

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
 Data File : BE099408.D
 Acq On : 29 Apr 2019 14:55
 Operator : JU/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 29 16:51:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 16:46:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1992	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	7254	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5570	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	17028	0.40	ng	0.00
27) Chrysene-d12	21.37	240	27294	0.40	ng	0.00
34) Perylene-d12	23.87	264	30308	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1113	0.23	ng	0.00
5) Phenol-d6	6.96	99	1415	0.20	ng	-0.01
8) Nitrobenzene-d5	8.96	82	1281	0.23	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	2551	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	618	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4185	0.19	ng	0.00
25) Fluoranthene-d10	19.22	212	44700	0.22	ng	0.00
29) Terphenyl-d14	19.82	244	9406	0.18	ng	0.00

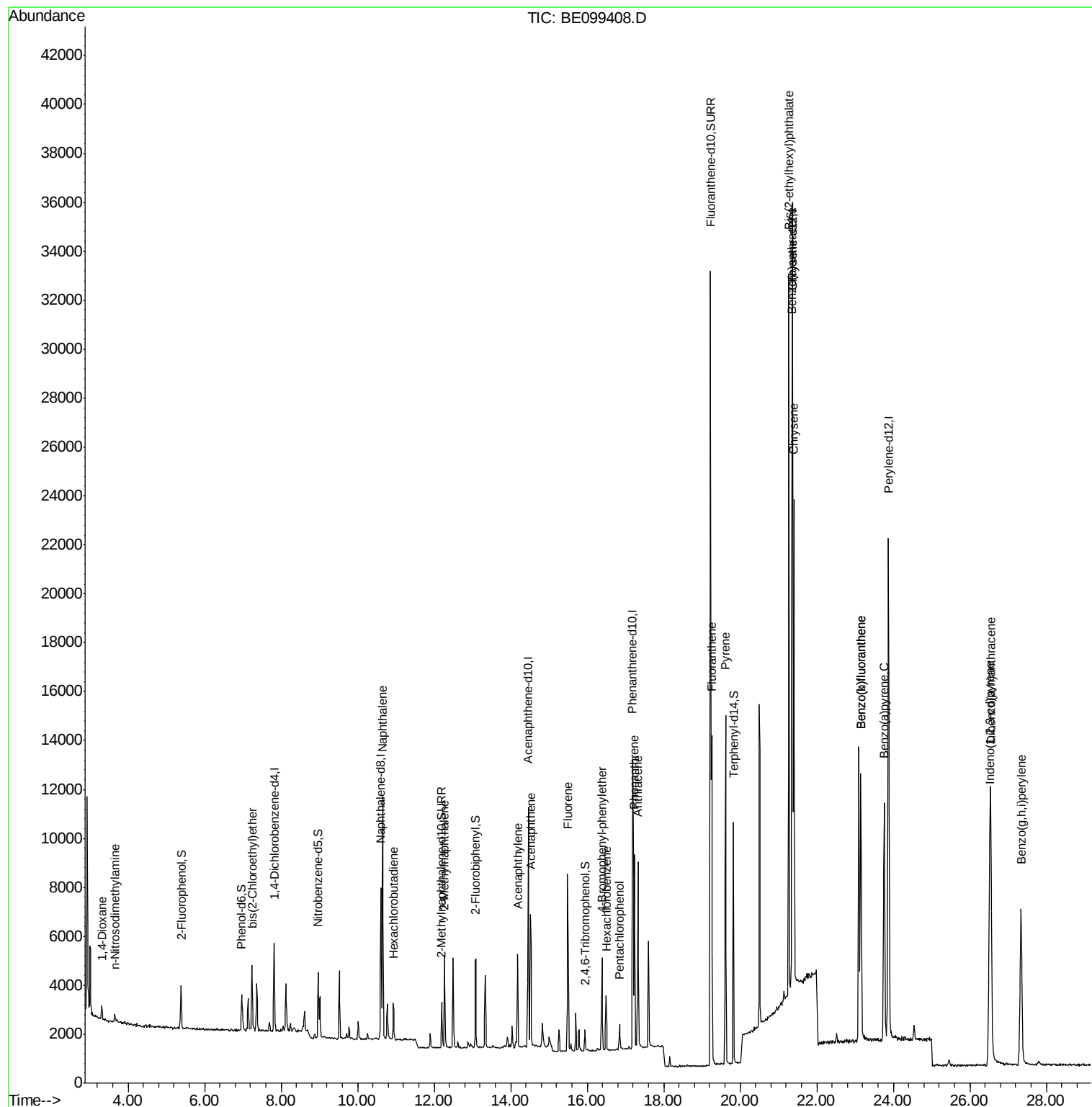
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	652	0.234	ng	# 86
3) n-Nitrosodimethylamine	3.65	42	263	0.175	ng	# 93
6) bis(2-Chloroethyl)ether	7.24	93	1254	0.194	ng	94
9) Naphthalene	10.65	128	15349	0.194	ng	99
10) Hexachlorobutadiene	10.92	225	1105	0.220	ng	98
12) 2-Methylnaphthalene	12.27	142	2705	0.201	ng	93
16) Acenaphthylene	14.18	152	4991	0.198	ng	98
17) Acenaphthene	14.51	154	2964	0.191	ng	99
18) Fluorene	15.49	166	4347	0.195	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	1904	0.202	ng	98
21) Hexachlorobenzene	16.49	284	1763	0.194	ng	100
22) Pentachlorophenol	16.84	266	602	0.246	ng	97
23) Phenanthrene	17.23	178	8431	0.187	ng	99
24) Anthracene	17.32	178	7811	0.195	ng	99
26) Fluoranthene	19.25	202	12690	0.210	ng	98
28) Pyrene	19.62	202	13391	0.167	ng	100
30) Benzo(a)anthracene	21.35	228	16519	0.206	ng	99
31) Chrysene	21.40	228	16550	0.194	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	30728	0.421	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.52	276	19877	0.236	ng	# 93
35) Benzo(b)fluoranthene	23.15	252	16266	0.175	ng	96
36) Benzo(k)fluoranthene	23.15	252	16266	0.176	ng	# 96
37) Benzo(a)pyrene	23.76	252	15920	0.192	ng	# 94
38) Dibenzo(a,h)anthracene	26.55	278	15973	0.188	ng	97
39) Benzo(g,h,i)perylene	27.34	276	16185	0.188	ng	98

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

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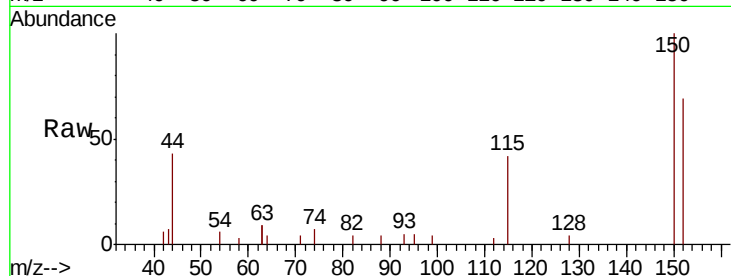


#1

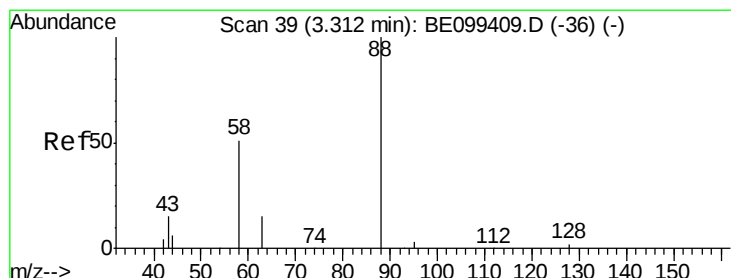
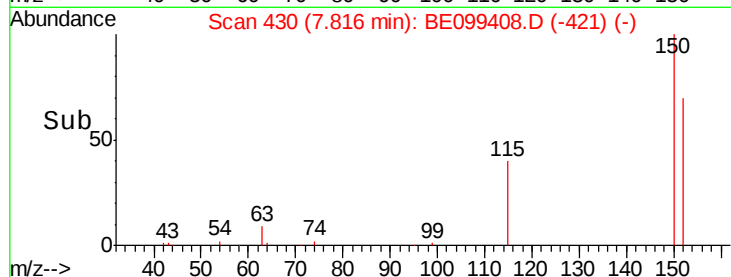
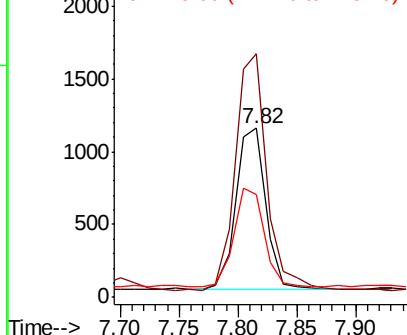
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099408.D
Acq: 29 Apr 2019 14:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1992
Ion Ratio Lower Upper
152 100
150 144.3 104.8 157.2
115 60.9 46.6 69.8



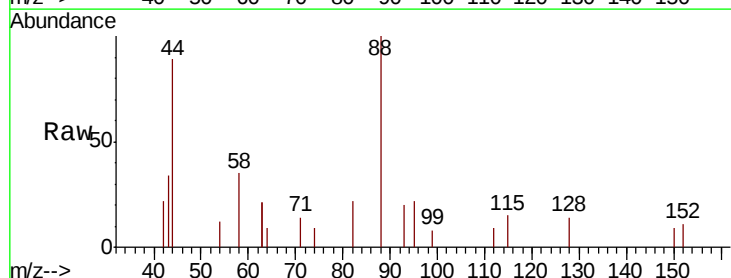
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



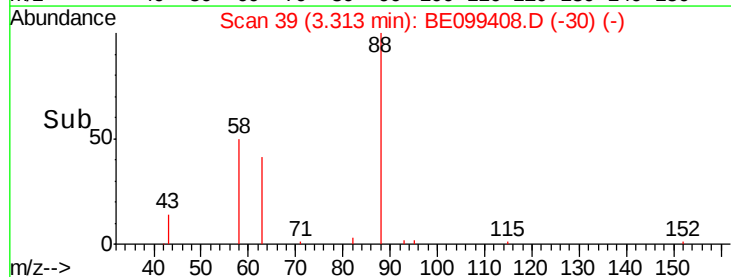
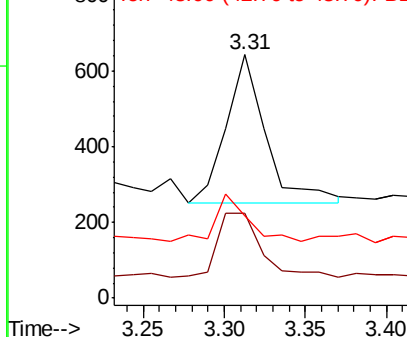
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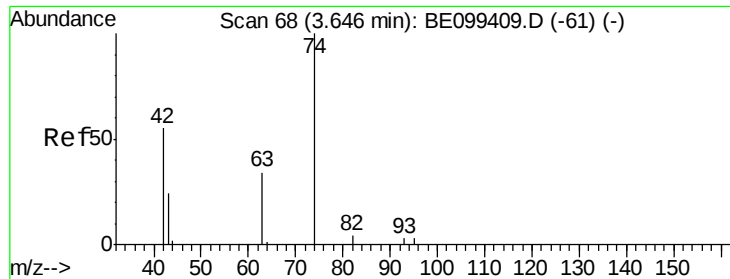
1,4-Dioxane
Concen: 0.234 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099408.D
Acq: 29 Apr 2019 14:55

Tgt Ion: 88 Resp: 652
Ion Ratio Lower Upper
88 100
58 48.9 51.0 76.6#
43 25.9 20.6 30.8



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



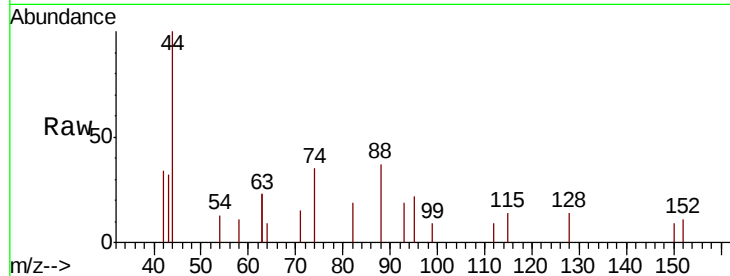


#3

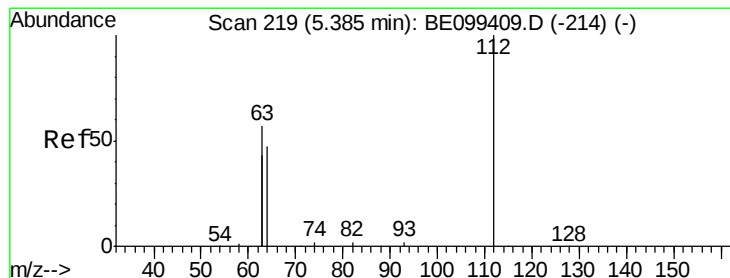
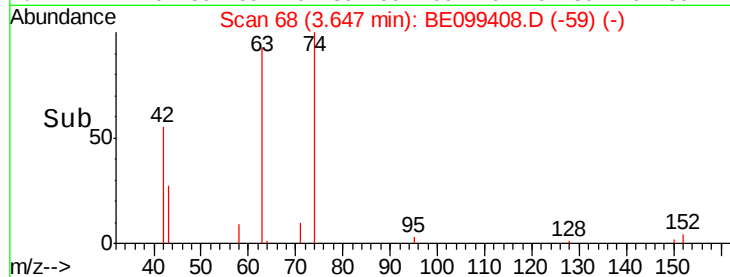
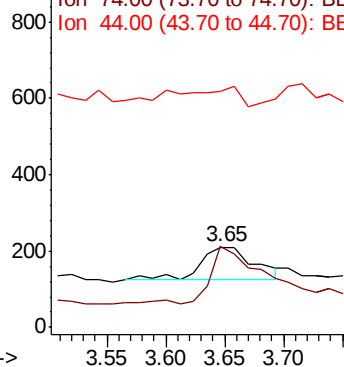
n-Nitrosodimethylamine
 Concen: 0.175 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BE099408.D
 Acq: 29 Apr 2019 14:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 263
 Ion Ratio Lower Upper
 42 100
 74 167.7 141.6 212.4
 44 0.0 0.0 0.0



