

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100830.D
 Acq On : 11 Dec 2019 3:34
 Operator : JU
 Sample : K6184-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20191204

Quant Time: Dec 11 06:58:47 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

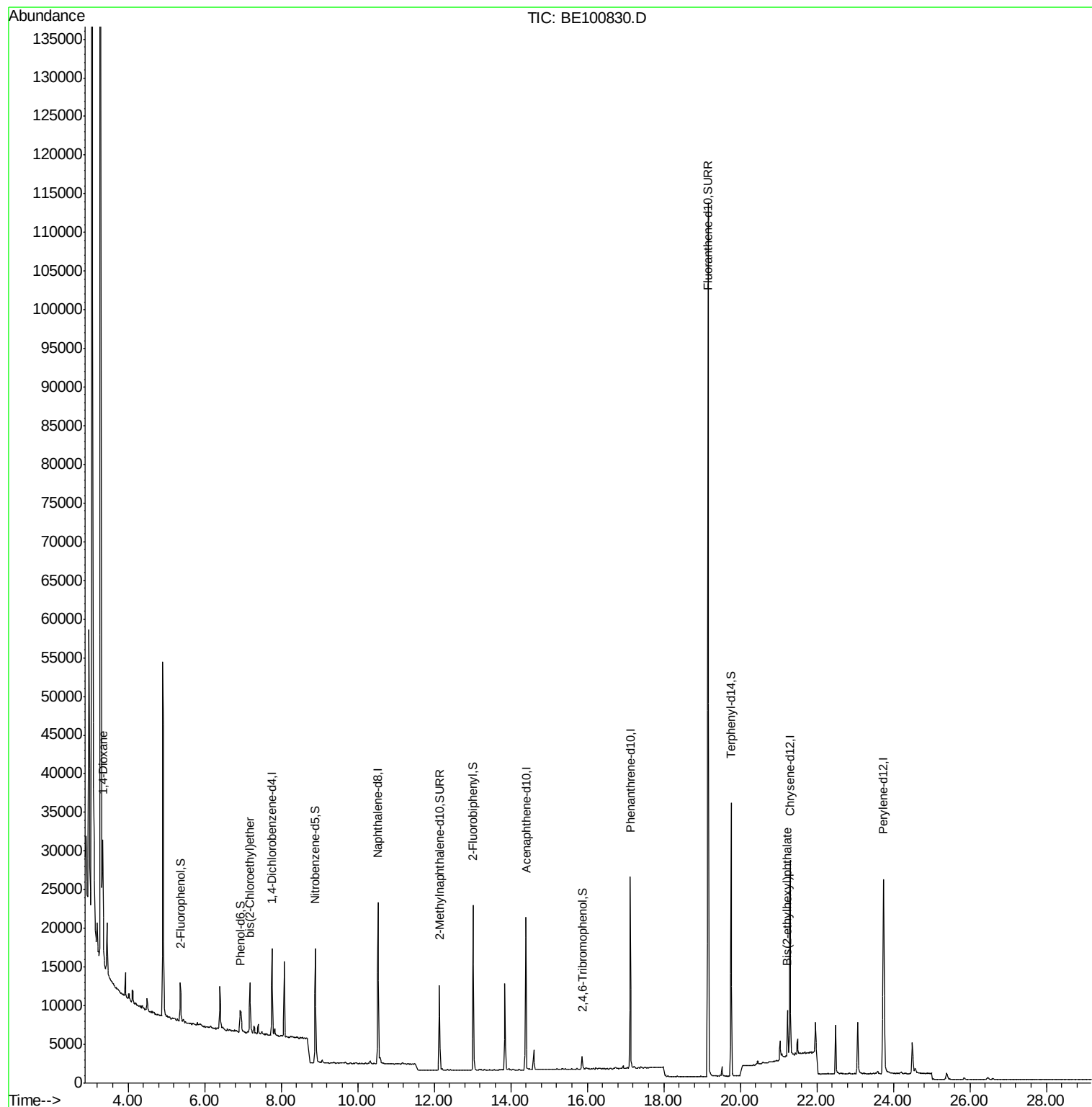
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5002	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	22861	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	13142	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	31300	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	26972	0.40	ng	0.00
34) Perylene-d12	23.75	264	34364	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	2492	0.21	ng	0.00
5) Phenol-d6	6.93	99	2314	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6029	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14323	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1050	0.72	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	20310	0.39	ng	-0.01
25) Fluoranthene-d10	19.16	212	144577	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	28910	0.45	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	8430	0.924	ng	# 76
6) bis(2-Chloroethyl)ether	7.19	93	2368	0.137	ng	# 98
32) Bis(2-ethylhexyl)phthalate	21.23	149	7912	0.096	ng	# 94

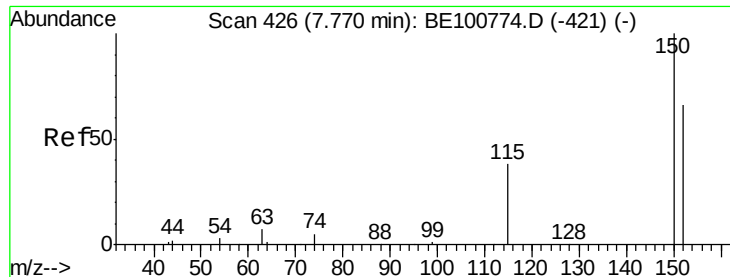
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100830.D

Acq: 11 Dec 2019 3:34

Instrument :

BNA_E

ClientSampleId :

