

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100904.D
 Acq On : 14 Dec 2019 2:32
 Operator : JU
 Sample : K6251-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 14 04:29:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

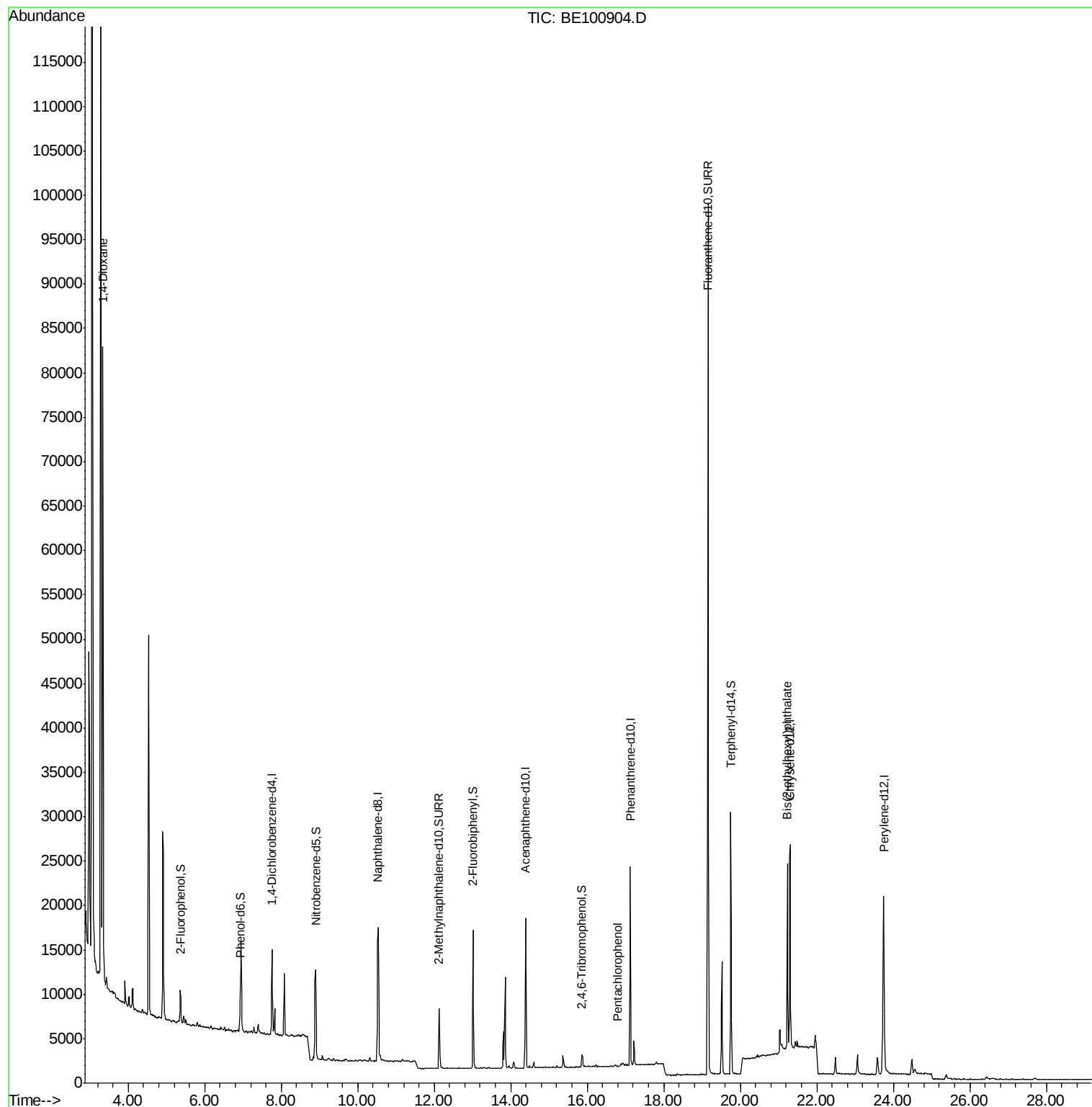
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4138	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	18519	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	10968	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	28775	0.40	ng	0.00
27) Chrysene-d12	21.31	240	26906	0.40	ng	0.00
34) Perylene-d12	23.74	264	31199	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1939	0.20	ng	0.00
5) Phenol-d6	6.93	99	1889	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	4542	0.52	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	10488	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.86	330	794	0.65	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	14094	0.32	ng	0.00
25) Fluoranthene-d10	19.16	212	131323	0.39	ng	0.00
29) Terphenyl-d14	19.75	244	24757	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.33	88	42762	5.668	ng	Qvalue 89
22) Pentachlorophenol	16.79	266	24	0.023	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.23	149	22101	0.396	ng	98

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

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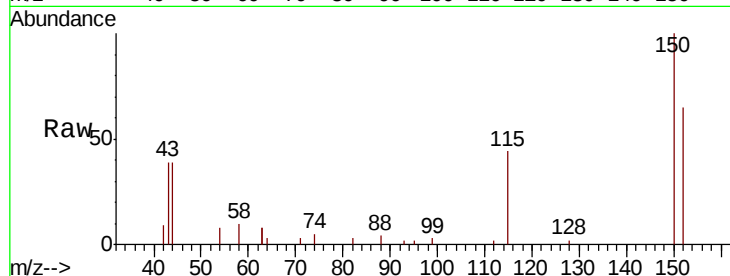