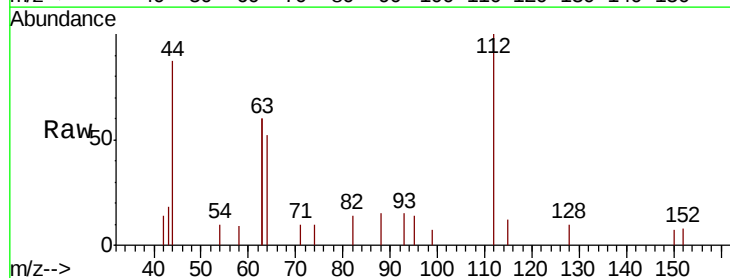
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



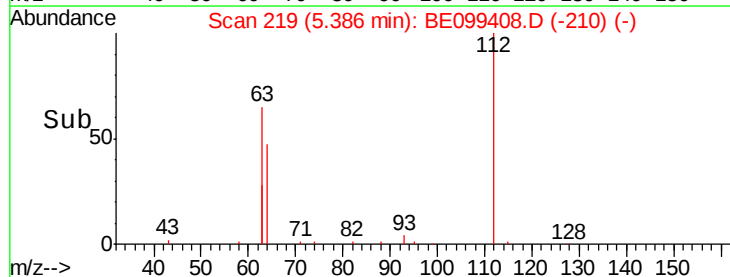
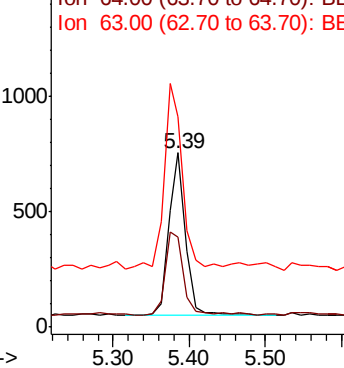
#4

2-Fluorophenol
 Concen: 0.229 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099408.D
 Acq: 29 Apr 2019 14:55

Tgt Ion: 112 Resp: 1113
 Ion Ratio Lower Upper
 112 100
 64 54.0 47.4 71.0
 63 117.3 104.3 156.5



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: 0.204 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

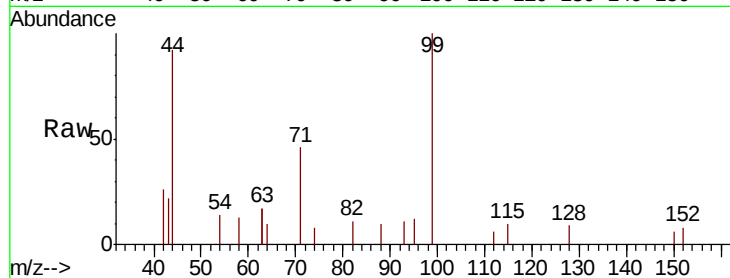
Tot Ion: 99 Resp: 1415

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

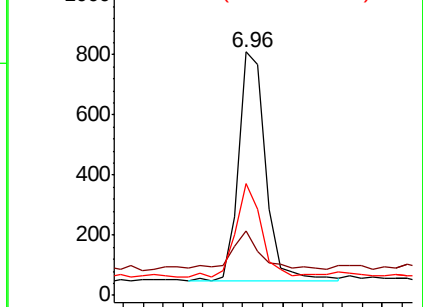
71 38.7 33.0 49.6



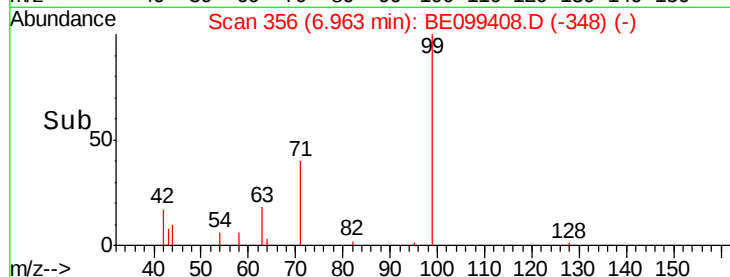
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.194 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

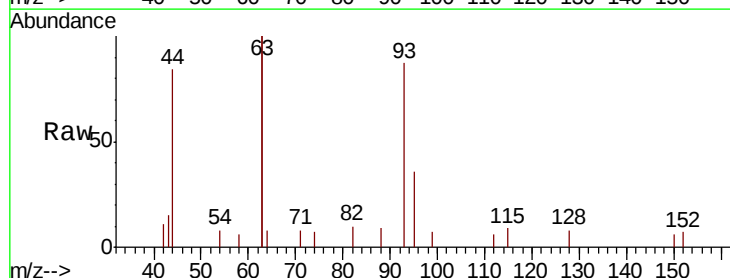
Tgt Ion: 93 Resp: 1254

Ion Ratio Lower Upper

93 100

63 258.5 215.6 323.4

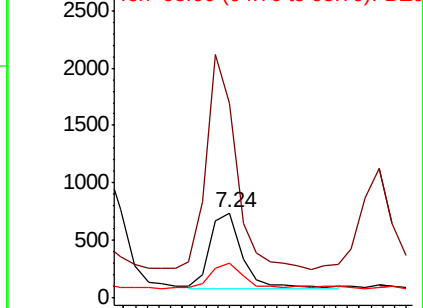
95 35.1 26.2 39.2



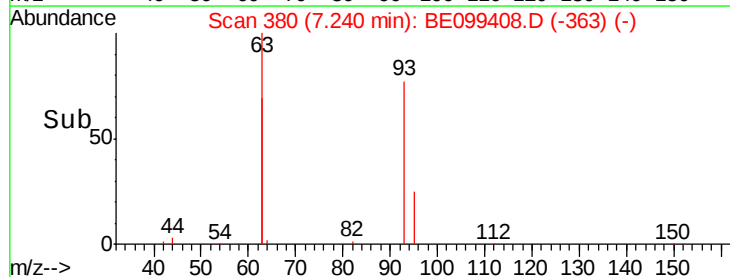
Abundance Ion 93.00 (92.70 to 93.70): BE0

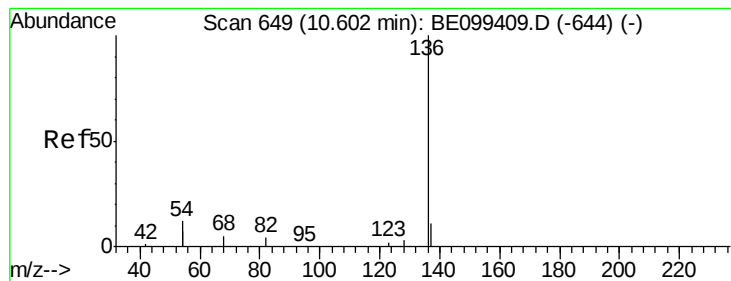
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7254

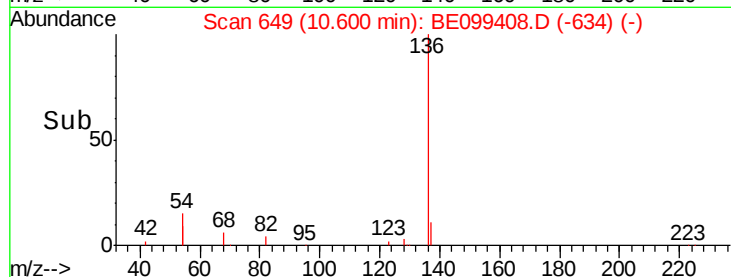
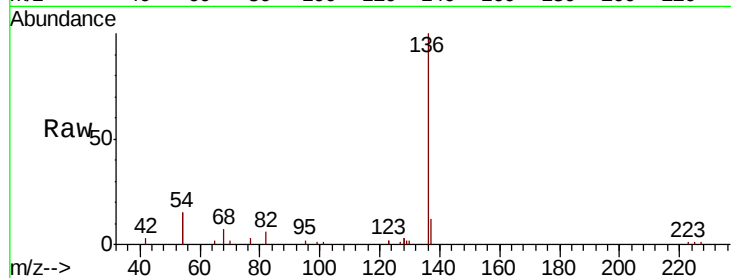
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 30.6 18.5 27.7#

68 7.3 4.7 7.1#

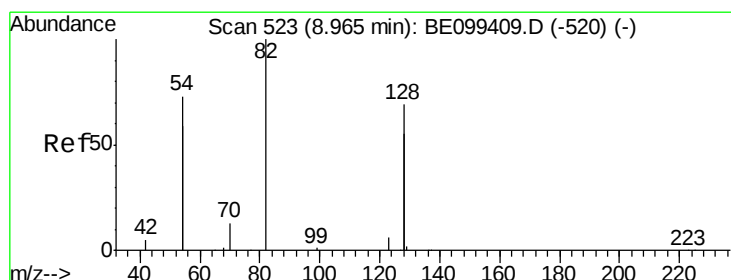
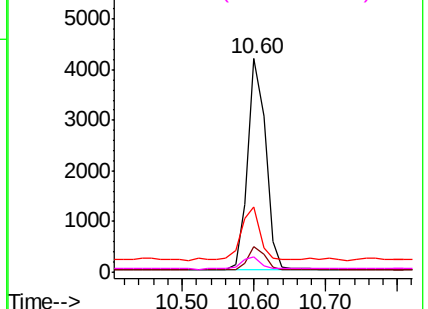


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.227 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

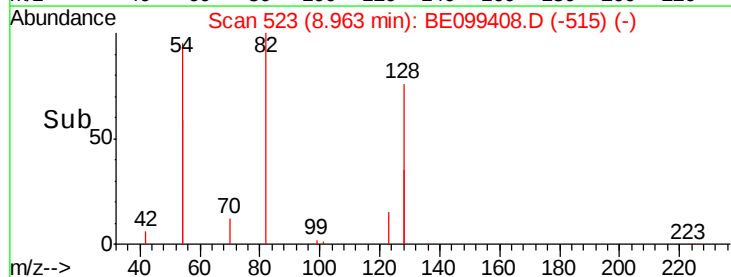
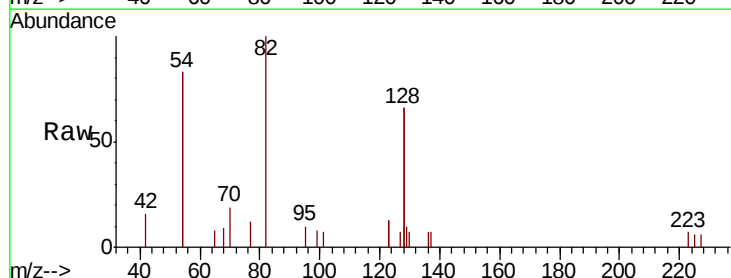
Tgt Ion: 82 Resp: 1281

Ion Ratio Lower Upper

82 100

128 132.3 107.0 160.4

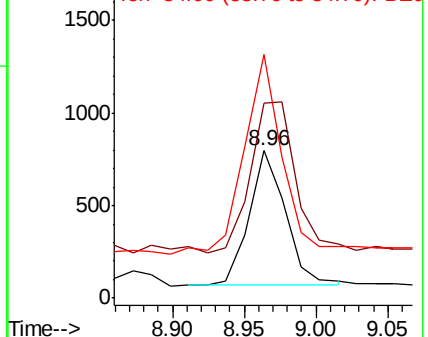
54 165.5 113.1 169.7

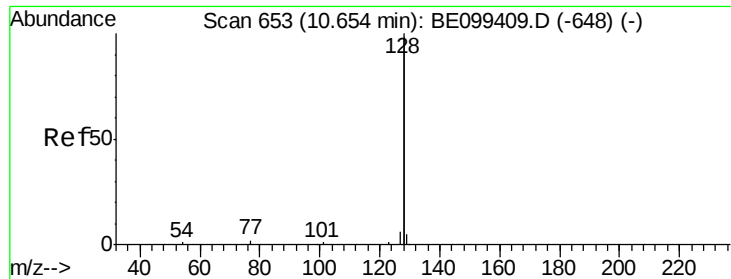


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.194 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

