

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE040519\
 Data File : BE099304.D
 Acq On : 5 Apr 2019 12:14
 Operator : JU/SJ
 Sample : PB118607BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB118607BSD

Quant Time: Apr 05 15:01:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 05 14:55:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	4095	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	14116	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7937	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	20740	0.40	ng	0.00
27) Chrysene-d12	21.37	240	25592	0.40	ng	0.00
34) Perylene-d12	23.86	264	27850	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	3492	0.32	ng	0.01
5) Phenol-d6	6.97	99	4543	0.30	ng	0.00
8) Nitrobenzene-d5	8.96	82	3447	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	10811	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	872	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	11508	0.37	ng	0.00
25) Fluoranthene-d10	19.22	212	79459	0.29	ng	0.00
29) Terphenyl-d14	19.82	244	13939	0.30	ng	0.00

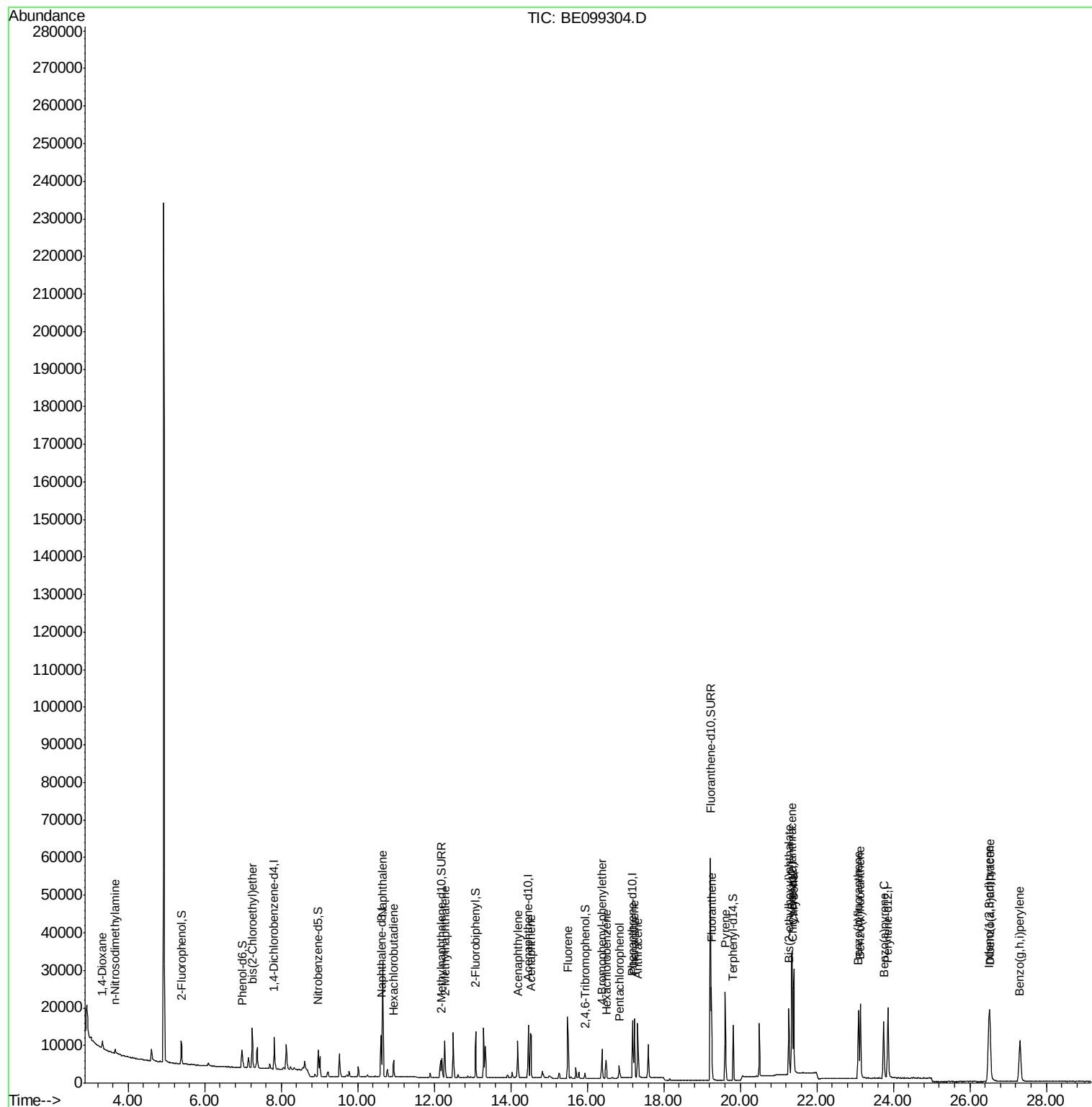
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	1535	0.275	ng	# 84
3) n-Nitrosodimethylamine	3.66	42	1001	0.304	ng	# 88
6) bis(2-Chloroethyl)ether	7.24	93	4315	0.322	ng	93
9) Naphthalene	10.65	128	49935	0.325	ng	100
10) Hexachlorobutadiene	10.94	225	3311	0.332	ng	99
12) 2-Methylnaphthalene	12.28	142	8272	0.317	ng	98
16) Acenaphthylene	14.18	152	11466	0.305	ng	99
17) Acenaphthene	14.53	154	7180	0.324	ng	100
18) Fluorene	15.49	166	9739	0.304	ng	100
20) 4-Bromophenyl-phenylether	16.38	248	3831	0.325	ng	97
21) Hexachlorobenzene	16.49	284	3780	0.337	ng	98
22) Pentachlorophenol	16.84	266	1835	0.394	ng	95
23) Phenanthrene	17.23	178	17112	0.319	ng	98
24) Anthracene	17.32	178	15488	0.306	ng	100
26) Fluoranthene	19.25	202	22009	0.278	ng	99
28) Pyrene	19.61	202	22453	0.332	ng	100
30) Benzo(a)anthracene	21.34	228	24651	0.306	ng	98
31) Chrysene	21.40	228	27019	0.342	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	18631	0.181	ng	98
33) Indeno(1,2,3-cd)pyrene	26.49	276	32934	0.365	ng	98
35) Benzo(b)fluoranthene	23.09	252	27234	0.328	ng	# 95
36) Benzo(k)fluoranthene	23.14	252	27712	0.343	ng	98
37) Benzo(a)pyrene	23.75	252	25695	0.329	ng	# 96
38) Dibenzo(a,h)anthracene	26.52	278	27437	0.353	ng	# 96
39) Benzo(g,h,i)perylene	27.30	276	28610	0.370	ng	98

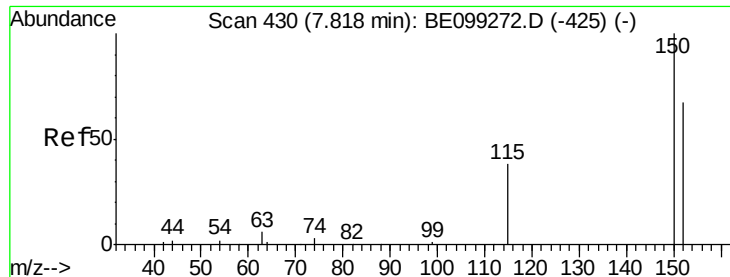
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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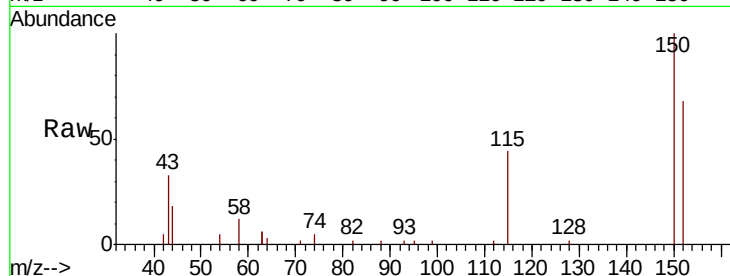


#1

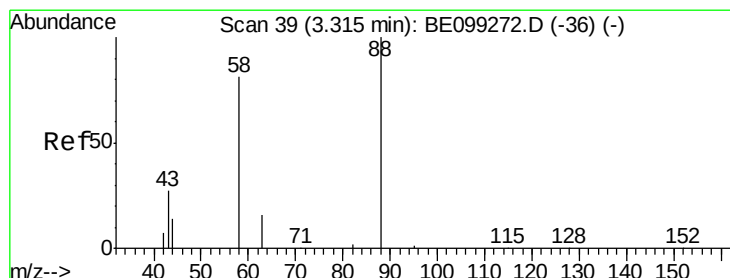
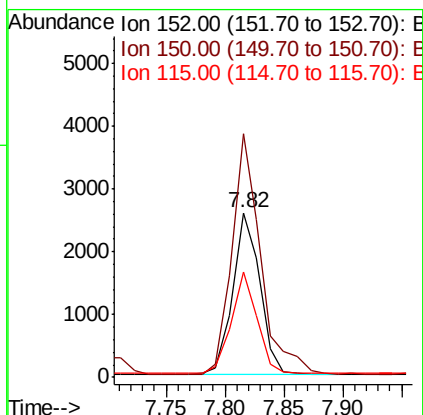
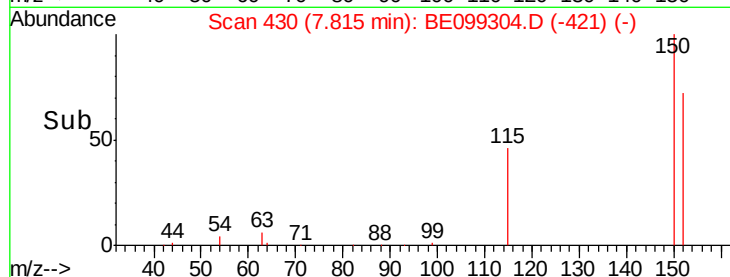
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

Instrument :
BNA_E
ClientSampleId :
PB118607BSD

Tot Ion:152 Resp: 4095
Ion Ratio Lower Upper
152 100
150 147.7 120.2 180.2
115 64.3 50.2 75.2



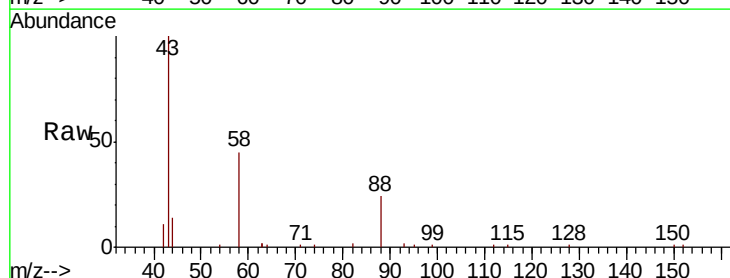
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



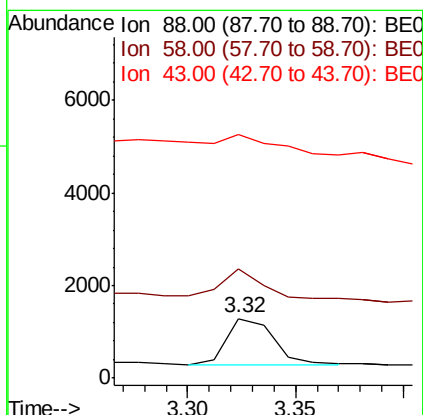
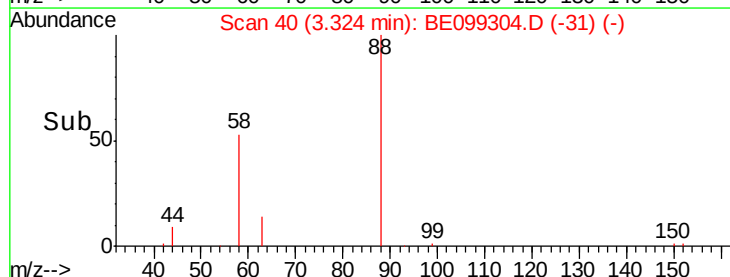
#2

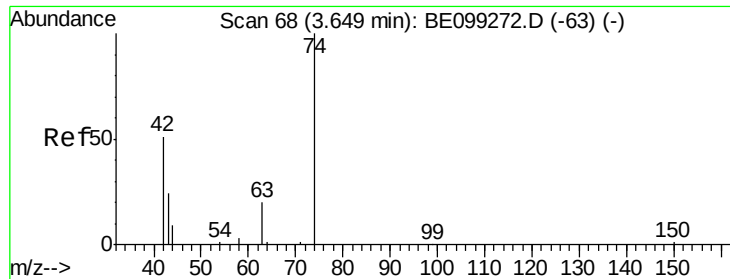
1,4-Dioxane
Concen: 0.275 ng
RT: 3.32 min Scan# 40
Delta R.T. -0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

Tgt Ion: 88 Resp: 1535
Ion Ratio Lower Upper
88 100
58 56.6 43.8 65.8
43 0.0 18.6 28.0#



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: 0.304 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.01 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

