

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE032519\
 Data File : BE099181.D
 Acq On : 25 Mar 2019 13:46
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Mar 25 14:26:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 25 14:07:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	3945	0.40	ng	-0.01
7) Naphthalene-d8	10.63	136	17778	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	13190	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	33209	0.40	ng	0.00
27) Chrysene-d12	21.38	240	40091	0.40	ng	-0.01
34) Perylene-d12	23.89	264	38923	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	36557	3.11	ng	0.00
5) Phenol-d6	6.99	99	57710	3.41	ng	0.00
8) Nitrobenzene-d5	8.99	82	49907	6.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	109485	3.42	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	21849	5.63	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	167810	3.20	ng	0.00
25) Fluoranthene-d10	19.24	212	1341017	3.03	ng	0.00
29) Terphenyl-d14	19.83	244	279602	3.30	ng	0.00

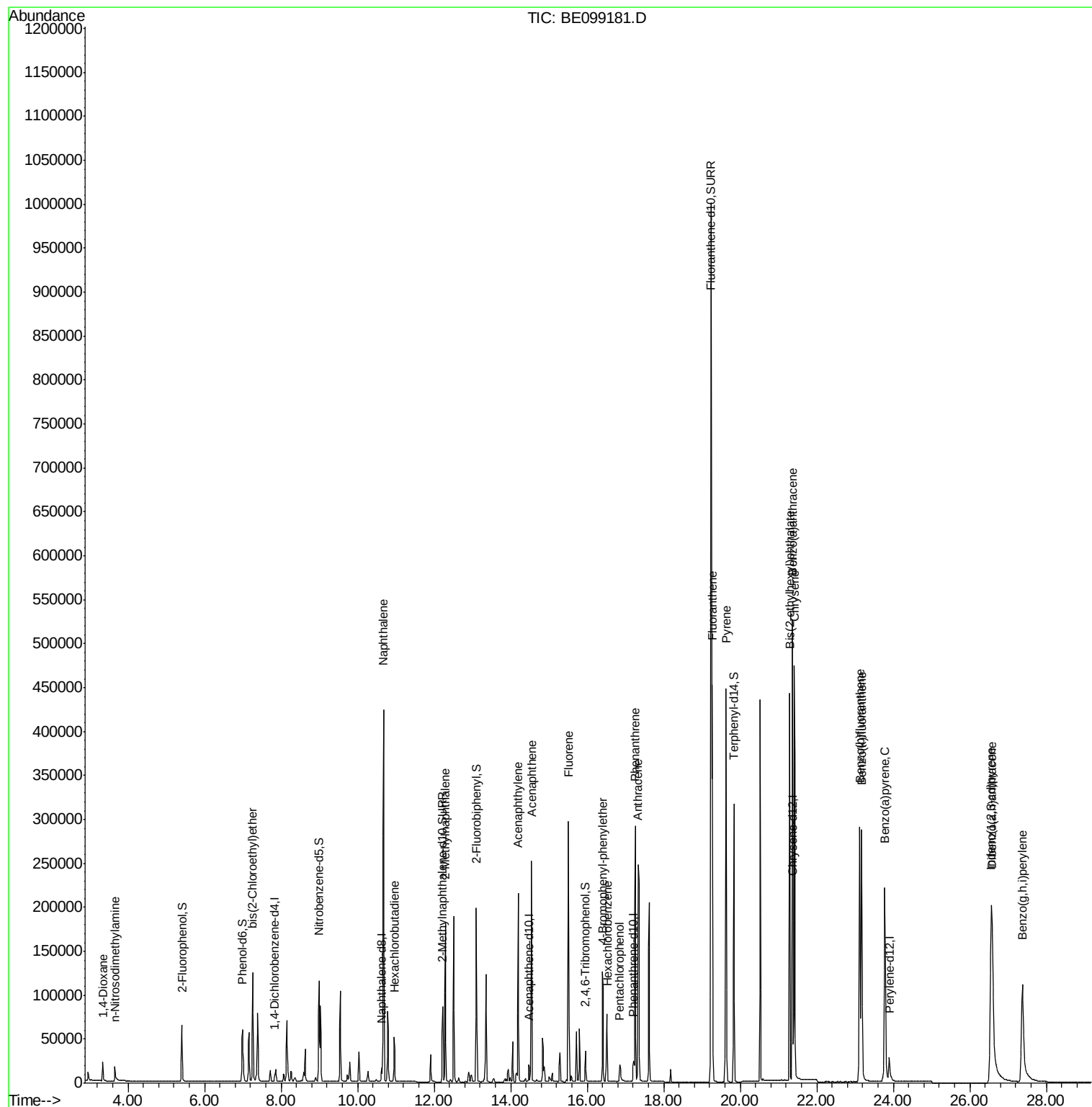
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	16024	2.618	ng	96
3) n-Nitrosodimethylamine	3.65	42	10826	3.428	ng	# 90
6) bis(2-Chloroethyl)ether	7.25	93	45836	3.335	ng	98
9) Naphthalene	10.68	128	664628	3.172	ng	100
10) Hexachlorobutadiene	10.95	225	35781	3.493	ng	96
12) 2-Methylnaphthalene	12.30	142	121378	3.383	ng	98
16) Acenaphthylene	14.20	152	228868	3.251	ng	100
17) Acenaphthene	14.54	154	130417	3.124	ng	98
18) Fluorene	15.51	166	182397	2.995	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	71383	3.883	ng	98
21) Hexachlorobenzene	16.52	284	66206	3.878	ng	99
22) Pentachlorophenol	16.85	266	13587	2.194	ng	# 88
23) Phenanthrene	17.25	178	309952	3.143	ng	100
24) Anthracene	17.33	178	301375	3.230	ng	100
26) Fluoranthene	19.27	202	411156	2.963	ng	99
28) Pyrene	19.63	202	416478	3.063	ng	100
30) Benzo(a)anthracene	21.37	228	428107	3.031	ng	100
31) Chrysene	21.42	228	439086	3.111	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	542019	2.957	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	447071	2.946	ng	98
35) Benzo(b)fluoranthene	23.12	252	418401	3.107	ng	99
36) Benzo(k)fluoranthene	23.17	252	440009	3.335	ng	99
37) Benzo(a)pyrene	23.78	252	394176	3.167	ng	98
38) Dibenzo(a,h)anthracene	26.58	278	372826	3.081	ng	98
39) Benzo(g,h,i)perylene	27.37	276	365294	2.939	ng	100

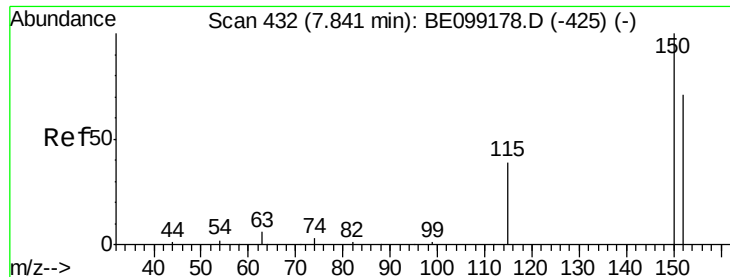
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.83 min Scan# 431

Delta R.T. -0.01 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

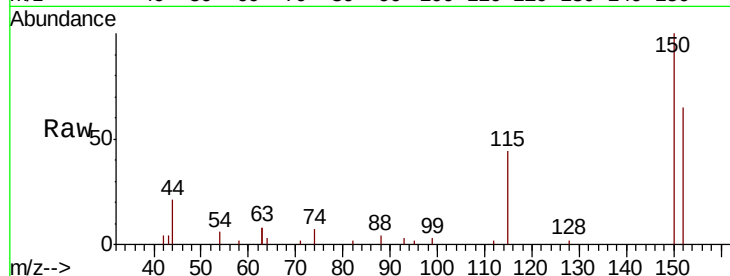
Tot Ion:152 Resp: 3945

Ion Ratio Lower Upper

152 100

150 153.1 112.8 169.2

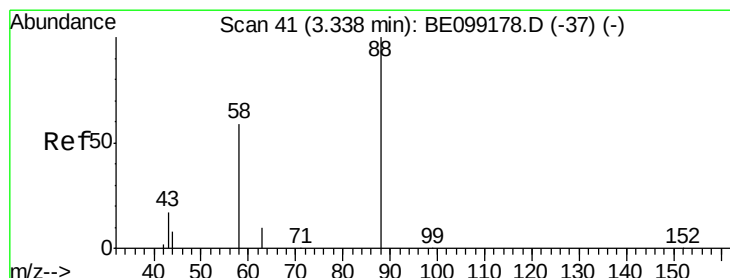
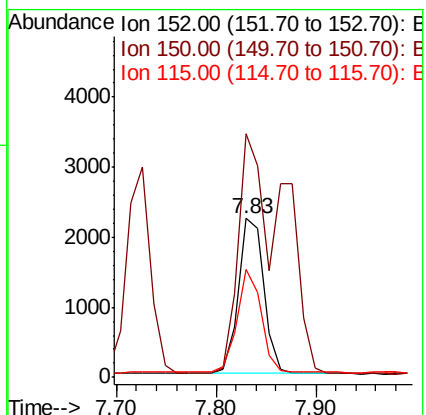
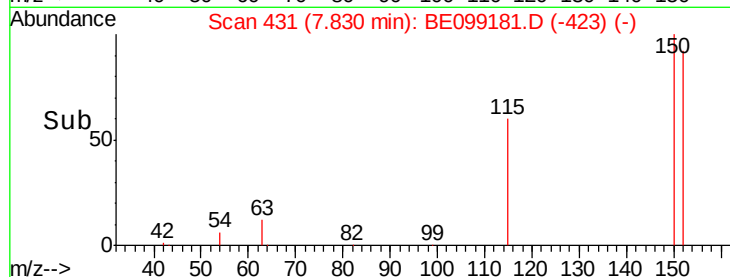
115 67.5 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.618 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

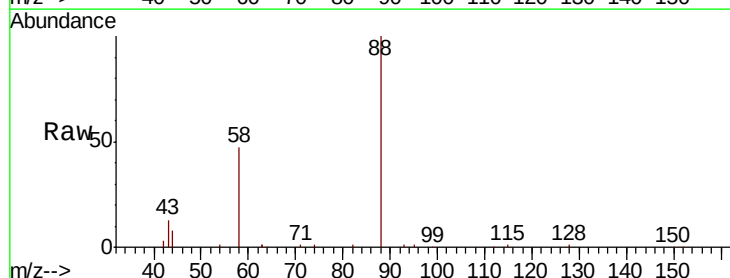
Tgt Ion: 88 Resp: 16024

Ion Ratio Lower Upper

88 100

58 63.0 47.4 71.0

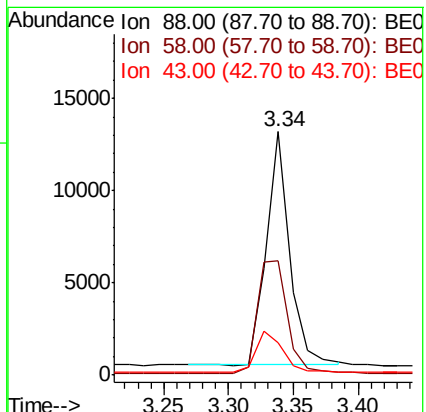
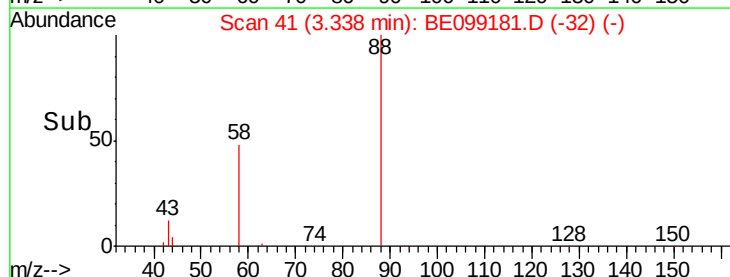
43 20.0 15.6 23.4

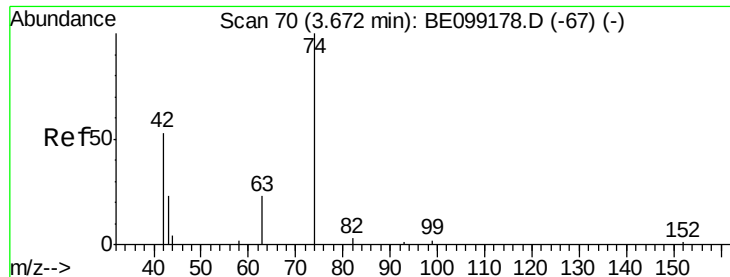


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 3.428 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

