

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061119\
 Data File : BE099922.D
 Acq On : 11 Jun 2019 13:53
 Operator : JU/SJ
 Sample : PB120465BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB120465BS

Quant Time: Jun 12 03:42:48 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	7.78	152	924	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3314	0.40	ng	-0.01
13) Acenaphthene-d10	14.44	164	2464	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	8531	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	12114	0.40	ng	-0.04
34) Perylene-d12	23.87	264	13581	0.40	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	815	0.33	ng	0.00
5) Phenol-d6	6.96	99	1079	0.34	ng	0.00
8) Nitrobenzene-d5	8.95	82	1054	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.18	152	2663	0.46	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	398	0.22	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	3030	0.32	ng	-0.03
25) Fluoranthene-d10	19.22	212	42327	0.34	ng	-0.03
29) Terphenyl-d14	19.82	244	8879	0.41	ng	-0.03

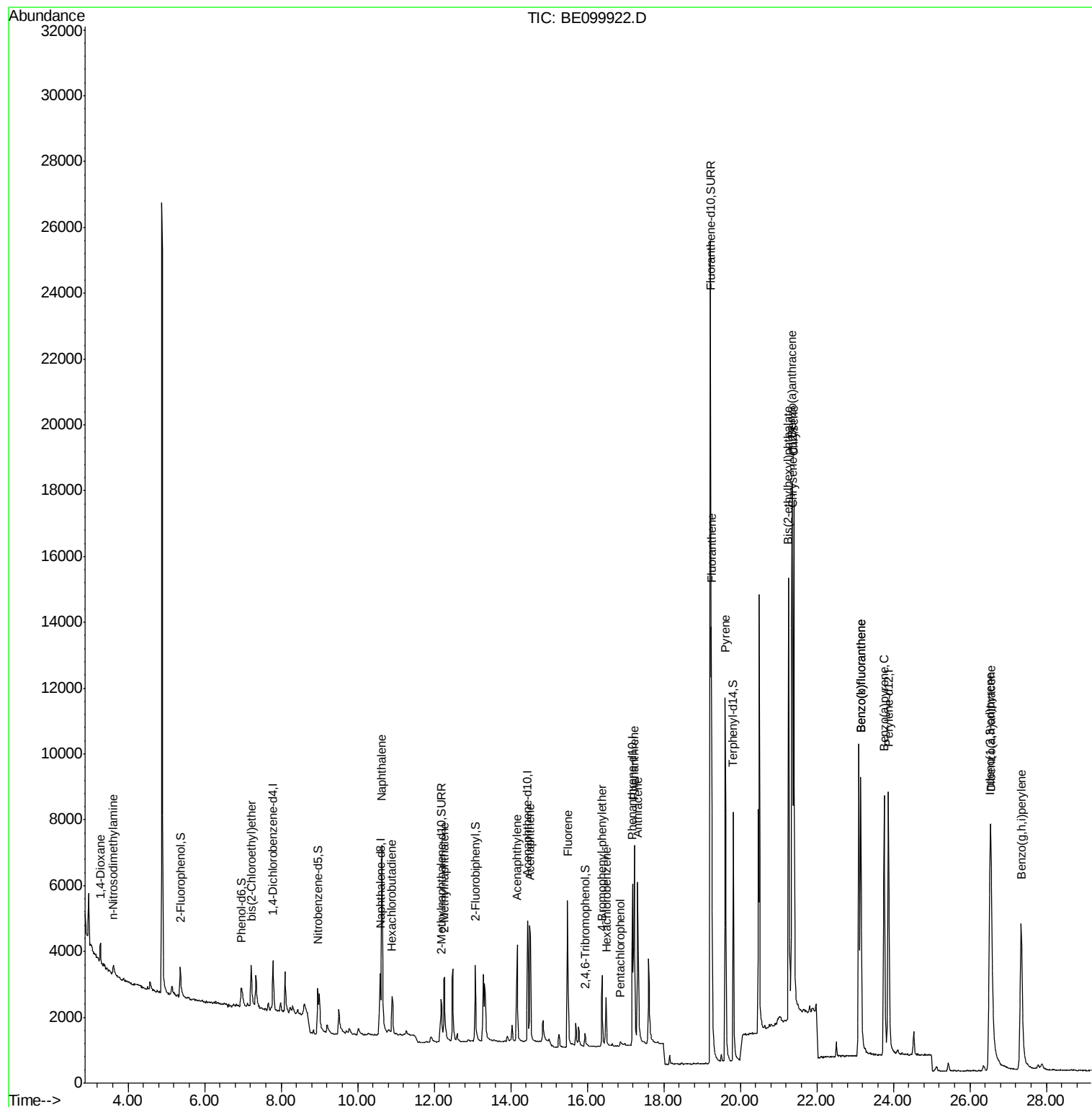
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	464	0.339	ng	# 75
3) n-Nitrosodimethylamine	3.61	42	196	0.249	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	811	0.309	ng	# 90
9) Naphthalene	10.63	128	12558	0.351	ng	99
10) Hexachlorobutadiene	10.90	225	933	0.342	ng	97
12) 2-Methylnaphthalene	12.27	142	2027	0.349	ng	97
16) Acenaphthylene	14.17	152	3983	0.325	ng	99
17) Acenaphthene	14.50	154	2235	0.335	ng	98
18) Fluorene	15.49	166	3448	0.344	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	1612	0.334	ng	99
21) Hexachlorobenzene	16.49	284	1619	0.328	ng	99
22) Pentachlorophenol	16.87	266	210	0.388	ng	97
23) Phenanthrene	17.23	178	6978	0.337	ng	99
24) Anthracene	17.32	178	6408	0.338	ng	99
26) Fluoranthene	19.25	202	12557	0.357	ng	99
28) Pyrene	19.61	202	13180	0.414	ng	99
30) Benzo(a)anthracene	21.35	228	14192	0.392	ng	97
31) Chrysene	21.40	228	14531	0.388	ng	100
32) Bis(2-ethylhexyl)phthalate	21.26	149	20092	0.387	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	17013	0.383	ng	# 93
35) Benzo(b)fluoranthene	23.15	252	15009	0.394	ng	99
36) Benzo(k)fluoranthene	23.15	252	15009	0.377	ng	100
37) Benzo(a)pyrene	23.76	252	14144	0.377	ng	# 91
38) Dibenzo(a,h)anthracene	26.56	278	13669	0.362	ng	98
39) Benzo(g,h,i)perylene	27.34	276	14615	0.375	ng	99

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

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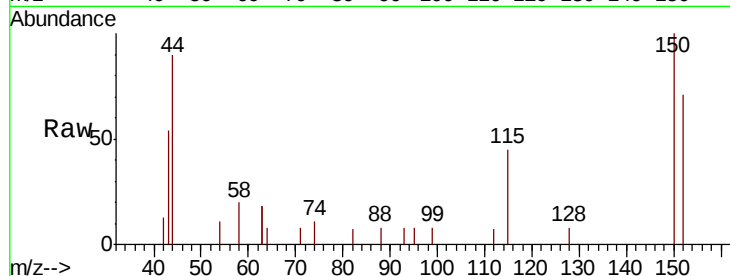


#1

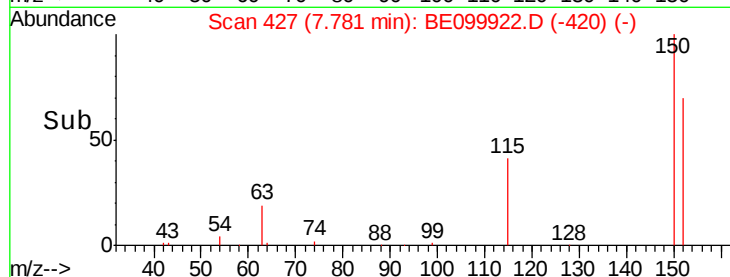
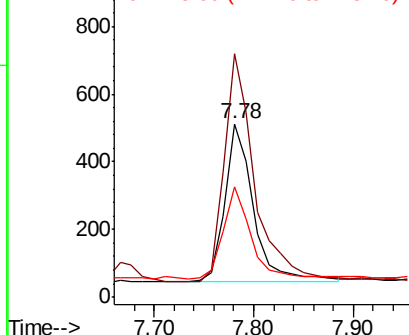
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion: 152 Resp: 924
Ion Ratio Lower Upper
152 100
150 140.4 111.0 166.6
115 63.7 50.7 76.1



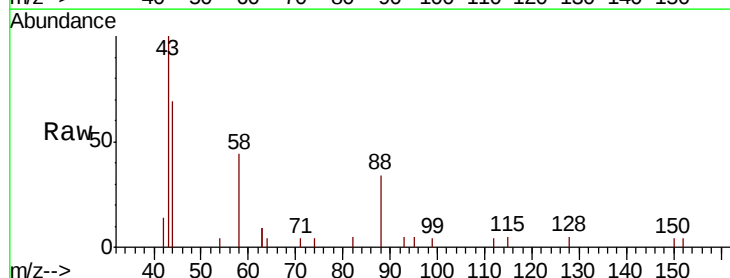
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



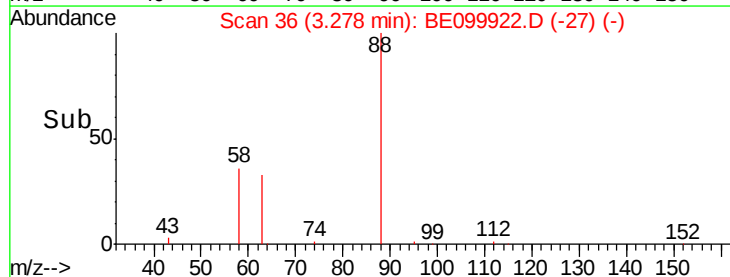
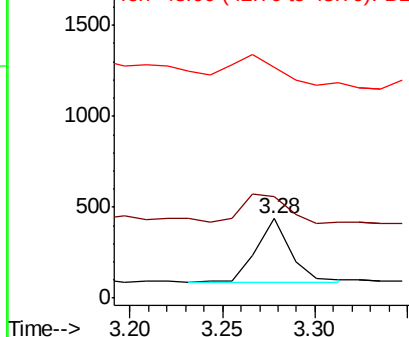
#2

1,4-Dioxane
Concen: 0.339 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion: 88 Resp: 464
Ion Ratio Lower Upper
88 100
58 57.1 48.8 73.2
43 60.6 19.0 28.6#



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: 0.249 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.01 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

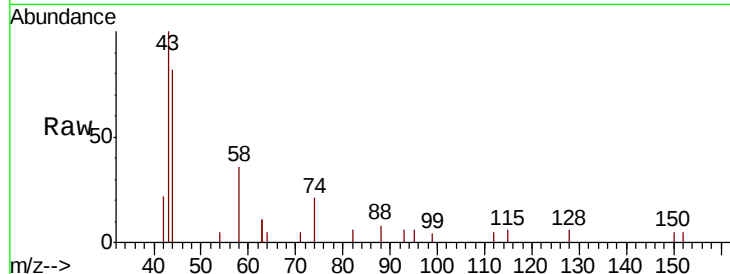
Tgt Ion: 42 Resp: 196

Ion Ratio Lower Upper

42 100

74 199.0 0.0 0.0#

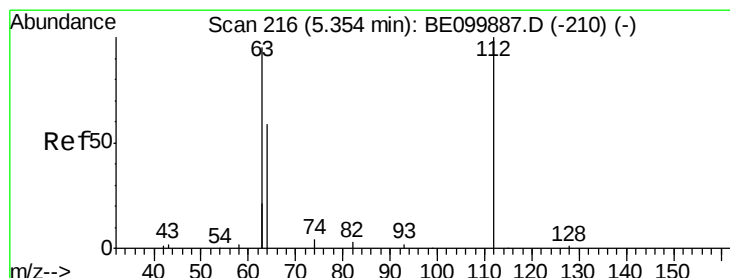
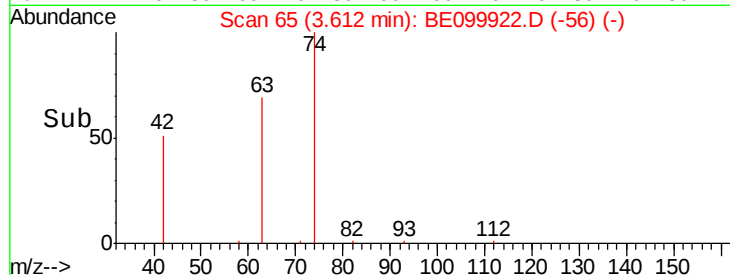
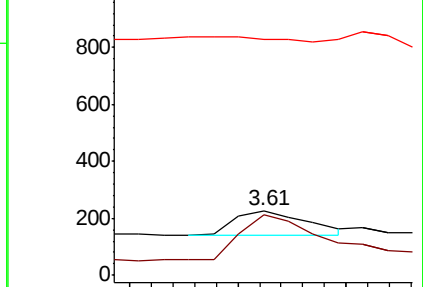
44 0.0 0.0 0.0



