

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100848.D
 Acq On : 11 Dec 2019 16:16
 Operator : JU
 Sample : K6185-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20191205

Quant Time: Dec 12 04:42:29 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

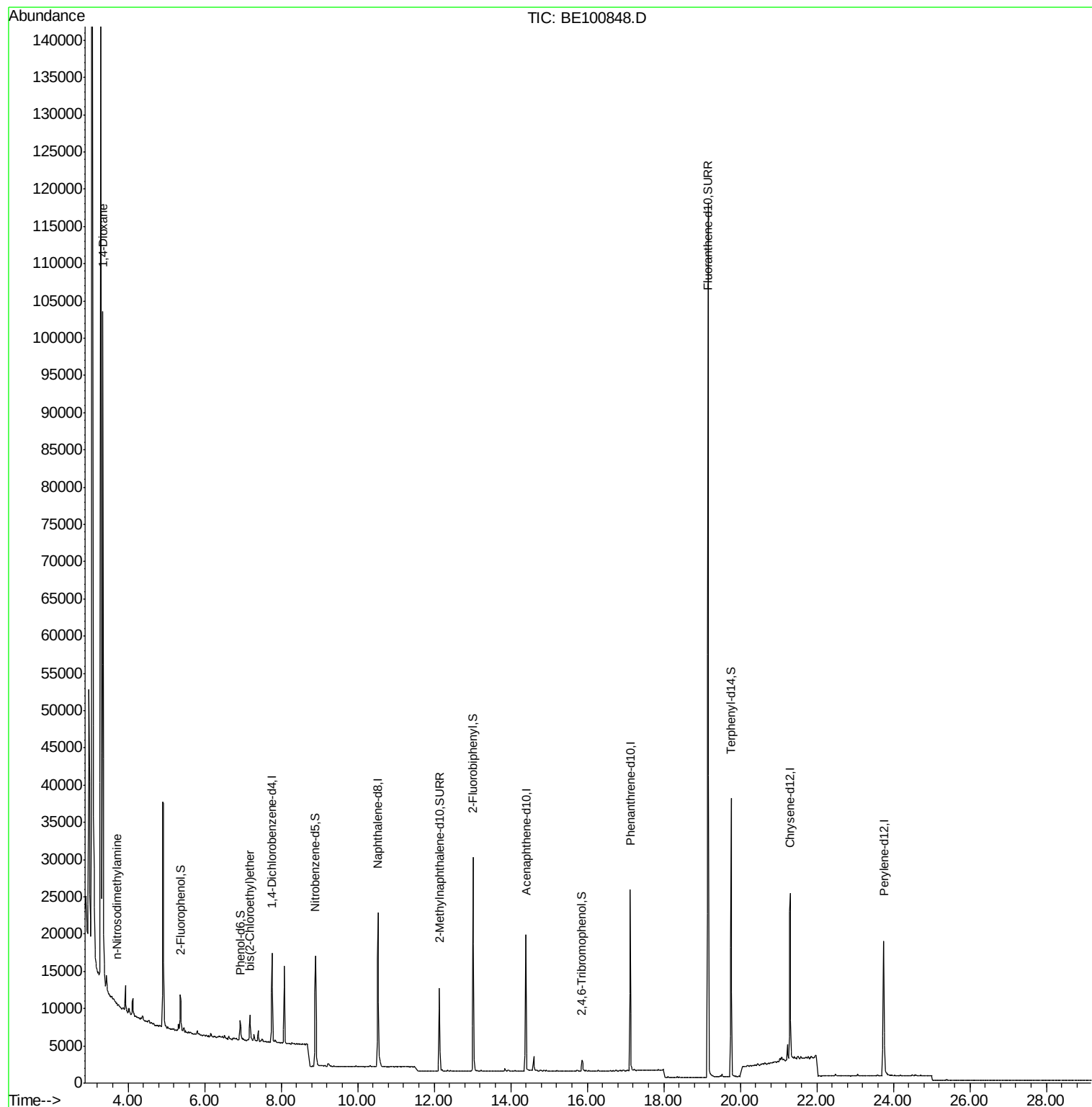
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5199	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23573	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12996	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	30987	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	25932	0.40	ng	0.00
34) Perylene-d12	23.75	264	27170	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	2535	0.21	ng	0.00
5) Phenol-d6	6.93	99	2414	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6152	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15303	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	863	0.60	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	26610	0.52	ng	-0.01
25) Fluoranthene-d10	19.16	212	149914	0.41	ng	0.00
29) Terphenyl-d14	19.76	244	31885	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	52124	5.499	ng	# 89
3) n-Nitrosodimethylamine	3.72	42	159	0.021	ng	# 1
6) bis(2-Chloroethyl)ether	7.18	93	1222	0.068	ng	93
32) Bis(2-ethylhexyl)phthalate	21.23	149	2423	Below Cal		# 99

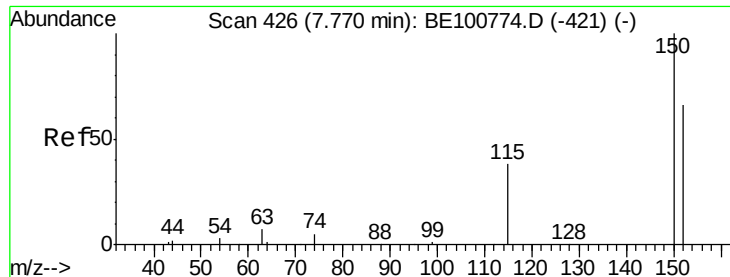
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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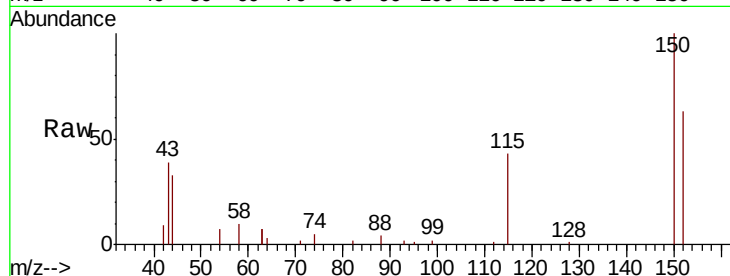


