

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100093.D
 Acq On : 19 Jun 2019 21:40
 Operator : JU/SJ
 Sample : K3309-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW004-190610

Quant Time: Jun 20 07:43:02 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

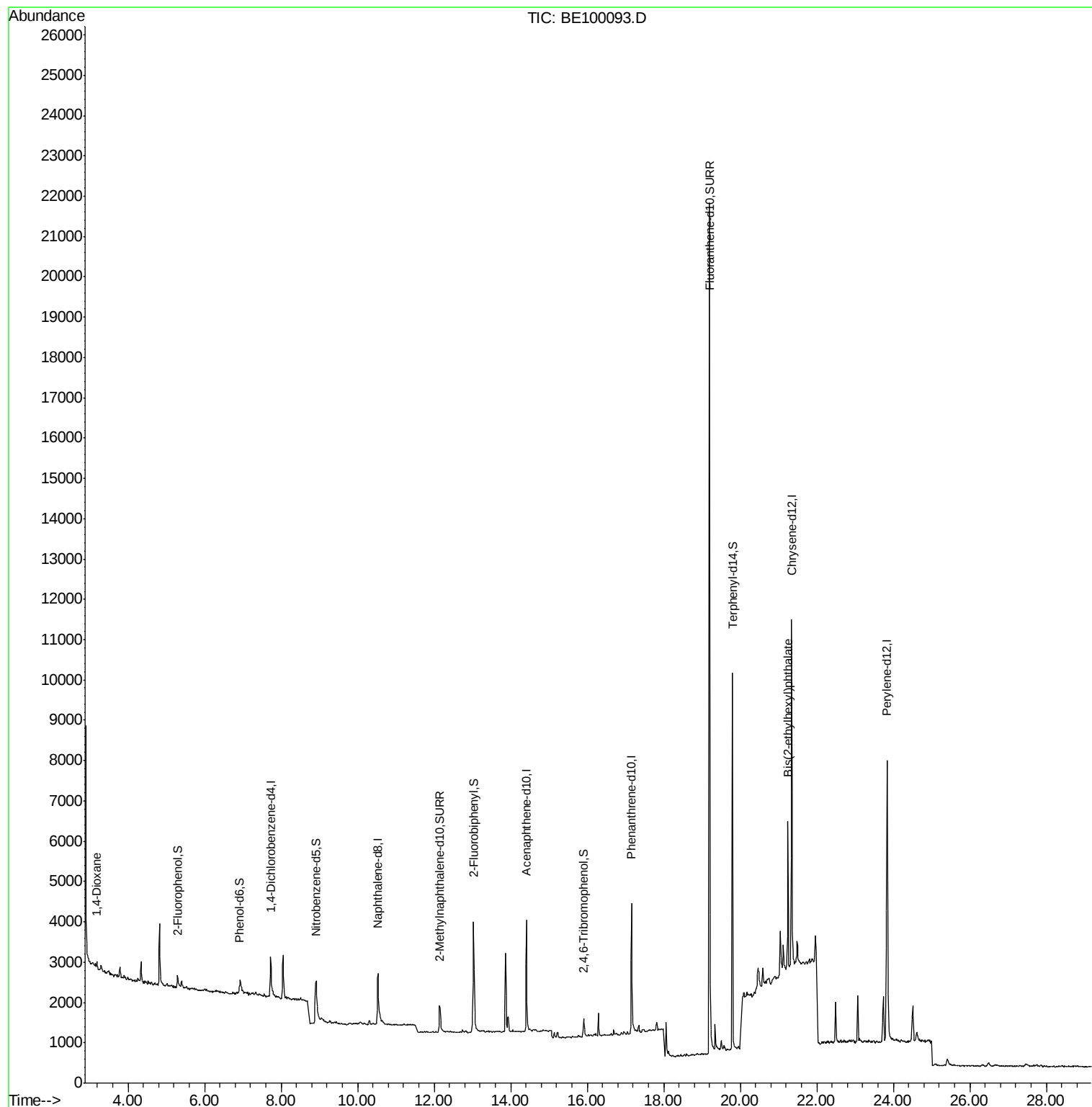
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	648	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	2327	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	1755	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	5689	0.40	ng	0.00
27) Chrysene-d12	21.34	240	9144	0.40	ng	0.00
34) Perylene-d12	23.84	264	10898	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	278	0.21	ng	0.00
5) Phenol-d6	6.91	99	216	0.12	ng	-0.02
8) Nitrobenzene-d5	8.91	82	892	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	1406	0.32	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	444	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3366	0.49	ng	-0.01
25) Fluoranthene-d10	19.20	212	29977	0.37	ng	0.00
29) Terphenyl-d14	19.79	244	9038	0.49	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.19	88	120	0.115	ng	Qvalue # 57
32) Bis(2-ethylhexyl)phthalate	21.25	149	4375	0.170	ng	98

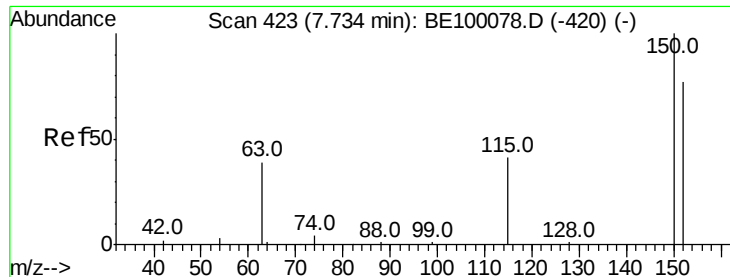
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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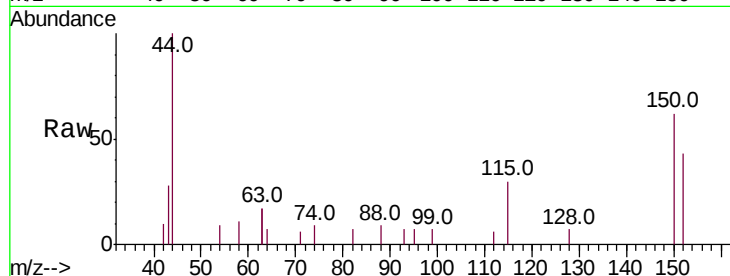


