

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042919\
 Data File : BE099414.D
 Acq On : 29 Apr 2019 18:38
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

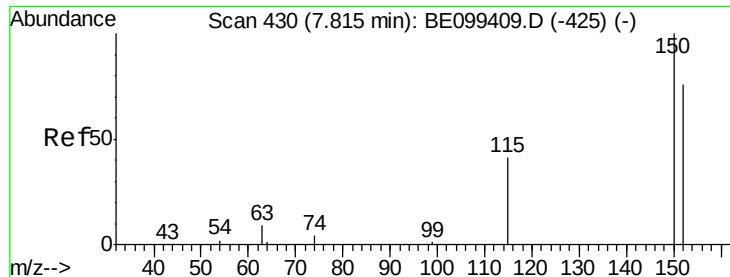
Quant Time: Apr 29 19:16:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 29 18:36:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	2156	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	7773	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5804	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18296	0.40	ng	0.00
27) Chrysene-d12	21.37	240	26690	0.40	ng	0.00
34) Perylene-d12	23.87	264	31622	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2354	0.39	ng	0.00
5) Phenol-d6	6.97	99	3272	0.41	ng	0.00
8) Nitrobenzene-d5	8.96	82	2975	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	5804	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1419	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	9177	0.41	ng	0.00
25) Fluoranthene-d10	19.22	212	99924	0.41	ng	0.00
29) Terphenyl-d14	19.82	244	21320	0.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1247	0.420	ng	91
3) n-Nitrosodimethylamine	3.64	42	550	0.308	ng	# 91
6) bis(2-Chloroethyl)ether	7.23	93	2700	0.395	ng	98
9) Naphthalene	10.65	128	34832	0.411	ng	100
10) Hexachlorobutadiene	10.93	225	2371	0.402	ng	98
12) 2-Methylnaphthalene	12.27	142	5866	0.398	ng	96
16) Acenaphthylene	14.18	152	11481	0.404	ng	98
17) Acenaphthene	14.51	154	6441	0.397	ng	96
18) Fluorene	15.49	166	9787	0.409	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	4155	0.390	ng	98
21) Hexachlorobenzene	16.49	284	4024	0.396	ng	99
22) Pentachlorophenol	16.84	266	1517	0.464	ng	97
23) Phenanthrene	17.23	178	19051	0.404	ng	99
24) Anthracene	17.32	178	17933	0.399	ng	99
26) Fluoranthene	19.25	202	28898	0.409	ng	99
28) Pyrene	19.61	202	30272	0.435	ng	100
30) Benzo(a)anthracene	21.35	228	37532	0.441	ng	99
31) Chrysene	21.40	228	37845	0.455	ng	100
32) Bis(2-ethylhexyl)phthalate	21.27	149	57354	0.406	ng	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	43788	0.445	ng	100
35) Benzo(b)fluoranthene	23.10	252	38222	0.419	ng	99
36) Benzo(k)fluoranthene	23.15	252	36441	0.414	ng	100
37) Benzo(a)pyrene	23.76	252	35550	0.412	ng	99
38) Dibenzo(a,h)anthracene	26.55	278	35822	0.406	ng	100
39) Benzo(g,h,i)perylene	27.34	276	36352	0.411	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampled :

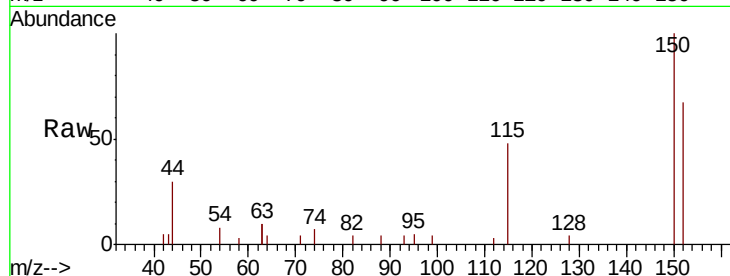
Tot Ion:152 Resp: 2156

Ion Ratio Lower Upper

152 100

150 149.0 104.8 157.2

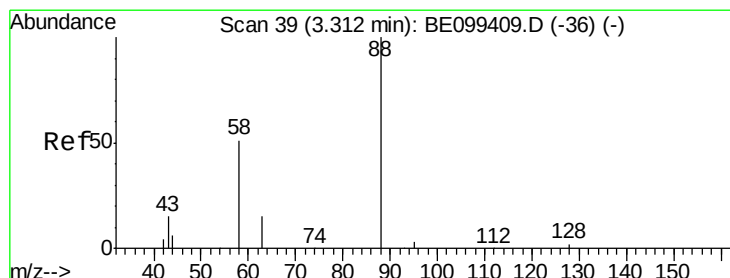
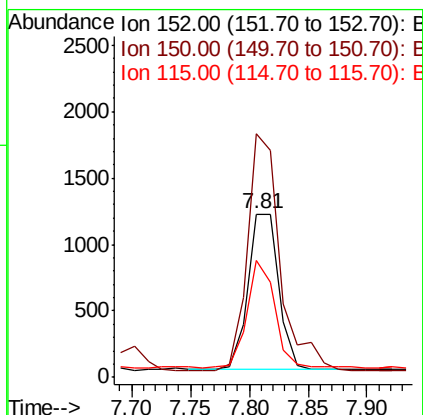
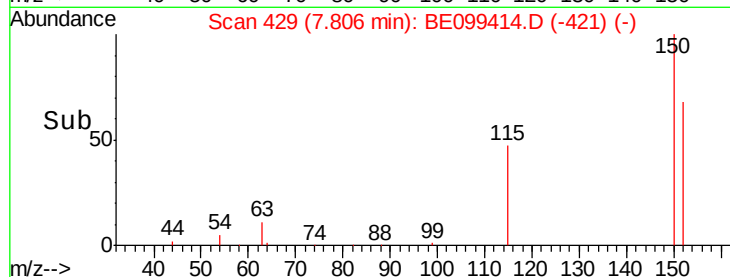
115 71.5 46.6 69.8#



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



#2

1,4-Dioxane

Concen: 0.420 ng

RT: 3.30 min Scan# 38

Delta R.T. -0.01 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

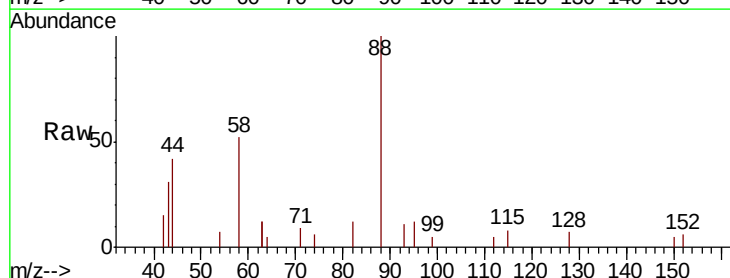
Tgt Ion: 88 Resp: 1247

Ion Ratio Lower Upper

88 100

58 55.6 51.0 76.6

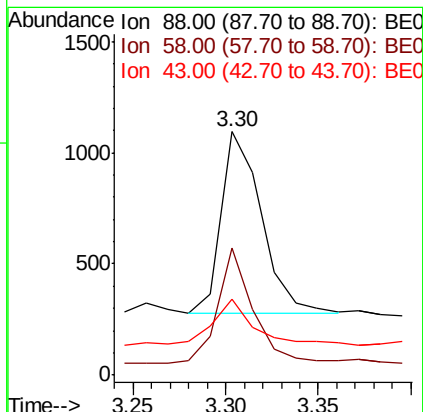
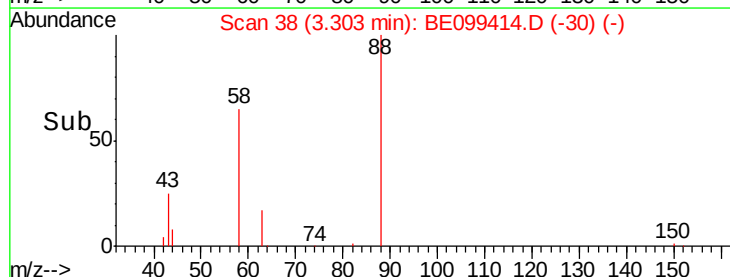
43 27.7 20.6 30.8

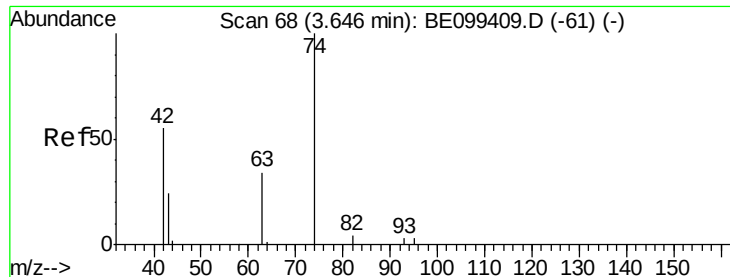


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.308 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.01 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampled :

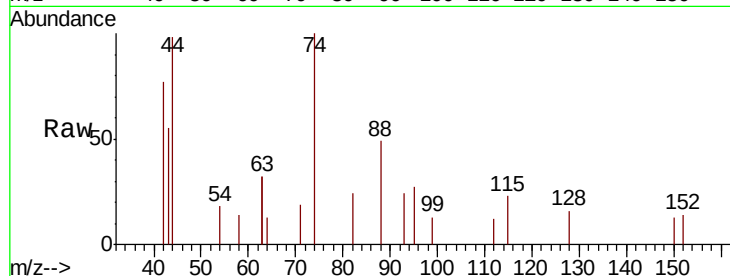
Tot Ion: 42 Resp: 550

Ion Ratio Lower Upper

42 100

74 190.2 141.6 212.4

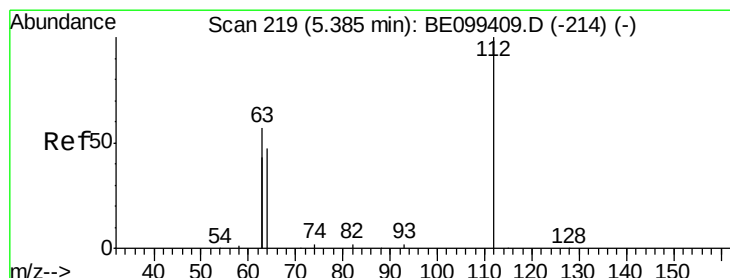
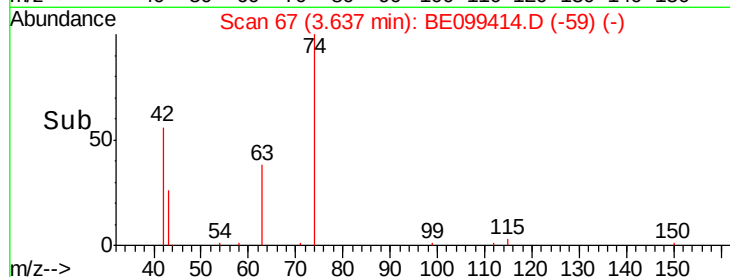
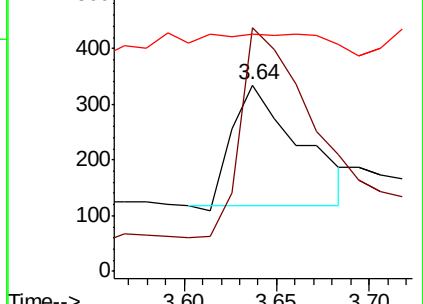
44 0.0 0.0 0.0



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: 0.395 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

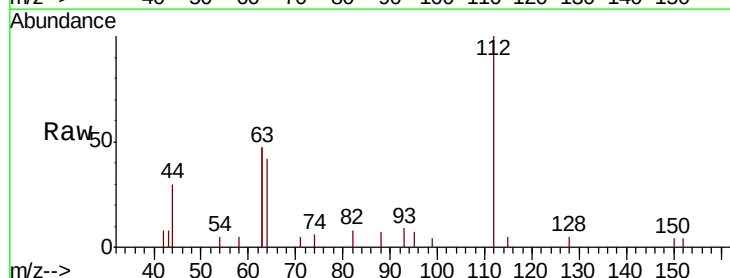
Tgt Ion: 112 Resp: 2354

Ion Ratio Lower Upper

112 100

64 58.3 47.4 71.0

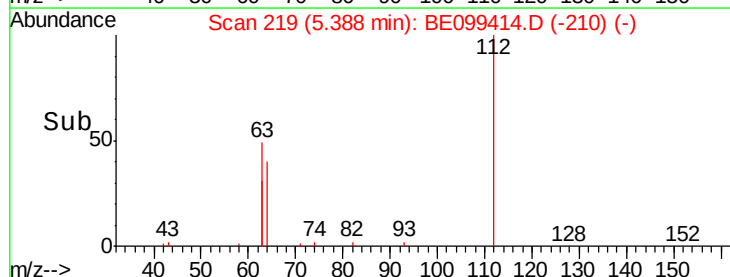
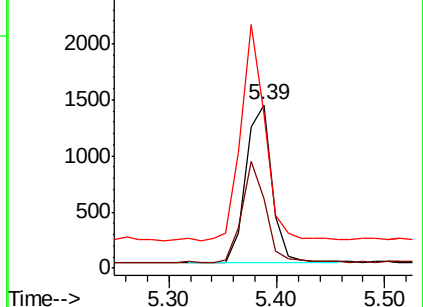
63 125.7 104.3 156.5

