

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100862.D
 Acq On : 12 Dec 2019 1:29
 Operator : JU
 Sample : K6184-05DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20191204DL

Quant Time: Dec 12 04:44:21 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

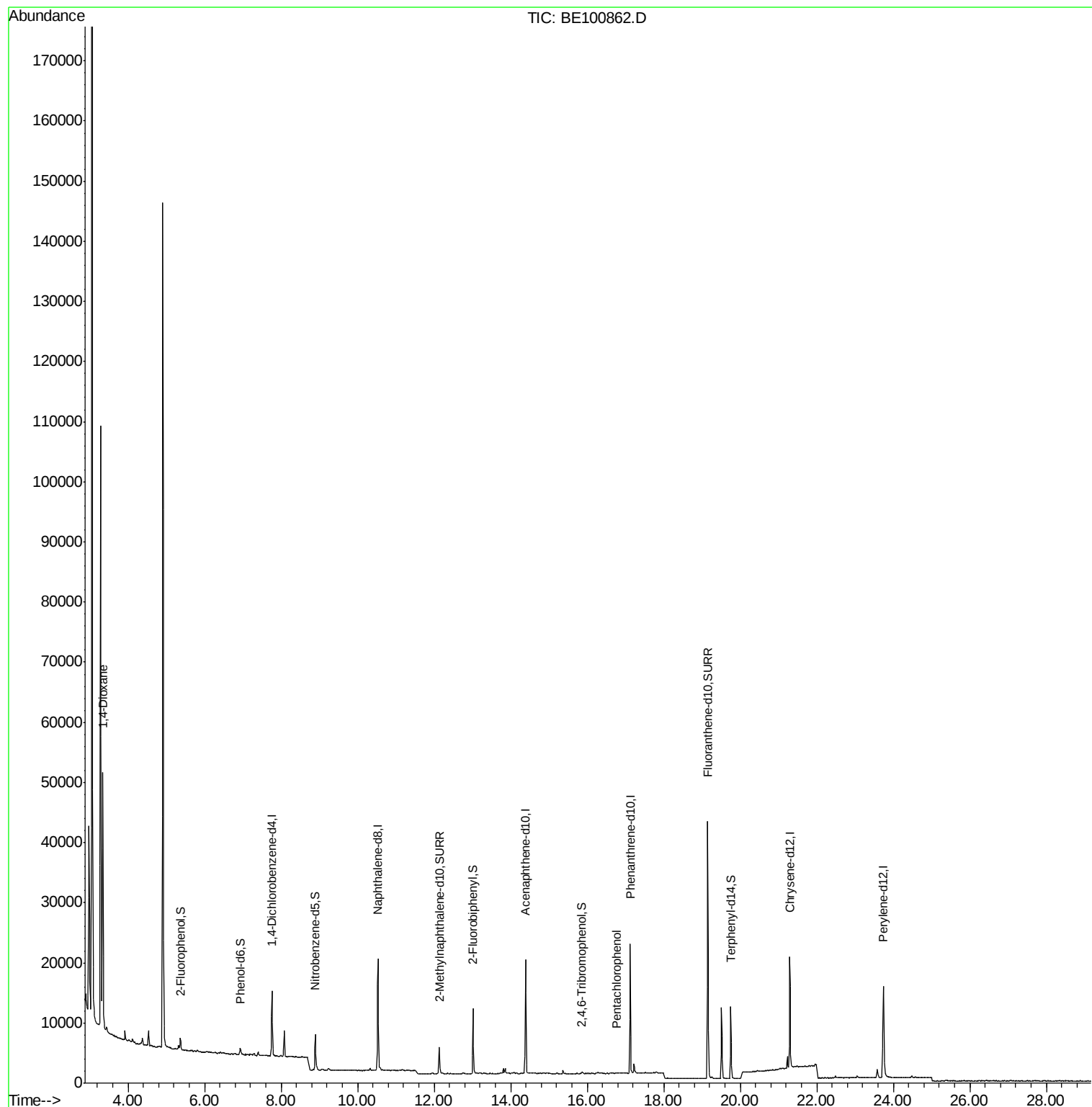
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4495	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	21741	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	11894	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	26990	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	19566	0.40	ng	-0.01
34) Perylene-d12	23.74	264	23047	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1008	0.09	ng	0.00
5) Phenol-d6	6.93	99	1008	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	2462	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	6662	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	186	0.14	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	9553	0.20	ng	-0.01
25) Fluoranthene-d10	19.15	212	54875	0.17	ng	-0.01
29) Terphenyl-d14	19.75	244	10493	0.22	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.34	88	28462	3.473	ng	Qvalue 90
22) Pentachlorophenol	16.76	266	22	0.022	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.23	149	2514	Below Cal	#	91

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

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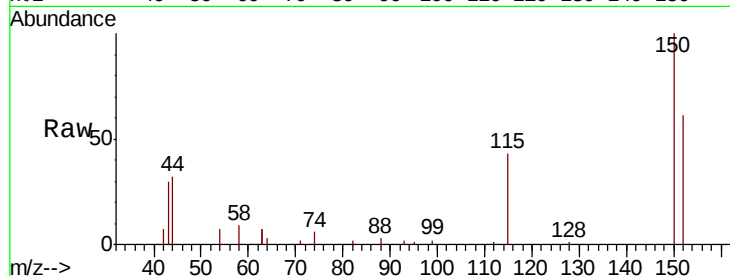


