

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032219\
 Data File : BE099080.D
 Acq On : 22 Mar 2019 13:55
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 22 15:05:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 22 13:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	3128	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	13005	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	9165	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	27086	0.40	ng	0.00
27) Chrysene-d12	21.39	240	33092	0.40	ng	0.00
34) Perylene-d12	23.90	264	31425	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	29664	3.17	ng	0.00
5) Phenol-d6	7.00	99	43415	3.29	ng	0.00
8) Nitrobenzene-d5	8.99	82	20226	1.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	75942	3.16	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	10980	2.37	ng	0.01
15) 2-Fluorobiphenyl	13.12	172	113827	3.00	ng	0.00
25) Fluoranthene-d10	19.24	212	1146871	2.65	ng	0.00
29) Terphenyl-d14	19.84	244	228870	2.85	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	15415	2.499	ng	93
3) n-Nitrosodimethylamine	3.66	42	8950	1.137	ng	# 100
6) bis(2-Chloroethyl)ether	7.27	93	37056	3.634	ng	98
9) Naphthalene	10.68	128	481683	3.234	ng	99
10) Hexachlorobutadiene	10.97	225	23311	2.366	ng	99
12) 2-Methylnaphthalene	12.31	142	84178	3.484	ng	99
16) Acenaphthylene	14.21	152	160604	3.407	ng	100
17) Acenaphthene	14.54	154	93719	3.352	ng	96
18) Fluorene	15.51	166	134551	3.337	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	47558	3.240	ng	97
21) Hexachlorobenzene	16.52	284	44317	2.539	ng	98
22) Pentachlorophenol	16.87	266	15880	4.477	ng	98
23) Phenanthrene	17.25	178	252705	3.282	ng	99
24) Anthracene	17.35	178	249797	3.796	ng	100
26) Fluoranthene	19.28	202	353747	3.255	ng	99
28) Pyrene	19.63	202	361541	3.571	ng	100
30) Benzo(a)anthracene	21.37	228	368694	3.570	ng	99
31) Chrysene	21.43	228	365660	3.309	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	512023	2.330	ng	100
33) Indeno(1,2,3-cd)pyrene	26.56	276	396423	3.399	ng	99
35) Benzo(b)fluoranthene	23.13	252	346474	3.353	ng	98
36) Benzo(k)fluoranthene	23.18	252	350474	3.240	ng	96
37) Benzo(a)pyrene	23.79	252	327287	3.304	ng	96
38) Dibenzo(a,h)anthracene	26.59	278	325622	3.474	ng	98
39) Benzo(g,h,i)perylene	27.38	276	326143	3.327	ng	98

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

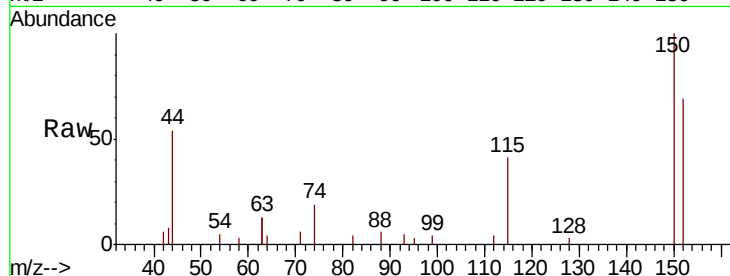


#1

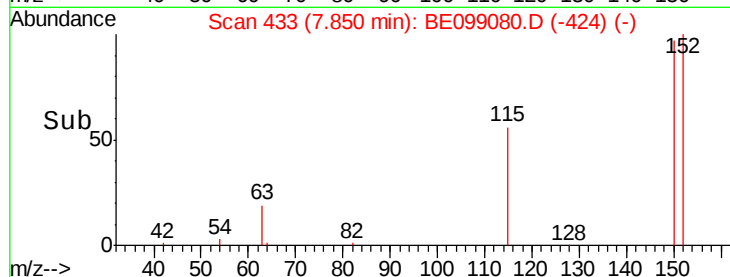
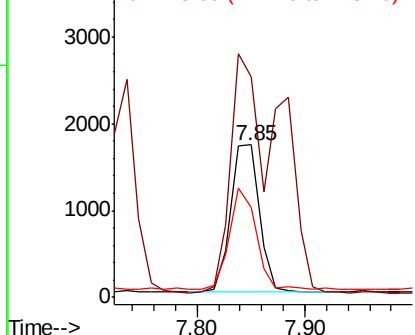
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.01 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3128
Ion Ratio Lower Upper
152 100
150 144.9 119.7 179.5
115 58.9 56.5 84.7



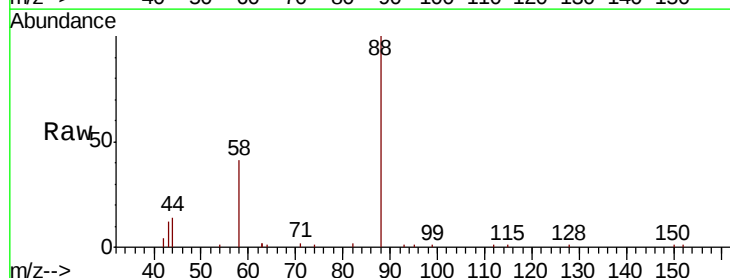
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



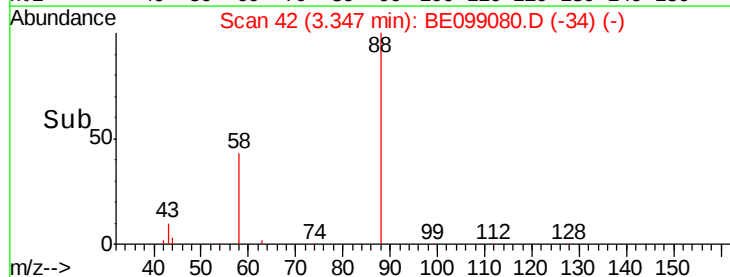
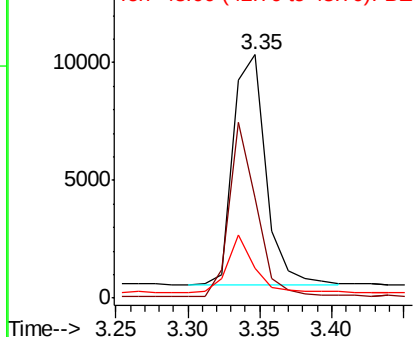
#2

1,4-Dioxane
Concen: 2.499 ng
RT: 3.35 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion: 88 Resp: 15415
Ion Ratio Lower Upper
88 100
58 63.1 45.5 68.3
43 20.1 14.9 22.3



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



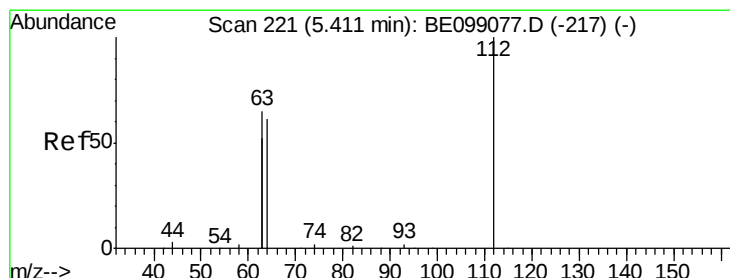
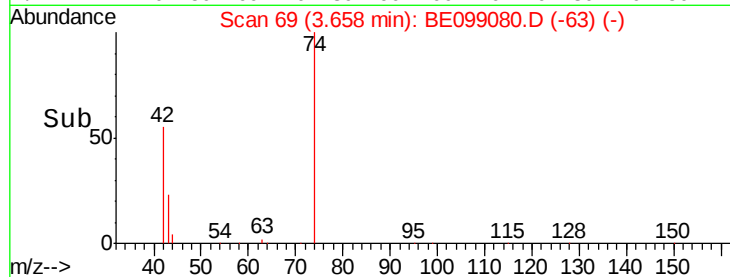
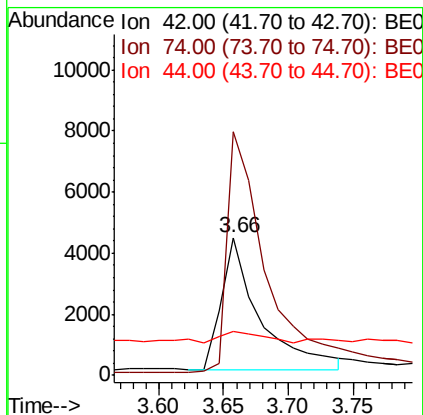
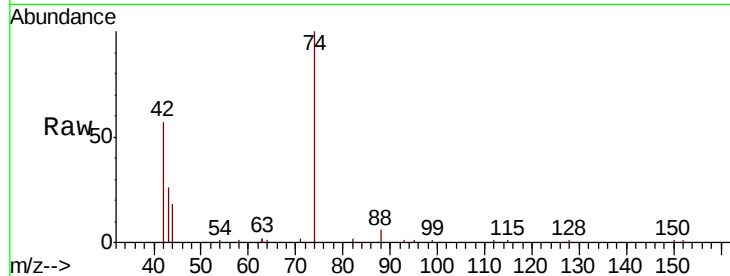


#3

n-Nitrosodimethylamine
 Concen: 1.137 ng
 RT: 3.66 min Scan# 69
 Delta R.T. -0.03 min
 Lab File: BE099080.D
 Acq: 22 Mar 2019 13:55

Instrument :
 BNA_E
 ClientSampled :

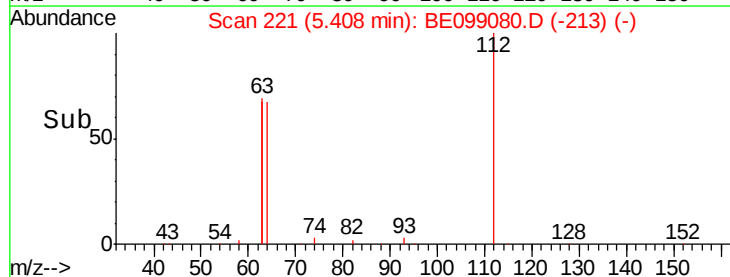
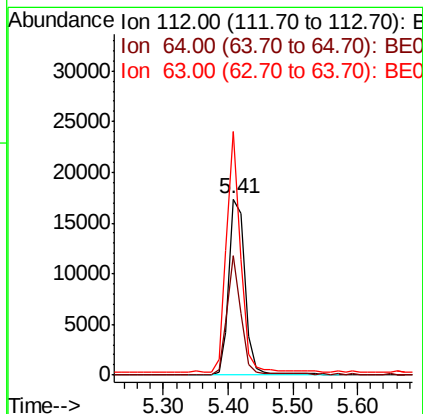
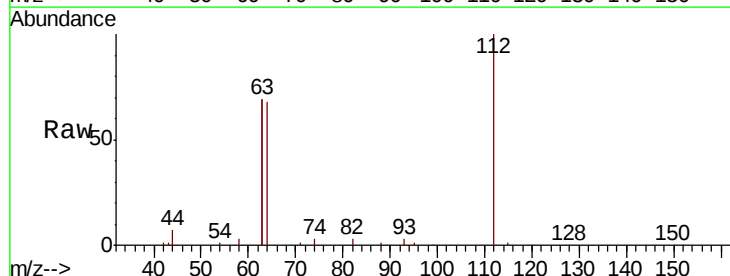
Tot Ion	42	Resp:	8950
Ion	Ratio	Lower	Upper
42	100		
74	187.6	0.0	0.0#
44	9.4	0.0	0.0#

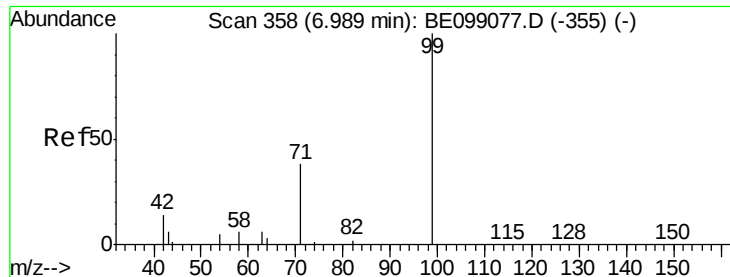


#4

2-Fluorophenol
 Concen: 3.172 ng
 RT: 5.41 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: BE099080.D
 Acq: 22 Mar 2019 13:55

Tgt Ion	112	Resp:	29664
Ion	Ratio	Lower	Upper
112	100		
64	58.2	44.8	67.2
63	119.4	88.2	132.2