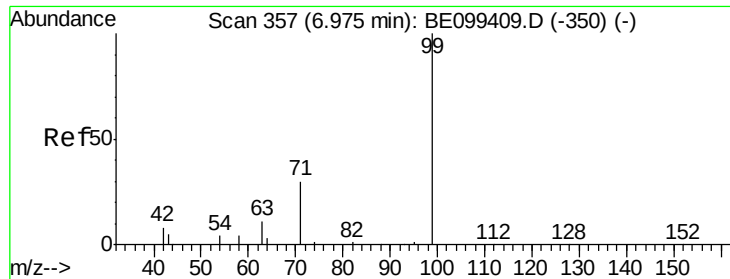


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.413 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampled :

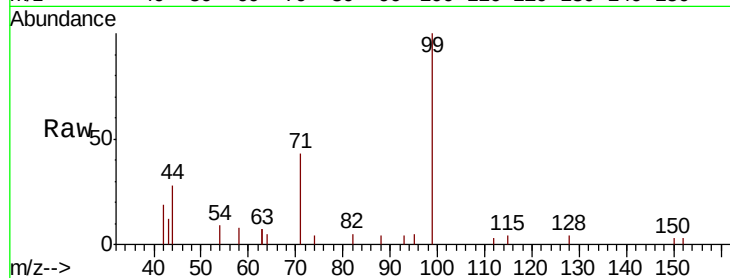
Tot Ion: 99 Resp: 3272

Ion Ratio Lower Upper

99 100

42 18.6 14.9 22.3

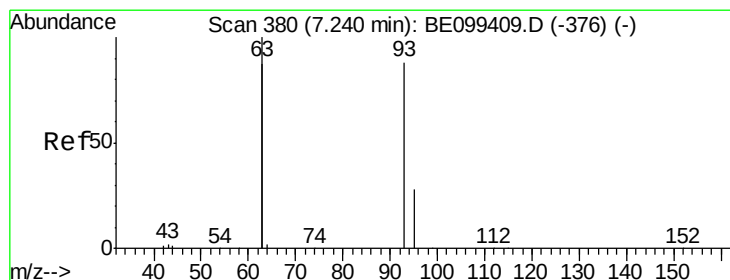
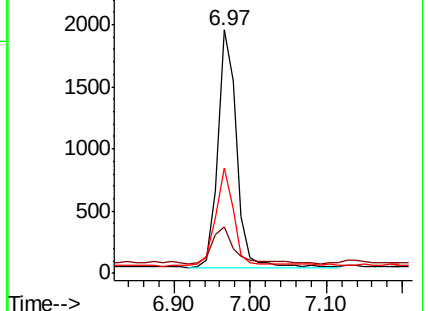
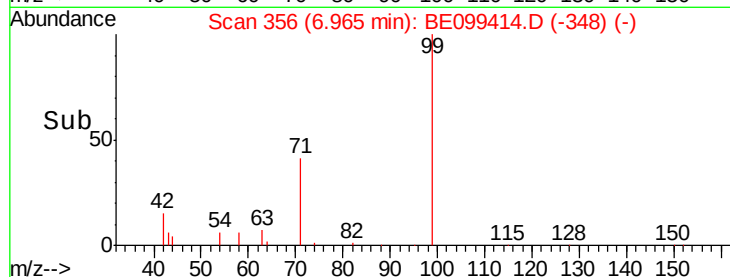
71 39.7 33.0 49.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.395 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

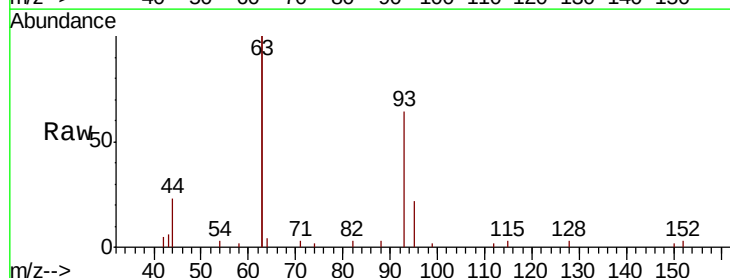
Tgt Ion: 93 Resp: 2700

Ion Ratio Lower Upper

93 100

63 272.9 215.6 323.4

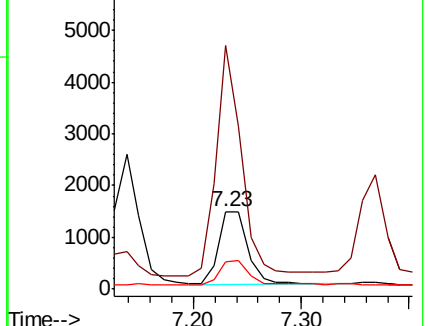
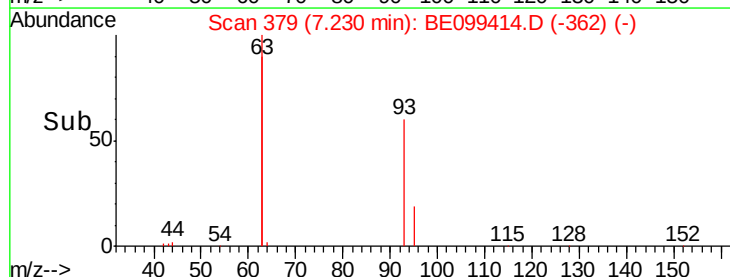
95 32.2 26.2 39.2

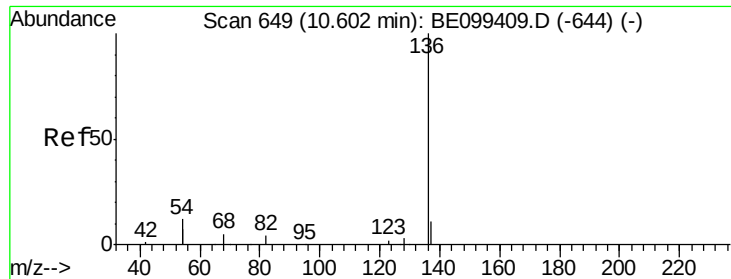


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7773

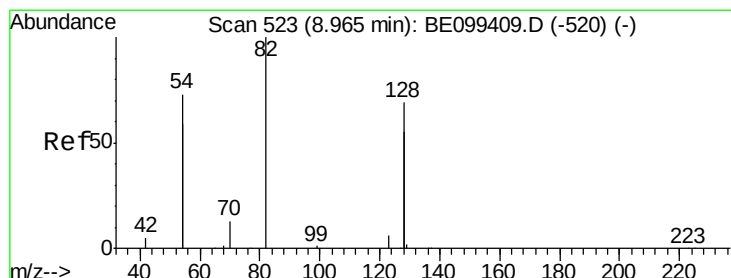
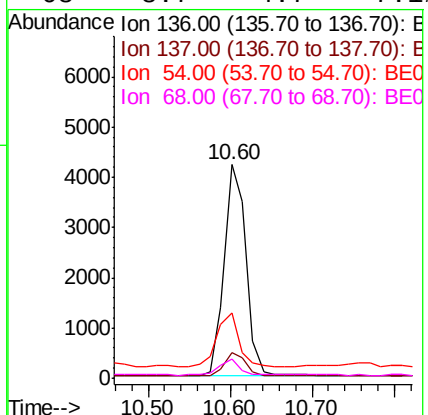
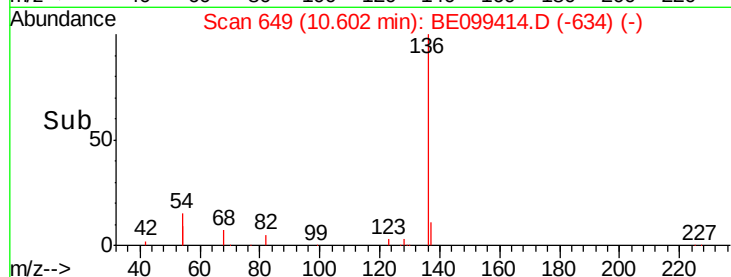
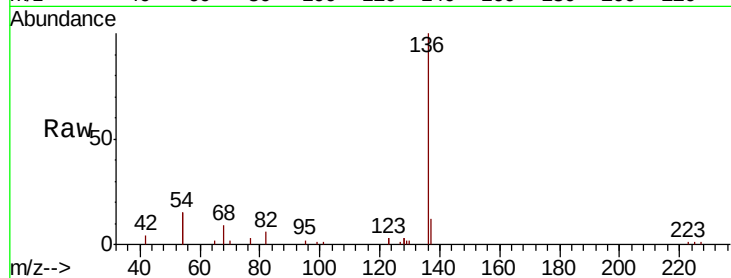
Ion Ratio Lower Upper

136 100

137 12.1 9.8 14.8

54 30.6 18.5 27.7#

68 8.7 4.7 7.1#



#8

Nitrobenzene-d5

Concen: 0.408 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

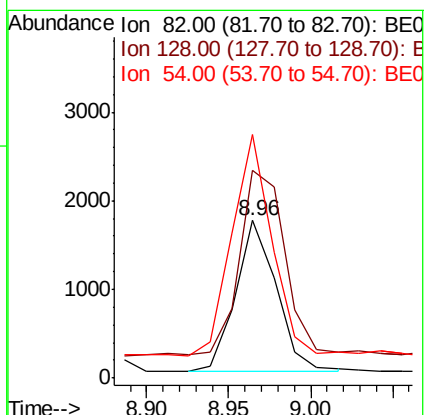
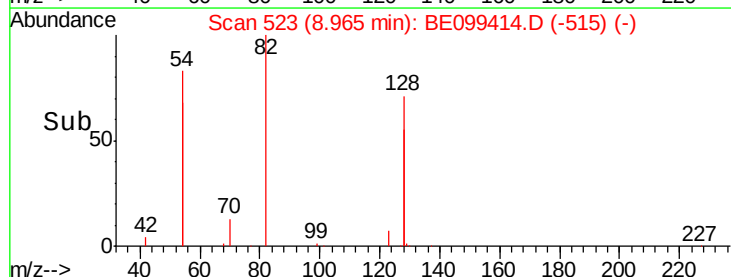
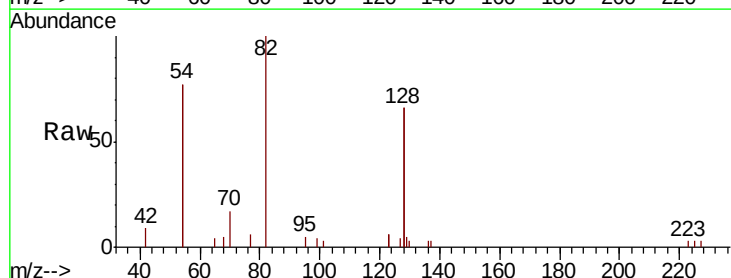
Tgt Ion: 82 Resp: 2975

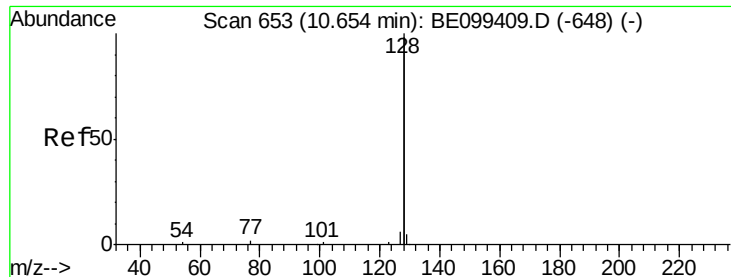
Ion Ratio Lower Upper

82 100

128 132.1 107.0 160.4

54 154.5 113.1 169.7





#9

Naphthalene

Concen: 0.411 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampled :

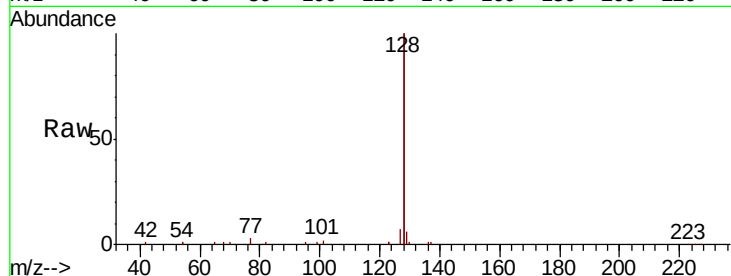
Tot Ion:128 Resp: 34832

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

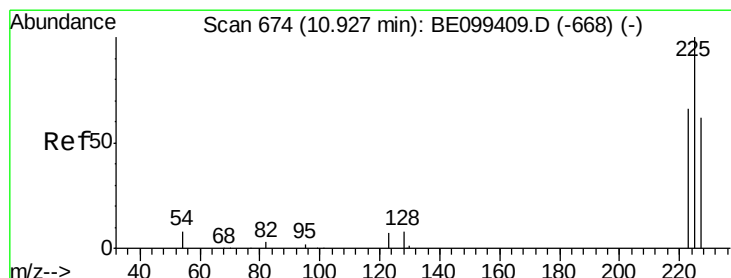
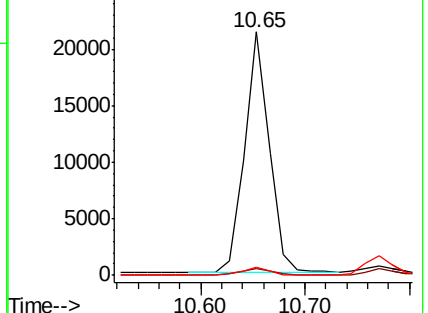
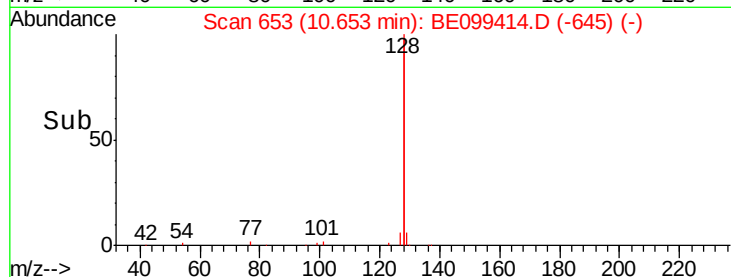
127 3.5 2.8 4.2



