

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
 Data File : BE099668.D
 Acq On : 20 May 2019 19:54
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 21 06:41:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1786	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6432	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4614	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14583	0.40	ng	0.00
27) Chrysene-d12	21.41	240	19549	0.40	ng	0.00
34) Perylene-d12	23.96	264	22961	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1576	0.35	ng	0.00
5) Phenol-d6	6.98	99	2006	0.34	ng	0.00
8) Nitrobenzene-d5	8.98	82	1864	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	3932	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	808	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	6300	0.36	ng	0.00
25) Fluoranthene-d10	19.27	212	65493	0.33	ng	0.00
29) Terphenyl-d14	19.86	244	13311	0.38	ng	0.00

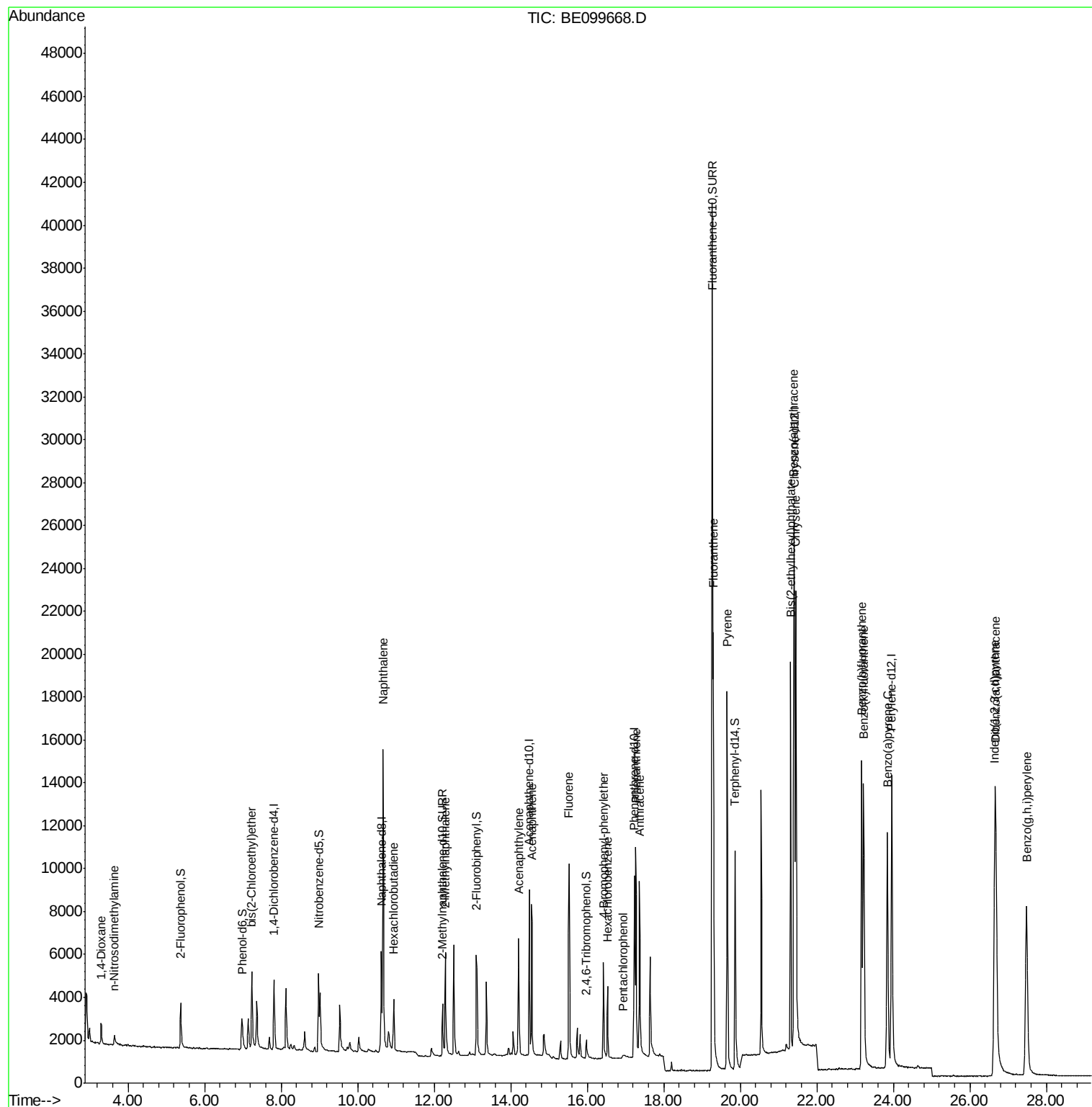
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	950	0.359	ng	94
3) n-Nitrosodimethylamine	3.64	42	358	0.245	ng	# 90
6) bis(2-Chloroethyl)ether	7.23	93	1848	0.348	ng	95
9) Naphthalene	10.67	128	24534	0.357	ng	100
10) Hexachlorobutadiene	10.94	225	1836	0.362	ng	97
12) 2-Methylnaphthalene	12.30	142	3939	0.351	ng	100
16) Acenaphthylene	14.21	152	7508	0.349	ng	98
17) Acenaphthene	14.54	154	4361	0.361	ng	99
18) Fluorene	15.53	166	6409	0.361	ng	98
20) 4-Bromophenyl-phenylether	16.43	248	2863	0.340	ng	98
21) Hexachlorobenzene	16.53	284	3059	0.356	ng	99
22) Pentachlorophenol	16.95	266	304	0.297	ng	98
23) Phenanthrene	17.27	178	12281	0.345	ng	99
24) Anthracene	17.36	178	10363	0.321	ng	99
26) Fluoranthene	19.29	202	18720	0.332	ng	100
28) Pyrene	19.66	202	19251	0.392	ng	100
30) Benzo(a)anthracene	21.40	228	20589	0.371	ng	99
31) Chrysene	21.45	228	23301	0.392	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	20739	0.324	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	27290	0.381	ng	100
35) Benzo(b)fluoranthene	23.17	252	22278	0.354	ng	100
36) Benzo(k)fluoranthene	23.22	252	23866	0.364	ng	99
37) Benzo(a)pyrene	23.84	252	21721	0.359	ng	98
38) Dibenzo(a,h)anthracene	26.68	278	22160	0.349	ng	99
39) Benzo(g,h,i)perylene	27.48	276	22671	0.353	ng	99

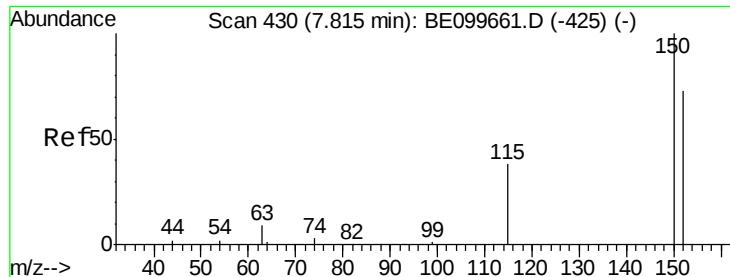
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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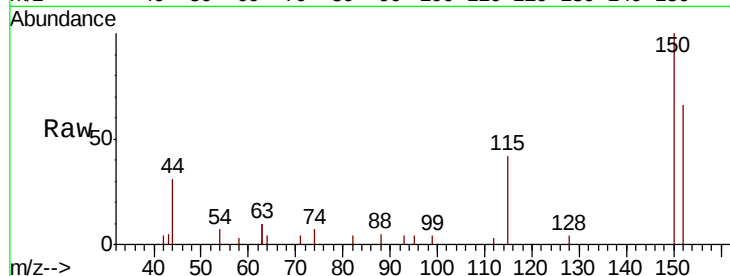


#1

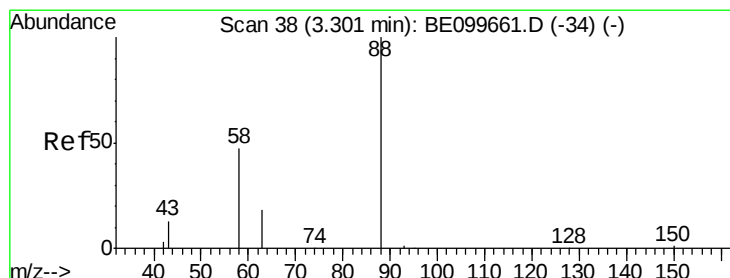
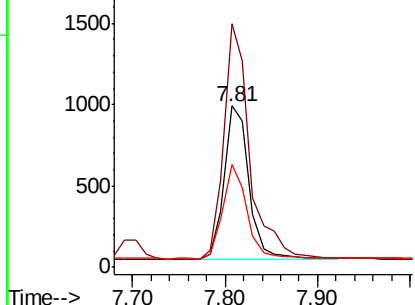
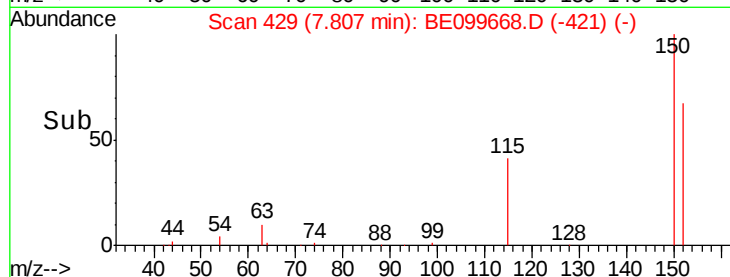
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 1786
Ion Ratio Lower Upper
152 100
150 150.8 109.2 163.8
115 63.7 43.7 65.5



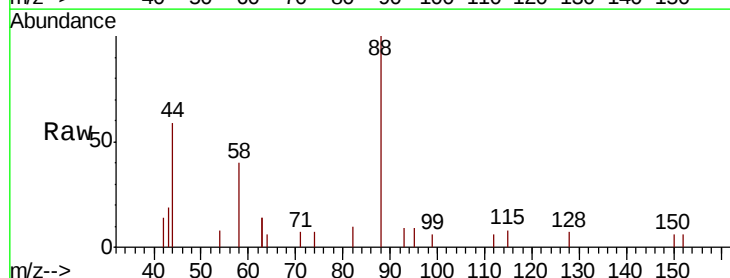
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



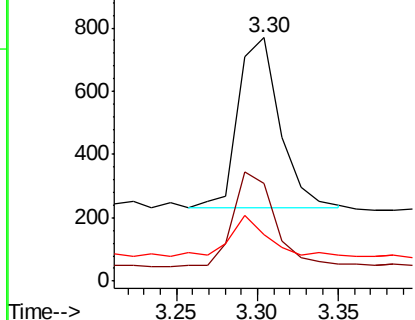
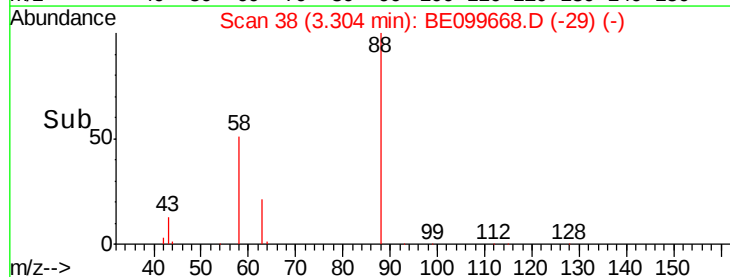
#2

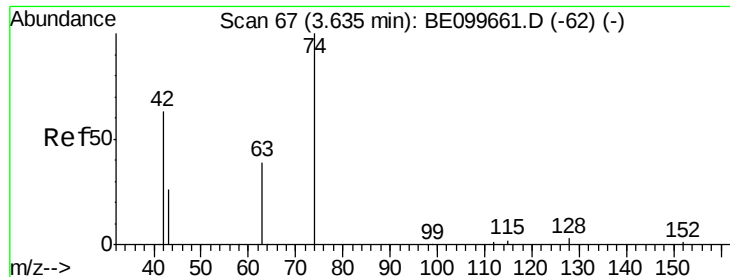
1,4-Dioxane
Concen: 0.359 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion: 88 Resp: 950
Ion Ratio Lower Upper
88 100
58 56.6 41.8 62.8
43 20.6 15.0 22.4



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: 0.245 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

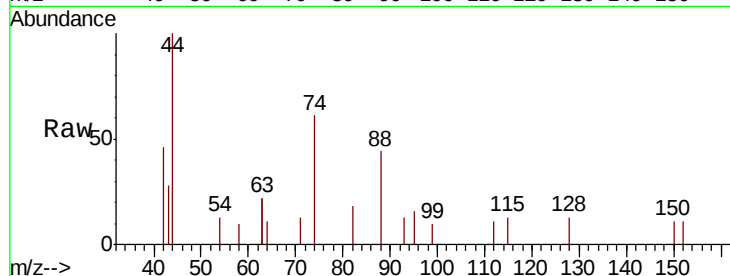
Tgt Ion: 42 Resp: 358

Ion Ratio Lower Upper

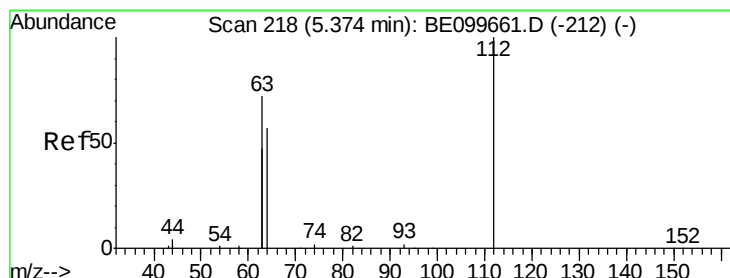
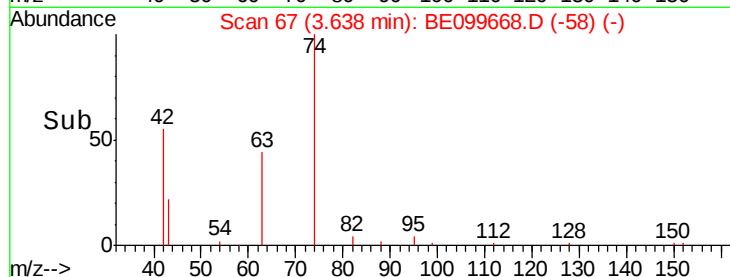
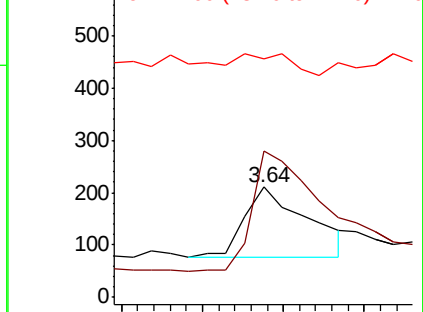
42 100

