

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050219\
 Data File : BE099528.D
 Acq On : 3 May 2019 12:42
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 03 13:25:57 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	7.80	152	2213	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	8493	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6508	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	20346	0.40	ng	0.00
27) Chrysene-d12	21.37	240	25387	0.40	ng	0.00
34) Perylene-d12	23.87	264	29004	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2820	0.46	ng	0.00
5) Phenol-d6	6.97	99	3938	0.48	ng	0.00
8) Nitrobenzene-d5	8.96	82	3394	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	6099	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2078	0.51	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	10184	0.41	ng	-0.01
25) Fluoranthene-d10	19.22	212	106532	0.39	ng	0.00
29) Terphenyl-d14	19.82	244	22950	0.49	ng	0.00

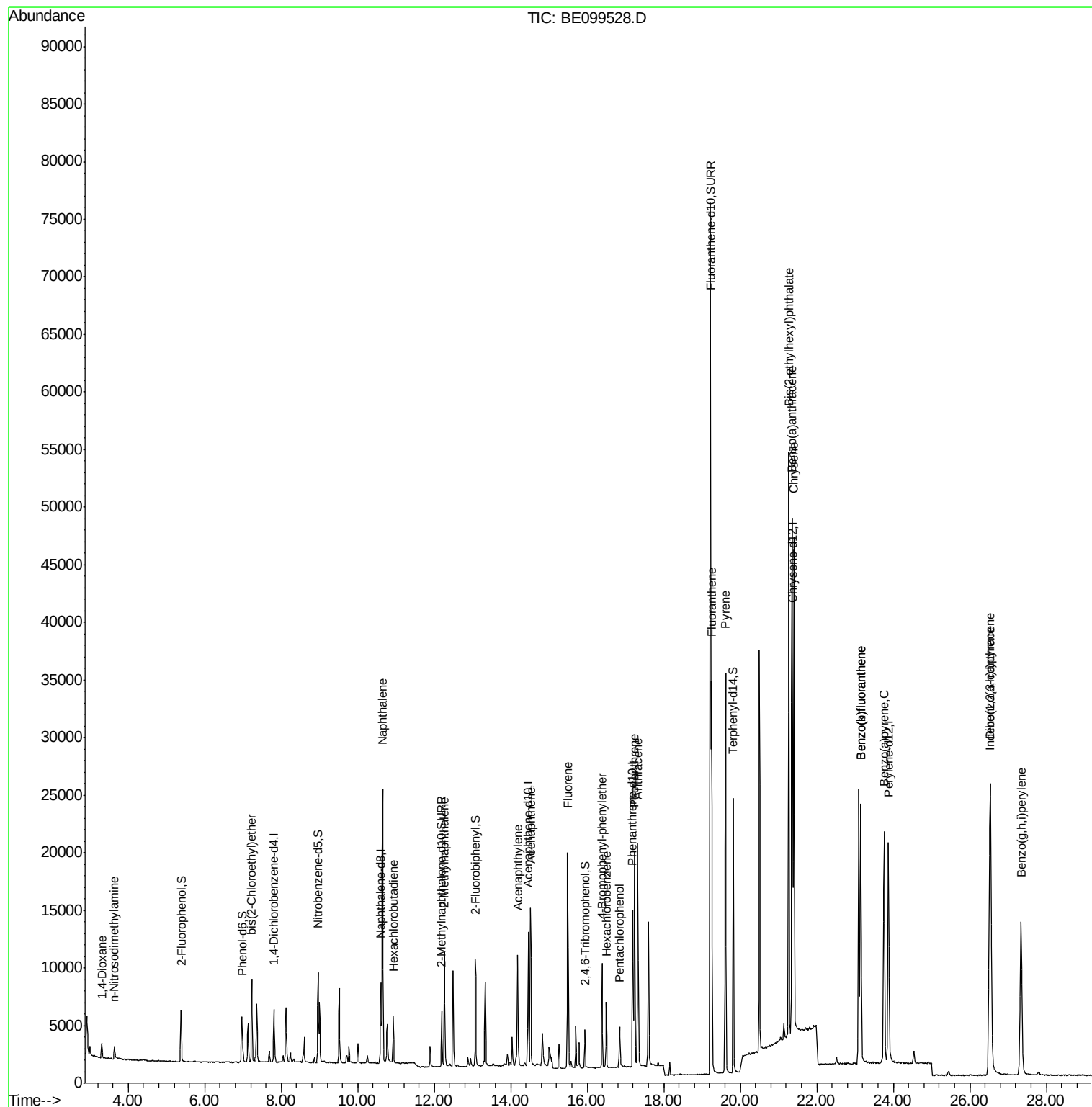
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	1157	0.380	ng	97
3) n-Nitrosodimethylamine	3.63	42	847	0.462	ng	# 85
6) bis(2-Chloroethyl)ether	7.23	93	2875	0.410	ng	96
9) Naphthalene	10.65	128	39083	0.422	ng	100
10) Hexachlorobutadiene	10.93	225	2797	0.434	ng	96
12) 2-Methylnaphthalene	12.27	142	6651	0.413	ng	99
16) Acenaphthylene	14.18	152	13000	0.408	ng	99
17) Acenaphthene	14.51	154	7306	0.402	ng	99
18) Fluorene	15.49	166	11123	0.415	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	4641	0.392	ng	98
21) Hexachlorobenzene	16.49	284	4683	0.415	ng	99
22) Pentachlorophenol	16.84	266	2207	0.541	ng	93
23) Phenanthrene	17.23	178	21182	0.403	ng	99
24) Anthracene	17.32	178	20232	0.404	ng	99
26) Fluoranthene	19.25	202	31607	0.402	ng	99
28) Pyrene	19.62	202	32770	0.495	ng	100
30) Benzo(a)anthracene	21.35	228	36511	0.451	ng	99
31) Chrysene	21.40	228	35920	0.454	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	57878	0.436	ng	100
33) Indeno(1,2,3-cd)pyrene	26.52	276	42194	0.451	ng	100
35) Benzo(b)fluoranthene	23.15	252	33623	0.402	ng	99
36) Benzo(k)fluoranthene	23.15	252	33623	0.417	ng	100
37) Benzo(a)pyrene	23.76	252	33777	0.427	ng	# 97
38) Dibenzo(a,h)anthracene	26.54	278	34168	0.422	ng	100
39) Benzo(g,h,i)perylene	27.34	276	34179	0.422	ng	99

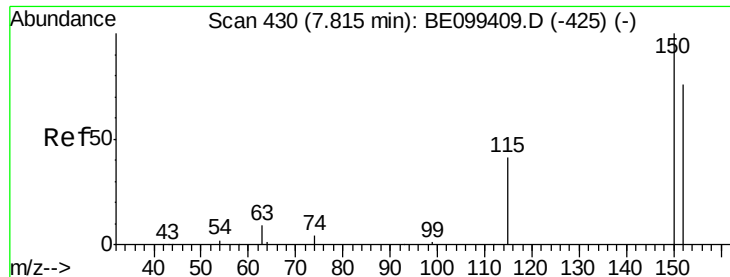
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

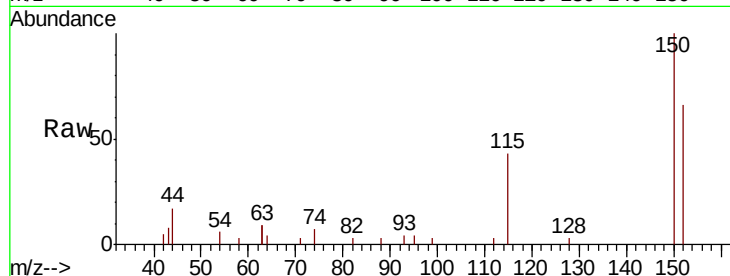
Tot Ion:152 Resp: 2213

Ion Ratio Lower Upper

152 100

150 151.5 104.8 157.2

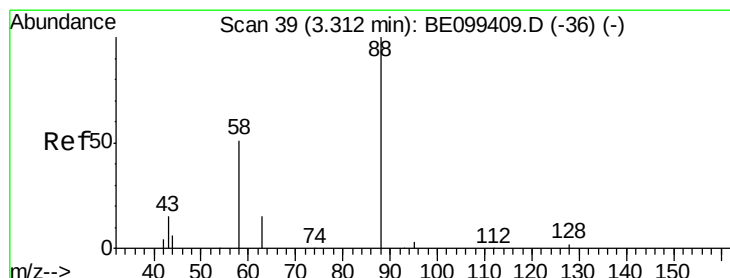
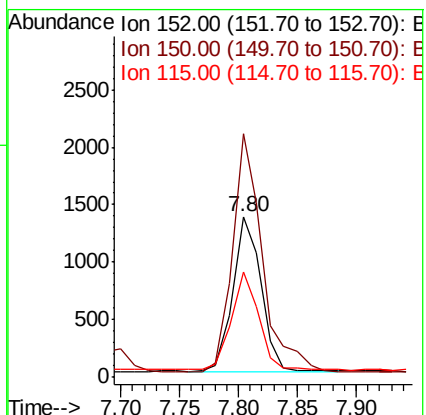
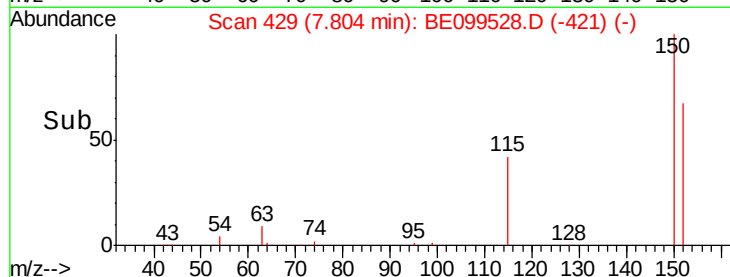
115 65.8 46.6 69.8



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: 0.380 ng

RT: 3.31 min Scan# 39

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

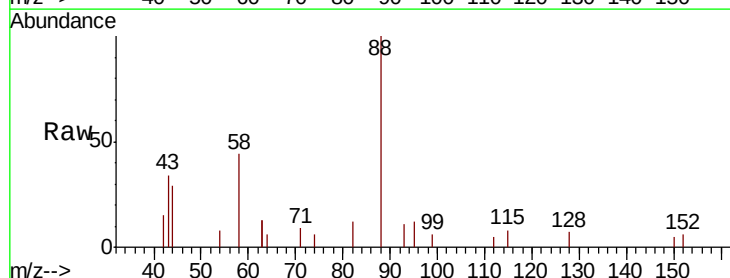
Tgt Ion: 88 Resp: 1157

Ion Ratio Lower Upper

88 100

58 62.1 51.0 76.6

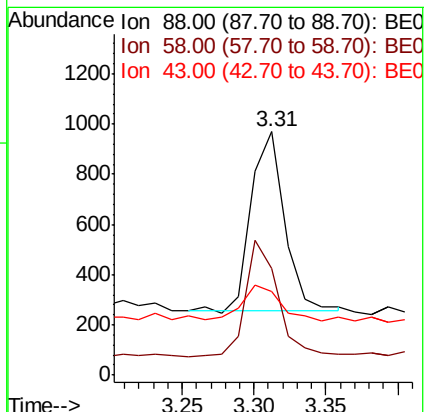
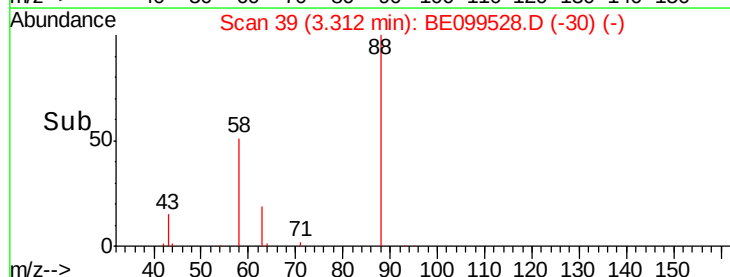
43 22.6 20.6 30.8

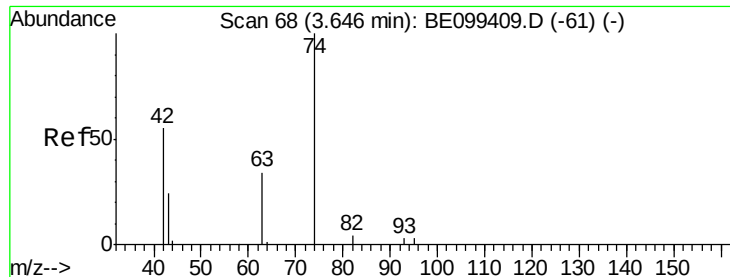


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



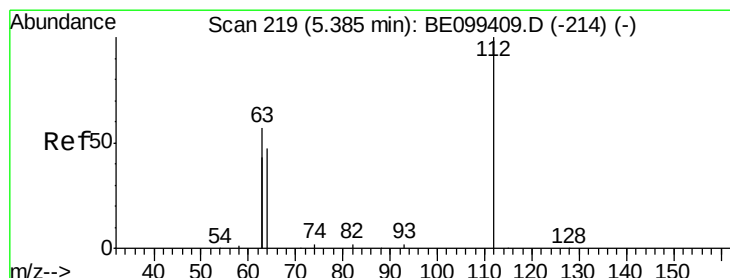
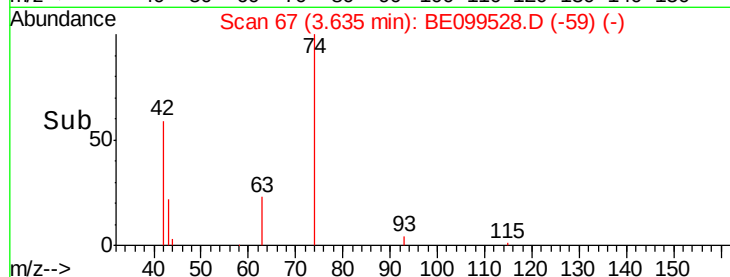
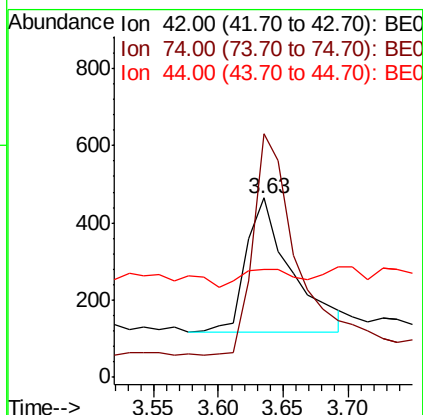
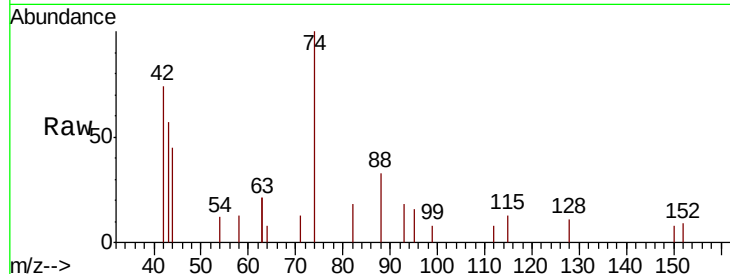


