

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099867.D
 Acq On : 7 Jun 2019 23:54
 Operator : JU/SJ
 Sample : K3249-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20190606

Quant Time: Jun 08 04:34:41 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	711	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	2346	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	1599	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5170	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10114	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12180	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	299	0.13	ng	0.00
5) Phenol-d6	6.96	99	253	0.09	ng	0.00
8) Nitrobenzene-d5	8.98	82	1014	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1439	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	465	0.29	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2875	0.50	ng	0.00
25) Fluoranthene-d10	19.25	212	32991	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	9678	0.51	ng	-0.01

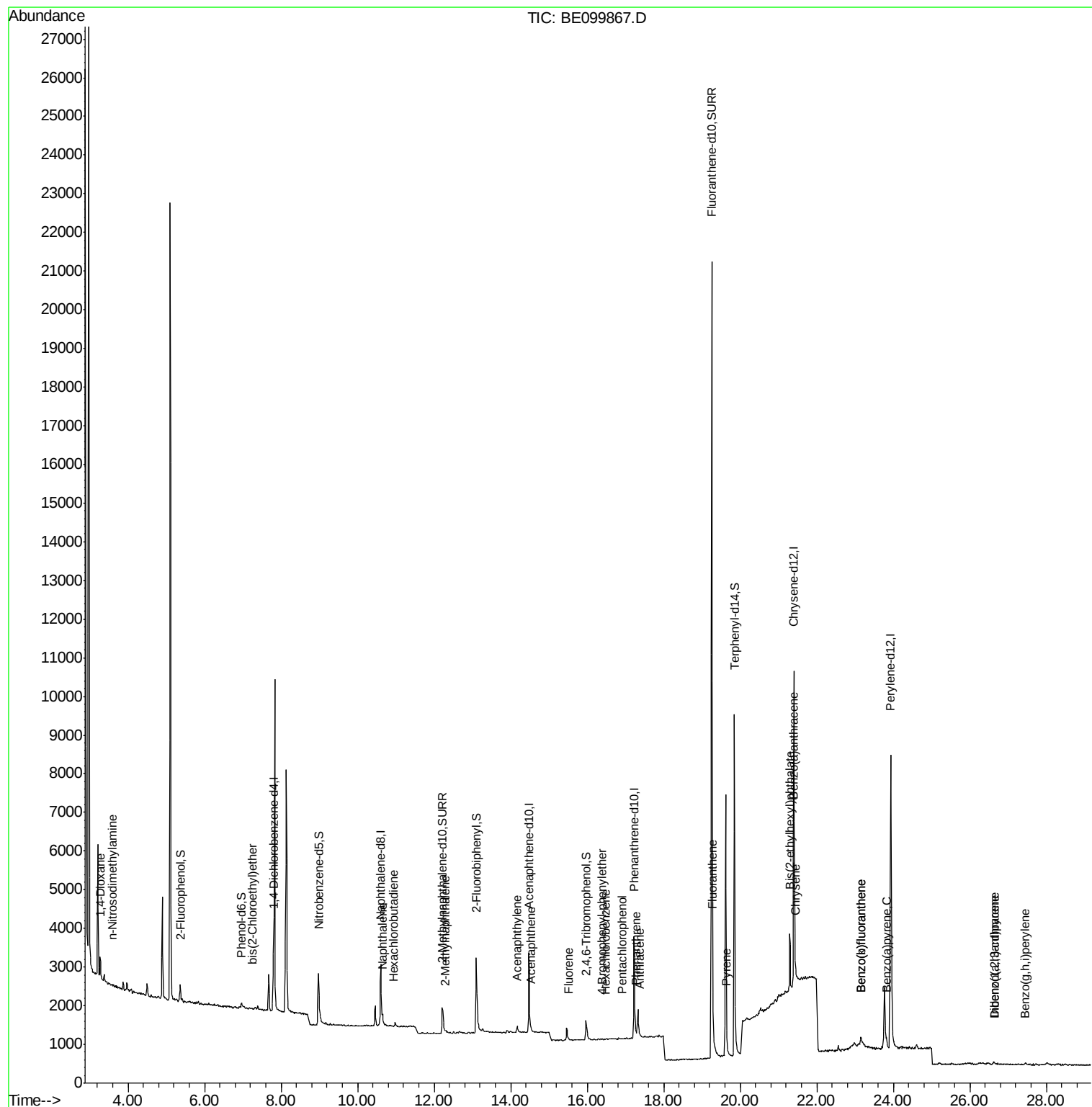
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	442	0.445	ng	# 92
3) n-Nitrosodimethylamine	3.58	42	32	0.047	ng	# 1
6) bis(2-Chloroethyl)ether	7.24	93	10	0.005	ng	# 1
9) Naphthalene	10.65	128	522	0.020	ng	# 71
10) Hexachlorobutadiene	10.94	225	3	0.002	ng	# 60
12) 2-Methylnaphthalene	12.30	142	41	0.009	ng	# 68
16) Acenaphthylene	14.17	152	18	0.002	ng	# 61
17) Acenaphthene	14.53	154	11	0.003	ng	# 58
18) Fluorene	15.52	166	22	0.003	ng	# 61
20) 4-Bromophenyl-phenylether	16.39	248	6	0.002	ng	# 67
21) Hexachlorobenzene	16.48	284	6	0.002	ng	# 50
22) Pentachlorophenol	16.91	266	14	0.241	ng	# 85
23) Phenanthrene	17.27	178	56	0.004	ng	# 36
24) Anthracene	17.36	178	21	0.002	ng	# 61
26) Fluoranthene	19.28	202	102	0.005	ng	# 84
28) Pyrene	19.65	202	113	0.004	ng	# 79
30) Benzo(a)anthracene	21.39	228	142	0.004	ng	# 1
31) Chrysene	21.44	228	103	0.003	ng	# 8
32) Bis(2-ethylhexyl)phthalate	21.29	149	2218	0.042	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.63	276	87	0.002	ng	# 67
35) Benzo(b)fluoranthene	23.16	252	217	0.006	ng	# 1
36) Benzo(k)fluoranthene	23.16	252	217	0.006	ng	# 1
37) Benzo(a)pyrene	23.82	252	101	0.003	ng	# 1
38) Dibenzo(a,h)anthracene	26.66	278	1	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.45	276	48	0.001	ng	# 1

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

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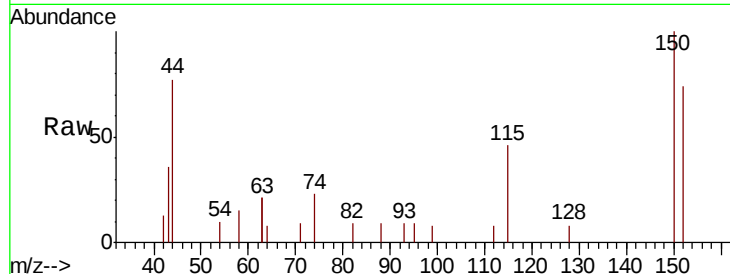


#1

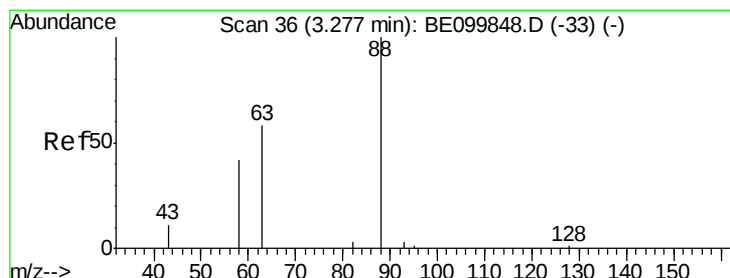
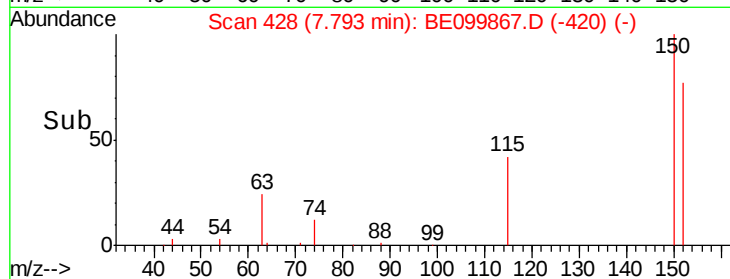
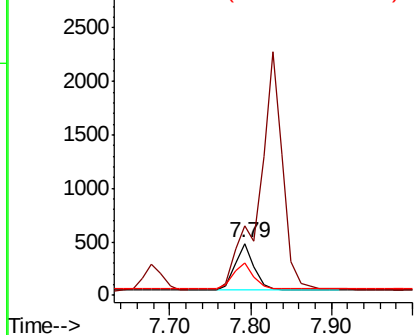
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:152 Resp: 711
Ion Ratio Lower Upper
152 100
150 134.6 112.8 169.2
115 61.6 47.6 71.4



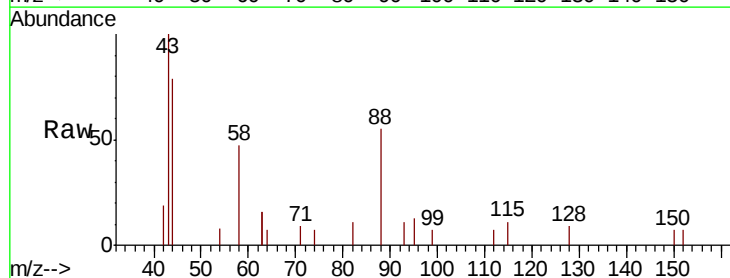
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



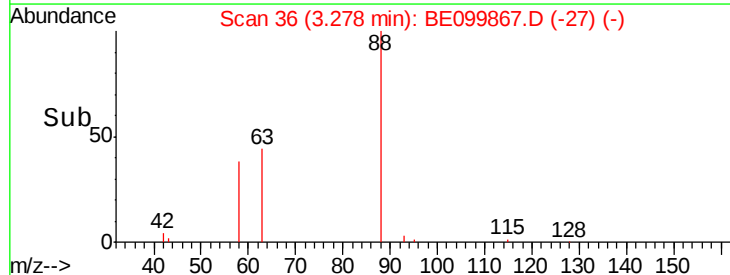
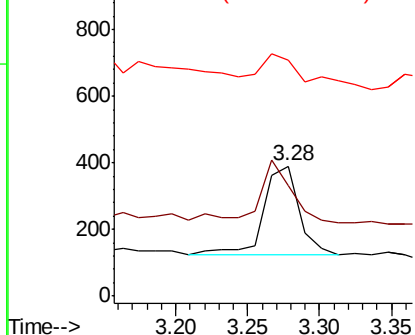
#2

1,4-Dioxane
Concen: 0.445 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion: 88 Resp: 442
Ion Ratio Lower Upper
88 100
58 58.4 47.3 70.9
43 35.3 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





#3

n-Nitrosodimethylamine

Concen: 0.047 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.03 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

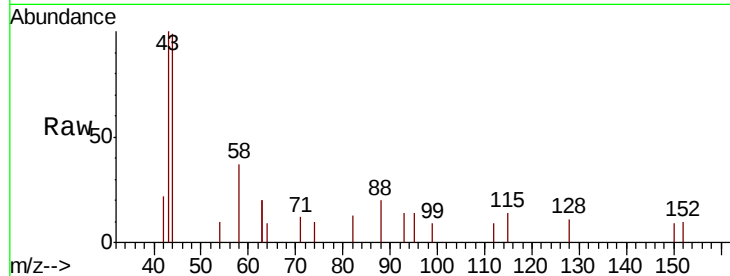
Tgt Ion: 42 Resp: 32

Ion Ratio Lower Upper

42 100

74 25.0 132.6 198.8#

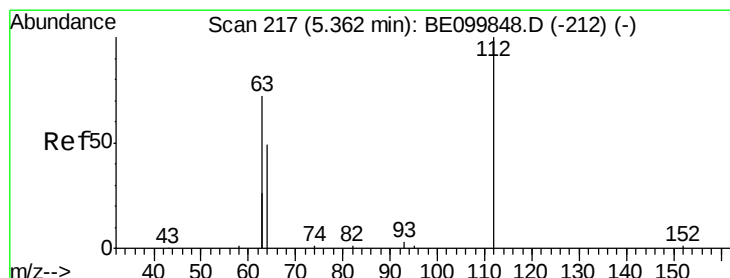
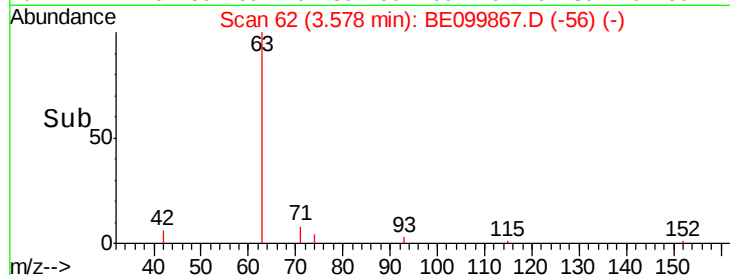
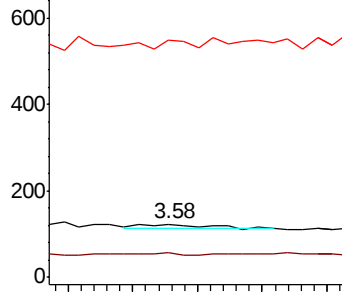
44 78.1 13.4 20.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.126 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