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: 0.327 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

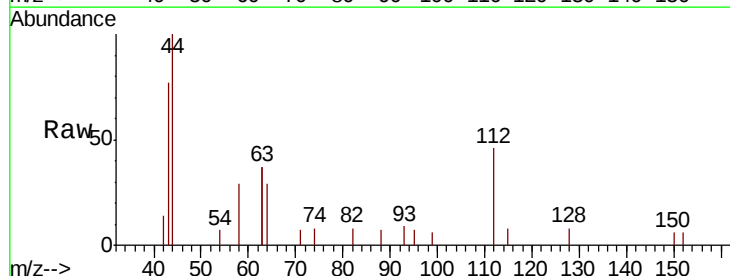
Tgt Ion: 112 Resp: 815

Ion Ratio Lower Upper

112 100

64 58.5 44.1 66.1

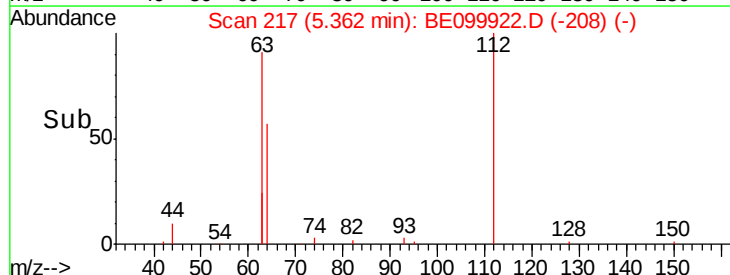
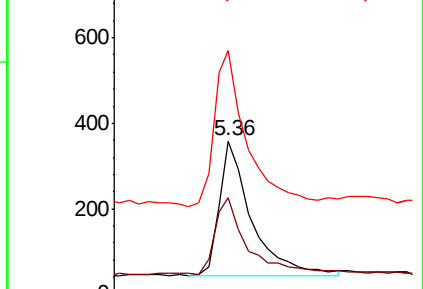
63 118.0 87.8 131.6



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: 0.336 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

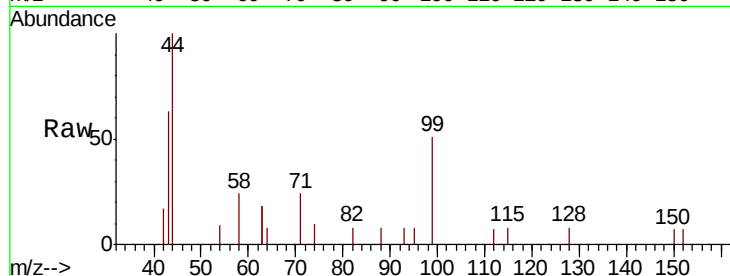
Tgt Ion: 99 Resp: 1079

Ion Ratio Lower Upper

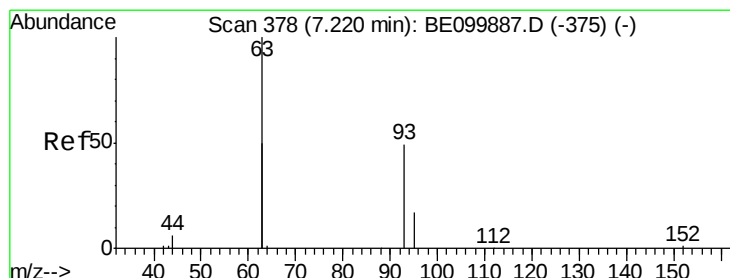
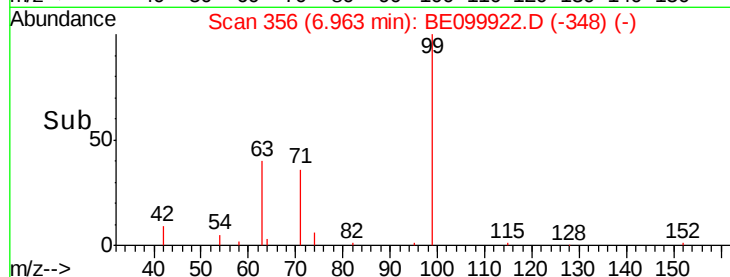
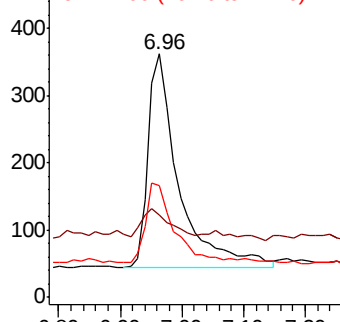
99 100

42 11.5 15.9 23.9#

71 34.5 34.6 52.0#



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: 0.309 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

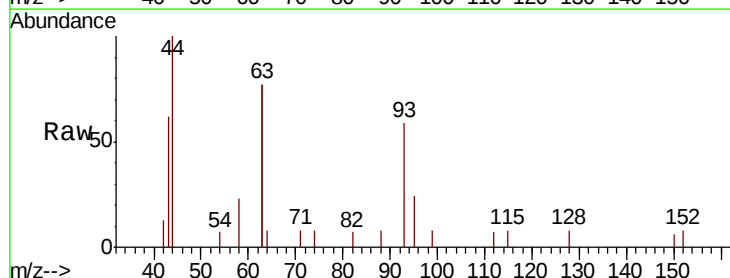
Tgt Ion: 93 Resp: 811

Ion Ratio Lower Upper

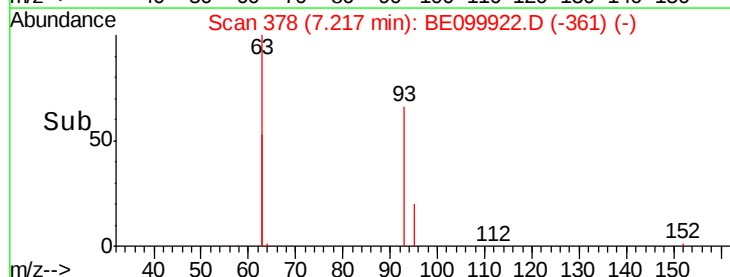
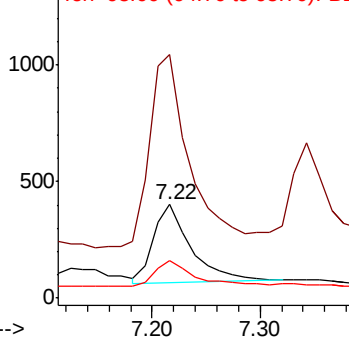
93 100

63 269.4 202.8 304.2

95 39.2 23.7 35.5#



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: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

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Tgt Ion: 136 Resp: 3314

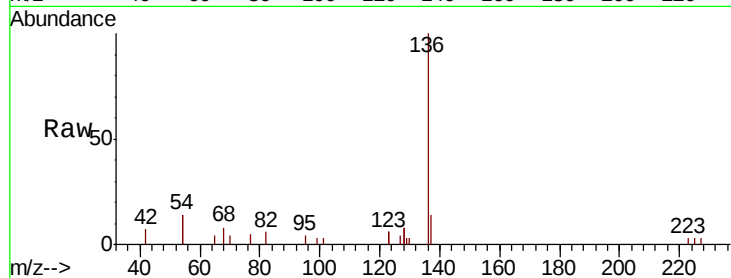
Ion Ratio Lower Upper

136 100

137 13.8 12.3 18.5

54 27.9 28.2 42.4#

68 7.8 7.8 11.8#

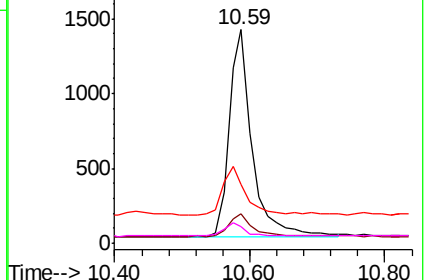
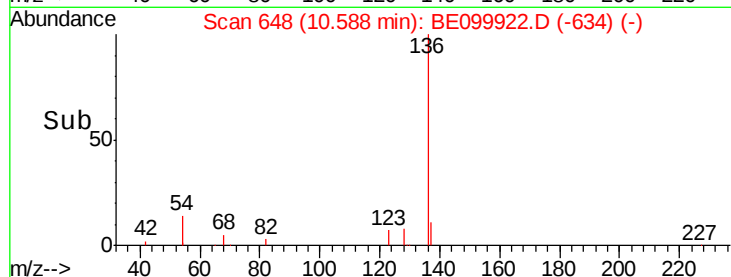


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.336 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

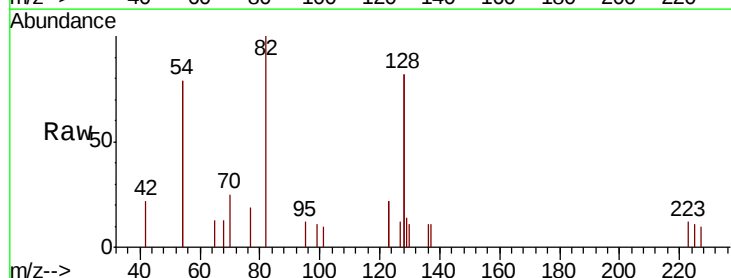
Tgt Ion: 82 Resp: 1054

Ion Ratio Lower Upper

82 100

128 163.9 137.3 205.9

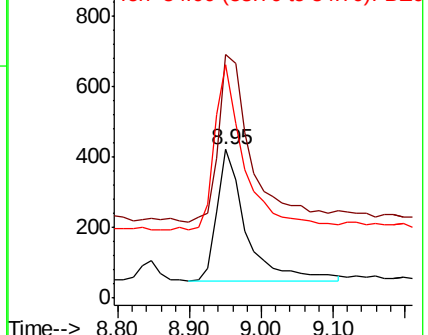
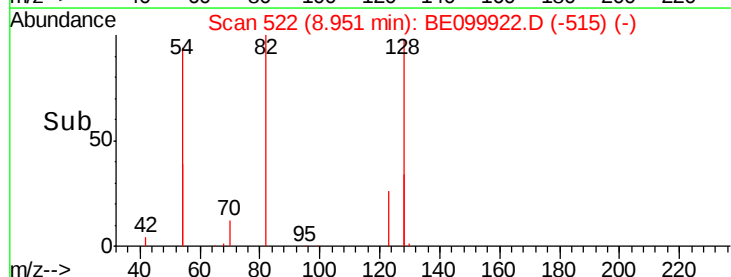
54 157.2 129.7 194.5

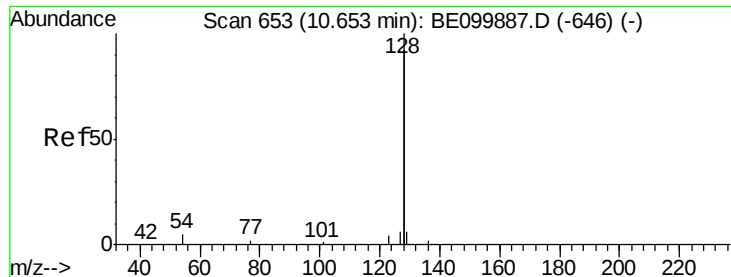


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

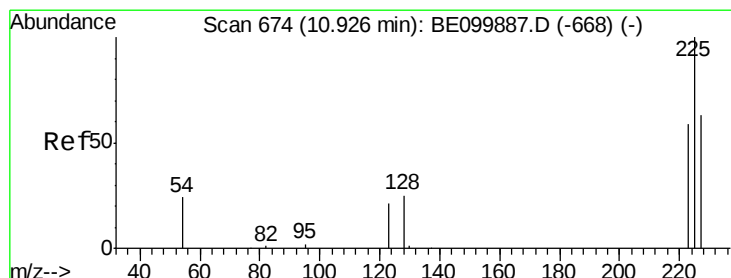
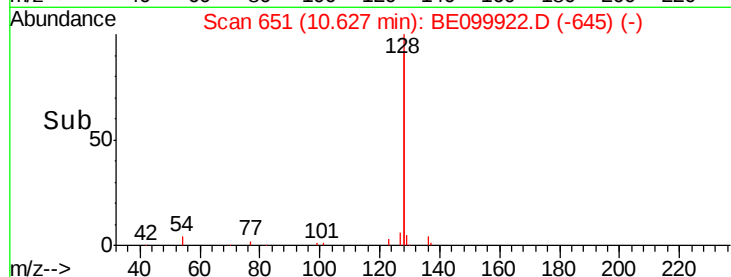
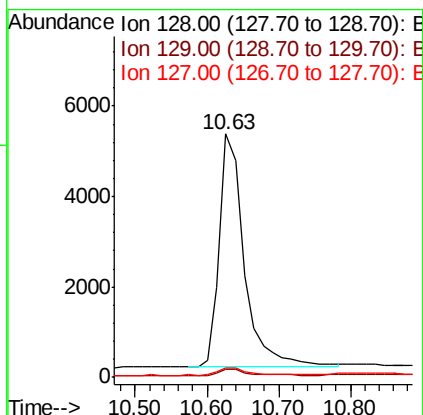
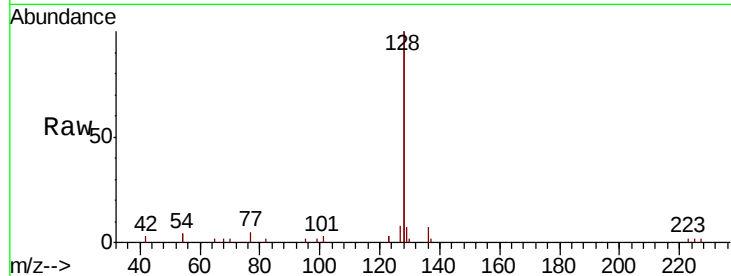