#1

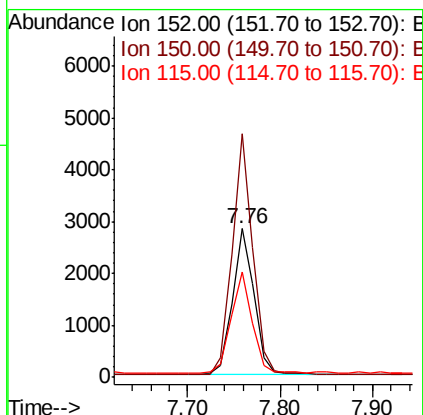
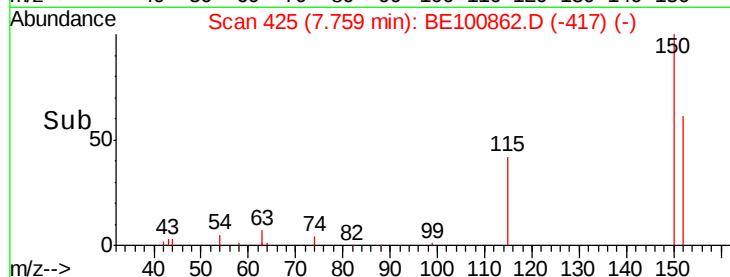
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100862.D
Acq: 12 Dec 2019 1:29

Instrument :
BNA_E
ClientSampleId :
RE103D1-20191204DL

Tot Ion:152 Resp: 4495
Ion Ratio Lower Upper
152 100
150 164.0 120.6 181.0
115 71.0 47.4 71.2



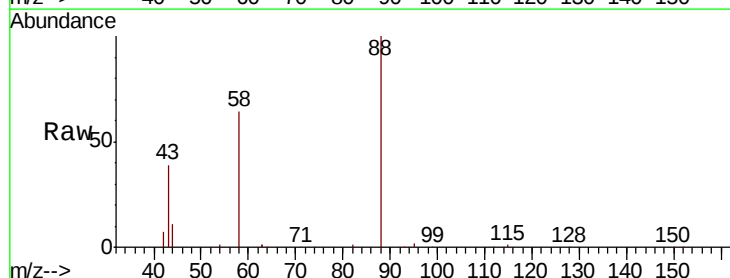
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



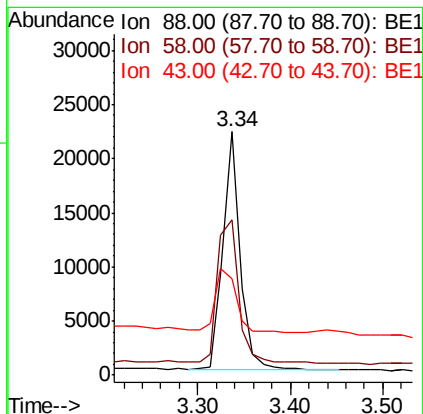
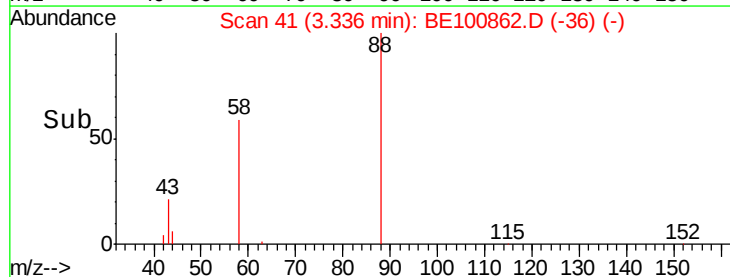
#2

1,4-Dioxane
Concen: 3.473 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100862.D
Acq: 12 Dec 2019 1:29

Tgt Ion: 88 Resp: 28462
Ion Ratio Lower Upper
88 100
58 74.3 52.5 78.7
43 32.7 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





#4

2-Fluorophenol

Concen: 0.095 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100862.D

Acq: 12 Dec 2019 1:29

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204DL

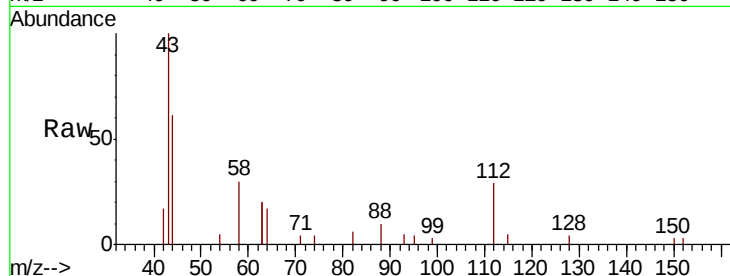
Tot Ion:112 Resp: 1008

Ion Ratio Lower Upper

112 100

64 66.0 54.1 81.1

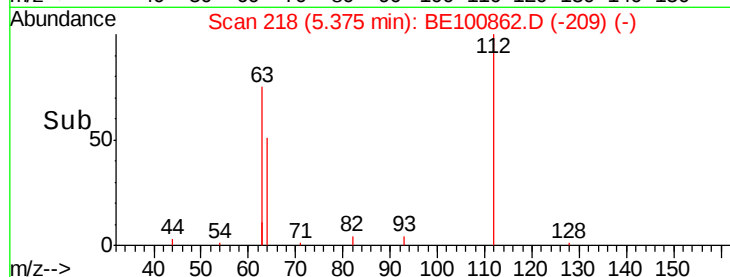
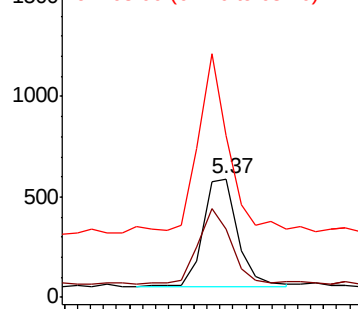
63 148.1 113.2 169.8



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: 0.063 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100862.D

