

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100073.D
 Acq On : 17 Jun 2019 22:24
 Operator : JU/SJ
 Sample : K3315-14DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D2-20190610DL

Quant Time: Jun 18 03:58:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 17:23:36 2019
 Response via : Initial Calibration

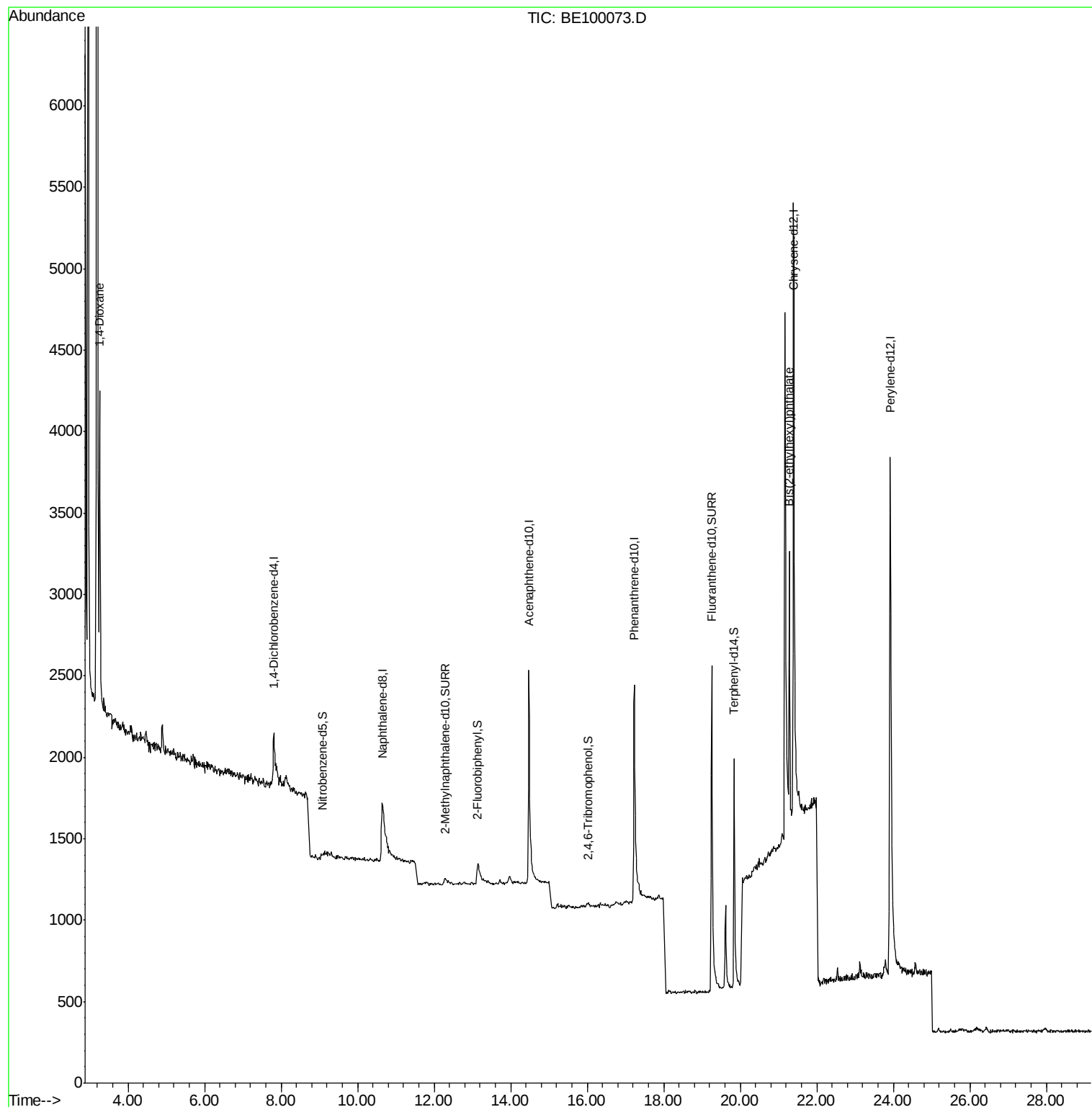
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	393	0.40	ng	0.02
7) Naphthalene-d8	10.64	136	1503	0.40	ng	0.05
13) Acenaphthene-d10	14.47	164	1439	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4490	0.40	ng	0.03
27) Chrysene-d12	21.39	240	6648	0.40	ng	0.00
34) Perylene-d12	23.92	264	7167	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	15	0.01	ng	0.01
5) Phenol-d6	6.98	99	5	0.00	ng	0.01
8) Nitrobenzene-d5	9.08	82	30	0.02	ng	0.12
11) 2-Methylnaphthalene-d10	12.30	152	190	0.07	ng	0.09
14) 2,4,6-Tribromophenol	16.01	330	58	0.07	ng	0.04
15) 2-Fluorobiphenyl	13.13	172	471	0.08	ng	0.04
25) Fluoranthene-d10	19.25	212	4572	0.07	ng	0.01
29) Terphenyl-d14	19.84	244	1925	0.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.26	88	1641	2.393	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.28	149	2070	0.078	ng	# 98

