

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052819\
 Data File : BE099762.D
 Acq On : 28 May 2019 18:17
 Operator : JU/SJ
 Sample : K3037-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW5-R1-1

Quant Time: May 29 04:58:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

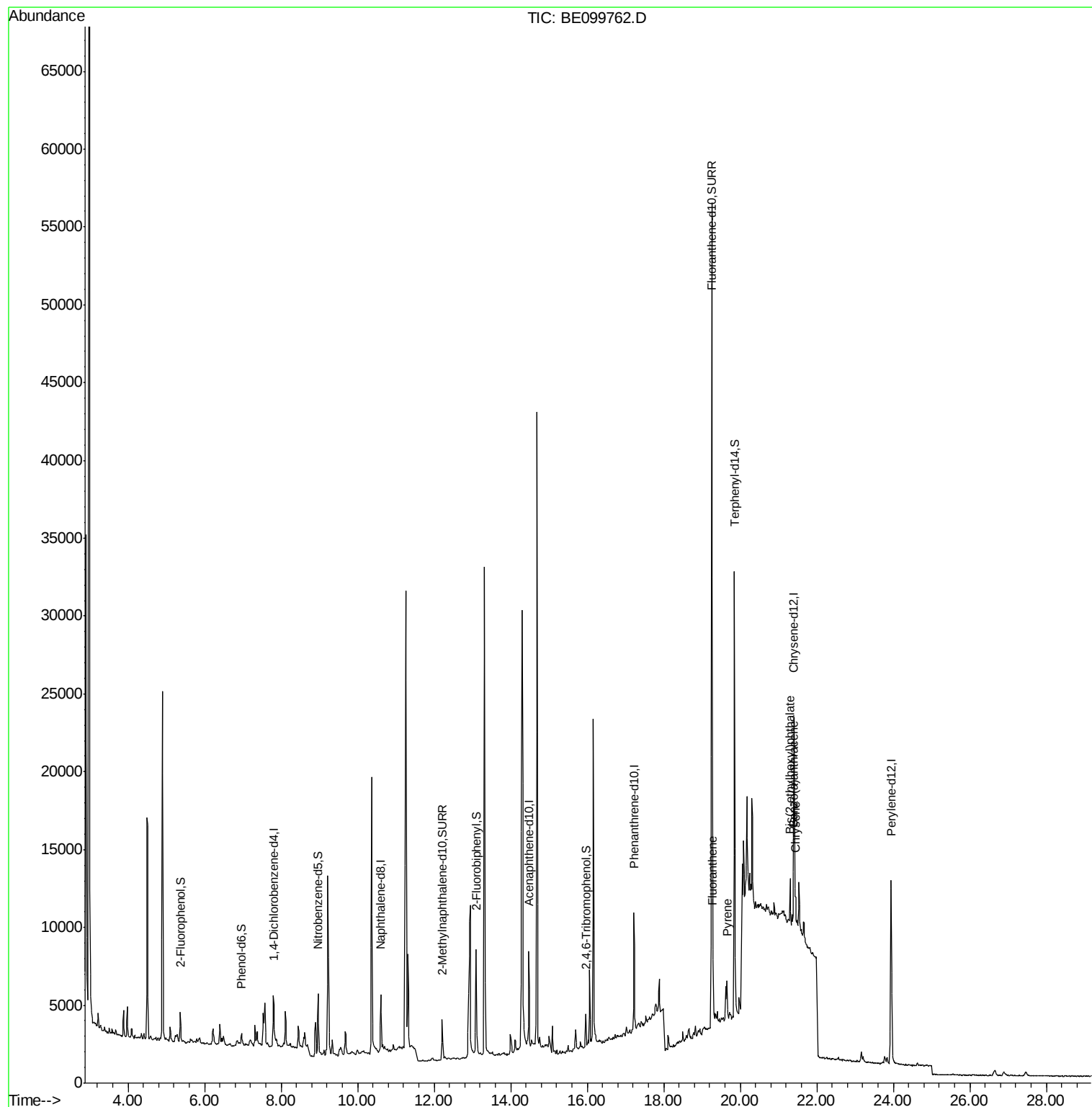
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1288	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	4703	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	3591	0.40	ng	-0.02
19) Phenanthrene-d10	17.21	188	11611	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	15896	0.40	ng	-0.01
34) Perylene-d12	23.94	264	18076	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	862	0.26	ng	-0.01
5) Phenol-d6	6.96	99	771	0.18	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1835	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3668	0.45	ng	-0.02
14) 2,4,6-Tribromophenol	15.97	330	1489	0.66	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	7290	0.54	ng	0.00
25) Fluoranthene-d10	19.25	212	71303	0.45	ng	-0.01
29) Terphenyl-d14	19.85	244	26197	0.92	ng	-0.02
Target Compounds						
26) Fluoranthene	19.29	202	3431	0.076	ng	# 91
28) Pyrene	19.65	202	2408	0.060	ng	# 93
30) Benzo(a)anthracene	21.39	228	1132	0.025	ng	# 36
31) Chrysene	21.44	228	1143	0.024	ng	# 35
32) Bis(2-ethylhexyl)phthalate	21.30	149	3108	0.060	ng	# 94

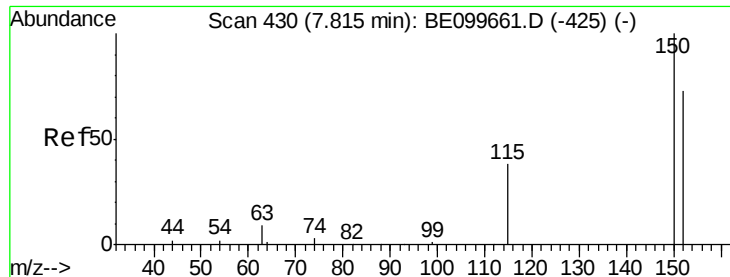
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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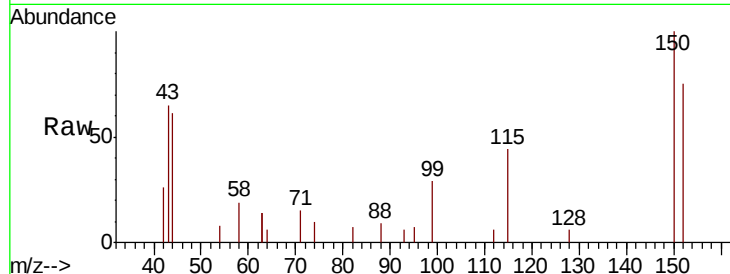