#1

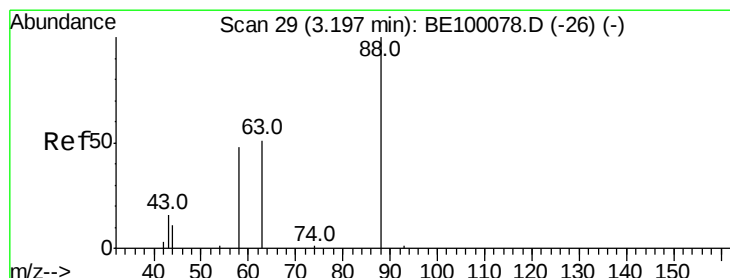
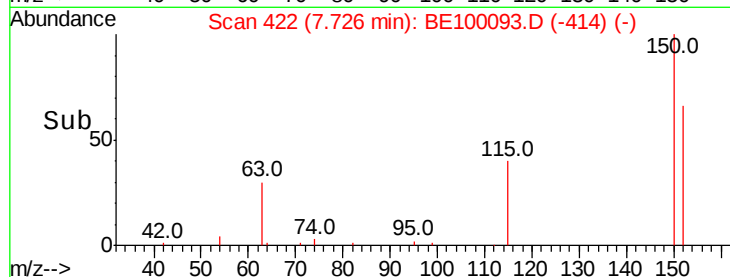
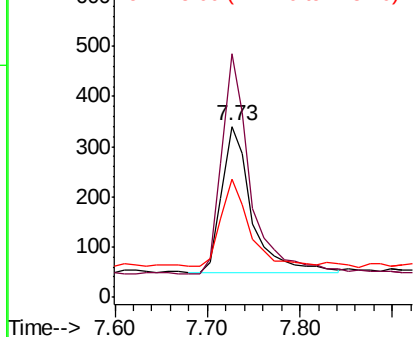
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100093.D
Acq: 19 Jun 2019 21:40

Instrument :
BNA_E
ClientSampleId :
LF017MW004-190610

Tot Ion:152 Resp: 648
Ion Ratio Lower Upper
152 100
150 142.6 99.8 149.8
115 68.8 51.3 76.9



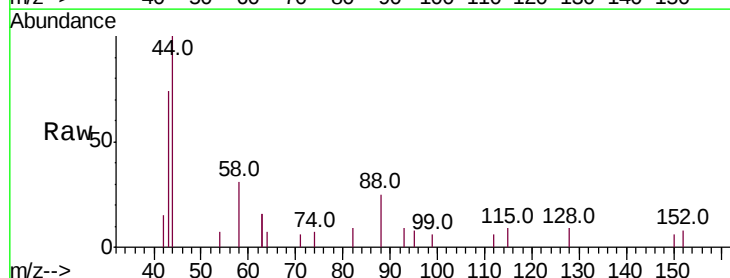
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



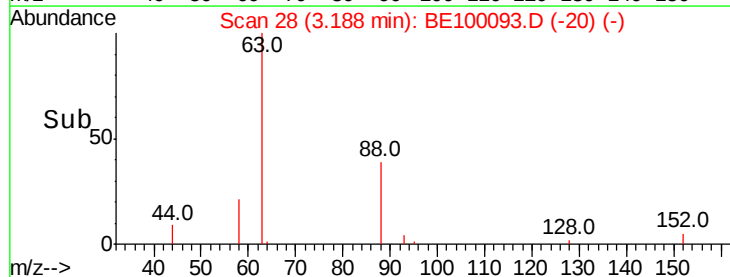
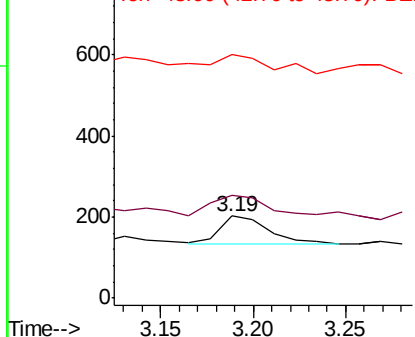
#2

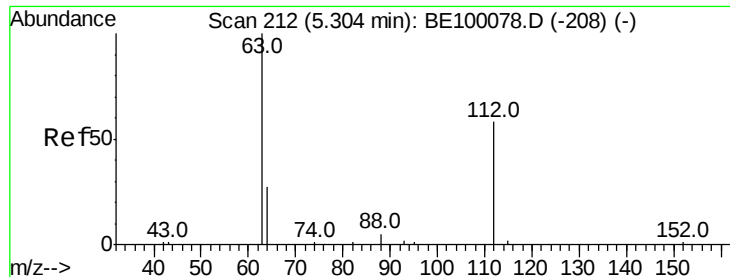
1,4-Dioxane
Concen: 0.115 ng
RT: 3.19 min Scan# 28
Delta R.T. -0.01 min
Lab File: BE100093.D
Acq: 19 Jun 2019 21:40

Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
58 83.3 51.1 76.7#
43 70.8 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





#4

2-Fluorophenol

Concen: 0.207 ng

RT: 5.31 min Scan# 212

Delta R.T. 0.00 min

Lab File: BE100093.D

Acq: 19 Jun 2019 21:40

Instrument :

BNA_E

ClientSampleId :