#3

n-Nitrosodimethylamine
 Concen: 0.462 ng
 RT: 3.63 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BE099528.D
 Acq: 3 May 2019 12:42

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

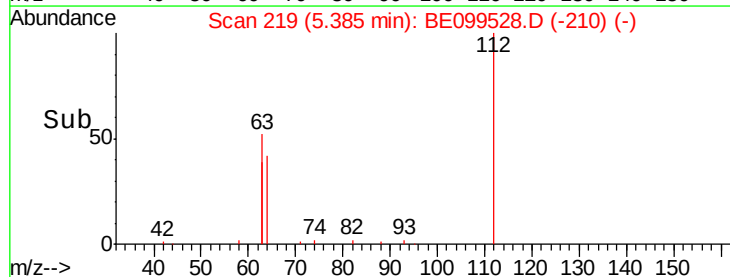
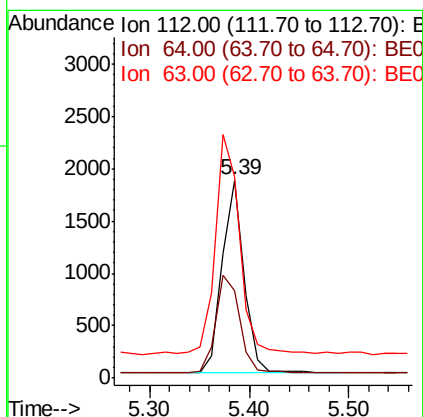
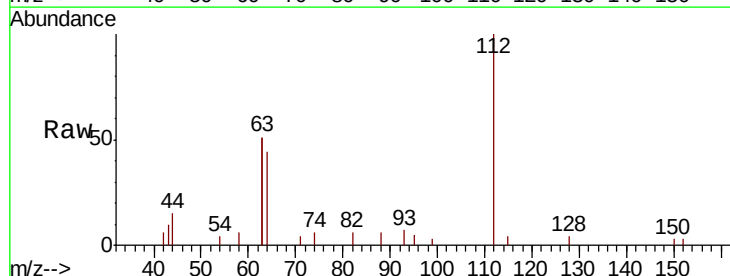
Tot Ion: 42 Resp: 847
 Ion Ratio Lower Upper
 42 100
 74 156.2 141.6 212.4
 44 16.1 0.0 0.0#

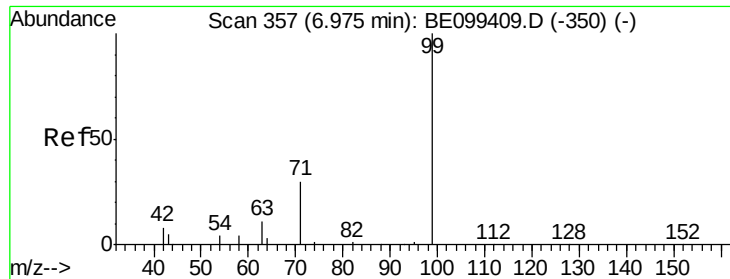


#4

2-Fluorophenol
 Concen: 0.461 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099528.D
 Acq: 3 May 2019 12:42

Tgt Ion: 112 Resp: 2820
 Ion Ratio Lower Upper
 112 100
 64 56.3 47.4 71.0
 63 125.9 104.3 156.5





#5

Phenol-d6

Concen: 0.484 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

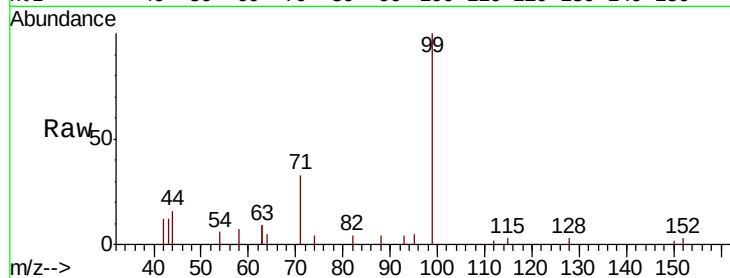
Tot Ion: 99 Resp: 3938

Ion Ratio Lower Upper

99 100

42 16.0 14.9 22.3

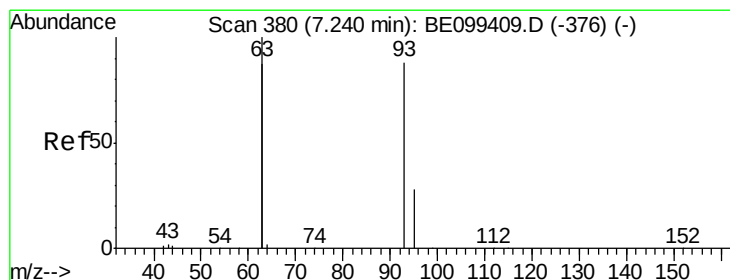
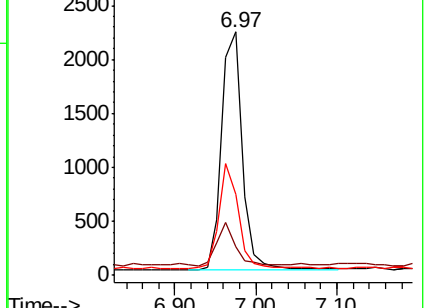
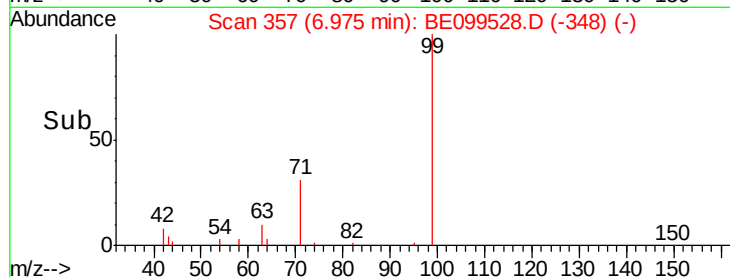
71 39.8 33.0 49.6



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: 0.410 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

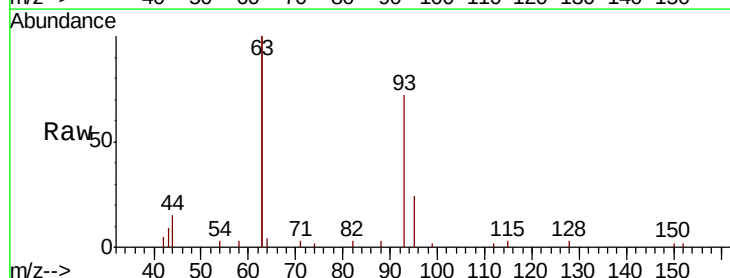
Tgt Ion: 93 Resp: 2875

Ion Ratio Lower Upper

93 100

63 262.1 215.6 323.4

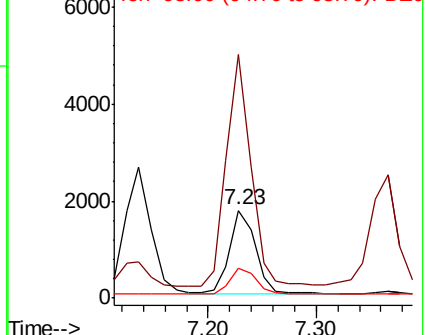
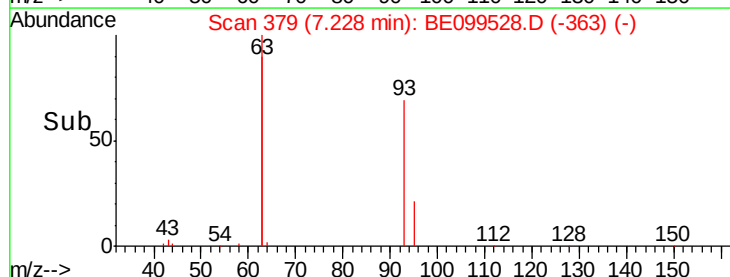
95 32.8 26.2 39.2

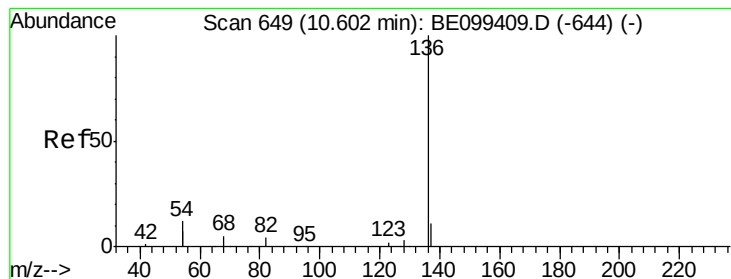


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 8493

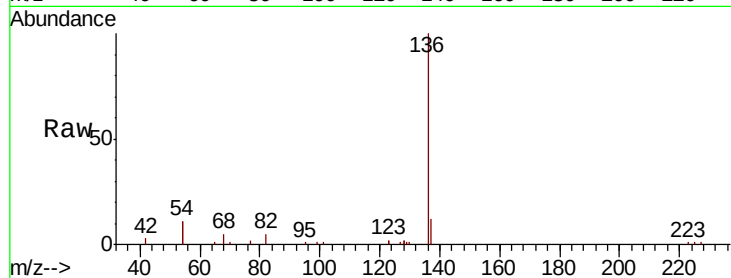
Ion Ratio Lower Upper

136 100

137 11.6 9.8 14.8

54 22.1 18.5 27.7

68 5.3 4.7 7.1

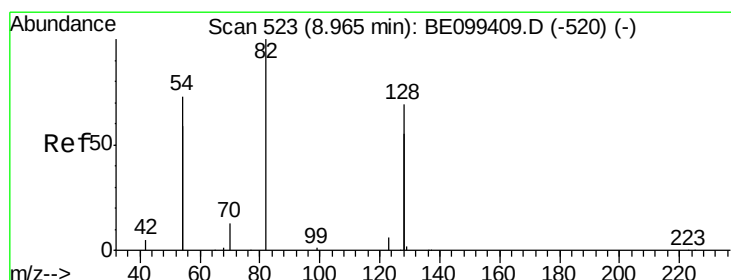
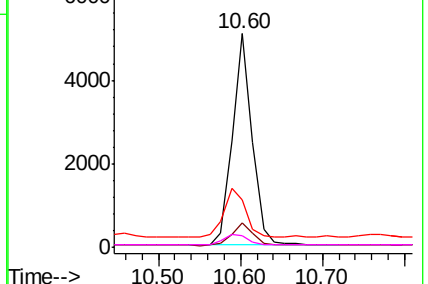
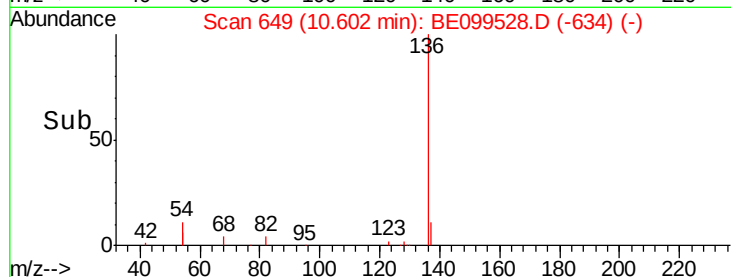


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.426 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

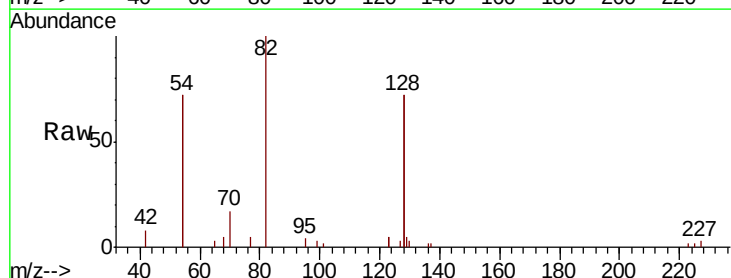
Tgt Ion: 82 Resp: 3394

Ion Ratio Lower Upper

82 100

128 143.2 107.0 160.4

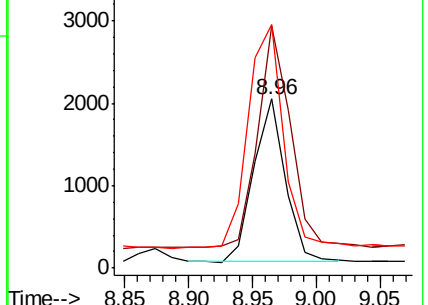
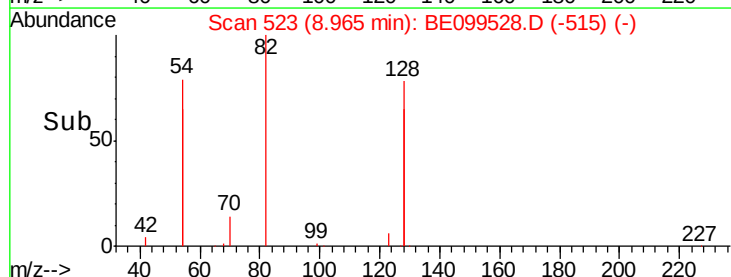
54 144.2 113.1 169.7