Acq: 12 Dec 2019 1:29

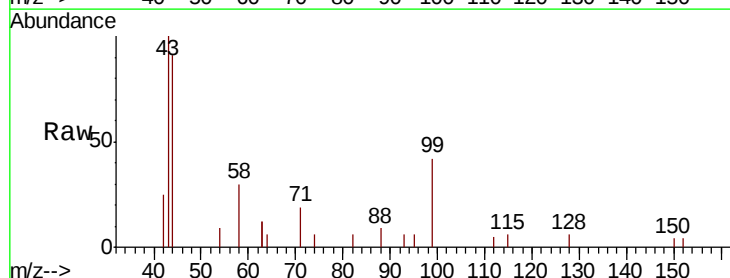
Tgt Ion: 99 Resp: 1008

Ion Ratio Lower Upper

99 100

42 31.6 19.1 28.7#

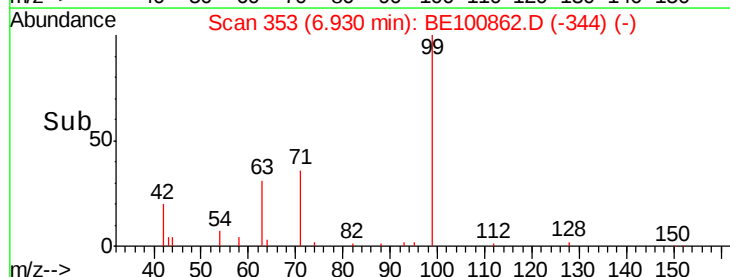
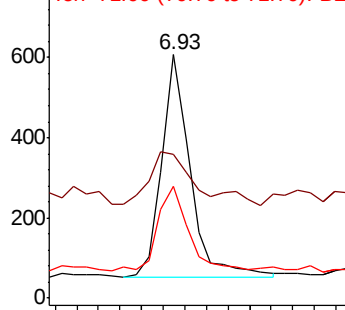
71 40.2 27.7 41.5

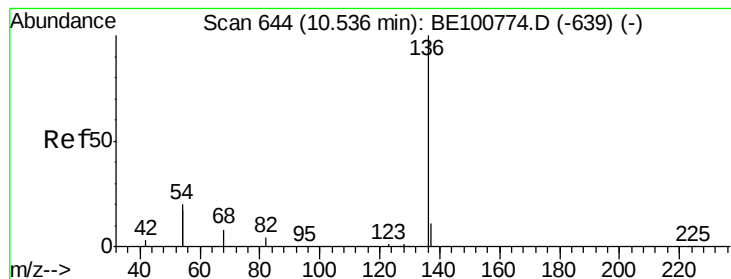


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100862.D

Acq: 12 Dec 2019 1:29

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204DL

Tot Ion:136 Resp: 21741

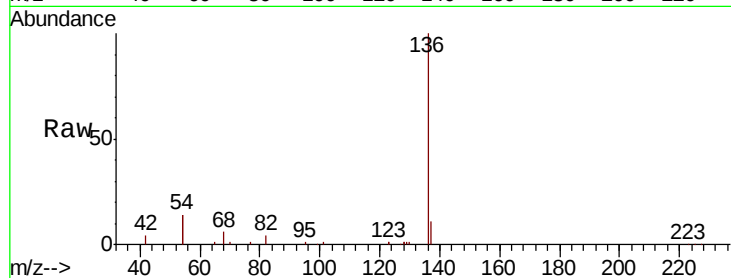
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 28.2 31.1 46.7#

68 6.4 6.6 10.0#

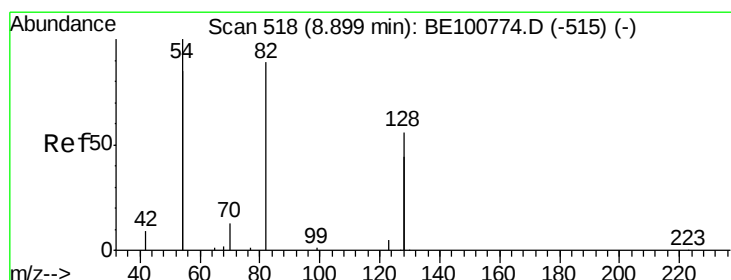
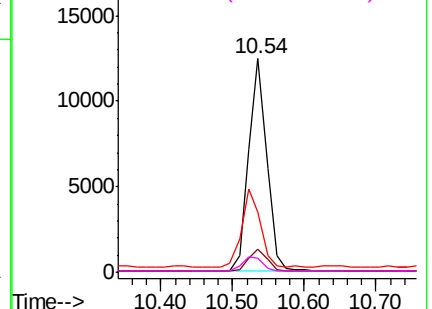
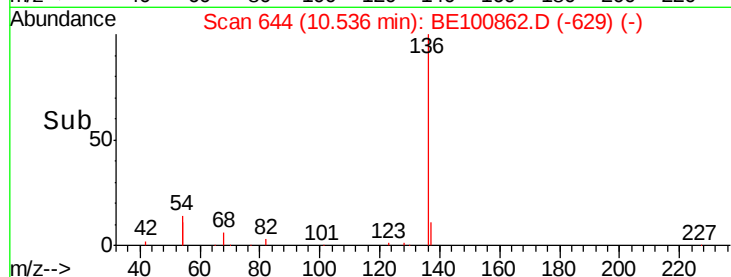


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.238 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100862.D