LF017MW004-190610

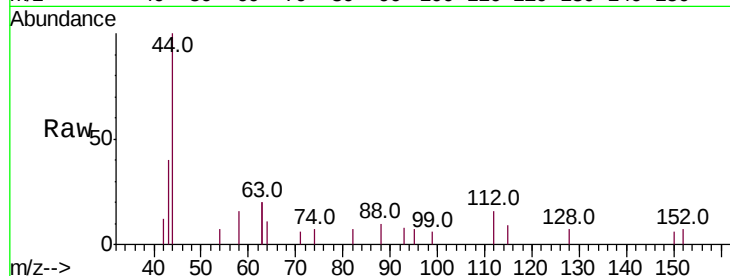
Tot Ion:112 Resp: 278

Ion Ratio Lower Upper

112 100

64 53.6 22.0 33.0#

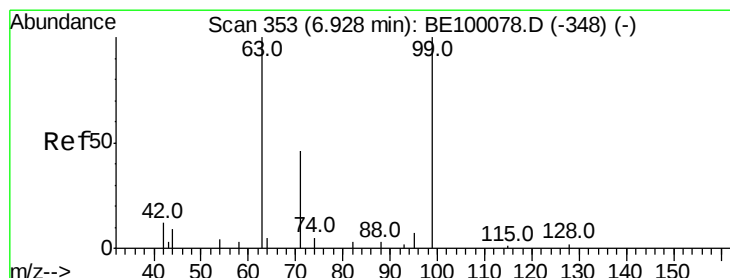
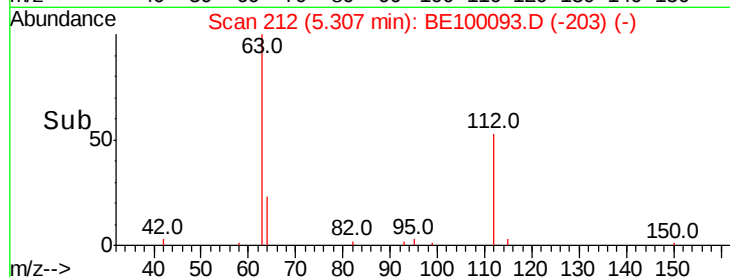
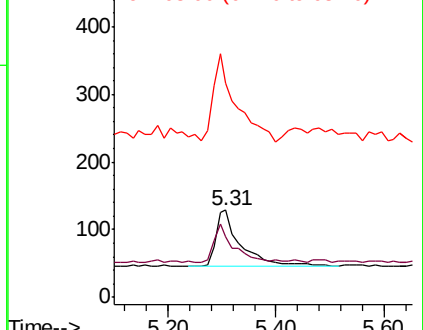
63 136.7 121.8 182.6



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: 0.117 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100093.D

Acq: 19 Jun 2019 21:40

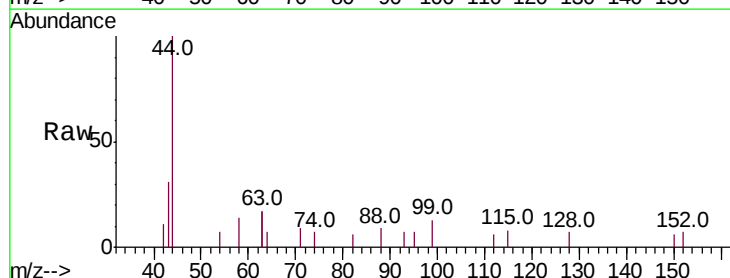
Tgt Ion: 99 Resp: 216

Ion Ratio Lower Upper

99 100

42 13.0 0.0 0.0#

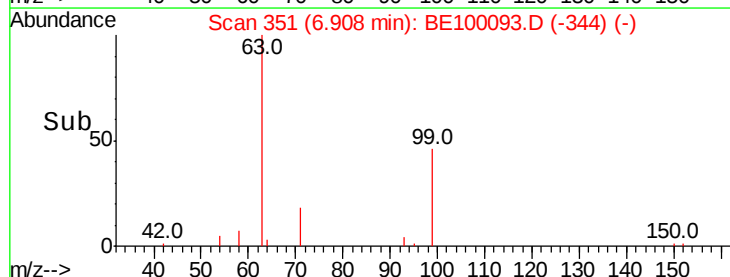
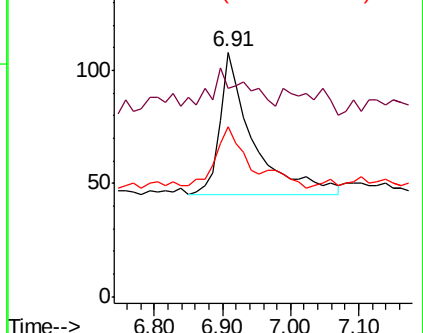
71 33.8 37.6 56.4#

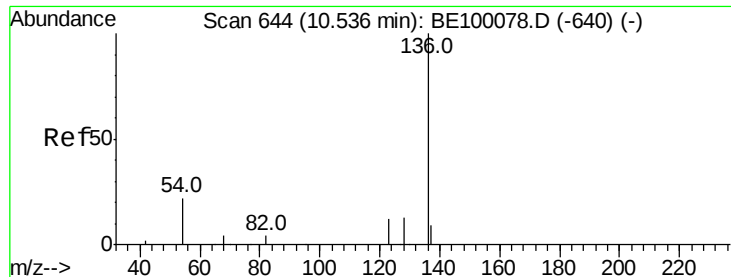


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100093.D

Acq: 19 Jun 2019 21:40

Instrument :

BNA_E

ClientSampleId :