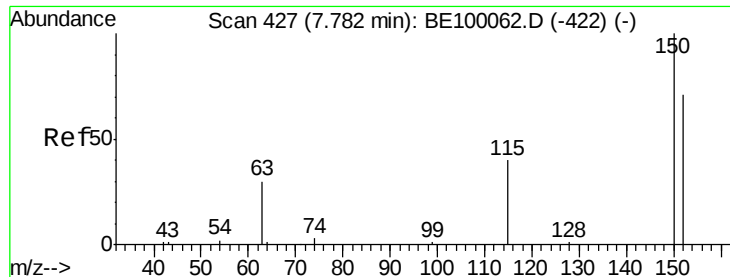
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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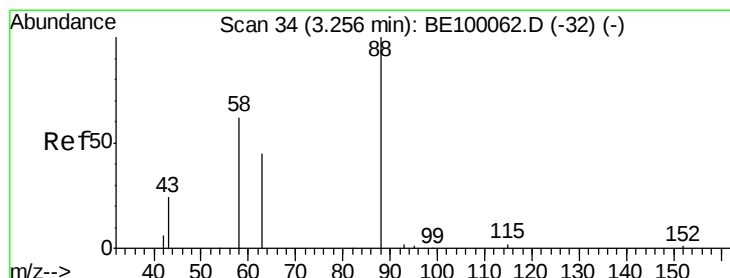
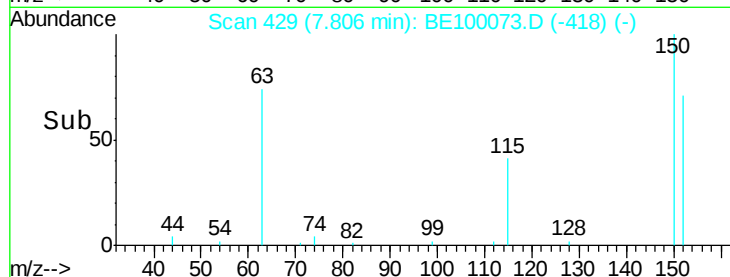
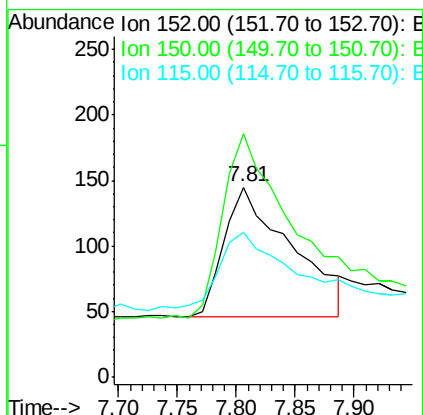
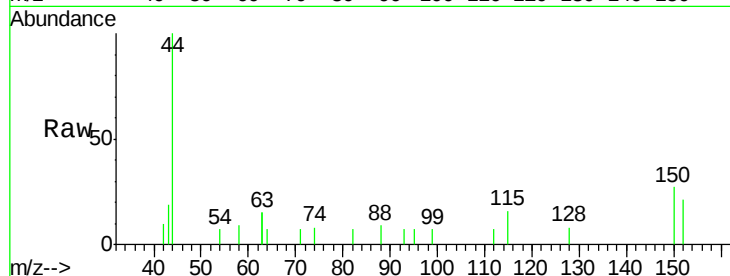


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE100073.D
Acq: 17 Jun 2019 22:24

Instrument :
BNA_E
ClientSampleId :
RE125D2-20190610DL

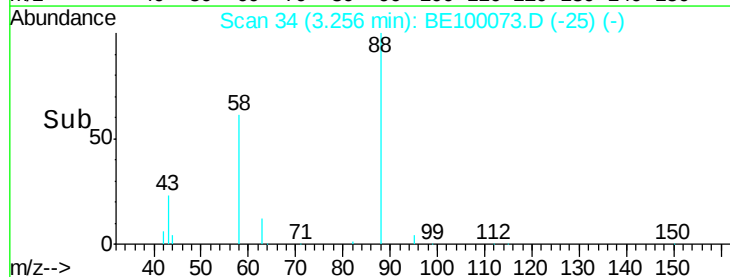
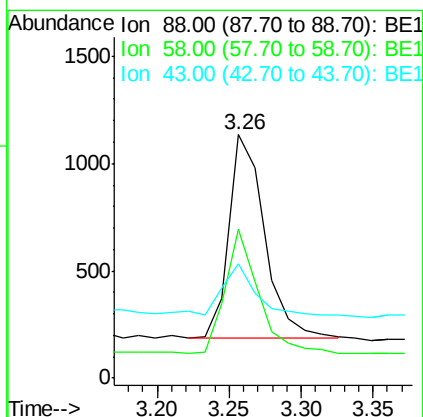
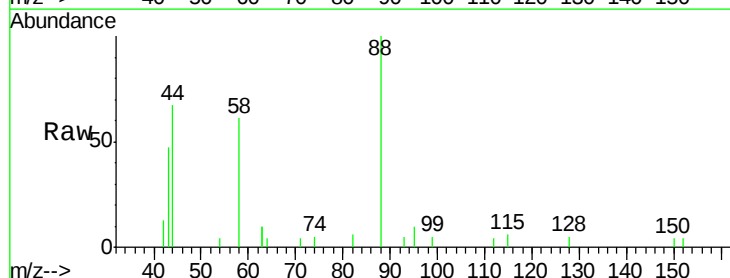
Tot Ion:152 Resp: 393
Ion Ratio Lower Upper
152 100
150 128.3 109.5 164.3
115 75.9 52.6 78.8

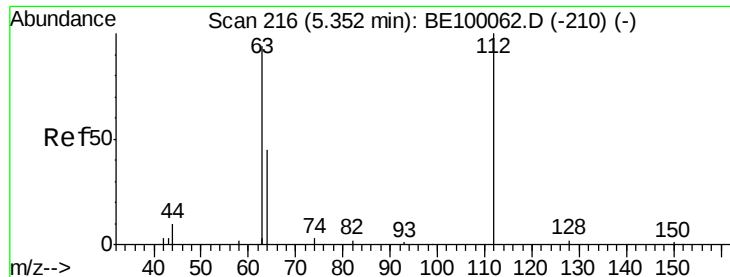


#2

1,4-Dioxane
Concen: 2.393 ng
RT: 3.26 min Scan# 34
Delta R.T. 0.00 min
Lab File: BE100073.D
Acq: 17 Jun 2019 22:24

Tgt Ion: 88 Resp: 1641
Ion Ratio Lower Upper
88 100
58 56.5 41.9 62.9
43 23.8 15.8 23.8#