#9
Naphthalene
Concen: 0.351 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

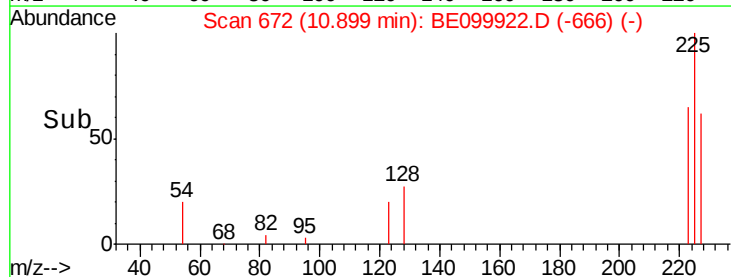
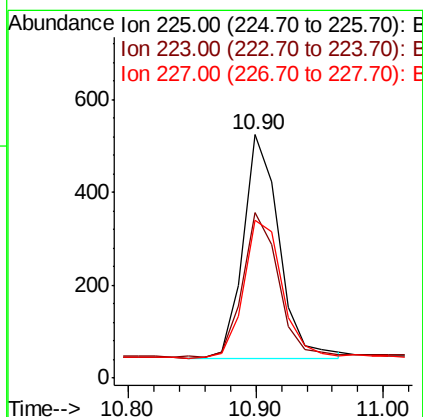
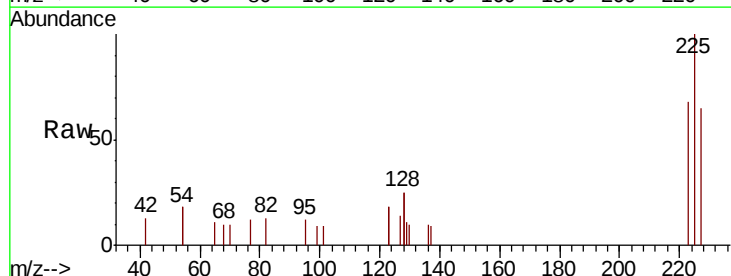
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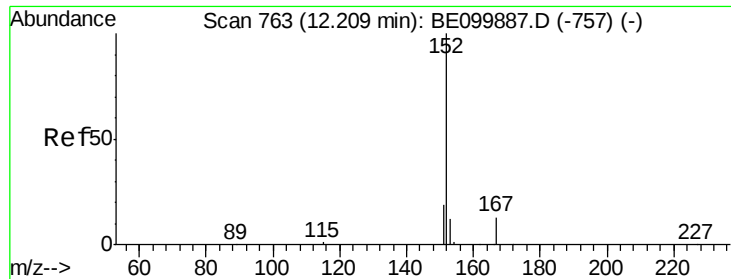
Tgt Ion:	128	Resp:	12558
Ion	Ratio	Lower	Upper
128	100		
129	3.3	3.0	4.6
127	4.0	3.4	5.0



#10
Hexachlorobutadiene
Concen: 0.342 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:	225	Resp:	933
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.6	77.4
227	66.8	50.6	76.0

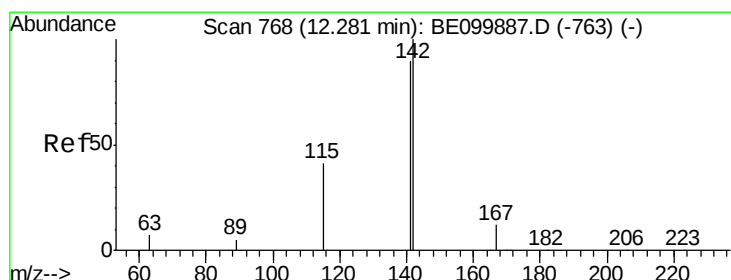
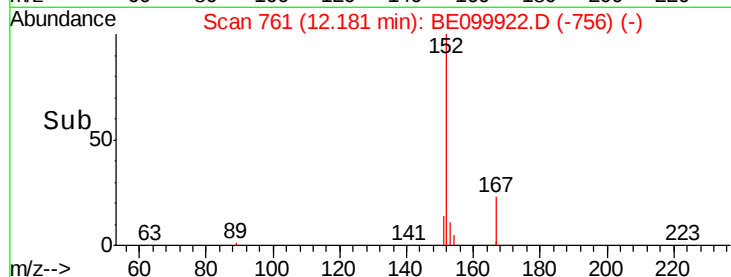
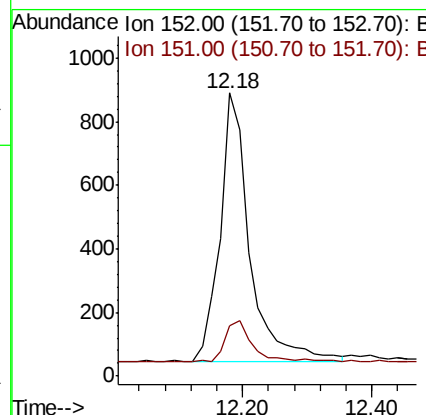
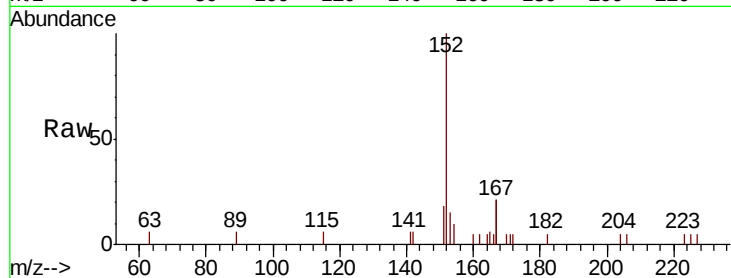




#11
 2-Methylnaphthalene-d10
 Concen: 0.461 ng
 RT: 12.18 min Scan# 761
 Delta R.T. -0.03 min
 Lab File: BE099922.D
 Acq: 11 Jun 2019 13:53

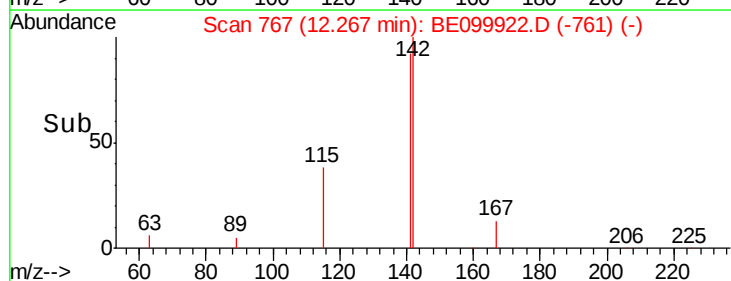
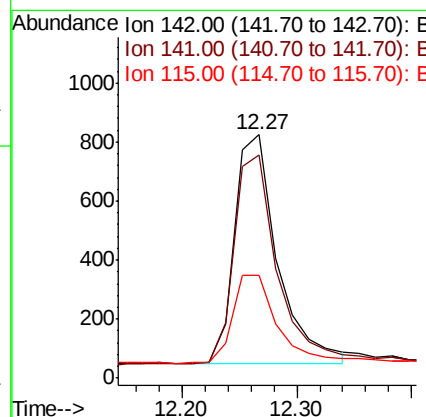
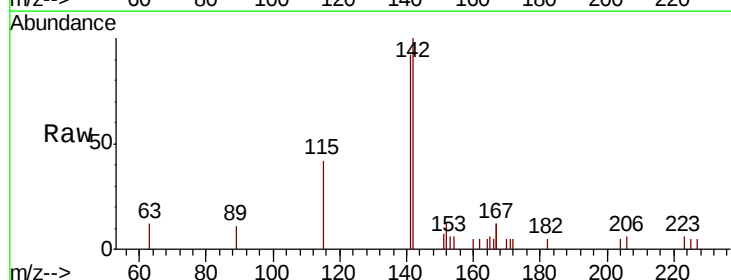
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 ClientSampleId :
 PB120465BS

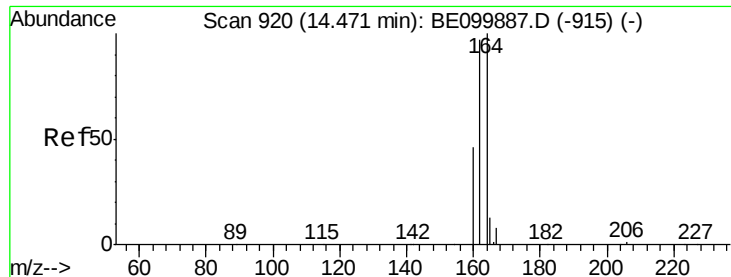
Tgt Ion:152 Resp: 2663
 Ion Ratio Lower Upper
 152 100
 151 14.4 15.2 22.8#



#12
 2-Methylnaphthalene
 Concen: 0.349 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BE099922.D
 Acq: 11 Jun 2019 13:53

Tgt Ion:142 Resp: 2027
 Ion Ratio Lower Upper
 142 100
 141 91.9 72.3 108.5
 115 42.1 36.4 54.6

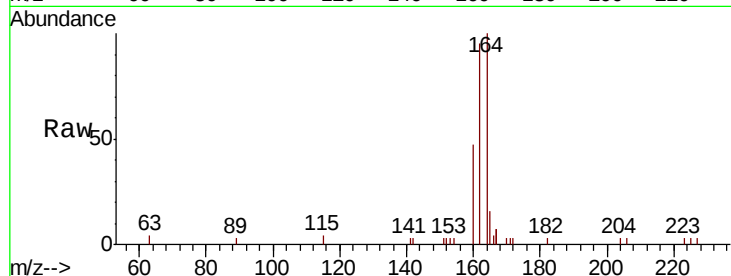




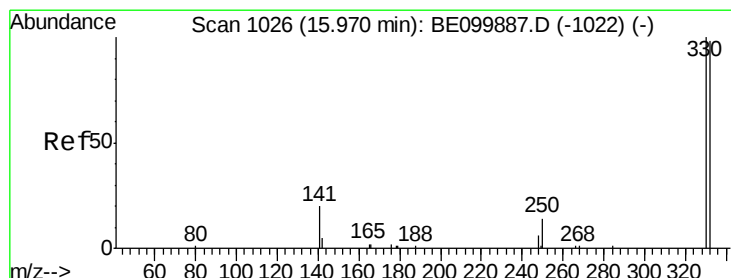
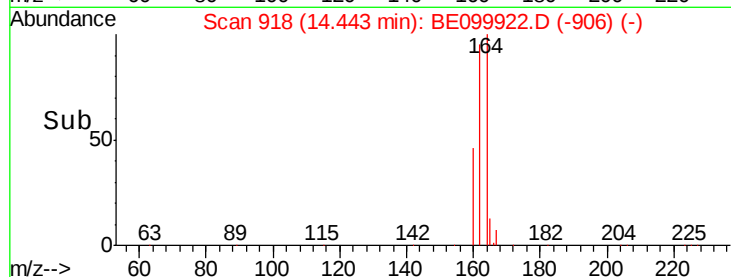
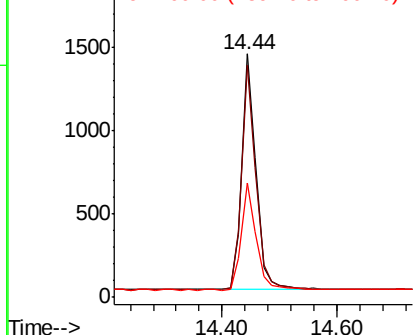
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.44 min Scan# 918
 Delta R.T. -0.03 min
 Lab File: BE099922.D
 Acq: 11 Jun 2019 13:53

