

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060719\
 Data File : BE099862.D
 Acq On : 7 Jun 2019 20:52
 Operator : JU/SJ
 Sample : K3221-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP02-20190605

Quant Time: Jun 08 04:33:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 15:25:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	840	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2854	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2195	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6606	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10255	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12060	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	395	0.14	ng	0.00
5) Phenol-d6	6.97	99	303	0.09	ng	0.01
8) Nitrobenzene-d5	8.98	82	1078	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1765	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	637	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2919	0.37	ng	0.00
25) Fluoranthene-d10	19.25	212	36659	0.36	ng	0.00
29) Terphenyl-d14	19.84	244	8194	0.43	ng	-0.01

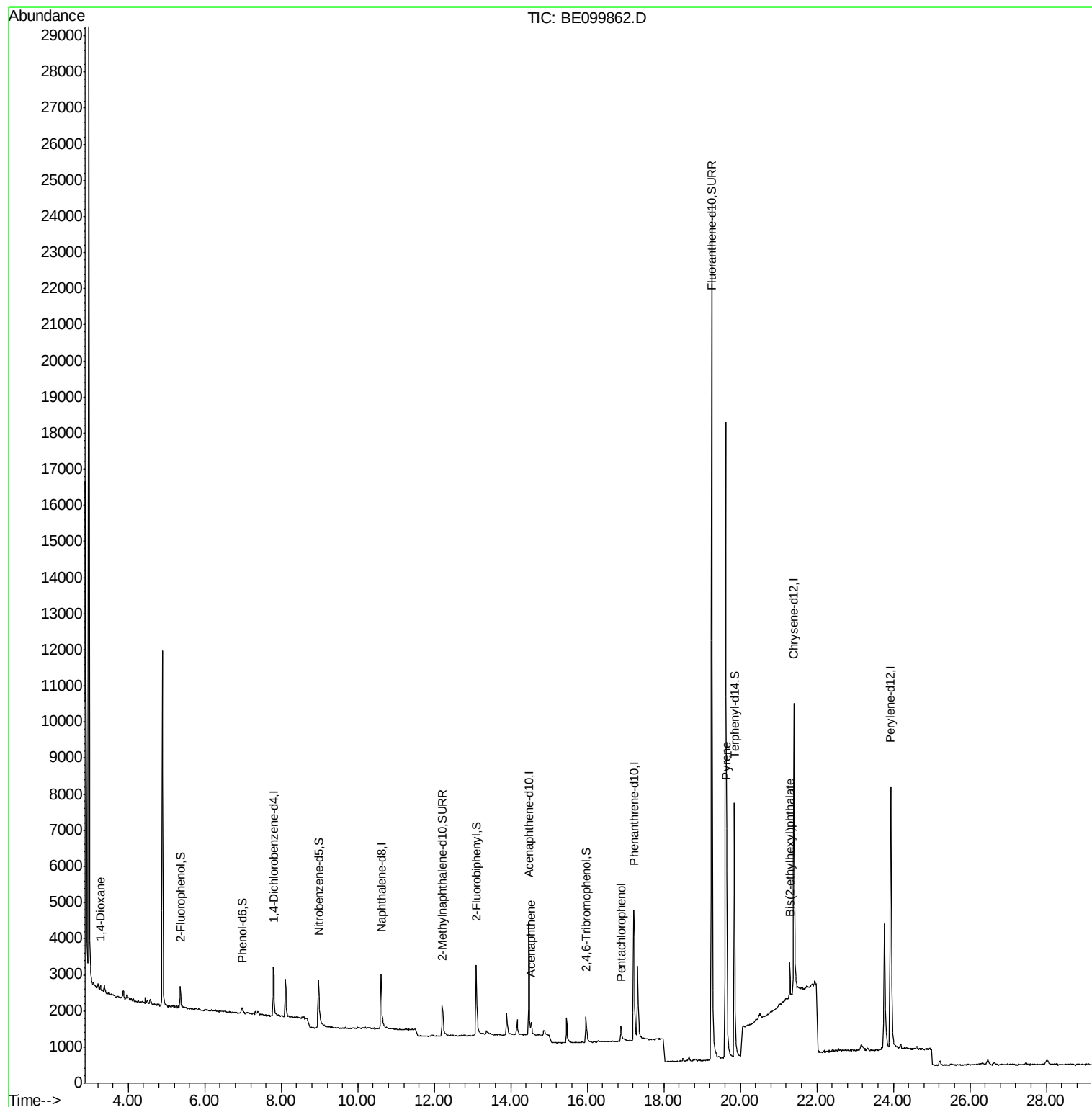
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	75	0.044	ng	# 1
17) Acenaphthene	14.53	154	202	0.034	ng	95
22) Pentachlorophenol	16.88	266	414	0.535	ng	89
28) Pyrene	19.64	202	5708	0.210	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	1231	0.023	ng	# 91

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

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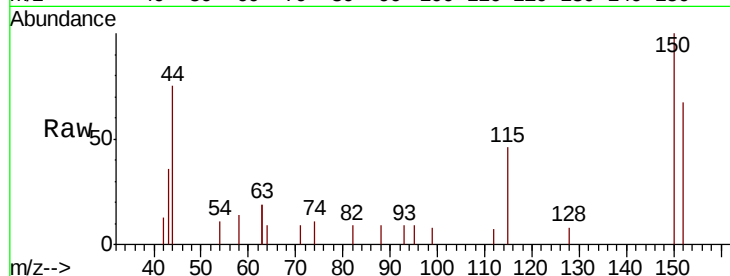


#1

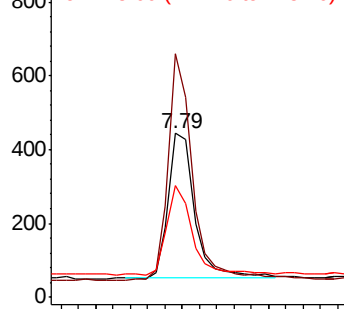
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099862.D
Acq: 7 Jun 2019 20:52

Instrument :
BNA_E
ClientSampleId :
BP-DUP02-20190605

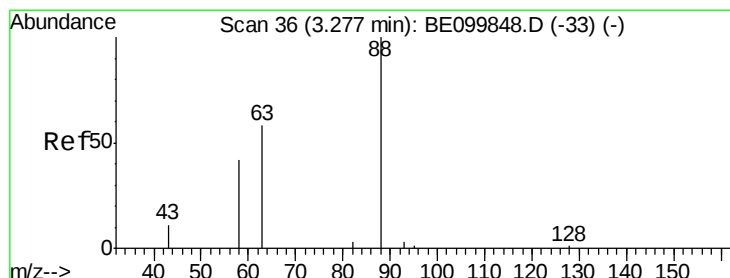
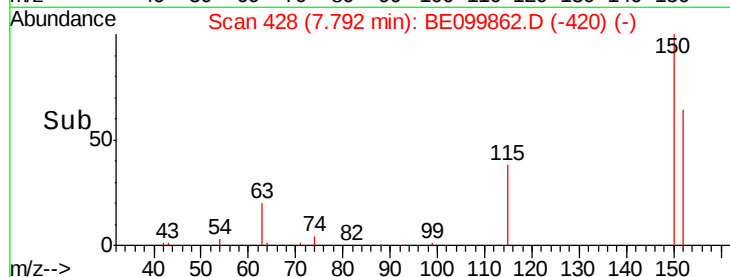
Tot Ion:152 Resp: 840
Ion Ratio Lower Upper
152 100
150 148.4 112.8 169.2
115 67.8 47.6 71.4