#1

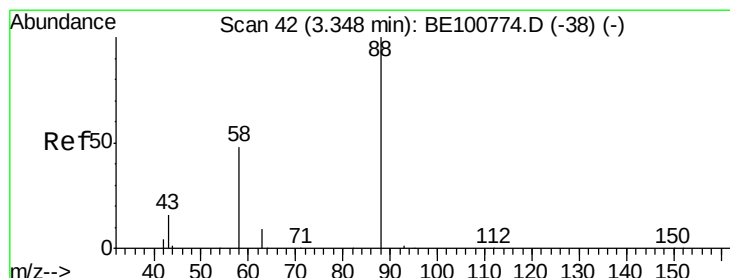
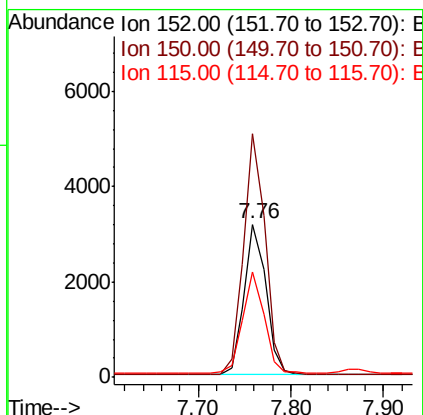
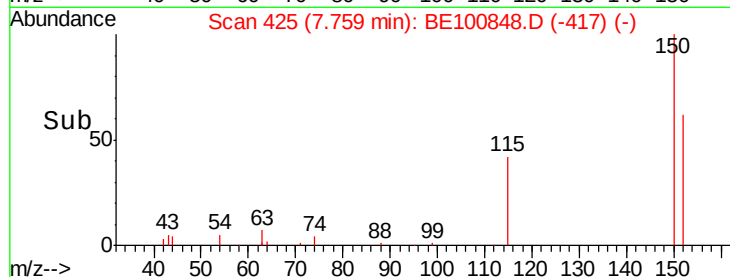
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100848.D
Acq: 11 Dec 2019 16:16

Instrument :
BNA_E
ClientSampleId :
TT101D-20191205

Tot Ion:152 Resp: 5199
Ion Ratio Lower Upper
152 100
150 159.1 120.6 181.0
115 68.8 47.4 71.2



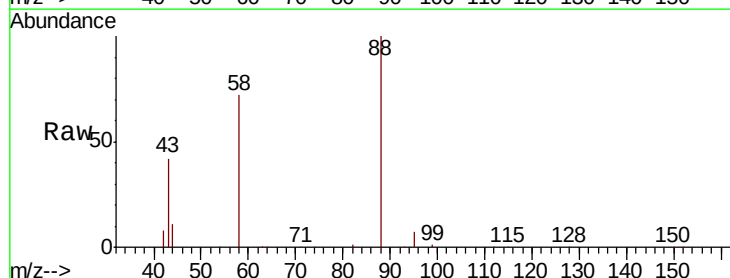
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



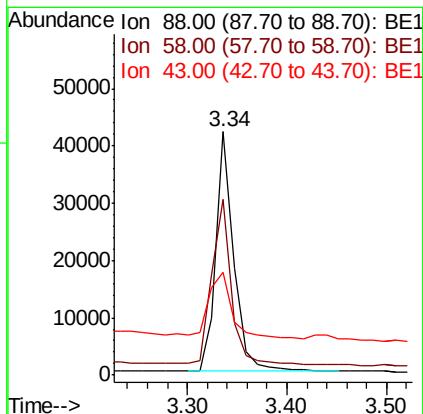
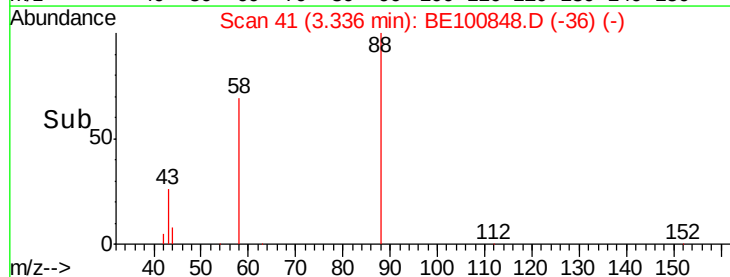
#2

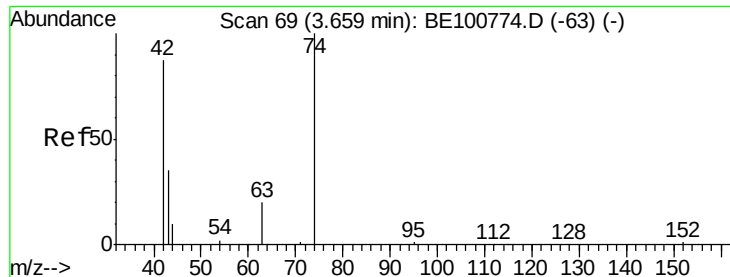
1,4-Dioxane
Concen: 5.499 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100848.D
Acq: 11 Dec 2019 16:16

Tgt Ion: 88 Resp: 52124
Ion Ratio Lower Upper
88 100
58 74.7 52.5 78.7
43 34.7 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



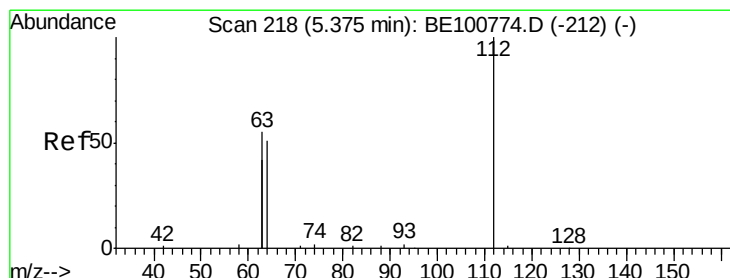
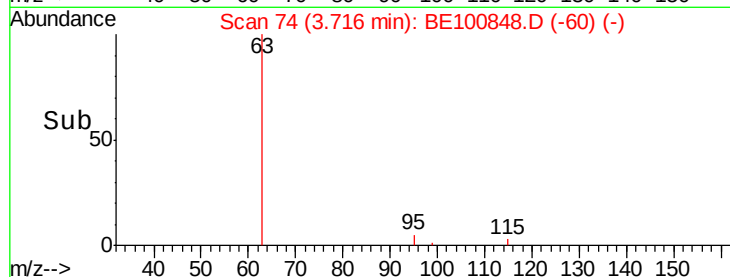
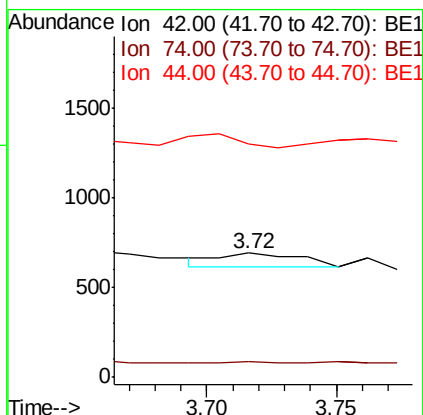
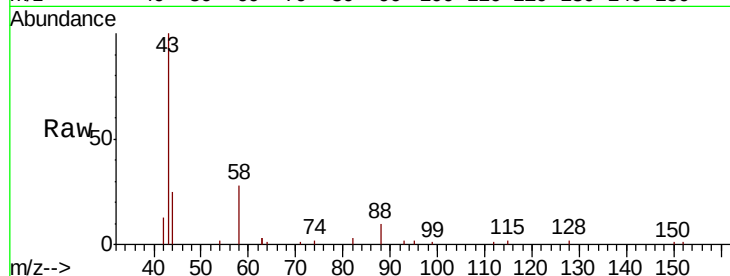