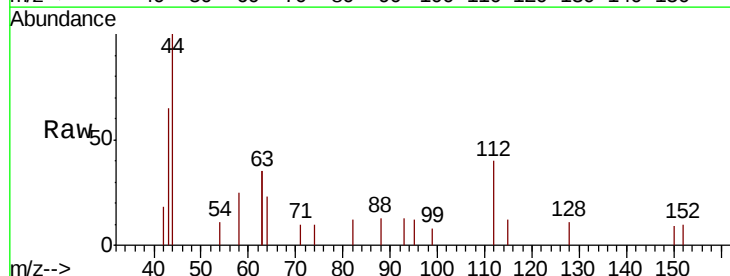
Tgt Ion: 112 Resp: 299

Ion Ratio Lower Upper

112 100

64 56.5 47.2 70.8

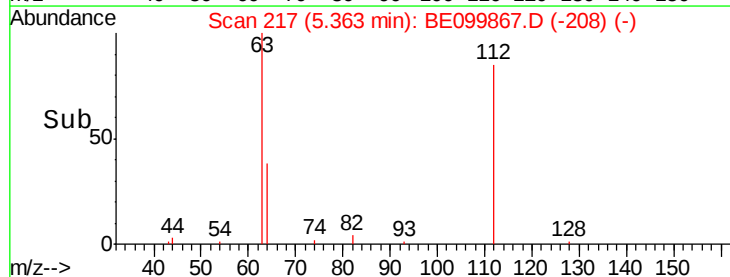
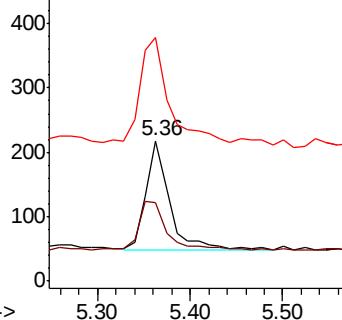
63 114.7 90.7 136.1

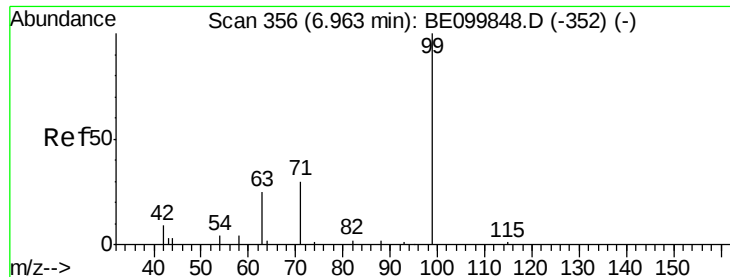


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.086 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

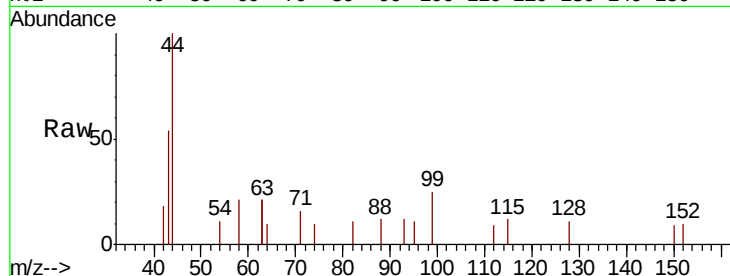
Tgt Ion: 99 Resp: 253

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

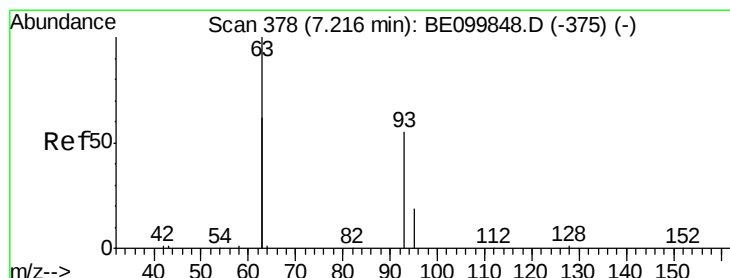
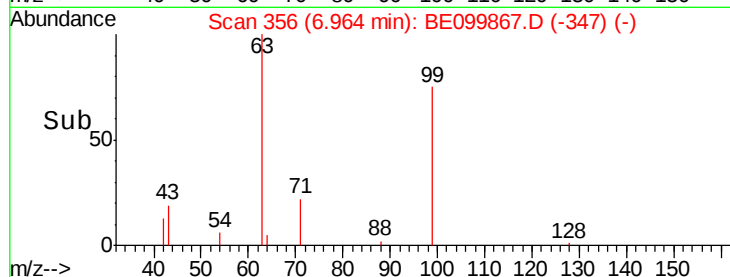
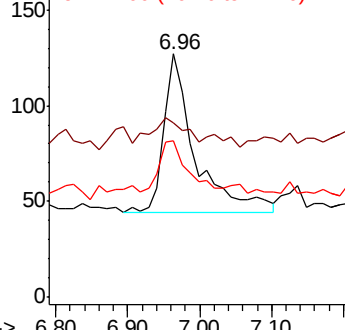
71 25.7 26.1 39.1#



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

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

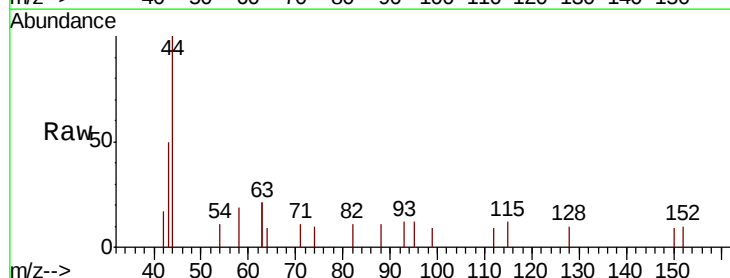
Tgt Ion: 93 Resp: 10

Ion Ratio Lower Upper

93 100

63 0.0 208.8 313.2#

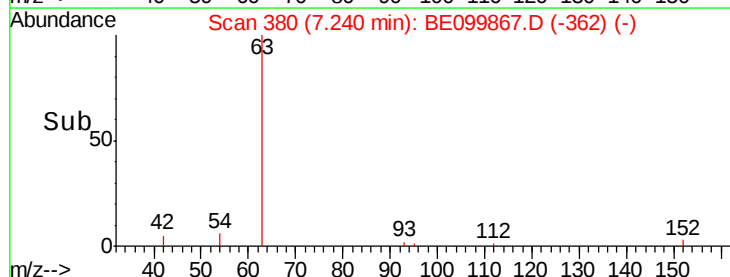
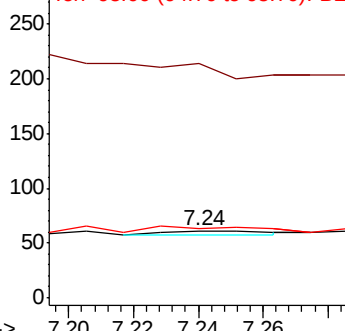
95 180.0 27.6 41.4#

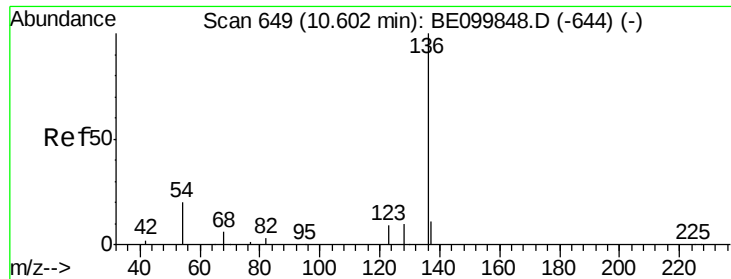


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

Tgt Ion: 136 Resp: 2346

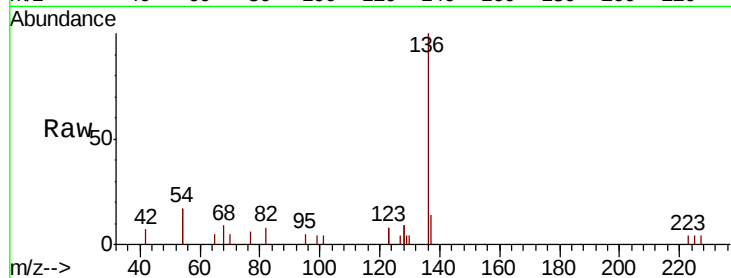
Ion Ratio Lower Upper

136 100

137 14.3 11.1 16.7

54 33.2 17.9 26.9#

68 9.4 5.4 8.0#

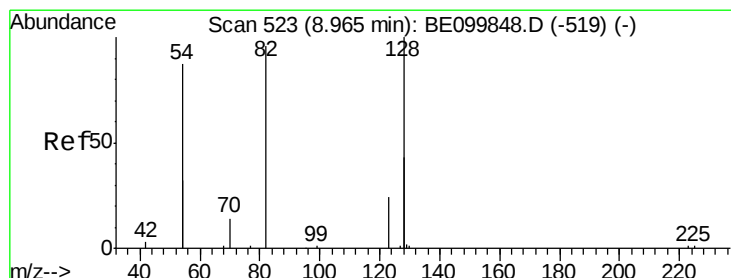
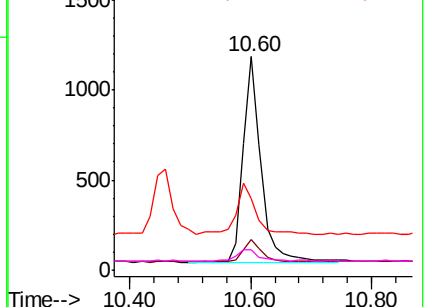
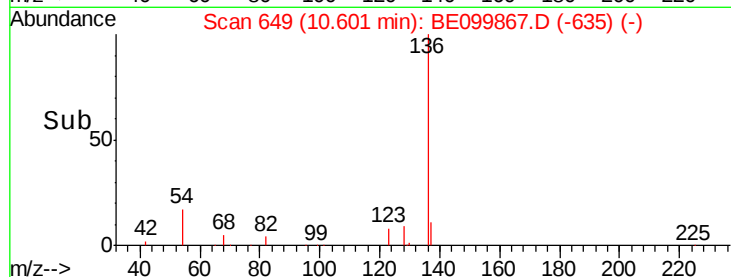


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.428 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

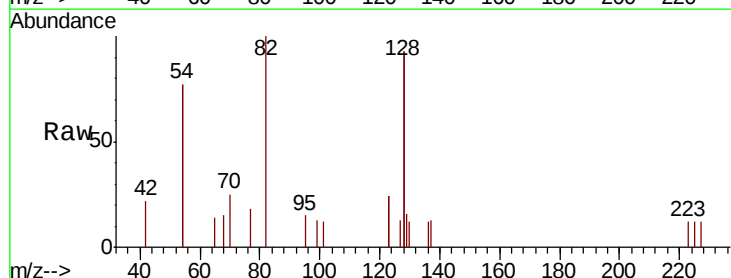
Tgt Ion: 82 Resp: 1014

Ion Ratio Lower Upper

82 100

128 186.2 116.6 175.0#

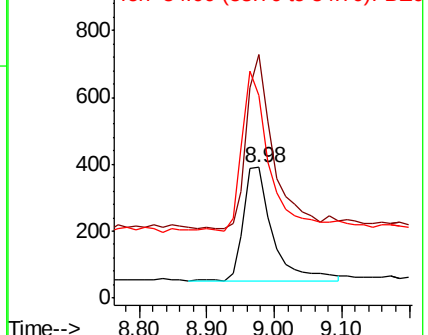
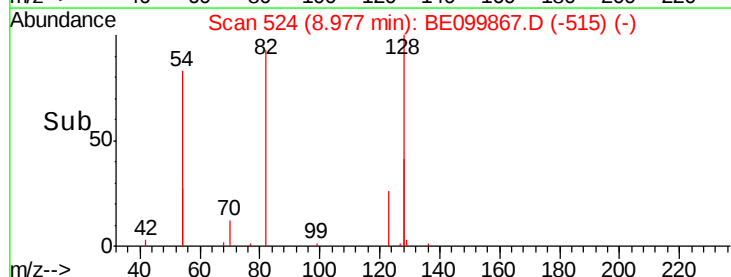
54 154.5 136.2 204.4

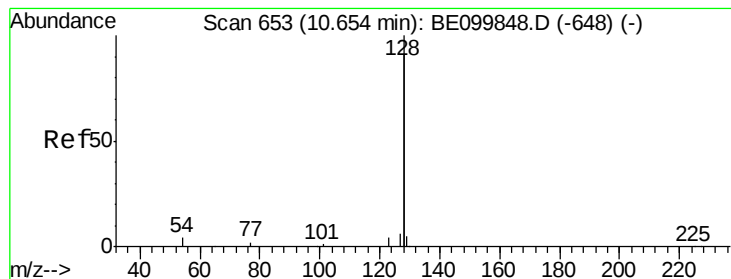


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.020 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

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BNA_E

ClientSampleId :