#4

2-Fluorophenol

Concen: 0.014 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100073.D

Acq: 17 Jun 2019 22:24

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190610DL

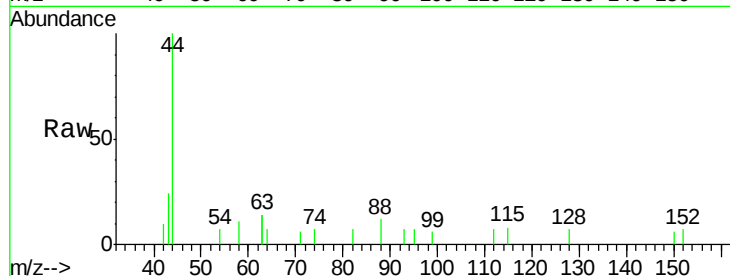
Tot Ion:112 Resp: 15

Ion Ratio Lower Upper

112 100

64 26.7 39.6 59.4#

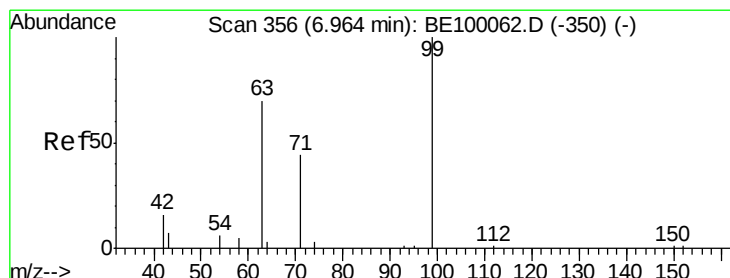
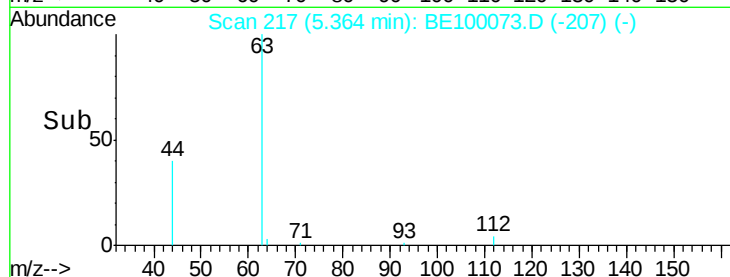
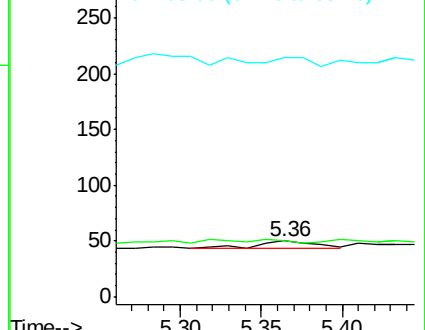
63 73.3 113.0 169.4#



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: 0.004 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100073.D

Acq: 17 Jun 2019 22:24

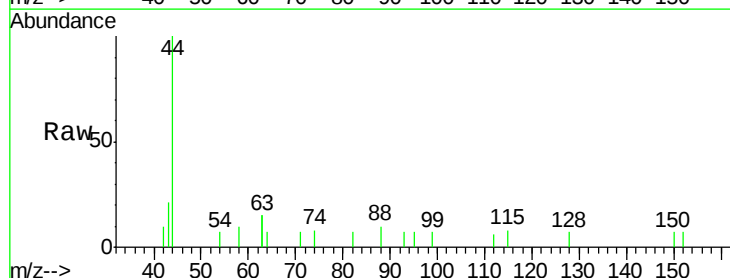
Tgt Ion: 99 Resp: 5

Ion Ratio Lower Upper

99 100

42 0.0 11.4 17.2#

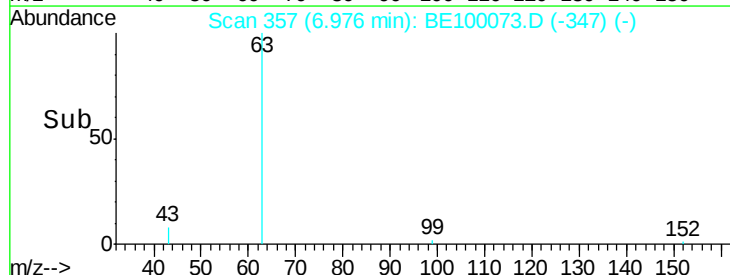
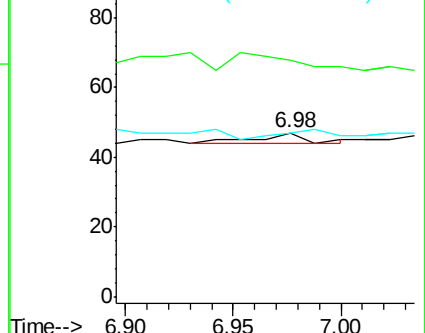
71 120.0 32.8 49.2#