LF017MW004-190610

Tot Ion:136 Resp: 2327

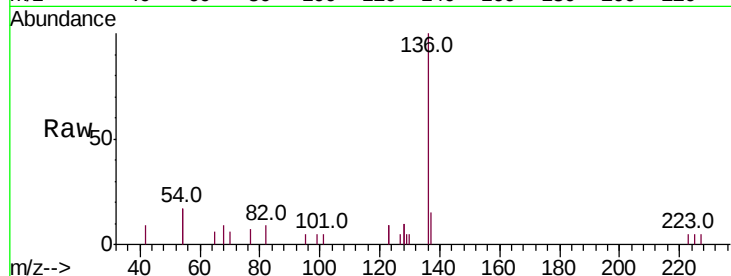
Ion Ratio Lower Upper

136 100

137 14.7 11.6 17.4

54 34.2 33.9 50.9

68 8.6 7.8 11.8

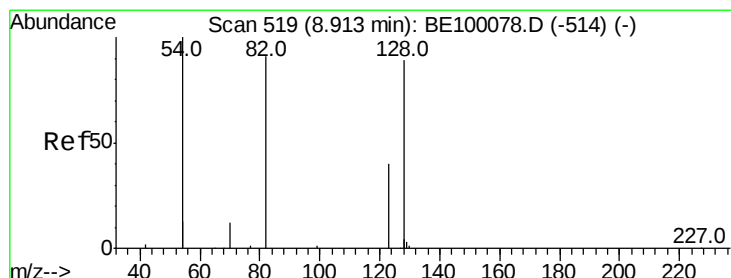
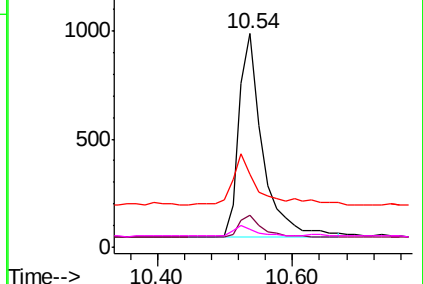
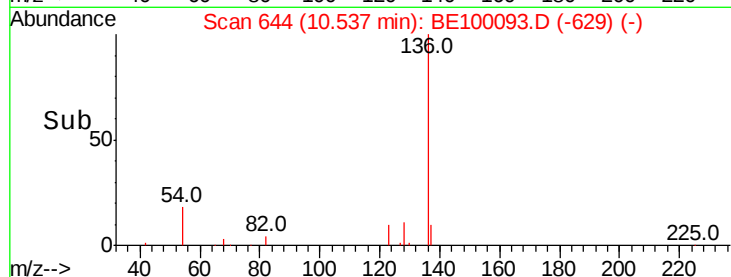


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.395 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100093.D

Acq: 19 Jun 2019 21:40

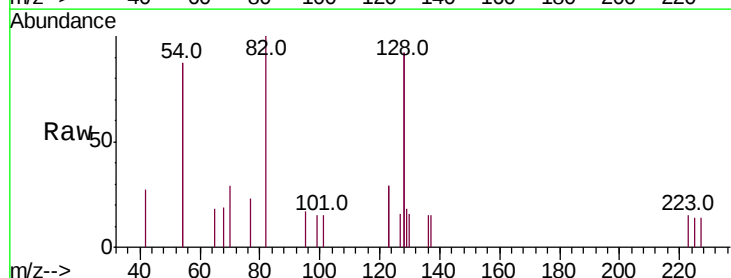
Tgt Ion: 82 Resp: 892

Ion Ratio Lower Upper

82 100

128 184.2 128.0 192.0

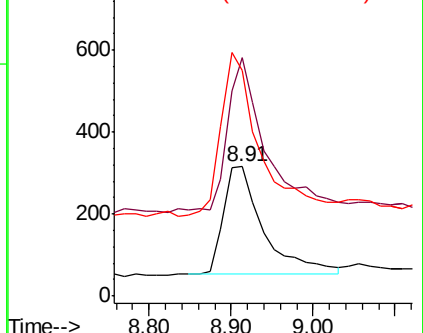
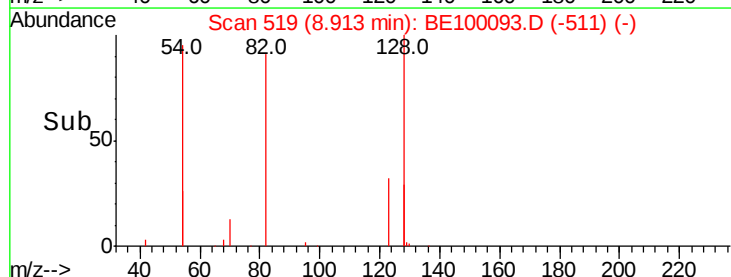
54 174.1 143.4 215.0

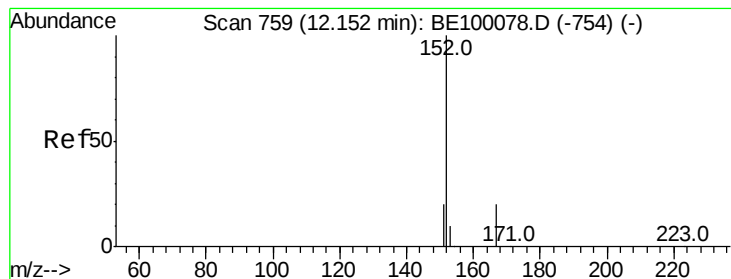


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.318 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100093.D

Acq: 19 Jun 2019 21:40

Instrument :

BNA_E

ClientSampleId :