Acq: 12 Dec 2019 1:29

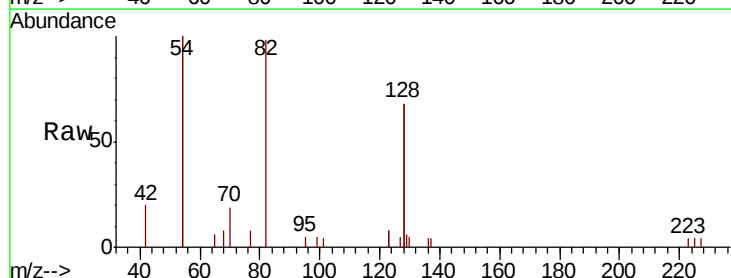
Tgt Ion: 82 Resp: 2462

Ion Ratio Lower Upper

82 100

128 137.3 97.0 145.4

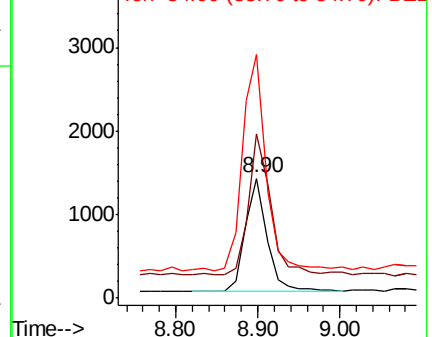
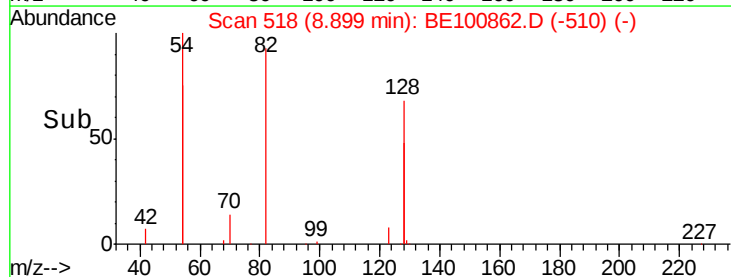
54 203.3 171.8 257.6



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: 0.211 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100862.D

Acq: 12 Dec 2019 1:29

Instrument :

BNA_E

ClientSampleId :

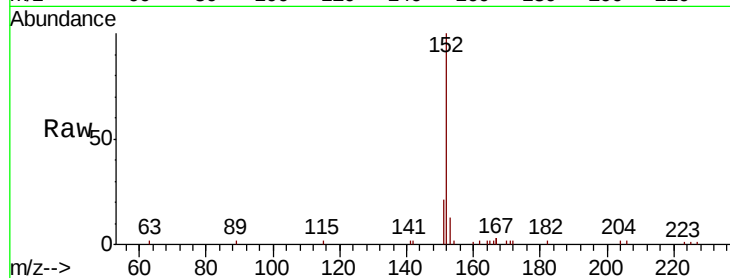
RE103D1-20191204DL

Tot Ion:152 Resp: 6662

Ion Ratio Lower Upper

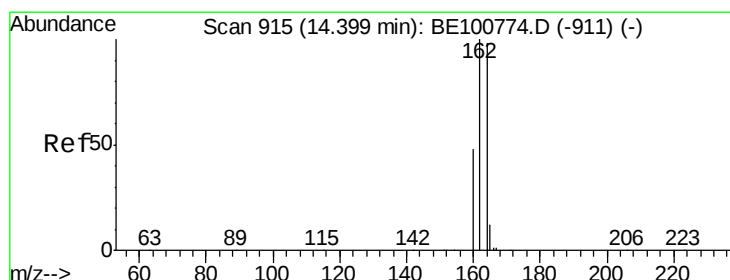
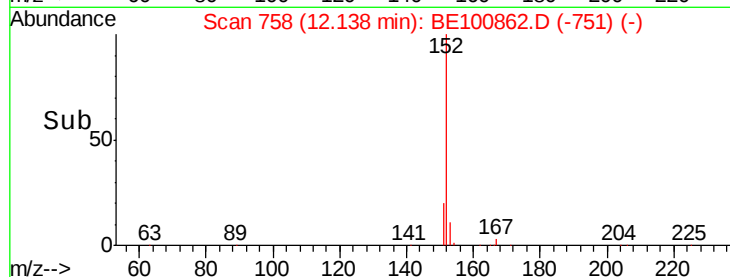
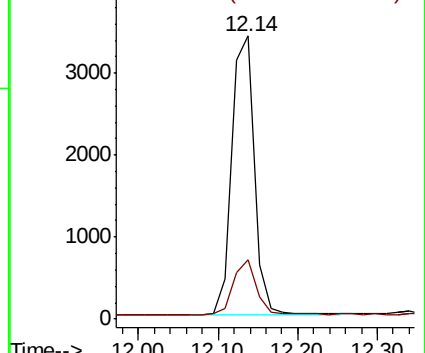
152 100

151 20.5 15.8 23.8



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: 14.39 min Scan# 914

Delta R.T. -0.01 min

Lab File: BE100862.D

Acq: 12 Dec 2019 1:29

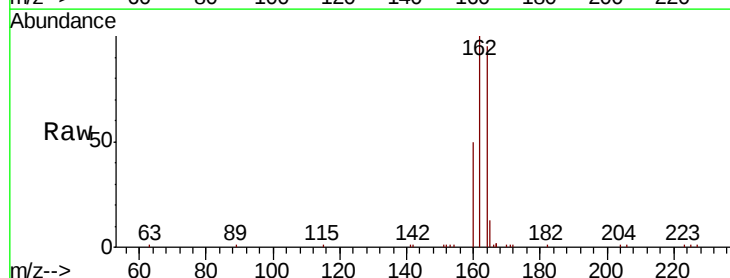
Tgt Ion:164 Resp: 11894

Ion Ratio Lower Upper

164 100

162 105.1 81.4 122.0

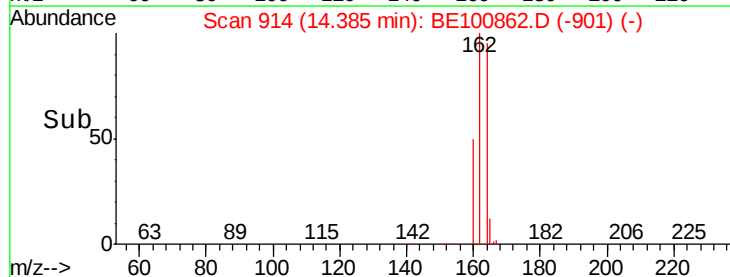
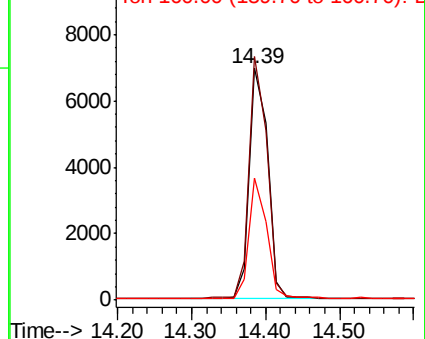
160 52.8 39.4 59.0



