

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100819\
 Data File : BE100607.D
 Acq On : 8 Oct 2019 14:11
 Operator : JU
 Sample : K5159-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 09 01:45:28 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

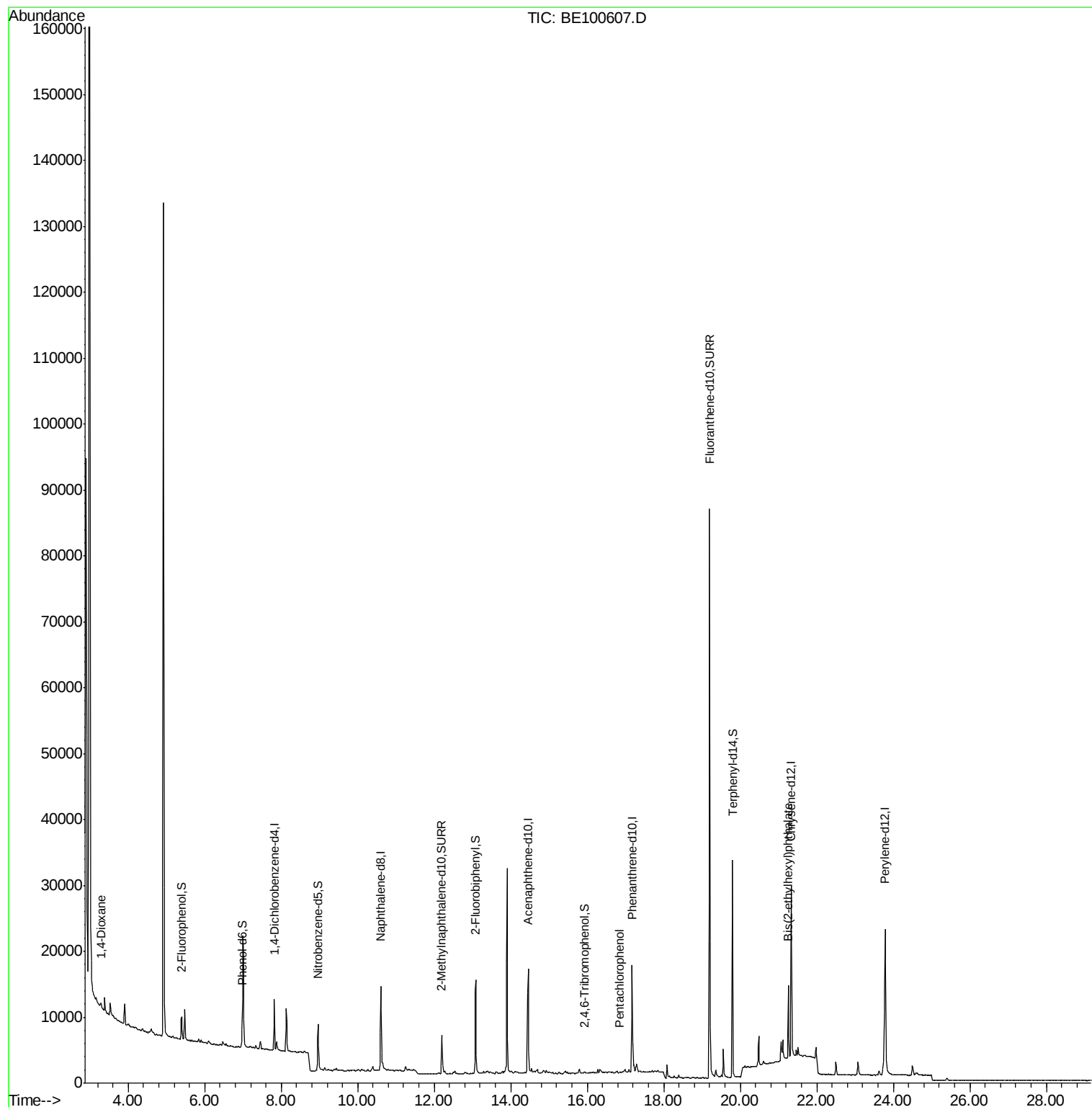
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	3857	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	17085	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	10061	0.40	ng	0.00
19) Phenanthrene-d10	17.17	188	22625	0.40	ng	0.00
27) Chrysene-d12	21.33	240	30195	0.40	ng	0.00
34) Perylene-d12	23.78	264	34916	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	2464	0.24	ng	0.00
5) Phenol-d6	6.97	99	2348	0.18	ng	-0.01
8) Nitrobenzene-d5	8.97	82	3442	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	9332	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.93	330	107	0.05	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	16001	0.44	ng	0.00
25) Fluoranthene-d10	19.20	212	116204	0.42	ng	0.00
29) Terphenyl-d14	19.79	244	29237	0.44	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.29	88	513	0.079	ng	# 20
22) Pentachlorophenol	16.84	266	9	0.340	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.26	149	11704	0.073	ng	100

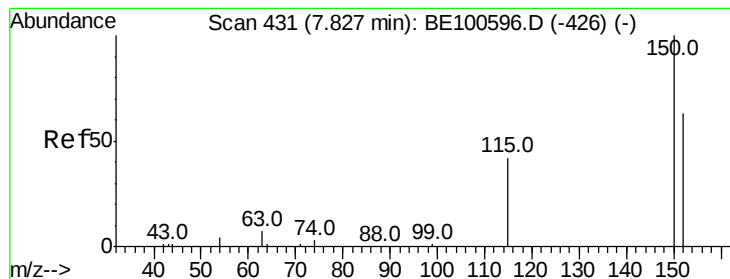
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 01:42:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_E

ClientSampled :