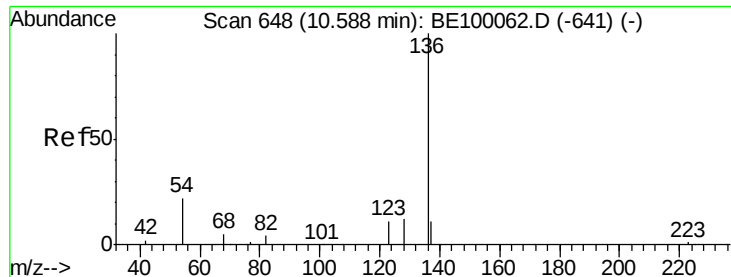


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.64 min Scan# 652

Delta R.T. 0.05 min

Lab File: BE100073.D

Acq: 17 Jun 2019 22:24

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190610DL

Tot Ion:136 Resp: 1503

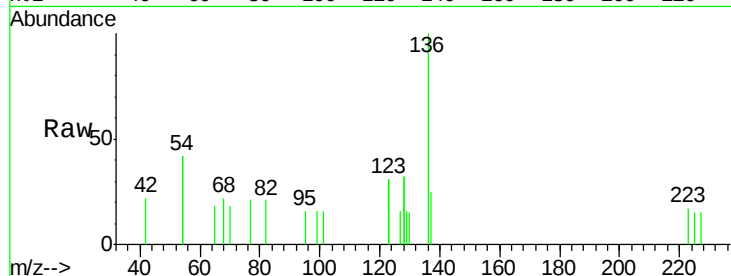
Ion Ratio Lower Upper

136 100

137 24.8 12.6 19.0#

54 83.9 33.0 49.6#

68 22.0 8.6 12.8#

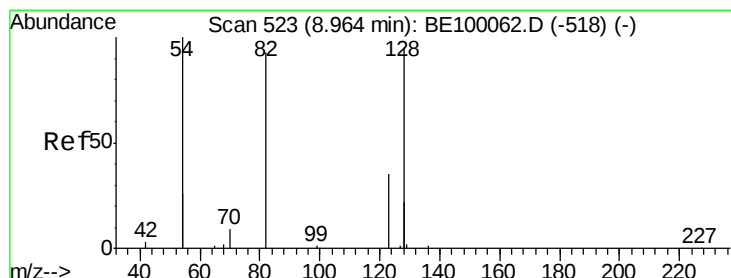
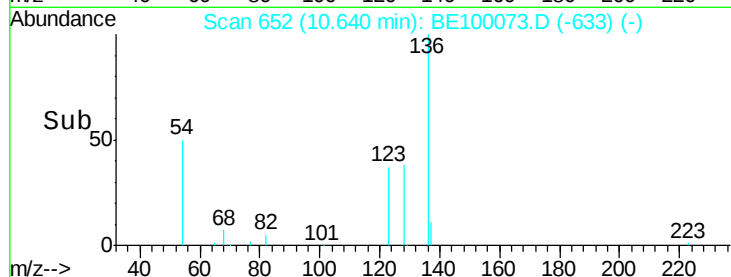
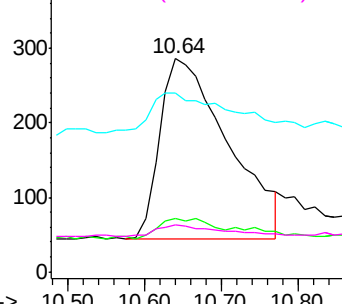


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.020 ng

RT: 9.08 min Scan# 532

Delta R.T. 0.12 min

Lab File: BE100073.D

Acq: 17 Jun 2019 22:24

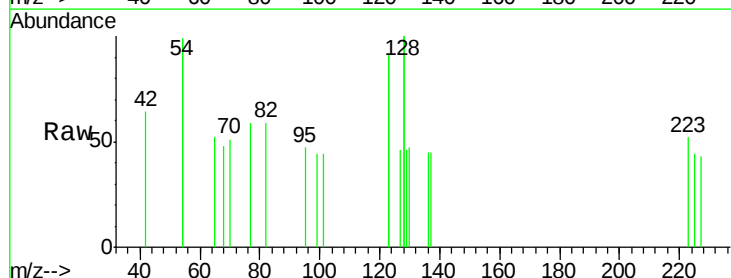
Tgt Ion: 82 Resp: 30

Ion Ratio Lower Upper

82 100

128 341.4 134.6 201.8#

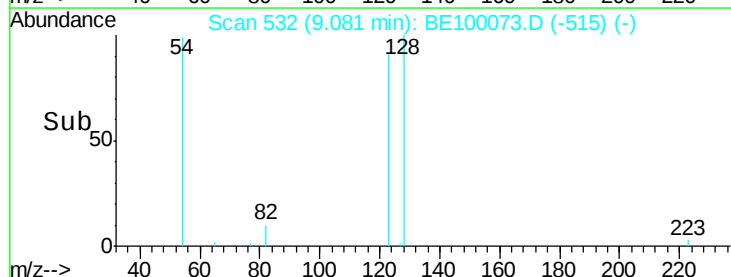
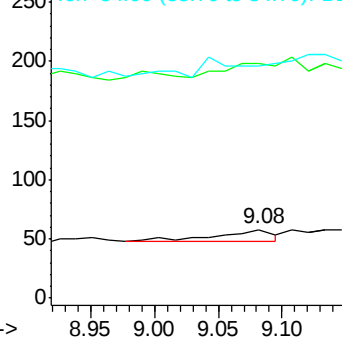
54 337.9 141.6 212.4#

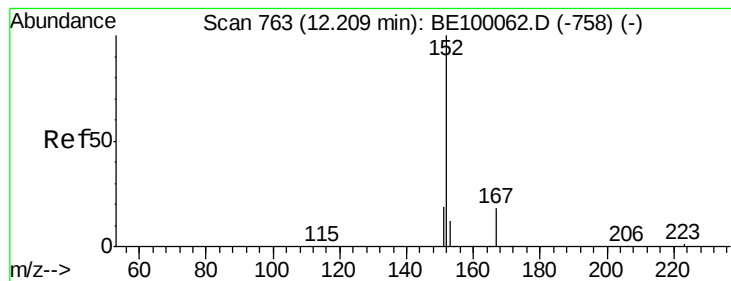


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.070 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.09 min

Lab File: BE100073.D

Acq: 17 Jun 2019 22:24

Instrument :

BNA_E

ClientSampleId :

