

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061919\
 Data File : BE100095.D
 Acq On : 19 Jun 2019 22:52
 Operator : JU/SJ
 Sample : K3309-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW005-190610

Quant Time: Jun 20 03:51:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	797	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	2785	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	2193	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	6959	0.40	ng	0.00
27) Chrysene-d12	21.34	240	10324	0.40	ng	0.00
34) Perylene-d12	23.84	264	11949	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	267	0.16	ng	0.00
5) Phenol-d6	6.91	99	214	0.09	ng	-0.02
8) Nitrobenzene-d5	8.90	82	1036	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	1508	0.28	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	587	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3183	0.37	ng	-0.01
25) Fluoranthene-d10	19.20	212	33139	0.33	ng	0.00
29) Terphenyl-d14	19.79	244	9248	0.45	ng	-0.01

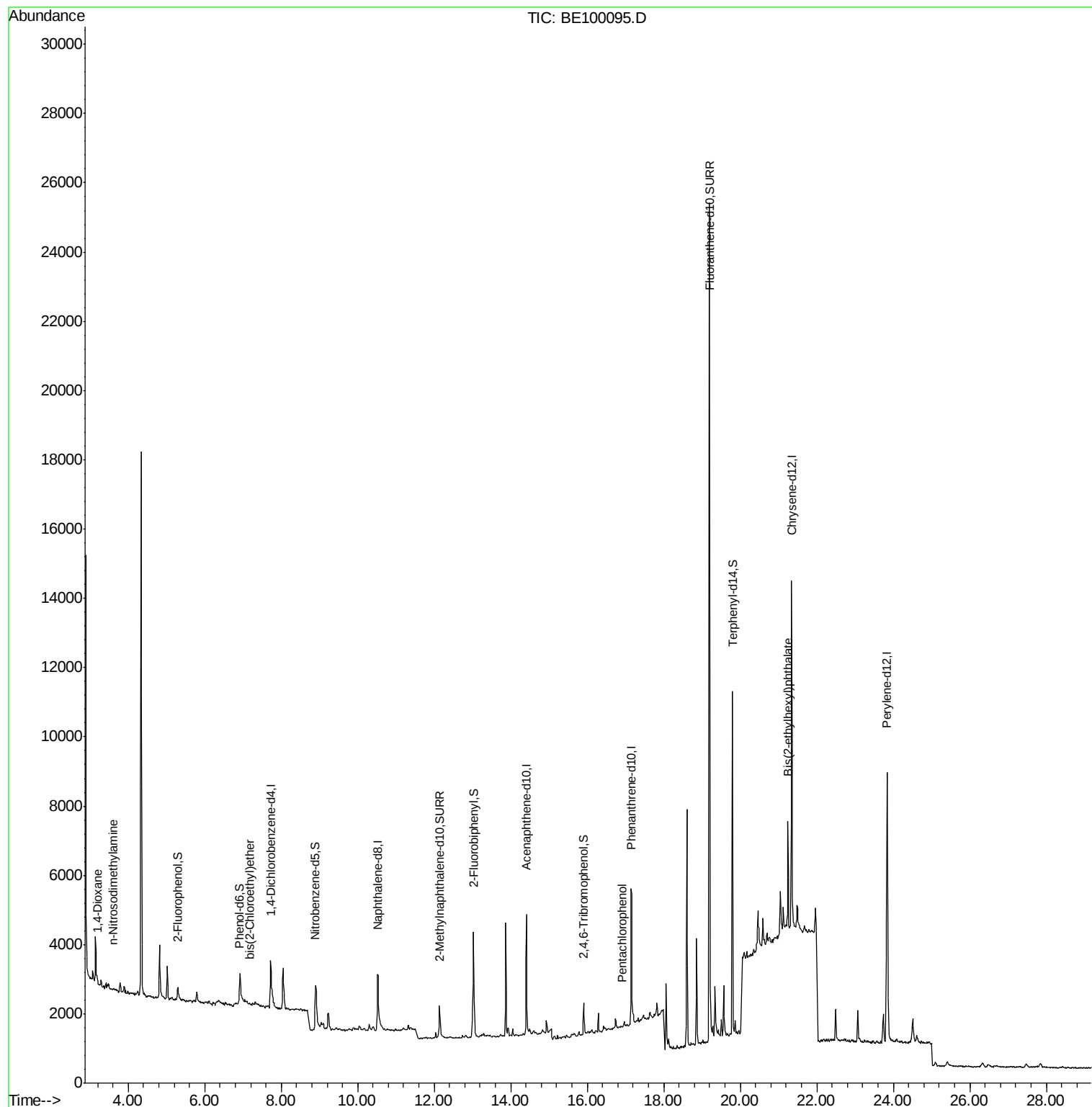
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	111	0.087	ng	# 1
3) n-Nitrosodimethylamine	3.61	42	18	0.363	ng	# 100
6) bis(2-Chloroethyl)ether	7.18	93	8	0.037	ng	# 88
22) Pentachlorophenol	16.91	266	4	0.245	ng	90
32) Bis(2-ethylhexyl)phthalate	21.24	149	3559	0.123	ng	# 97

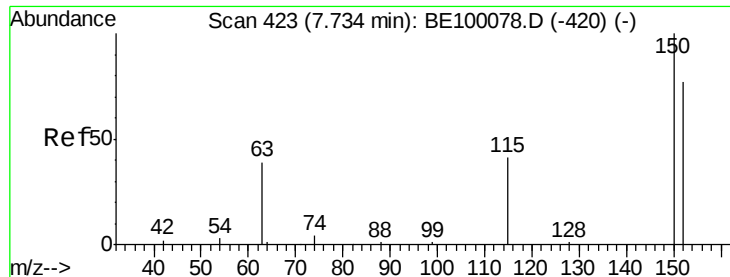
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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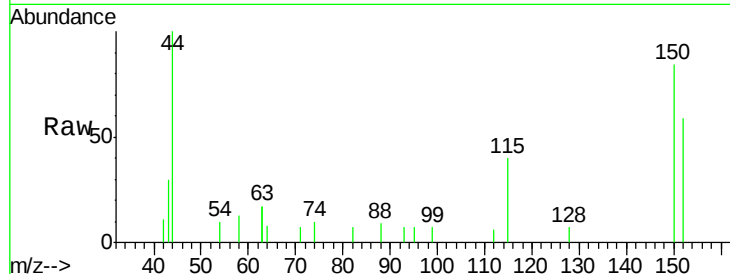