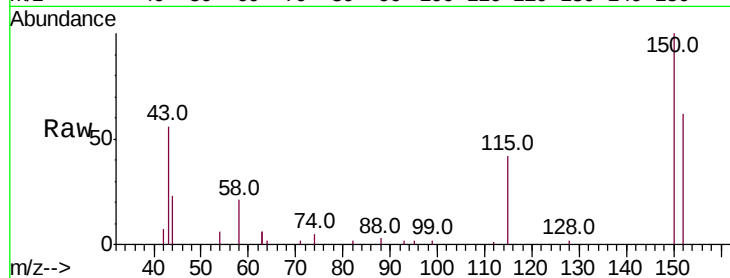
Tot Ion:152 Resp: 3857

Ion Ratio Lower Upper

152 100

150 161.4 126.5 189.7

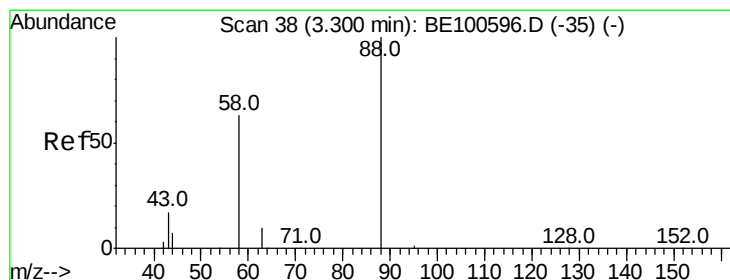
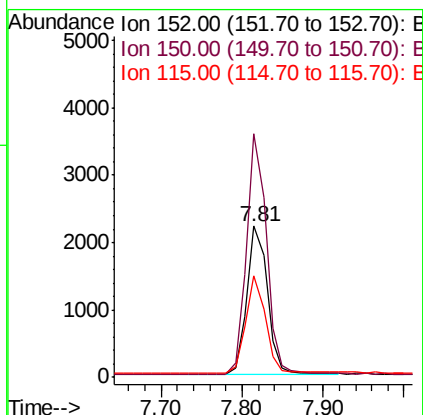
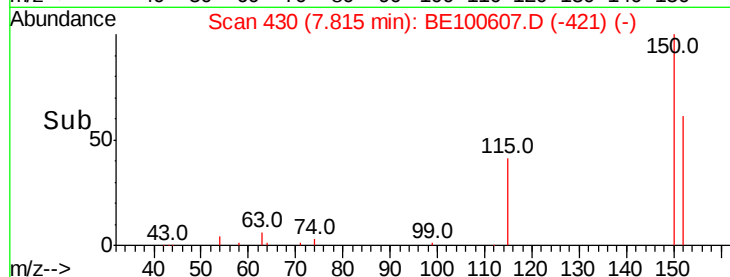
115 67.6 54.6 81.8



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: 0.079 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

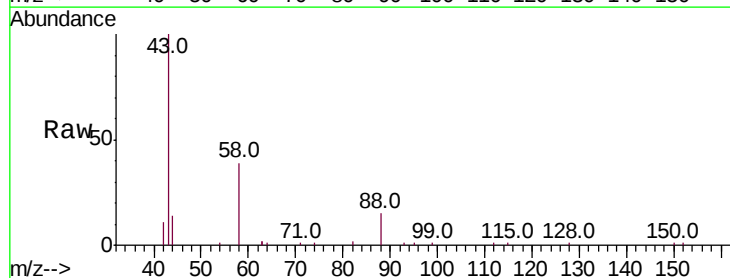
Tgt Ion: 88 Resp: 513

Ion Ratio Lower Upper

88 100

58 129.2 48.1 72.1#

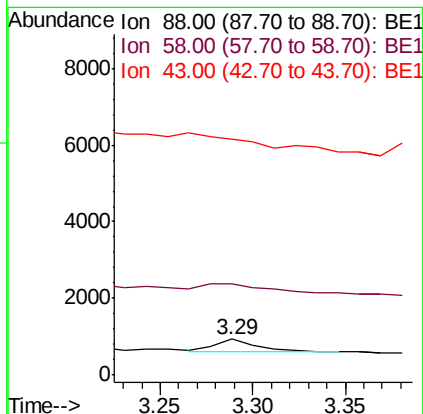
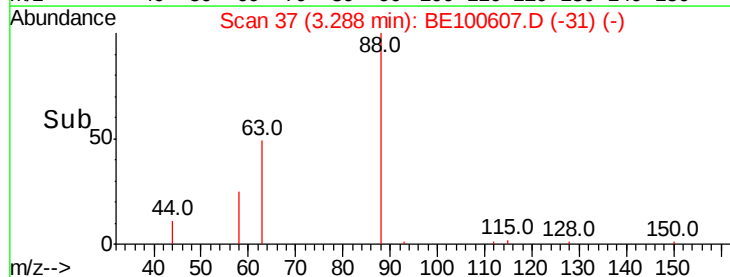
43 0.0 14.4 21.6#

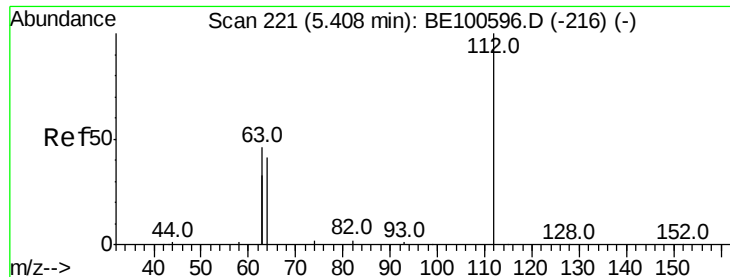


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.237 ng

RT: 5.40 min Scan# 220

Delta R.T. -0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_E

ClientSampled :