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

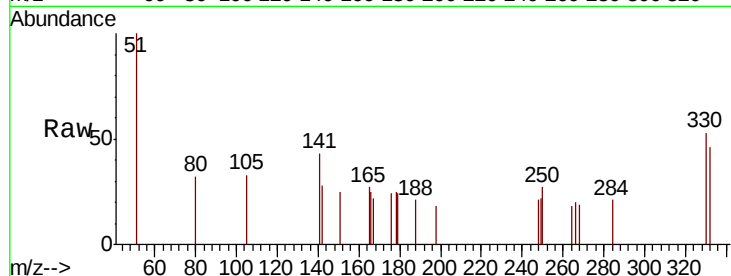




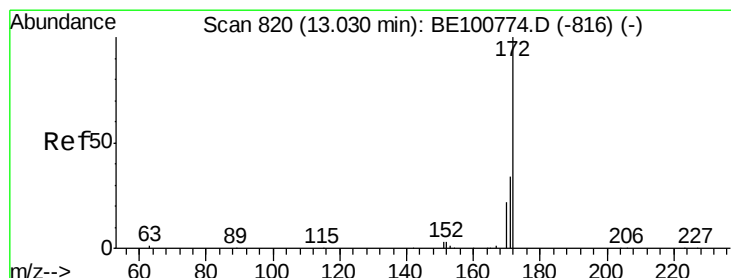
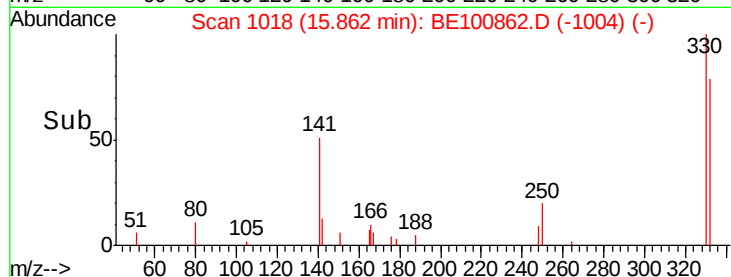
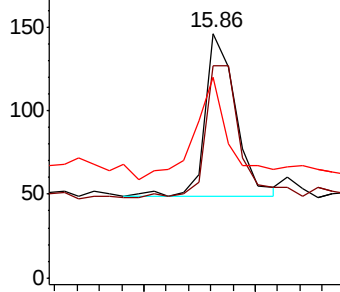
#14
 2,4,6-Tribromophenol
 Concen: 0.141 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100862.D
 Acq: 12 Dec 2019 1:29

Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20191204DL

Tot Ion:330 Resp: 186
 Ion Ratio Lower Upper
 330 100
 332 93.5 69.4 104.2
 141 69.4 51.1 76.7

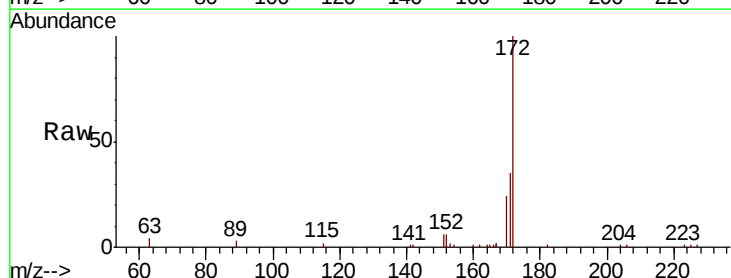


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

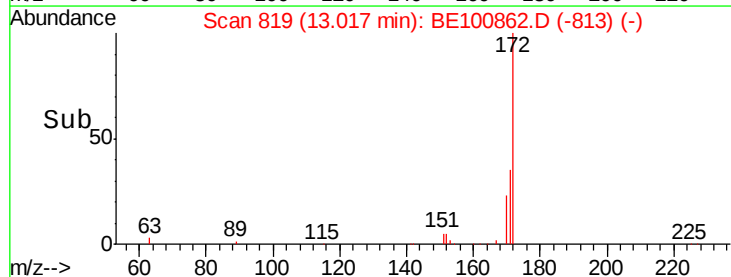
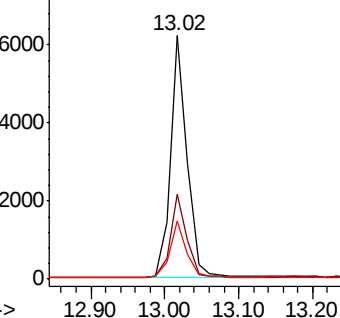


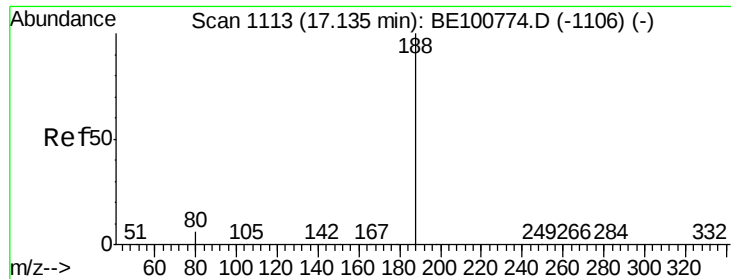
#15
 2-Fluorobiphenyl
 Concen: 0.202 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100862.D
 Acq: 12 Dec 2019 1:29

Tgt Ion:172 Resp: 9553
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.2 40.8
 170 23.7 18.0 27.0