#1

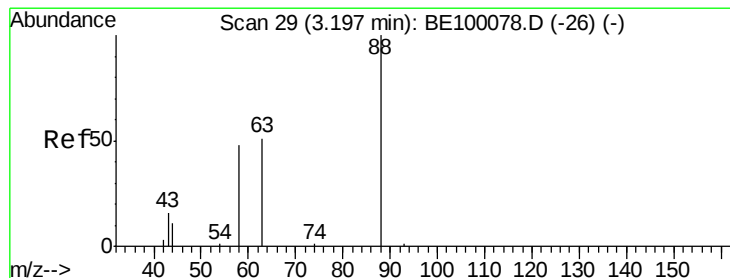
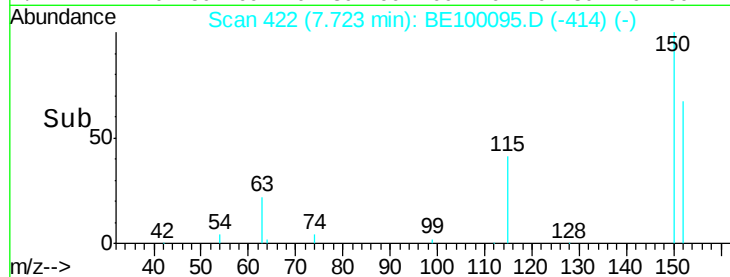
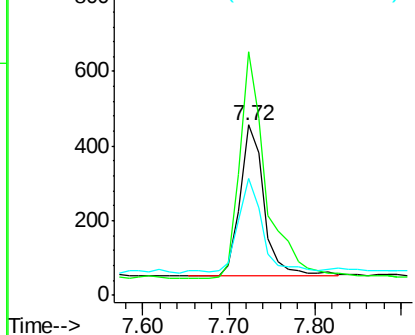
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100095.D
Acq: 19 Jun 2019 22:52

Instrument :
BNA_E
ClientSampleId :
LF017MW005-190610

Tgt Ion: 152 Resp: 797
Ion Ratio Lower Upper
152 100
150 143.2 99.8 149.8
115 68.4 51.3 76.9



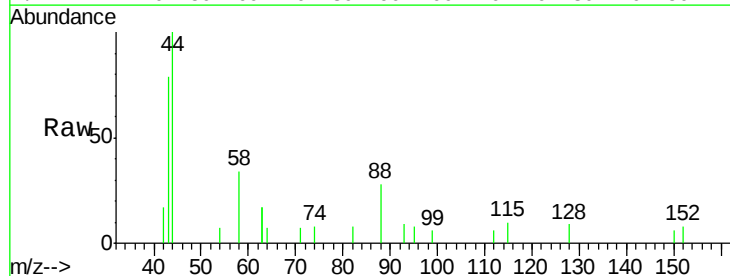
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



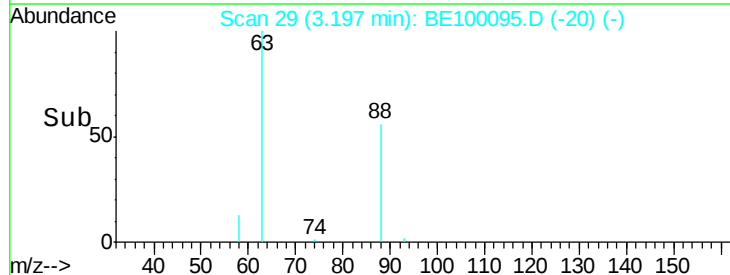
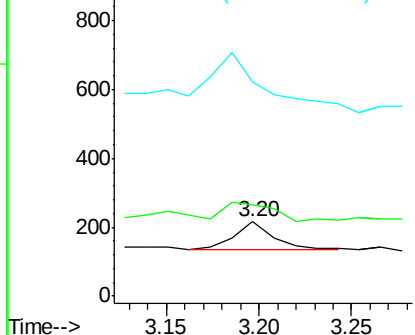
#2

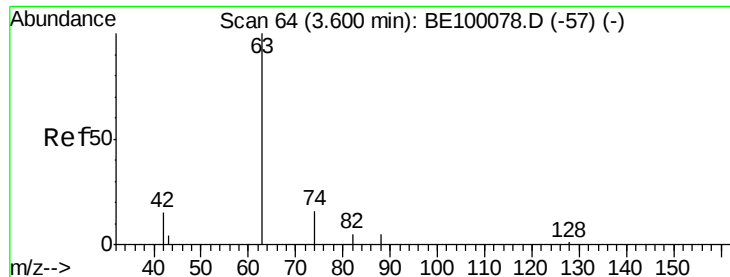
1,4-Dioxane
Concen: 0.087 ng
RT: 3.20 min Scan# 29
Delta R.T. -0.00 min
Lab File: BE100095.D
Acq: 19 Jun 2019 22:52

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
58 74.8 51.1 76.7
43 252.3 21.7 32.5#



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: 0.363 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

Instrument :

BNA_E

ClientSampleId :

LF017MW005-190610

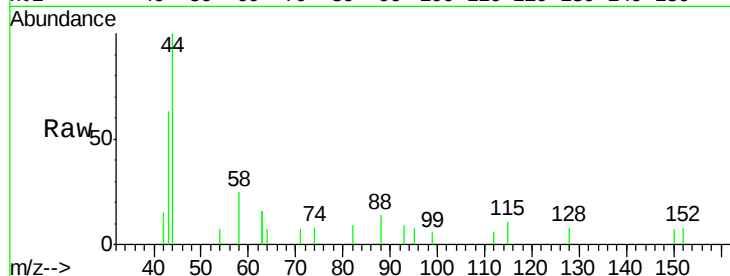
Tgt Ion: 42 Resp: 18

Ion Ratio Lower Upper

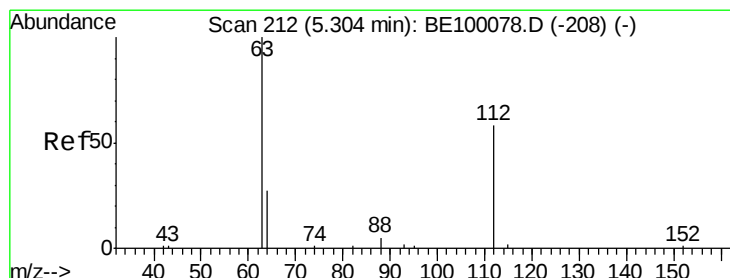
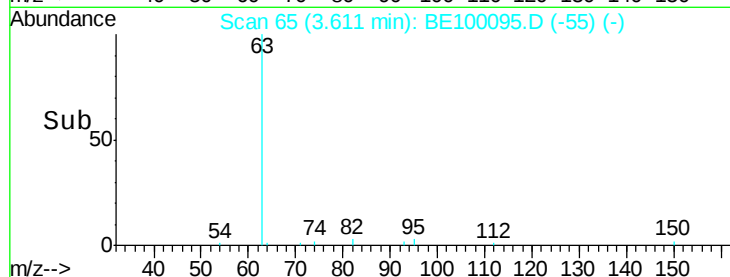
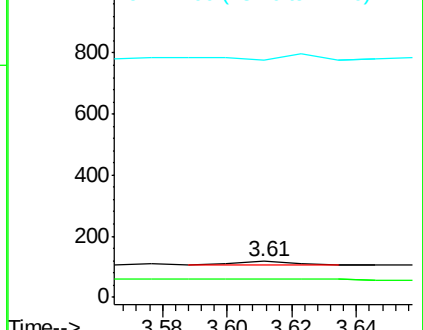
42 100