#1

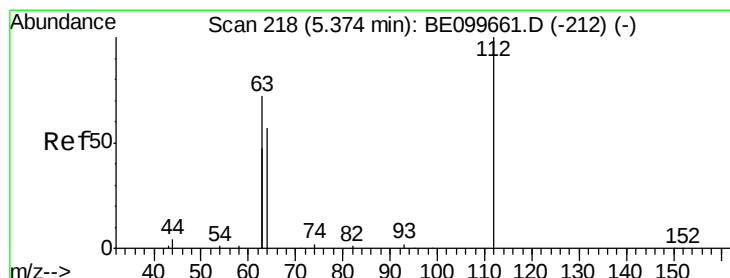
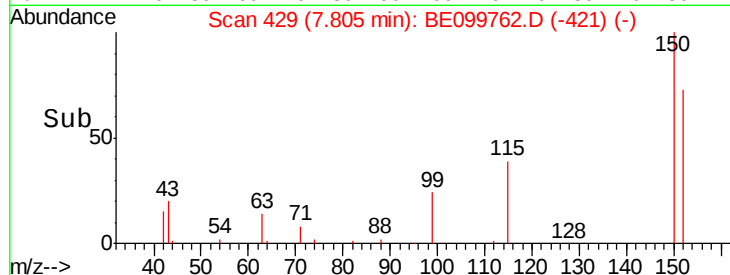
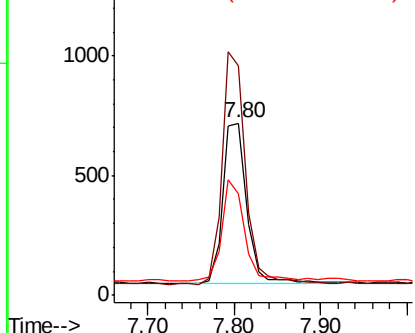
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099762.D
Acq: 28 May 2019 18:17

Instrument :
BNA_E
ClientSampled :
MW5-R1-1

Tot Ion:152 Resp: 1288
Ion Ratio Lower Upper
152 100
150 133.3 109.2 163.8
115 58.9 43.7 65.5



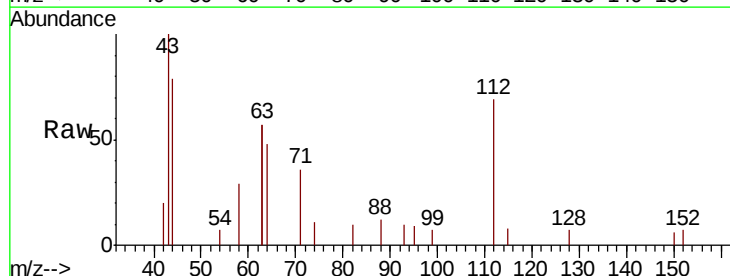
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



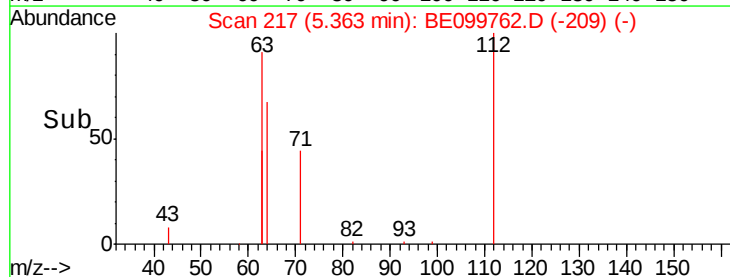
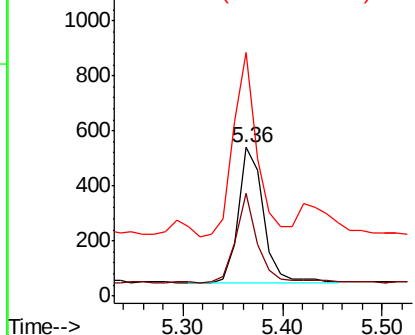
#4

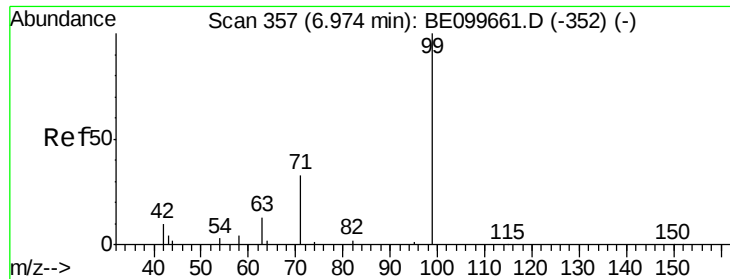
2-Fluorophenol
Concen: 0.265 ng
RT: 5.36 min Scan# 217
Delta R.T. -0.01 min
Lab File: BE099762.D
Acq: 28 May 2019 18:17

Tgt Ion:112 Resp: 862
Ion Ratio Lower Upper
112 100
64 58.8 43.4 65.2
63 125.6 96.9 145.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.179 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

Instrument :

BNA_E

ClientSampled :

MW5-R1-1

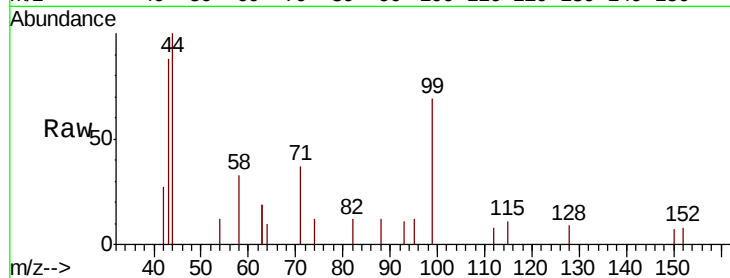
Tot Ion: 99 Resp: 771

Ion Ratio Lower Upper

99 100

42 20.4 12.2 18.2#

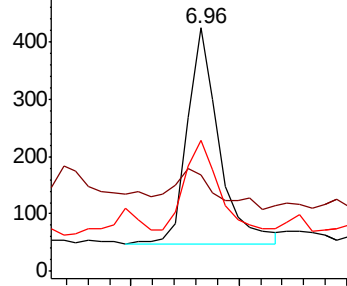
71 42.9 28.9 43.3



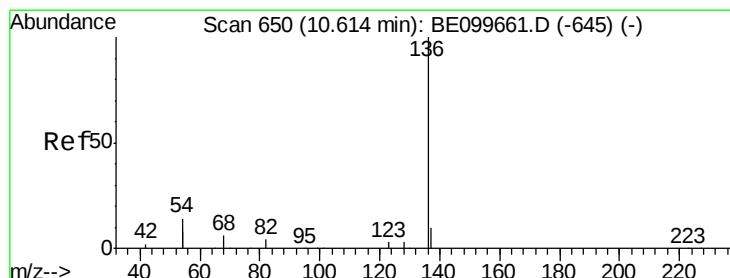
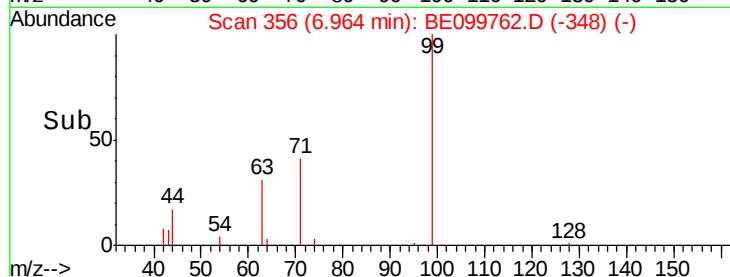
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