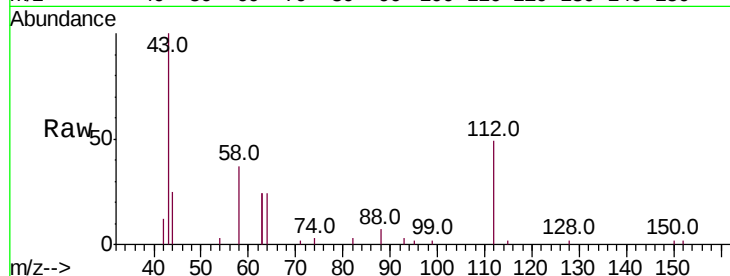
Tot Ion:112 Resp: 2464

Ion Ratio Lower Upper

112 100

64 55.3 43.7 65.5

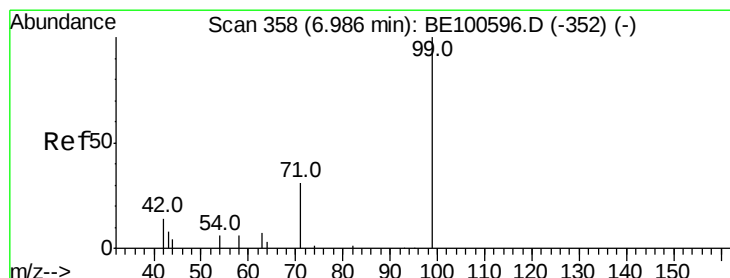
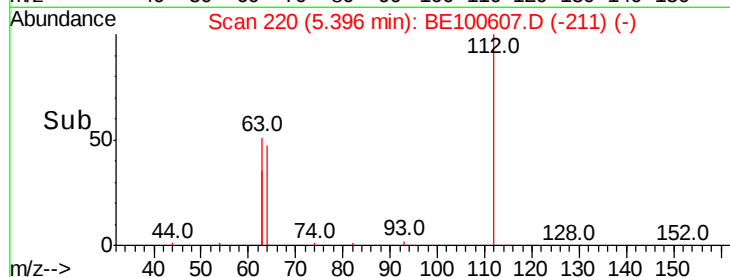
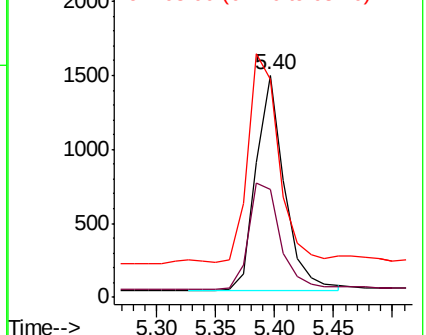
63 104.2 84.5 126.7



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: 0.179 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

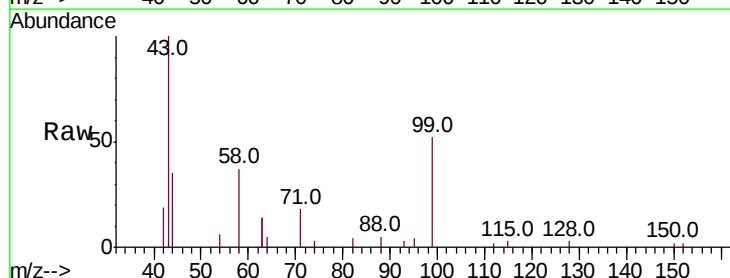
Tgt Ion: 99 Resp: 2348

Ion Ratio Lower Upper

99 100

42 0.0 11.7 17.5#

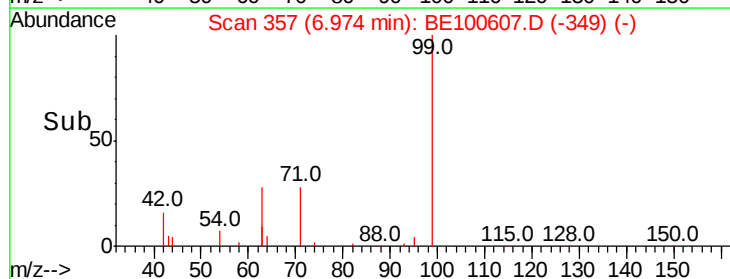
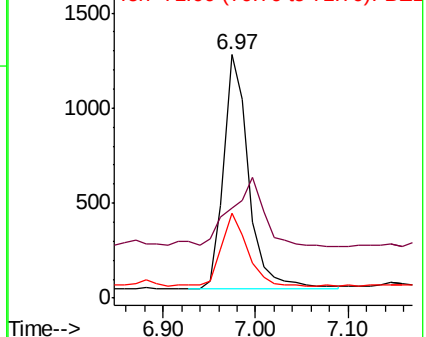
71 31.3 23.0 34.4

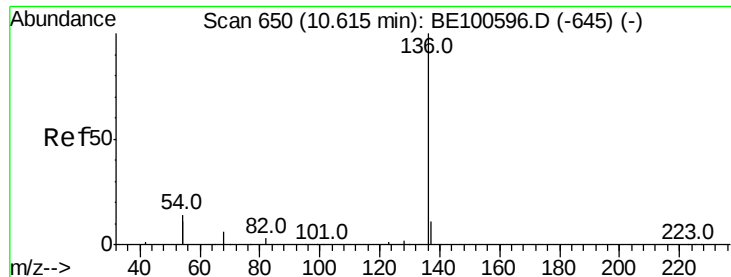


Abundance Ion 99.00 (98.70 to 99.70): BE1

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# 650

Delta R.T. 0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17085

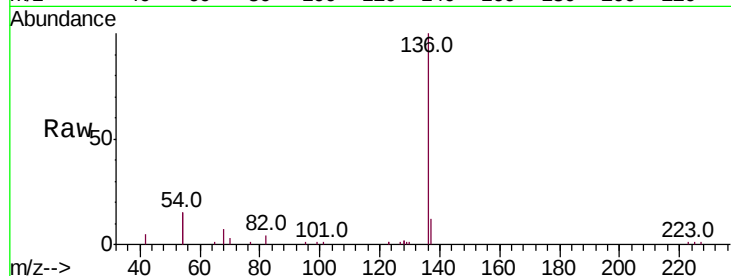
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 29.1 22.4 33.6

68 6.9 5.2 7.8

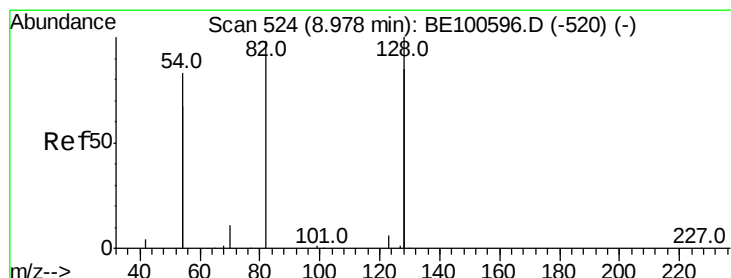
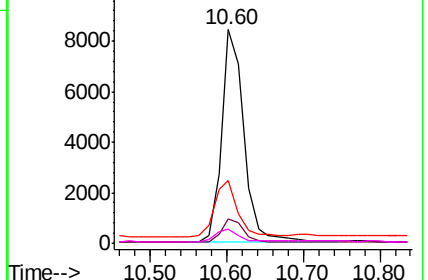
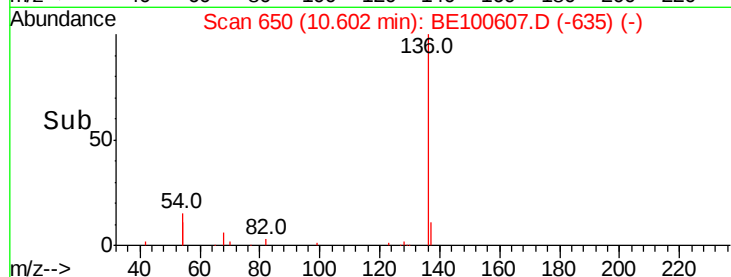