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



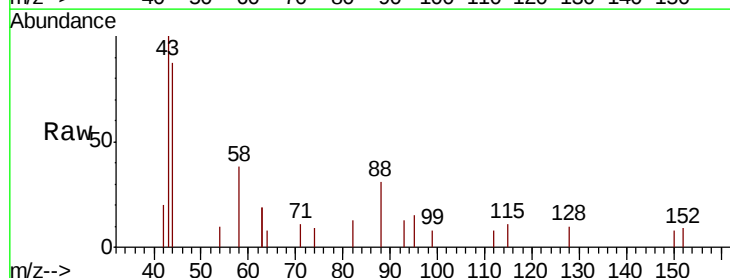
Time-->



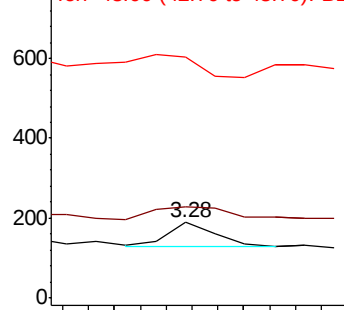
#2

1,4-Dioxane
Concen: 0.044 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099862.D
Acq: 7 Jun 2019 20:52

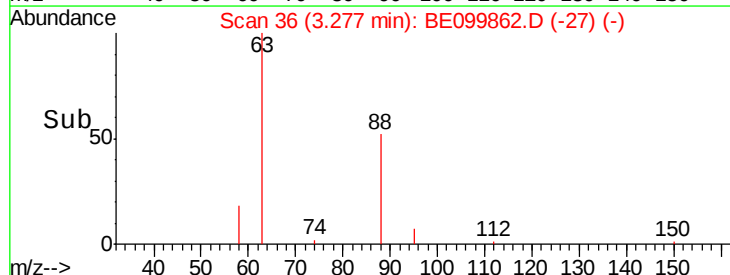
Tgt Ion: 88 Resp: 75
Ion Ratio Lower Upper
88 100
58 92.0 47.3 70.9#
43 141.3 18.2 27.4#

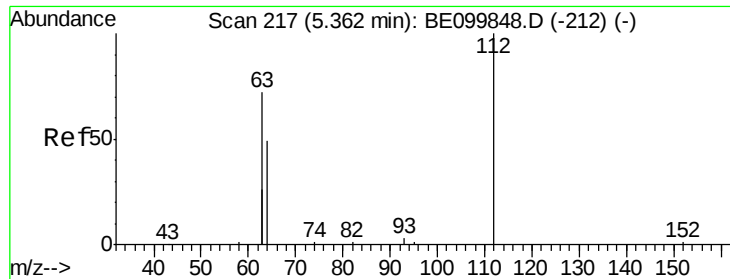


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.140 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

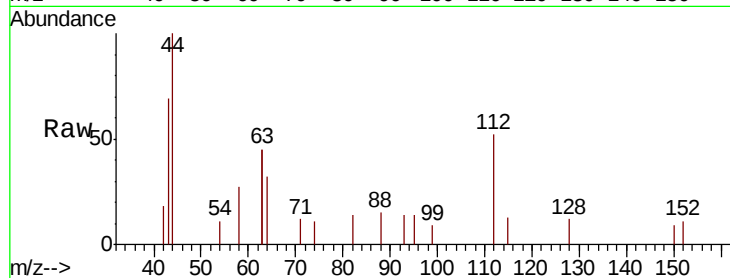
Tot Ion:112 Resp: 395

Ion Ratio Lower Upper

112 100

64 50.1 47.2 70.8

63 112.9 90.7 136.1



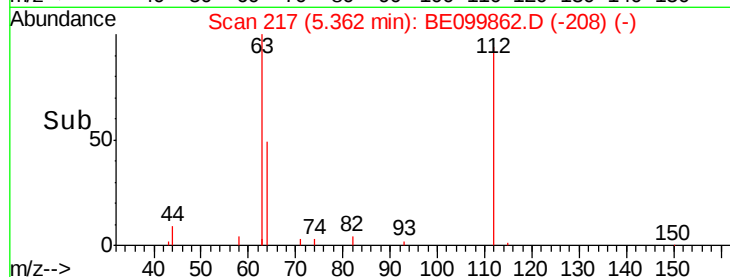
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

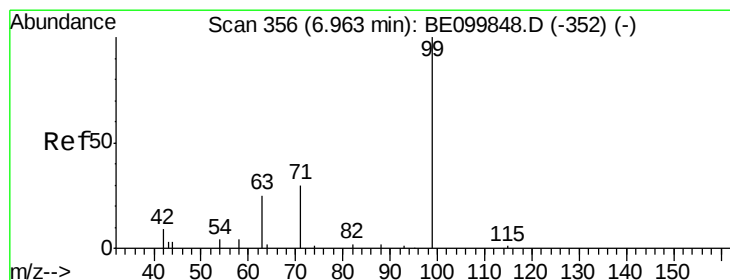
Ion 63.00 (62.70 to 63.70): BE0

5.36

Time-->



Time-->



#5

Phenol-d6

Concen: 0.087 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

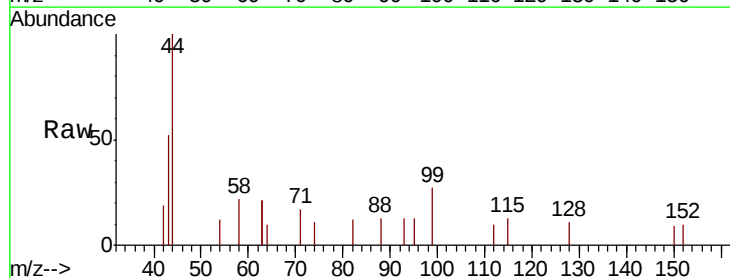
Tgt Ion: 99 Resp: 303

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

71 44.6 26.1 39.1#



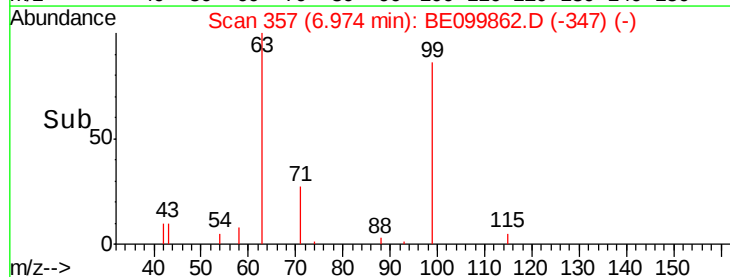
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