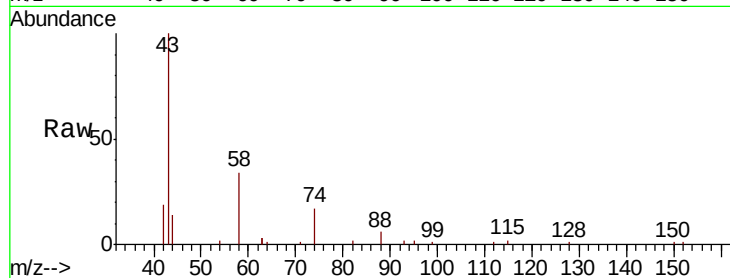
Tot Ion: 42 Resp: 1001

Ion Ratio Lower Upper

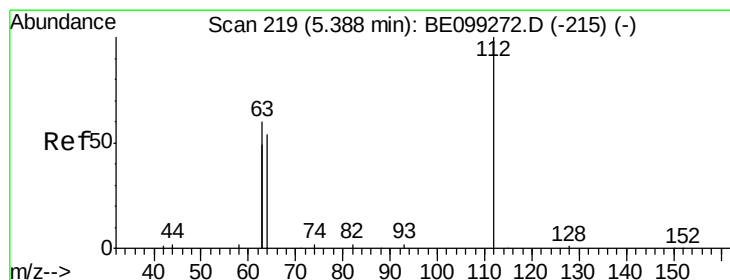
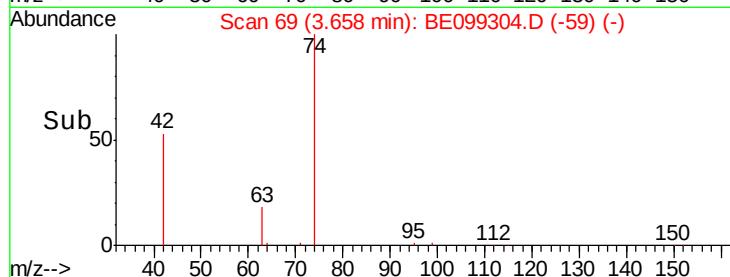
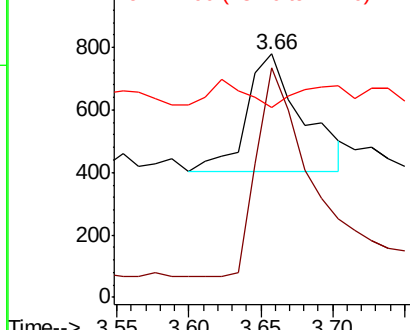
42 100

74 162.0 142.6 214.0

44 0.0 4.1 6.1#



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: 0.321 ng

RT: 5.40 min Scan# 220

Delta R.T. 0.01 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

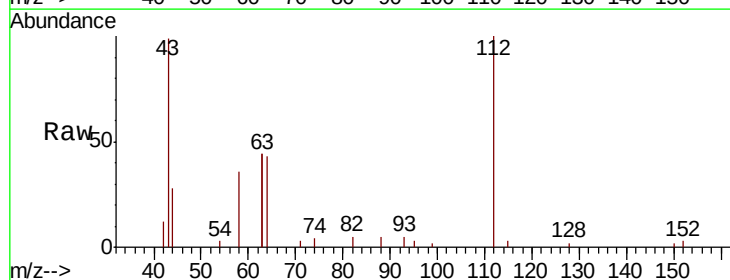
Tgt Ion: 112 Resp: 3492

Ion Ratio Lower Upper

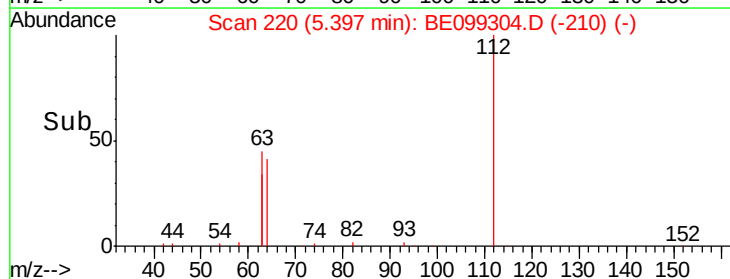
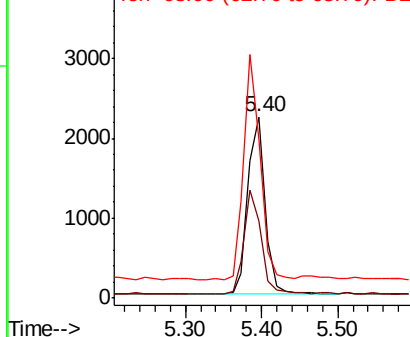
112 100

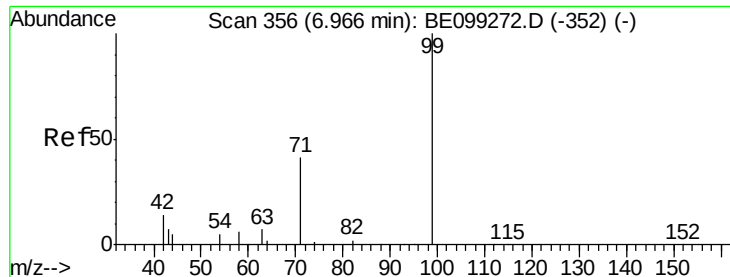
64 57.3 44.8 67.2

63 120.7 94.8 142.2



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: 0.304 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

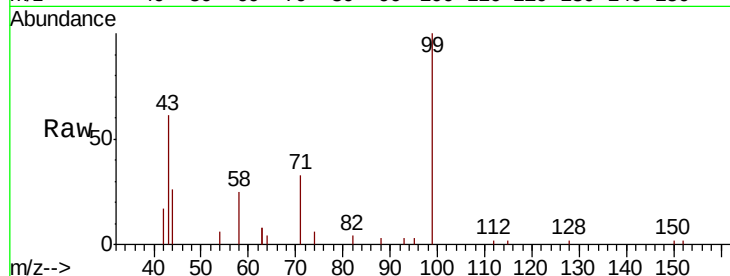
Tot Ion: 99 Resp: 4543

Ion Ratio Lower Upper

99 100

42 17.2 12.4 18.6

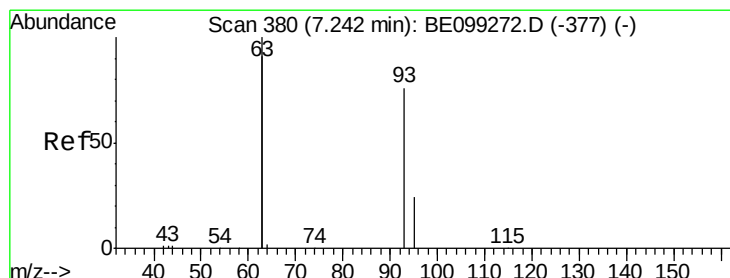
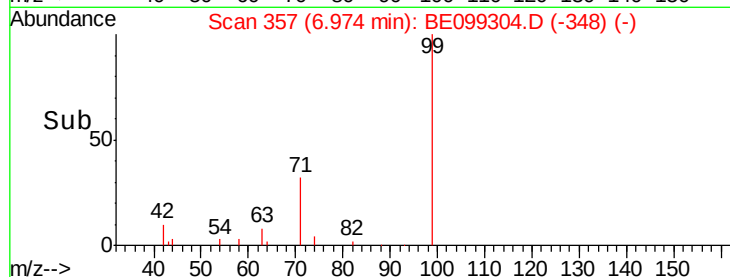
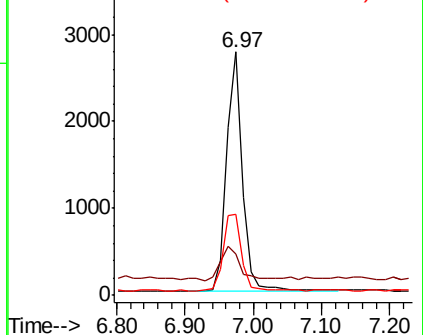
71 36.6 30.0 45.0



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: 0.322 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

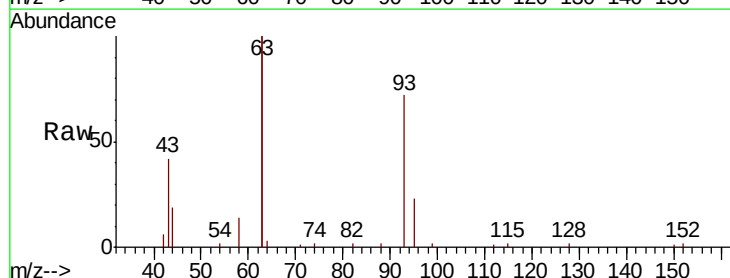
Tgt Ion: 93 Resp: 4315

Ion Ratio Lower Upper

93 100

63 264.4 222.6 334.0

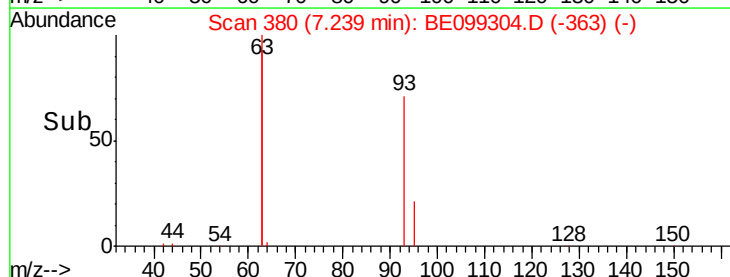
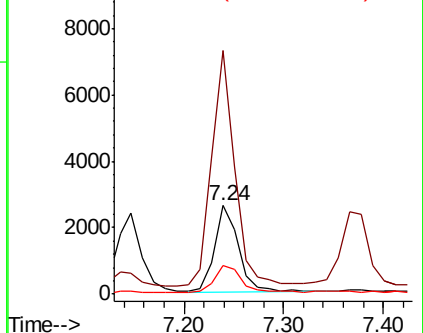
95 32.4 26.0 39.0

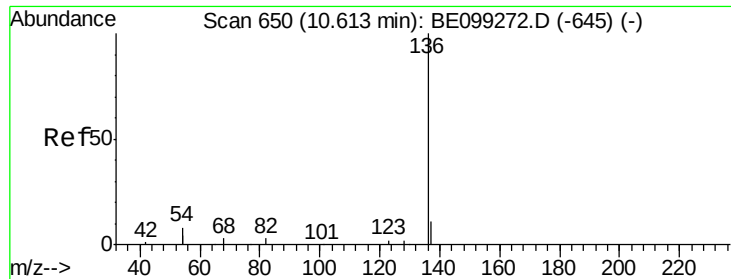


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

Tot Ion:136 Resp: 14116

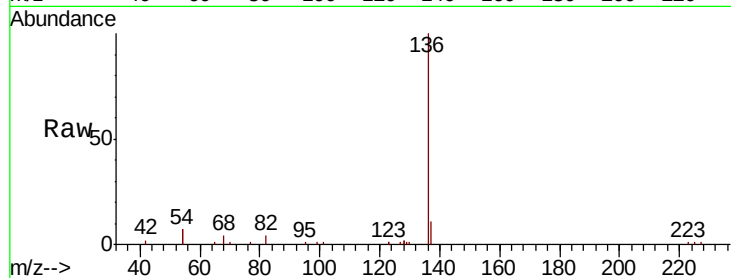
Ion Ratio Lower Upper

136 100

137 11.2 8.3 12.5

54 13.8 10.8 16.2

68 4.2 3.2 4.8

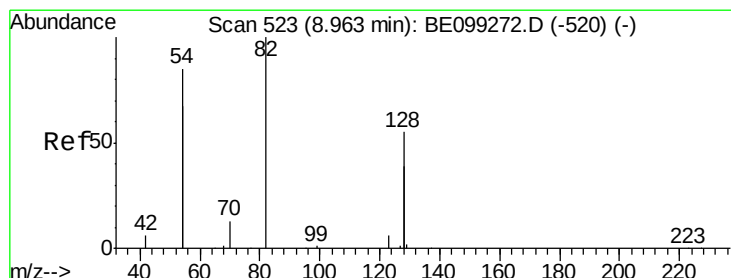
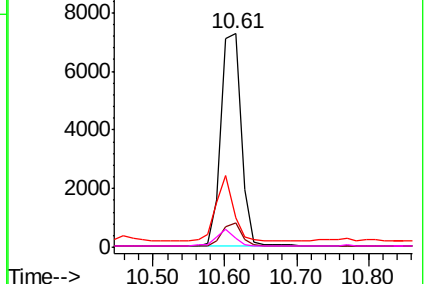
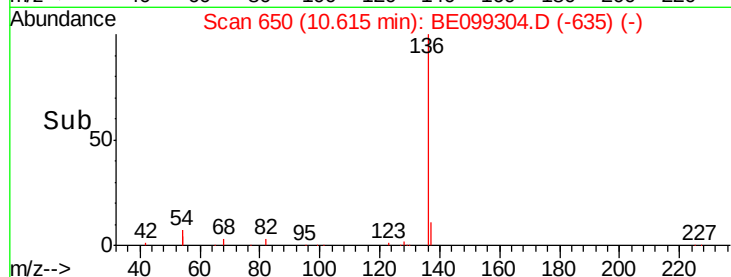


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.356 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

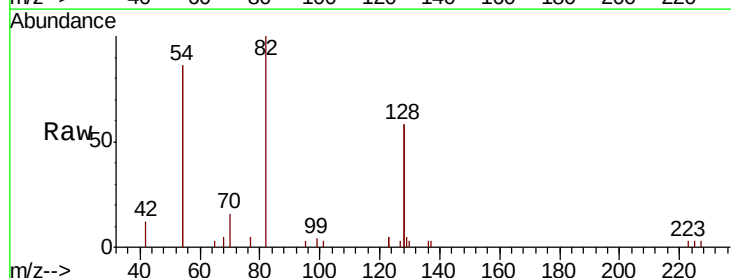
Tgt Ion: 82 Resp: 3447

Ion Ratio Lower Upper

82 100

128 115.1 90.1 135.1

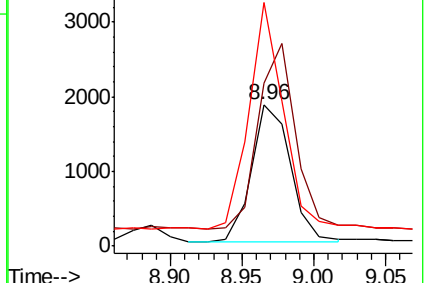
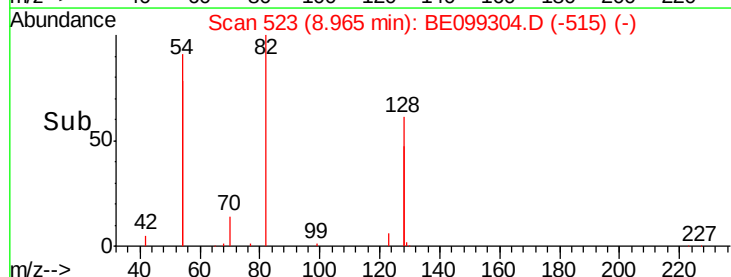
54 172.3 123.6 185.4