Tgt Ion: 136 Resp: 4703

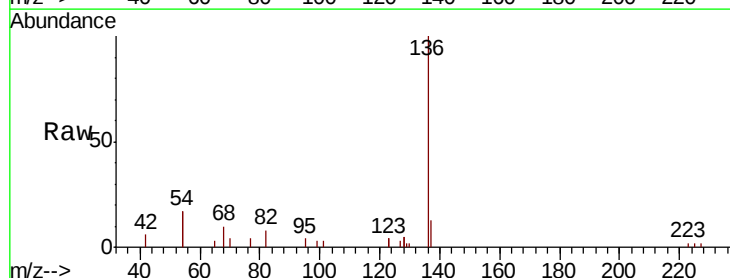
Ion Ratio Lower Upper

136 100

137 12.7 9.0 13.6

54 33.9 22.3 33.5#

68 9.7 6.0 9.0#

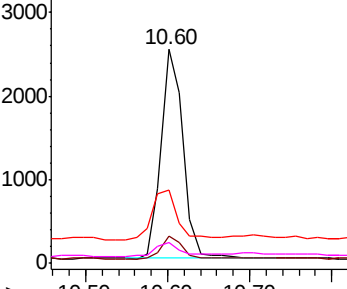


Abundance Ion 136.00 (135.70 to 136.70): E

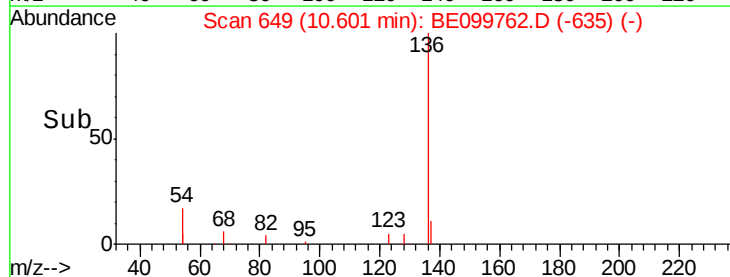
Ion 137.00 (136.70 to 137.70): E

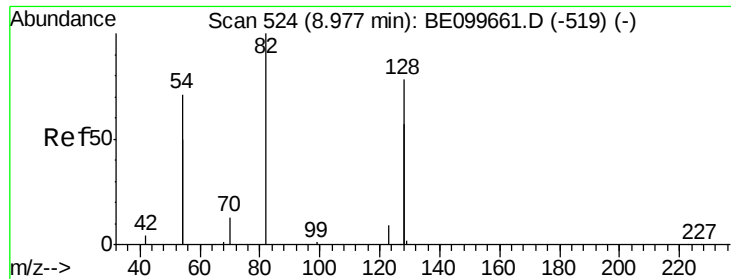
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.451 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

Instrument :

BNA_E

ClientSampleId :

MW5-R1-1

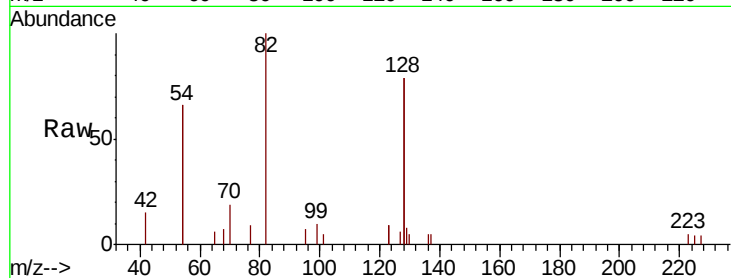
Tot Ion: 82 Resp: 1835

Ion Ratio Lower Upper

82 100

128 158.2 117.7 176.5

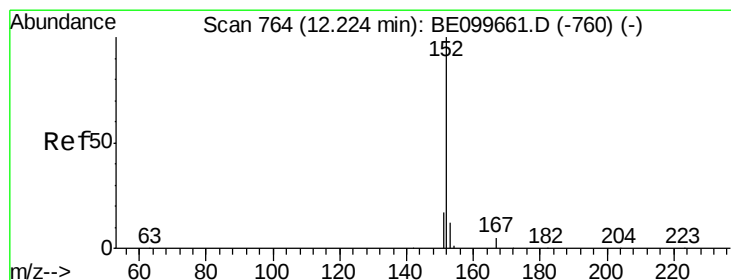
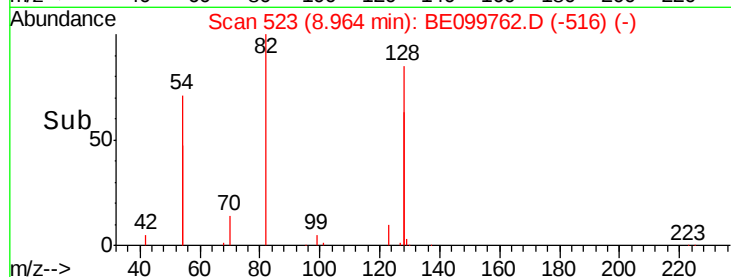
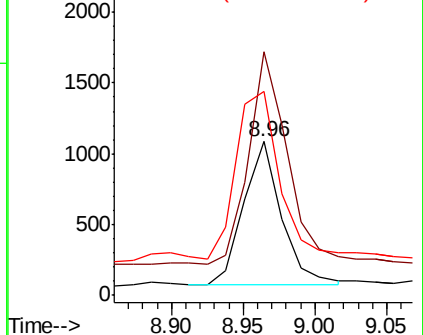
54 132.8 106.6 160.0



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.452 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099762.D

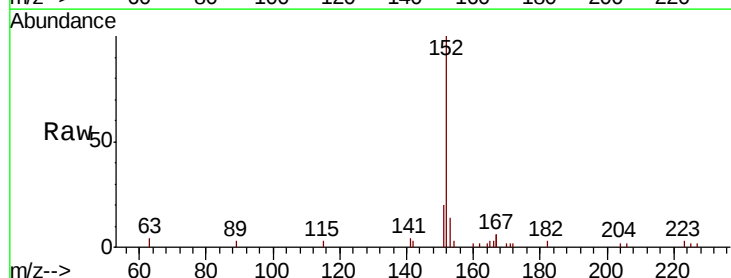
Acq: 28 May 2019 18:17

Tgt Ion: 152 Resp: 3668

Ion Ratio Lower Upper

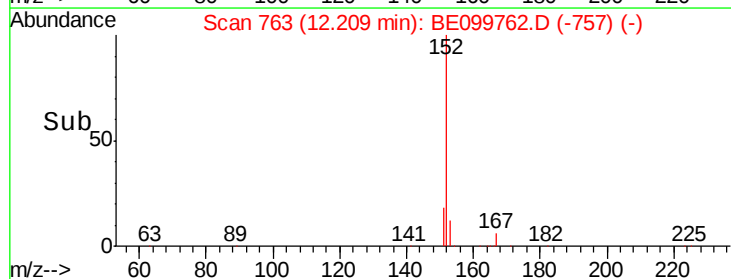
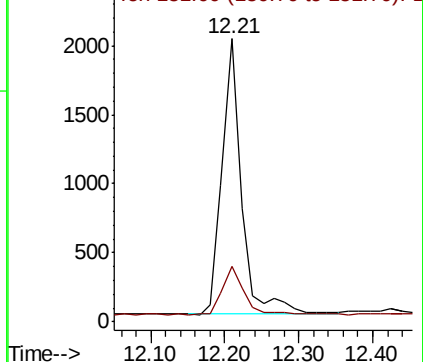
152 100