74 144.4 0.0 0.0#

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.161 ng

RT: 5.30 min Scan# 212

Delta R.T. -0.00 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

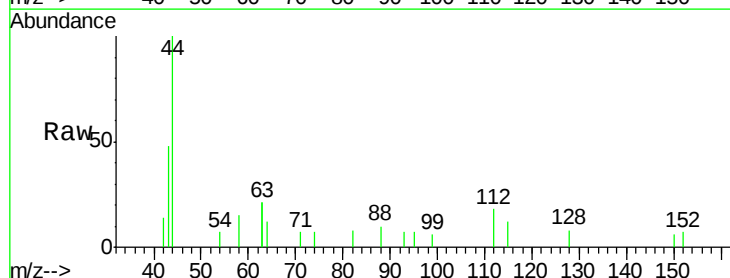
Tgt Ion: 112 Resp: 267

Ion Ratio Lower Upper

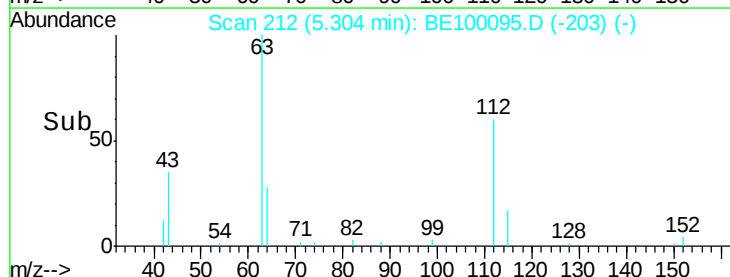
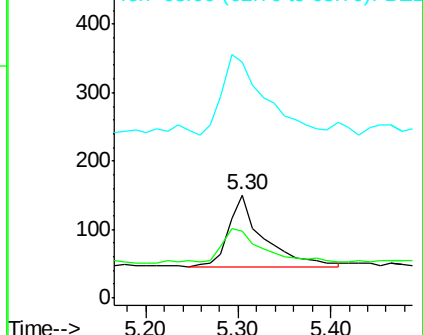
112 100

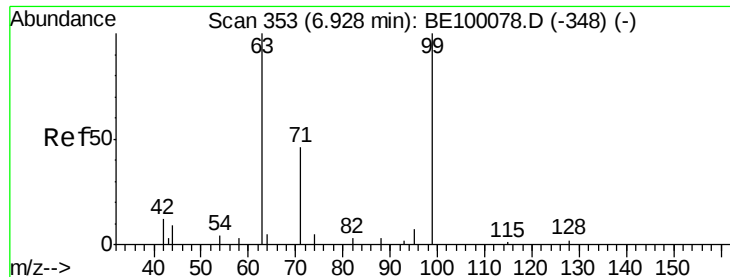
64 54.3 22.0 33.0#

63 141.9 121.8 182.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.094 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

Instrument :

BNA_E

ClientSampleId :

LF017MW005-190610

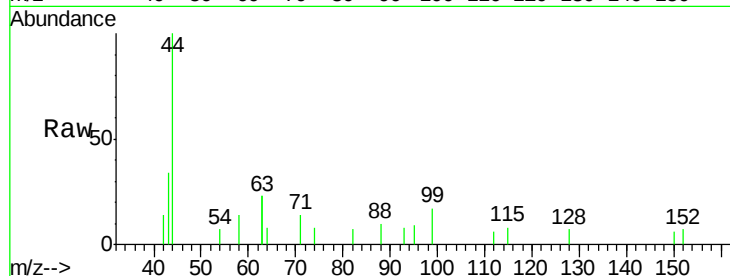
Tgt Ion: 99 Resp: 214

Ion Ratio Lower Upper

99 100

42 29.4 0.0 0.0#

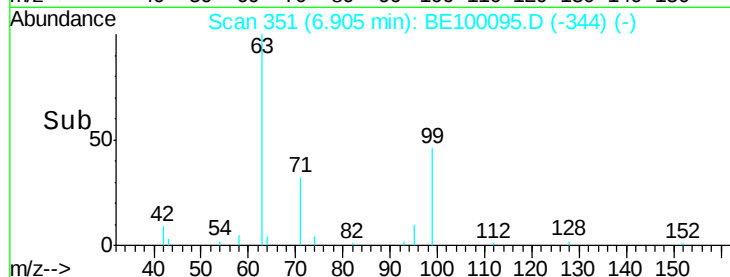
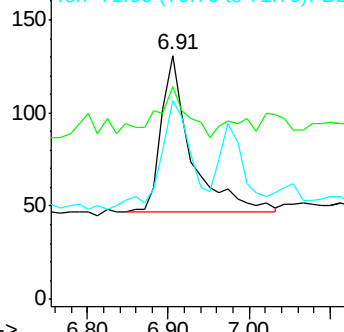
71 64.5 37.6 56.4#



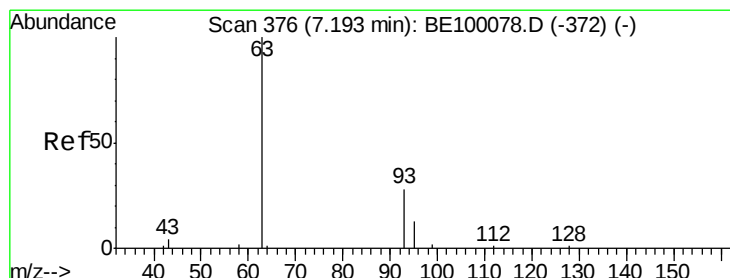
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.037 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

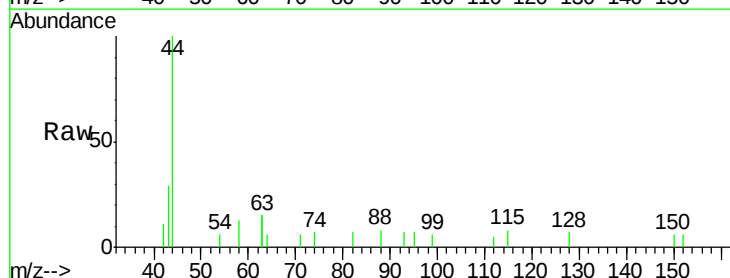
Tgt Ion: 93 Resp: 8

Ion Ratio Lower Upper

93 100

63 262.5 200.0 300.0

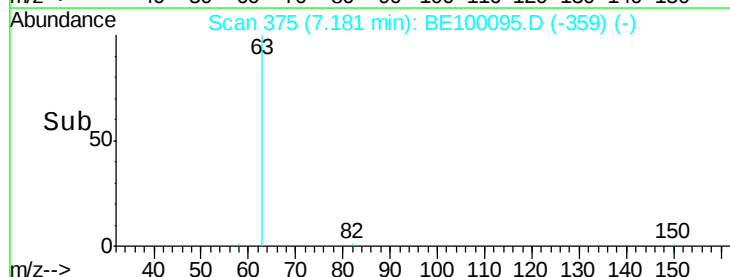
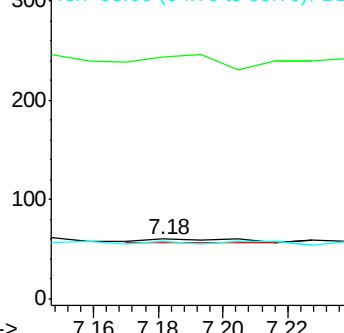
95 0.0 24.0 36.0#

