

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061419\
 Data File : BE100055.D
 Acq On : 15 Jun 2019 12:09
 Operator : JU/SJ
 Sample : K3315-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 FB02-20190610

Quant Time: Jun 17 01:11:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

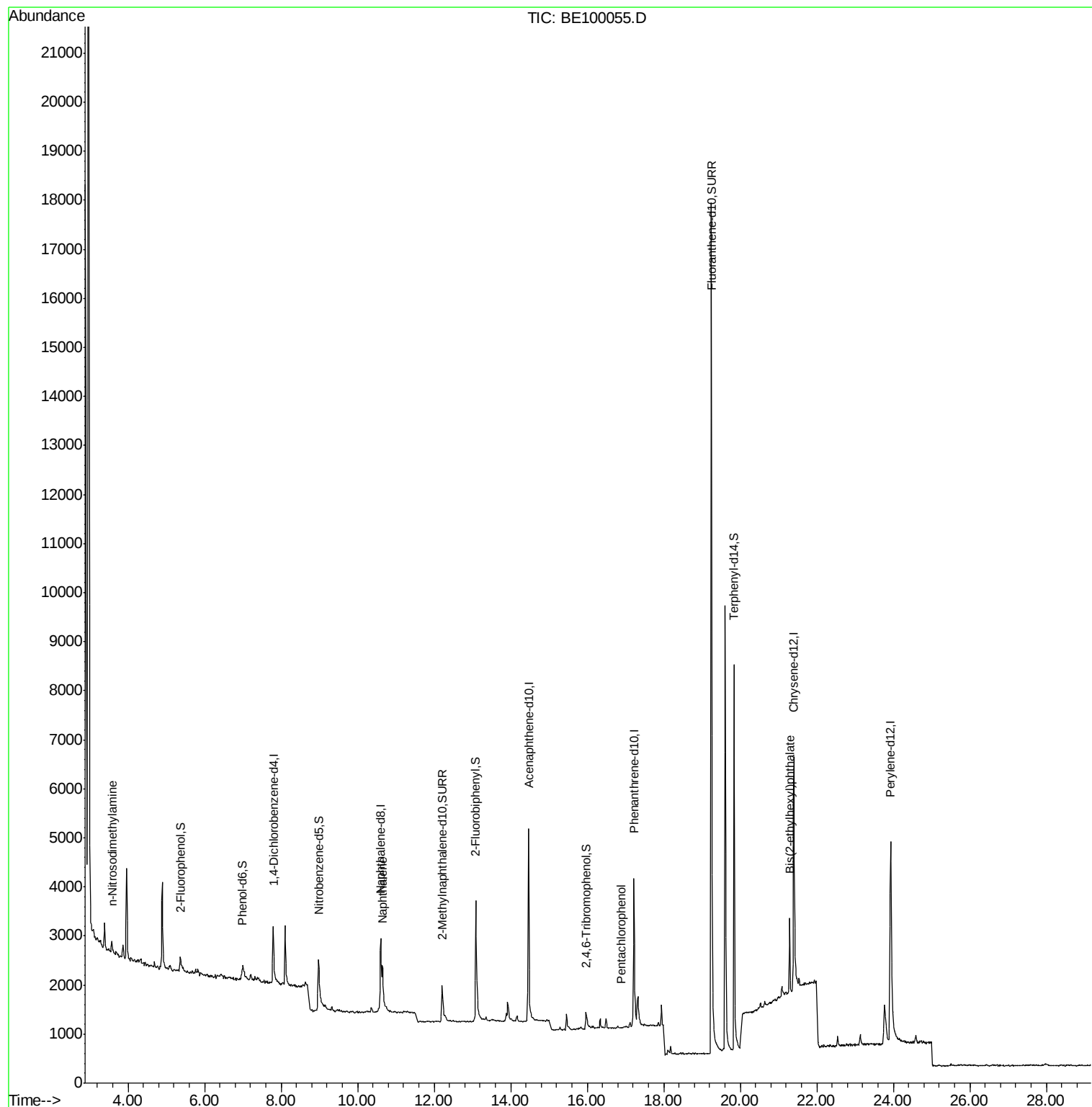
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	861	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3055	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2420	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6093	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7966	0.40	ng	0.00
34) Perylene-d12	23.93	264	8664	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	334	0.14	ng	0.00
5) Phenol-d6	6.98	99	275	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1120	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1757	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	404	0.23	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3804	0.41	ng	-0.01
25) Fluoranthene-d10	19.24	212	30616	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	8844	0.62	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.59	42	48	0.065	ng	# 100
9) Naphthalene	10.65	128	1952	0.059	ng	# 88
22) Pentachlorophenol	16.88	266	2	0.301	ng	# 79
32) Bis(2-ethylhexyl)phthalate	21.29	149	2019	0.059	ng	# 99

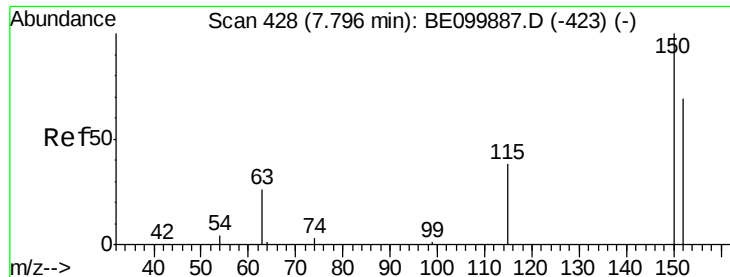
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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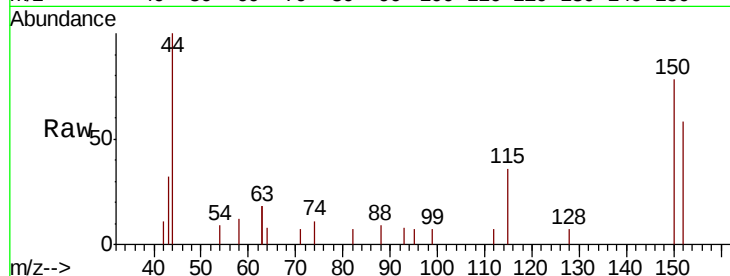