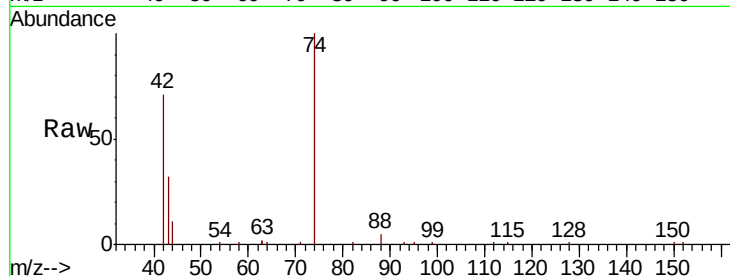
Tot Ion: 42 Resp: 10826

Ion Ratio Lower Upper

42 100

74 184.9 138.6 207.8

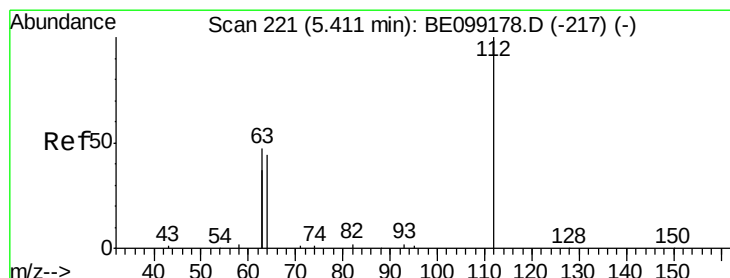
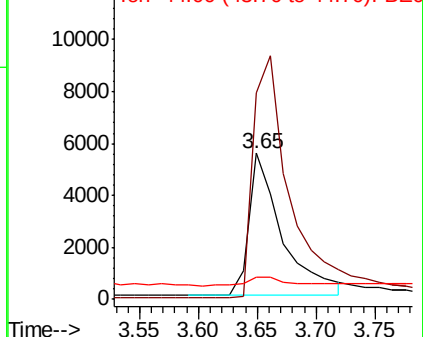
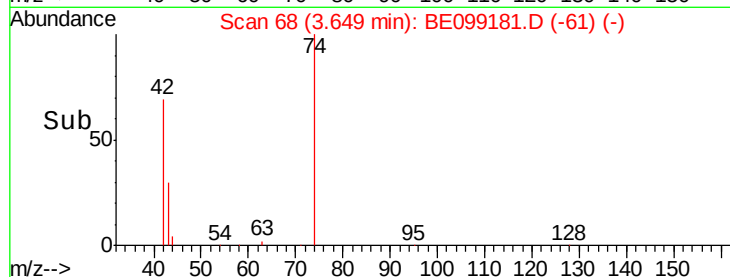
44 8.2 15.0 22.6#



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: 3.112 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

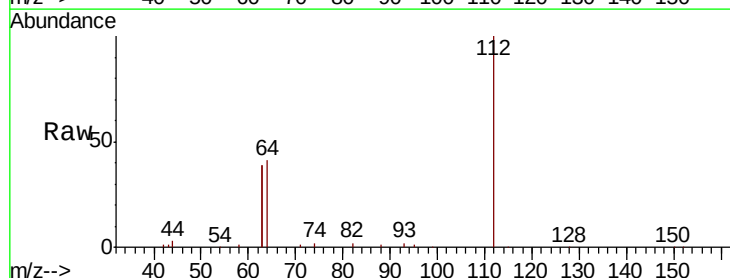
Tgt Ion: 112 Resp: 36557

Ion Ratio Lower Upper

112 100

64 57.4 46.2 69.2

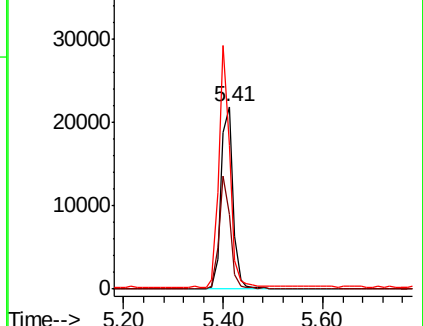
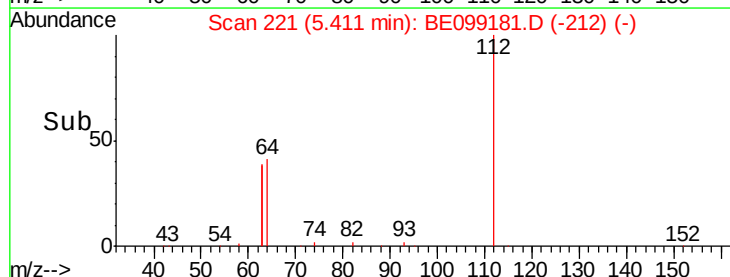
63 119.8 89.9 134.9

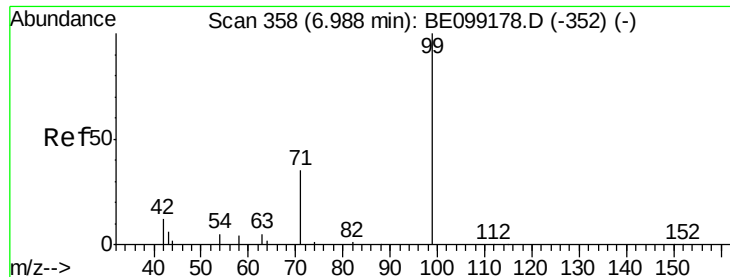


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.413 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

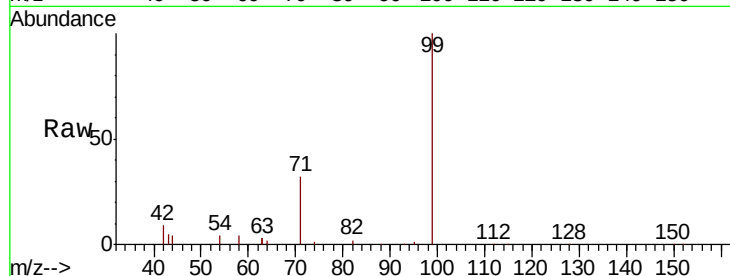
Tot Ion: 99 Resp: 57710

Ion Ratio Lower Upper

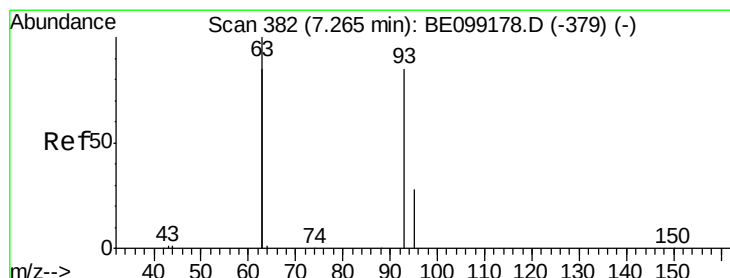
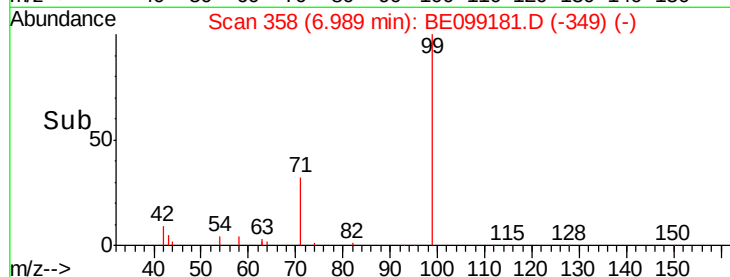
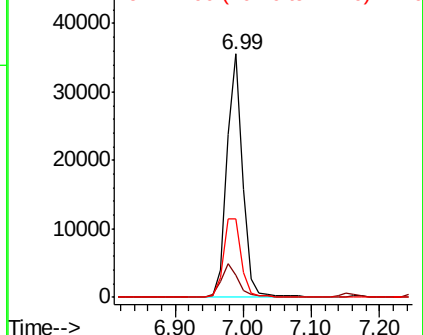
99 100

42 14.5 12.4 18.6

71 37.1 28.4 42.6



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: 3.335 ng

RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

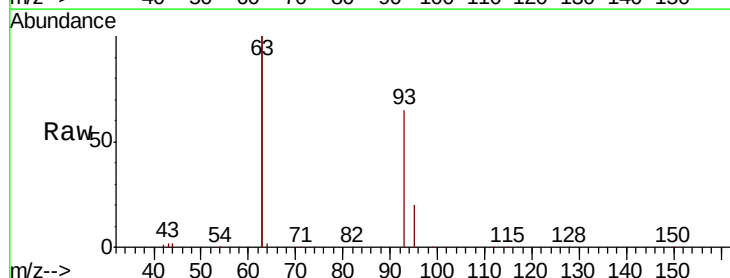
Tgt Ion: 93 Resp: 45836

Ion Ratio Lower Upper

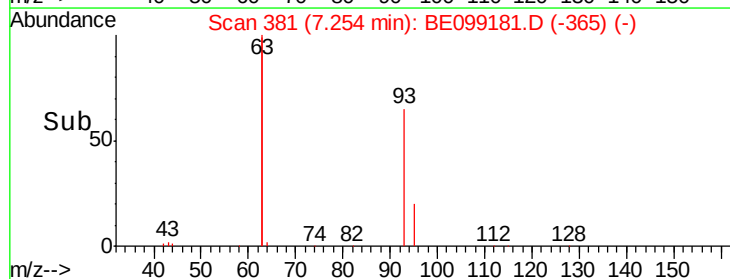
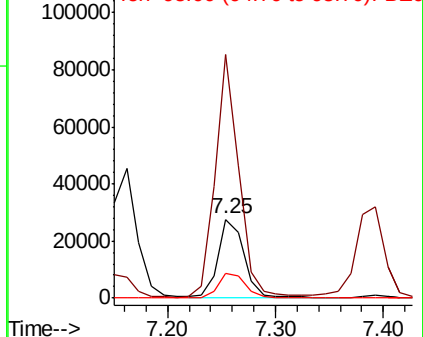
93 100

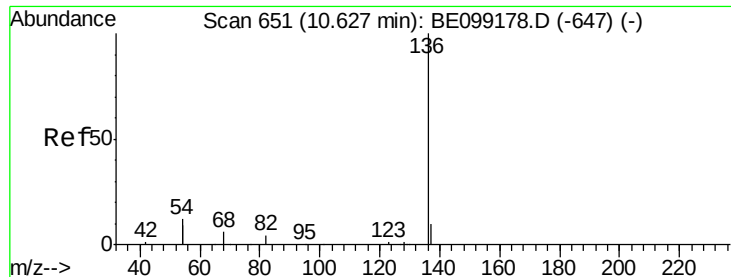
63 281.5 221.4 332.0

95 32.0 25.8 38.8



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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 17778

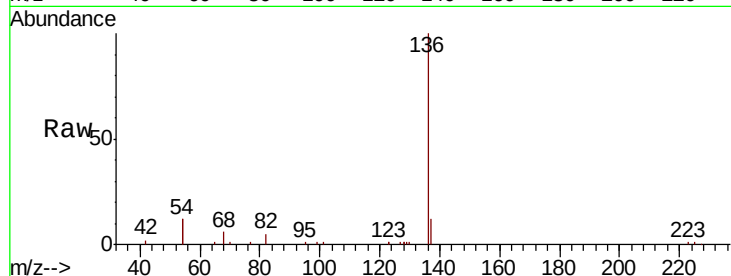
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 23.3 18.7 28.1

68 6.3 5.2 7.8

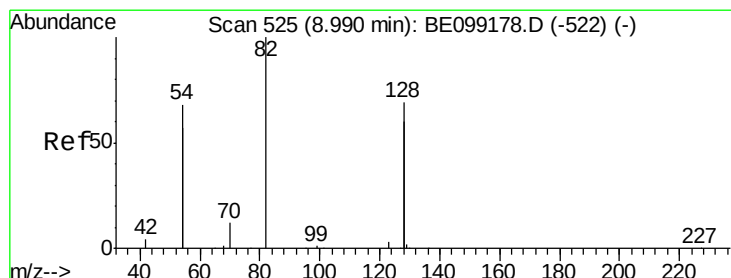
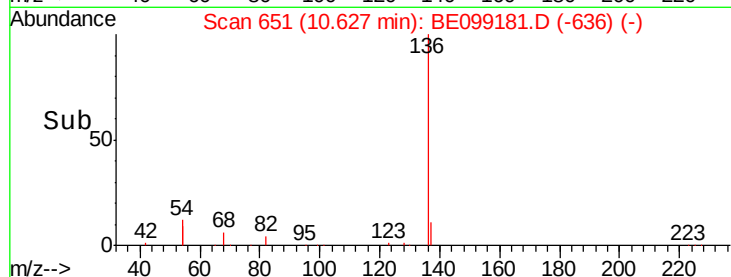
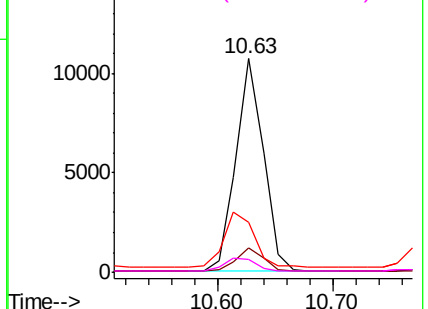


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.421 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

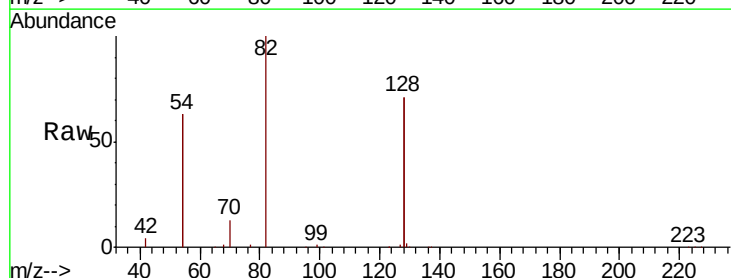
Tgt Ion: 82 Resp: 49907

Ion Ratio Lower Upper

82 100

128 141.7 107.5 161.3

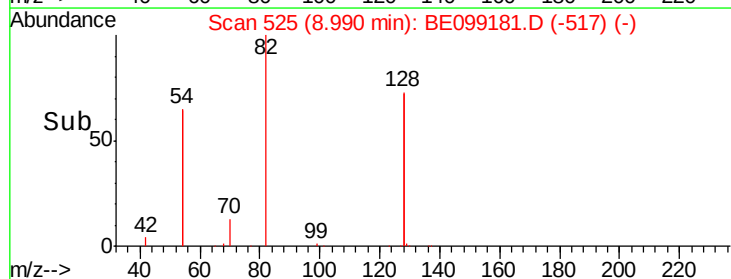
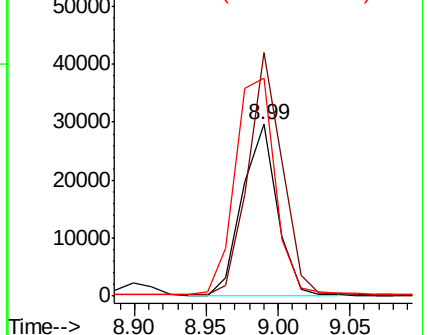
54 126.6 106.3 159.5