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

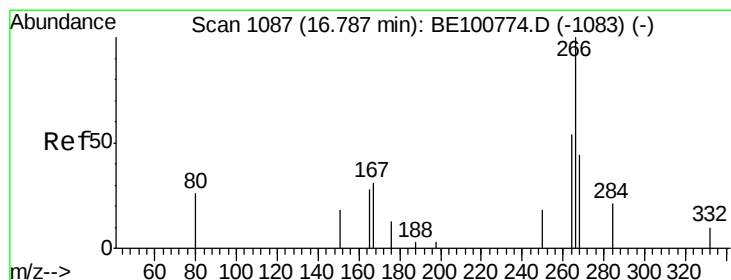
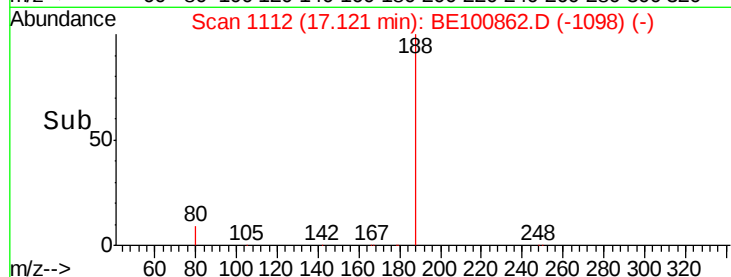
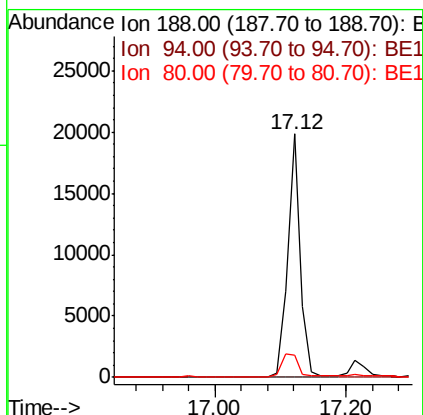
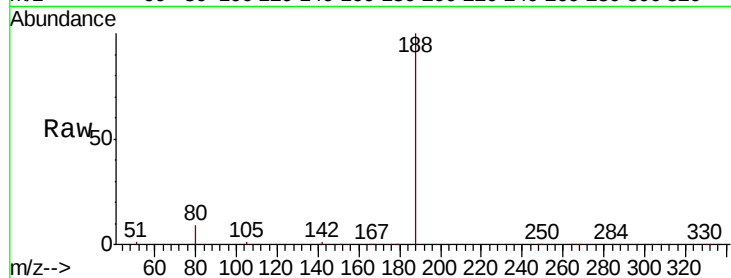




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100862.D
Acq: 12 Dec 2019 1:29

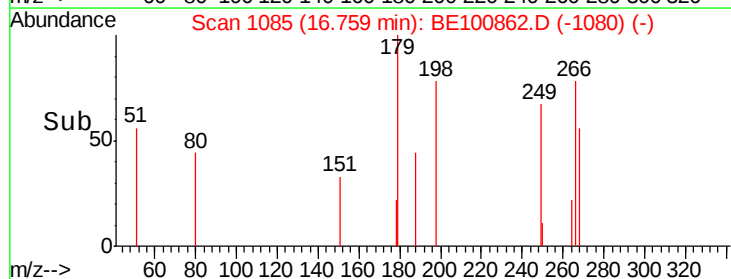
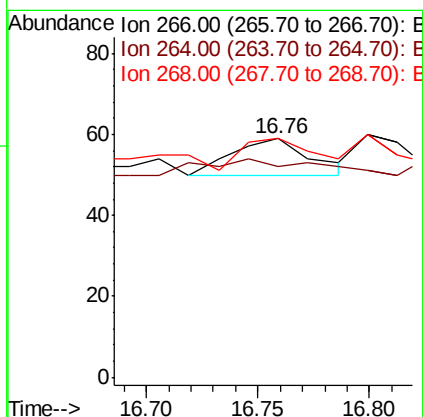
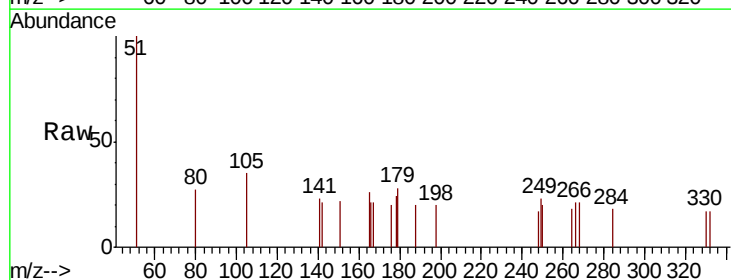
Instrument :
BNA_E
ClientSampleId :
RE103D1-20191204DL

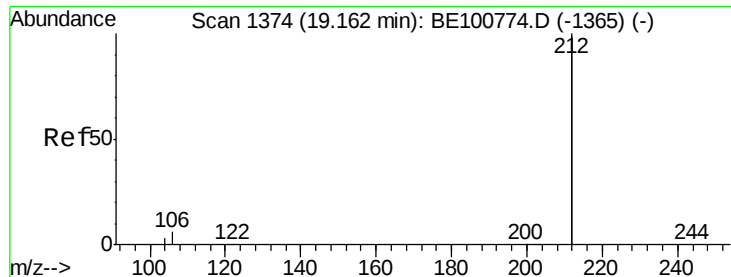
Tot Ion:188 Resp: 26990
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 5.2 7.8#



#22
Pentachlorophenol
Concen: 0.022 ng
RT: 16.76 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BE100862.D
Acq: 12 Dec 2019 1:29

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
264 88.1 63.4 95.0
268 100.0 65.8 98.8#