Instrument :
 BNA_E
 ClientSampleId :
 PB120465BS

Tgt Ion:164 Resp: 2464
 Ion Ratio Lower Upper
 164 100
 162 95.2 77.8 116.8
 160 47.1 38.2 57.4

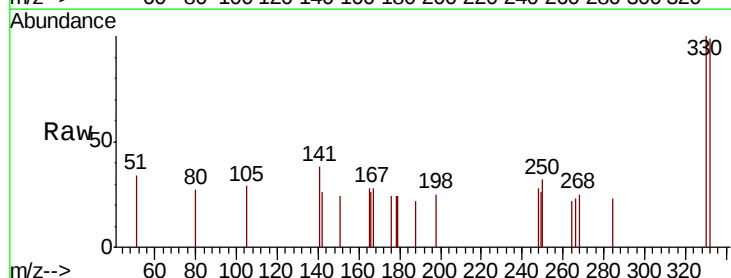


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

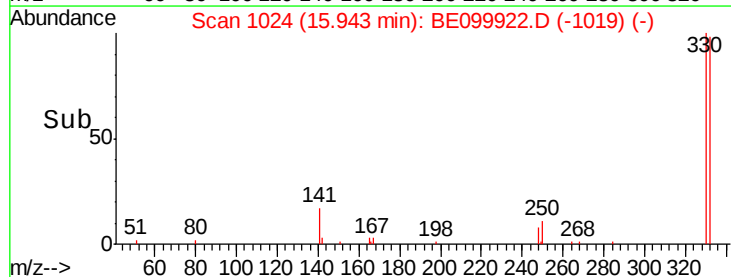
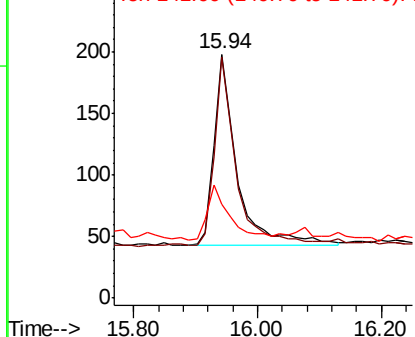


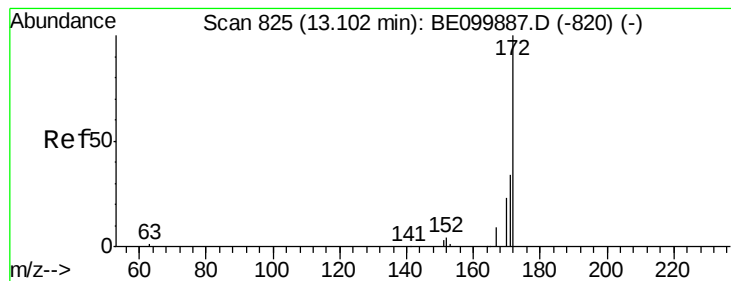
#14
 2,4,6-Tribromophenol
 Concen: 0.219 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.03 min
 Lab File: BE099922.D
 Acq: 11 Jun 2019 13:53

Tgt Ion:330 Resp: 398
 Ion Ratio Lower Upper
 330 100
 332 91.5 76.7 115.1
 141 28.4 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: 0.324 ng

RT: 13.07 min Scan# 823

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

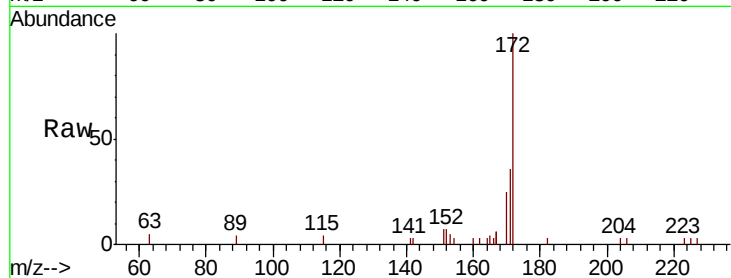
Tgt Ion:172 Resp: 3030

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

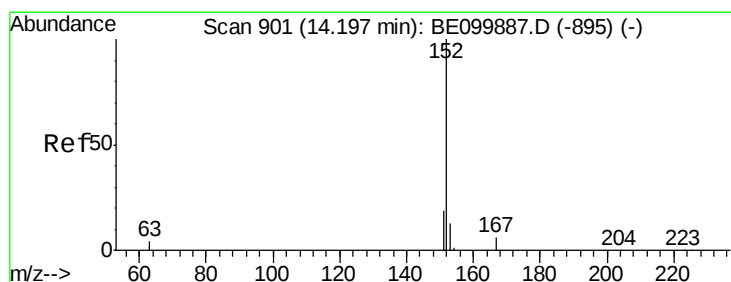
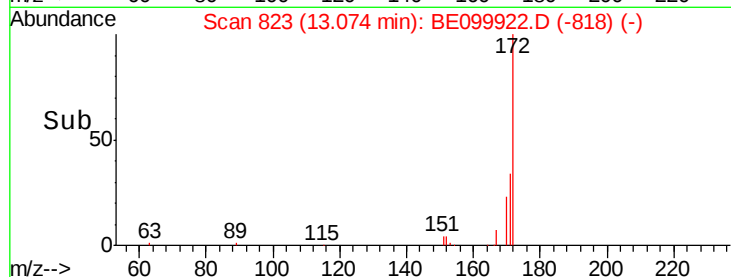
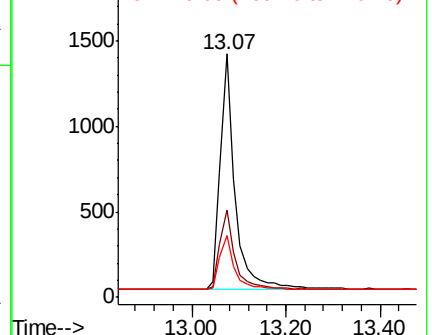
170 25.4 21.2 31.8



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



#16

Acenaphthylene

Concen: 0.325 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

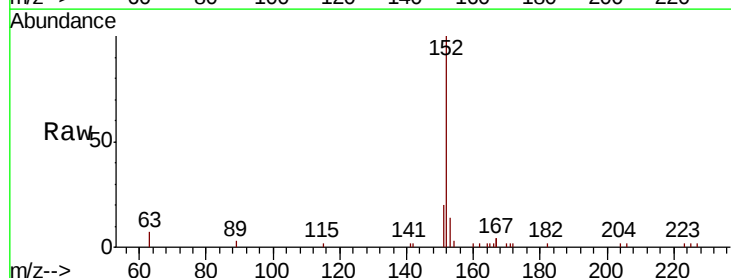
Tgt Ion:152 Resp: 3983

Ion Ratio Lower Upper

152 100

151 19.2 15.5 23.3

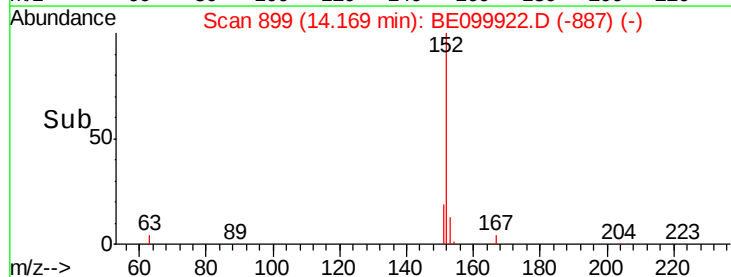
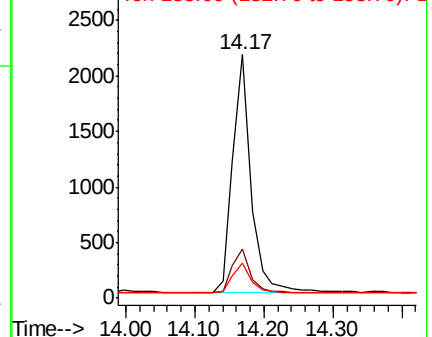
153 13.1 10.2 15.2

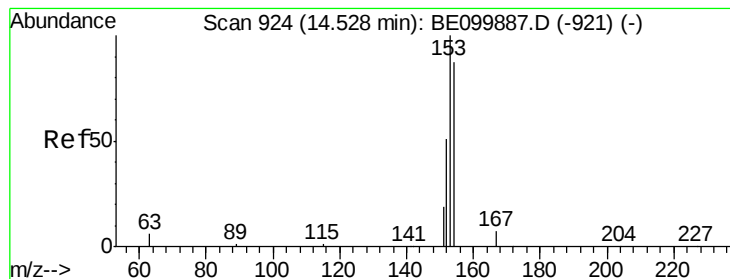


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.335 ng

RT: 14.50 min Scan# 922

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

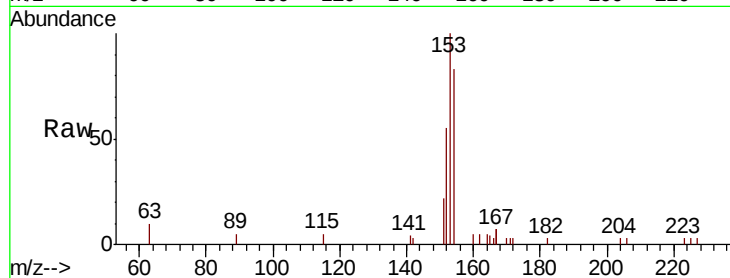
Tgt Ion:154 Resp: 2235

Ion Ratio Lower Upper

154 100

153 118.0 93.1 139.7

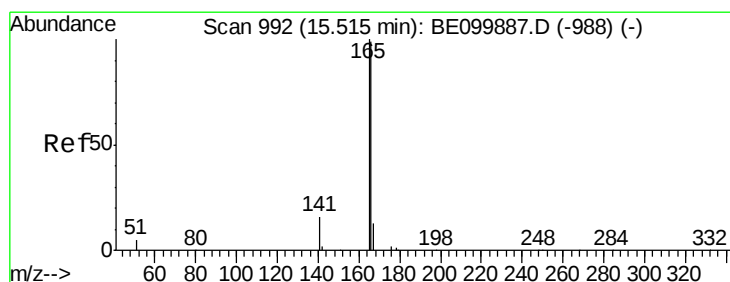
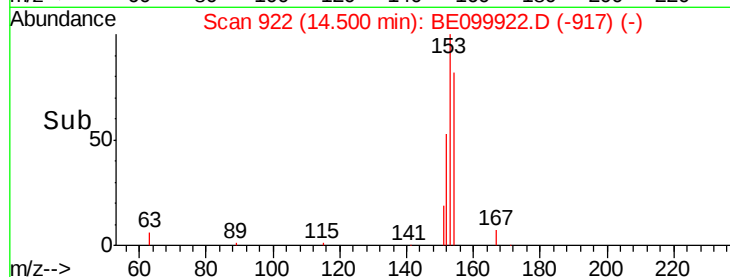
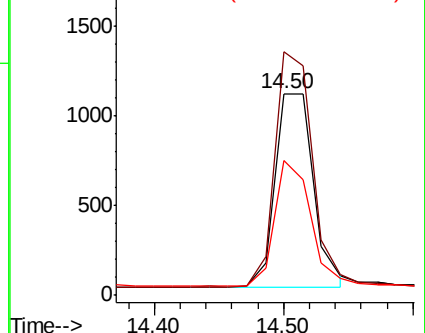
152 61.0 47.0 70.4



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: 0.344 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

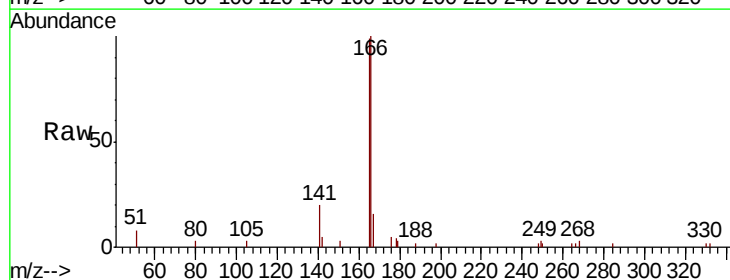
Tgt Ion:166 Resp: 3448

Ion Ratio Lower Upper

166 100

165 102.3 81.8 122.8

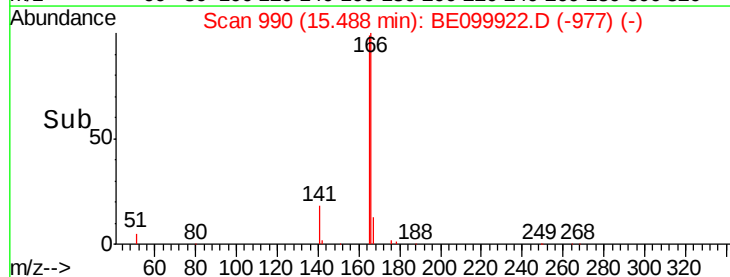
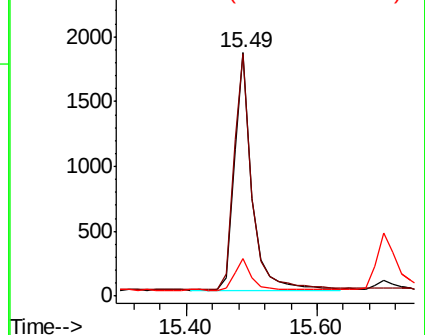
167 13.7 11.2 16.8



