

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100071.D
 Acq On : 17 Jun 2019 21:12
 Operator : JU/SJ
 Sample : K3315-13DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20190610DL

Quant Time: Jun 18 03:54:37 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

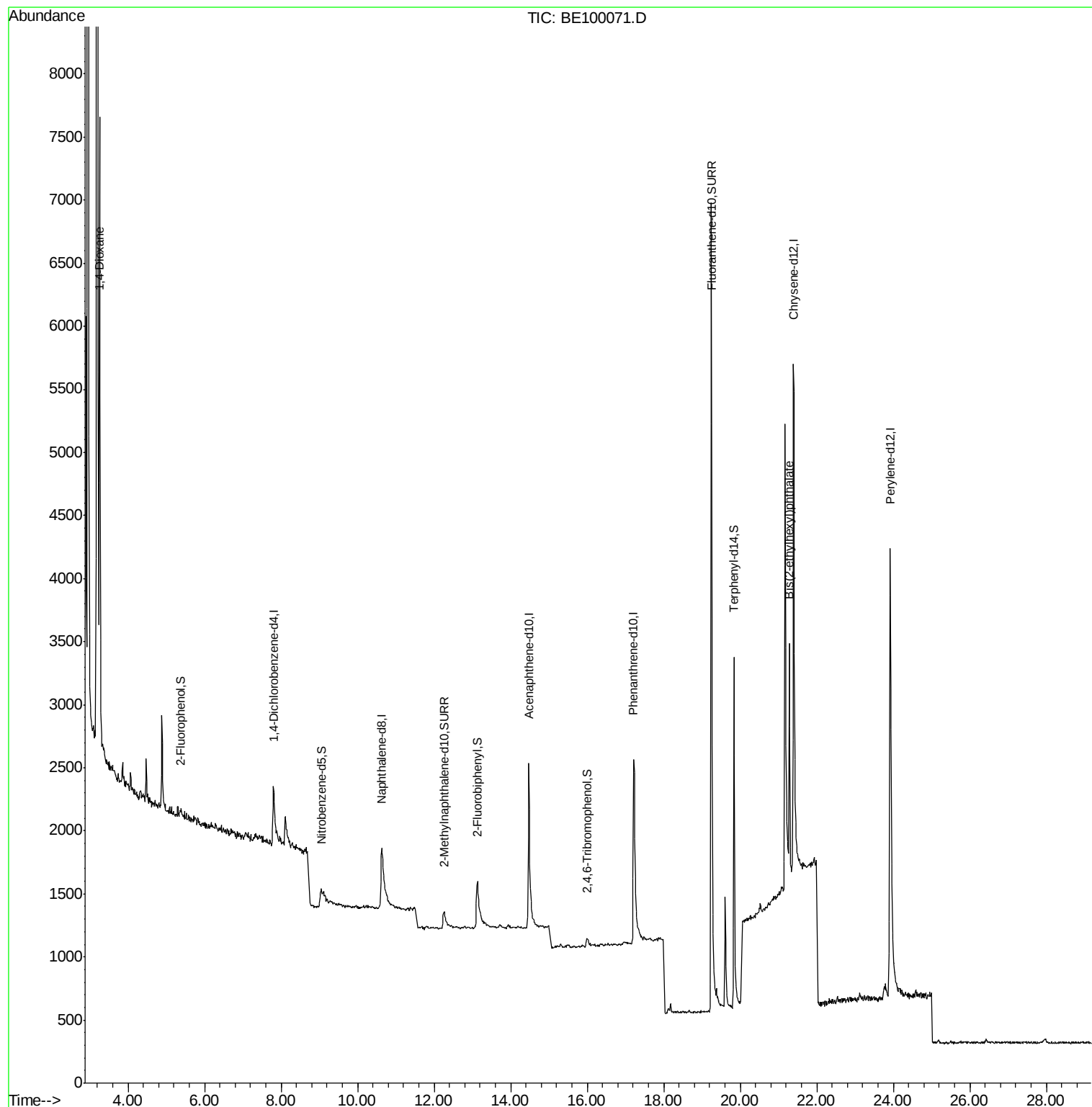
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	519	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	1758	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	1487	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	4732	0.40	ng	0.01
27) Chrysene-d12	21.39	240	7170	0.40	ng	0.00
34) Perylene-d12	23.92	264	7910	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	73	0.05	ng	0.01
5) Phenol-d6	6.93	99	6	0.00	ng	-0.03
8) Nitrobenzene-d5	9.06	82	214	0.12	ng	0.09
11) 2-Methylnaphthalene-d10	12.25	152	588	0.19	ng	0.04
14) 2,4,6-Tribromophenol	16.00	330	132	0.15	ng	0.03
15) 2-Fluorobiphenyl	13.13	172	1196	0.21	ng	0.04
25) Fluoranthene-d10	19.24	212	12968	0.19	ng	0.00
29) Terphenyl-d14	19.84	244	3499	0.29	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.26	88	3825	4.224	ng	# 93
32) Bis(2-ethylhexyl)phthalate	21.28	149	2664	0.093	ng	# 97

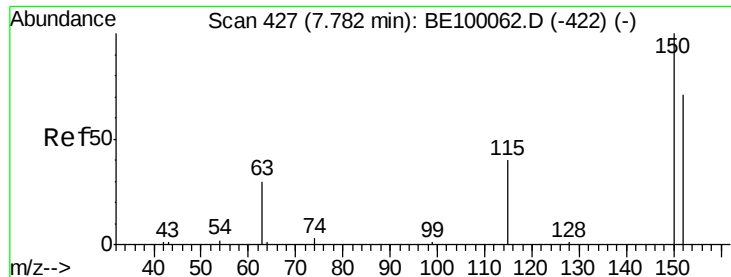
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.79 min Scan# 428