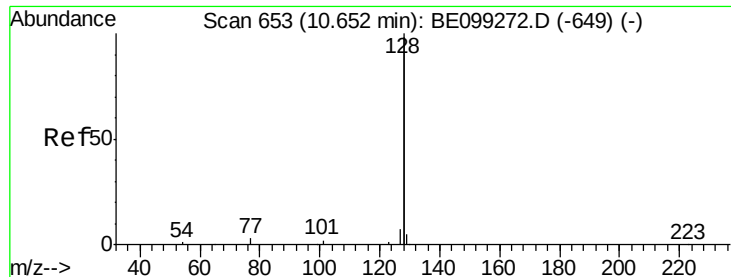


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.325 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

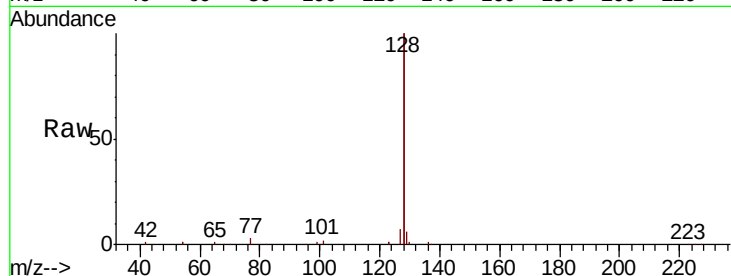
Tot Ion:128 Resp: 49935

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

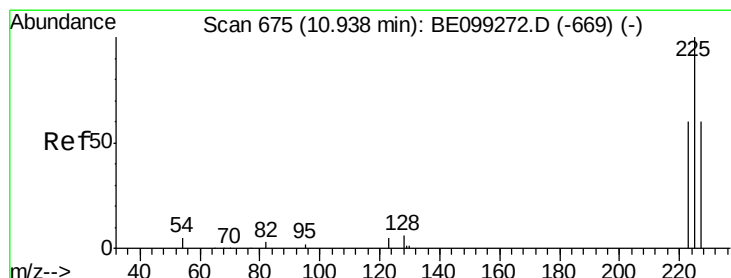
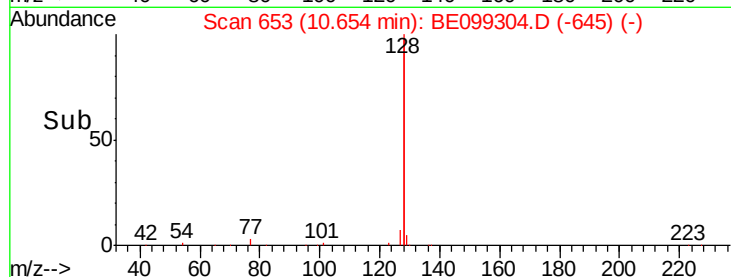
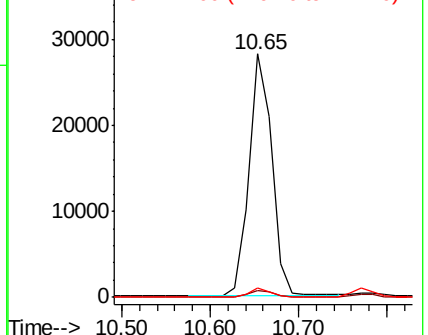
127 3.7 2.9 4.3



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: 0.332 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

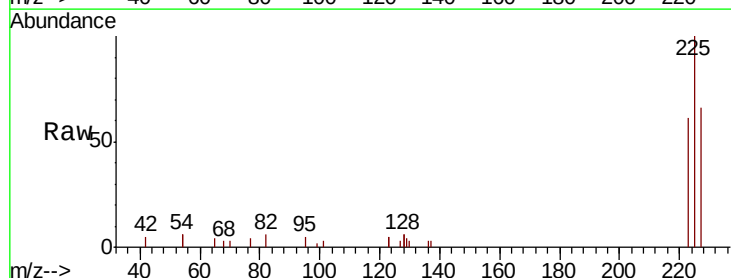
Tgt Ion:225 Resp: 3311

Ion Ratio Lower Upper

225 100

223 61.3 49.7 74.5

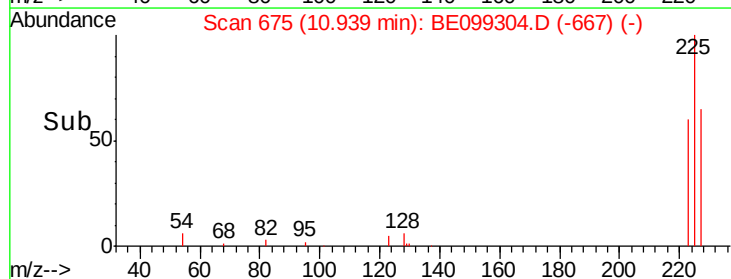
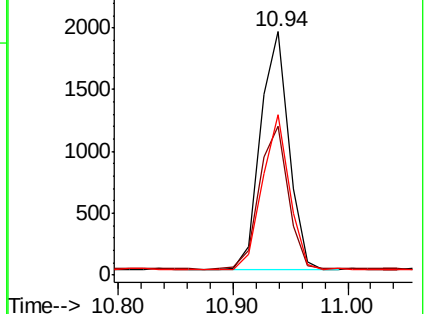
227 62.6 50.9 76.3

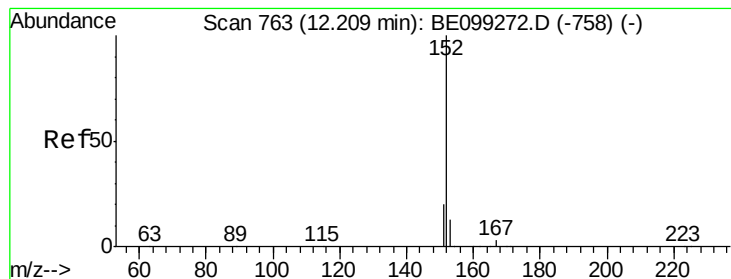


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

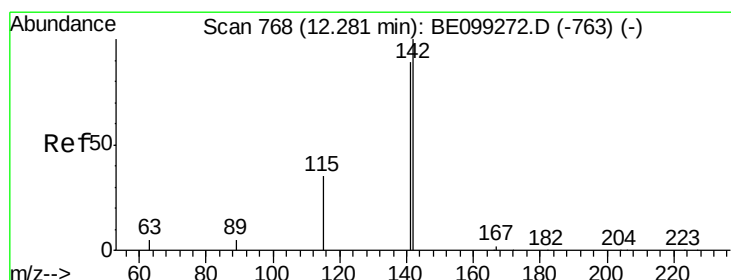
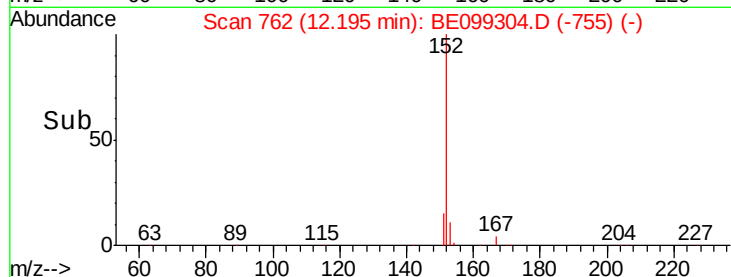
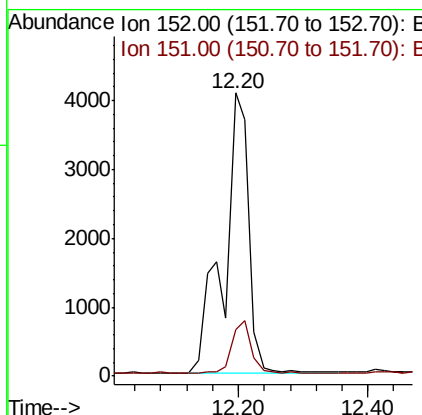
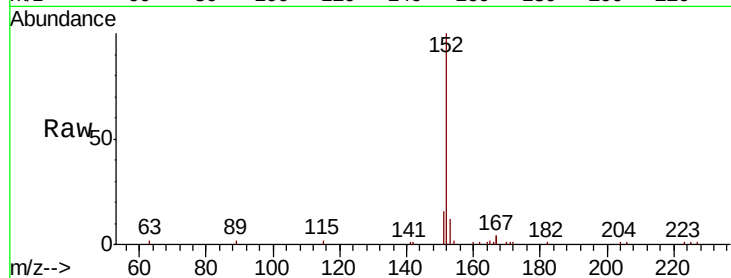




#11
 2-Methylnaphthalene-d10
 Concen: 0.439 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099304.D
 Acq: 5 Apr 2019 12:14

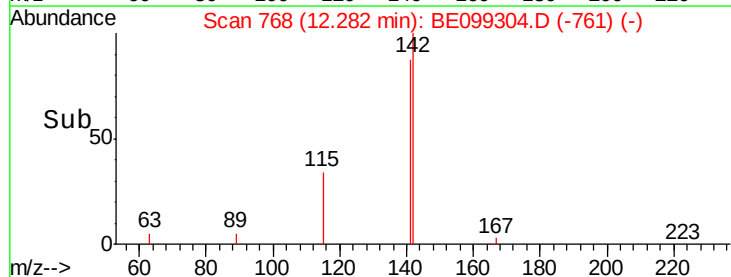
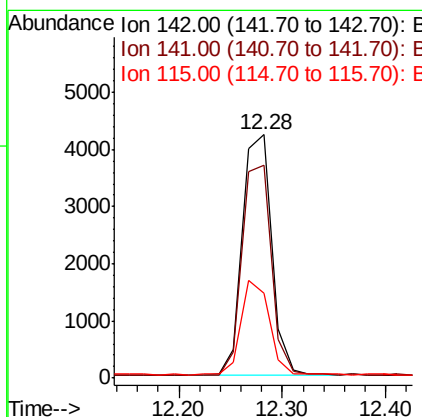
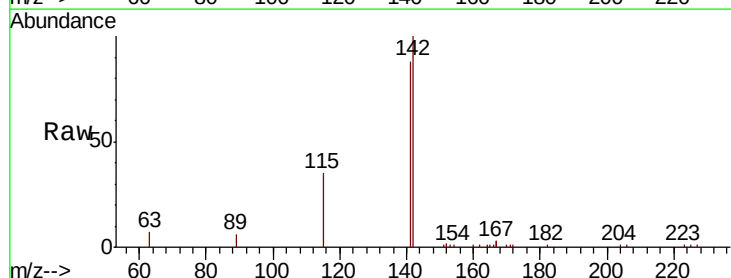
Instrument :
 BNA_E
 ClientSampleId :
 PB118607BSD

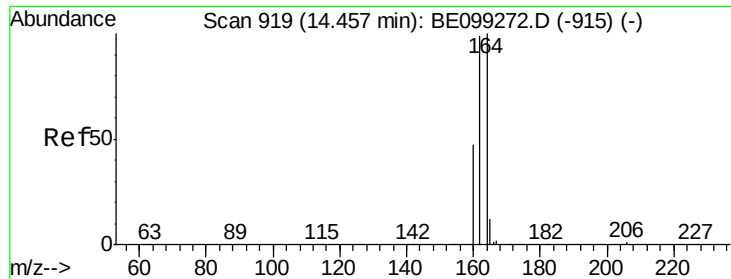
Tot Ion:152 Resp: 10811
 Ion Ratio Lower Upper
 152 100
 151 14.0 15.1 22.7#



#12
 2-Methylnaphthalene
 Concen: 0.317 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BE099304.D
 Acq: 5 Apr 2019 12:14

Tgt Ion:142 Resp: 8272
 Ion Ratio Lower Upper
 142 100
 141 87.6 69.3 103.9
 115 34.9 29.1 43.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

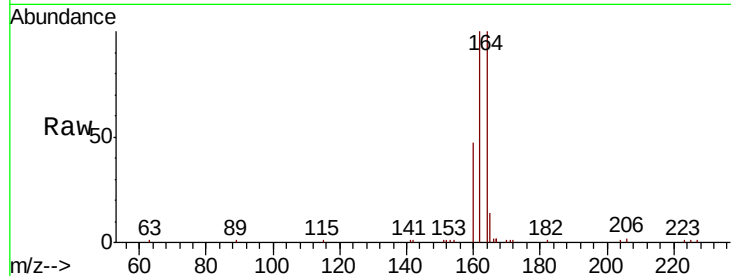
Tot Ion:164 Resp: 7937

Ion Ratio Lower Upper

164 100

162 99.6 78.7 118.1

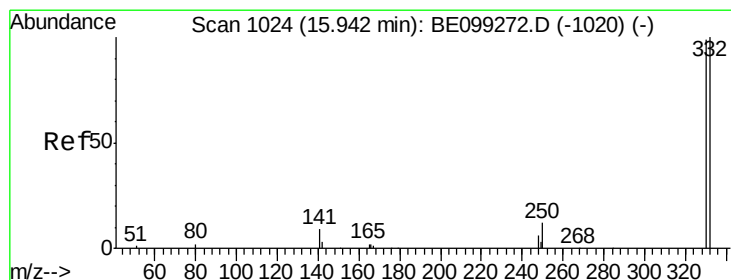
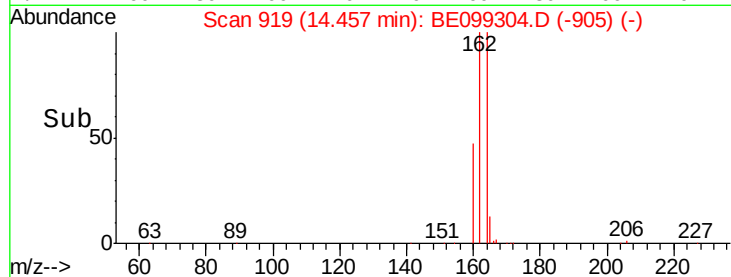
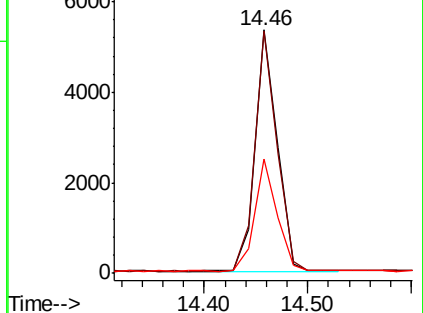
160 47.2 37.8 56.8