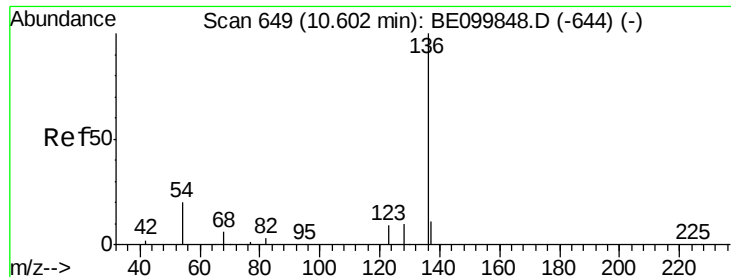
Ion 71.00 (70.70 to 71.70): BE0

6.97

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

Tot Ion:136 Resp: 2854

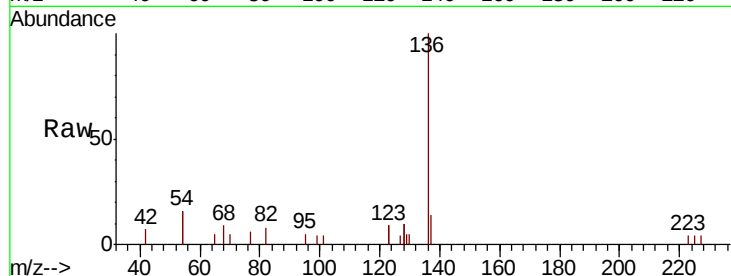
Ion Ratio Lower Upper

136 100

137 14.3 11.1 16.7

54 31.9 17.9 26.9#

68 9.1 5.4 8.0#

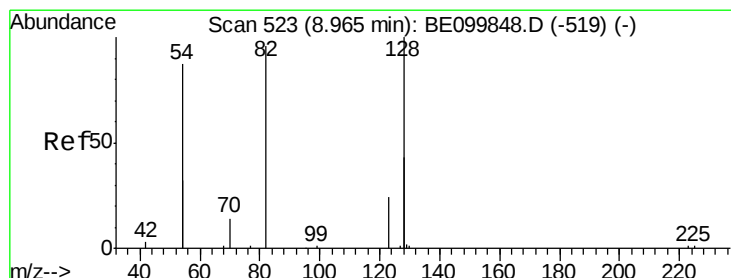
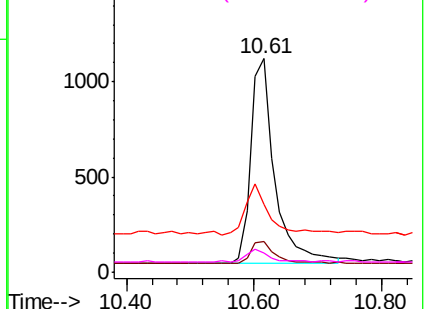
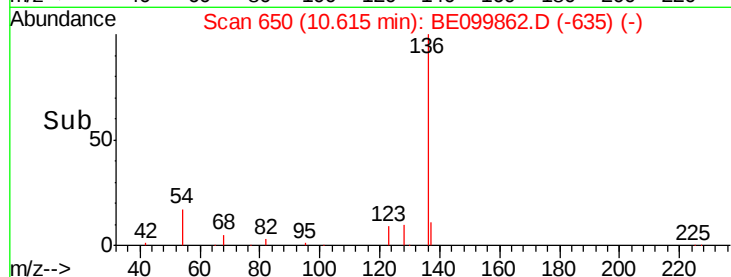


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.374 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

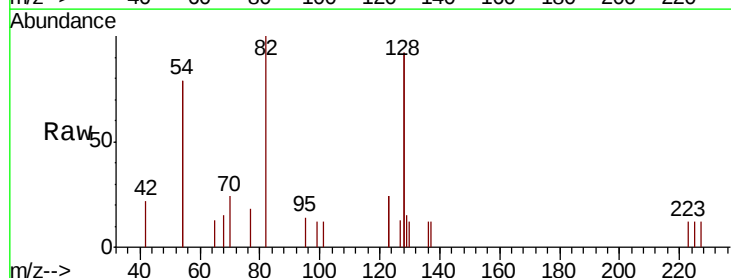
Tgt Ion: 82 Resp: 1078

Ion Ratio Lower Upper

82 100

128 183.2 116.6 175.0#

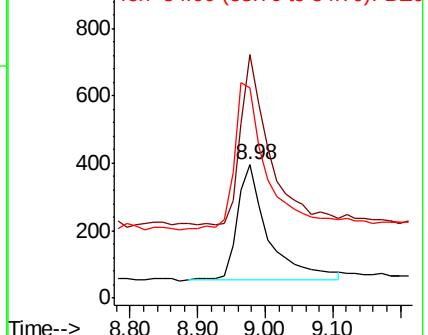
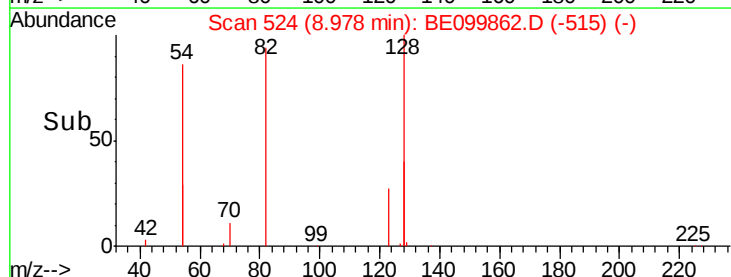
54 157.9 136.2 204.4

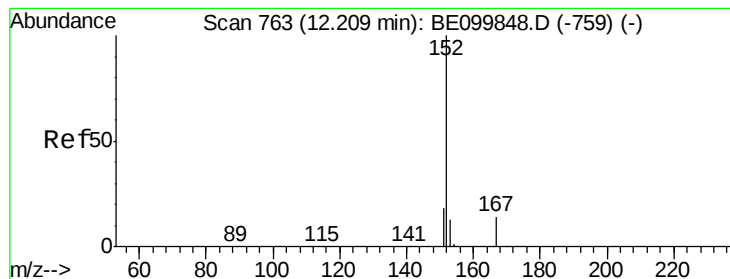


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.342 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