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: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

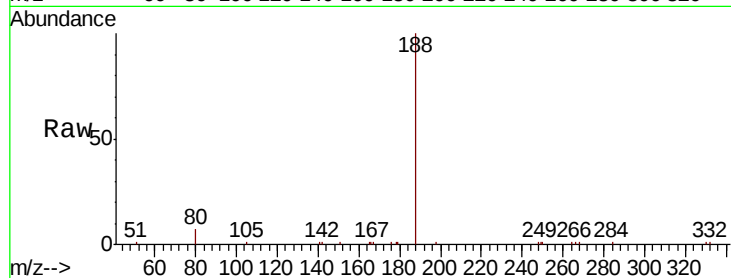
Tgt Ion:188 Resp: 8531

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

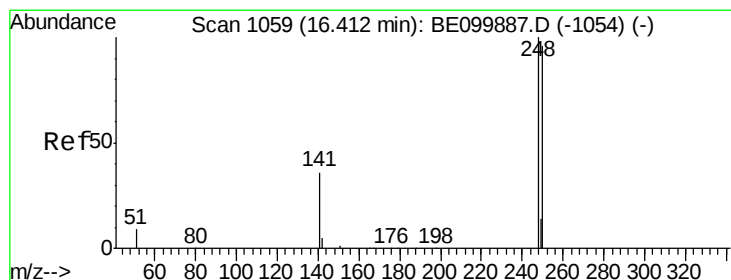
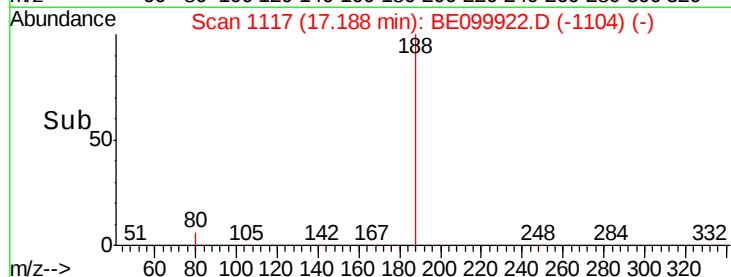
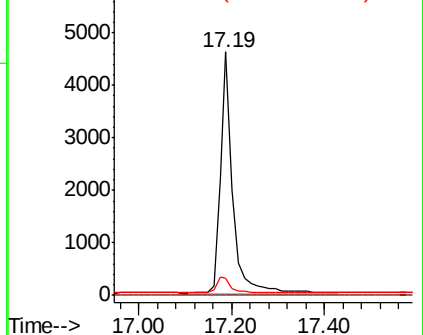
80 7.2 6.4 9.6



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



#20

4-Bromophenyl-phenylether

Concen: 0.334 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

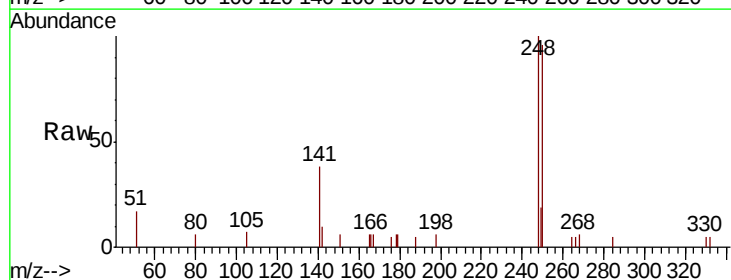
Tgt Ion:248 Resp: 1612

Ion Ratio Lower Upper

248 100

250 96.4 77.5 116.3

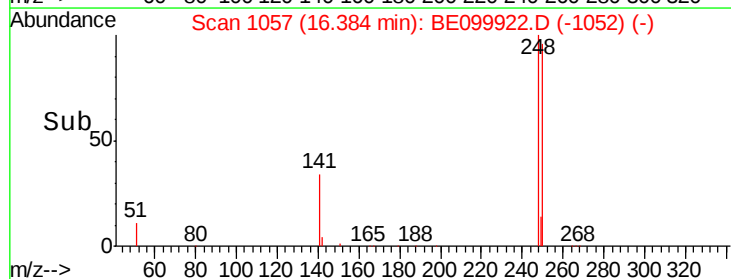
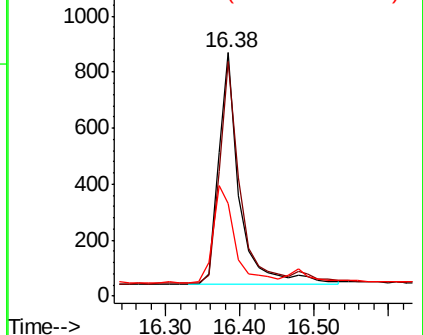
141 38.2 31.8 47.8



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

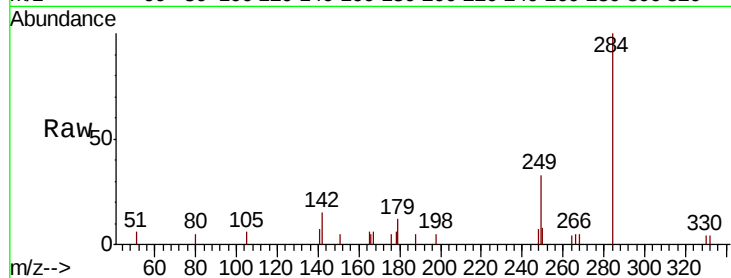




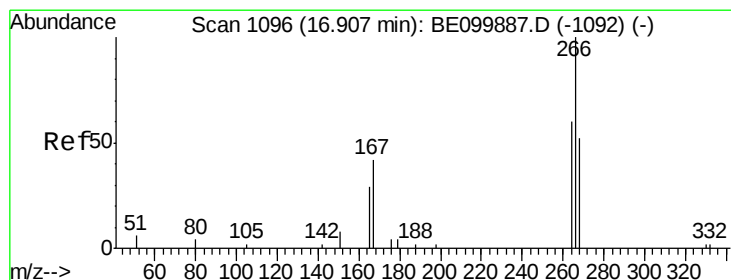
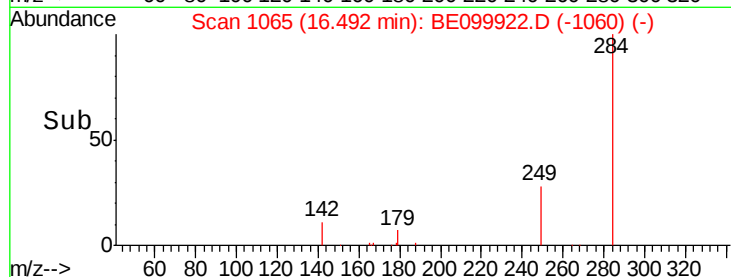
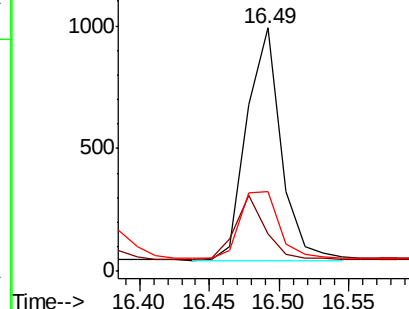
#21
Hexachlorobenzene
Concen: 0.328 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Instrument :
BNA_E
ClientSampleId :
PB120465BS

Tgt Ion:284 Resp: 1619
Ion Ratio Lower Upper
284 100
142 23.5 18.2 27.4
249 31.6 24.6 37.0

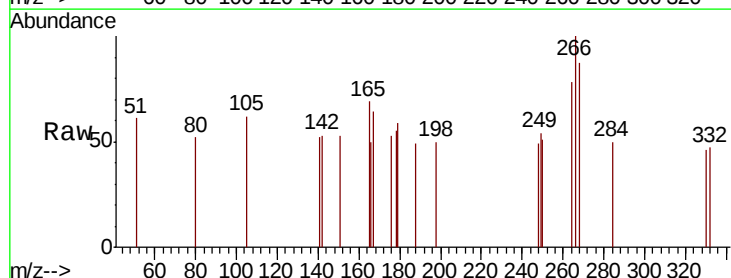


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

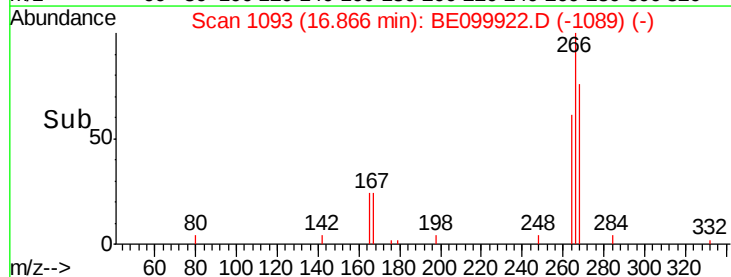
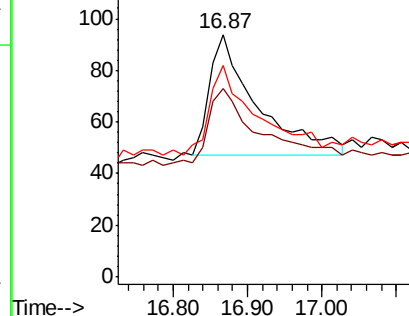


#22
Pentachlorophenol
Concen: 0.388 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE099922.D
Acq: 11 Jun 2019 13:53

Tgt Ion:266 Resp: 210
Ion Ratio Lower Upper
266 100
264 77.7 62.2 93.2
268 87.2 65.5 98.3



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





#23

Phenanthrene

Concen: 0.337 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

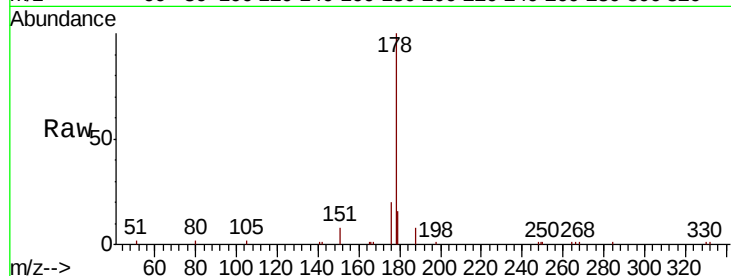
Tgt Ion:178 Resp: 6978

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

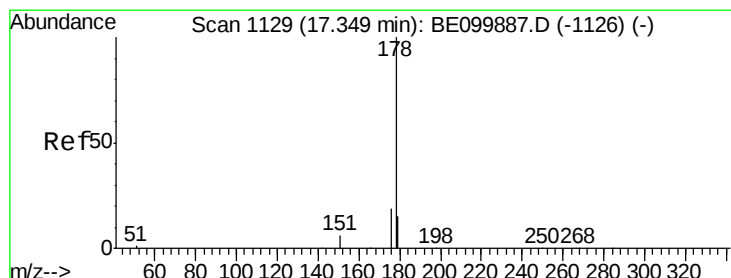
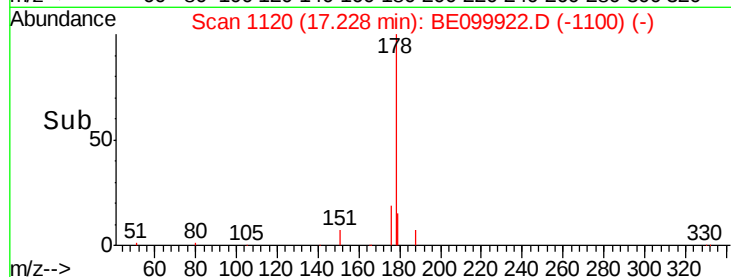
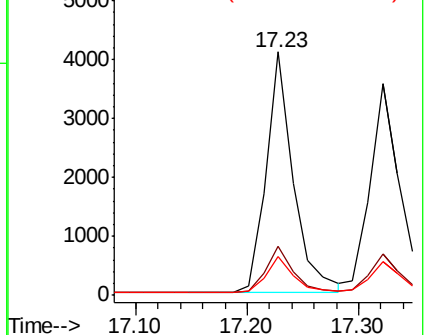
179 15.2 12.4 18.6