#1

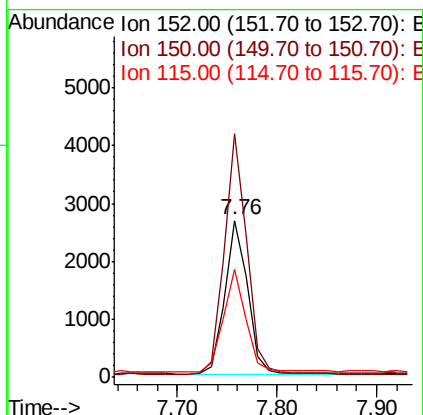
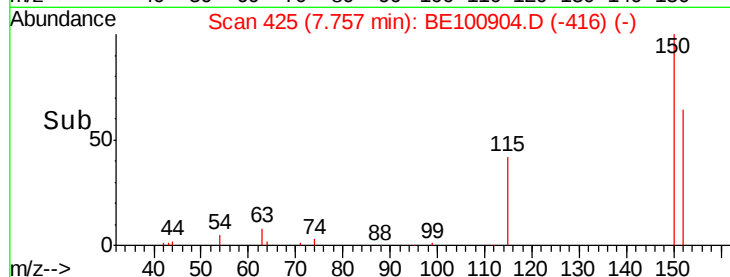
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.00 min
Lab File: BE100904.D
Acq: 14 Dec 2019 2:32

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 4138
Ion Ratio Lower Upper
152 100
150 154.9 125.5 188.3
115 68.4 55.7 83.5



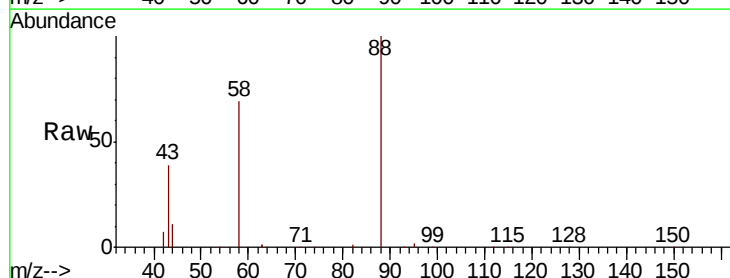
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



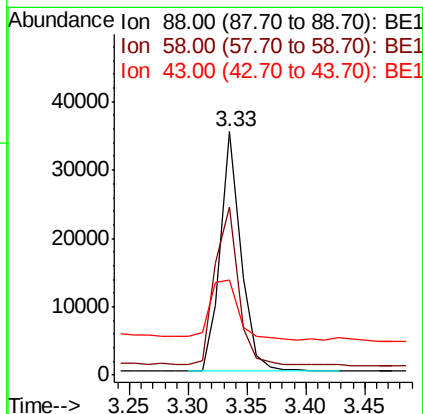
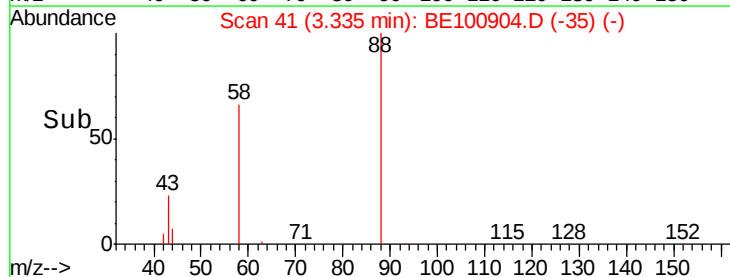
#2

1,4-Dioxane
Concen: 5.668 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE100904.D
Acq: 14 Dec 2019 2:32

Tgt Ion: 88 Resp: 42762
Ion Ratio Lower Upper
88 100
58 74.6 52.3 78.5
43 33.7 23.5 35.3



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: 0.197 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100904.D

Acq: 14 Dec 2019 2:32

Instrument :

BNA_E

ClientSampled :

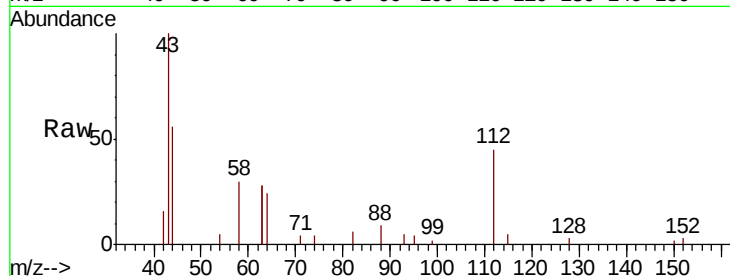
Tot Ion: 112 Resp: 1939

Ion Ratio Lower Upper

112 100

64 67.3 54.5 81.7

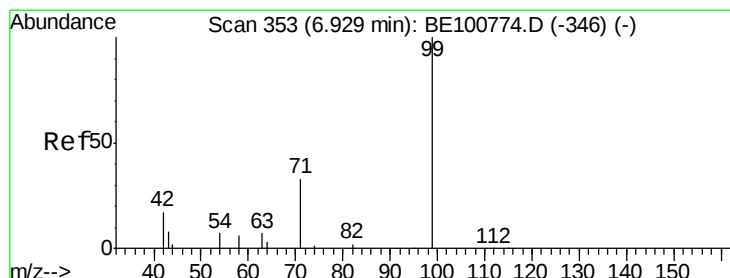
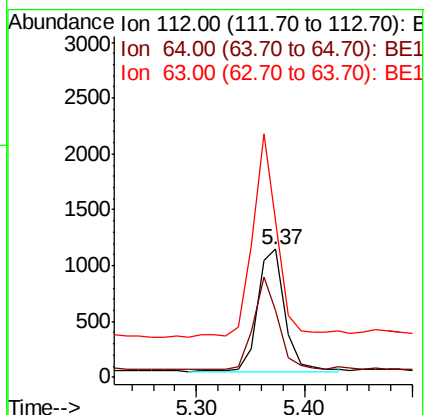
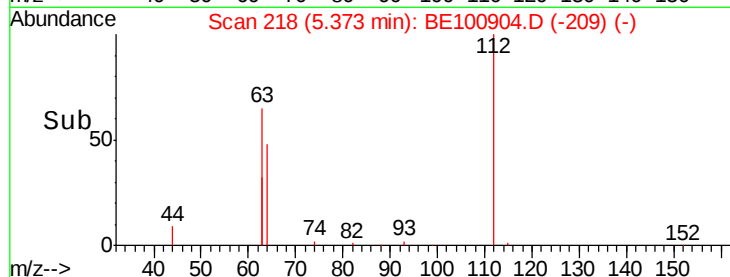
63 145.2 116.1 174.1