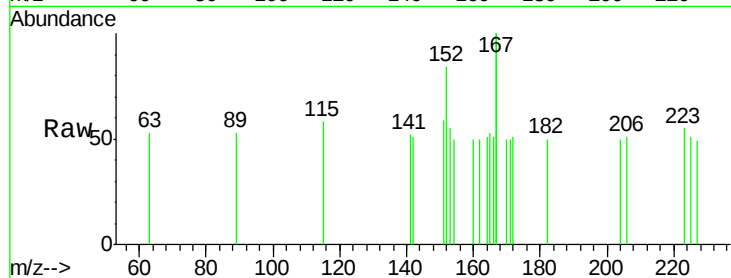
RE125D2-20190610DL

Tot Ion:152 Resp: 190

Ion Ratio Lower Upper

152 100

151 15.3 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30

60

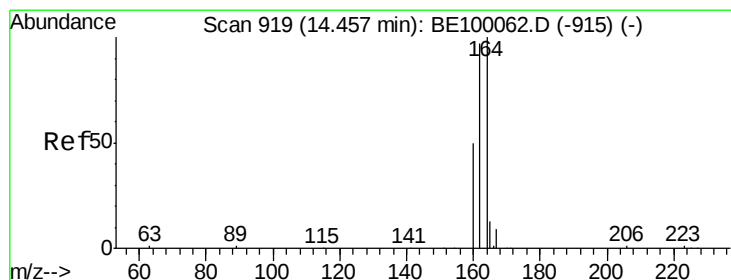
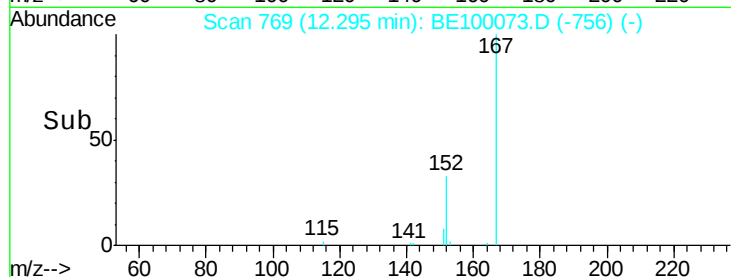
40

20

0

Time-->

12.20 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE100073.D

Acq: 17 Jun 2019 22:24

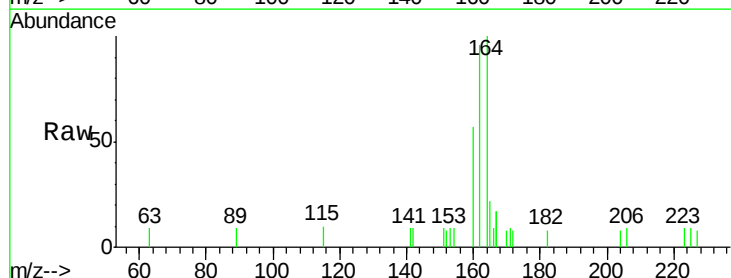
Tgt Ion:164 Resp: 1439

Ion Ratio Lower Upper

164 100

162 95.9 77.6 116.4

160 57.1 41.7 62.5



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

14.47

600

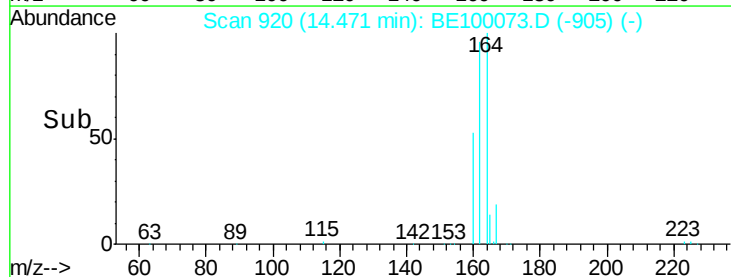
400

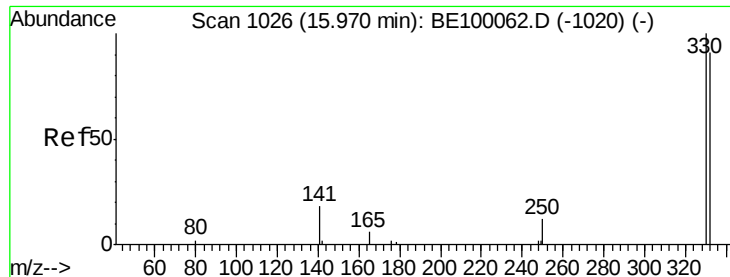
200

0

Time-->

14.40 14.60

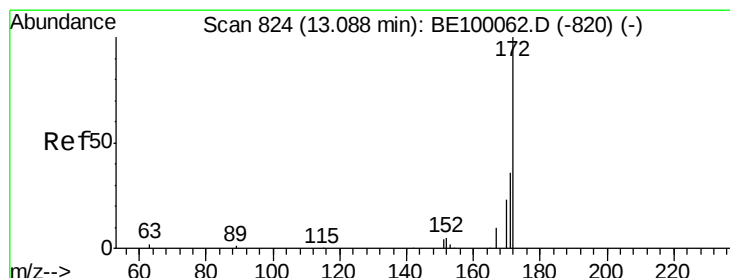
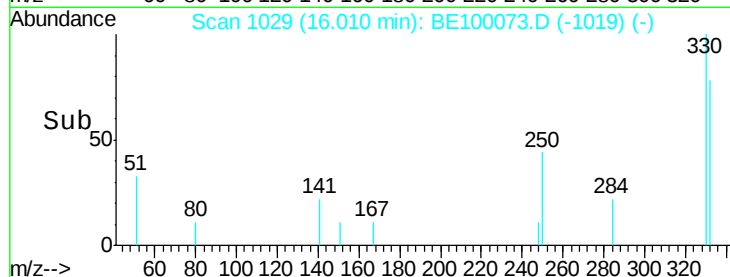
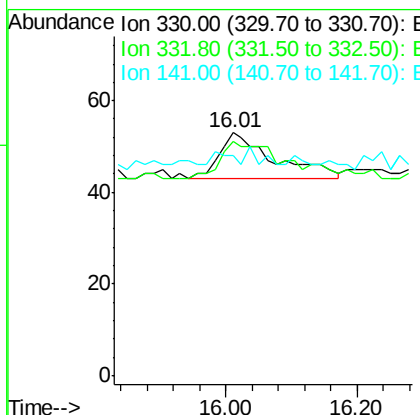
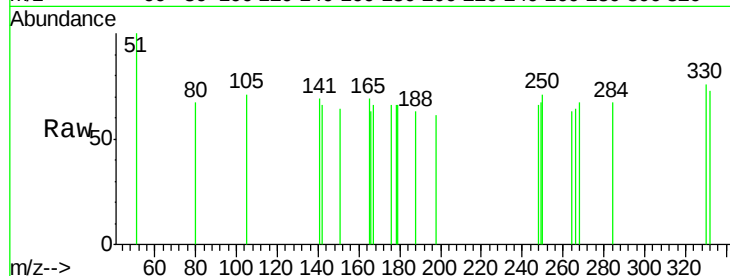