#5

Phenol-d6

Concen: 3.287 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

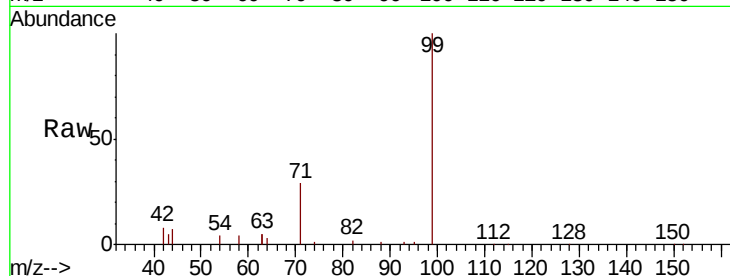
Tot Ion: 99 Resp: 43415

Ion Ratio Lower Upper

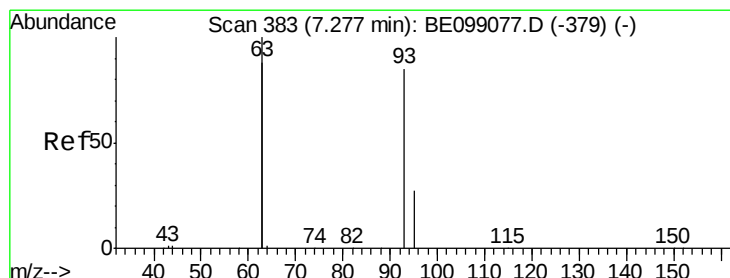
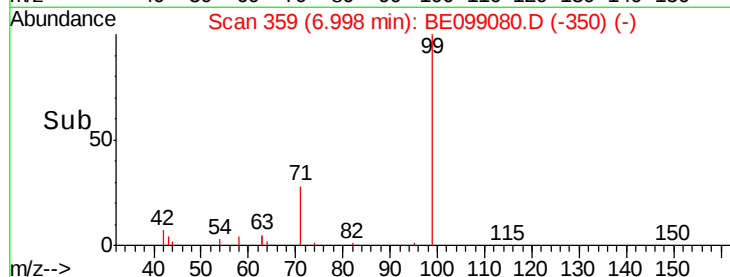
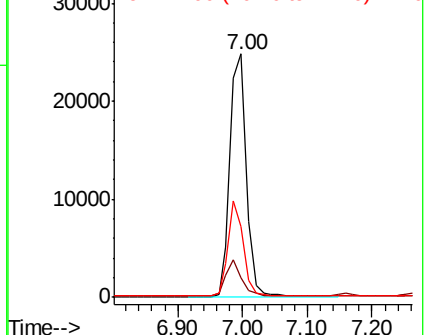
99 100

42 14.2 11.8 17.8

71 36.1 27.4 41.2



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: 3.634 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

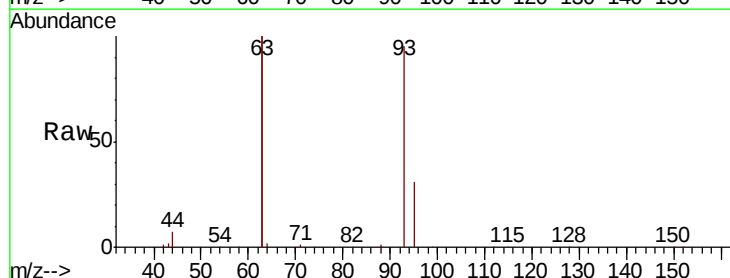
Tgt Ion: 93 Resp: 37056

Ion Ratio Lower Upper

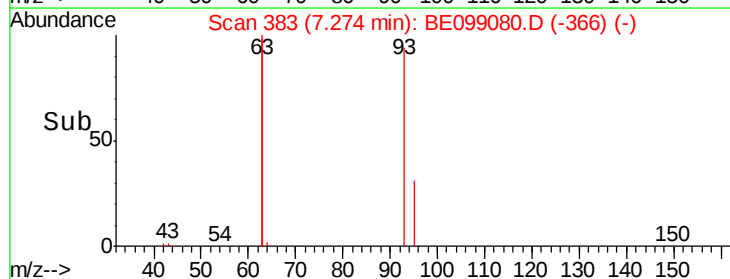
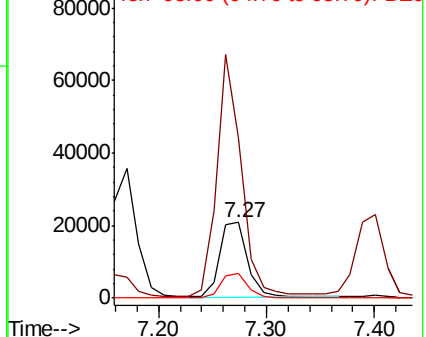
93 100

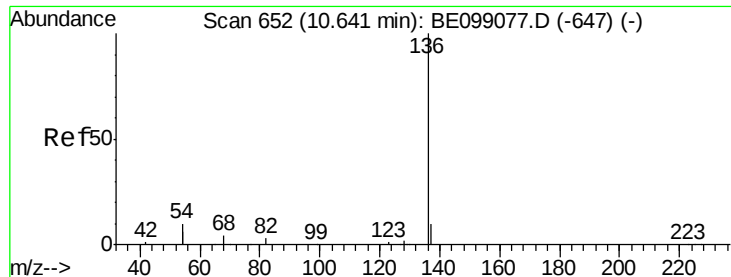
63 285.0 230.3 345.5

95 32.5 27.4 41.2



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: 10.64 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13005

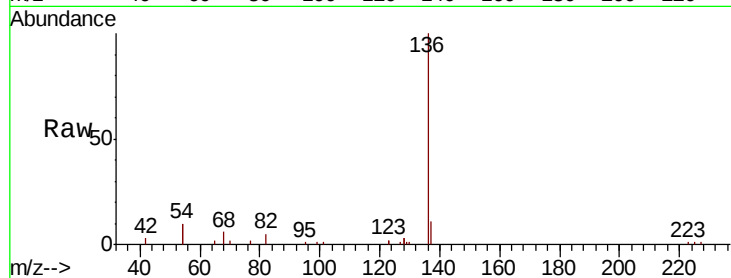
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 19.0 15.7 23.5

68 6.1 4.3 6.5

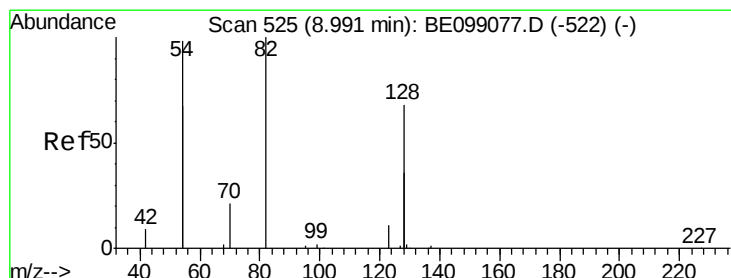
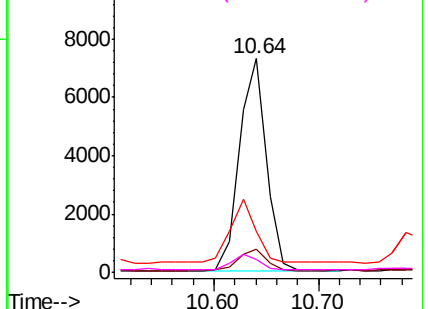
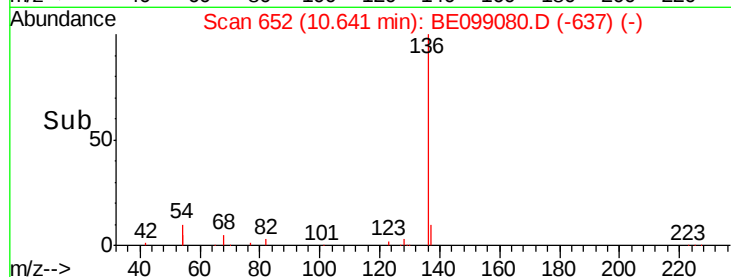


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.483 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

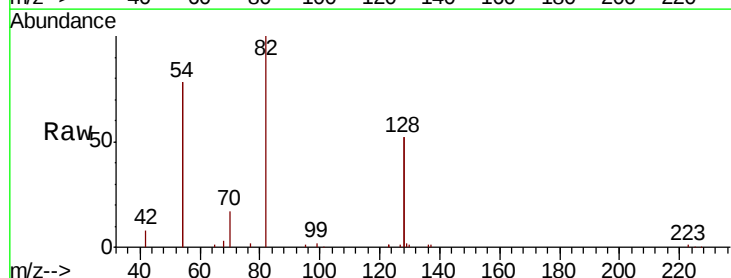
Tgt Ion: 82 Resp: 20226

Ion Ratio Lower Upper

82 100

128 104.6 98.8 148.2

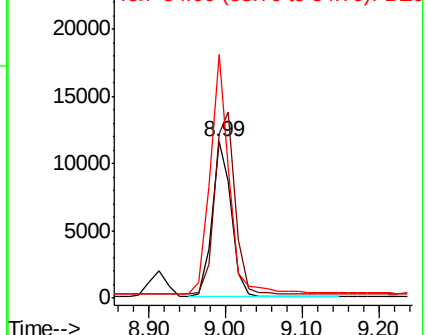
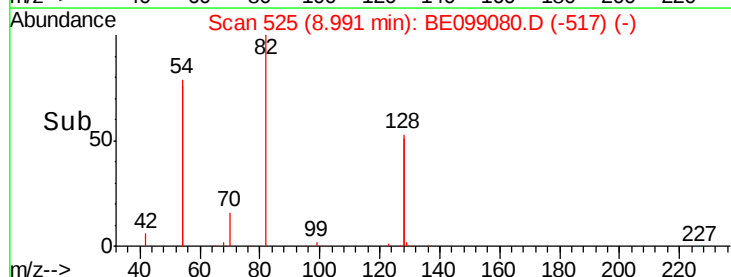
54 155.6 143.7 215.5

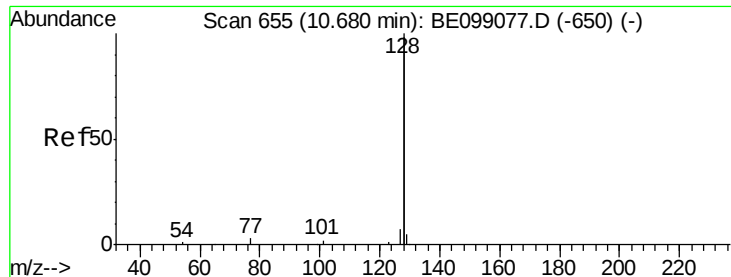


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.234 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

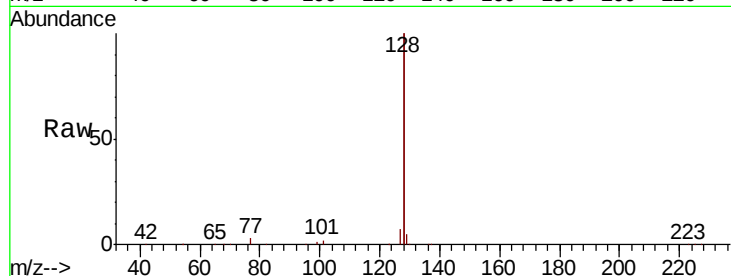
Tot Ion:128 Resp: 481683

Ion Ratio Lower Upper

128 100

129 2.6 2.3 3.5

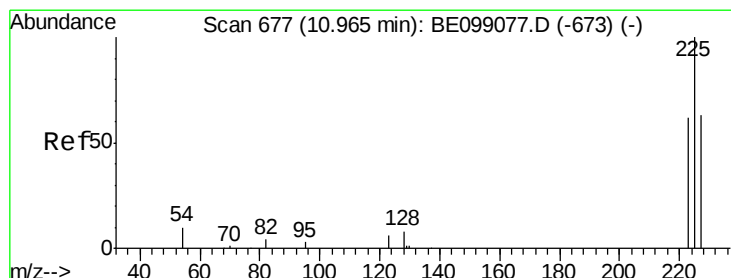
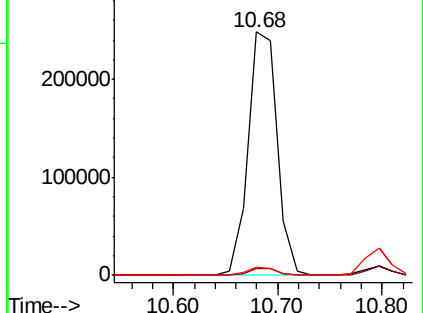
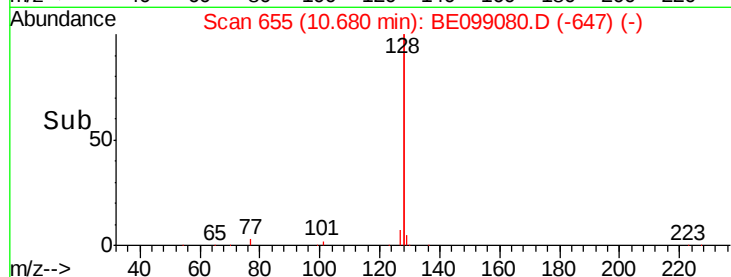
127 3.3 2.8 4.2