#3

n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.72 min Scan# 74
Delta R.T. 0.06 min
Lab File: BE100848.D
Acq: 11 Dec 2019 16:16

Instrument :
BNA_E
ClientSampleId :
TT101D-20191205

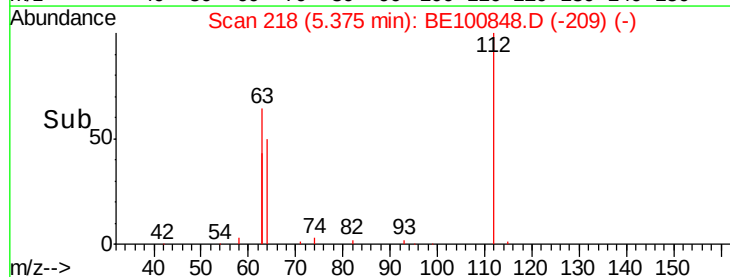
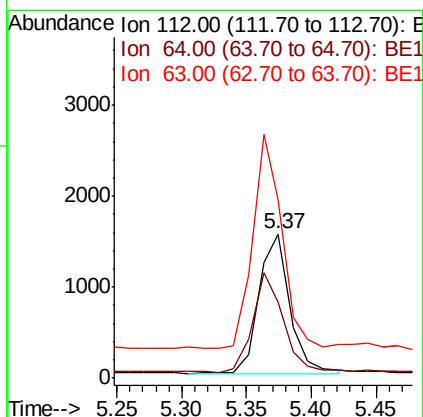
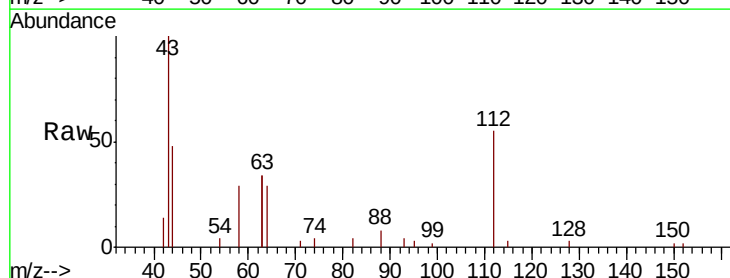
Tot Ion: 42 Resp: 159
Ion Ratio Lower Upper
42 100
74 0.0 86.3 129.5#
44 71.1 11.6 17.4#

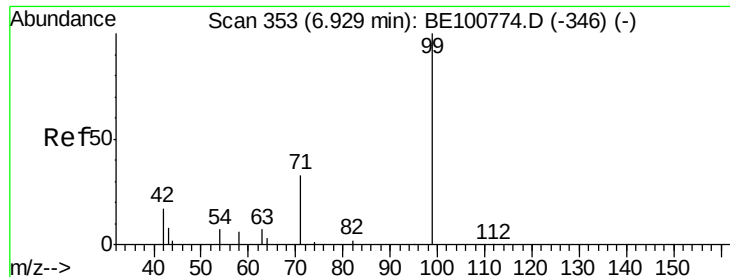


#4

2-Fluorophenol
Concen: 0.205 ng
RT: 5.37 min Scan# 218
Delta R.T. -0.00 min
Lab File: BE100848.D
Acq: 11 Dec 2019 16:16

Tgt Ion: 112 Resp: 2535
Ion Ratio Lower Upper
112 100
64 69.7 54.1 81.1
63 144.9 113.2 169.8





#5

Phenol-d6

Concen: 0.130 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205

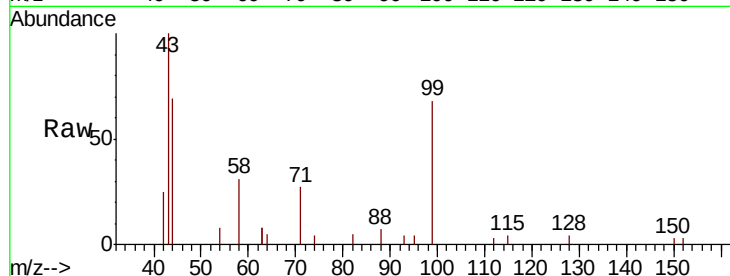
Tot Ion: 99 Resp: 2414

Ion Ratio Lower Upper

99 100

42 26.4 19.1 28.7

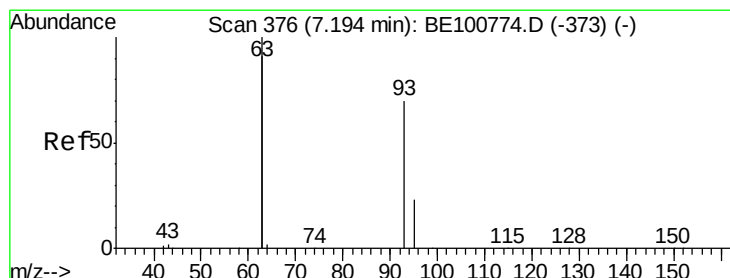
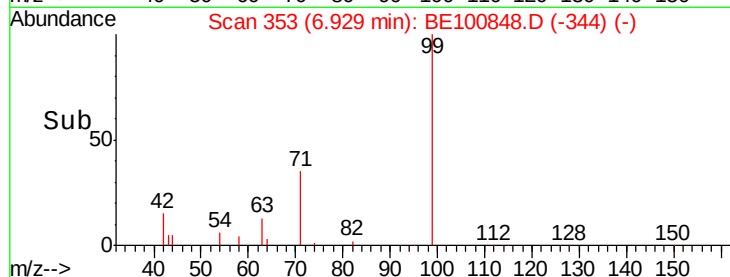
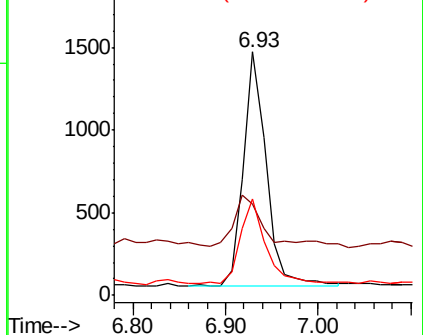
71 38.6 27.7 41.5



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: 0.068 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