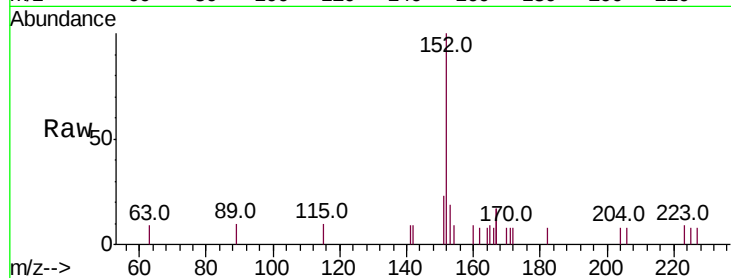
LF017MW004-190610

Tot Ion:152 Resp: 1406

Ion Ratio Lower Upper

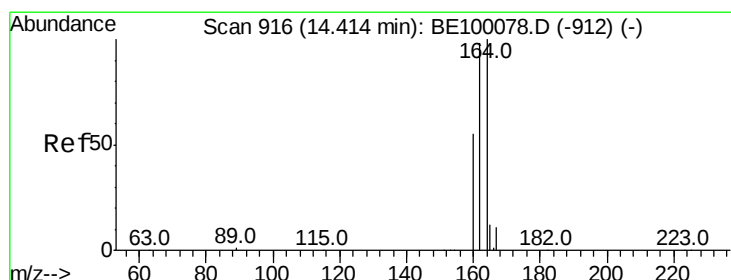
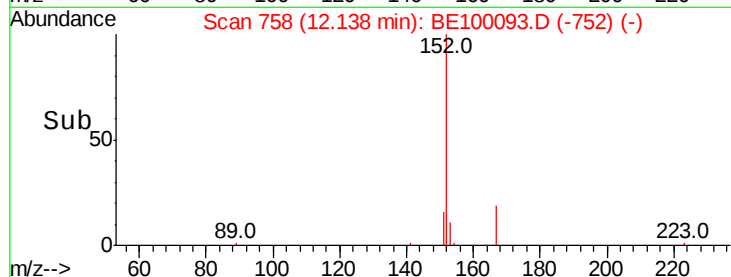
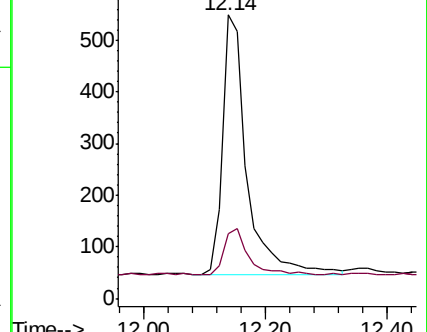
152 100

151 18.1 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: BE100093.D

Acq: 19 Jun 2019 21:40

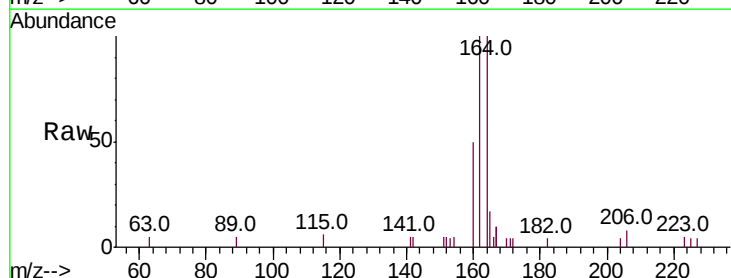
Tgt Ion:164 Resp: 1755

Ion Ratio Lower Upper

164 100

162 100.4 78.2 117.2

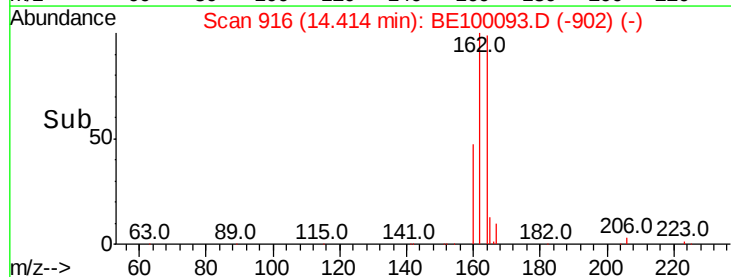
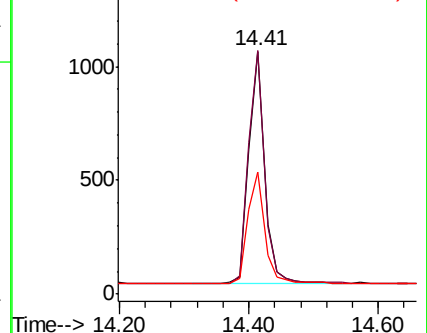
160 50.1 45.6 68.4

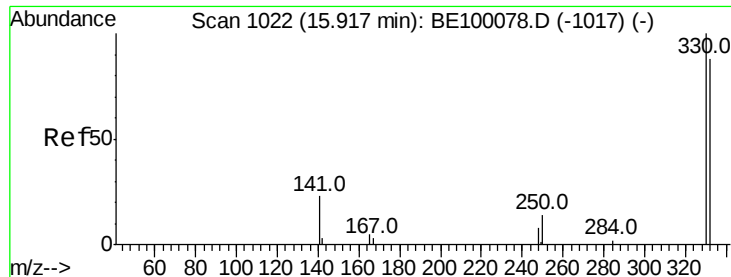


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

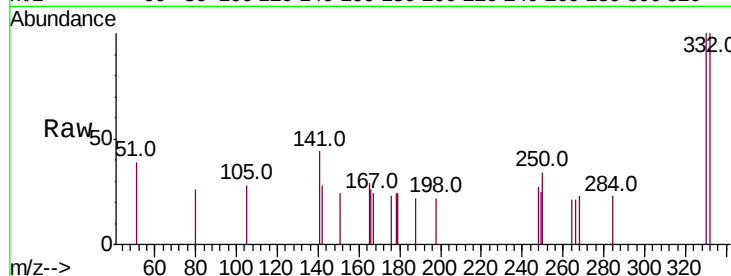




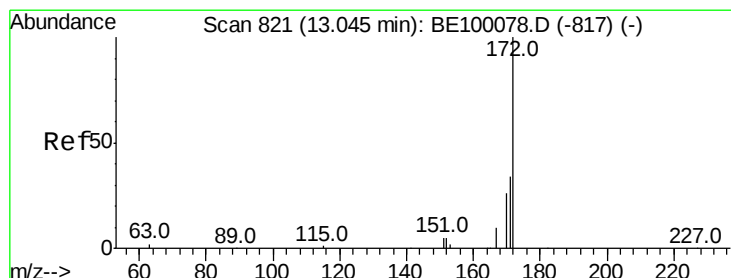
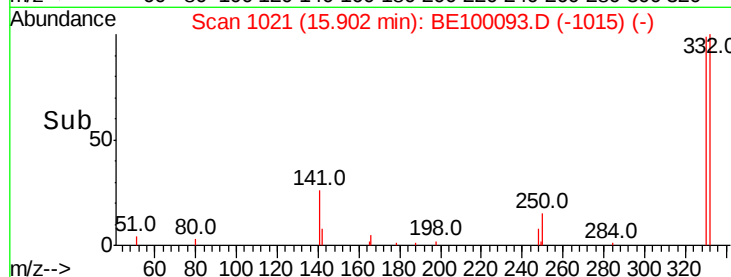
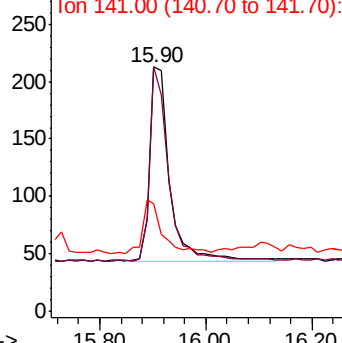
#14
 2,4,6-Tribromophenol
 Concen: 0.458 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100093.D
 Acq: 19 Jun 2019 21:40