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: 2.366 ng

RT: 10.97 min Scan# 677

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

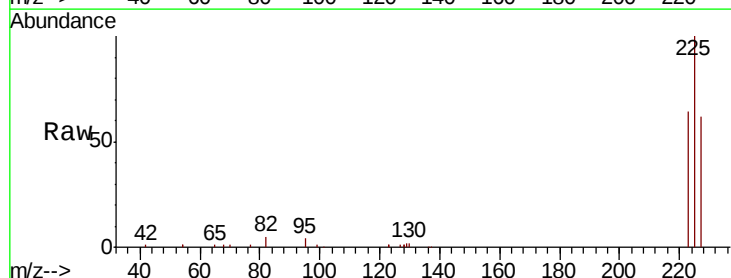
Tgt Ion:225 Resp: 23311

Ion Ratio Lower Upper

225 100

223 63.5 51.1 76.7

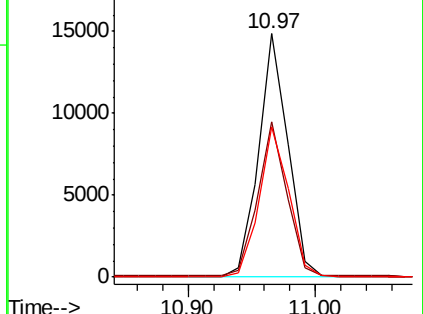
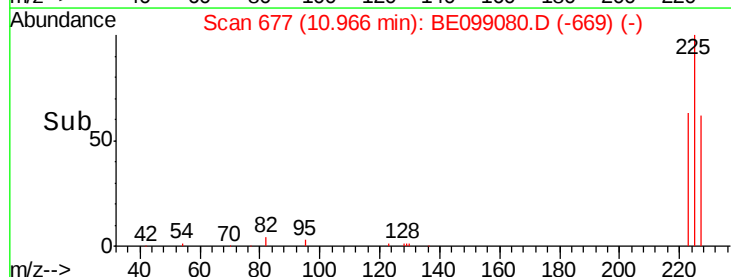
227 62.4 51.4 77.2

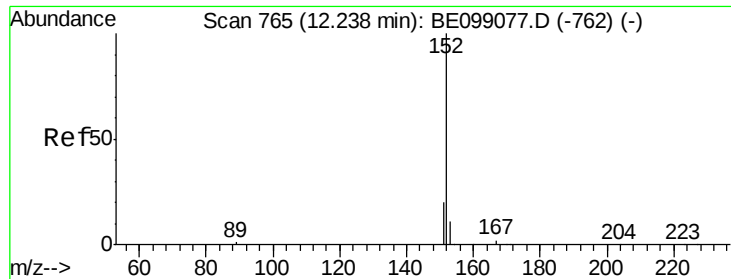


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

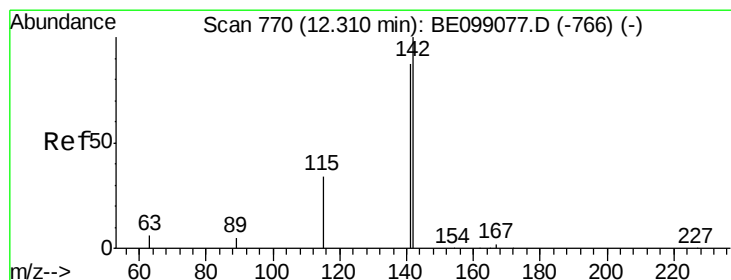
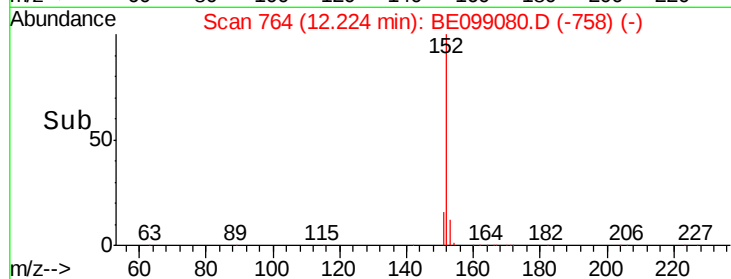
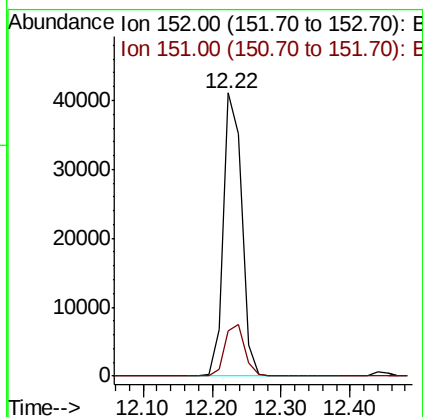
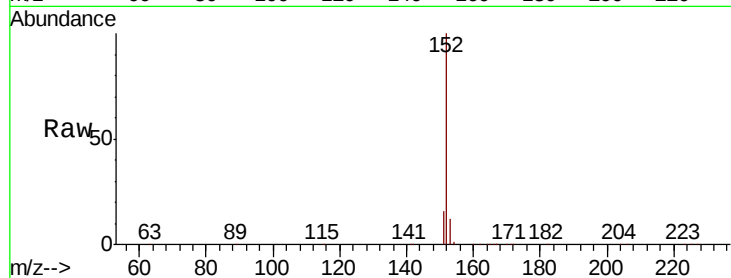




#11
 2-Methylnaphthalene-d10
 Concen: 3.159 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BE099080.D
 Acq: 22 Mar 2019 13:55

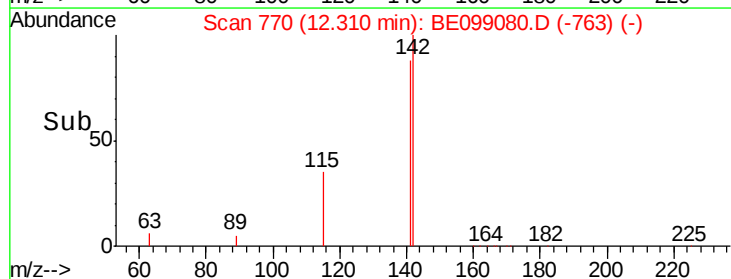
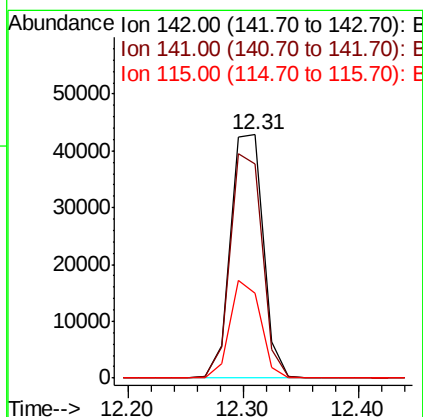
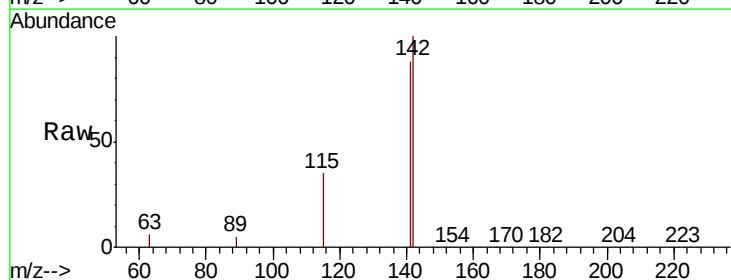
Instrument :
 BNA_E
 ClientSampleId :

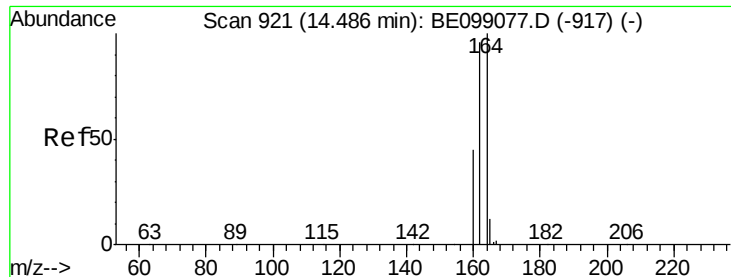
Tot Ion:152 Resp: 75942
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.7 23.5



#12
 2-Methylnaphthalene
 Concen: 3.484 ng
 RT: 12.31 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BE099080.D
 Acq: 22 Mar 2019 13:55

Tgt Ion:142 Resp: 84178
 Ion Ratio Lower Upper
 142 100
 141 88.1 69.7 104.5
 115 34.7 28.2 42.4

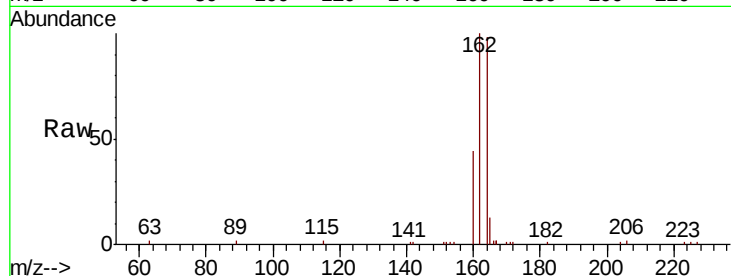




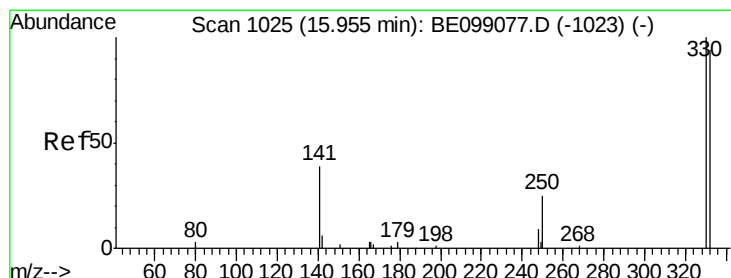
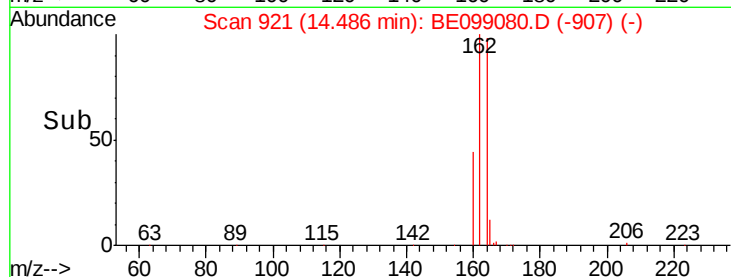
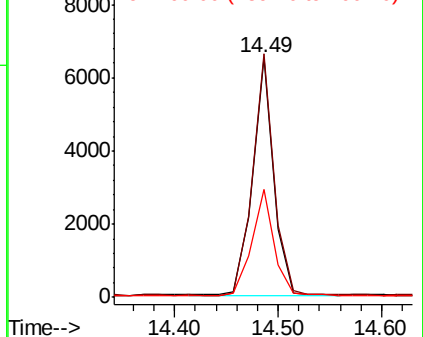
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 9165
Ion Ratio Lower Upper
164 100
162 101.7 76.8 115.2
160 45.2 36.1 54.1

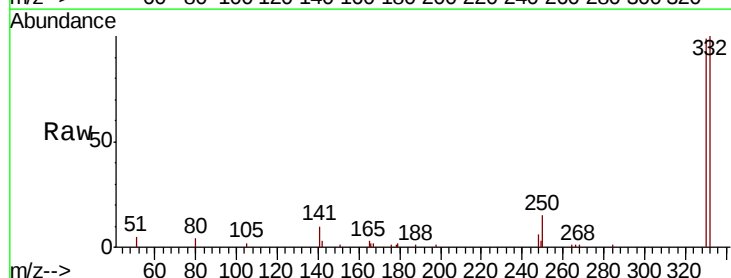


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

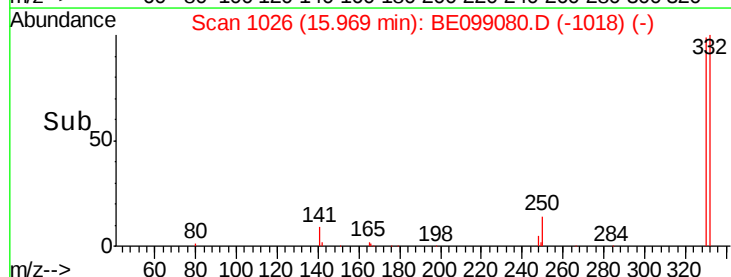
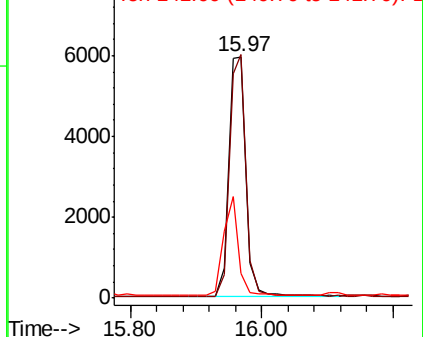