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: 0.127 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100904.D

Acq: 14 Dec 2019 2:32

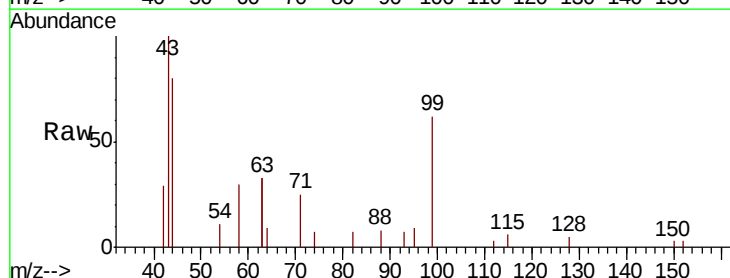
Tgt Ion: 99 Resp: 1889

Ion Ratio Lower Upper

99 100

42 53.2 18.2 27.2#

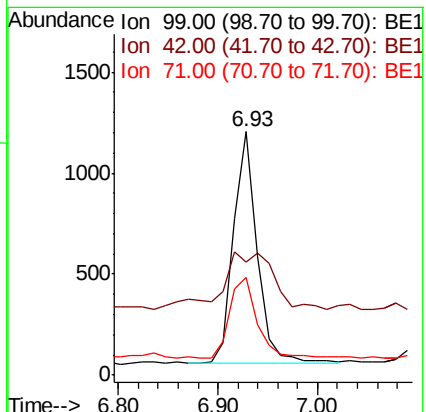
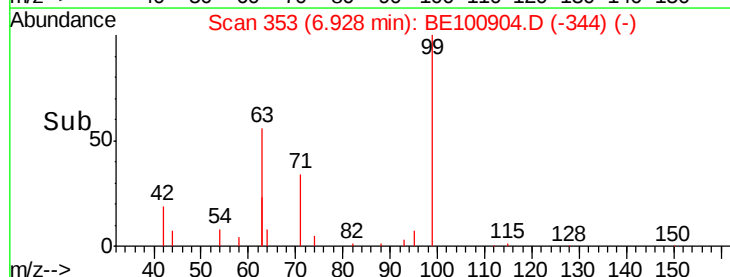
71 41.0 29.1 43.7

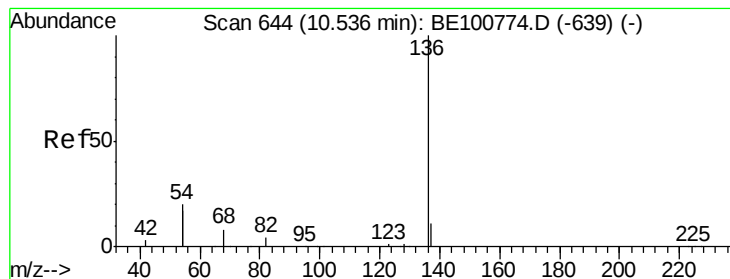


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100904.D

Acq: 14 Dec 2019 2:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 18519

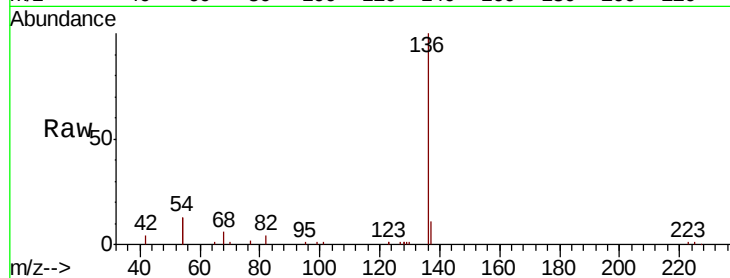
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 25.3 18.9 28.3

68 6.3 4.6 6.8

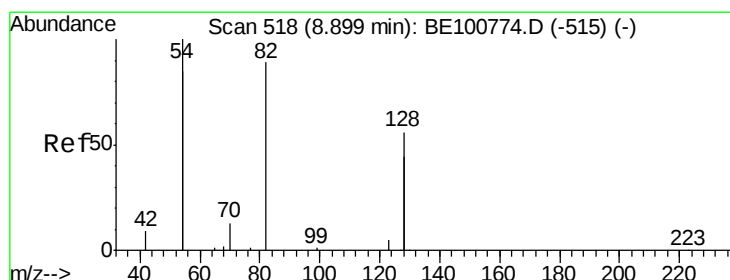
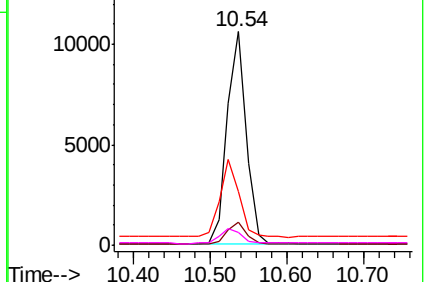
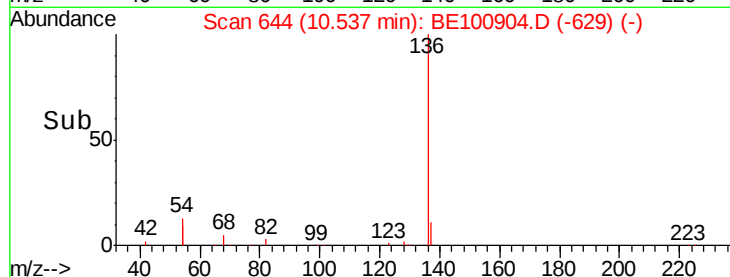


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.515 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100904.D