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: 0.238 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

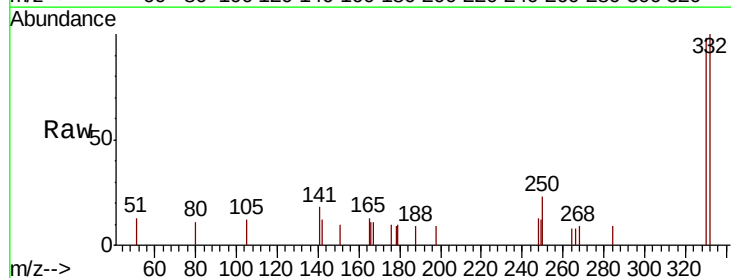
Tgt Ion:330 Resp: 872

Ion Ratio Lower Upper

330 100

332 100.6 82.0 123.0

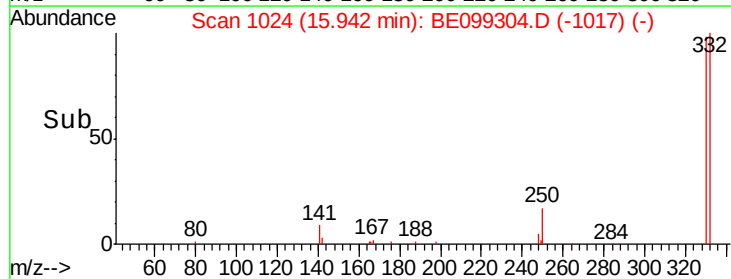
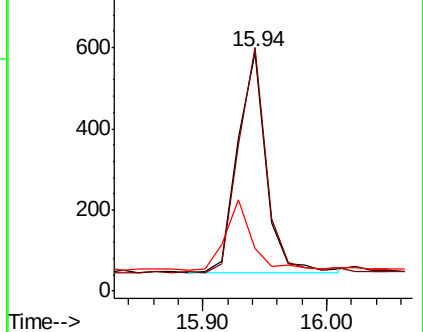
141 28.9 25.4 38.2

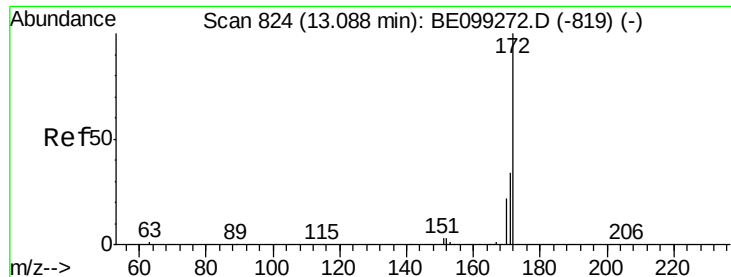


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

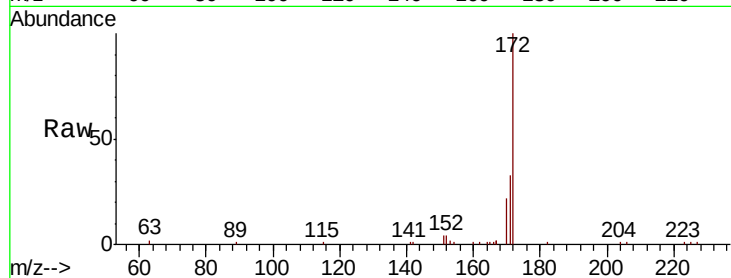




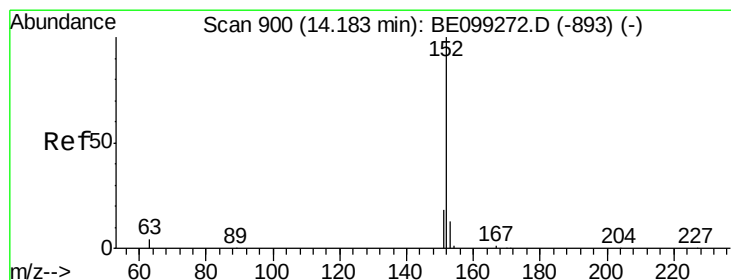
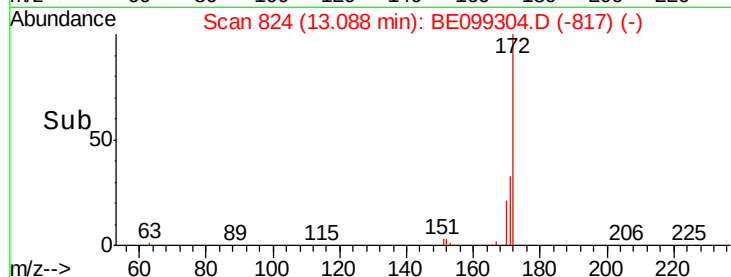
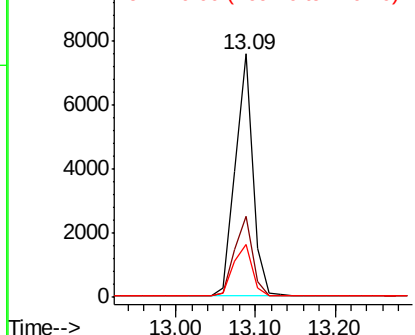
#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

Instrument :
BNA_E
ClientSampleId :
PB118607BSD

Tot Ion:172 Resp: 11508
Ion Ratio Lower Upper
172 100
171 33.2 27.0 40.4
170 21.8 17.8 26.6

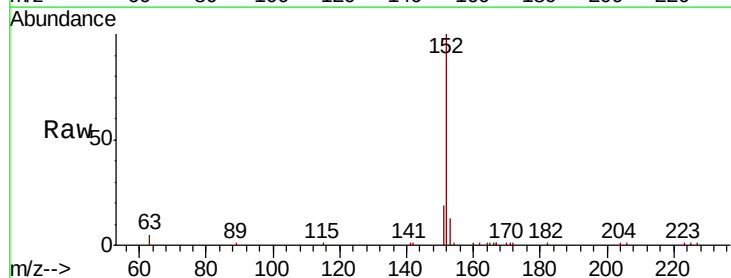


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

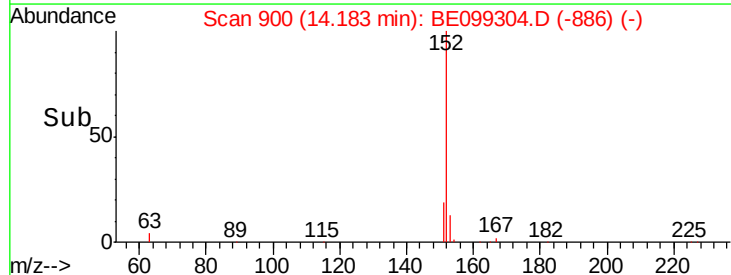
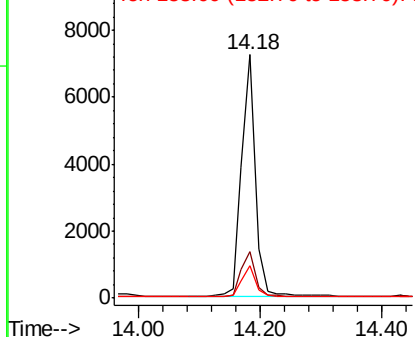


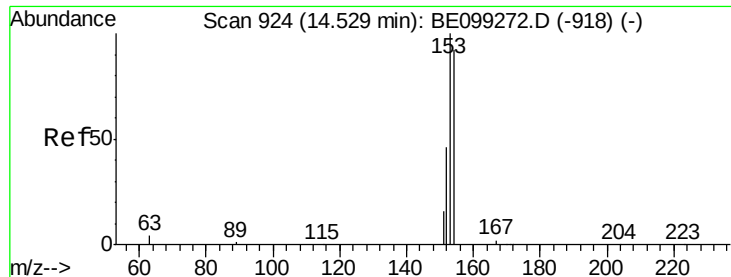
#16
Acenaphthylene
Concen: 0.305 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

Tgt Ion:152 Resp: 11466
Ion Ratio Lower Upper
152 100
151 19.0 15.3 22.9
153 12.3 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

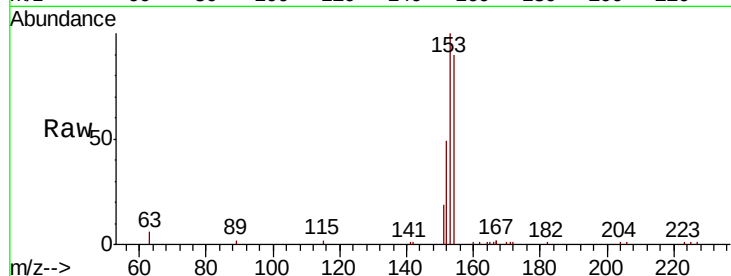




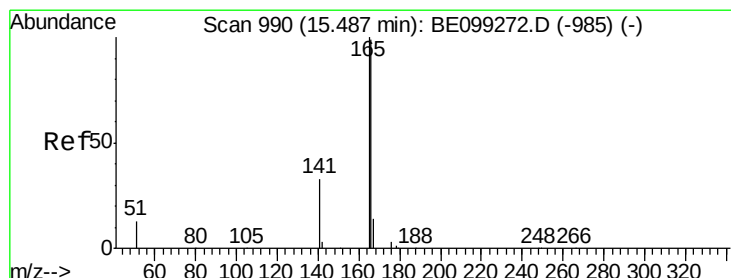
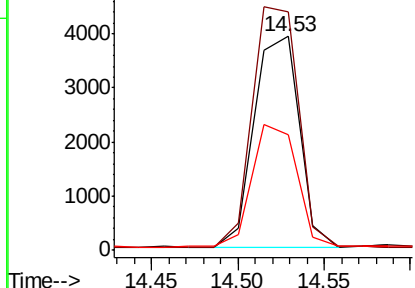
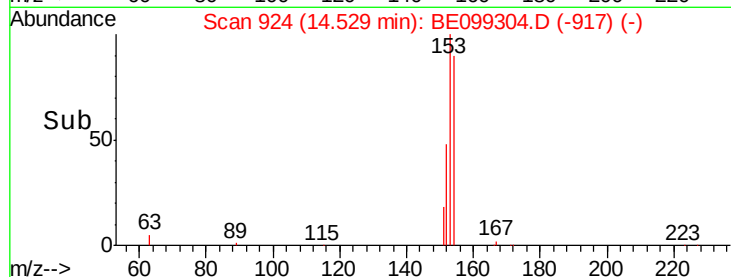
#17
Acenaphthene
Concen: 0.324 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

Instrument :
BNA_E
ClientSampleId :
PB118607BSD

Tot Ion:154 Resp: 7180
Ion Ratio Lower Upper
154 100
153 116.4 93.3 139.9
152 57.5 45.6 68.4

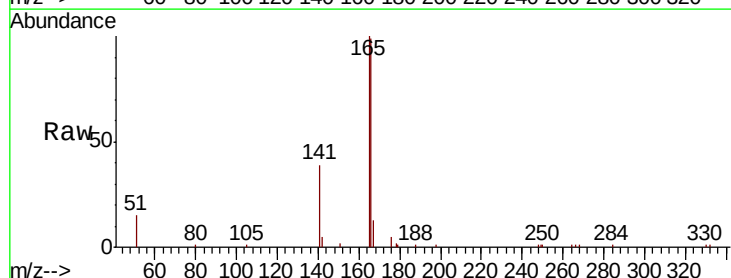


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

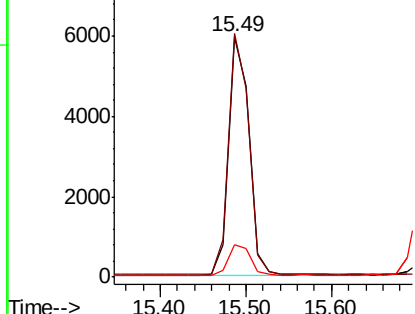
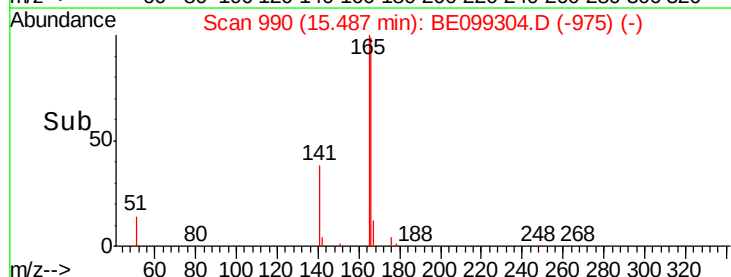


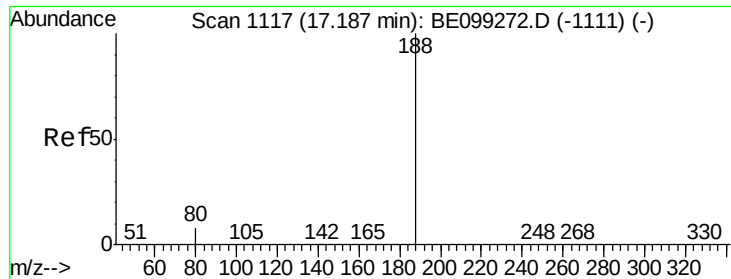
#18
Fluorene
Concen: 0.304 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