Delta R.T. 0.01 min

Lab File: BE100071.D

Acq: 17 Jun 2019 21:12

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190610DL

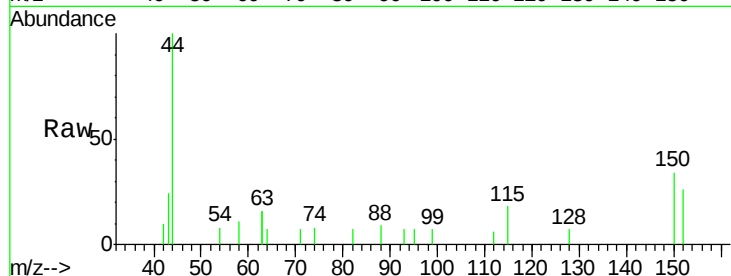
Tot Ion:152 Resp: 519

Ion Ratio Lower Upper

152 100

150 131.3 109.5 164.3

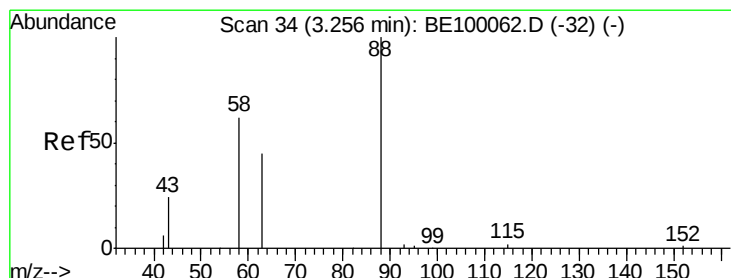
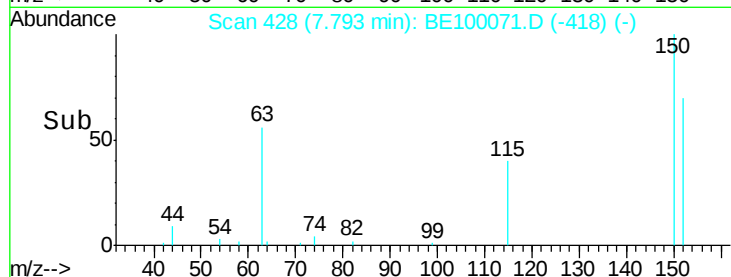
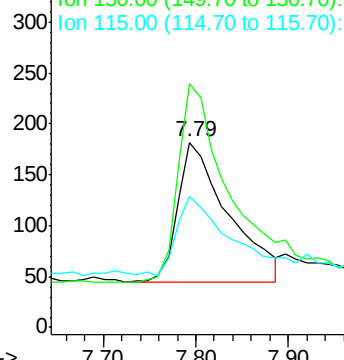
115 70.9 52.6 78.8



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: 4.224 ng

RT: 3.26 min Scan# 34

Delta R.T. -0.00 min

Lab File: BE100071.D

Acq: 17 Jun 2019 21:12

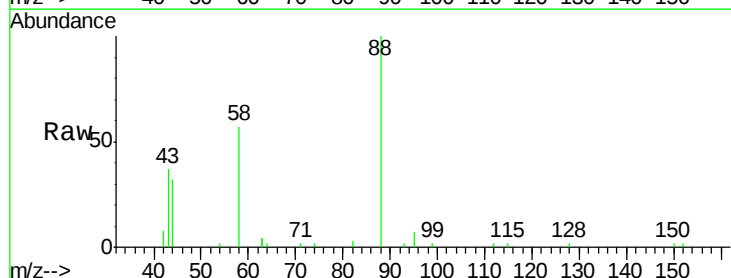
Tgt Ion: 88 Resp: 3825

Ion Ratio Lower Upper

88 100

58 56.2 41.9 62.9

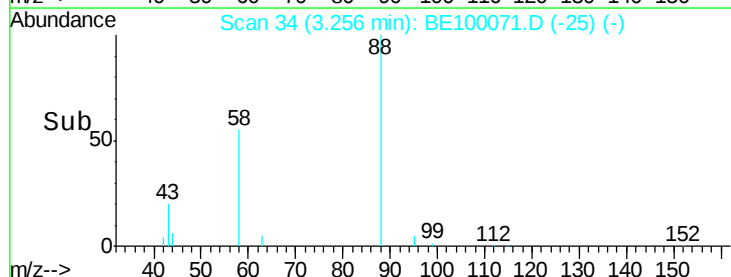
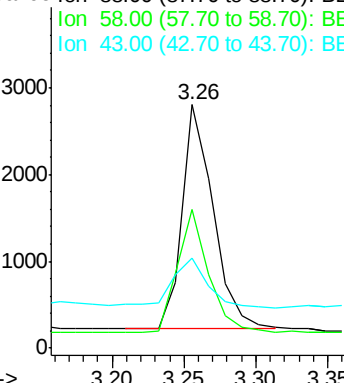
43 24.6 15.8 23.8#

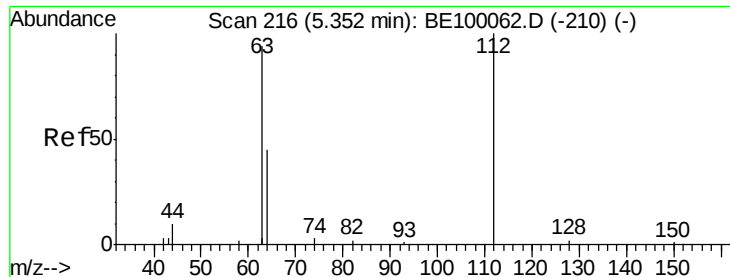


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.052 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100071.D