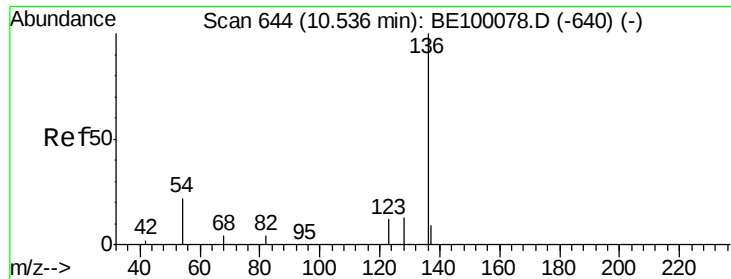


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100095.D

Acq: 19 Jun 2019 22:52

Instrument :

BNA_E

ClientSampleId :

LF017MW005-190610

Tgt Ion: 136 Resp: 2785

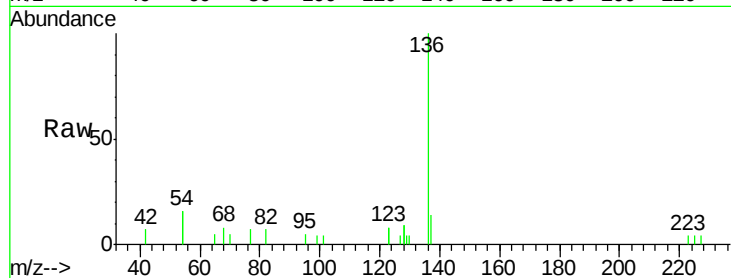
Ion Ratio Lower Upper

136 100

137 13.7 11.6 17.4

54 31.4 33.9 50.9#

68 8.0 7.8 11.8

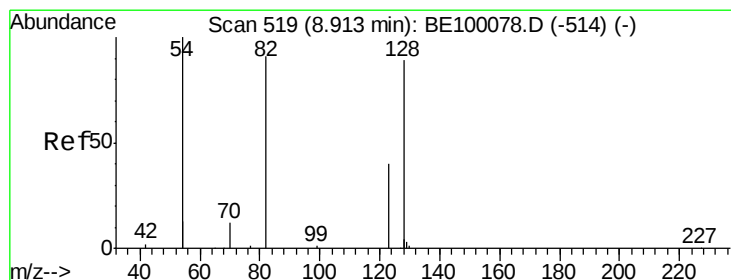
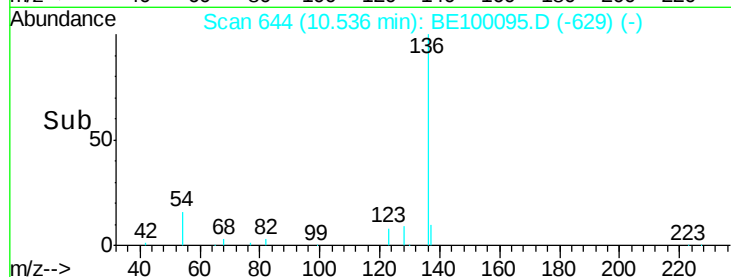
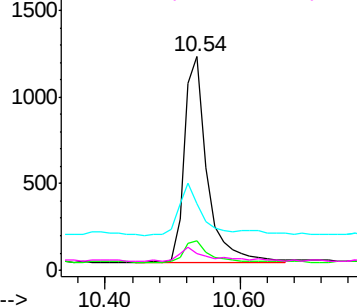


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.384 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

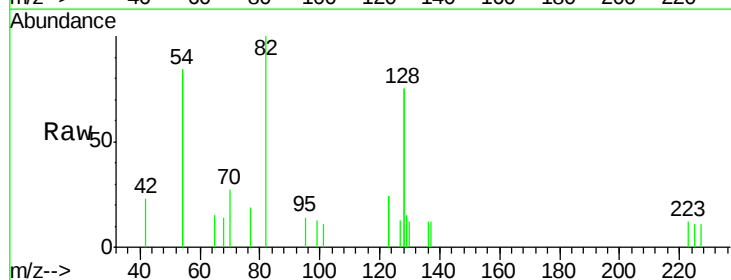
Tgt Ion: 82 Resp: 1036

Ion Ratio Lower Upper

82 100

128 150.4 128.0 192.0

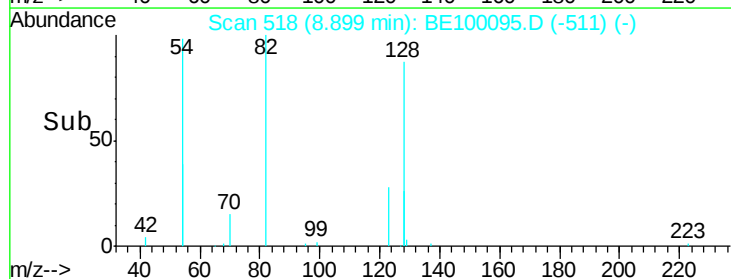
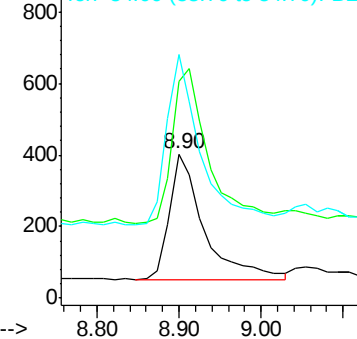
54 168.7 143.4 215.0

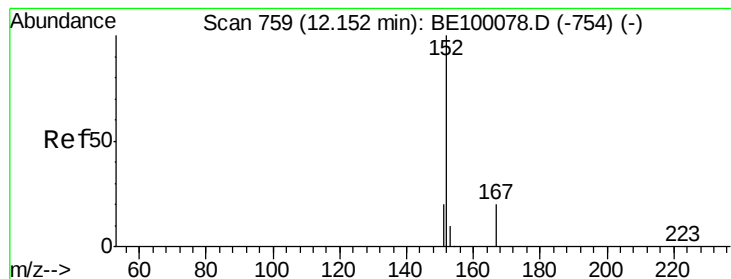


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.285 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

Instrument :

BNA_E

ClientSampleId :