Tgt Ion:166 Resp: 9739
Ion Ratio Lower Upper
166 100
165 100.4 80.6 120.8
167 13.4 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: 17.19 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

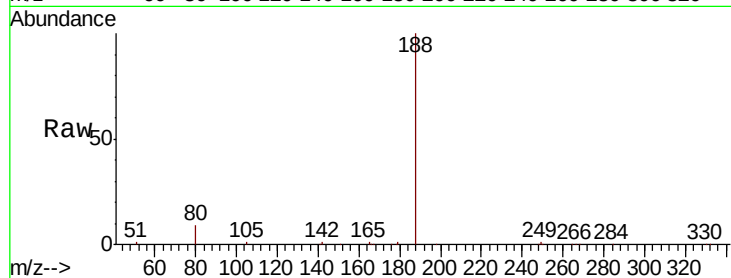
Tot Ion:188 Resp: 20740

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

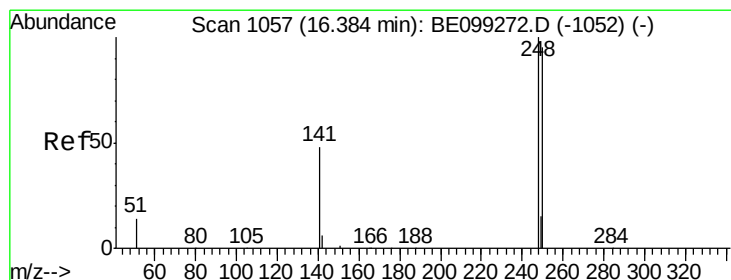
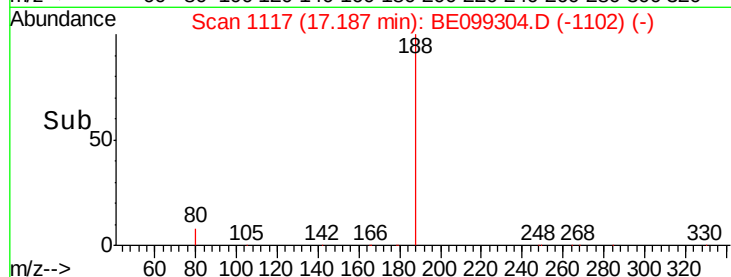
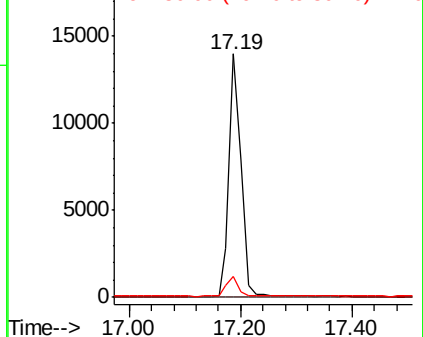
80 8.7 7.5 11.3



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: 0.325 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

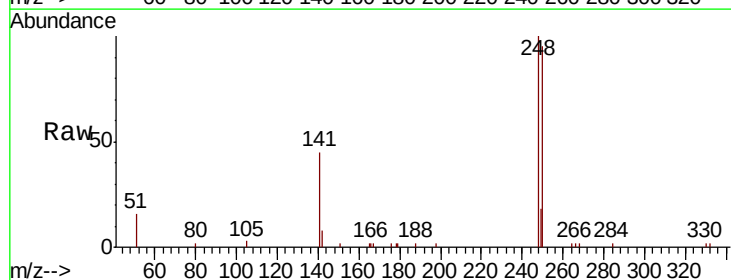
Tgt Ion:248 Resp: 3831

Ion Ratio Lower Upper

248 100

250 94.6 74.3 111.5

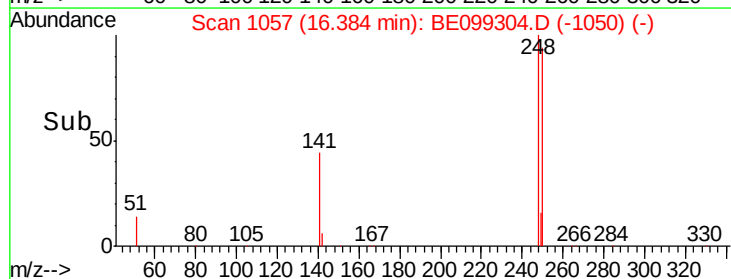
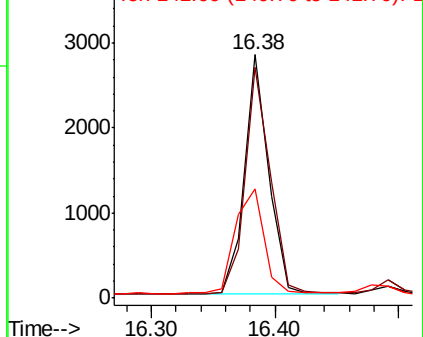
141 44.9 39.1 58.7

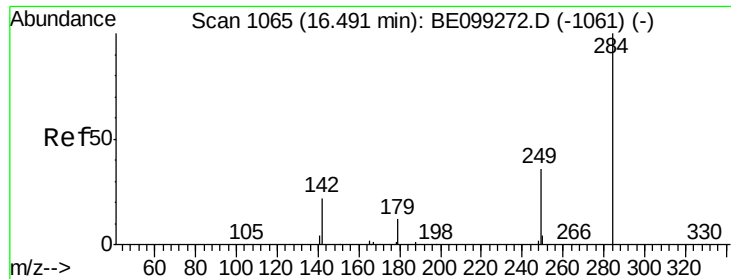


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.337 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

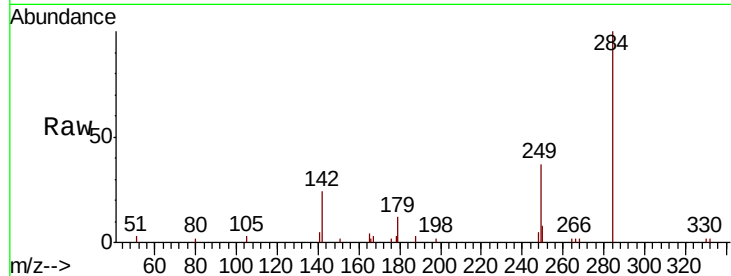
Tot Ion:284 Resp: 3780

Ion Ratio Lower Upper

284 100

142 28.3 21.2 31.8

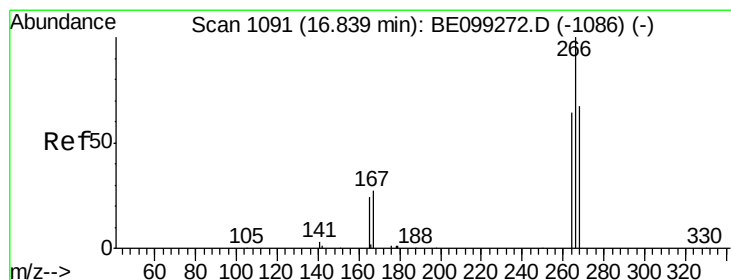
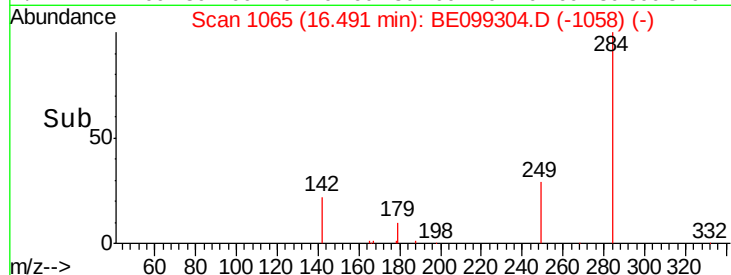
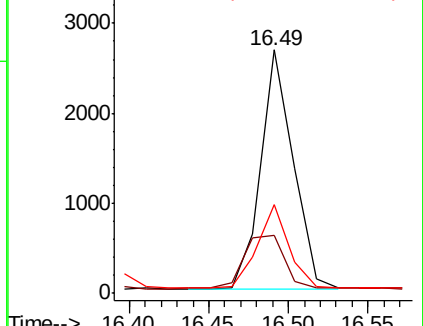
249 33.6 27.4 41.2



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: 0.394 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

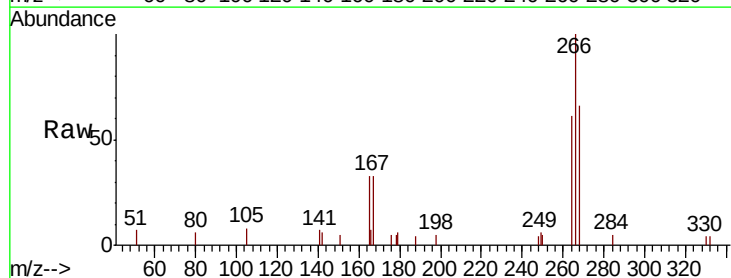
Tgt Ion:266 Resp: 1835

Ion Ratio Lower Upper

266 100

264 61.0 53.6 80.4

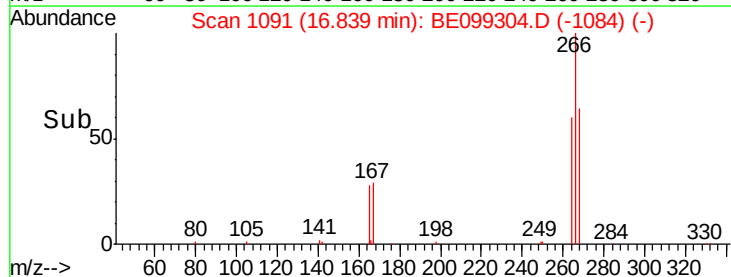
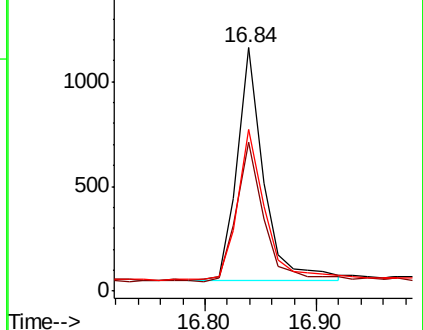
268 66.3 54.2 81.2

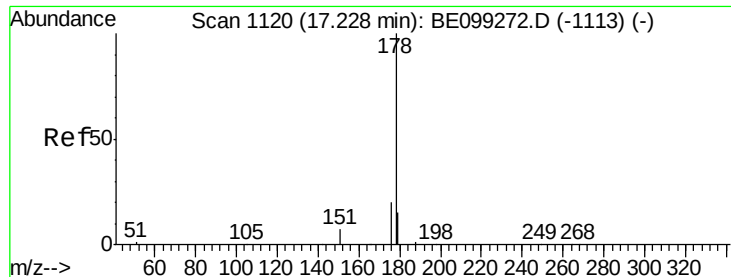


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.319 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

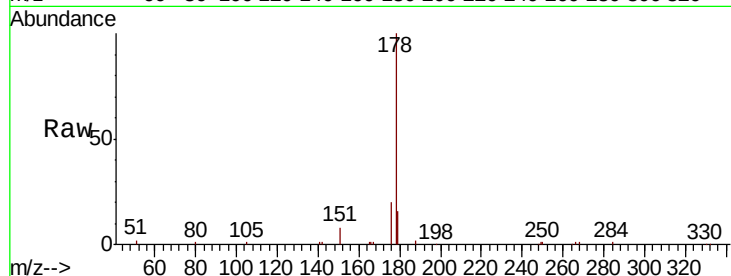
Tot Ion:178 Resp: 17112

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 16.2 11.8 17.8

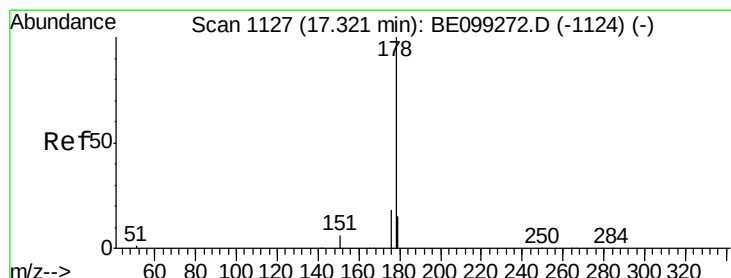
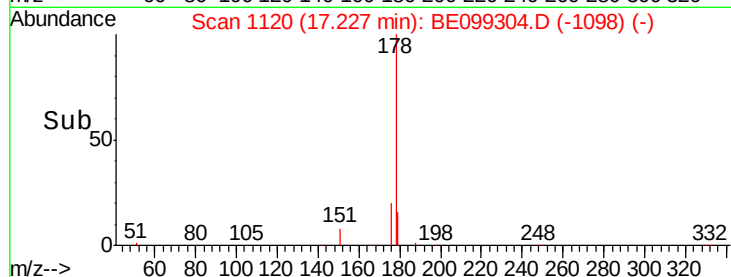
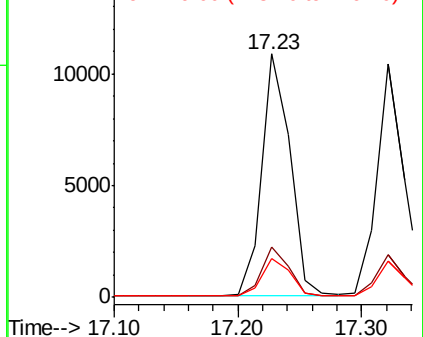


Abundance

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: 0.306 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