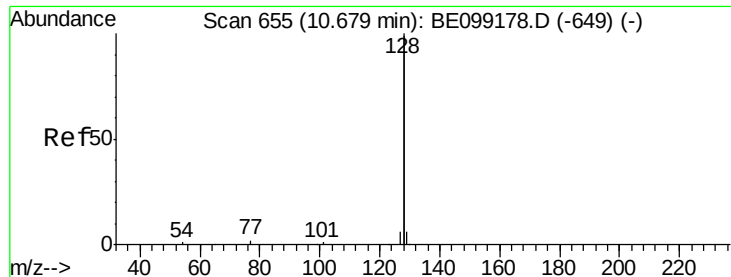


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.172 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

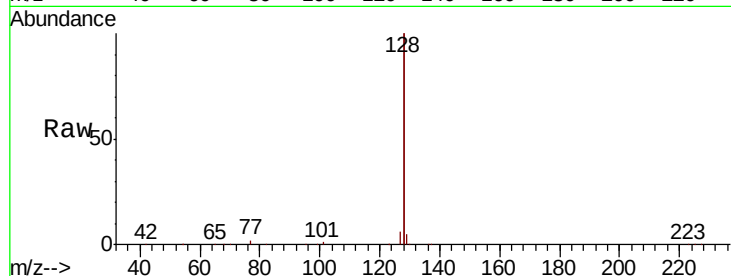
Tot Ion:128 Resp: 664628

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

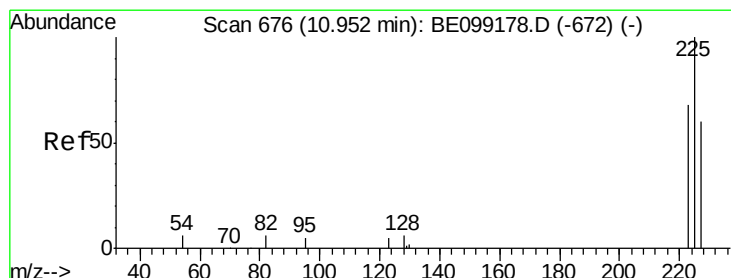
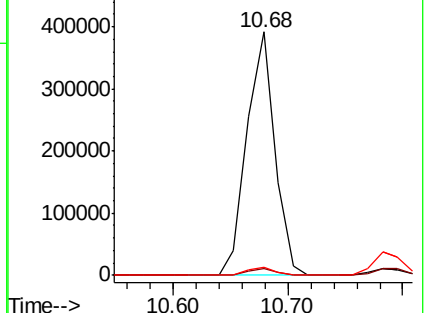
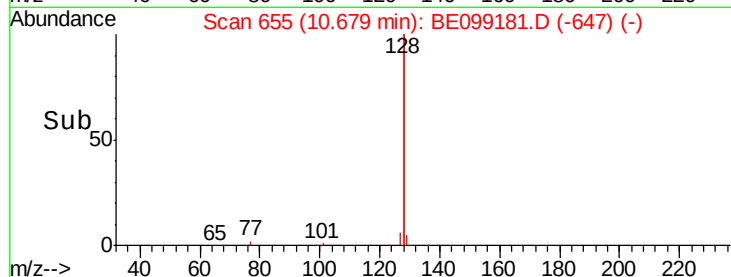
127 3.2 2.6 3.8



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: 3.493 ng

RT: 10.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

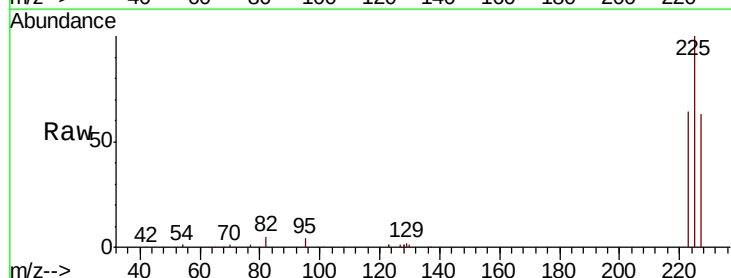
Tgt Ion:225 Resp: 35781

Ion Ratio Lower Upper

225 100

223 62.2 51.3 76.9

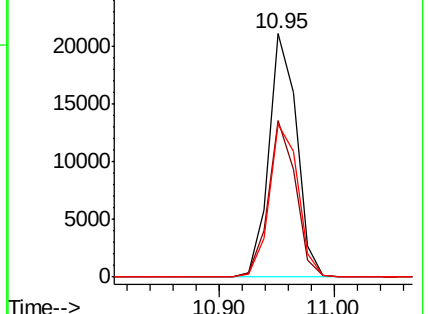
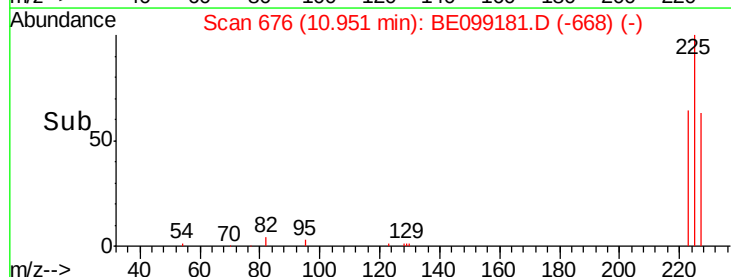
227 64.4 48.6 73.0

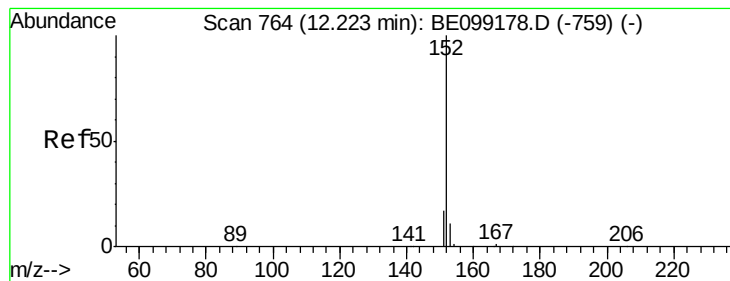


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.419 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

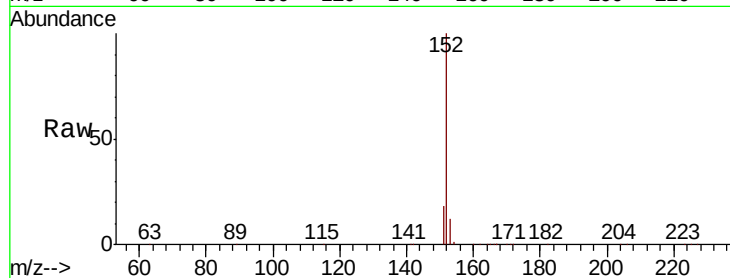
SSTDICC3.2

Tot Ion:152 Resp: 109485

Ion Ratio Lower Upper

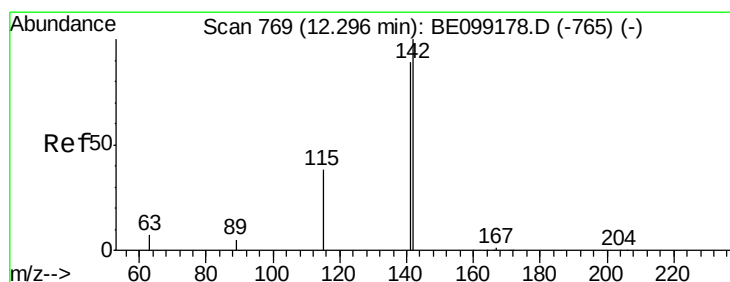
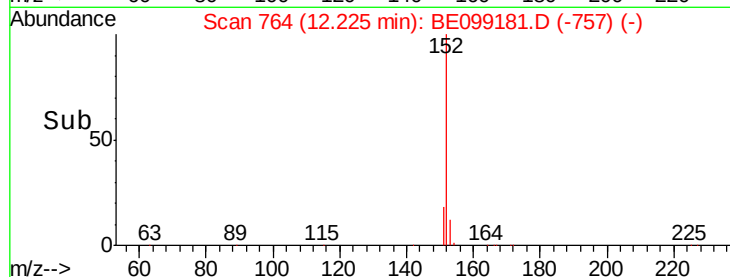
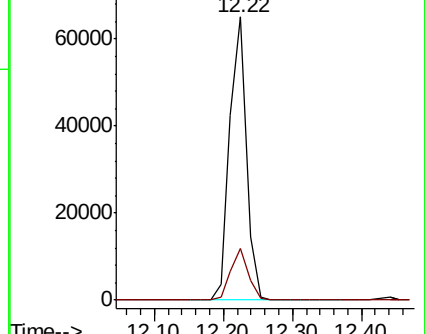
152 100

151 19.2 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.383 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

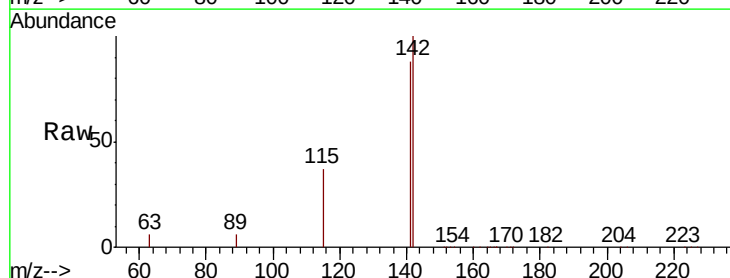
Tgt Ion:142 Resp: 121378

Ion Ratio Lower Upper

142 100

141 87.7 71.3 106.9

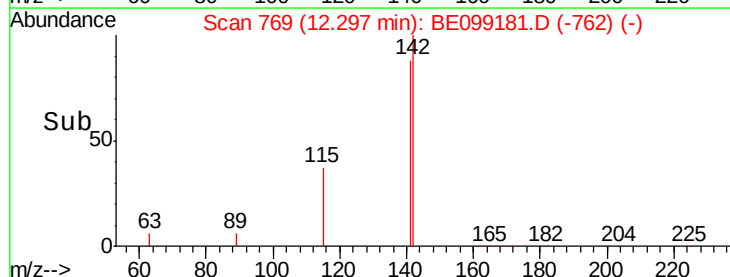
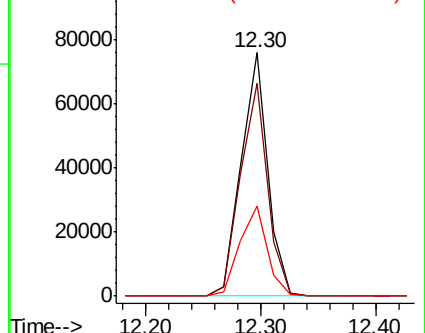
115 37.1 30.4 45.6

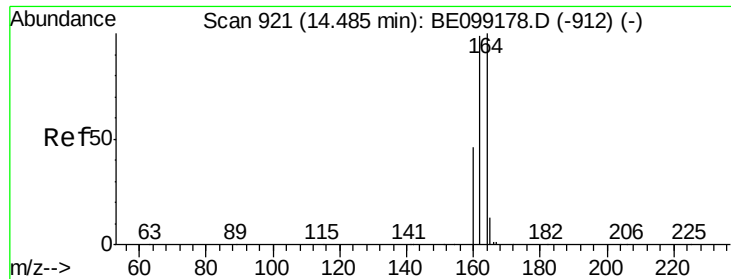


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

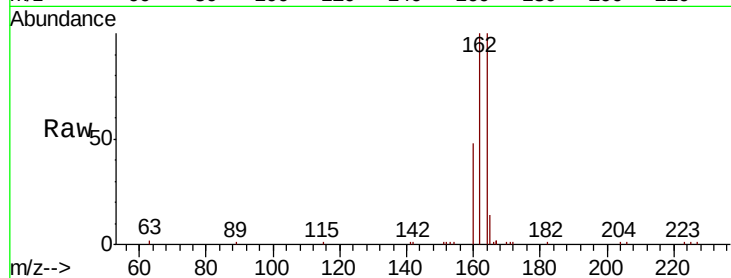




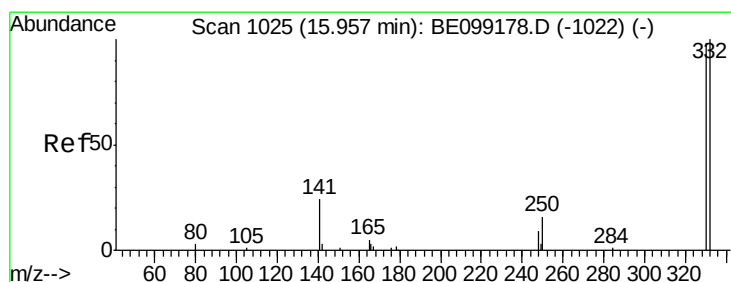
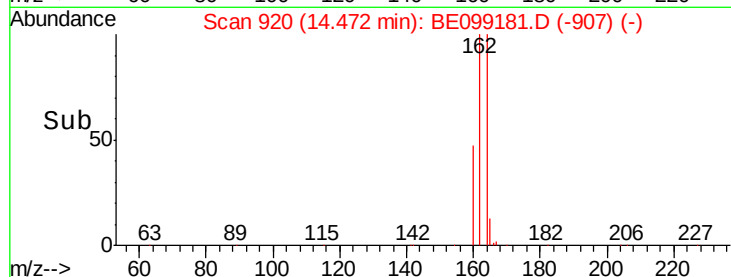
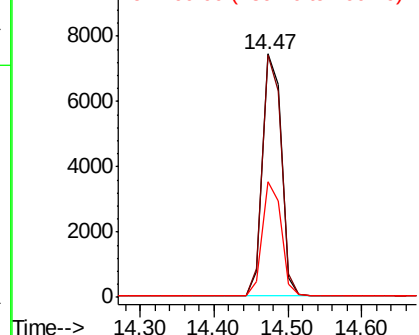
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:164 Resp: 13190
Ion Ratio Lower Upper
164 100
162 99.8 79.2 118.8
160 47.6 36.7 55.1