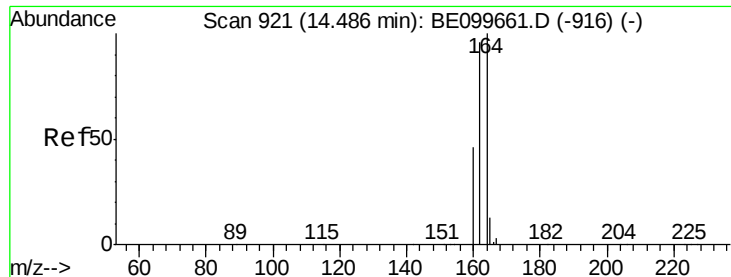
151 18.9 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

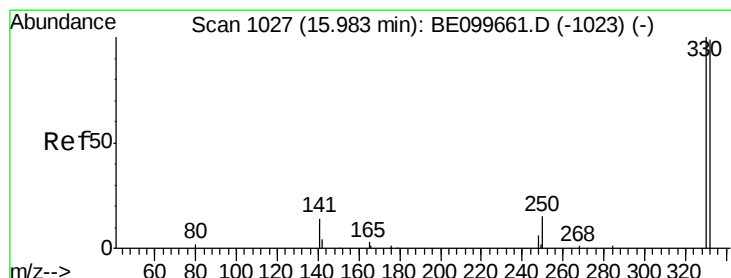
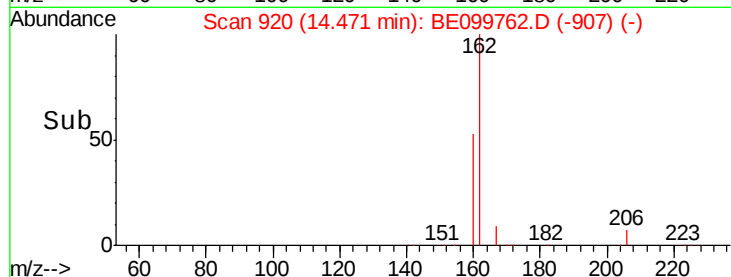
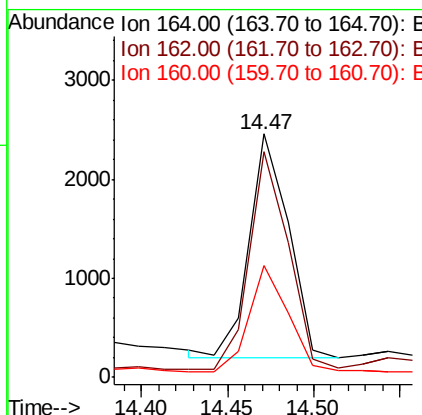
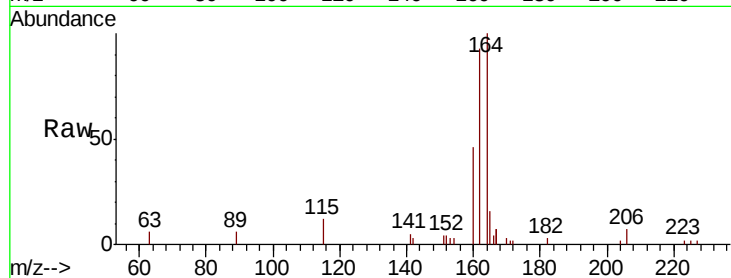




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.02 min
Lab File: BE099762.D
Acq: 28 May 2019 18:17

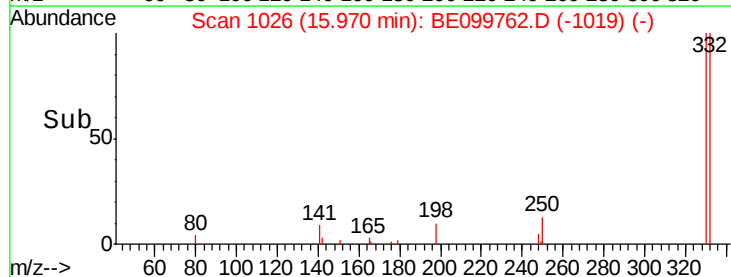
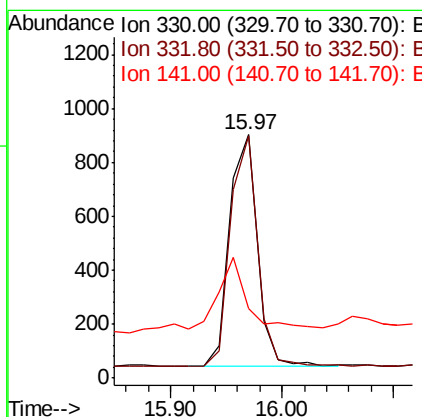
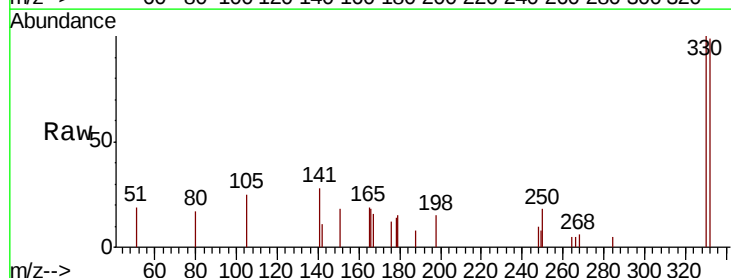
Instrument :
BNA_E
ClientSampleId :
MW5-R1-1

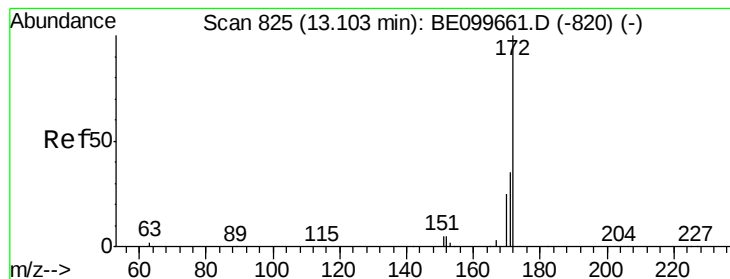
Tot Ion:164 Resp: 3591
Ion Ratio Lower Upper
164 100
162 92.7 76.5 114.7
160 46.0 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.663 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099762.D
Acq: 28 May 2019 18:17

Tgt Ion:330 Resp: 1489
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 29.3 18.9 28.3#





#15

2-Fluorobiphenyl

Concen: 0.535 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

Instrument :

BNA_E

ClientSampleId :