RE104D2-20191204

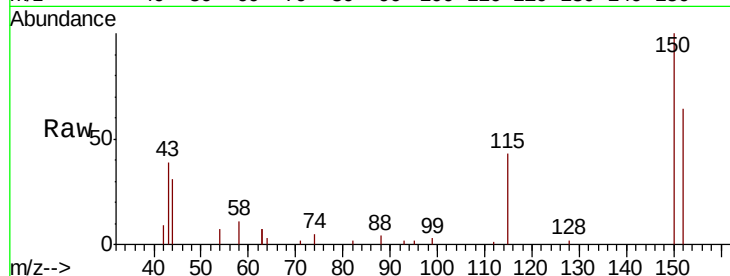
Tot Ion:152 Resp: 5002

Ion Ratio Lower Upper

152 100

150 155.3 120.6 181.0

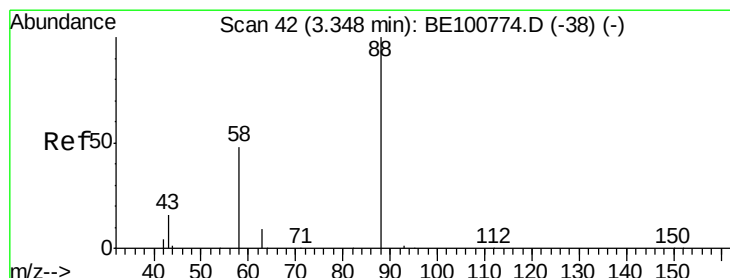
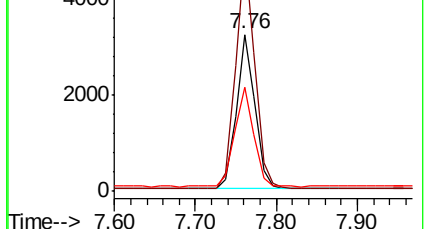
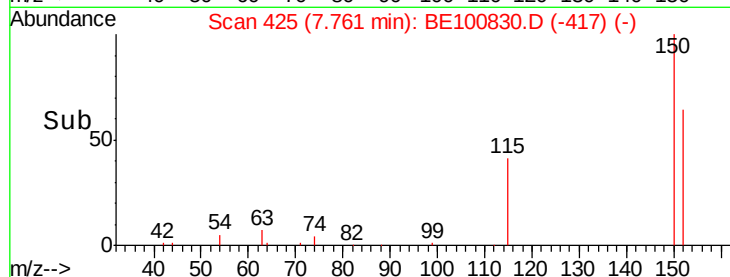
115 66.1 47.4 71.2



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: 0.924 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

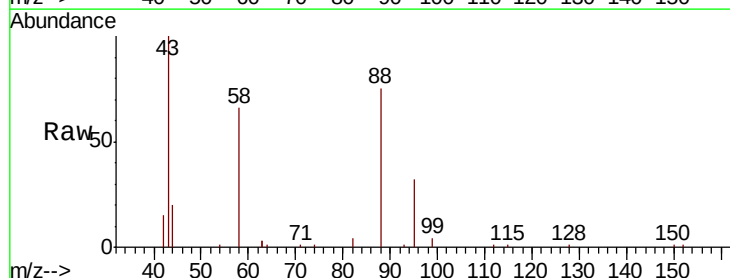
Tgt Ion: 88 Resp: 8430

Ion Ratio Lower Upper

88 100

58 81.0 52.5 78.7#

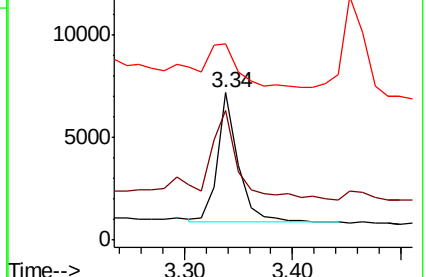
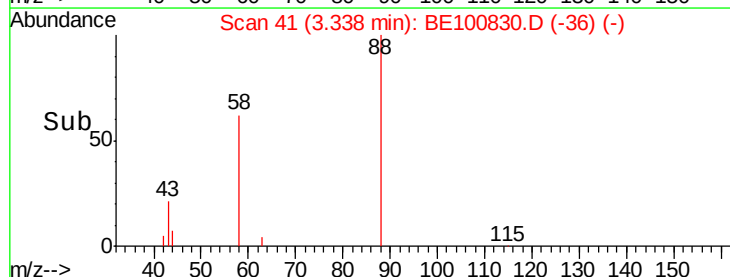
43 46.8 23.0 34.6#

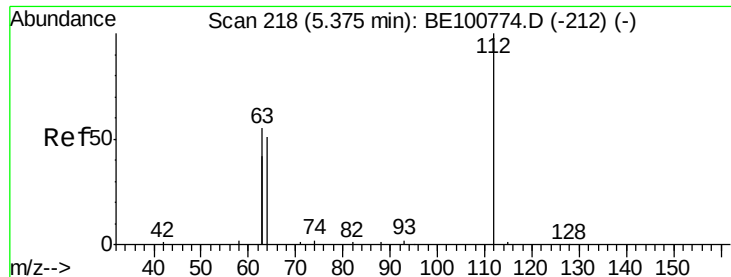


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.210 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

Instrument :

BNA_E

ClientSampleId :

RE104D2-20191204

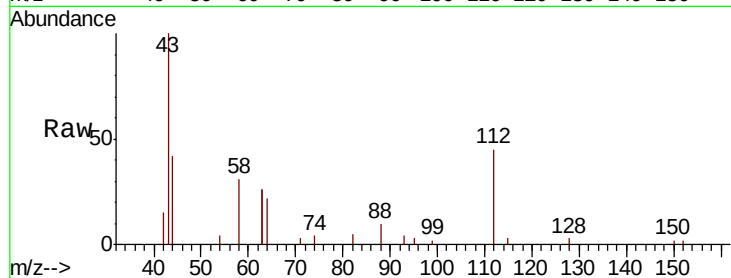
Tot Ion:112 Resp: 2492

Ion Ratio Lower Upper

112 100

64 67.9 54.1 81.1

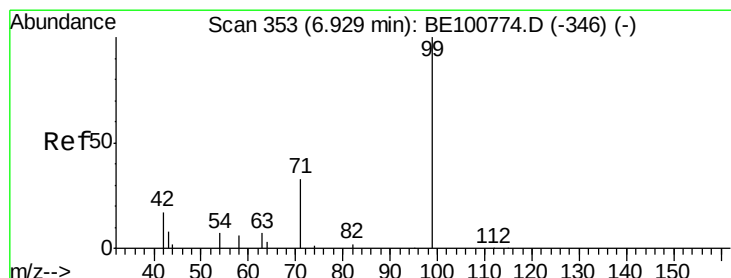
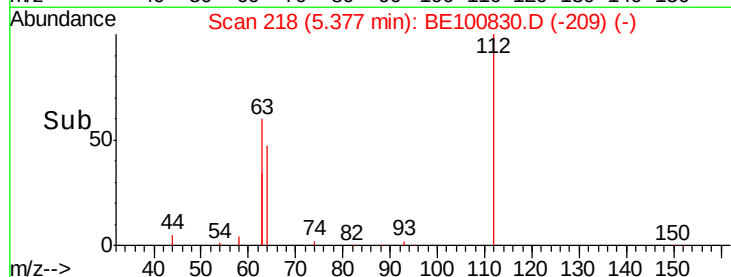
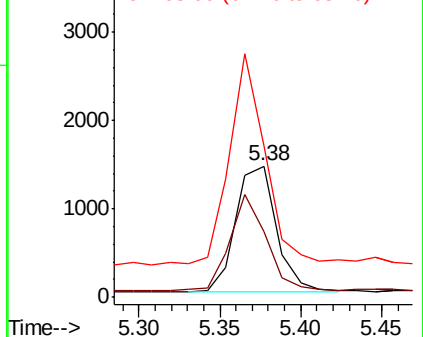
63 147.4 113.2 169.8