BP-DUP05-20190606

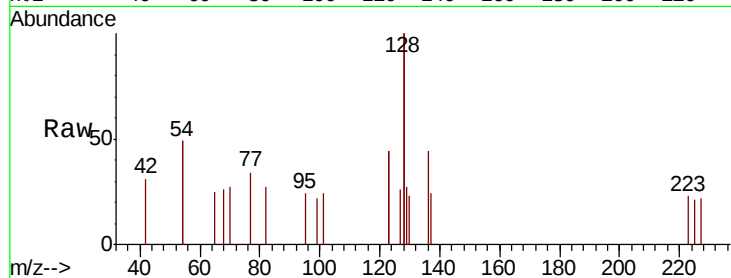
Tgt Ion:128 Resp: 522

Ion Ratio Lower Upper

128 100

129 13.4 2.6 4.0#

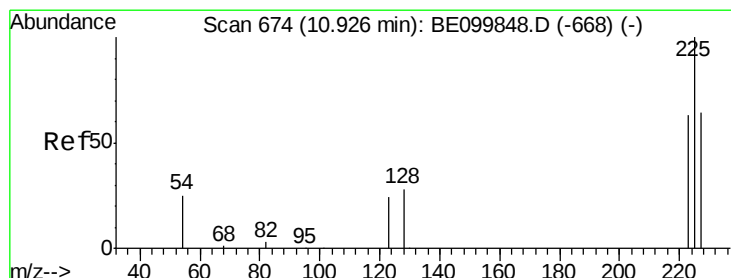
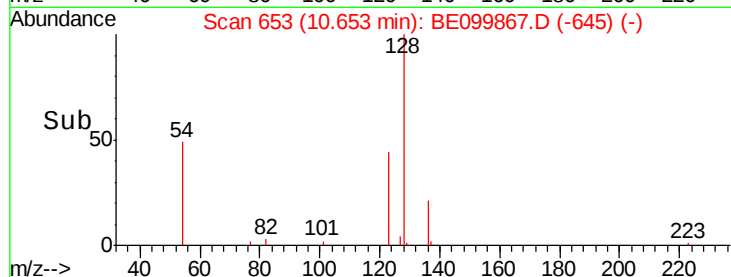
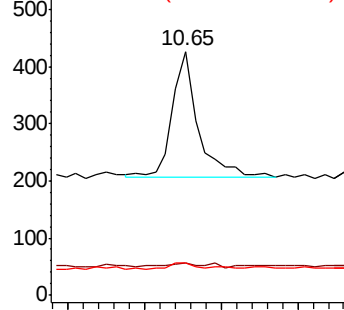
127 13.1 3.0 4.6#



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



#10

Hexachlorobutadiene

Concen: 0.002 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

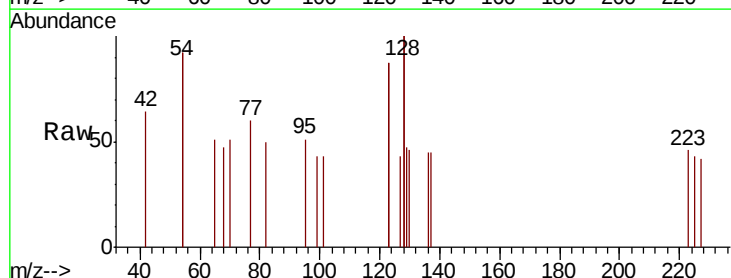
Tgt Ion:225 Resp: 3

Ion Ratio Lower Upper

225 100

223 0.0 48.6 72.8#

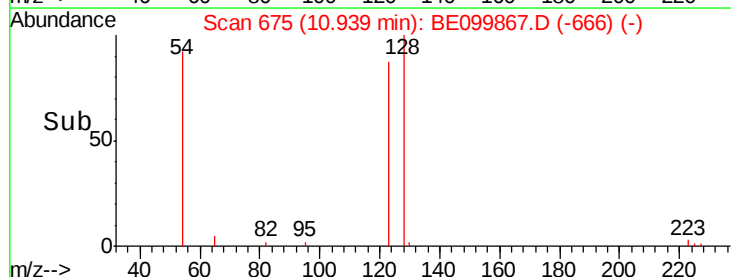
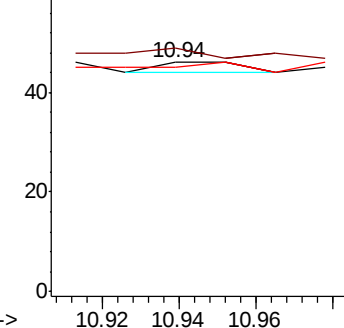
227 66.7 51.6 77.4

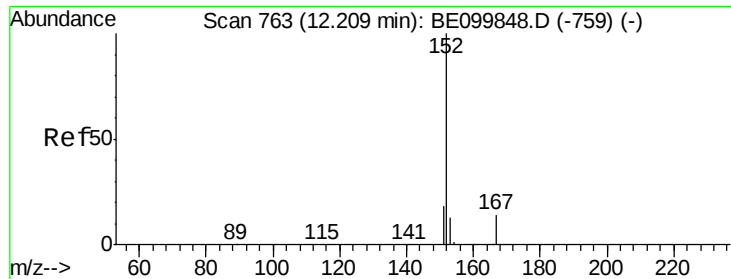


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

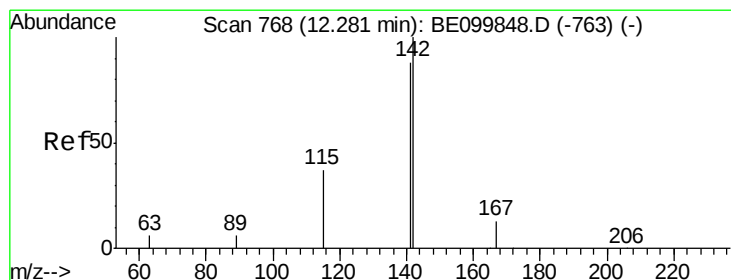
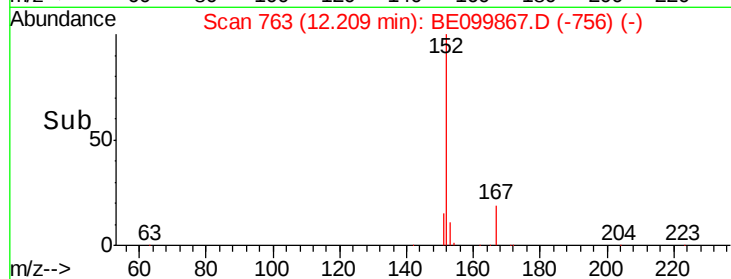
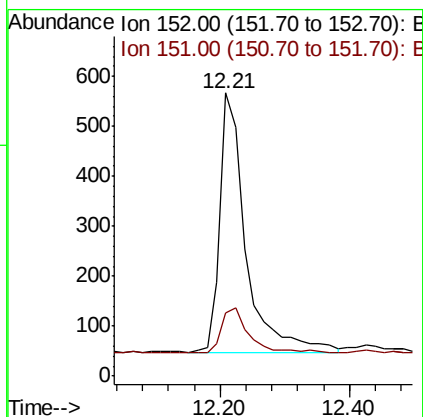
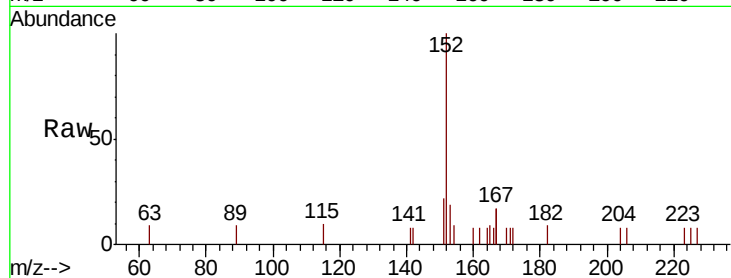




#11
 2-Methylnaphthalene-d10
 Concen: 0.339 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099867.D
 Acq: 7 Jun 2019 23:54

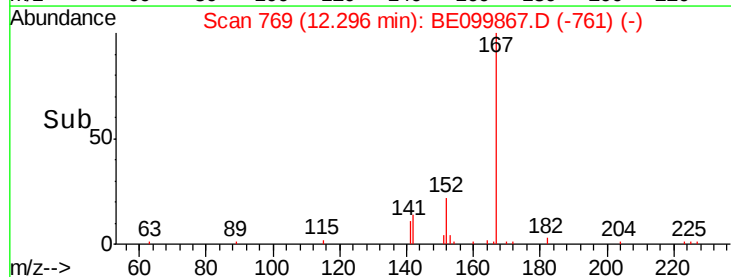
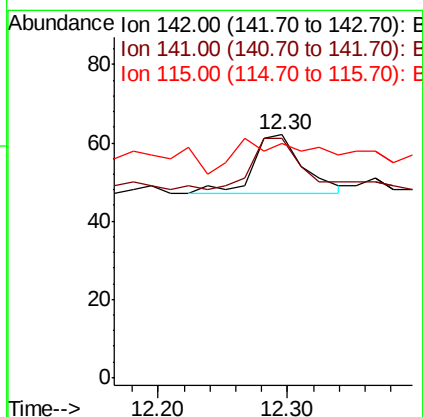
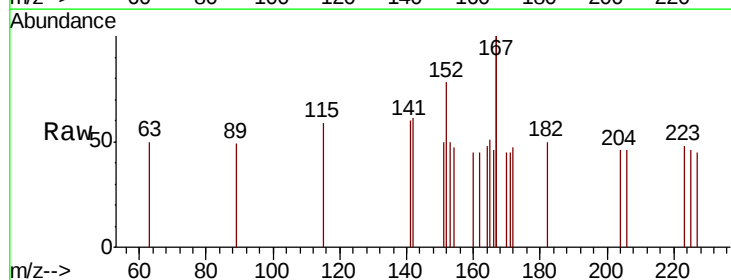
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20190606

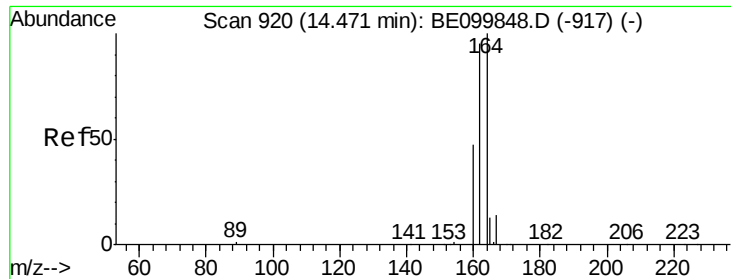
Tgt Ion:152 Resp: 1439
 Ion Ratio Lower Upper
 152 100
 151 18.3 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.009 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BE099867.D
 Acq: 7 Jun 2019 23:54

Tgt Ion:142 Resp: 41
 Ion Ratio Lower Upper
 142 100
 141 98.4 73.3 109.9
 115 96.8 33.4 50.2#

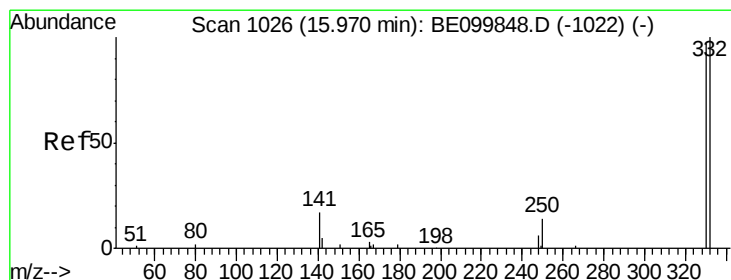
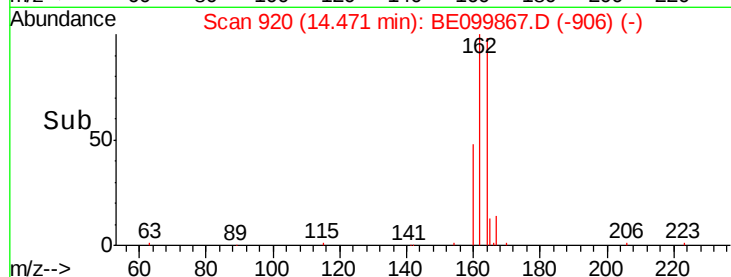
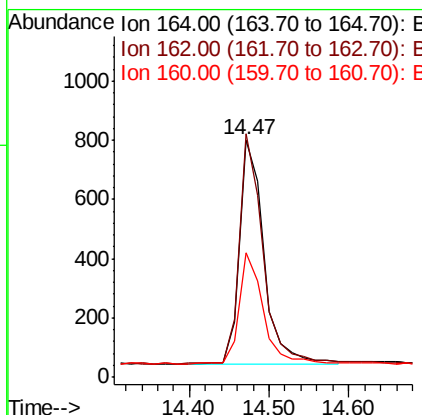
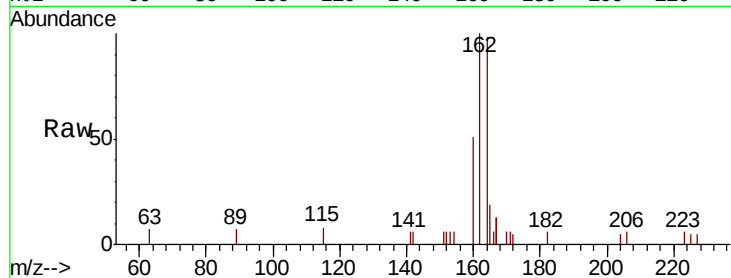




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099867.D
 Acq: 7 Jun 2019 23:54