MW5-R1-1

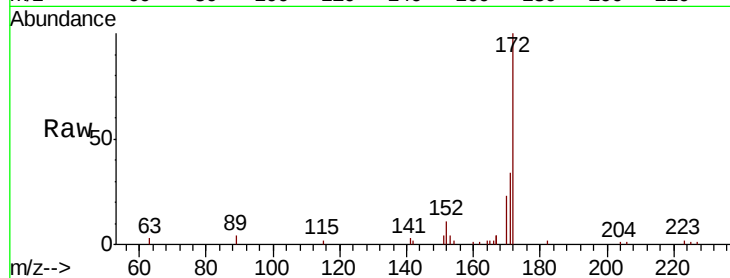
Tot Ion:172 Resp: 7290

Ion Ratio Lower Upper

172 100

171 33.7 28.7 43.1

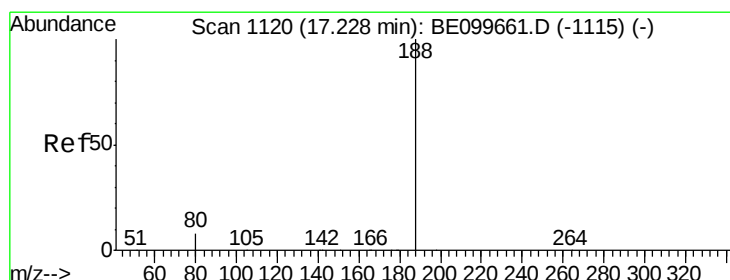
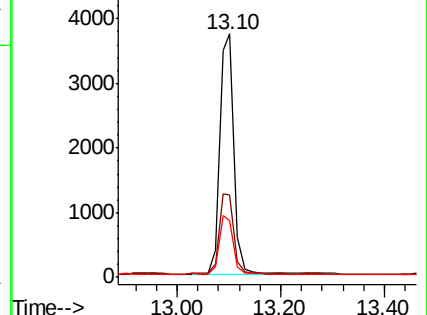
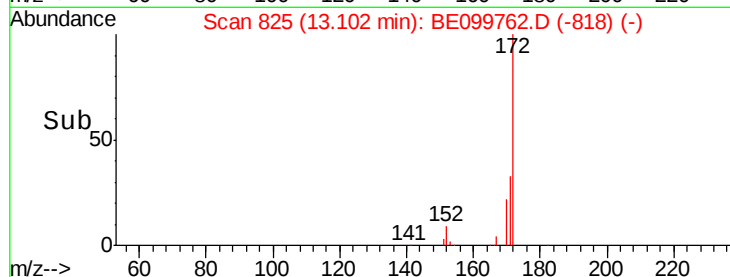
170 23.0 20.9 31.3



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. -0.01 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

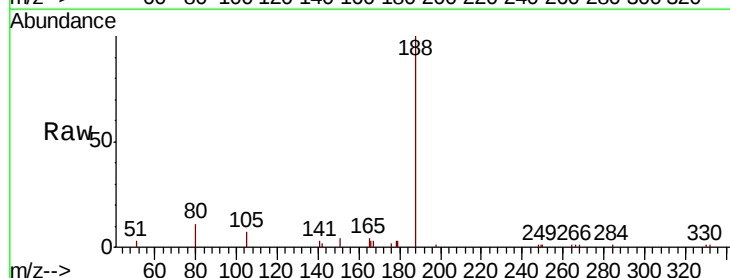
Tgt Ion:188 Resp: 11611

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

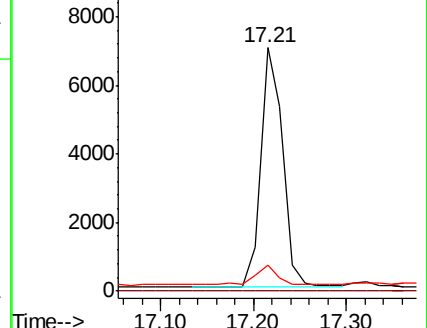
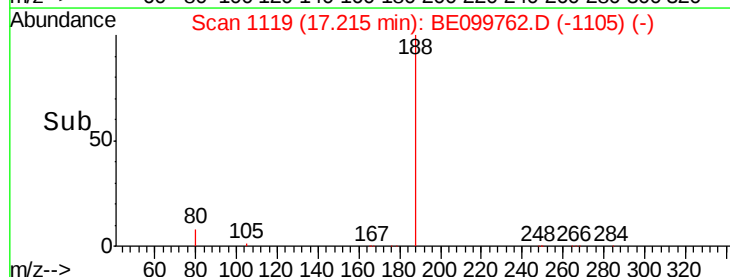
80 10.5 6.7 10.1#

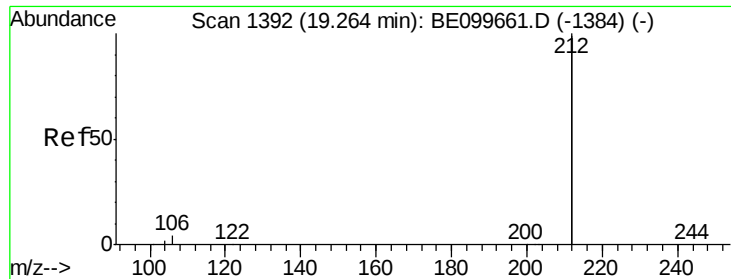


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.449 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

Instrument :

BNA_E

ClientSampleId :

MW5-R1-1

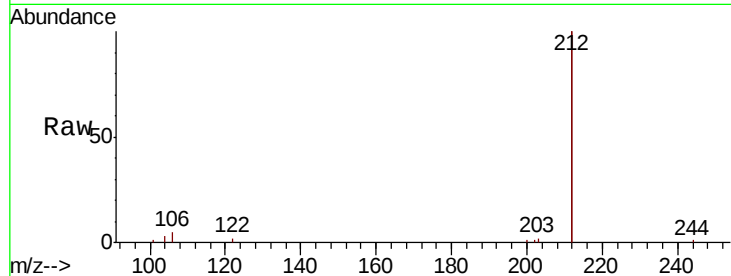
Tot Ion:212 Resp: 71303

Ion Ratio Lower Upper

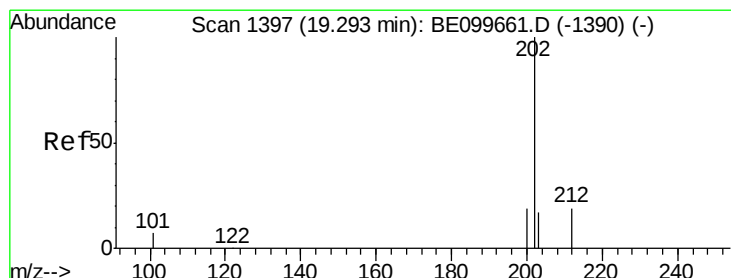
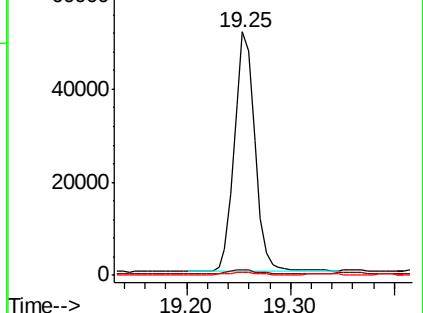
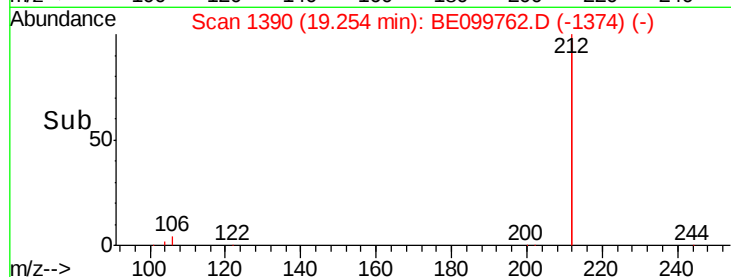
212 100