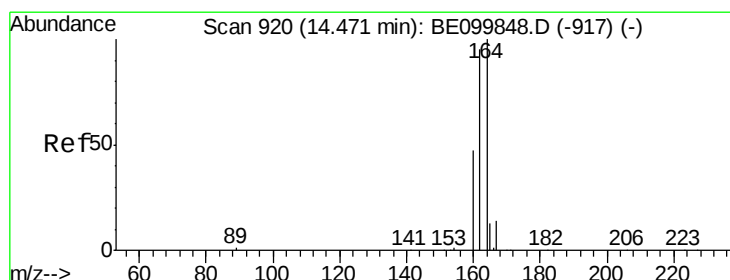
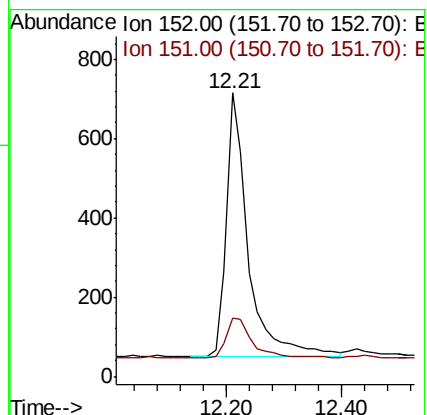
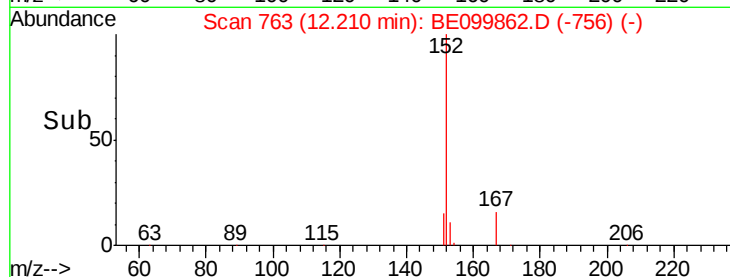
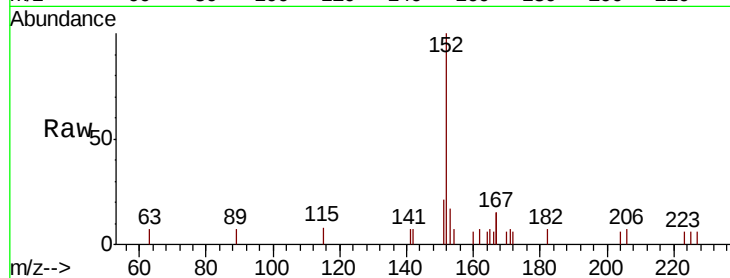
BP-DUP02-20190605

Tot Ion:152 Resp: 1765

Ion Ratio Lower Upper

152 100

151 18.5 15.8 23.8



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

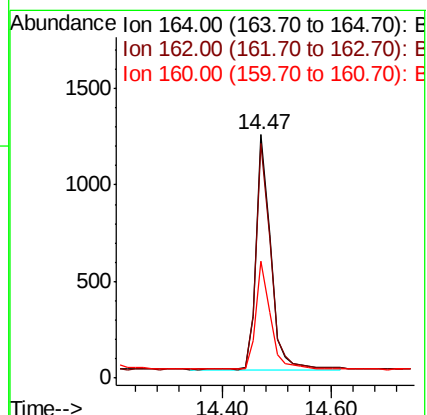
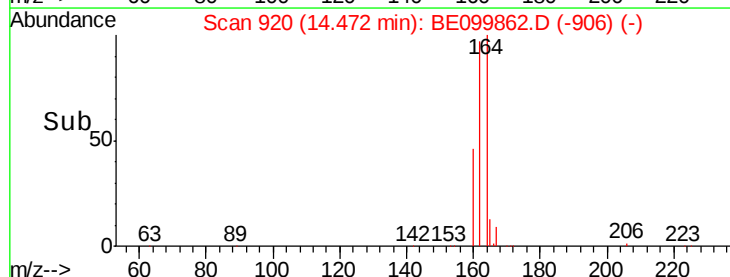
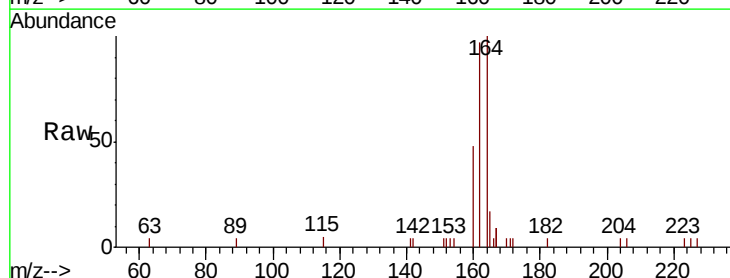
Tgt Ion:164 Resp: 2195

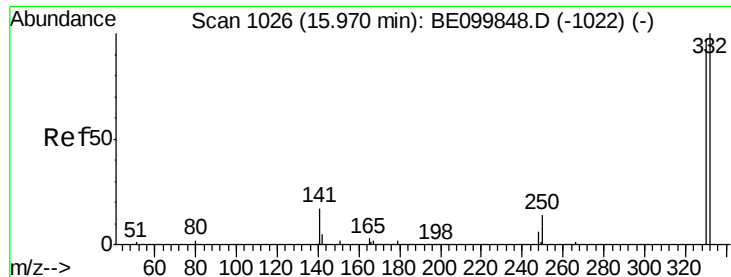
Ion Ratio Lower Upper

164 100

162 96.6 77.2 115.8

160 47.9 39.4 59.2

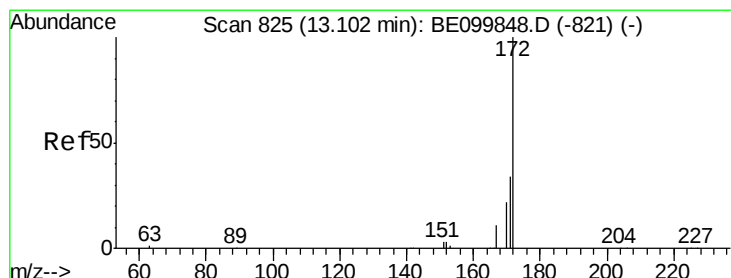
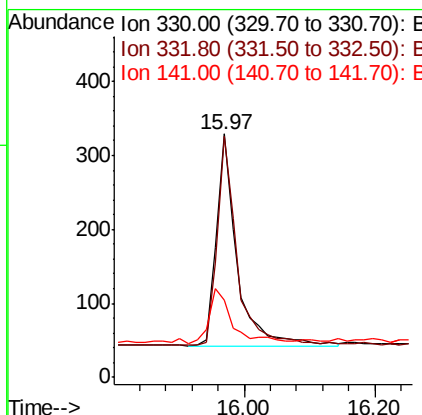
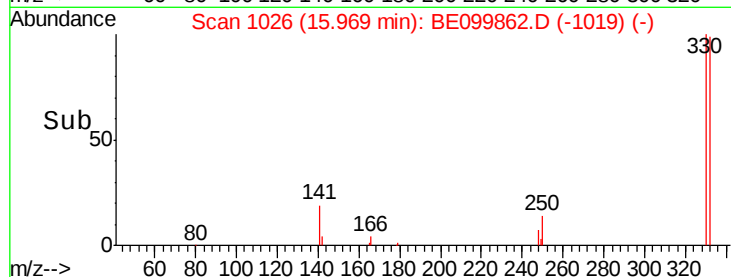
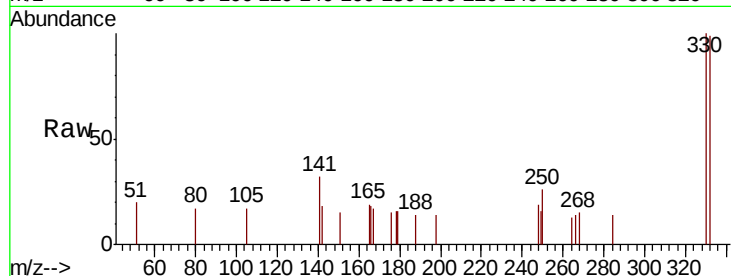