#1

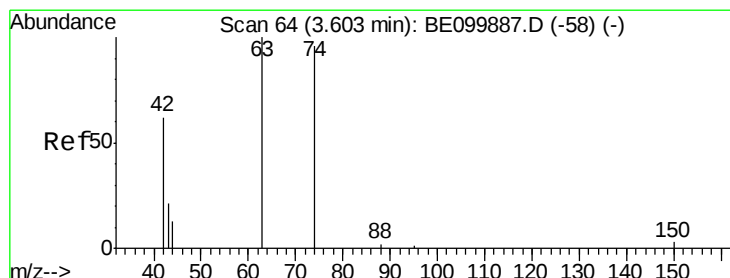
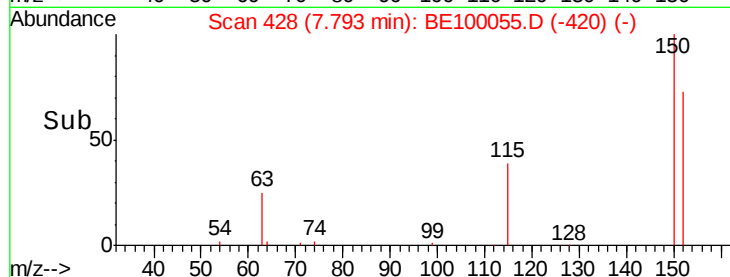
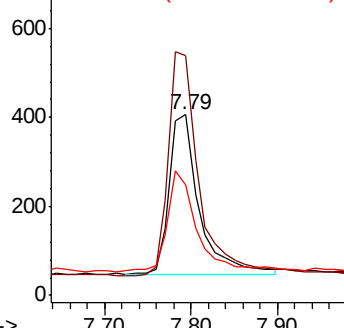
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100055.D
Acq: 15 Jun 2019 12:09

Instrument :
BNA_E
ClientSampleId :
FB02-20190610

Tgt Ion:152 Resp: 861
Ion Ratio Lower Upper
152 100
150 132.8 111.0 166.6
115 61.3 50.7 76.1



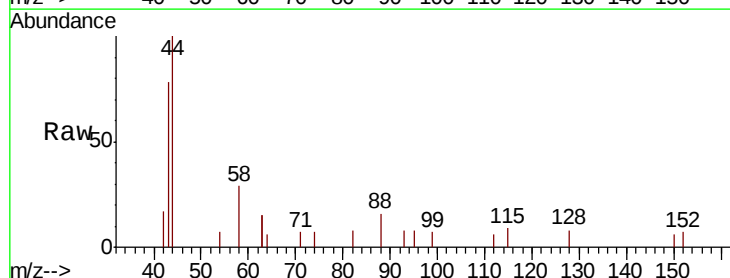
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



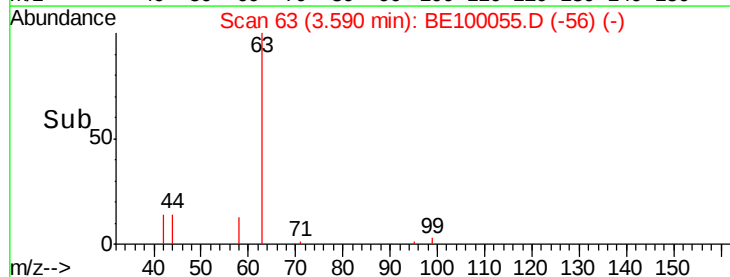
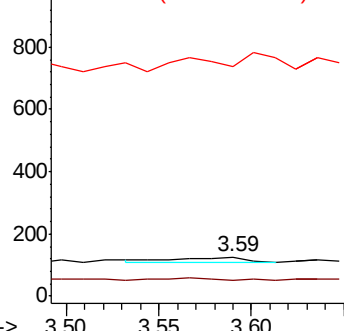
#3

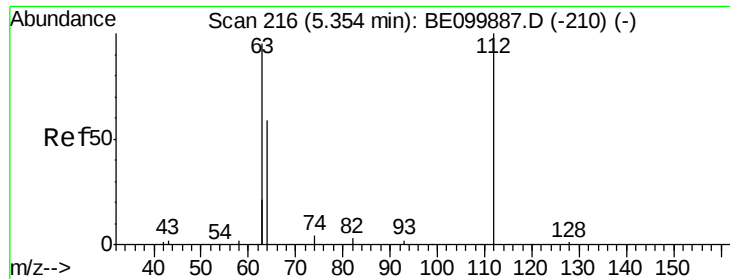
n-Nitrosodimethylamine
Concen: 0.065 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.01 min
Lab File: BE100055.D
Acq: 15 Jun 2019 12:09

Tgt Ion: 42 Resp: 48
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 131.3 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: 0.144 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100055.D

Acq: 15 Jun 2019 12:09

Instrument :

BNA_E

ClientSampleId :

FB02-20190610

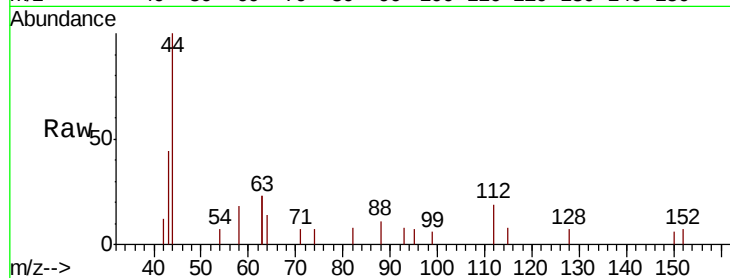
Tgt Ion: 112 Resp: 334

Ion Ratio Lower Upper

112 100

64 56.6 44.1 66.1

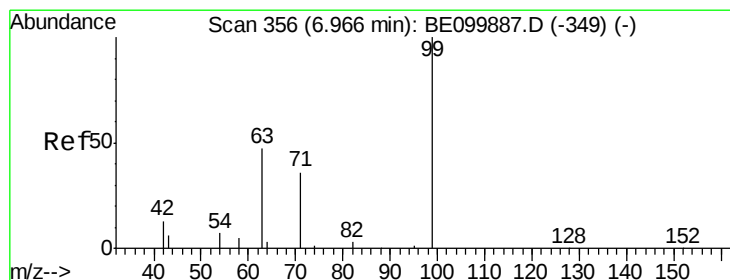
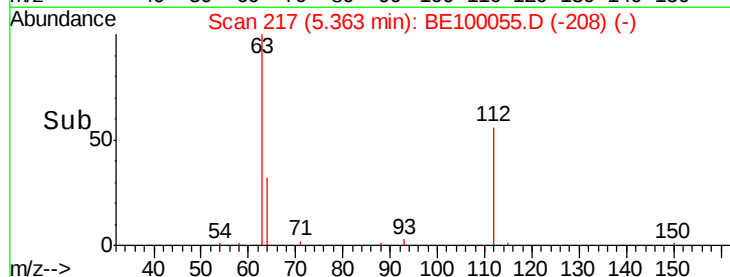
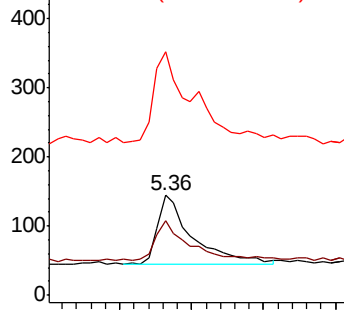
63 156.9 87.8 131.6#