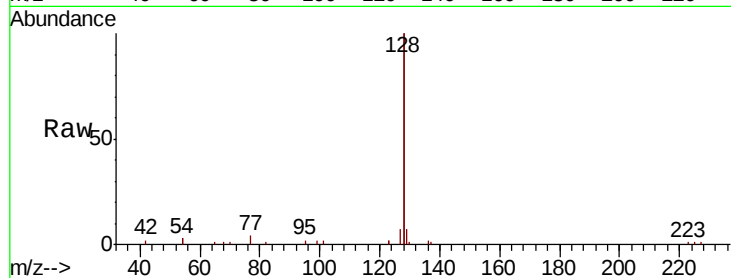
Tot Ion:128 Resp: 15349

Ion Ratio Lower Upper

128 100

129 3.4 2.4 3.6

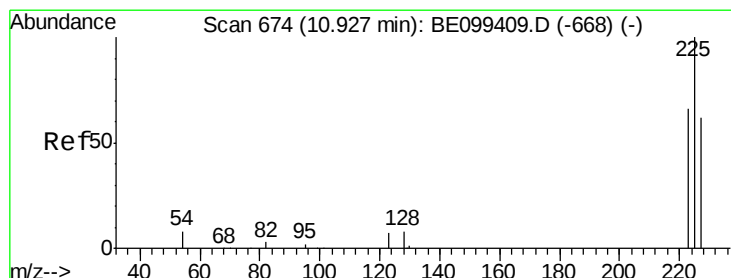
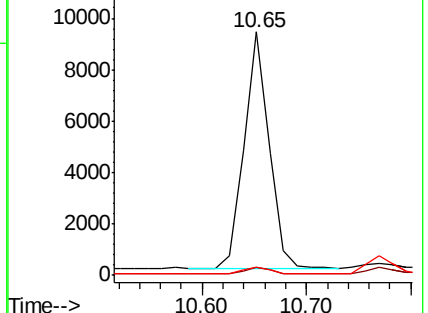
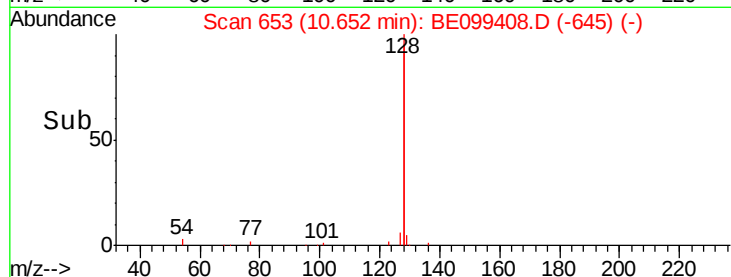
127 3.5 2.8 4.2



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: 0.220 ng

RT: 10.92 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

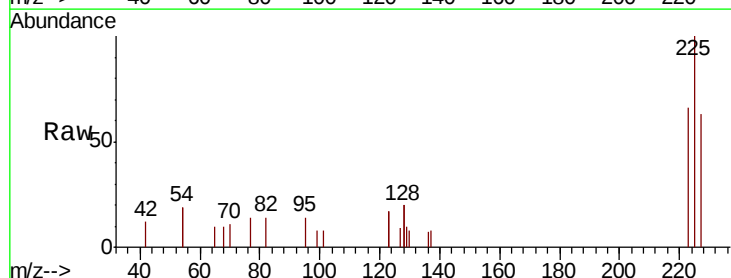
Tgt Ion:225 Resp: 1105

Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

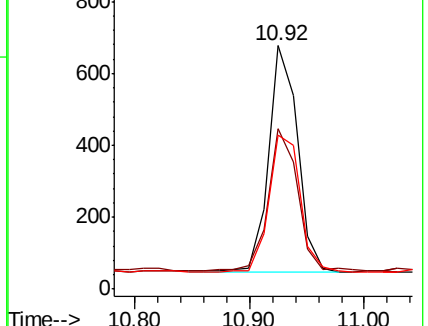
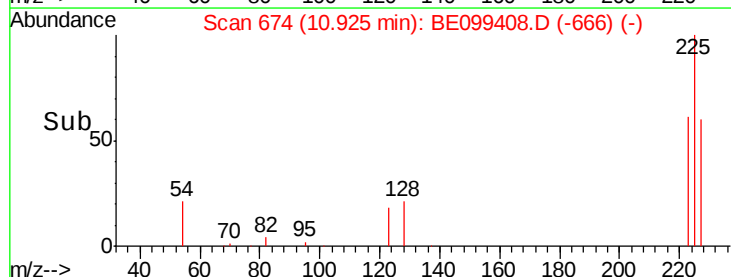
227 65.8 50.9 76.3

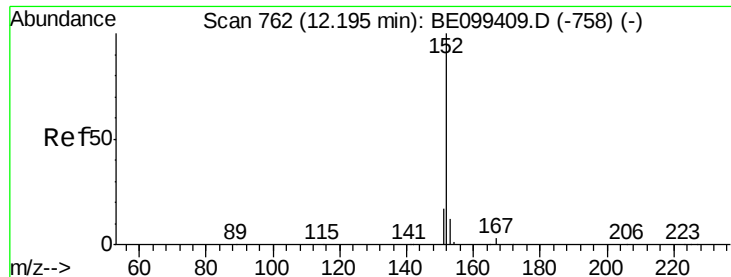


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

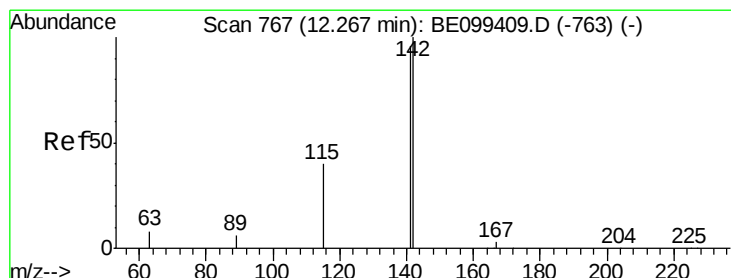
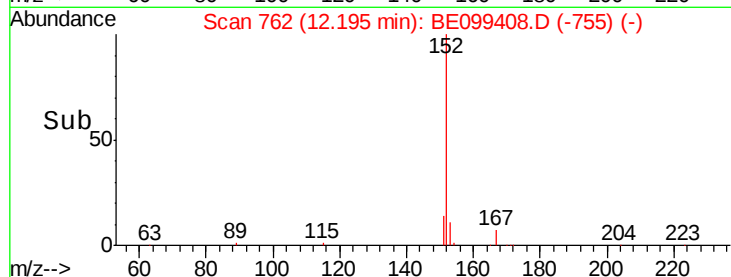
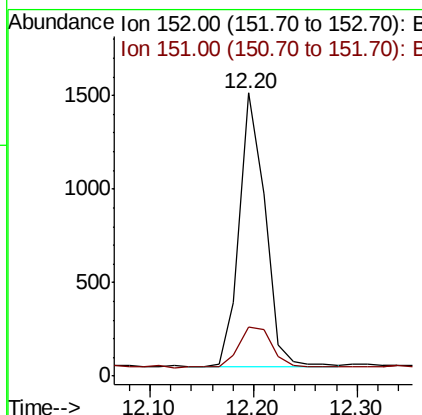
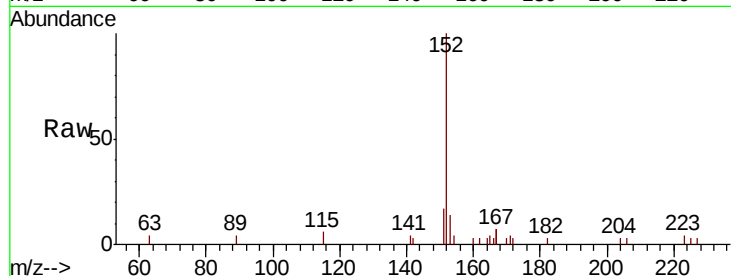




#11
2-Methylnaphthalene-d10
Concen: 0.199 ng
RT: 12.20 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE099408.D
Acq: 29 Apr 2019 14:55

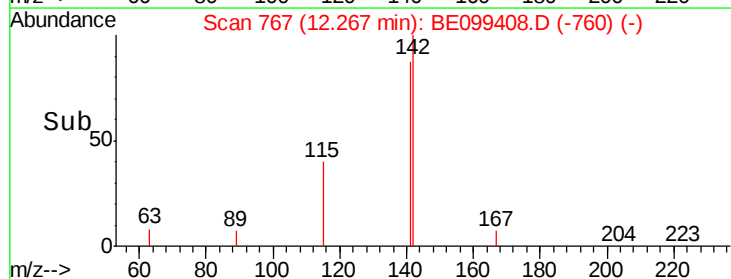
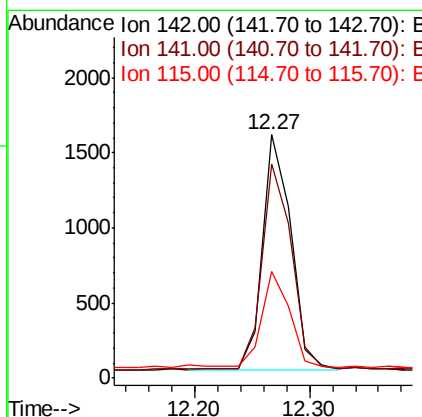
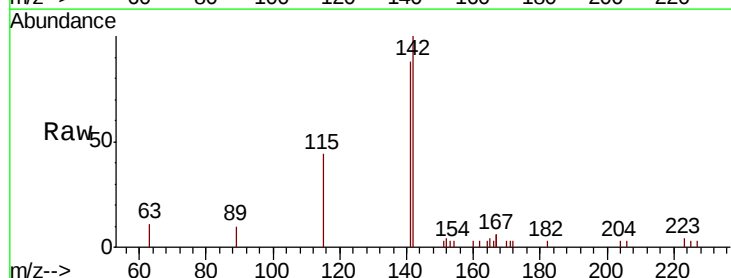
Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2551
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3



#12
2-Methylnaphthalene
Concen: 0.201 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099408.D
Acq: 29 Apr 2019 14:55

Tgt Ion:142 Resp: 2705
Ion Ratio Lower Upper
142 100
141 87.8 77.0 115.4
115 43.6 33.4 50.0

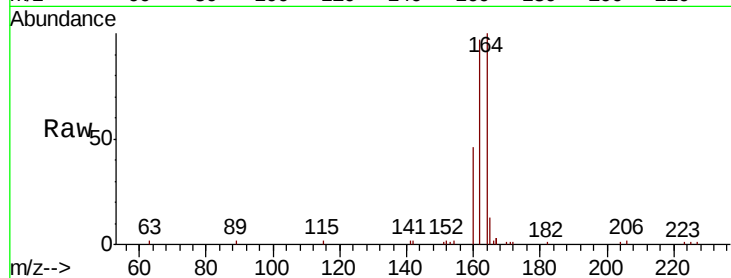




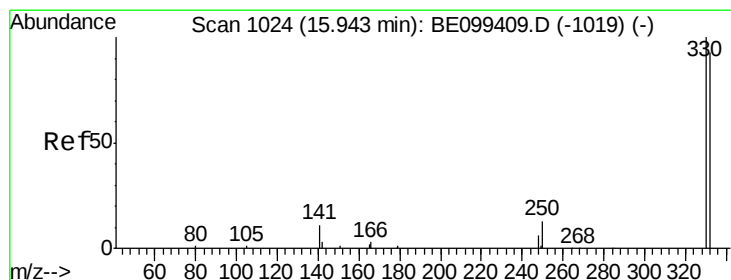
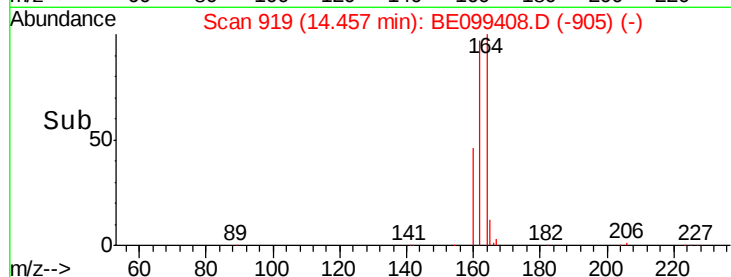
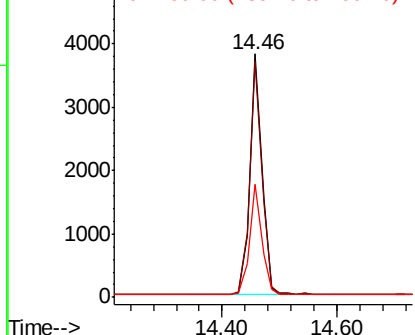
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099408.D
 Acq: 29 Apr 2019 14:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 5570
 Ion Ratio Lower Upper
 164 100
 162 96.9 79.0 118.4
 160 46.2 37.0 55.4