Acq: 17 Jun 2019 21:12

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190610DL

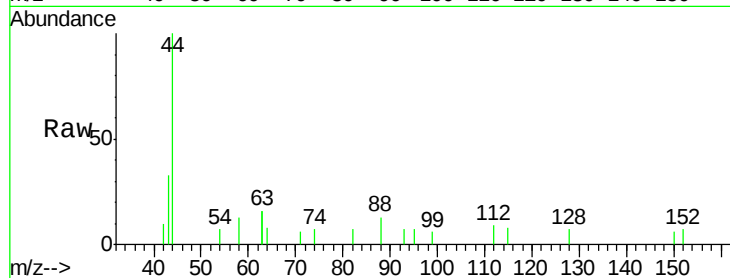
Tot Ion:112 Resp: 73

Ion Ratio Lower Upper

112 100

64 69.9 39.6 59.4#

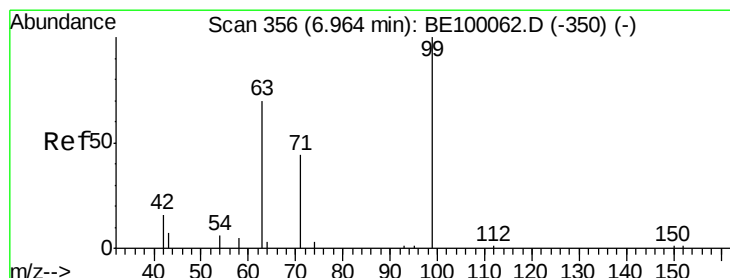
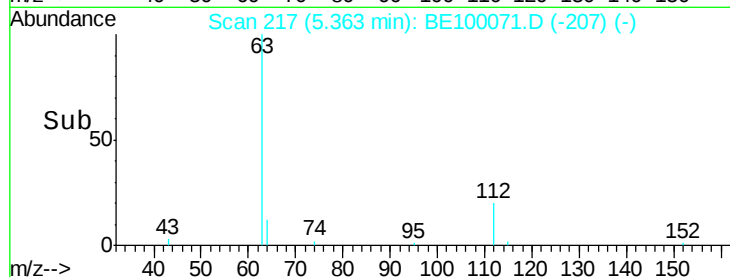
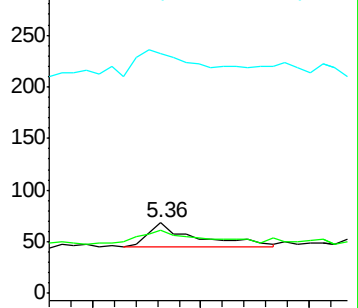
63 116.4 113.0 169.4



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: 6.93 min Scan# 353

Delta R.T. -0.03 min

Lab File: BE100071.D

Acq: 17 Jun 2019 21:12

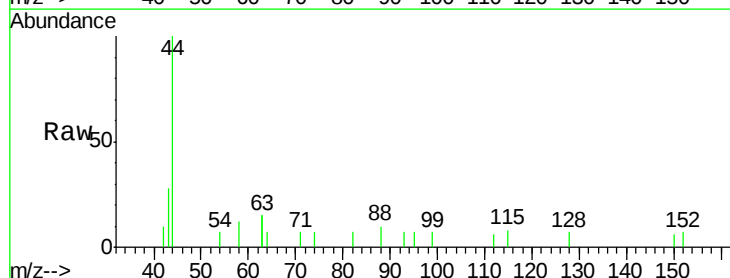
Tgt Ion: 99 Resp: 6

Ion Ratio Lower Upper

99 100

42 100.0 11.4 17.2#

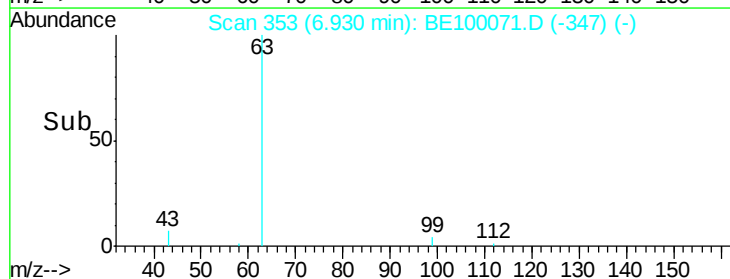
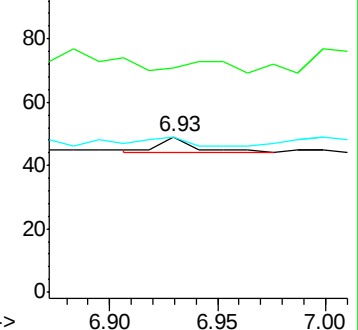
71 50.0 32.8 49.2#