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: 0.338 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

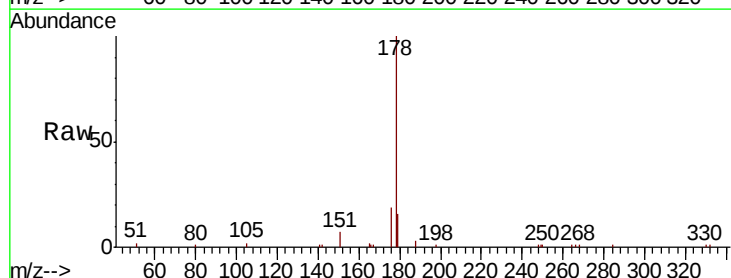
Tgt Ion:178 Resp: 6408

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

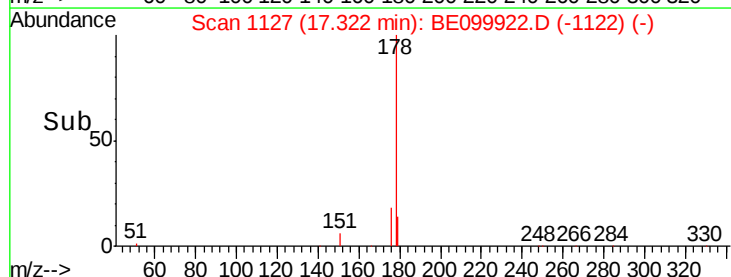
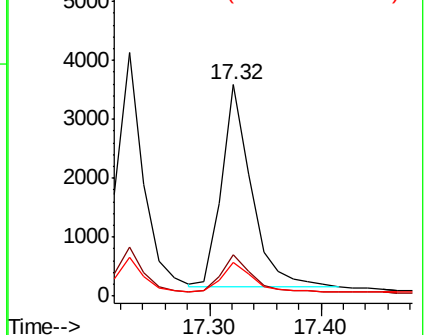
179 14.7 12.3 18.5



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: 0.341 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

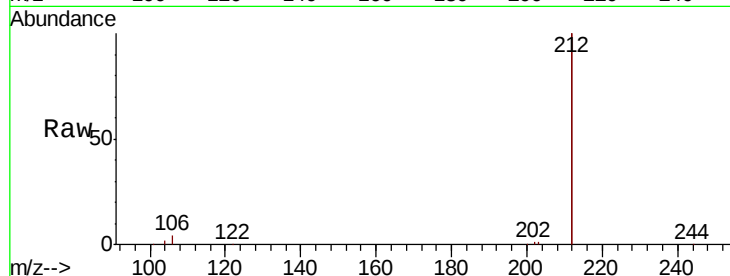
Tgt Ion:212 Resp: 42327

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

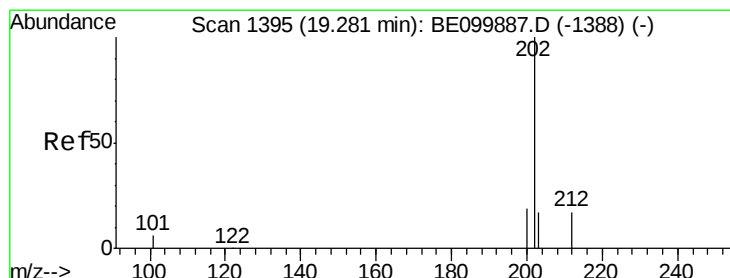
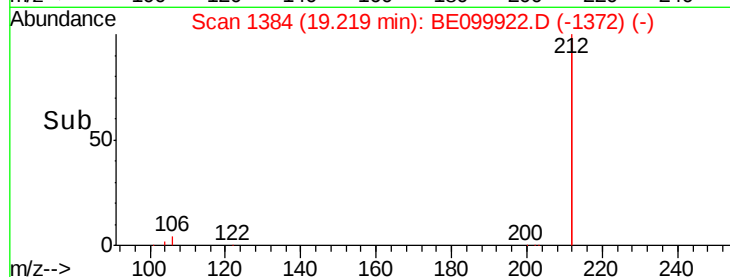
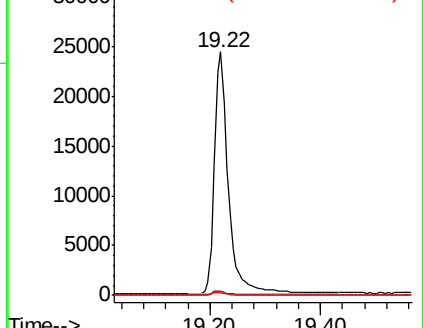
104 1.0 0.9 1.3



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.357 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

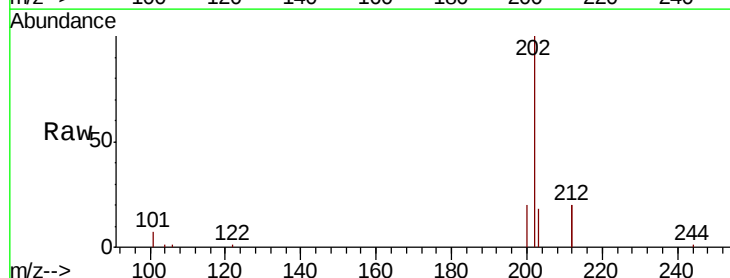
Tgt Ion:202 Resp: 12557

Ion Ratio Lower Upper

202 100

101 6.7 5.4 8.0

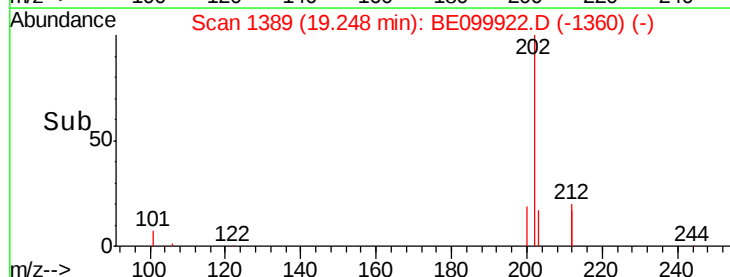
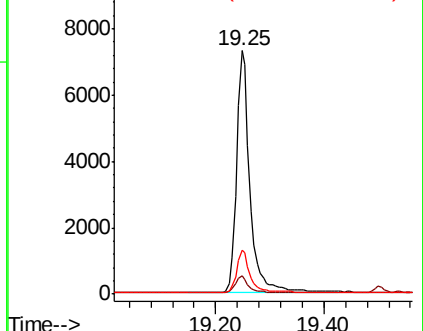
203 16.9 13.2 19.8



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: 21.37 min Scan# 1630

Delta R.T. -0.04 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

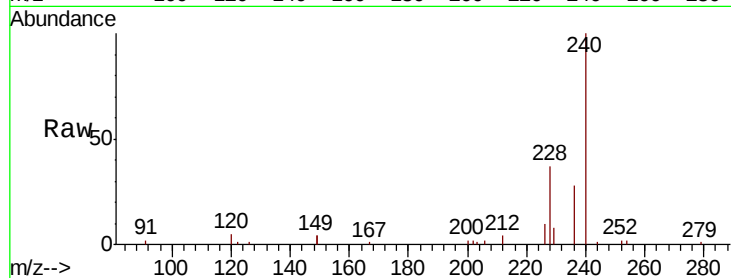
Tgt Ion:240 Resp: 12114

Ion Ratio Lower Upper

240 100

120 4.9 3.8 5.6

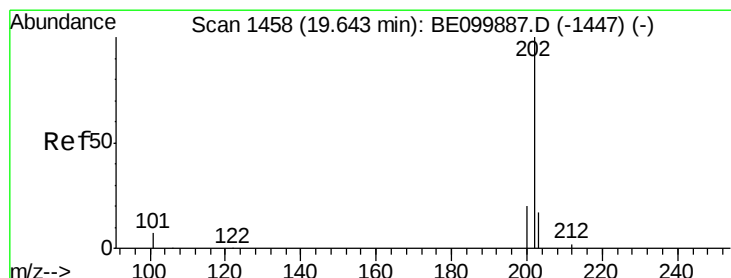
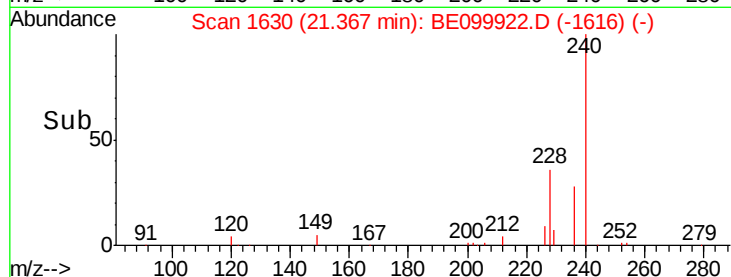
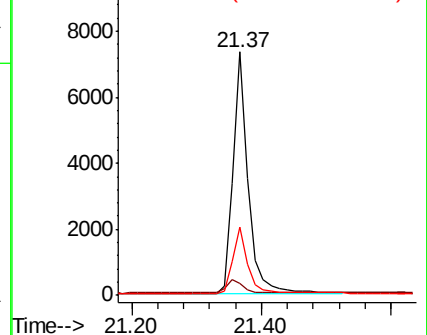
236 28.1 22.0 33.0



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: 0.414 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

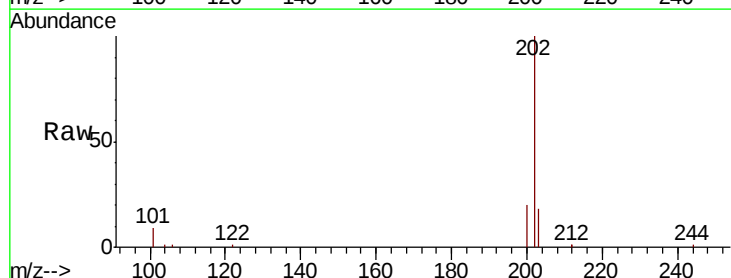
Tgt Ion:202 Resp: 13180

Ion Ratio Lower Upper

202 100

200 19.2 15.5 23.3

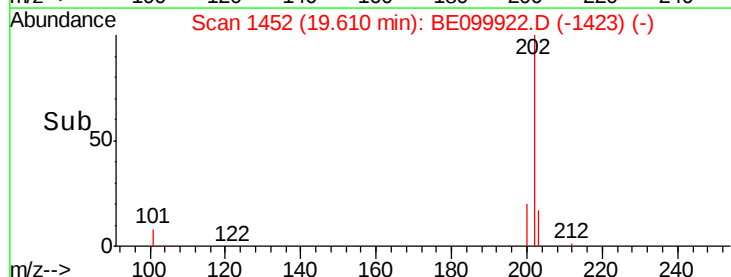
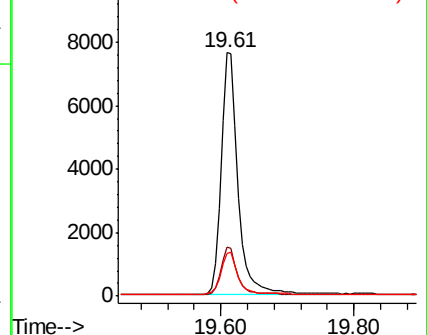
203 18.0 14.0 21.0

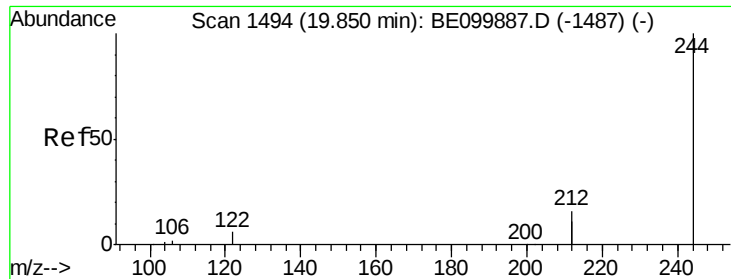


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.03 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