#14
 2,4,6-Tribromophenol
 Concen: 0.066 ng
 RT: 16.01 min Scan# 1029
 Delta R.T. 0.04 min
 Lab File: BE100073.D
 Acq: 17 Jun 2019 22:24

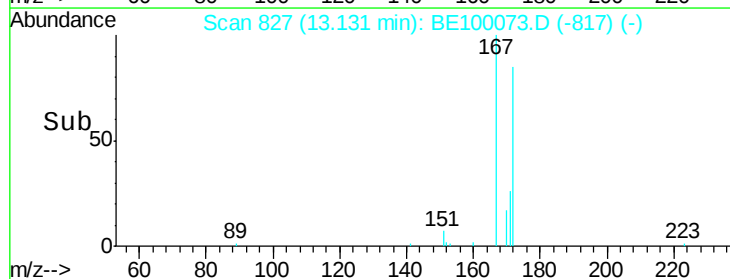
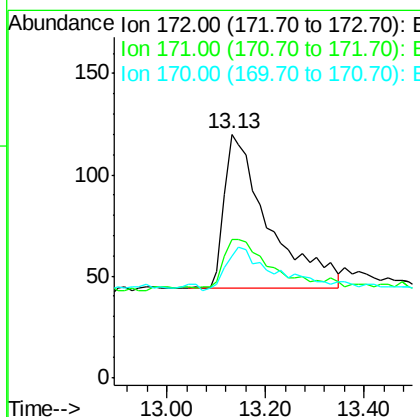
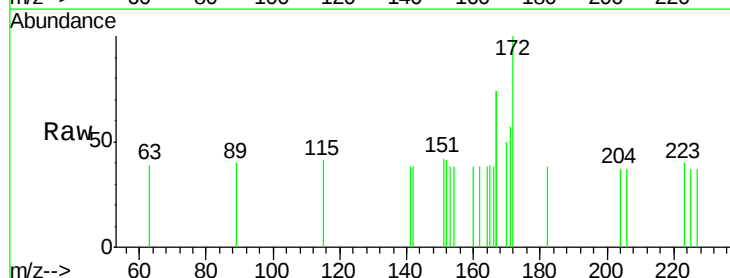
Instrument :
 BNA_E
 ClientSampleId :
 RE125D2-20190610DL

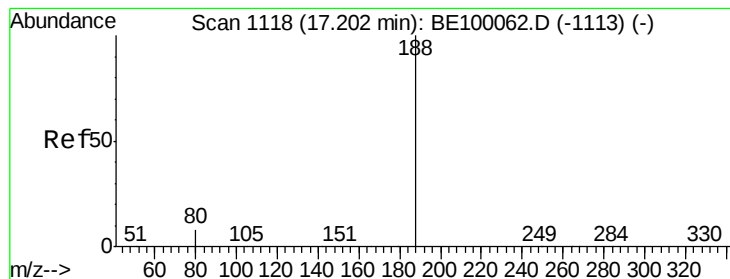
Tot Ion:330 Resp: 58
 Ion Ratio Lower Upper
 330 100
 332 101.7 74.7 112.1
 141 0.0 20.3 30.5#



#15
 2-Fluorobiphenyl
 Concen: 0.084 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.04 min
 Lab File: BE100073.D
 Acq: 17 Jun 2019 22:24

Tgt Ion:172 Resp: 471
 Ion Ratio Lower Upper
 172 100
 171 56.7 31.0 46.6#
 170 50.0 21.3 31.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.03 min

Lab File: BE100073.D

Acq: 17 Jun 2019 22:24

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190610DL

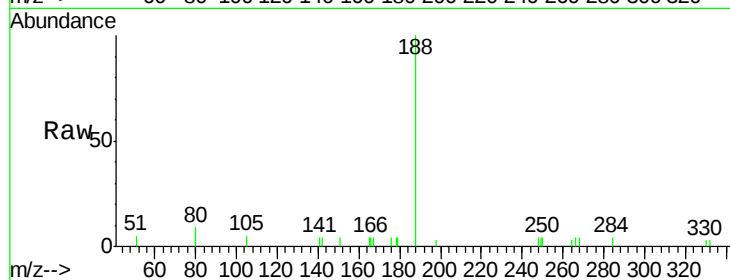
Tot Ion:188 Resp: 4490

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

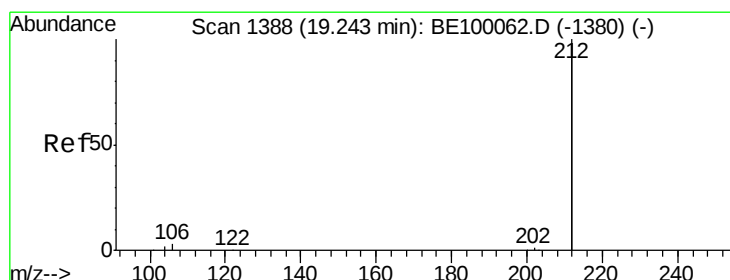
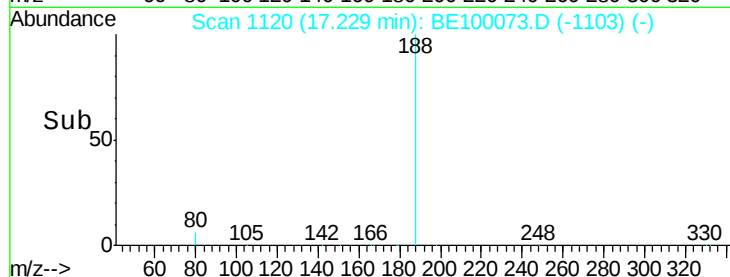
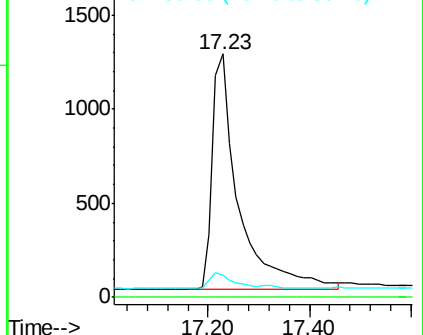
80 9.3 8.2 12.4