#14
 2,4,6-Tribromophenol
 Concen: 0.293 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099862.D
 Acq: 7 Jun 2019 20:52

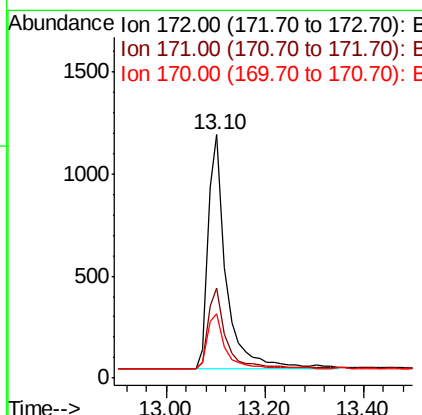
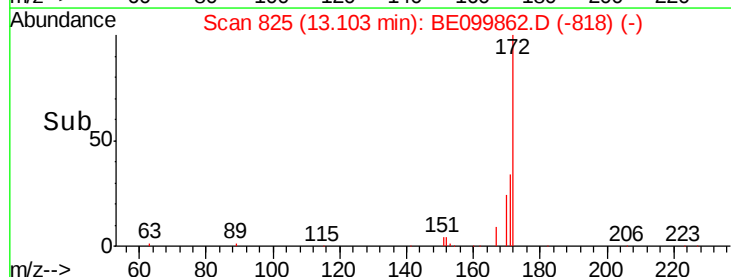
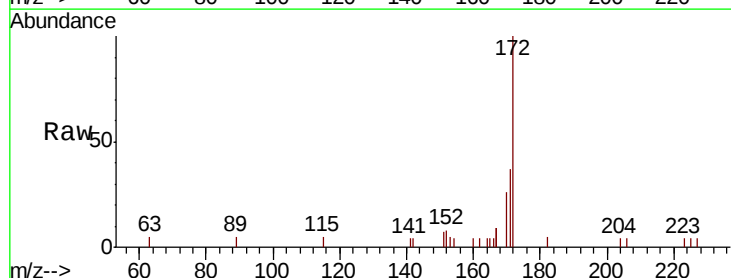
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP02-20190605

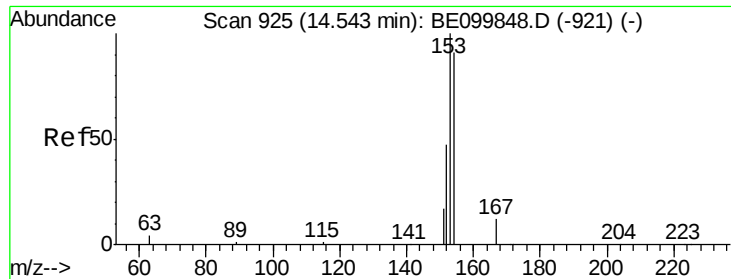
Tot Ion:330 Resp: 637
 Ion Ratio Lower Upper
 330 100
 332 95.0 74.9 112.3
 141 27.9 16.0 24.0#



#15
 2-Fluorobiphenyl
 Concen: 0.368 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099862.D
 Acq: 7 Jun 2019 20:52

Tgt Ion:172 Resp: 2919
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.2 45.4
 170 26.5 20.1 30.1

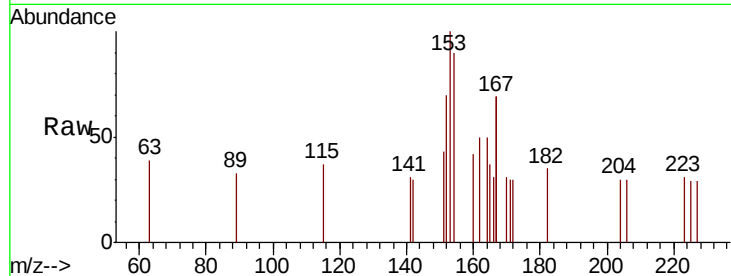




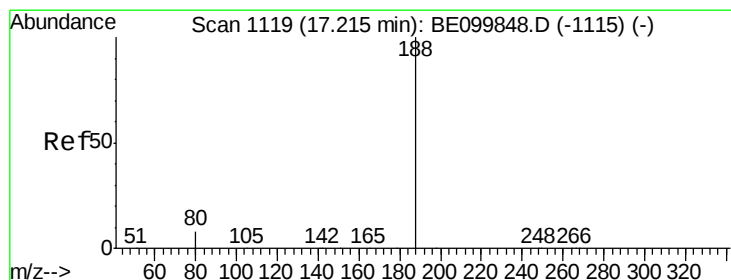
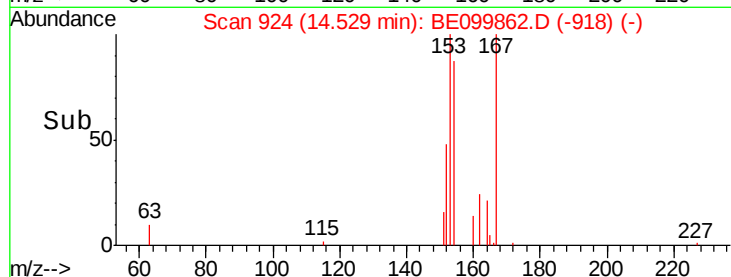
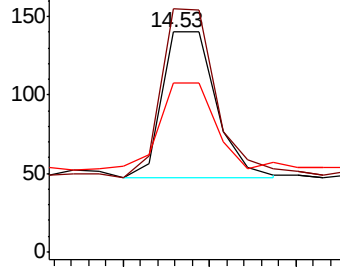
#17
Acenaphthene
Concen: 0.034 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099862.D
Acq: 7 Jun 2019 20:52

Instrument :
BNA_E
ClientSampleId :
BP-DUP02-20190605

Tot Ion:154 Resp: 202
Ion Ratio Lower Upper
154 100
153 109.4 93.8 140.6
152 61.9 48.3 72.5

