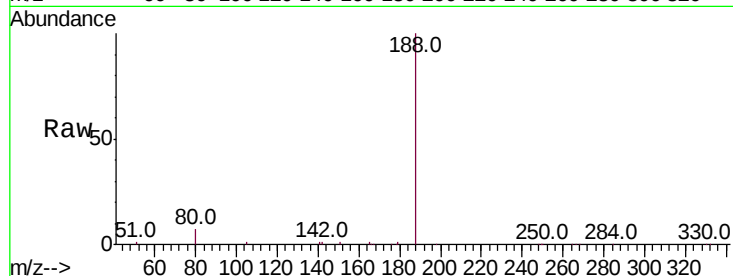
Tot Ion:188 Resp: 23854

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

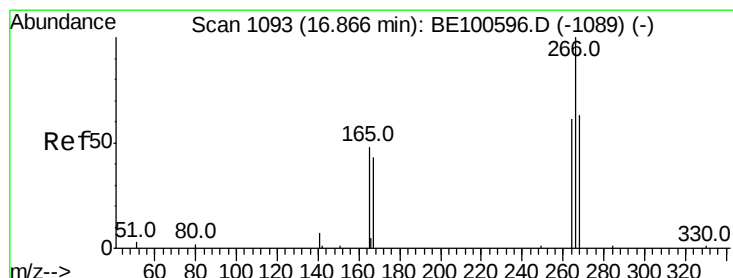
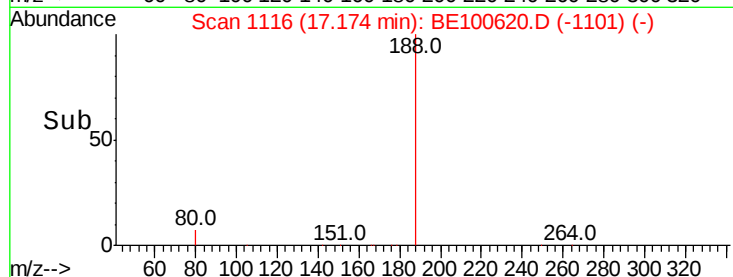
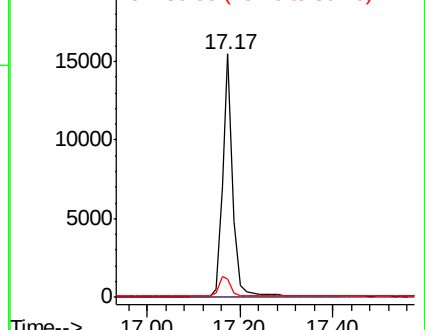
80 7.5 6.2 9.2



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: 0.343 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

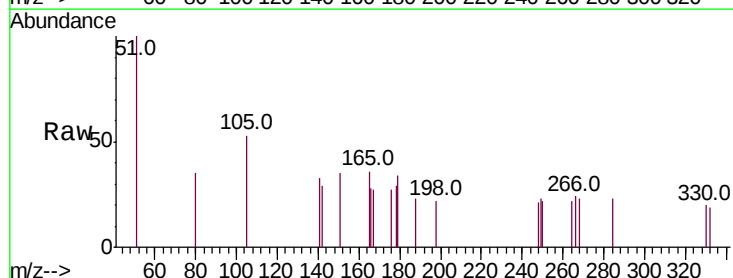
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 88.9 56.3 84.5#

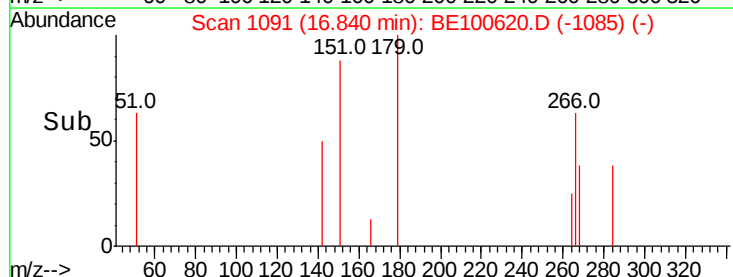
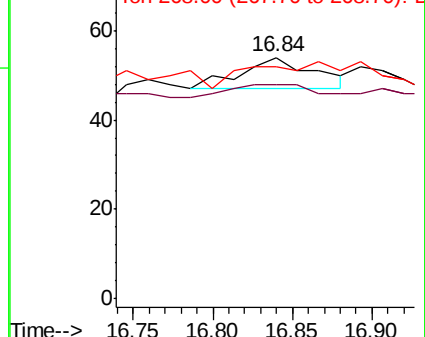
268 96.3 60.3 90.5#