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW004-190610

Tot Ion:330 Resp: 444
 Ion Ratio Lower Upper
 330 100
 332 93.2 73.3 109.9
 141 27.0 22.2 33.2

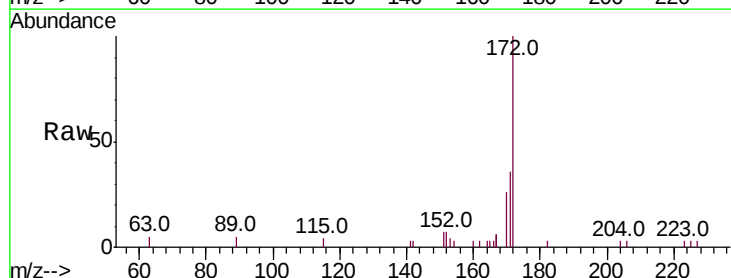


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

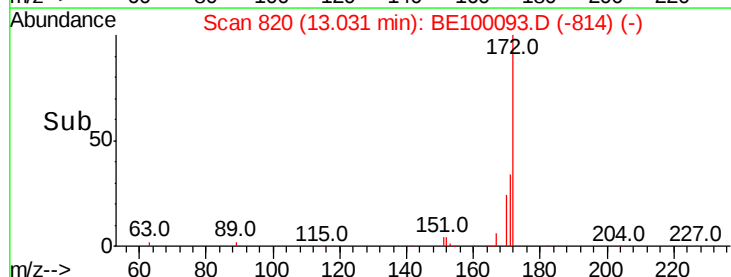
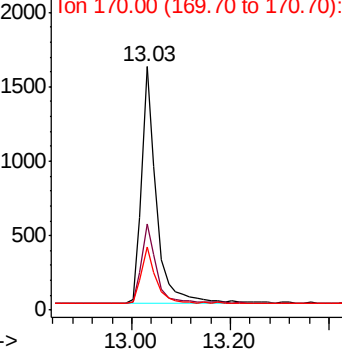


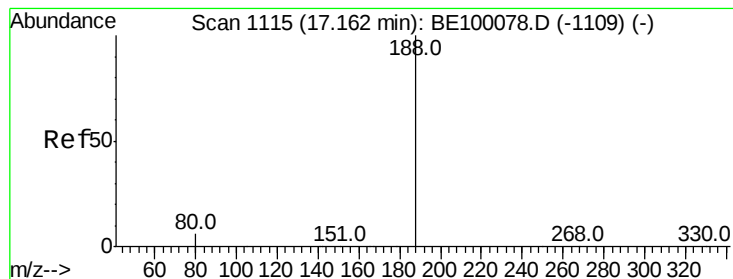
#15
 2-Fluorobiphenyl
 Concen: 0.488 ng
 RT: 13.03 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BE100093.D
 Acq: 19 Jun 2019 21:40

Tgt Ion:172 Resp: 3366
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.8 44.8
 170 26.1 23.2 34.8



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: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100093.D

Acq: 19 Jun 2019 21:40

Instrument :

BNA_E

ClientSampleId :

LF017MW004-190610

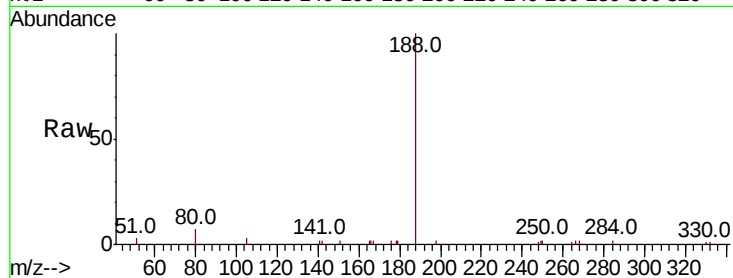
Tot Ion:188 Resp: 5689

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

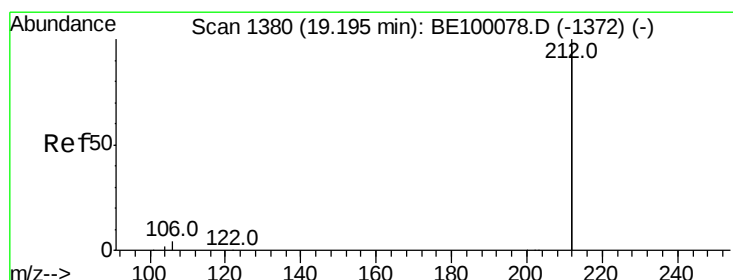
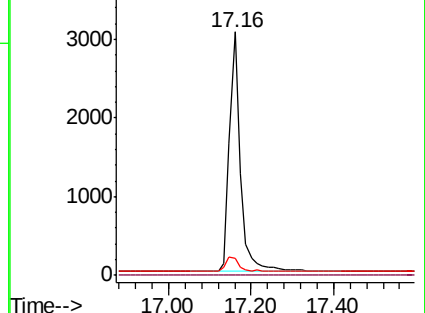
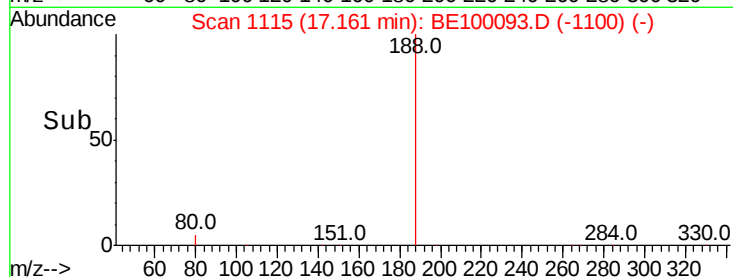
80 7.0 6.3 9.5