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: 0.072 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BE100073.D

Acq: 17 Jun 2019 22:24

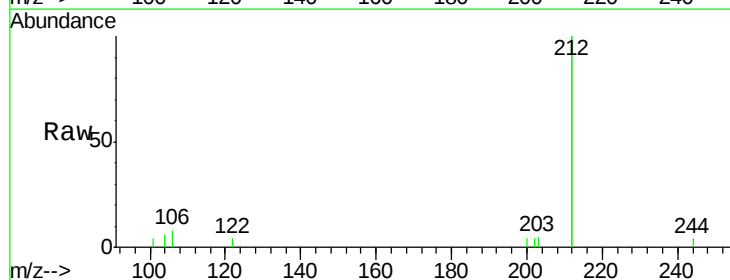
Tgt Ion:212 Resp: 4572

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

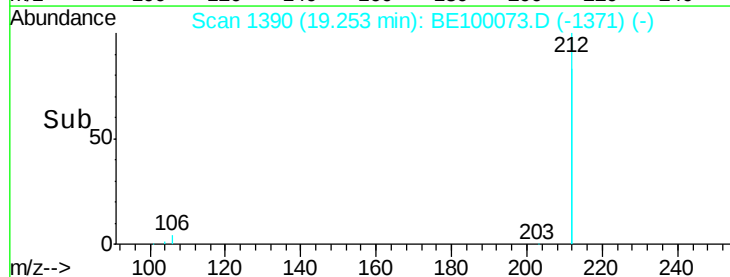
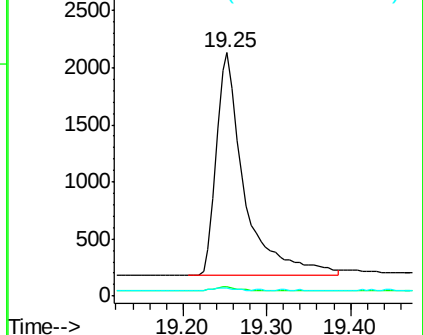
104 0.8 0.9 1.3#

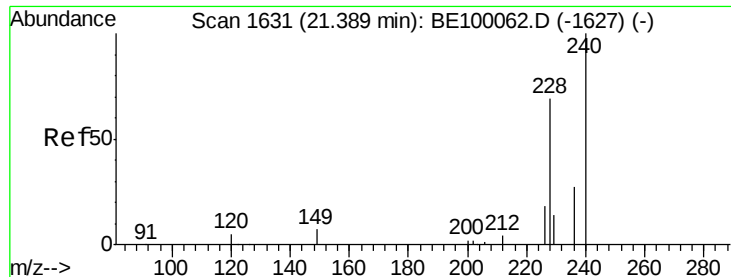


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100073.D

Acq: 17 Jun 2019 22:24

Instrument :

BNA_E

ClientSampleId :

RE125D2-20190610DL

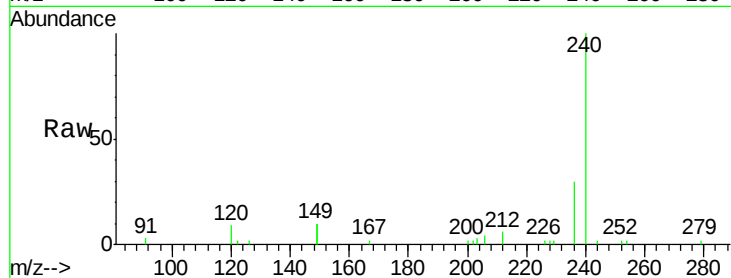
Tot Ion:240 Resp: 6648

Ion Ratio Lower Upper

240 100

120 8.6 5.4 8.0#

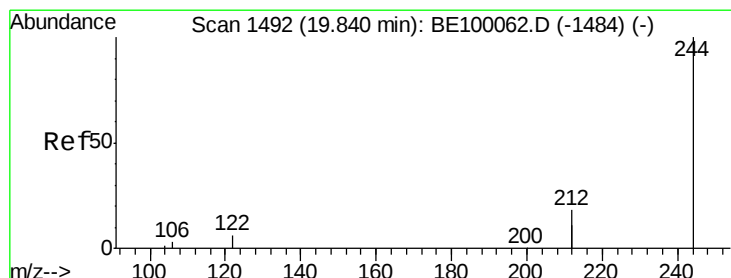
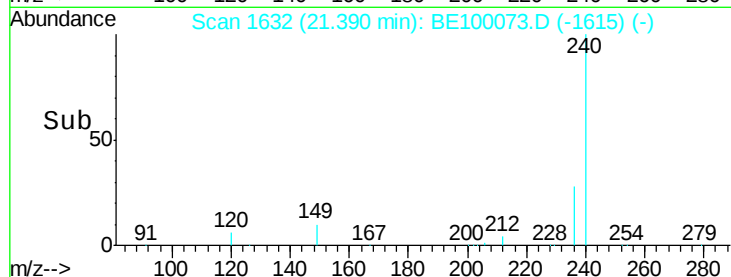
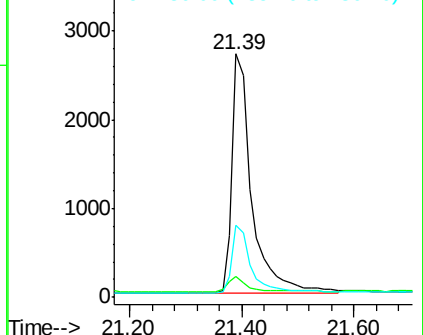
236 29.6 22.6 33.8