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: 0.092 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100055.D

Acq: 15 Jun 2019 12:09

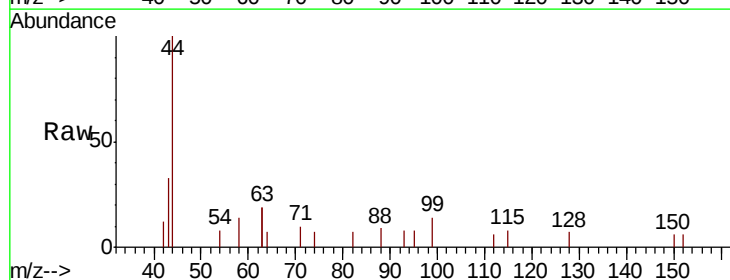
Tgt Ion: 99 Resp: 275

Ion Ratio Lower Upper

99 100

42 16.0 15.9 23.9

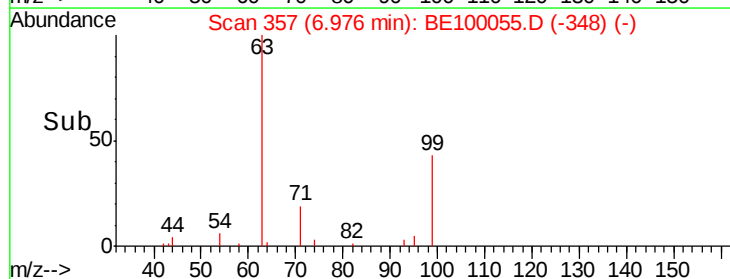
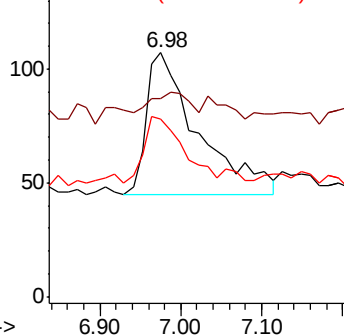
71 0.0 34.6 52.0#

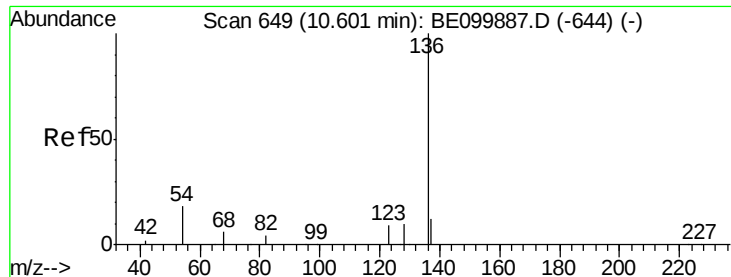


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100055.D

Acq: 15 Jun 2019 12:09

Instrument :

BNA_E

ClientSampleId :

FB02-20190610

Tgt Ion: 136 Resp: 3055

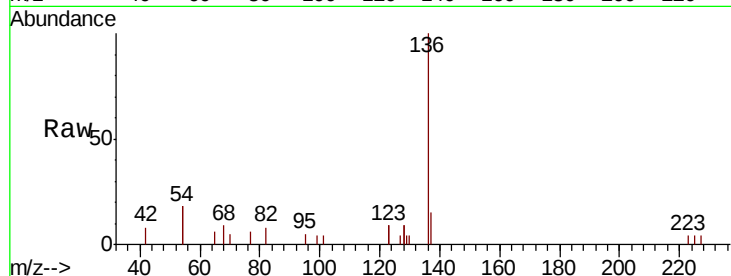
Ion Ratio Lower Upper

136 100

137 15.5 12.3 18.5

54 35.9 28.2 42.4

68 9.5 7.8 11.8

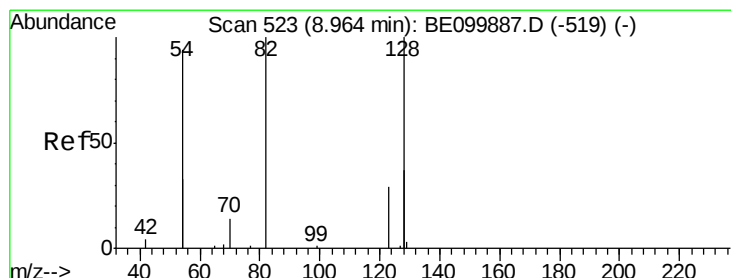
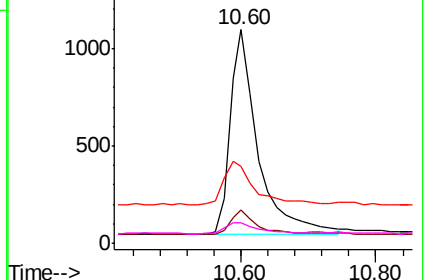
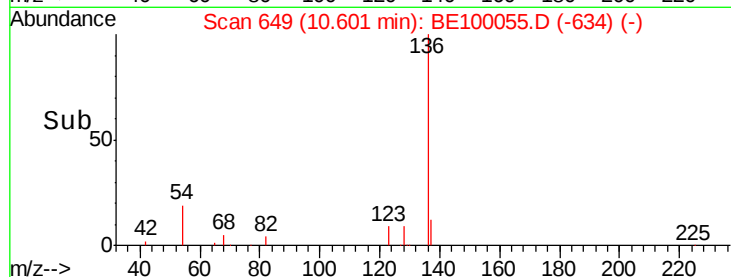


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE100055.D

Acq: 15 Jun 2019 12:09

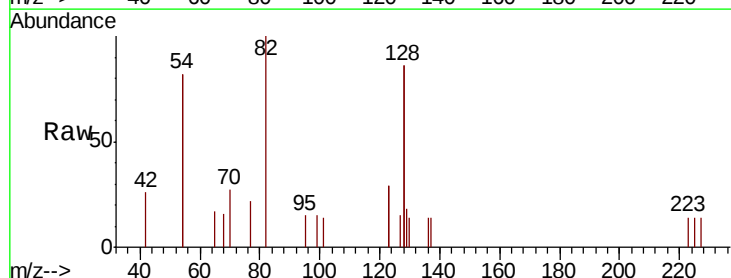
Tgt Ion: 82 Resp: 1120

Ion Ratio Lower Upper

82 100

128 171.6 137.3 205.9

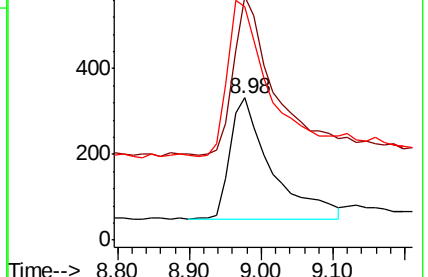
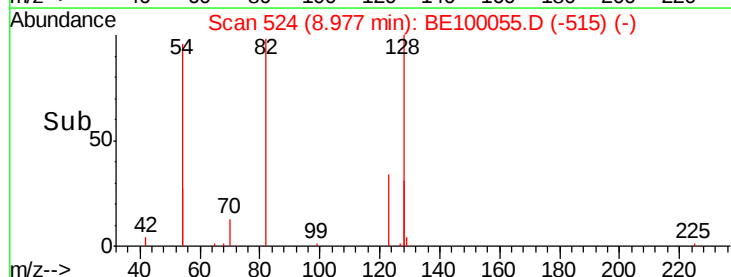
54 164.4 129.7 194.5