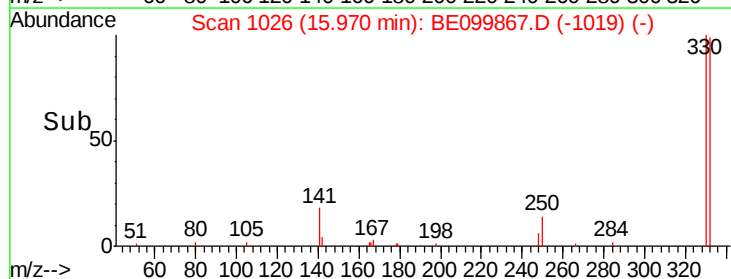
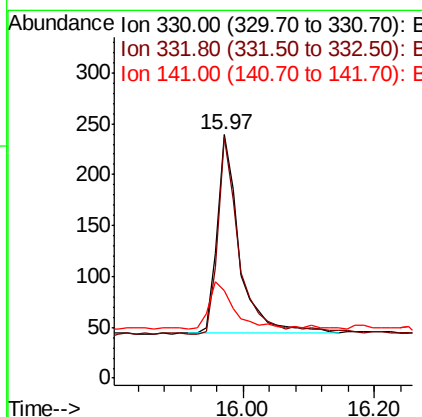
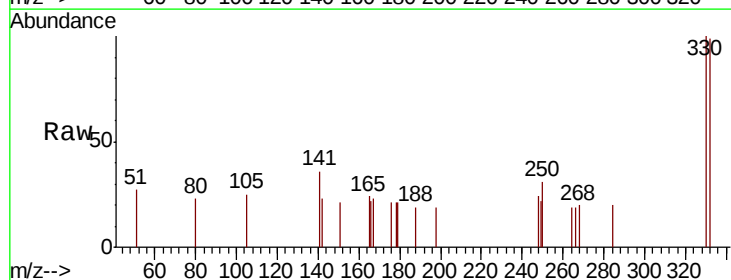
Instrument :
 BNA_E
 ClientSampleId :
 BP-DUP05-20190606

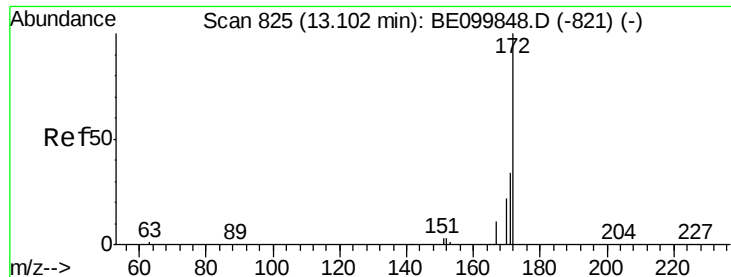
Tgt Ion:164 Resp: 1599
 Ion Ratio Lower Upper
 164 100
 162 102.4 77.2 115.8
 160 52.6 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.294 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099867.D
 Acq: 7 Jun 2019 23:54

Tgt Ion:330 Resp: 465
 Ion Ratio Lower Upper
 330 100
 332 100.4 74.9 112.3
 141 26.7 16.0 24.0#

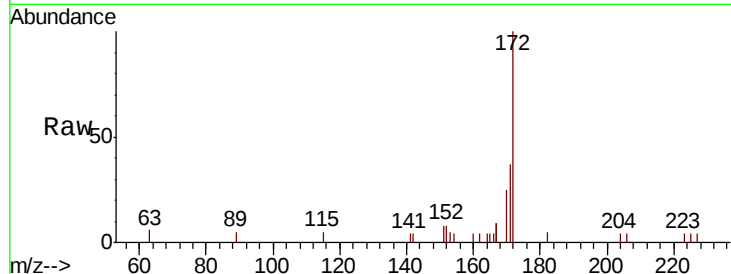




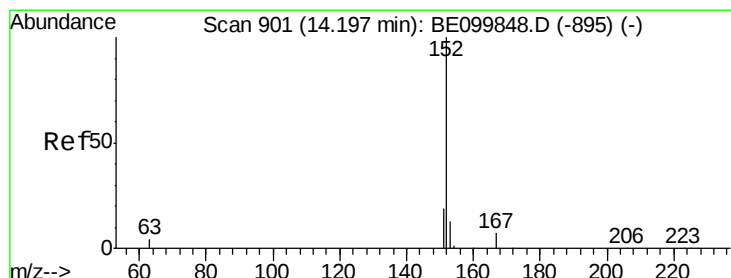
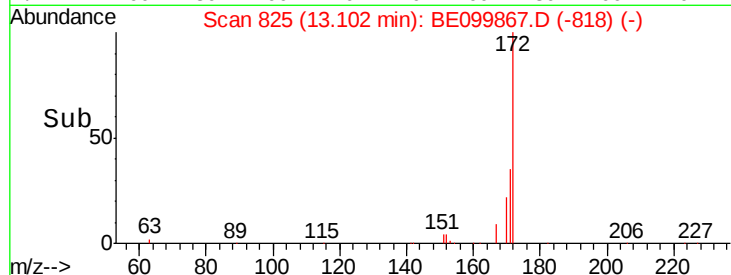
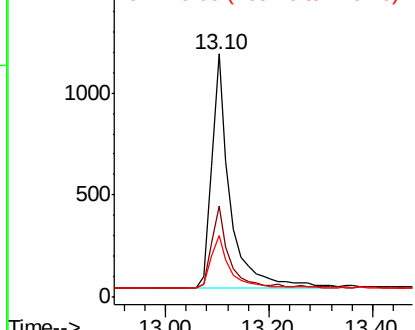
#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Instrument :
BNA_E
ClientSampleId :
BP-DUP05-20190606

Tgt Ion:172 Resp: 2875
Ion Ratio Lower Upper
172 100
171 37.3 30.2 45.4
170 25.2 20.1 30.1

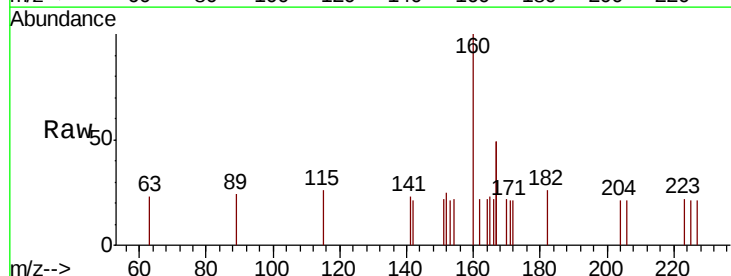


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

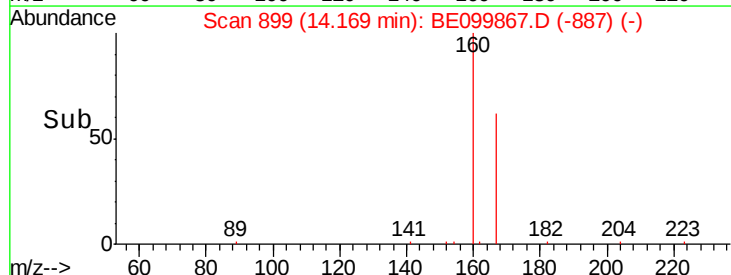
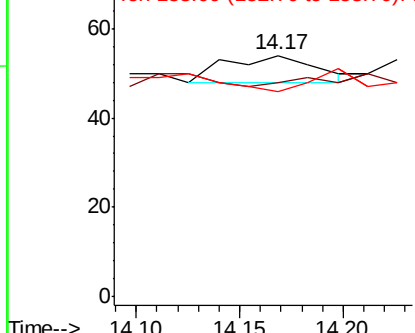


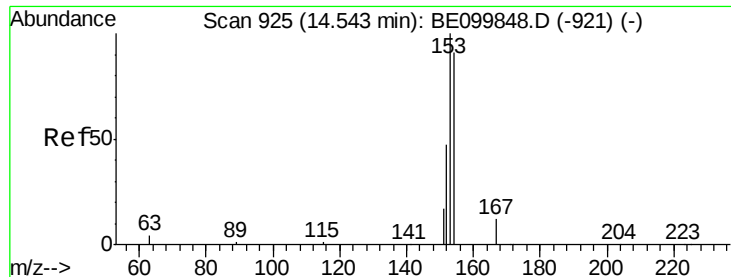
#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.03 min
Lab File: BE099867.D
Acq: 7 Jun 2019 23:54

Tgt Ion:152 Resp: 18
Ion Ratio Lower Upper
152 100
151 0.0 15.9 23.9#
153 0.0 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.003 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.02 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

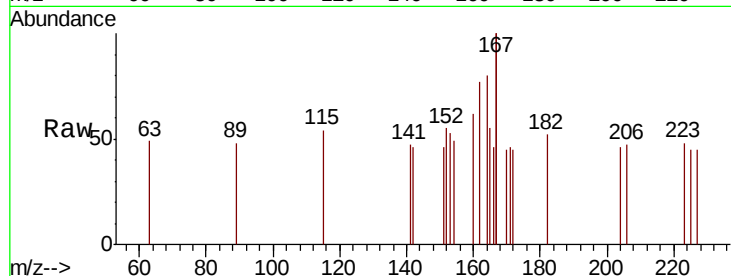
Tgt Ion:154 Resp: 11

Ion Ratio Lower Upper

154 100

153 163.6 93.8 140.6#

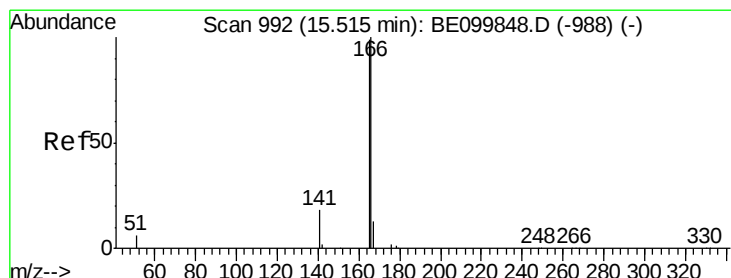
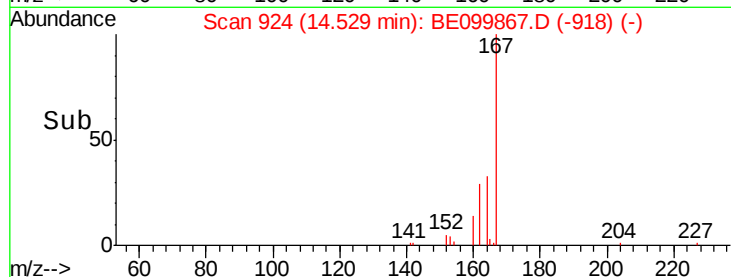
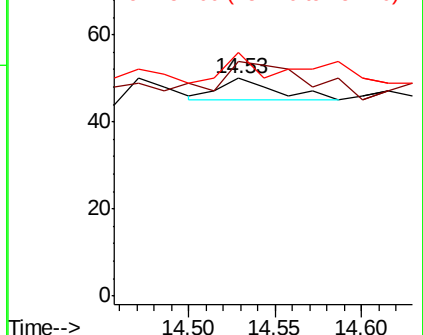
152 90.9 48.3 72.5#



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



#18

Fluorene

Concen: 0.003 ng

RT: 15.52 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

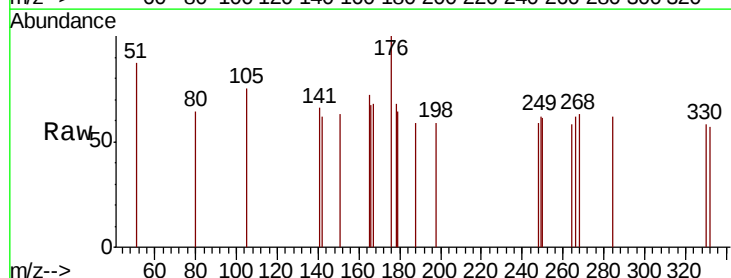
Tgt Ion:166 Resp: 22

Ion Ratio Lower Upper

166 100

165 140.9 80.4 120.6#

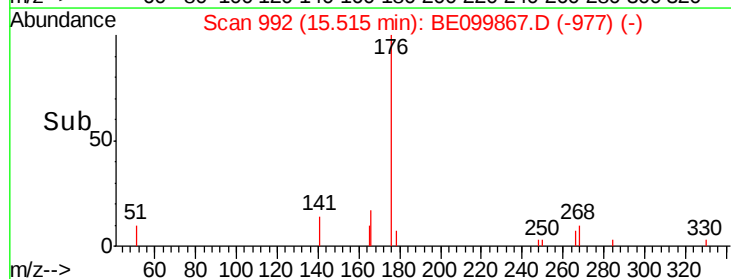
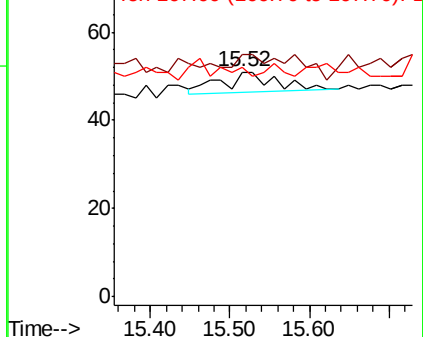
167 0.0 10.7 16.1#