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: 0.402 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

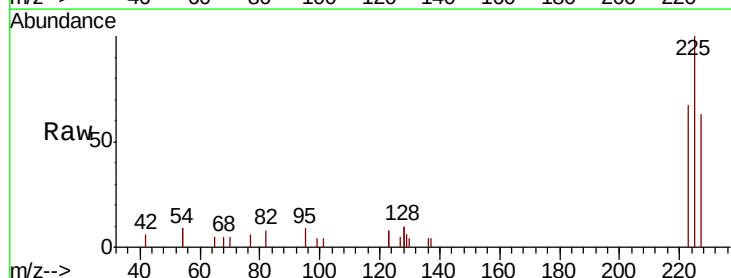
Tgt Ion:225 Resp: 2371

Ion Ratio Lower Upper

225 100

223 65.1 51.0 76.6

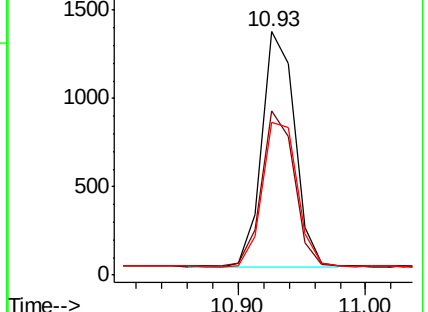
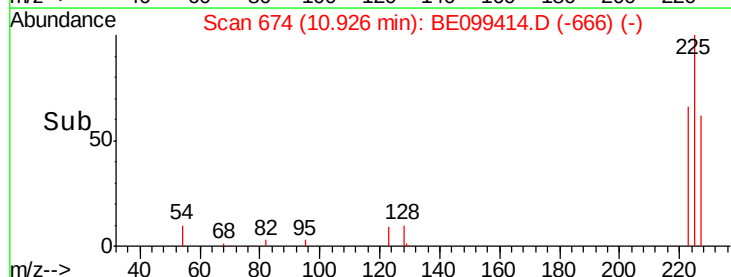
227 66.1 50.9 76.3

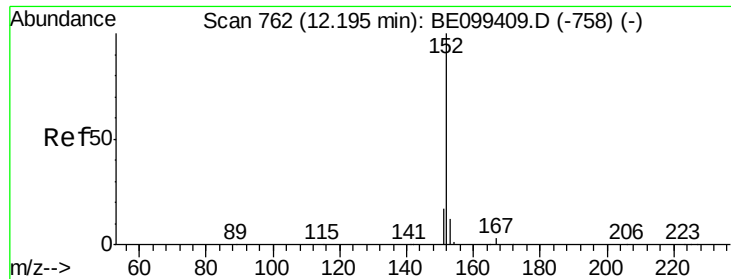


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

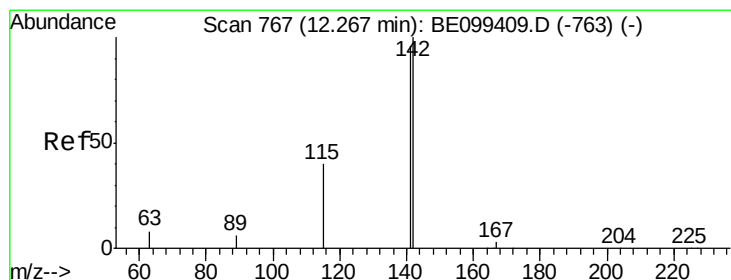
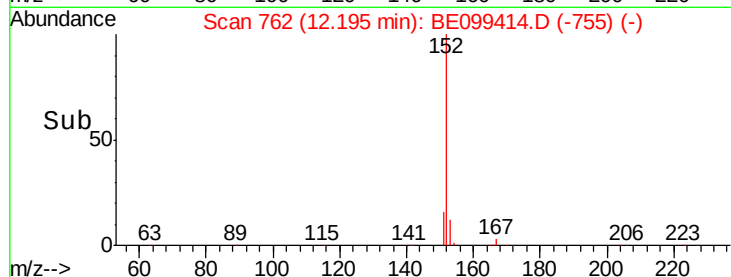
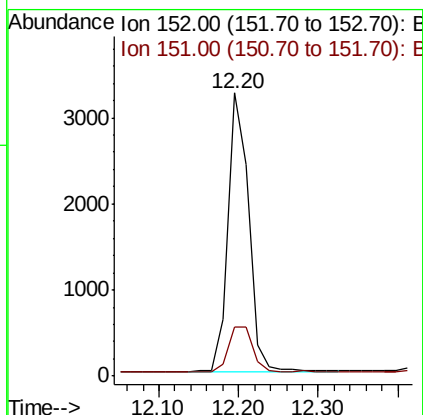
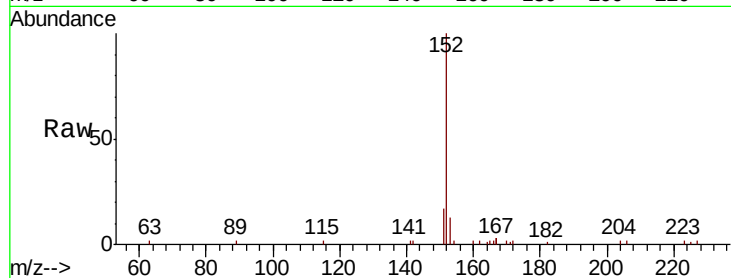




#11
 2-Methylnaphthalene-d10
 Concen: 0.414 ng
 RT: 12.20 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099414.D
 Acq: 29 Apr 2019 18:38

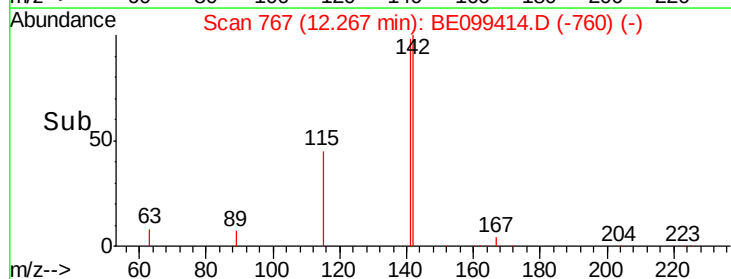
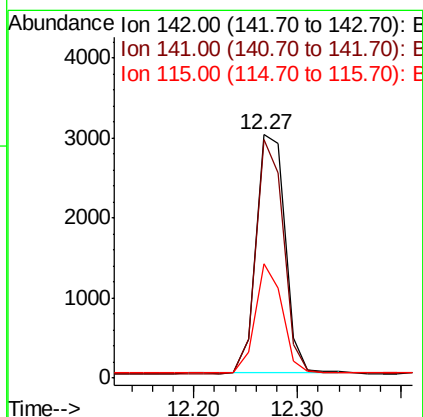
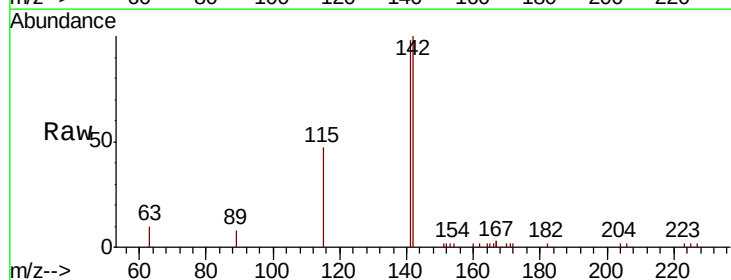
Instrument :
 BNA_E
 ClientSampleId :

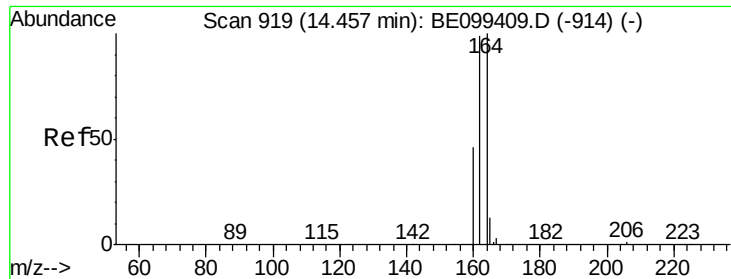
Tot Ion:152 Resp: 5804
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.398 ng
 RT: 12.27 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BE099414.D
 Acq: 29 Apr 2019 18:38

Tgt Ion:142 Resp: 5866
 Ion Ratio Lower Upper
 142 100
 141 97.7 77.0 115.4
 115 46.9 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: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampleId :

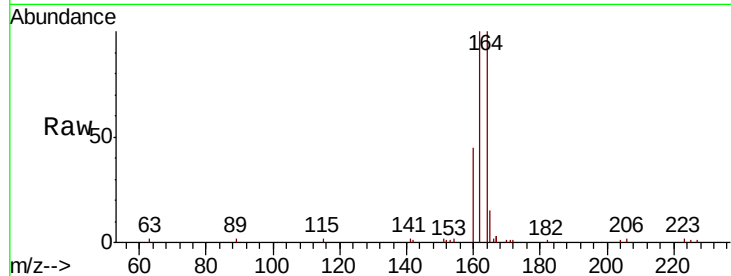
Tot Ion:164 Resp: 5804

Ion Ratio Lower Upper

164 100

162 100.2 79.0 118.4

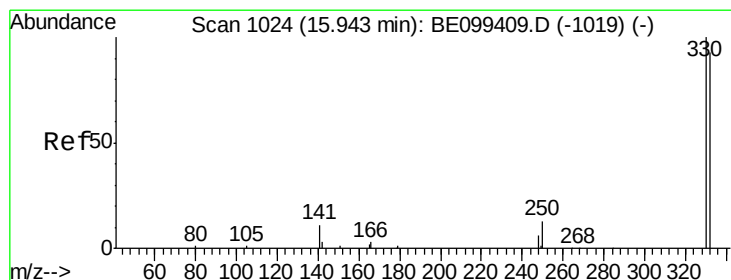
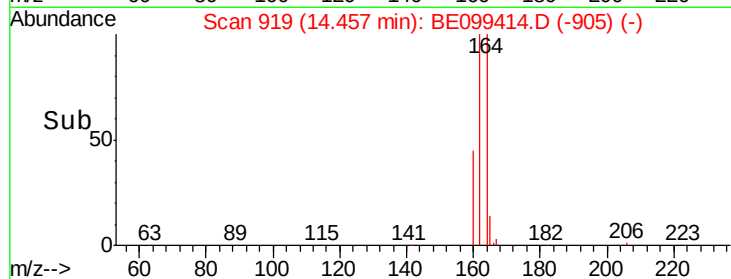
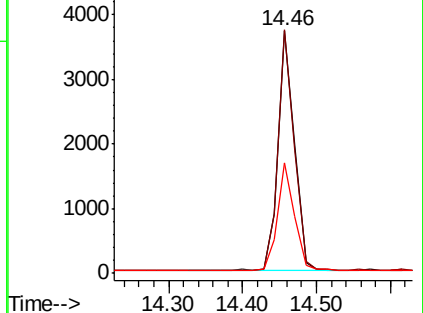
160 45.6 37.0 55.4



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: 0.388 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

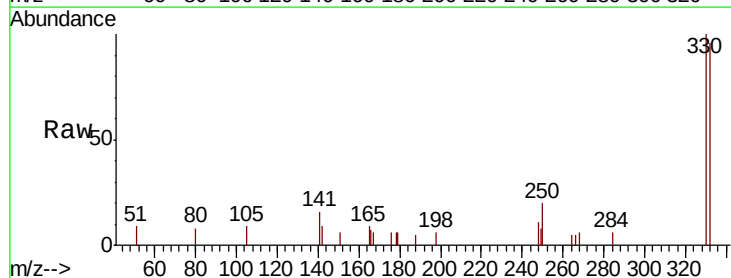
Tgt Ion:330 Resp: 1419

Ion Ratio Lower Upper

330 100

332 96.5 71.5 107.3

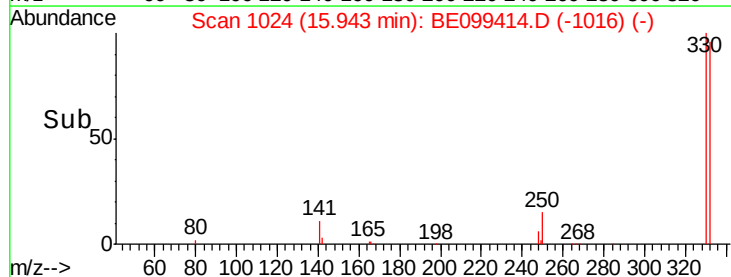
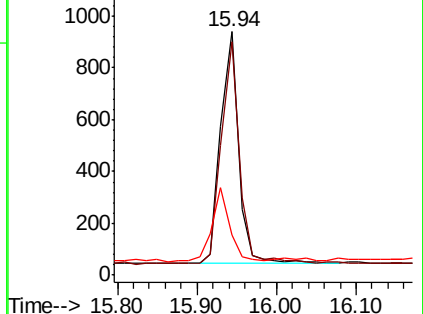
141 31.1 24.0 36.0