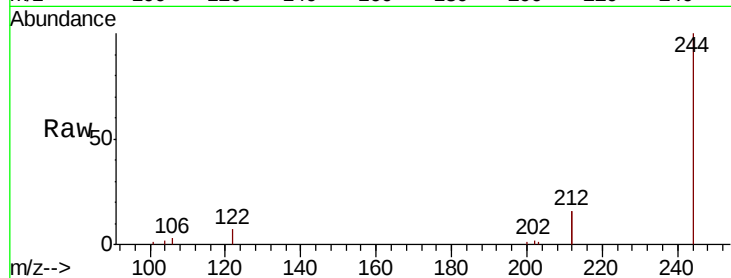
Tgt Ion:244 Resp: 8879

Ion Ratio Lower Upper

244 100

212 31.5 25.7 38.5

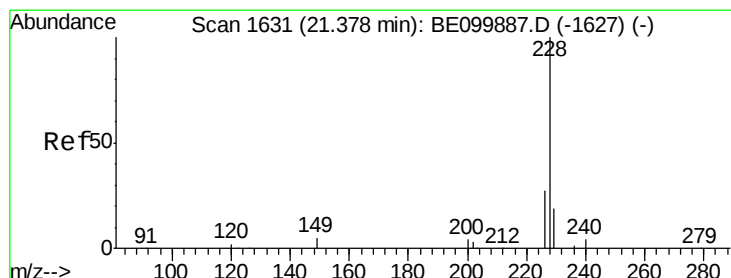
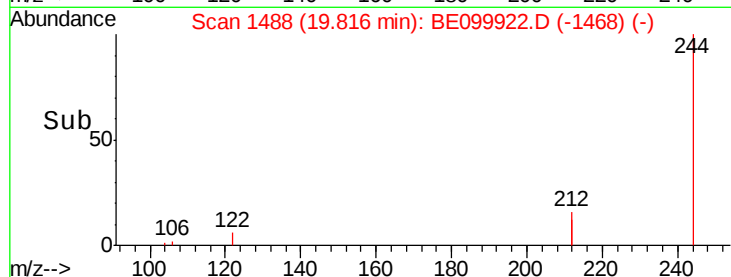
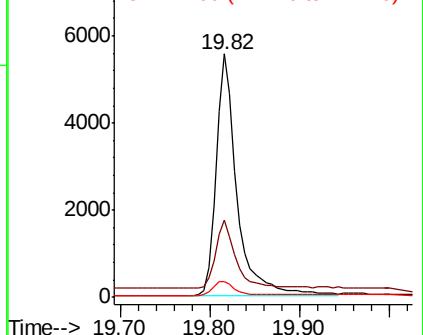
122 6.7 5.5 8.3



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: 0.392 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

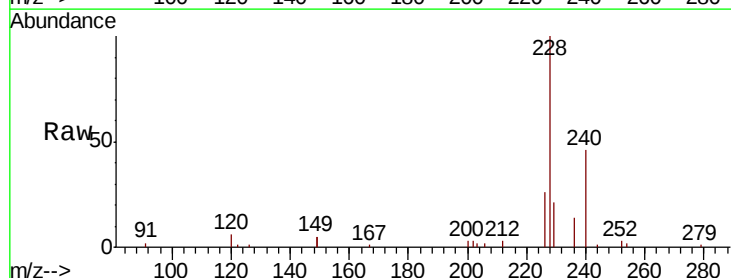
Tgt Ion:228 Resp: 14192

Ion Ratio Lower Upper

228 100

226 26.4 22.5 33.7

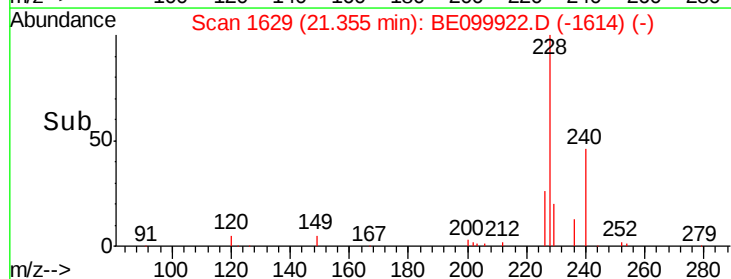
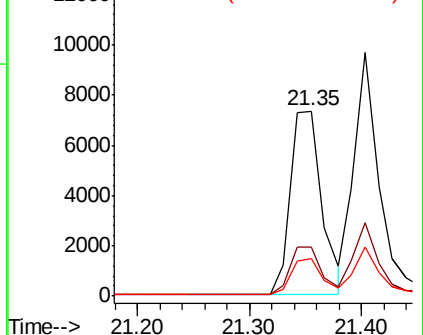
229 20.6 15.9 23.9



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: 0.388 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.04 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

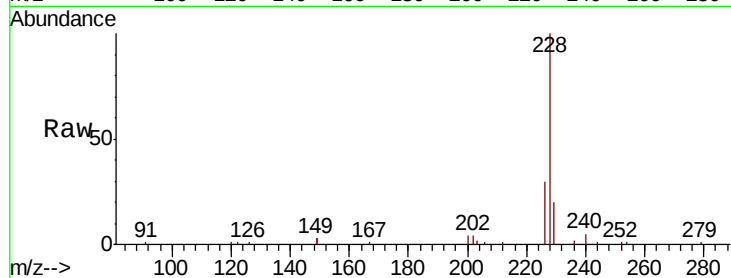
Tgt Ion: 228 Resp: 14531

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

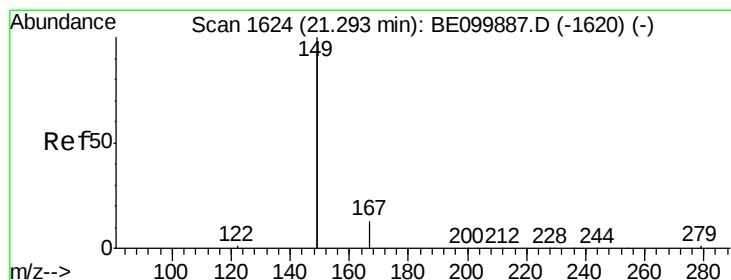
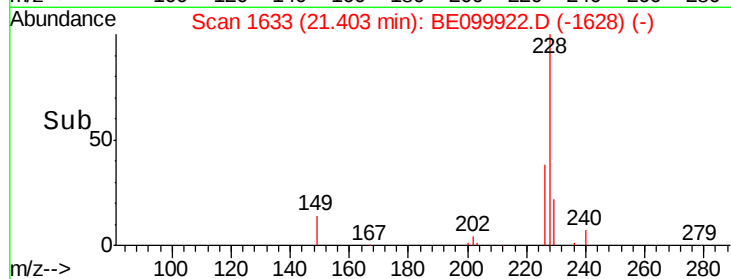
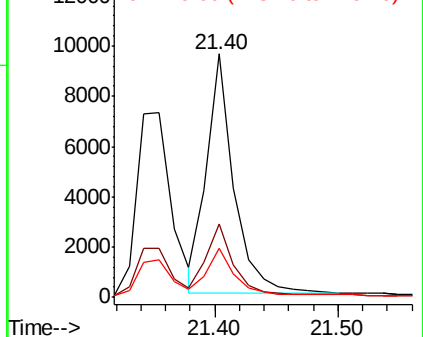
229 20.1 16.1 24.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.387 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.04 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

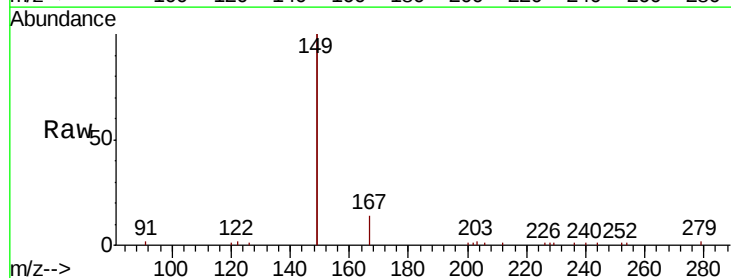
Tgt Ion: 149 Resp: 20092

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

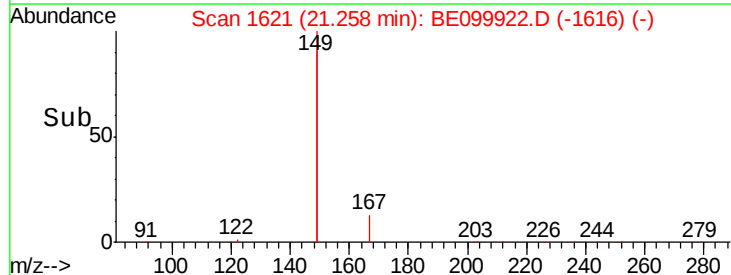
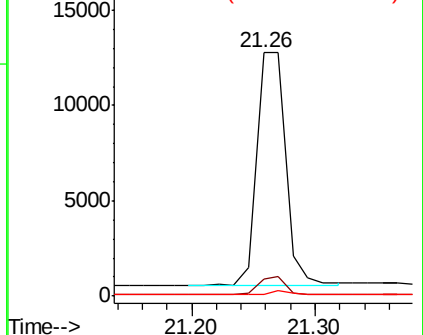
279 1.3 1.2 1.8

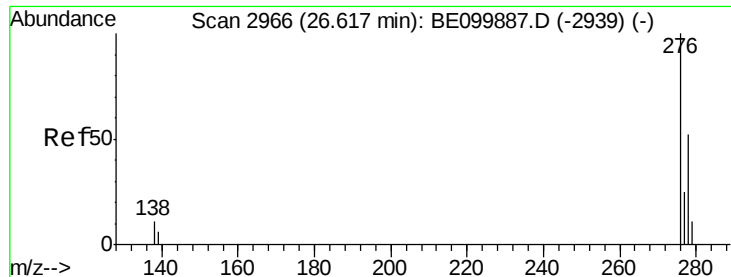


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.383 ng

RT: 26.52 min Scan# 2940

Delta R.T. -0.09 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

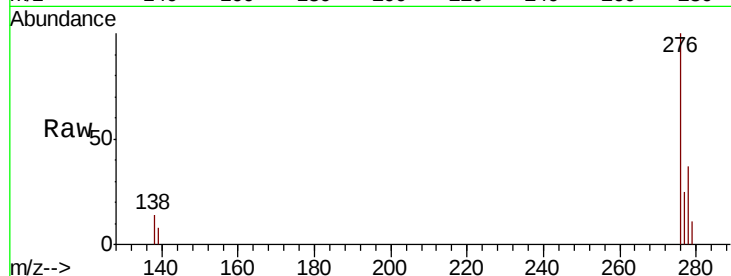
Tgt Ion:276 Resp: 17013

Ion Ratio Lower Upper

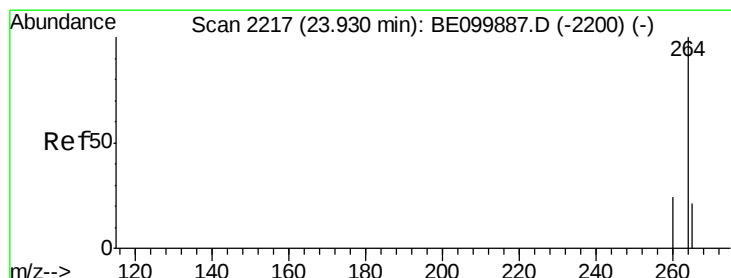
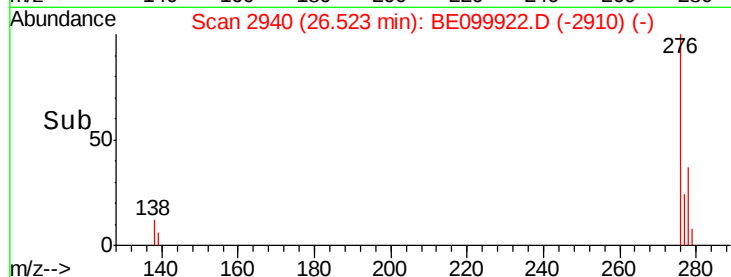
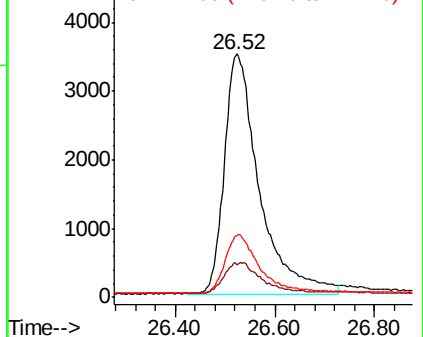
276 100