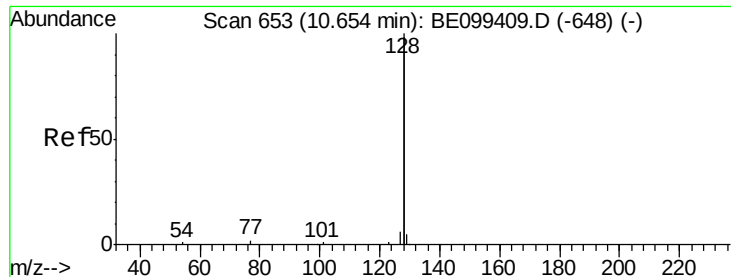


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.422 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

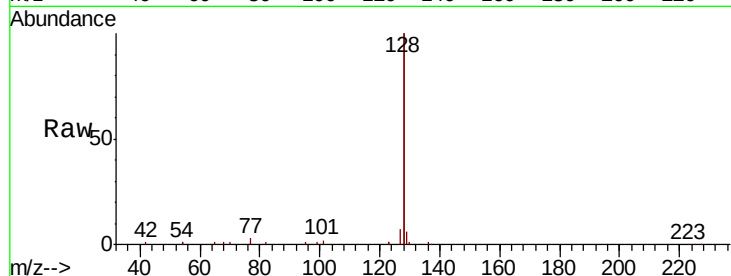
Tot Ion:128 Resp: 39083

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

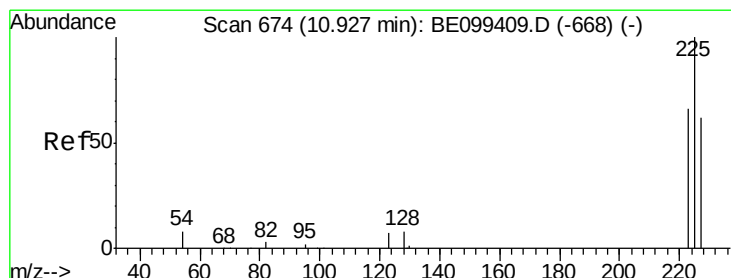
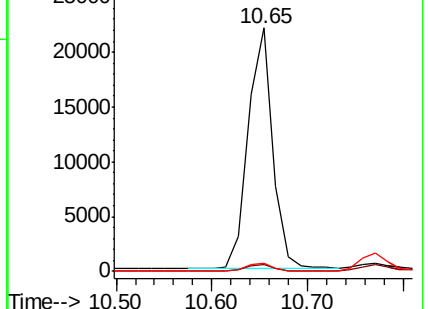
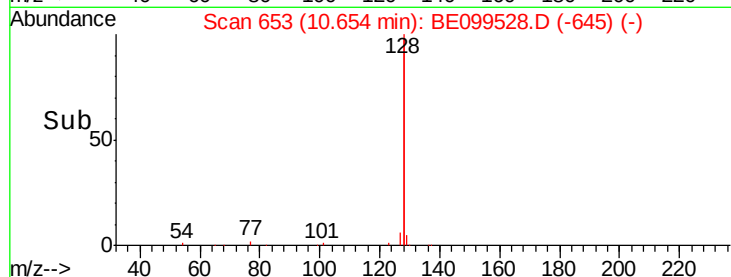
127 3.4 2.8 4.2



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: 0.434 ng

RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

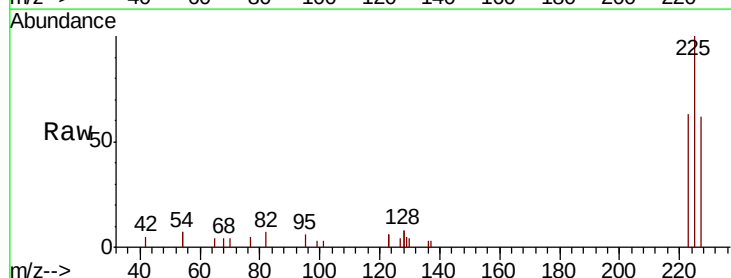
Tgt Ion:225 Resp: 2797

Ion Ratio Lower Upper

225 100

223 61.0 51.0 76.6

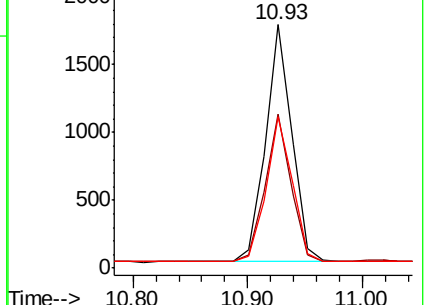
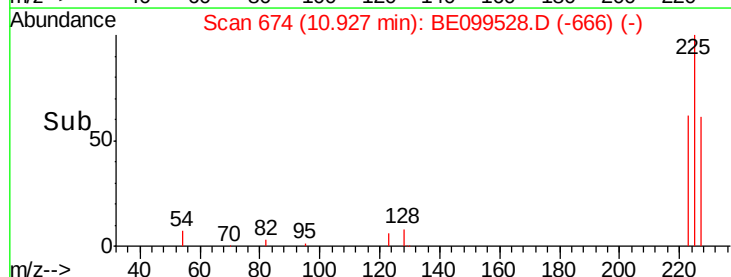
227 60.7 50.9 76.3

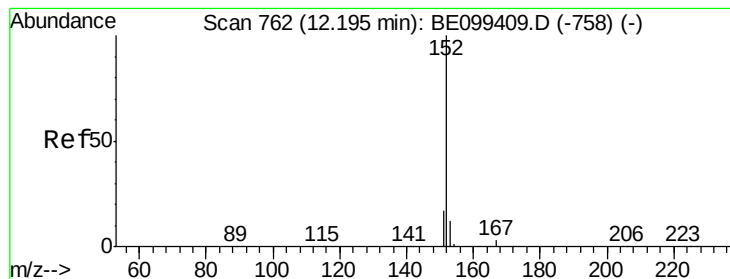


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

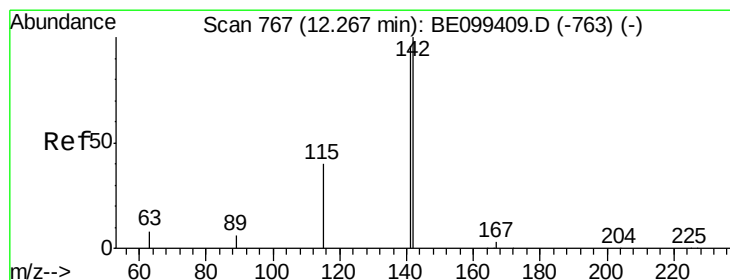
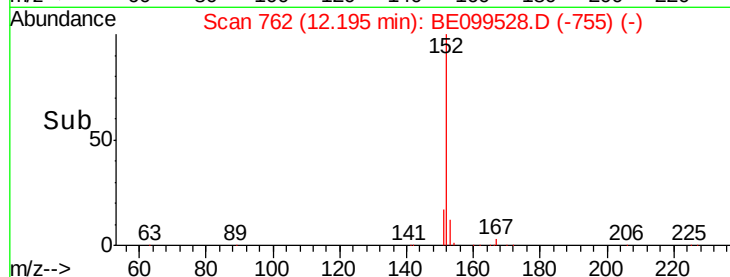
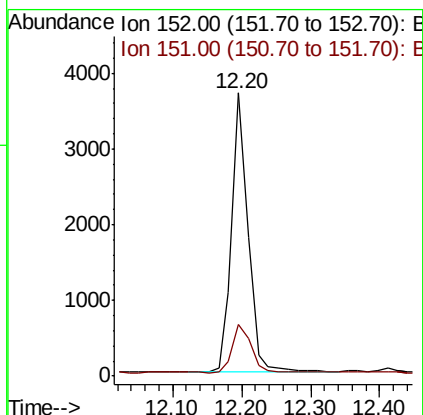
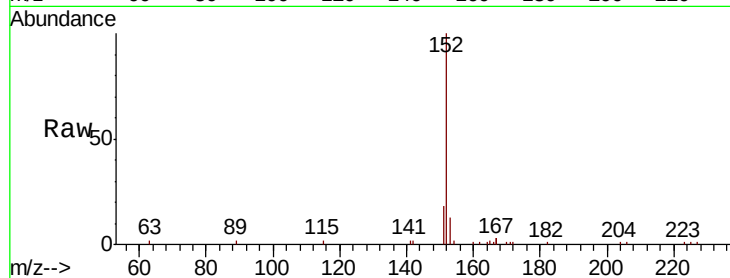




#11
 2-Methylnaphthalene-d10
 Concen: 0.399 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099528.D
 Acq: 3 May 2019 12:42

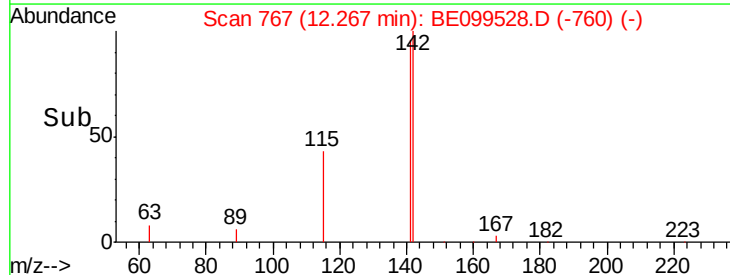
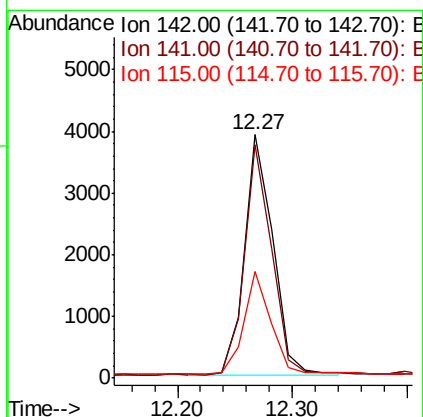
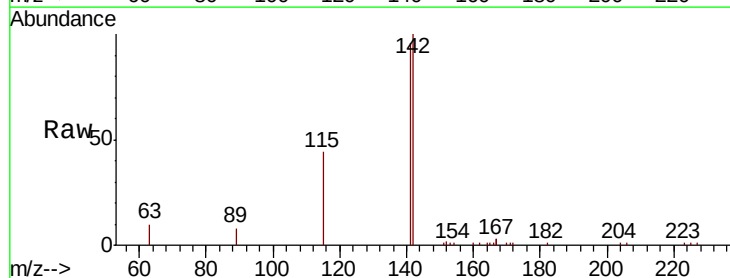
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

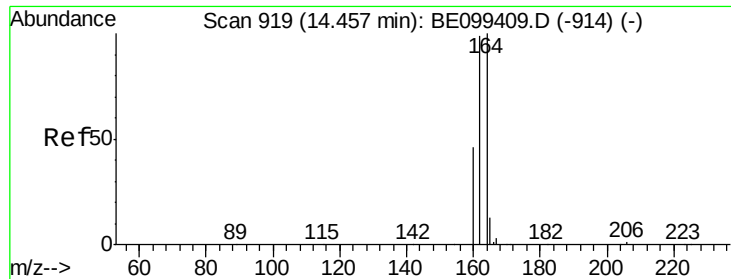
Tot Ion:152 Resp: 6099
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.413 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE099528.D
 Acq: 3 May 2019 12:42

Tgt Ion:142 Resp: 6651
 Ion Ratio Lower Upper
 142 100
 141 95.7 77.0 115.4
 115 43.7 33.4 50.0

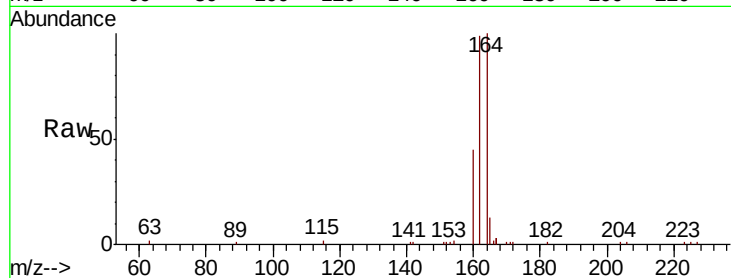




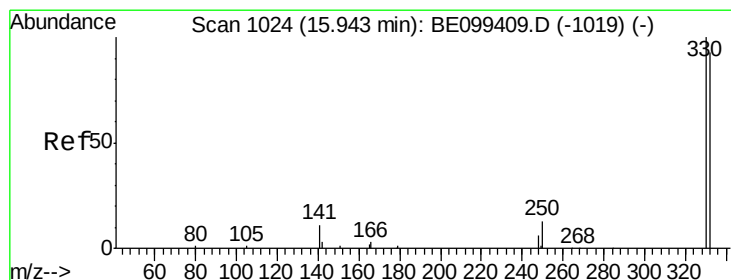
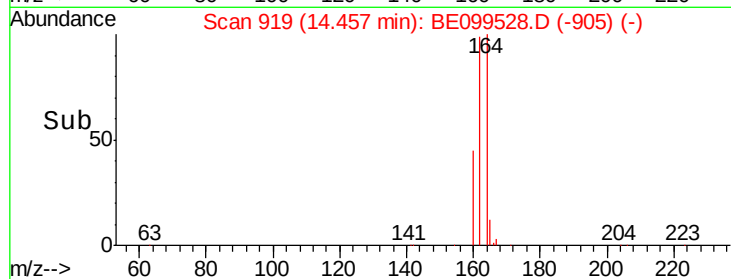
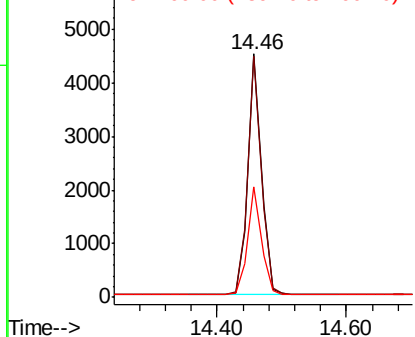
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 6508
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.4
160 45.2 37.0 55.4