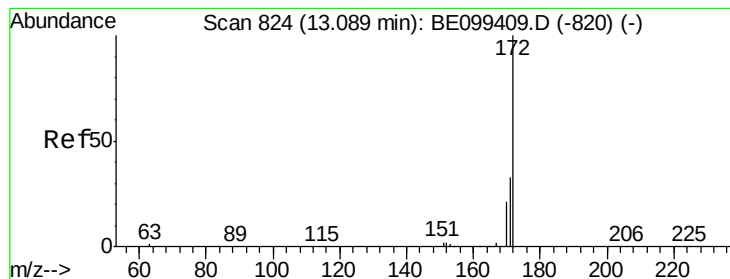


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

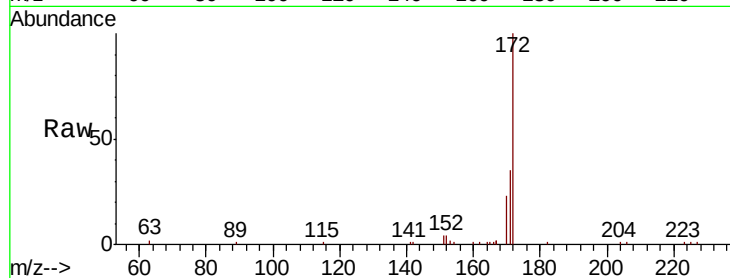




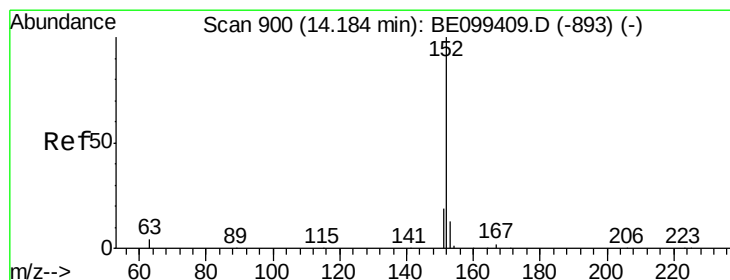
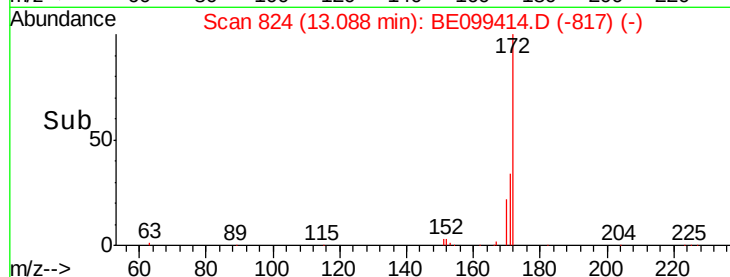
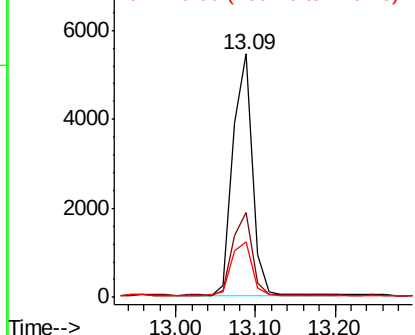
#15
 2-Fluorobiphenyl
 Concen: 0.414 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099414.D
 Acq: 29 Apr 2019 18:38

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:172 Resp: 9177
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.6 39.8
 170 22.9 17.0 25.6

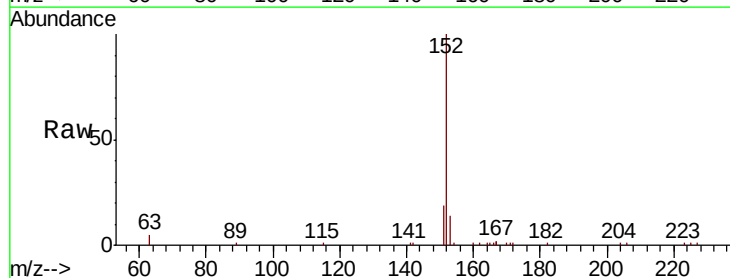


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

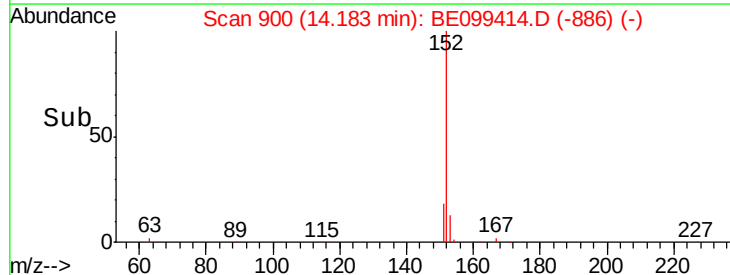
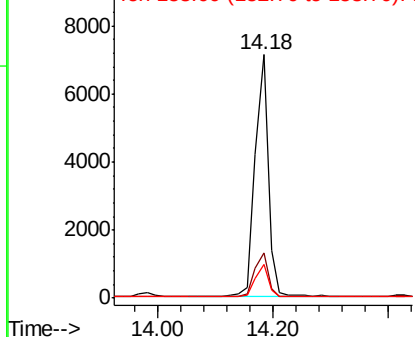


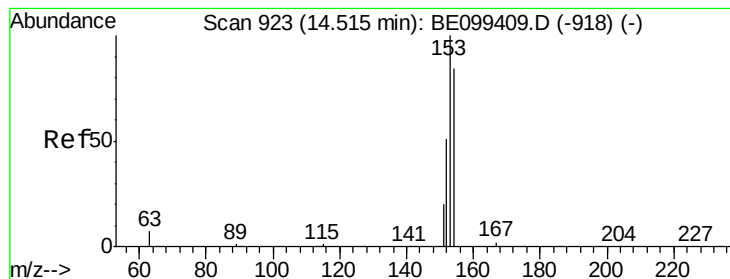
#16
 Acenaphthylene
 Concen: 0.404 ng
 RT: 14.18 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BE099414.D
 Acq: 29 Apr 2019 18:38

Tgt Ion:152 Resp: 11481
 Ion Ratio Lower Upper
 152 100
 151 18.5 15.4 23.2
 153 12.7 9.8 14.6



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: 0.397 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampleId :

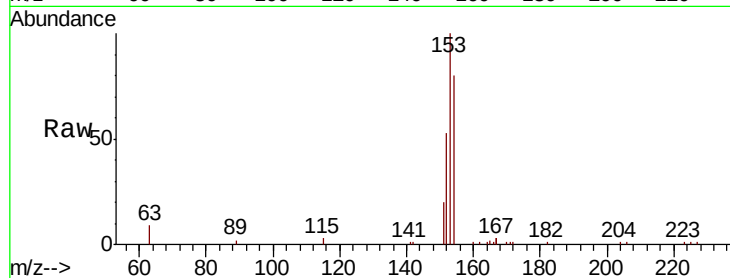
Tot Ion:154 Resp: 6441

Ion Ratio Lower Upper

154 100

153 120.6 92.6 138.8

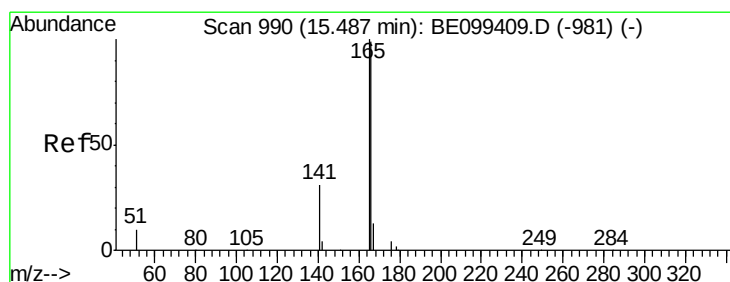
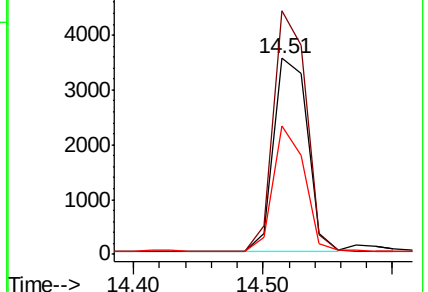
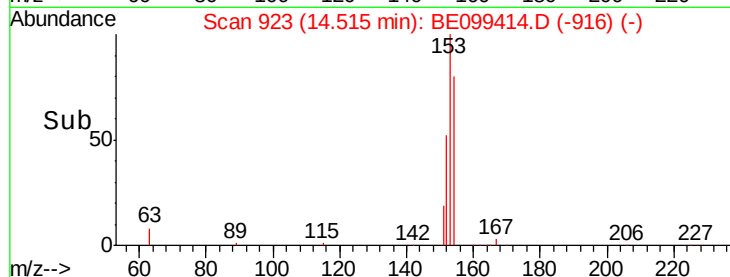
152 59.9 45.8 68.8



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: 0.409 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

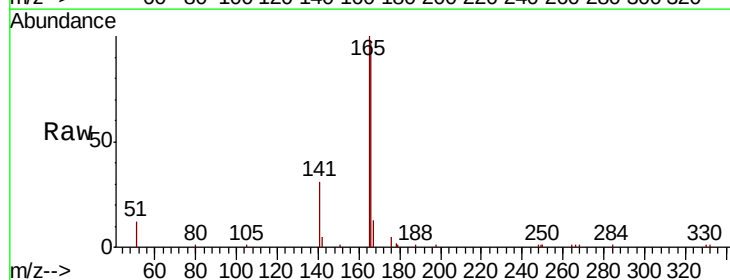
Tgt Ion:166 Resp: 9787

Ion Ratio Lower Upper

166 100

165 99.7 80.3 120.5

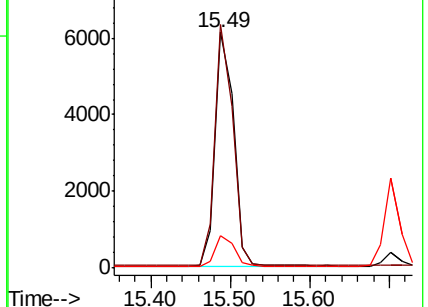
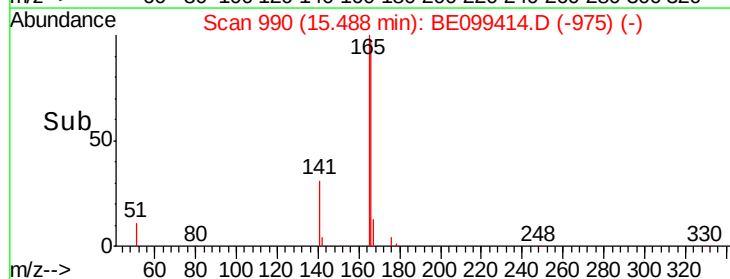
167 13.4 10.7 16.1

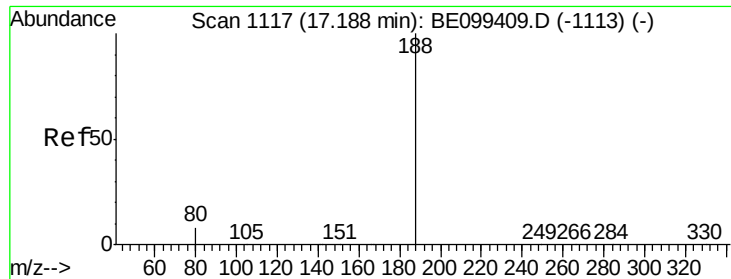


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

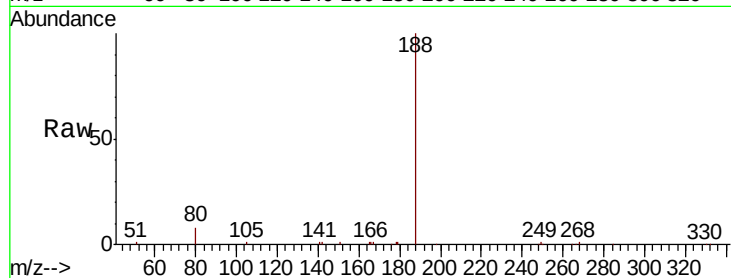




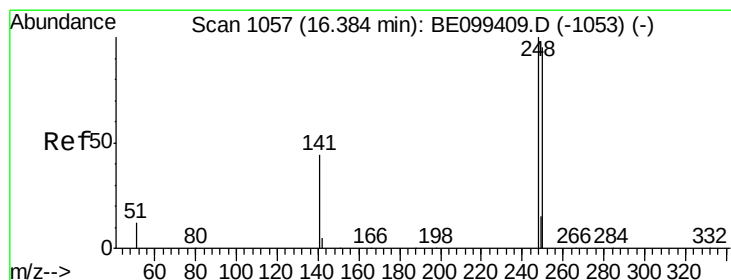
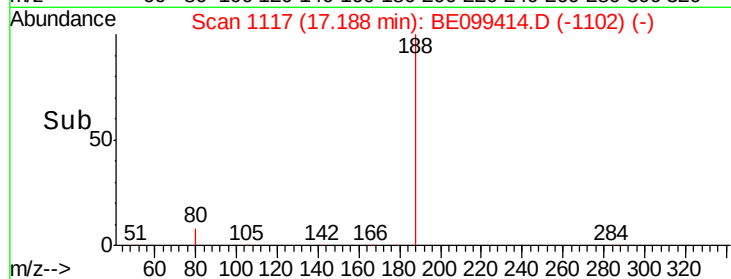
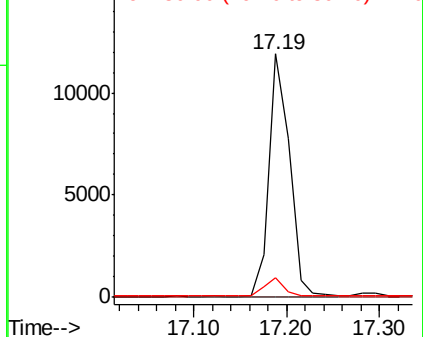
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 18296
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 6.7 10.1