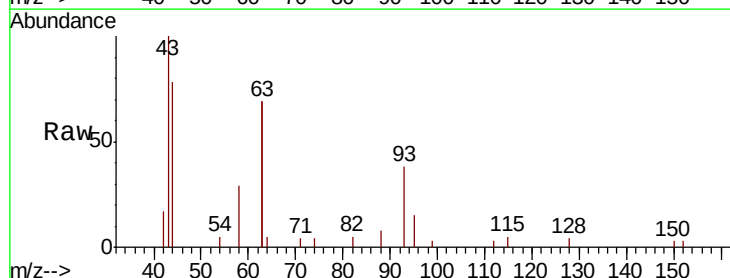
Tgt Ion: 93 Resp: 1222

Ion Ratio Lower Upper

93 100

63 338.1 259.4 389.0

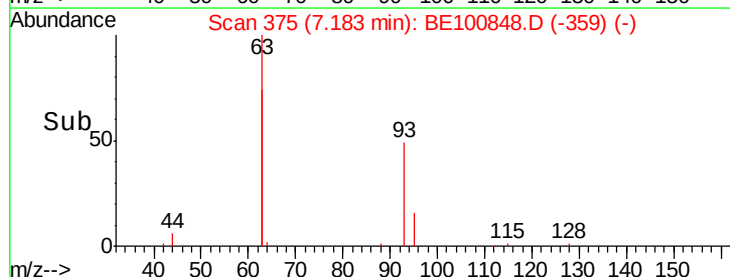
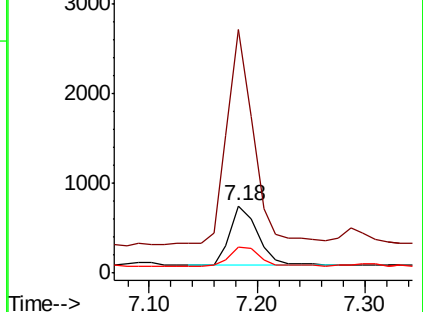
95 35.8 26.2 39.2

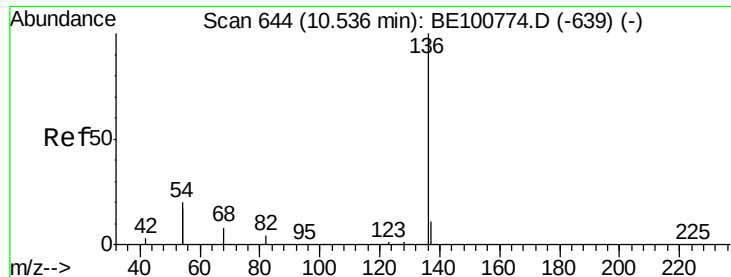


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100848.D

Acq: 11 Dec 2019 16:16

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205

Tot Ion:136 Resp: 23573

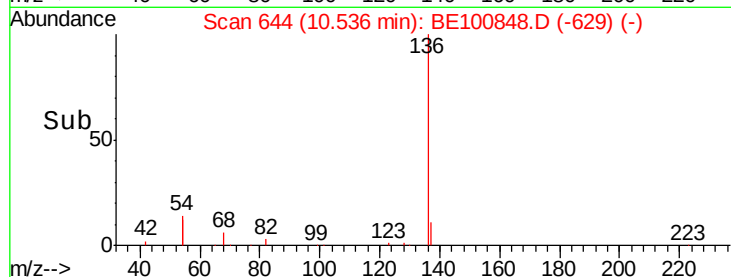
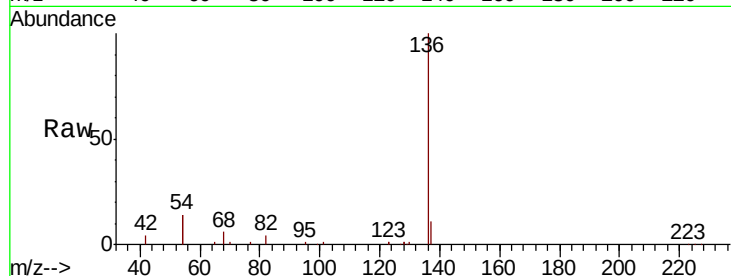
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 28.4 31.1 46.7#

68 6.3 6.6 10.0#



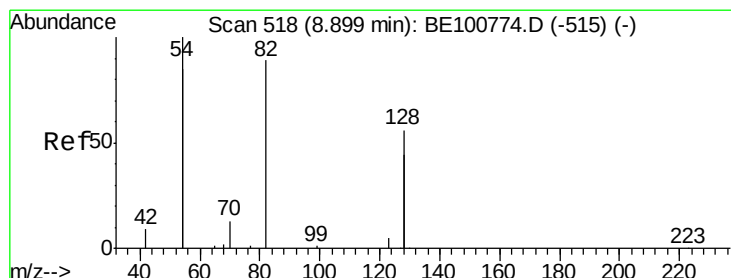
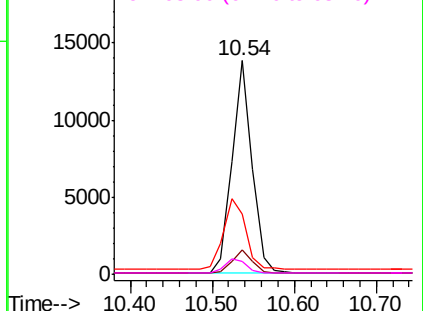
Abundance

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: 0.548 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

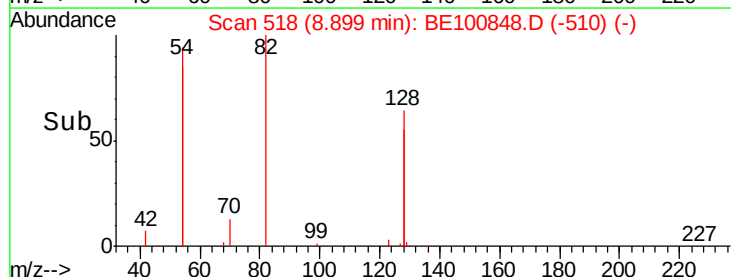
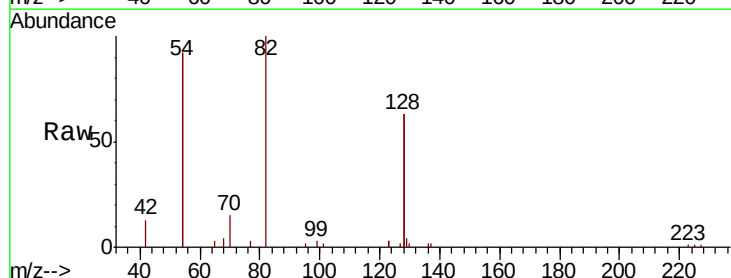
Tgt Ion: 82 Resp: 6152