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: 0.129 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

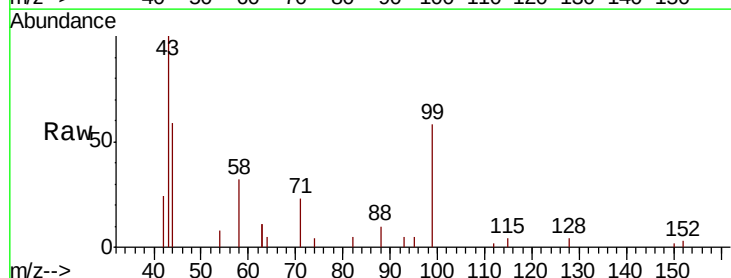
Tgt Ion: 99 Resp: 2314

Ion Ratio Lower Upper

99 100

42 31.0 19.1 28.7#

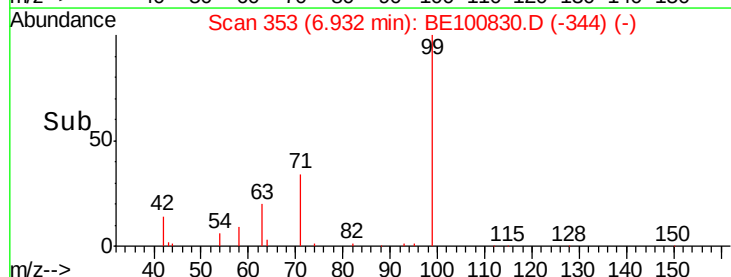
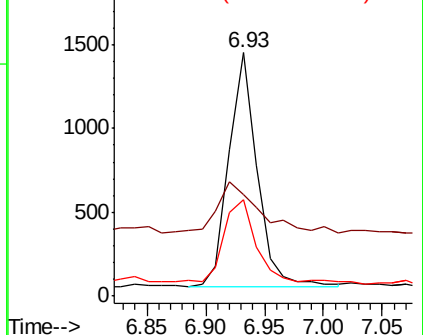
71 40.1 27.7 41.5

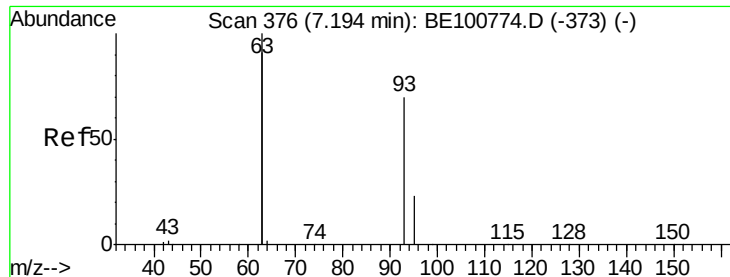


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.137 ng

RT: 7.19 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

Instrument :

BNA_E

ClientSampleId :

RE104D2-20191204

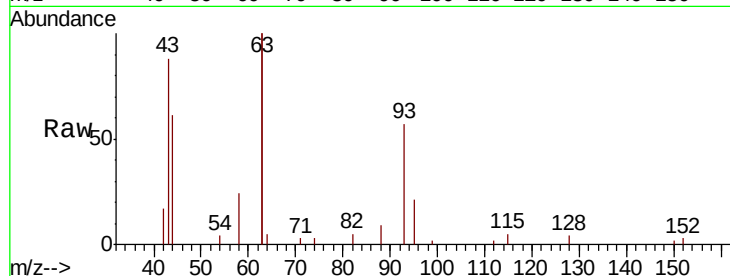
Tot Ion: 93 Resp: 2368

Ion Ratio Lower Upper

93 100

63 327.7 259.4 389.0

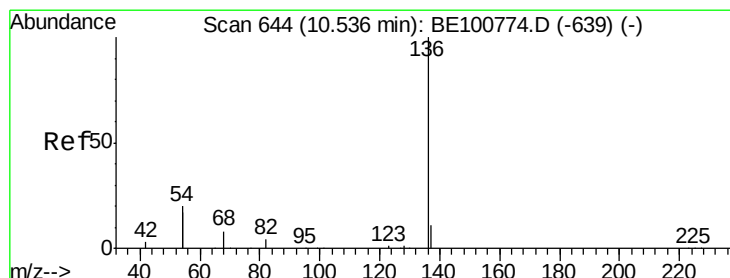
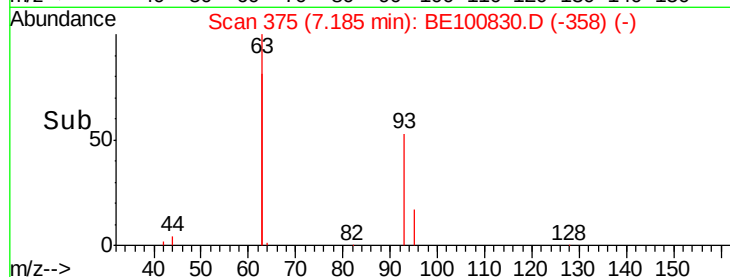
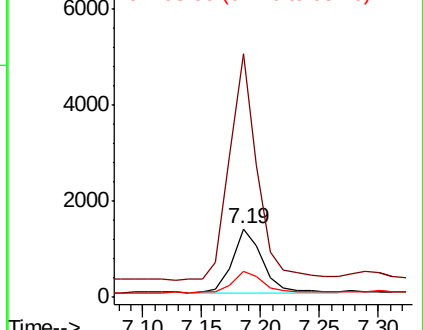
95 36.3 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