106 2.0 1.4 2.2

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



#26

Fluoranthene

Concen: 0.076 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

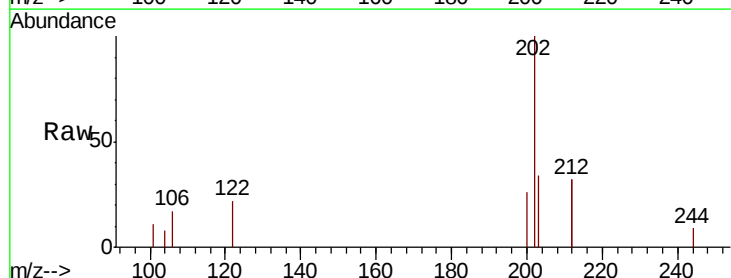
Tgt Ion:202 Resp: 3431

Ion Ratio Lower Upper

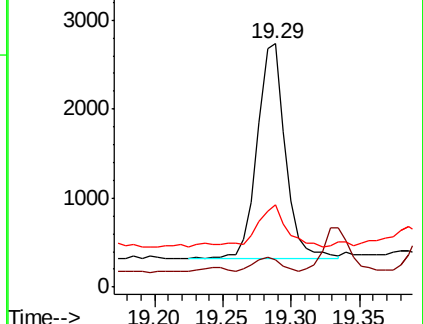
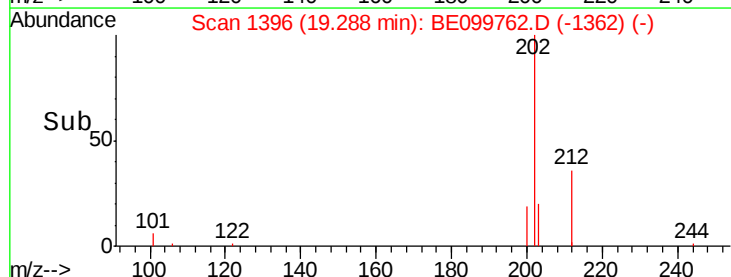
202 100

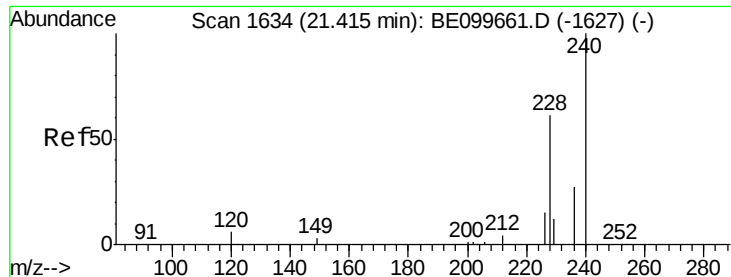
101 6.1 5.2 7.8

203 22.2 13.8 20.6#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

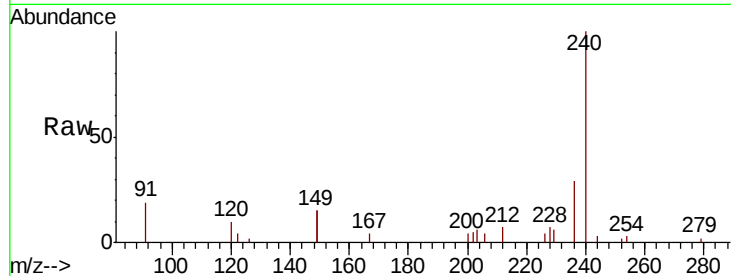




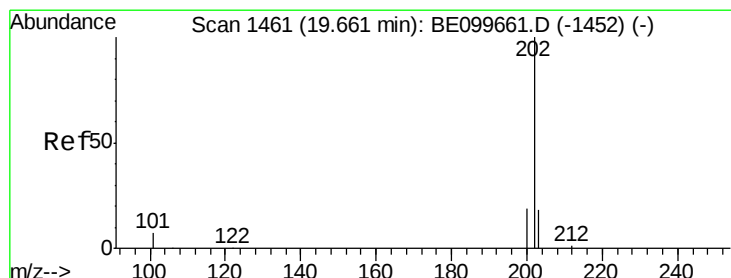
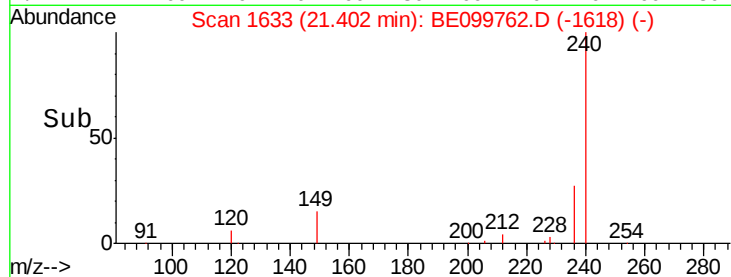
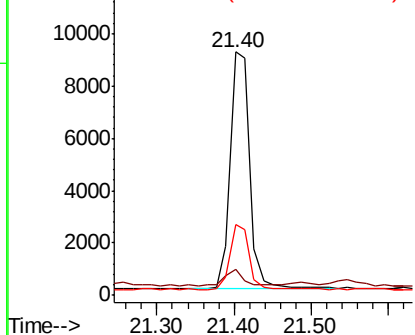
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099762.D
 Acq: 28 May 2019 18:17

Instrument :
 BNA_E
 ClientSampleId :
 MW5-R1-1

Tot Ion:240 Resp: 15896
 Ion Ratio Lower Upper
 240 100
 120 10.5 5.4 8.0#
 236 29.1 21.7 32.5

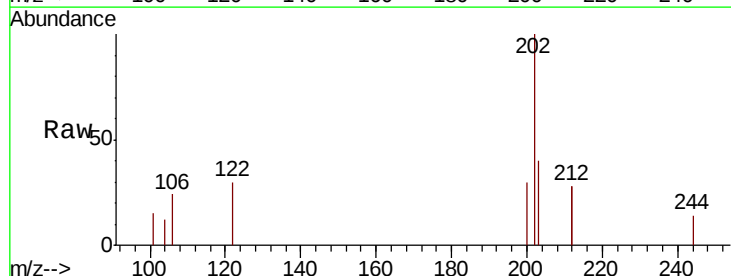


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

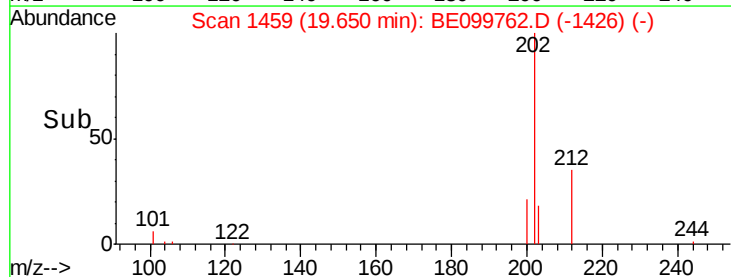
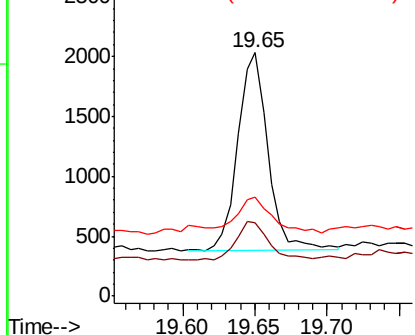