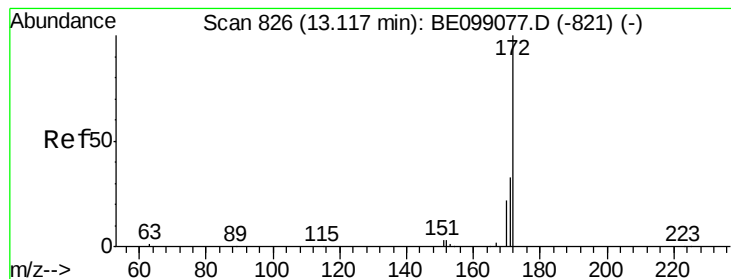
#14
2,4,6-Tribromophenol
Concen: 2.374 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:330 Resp: 10980
Ion Ratio Lower Upper
330 100
332 96.9 83.0 124.4
141 35.2 30.7 46.1



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: 3.000 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

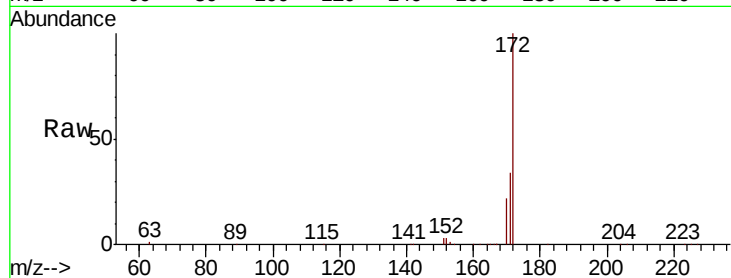
Tot Ion:172 Resp: 113827

Ion Ratio Lower Upper

172 100

171 33.9 26.7 40.1

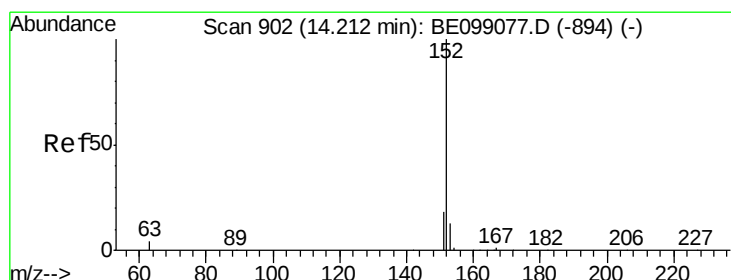
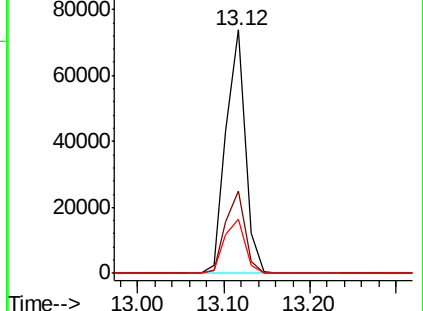
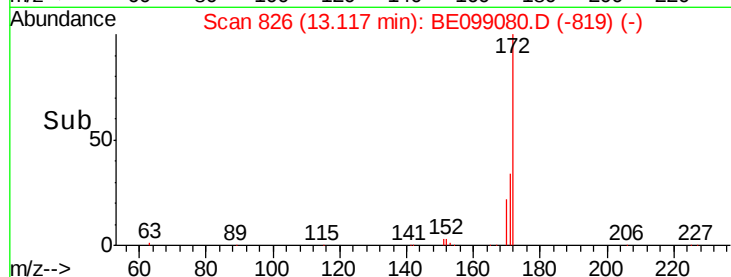
170 22.4 18.1 27.1



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: 3.407 ng

RT: 14.21 min Scan# 902

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

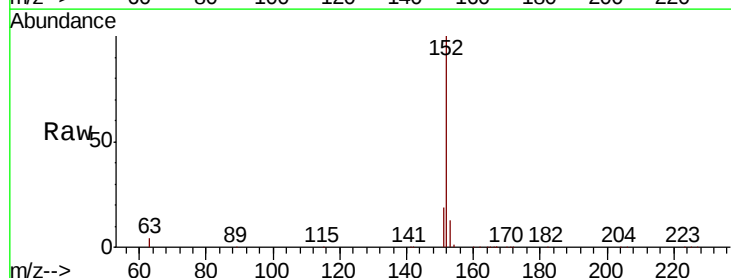
Tgt Ion:152 Resp: 160604

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

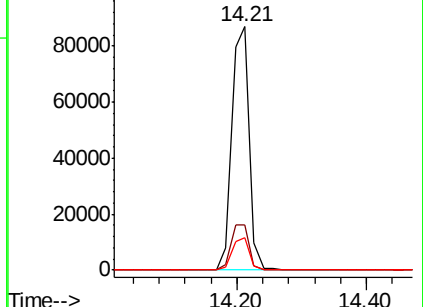
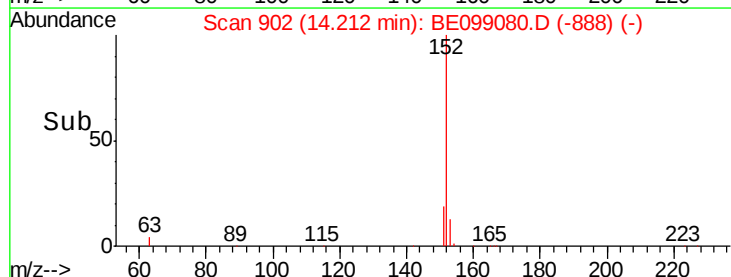
153 13.0 10.2 15.4

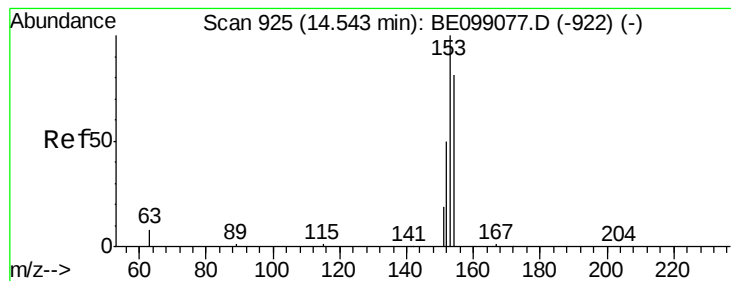


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 3.352 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

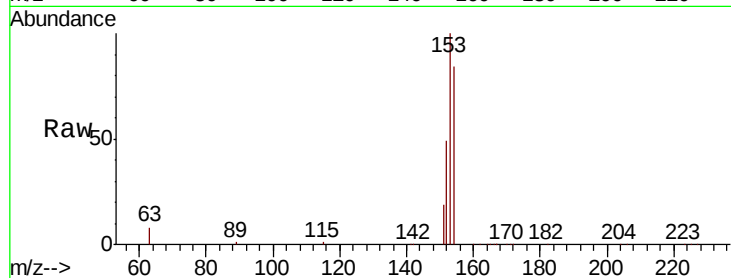
Instrument :

BNA_E

ClientSampleId :

Tot Ion:154 Resp: 93719

Ion	Ratio	Lower	Upper
154	100		
153	114.0	94.9	142.3
152	55.4	45.8	68.8

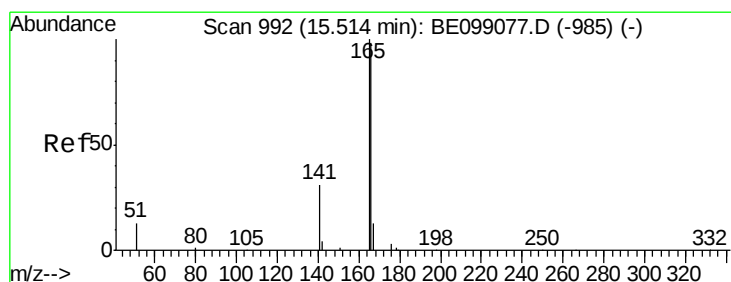
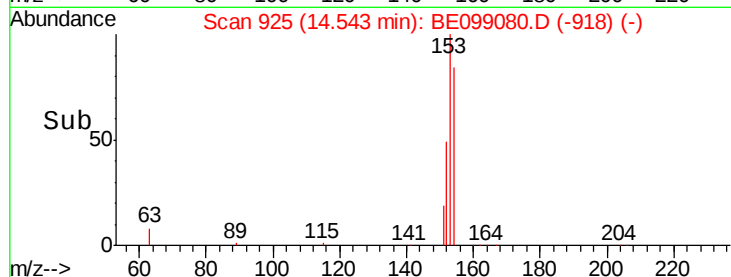
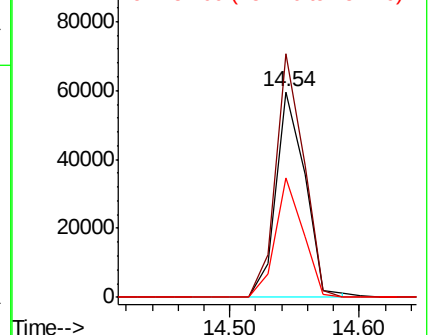


Abundance

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: 3.337 ng

RT: 15.51 min Scan# 992

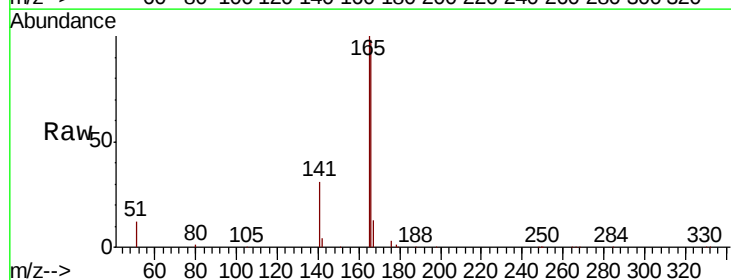
Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Tgt Ion:166 Resp: 134551

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.4	119.2
167	13.5	10.8	16.2

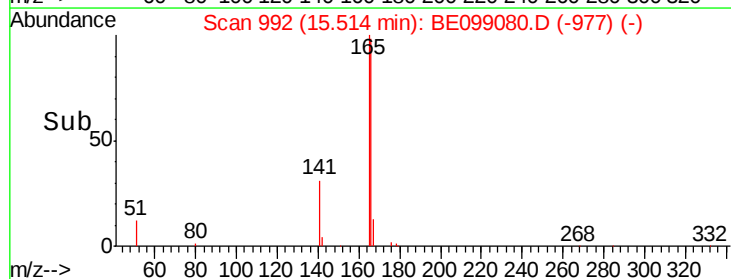
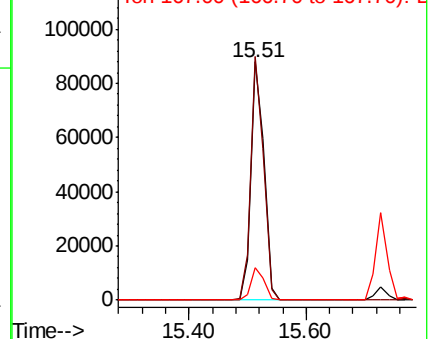


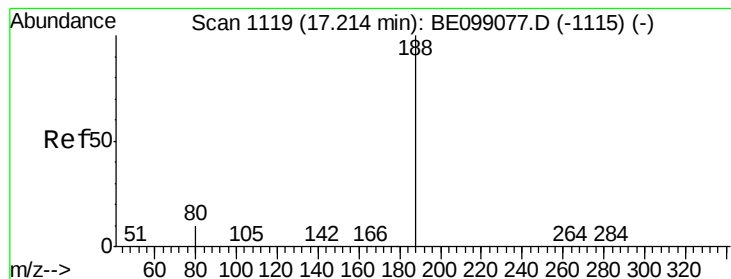
Abundance

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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

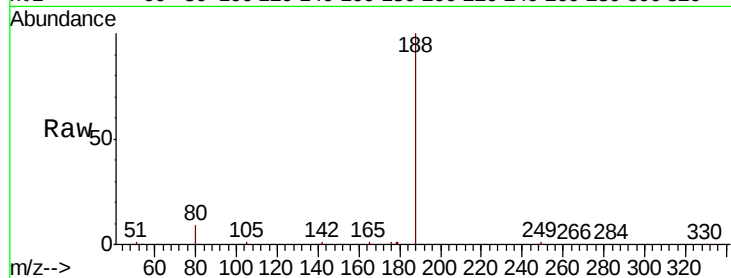
Tot Ion:188 Resp: 27086

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

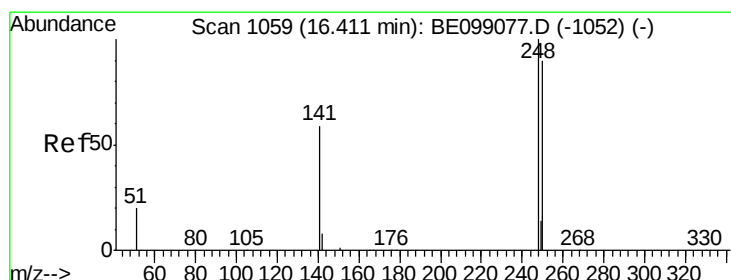
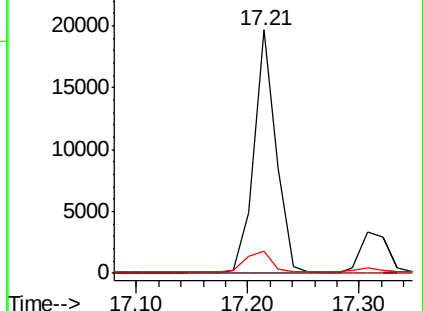
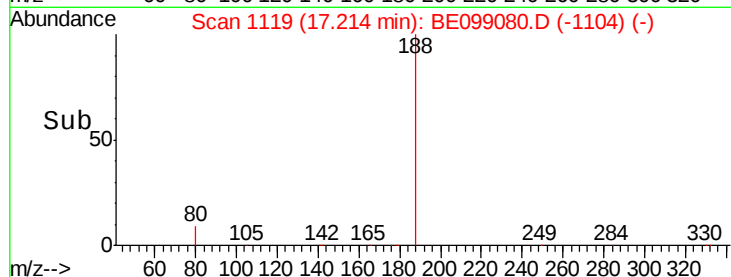
80 9.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 3.240 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