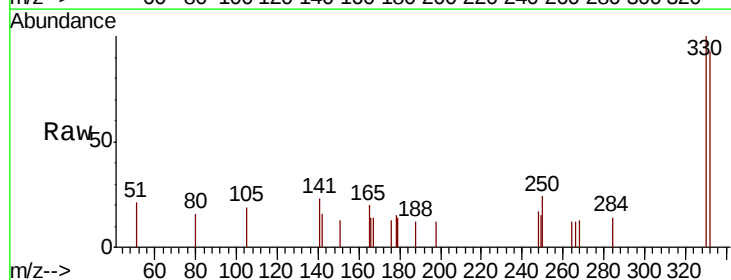


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

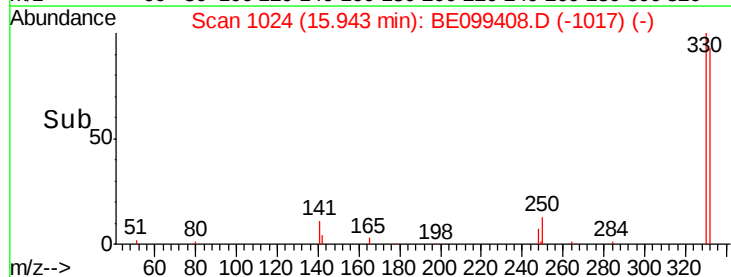
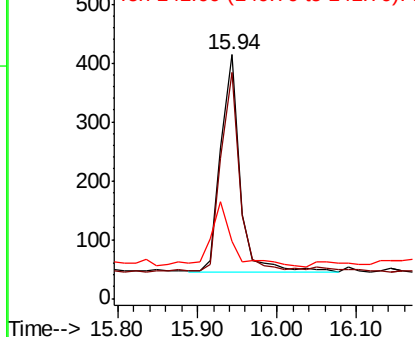


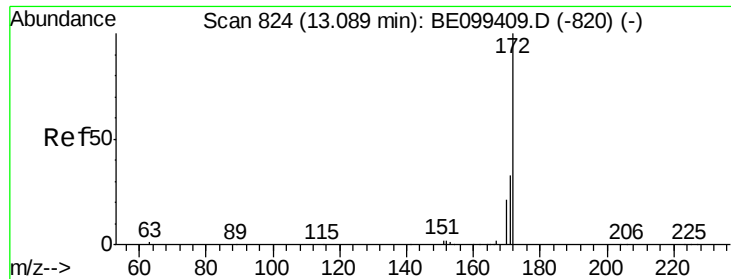
#14
 2,4,6-Tribromophenol
 Concen: 0.334 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099408.D
 Acq: 29 Apr 2019 14:55

Tgt Ion:330 Resp: 618
 Ion Ratio Lower Upper
 330 100
 332 88.0 71.5 107.3
 141 32.5 24.0 36.0



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

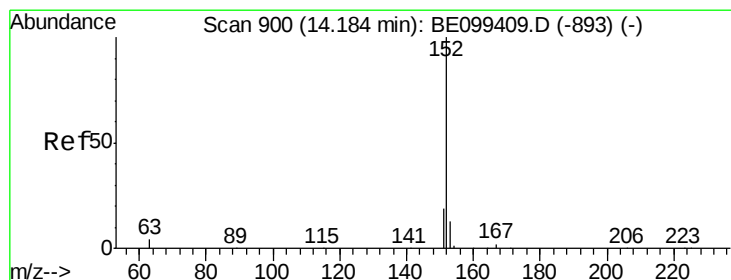
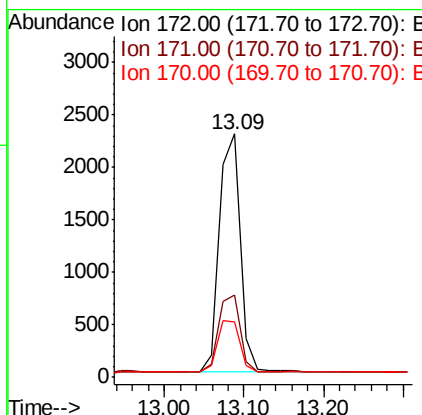
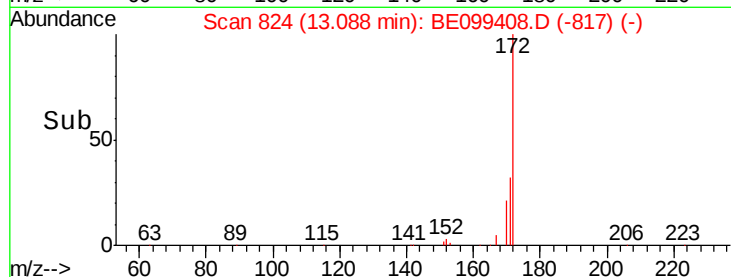
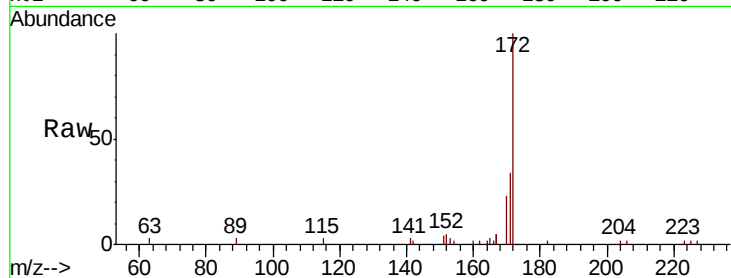




#15
2-Fluorobiphenyl
Concen: 0.191 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE099408.D
Acq: 29 Apr 2019 14:55

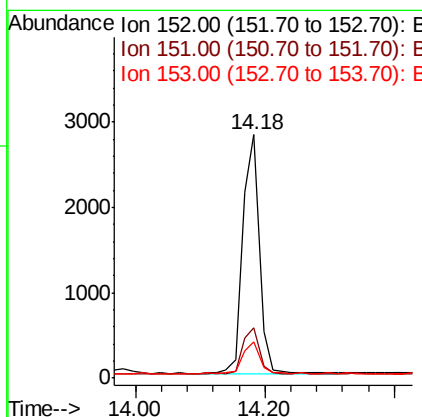
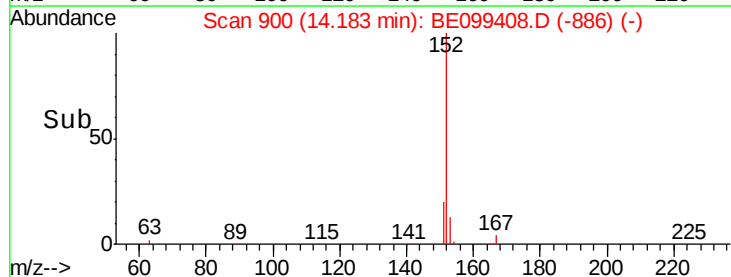
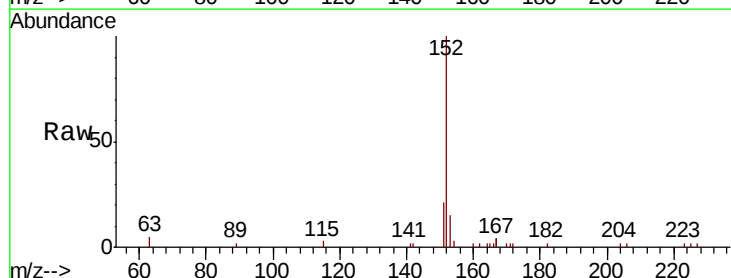
Instrument :
BNA_E
ClientSampleId :

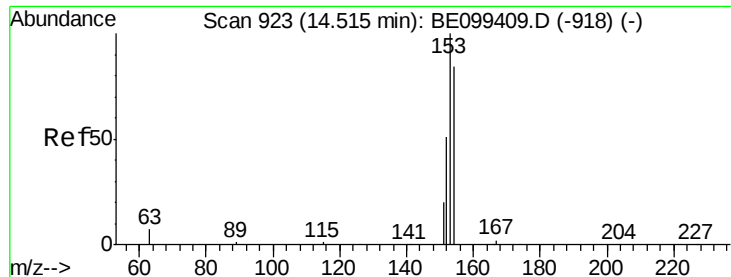
Tot Ion:172 Resp: 4185
Ion Ratio Lower Upper
172 100
171 33.8 26.6 39.8
170 22.7 17.0 25.6



#16
Acenaphthylene
Concen: 0.198 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099408.D
Acq: 29 Apr 2019 14:55

Tgt Ion:152 Resp: 4991
Ion Ratio Lower Upper
152 100
151 19.9 15.4 23.2
153 13.1 9.8 14.6

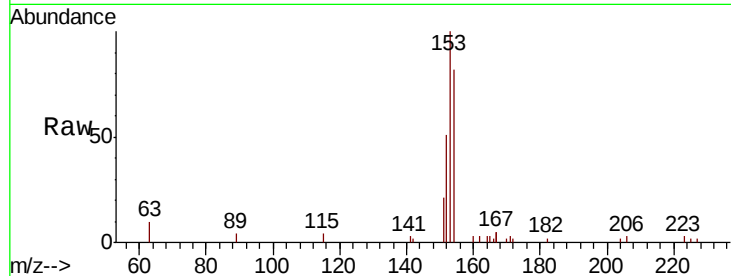




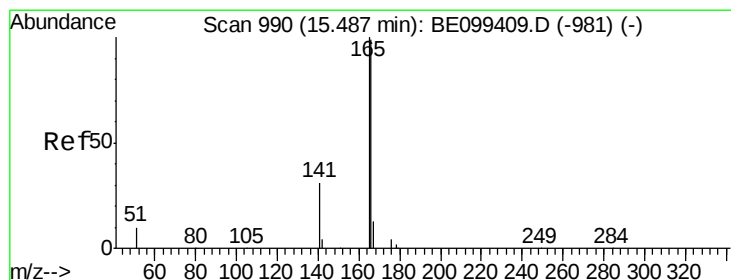
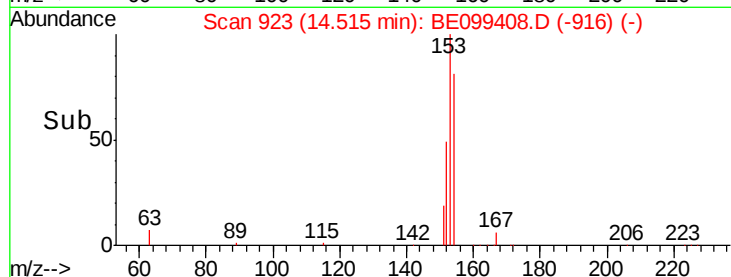
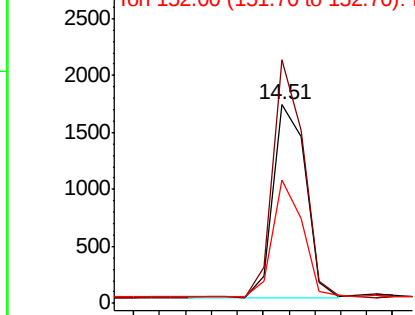
#17
Acenaphthene
Concen: 0.191 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE099408.D
Acq: 29 Apr 2019 14:55

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 2964
Ion Ratio Lower Upper
154 100
153 115.3 92.6 138.8
152 55.0 45.8 68.8

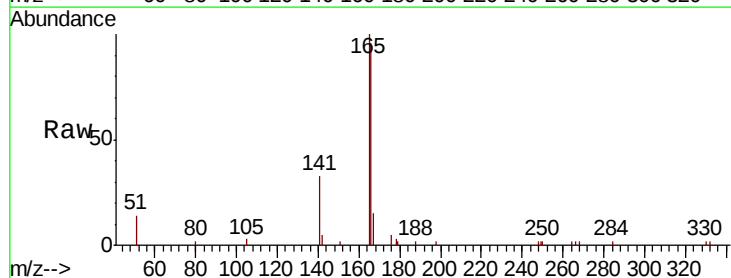


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

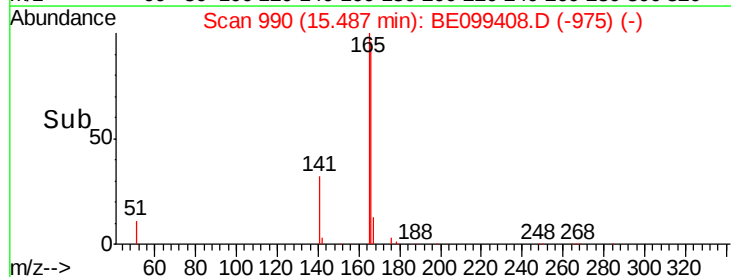
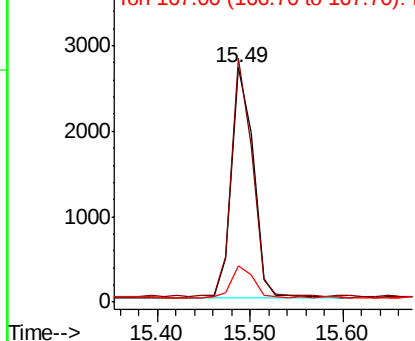


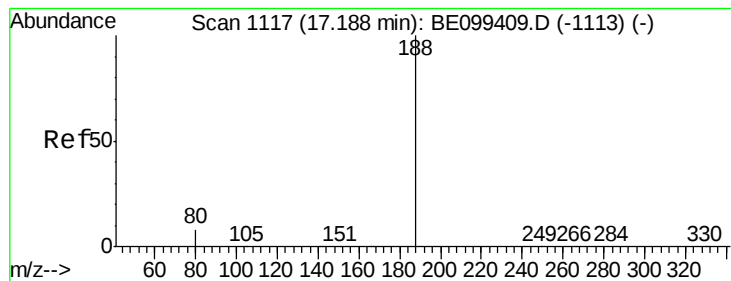
#18
Fluorene
Concen: 0.195 ng
RT: 15.49 min Scan# 990
Delta R.T. 0.00 min
Lab File: BE099408.D
Acq: 29 Apr 2019 14:55