74 175.4 129.2 193.8

44 24.6 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: 0.349 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

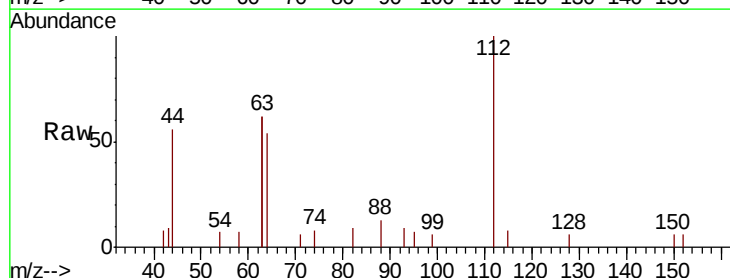
Tgt Ion: 112 Resp: 1576

Ion Ratio Lower Upper

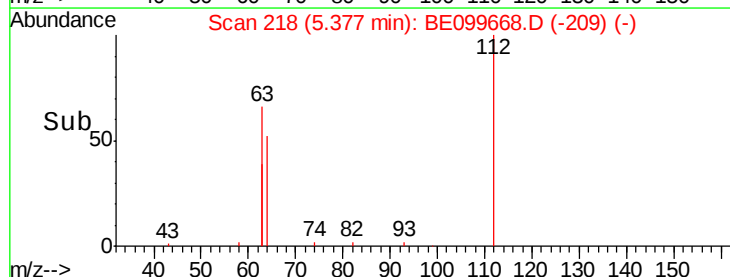
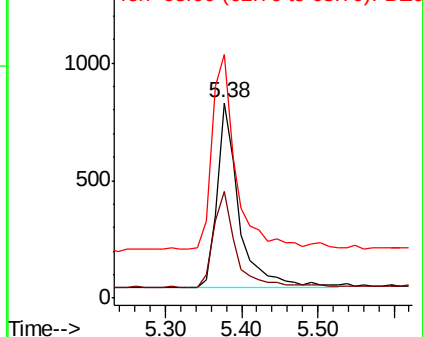
112 100

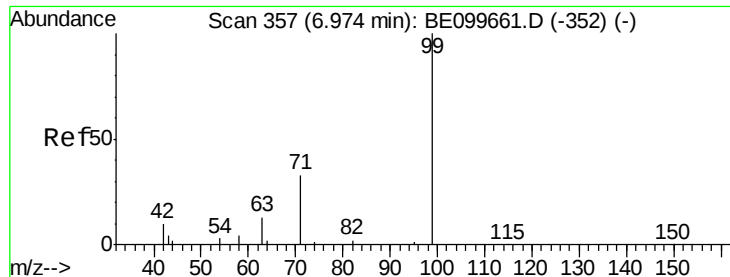
64 53.2 43.4 65.2

63 111.1 96.9 145.3



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: 0.336 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

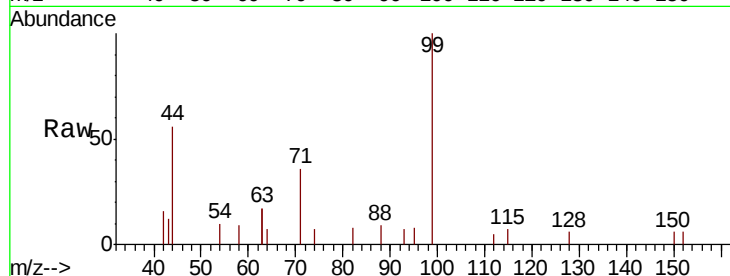
Tgt Ion: 99 Resp: 2006

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.2

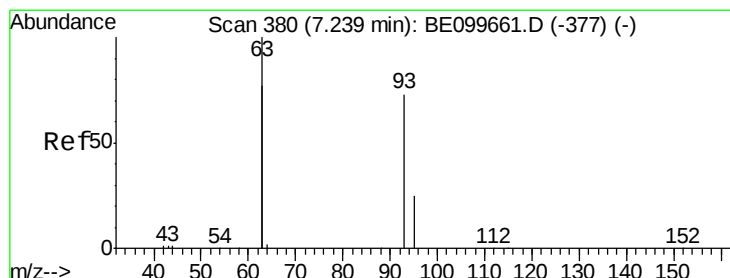
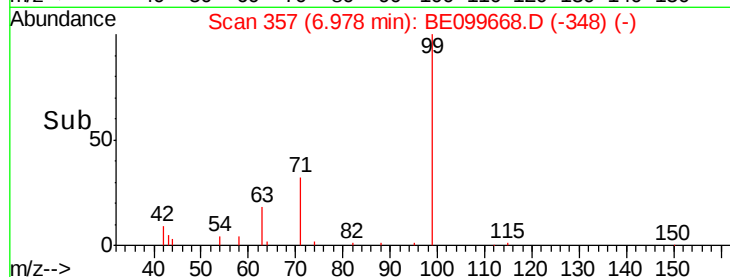
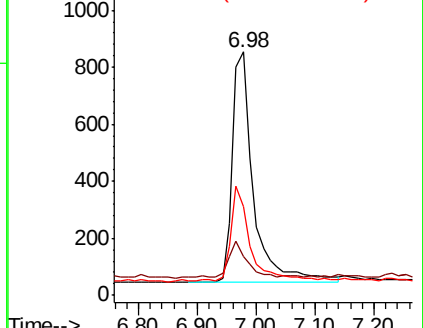
71 38.7 28.9 43.3



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: 0.348 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

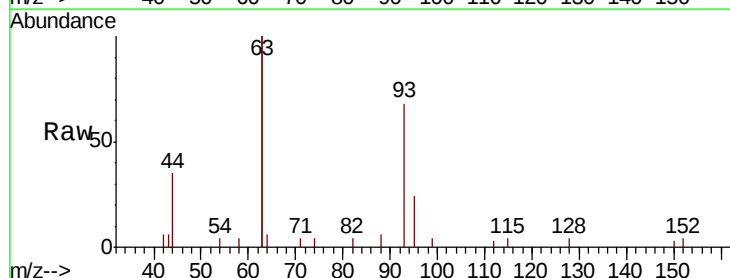
Tgt Ion: 93 Resp: 1848

Ion Ratio Lower Upper

93 100

63 250.3 207.8 311.6

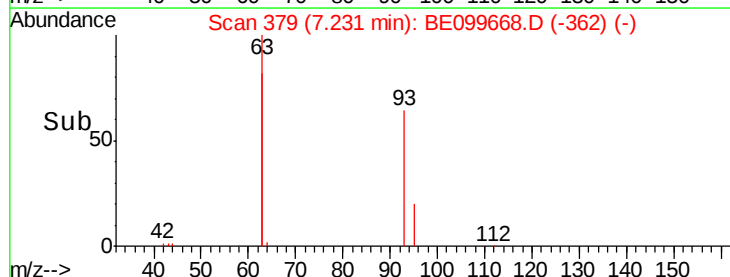
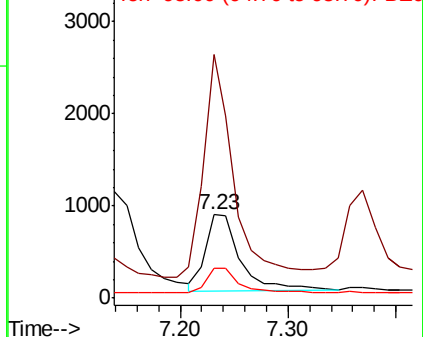
95 32.4 25.9 38.9

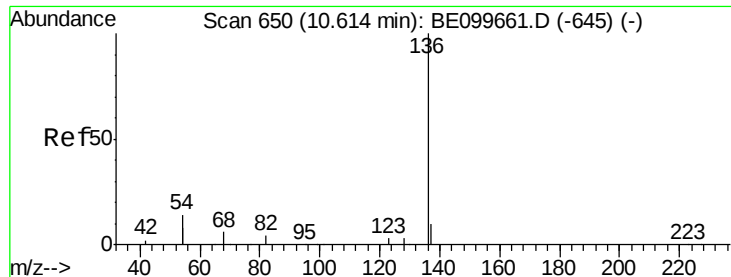


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 6432

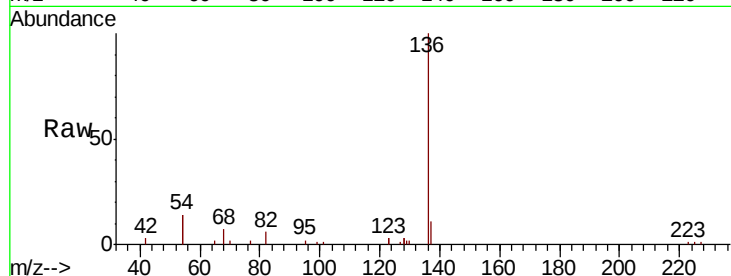
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 28.6 22.3 33.5

68 7.1 6.0 9.0

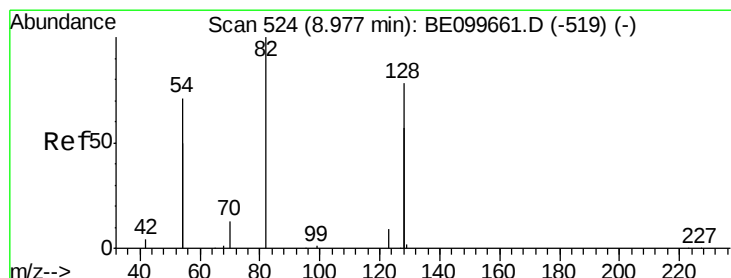
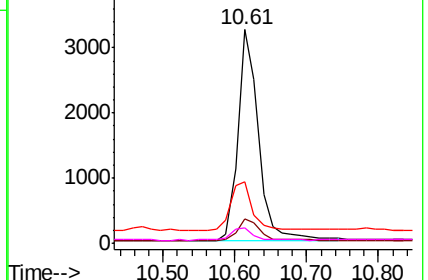
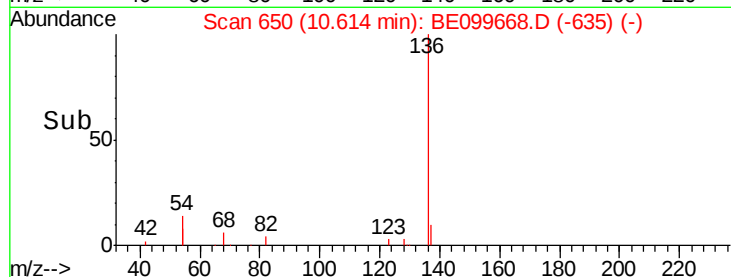


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.335 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

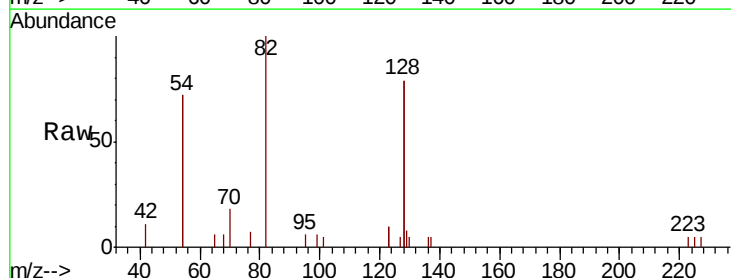
Tgt Ion: 82 Resp: 1864

Ion Ratio Lower Upper

82 100

128 157.2 117.7 176.5

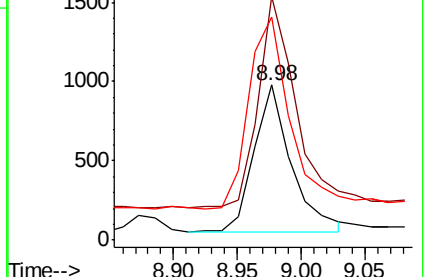
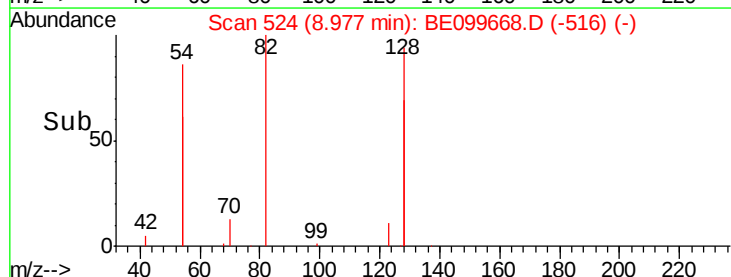
54 143.7 106.6 160.0