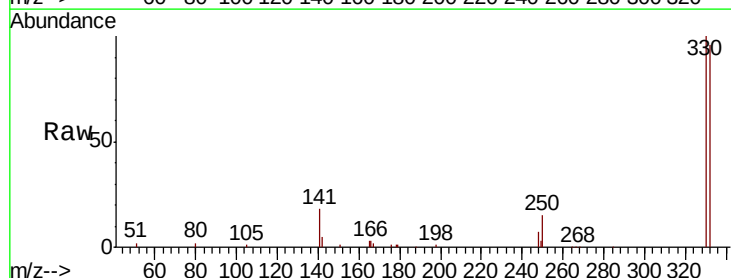


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

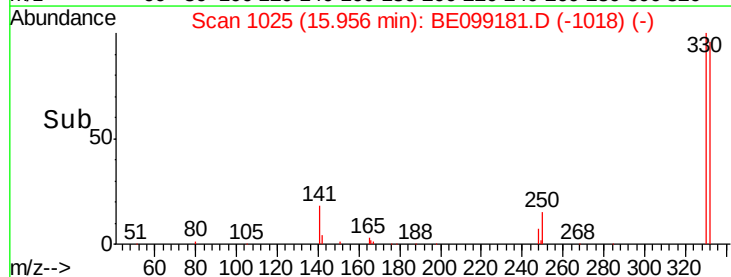
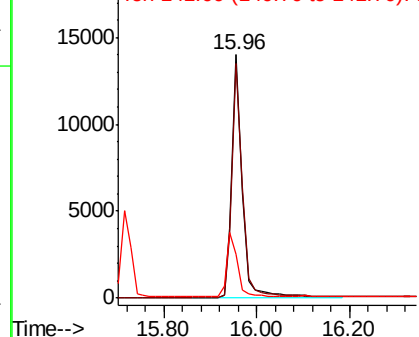


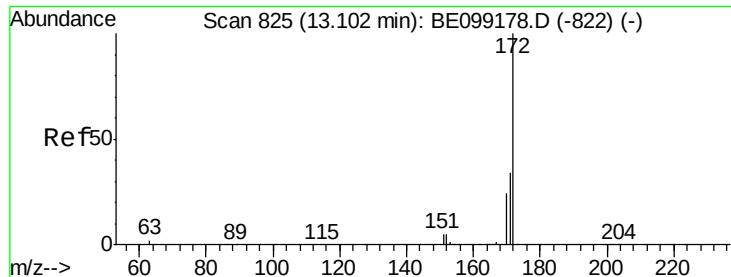
#14
2,4,6-Tribromophenol
Concen: 5.635 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:330 Resp: 21849
Ion Ratio Lower Upper
330 100
332 96.9 71.3 106.9
141 28.6 21.7 32.5



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

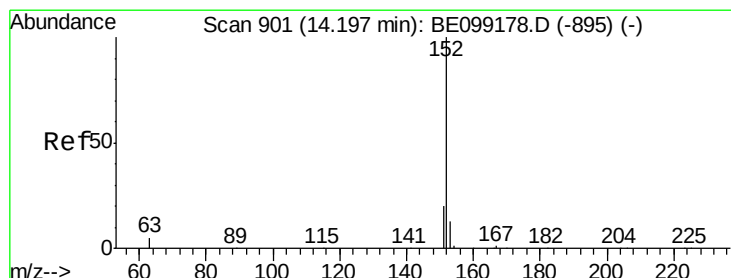
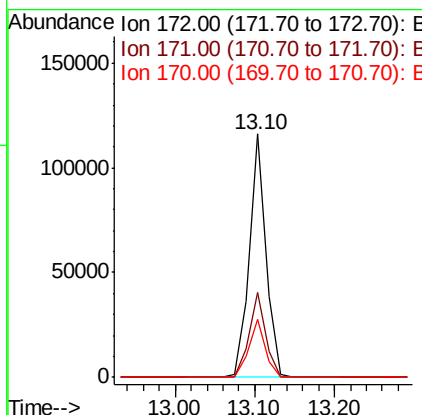
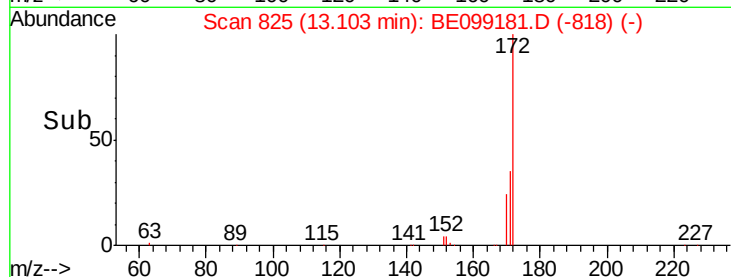
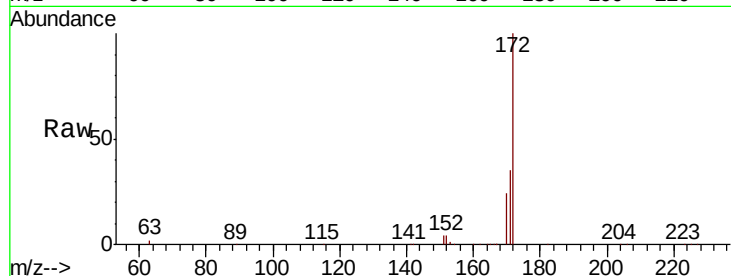




#15
2-Fluorobiphenyl
Concen: 3.199 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

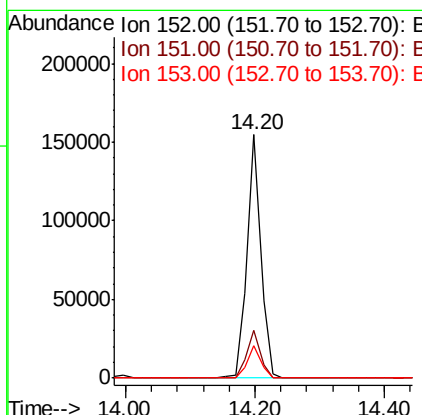
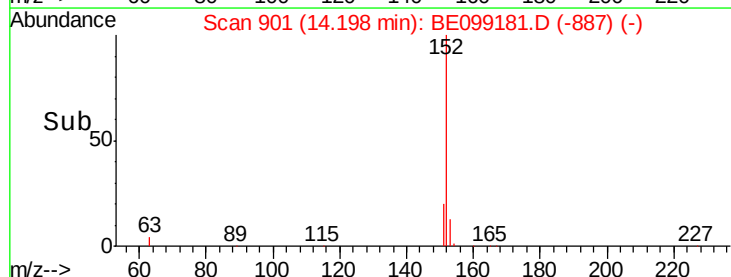
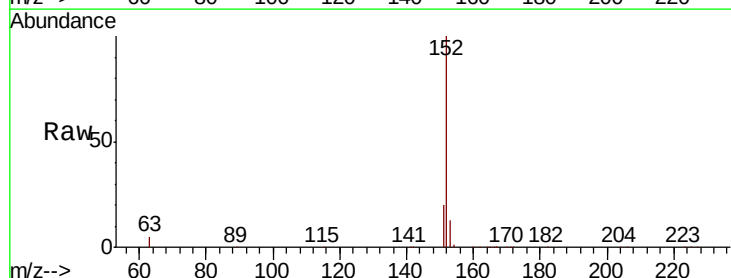
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

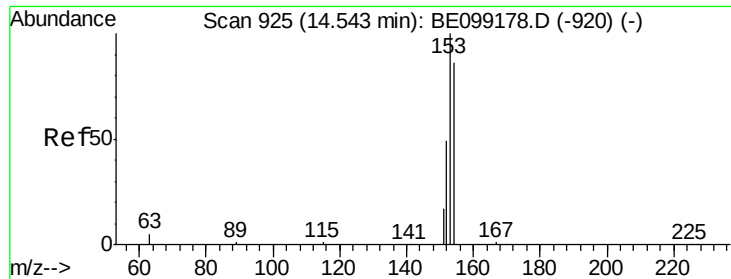
Tot Ion:172 Resp: 167810
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.7 19.1 28.7



#16
Acenaphthylene
Concen: 3.251 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:152 Resp: 228868
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.0 10.6 15.8

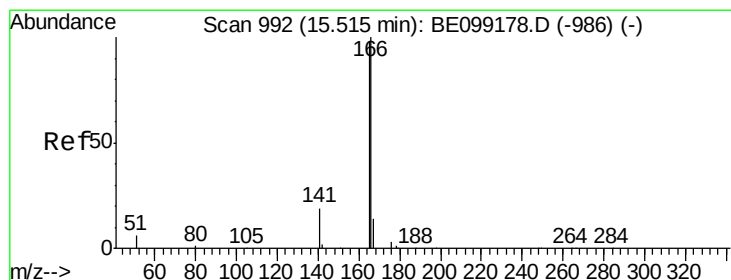
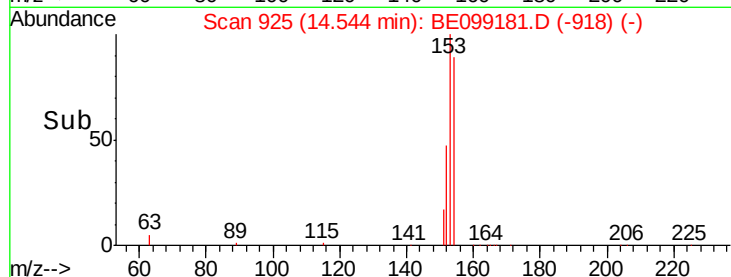
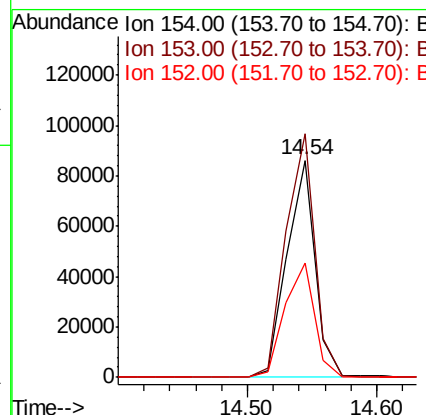
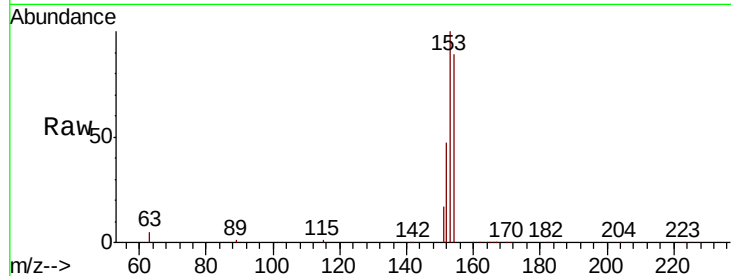




#17
Acenaphthene
Concen: 3.124 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

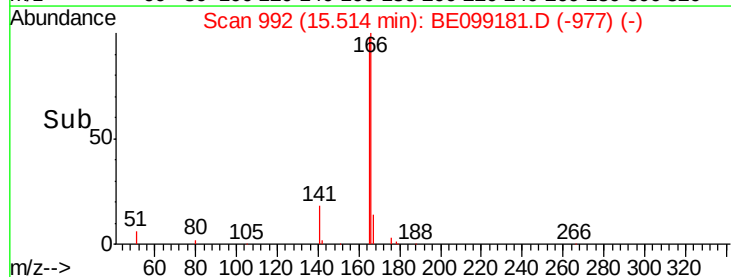
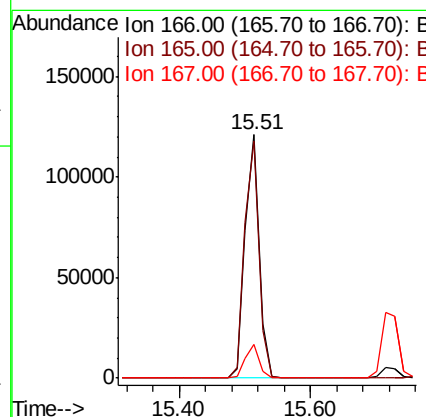
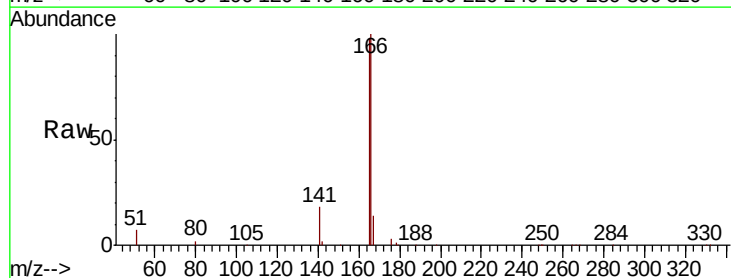
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