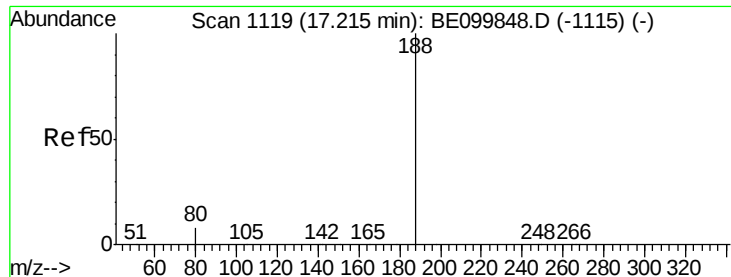


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

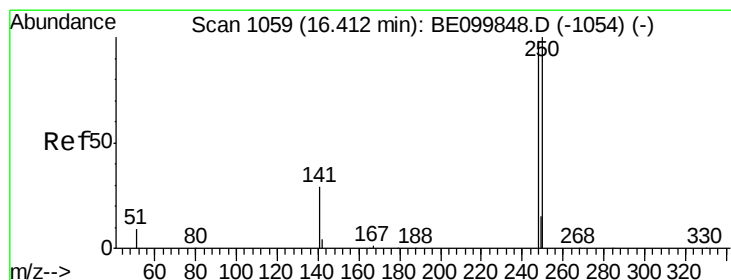
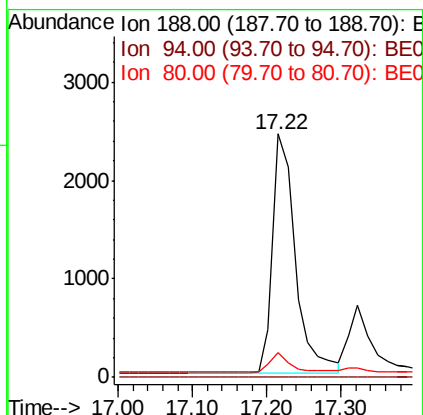
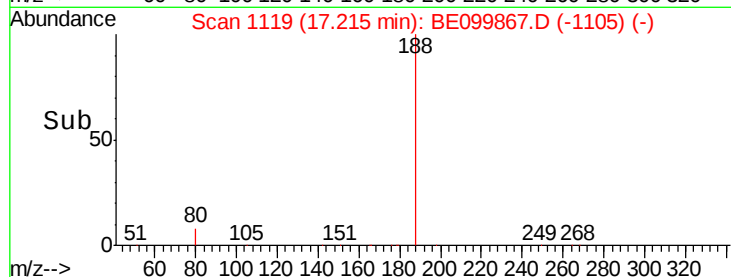
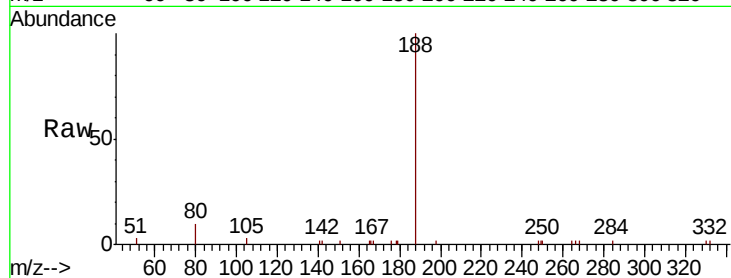
Tgt Ion:188 Resp: 5170

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 5.2 7.8#



#20

4-Bromophenyl-phenylether

Concen: 0.002 ng

RT: 16.39 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

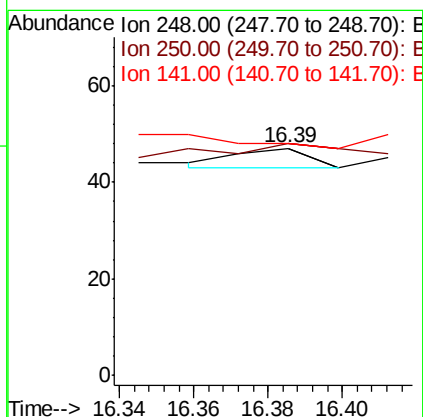
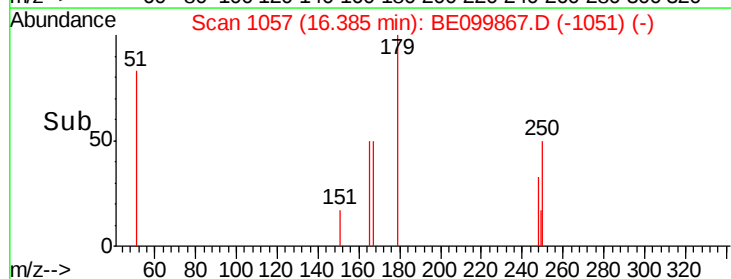
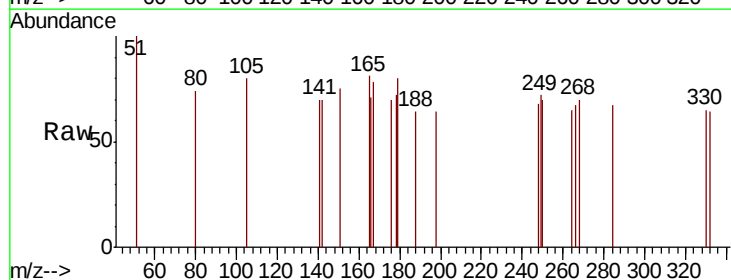
Tgt Ion:248 Resp: 6

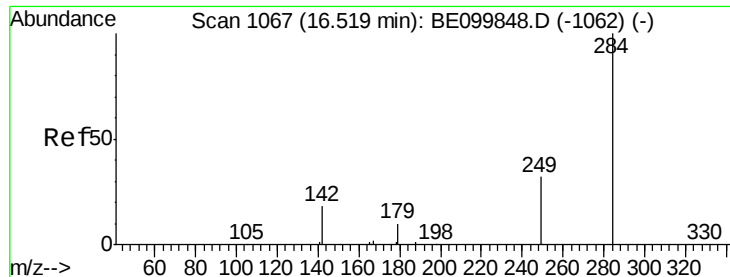
Ion Ratio Lower Upper

248 100

250 102.1 73.7 110.5

141 102.1 40.9 61.3#





#21

Hexachlorobenzene

Concen: 0.002 ng

RT: 16.48 min Scan# 1064

Delta R.T. -0.04 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

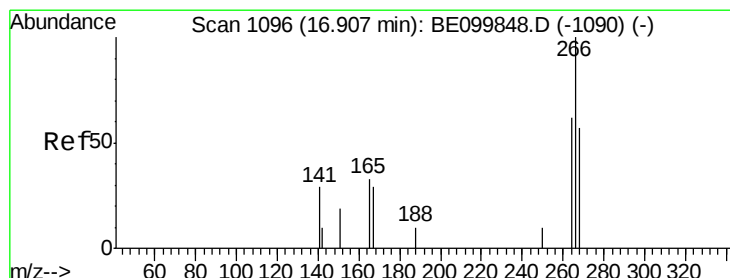
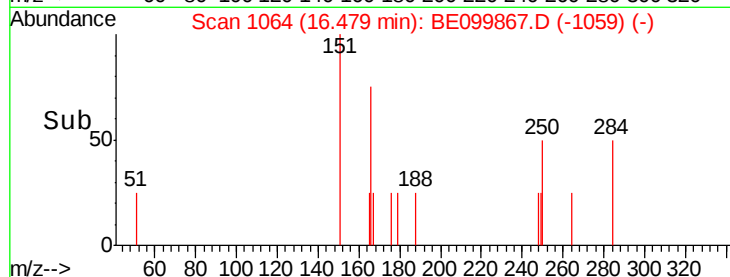
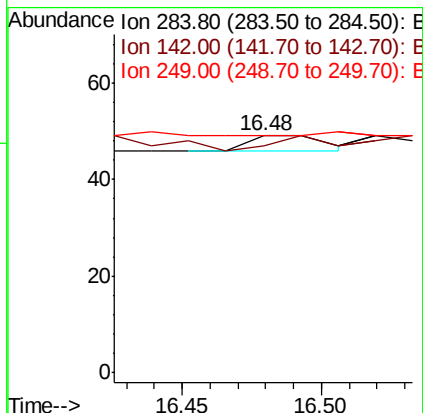
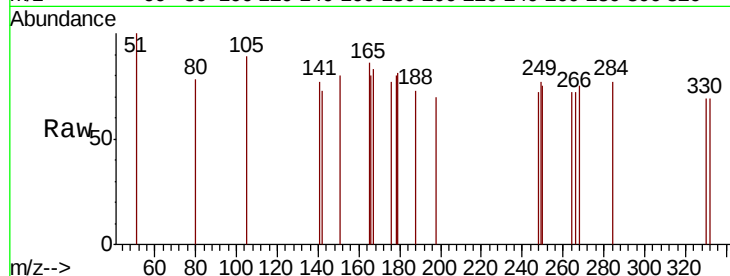
Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

Tgt Ion:	284	Resp:	6
Ion	Ratio	Lower	Upper
284	100		
142	0.0	16.2	24.4#
249	0.0	23.1	34.7#



#22

Pentachlorophenol

Concen: 0.241 ng

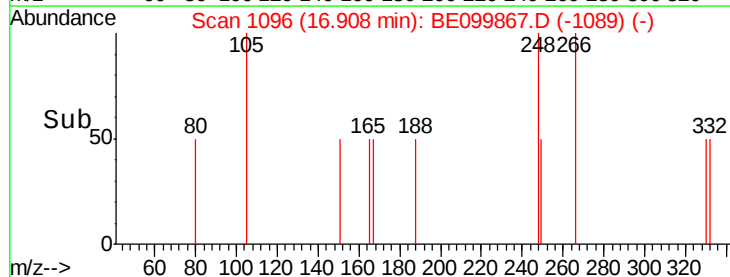
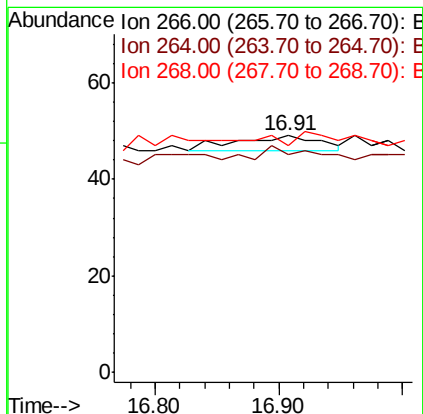
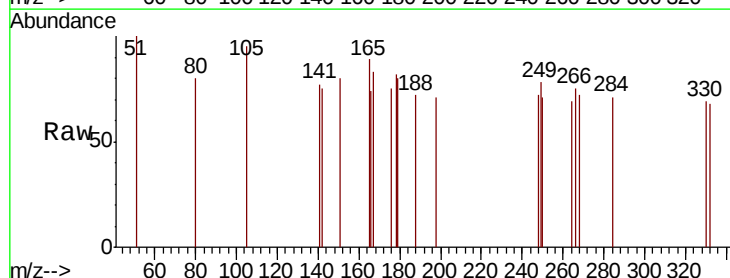
RT: 16.91 min Scan# 1096

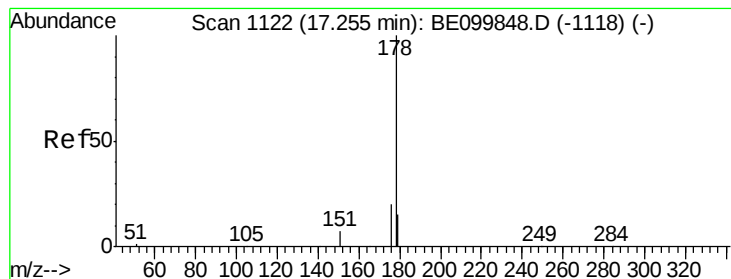
Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Tgt Ion:	266	Resp:	14
Ion	Ratio	Lower	Upper
266	100		
264	91.8	64.9	97.3
268	95.9	64.0	96.0





#23

Phenanthrene

Concen: 0.004 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

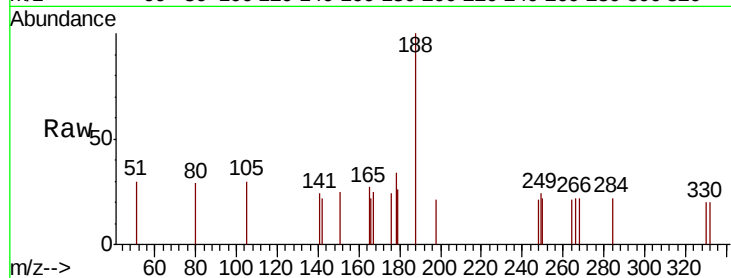
Tgt Ion:178 Resp: 56

Ion Ratio Lower Upper

178 100

176 30.4 15.4 23.0#

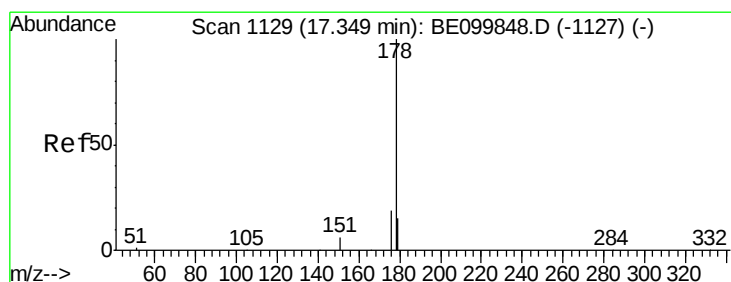
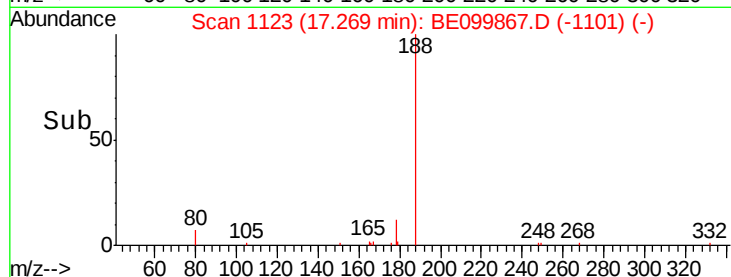
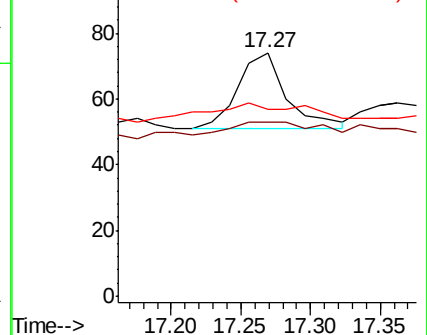
179 62.5 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.002 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