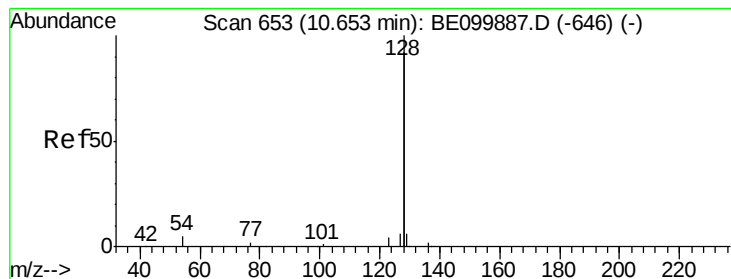


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.059 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE100055.D

Acq: 15 Jun 2019 12:09

Instrument :

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FB02-20190610

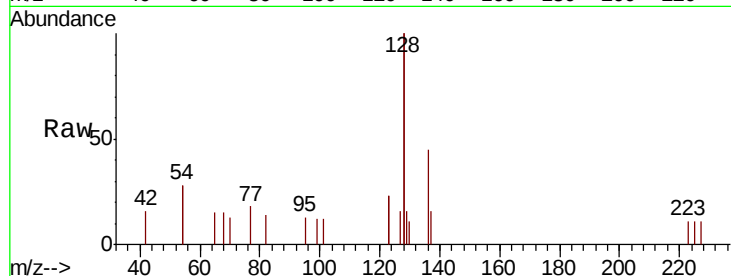
Tgt Ion:128 Resp: 1952

Ion Ratio Lower Upper

128 100

129 8.1 3.0 4.6#

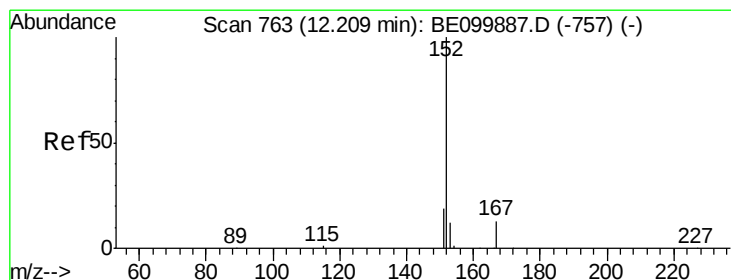
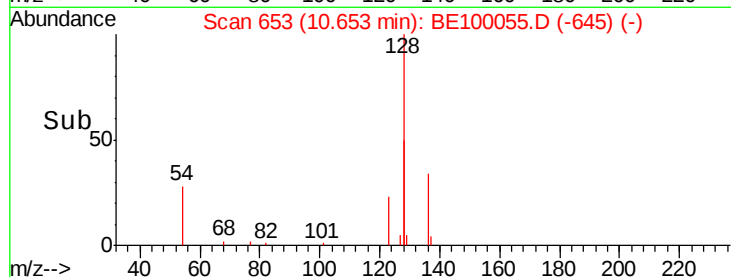
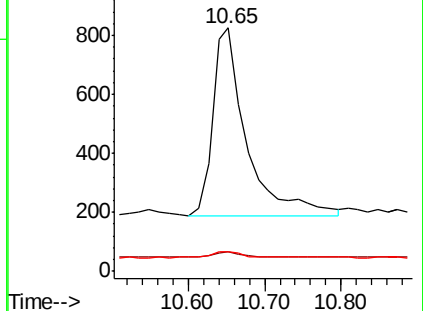
127 7.9 3.4 5.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.330 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100055.D

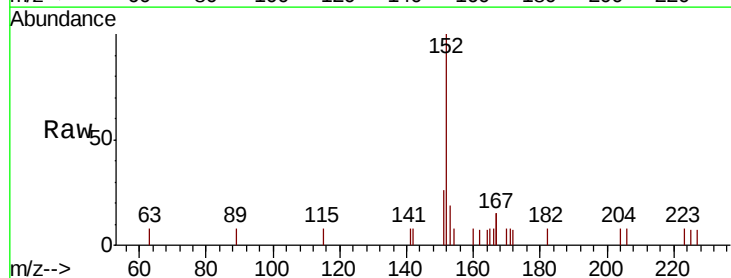
Acq: 15 Jun 2019 12:09

Tgt Ion:152 Resp: 1757

Ion Ratio Lower Upper

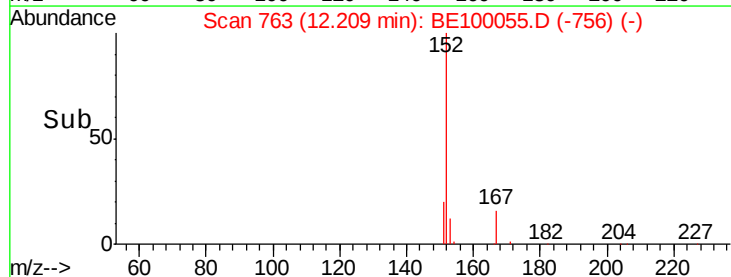
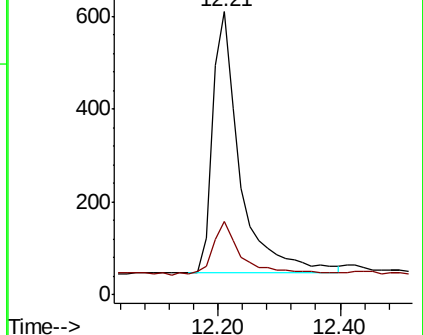
152 100