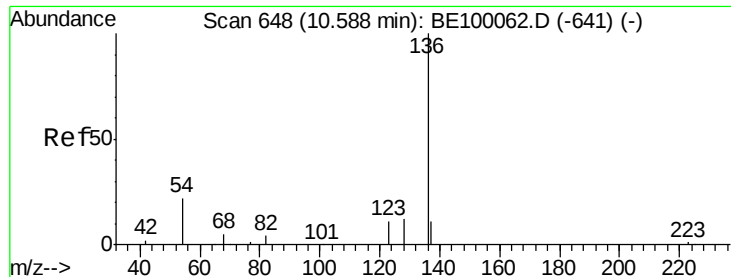


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE100071.D

Acq: 17 Jun 2019 21:12

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190610DL

Tot Ion:136 Resp: 1758

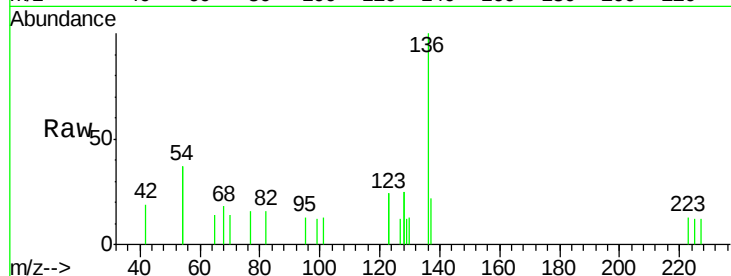
Ion Ratio Lower Upper

136 100

137 21.6 12.6 19.0#

54 73.9 33.0 49.6#

68 17.5 8.6 12.8#

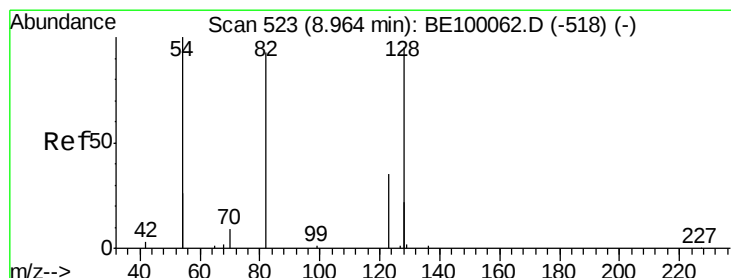
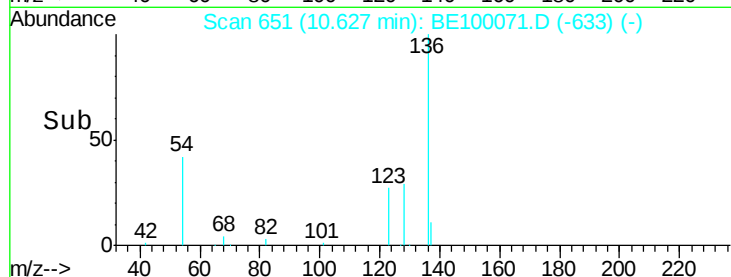
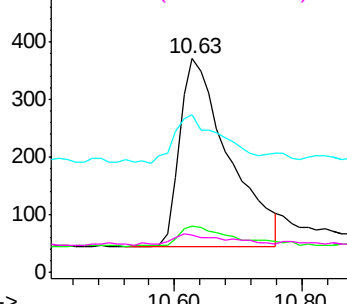


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.123 ng

RT: 9.06 min Scan# 530

Delta R.T. 0.09 min

Lab File: BE100071.D

Acq: 17 Jun 2019 21:12

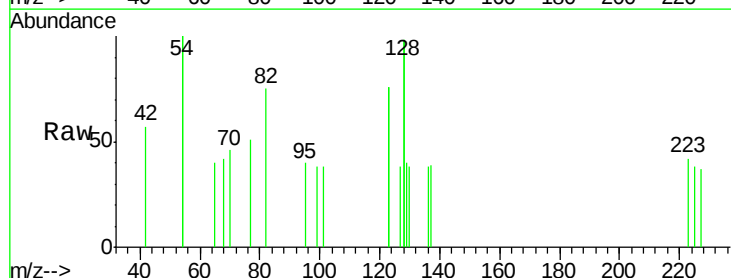
Tgt Ion: 82 Resp: 214

Ion Ratio Lower Upper

82 100

128 260.0 134.6 201.8#

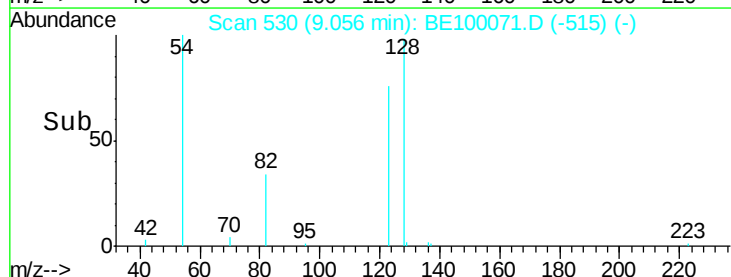
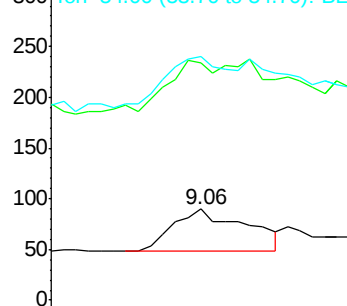
54 266.7 141.6 212.4#

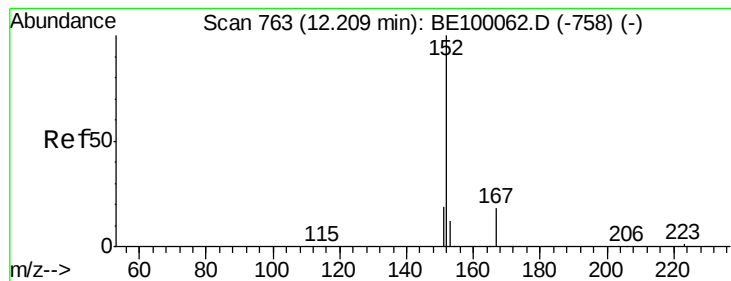


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

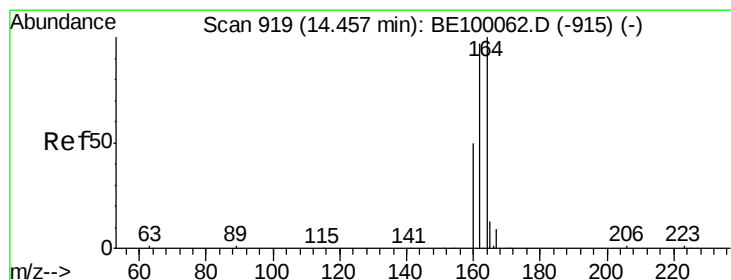
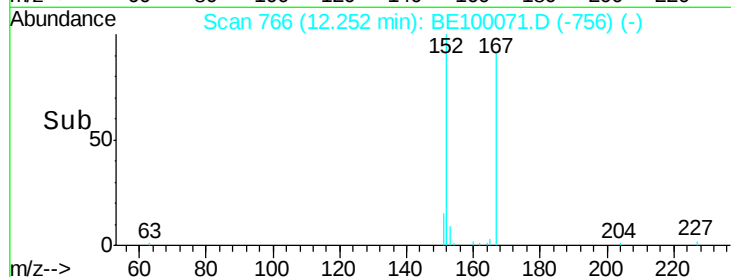
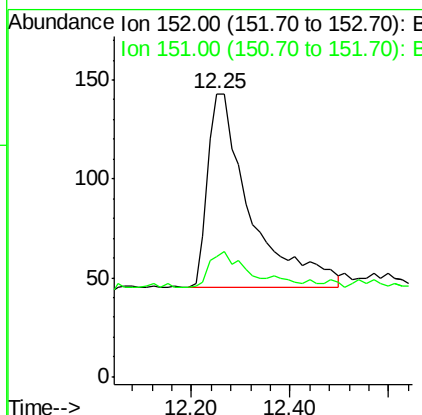
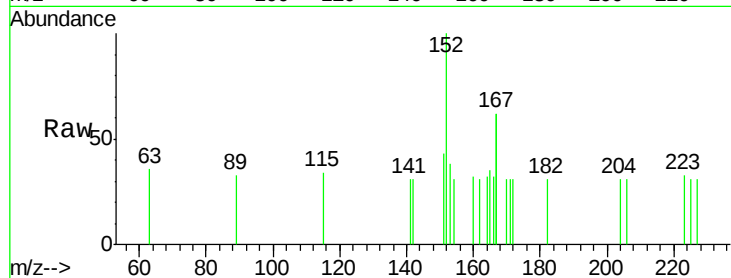