Acq: 14 Dec 2019 2:32

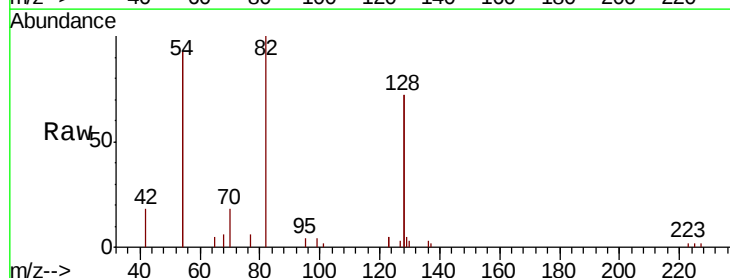
Tgt Ion: 82 Resp: 4542

Ion Ratio Lower Upper

82 100

128 143.1 113.5 170.3

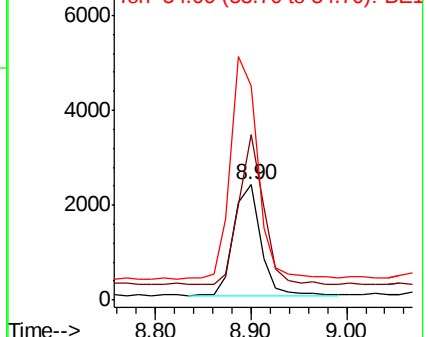
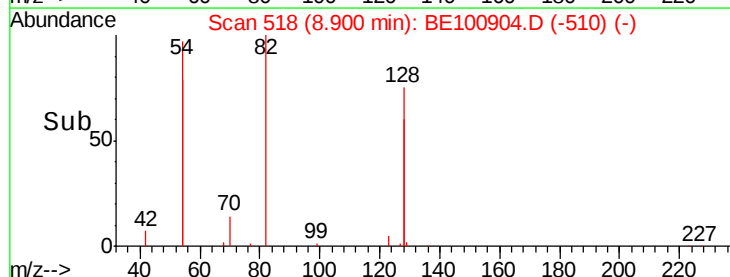
54 186.2 138.9 208.3



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: 0.391 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100904.D

Acq: 14 Dec 2019 2:32

Instrument :

BNA_E

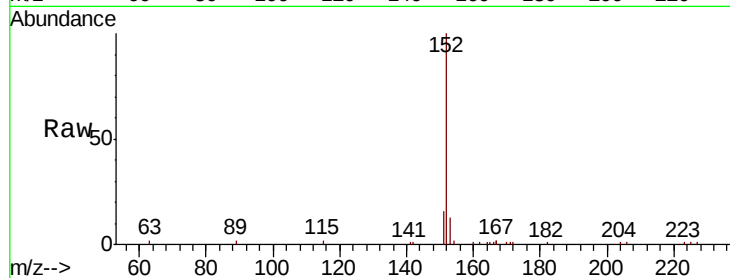
ClientSampleId :

Tot Ion:152 Resp: 10488

Ion Ratio Lower Upper

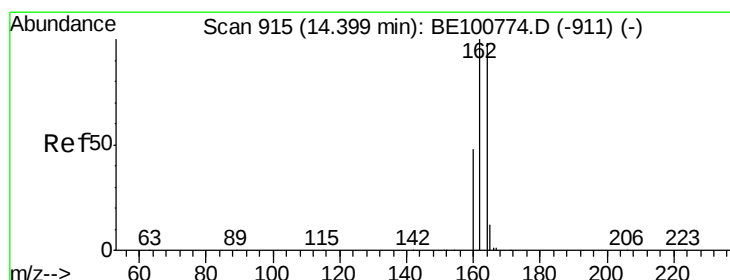
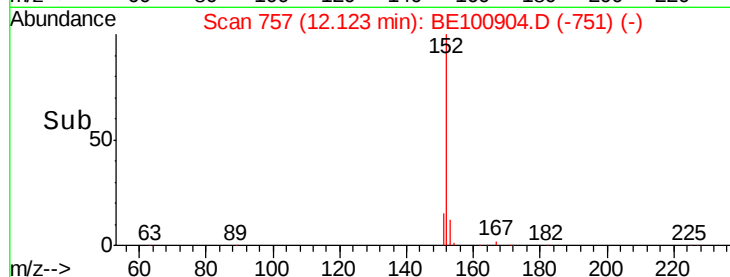
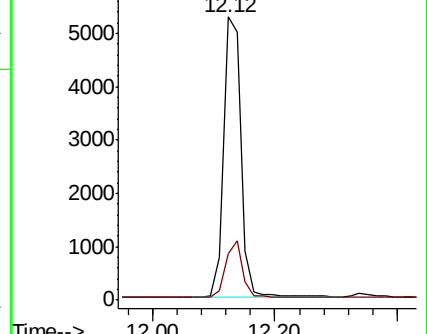
152 100

151 19.8 15.1 22.7



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: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100904.D

Acq: 14 Dec 2019 2:32

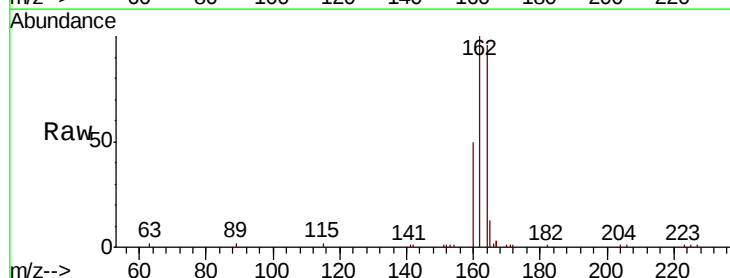
Tgt Ion:164 Resp: 10968

Ion Ratio Lower Upper

164 100

162 104.3 86.0 129.0

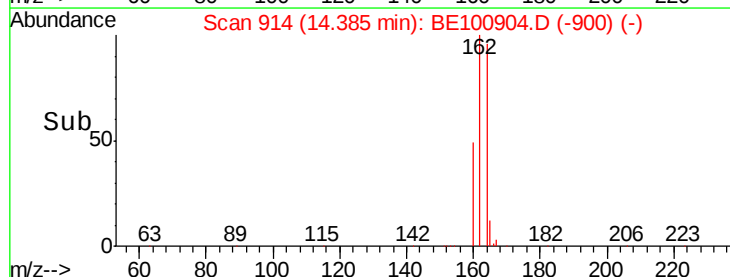
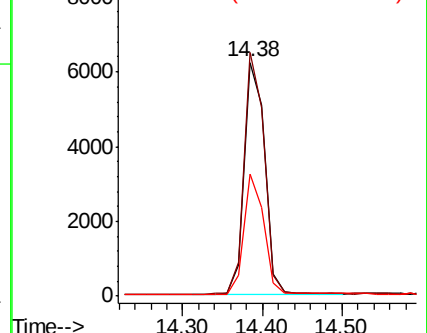
160 52.1 42.3 63.5