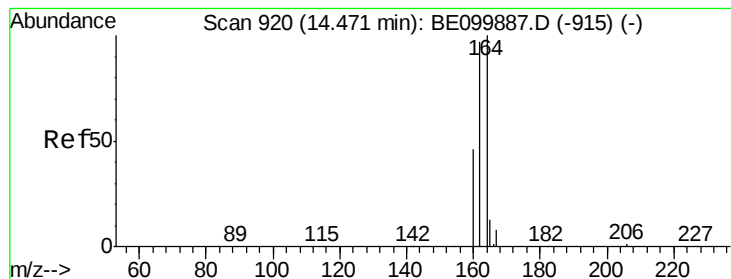
151 19.6 15.2 22.8



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: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100055.D

Acq: 15 Jun 2019 12:09

Instrument :

BNA_E

ClientSampleId :

FB02-20190610

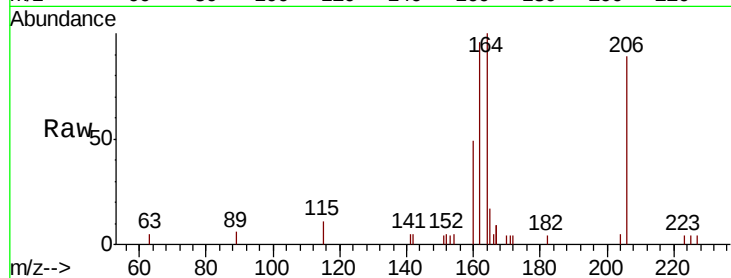
Tgt Ion:164 Resp: 2420

Ion Ratio Lower Upper

164 100

162 96.1 77.8 116.8

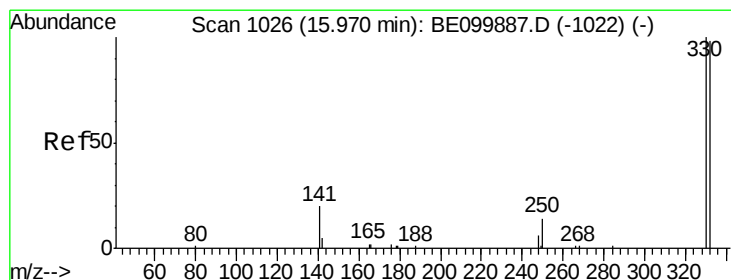
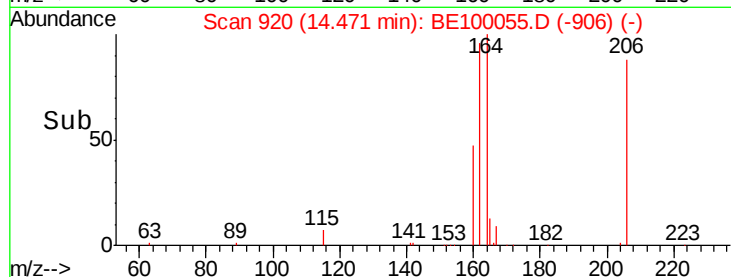
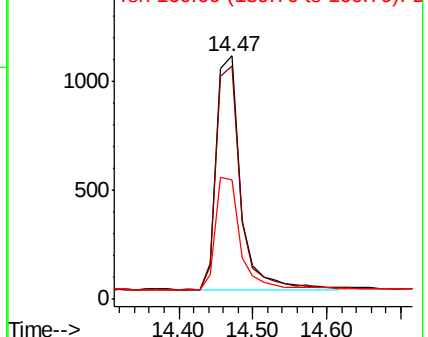
160 49.0 38.2 57.4



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: 0.226 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE100055.D

Acq: 15 Jun 2019 12:09

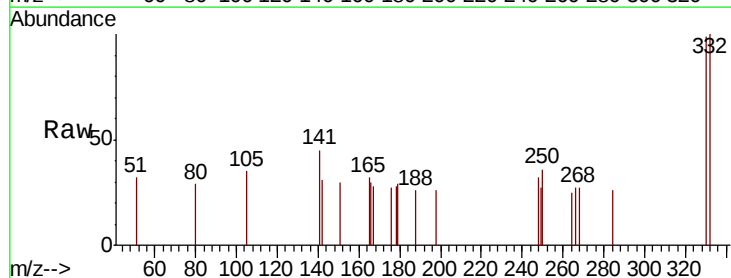
Tgt Ion:330 Resp: 404

Ion Ratio Lower Upper

330 100

332 99.8 76.7 115.1

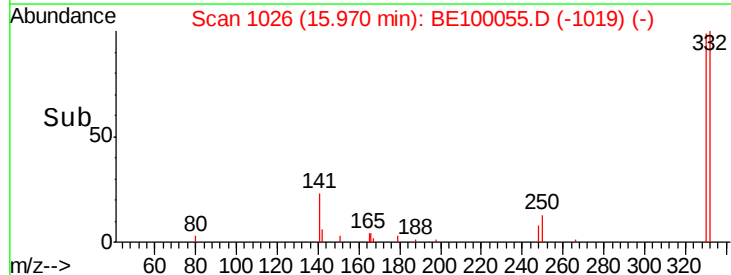
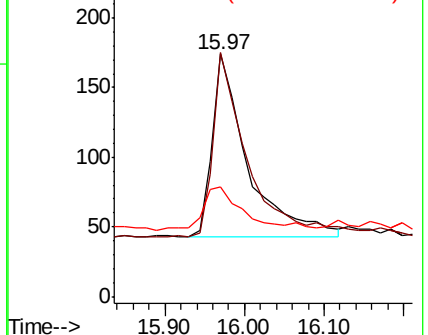
141 23.8 21.0 31.6