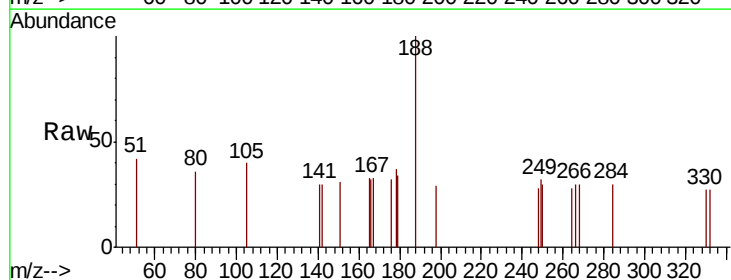
Tgt Ion:178 Resp: 21

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

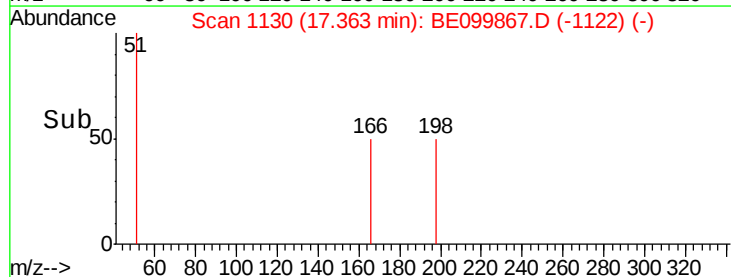
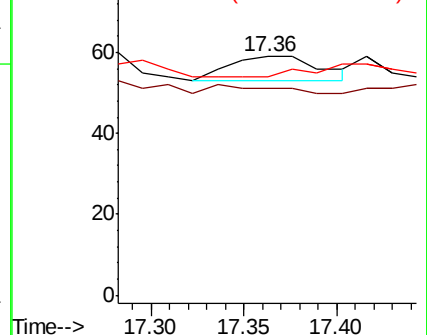
179 0.0 12.1 18.1#

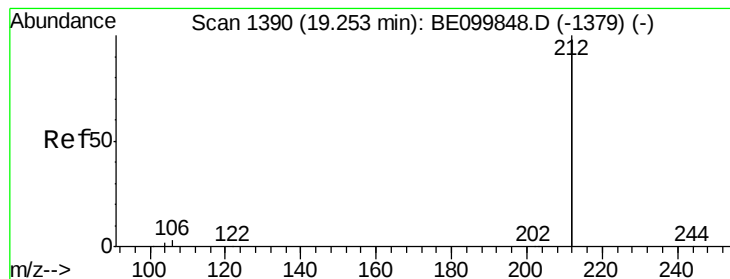


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.412 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

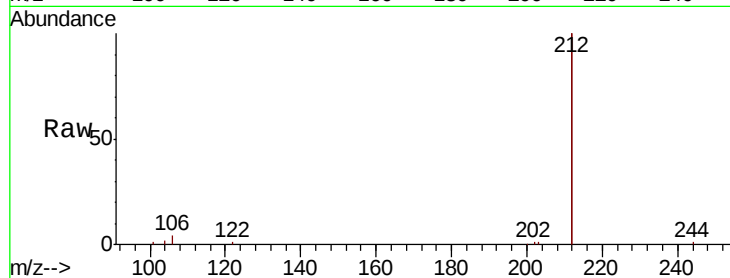
Tgt Ion:212 Resp: 32991

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

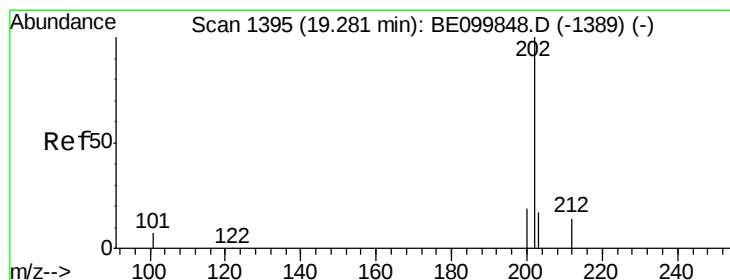
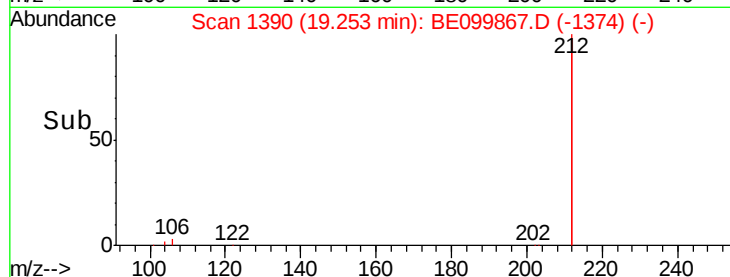
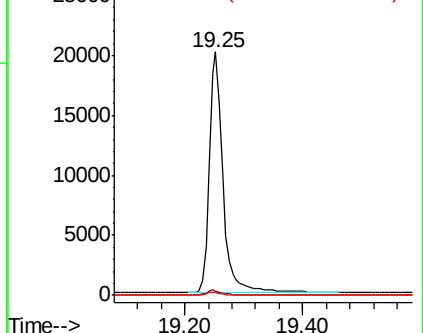
104 1.0 0.8 1.2



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



#26

Fluoranthene

Concen: 0.005 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

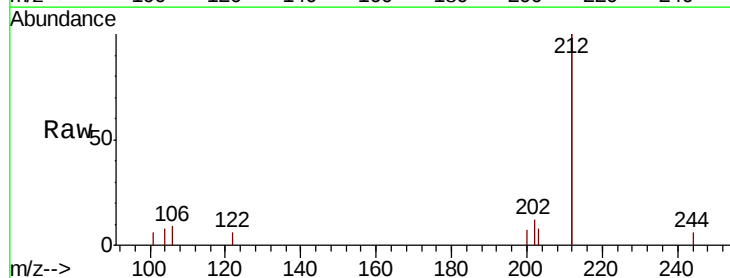
Tgt Ion:202 Resp: 102

Ion Ratio Lower Upper

202 100

101 5.9 5.2 7.8

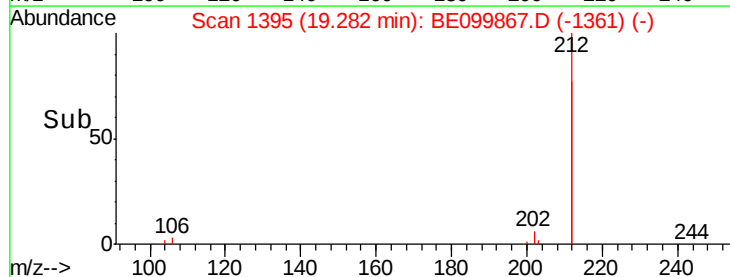
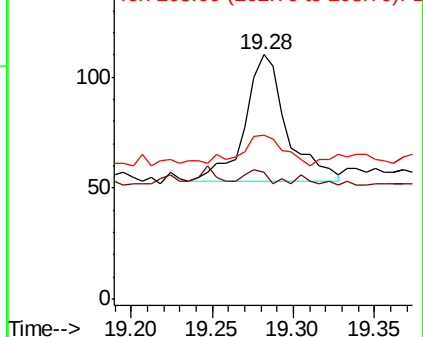
203 26.5 13.6 20.4#

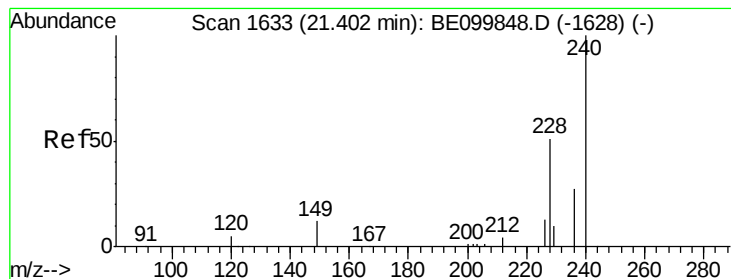


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

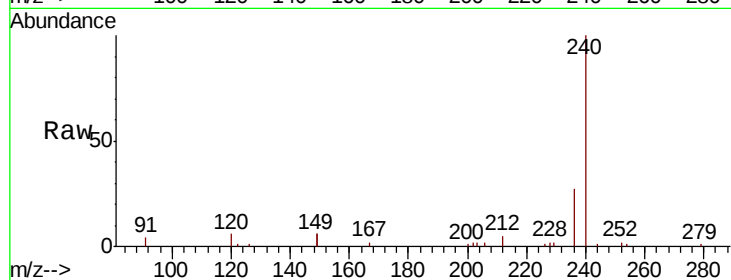
Tgt Ion:240 Resp: 10114

Ion Ratio Lower Upper

240 100

120 5.6 2.8 4.2#

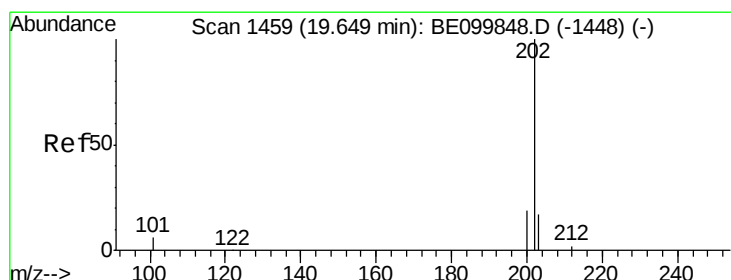
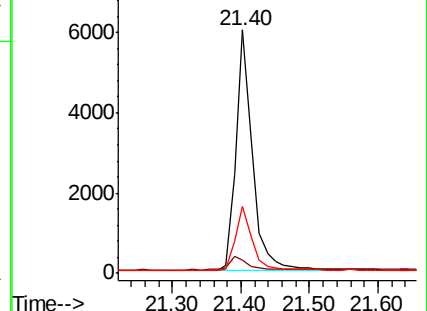
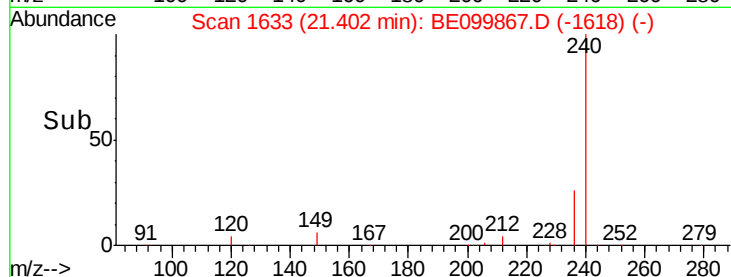
236 27.4 20.9 31.3



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: 0.004 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

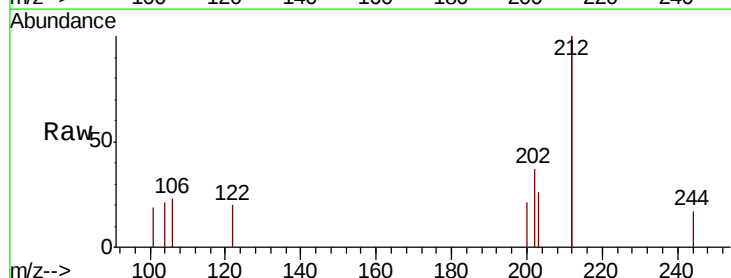
Tgt Ion:202 Resp: 113

Ion Ratio Lower Upper

202 100

200 17.7 15.6 23.4

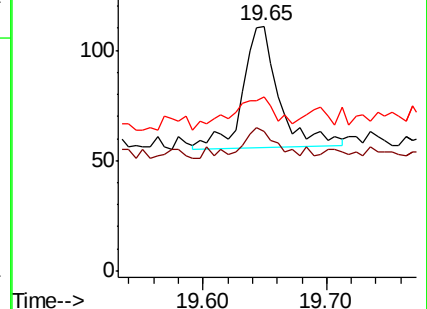
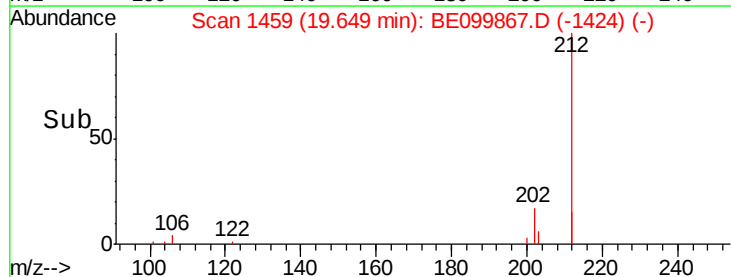
203 35.4 14.1 21.1#

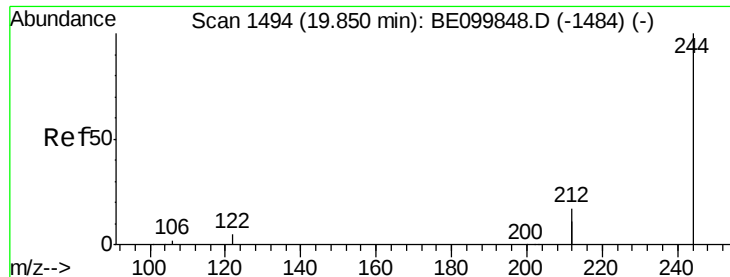


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.513 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