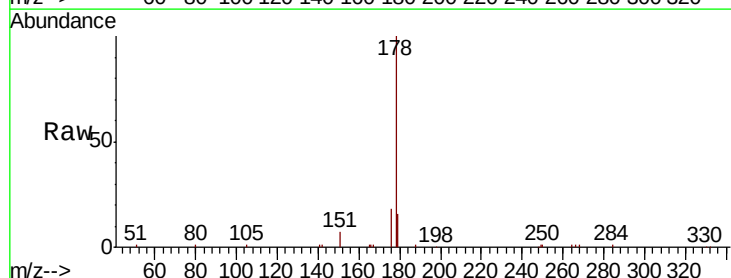
Tgt Ion:178 Resp: 15488

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

179 15.3 12.3 18.5

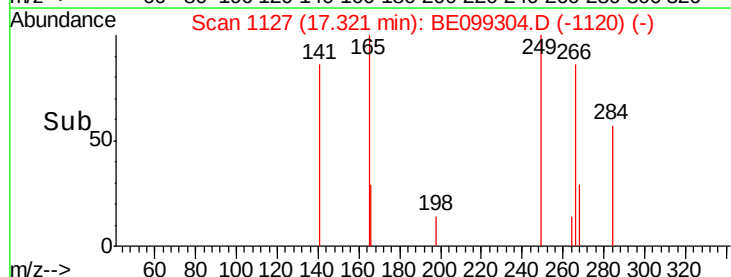
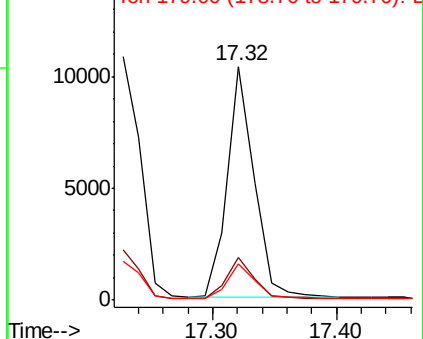


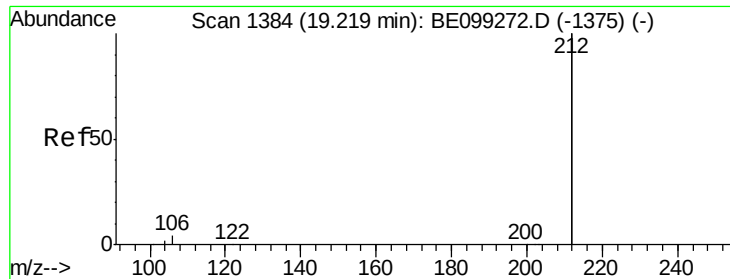
Abundance

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: 0.290 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

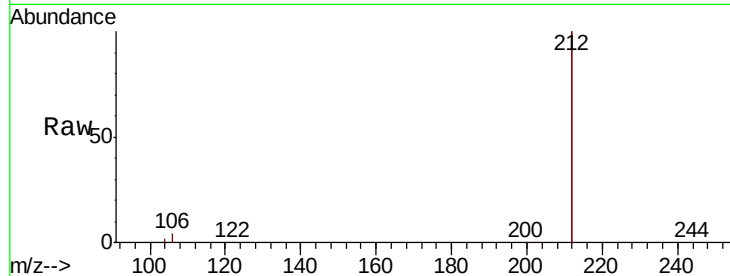
Tot Ion:212 Resp: 79459

Ion Ratio Lower Upper

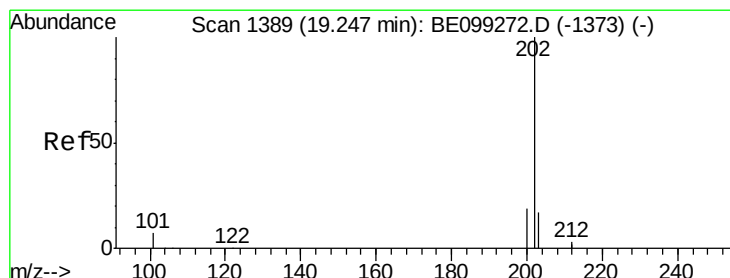
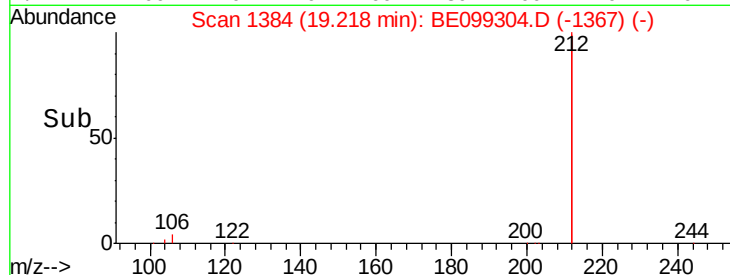
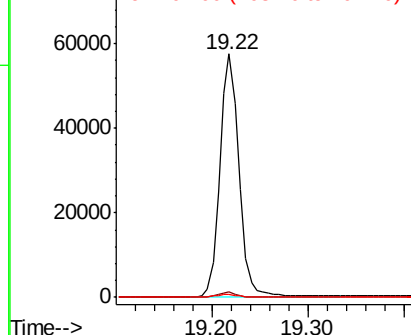
212 100

106 2.1 1.7 2.5

104 1.2 1.0 1.4



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: 0.278 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

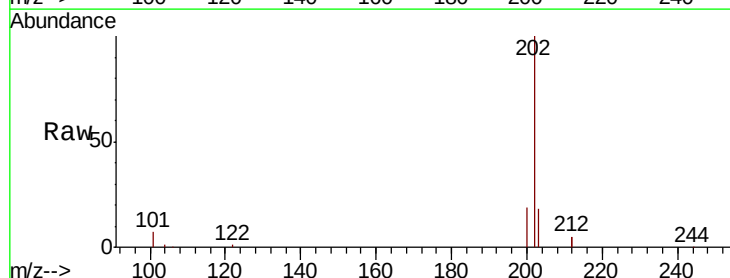
Tgt Ion:202 Resp: 22009

Ion Ratio Lower Upper

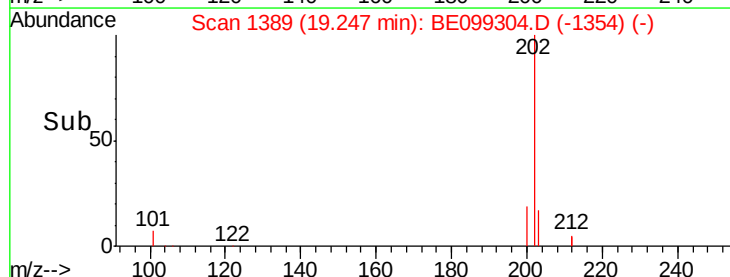
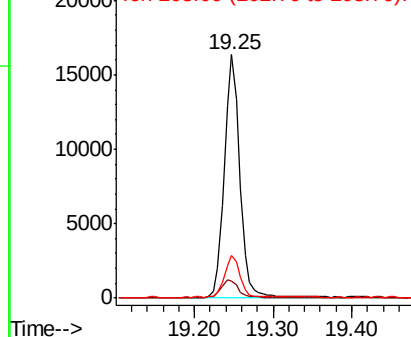
202 100

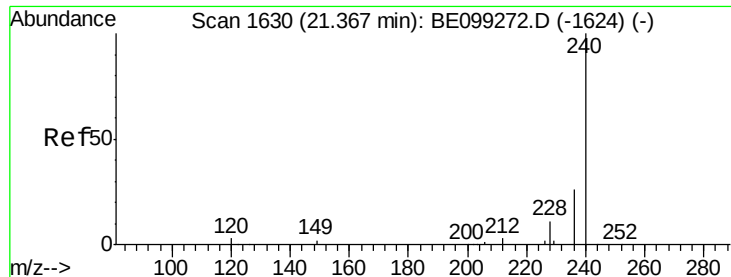
101 7.7 6.1 9.1

203 17.5 13.8 20.6



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

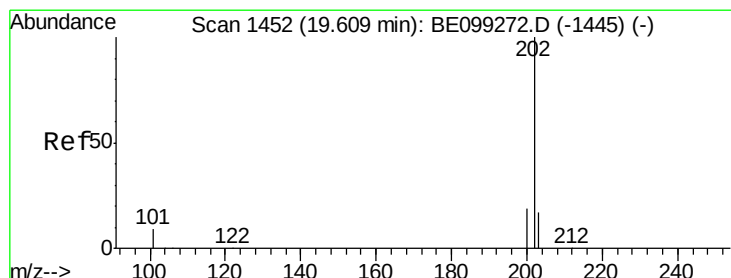
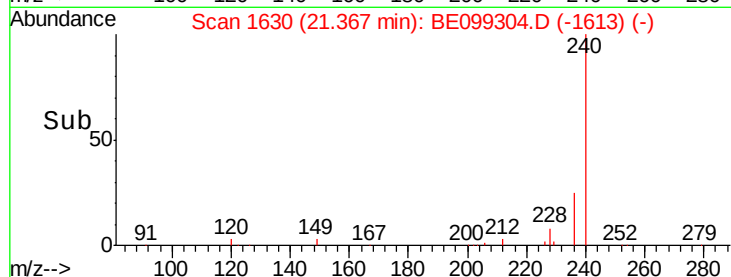
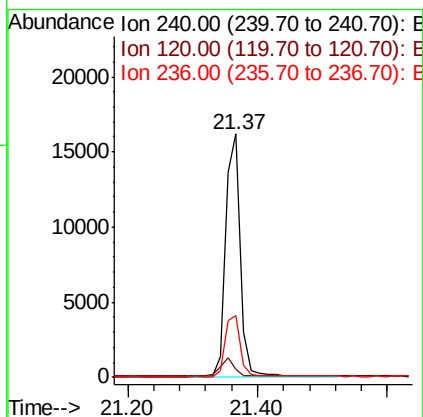
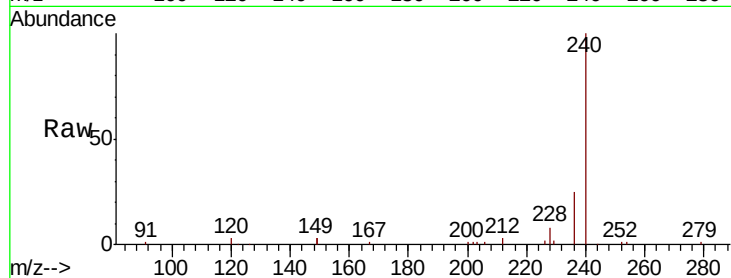




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

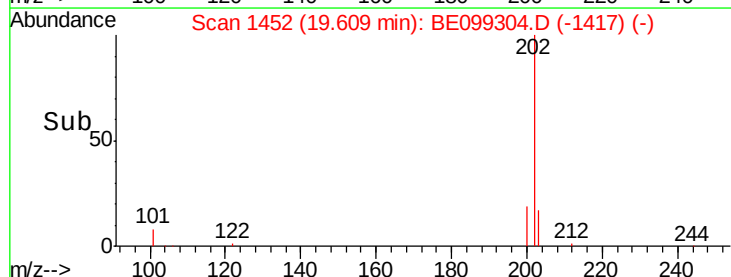
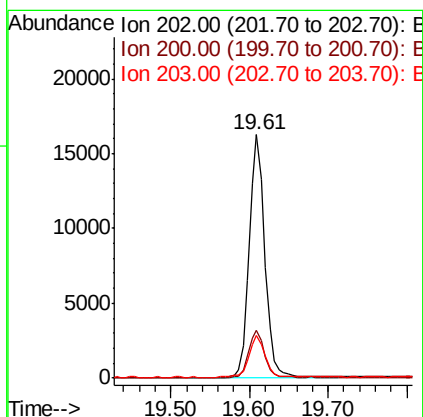
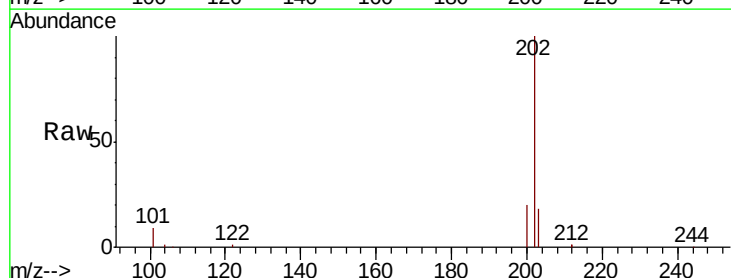
Instrument :
BNA_E
ClientSampleId :
PB118607BSD

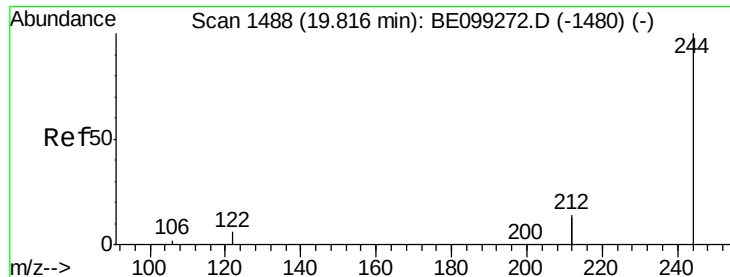
Tot Ion:240 Resp: 25592
Ion Ratio Lower Upper
240 100
120 3.1 2.3 3.5
236 25.3 21.0 31.6



#28
Pyrene
Concen: 0.332 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

Tgt Ion:202 Resp: 22453
Ion Ratio Lower Upper
202 100
200 19.5 15.5 23.3
203 17.7 14.0 21.0