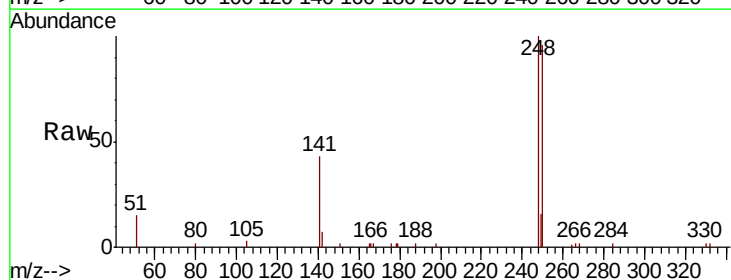


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

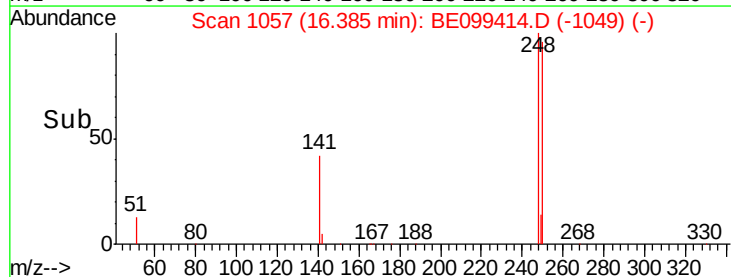
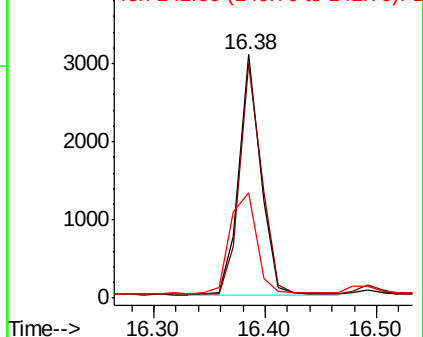


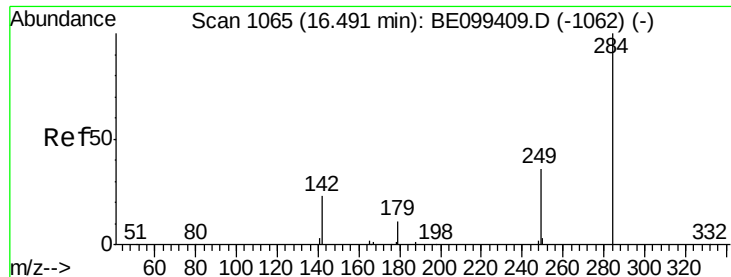
#20
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.38 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:248 Resp: 4155
Ion Ratio Lower Upper
248 100
250 96.3 75.8 113.8
141 43.3 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: 0.396 ng

RT: 16.49 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampleId :

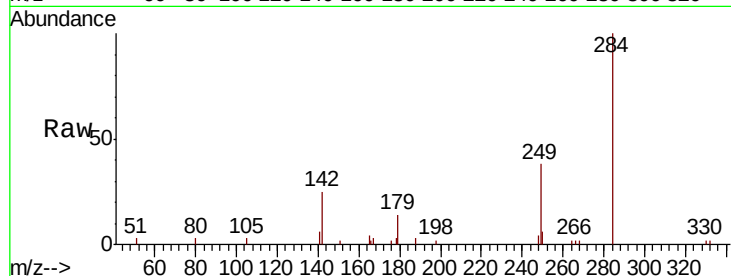
Tot Ion:284 Resp: 4024

Ion Ratio Lower Upper

284 100

142 25.0 21.0 31.6

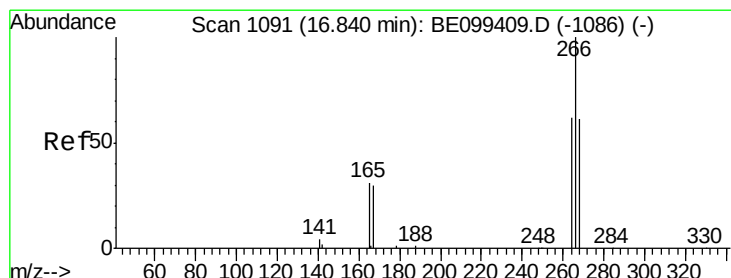
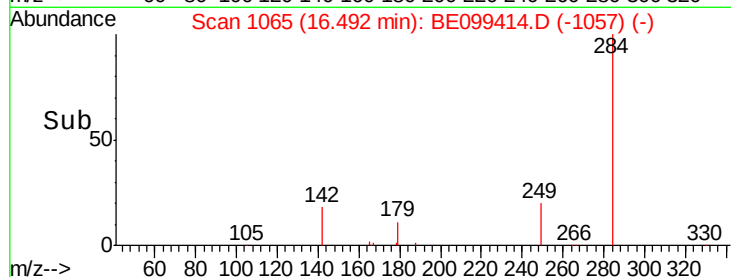
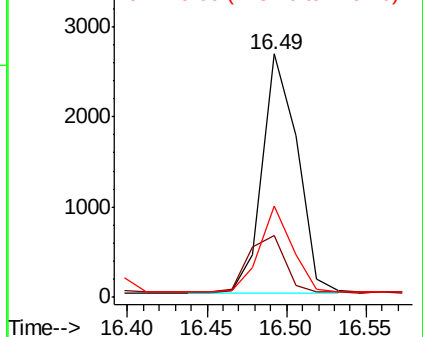
249 33.7 26.7 40.1



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: 0.464 ng

RT: 16.84 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

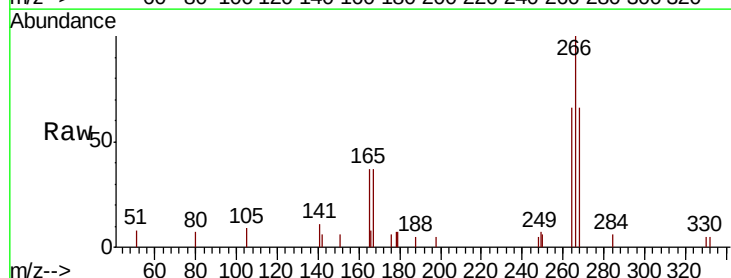
Tgt Ion:266 Resp: 1517

Ion Ratio Lower Upper

266 100

264 65.8 50.8 76.2

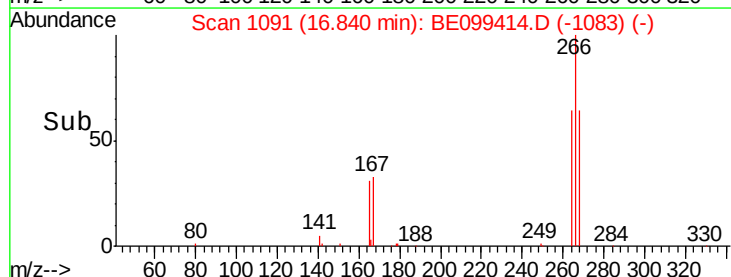
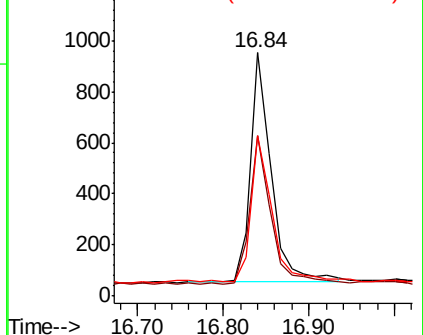
268 66.1 50.5 75.7

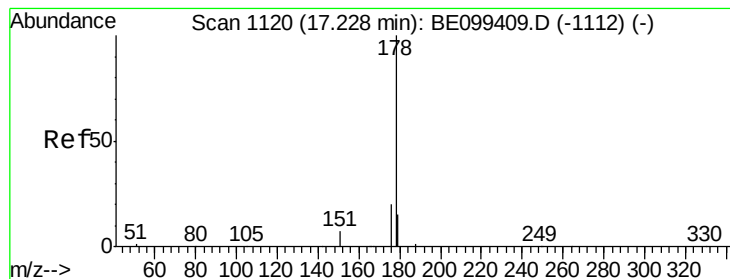


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.404 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

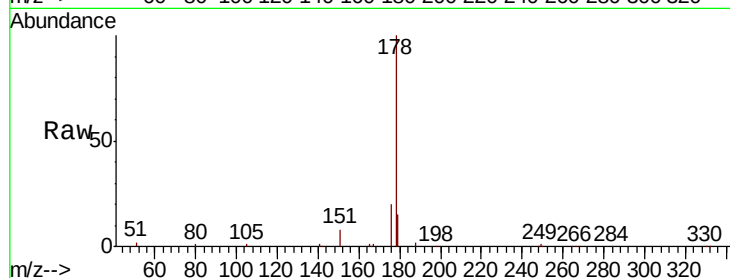
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 19051

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.5	12.0	18.0

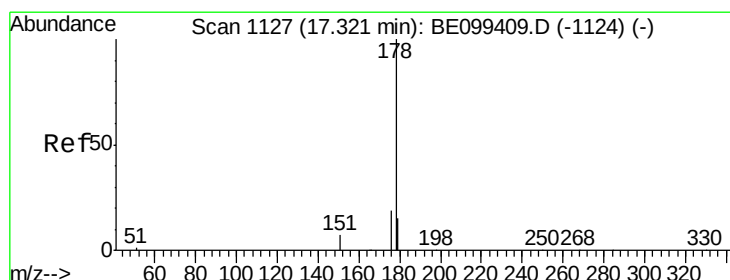
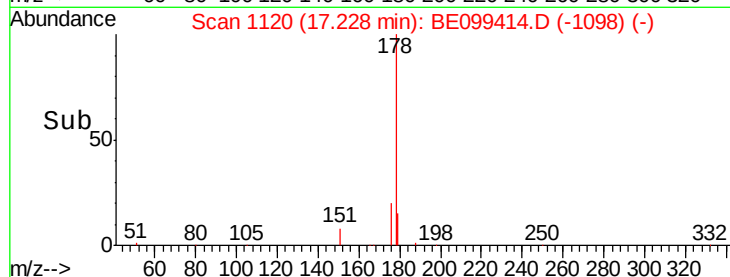
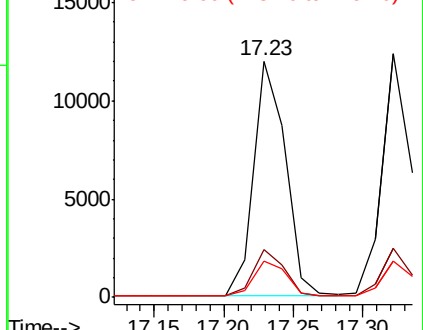


Abundance

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: 0.399 ng

RT: 17.32 min Scan# 1127

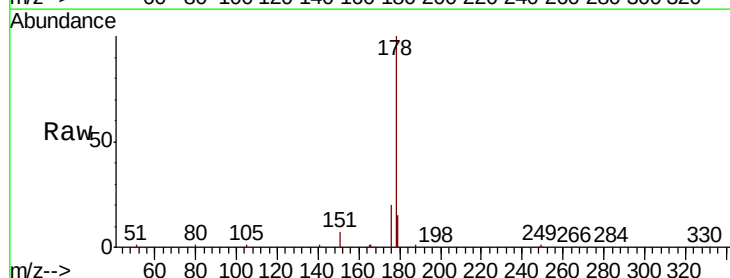
Delta R.T. 0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Tgt Ion:178 Resp: 17933

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	14.7	11.9	17.9

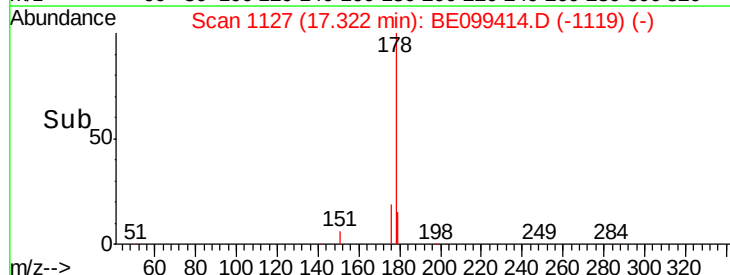
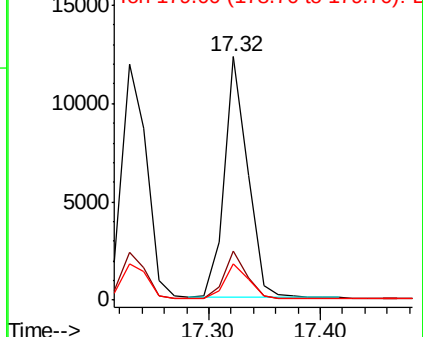