#11
 2-Methylnaphthalene-d10
 Concen: 0.185 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.04 min
 Lab File: BE100071.D
 Acq: 17 Jun 2019 21:12

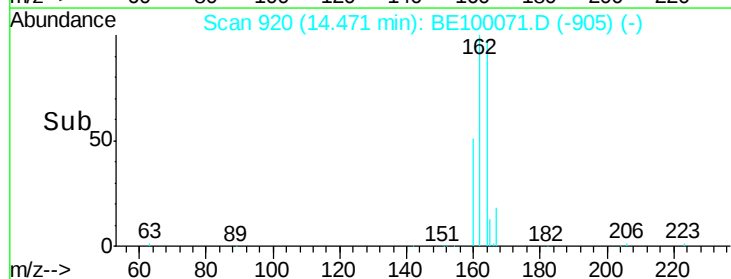
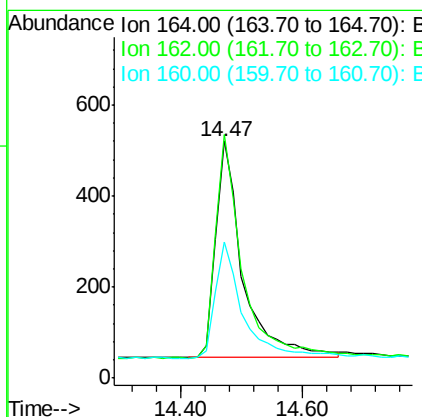
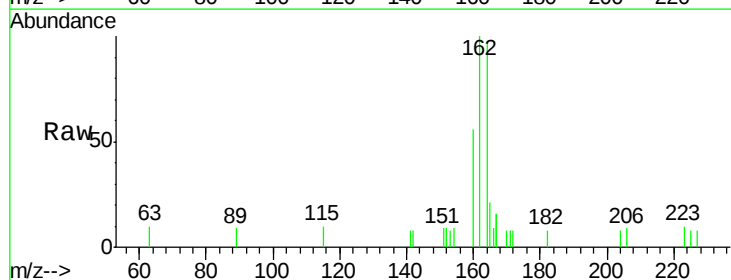
Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20190610DL

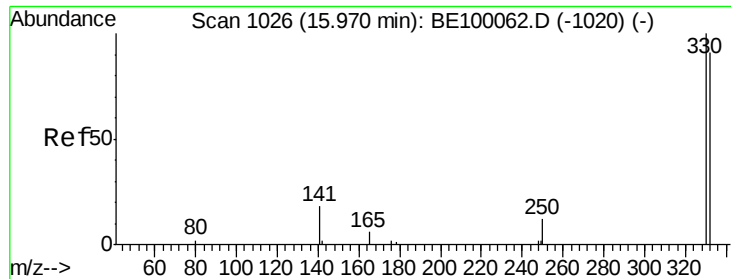
Tot Ion:152 Resp: 588
 Ion Ratio Lower Upper
 152 100
 151 15.1 15.4 23.2#



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE100071.D
 Acq: 17 Jun 2019 21:12

Tgt Ion:164 Resp: 1487
 Ion Ratio Lower Upper
 164 100
 162 102.9 77.6 116.4
 160 57.3 41.7 62.5

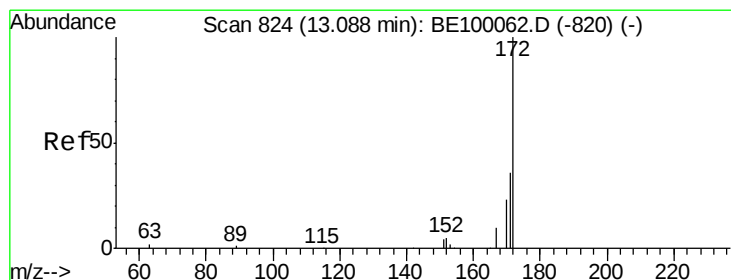
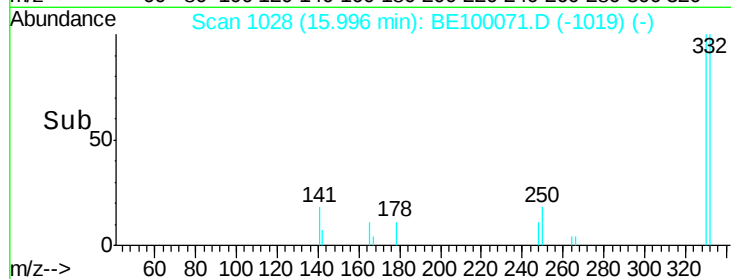
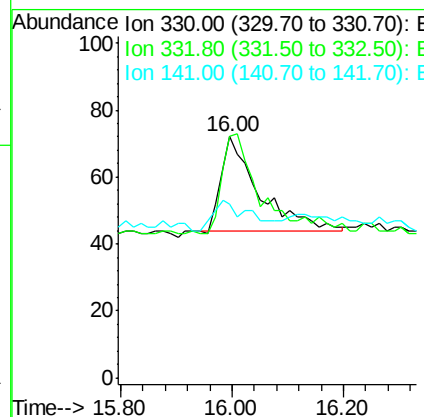
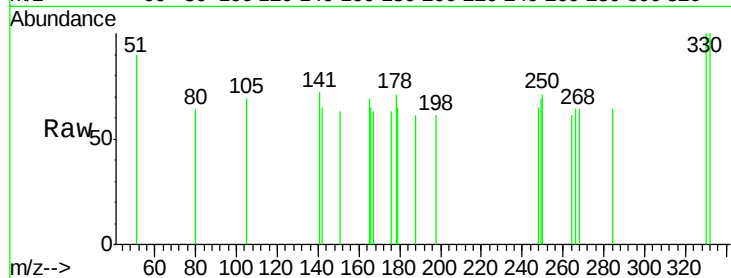