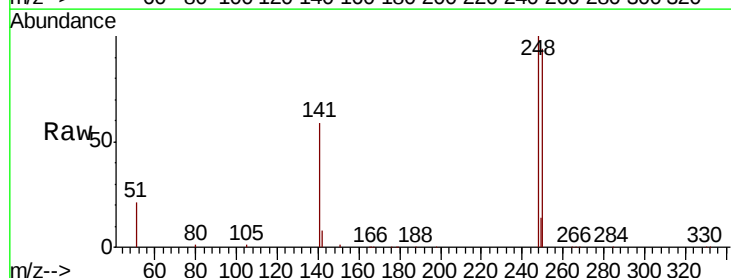
Tgt Ion:248 Resp: 47558

Ion Ratio Lower Upper

248 100

250 93.7 72.0 108.0

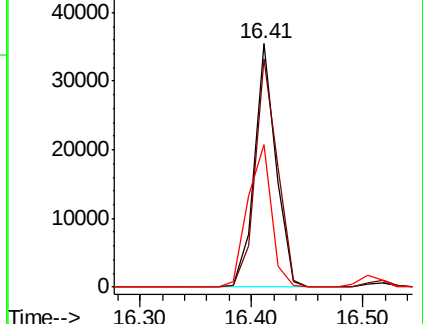
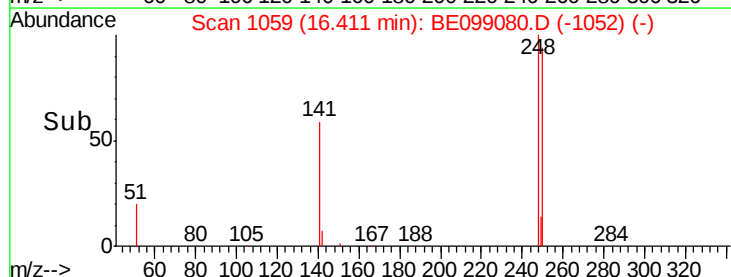
141 58.7 47.8 71.8

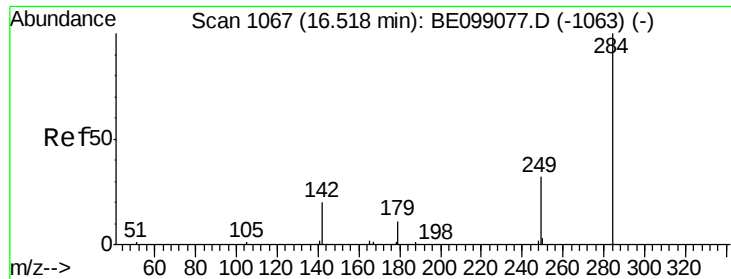


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 2.539 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

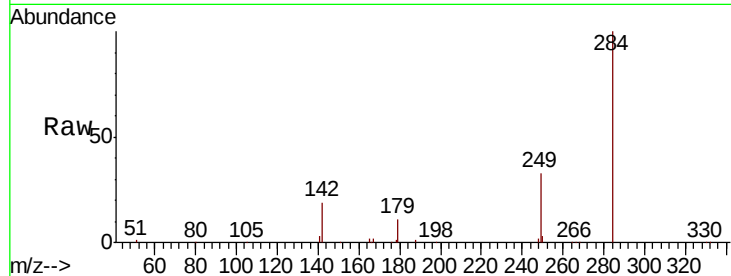
Tot Ion:284 Resp: 44317

Ion Ratio Lower Upper

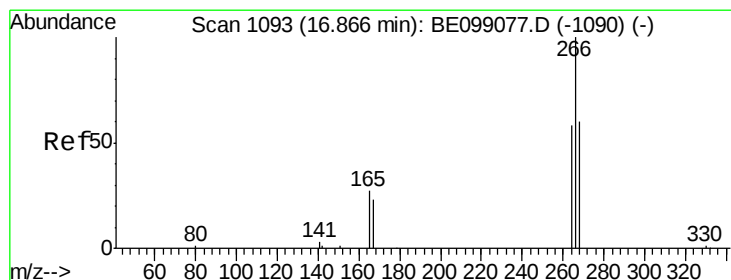
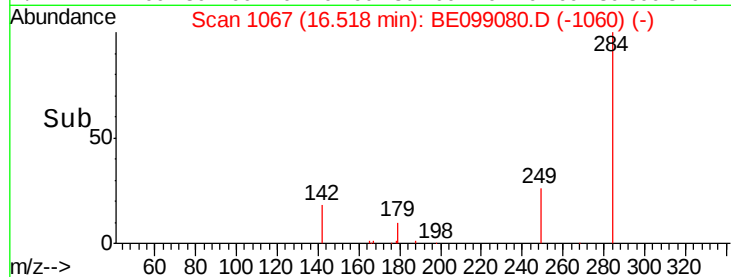
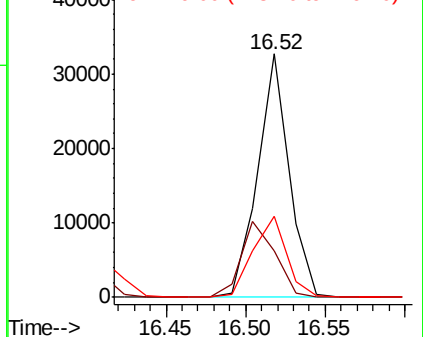
284 100

142 33.4 28.5 42.7

249 35.3 28.2 42.4



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: 4.477 ng

RT: 16.87 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

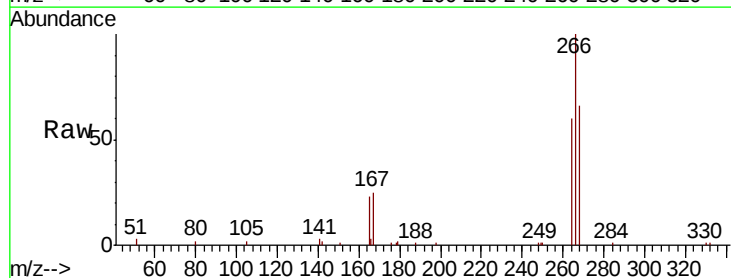
Tgt Ion:266 Resp: 15880

Ion Ratio Lower Upper

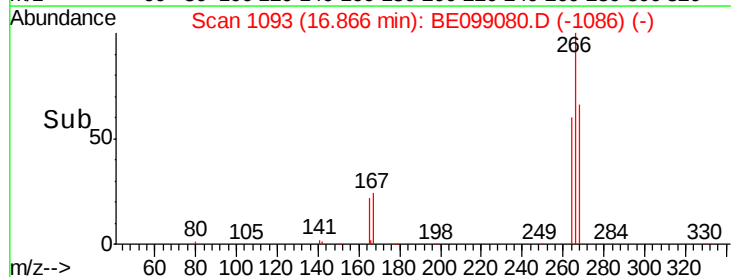
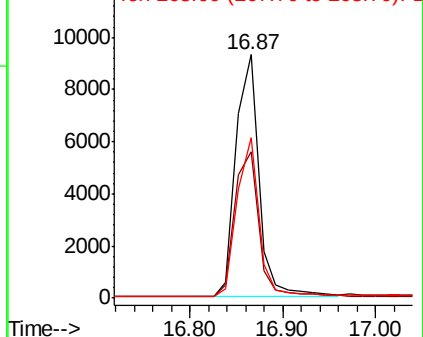
266 100

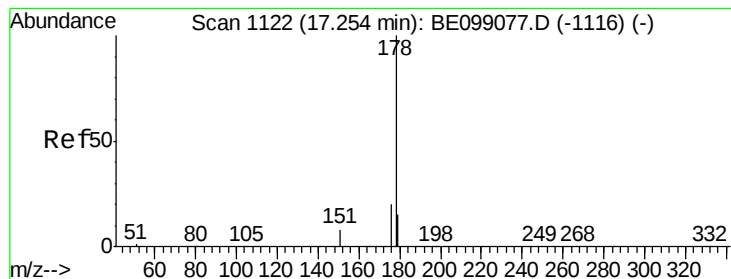
264 59.9 47.4 71.0

268 66.1 50.7 76.1



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: 3.282 ng

RT: 17.25 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampled :

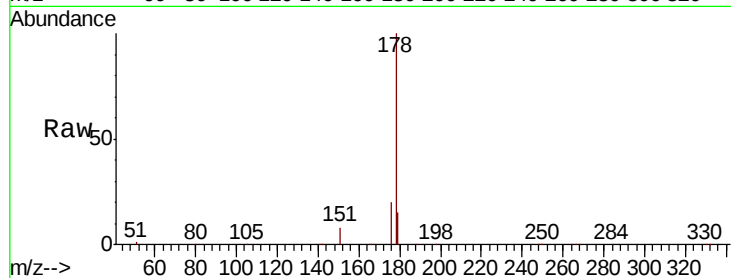
Tot Ion:178 Resp: 252705

Ion Ratio Lower Upper

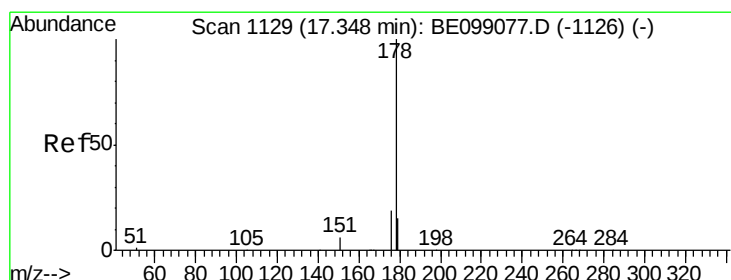
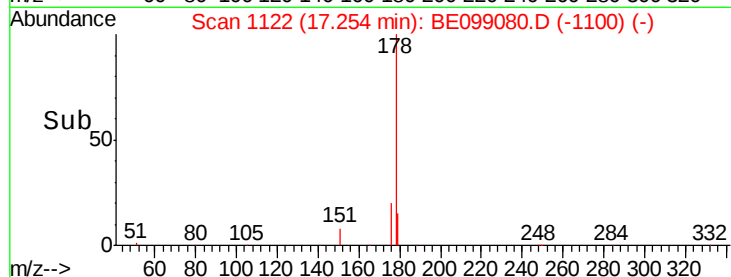
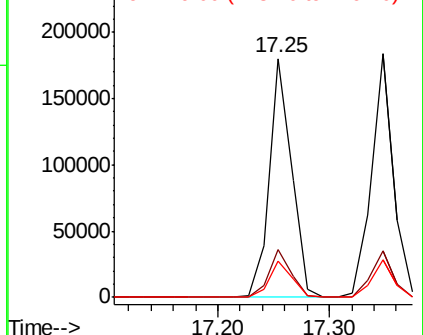
178 100

176 19.6 16.0 24.0

179 15.5 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



#24

Anthracene

Concen: 3.796 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

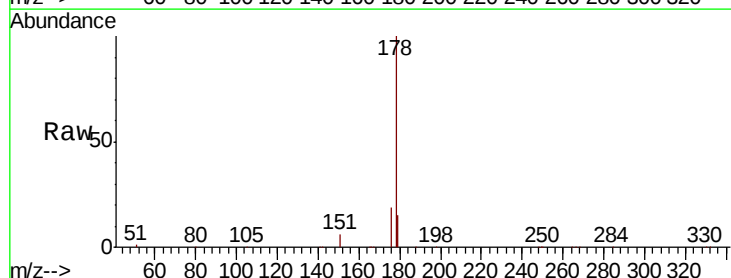
Tgt Ion:178 Resp: 249797

Ion Ratio Lower Upper

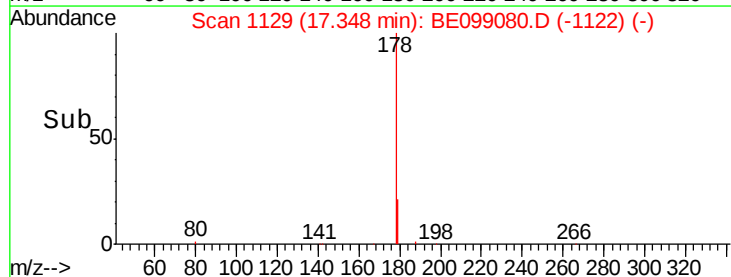
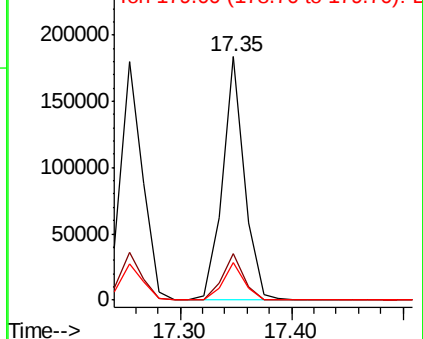
178 100