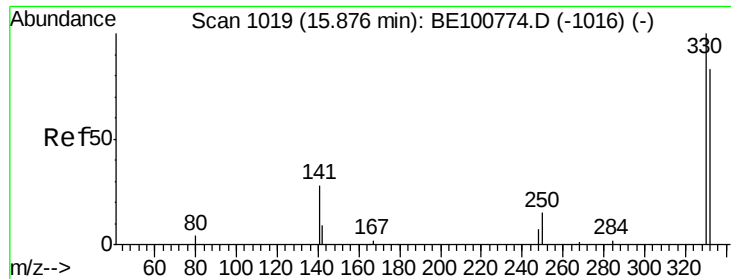


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

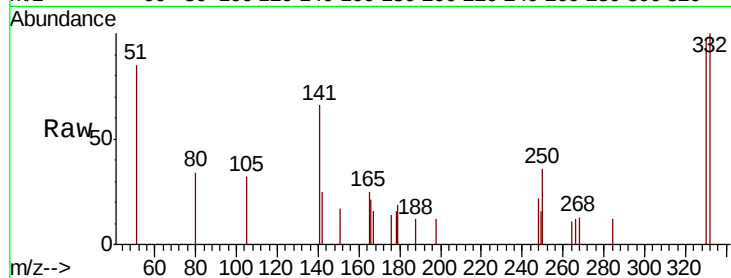




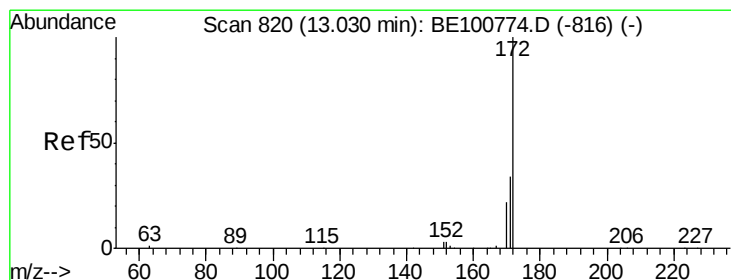
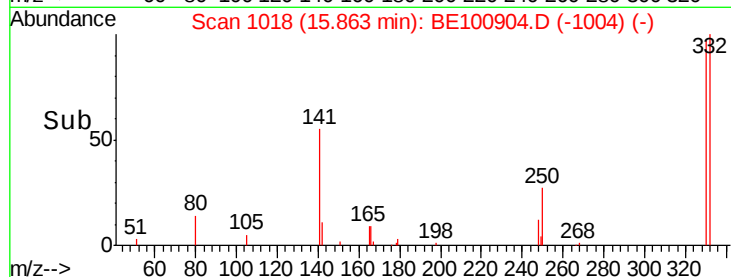
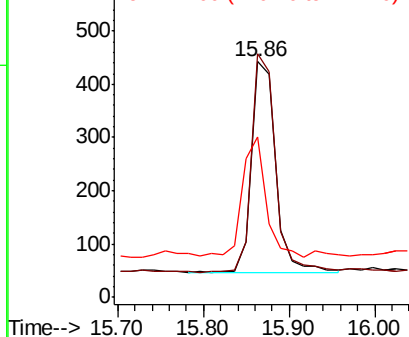
#14
 2,4,6-Tribromophenol
 Concen: 0.651 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100904.D
 Acq: 14 Dec 2019 2:32

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 794
 Ion Ratio Lower Upper
 330 100
 332 101.8 74.1 111.1
 141 54.3 46.7 70.1

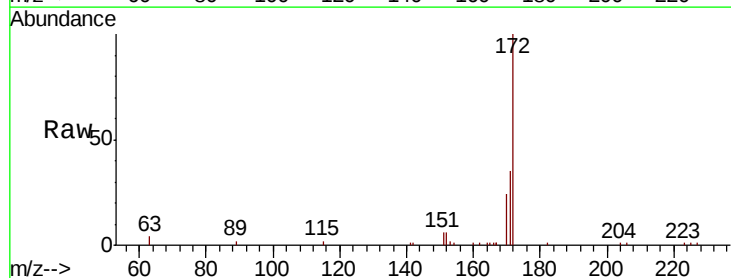


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

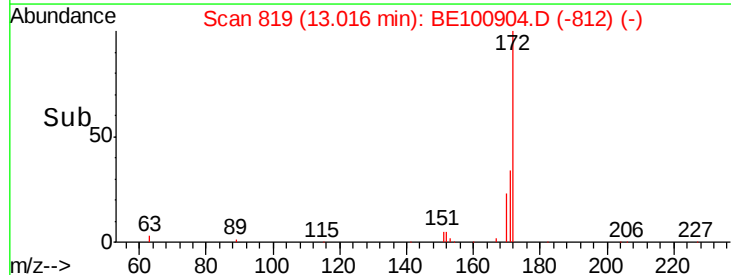
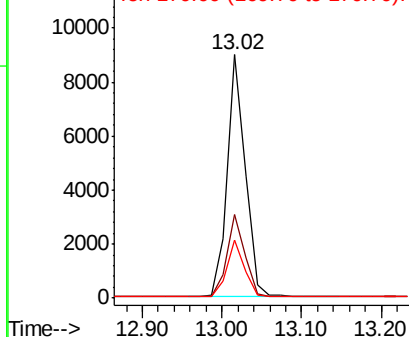