138 4.9 10.1 15.1#

277 24.2 19.1 28.7



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: 23.87 min Scan# 2201

Delta R.T. -0.06 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

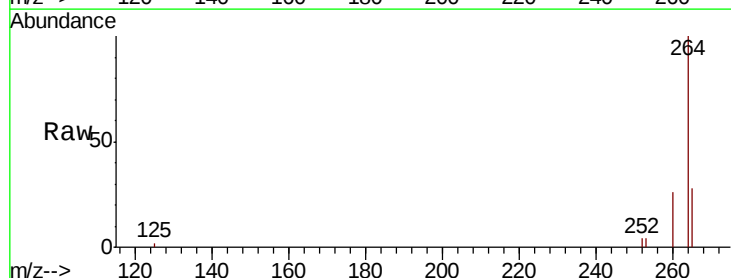
Tgt Ion:264 Resp: 13581

Ion Ratio Lower Upper

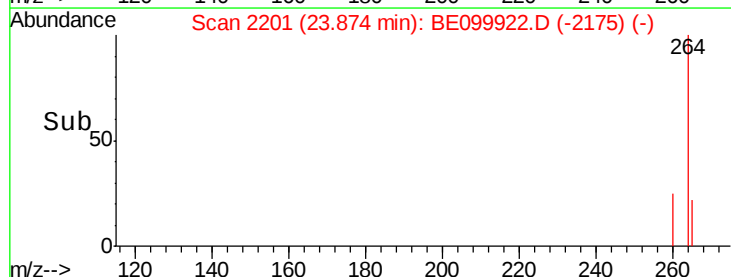
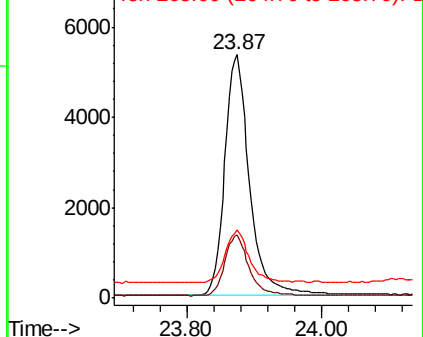
264 100

260 25.8 20.2 30.2

265 28.1 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





#35

Benzo(b)fluoranthene

Concen: 0.394 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS

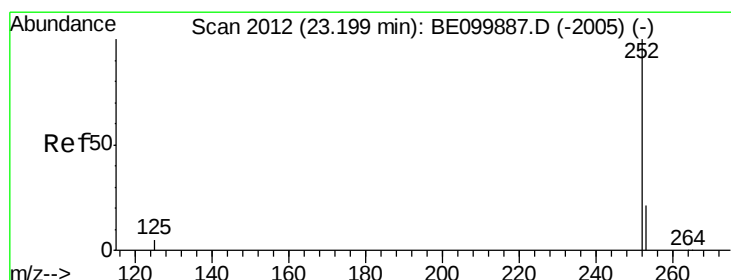
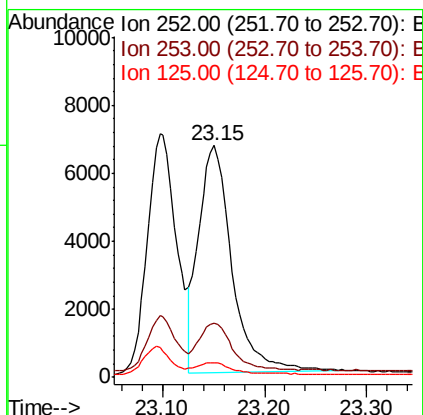
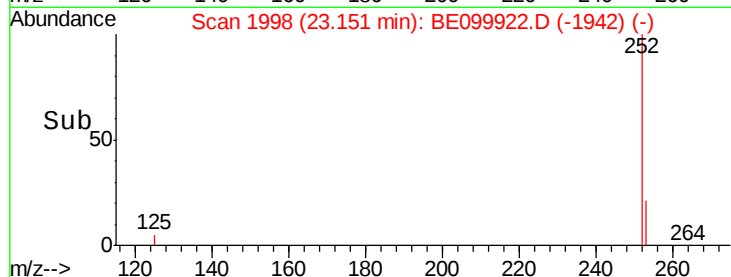
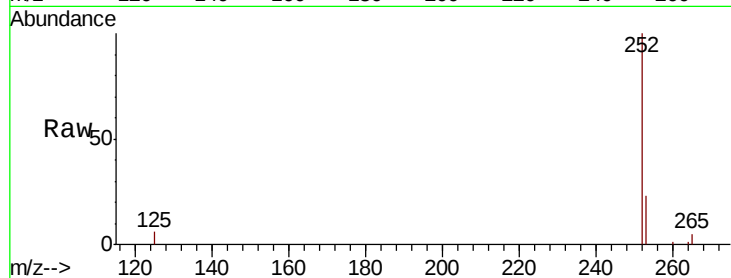
Tgt Ion:252 Resp: 15009

Ion Ratio Lower Upper

252 100

253 23.5 18.7 28.1

125 6.5 5.7 8.5



#36

Benzo(k)fluoranthene

Concen: 0.377 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.05 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

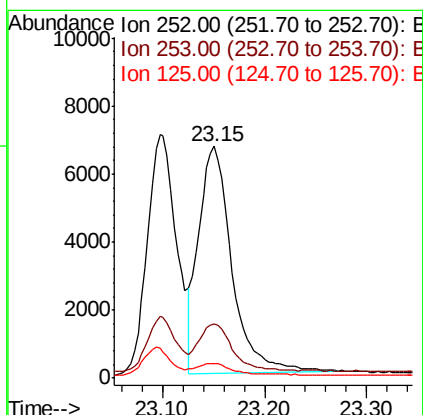
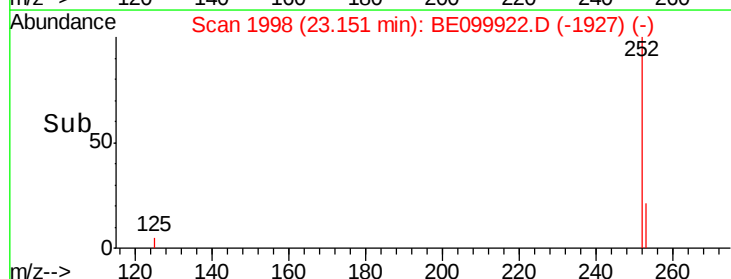
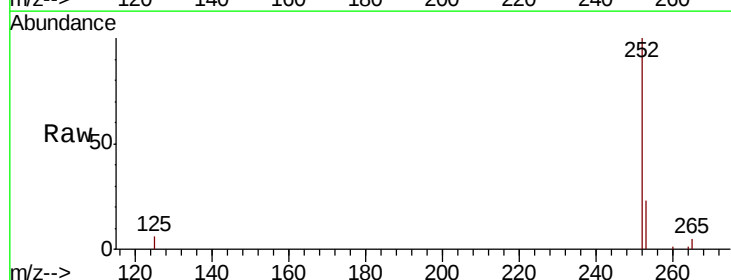
Tgt Ion:252 Resp: 15009

Ion Ratio Lower Upper

252 100

253 23.5 18.6 28.0

125 6.5 5.4 8.0





#37

Benzo(a)pyrene

Concen: 0.377 ng

RT: 23.76 min Scan# 2169

Delta R.T. -0.06 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

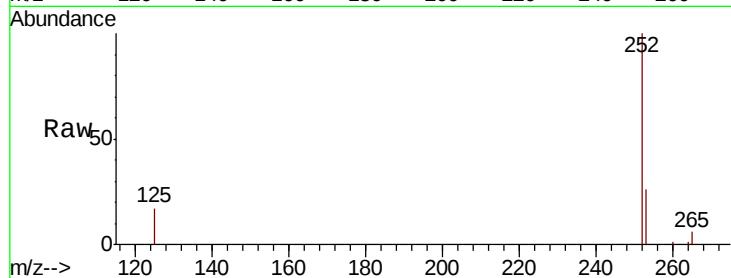
Instrument :

BNA_E

ClientSampleId :

PB120465BS

Tgt Ion:	252	Resp:	14144
Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.6	29.4
125	17.2	6.6	10.0#

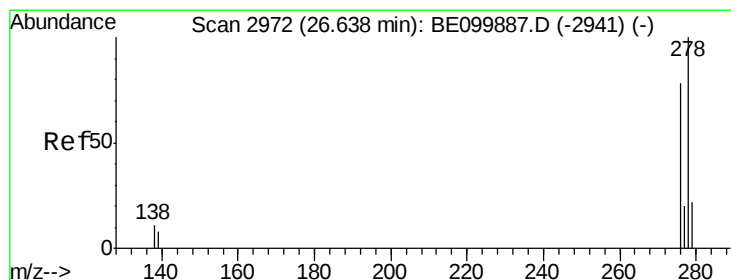
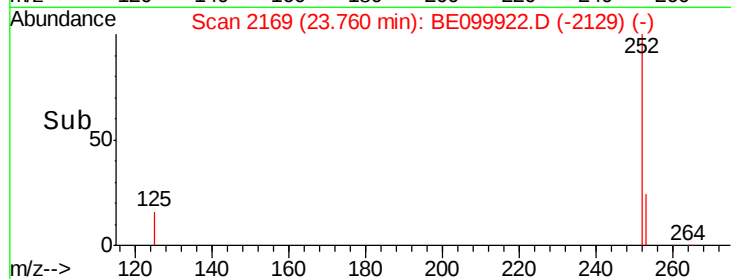
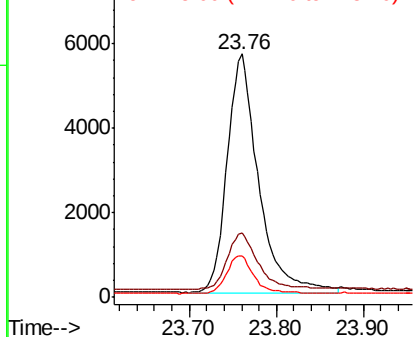


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.362 ng

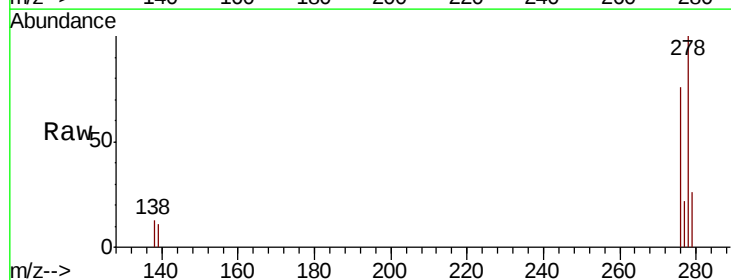
RT: 26.56 min Scan# 2949

Delta R.T. -0.08 min

Lab File: BE099922.D

Acq: 11 Jun 2019 13:53

Tgt Ion:	278	Resp:	13669
Ion	Ratio	Lower	Upper
278	100		
139	10.9	7.8	11.8
279	26.1	20.0	30.0

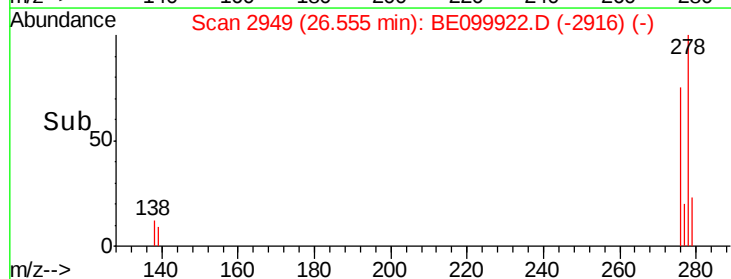
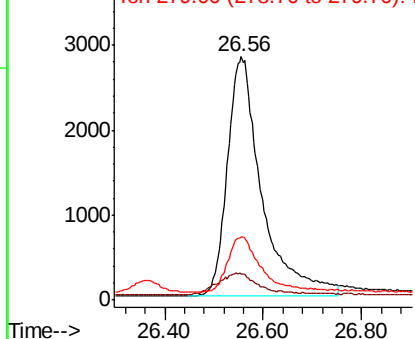


Abundance

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: 0.375 ng

RT: 27.34 min Scan# 3169

Delta R.T. -0.09 min

Lab File: BE099922.D

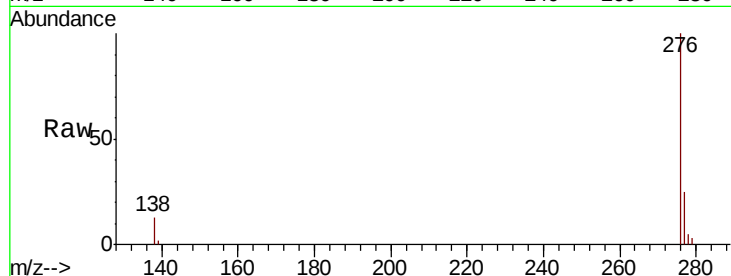
Acq: 11 Jun 2019 13:53

Instrument :

BNA_E

ClientSampleId :

PB120465BS



Tgt Ion: 276 Resp: 14615

Ion Ratio Lower Upper

276 100

277 24.5 19.5 29.3

138 13.0 9.5 14.3