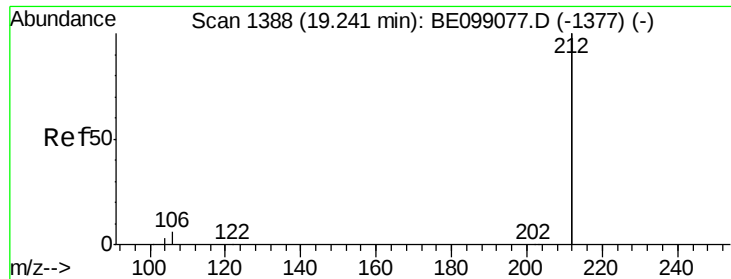
176 18.8 15.0 22.6

179 15.3 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





#25

Fluoranthene-d10

Concen: 2.653 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampled :

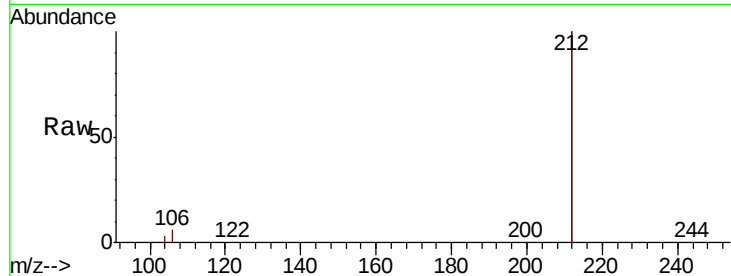
Tot Ion:212 Resp: 1146871

Ion Ratio Lower Upper

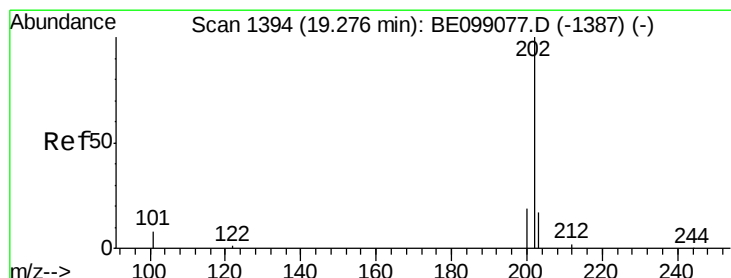
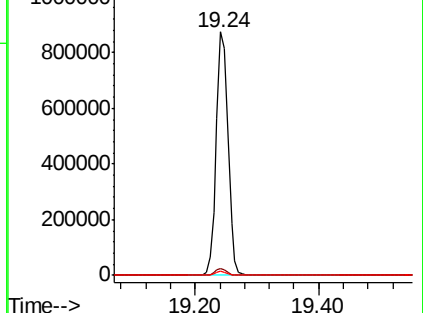
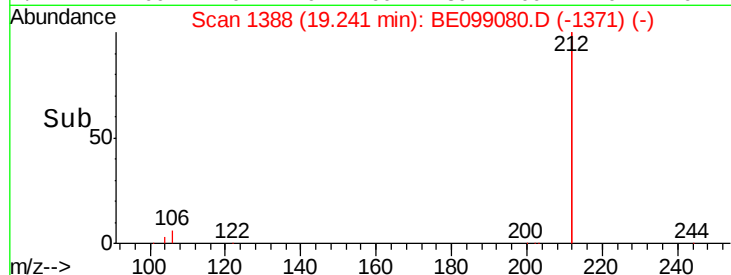
212 100

106 2.7 2.2 3.4

104 1.5 1.3 1.9



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: 3.255 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

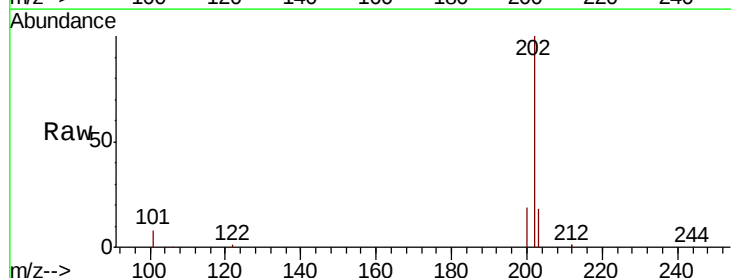
Tgt Ion:202 Resp: 353747

Ion Ratio Lower Upper

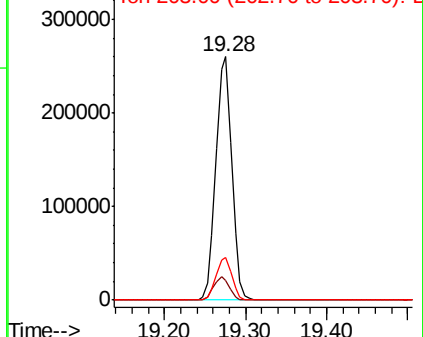
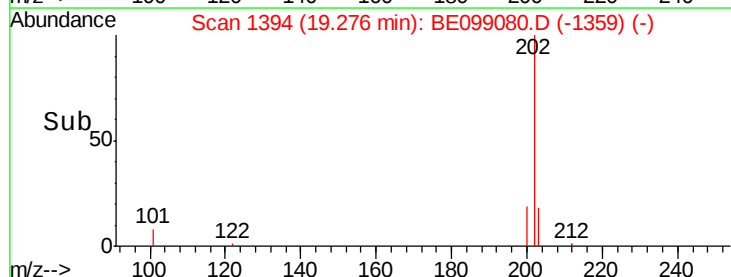
202 100

101 9.6 7.5 11.3

203 17.4 13.7 20.5



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

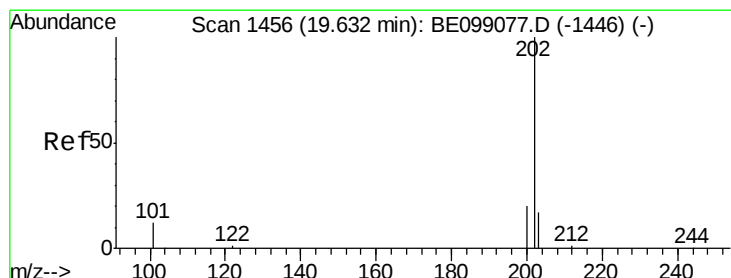
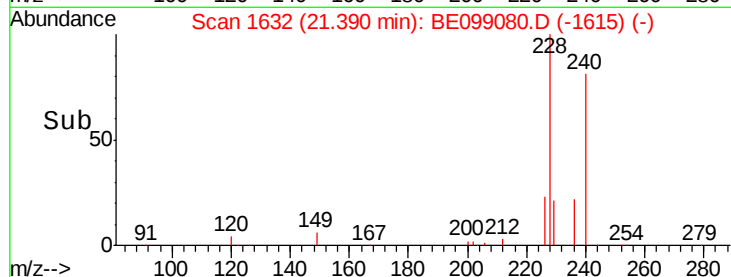
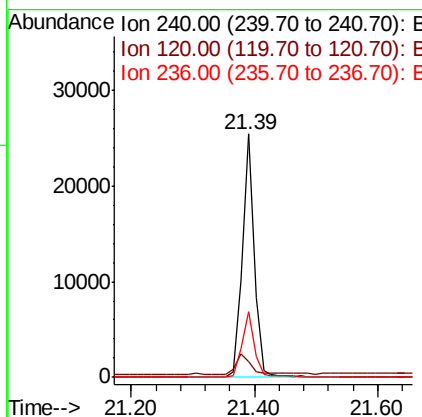
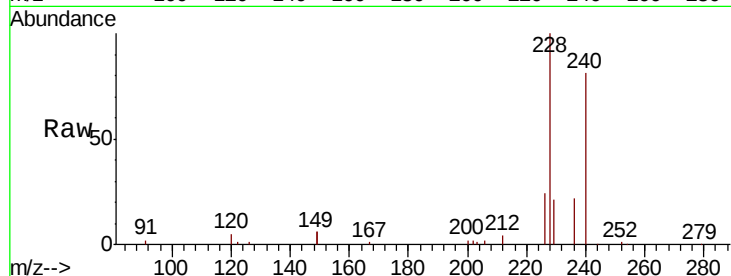




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

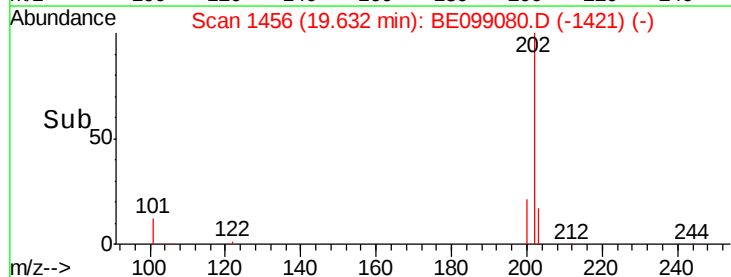
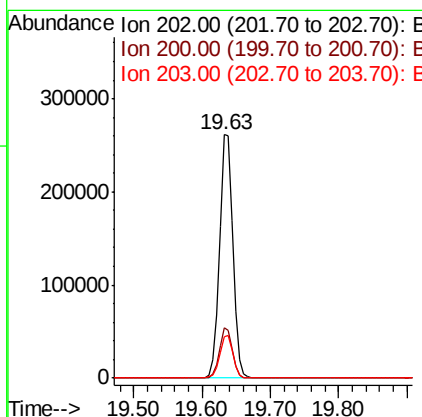
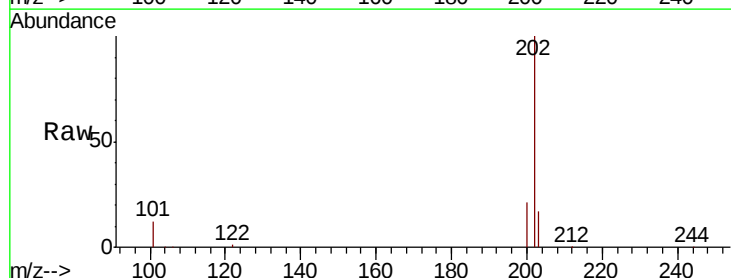
Instrument :
BNA_E
ClientSampleId :

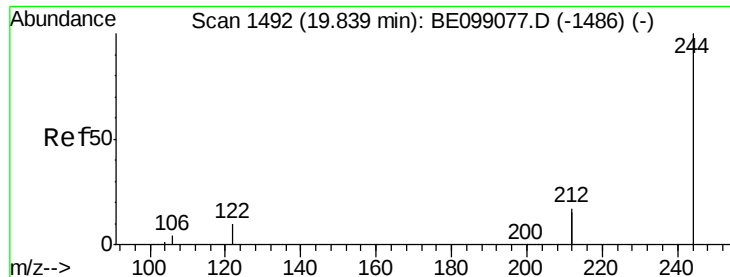
Tot Ion:240 Resp: 33092
Ion Ratio Lower Upper
240 100
120 6.7 5.0 7.6
236 27.1 22.2 33.4



#28
Pyrene
Concen: 3.571 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:202 Resp: 361541
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.7 14.0 21.0





#29

Terphenyl-d14

Concen: 2.846 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.01 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

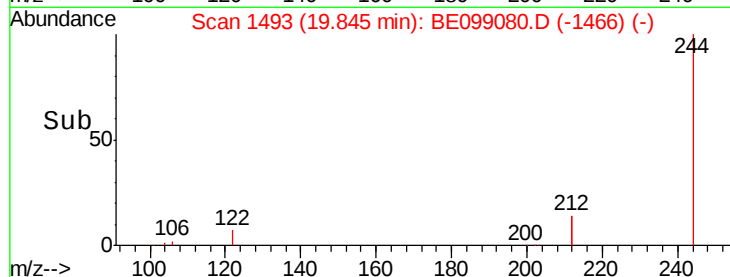
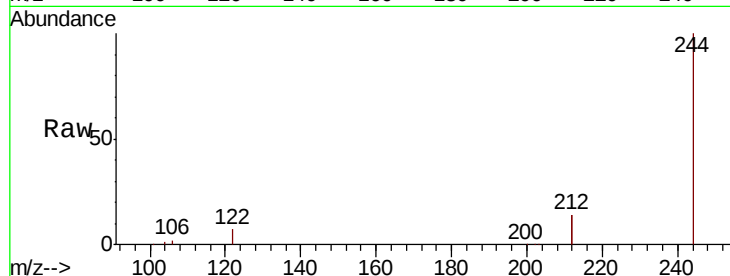
Tot Ion:244 Resp: 228870