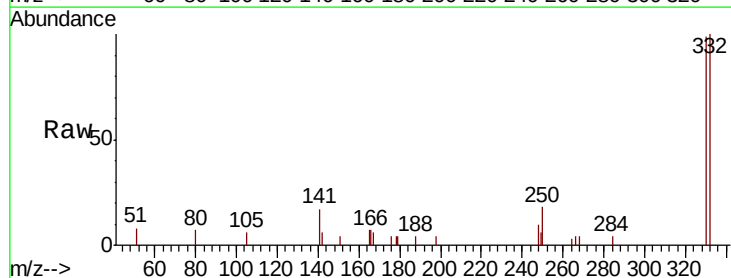


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

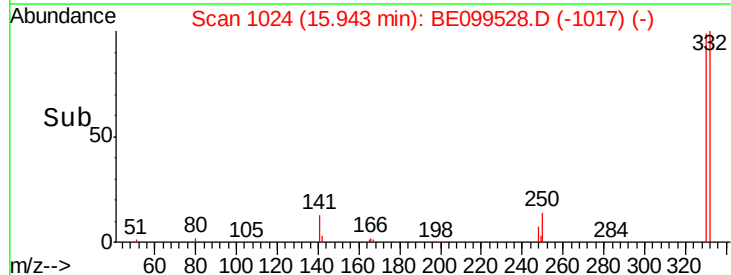
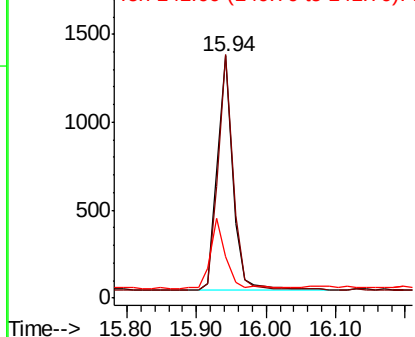


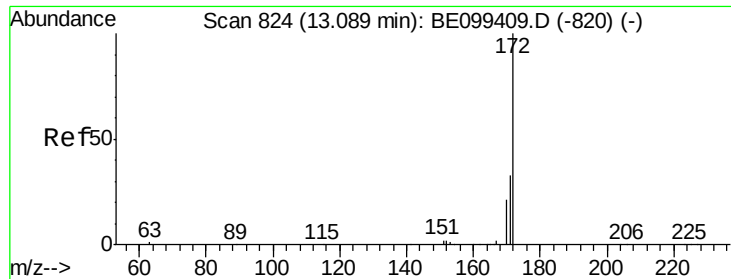
#14
2,4,6-Tribromophenol
Concen: 0.507 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

Tgt Ion:330 Resp: 2078
Ion Ratio Lower Upper
330 100
332 96.8 71.5 107.3
141 28.8 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

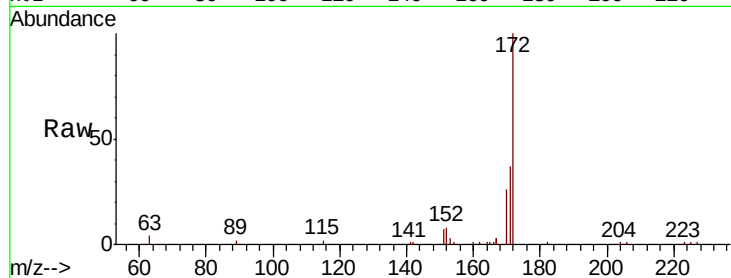




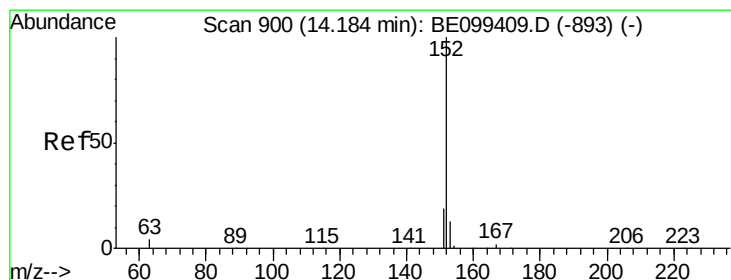
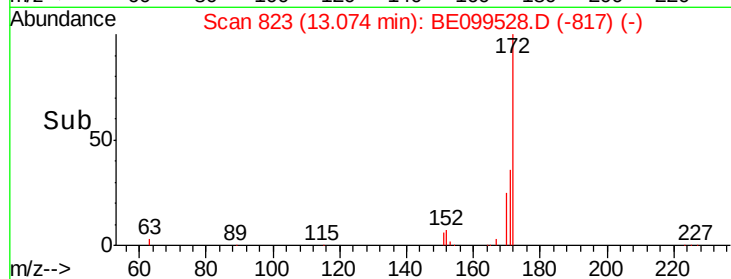
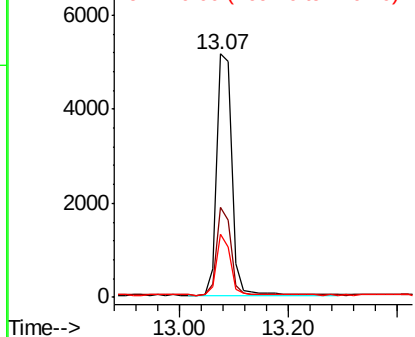
#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 10184
Ion Ratio Lower Upper
172 100
171 36.8 26.6 39.8
170 26.0 17.0 25.6#

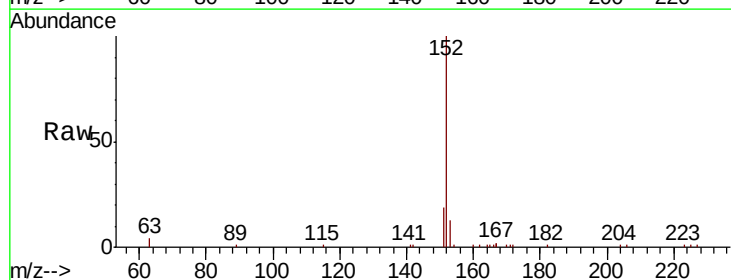


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

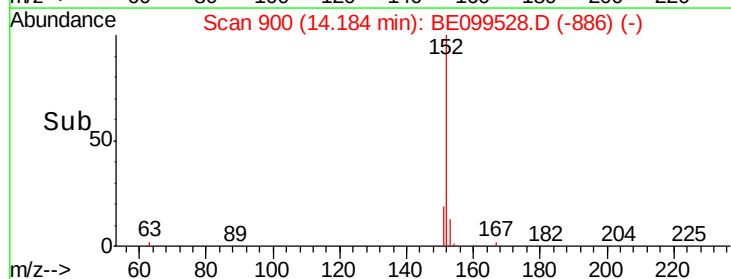
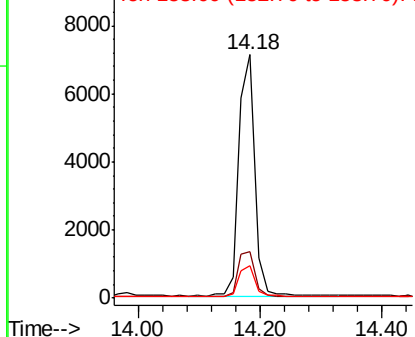


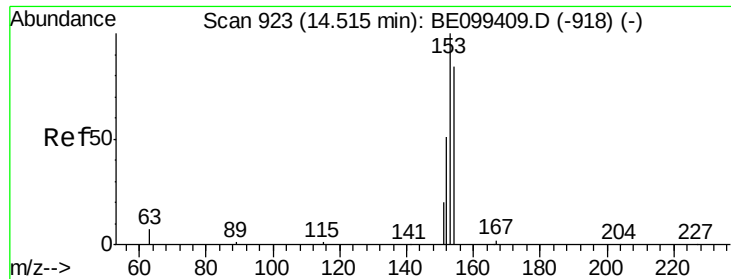
#16
Acenaphthylene
Concen: 0.408 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

Tgt Ion:152 Resp: 13000
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.2
153 12.8 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: 0.402 ng

RT: 14.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

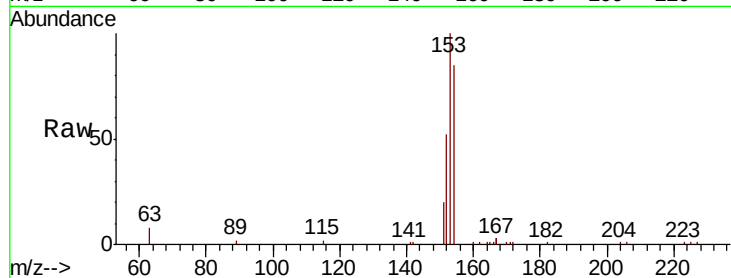
Tot Ion:154 Resp: 7306

Ion Ratio Lower Upper

154 100

153 117.0 92.6 138.8

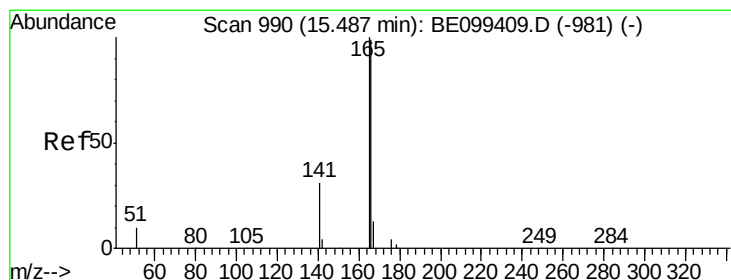
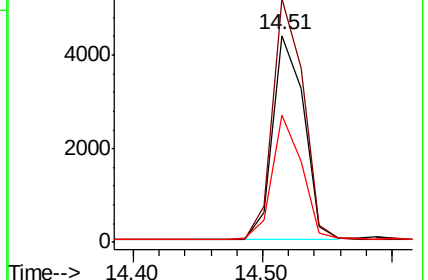
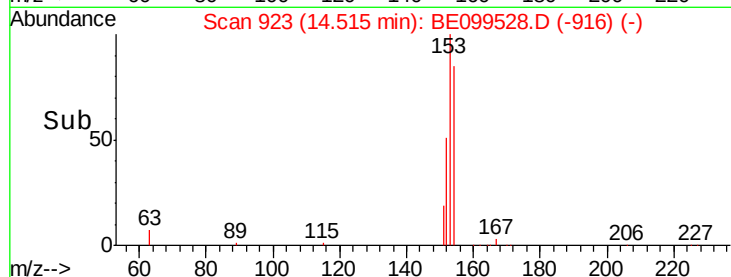
152 58.3 45.8 68.8



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: 0.415 ng

RT: 15.49 min Scan# 990

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

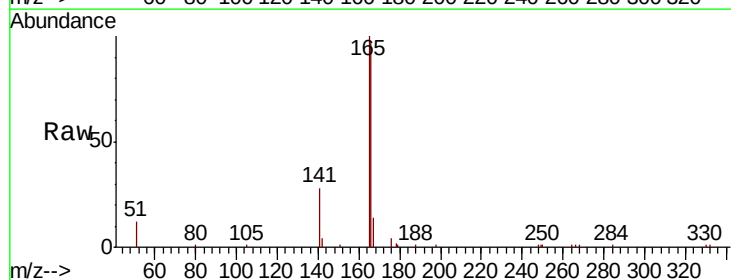
Tgt Ion:166 Resp: 11123

Ion Ratio Lower Upper

166 100

165 99.8 80.3 120.5

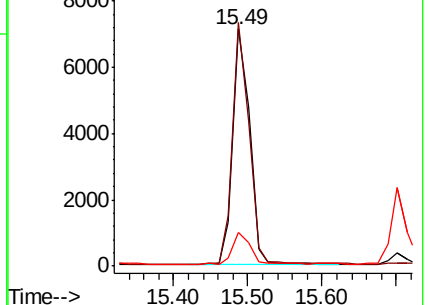
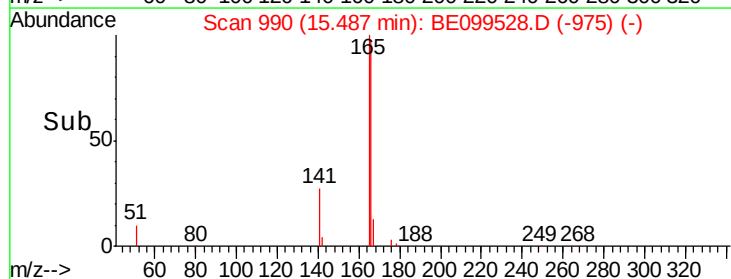
167 13.2 10.7 16.1