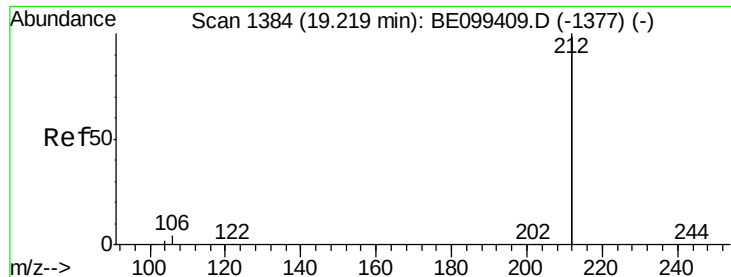
Abundance

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: 0.405 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.01 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampleId :

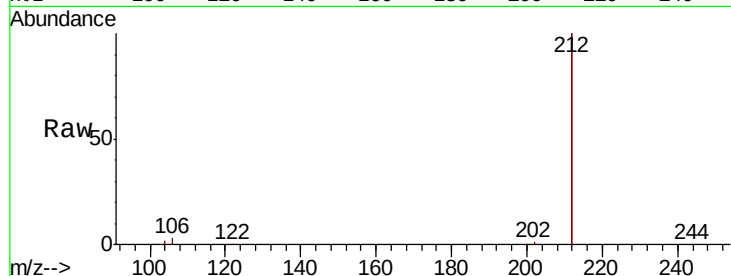
Tot Ion:212 Resp: 99924

Ion Ratio Lower Upper

212 100

106 1.9 1.5 2.3

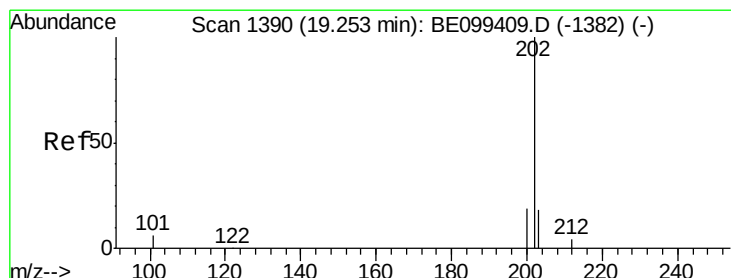
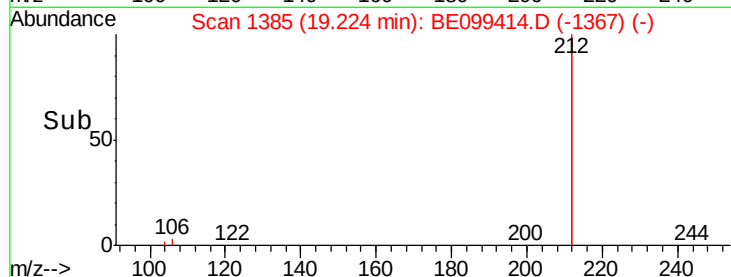
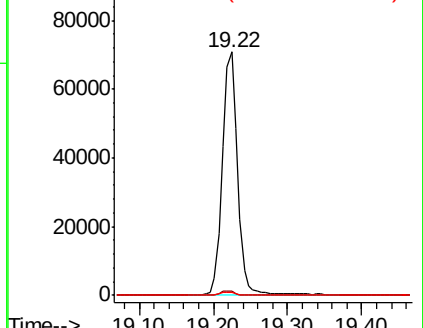
104 1.1 0.9 1.3



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: 0.409 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

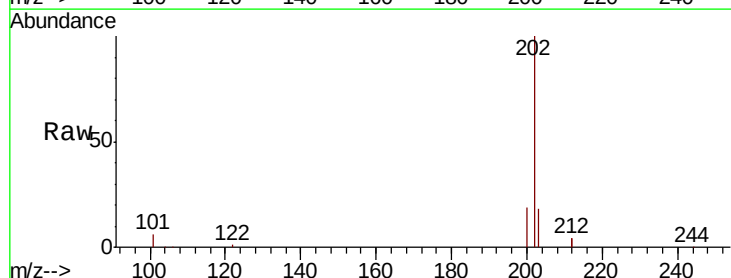
Tgt Ion:202 Resp: 28898

Ion Ratio Lower Upper

202 100

101 7.0 5.4 8.0

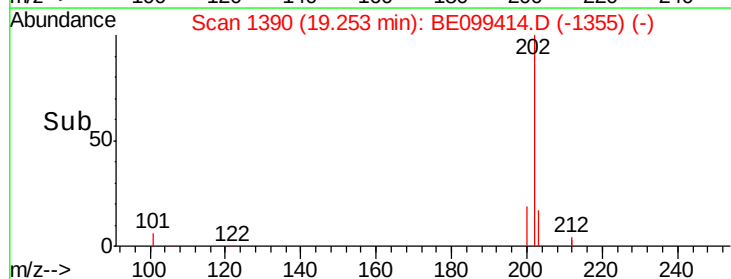
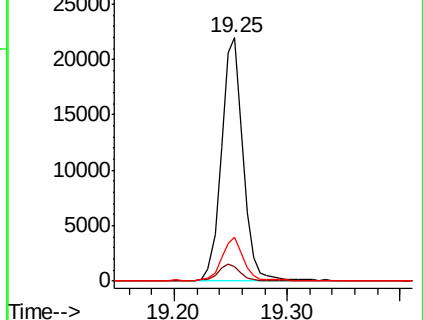
203 17.2 13.9 20.9

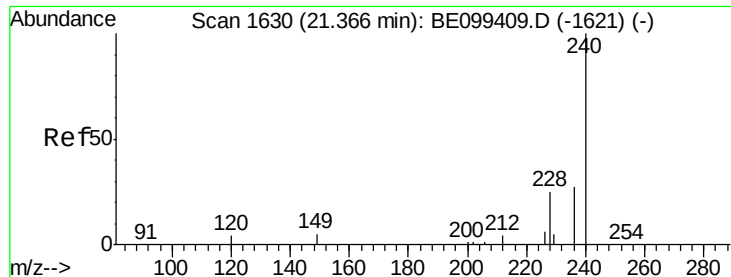


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

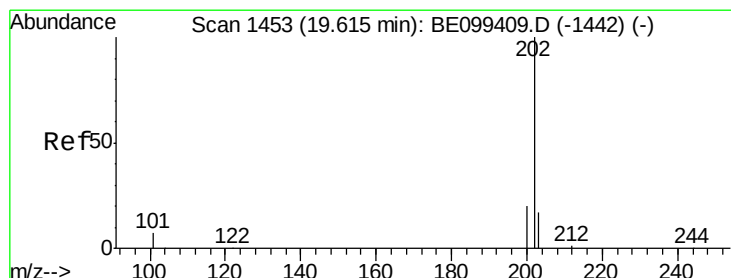
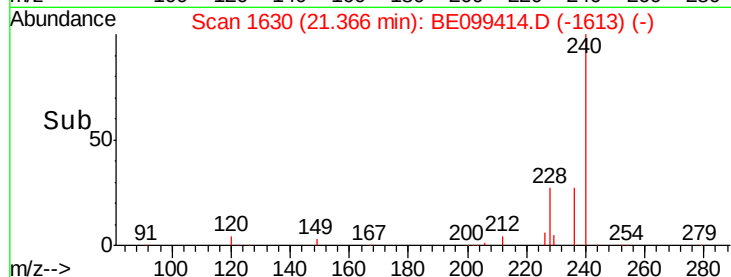
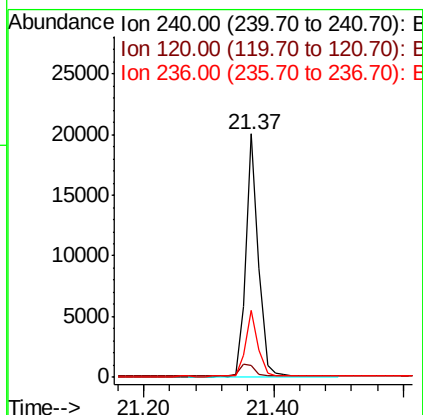
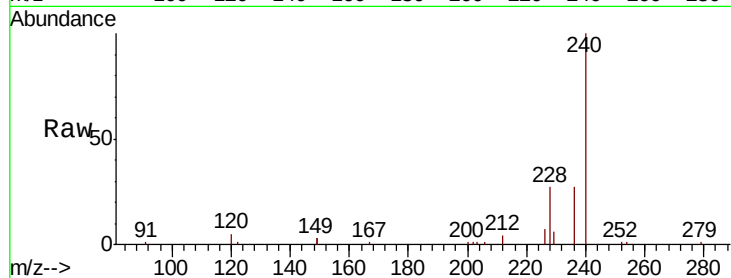




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099414.D
 Acq: 29 Apr 2019 18:38

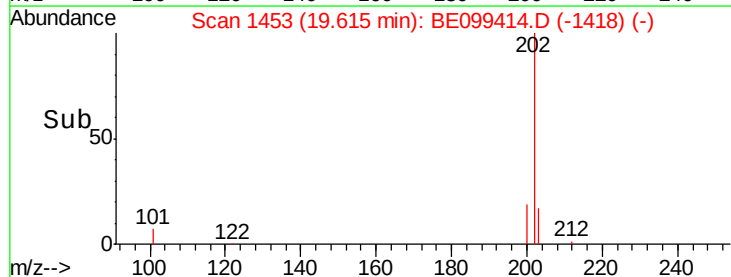
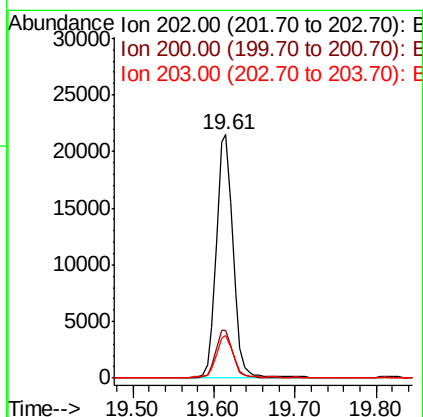
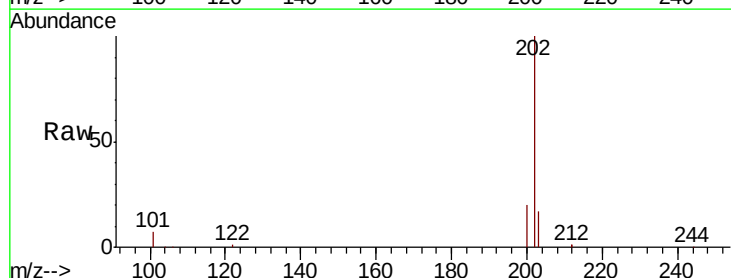
Instrument :
 BNA_E
 ClientSampled :

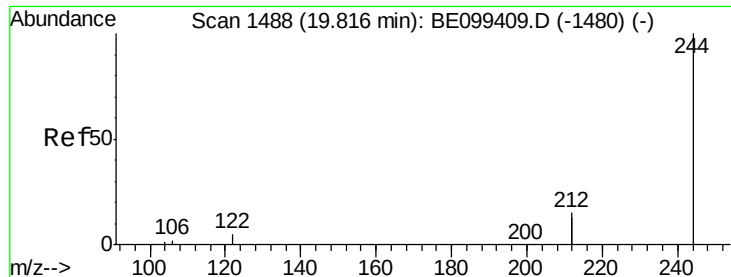
Tot Ion:240 Resp: 26690
 Ion Ratio Lower Upper
 240 100
 120 4.9 4.0 6.0
 236 27.4 22.0 33.0



#28
 Pyrene
 Concen: 0.435 ng
 RT: 19.61 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BE099414.D
 Acq: 29 Apr 2019 18:38

Tgt Ion:202 Resp: 30272
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.7 23.5
 203 17.3 13.9 20.9





#29

Terphenyl-d14

Concen: 0.436 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampleId :

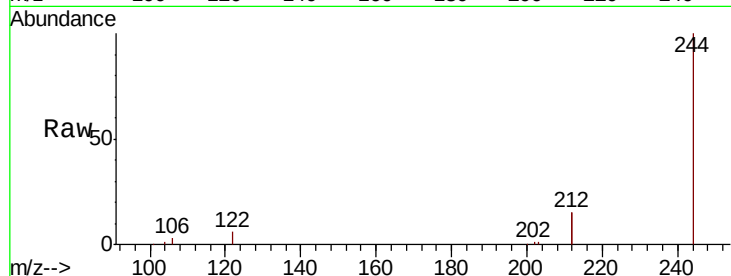
Tot Ion:244 Resp: 21320

Ion Ratio Lower Upper

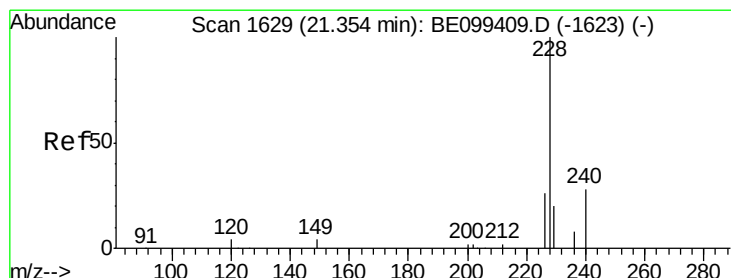
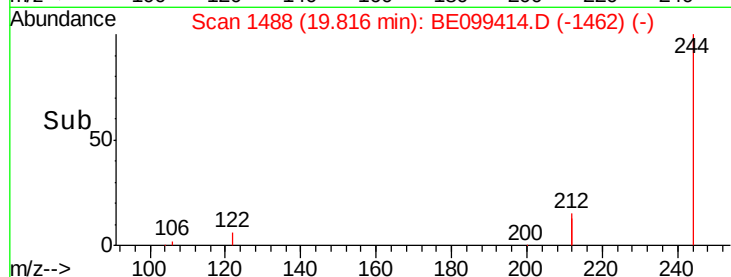
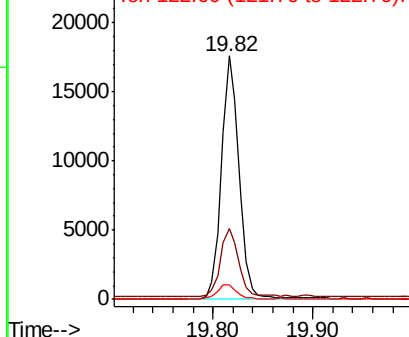
244 100

212 29.1 23.2 34.8

122 6.2 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: 0.441 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

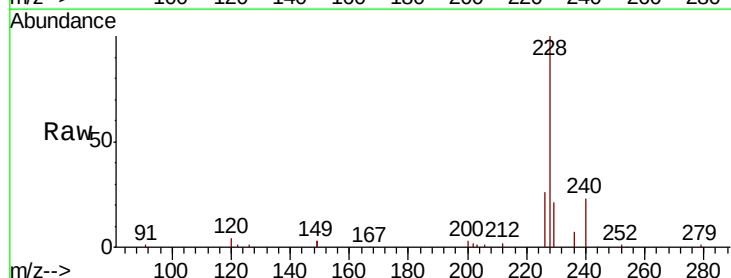
Tgt Ion:228 Resp: 37532

Ion Ratio Lower Upper

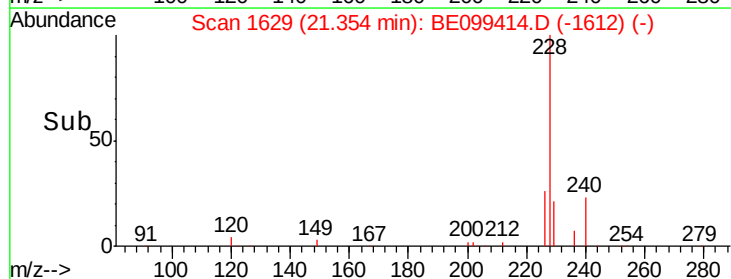
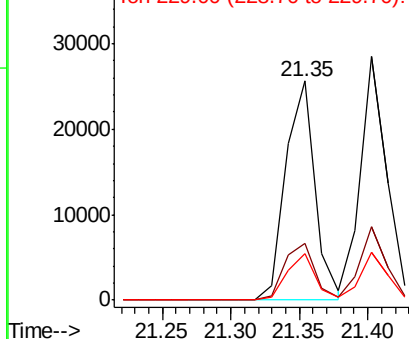
228 100

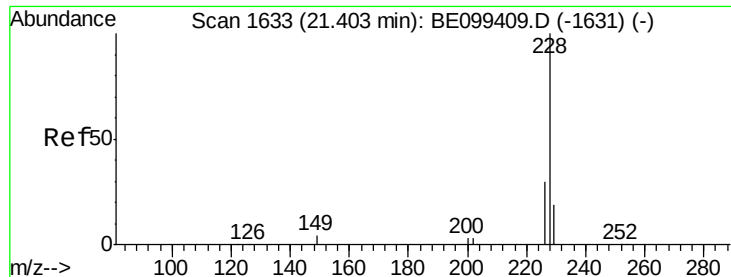
226 25.9 21.0 31.6

229 21.0 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: 0.455 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampled :

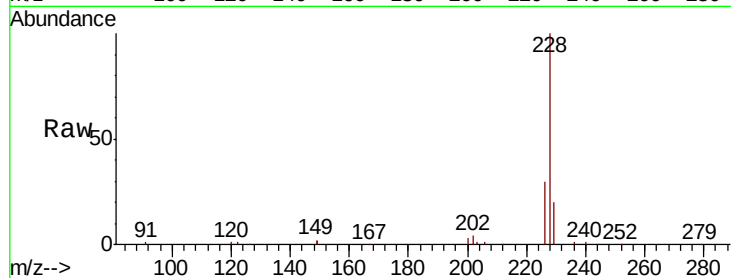
Tot Ion:228 Resp: 37845

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

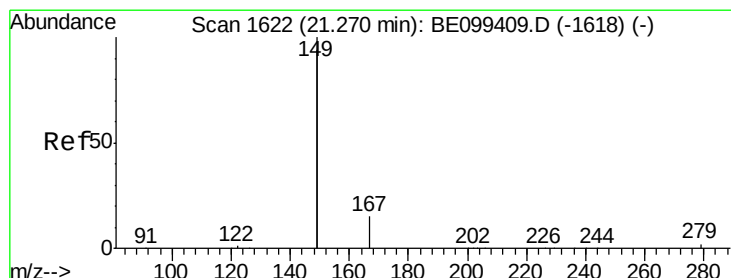
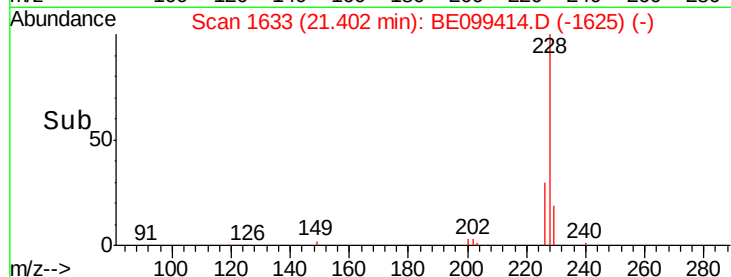
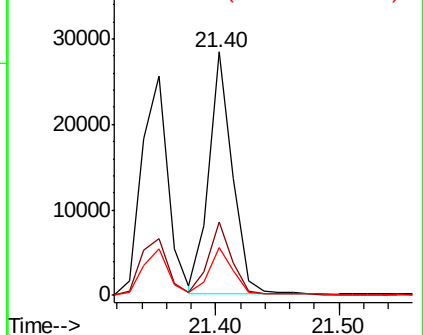
229 19.7 15.8 23.8



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: 0.406 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

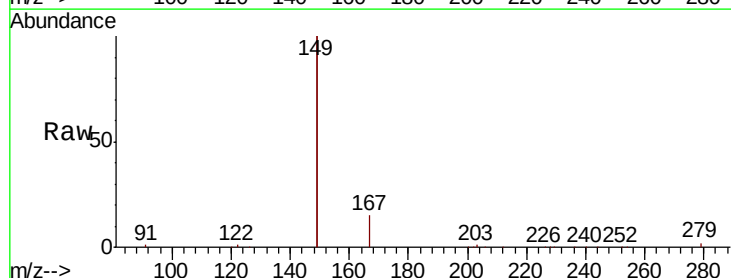
Tgt Ion:149 Resp: 57354

Ion Ratio Lower Upper

149 100

167 7.5 5.8 8.6

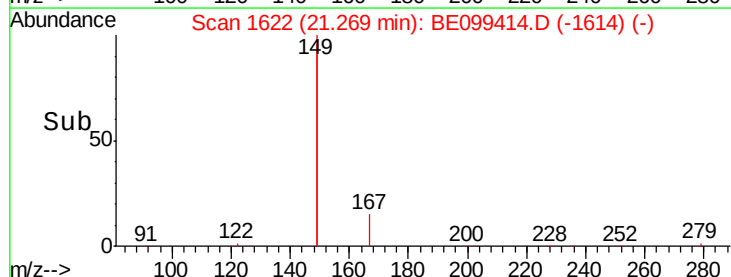
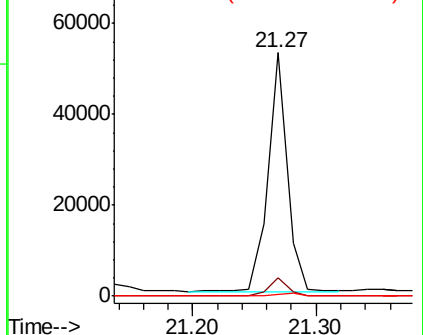
279 1.5 1.0 1.6

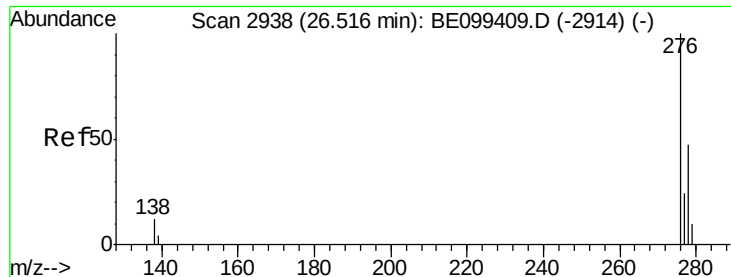


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.445 ng

RT: 26.52 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampleId :

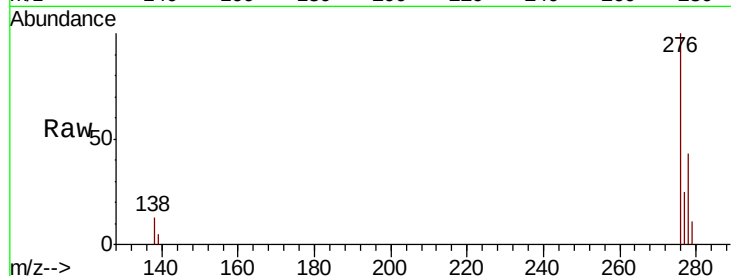
Tot Ion:276 Resp: 43788

Ion Ratio Lower Upper

276 100

138 12.8 10.2 15.2

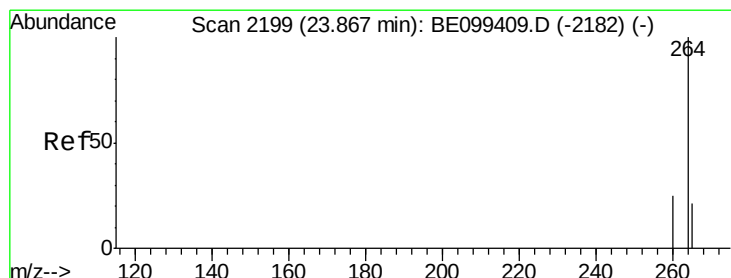
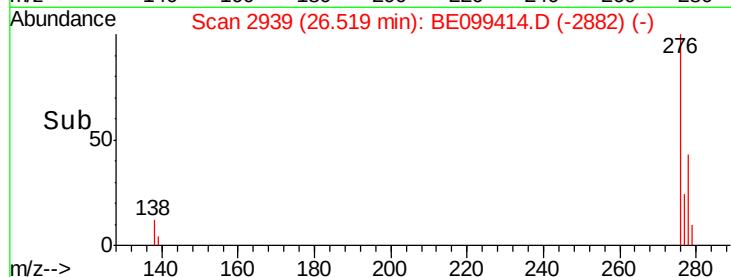
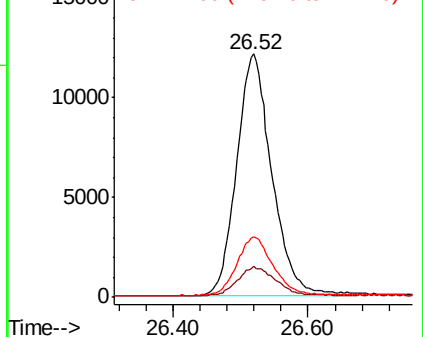
277 24.2 19.2 28.8



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: 23.87 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

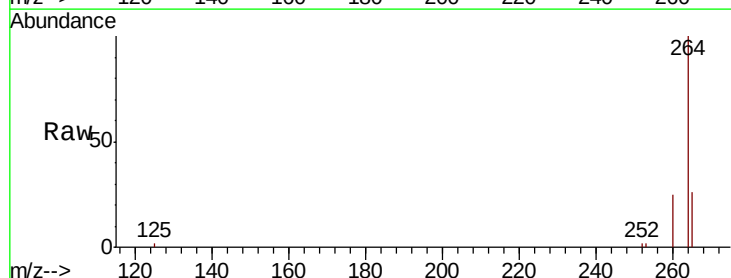
Tgt Ion:264 Resp: 31622

Ion Ratio Lower Upper

264 100

260 24.7 20.2 30.2

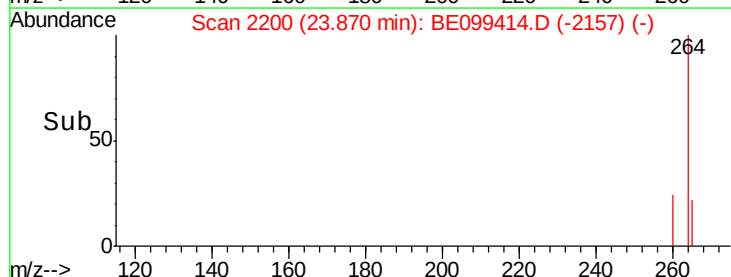
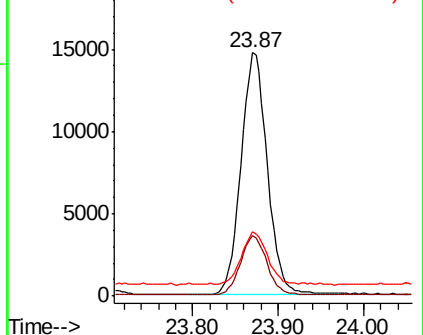
265 26.3 21.3 31.9