Tgt Ion:166 Resp: 4347
Ion Ratio Lower Upper
166 100
165 98.5 80.3 120.5
167 14.3 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: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

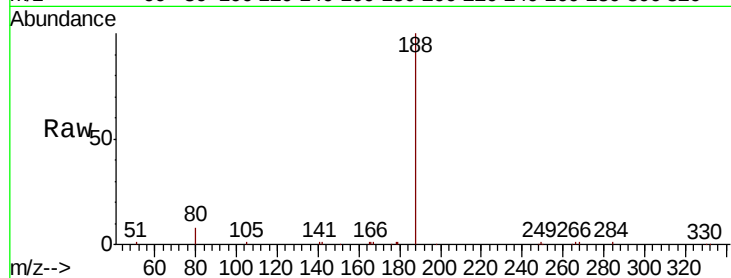
Tot Ion:188 Resp: 17028

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

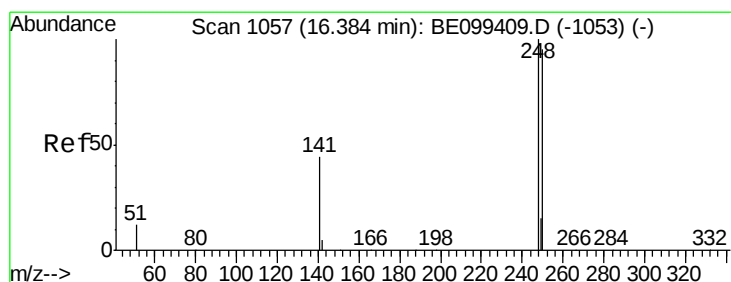
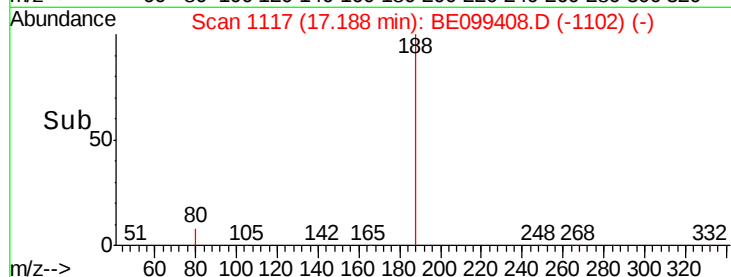
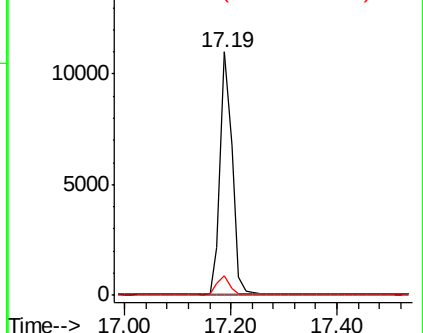
80 8.2 6.7 10.1



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: 0.202 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

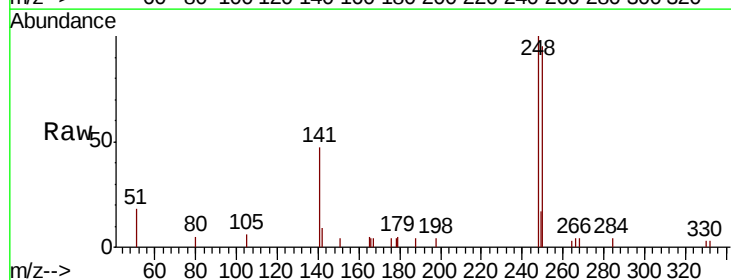
Tgt Ion:248 Resp: 1904

Ion Ratio Lower Upper

248 100

250 95.4 75.8 113.8

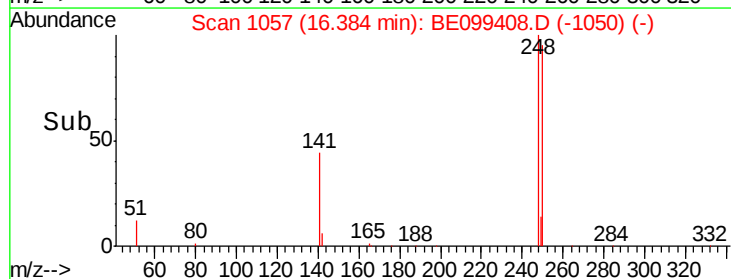
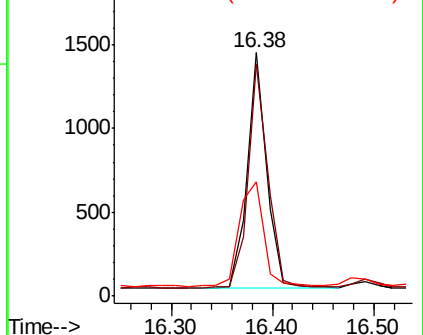
141 46.9 35.7 53.5

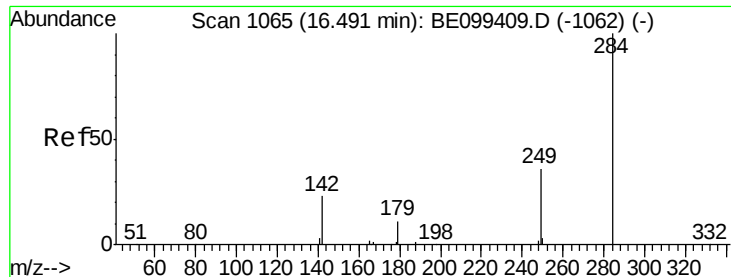


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.194 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

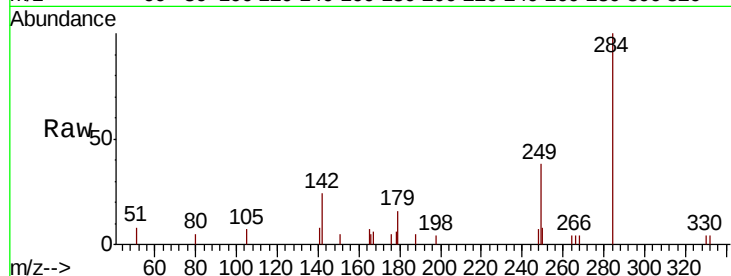
Tot Ion:284 Resp: 1763

Ion Ratio Lower Upper

284 100

142 26.7 21.0 31.6

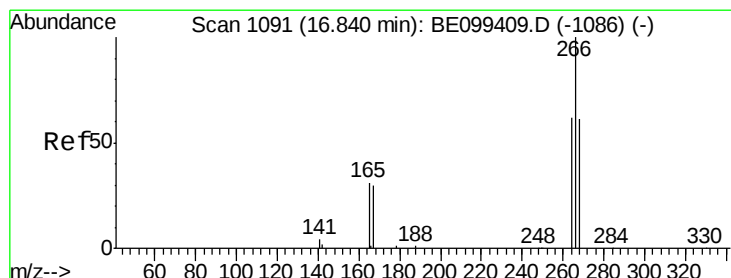
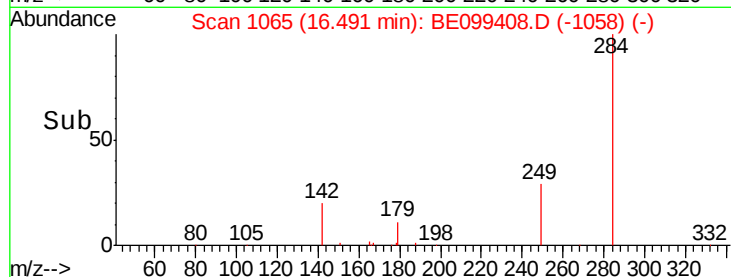
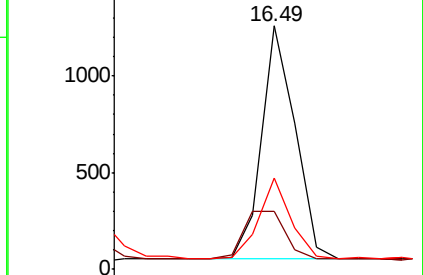
249 33.5 26.7 40.1



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: 0.246 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

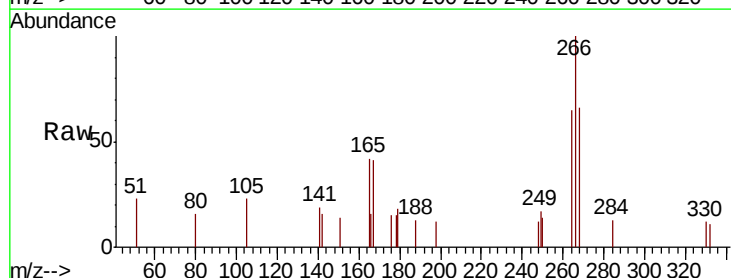
Tgt Ion:266 Resp: 602

Ion Ratio Lower Upper

266 100

264 64.6 50.8 76.2

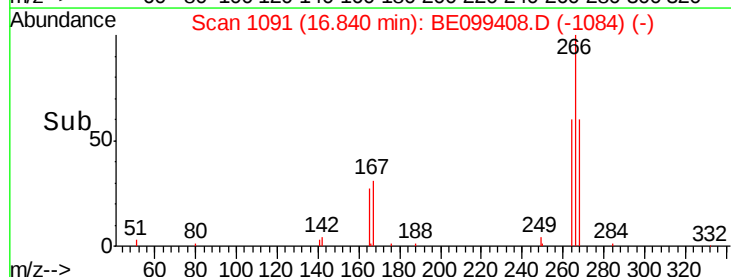
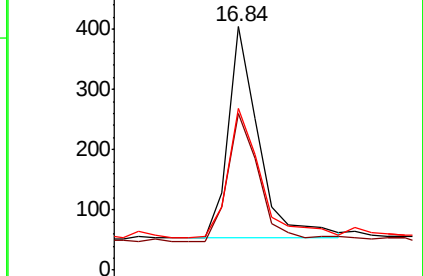
268 66.3 50.5 75.7

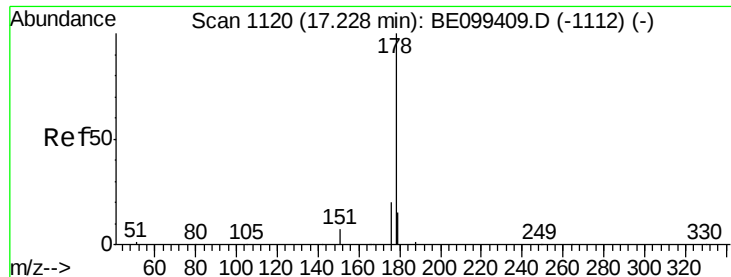


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.187 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

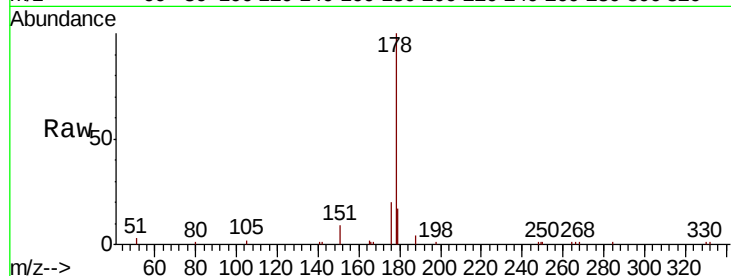
Tot Ion:178 Resp: 8431

Ion Ratio Lower Upper

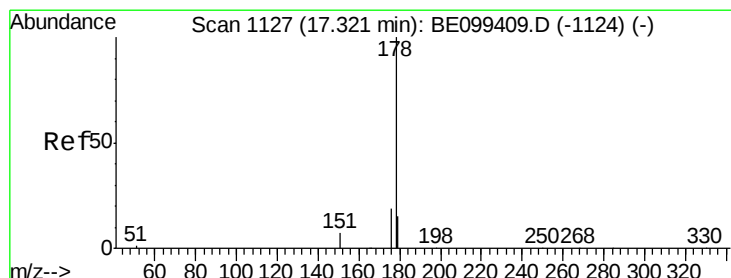
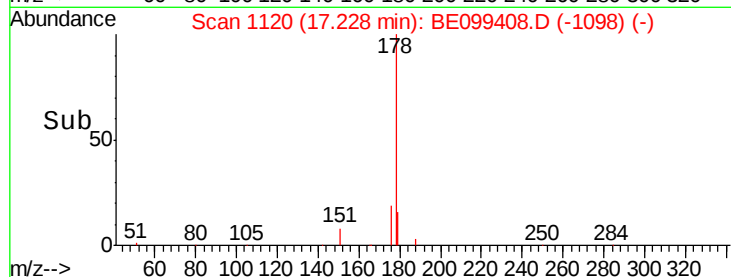
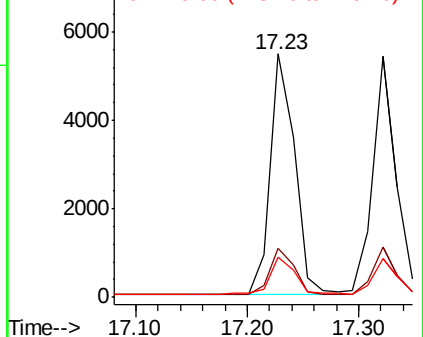
178 100