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.323 ng

RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

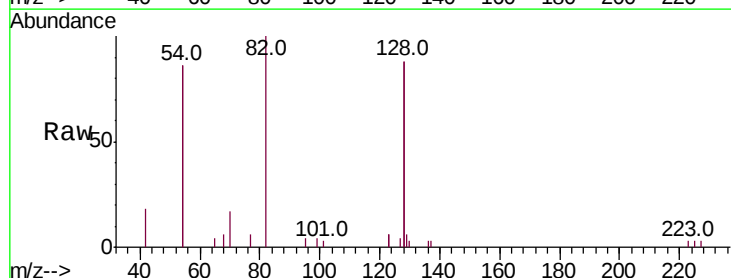
Tgt Ion: 82 Resp: 3442

Ion Ratio Lower Upper

82 100

128 175.4 154.7 232.1

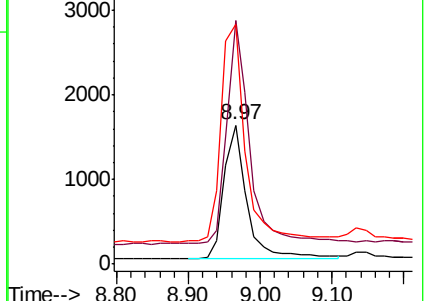
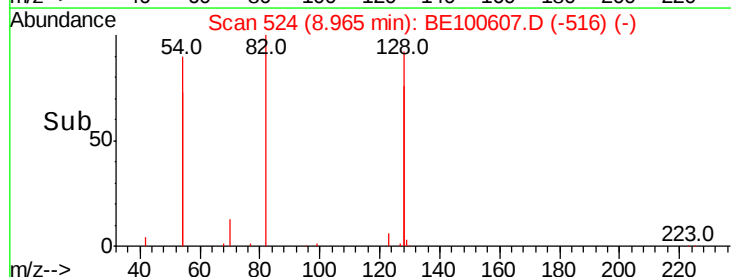
54 172.6 128.5 192.7

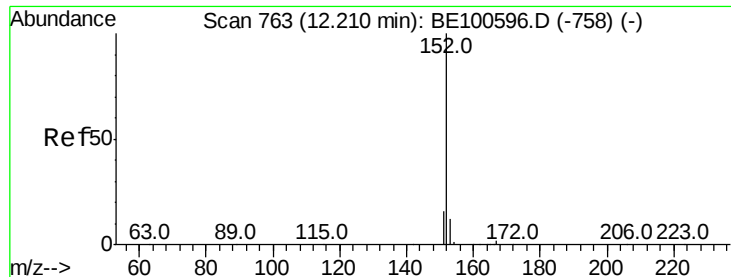


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 12.19 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_E

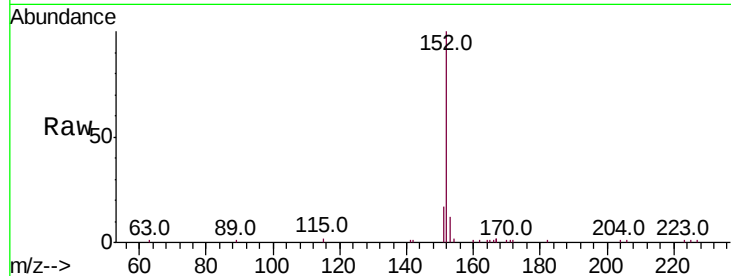
ClientSampled :

Tot Ion:152 Resp: 9332

Ion Ratio Lower Upper

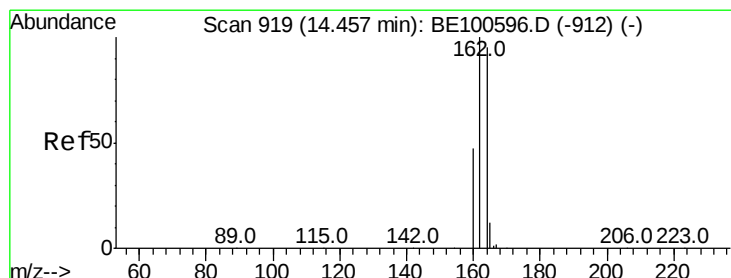
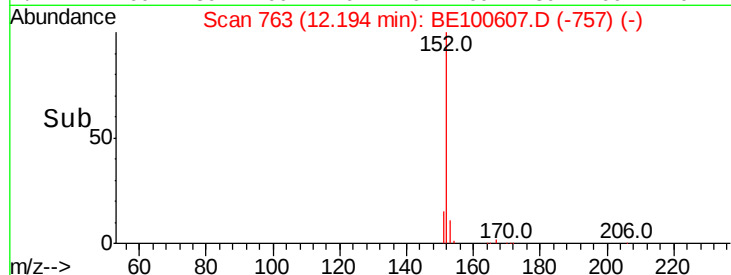
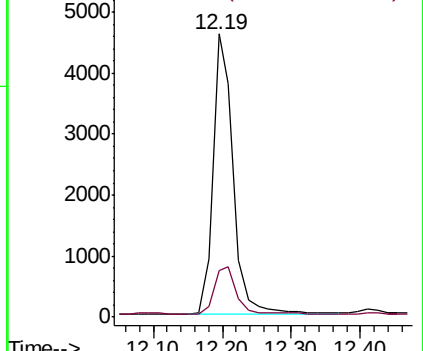
152 100