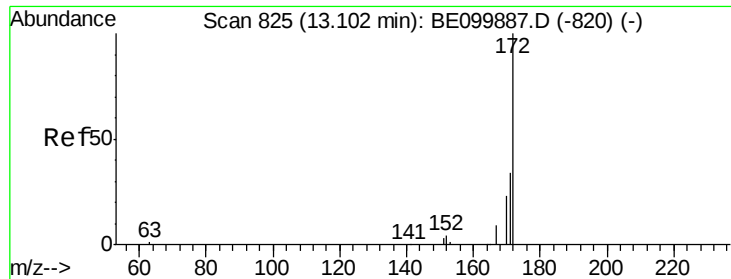


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

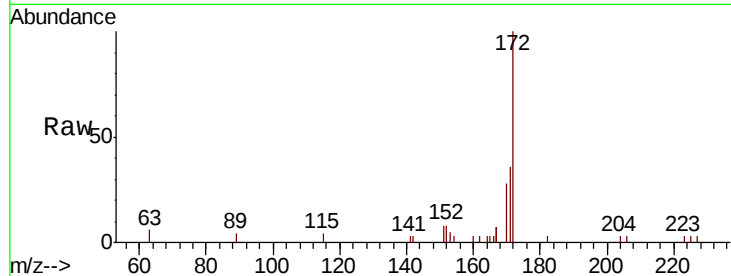




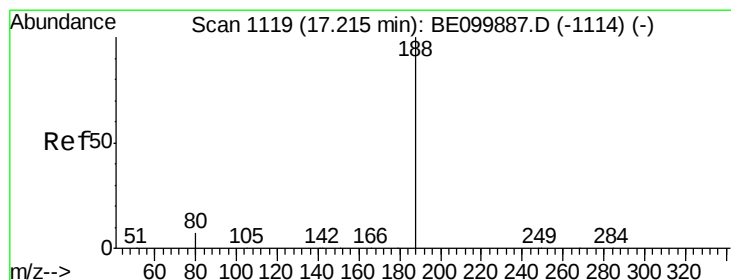
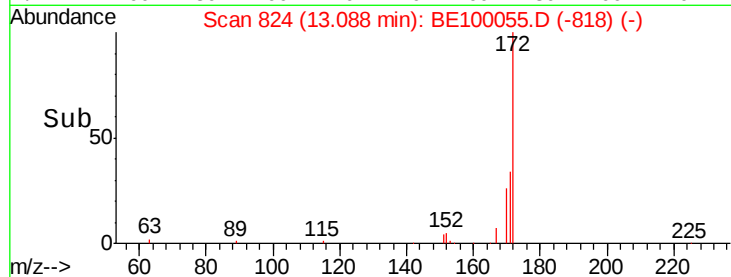
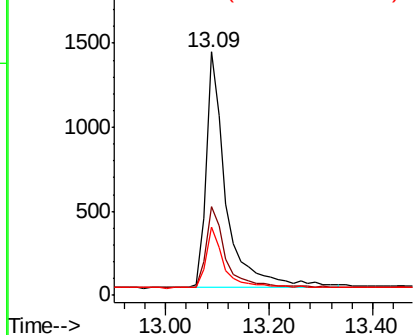
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100055.D
Acq: 15 Jun 2019 12:09

Instrument :
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Tgt Ion:172 Resp: 3804
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 28.2 21.2 31.8

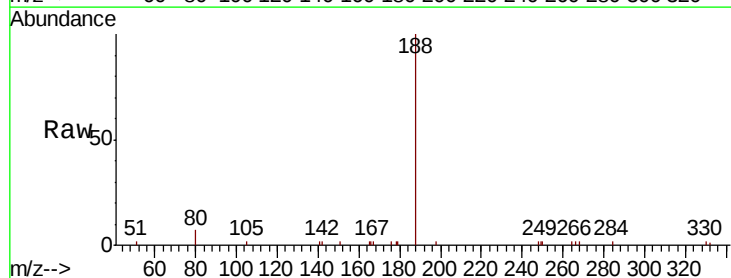


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

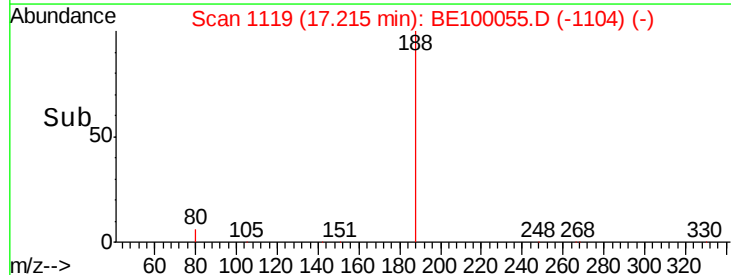
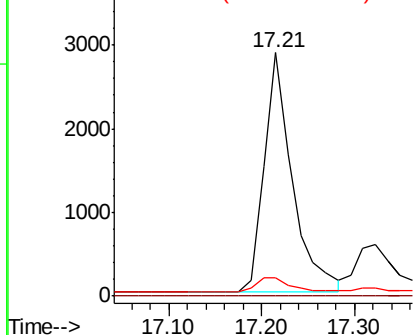


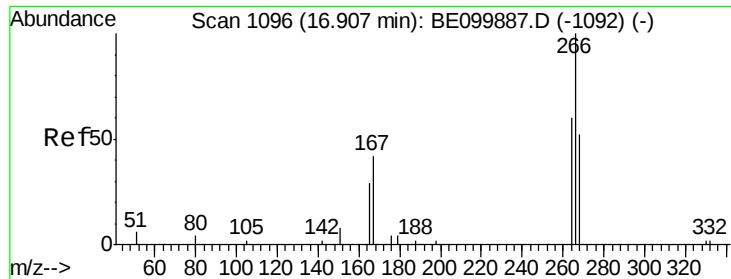
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100055.D
Acq: 15 Jun 2019 12:09

Tgt Ion:188 Resp: 6093
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.4 9.6



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

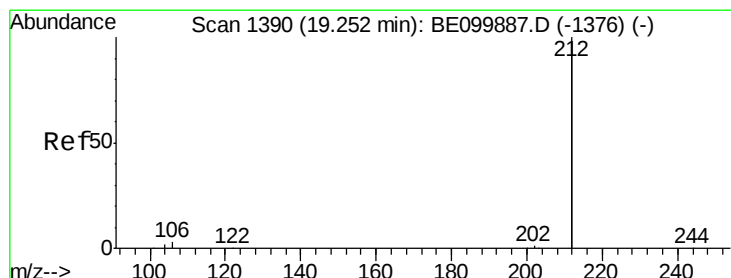
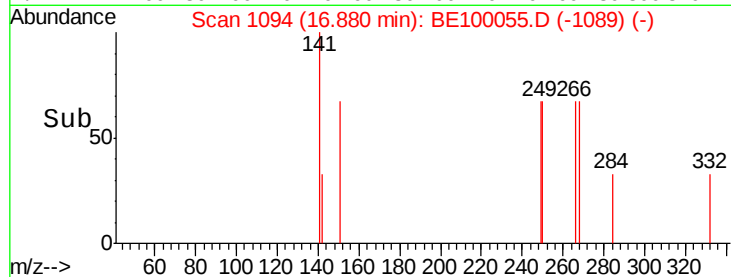
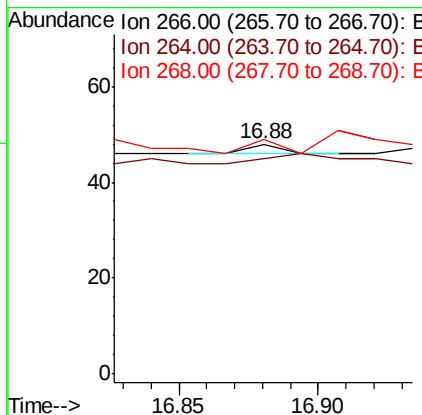
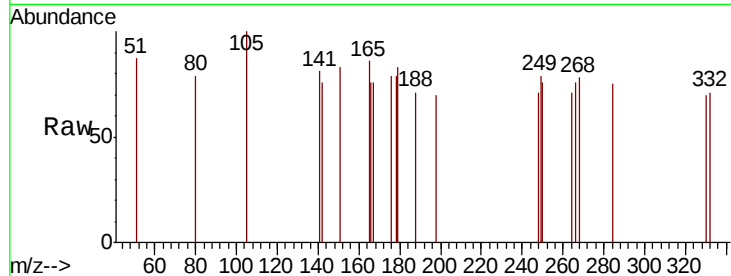