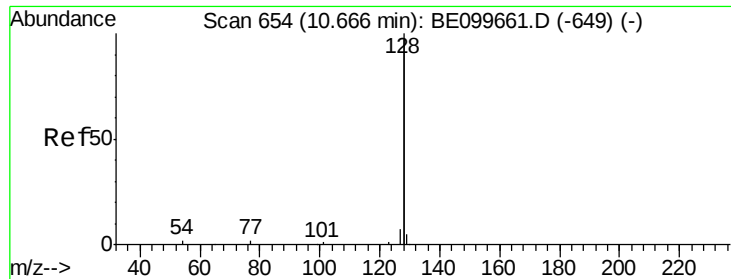


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.357 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

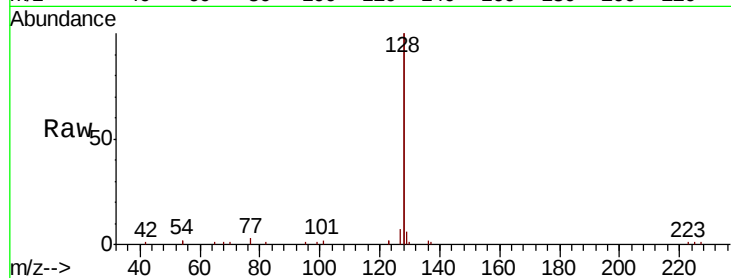
Tgt Ion:128 Resp: 24534

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

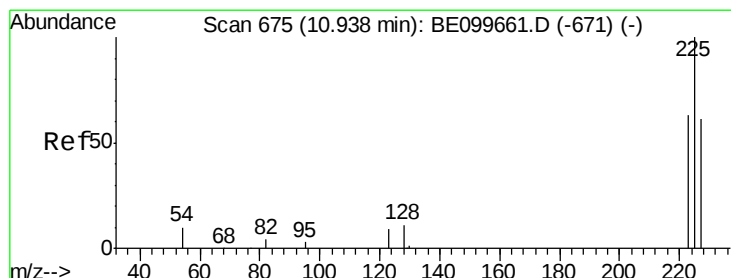
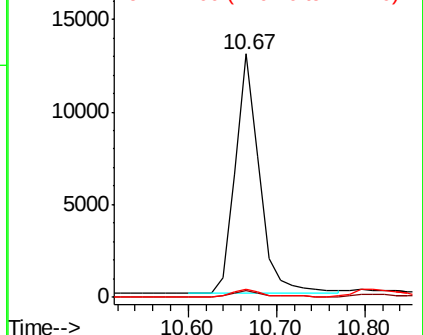
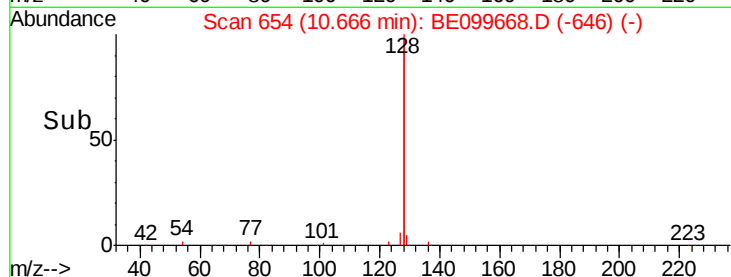
127 3.4 2.9 4.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.362 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

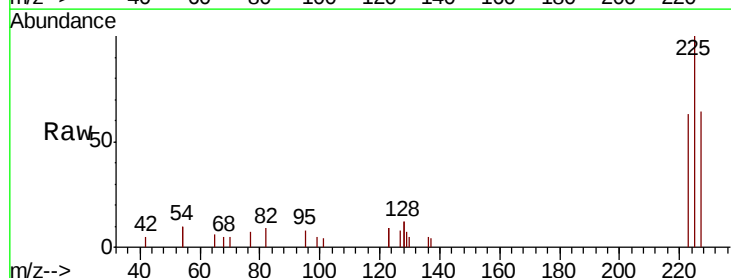
Tgt Ion:225 Resp: 1836

Ion Ratio Lower Upper

225 100

223 61.7 51.8 77.6

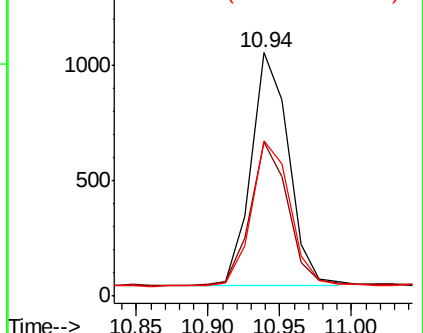
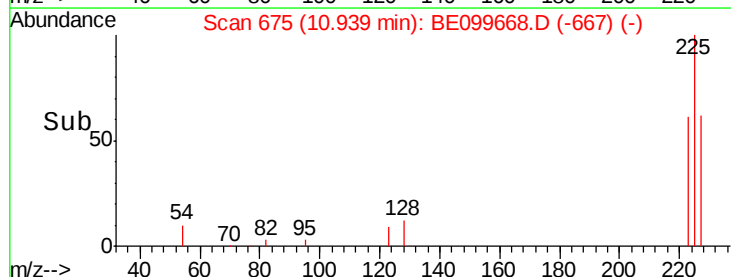
227 64.3 52.6 79.0

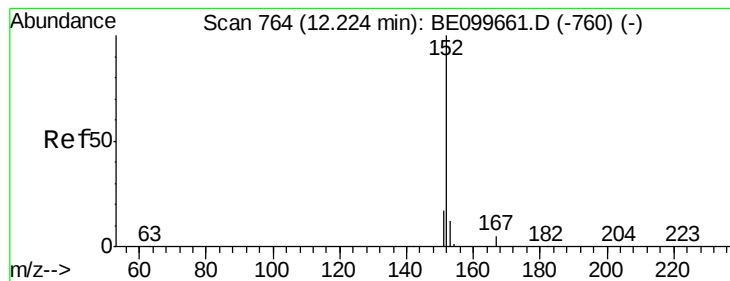


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.354 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

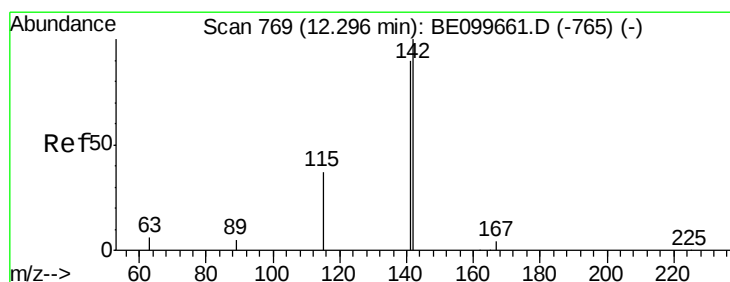
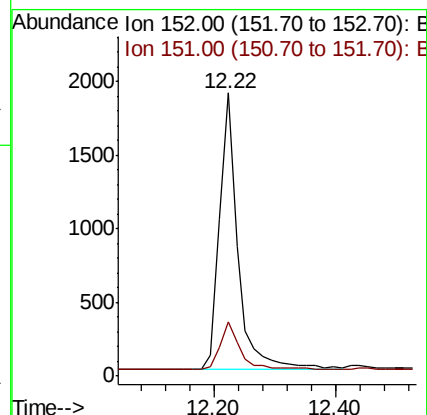
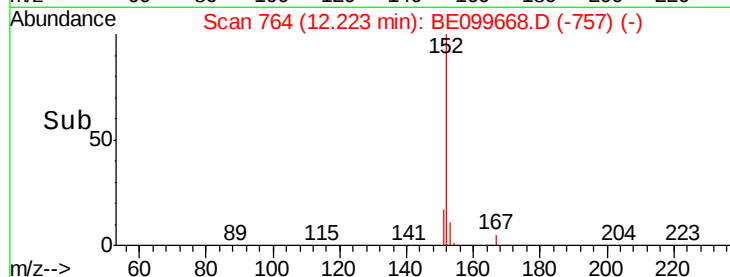
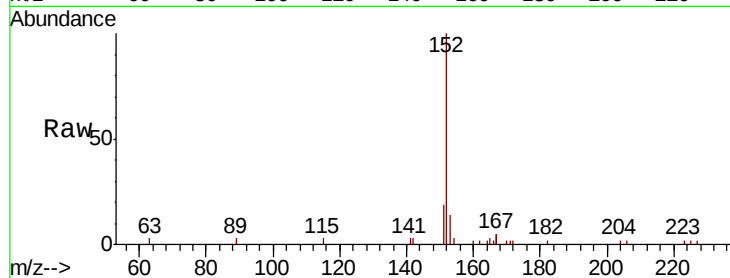
SSTDCCC0.4

Tgt Ion:152 Resp: 3932

Ion Ratio Lower Upper

152 100

151 18.7 15.0 22.4



#12

2-Methylnaphthalene

Concen: 0.351 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

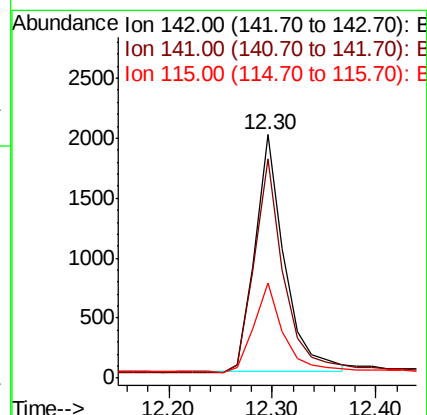
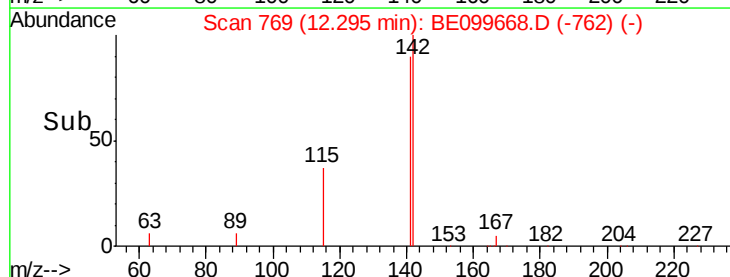
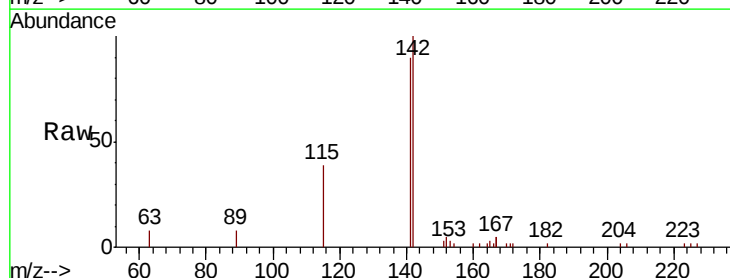
Tgt Ion:142 Resp: 3939

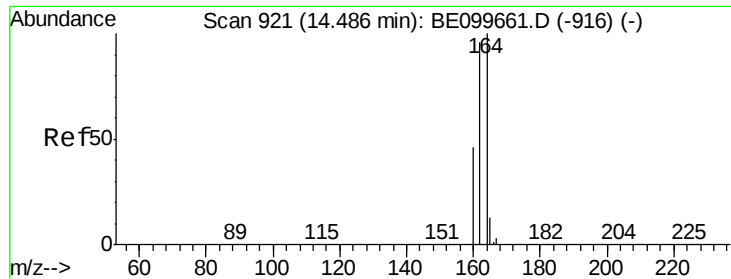
Ion Ratio Lower Upper

142 100

141 90.2 72.0 108.0

115 39.3 31.0 46.4

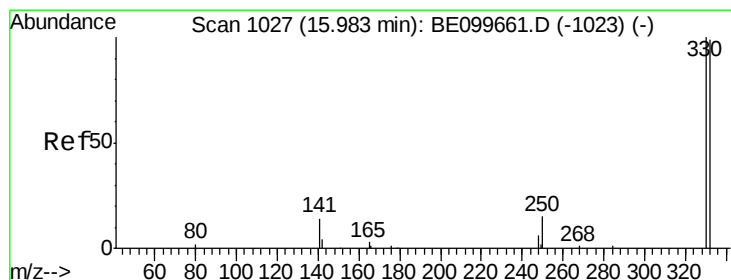
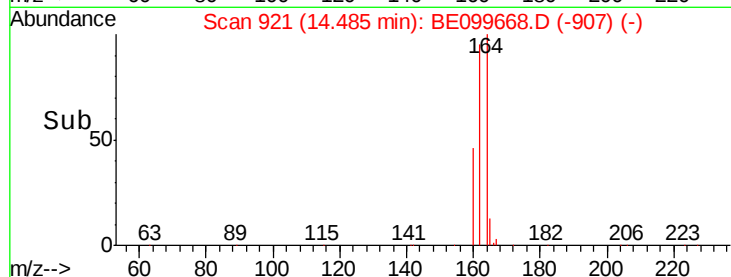
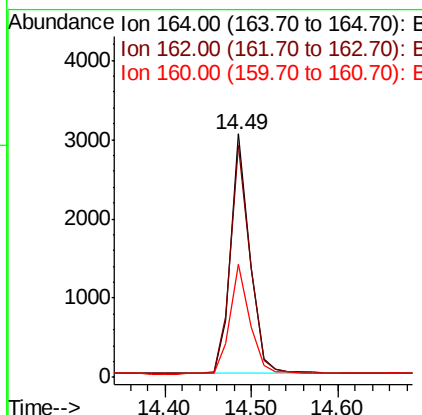
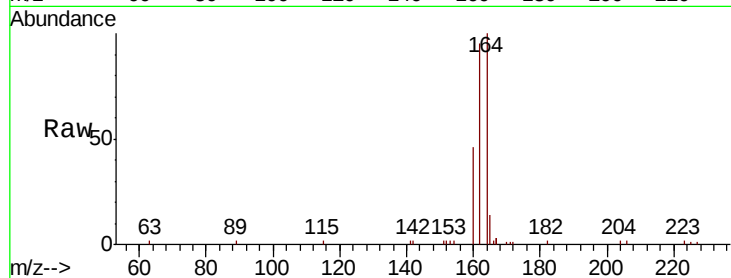