Tgt Ion: 136 Resp: 22861

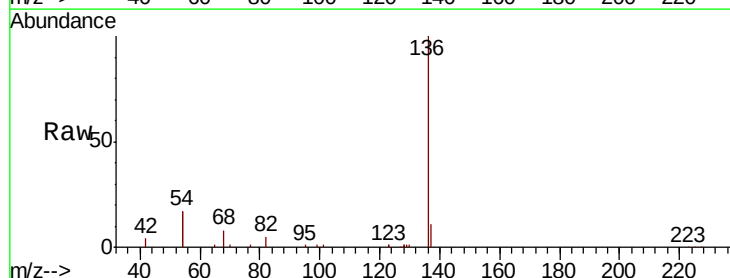
Ion Ratio Lower Upper

136 100

137 11.0 9.4 14.0

54 33.0 31.1 46.7

68 7.5 6.6 10.0

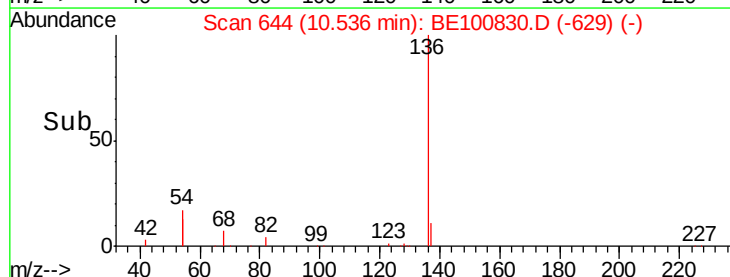
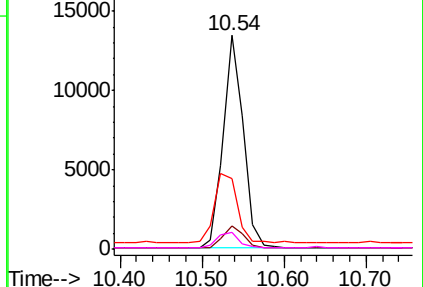


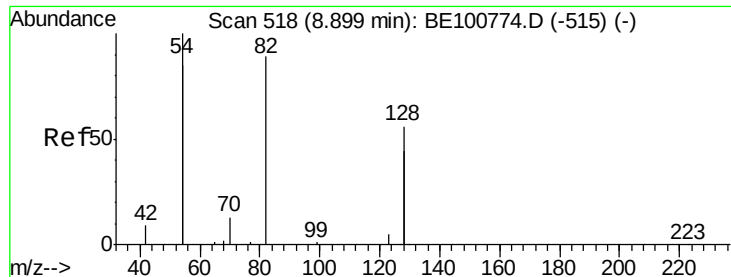
Abundance Ion 136.00 (135.70 to 136.70): E

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

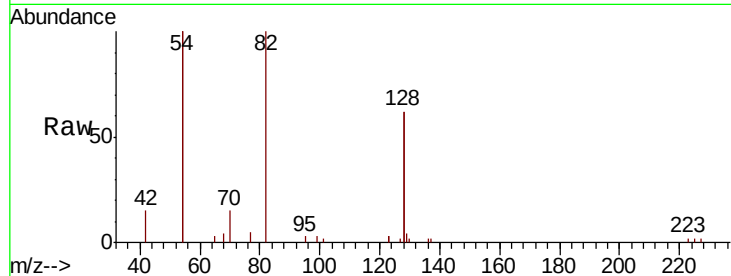




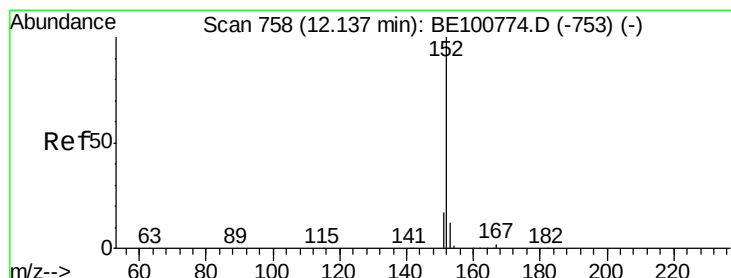
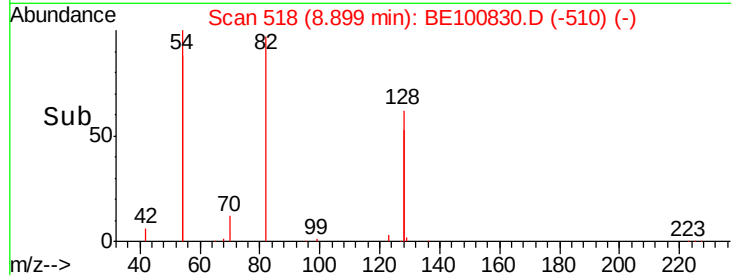
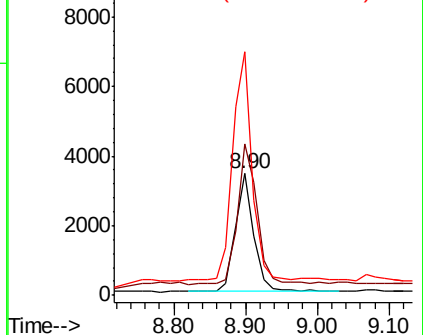
#8
 Nitrobenzene-d5
 Concen: 0.554 ng
 RT: 8.90 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BE100830.D
 Acq: 11 Dec 2019 3:34

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20191204

Tot Ion	82	Resp	6029
Ion Ratio	Lower	Upper	
82	100		
128	124.3	97.0	145.4
54	200.1	171.8	257.6

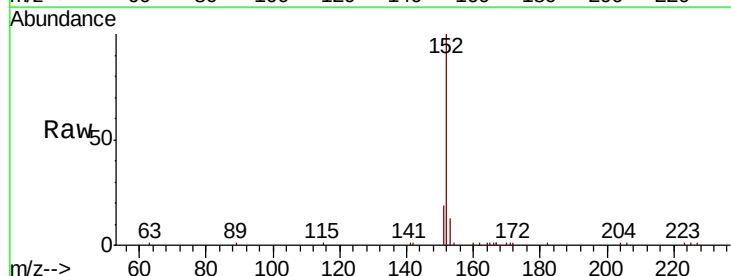


Abundance Ion 82.00 (81.70 to 82.70): BE1
 Ion 128.00 (127.70 to 128.70): BE1
 Ion 54.00 (53.70 to 54.70): BE1