Ion Ratio Lower Upper

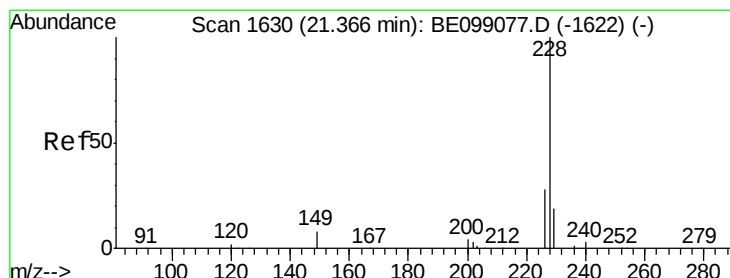
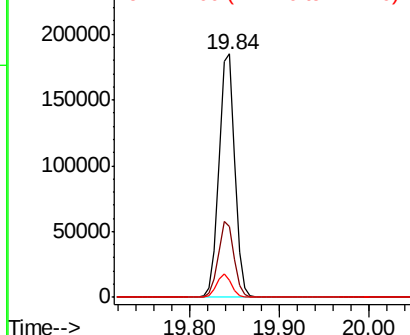
244 100

212 28.9 26.9 40.3

122 6.8 7.8 11.8#



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: 3.570 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

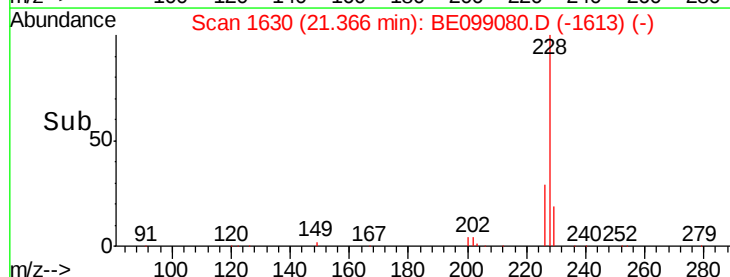
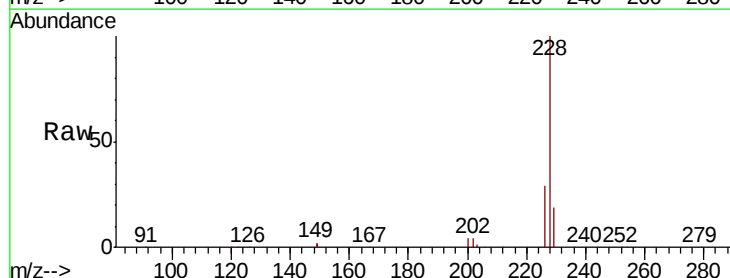
Tgt Ion:228 Resp: 368694

Ion Ratio Lower Upper

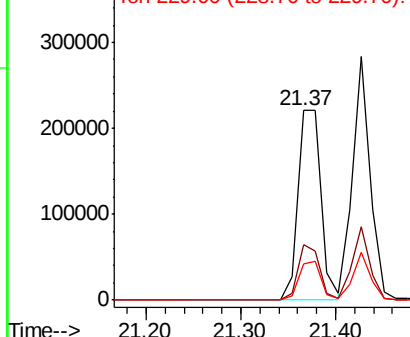
228 100

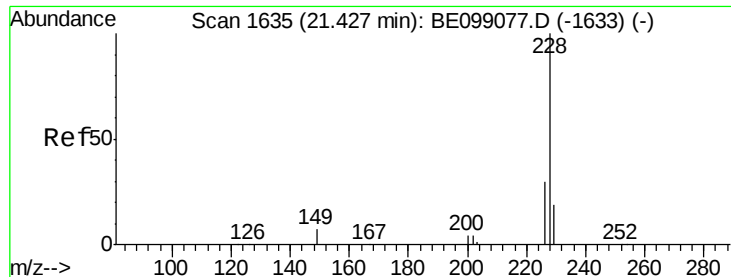
226 29.0 22.4 33.6

229 19.2 15.6 23.4



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: 3.309 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

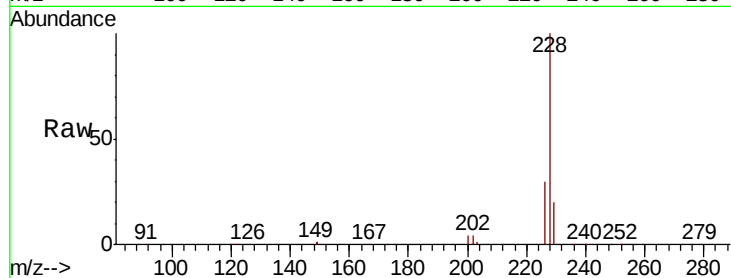
Tot Ion:228 Resp: 365660

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

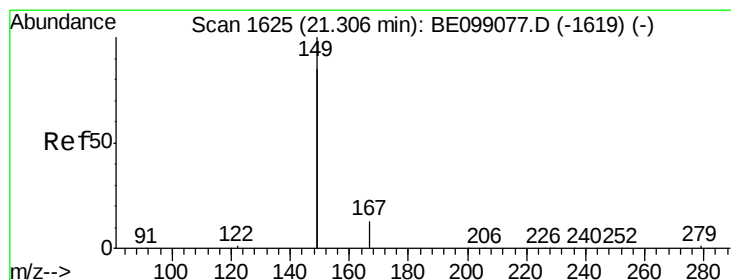
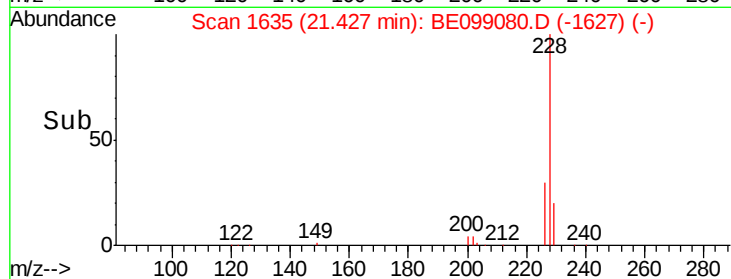
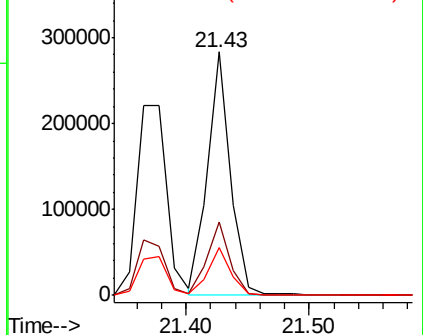
229 19.6 15.5 23.3



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: 2.330 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

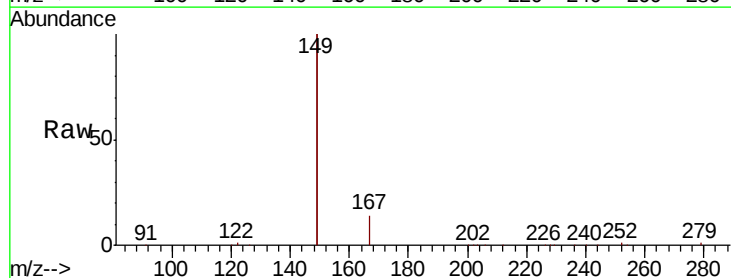
Tgt Ion:149 Resp: 512023

Ion Ratio Lower Upper

149 100

167 7.2 5.7 8.5

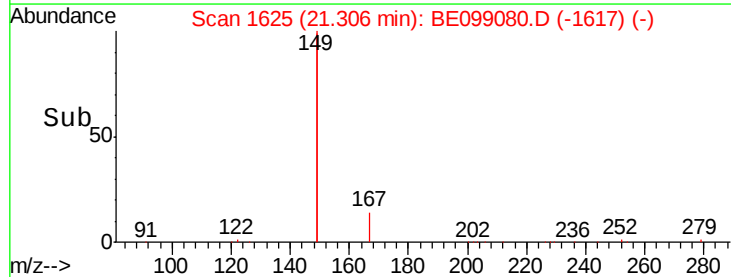
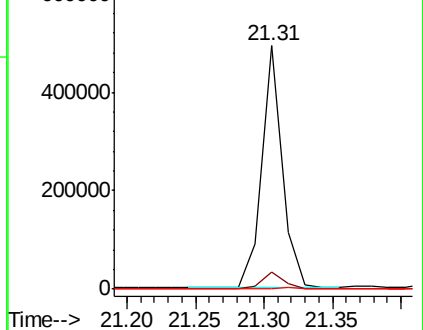
279 0.9 0.8 1.2

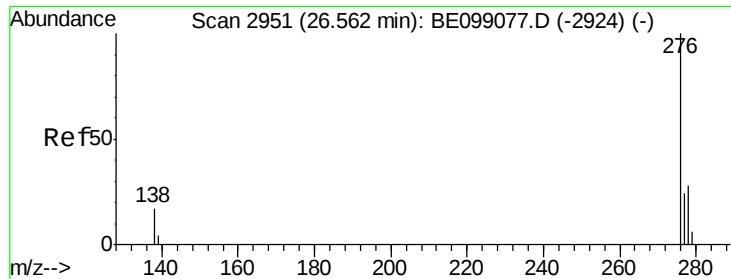


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

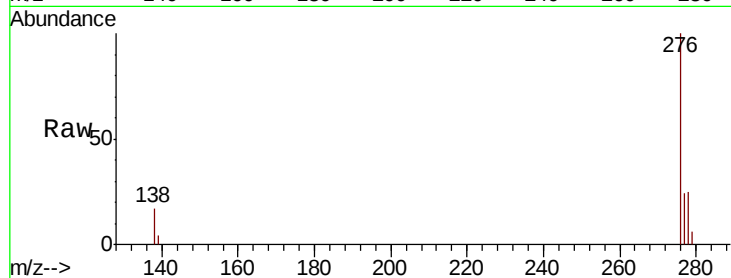




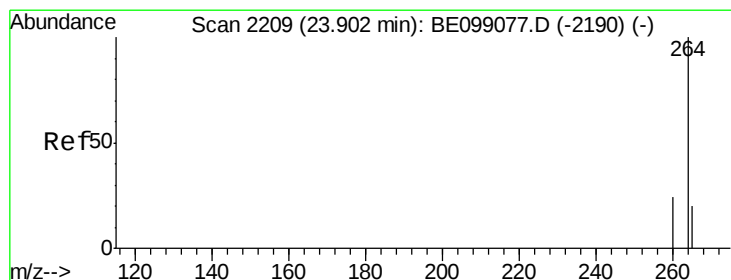
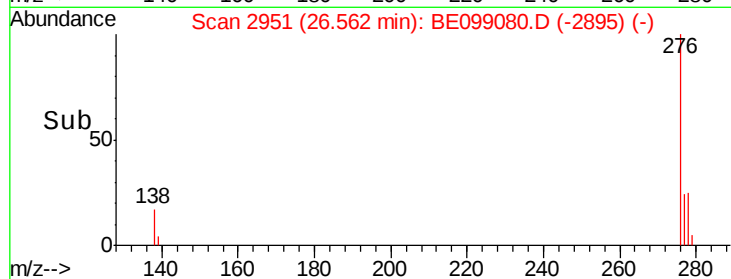
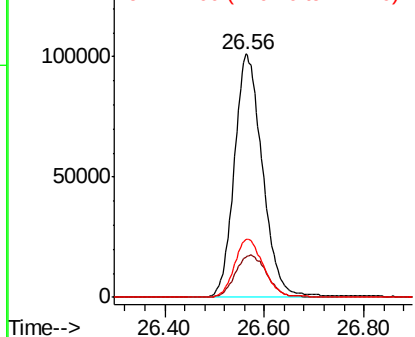
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.399 ng
RT: 26.56 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.8	23.8
277	24.7	19.4	29.2