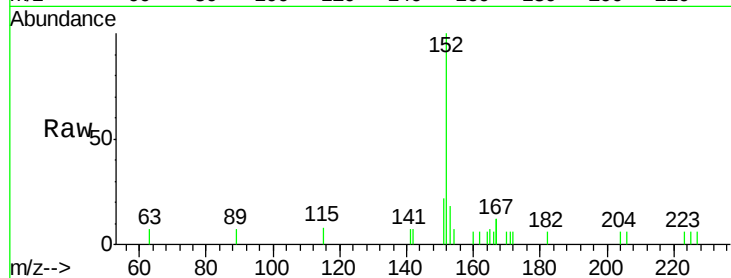
LF017MW005-190610

Tgt Ion:152 Resp: 1508

Ion Ratio Lower Upper

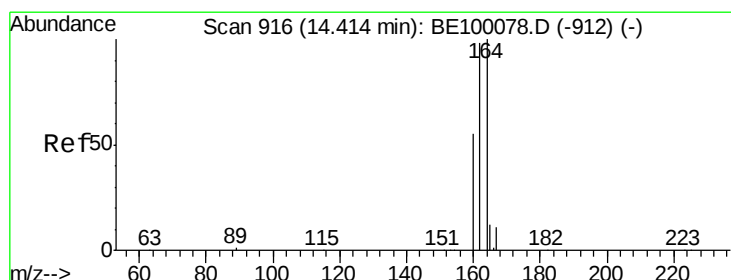
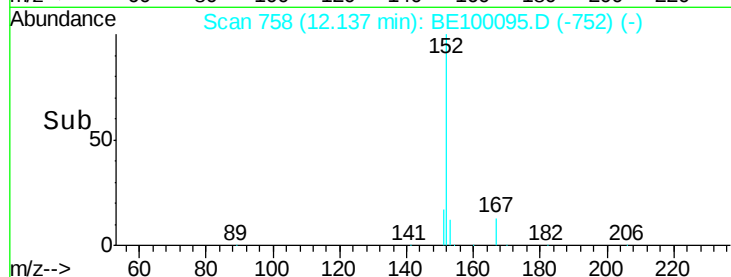
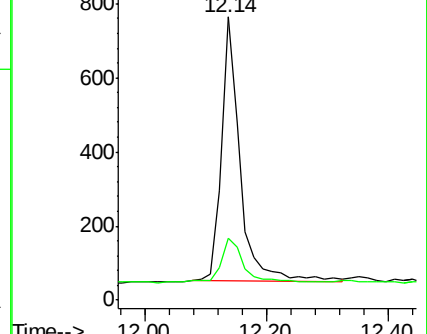
152 100

151 19.6 16.3 24.5



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: 14.41 min Scan# 916

Delta R.T. -0.00 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

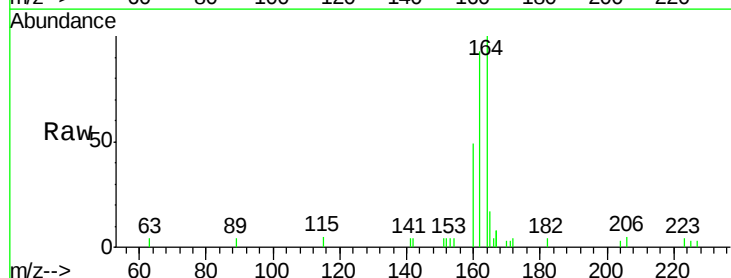
Tgt Ion:164 Resp: 2193

Ion Ratio Lower Upper

164 100

162 93.4 78.2 117.2

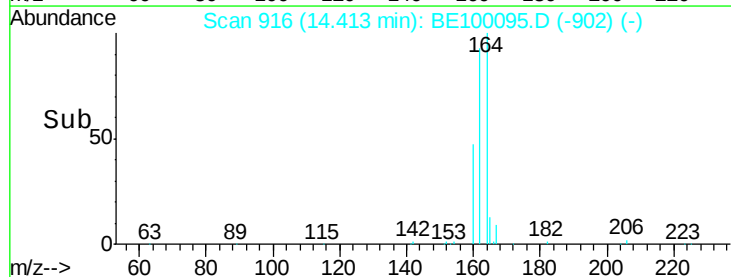
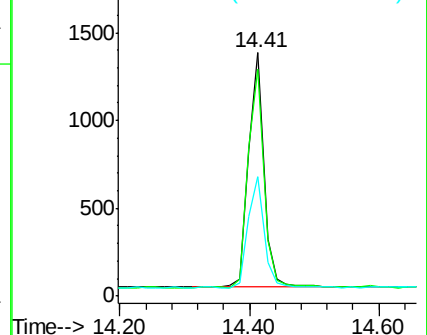
160 48.9 45.6 68.4

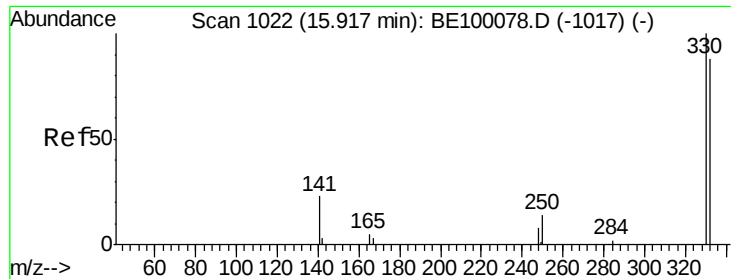


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

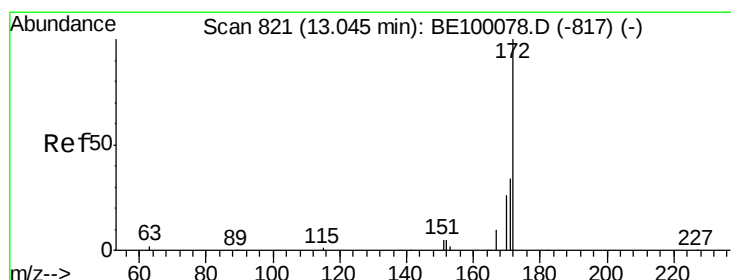
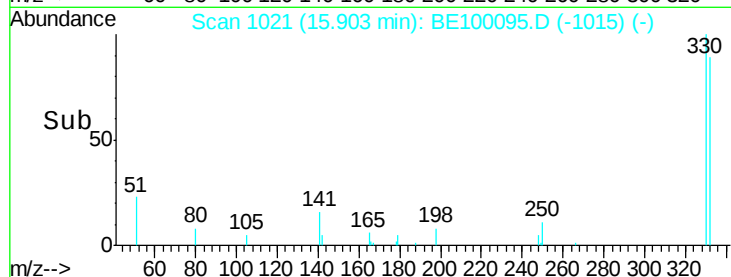
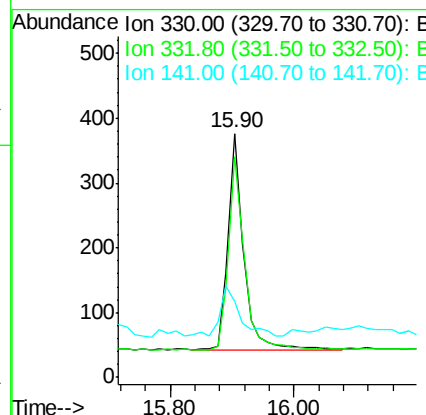
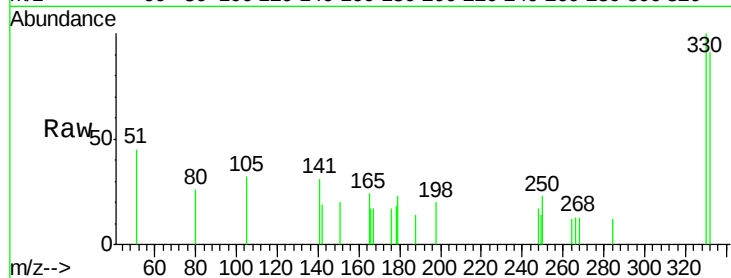




#14
 2,4,6-Tribromophenol
 Concen: 0.485 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100095.D
 Acq: 19 Jun 2019 22:52