Ion Ratio Lower Upper

82 100

128 125.6 97.0 145.4

54 184.6 171.8 257.6

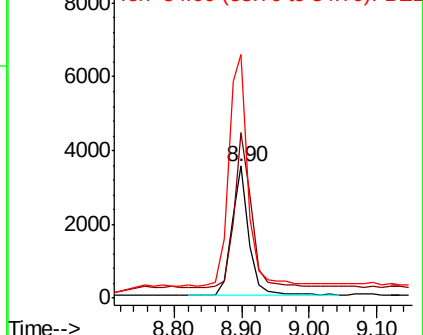


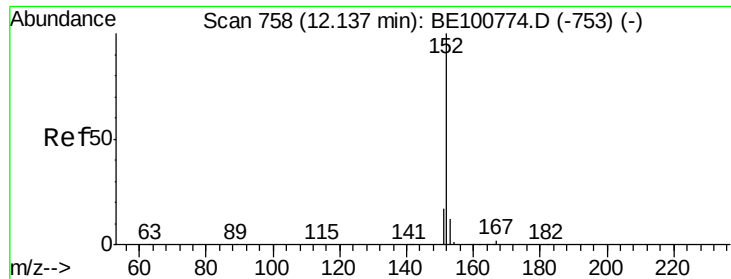
Abundance

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

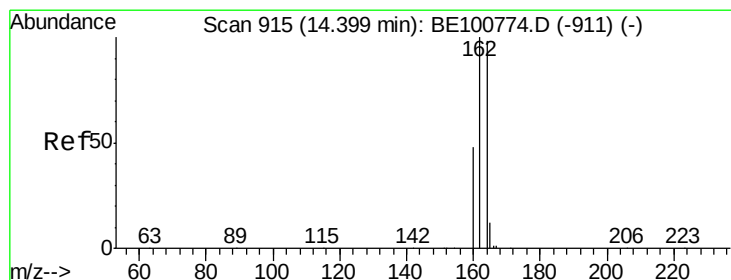
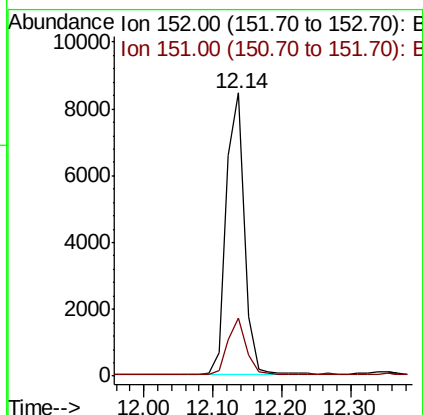
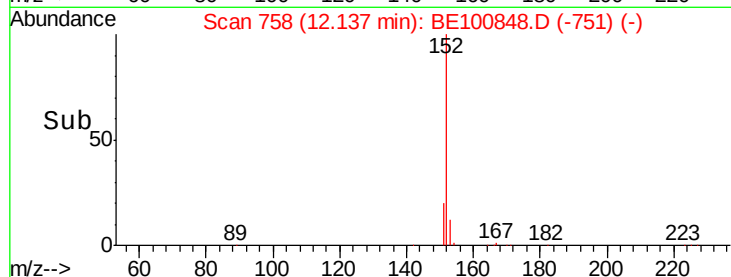
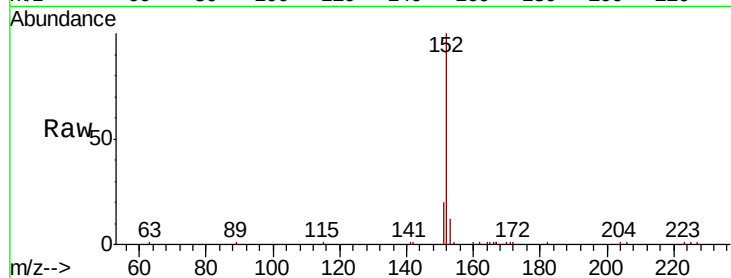




#11
 2-Methylnaphthalene-d10
 Concen: 0.448 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100848.D
 Acq: 11 Dec 2019 16:16

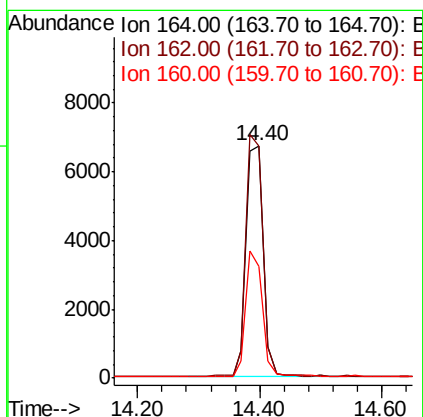
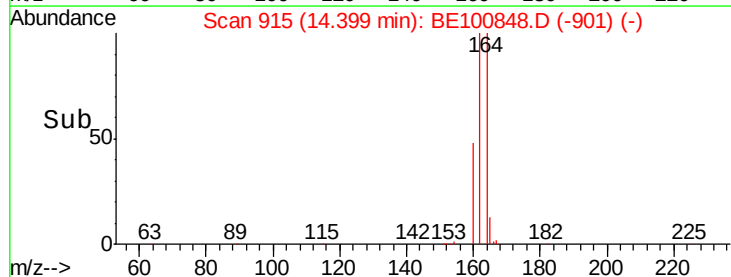
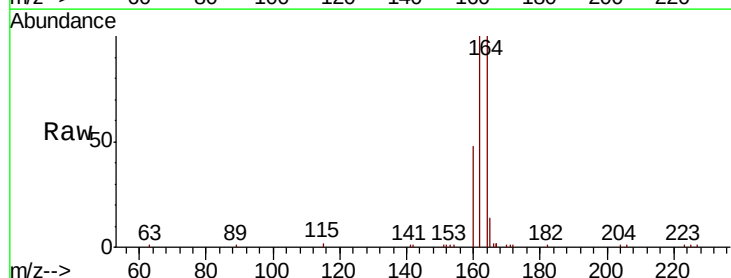
Instrument :
 BNA_E
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 TT101D-20191205

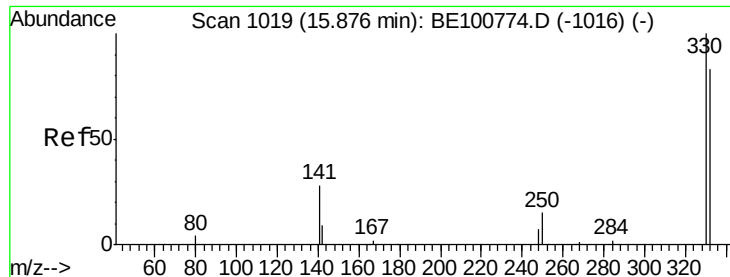
Tot Ion:152 Resp: 15303
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.8 23.8