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

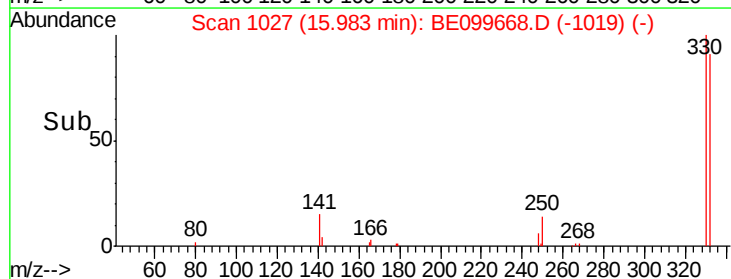
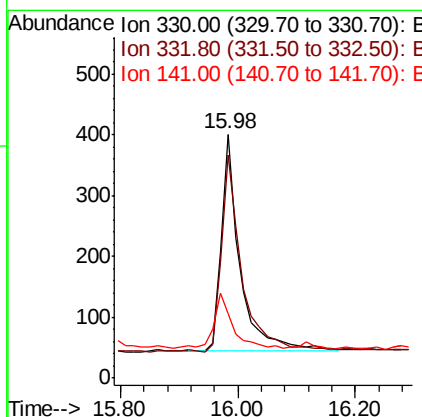
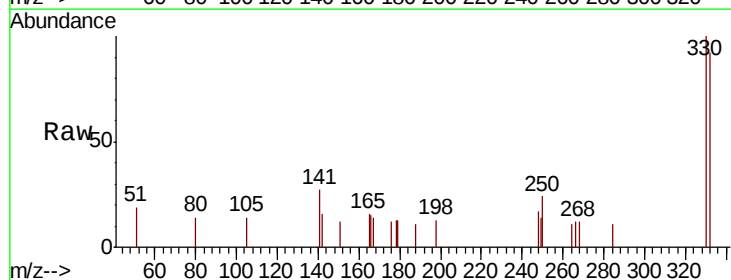
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

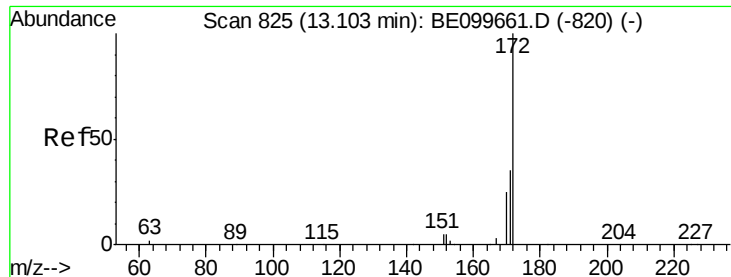
Tgt Ion:164 Resp: 4614
Ion Ratio Lower Upper
164 100
162 95.1 76.5 114.7
160 46.5 37.4 56.2



#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:330 Resp: 808
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 24.0 18.9 28.3

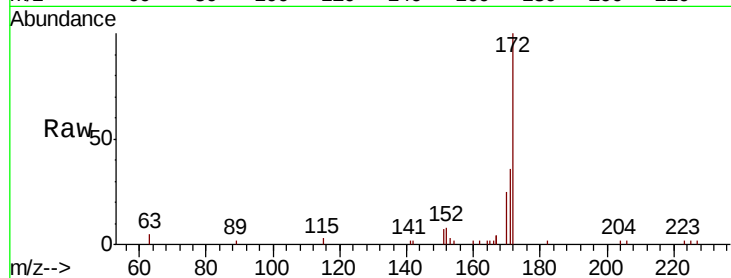




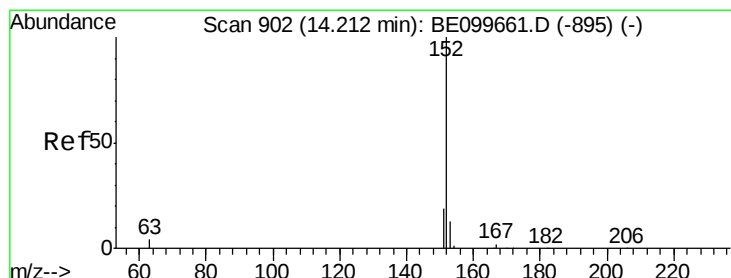
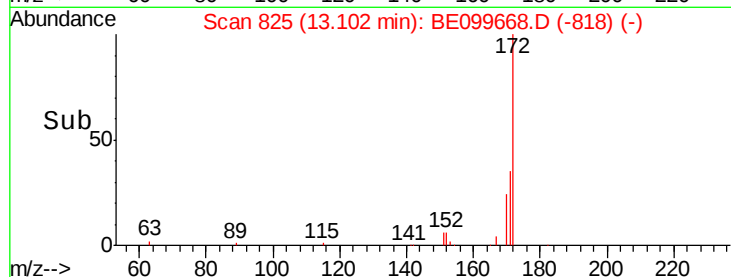
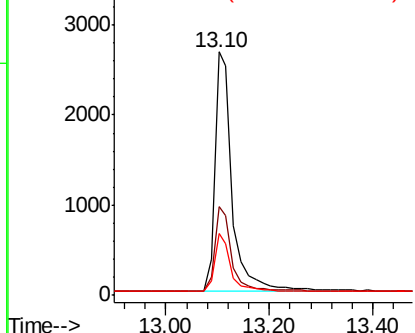
#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 6300
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 25.2 20.9 31.3

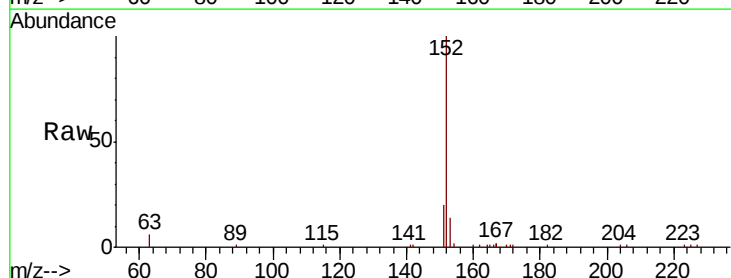


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

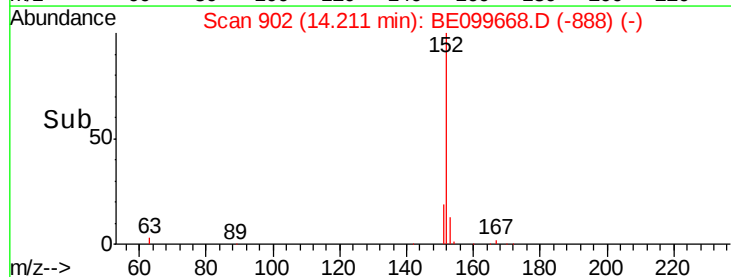
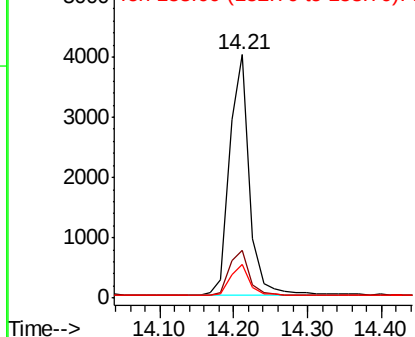


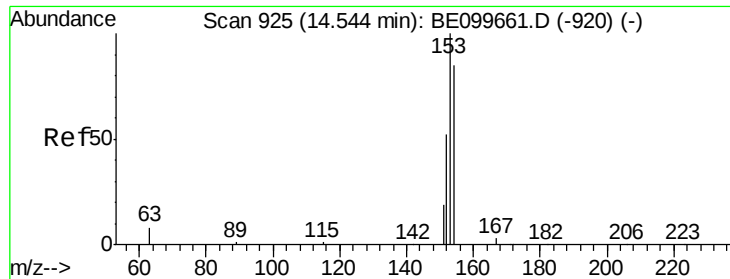
#16
Acenaphthylene
Concen: 0.349 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:152 Resp: 7508
Ion Ratio Lower Upper
152 100
151 19.0 15.9 23.9
153 12.8 10.6 16.0



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

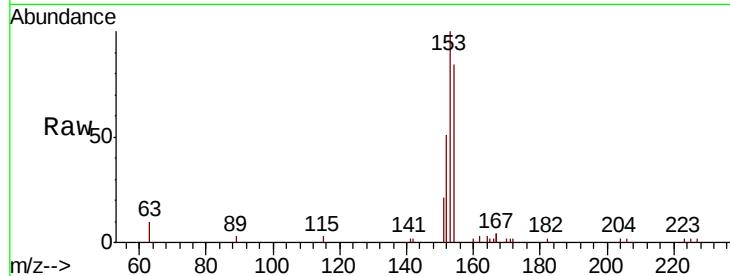




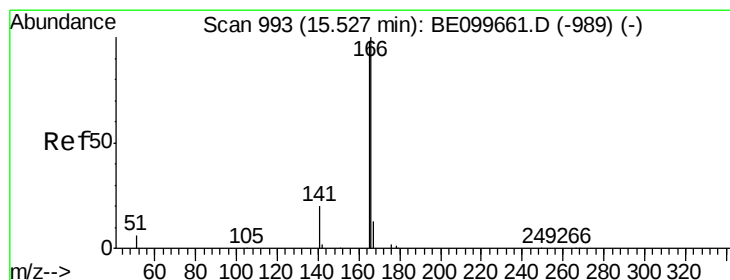
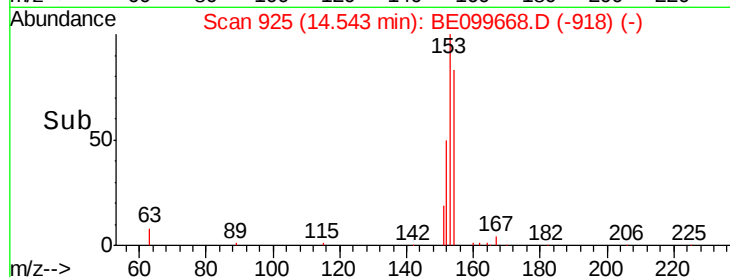
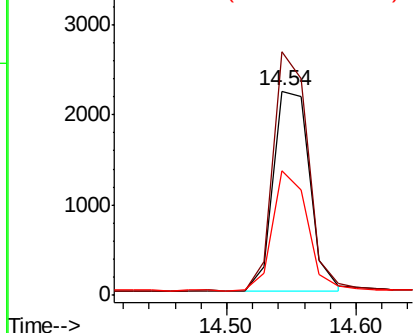
#17
Acenaphthene
Concen: 0.361 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 4361
Ion Ratio Lower Upper
154 100
153 114.1 91.8 137.6
152 56.5 46.0 69.0

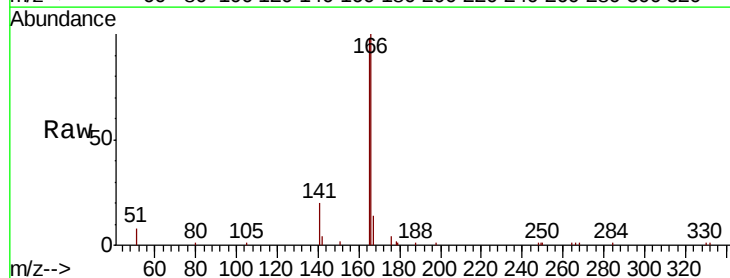


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

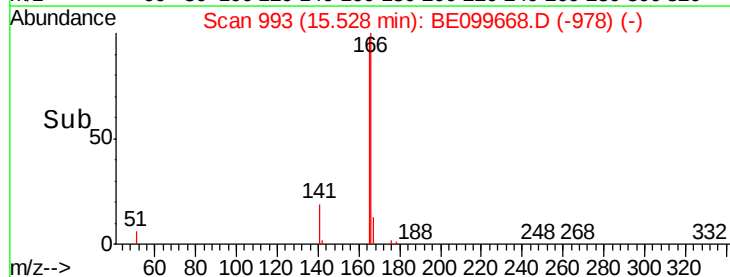
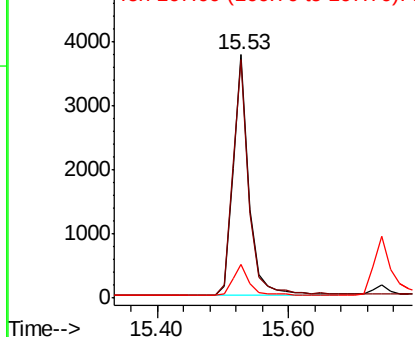


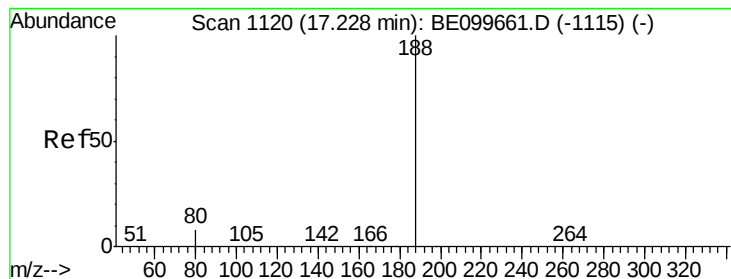
#18
Fluorene
Concen: 0.361 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099668.D
Acq: 20 May 2019 19:54