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



#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100093.D

Acq: 19 Jun 2019 21:40

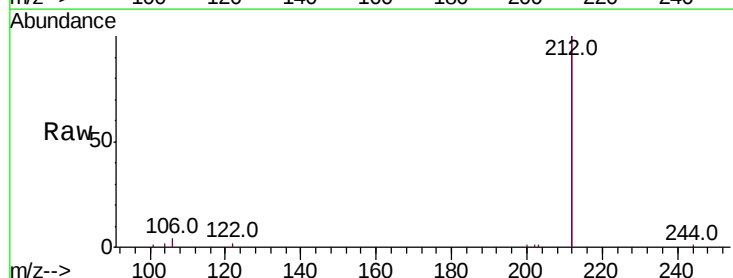
Tgt Ion:212 Resp: 29977

Ion Ratio Lower Upper

212 100

106 2.0 1.4 2.0

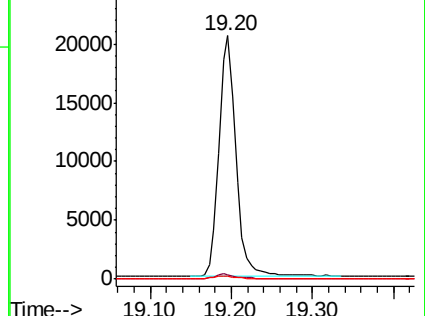
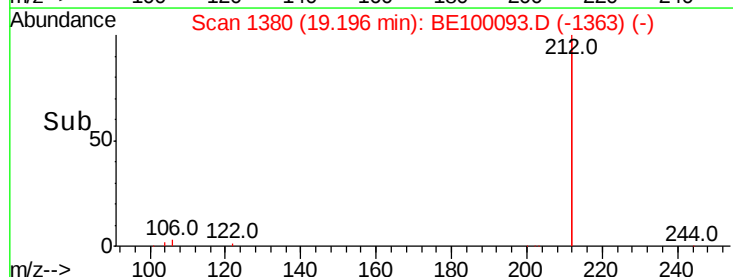
104 1.1 0.8 1.2

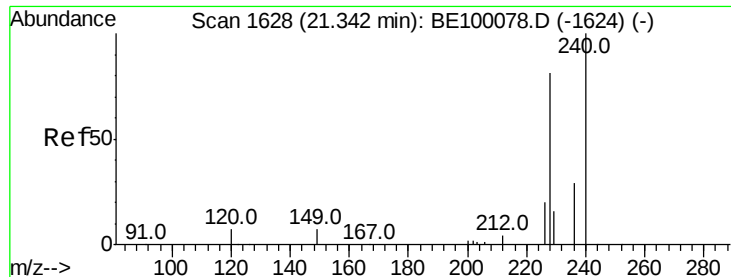


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

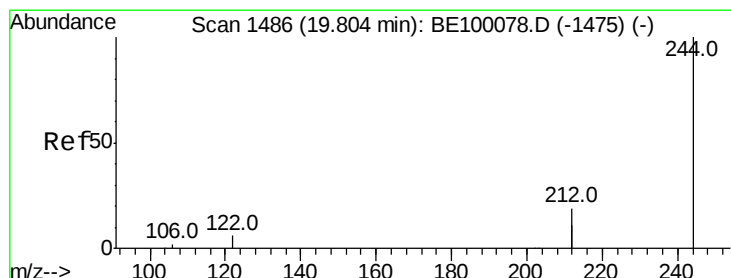
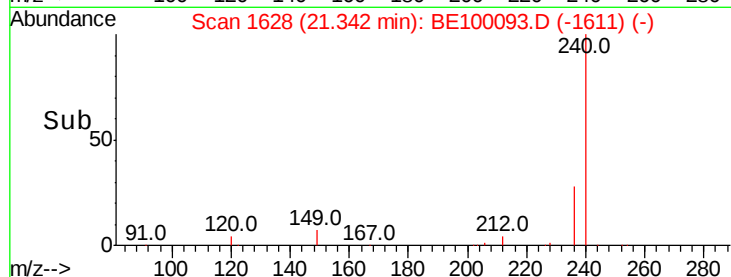
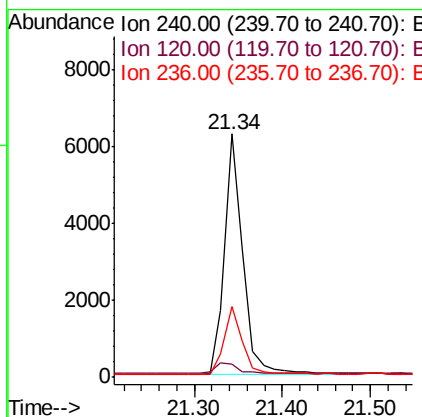
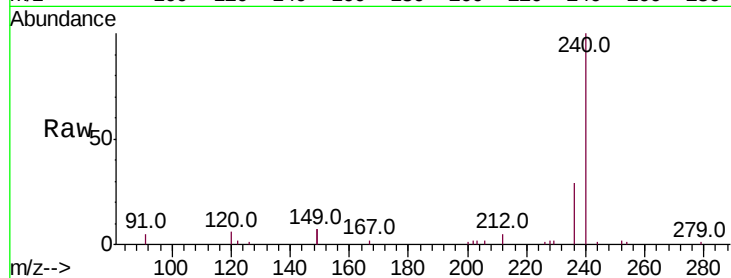




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BE100093.D
 Acq: 19 Jun 2019 21:40