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BE100848.D
 Acq: 11 Dec 2019 16:16

Tgt Ion:164 Resp: 12996
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.4 122.0
 160 48.0 39.4 59.0

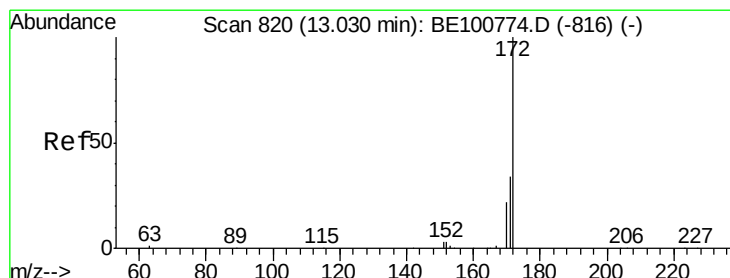
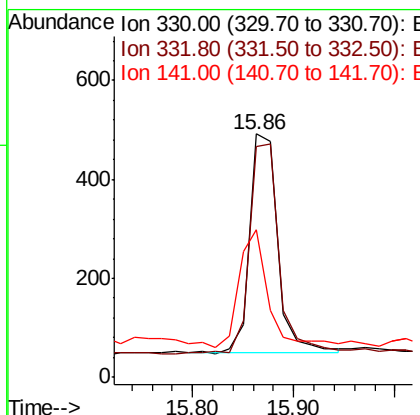
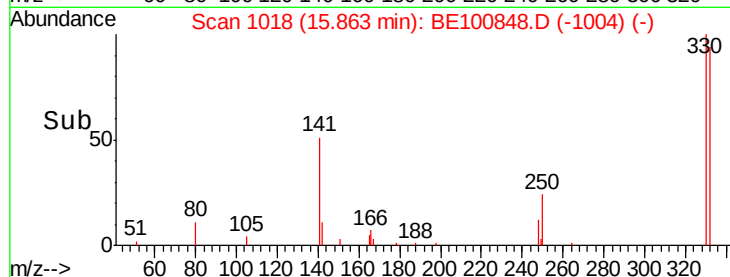
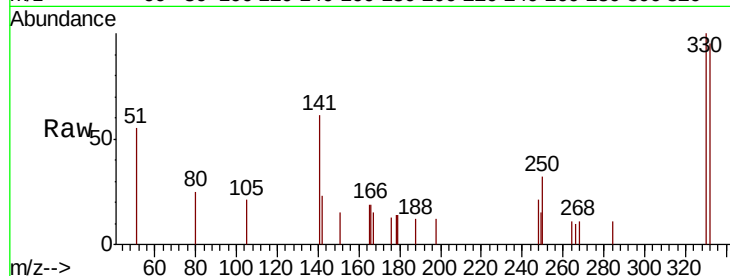




#14
 2,4,6-Tribromophenol
 Concen: 0.597 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100848.D
 Acq: 11 Dec 2019 16:16

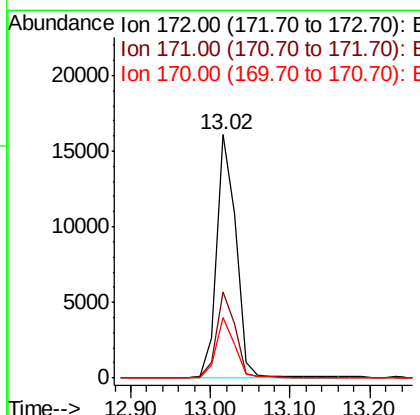
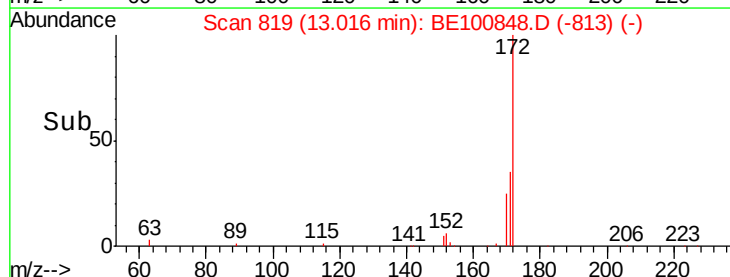
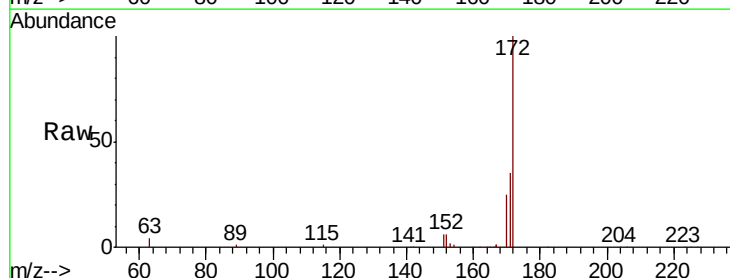
Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20191205

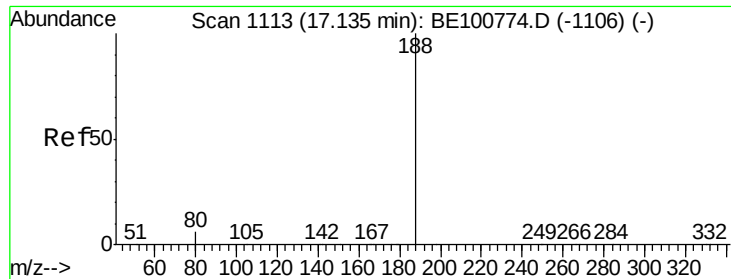
Tot Ion:330 Resp: 863
 Ion Ratio Lower Upper
 330 100
 332 101.5 69.4 104.2
 141 57.2 51.1 76.7



#15
 2-Fluorobiphenyl
 Concen: 0.516 ng
 RT: 13.02 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE100848.D
 Acq: 11 Dec 2019 16:16

Tgt Ion:172 Resp: 26610
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.2 40.8
 170 24.8 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: BE100848.D

Acq: 11 Dec 2019 16:16

Instrument :

BNA_E

ClientSampleId :