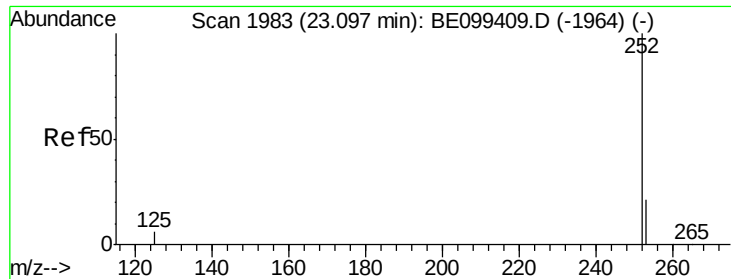


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

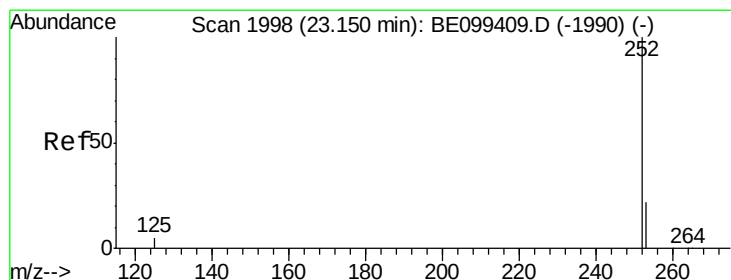
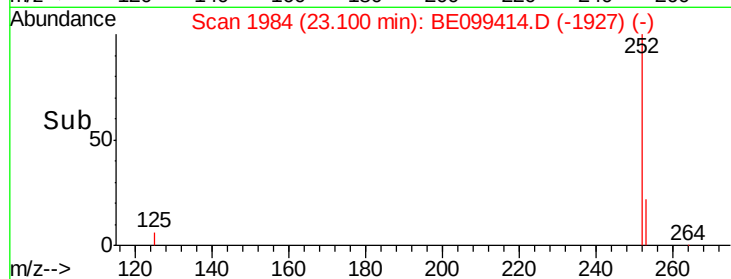
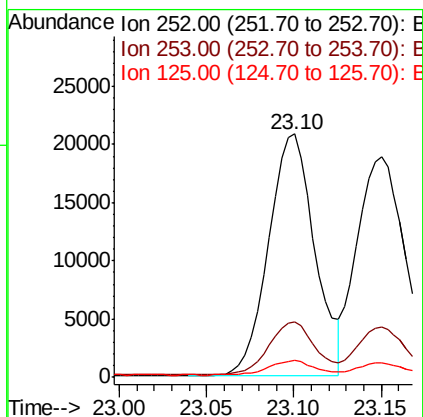
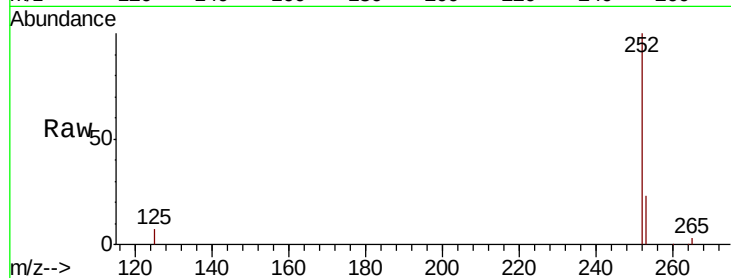




#35
Benzo(b)fluoranthene
Concen: 0.419 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

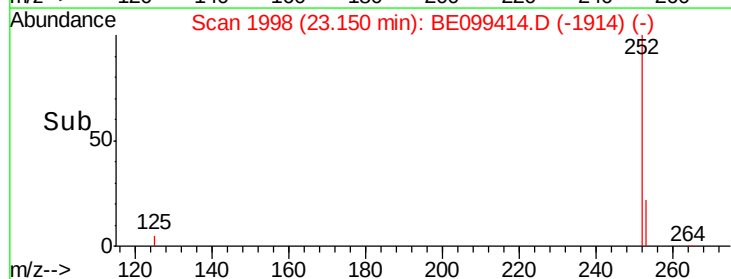
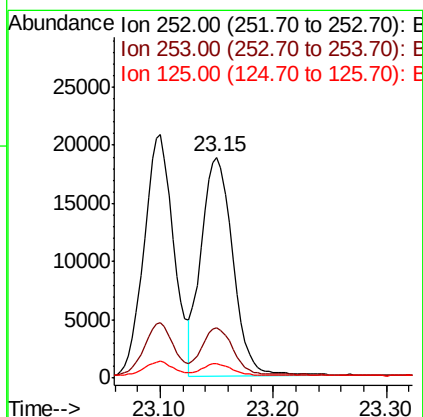
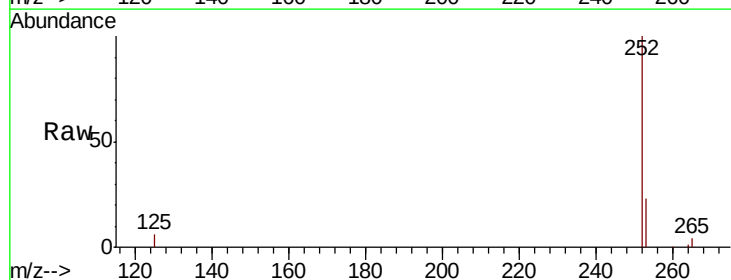
Instrument :
BNA_E
ClientSampleId :

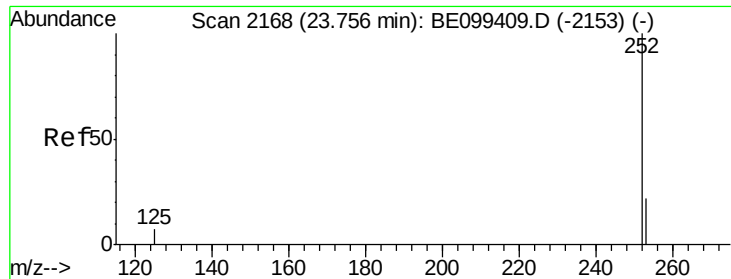
Tot Ion:252 Resp: 38222
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 6.9 5.6 8.4



#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:252 Resp: 36441
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 6.3 5.0 7.4

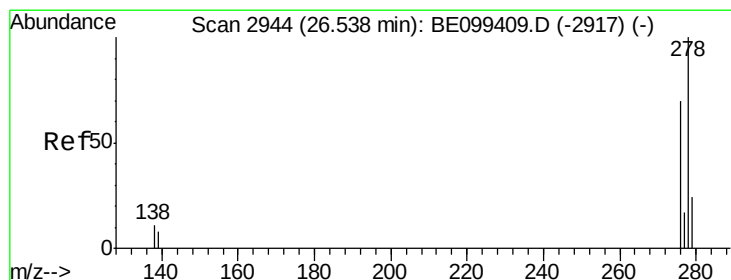
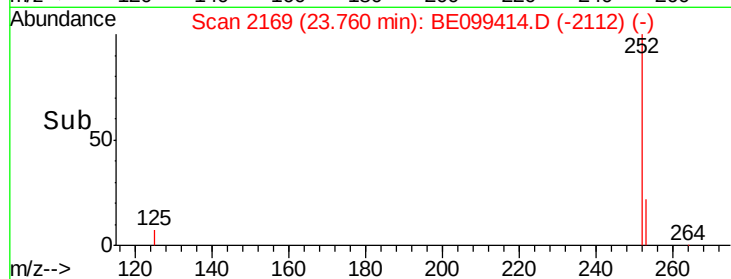
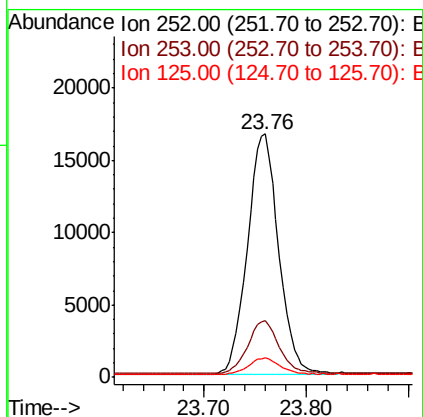
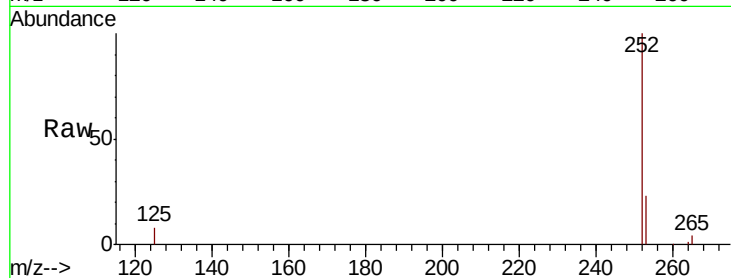




#37
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.76 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

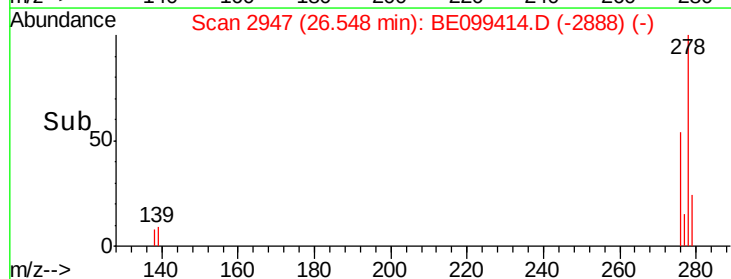
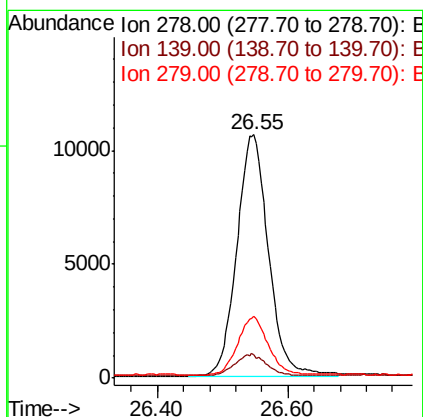
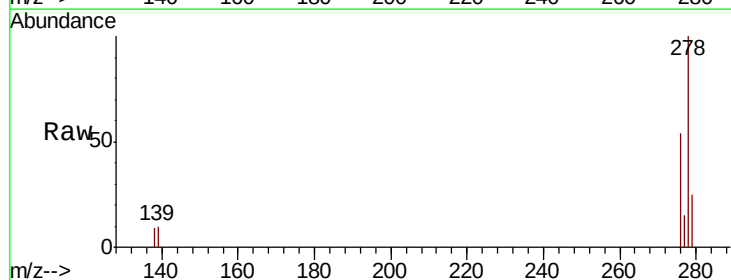
Instrument :
BNA_E
ClientSampleId :

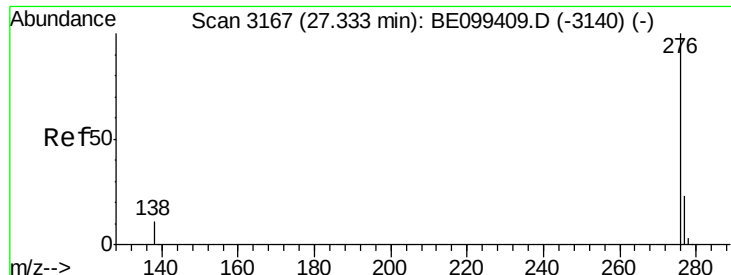
Tot Ion:252 Resp: 35550
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 8.0 6.7 10.1



#38
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 26.55 min Scan# 2947
Delta R.T. 0.01 min
Lab File: BE099414.D
Acq: 29 Apr 2019 18:38

Tgt Ion:278 Resp: 35822
Ion Ratio Lower Upper
278 100
139 9.8 7.7 11.5
279 25.2 20.2 30.2





#39

Benzo(a,h,i)perylene

Concen: 0.411 ng

RT: 27.34 min Scan# 3168

Delta R.T. 0.00 min

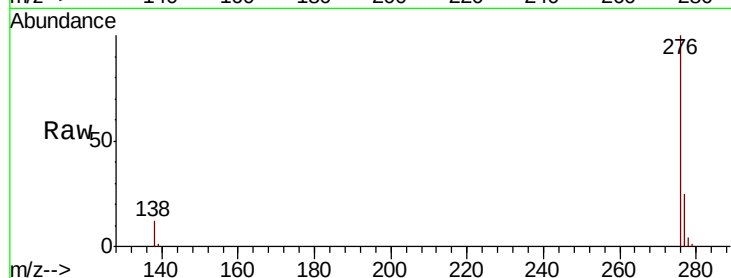
Lab File: BE099414.D

Acq: 29 Apr 2019 18:38

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 36352

Ion Ratio Lower Upper

276 100

277 24.7 19.5 29.3

138 11.9 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