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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

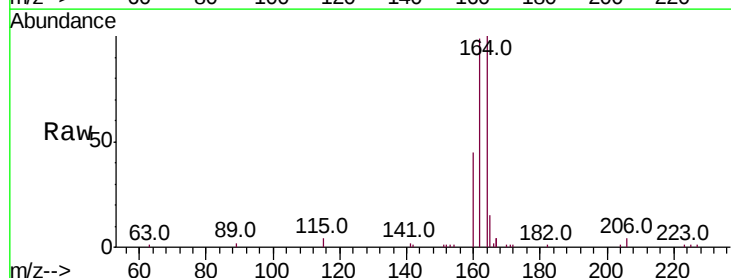
Tgt Ion:164 Resp: 10061

Ion Ratio Lower Upper

164 100

162 98.6 84.2 126.4

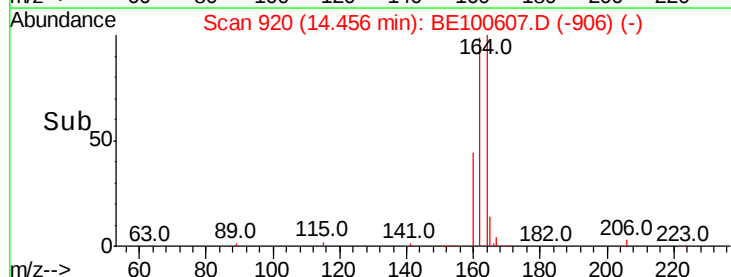
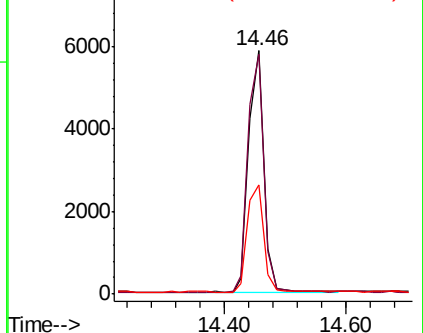
160 44.7 40.2 60.4

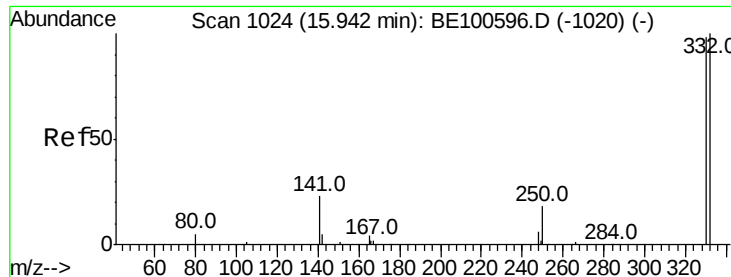


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.047 ng

RT: 15.93 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_E

ClientSampleId :

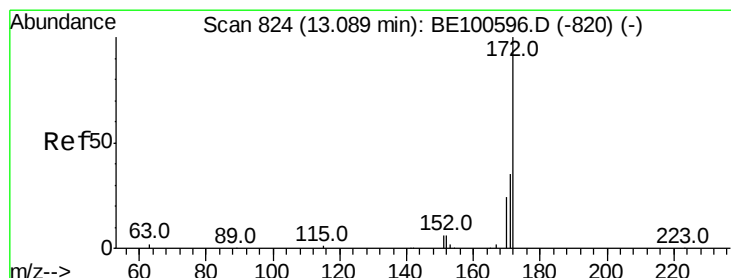
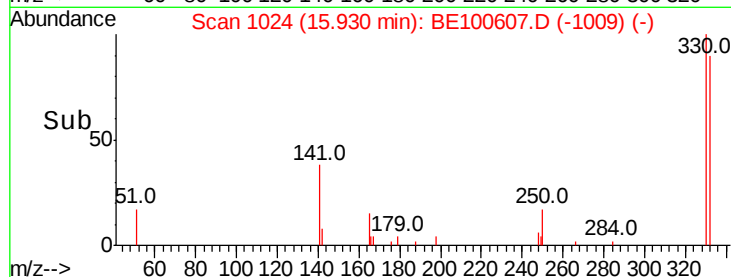
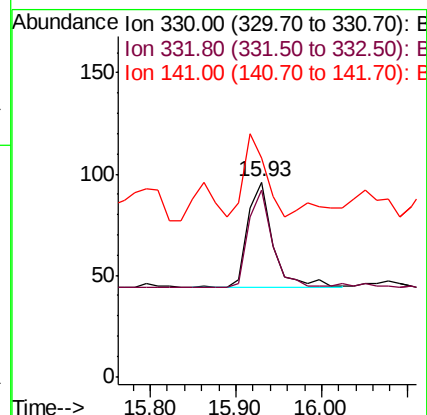
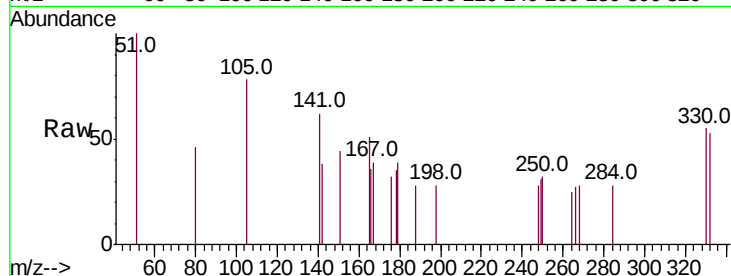
Tot Ion:330 Resp: 107