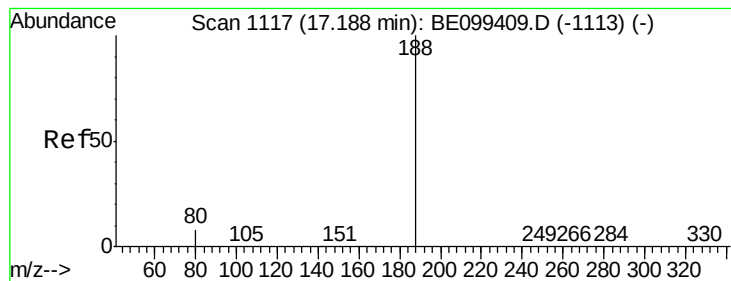


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

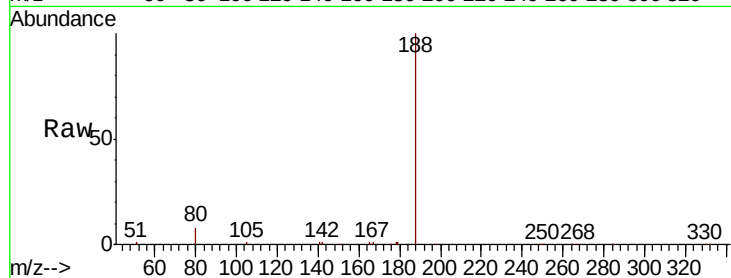
Tot Ion:188 Resp: 20346

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

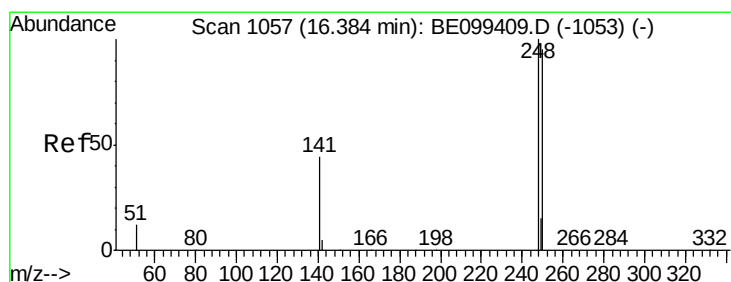
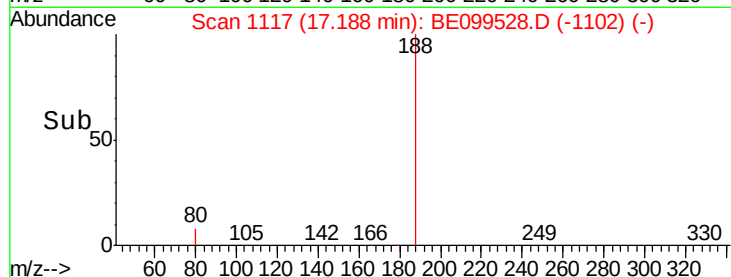
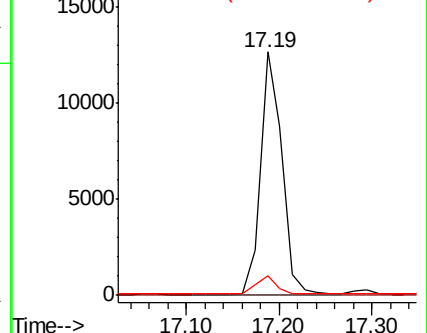
80 8.1 6.7 10.1



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: 0.392 ng

RT: 16.38 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

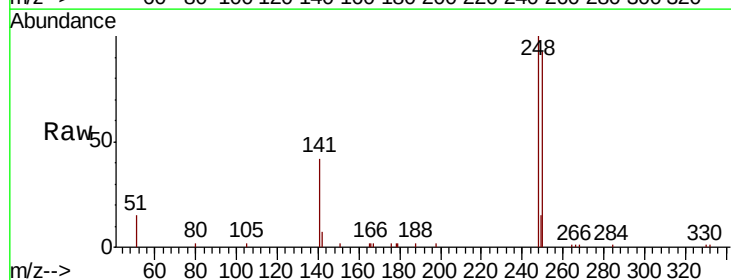
Tgt Ion:248 Resp: 4641

Ion Ratio Lower Upper

248 100

250 93.3 75.8 113.8

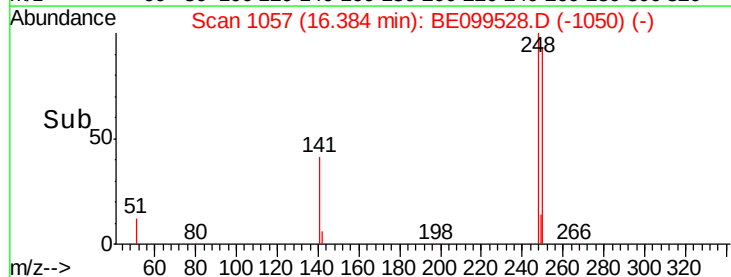
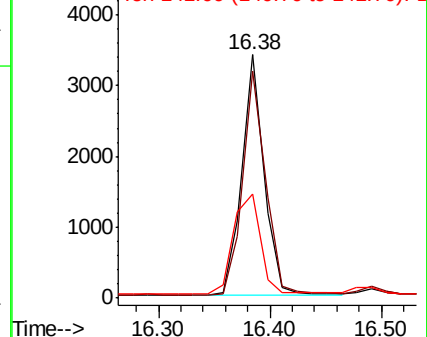
141 42.5 35.7 53.5

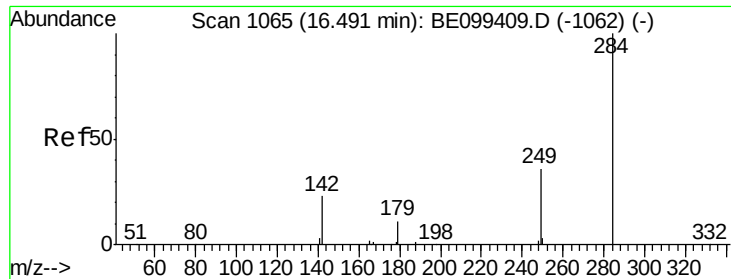


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

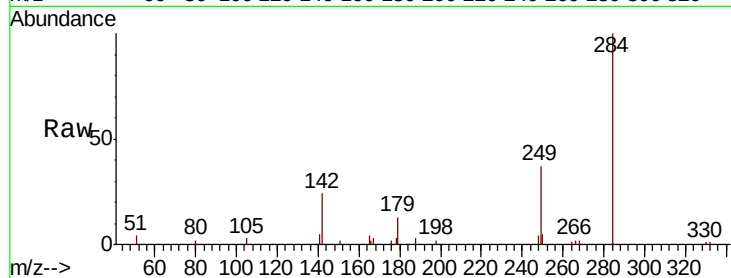




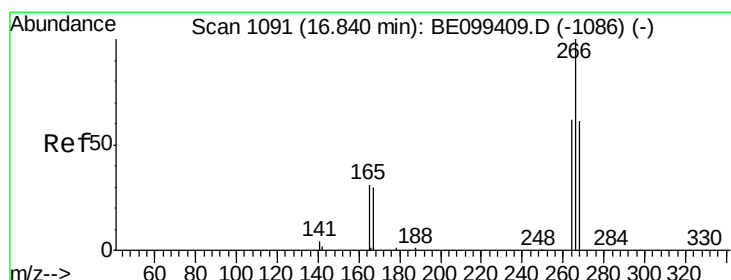
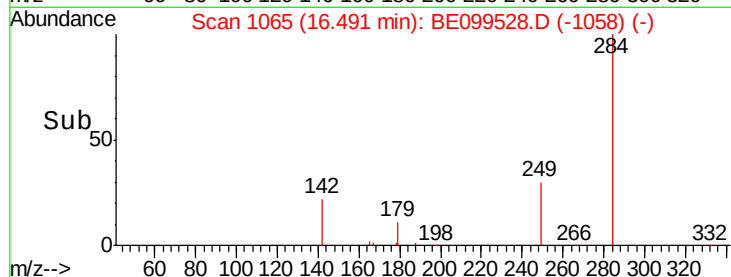
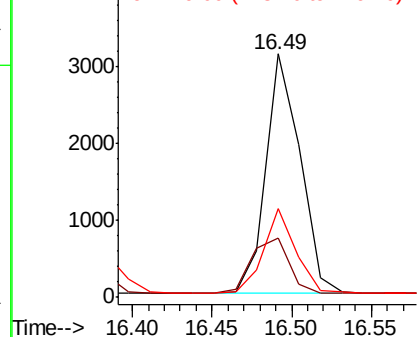
#21
Hexachlorobenzene
Concen: 0.415 ng
RT: 16.49 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 4683
Ion Ratio Lower Upper
284 100
142 25.1 21.0 31.6
249 33.1 26.7 40.1

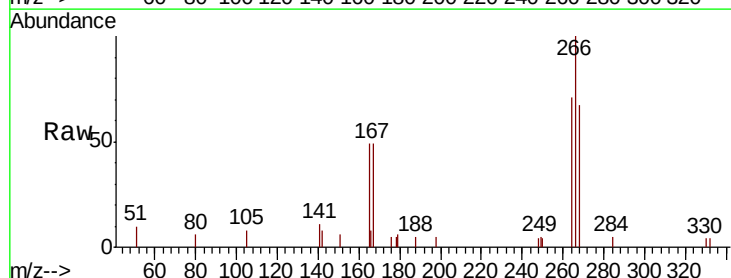


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

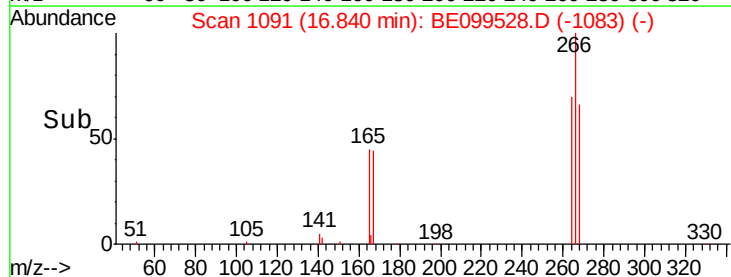
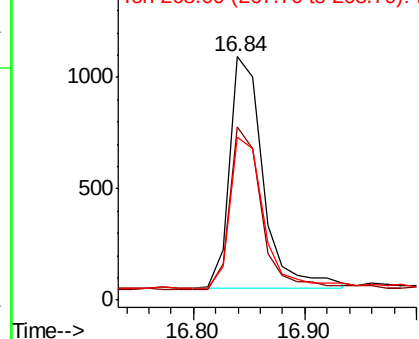


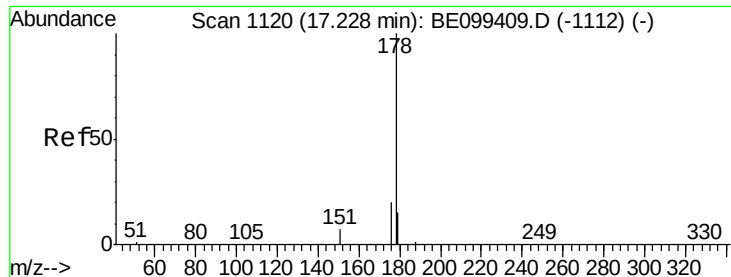
#22
Pentachlorophenol
Concen: 0.541 ng
RT: 16.84 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

Tgt Ion:266 Resp: 2207
Ion Ratio Lower Upper
266 100
264 71.1 50.8 76.2
268 67.1 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

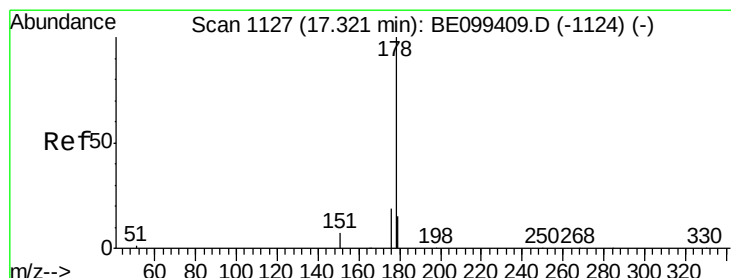
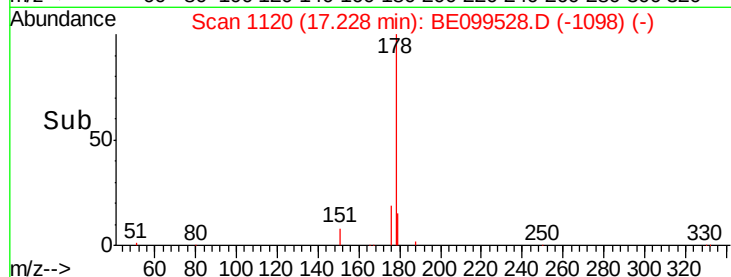
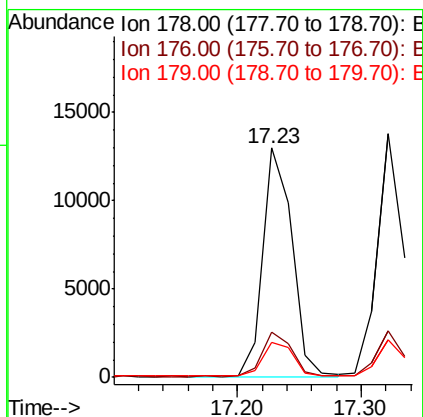
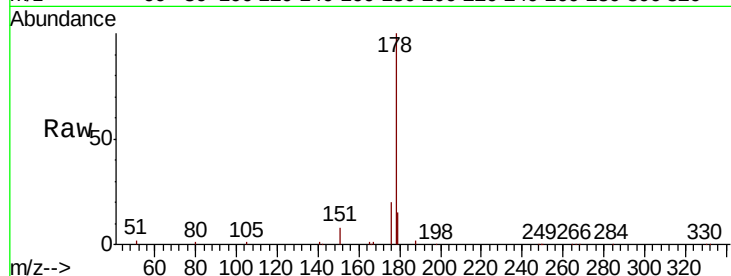