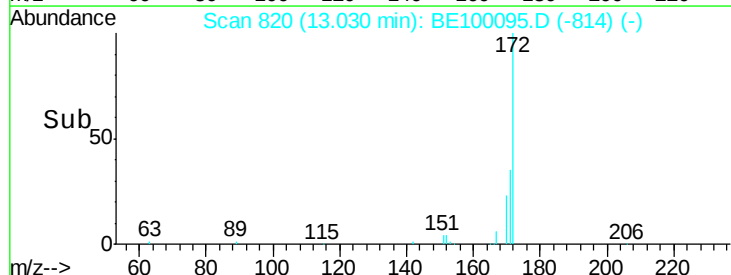
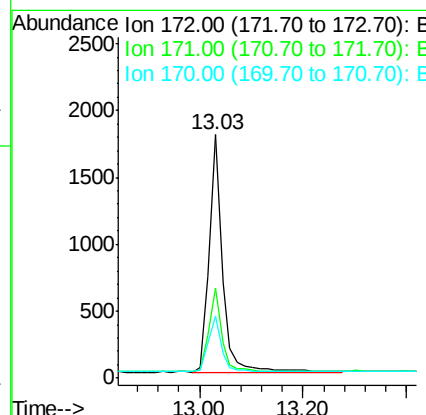
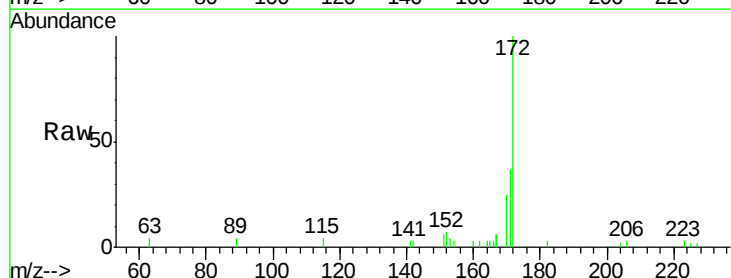
Instrument :
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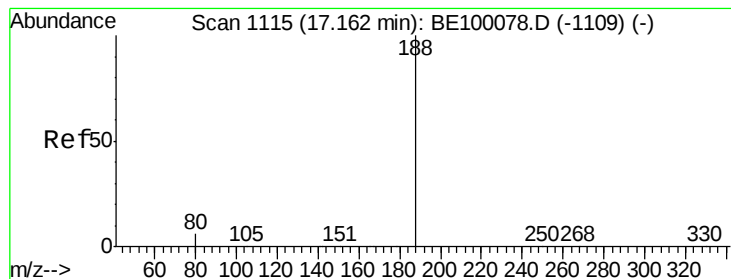
Tgt Ion: 330 Resp: 587
 Ion Ratio Lower Upper
 330 100
 332 91.8 73.3 109.9
 141 28.6 22.2 33.2



#15
 2-Fluorobiphenyl
 Concen: 0.369 ng
 RT: 13.03 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BE100095.D
 Acq: 19 Jun 2019 22:52

Tgt Ion: 172 Resp: 3183
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.8
 170 25.2 23.2 34.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

Instrument :

BNA_E

ClientSampleId :

LF017MW005-190610

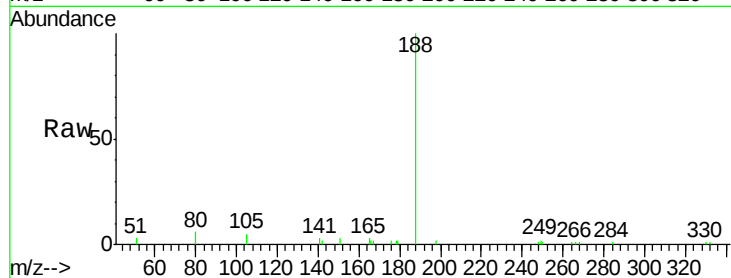
Tgt Ion:188 Resp: 6959

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

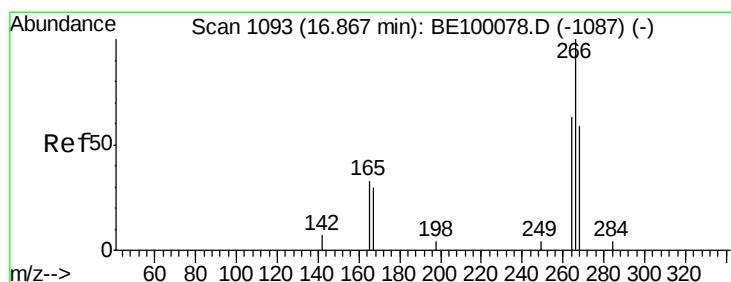
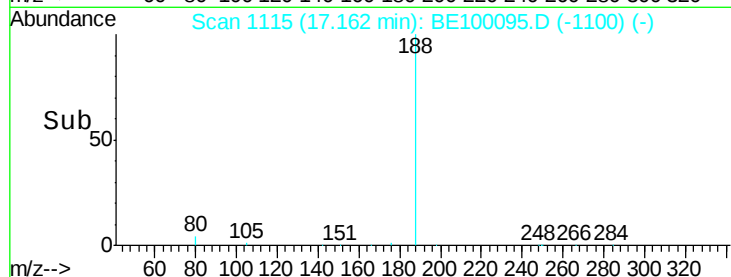
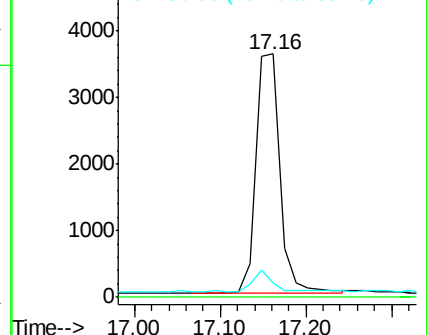
80 6.1 6.3 9.5#



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: 0.245 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.04 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

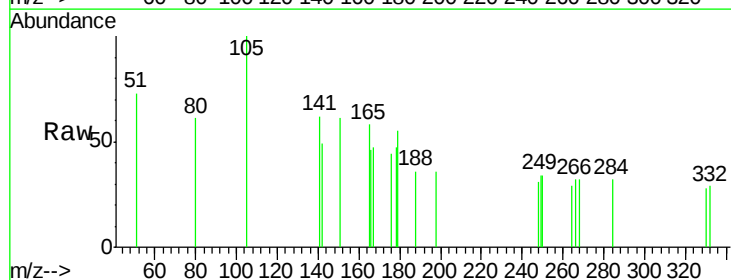
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 90.0 67.8 101.6

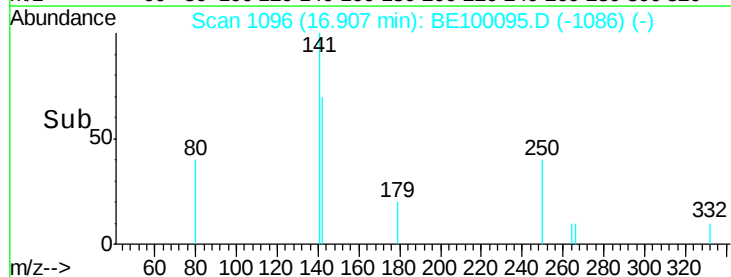
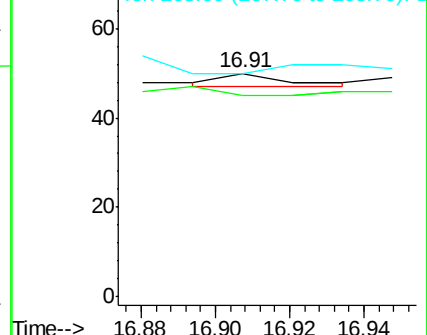
268 100.0 70.0 105.0