Ion Ratio Lower Upper

330 100

332 86.9 78.5 117.7

141 65.4 39.4 59.0#



#15

2-Fluorobiphenyl

Concen: 0.438 ng

RT: 13.09 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

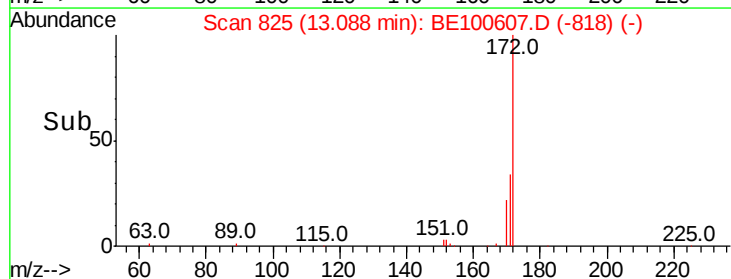
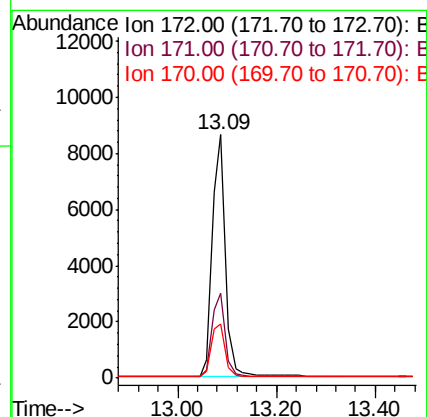
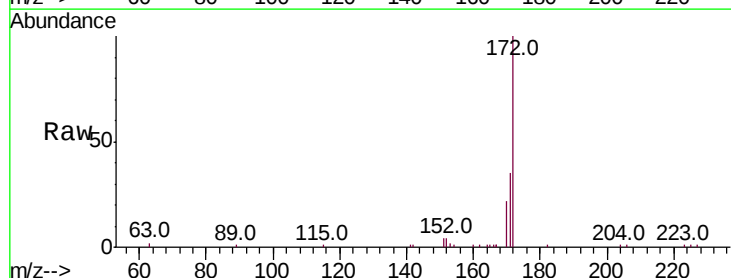
Tgt Ion:172 Resp: 16001

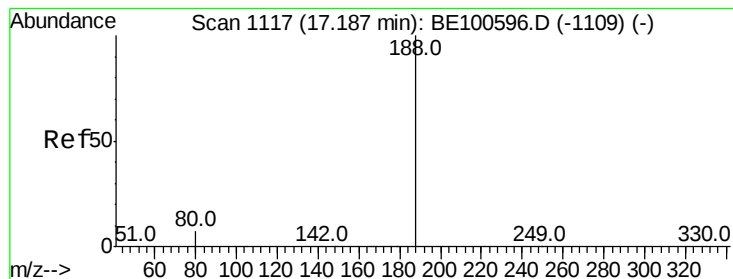
Ion Ratio Lower Upper

172 100

171 34.7 28.7 43.1

170 22.1 19.8 29.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.17 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

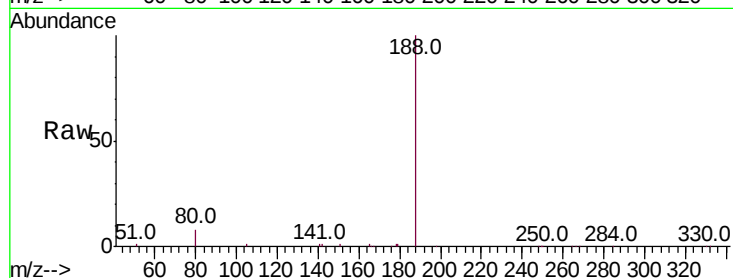
Instrument :

BNA_E

ClientSampleId :

Tot Ion:188 Resp: 22625

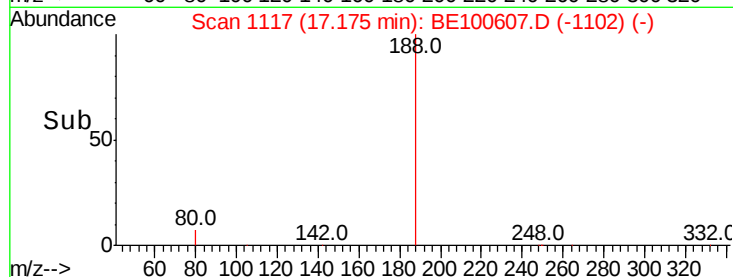
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.8	6.2	9.2



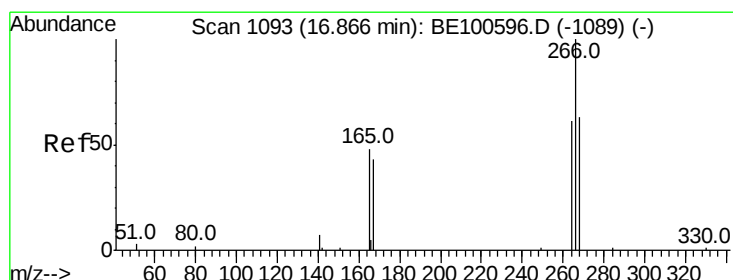
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



Time-->



#22

Pentachlorophenol

Concen: 0.340 ng

RT: 16.84 min Scan# 1092

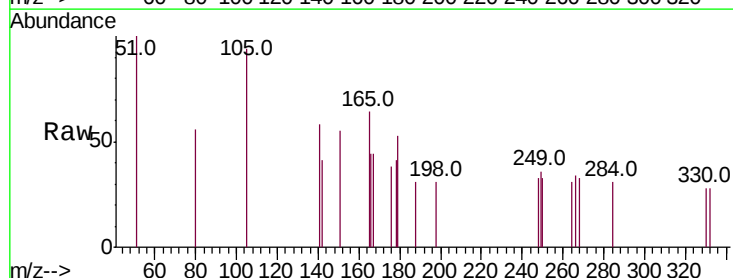
Delta R.T. -0.01 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

Tgt Ion:266 Resp: 9

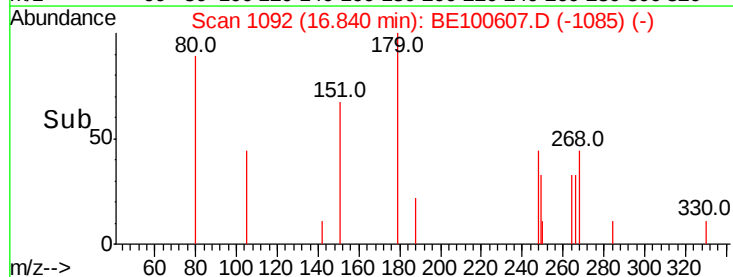
Ion	Ratio	Lower	Upper
266	100		
264	90.7	56.3	84.5#
268	98.1	60.3	90.5#