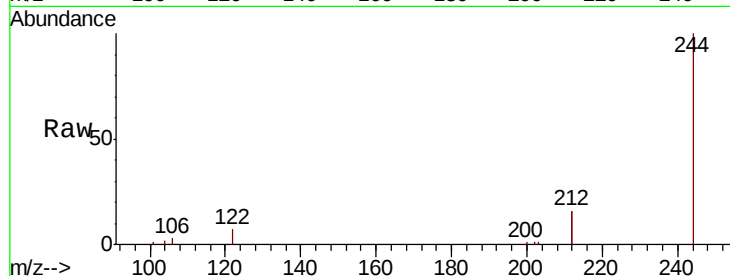
Tgt Ion:244 Resp: 9678

Ion Ratio Lower Upper

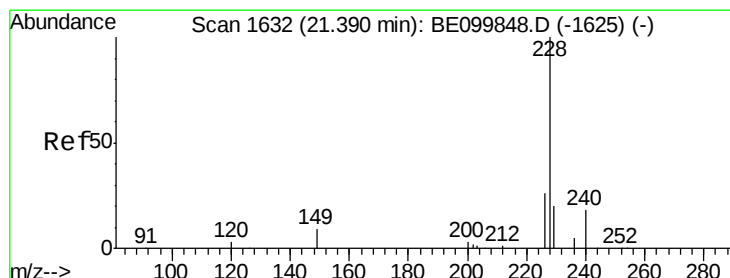
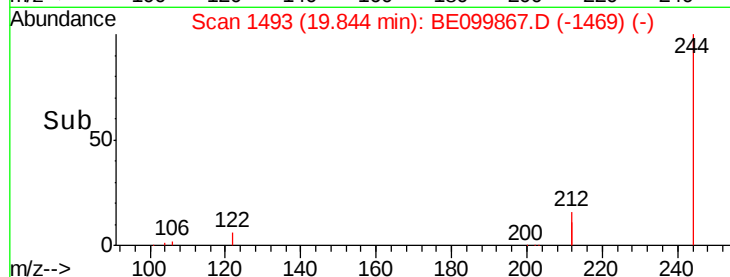
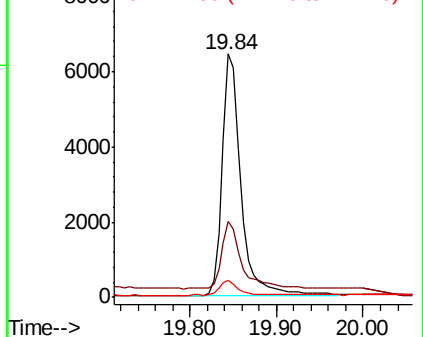
244 100

212 31.4 23.7 35.5

122 7.0 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



#30

Benzo(a)anthracene

Concen: 0.004 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

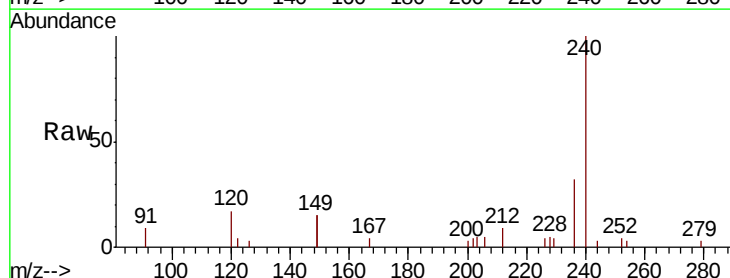
Tgt Ion:228 Resp: 142

Ion Ratio Lower Upper

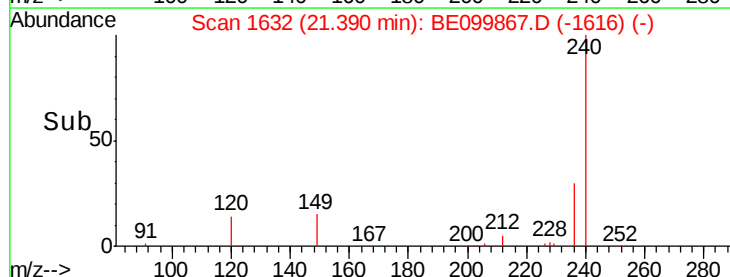
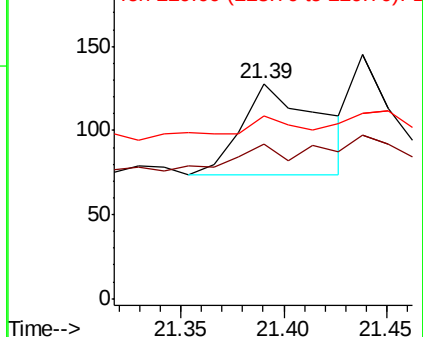
228 100

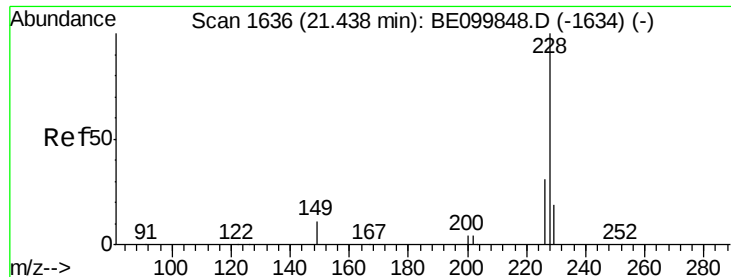
226 71.9 21.6 32.4#

229 85.2 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





#31

Chrysene

Concen: 0.003 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

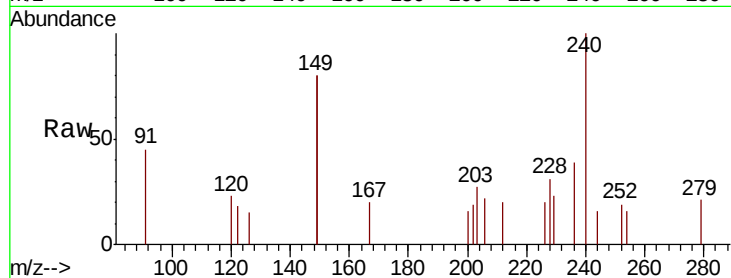
Tgt Ion:228 Resp: 103

Ion Ratio Lower Upper

228 100

226 66.9 22.9 34.3#

229 75.9 16.4 24.6#

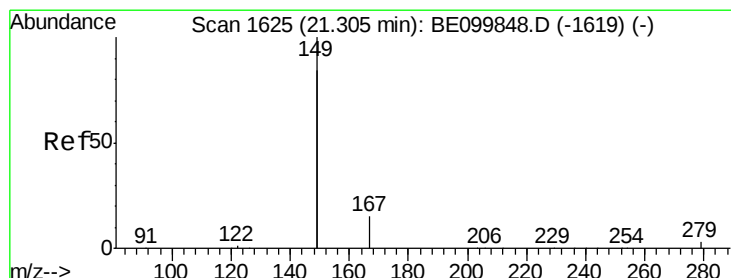
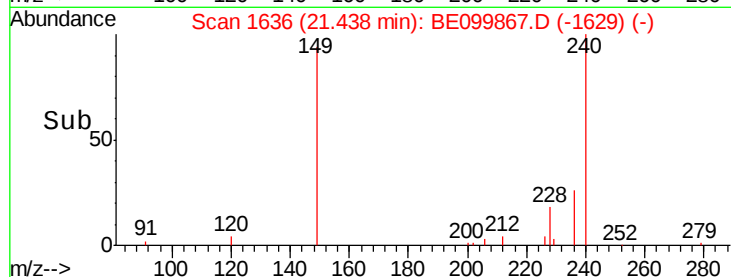
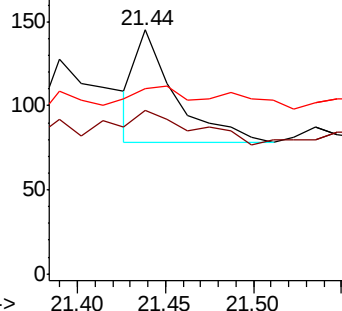


Abundance

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: 0.042 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

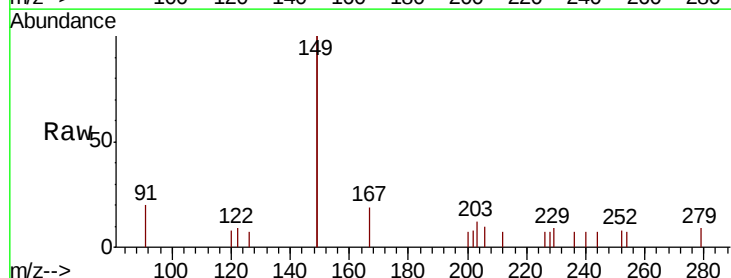
Tgt Ion:149 Resp: 2218

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

279 4.1 1.2 1.8#

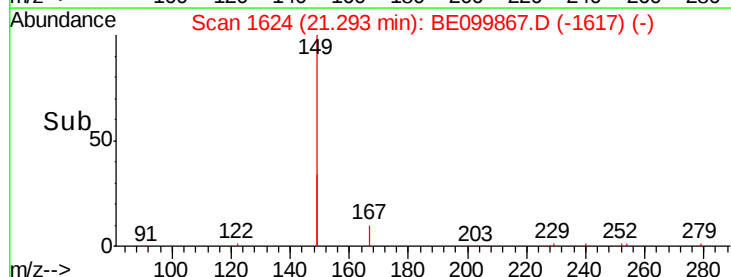
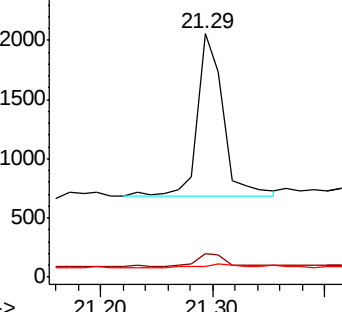


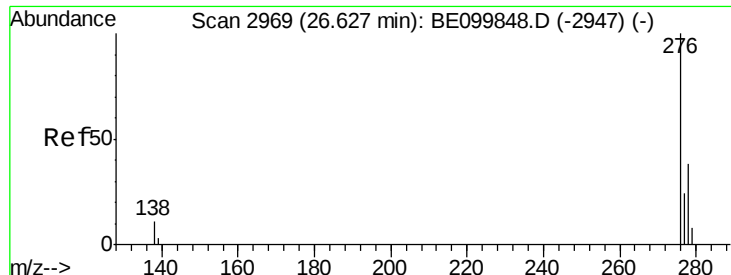
Abundance

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





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.63 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

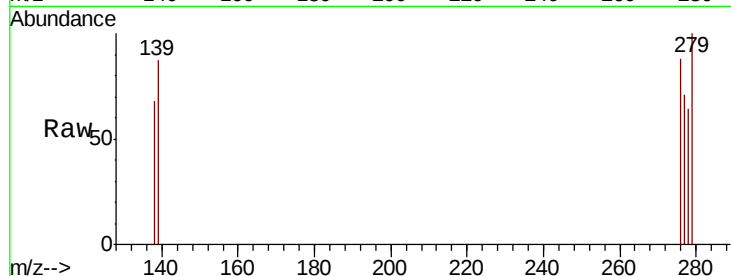
Tgt Ion:276 Resp: 87

Ion Ratio Lower Upper

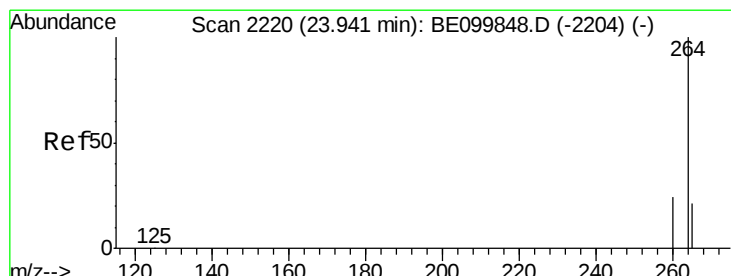
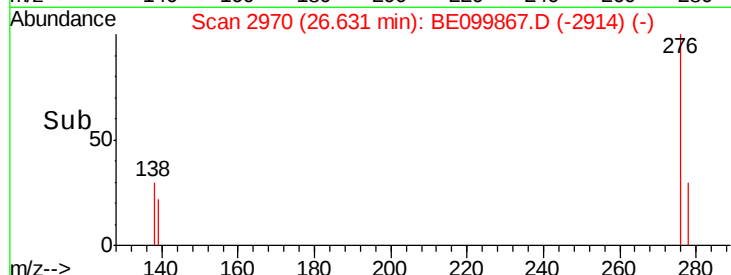
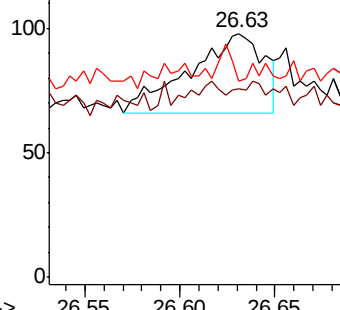
276 100