#14
 2,4,6-Tribromophenol
 Concen: 0.145 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.03 min
 Lab File: BE100071.D
 Acq: 17 Jun 2019 21:12

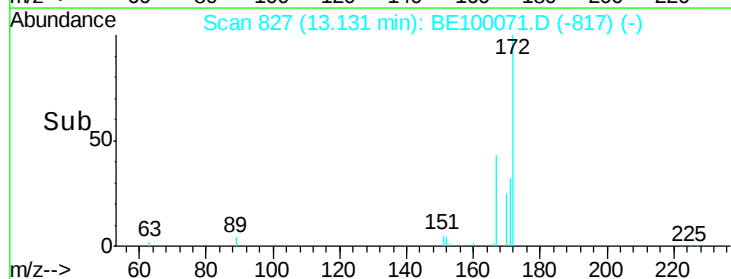
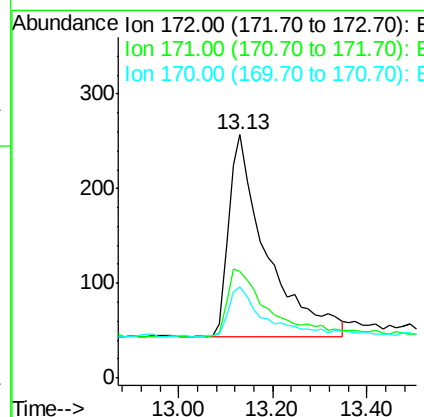
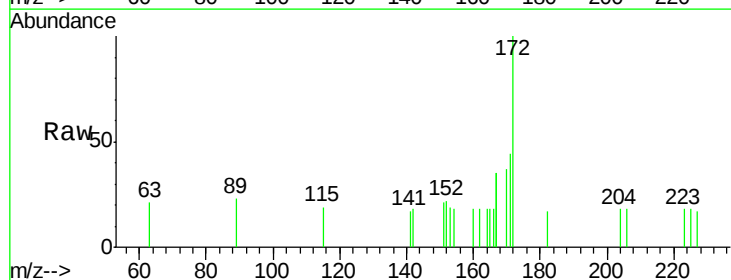
Instrument :
 BNA_E
 ClientSampleId :
 RE125D1-20190610DL

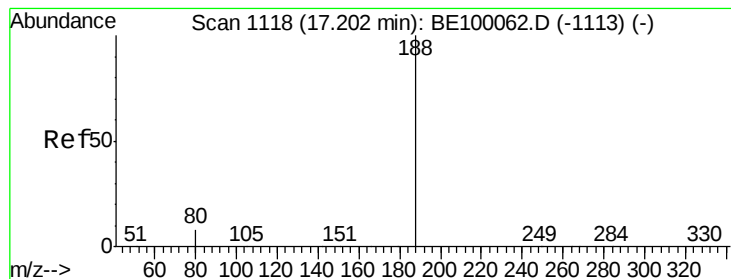
Tot Ion:330 Resp: 132
 Ion Ratio Lower Upper
 330 100
 332 100.0 74.7 112.1
 141 0.0 20.3 30.5#



#15
 2-Fluorobiphenyl
 Concen: 0.207 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.04 min
 Lab File: BE100071.D
 Acq: 17 Jun 2019 21:12

Tgt Ion:172 Resp: 1196
 Ion Ratio Lower Upper
 172 100
 171 44.0 31.0 46.6
 170 37.4 21.3 31.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BE100071.D

Acq: 17 Jun 2019 21:12

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190610DL

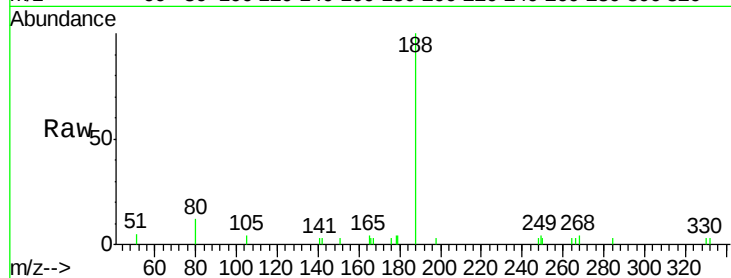
Tot Ion:188 Resp: 4732

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

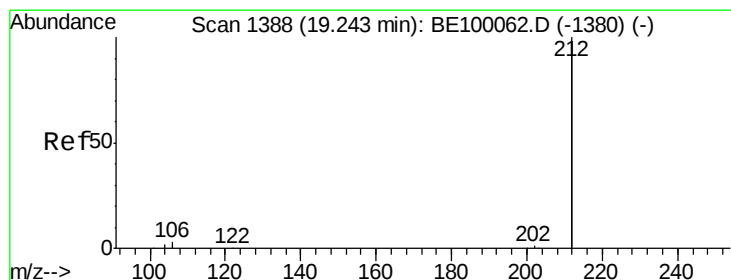
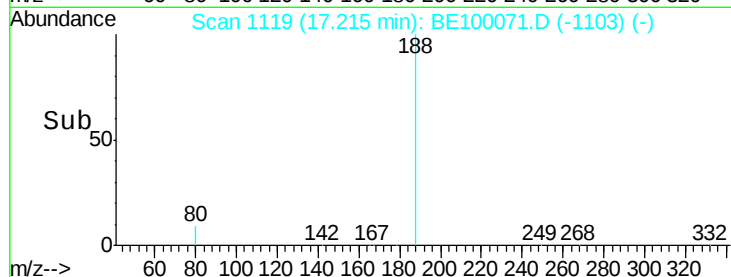
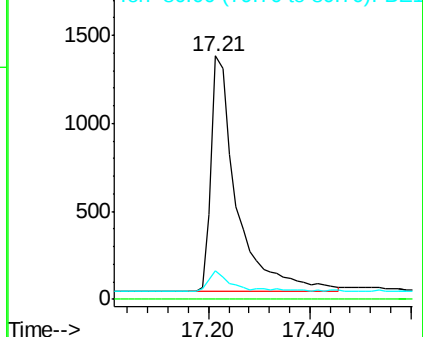
80 11.7 8.2 12.4