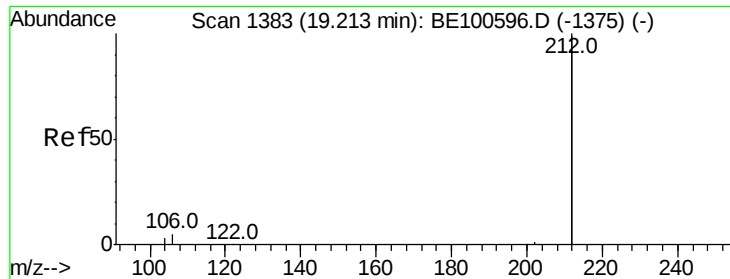
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.416 ng

RT: 19.20 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_E

ClientSampleId :

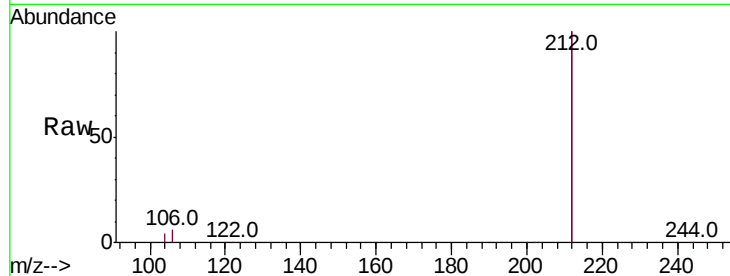
Tot Ion:212 Resp: 116204

Ion Ratio Lower Upper

212 100

106 3.0 2.3 3.5

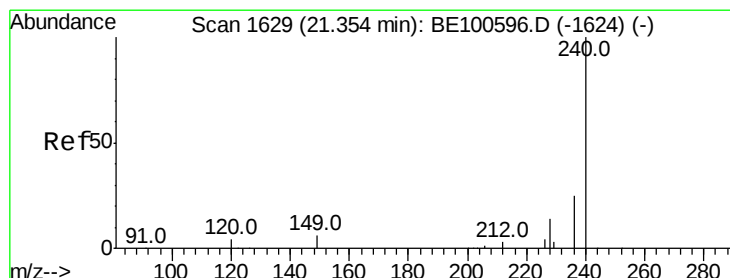
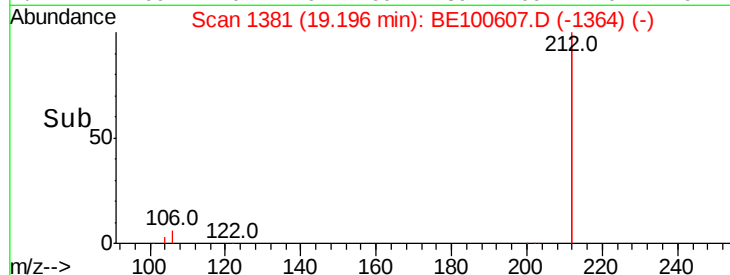
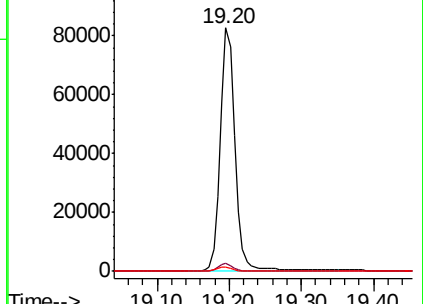
104 1.7 1.3 1.9



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# 1628

Delta R.T. -0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

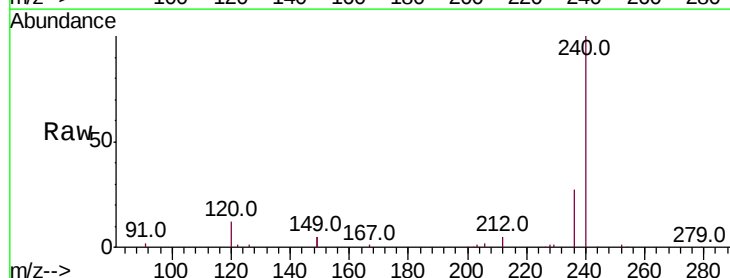
Tgt Ion:240 Resp: 30195

Ion Ratio Lower Upper

240 100

120 11.8 3.6 5.4#

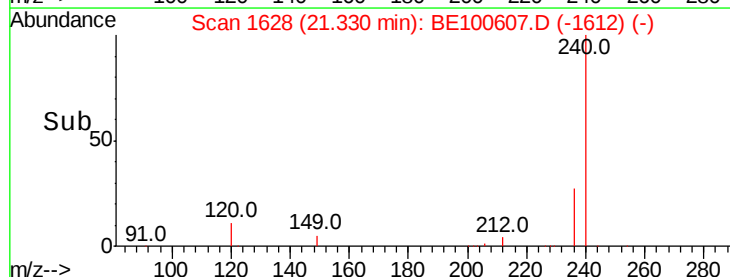
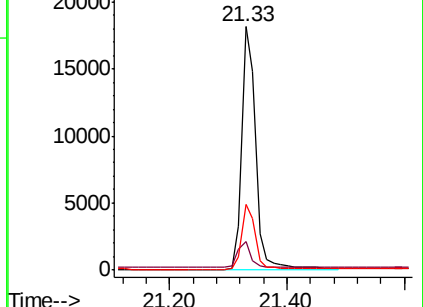
236 27.1 20.5 30.7

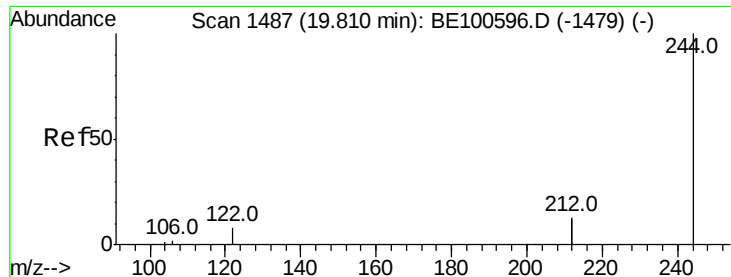


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.438 ng

RT: 19.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_E

ClientSampleId :