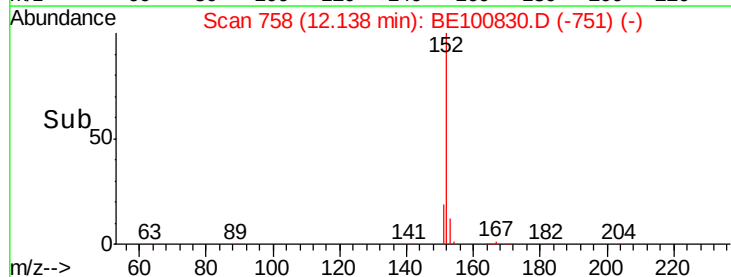
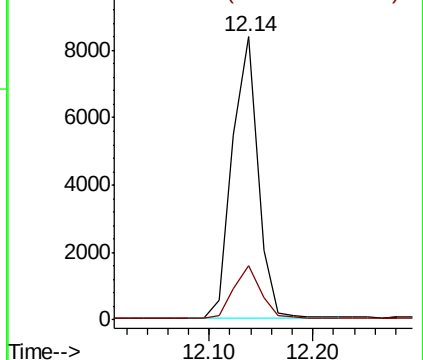


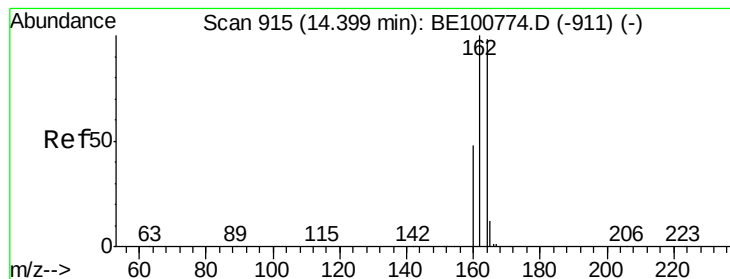
#11
 2-Methylnaphthalene-d10
 Concen: 0.432 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100830.D
 Acq: 11 Dec 2019 3:34

Tgt Ion	152	Resp	14323
Ion Ratio	Lower	Upper	
152	100		
151	19.8	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: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

Instrument :

BNA_E

ClientSampleId :

RE104D2-20191204

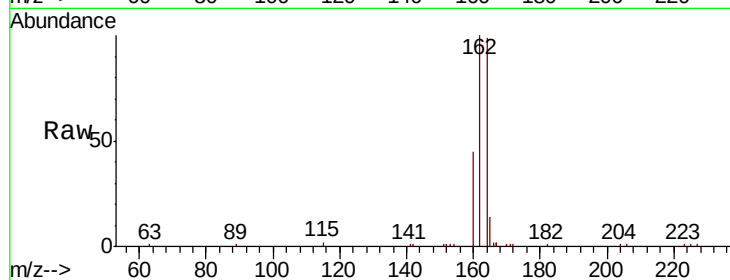
Tot Ion:164 Resp: 13142

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

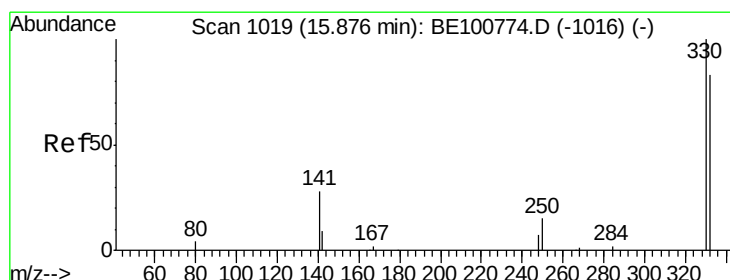
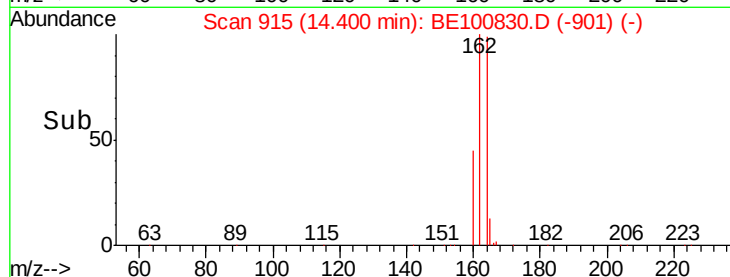
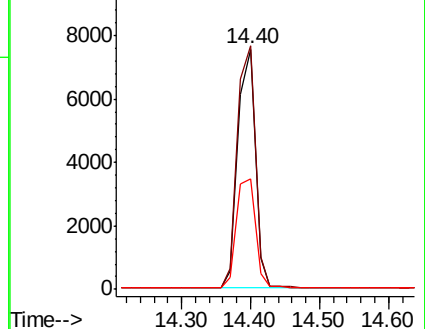
160 45.9 39.4 59.0



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: 0.718 ng

RT: 15.88 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

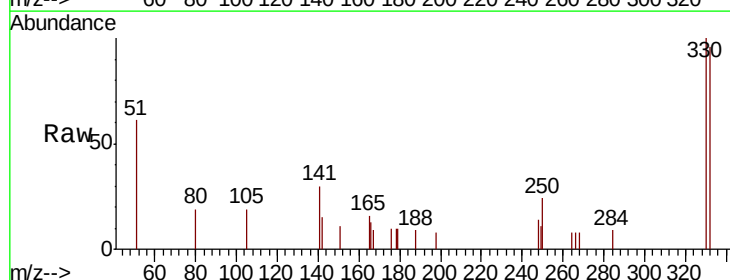
Tgt Ion:330 Resp: 1050

Ion Ratio Lower Upper

330 100

332 97.3 69.4 104.2

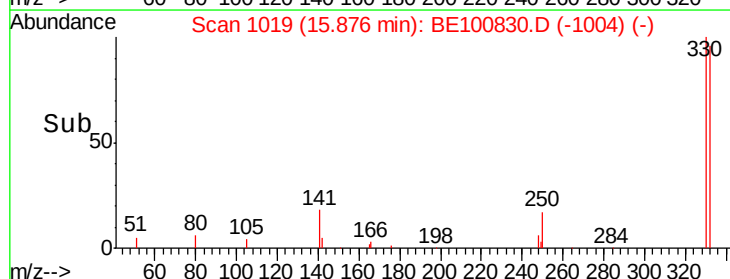
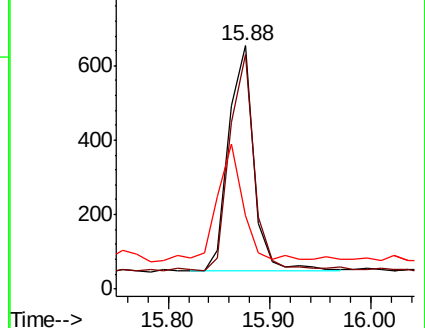
141 53.8 51.1 76.7