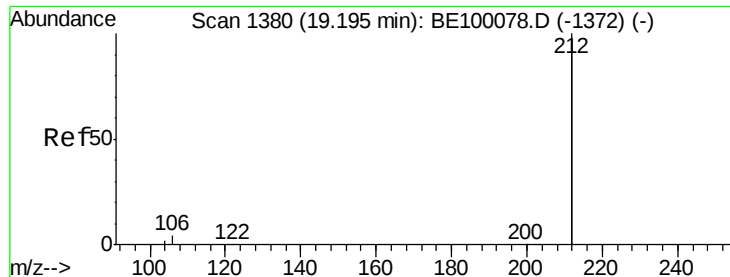


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

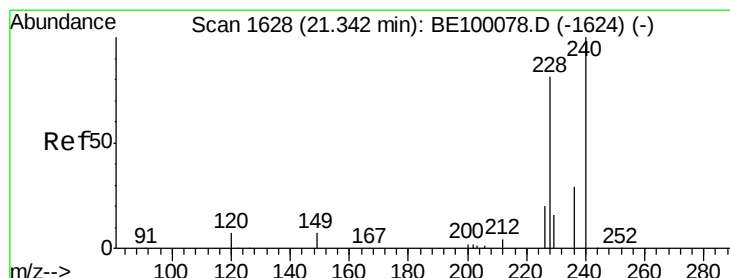
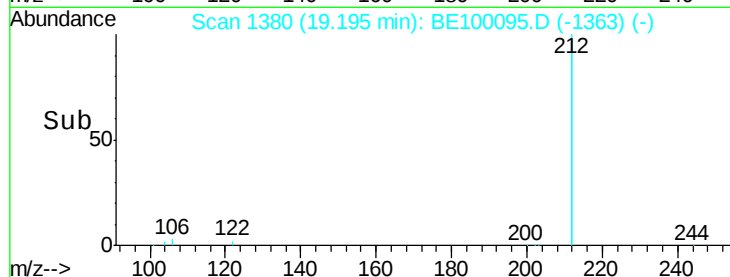
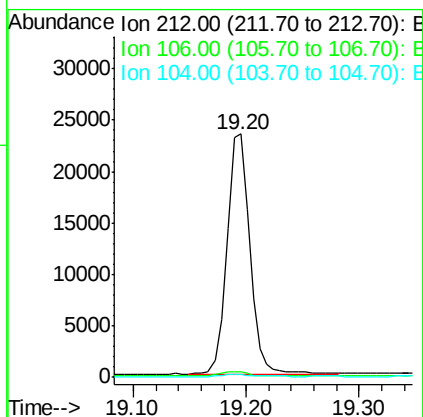
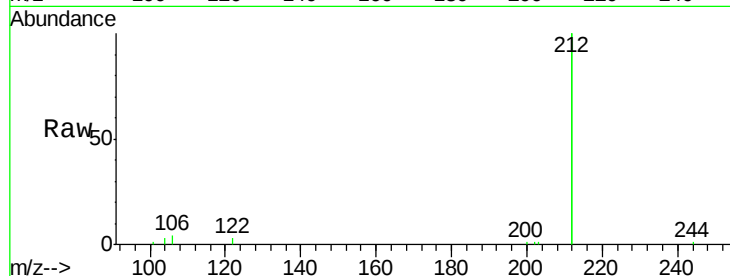




#25
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BE100095.D
Acq: 19 Jun 2019 22:52

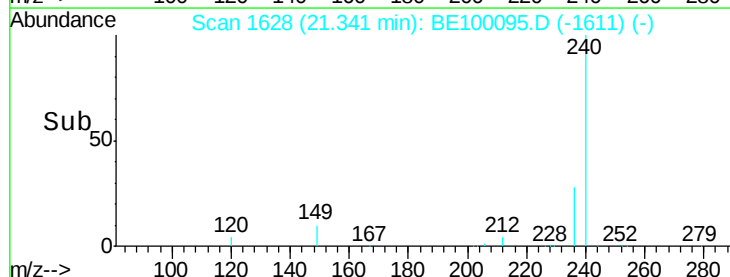
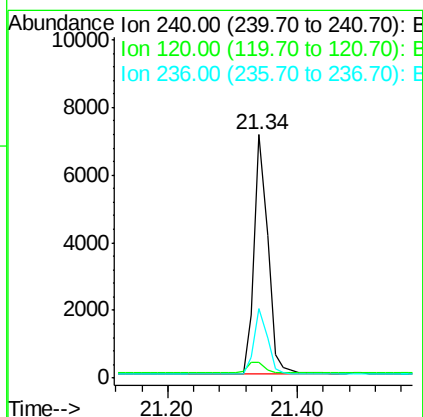
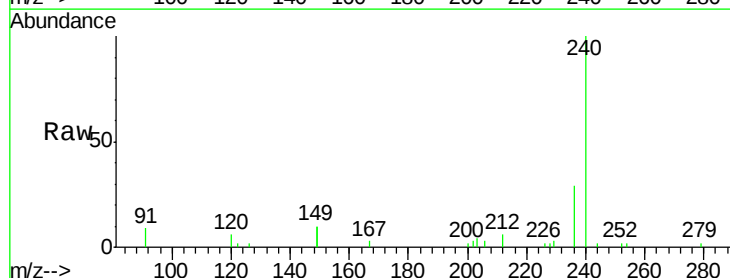
Instrument :
BNA_E
ClientSampleId :
LF017MW005-190610

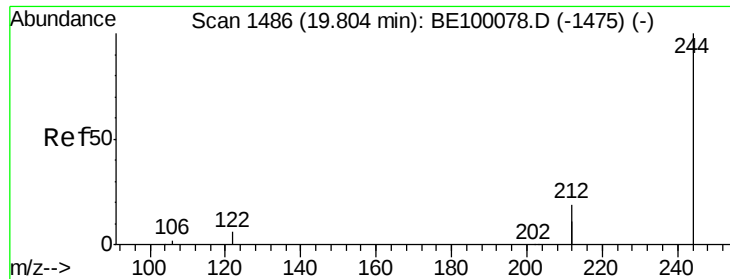
Tgt Ion: 212 Resp: 33139
Ion Ratio Lower Upper
212 100
106 2.4 1.4 2.0#
104 1.2 0.8 1.2#



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100095.D
Acq: 19 Jun 2019 22:52

Tgt Ion: 240 Resp: 10324
Ion Ratio Lower Upper
240 100
120 6.5 6.6 10.0#
236 28.8 23.8 35.6





#29

Terphenyl-d14

Concen: 0.448 ng

RT: 19.79 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

Instrument :