#23
Phenanthrene
Concen: 0.403 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

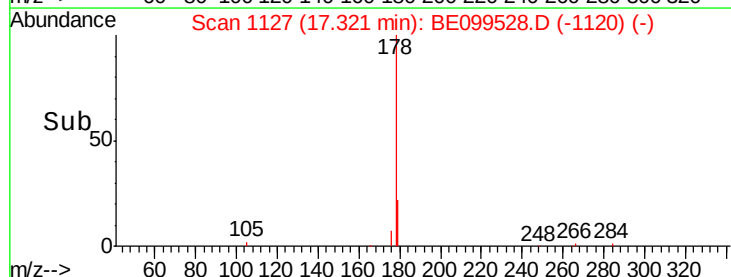
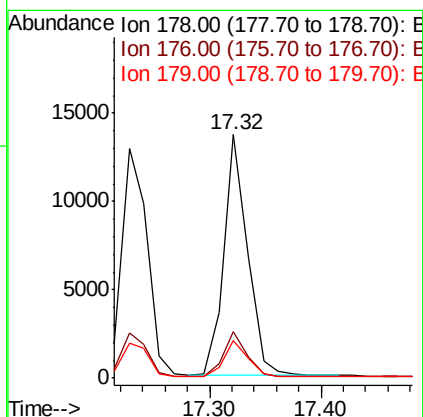
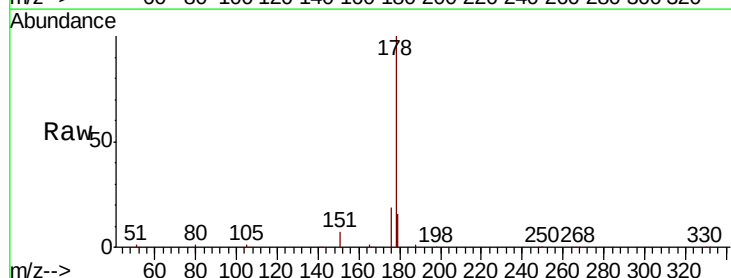
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

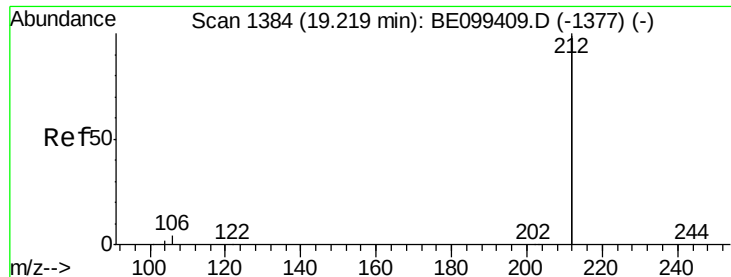
Tot Ion:178 Resp: 21182
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.7 12.0 18.0



#24
Anthracene
Concen: 0.404 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

Tgt Ion:178 Resp: 20232
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.1 11.9 17.9





#25

Fluoranthene-d10

Concen: 0.388 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

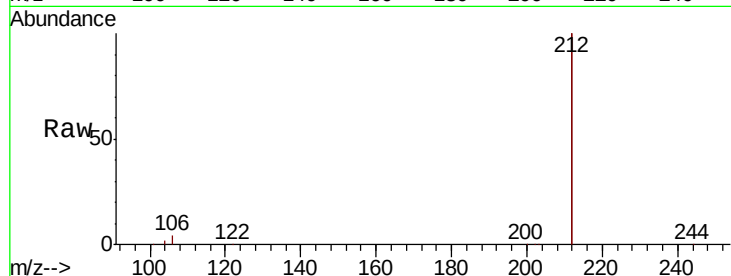
Tot Ion:212 Resp: 106532

Ion Ratio Lower Upper

212 100

106 1.8 1.5 2.3

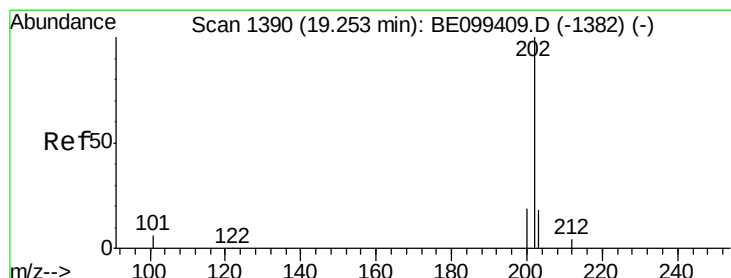
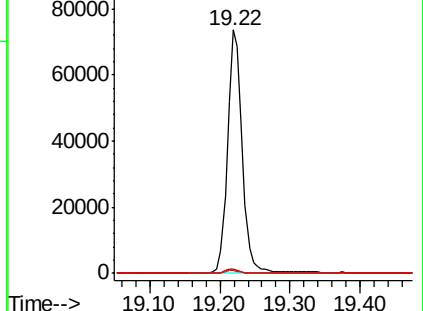
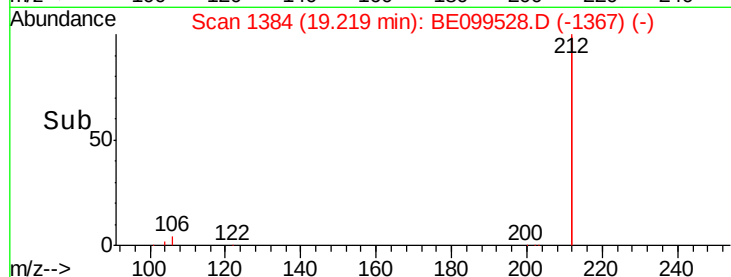
104 1.0 0.9 1.3



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: 0.402 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

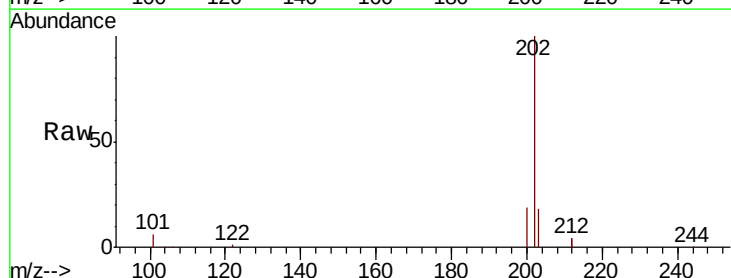
Tgt Ion:202 Resp: 31607

Ion Ratio Lower Upper

202 100

101 6.8 5.4 8.0

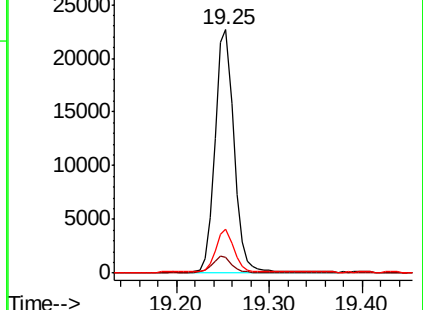
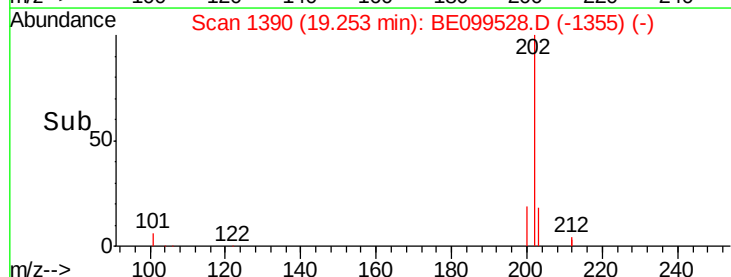
203 17.0 13.9 20.9

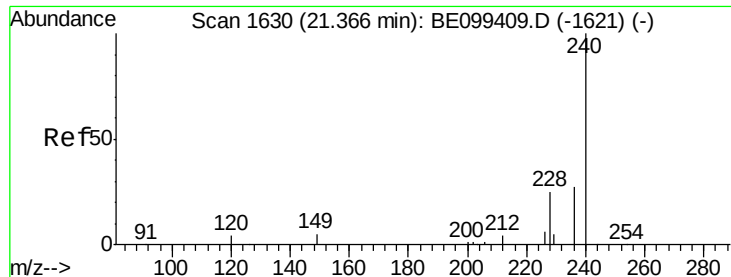


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

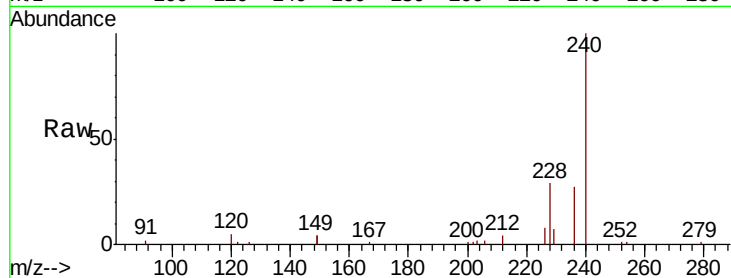




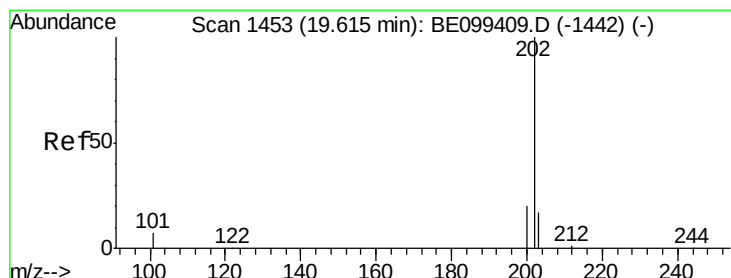
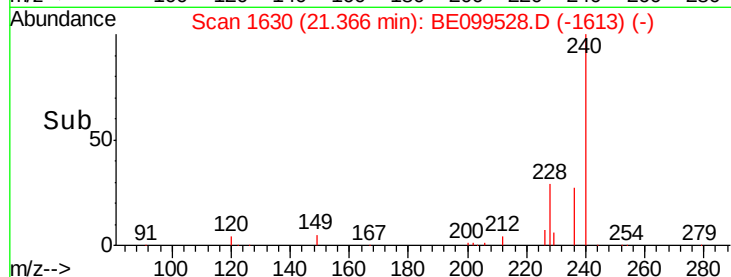
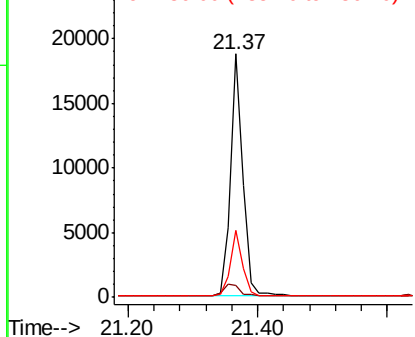
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 25387
Ion Ratio Lower Upper
240 100
120 4.7 4.0 6.0
236 27.4 22.0 33.0

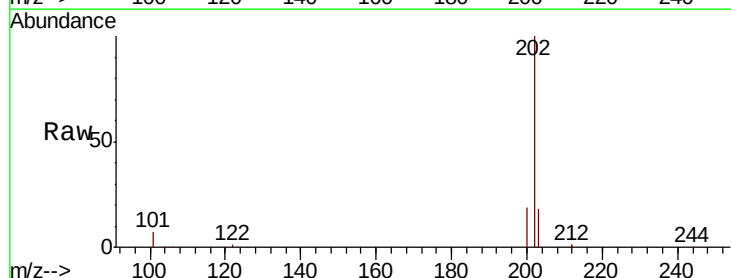


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

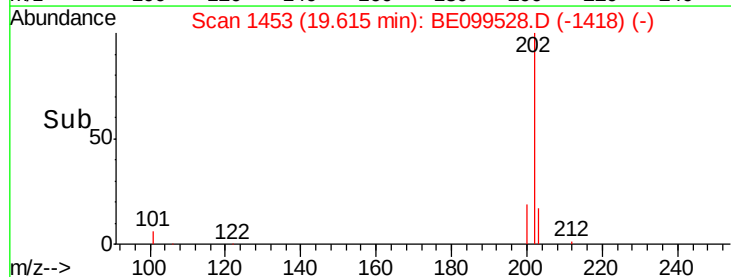
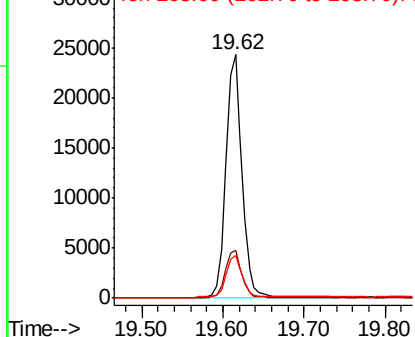


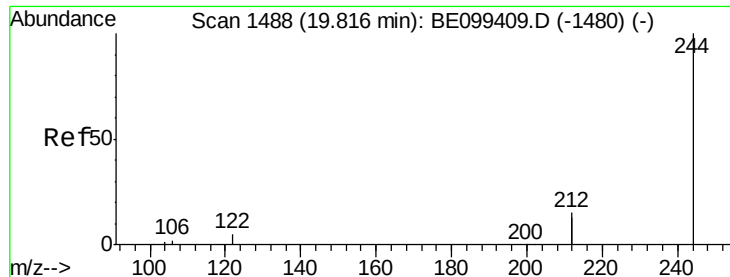
#28
Pyrene
Concen: 0.495 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

Tgt Ion:202 Resp: 32770
Ion Ratio Lower Upper
202 100
200 19.8 15.7 23.5
203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.494 ng