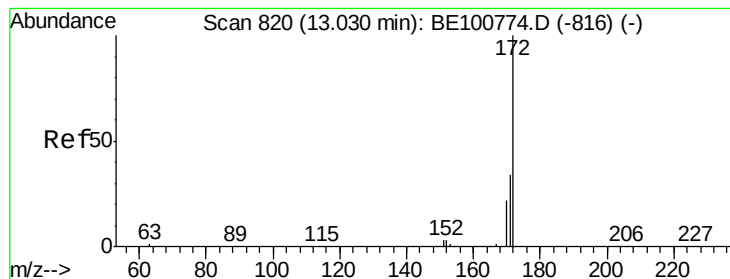


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

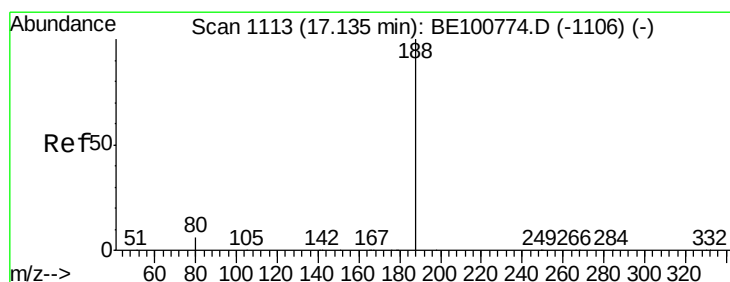
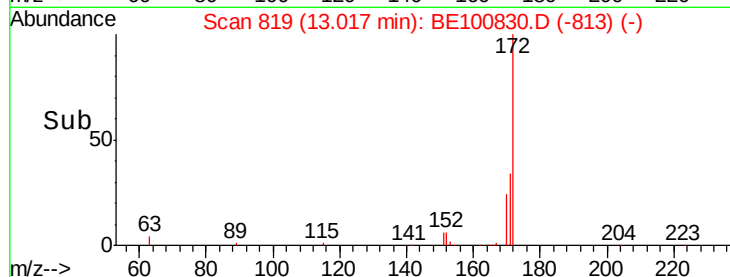
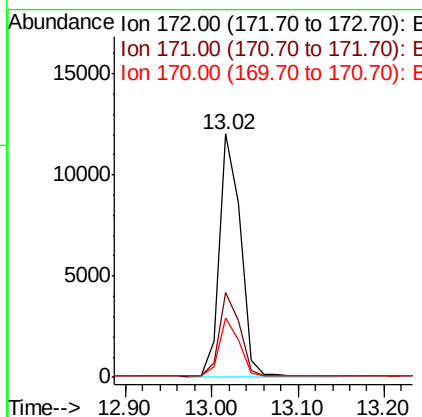
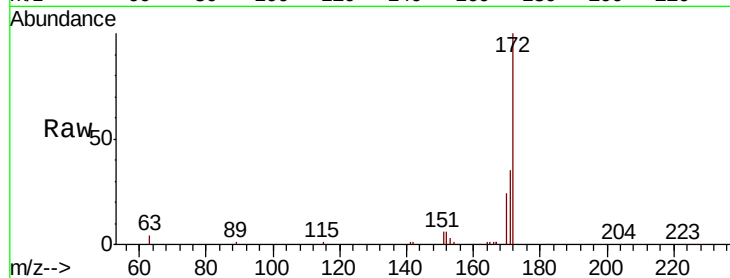




#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100830.D
Acq: 11 Dec 2019 3:34

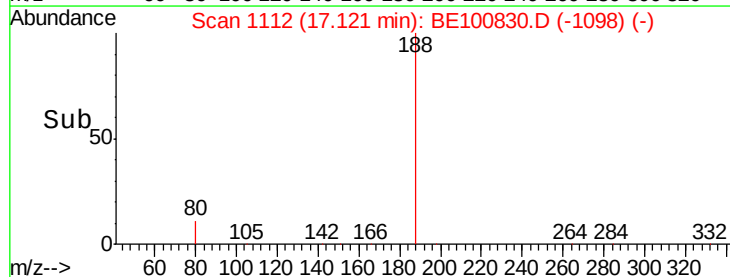
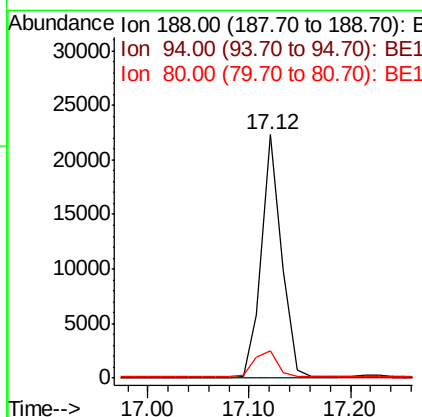
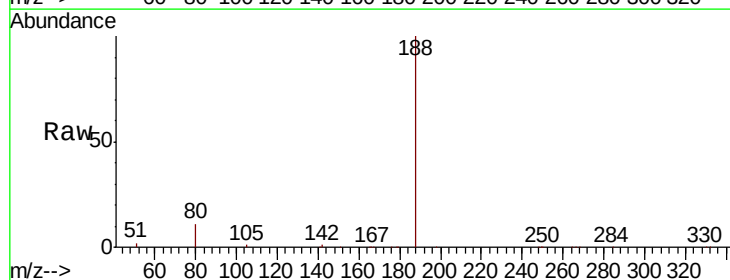
Instrument :
BNA_E
ClientSampleId :
RE104D2-20191204

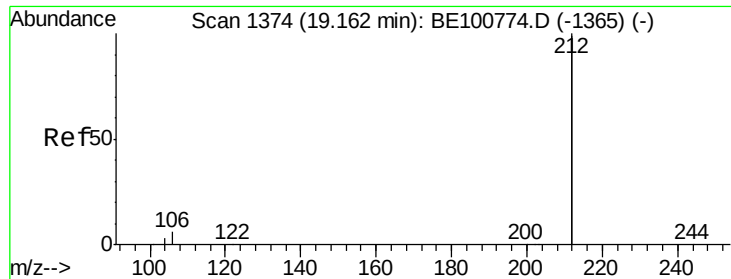
Tot Ion:172 Resp: 20310
Ion Ratio Lower Upper
172 100
171 34.8 27.2 40.8
170 24.5 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BE100830.D
Acq: 11 Dec 2019 3:34