Tgt Ion:166 Resp: 6409
Ion Ratio Lower Upper
166 100
165 98.5 80.3 120.5
167 13.2 10.6 16.0



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: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

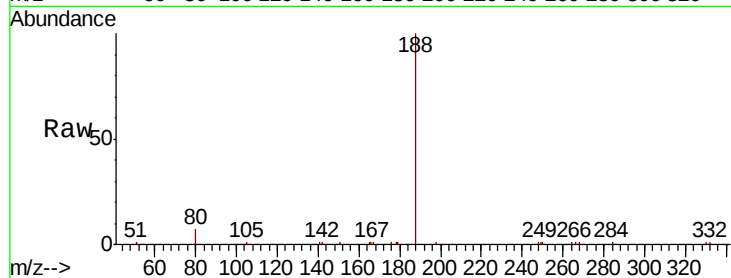
Tgt Ion:188 Resp: 14583

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

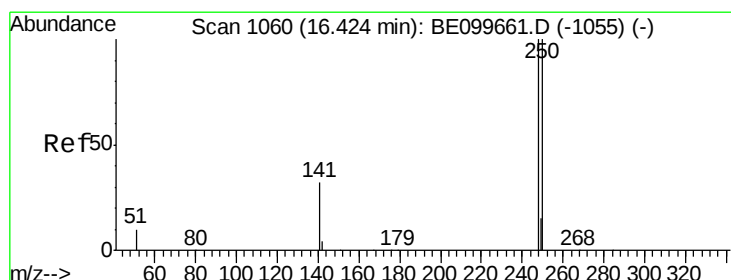
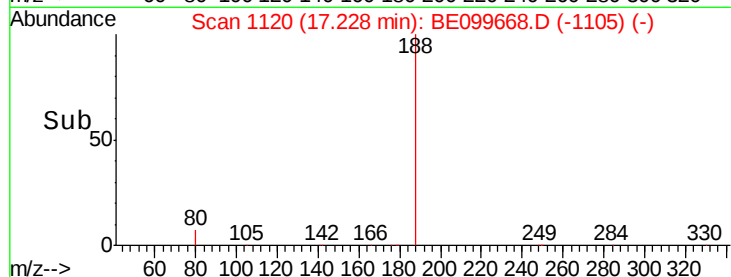
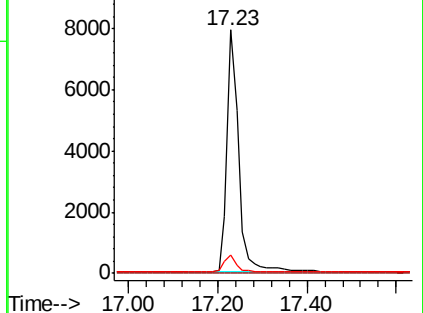
80 7.5 6.7 10.1



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: 0.340 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

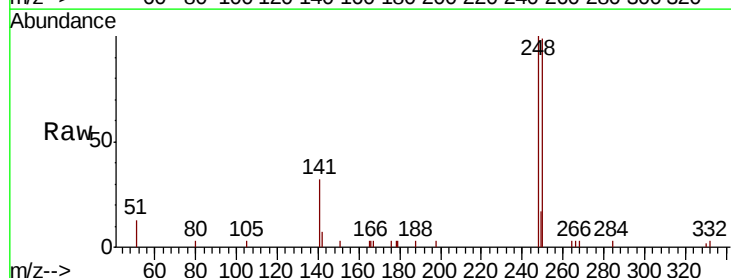
Tgt Ion:248 Resp: 2863

Ion Ratio Lower Upper

248 100

250 98.8 79.8 119.8

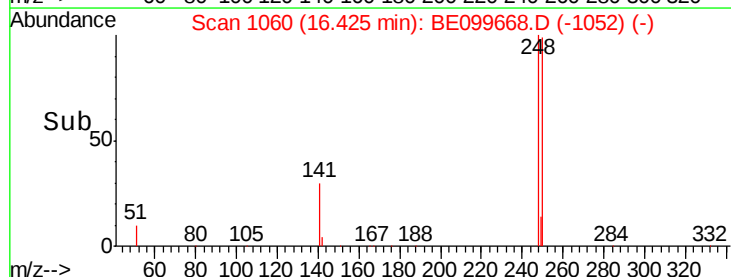
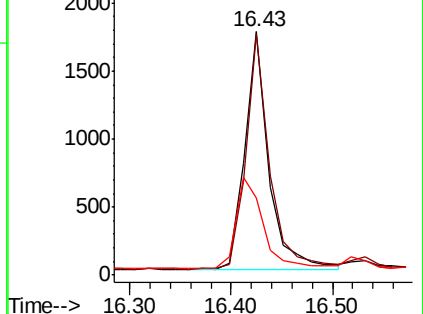
141 31.8 27.0 40.6

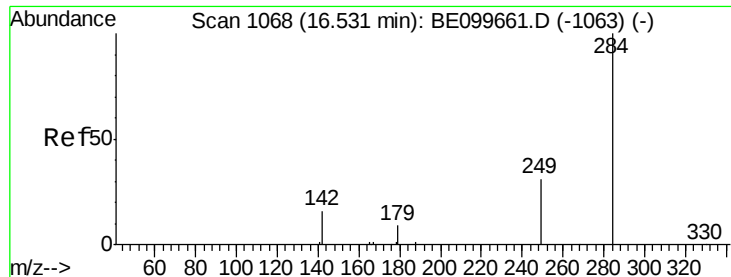


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.356 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

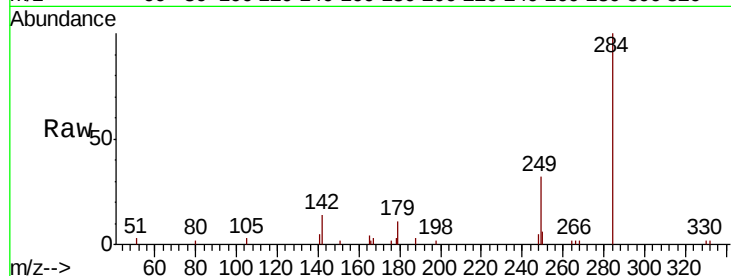
Tgt Ion:284 Resp: 3059

Ion Ratio Lower Upper

284 100

142 20.9 17.8 26.6

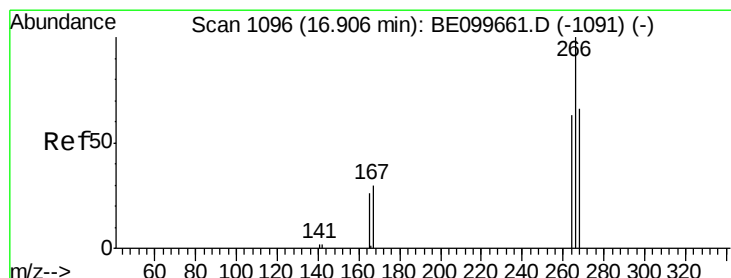
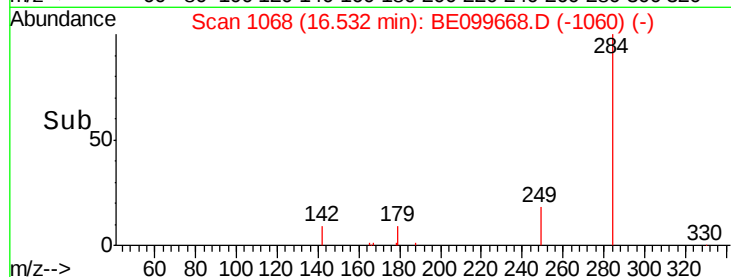
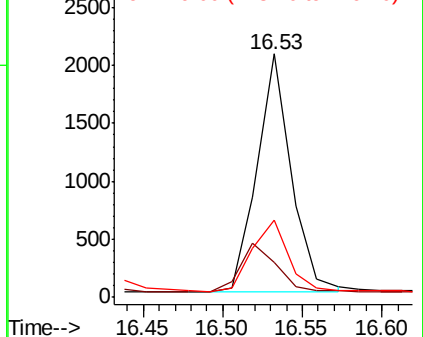
249 31.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.297 ng

RT: 16.95 min Scan# 1099

Delta R.T. 0.04 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

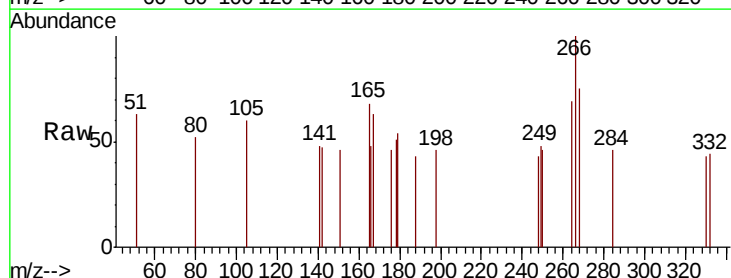
Tgt Ion:266 Resp: 304

Ion Ratio Lower Upper

266 100

264 69.2 57.2 85.8

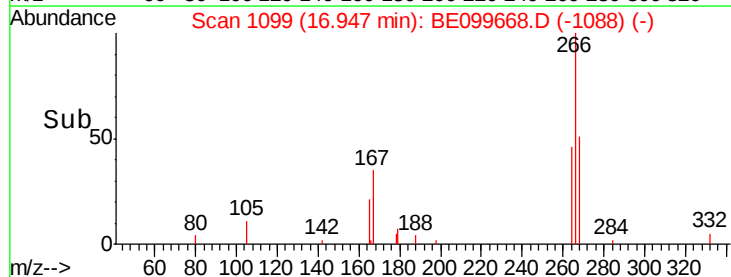
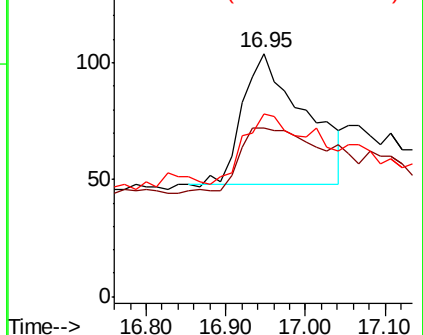
268 75.0 60.5 90.7

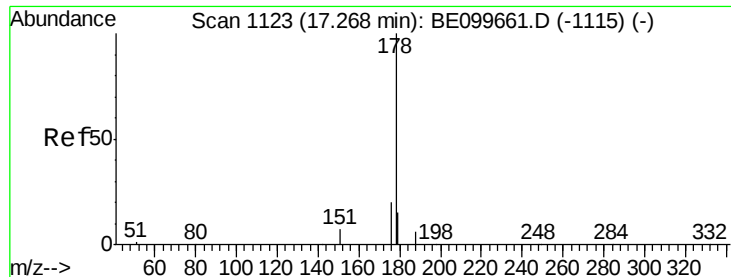


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.345 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

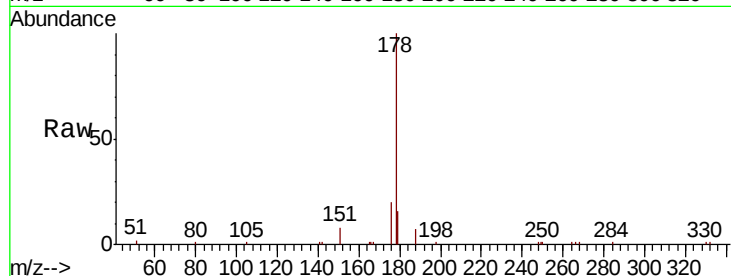
Tgt Ion:178 Resp: 12281

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

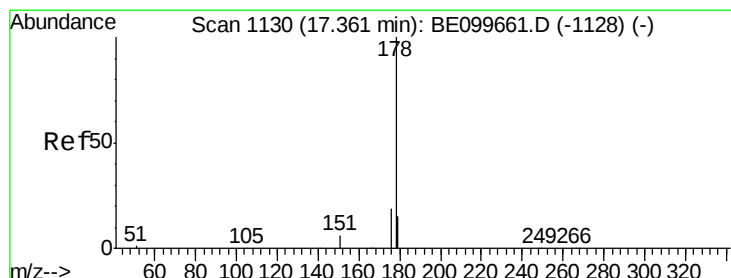
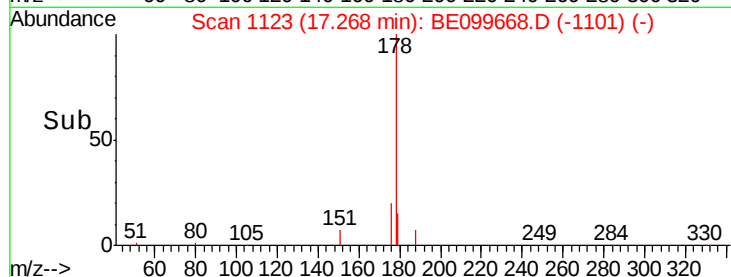
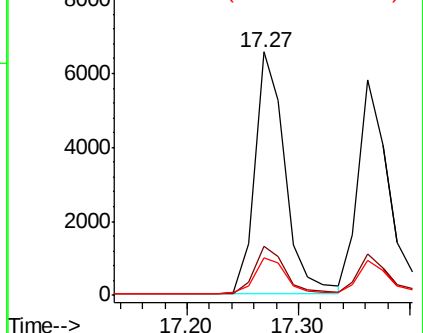
179 15.6 12.2 18.4



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: 0.321 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