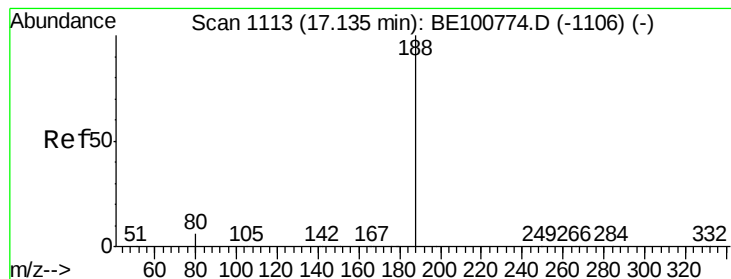
#15
 2-Fluorobiphenyl
 Concen: 0.324 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BE100904.D
 Acq: 14 Dec 2019 2:32

Tgt Ion:172 Resp: 14094
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.2 42.4
 170 23.6 19.4 29.0



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. 0.00 min

Lab File: BE100904.D

Acq: 14 Dec 2019 2:32

Instrument :

BNA_E

ClientSampleId :

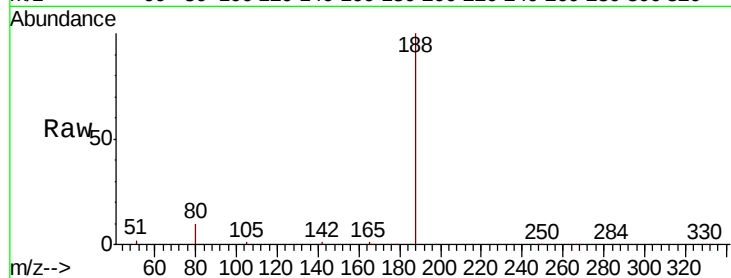
Tot Ion:188 Resp: 28775

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

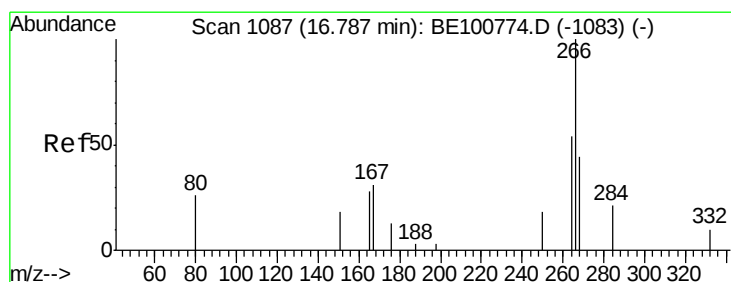
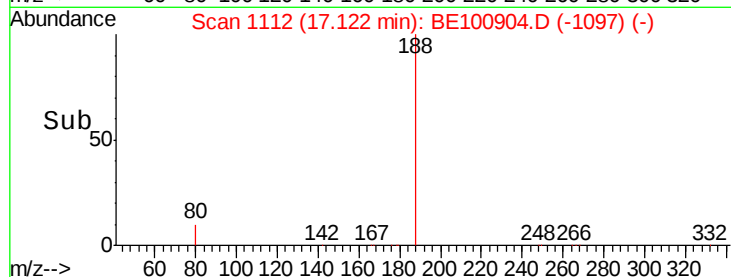
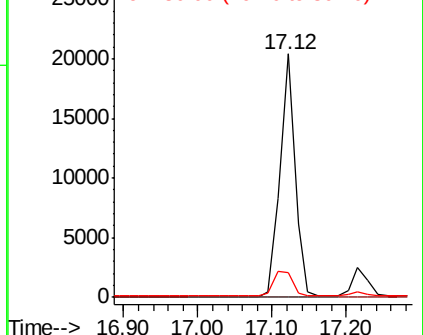
80 10.3 7.9 11.9



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: 0.023 ng

RT: 16.79 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BE100904.D

Acq: 14 Dec 2019 2:32

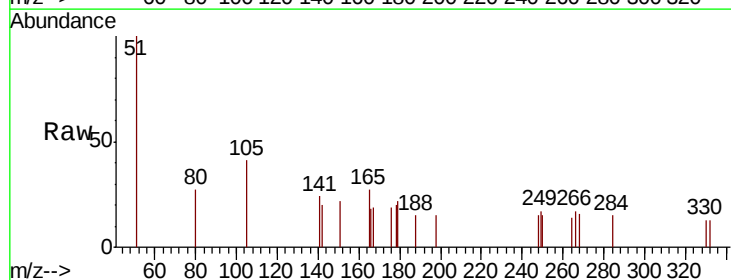
Tgt Ion:266 Resp: 24

Ion Ratio Lower Upper

266 100

264 82.3 55.1 82.7

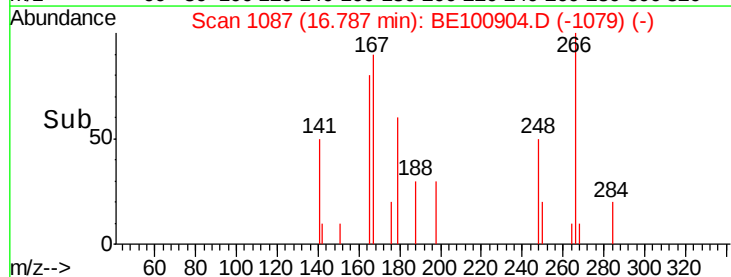
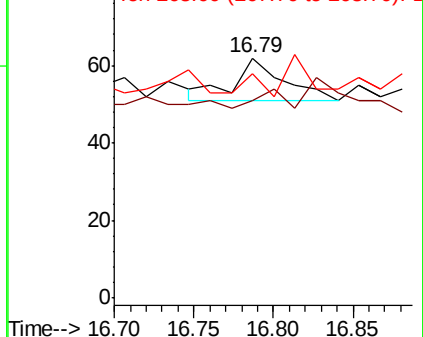
268 93.5 50.7 76.1#

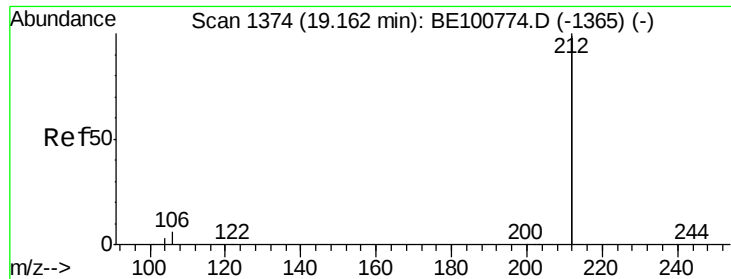


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.16 min Scan# 1373

Delta R.T. 0.01 min

Lab File: BE100904.D

Acq: 14 Dec 2019 2:32

Instrument :