Tgt Ion:188 Resp: 31300
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 5.2 7.8#





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

Instrument :

BNA_E

ClientSampleId :

RE104D2-20191204

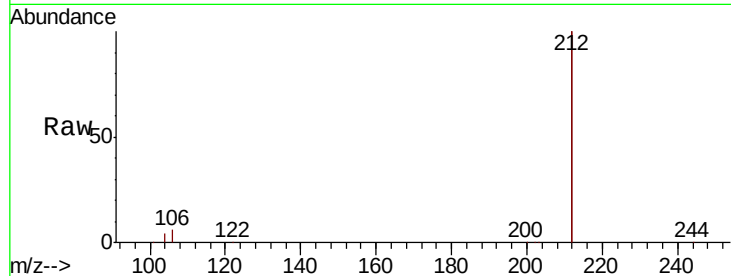
Tot Ion:212 Resp: 144577

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

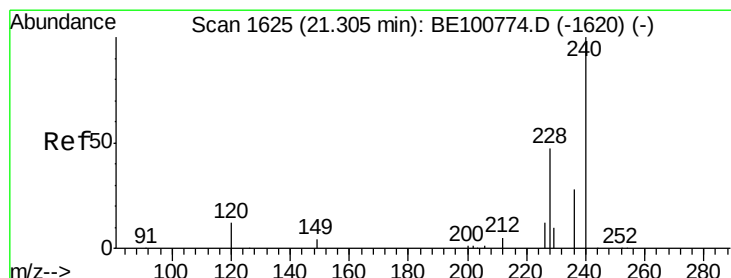
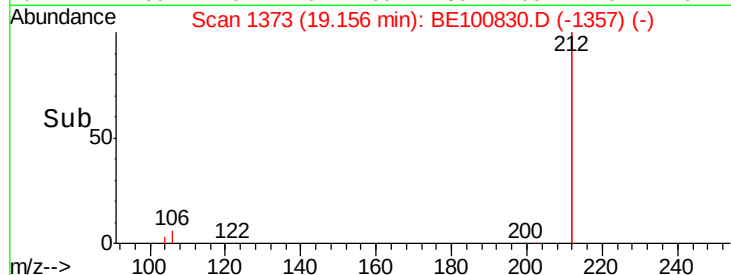
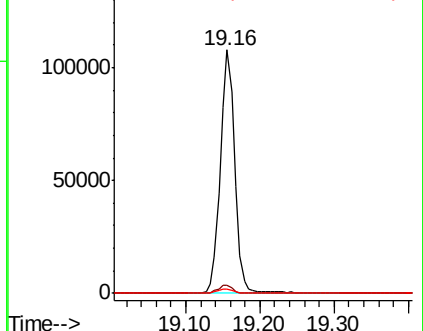
104 1.9 1.4 2.2



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: BE100830.D

Acq: 11 Dec 2019 3:34

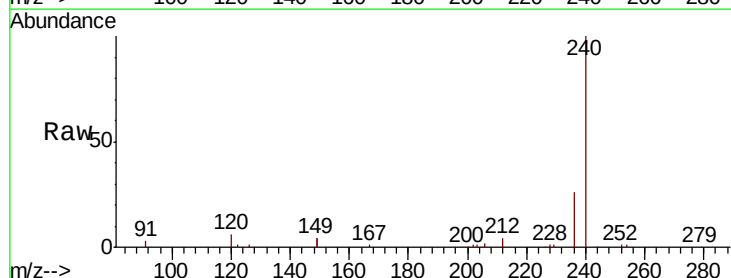
Tgt Ion:240 Resp: 26972

Ion Ratio Lower Upper

240 100

120 5.5 10.2 15.2#

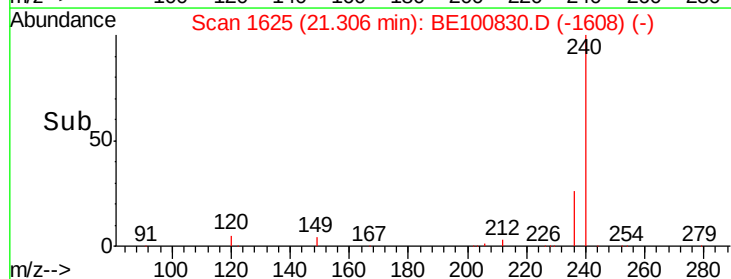
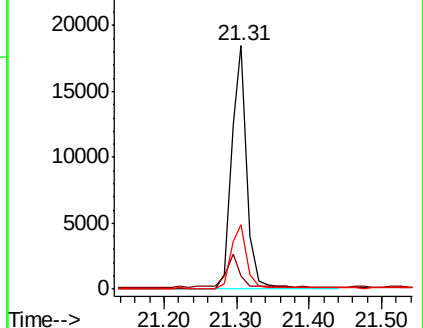
236 26.4 22.3 33.5

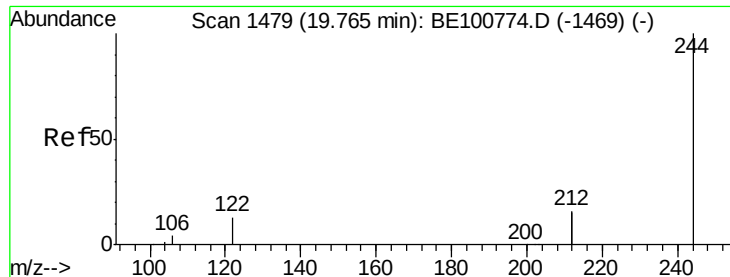


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.447 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

Instrument :

BNA_E

ClientSampleId :