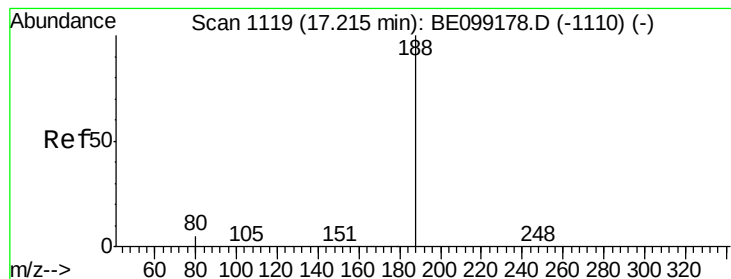
Tot Ion:154 Resp: 130417
Ion Ratio Lower Upper
154 100
153 115.0 93.4 140.0
152 55.6 46.6 69.8



#18
Fluorene
Concen: 2.995 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:166 Resp: 182397
Ion Ratio Lower Upper
166 100
165 99.4 78.9 118.3
167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

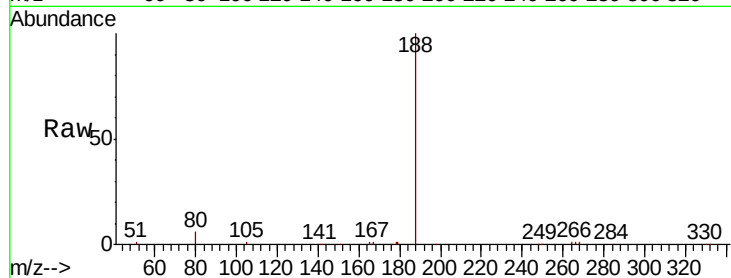
Tot Ion:188 Resp: 33209

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

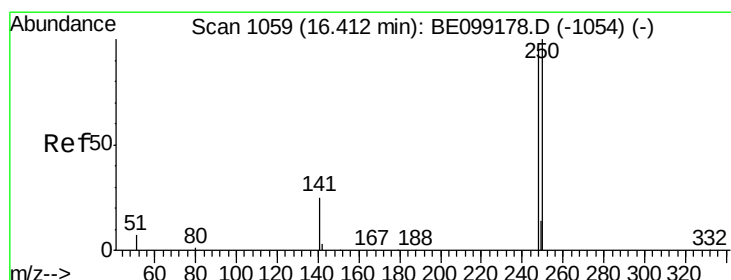
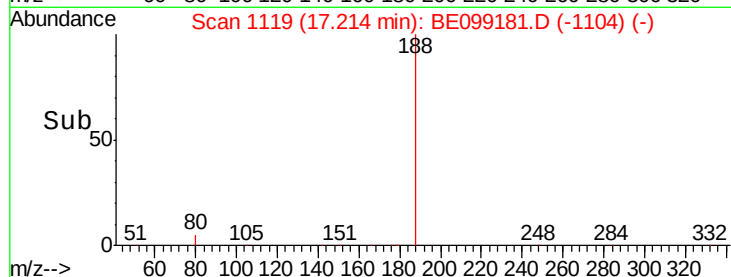
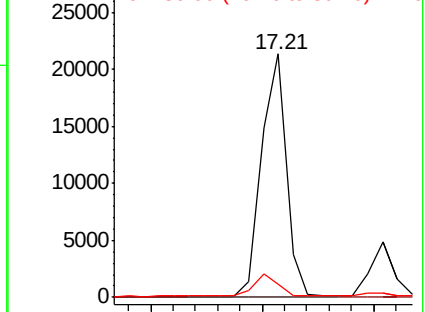
80 5.6 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 3.883 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

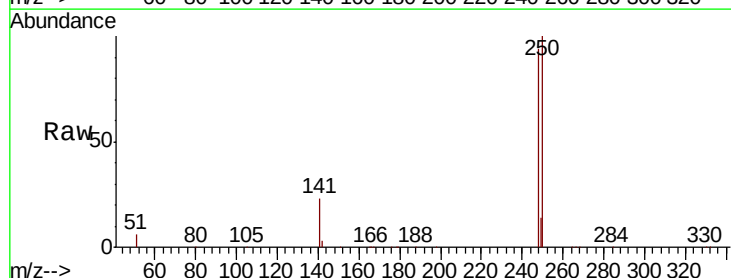
Tgt Ion:248 Resp: 71383

Ion Ratio Lower Upper

248 100

250 106.9 84.2 126.2

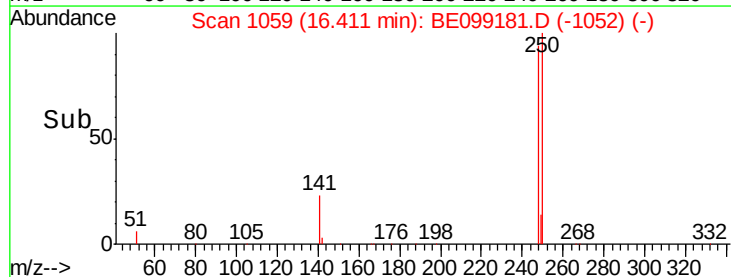
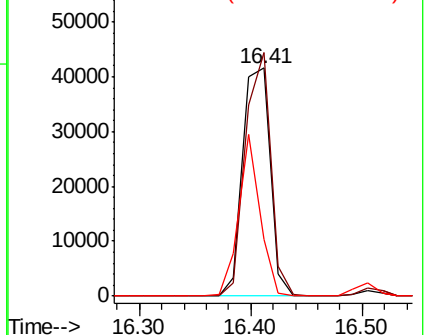
141 24.7 21.8 32.6

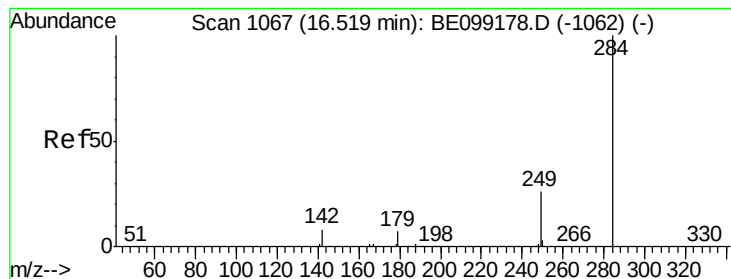


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.878 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

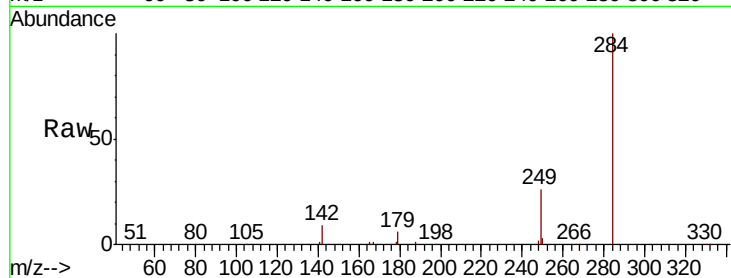
Tot Ion:284 Resp: 66206

Ion Ratio Lower Upper

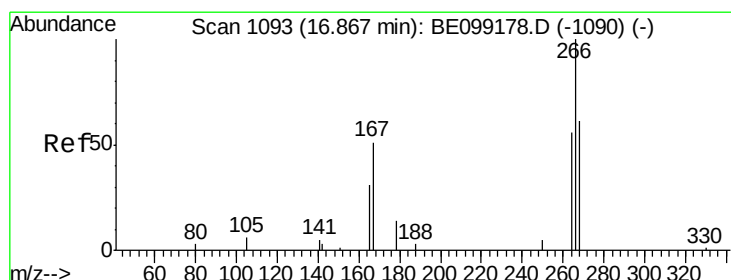
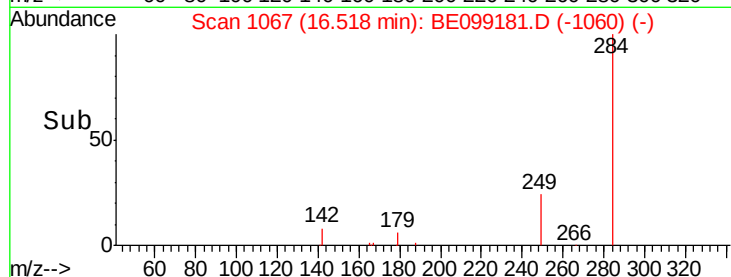
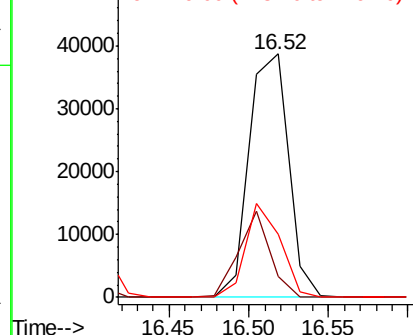
284 100

142 28.7 22.7 34.1

249 34.0 26.9 40.3



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: 2.194 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

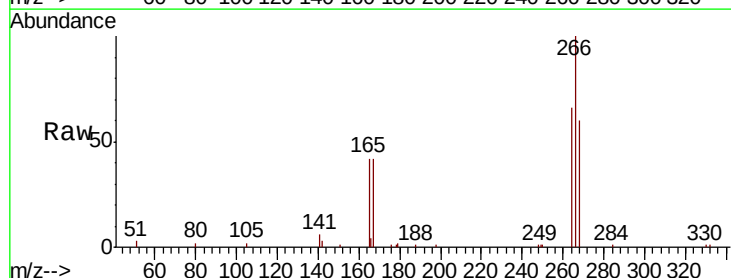
Tgt Ion:266 Resp: 13587

Ion Ratio Lower Upper

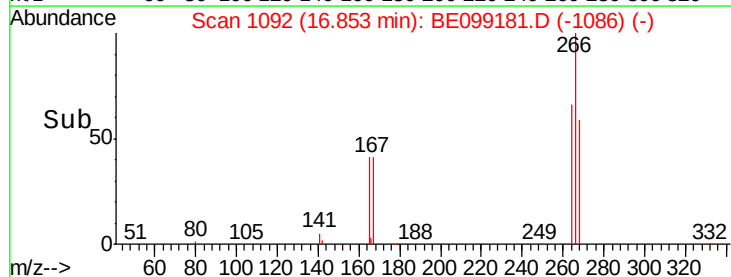
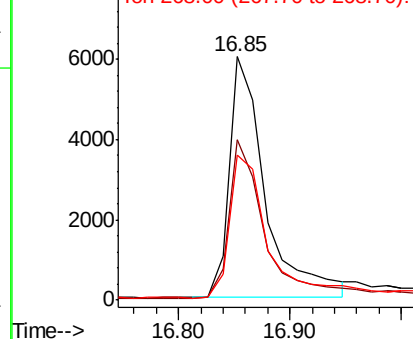
266 100

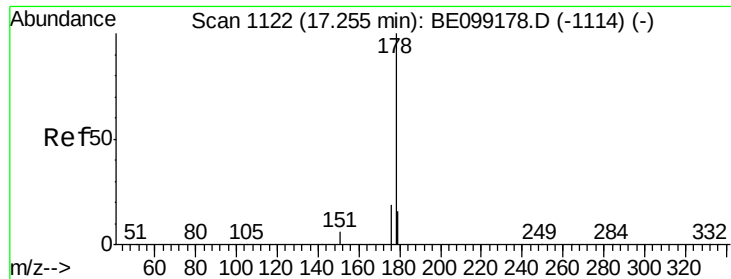
264 65.9 54.4 81.6

268 59.7 61.3 91.9#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E

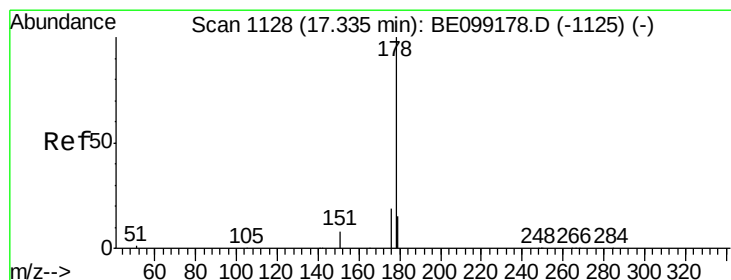
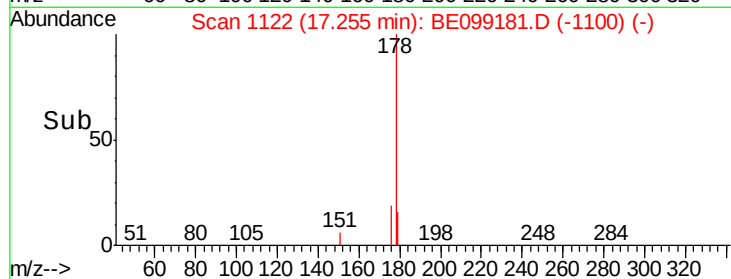
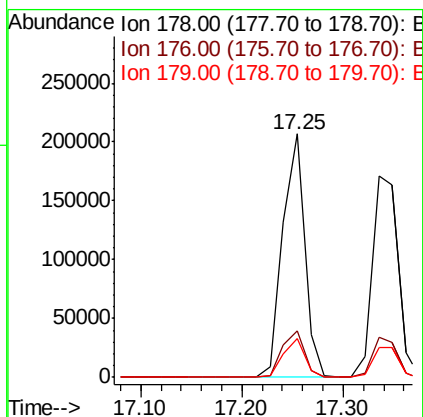
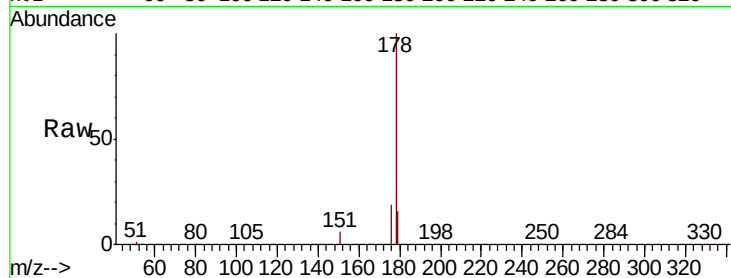