BNA_E

ClientSampleId :

LF017MW005-190610

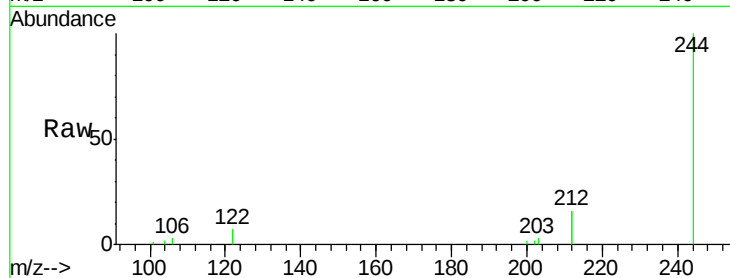
Tgt Ion:244 Resp: 9248

Ion Ratio Lower Upper

244 100

212 32.4 29.8 44.8

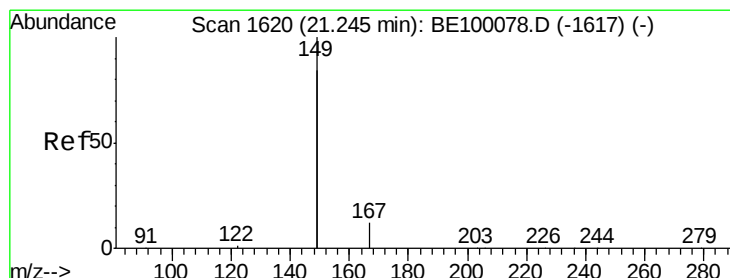
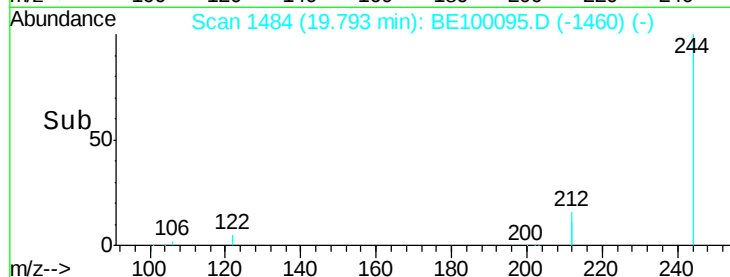
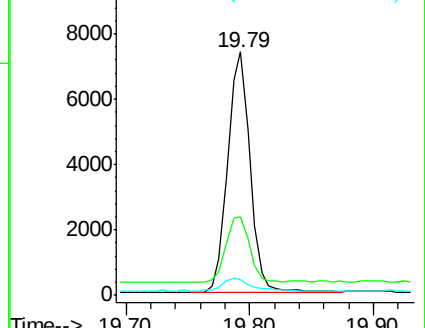
122 6.6 6.1 9.1



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: 0.123 ng

RT: 21.24 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

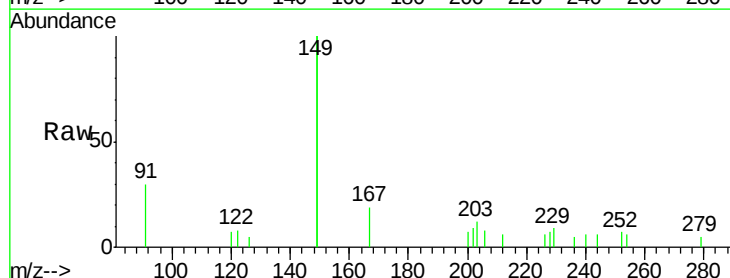
Tgt Ion:149 Resp: 3559

Ion Ratio Lower Upper

149 100

167 8.4 5.8 8.6

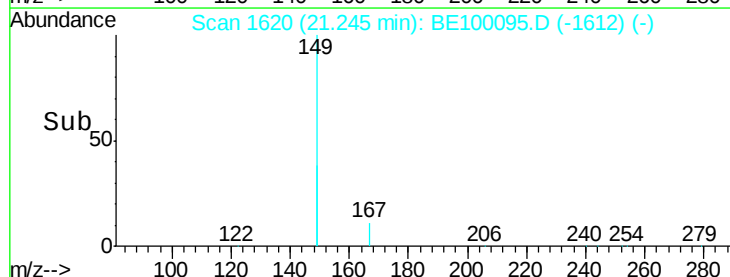
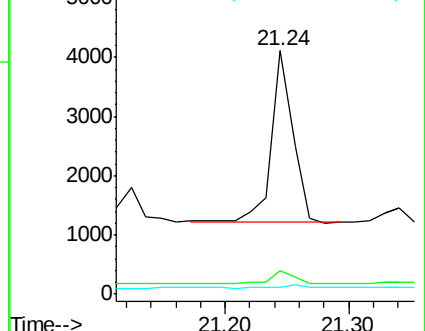
279 2.0 1.1 1.7#

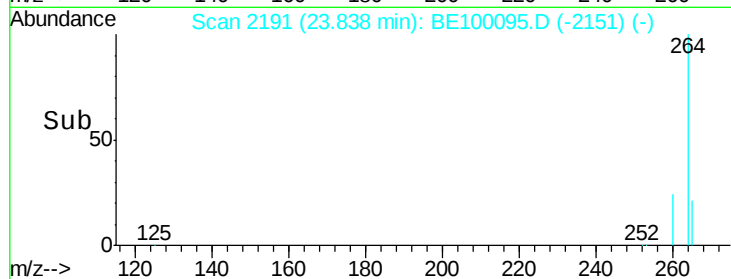
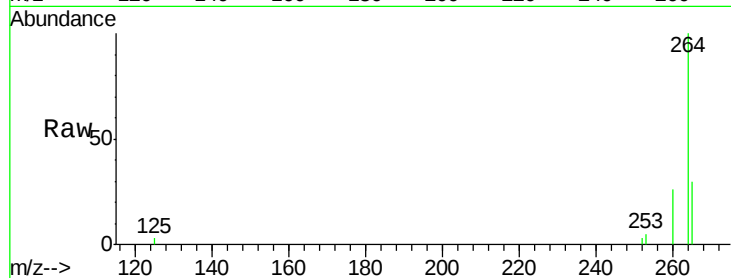
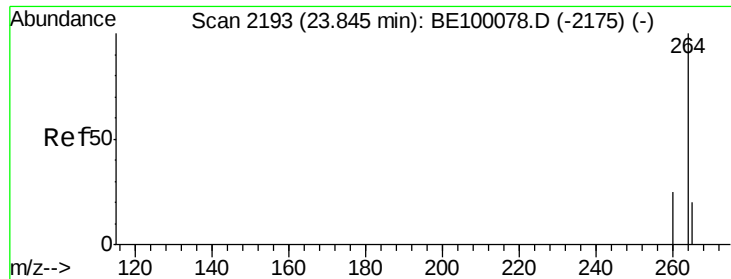


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.84 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BE100095.D

Acq: 19 Jun 2019 22:52

Instrument :

BNA_E

ClientSampleId :

LF017MW005-190610

Tgt Ion: 264 Resp: 11949

Ion Ratio Lower Upper

264 100

260 25.5 20.8 31.2

265 29.9 23.2 34.8