#22
 Pentachlorophenol
 Concen: 0.301 ng
 RT: 16.88 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BE100055.D
 Acq: 15 Jun 2019 12:09

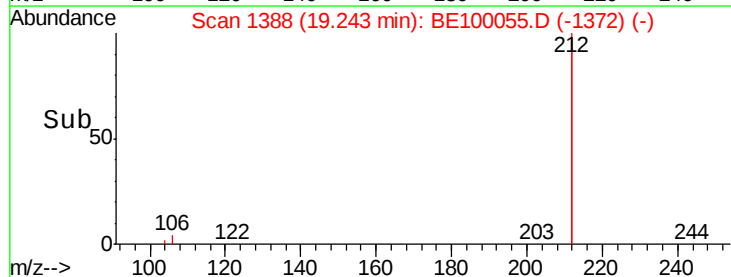
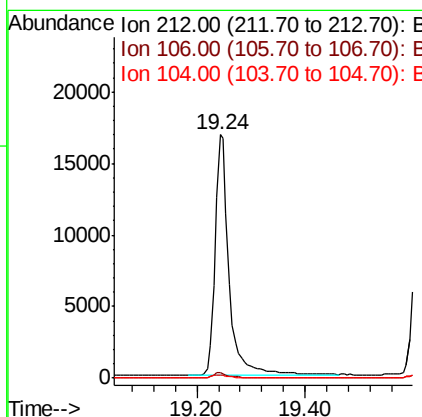
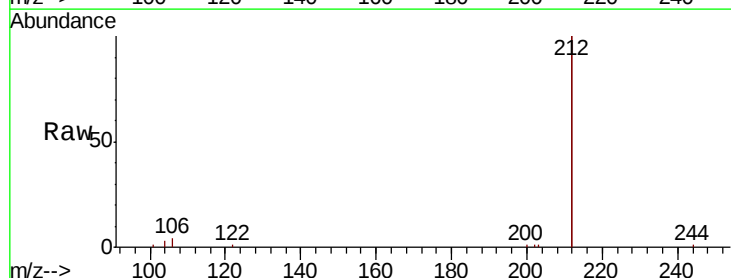
Instrument :
 BNA_E
 ClientSampleId :
 FB02-20190610

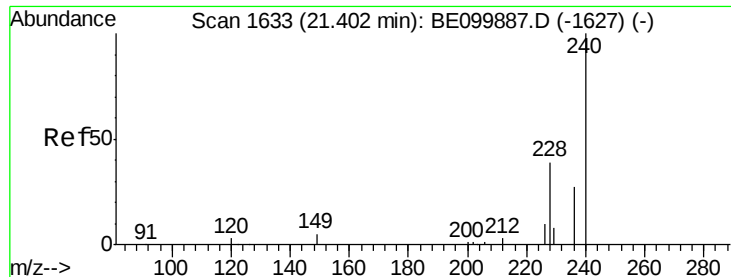
Tgt Ion: 266 Resp: 2
 Ion Ratio Lower Upper
 266 100
 264 93.8 62.2 93.2#
 268 102.1 65.5 98.3#



#25
 Fluoranthene-d10
 Concen: 0.345 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BE100055.D
 Acq: 15 Jun 2019 12:09

Tgt Ion: 212 Resp: 30616
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.0 0.9 1.3

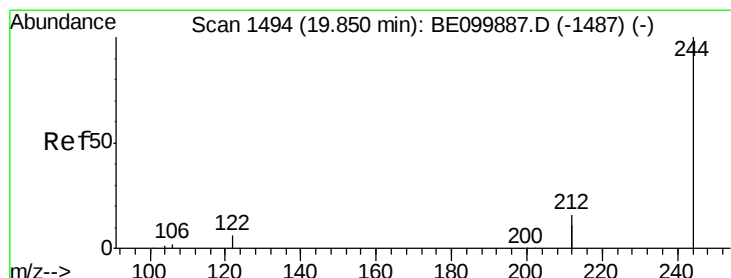
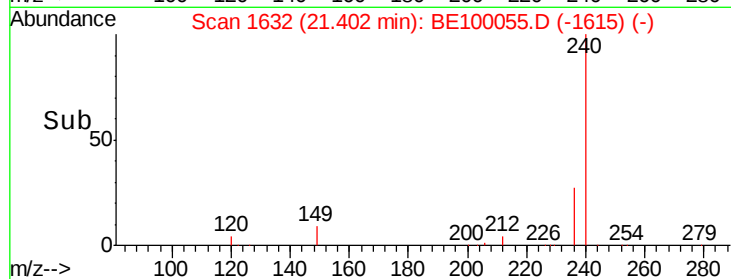
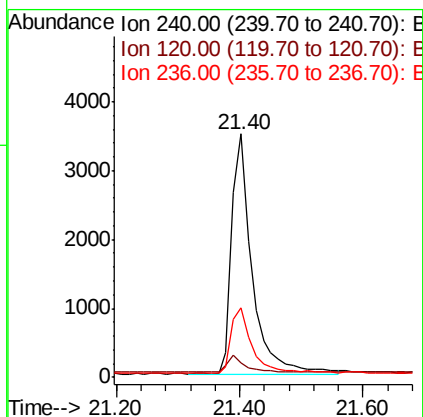
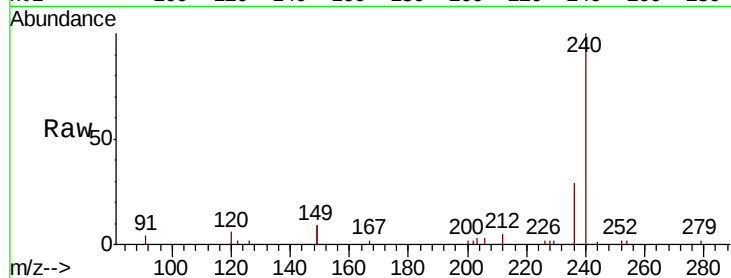




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BE100055.D
 Acq: 15 Jun 2019 12:09