RE104D2-20191204

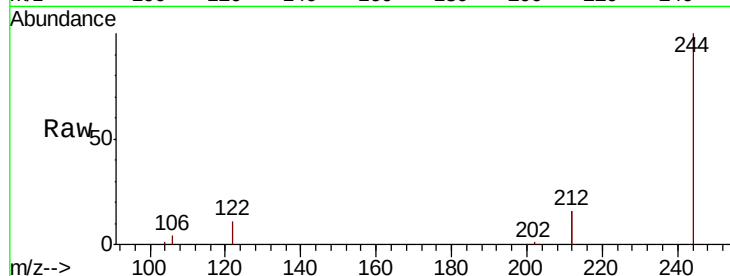
Tot Ion:244 Resp: 28910

Ion Ratio Lower Upper

244 100

212 31.3 26.2 39.4

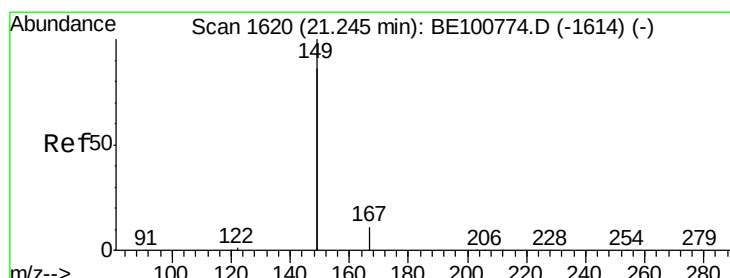
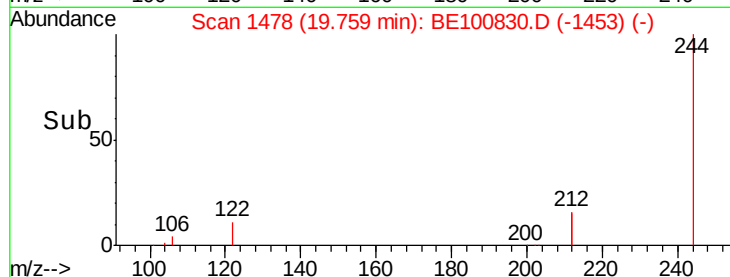
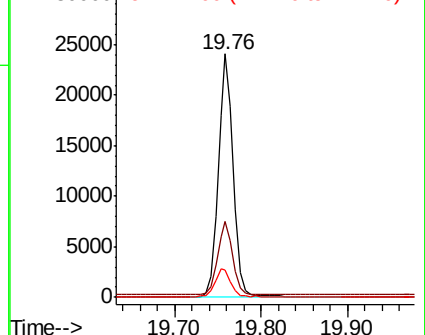
122 11.4 10.2 15.4



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: 0.096 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

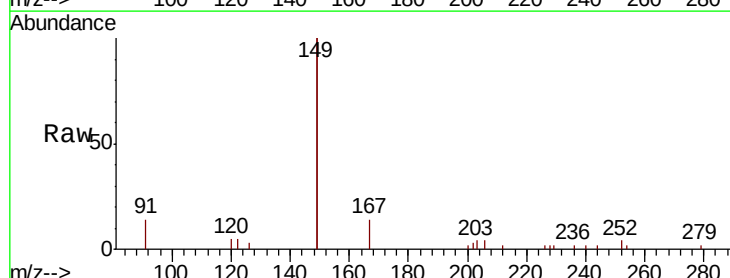
Tgt Ion:149 Resp: 7912

Ion Ratio Lower Upper

149 100

167 8.5 5.0 7.6#

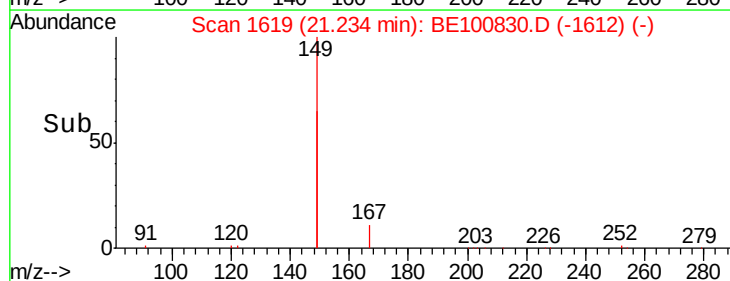
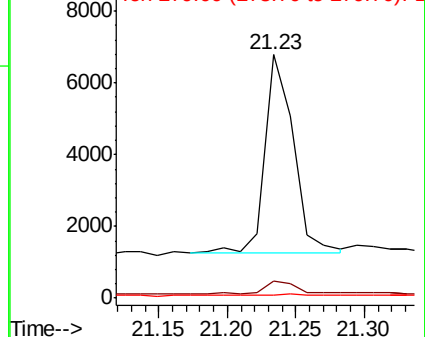
279 1.3 0.7 1.1#

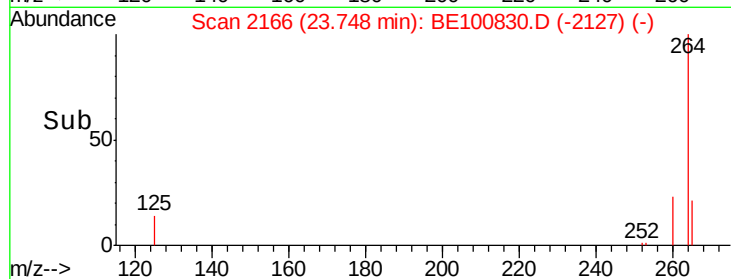
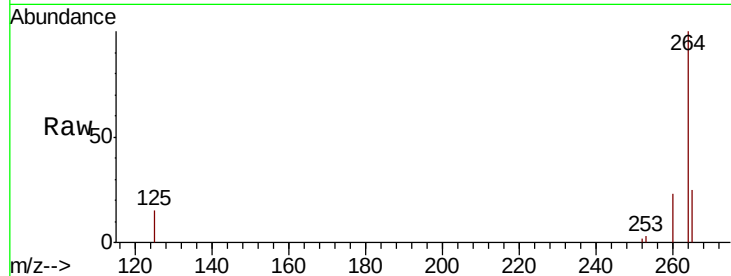
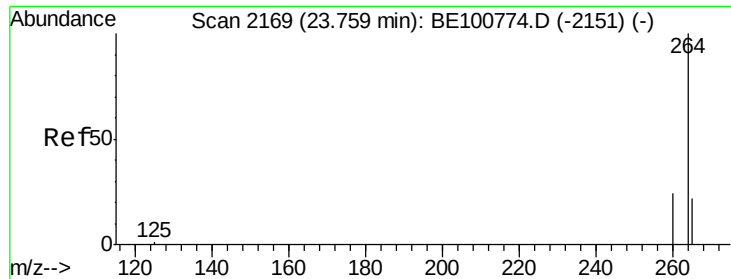


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.75 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BE100830.D

Acq: 11 Dec 2019 3:34

Instrument :

BNA_E

ClientSampleId :

RE104D2-20191204

Tot Ion: 264 Resp: 34364

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 24.7 21.8 32.8