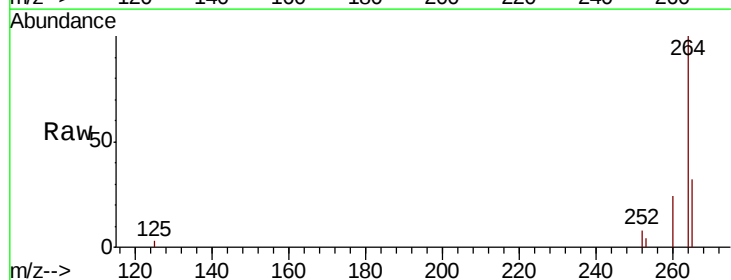


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

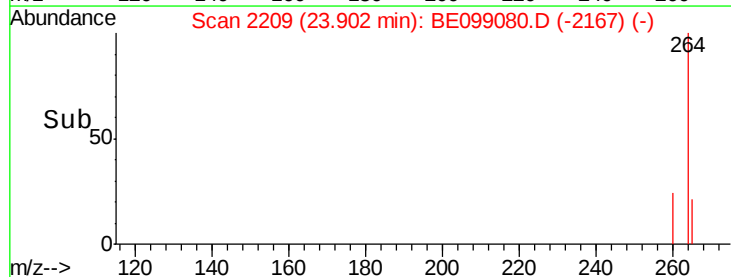
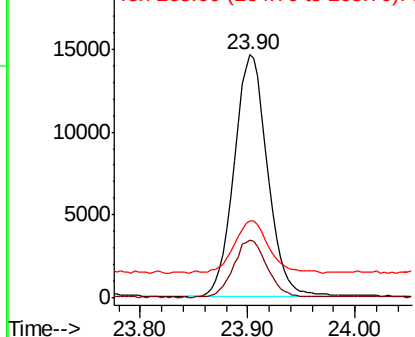


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	31.7	24.1	36.1



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: 3.353 ng

RT: 23.13 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :

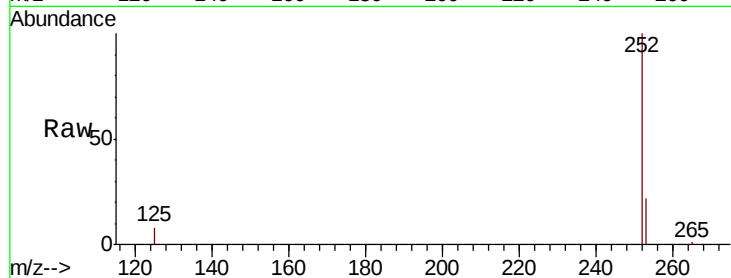
Tot Ion:252 Resp: 346474

Ion Ratio Lower Upper

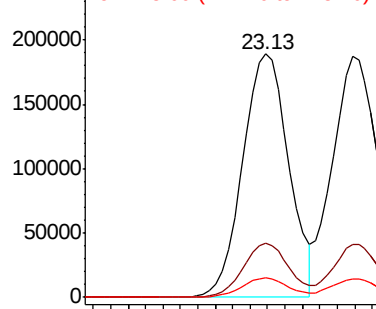
252 100

253 22.2 18.4 27.6

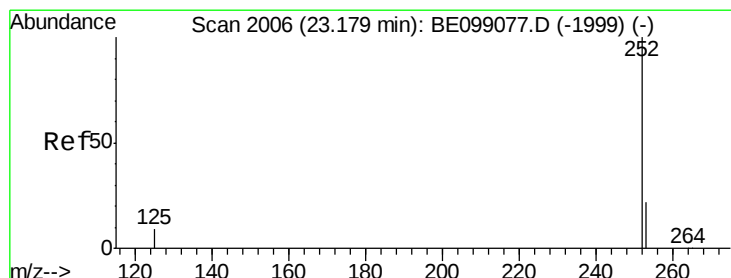
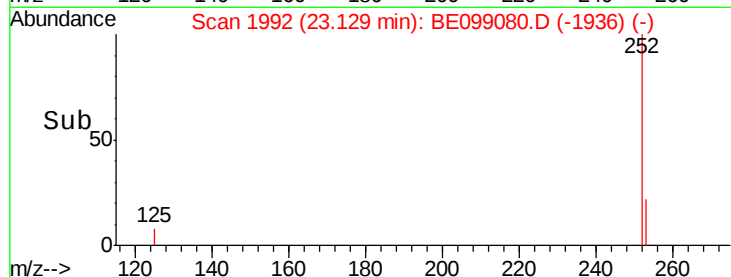
125 7.9 7.0 10.4



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



Time-->



#36

Benzo(k)fluoranthene

Concen: 3.240 ng

RT: 23.18 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

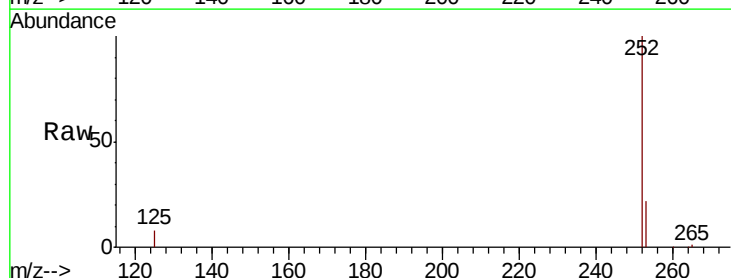
Tgt Ion:252 Resp: 350474

Ion Ratio Lower Upper

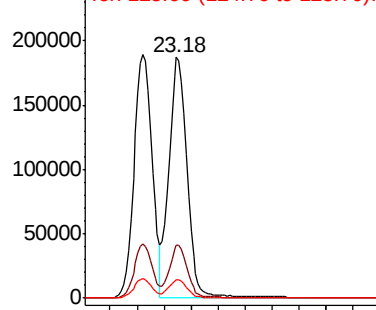
252 100

253 21.8 18.6 28.0

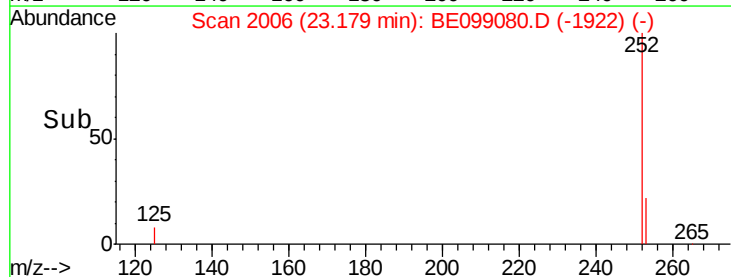
125 7.8 7.8 11.6

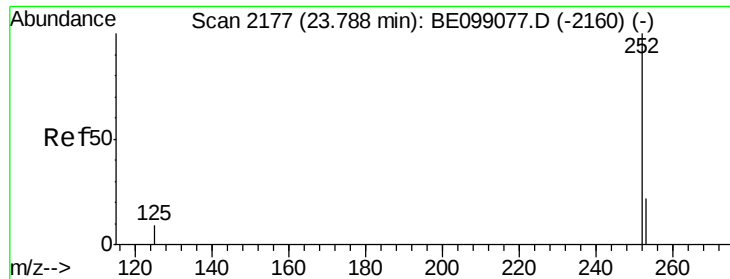


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->

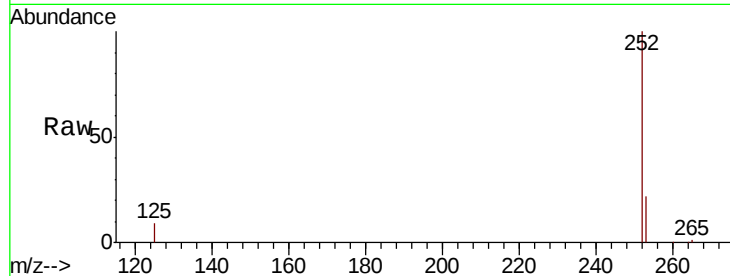




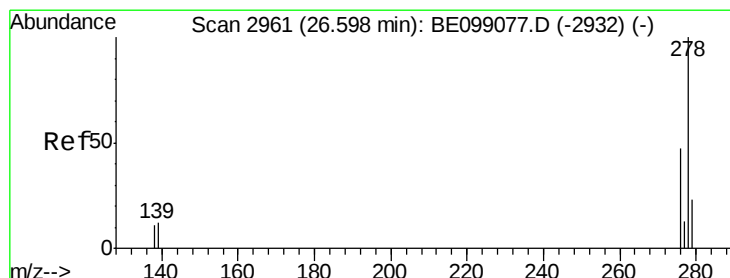
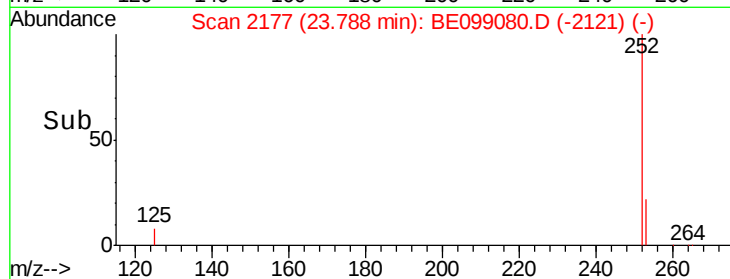
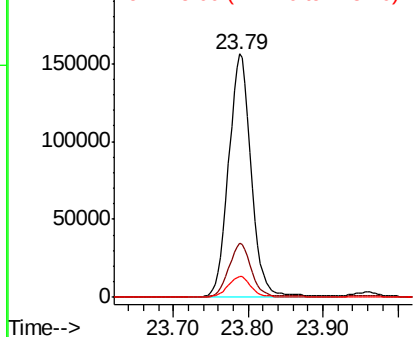
#37
Benzo(a)pyrene
Concen: 3.304 ng
RT: 23.79 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 327287
Ion Ratio Lower Upper
252 100
253 22.1 19.3 28.9
125 8.5 8.3 12.5

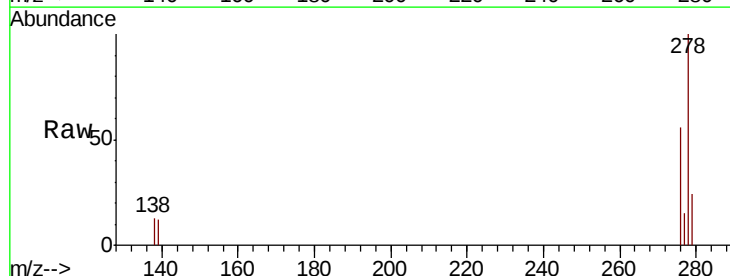


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

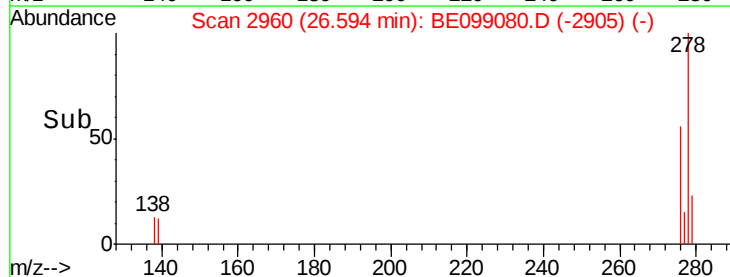
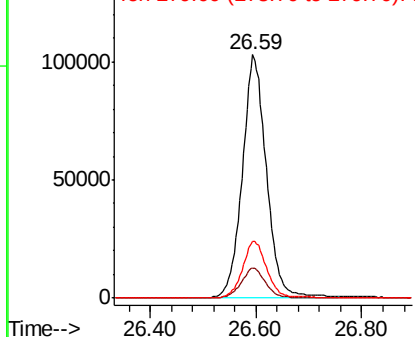


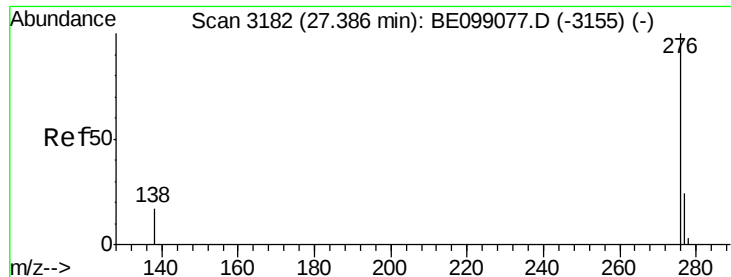
#38
Dibenzo(a,h)anthracene
Concen: 3.474 ng
RT: 26.59 min Scan# 2960
Delta R.T. -0.00 min
Lab File: BE099080.D
Acq: 22 Mar 2019 13:55

Tgt Ion:278 Resp: 325622
Ion Ratio Lower Upper
278 100
139 12.2 10.6 16.0
279 23.6 19.4 29.2



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(a,h,i)perylene

Concen: 3.327 ng

RT: 27.38 min Scan# 3180

Delta R.T. -0.01 min

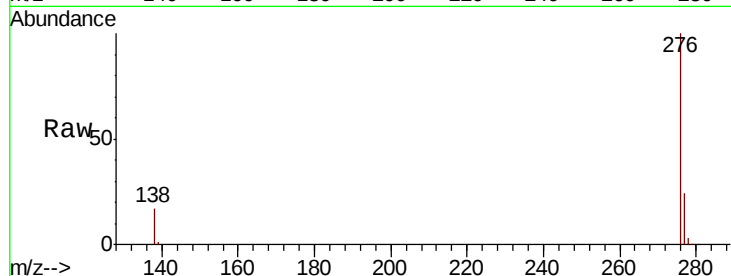
Lab File: BE099080.D

Acq: 22 Mar 2019 13:55

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 326143

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.2

138 16.6 14.6 21.8