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: 0.195 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE100071.D

Acq: 17 Jun 2019 21:12

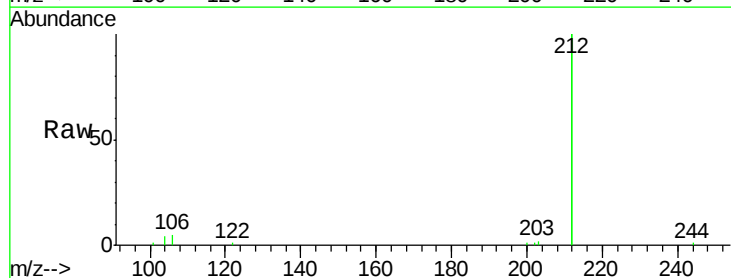
Tgt Ion:212 Resp: 12968

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

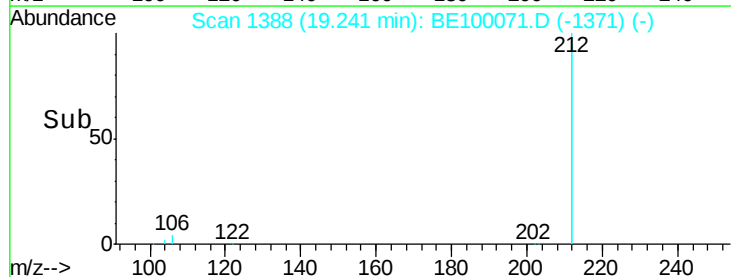
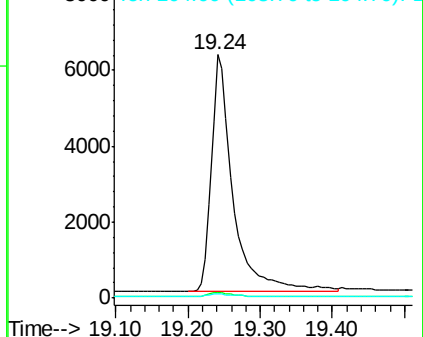
104 1.0 0.9 1.3

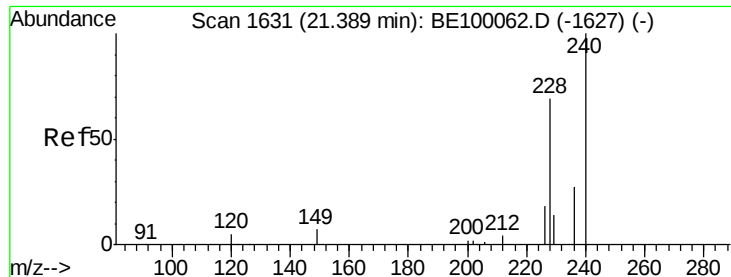


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE100071.D

Acq: 17 Jun 2019 21:12

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RE125D1-20190610DL

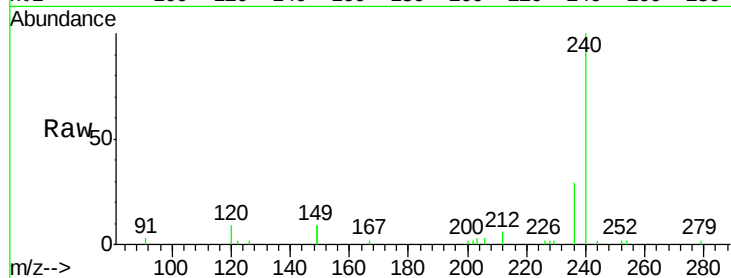
Tot Ion:240 Resp: 7170

Ion Ratio Lower Upper

240 100

120 9.4 5.4 8.0#

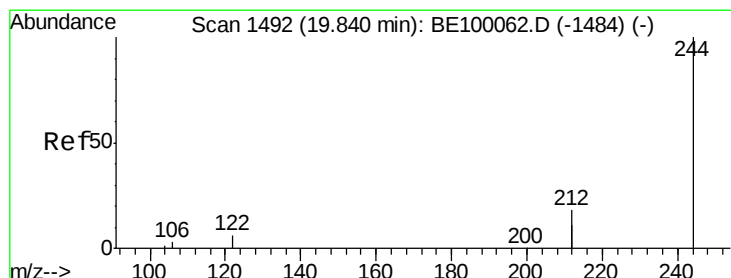
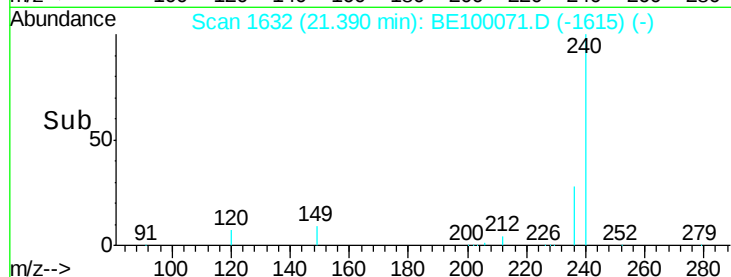
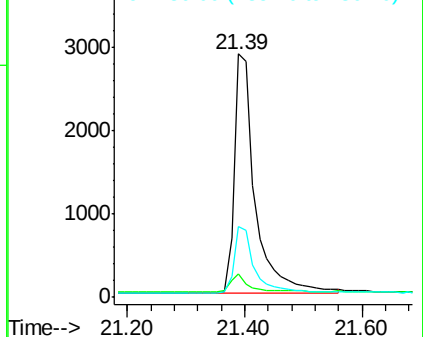
236 29.3 22.6 33.8



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: 0.290 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE100071.D