#23
Phenanthrene
Concen: 3.143 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

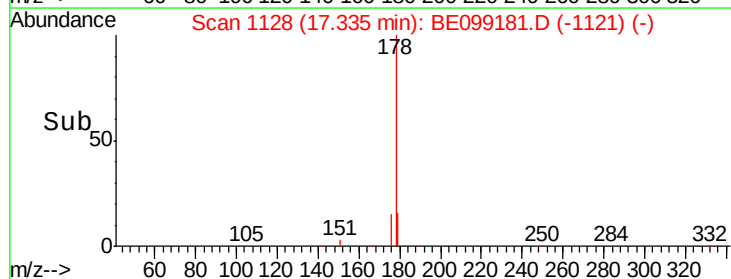
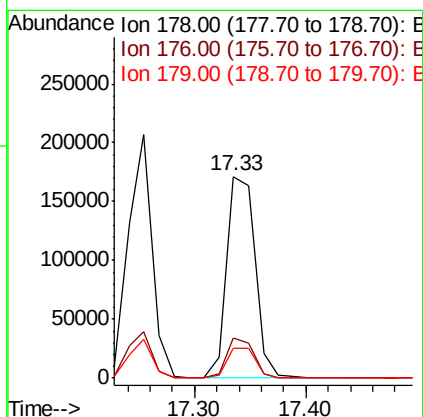
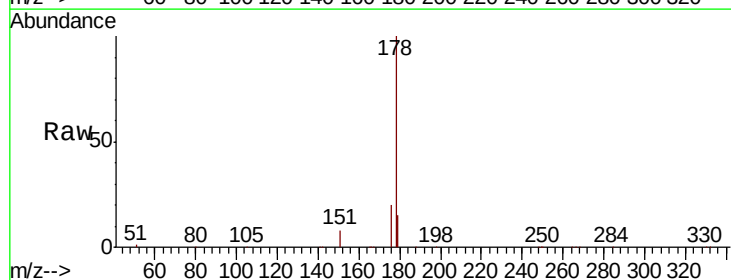
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

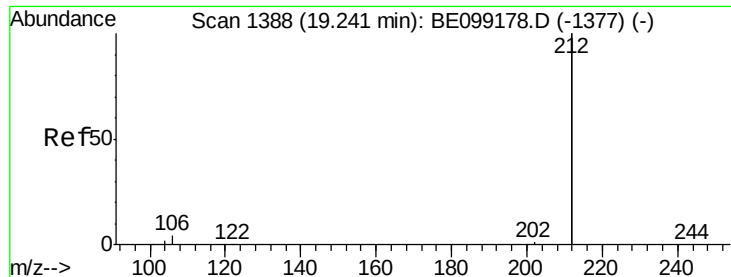
Tot Ion:178 Resp: 309952
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.3 12.3 18.5



#24
Anthracene
Concen: 3.230 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE099181.D
Acq: 25 Mar 2019 13:46

Tgt Ion:178 Resp: 301375
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.3 12.4 18.6





#25

Fluoranthene-d10

Concen: 3.027 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

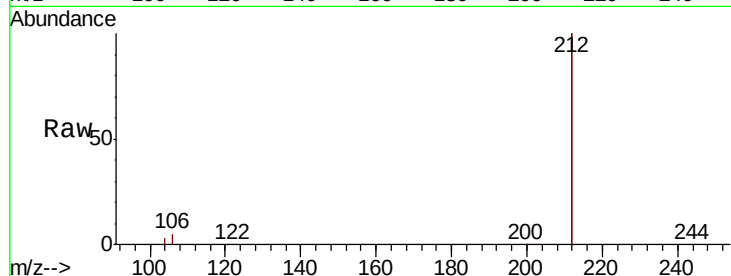
Tot Ion:212 Resp: 1341017

Ion Ratio Lower Upper

212 100

106 2.4 1.8 2.8

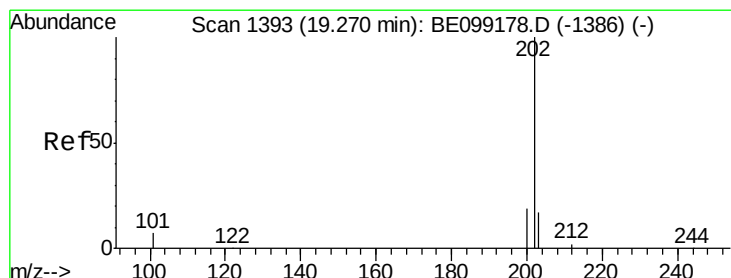
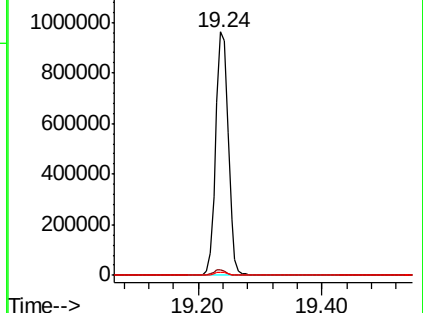
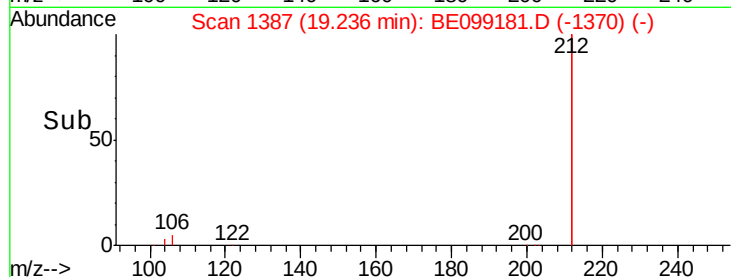
104 1.3 1.1 1.7



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: 2.963 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

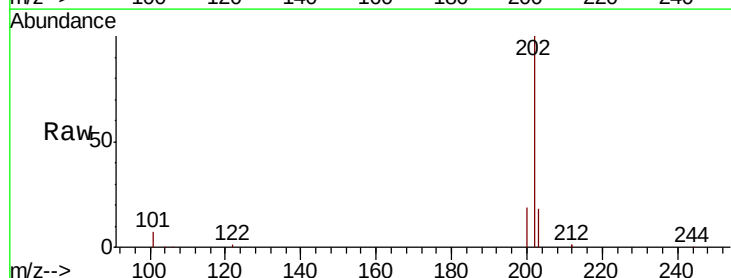
Tgt Ion:202 Resp: 411156

Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.4

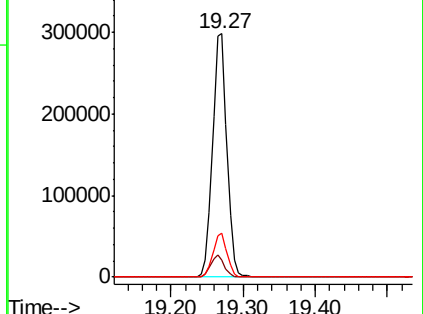
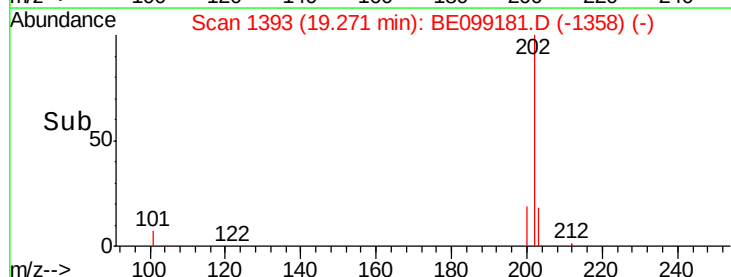
203 17.5 13.8 20.6

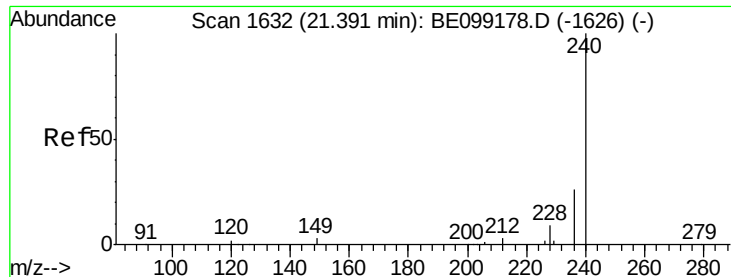


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

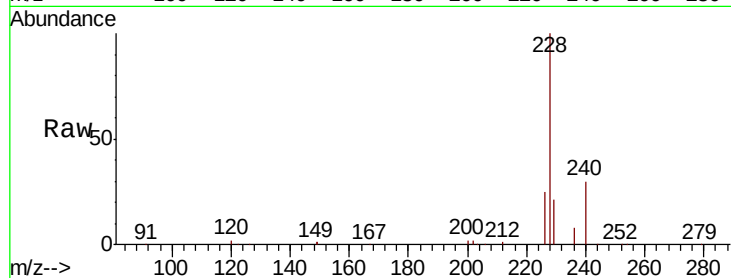
Tot Ion:240 Resp: 40091

Ion Ratio Lower Upper

240 100

120 7.7 2.6 3.8#

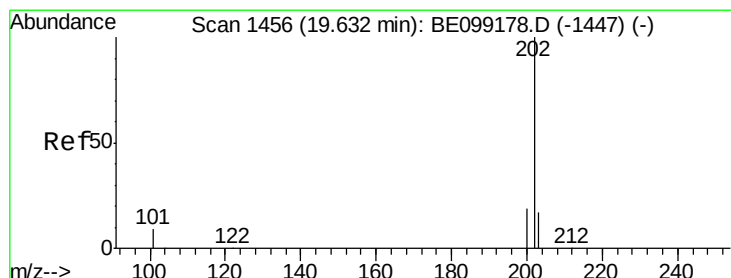
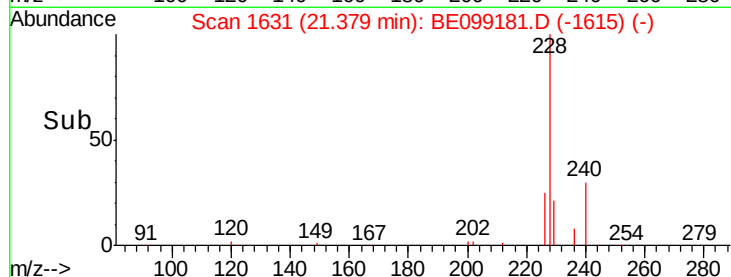
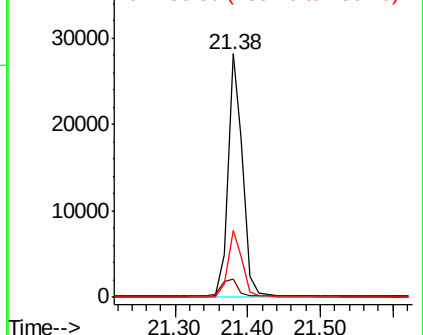
236 27.6 20.9 31.3



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: 3.063 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

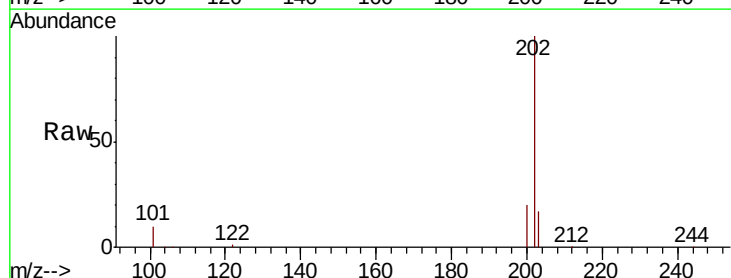
Tgt Ion:202 Resp: 416478

Ion Ratio Lower Upper

202 100

200 20.1 15.8 23.8

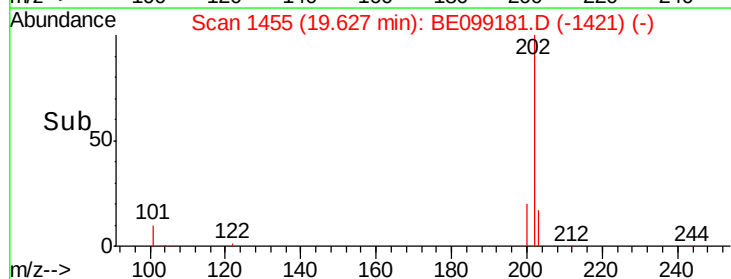
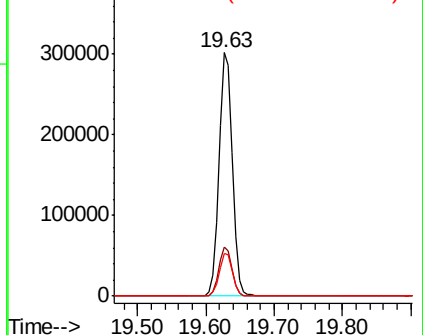
203 17.6 14.1 21.1

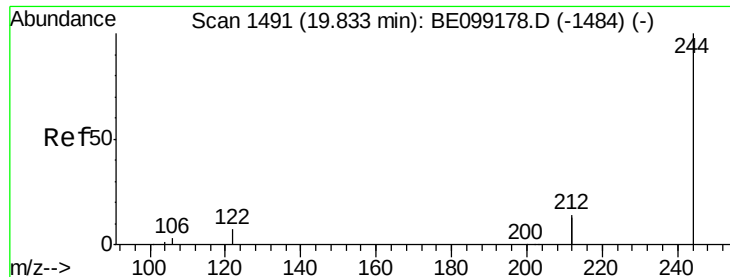


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.296 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