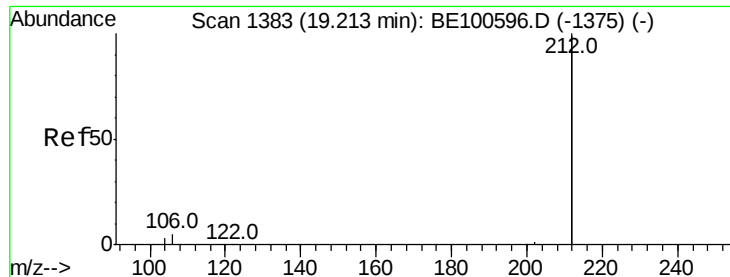


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.073 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

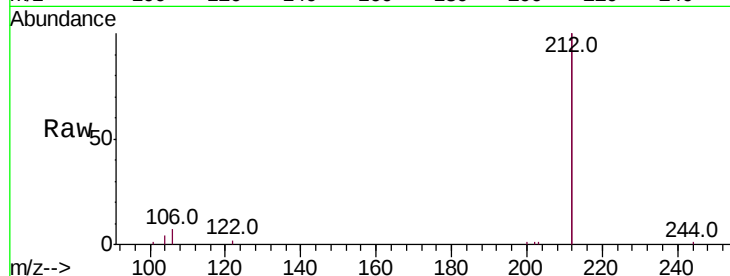
Tot Ion:212 Resp: 21368

Ion Ratio Lower Upper

212 100

106 3.2 2.3 3.5

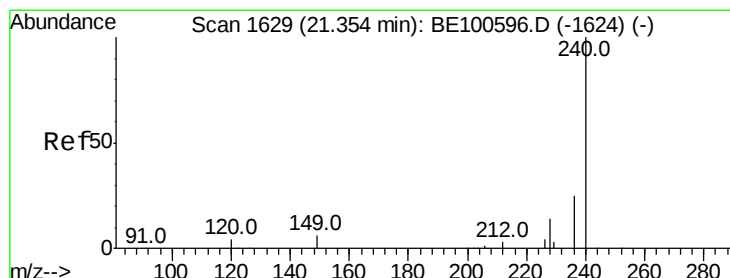
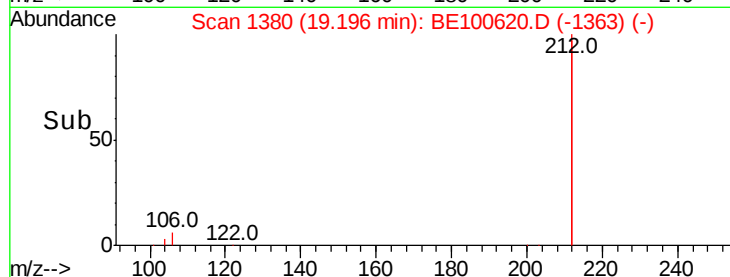
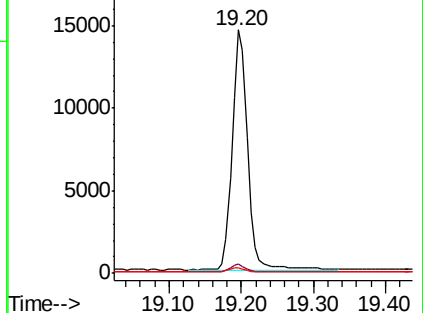
104 1.7 1.3 1.9