#29

Terphenyl-d14

Concen: 0.299 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

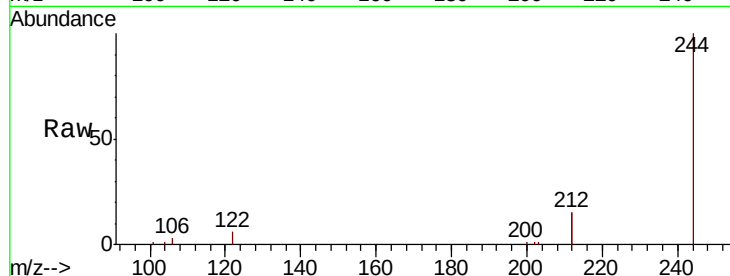
Tot Ion:244 Resp: 13939

Ion Ratio Lower Upper

244 100

212 29.8 22.4 33.6

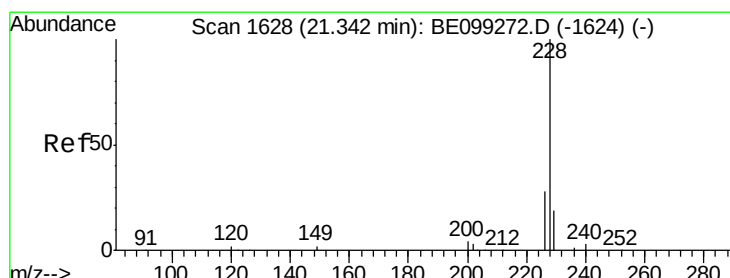
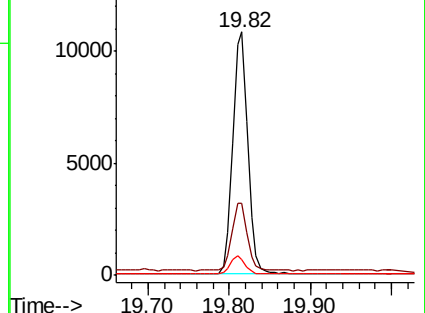
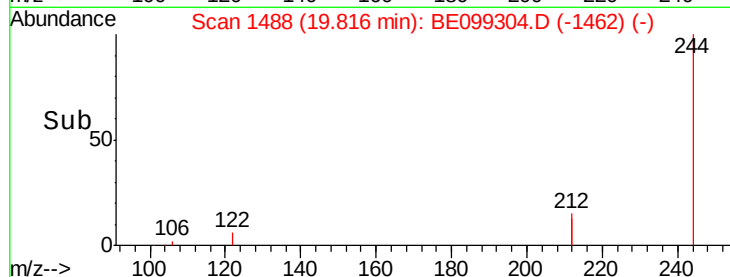
122 6.2 4.4 6.6



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: 0.306 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

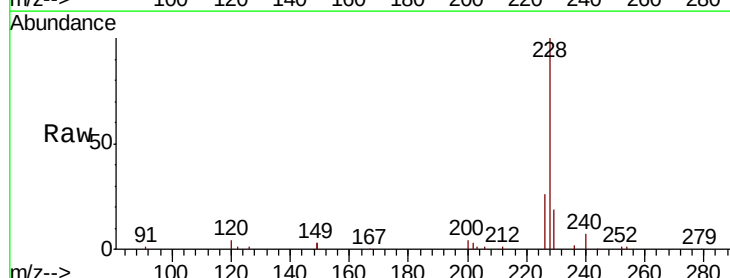
Tgt Ion:228 Resp: 24651

Ion Ratio Lower Upper

228 100

226 26.2 22.1 33.1

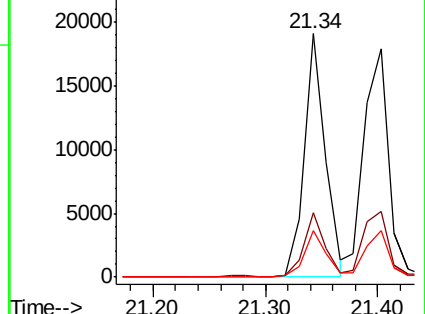
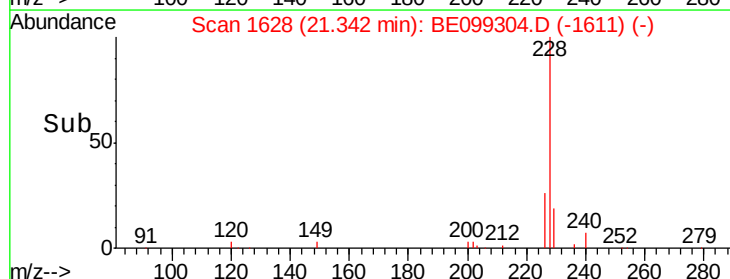
229 19.3 15.4 23.0

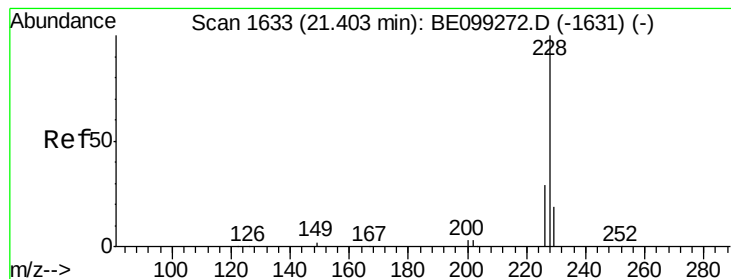


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.342 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

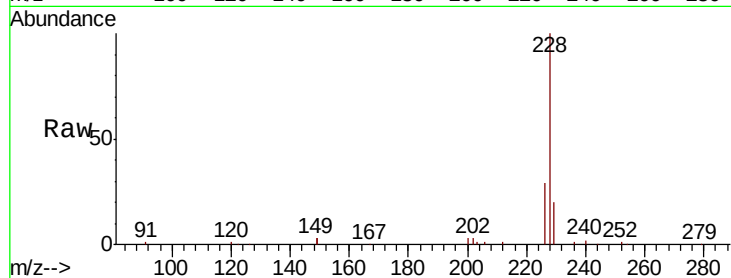
Tot Ion:228 Resp: 27019

Ion Ratio Lower Upper

228 100

226 28.7 23.6 35.4

229 20.1 15.8 23.8

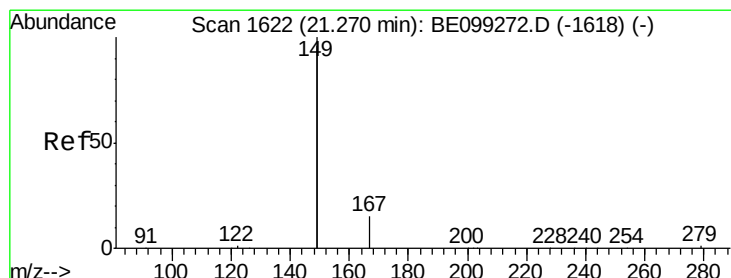
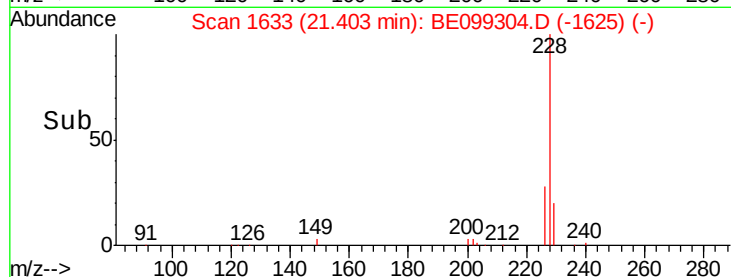
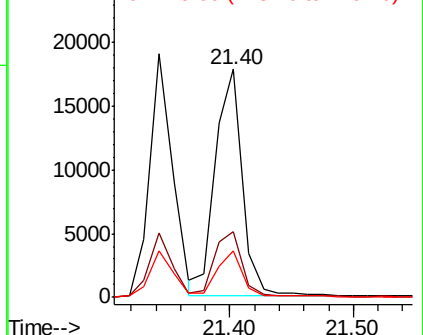


Abundance

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: 0.181 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

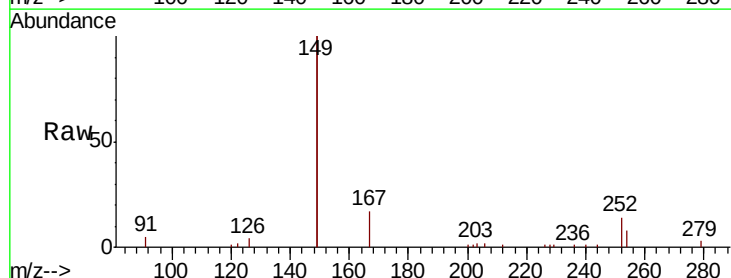
Tgt Ion:149 Resp: 18631

Ion Ratio Lower Upper

149 100

167 7.9 5.8 8.6

279 1.3 1.0 1.6

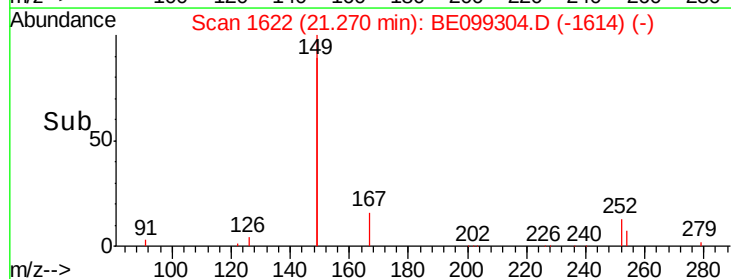
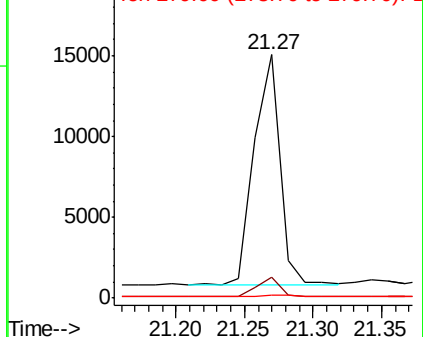


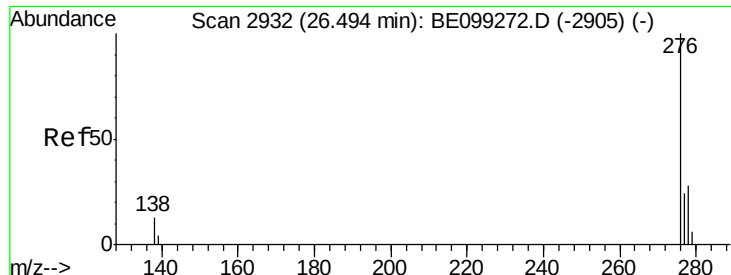
Abundance

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: 0.365 ng

RT: 26.49 min Scan# 2932

Delta R.T. -0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

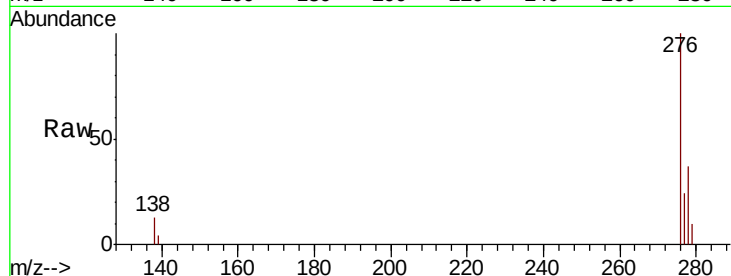
Tot Ion:276 Resp: 32934

Ion Ratio Lower Upper

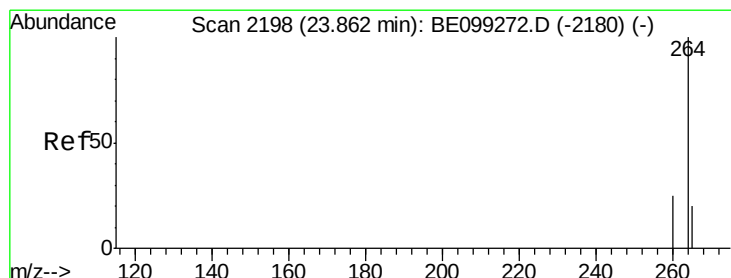
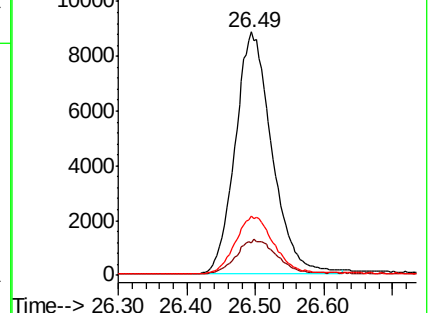
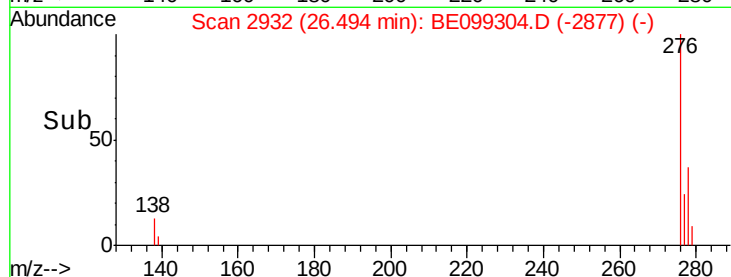
276 100

138 15.0 13.3 19.9

277 24.9 19.8 29.8



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: 23.86 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

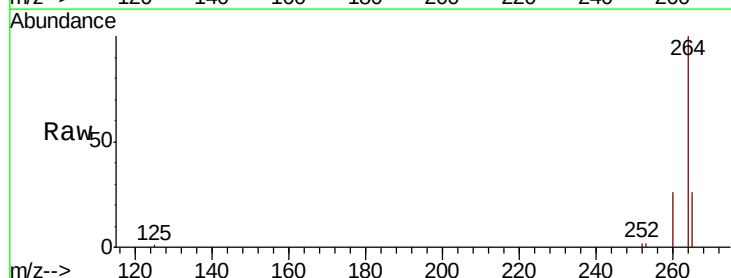
Tgt Ion:264 Resp: 27850

Ion Ratio Lower Upper

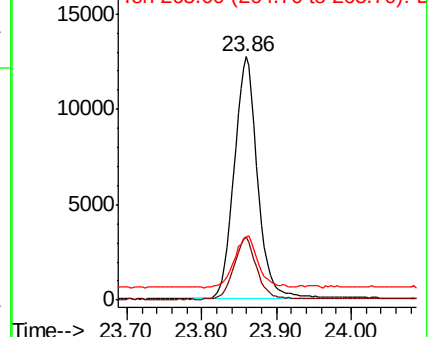
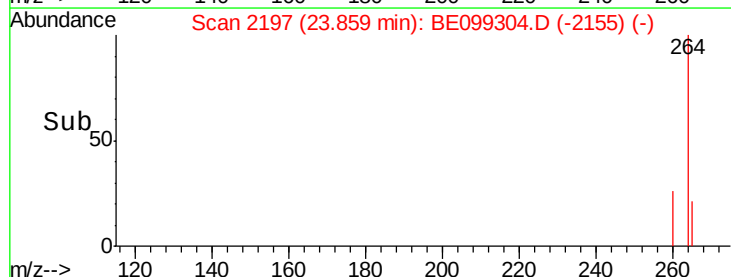
264 100