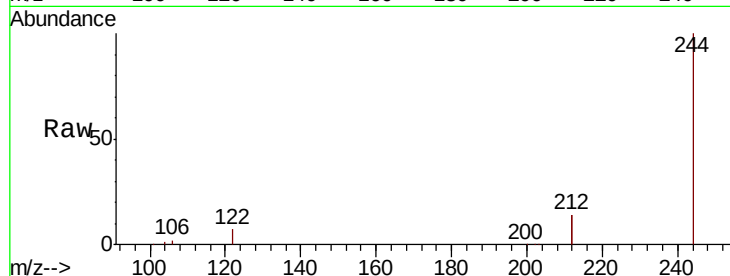
Tot Ion:244 Resp: 279602

Ion Ratio Lower Upper

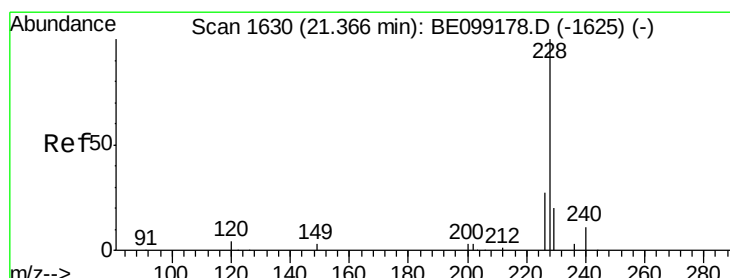
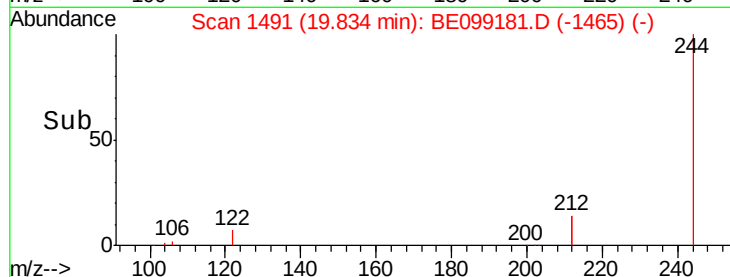
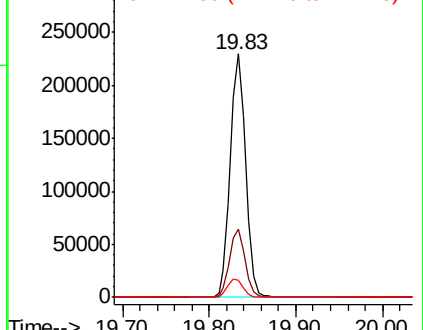
244 100

212 27.9 22.7 34.1

122 6.8 5.8 8.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 3.031 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

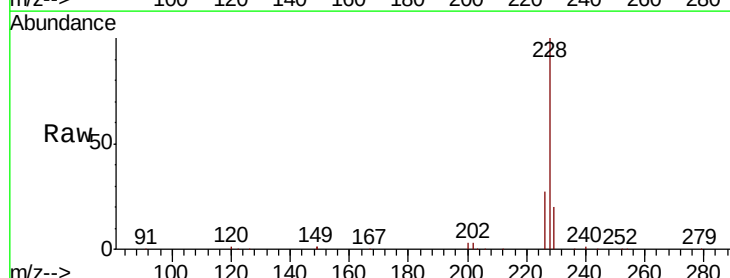
Tgt Ion:228 Resp: 428107

Ion Ratio Lower Upper

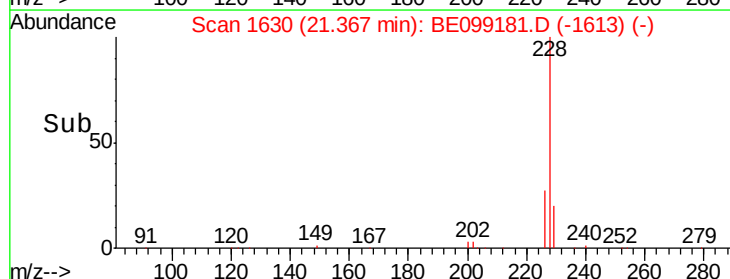
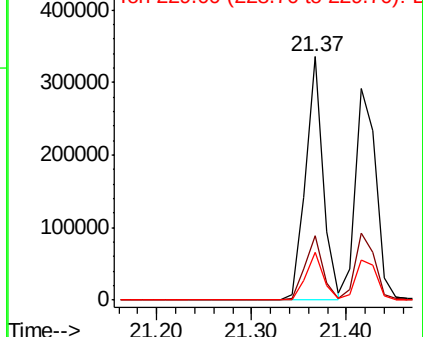
228 100

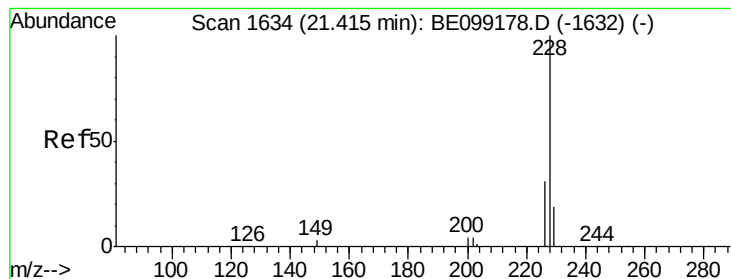
226 26.7 21.7 32.5

229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.111 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

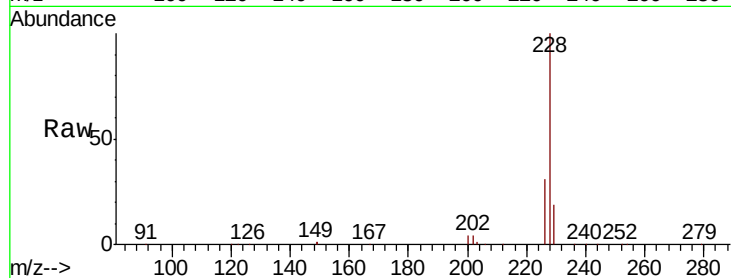
Tot Ion:228 Resp: 439086

Ion Ratio Lower Upper

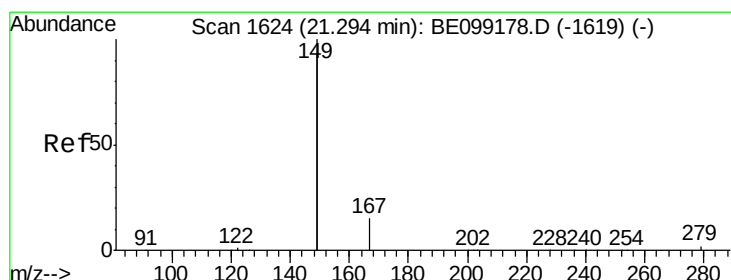
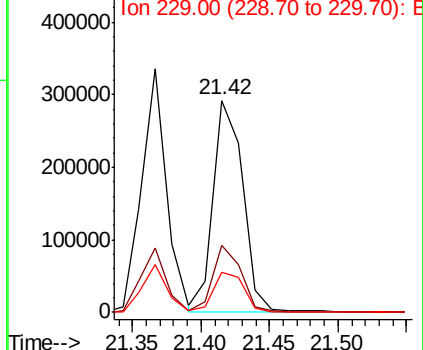
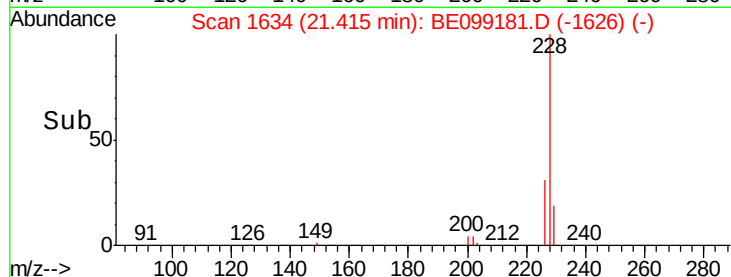
228 100

226 31.4 24.8 37.2

229 19.0 15.4 23.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.957 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

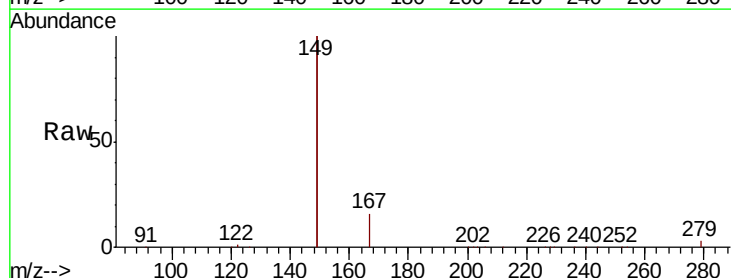
Tgt Ion:149 Resp: 542019

Ion Ratio Lower Upper

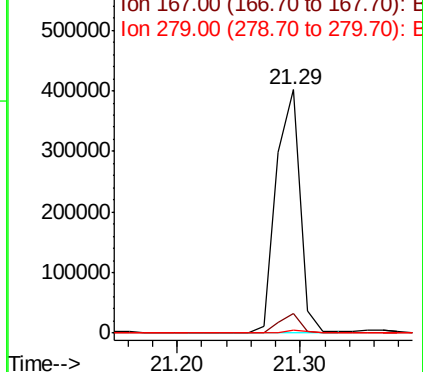
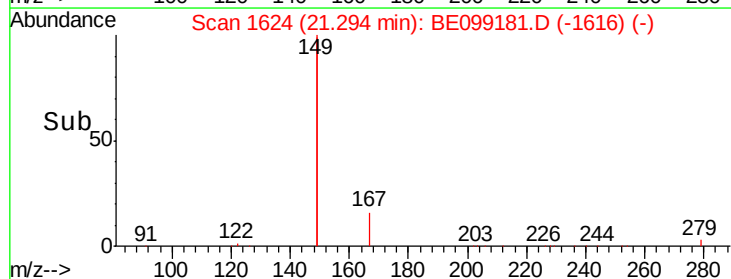
149 100

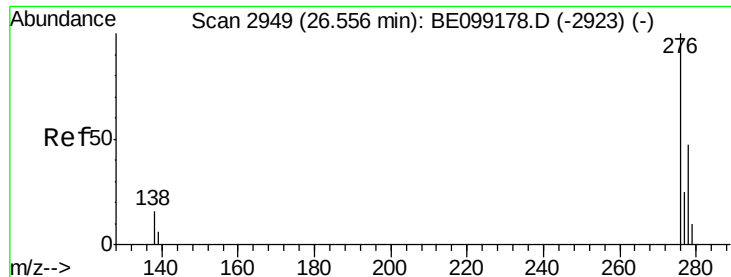
167 7.3 5.9 8.9

279 1.2 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: 2.946 ng

RT: 26.55 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

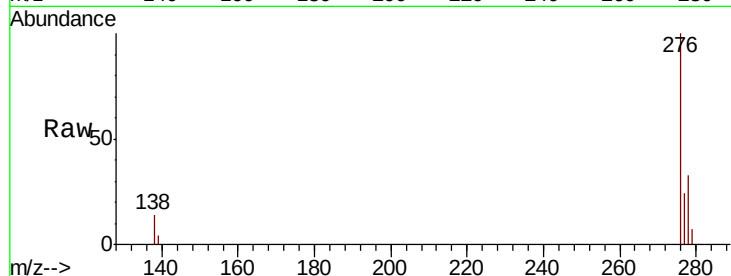
Tot Ion:276 Resp: 447071

Ion Ratio Lower Upper

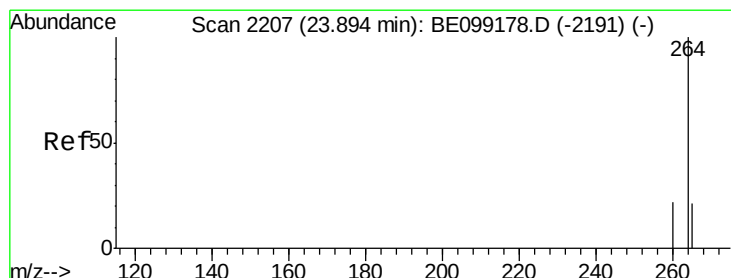
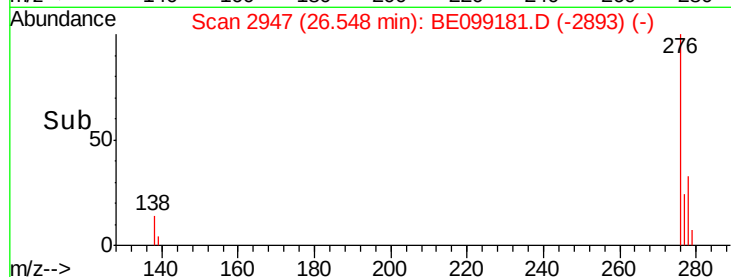
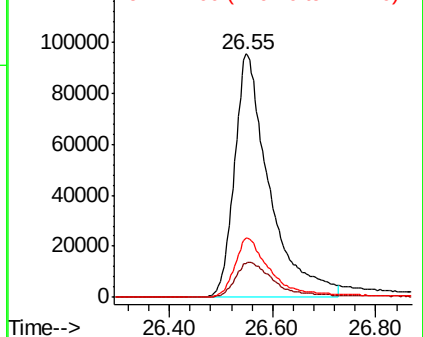
276 100

138 16.0 12.9 19.3

277 24.7 18.3 27.5



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: 23.89 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