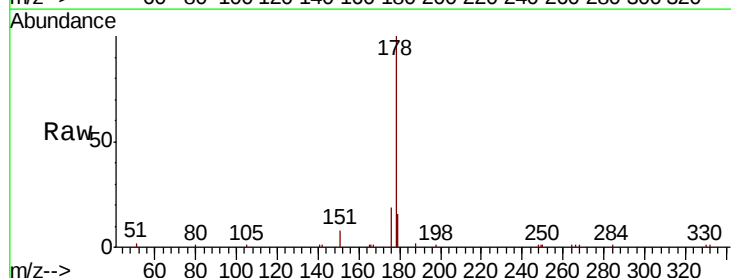
Tgt Ion:178 Resp: 10363

Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

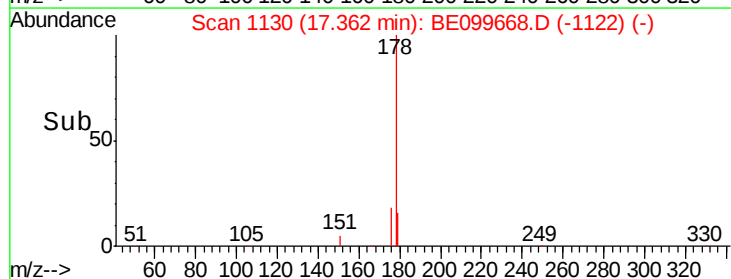
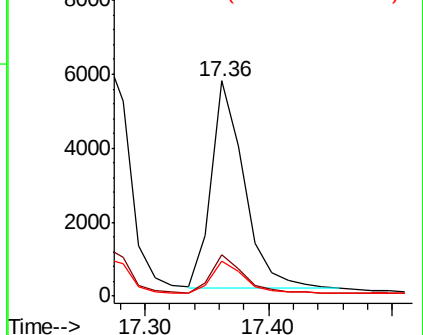
179 15.1 12.0 18.0

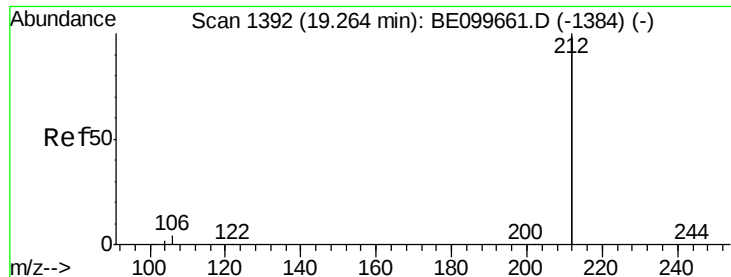


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.329 ng

RT: 19.27 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

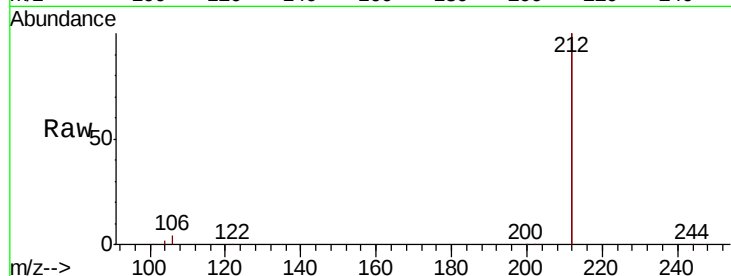
Tgt Ion:212 Resp: 65493

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

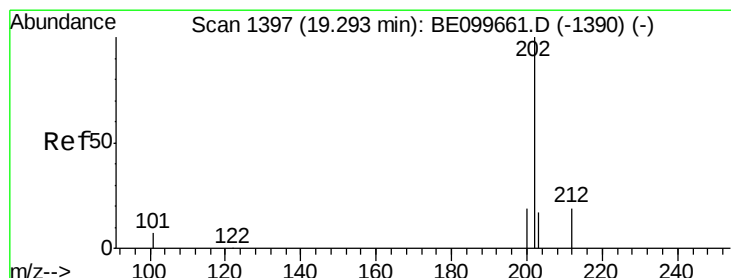
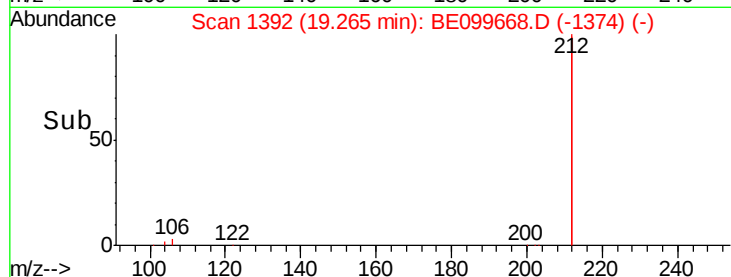
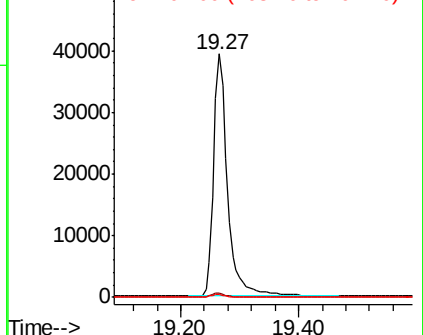
104 1.0 0.8 1.2



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: 0.332 ng

RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

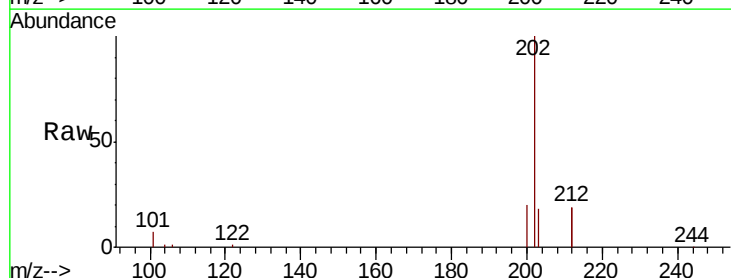
Tgt Ion:202 Resp: 18720

Ion Ratio Lower Upper

202 100

101 6.3 5.2 7.8

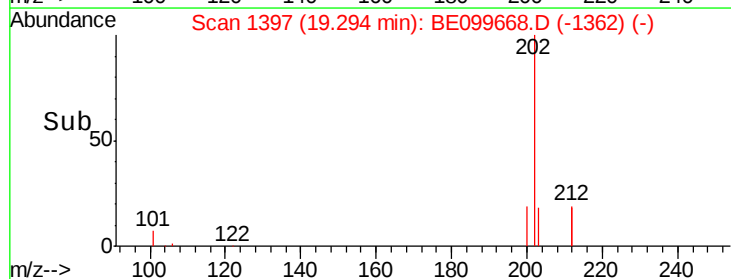
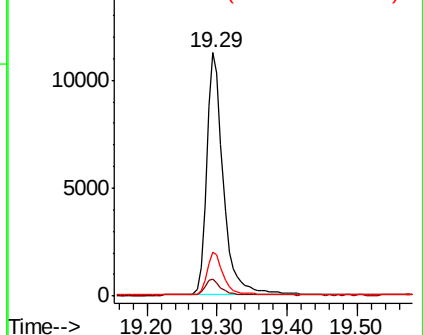
203 17.2 13.8 20.6

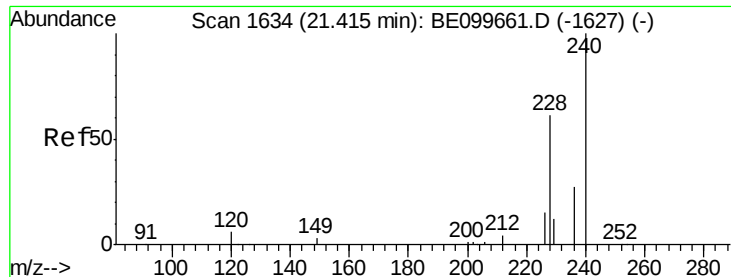


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

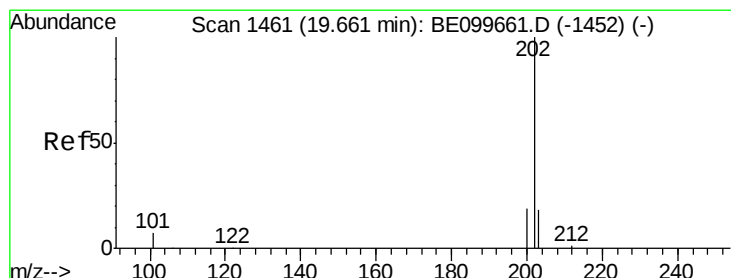
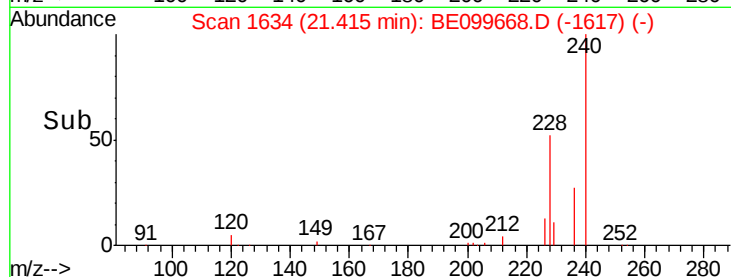
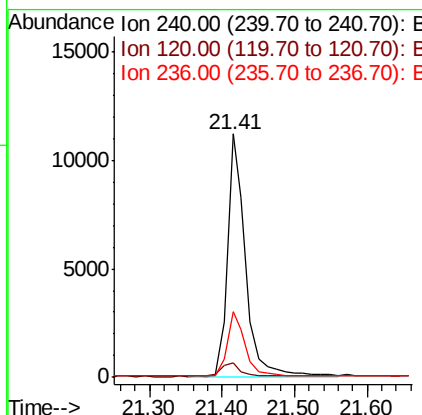
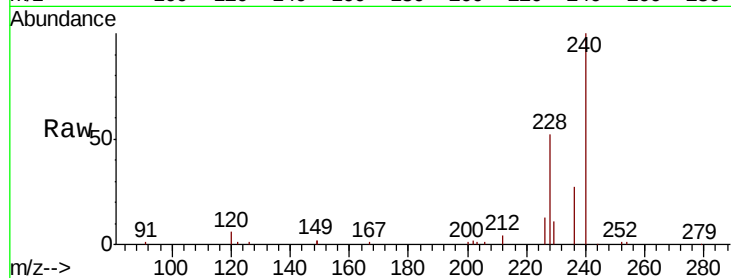




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099668.D
 Acq: 20 May 2019 19:54

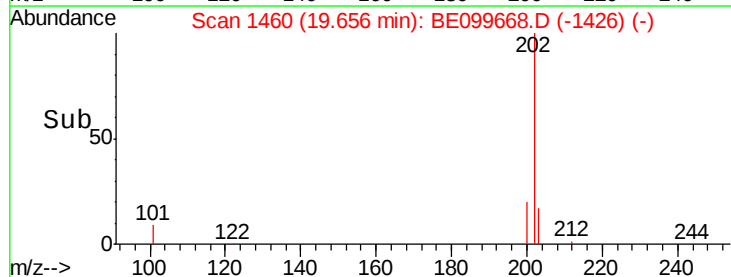
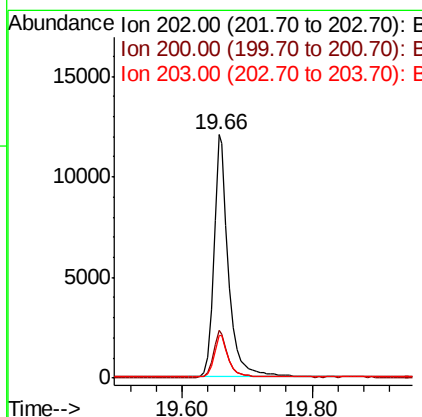
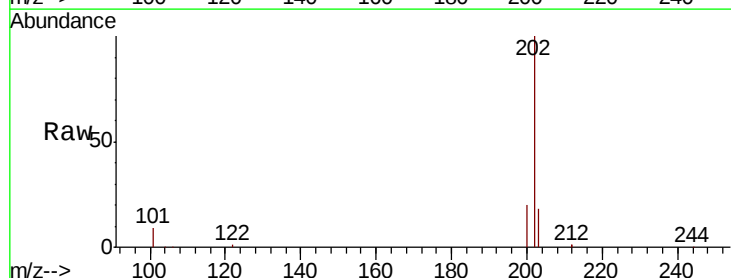
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

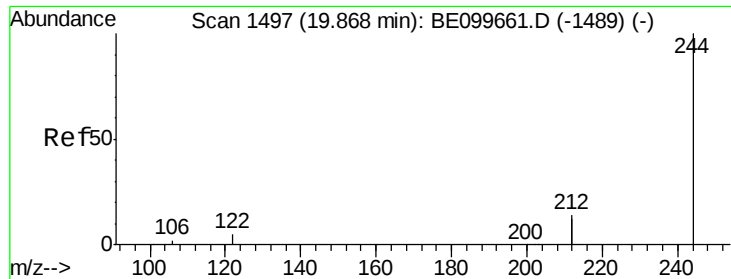
Tgt Ion:240 Resp: 19549
 Ion Ratio Lower Upper
 240 100
 120 5.8 5.4 8.0
 236 27.1 21.7 32.5



#28
 Pyrene
 Concen: 0.392 ng
 RT: 19.66 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BE099668.D
 Acq: 20 May 2019 19:54

Tgt Ion:202 Resp: 19251
 Ion Ratio Lower Upper
 202 100
 200 19.2 15.4 23.2
 203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