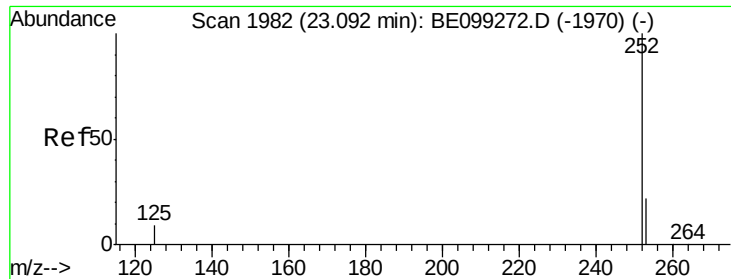
260 25.9 19.9 29.9

265 25.9 20.3 30.5



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

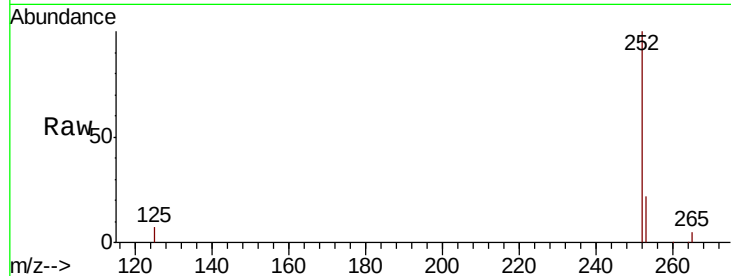




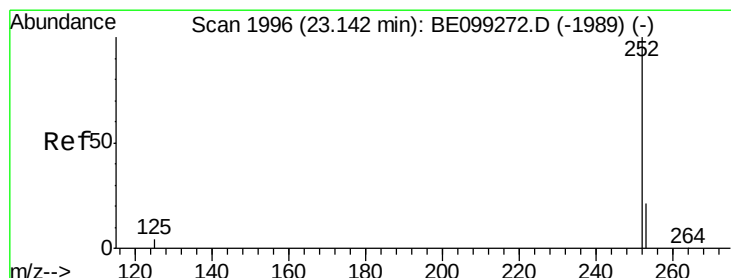
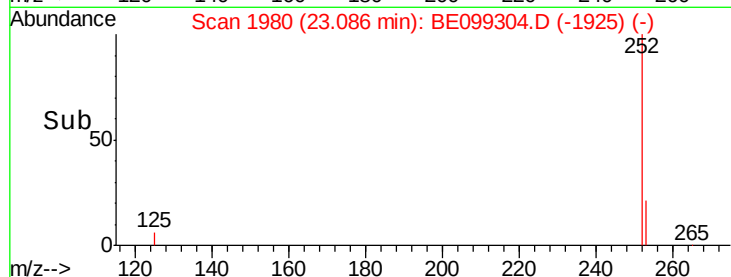
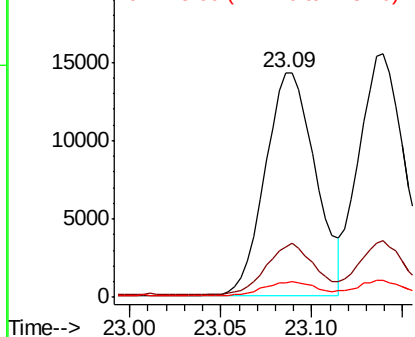
#35
Benzo(b)fluoranthene
Concen: 0.328 ng
RT: 23.09 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

Instrument :
BNA_E
ClientSampleId :
PB118607BSD

Tot Ion:252 Resp: 27234
Ion Ratio Lower Upper
252 100
253 22.4 18.5 27.7
125 6.7 9.4 14.2#

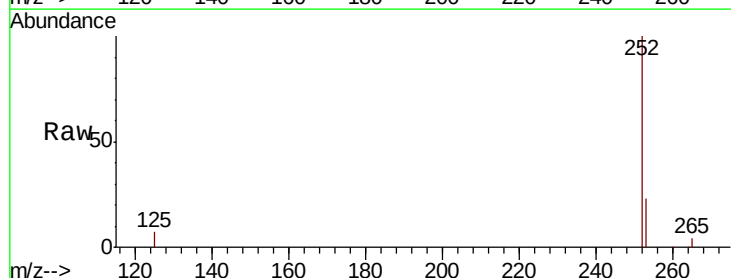


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

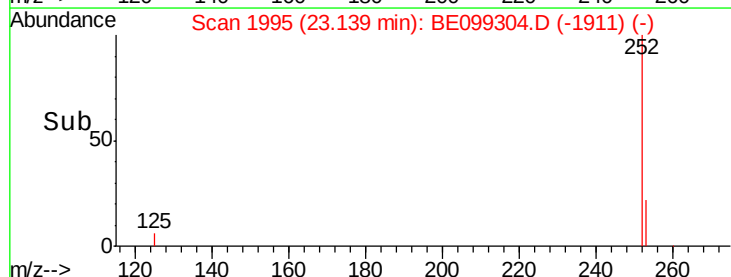
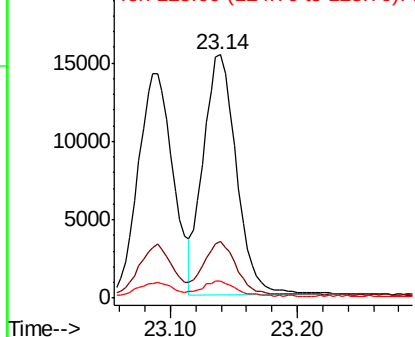


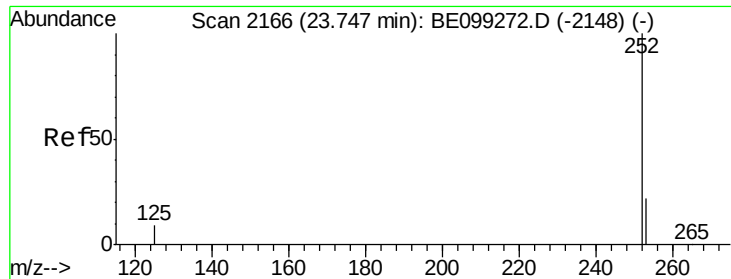
#36
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

Tgt Ion:252 Resp: 27712
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 7.0 5.2 7.8



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

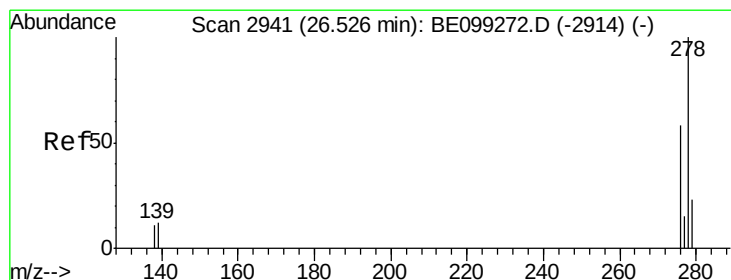
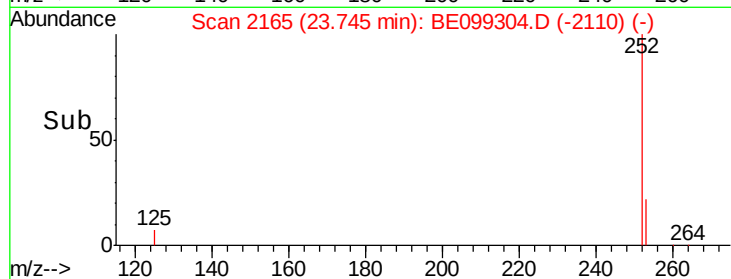
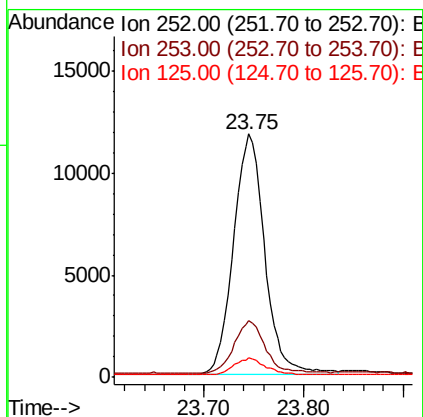
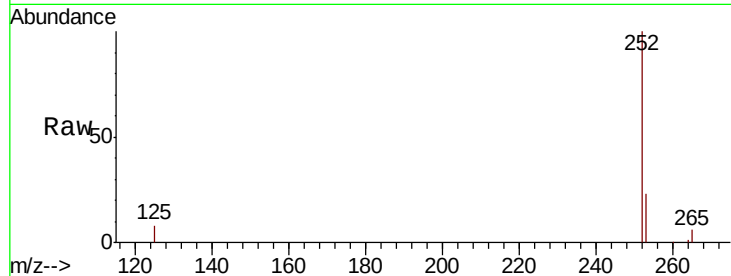




#37
Benzo(a)pyrene
Concen: 0.329 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

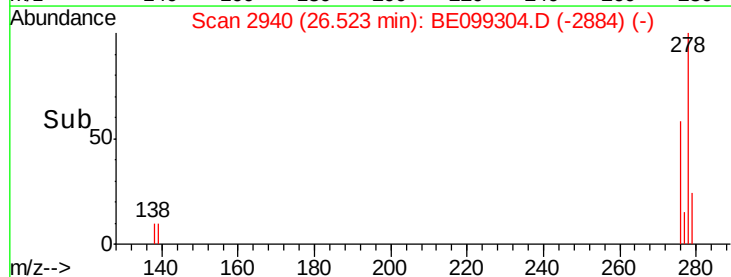
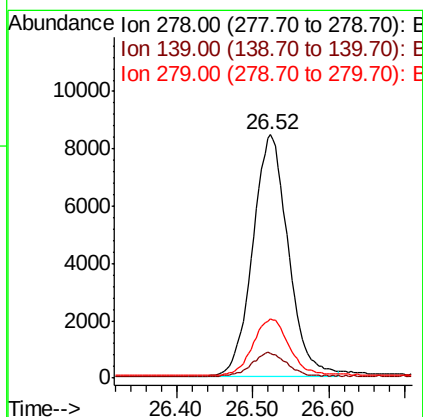
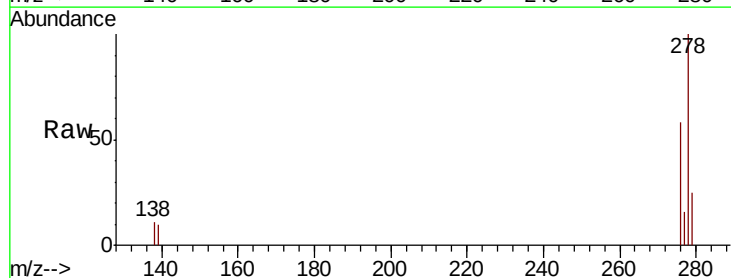
Instrument :
BNA_E
ClientSampleId :
PB118607BSD

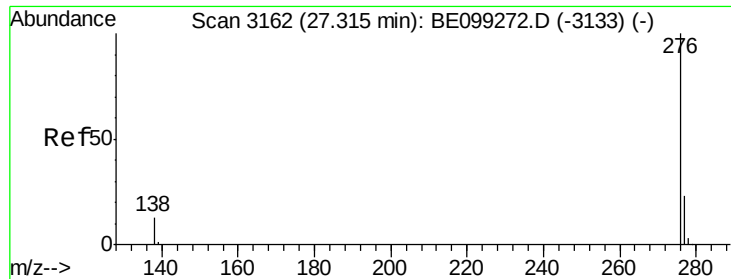
Tot Ion:252 Resp: 25695
Ion Ratio Lower Upper
252 100
253 23.5 18.6 28.0
125 8.0 9.5 14.3#



#38
Dibenzo(a,h)anthracene
Concen: 0.353 ng
RT: 26.52 min Scan# 2940
Delta R.T. -0.00 min
Lab File: BE099304.D
Acq: 5 Apr 2019 12:14

Tgt Ion:278 Resp: 27437
Ion Ratio Lower Upper
278 100
139 10.3 11.3 16.9#
279 24.5 19.4 29.2





#39

Benzo(a,h,i)perylene

Concen: 0.370 ng

RT: 27.30 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BE099304.D

Acq: 5 Apr 2019 12:14

Instrument :

BNA_E

ClientSampleId :

PB118607BSD

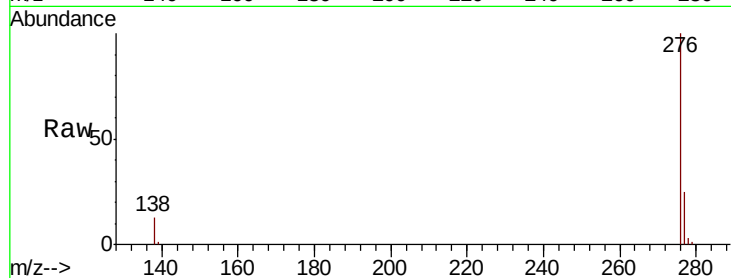
Tot Ion:276 Resp: 28610

Ion Ratio Lower Upper

276 100

277 24.7 19.0 28.4

138 12.9 10.7 16.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