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: BE100620.D

Acq: 8 Oct 2019 22:09

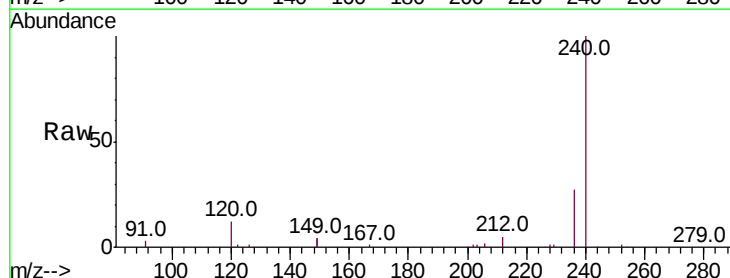
Tgt Ion:240 Resp: 28139

Ion Ratio Lower Upper

240 100

120 11.6 3.6 5.4#

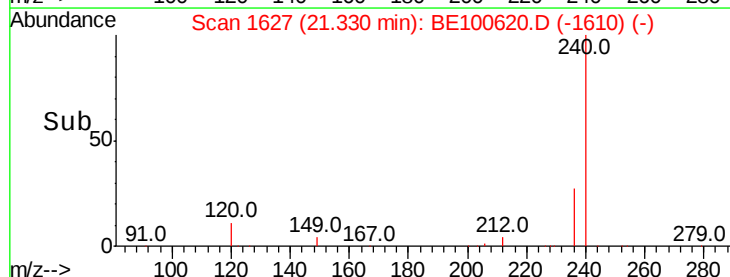
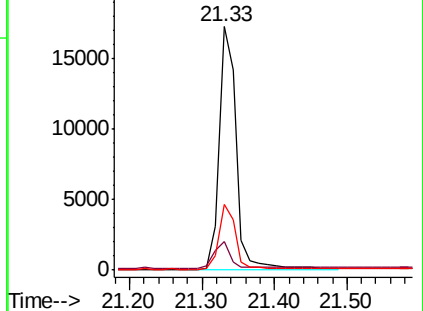
236 27.1 20.5 30.7

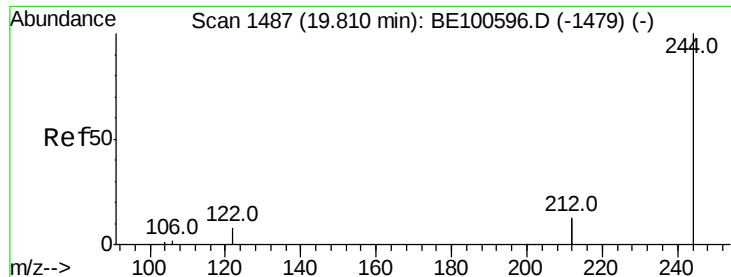


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.089 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

Instrument :

BNA_E

ClientSampleId :

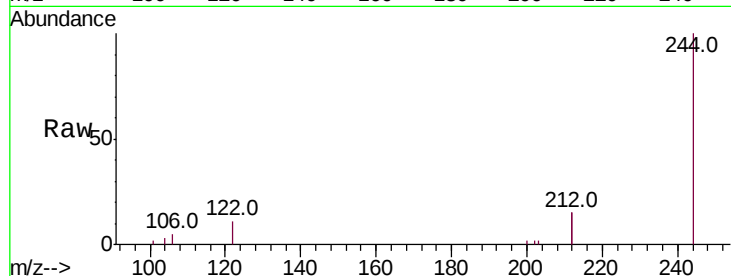
Tot Ion:244 Resp: 5557

Ion Ratio Lower Upper

244 100

212 30.6 20.6 31.0

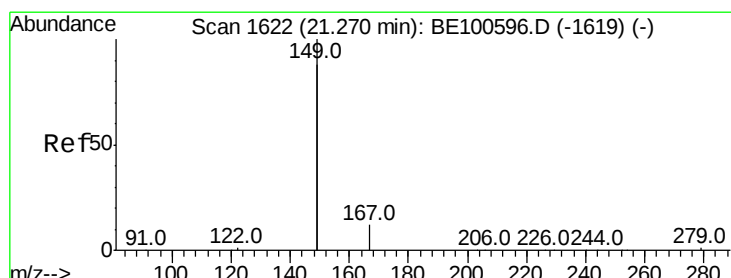
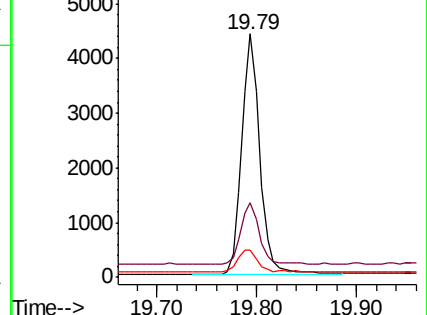
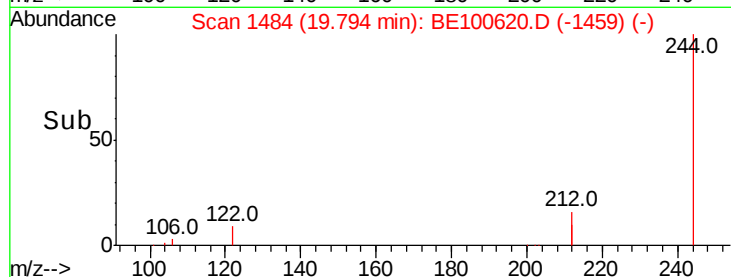
122 10.9 6.5 9.7#