TT101D-20191205

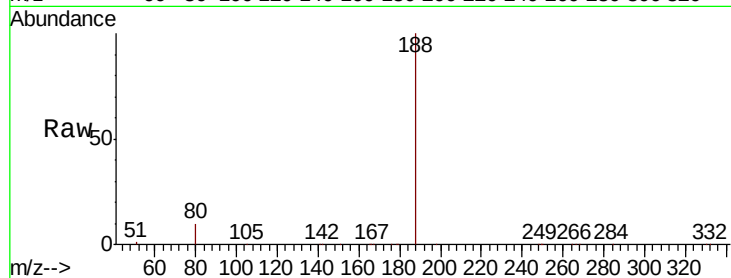
Tot Ion:188 Resp: 30987

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

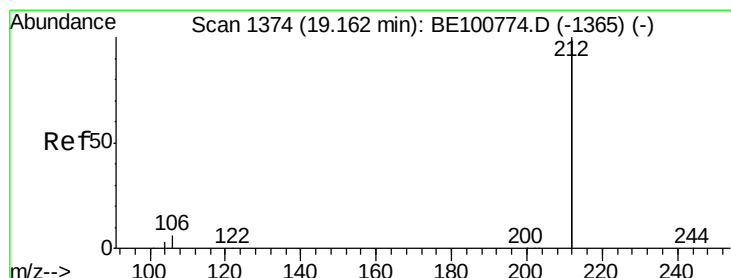
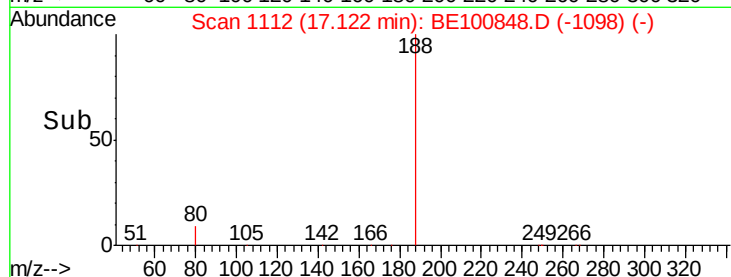
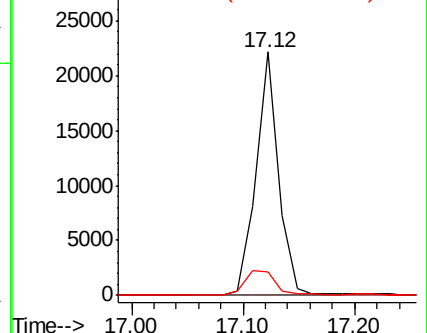
80 9.6 5.2 7.8#



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



#25

Fluoranthene-d10

Concen: 0.409 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100848.D

Acq: 11 Dec 2019 16:16

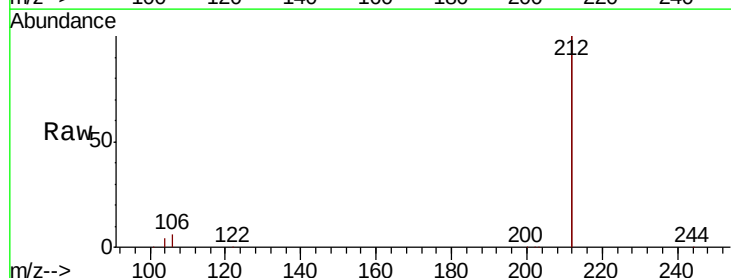
Tgt Ion:212 Resp: 149914

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

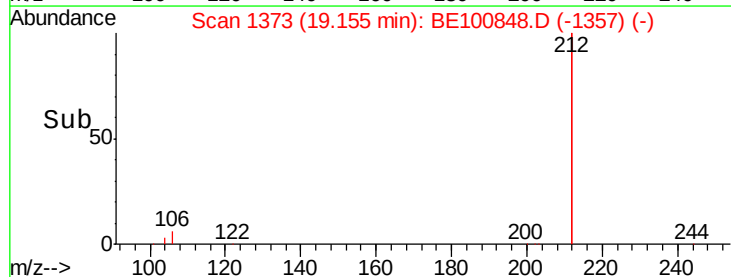
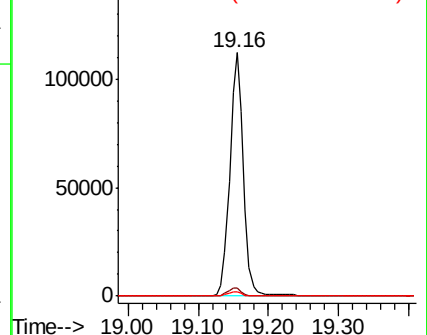
104 1.8 1.4 2.2

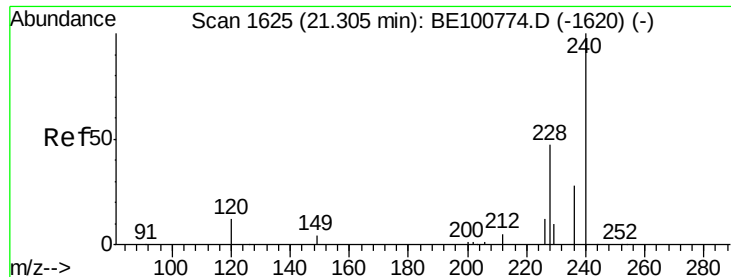


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

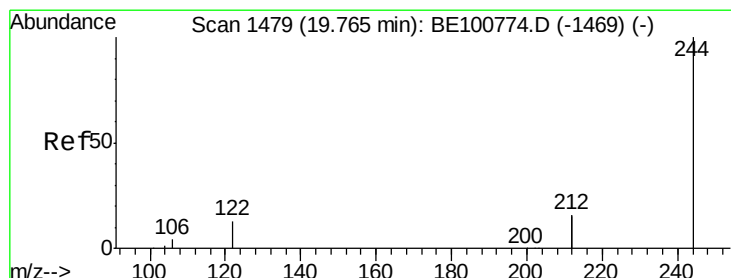
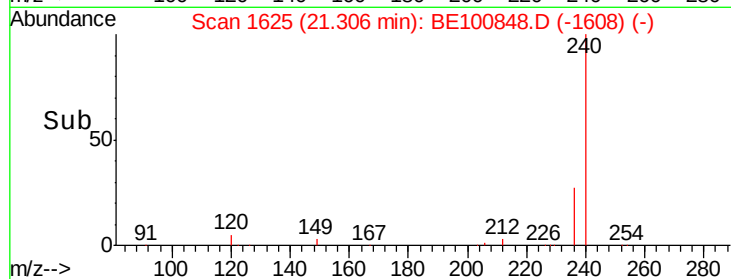
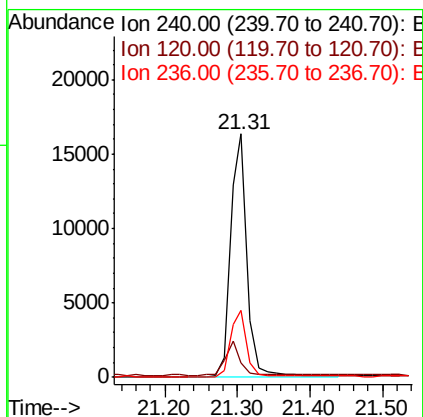
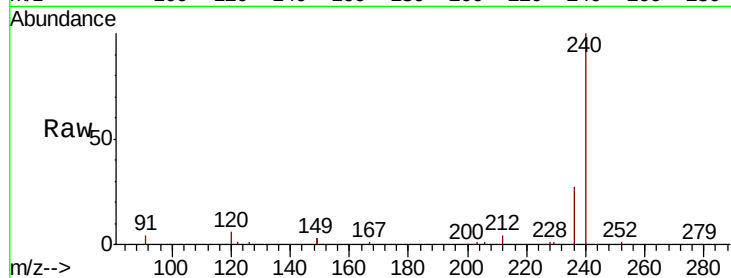