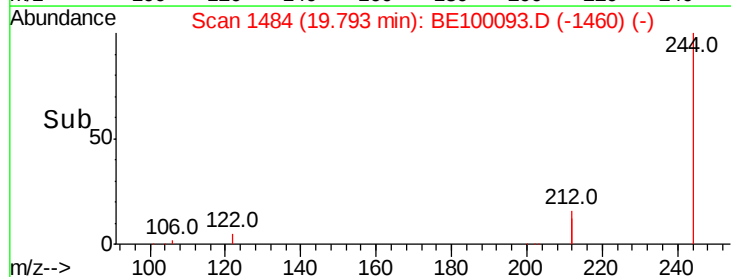
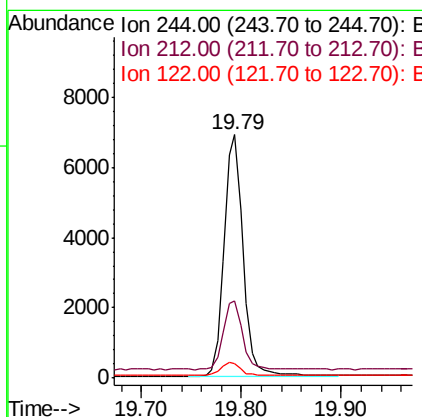
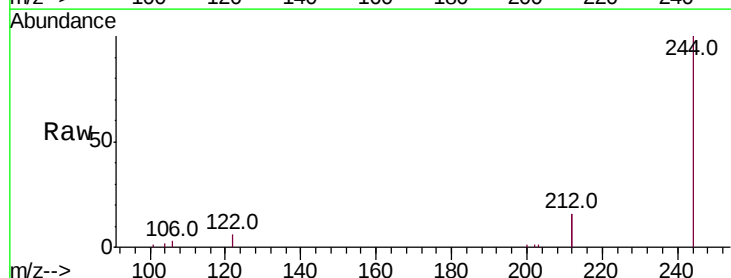
Instrument :
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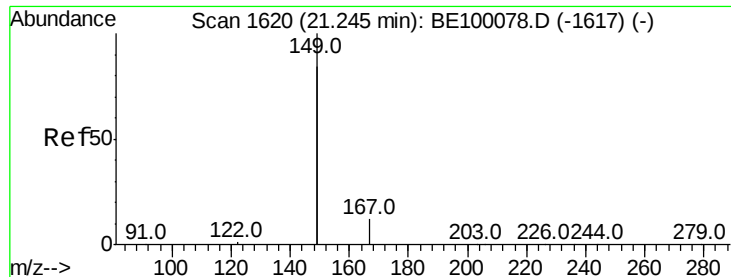
Tot Ion:240 Resp: 9144
 Ion Ratio Lower Upper
 240 100
 120 5.6 6.6 10.0#
 236 28.9 23.8 35.6



#29
 Terphenyl-d14
 Concen: 0.494 ng
 RT: 19.79 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BE100093.D
 Acq: 19 Jun 2019 21:40

Tgt Ion:244 Resp: 9038
 Ion Ratio Lower Upper
 244 100
 212 31.8 29.8 44.8
 122 5.9 6.1 9.1#

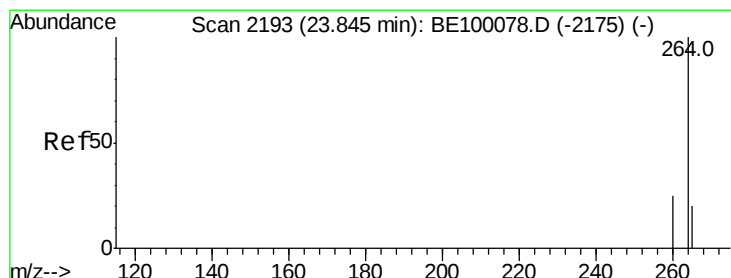
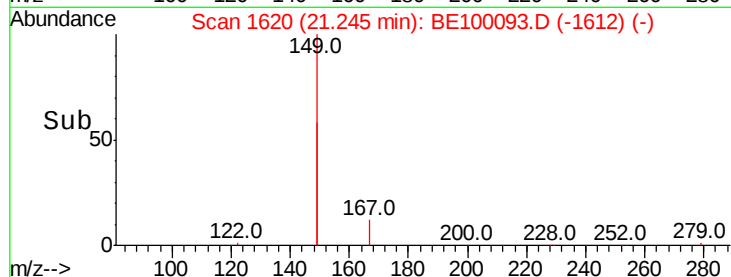
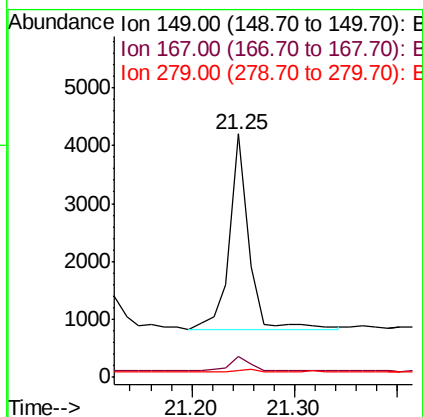
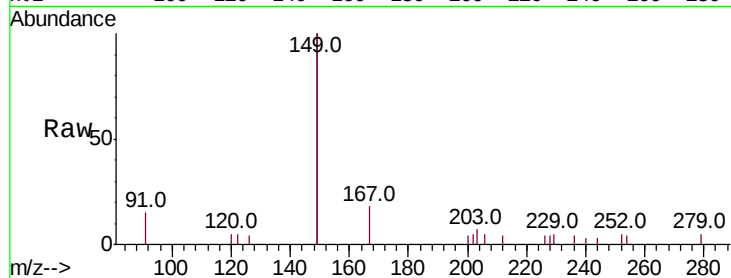




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.170 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100093.D
 Acq: 19 Jun 2019 21:40

Instrument :
 BNA_E
 ClientSampleId :
 LF017MW004-190610

Tot Ion:149 Resp: 4375
 Ion Ratio Lower Upper
 149 100
 167 8.1 5.8 8.6
 279 1.7 1.1 1.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.84 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BE100093.D
 Acq: 19 Jun 2019 21:40

Tgt Ion:264 Resp: 10898
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.8 31.2
 265 29.9 23.2 34.8