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: 0.048 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE100620.D

Acq: 8 Oct 2019 22:09

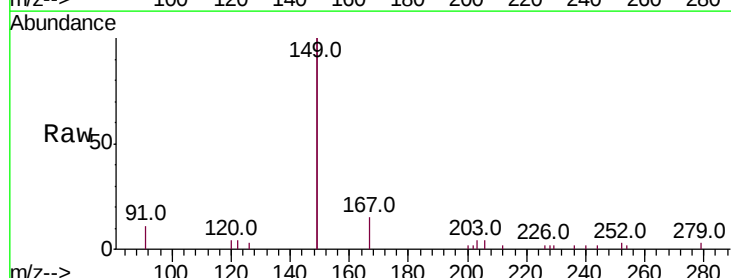
Tgt Ion:149 Resp: 7141

Ion Ratio Lower Upper

149 100

167 7.4 5.4 8.0

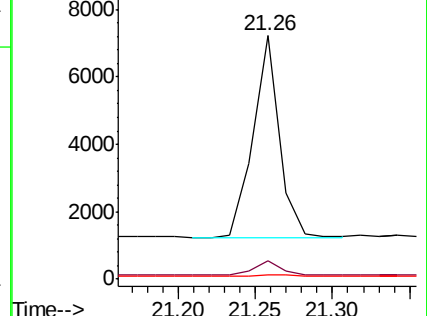
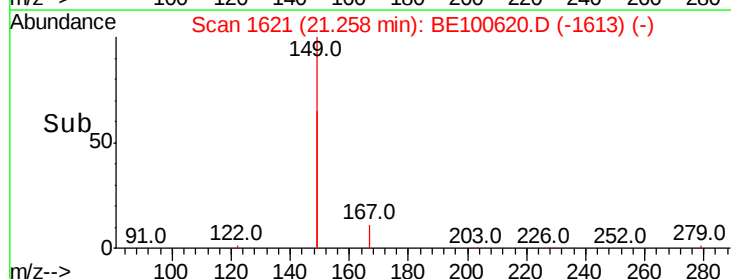
279 1.2 0.9 1.3

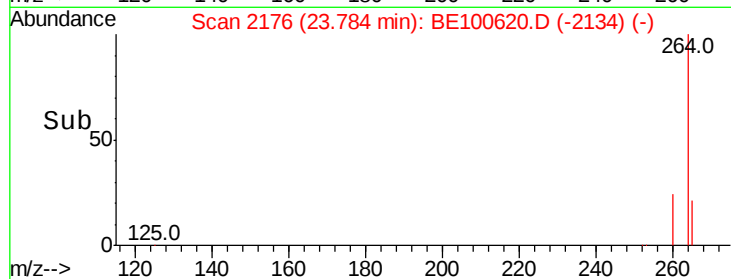
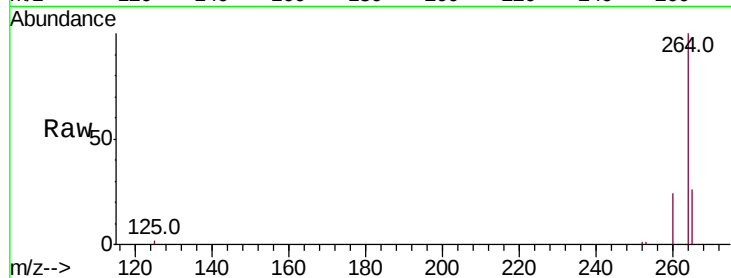
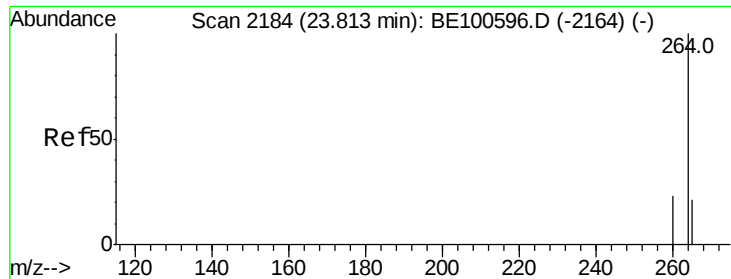


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE100620.D
 Acq: 8 Oct 2019 22:09

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:	264	Resp:	32207
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	26.4	20.9	31.3