176 19.7 15.6 23.4

179 15.5 12.0 18.0



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: 0.195 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

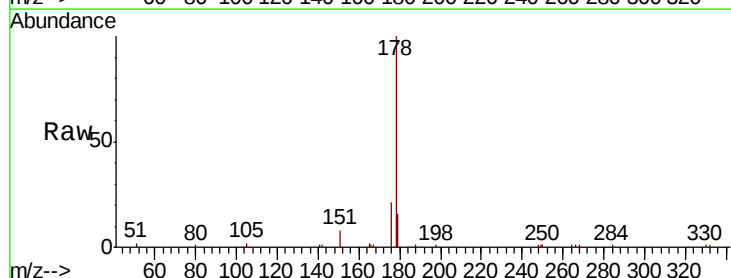
Tgt Ion:178 Resp: 7811

Ion Ratio Lower Upper

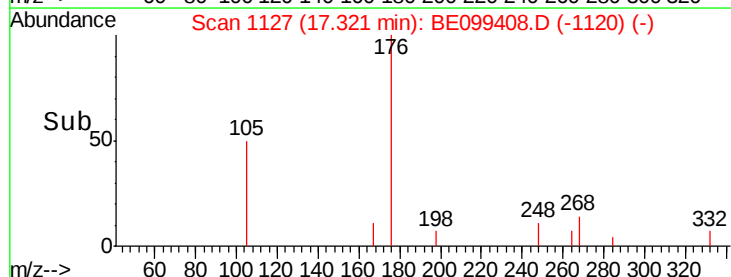
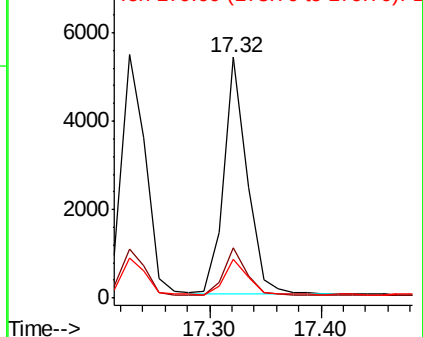
178 100

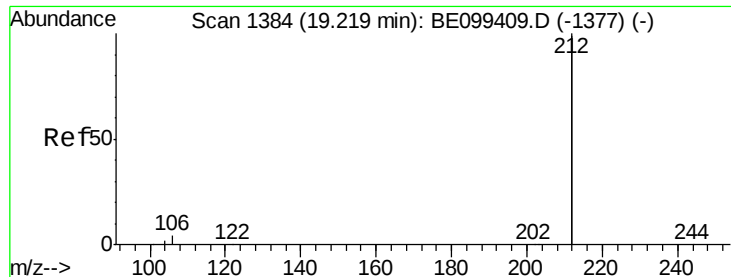
176 19.3 14.9 22.3

179 14.3 11.9 17.9



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: 0.218 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

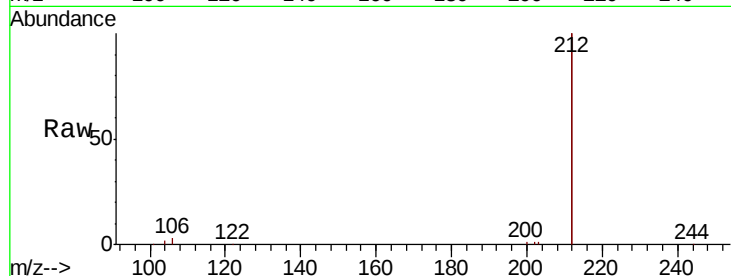
Tot Ion:212 Resp: 44700

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

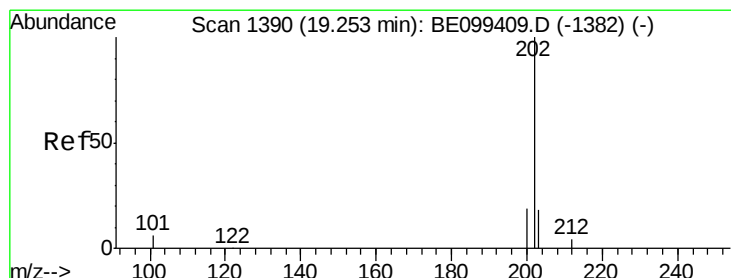
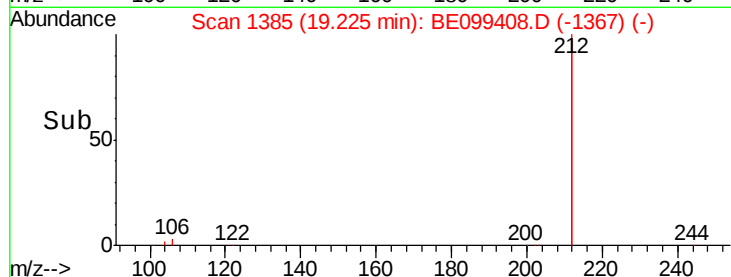
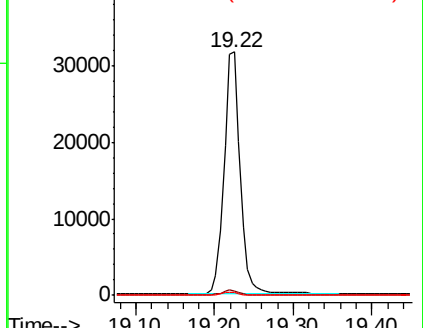
104 1.0 0.9 1.3



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: 0.210 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

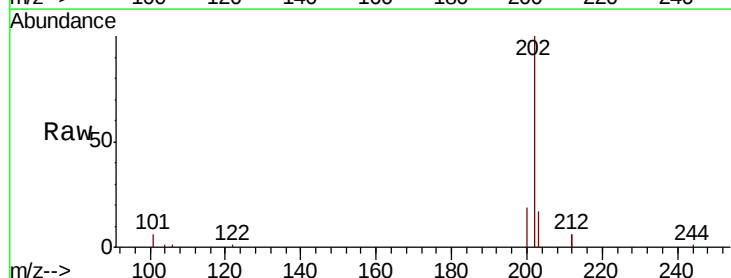
Tgt Ion:202 Resp: 12690

Ion Ratio Lower Upper

202 100

101 6.5 5.4 8.0

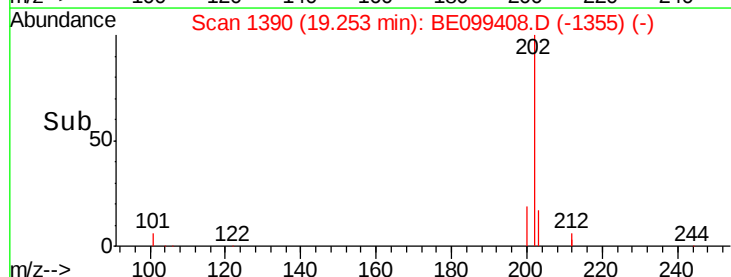
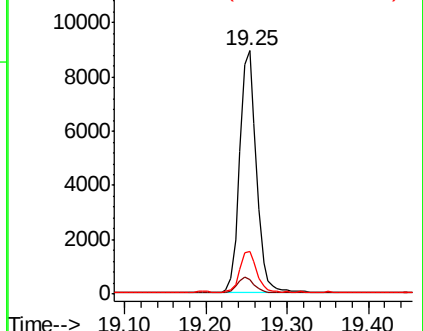
203 16.5 13.9 20.9



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

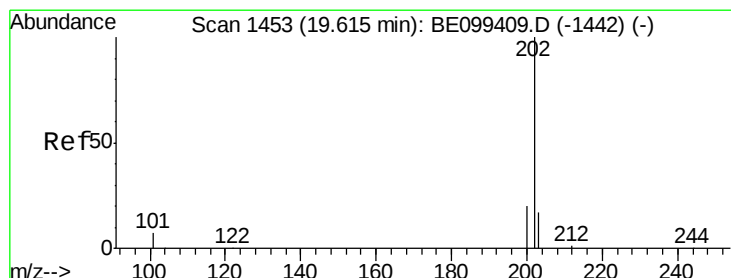
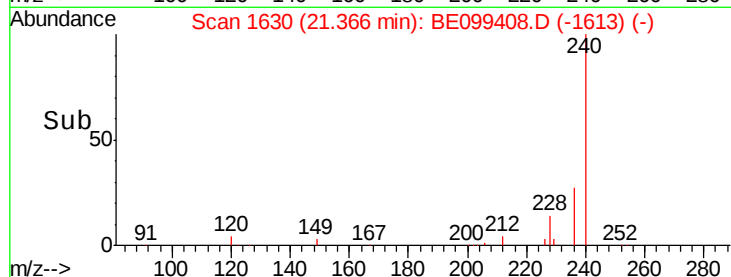
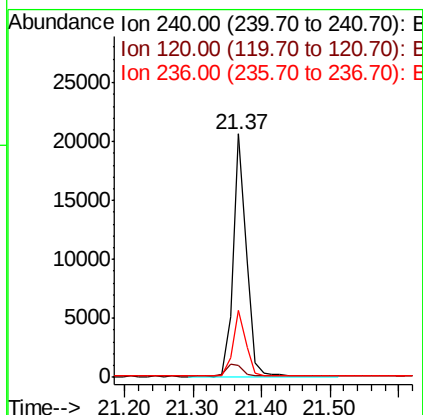
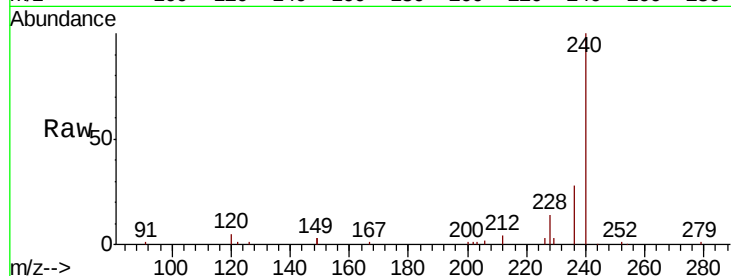




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099408.D
 Acq: 29 Apr 2019 14:55

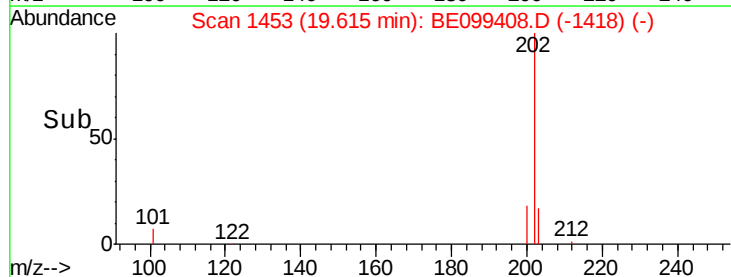
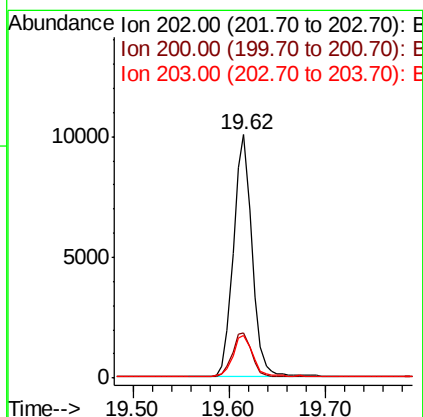
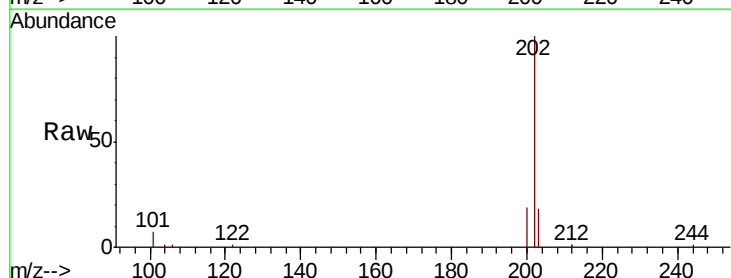
Instrument :
 BNA_E
 ClientSampleId :

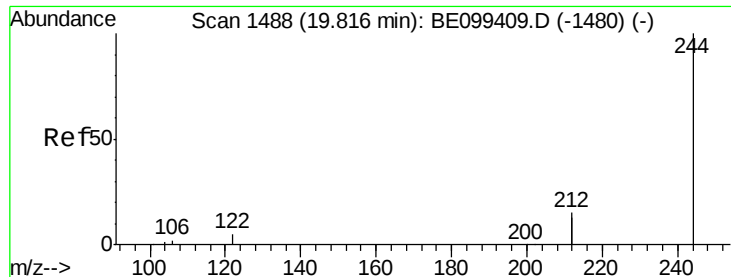
Tot Ion:240 Resp: 27294
 Ion Ratio Lower Upper
 240 100
 120 5.0 4.0 6.0
 236 27.8 22.0 33.0