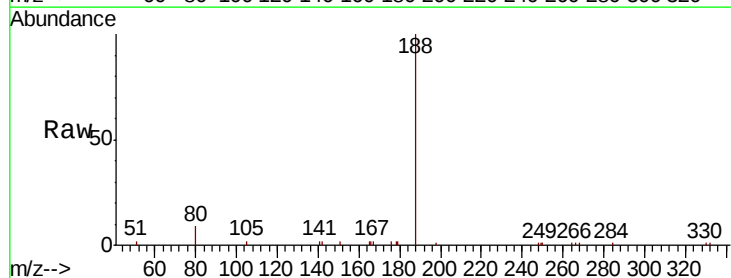


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

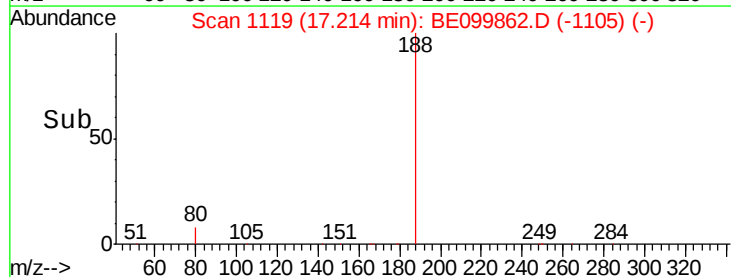
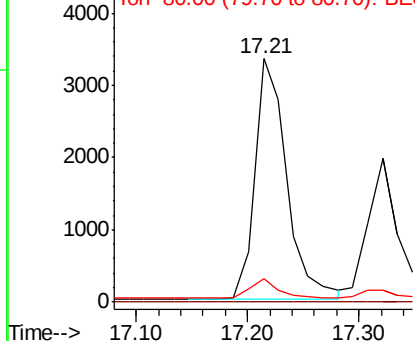


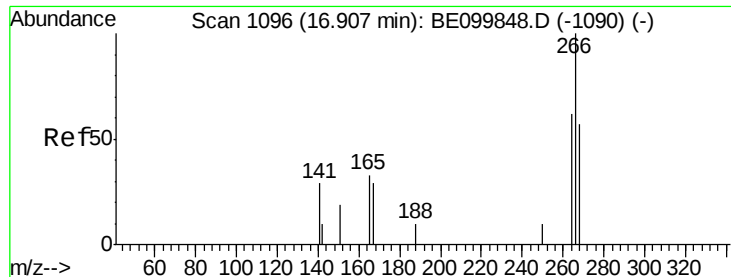
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BE099862.D
Acq: 7 Jun 2019 20:52

Tgt Ion:188 Resp: 6606
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 5.2 7.8#



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





#22

Pentachlorophenol

Concen: 0.535 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.04 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

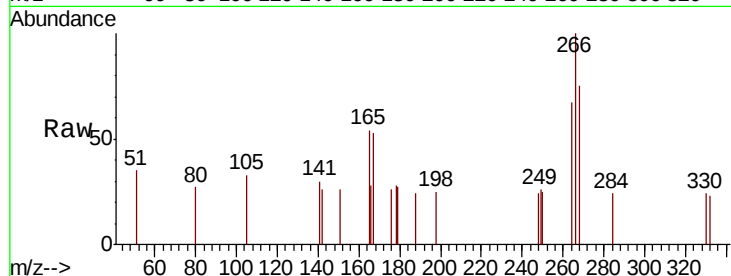
Tot Ion:266 Resp: 414

Ion Ratio Lower Upper

266 100

264 67.2 64.9 97.3

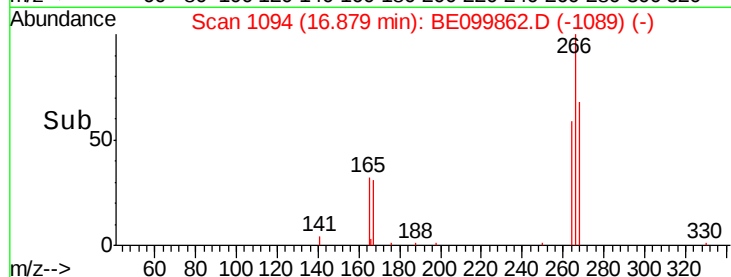
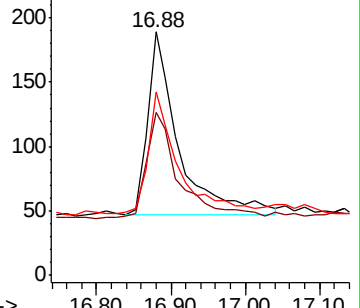
268 75.1 64.0 96.0



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

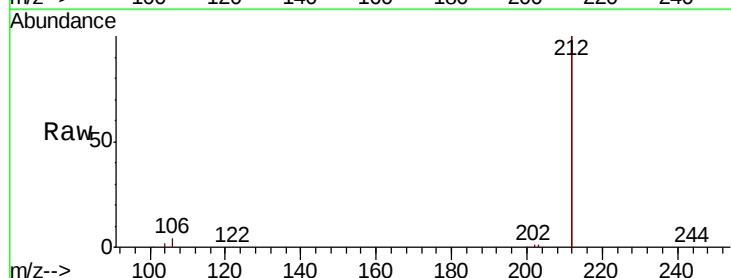
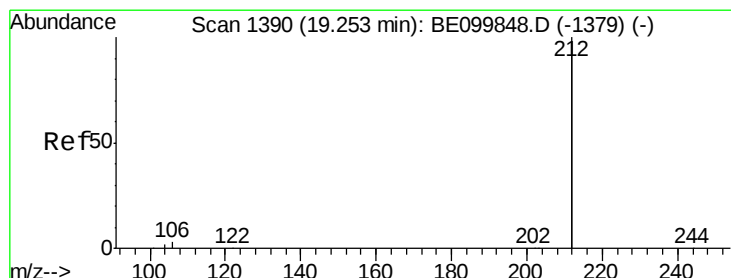
Tgt Ion:212 Resp: 36659

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

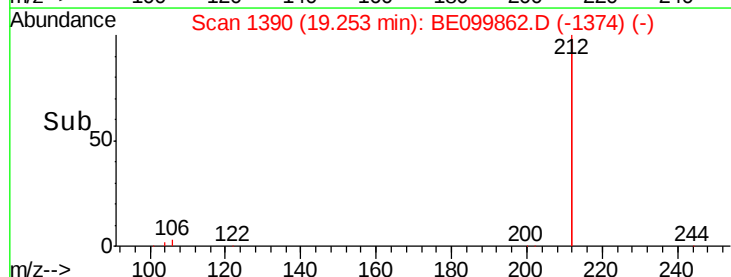
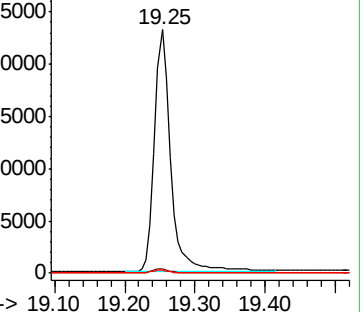
104 1.0 0.8 1.2