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100848.D
Acq: 11 Dec 2019 16:16

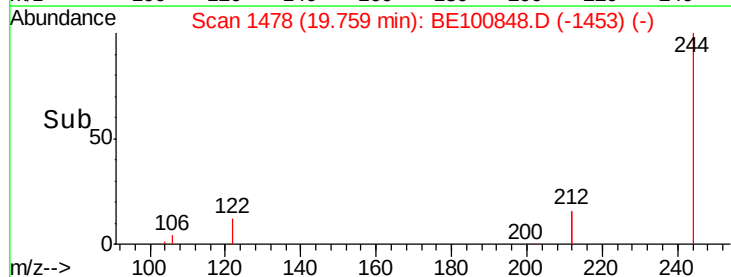
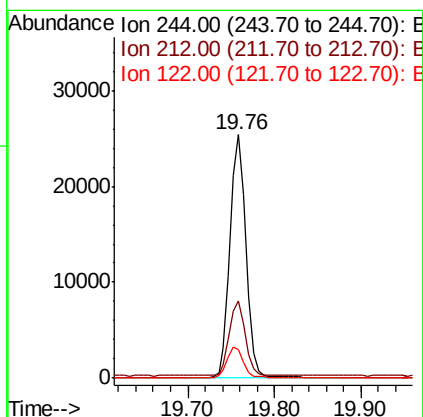
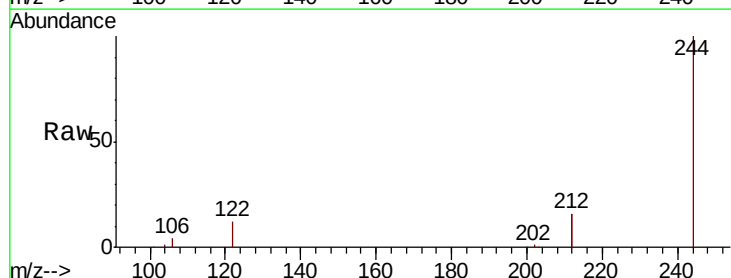
Instrument :
BNA_E
ClientSampleId :
TT101D-20191205

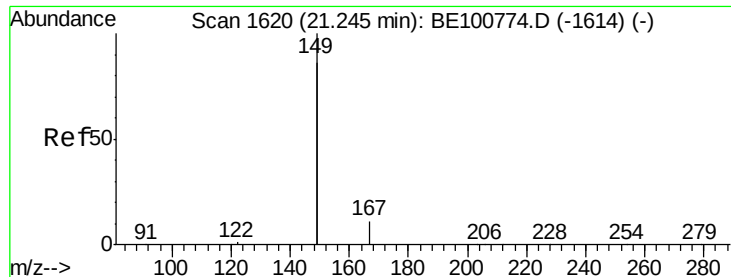
Tot Ion:240 Resp: 25932
Ion Ratio Lower Upper
240 100
120 6.0 10.2 15.2#
236 27.3 22.3 33.5



#29
Terphenyl-d14
Concen: 0.513 ng
RT: 19.76 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE100848.D
Acq: 11 Dec 2019 16:16

Tgt Ion:244 Resp: 31885
Ion Ratio Lower Upper
244 100
212 31.5 26.2 39.4
122 11.8 10.2 15.4

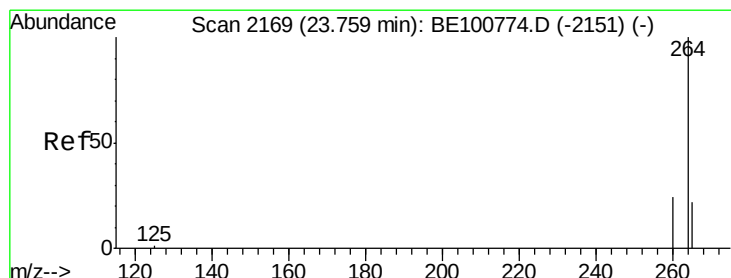
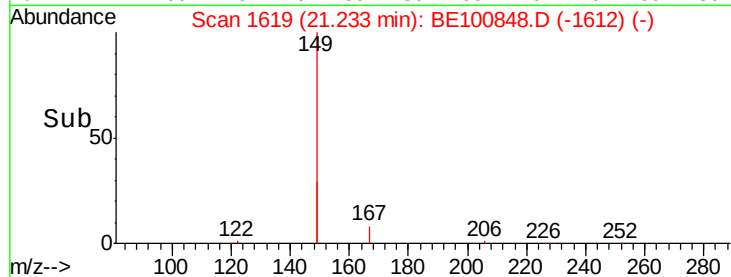
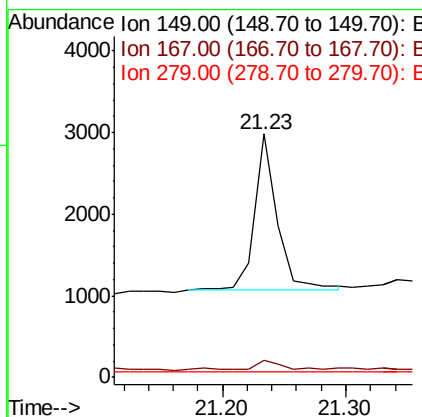
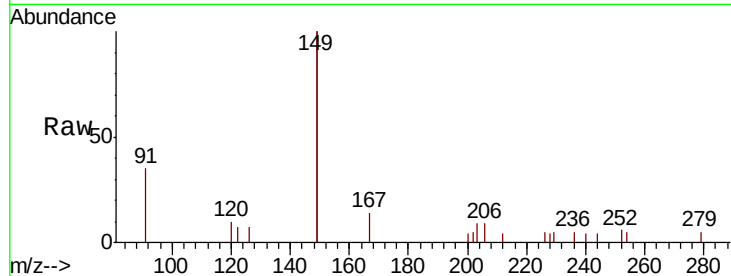




#32
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.23 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BE100848.D
 Acq: 11 Dec 2019 16:16

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20191205

Tot Ion:149 Resp: 2423
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.0 7.6
 279 1.4 0.7 1.1#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.75 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BE100848.D
 Acq: 11 Dec 2019 16:16

Tgt Ion:264 Resp: 27170
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 25.2 21.8 32.8