BNA_E

ClientSampleId :

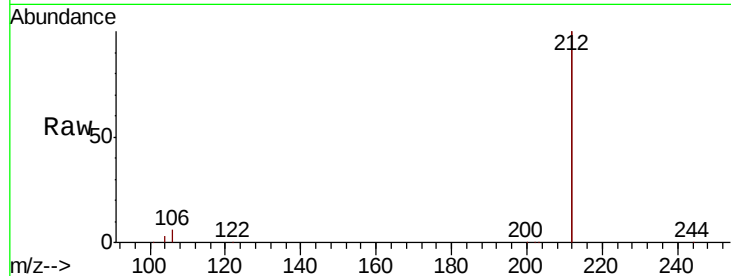
Tot Ion:212 Resp: 131323

Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

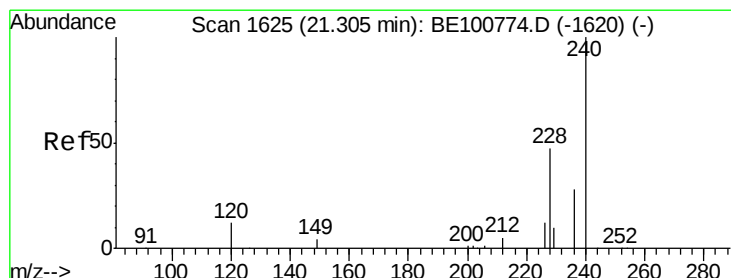
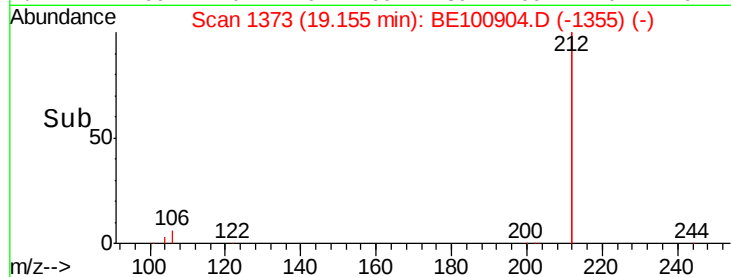
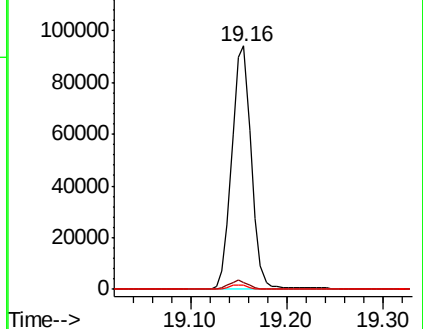
104 1.8 1.4 2.2



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: BE100904.D

Acq: 14 Dec 2019 2:32

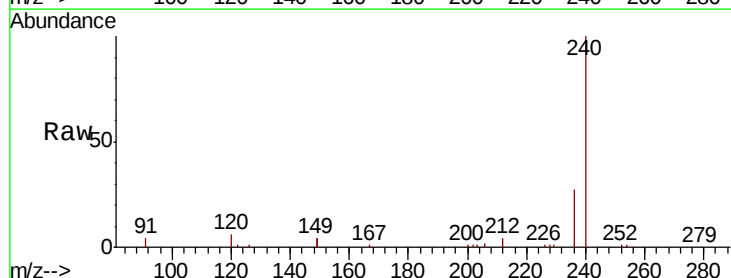
Tgt Ion:240 Resp: 26906

Ion Ratio Lower Upper

240 100

120 5.8 4.0 6.0

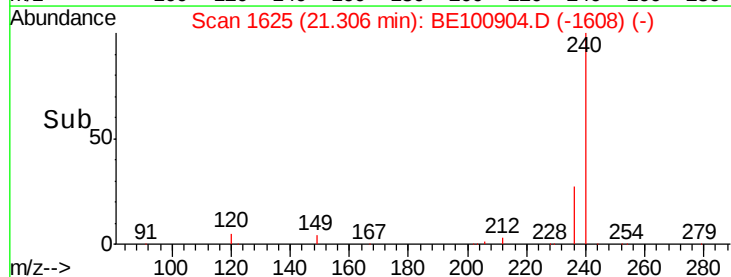
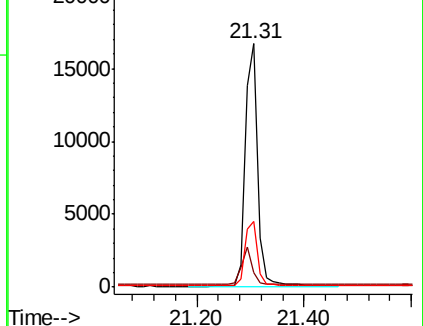
236 27.1 21.6 32.4

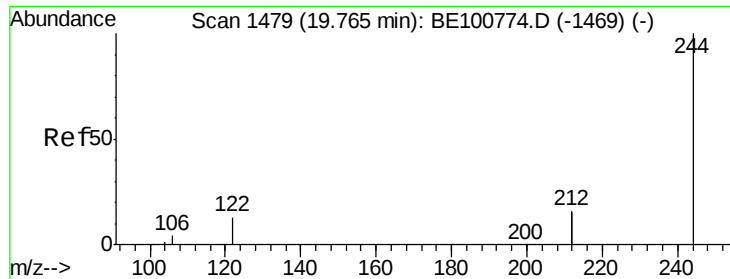


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100904.D

Acq: 14 Dec 2019 2:32

Instrument :

BNA_E

ClientSampled :