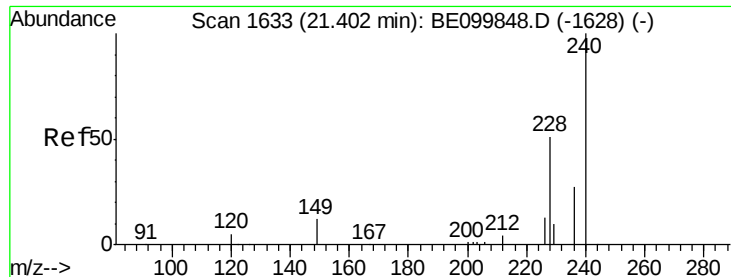


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

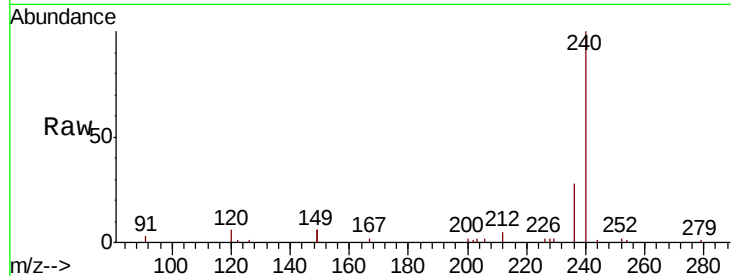




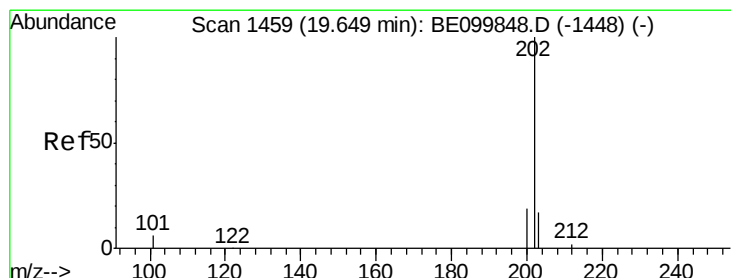
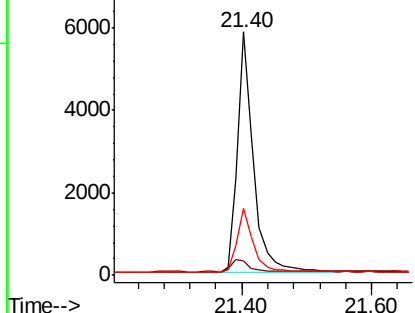
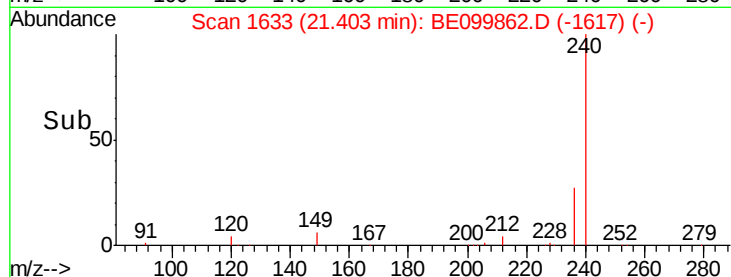
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099862.D
 Acq: 7 Jun 2019 20:52

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP02-20190605

Tot Ion:240 Resp: 10255
 Ion Ratio Lower Upper
 240 100
 120 5.8 2.8 4.2#
 236 27.8 20.9 31.3

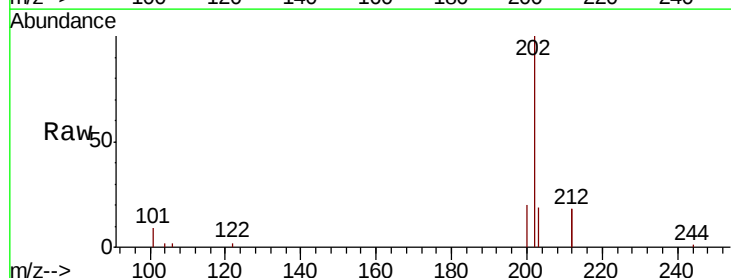


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

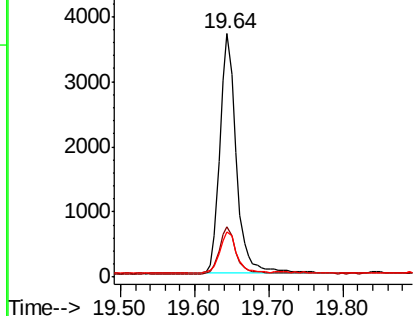
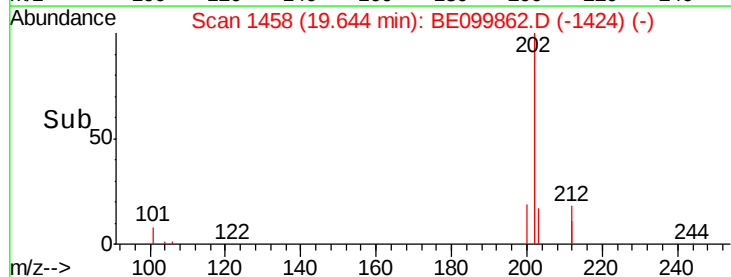


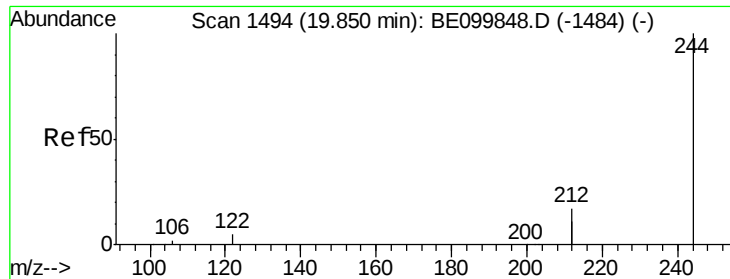
#28
 Pyrene
 Concen: 0.210 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BE099862.D
 Acq: 7 Jun 2019 20:52

Tgt Ion:202 Resp: 5708
 Ion Ratio Lower Upper
 202 100
 200 19.9 15.6 23.4
 203 17.6 14.1 21.1



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: 0.429 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