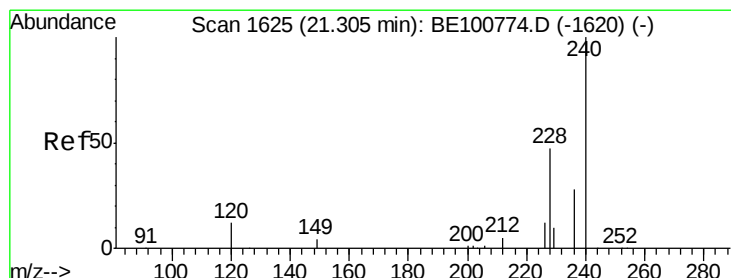
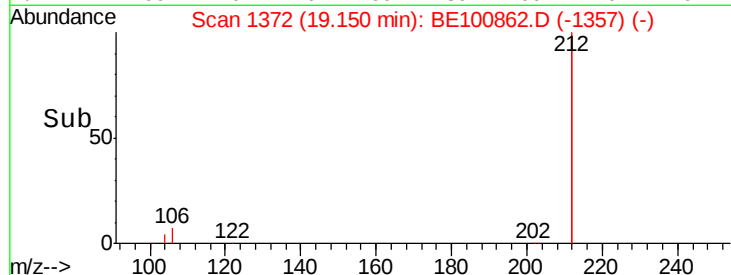
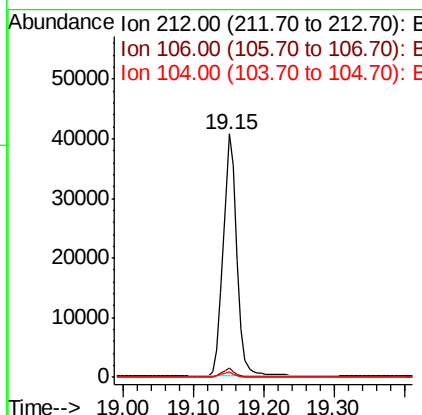
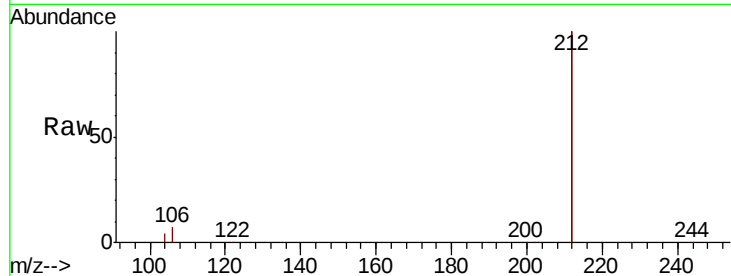




#25
 Fluoranthene-d10
 Concen: 0.172 ng
 RT: 19.15 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BE100862.D
 Acq: 12 Dec 2019 1:29

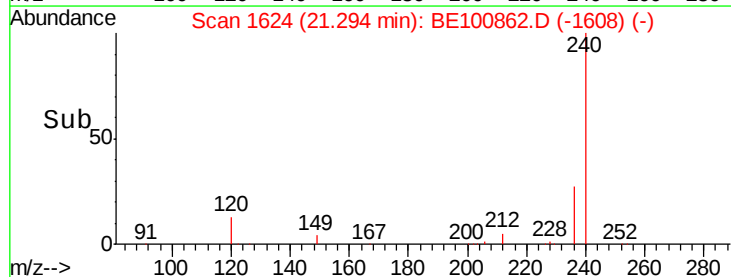
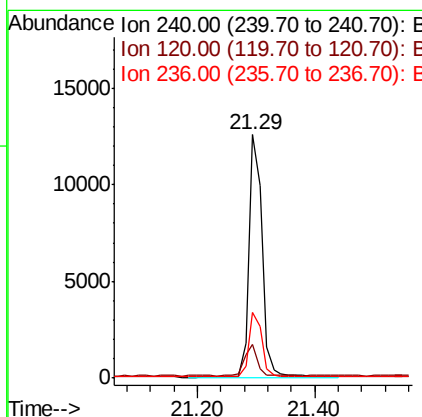
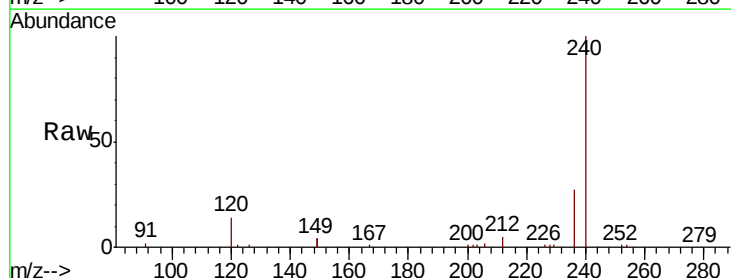
Instrument :
 BNA_E
 ClientSampleId :
 RE103D1-20191204DL

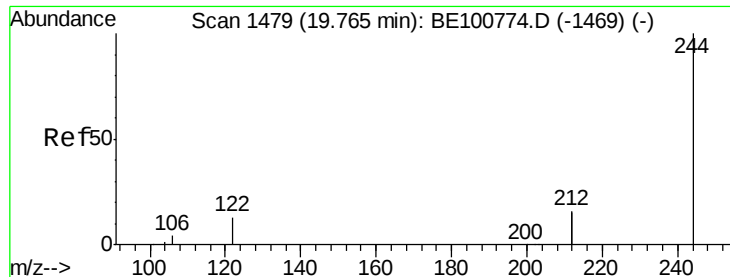
Tot Ion:212 Resp: 54875
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.6 3.8
 104 1.9 1.4 2.2



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE100862.D
 Acq: 12 Dec 2019 1:29

Tgt Ion:240 Resp: 19566
 Ion Ratio Lower Upper
 240 100
 120 13.8 10.2 15.2
 236 27.0 22.3 33.5