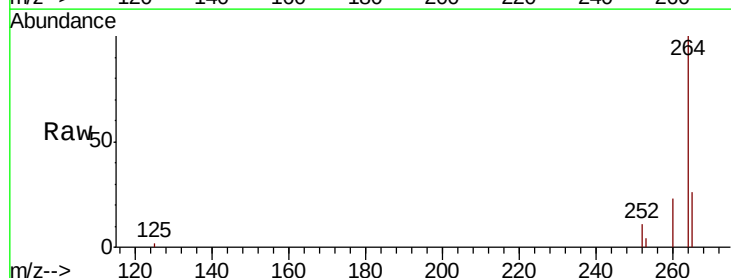
Tgt Ion:264 Resp: 38923

Ion Ratio Lower Upper

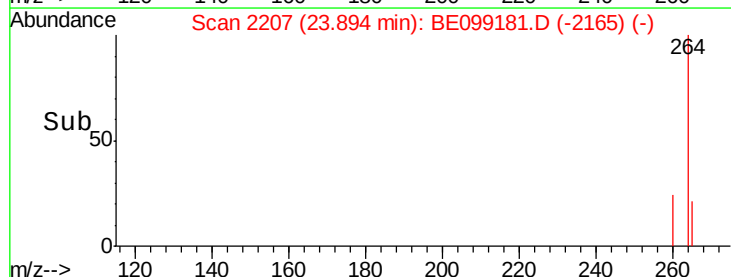
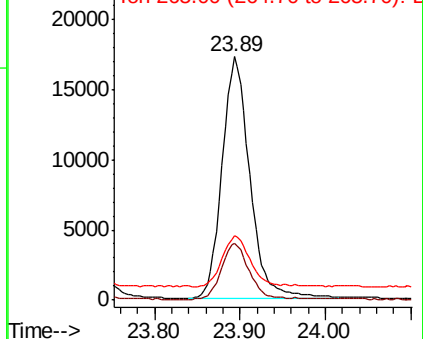
264 100

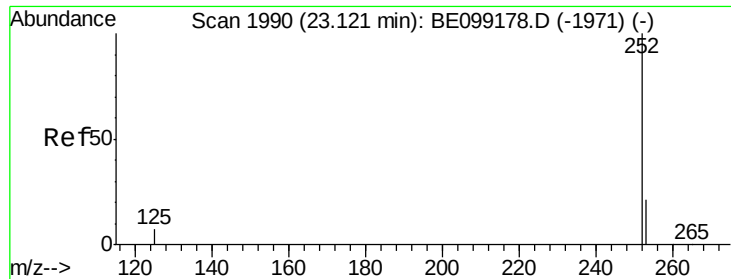
260 23.2 18.2 27.2

265 26.4 21.8 32.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.107 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

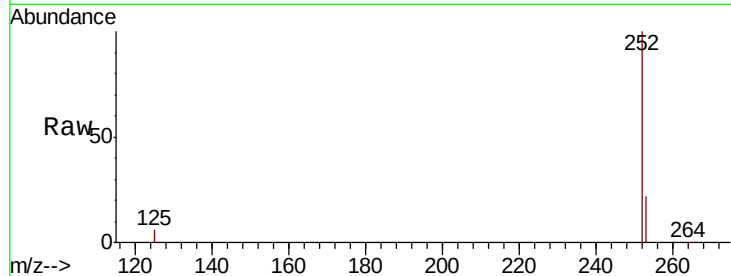
Tot Ion:252 Resp: 418401

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

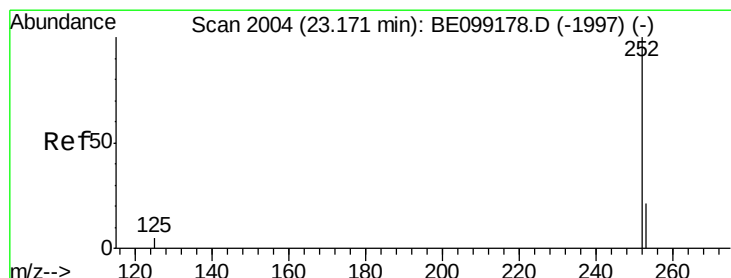
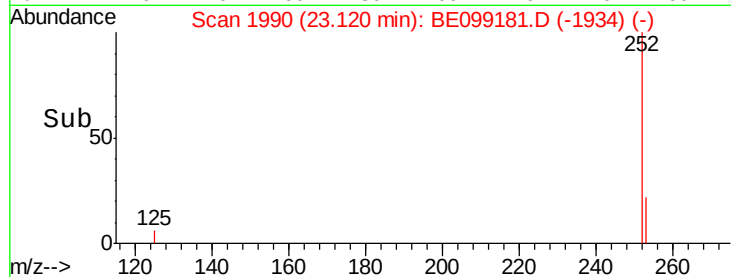
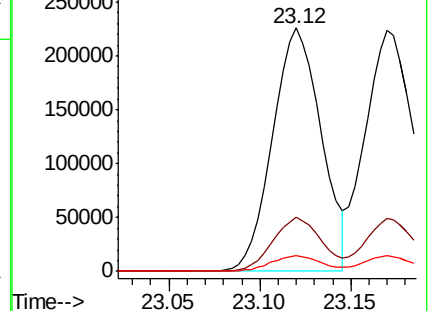
125 6.5 6.1 9.1



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



#36

Benzo(k)fluoranthene

Concen: 3.335 ng

RT: 23.17 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

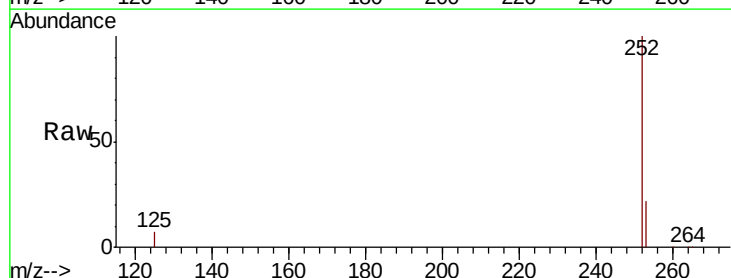
Tgt Ion:252 Resp: 440009

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

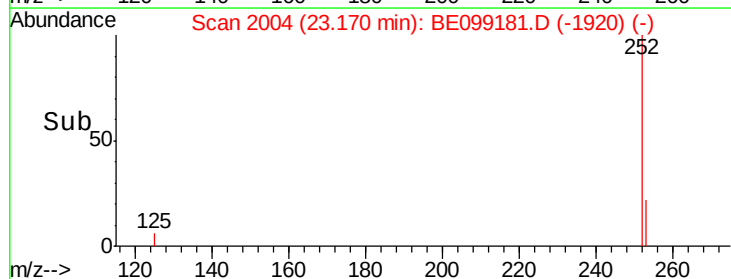
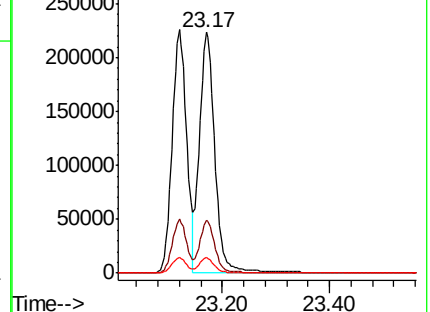
125 6.5 5.9 8.9

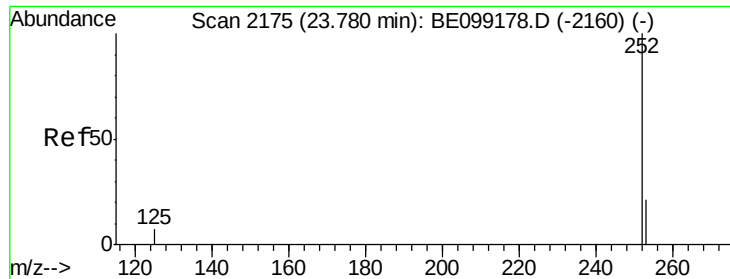


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.167 ng

RT: 23.78 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

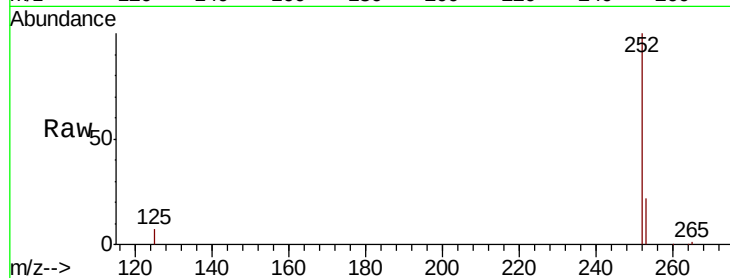
Tot Ion:252 Resp: 394176

Ion Ratio Lower Upper

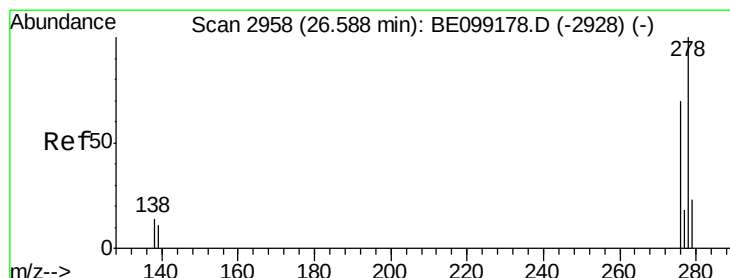
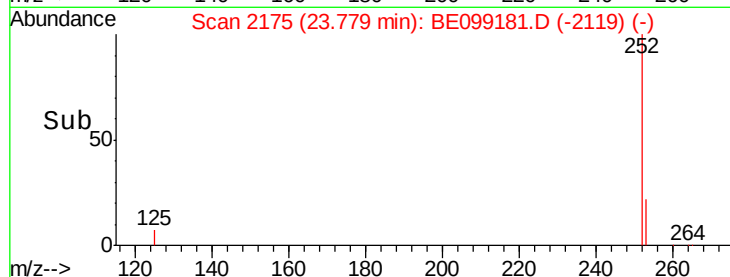
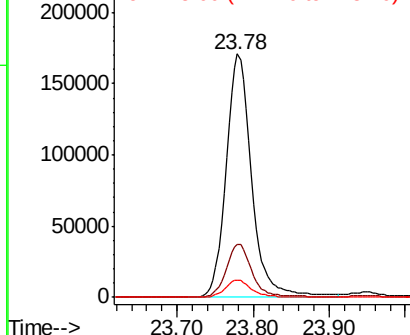
252 100

253 21.9 18.1 27.1

125 7.2 6.8 10.2



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



#38

Dibenzo(a,h)anthracene

Concen: 3.081 ng

RT: 26.58 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

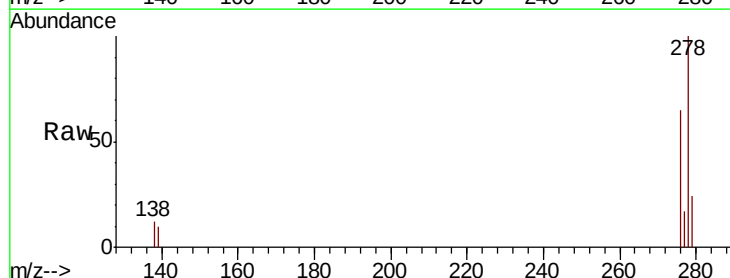
Tgt Ion:278 Resp: 372826

Ion Ratio Lower Upper

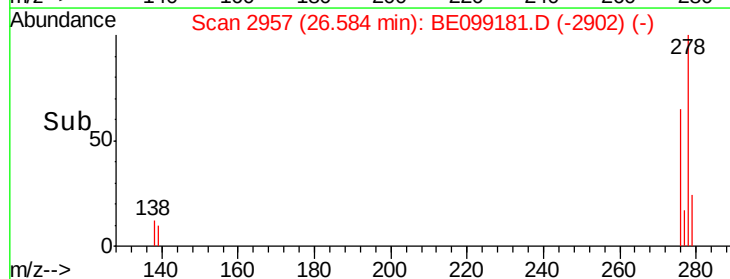
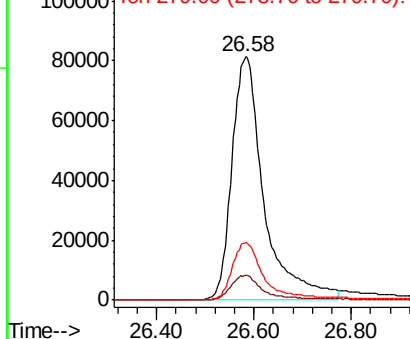
278 100

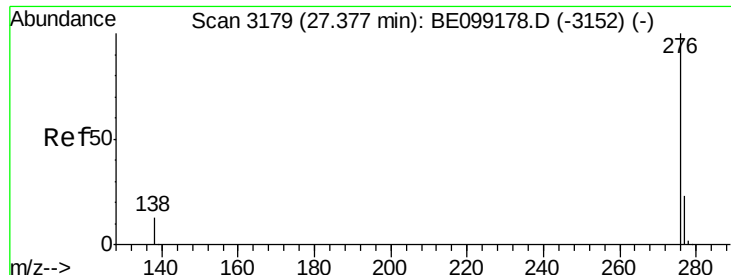
139 10.0 9.5 14.3

279 23.9 19.1 28.7



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: 2.939 ng

RT: 27.37 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BE099181.D

Acq: 25 Mar 2019 13:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

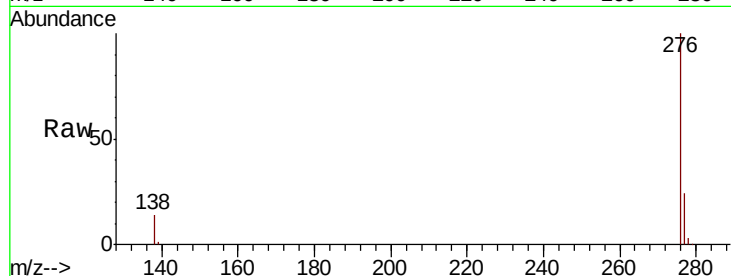
Tot Ion:276 Resp: 365294

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 14.0 11.1 16.7



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