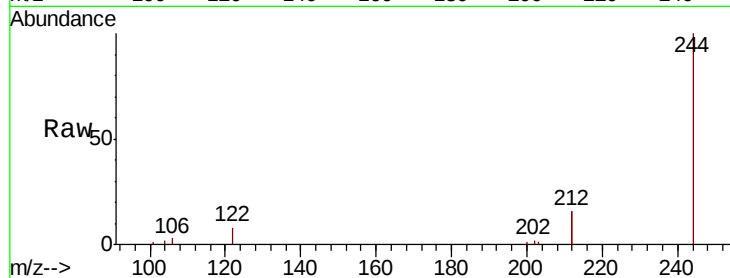
Tot Ion:244 Resp: 8194

Ion Ratio Lower Upper

244 100

212 31.7 23.7 35.5

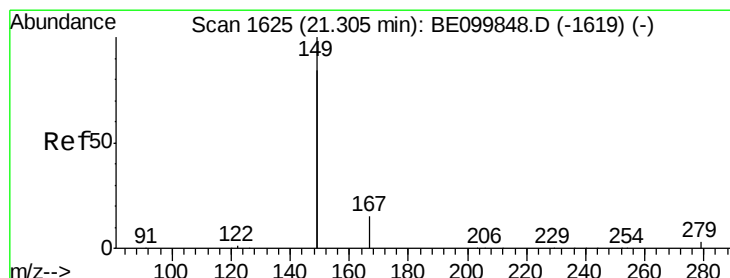
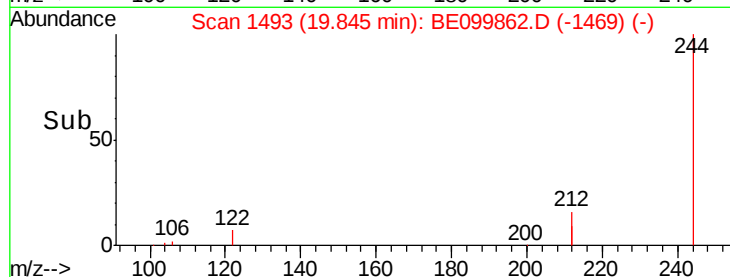
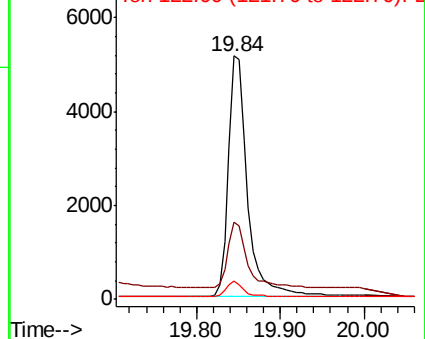
122 7.7 4.8 7.2#



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: 0.023 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

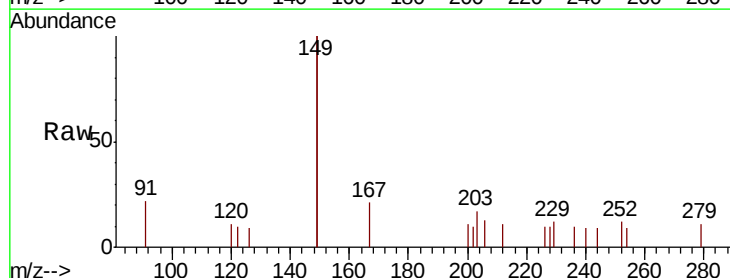
Tgt Ion:149 Resp: 1231

Ion Ratio Lower Upper

149 100

167 11.3 6.0 9.0#

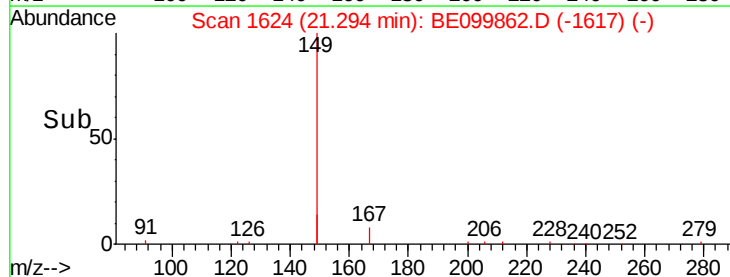
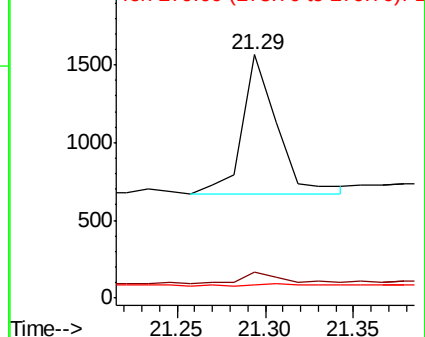
279 2.3 1.2 1.8#

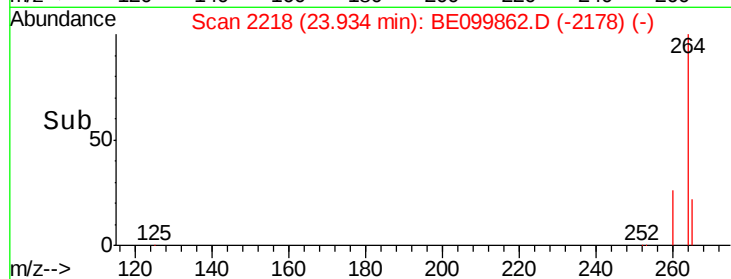
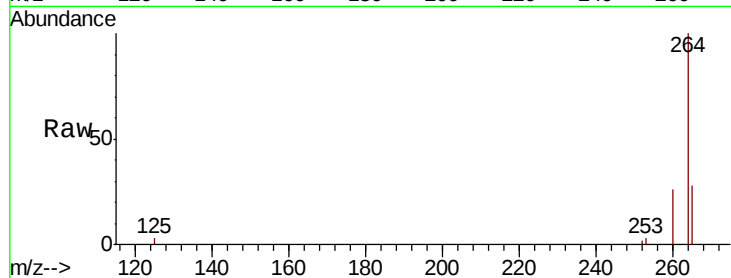
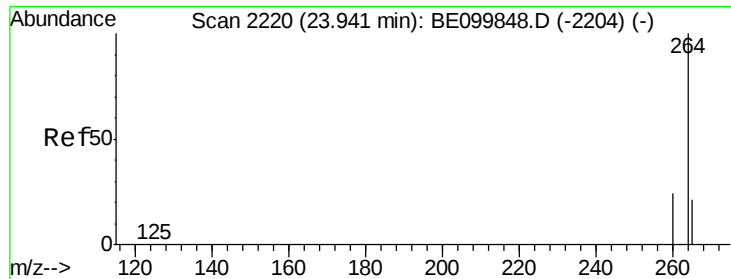


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.93 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BE099862.D

Acq: 7 Jun 2019 20:52

Instrument :

BNA_E

ClientSampleId :

BP-DUP02-20190605

Tot Ion:264 Resp: 12060

Ion Ratio Lower Upper

264 100

260 25.9 20.0 30.0

265 28.2 20.7 31.1