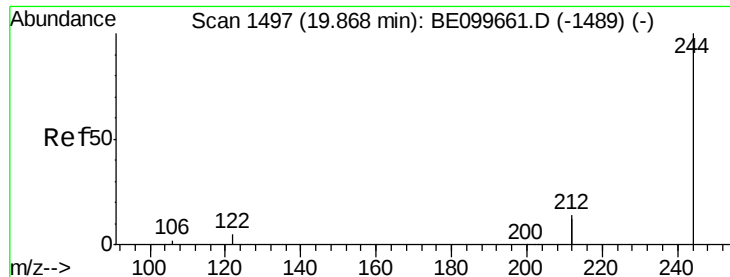
#28
 Pyrene
 Concen: 0.060 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BE099762.D
 Acq: 28 May 2019 18:17

Tgt Ion:202 Resp: 2408
 Ion Ratio Lower Upper
 202 100
 200 21.3 15.4 23.2
 203 21.4 13.8 20.8#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.923 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

Instrument :

BNA_E

ClientSampleId :

MW5-R1-1

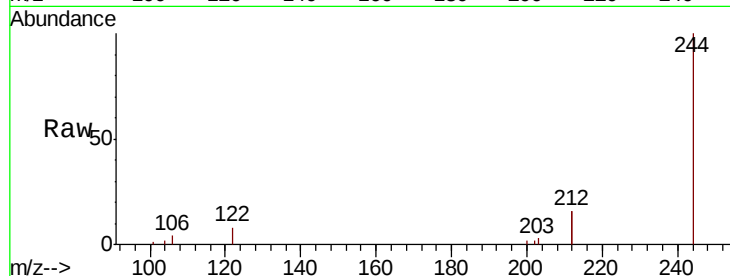
Tot Ion:244 Resp: 26197

Ion Ratio Lower Upper

244 100

212 31.8 22.5 33.7

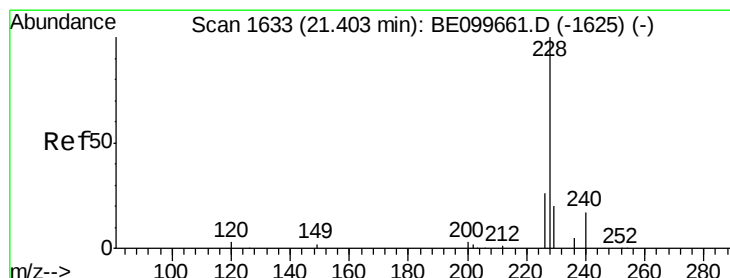
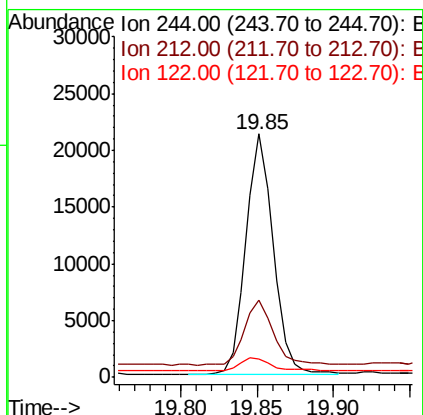
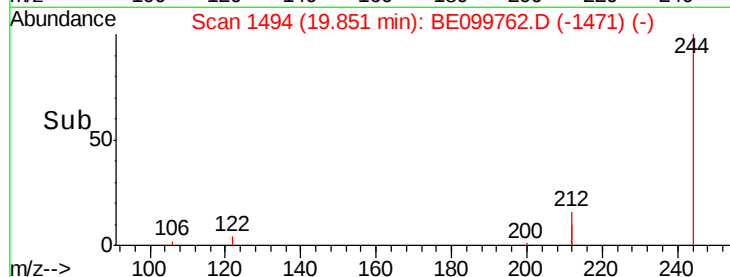
122 7.7 4.3 6.5#



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



#30

Benzo(a)anthracene

Concen: 0.025 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

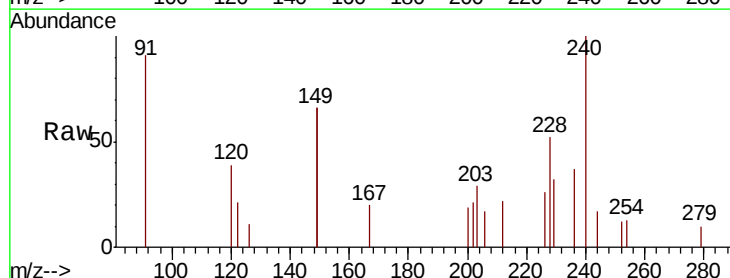
Tgt Ion:228 Resp: 1132

Ion Ratio Lower Upper

228 100

226 49.0 21.3 31.9#

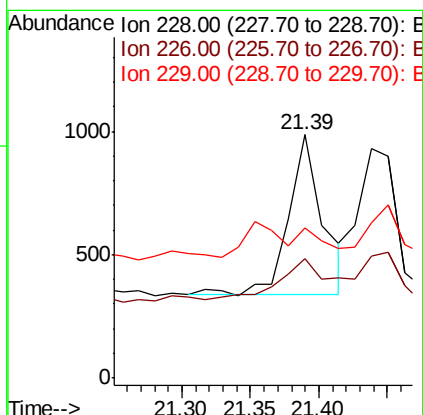
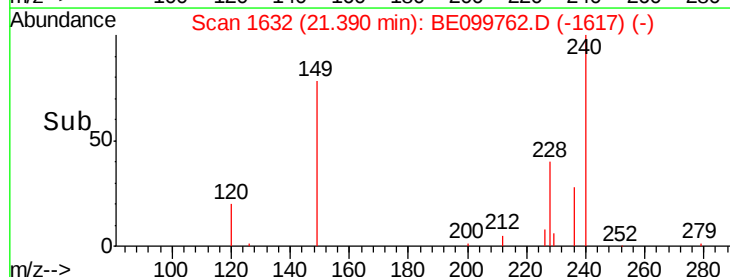
229 61.6 16.1 24.1#

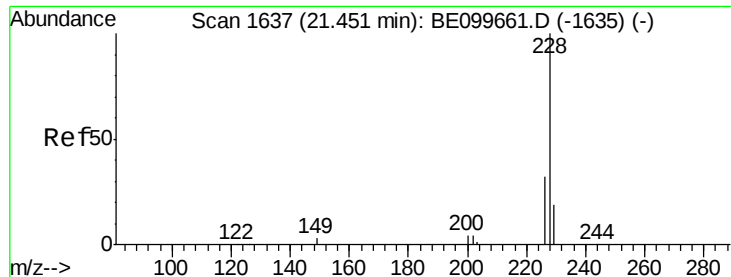


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.024 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