#28
 Pyrene
 Concen: 0.167 ng
 RT: 19.62 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BE099408.D
 Acq: 29 Apr 2019 14:55

Tgt Ion:202 Resp: 13391
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.7 23.5
 203 17.6 13.9 20.9





#29

Terphenyl-d14

Concen: 0.175 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

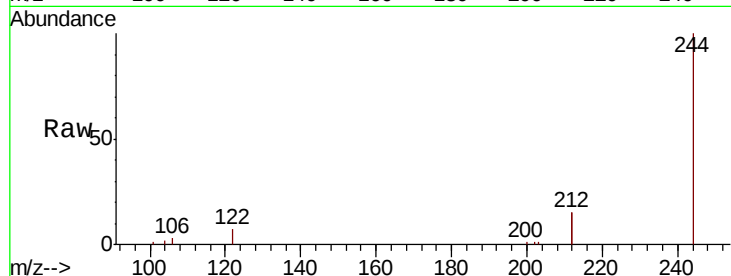
Tot Ion:244 Resp: 9406

Ion Ratio Lower Upper

244 100

212 30.8 23.2 34.8

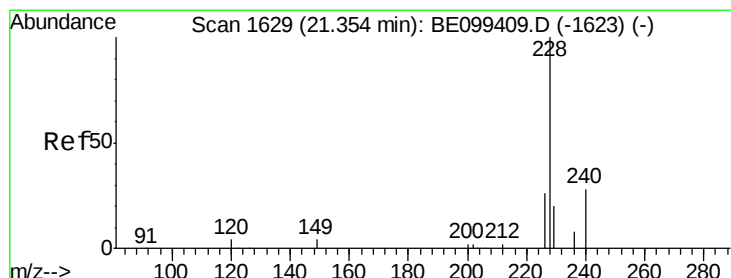
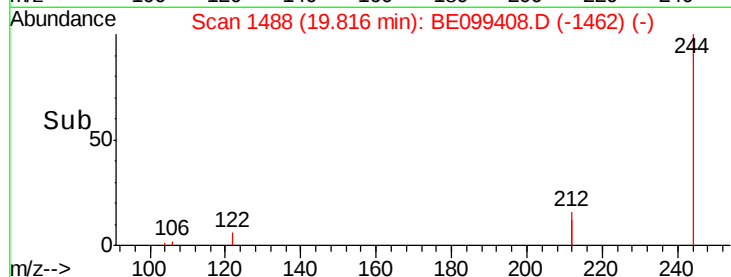
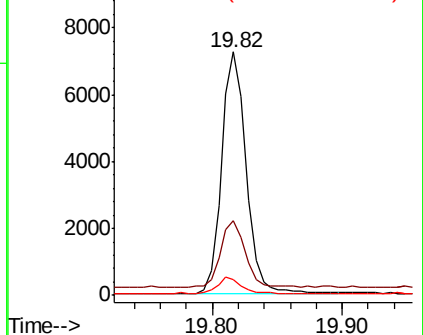
122 6.5 4.2 6.4#



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: 0.206 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

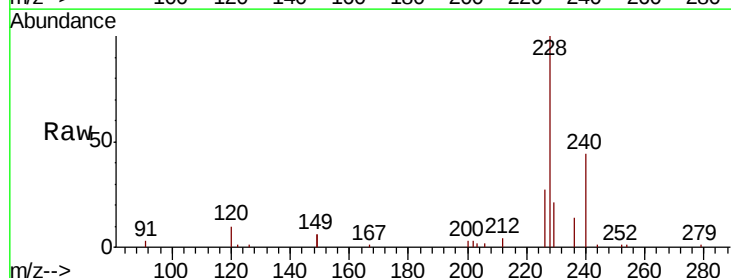
Tgt Ion:228 Resp: 16519

Ion Ratio Lower Upper

228 100

226 26.8 21.0 31.6

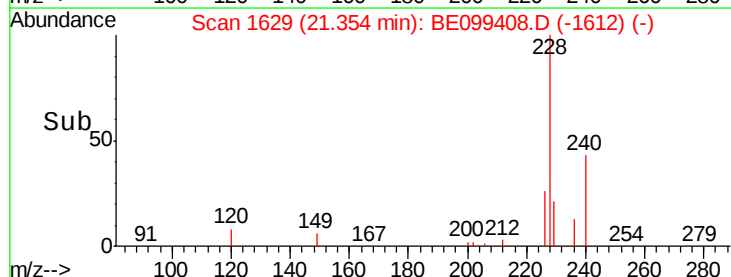
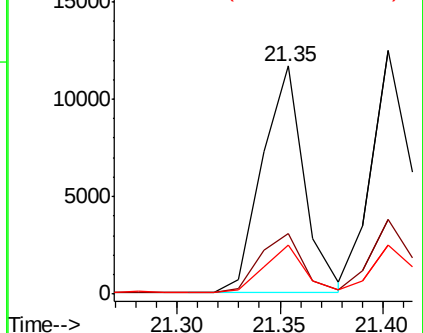
229 21.4 16.6 25.0

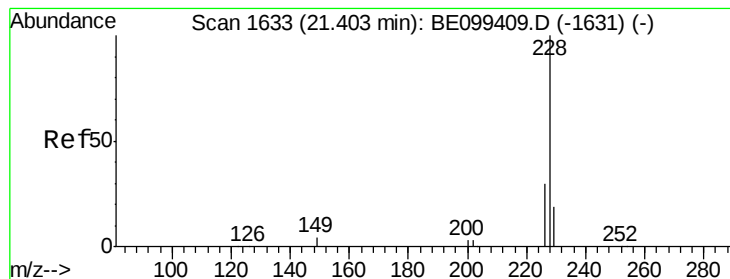


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.194 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

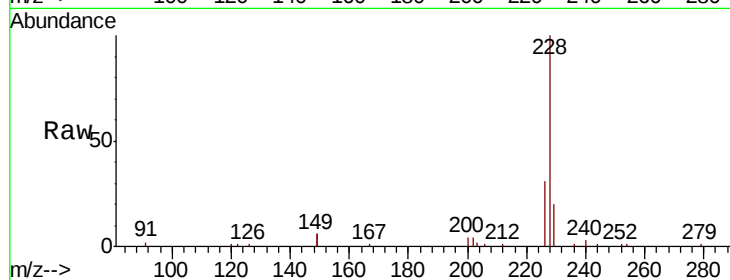
Tot Ion:228 Resp: 16550

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

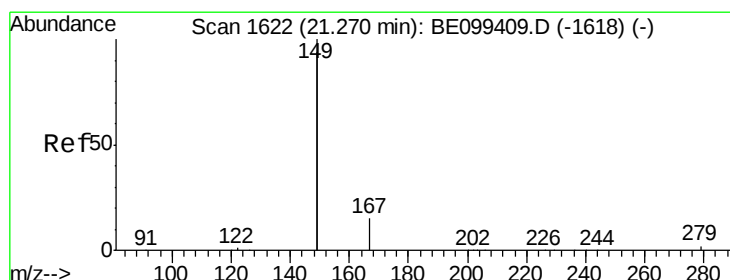
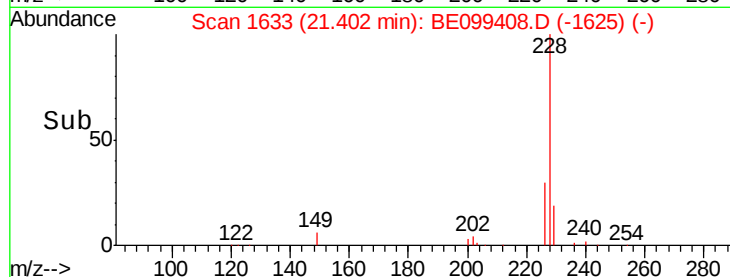
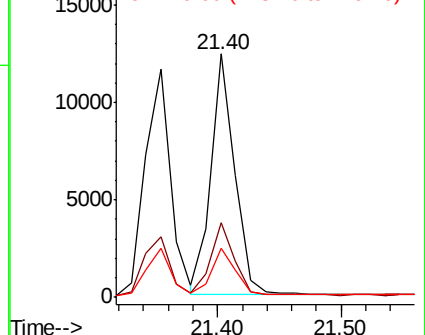
229 20.2 15.8 23.8



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: 0.421 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

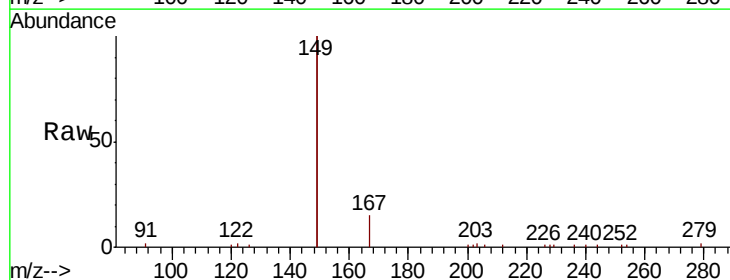
Tgt Ion:149 Resp: 30728

Ion Ratio Lower Upper

149 100

167 7.6 5.8 8.6

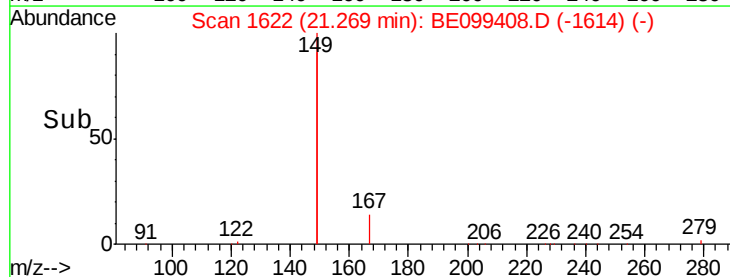
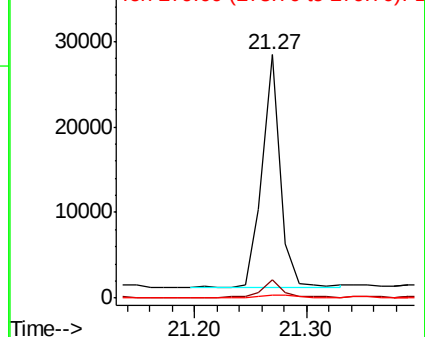
279 1.8 1.0 1.6#

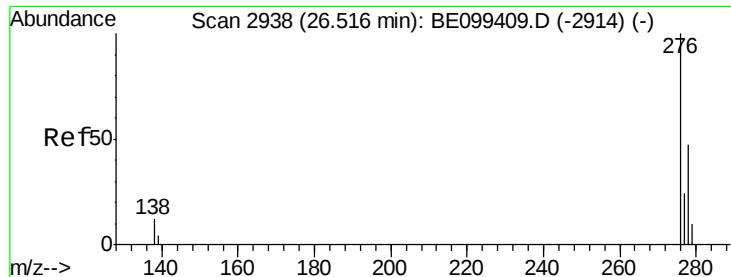


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

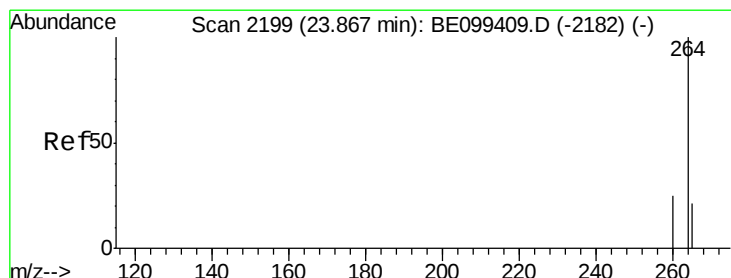
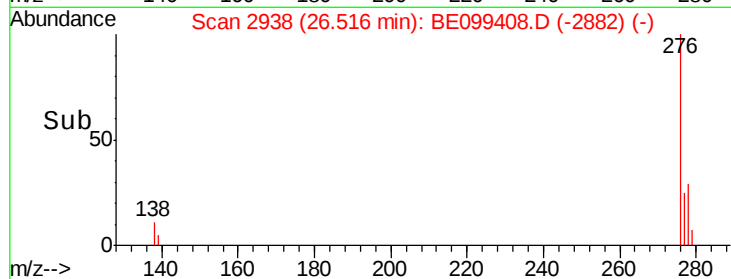
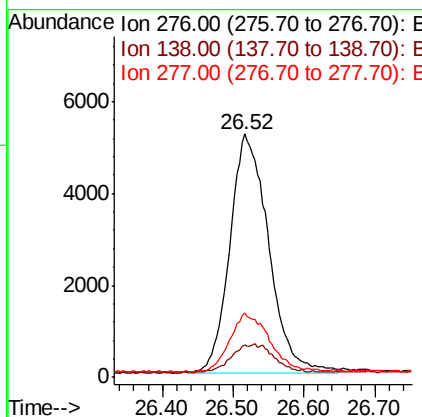
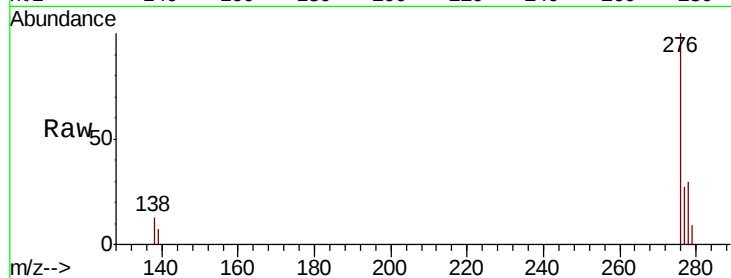