138 3.4 10.3 15.5#

277 5.7 19.4 29.2#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2218

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

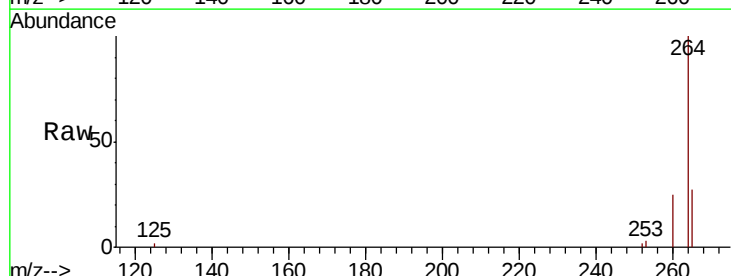
Tgt Ion:264 Resp: 12180

Ion Ratio Lower Upper

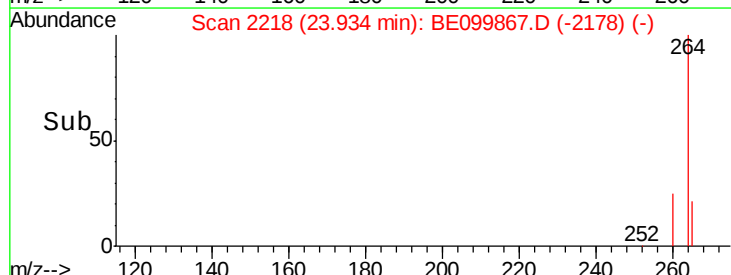
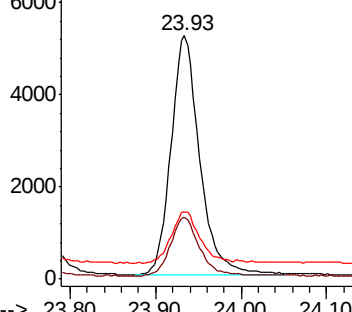
264 100

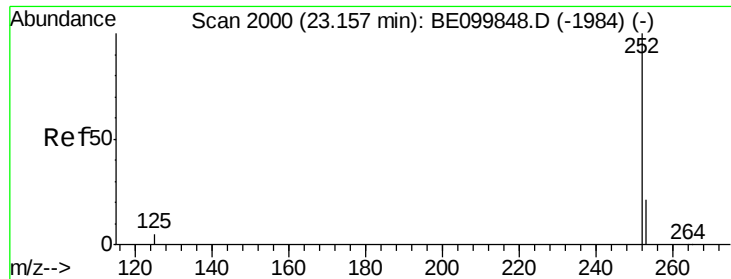
260 25.4 20.0 30.0

265 27.5 20.7 31.1



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





#35

Benzo(b)fluoranthene

Concen: 0.006 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

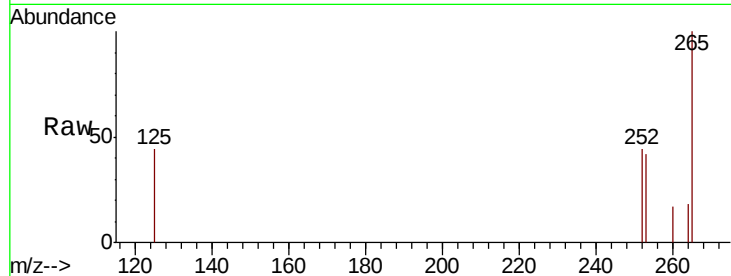
Tgt Ion: 252 Resp: 217

Ion Ratio Lower Upper

252 100

253 95.9 18.9 28.3#

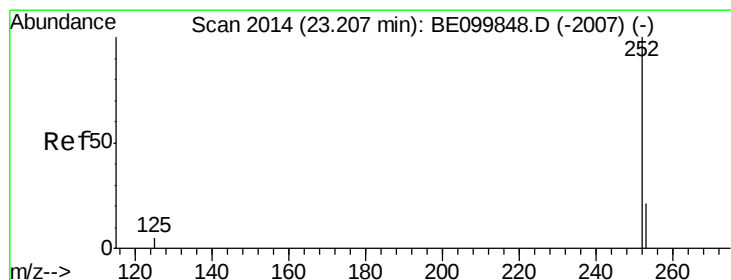
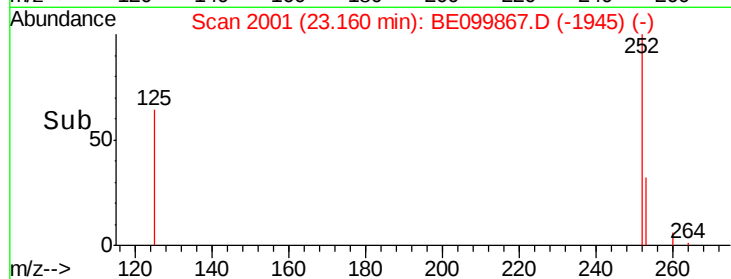
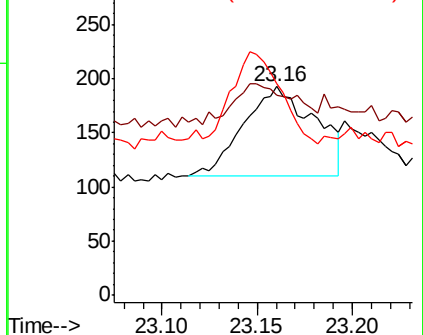
125 101.0 7.6 11.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.05 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

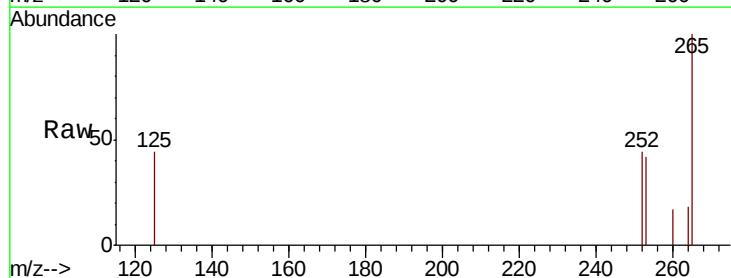
Tgt Ion: 252 Resp: 217

Ion Ratio Lower Upper

252 100

253 95.9 18.4 27.6#

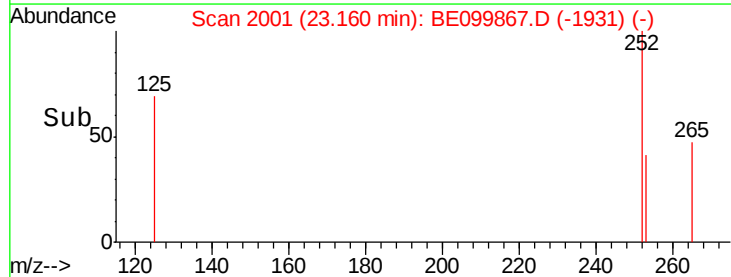
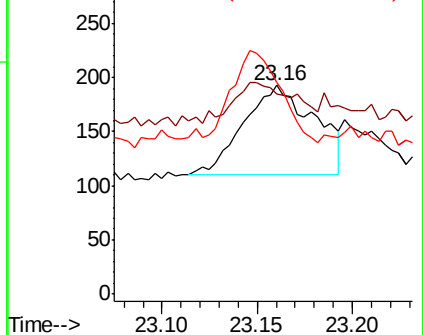
125 101.0 4.6 7.0#

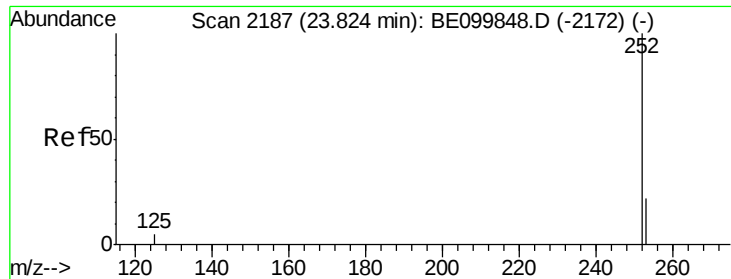


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.003 ng

RT: 23.82 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606

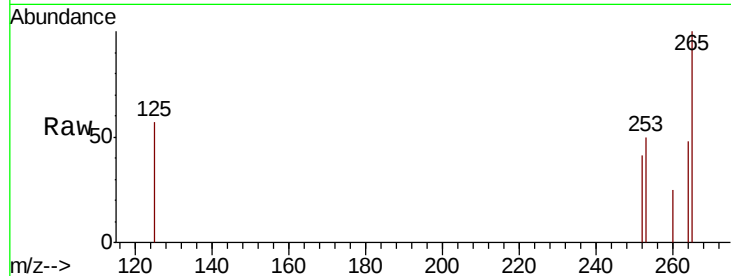
Tgt Ion: 252 Resp: 101

Ion Ratio Lower Upper

252 100

253 122.8 19.3 28.9#

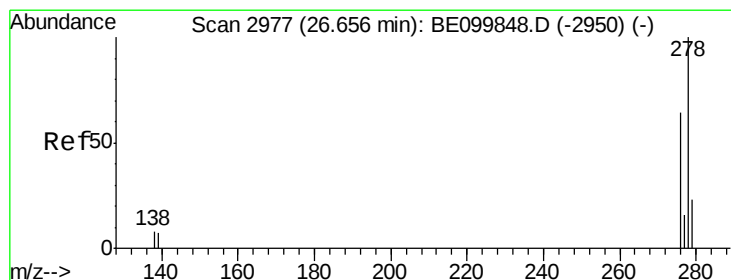
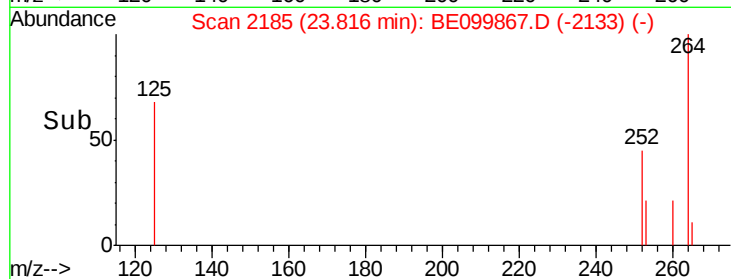
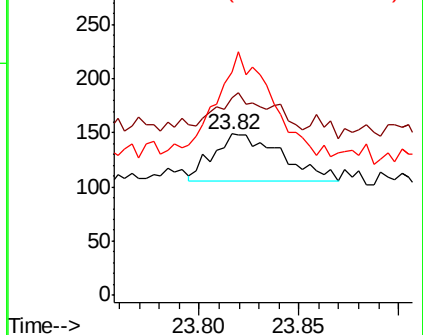
125 138.3 10.2 15.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.66 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BE099867.D

Acq: 7 Jun 2019 23:54

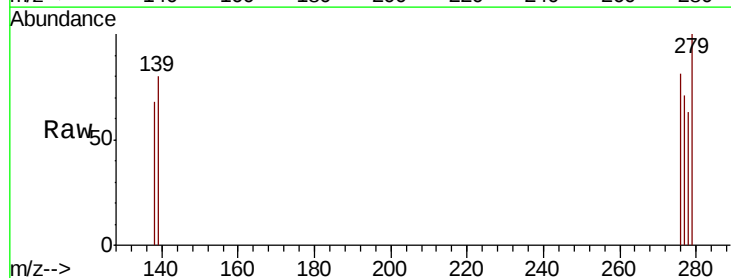
Tgt Ion: 278 Resp: 1

Ion Ratio Lower Upper

278 100

139 126.4 7.9 11.9#

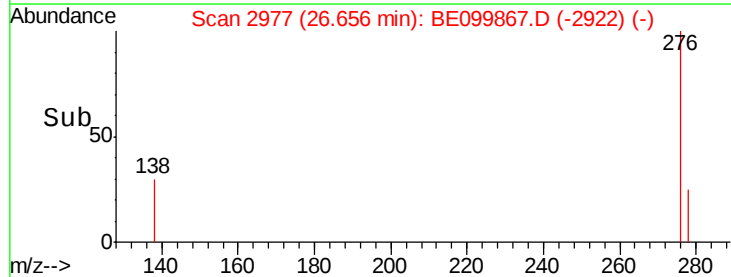
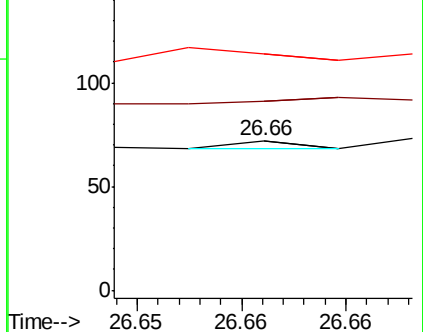
279 158.3 18.5 27.7#

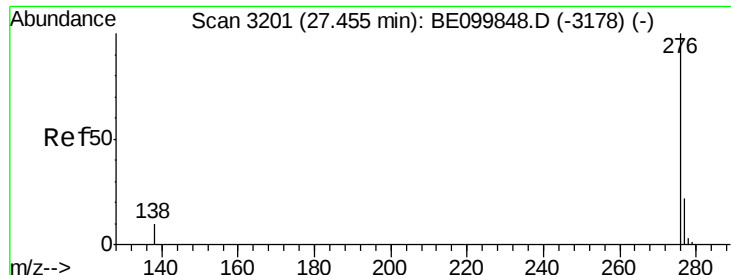


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 27.45 min Scan# 3200

Delta R.T. -0.01 min

Lab File: BE099867.D

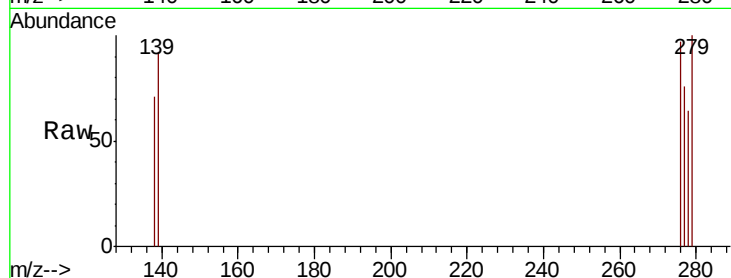
Acq: 7 Jun 2019 23:54

Instrument :

BNA_E

ClientSampleId :

BP-DUP05-20190606



Tgt Ion: 276 Resp: 48

Ion Ratio Lower Upper

276 100

277 78.2 19.6 29.4#

138 73.3 9.0 13.4#