RT: 19.82 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

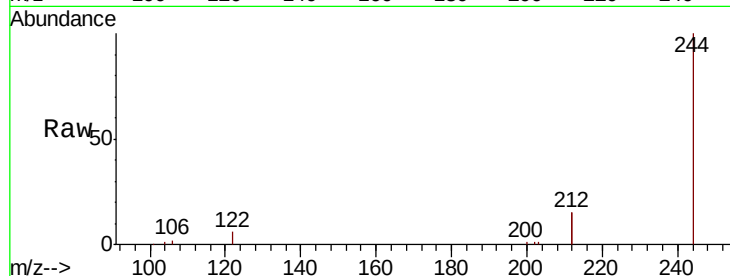
Tot Ion:244 Resp: 22950

Ion Ratio Lower Upper

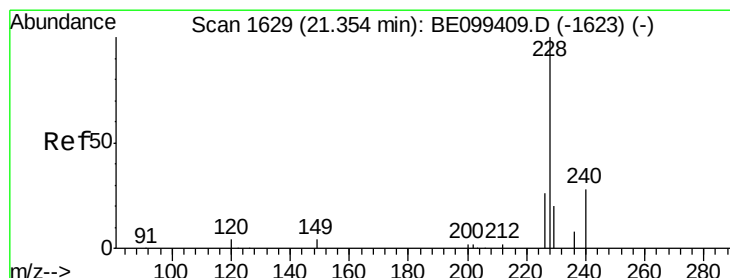
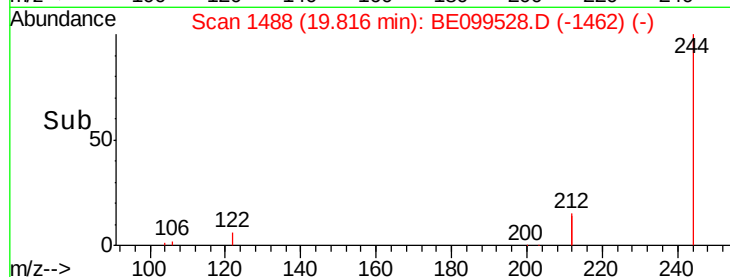
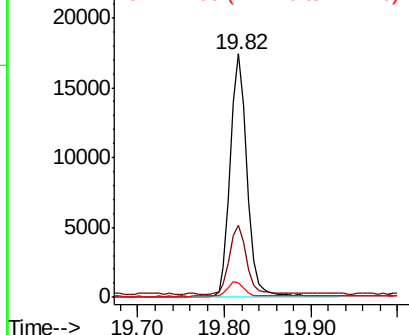
244 100

212 29.8 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: 0.451 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

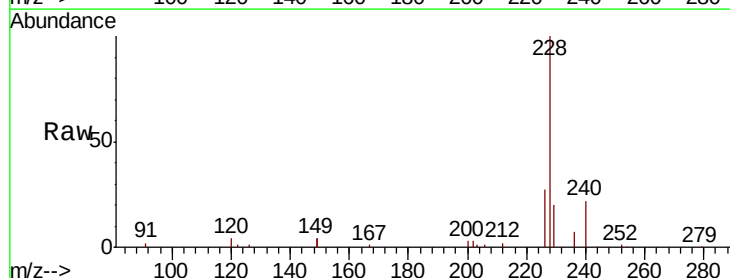
Tgt Ion:228 Resp: 36511

Ion Ratio Lower Upper

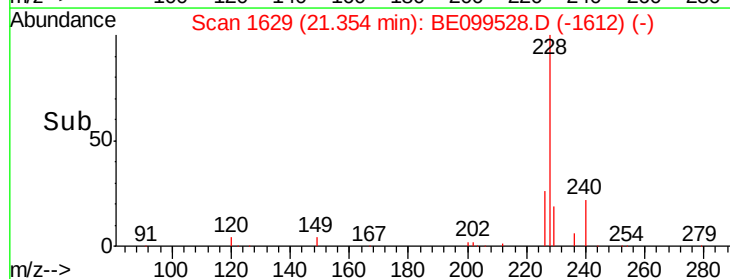
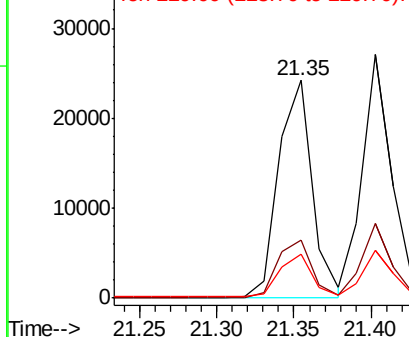
228 100

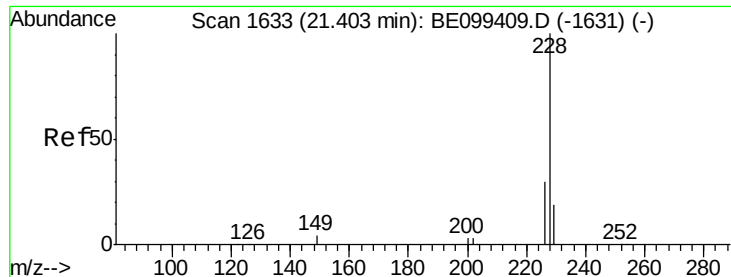
226 26.6 21.0 31.6

229 20.0 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: 0.454 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

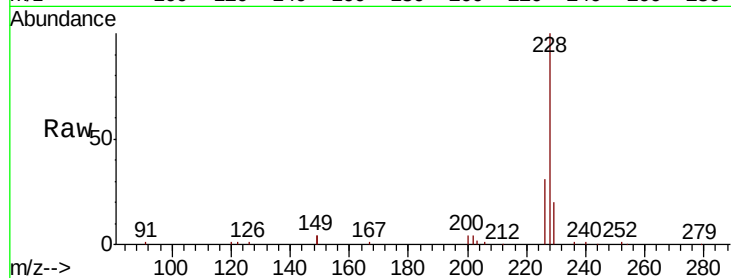
Tot Ion:228 Resp: 35920

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

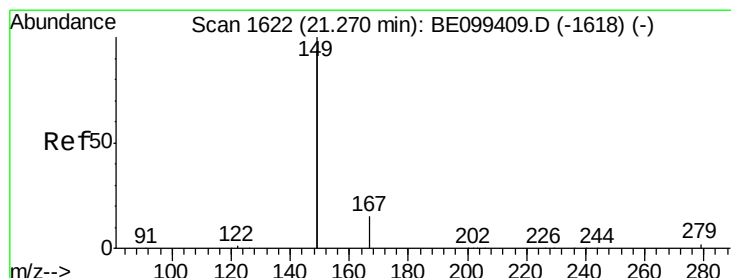
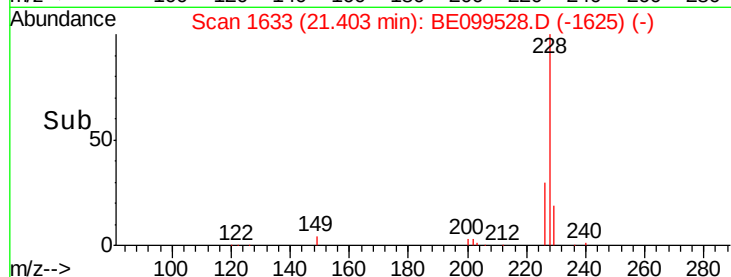
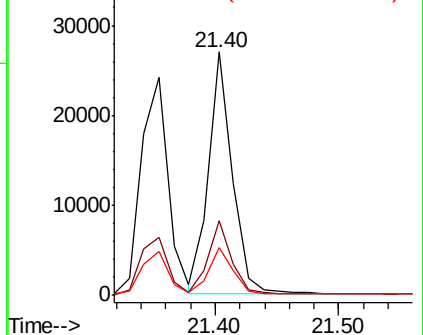
229 19.7 15.8 23.8



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: 0.436 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

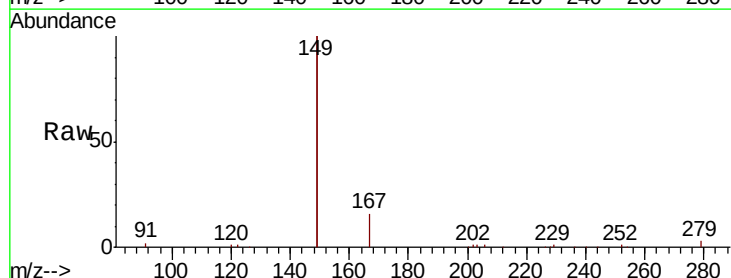
Tgt Ion:149 Resp: 57878

Ion Ratio Lower Upper

149 100

167 7.3 5.8 8.6

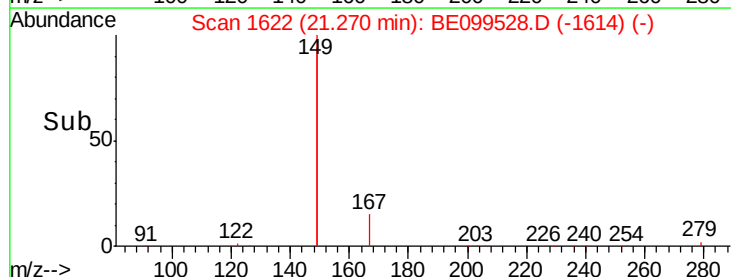
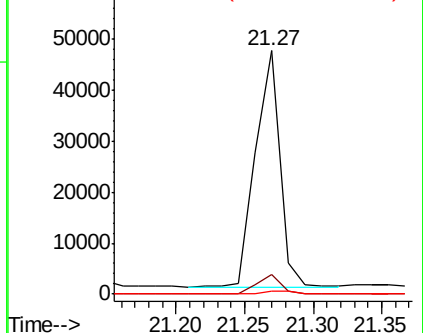
279 1.4 1.0 1.6

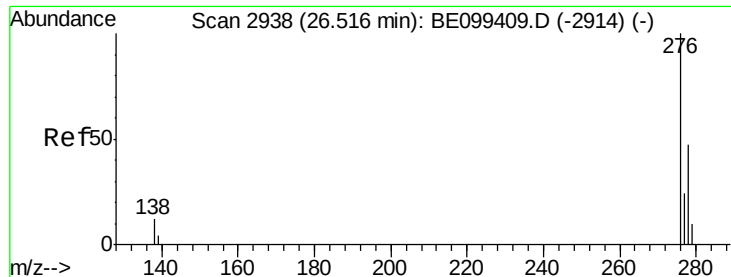


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.451 ng

RT: 26.52 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

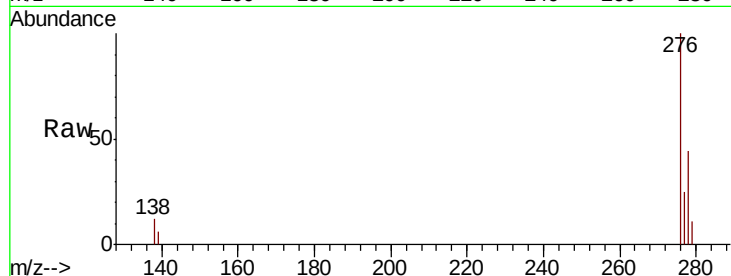
Tot Ion:276 Resp: 42194

Ion Ratio Lower Upper

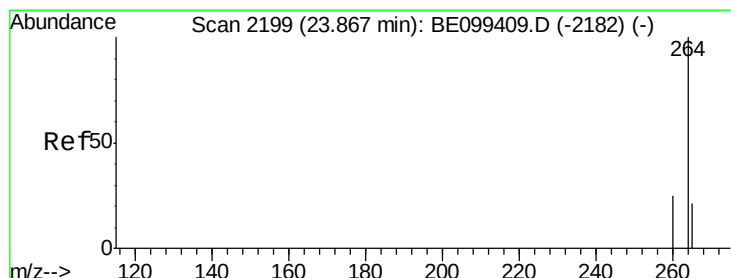
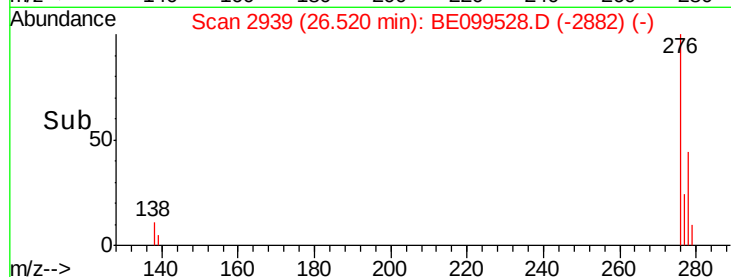
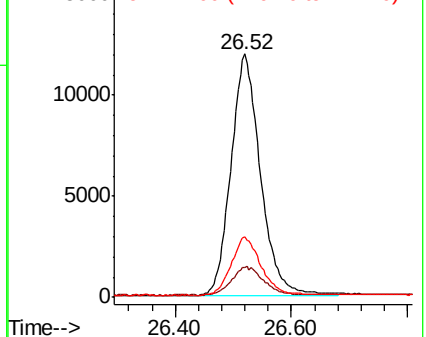
276 100