Acq: 17 Jun 2019 21:12

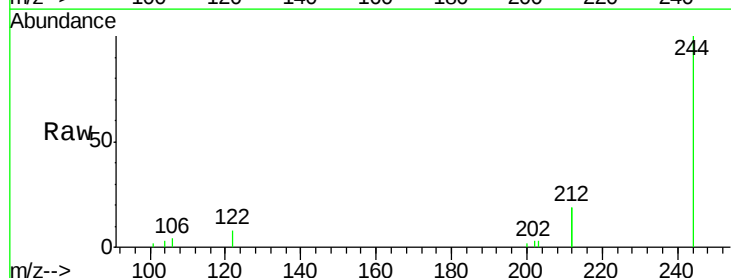
Tgt Ion:244 Resp: 3499

Ion Ratio Lower Upper

244 100

212 38.2 27.9 41.9

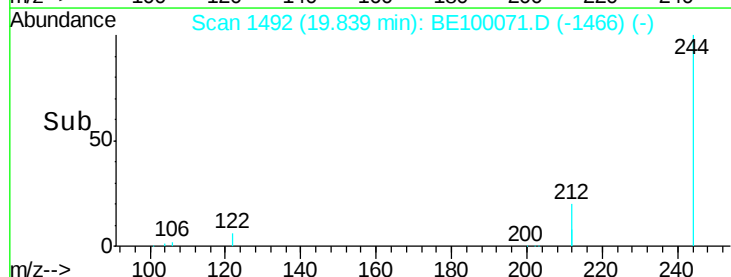
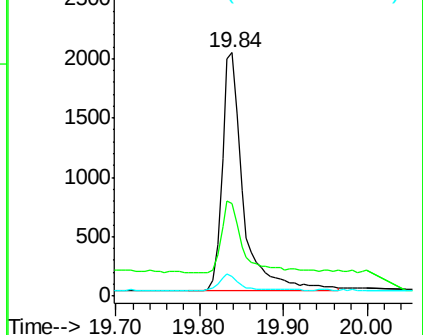
122 7.9 5.8 8.6

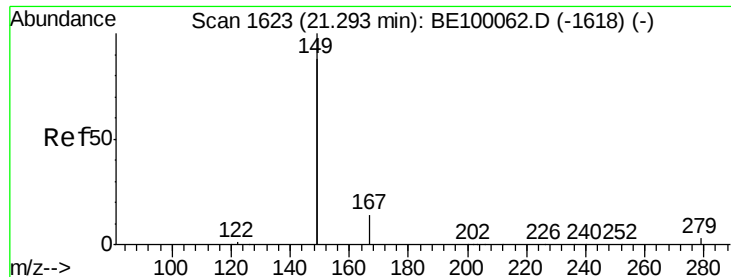


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.093 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100071.D

Acq: 17 Jun 2019 21:12

Instrument :

BNA_E

ClientSampleId :

RE125D1-20190610DL

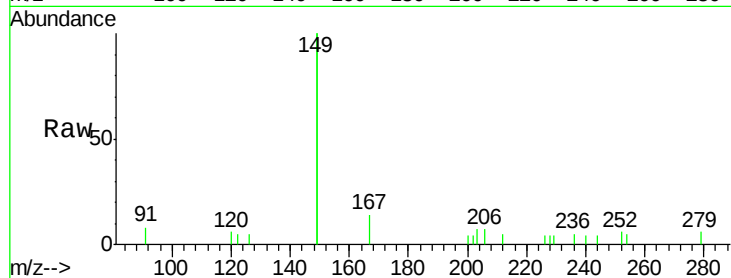
Tot Ion:149 Resp: 2664

Ion Ratio Lower Upper

149 100

167 6.2 5.9 8.9

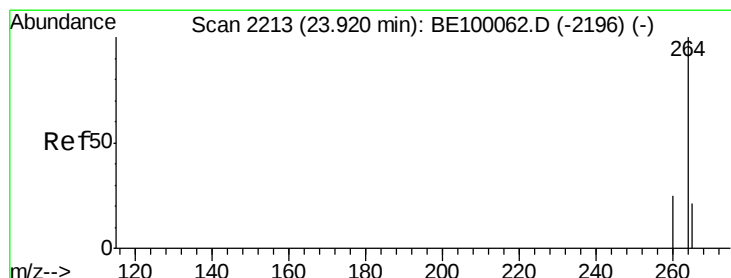
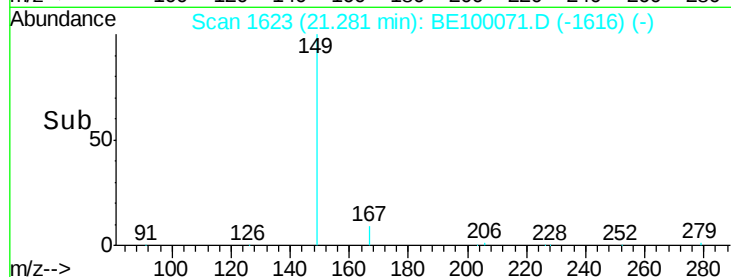
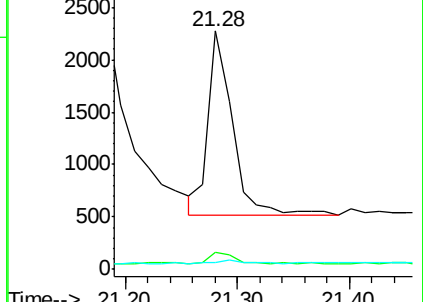
279 1.6 1.0 1.6#



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: 23.92 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BE100071.D

Acq: 17 Jun 2019 21:12

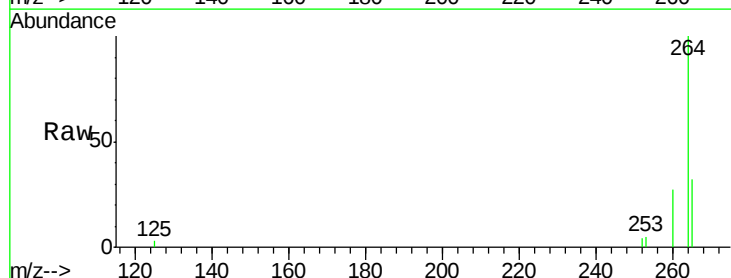
Tgt Ion:264 Resp: 7910

Ion Ratio Lower Upper

264 100

260 27.1 20.6 31.0

265 31.8 23.6 35.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