#29

Terphenyl-d14

Concen: 0.224 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100862.D

Acq: 12 Dec 2019 1:29

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204DL

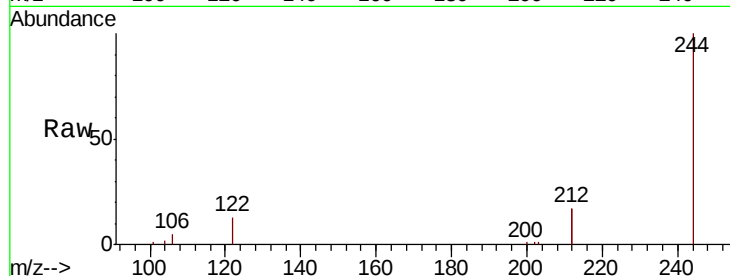
Tot Ion:244 Resp: 10493

Ion Ratio Lower Upper

244 100

212 34.3 26.2 39.4

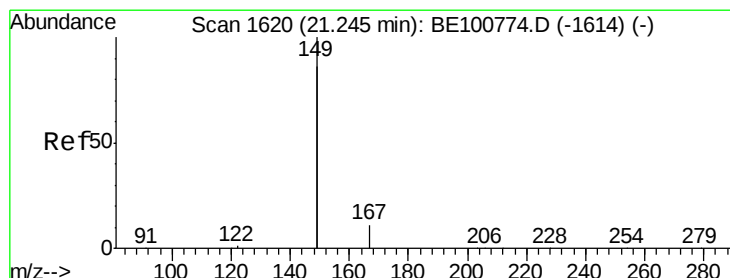
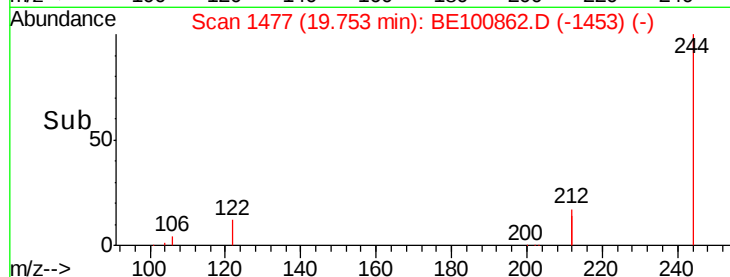
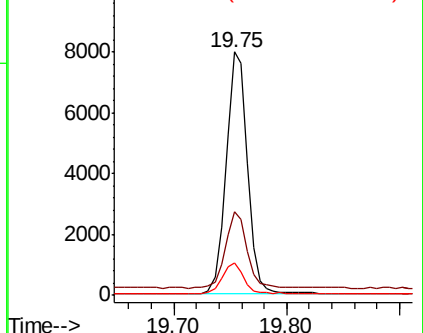
122 13.2 10.2 15.4



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: Below Cal

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100862.D

Acq: 12 Dec 2019 1:29

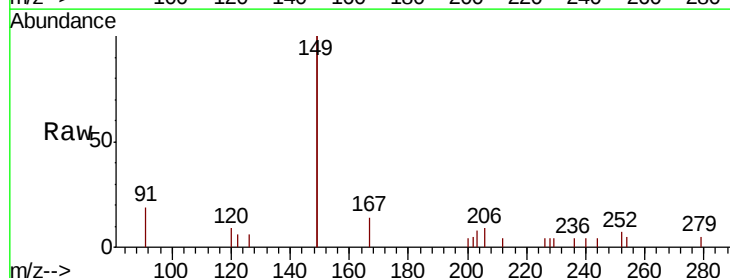
Tgt Ion:149 Resp: 2514

Ion Ratio Lower Upper

149 100

167 9.6 5.0 7.6#

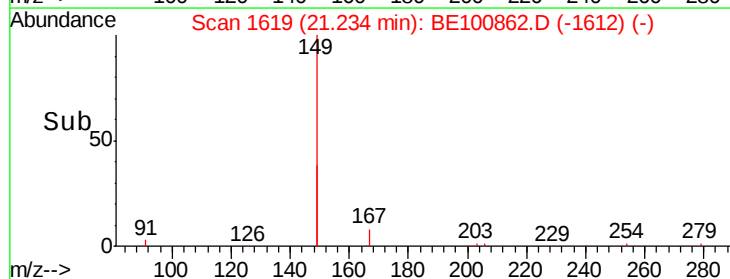
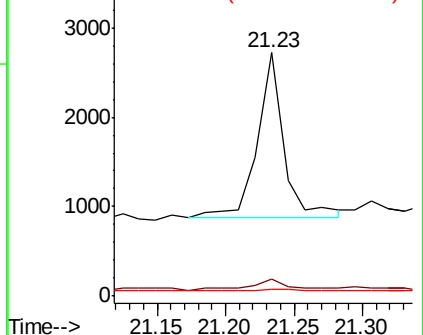
279 1.4 0.7 1.1#

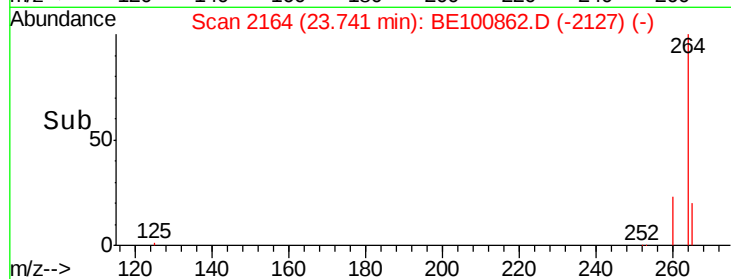
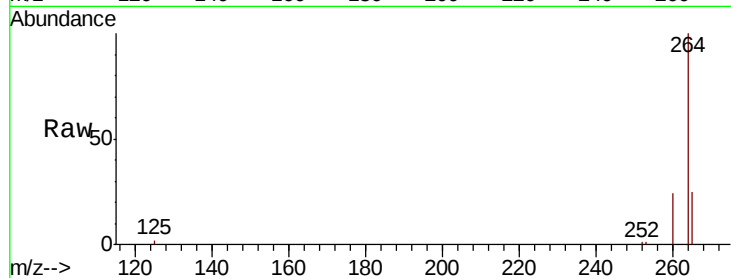


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2164

Delta R.T. -0.02 min

Lab File: BE100862.D

Acq: 12 Dec 2019 1:29

Instrument :

BNA_E

ClientSampleId :

RE103D1-20191204DL

Tot Ion: 264 Resp: 23047

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 24.7 21.8 32.8