138 12.5 10.2 15.2

277 24.1 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: BE099528.D

Acq: 3 May 2019 12:42

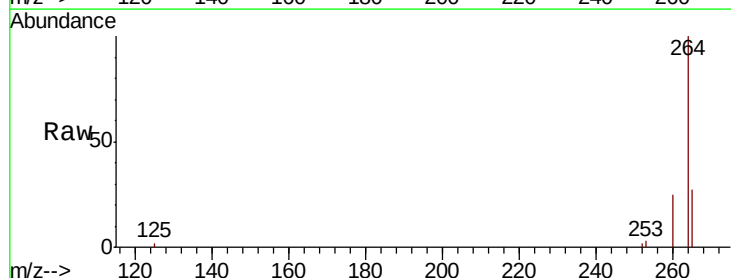
Tgt Ion:264 Resp: 29004

Ion Ratio Lower Upper

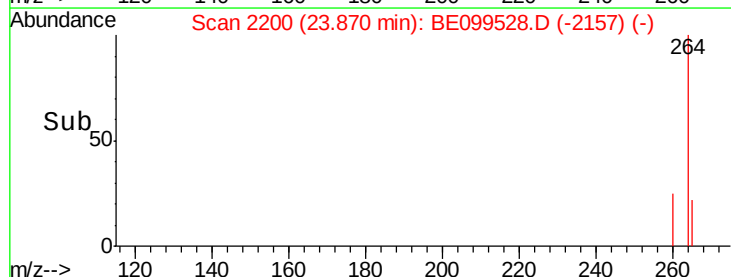
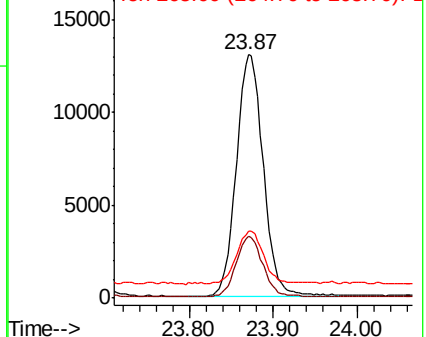
264 100

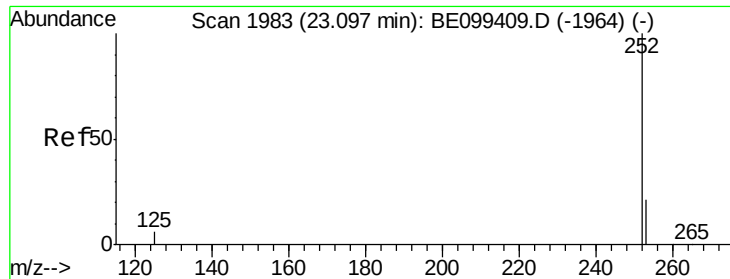
260 25.4 20.2 30.2

265 27.3 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: 0.402 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.05 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

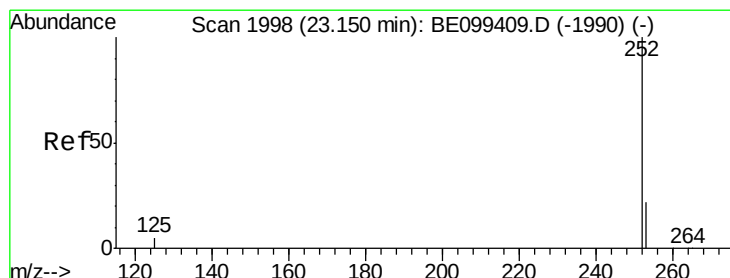
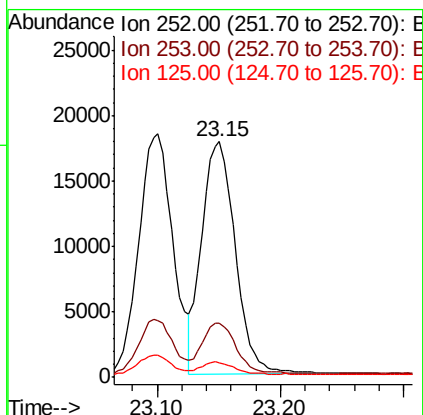
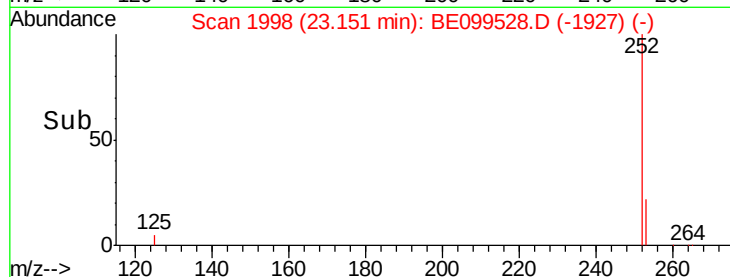
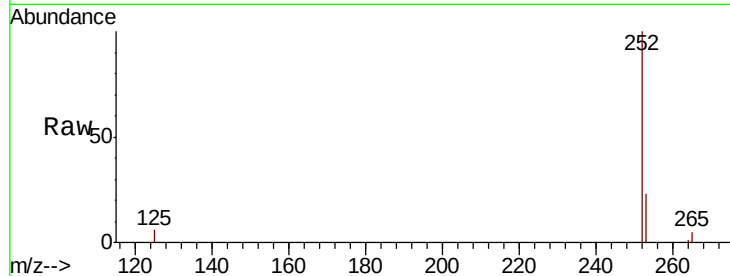
Tot Ion:252 Resp: 33623

Ion Ratio Lower Upper

252 100

253 23.2 18.1 27.1

125 6.2 5.6 8.4



#36

Benzo(k)fluoranthene

Concen: 0.417 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

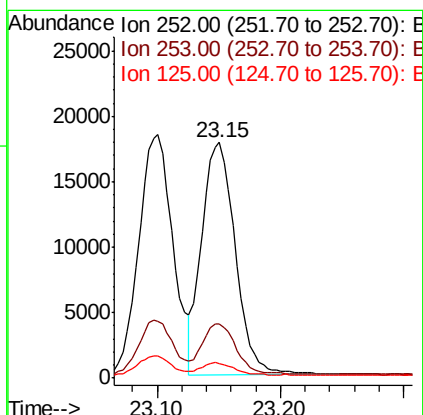
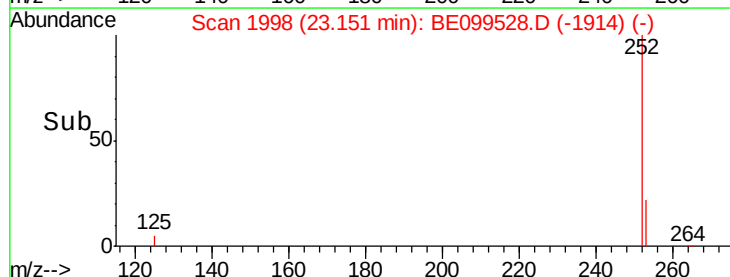
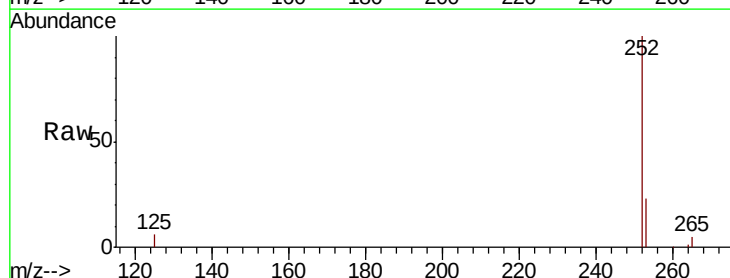
Tgt Ion:252 Resp: 33623

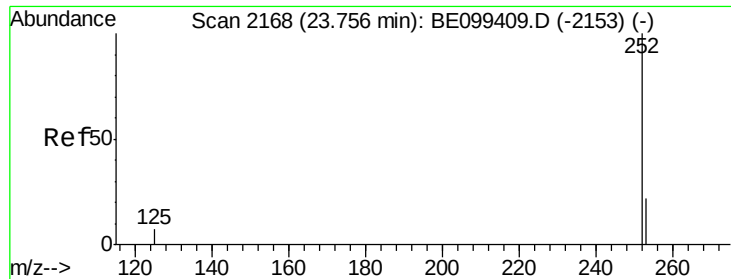
Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 6.2 5.0 7.4

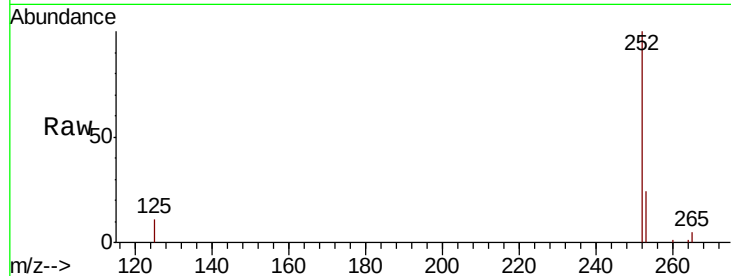




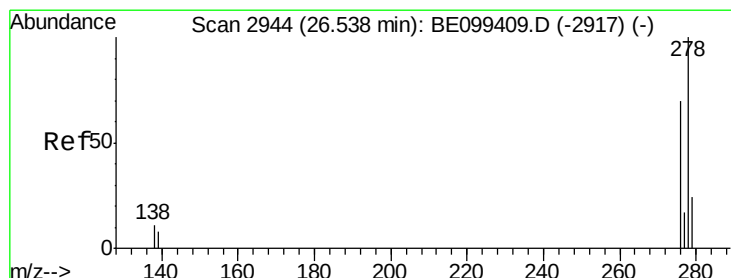
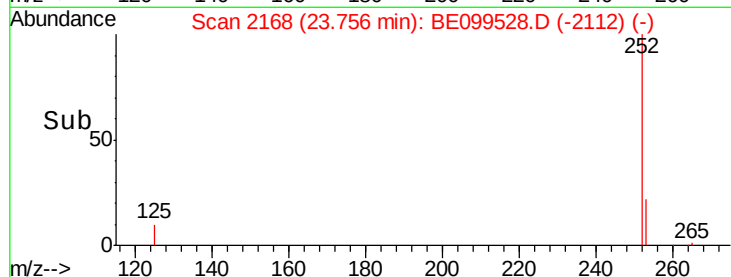
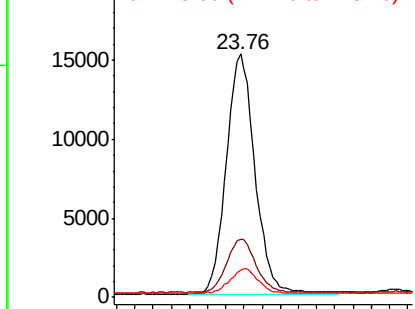
#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.76 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 33777
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 11.1 6.7 10.1#

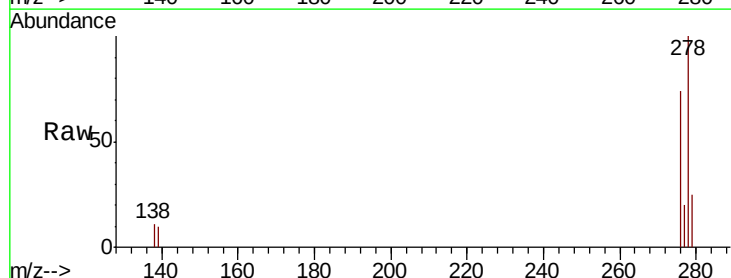


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

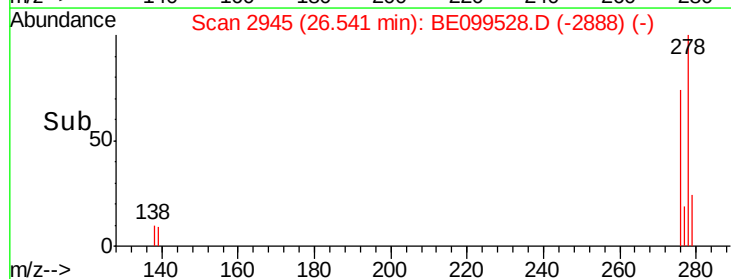
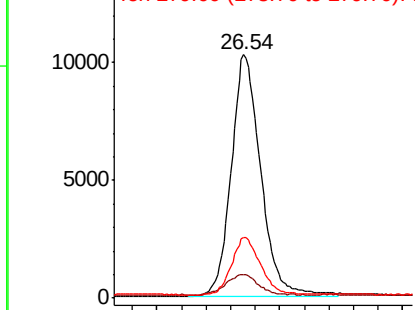


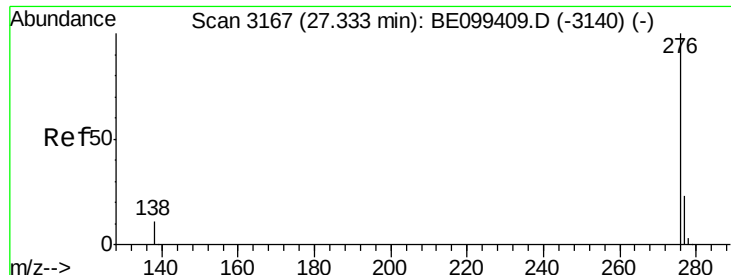
#38
Dibenzo(a,h)anthracene
Concen: 0.422 ng
RT: 26.54 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BE099528.D
Acq: 3 May 2019 12:42

Tgt Ion:278 Resp: 34168
Ion Ratio Lower Upper
278 100
139 9.8 7.7 11.5
279 25.1 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: 0.422 ng

RT: 27.34 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BE099528.D

Acq: 3 May 2019 12:42

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

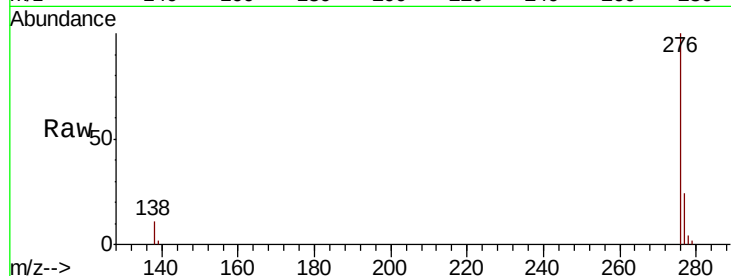
Tot Ion:276 Resp: 34179

Ion Ratio Lower Upper

276 100

277 23.9 19.5 29.3

138 11.4 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