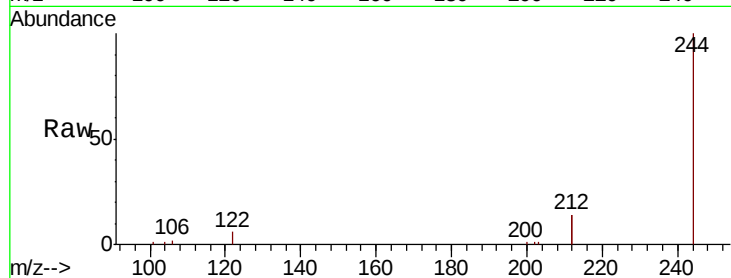
Tgt Ion:244 Resp: 13311

Ion Ratio Lower Upper

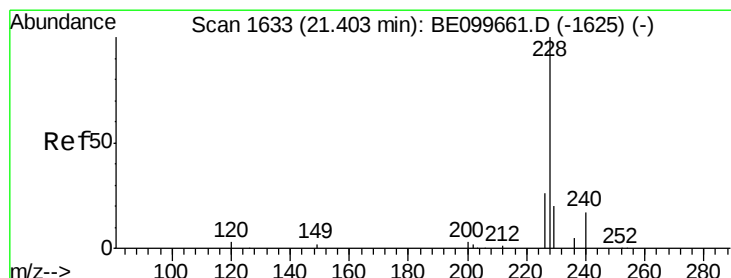
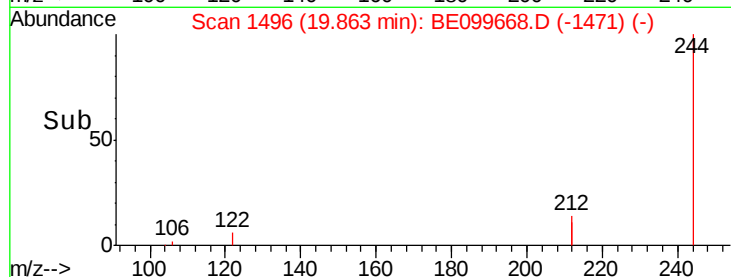
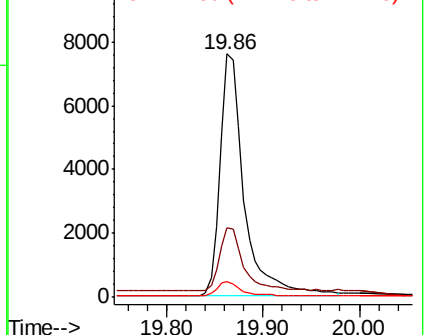
244 100

212 28.7 22.5 33.7

122 6.5 4.3 6.5



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: 0.371 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

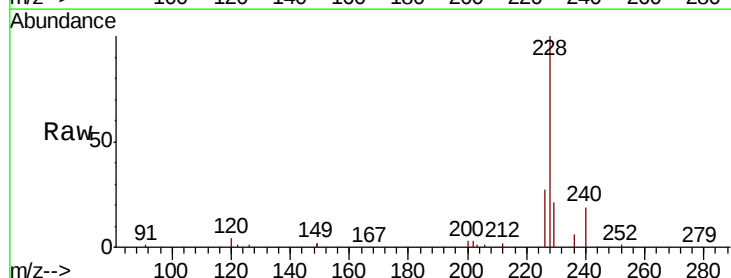
Tgt Ion:228 Resp: 20589

Ion Ratio Lower Upper

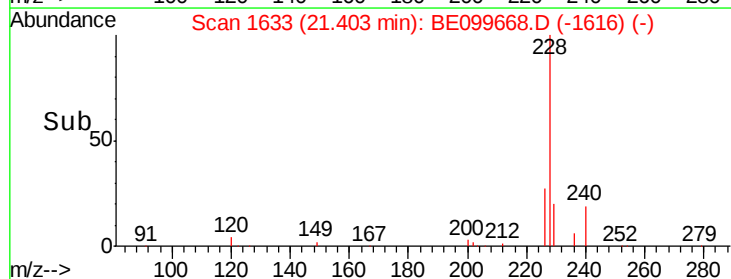
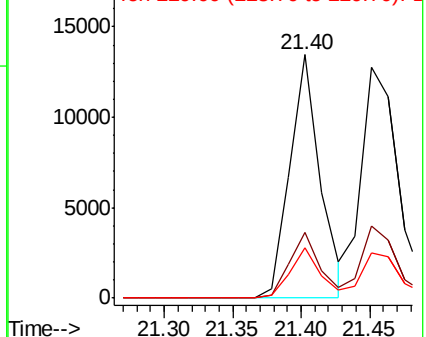
228 100

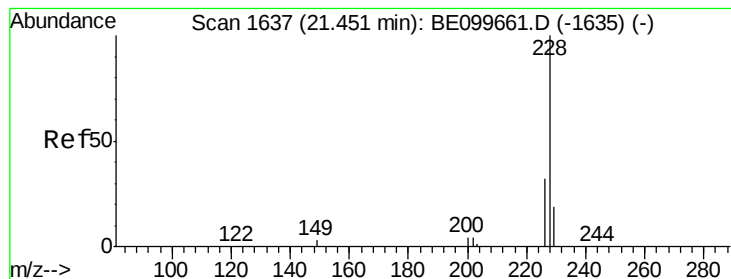
226 26.9 21.3 31.9

229 20.6 16.1 24.1



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: 0.392 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

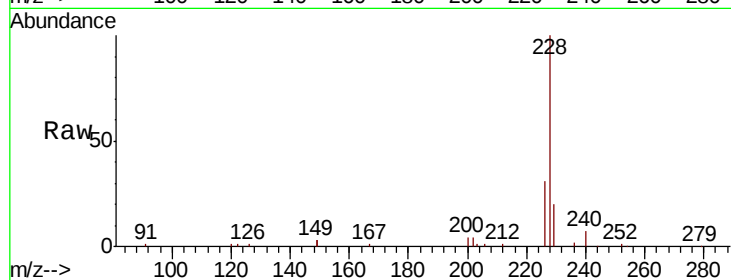
Tgt Ion:228 Resp: 23301

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

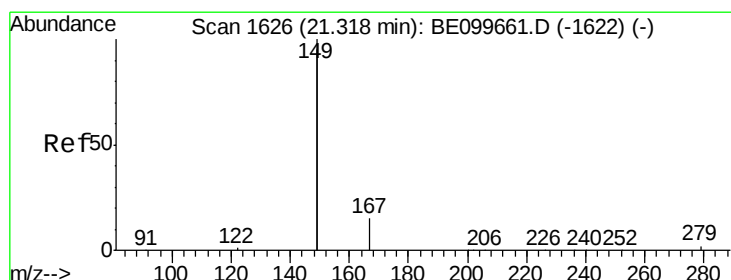
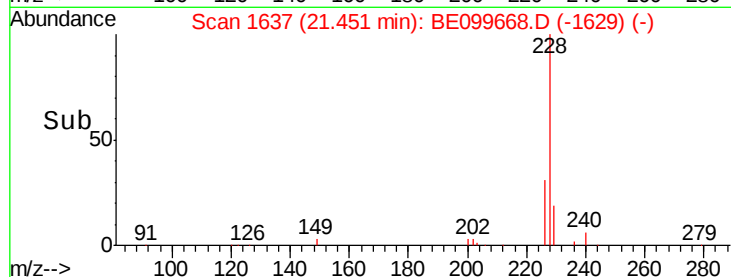
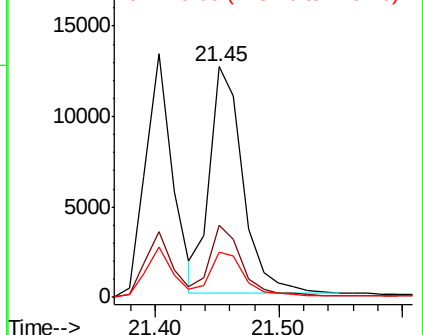
229 19.7 15.8 23.6



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: 0.324 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

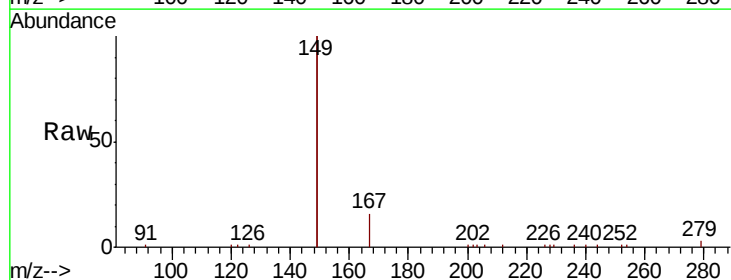
Tgt Ion:149 Resp: 20739

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

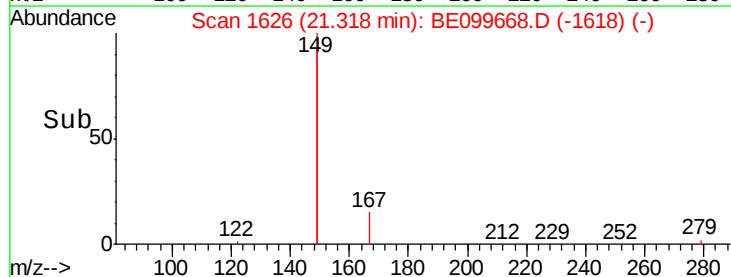
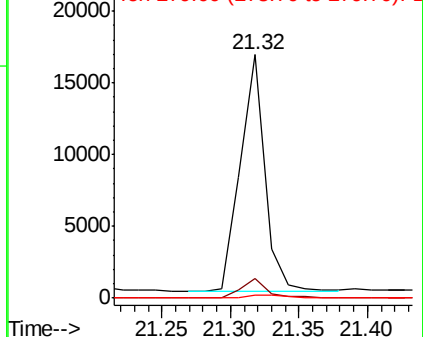
279 1.5 1.2 1.8

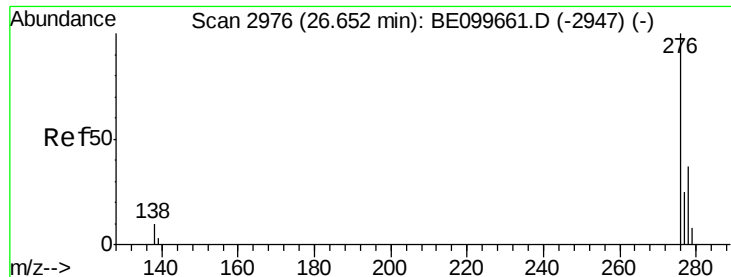


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.381 ng

RT: 26.65 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

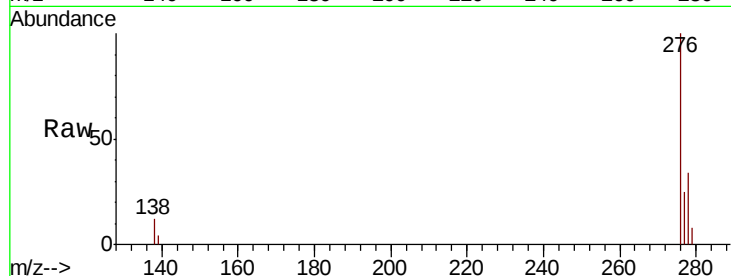
Tgt Ion:276 Resp: 27290

Ion Ratio Lower Upper

276 100

138 12.0 9.6 14.4

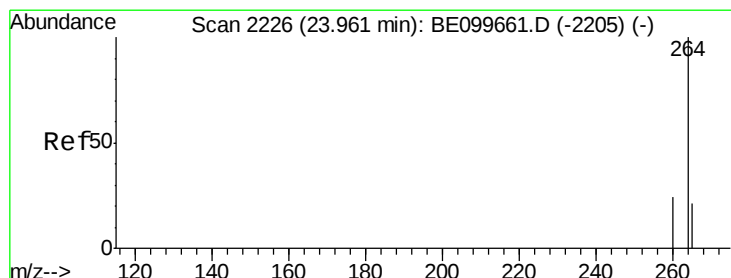
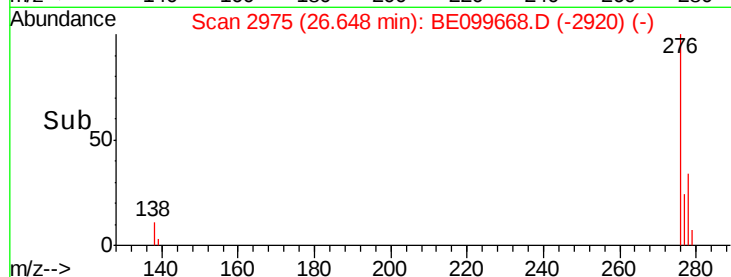
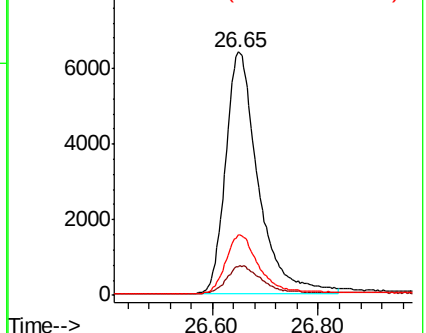
277 24.2 19.2 28.8



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: 23.96 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