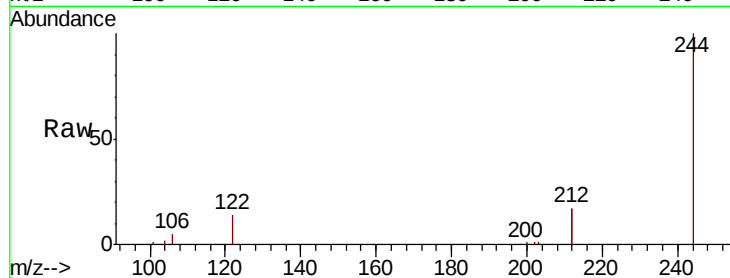
Tot Ion:244 Resp: 24757

Ion Ratio Lower Upper

244 100

212 33.8 25.2 37.8

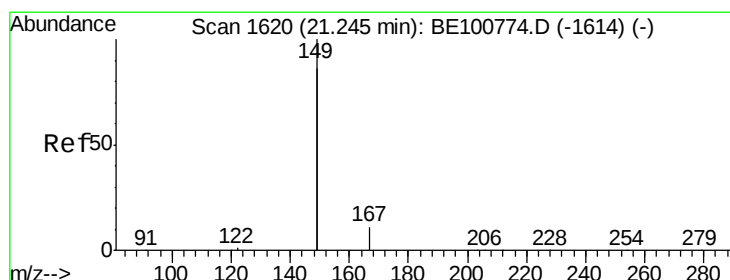
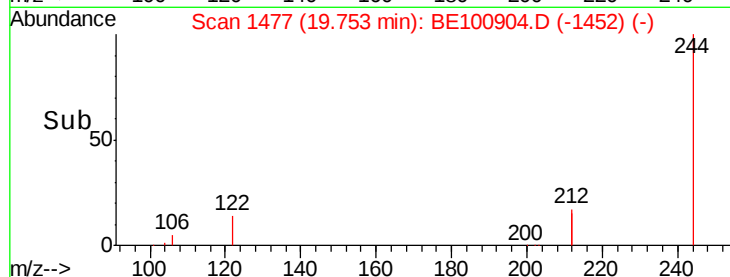
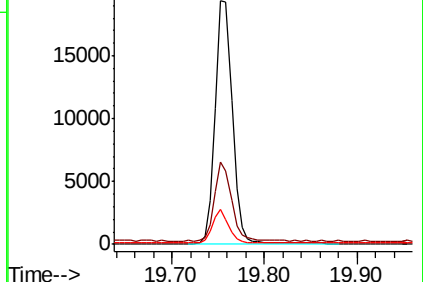
122 14.5 8.9 13.3#



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: 0.396 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100904.D

Acq: 14 Dec 2019 2:32

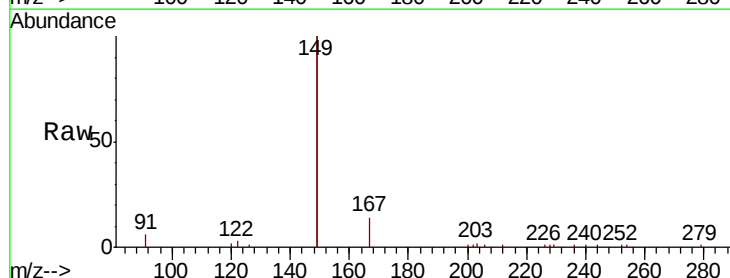
Tgt Ion:149 Resp: 22101

Ion Ratio Lower Upper

149 100

167 6.9 5.0 7.4

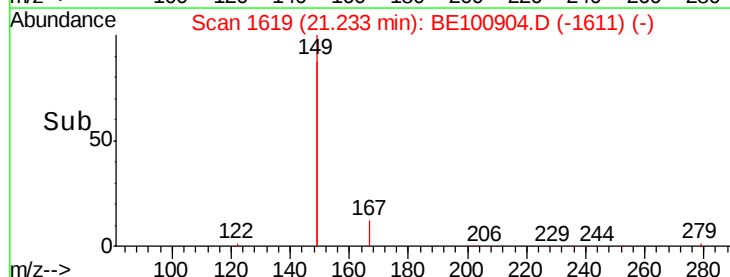
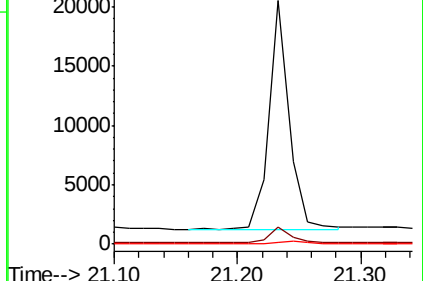
279 0.9 0.6 1.0

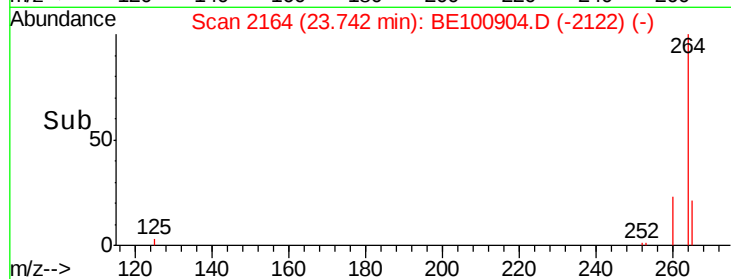
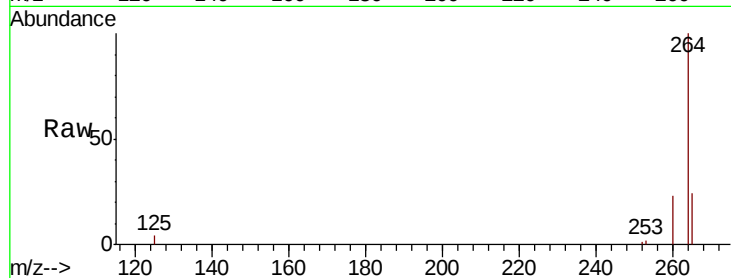


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.00 min

Lab File: BE100904.D

Acq: 14 Dec 2019 2:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 264 Resp: 31199

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 24.3 20.1 30.1