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: 0.172 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE100073.D

Acq: 17 Jun 2019 22:24

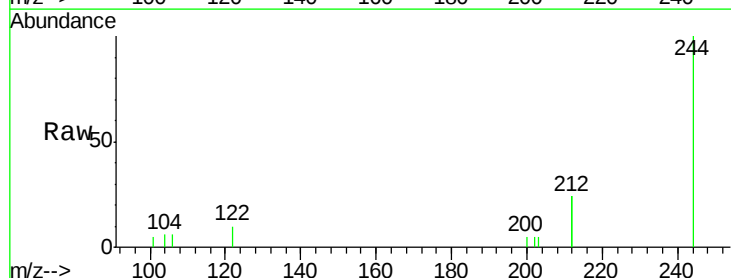
Tgt Ion:244 Resp: 1925

Ion Ratio Lower Upper

244 100

212 47.8 27.9 41.9#

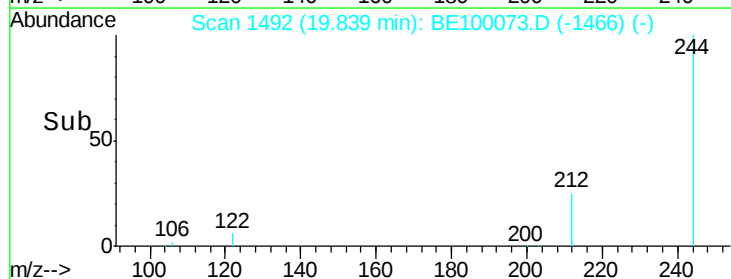
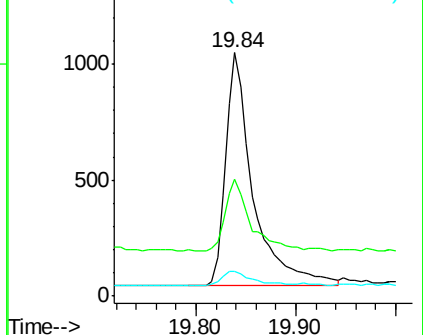
122 10.3 5.8 8.6#

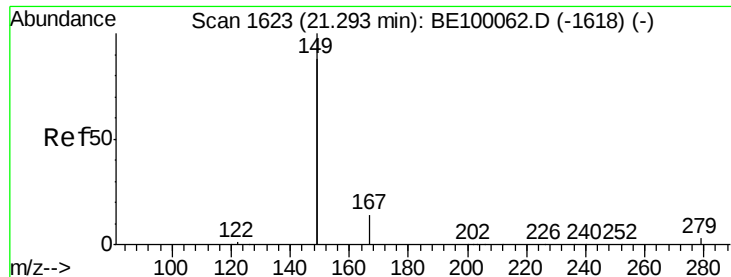


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

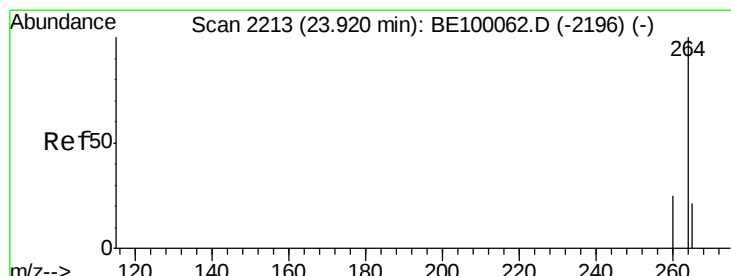
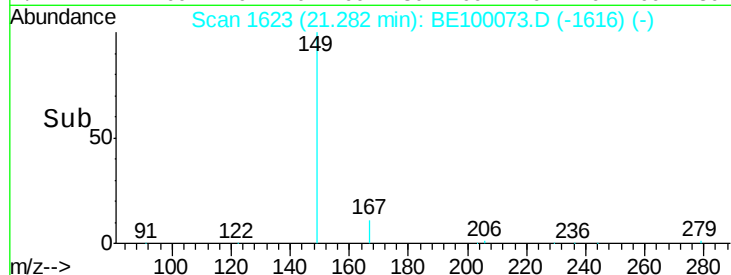
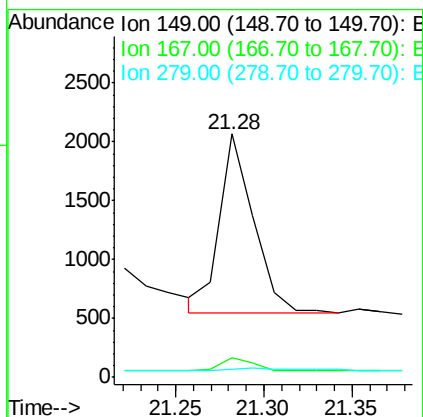
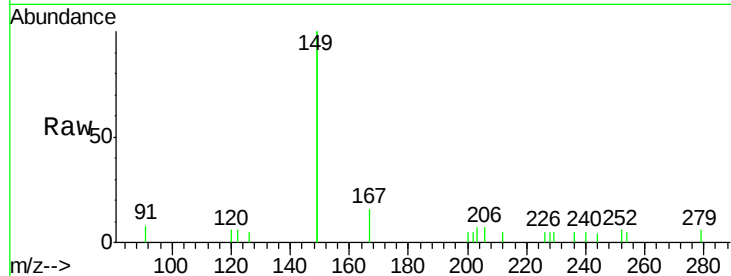




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.078 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE100073.D
 Acq: 17 Jun 2019 22:24

Instrument :
 BNA_E
 ClientSampleId :
 RE125D2-20190610DL

Tot Ion:149 Resp: 2070
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.9 8.9
 279 3.4 1.0 1.6#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BE100073.D
 Acq: 17 Jun 2019 22:24

Tgt Ion:264 Resp: 7167
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.6 31.0
 265 34.1 23.6 35.4