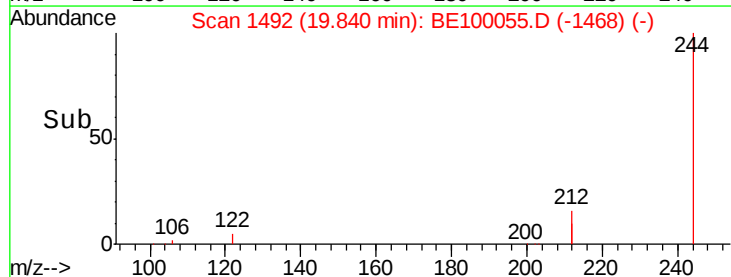
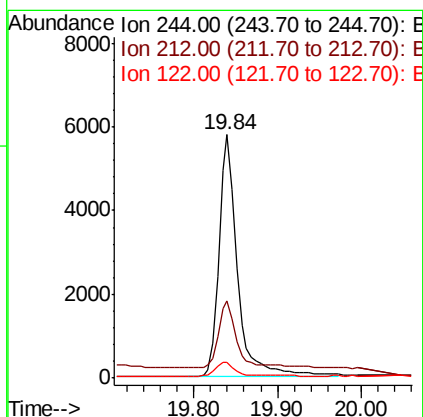
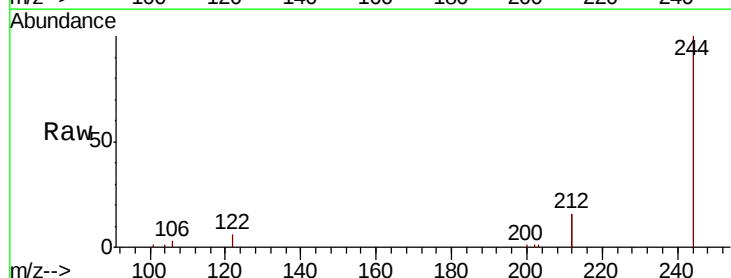
Instrument :
 BNA_E
 ClientSampleId :
 FB02-20190610

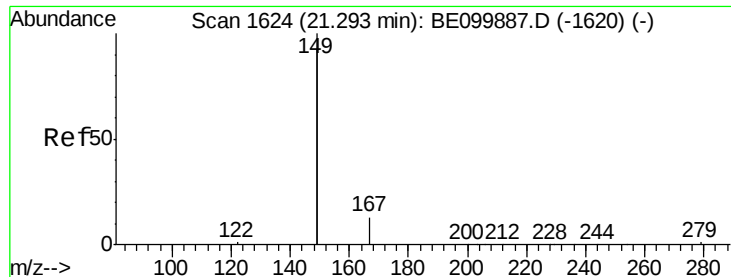
Tgt Ion:240 Resp: 7966
 Ion Ratio Lower Upper
 240 100
 120 6.1 3.8 5.6#
 236 28.5 22.0 33.0



#29
 Terphenyl-d14
 Concen: 0.617 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE100055.D
 Acq: 15 Jun 2019 12:09

Tgt Ion:244 Resp: 8844
 Ion Ratio Lower Upper
 244 100
 212 31.9 25.7 38.5
 122 6.3 5.5 8.3

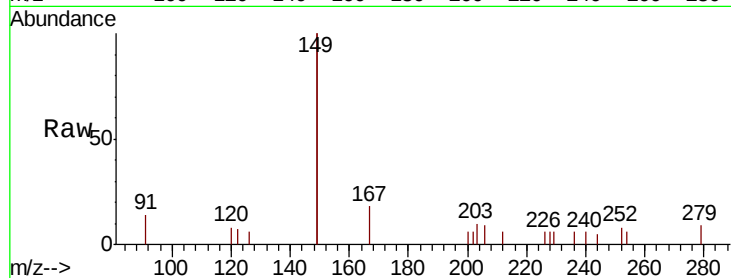




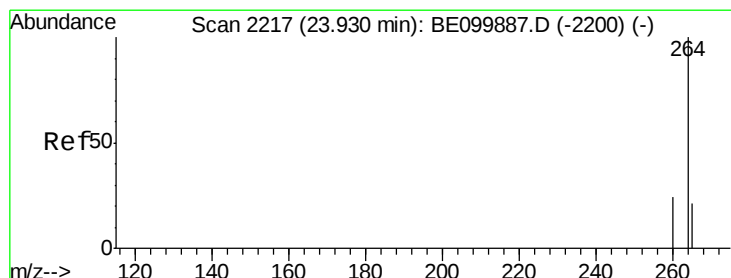
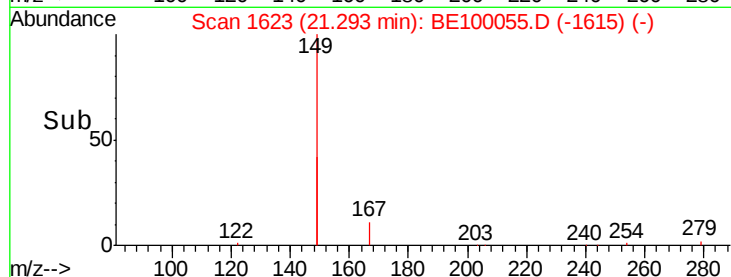
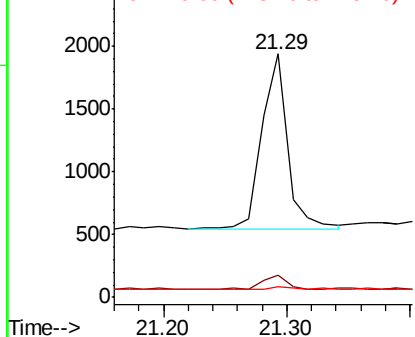
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE100055.D
 Acq: 15 Jun 2019 12:09

Instrument :
 BNA_E
 ClientSampleId :
 FB02-20190610

Tgt Ion:149 Resp: 2019
 Ion Ratio Lower Upper
 149 100
 167 7.8 5.9 8.9
 279 2.2 1.2 1.8#

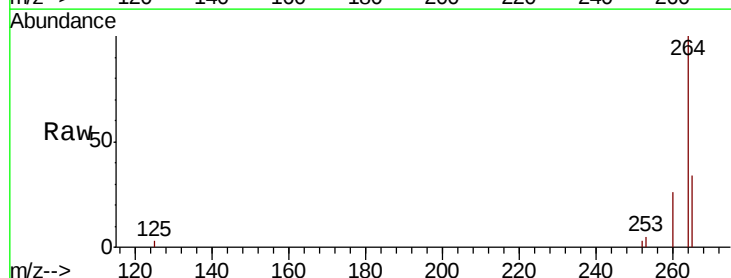


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BE100055.D
 Acq: 15 Jun 2019 12:09

Tgt Ion:264 Resp: 8664
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.2 30.2
 265 33.8 22.0 33.0#



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