Instrument :

BNA_E

ClientSampled :

MW5-R1-1

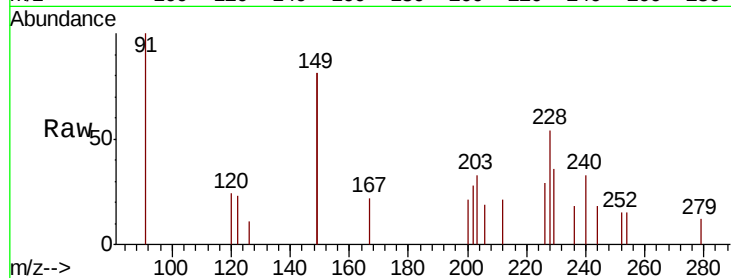
Tot Ion:228 Resp: 1143

Ion Ratio Lower Upper

228 100

226 53.0 24.7 37.1#

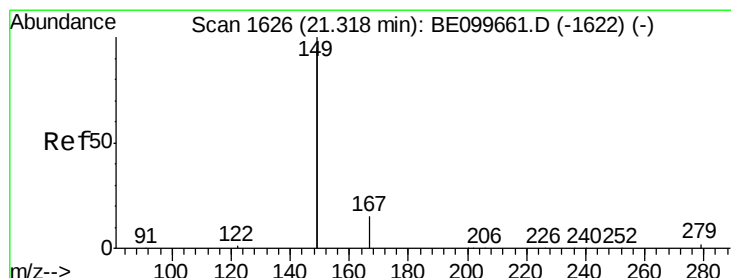
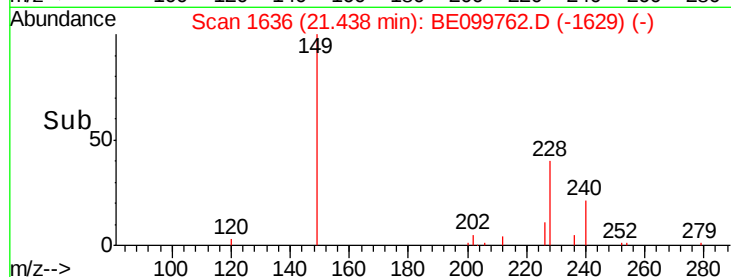
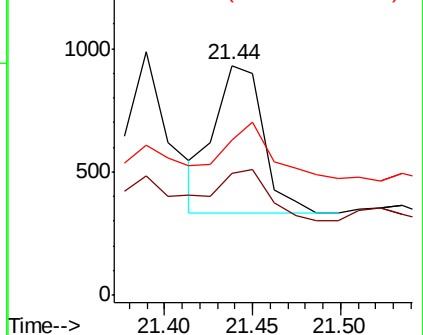
229 67.3 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.060 ng

RT: 21.30 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

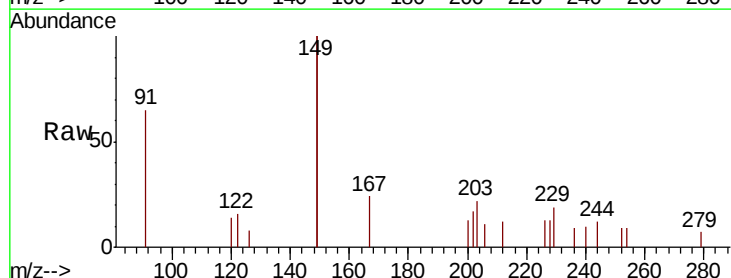
Tgt Ion:149 Resp: 3108

Ion Ratio Lower Upper

149 100

167 10.0 6.2 9.4#

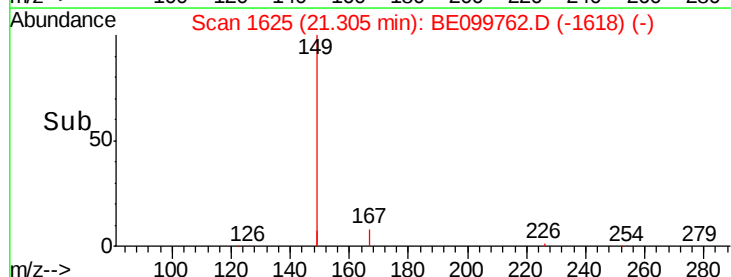
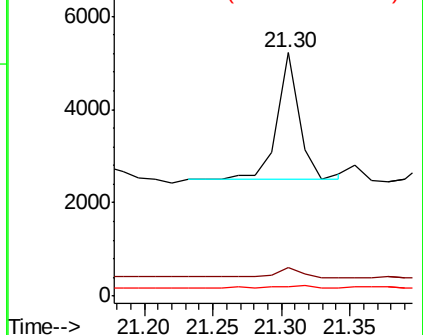
279 2.3 1.2 1.8#

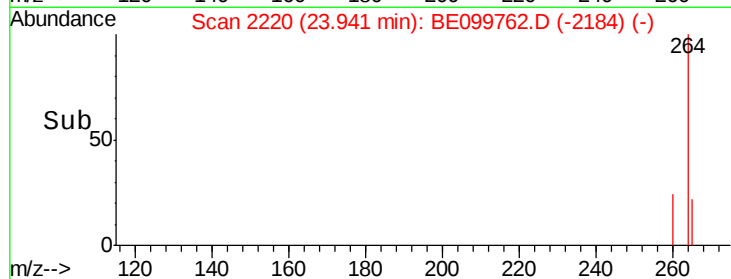
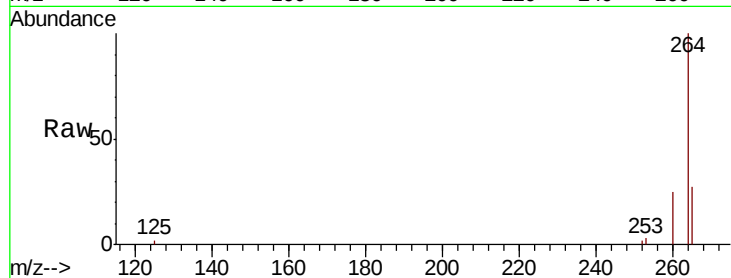
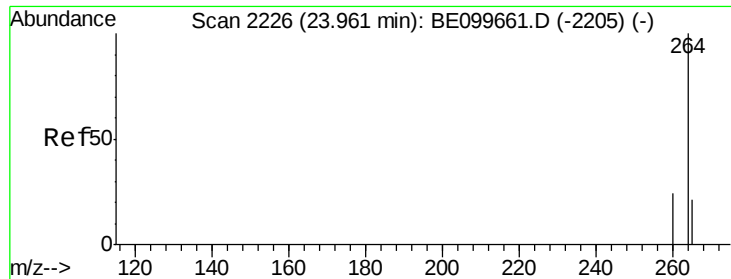


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.94 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BE099762.D

Acq: 28 May 2019 18:17

Instrument :

BNA_E

ClientSampleId :

MW5-R1-1

Tot Ion:264 Resp: 18076

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 26.7 19.1 28.7