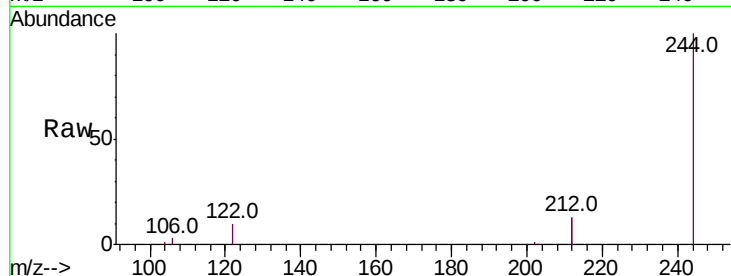
Tot Ion:244 Resp: 29237

Ion Ratio Lower Upper

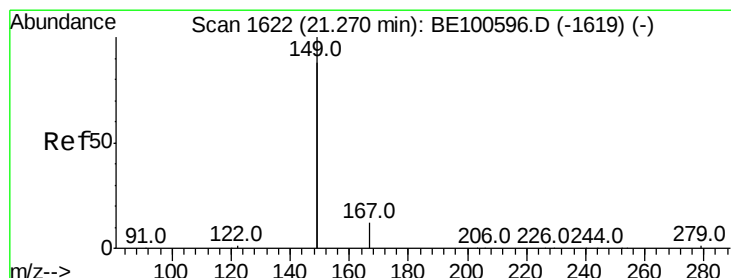
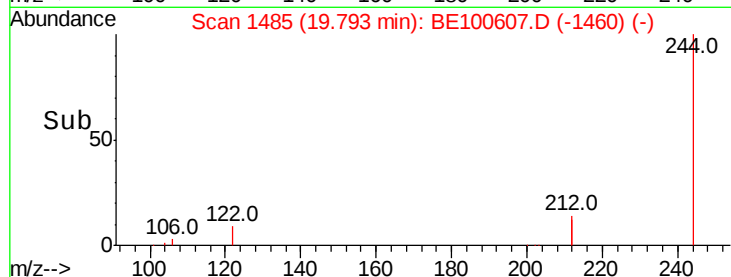
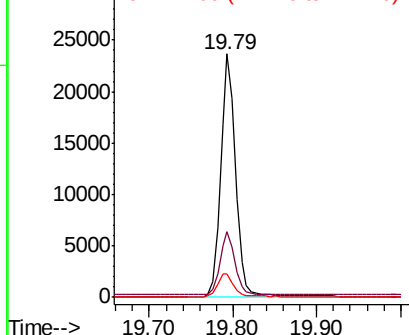
244 100

212 27.0 20.6 31.0

122 9.7 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: 0.073 ng

RT: 21.26 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE100607.D

Acq: 8 Oct 2019 14:11

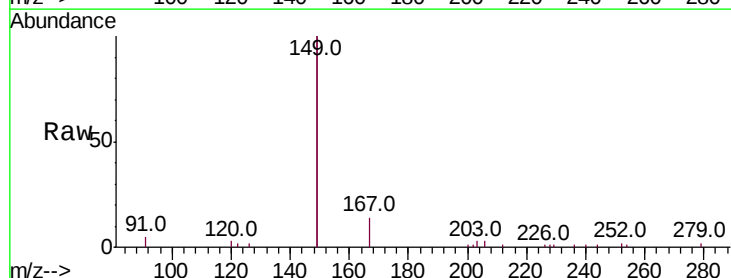
Tgt Ion:149 Resp: 11704

Ion Ratio Lower Upper

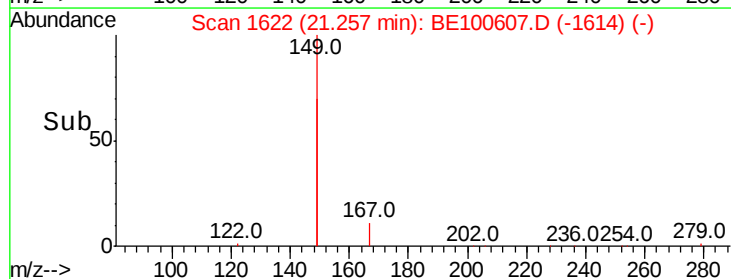
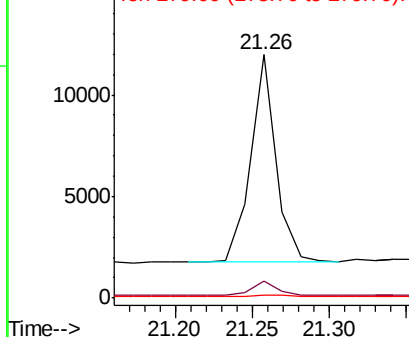
149 100

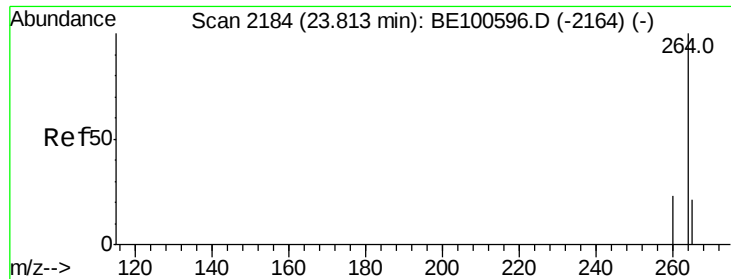
167 6.8 5.4 8.0

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

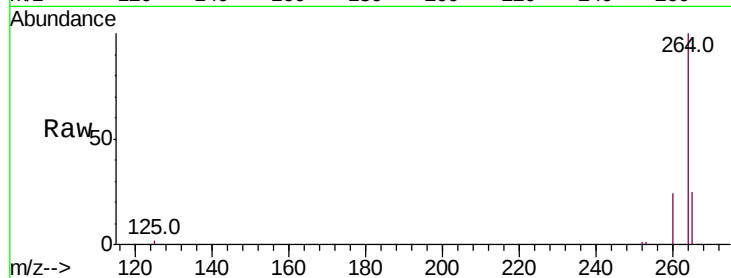




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.78 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BE100607.D
 Acq: 8 Oct 2019 14:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 264 Resp: 34916
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 25.1 20.9 31.3



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