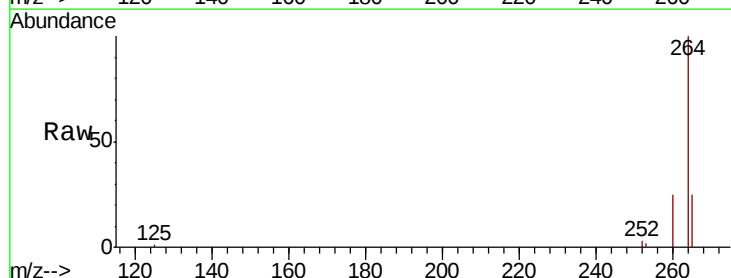
Tgt Ion:264 Resp: 22961

Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

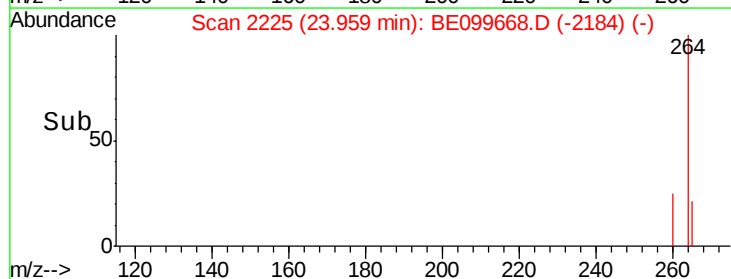
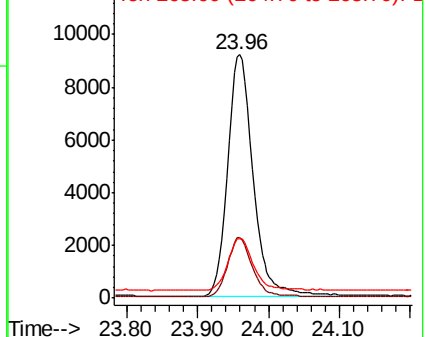
265 24.6 19.1 28.7

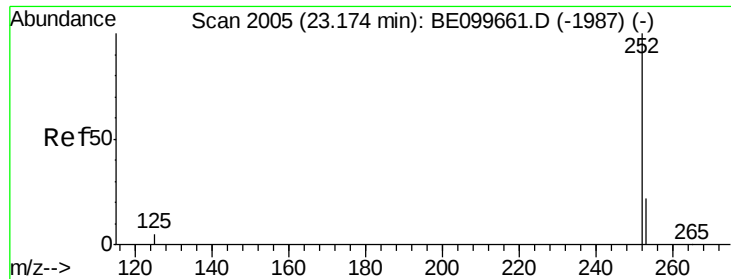


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.354 ng

RT: 23.17 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

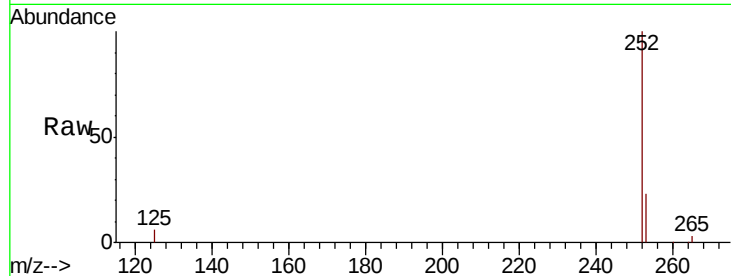
Tgt Ion:252 Resp: 22278

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

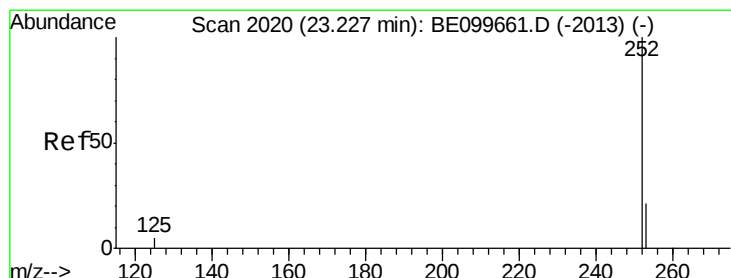
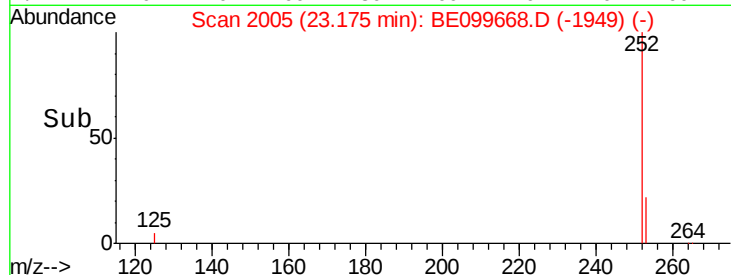
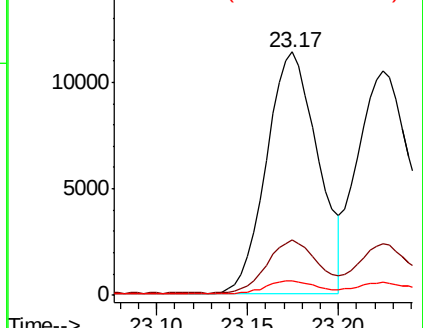
125 5.8 4.5 6.7



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: 0.364 ng

RT: 23.22 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

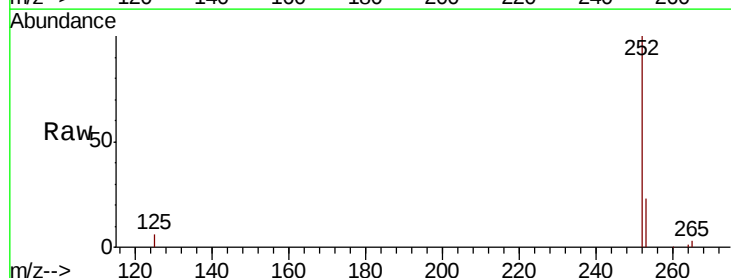
Tgt Ion:252 Resp: 23866

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

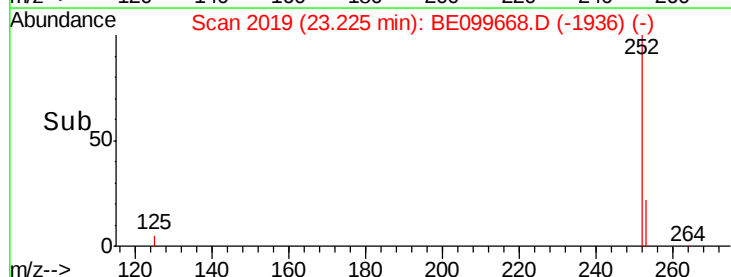
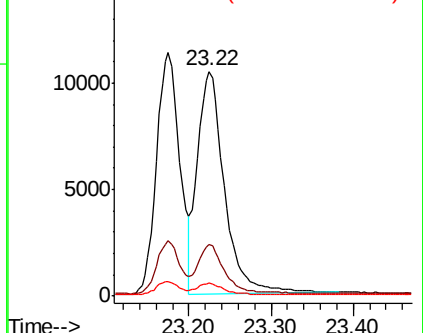
125 5.8 4.6 6.8

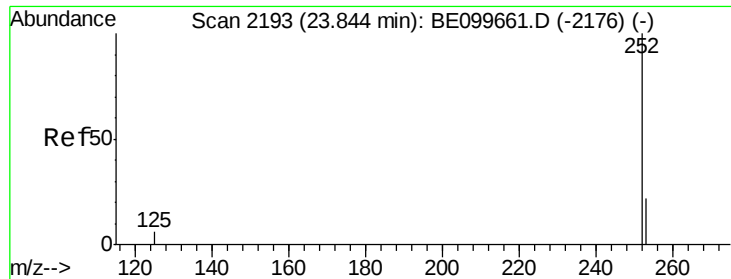


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.359 ng

RT: 23.84 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

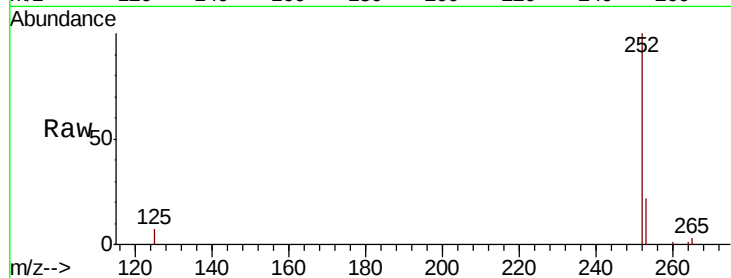
Tgt Ion:252 Resp: 21721

Ion Ratio Lower Upper

252 100

253 22.4 18.9 28.3

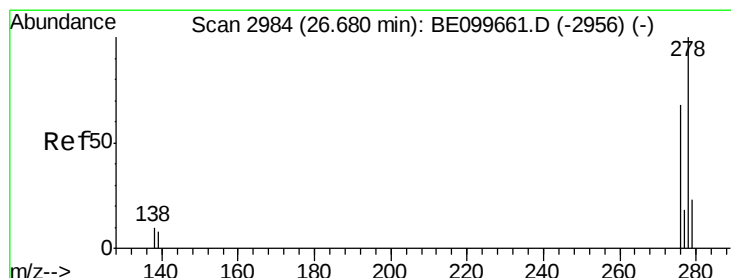
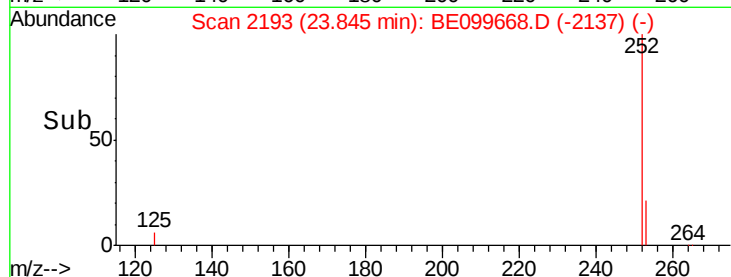
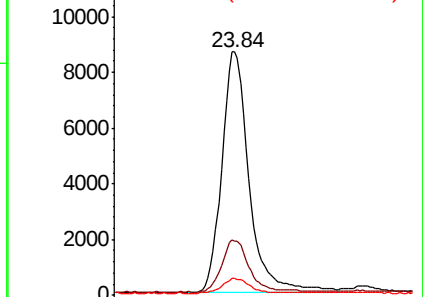
125 7.0 5.4 8.0



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: 0.349 ng

RT: 26.68 min Scan# 2983

Delta R.T. -0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

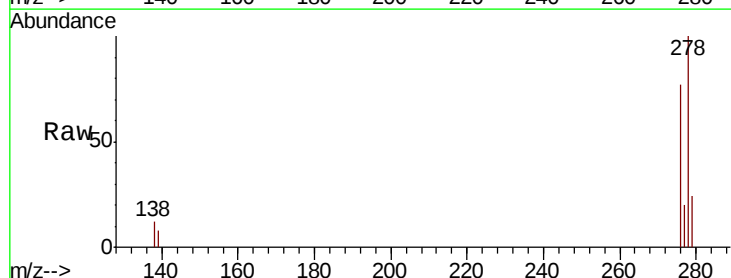
Tgt Ion:278 Resp: 22160

Ion Ratio Lower Upper

278 100

139 8.5 6.9 10.3

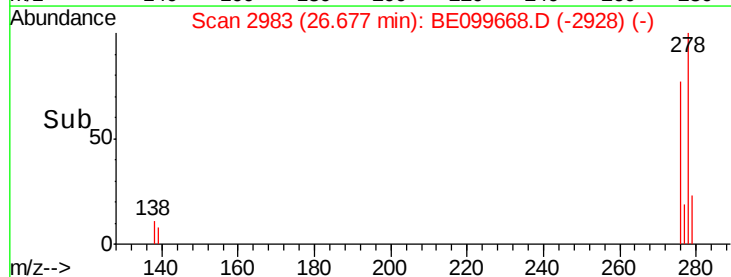
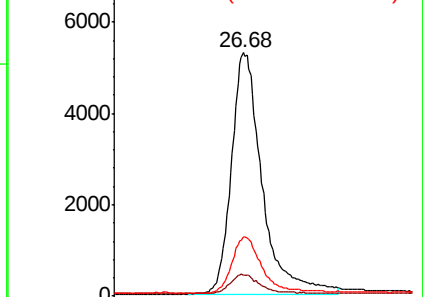
279 24.5 19.2 28.8

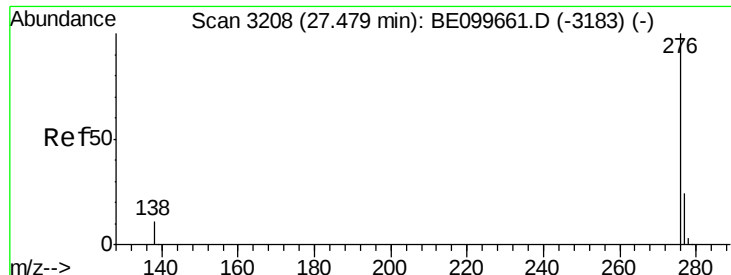


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.353 ng

RT: 27.48 min Scan# 3209

Delta R.T. 0.00 min

Lab File: BE099668.D

Acq: 20 May 2019 19:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

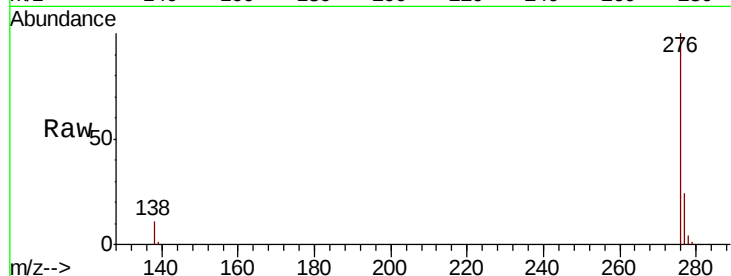
Tgt Ion: 276 Resp: 22671

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.6

138 11.4 9.2 13.8



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