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.236 ng
RT: 26.52 min Scan# 2938
Delta R.T. -0.00 min
Lab File: BE099408.D
Acq: 29 Apr 2019 14:55

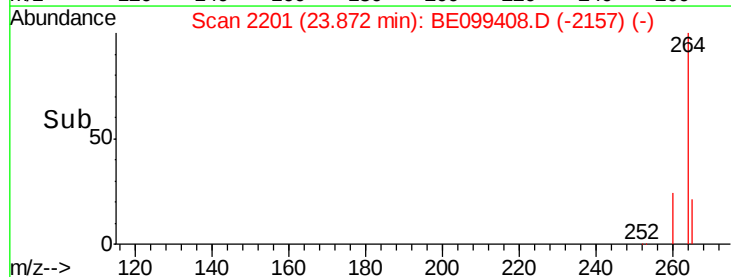
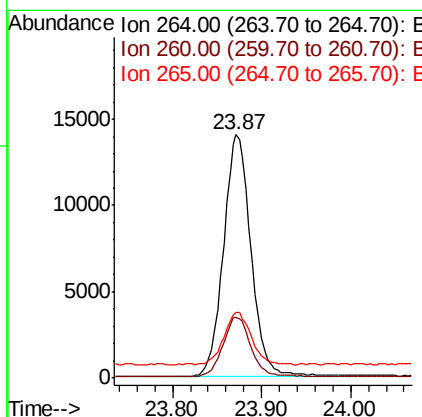
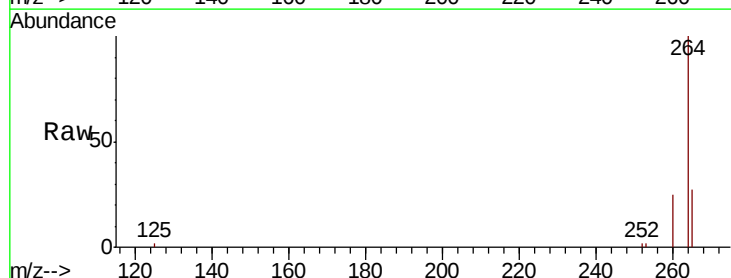
Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 19877
Ion Ratio Lower Upper
276 100
138 5.3 10.2 15.2#
277 23.9 19.2 28.8



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BE099408.D
Acq: 29 Apr 2019 14:55

Tgt Ion:264 Resp: 30308
Ion Ratio Lower Upper
264 100
260 24.9 20.2 30.2
265 27.0 21.3 31.9





#35

Benzo(b)fluoranthene

Concen: 0.175 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.05 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

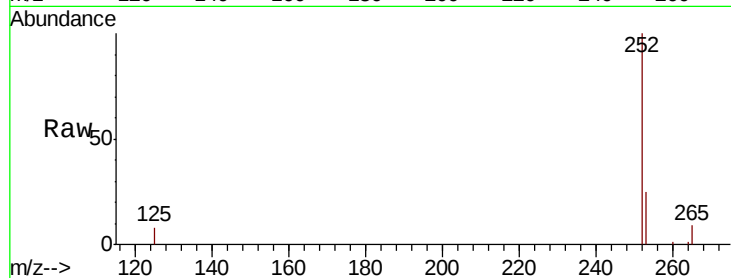
Tot Ion:252 Resp: 16266

Ion Ratio Lower Upper

252 100

253 24.9 18.1 27.1

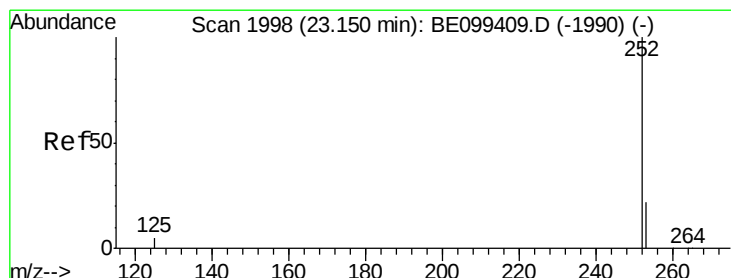
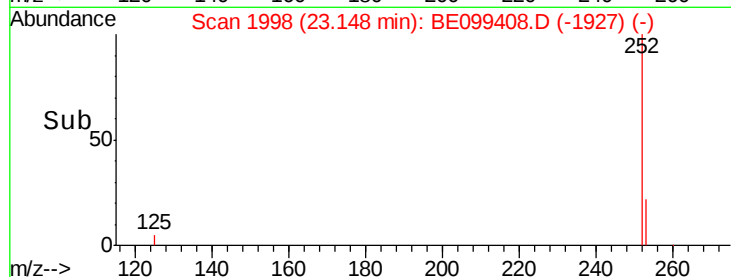
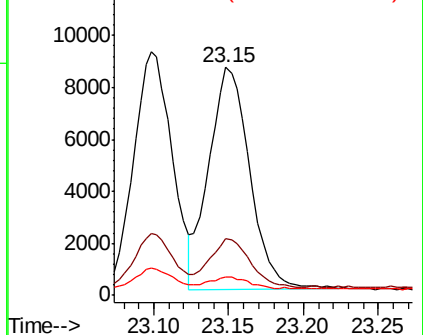
125 8.3 5.6 8.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.176 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

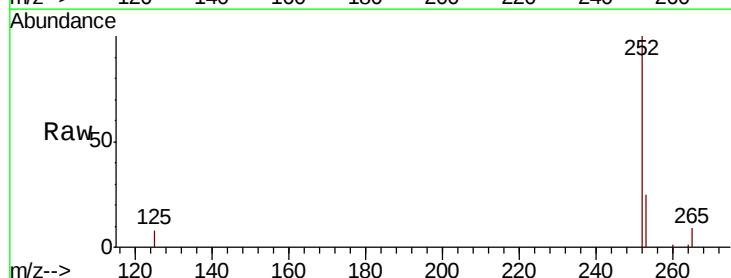
Tgt Ion:252 Resp: 16266

Ion Ratio Lower Upper

252 100

253 24.9 18.4 27.6

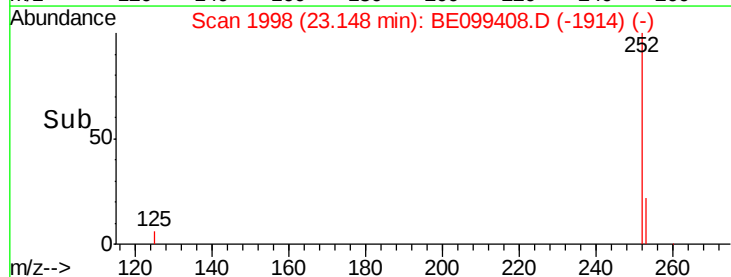
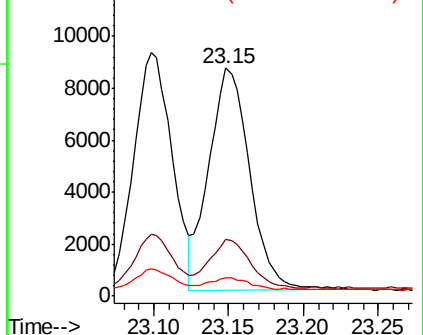
125 8.3 5.0 7.4#



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





#37

Benzo(a)pyrene

Concen: 0.192 ng

RT: 23.76 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

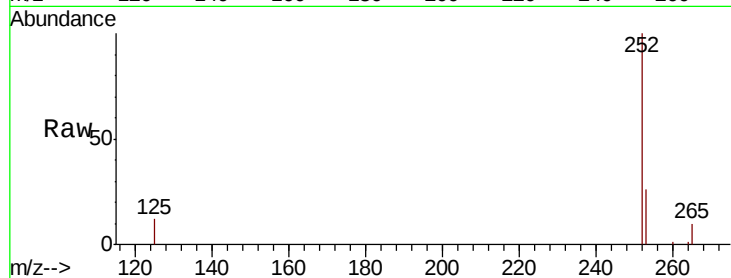
Tot Ion:252 Resp: 15920

Ion Ratio Lower Upper

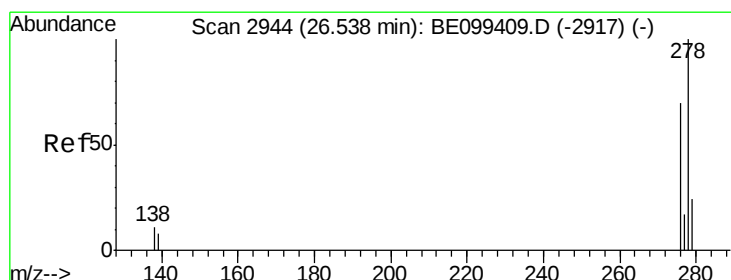
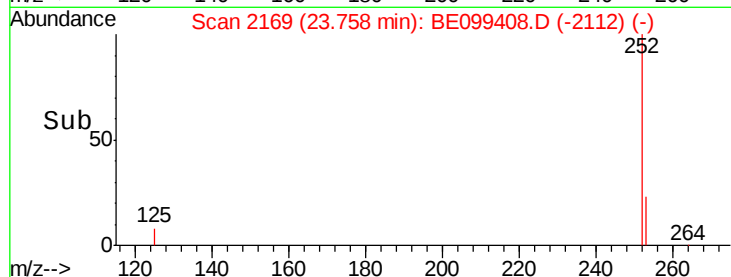
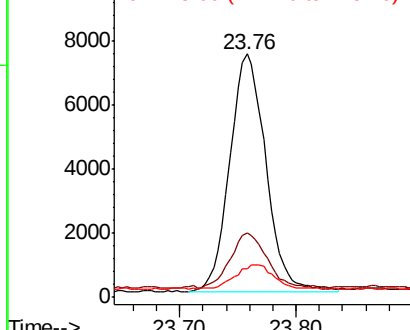
252 100

253 26.2 18.9 28.3

125 11.6 6.7 10.1#



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: 0.188 ng

RT: 26.55 min Scan# 2947

Delta R.T. 0.01 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

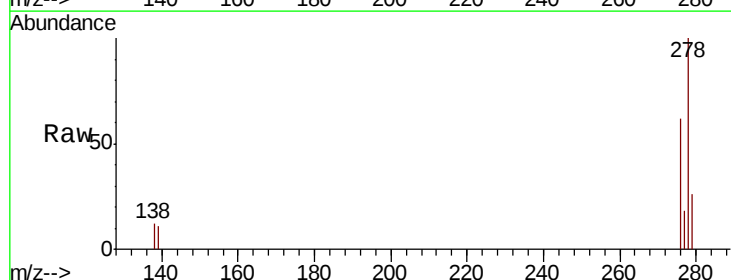
Tgt Ion:278 Resp: 15973

Ion Ratio Lower Upper

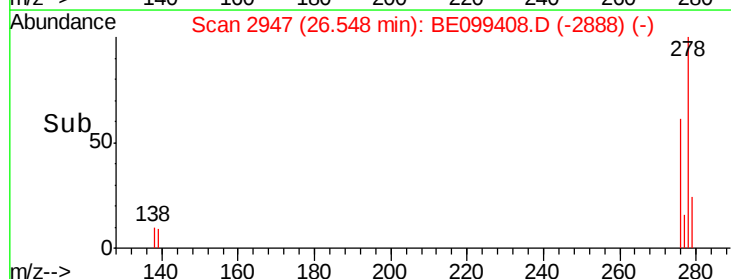
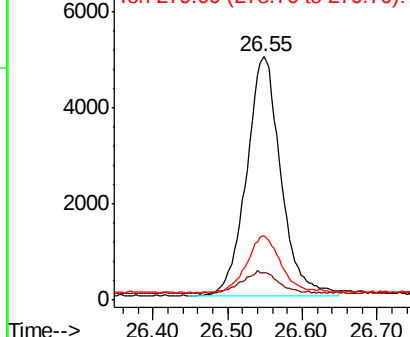
278 100

139 11.2 7.7 11.5

279 26.3 20.2 30.2



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: 0.188 ng

RT: 27.34 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BE099408.D

Acq: 29 Apr 2019 14:55

Instrument :

BNA_E

ClientSampleId :

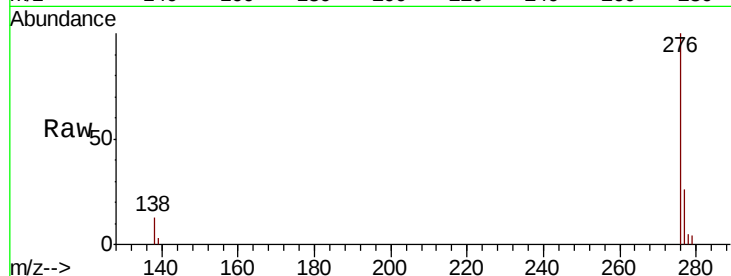
Tot Ion:276 Resp: 16185

Ion Ratio Lower Upper

276 100

277 25.7 19.5 29.3

138 12.5 9.6 14.4



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

