

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050619\
 Data File : BE099548.D
 Acq On : 6 May 2019 12:27
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 07 08:10:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 08:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3366	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	11964	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	7960	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	22600	0.40	ng	0.00
27) Chrysene-d12	21.44	240	32332	0.40	ng	0.00
34) Perylene-d12	23.99	264	41391	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3962	0.43	ng	0.00
5) Phenol-d6	6.98	99	5422	0.44	ng	0.00
8) Nitrobenzene-d5	8.98	82	5094	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	8318	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	2487	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	12912	0.43	ng	0.00
25) Fluoranthene-d10	19.28	212	125131	0.41	ng	0.00
29) Terphenyl-d14	19.87	244	26505	0.45	ng	0.00

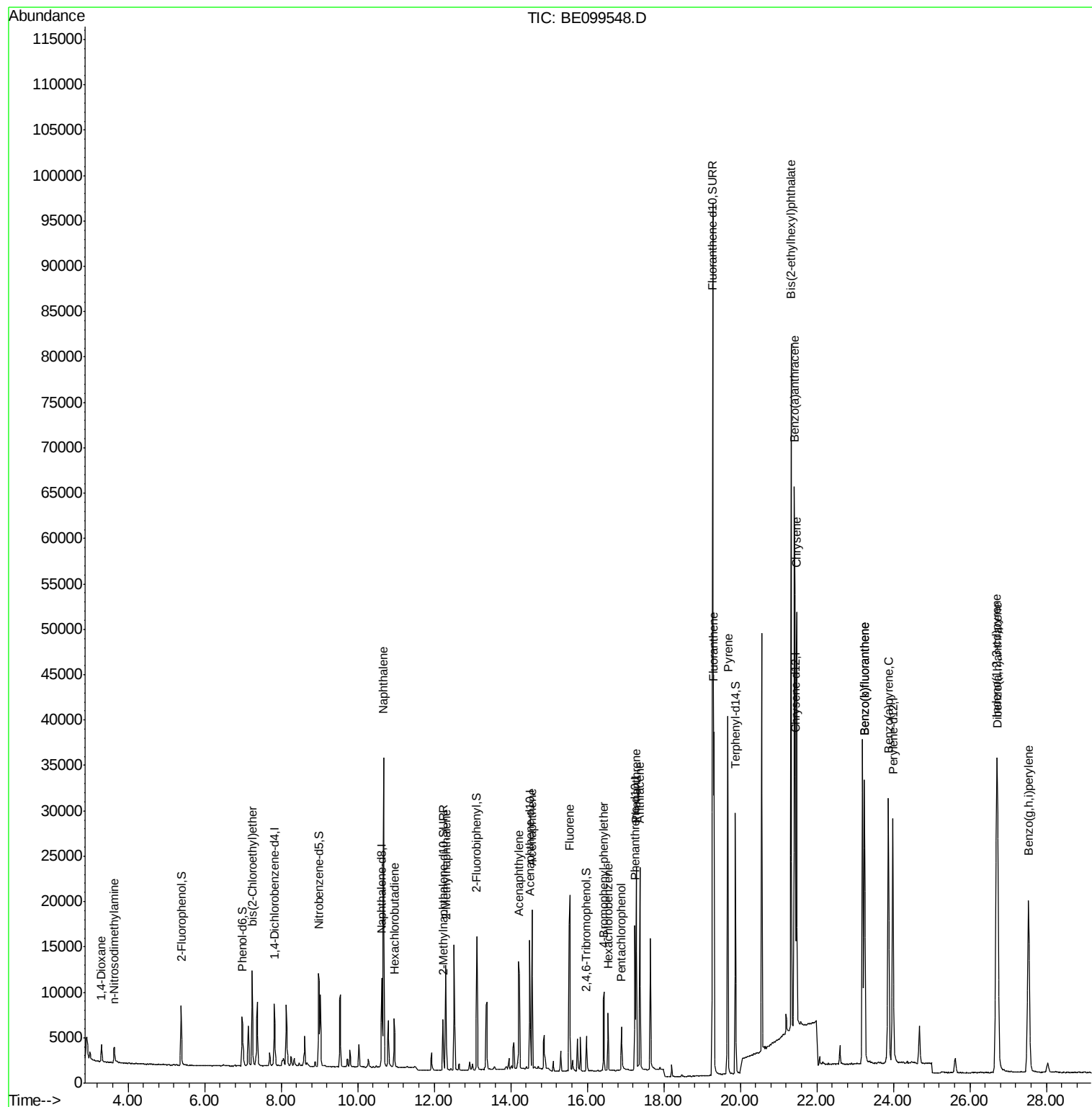
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1687	0.364	ng	96
3) n-Nitrosodimethylamine	3.63	42	1365	0.489	ng	# 87
6) bis(2-Chloroethyl)ether	7.24	93	4212	0.394	ng	97
9) Naphthalene	10.68	128	52680	0.404	ng	100
10) Hexachlorobutadiene	10.95	225	3891	0.429	ng	98
12) 2-Methylnaphthalene	12.31	142	8891	0.392	ng	92
16) Acenaphthylene	14.21	152	16138	0.414	ng	99
17) Acenaphthene	14.56	154	8969	0.403	ng	99
18) Fluorene	15.54	166	12947	0.395	ng	99
20) 4-Bromophenyl-phenylether	16.44	248	5412	0.411	ng	# 86
21) Hexachlorobenzene	16.55	284	5160	0.411	ng	99
22) Pentachlorophenol	16.89	266	3045	0.619	ng	99
23) Phenanthrene	17.28	178	23739	0.407	ng	100
24) Anthracene	17.38	178	22634	0.407	ng	99
26) Fluoranthene	19.31	202	35906	0.411	ng	99
28) Pyrene	19.67	202	38068	0.452	ng	99
30) Benzo(a)anthracene	21.41	228	46958	0.456	ng	98
31) Chrysene	21.47	228	46577	0.462	ng	98
32) Bis(2-ethylhexyl)phthalate	21.33	149	76480	0.455	ng	99
33) Indeno(1,2,3-cd)pyrene	26.69	276	61821	0.519	ng	99
35) Benzo(b)fluoranthene	23.25	252	47244	0.396	ng	99
36) Benzo(k)fluoranthene	23.25	252	47244	0.411	ng	100
37) Benzo(a)pyrene	23.87	252	47371	0.420	ng	# 96
38) Dibenzo(a,h)anthracene	26.73	278	50406	0.437	ng	# 96
39) Benzo(g,h,i)perylene	27.53	276	50581	0.437	ng	99

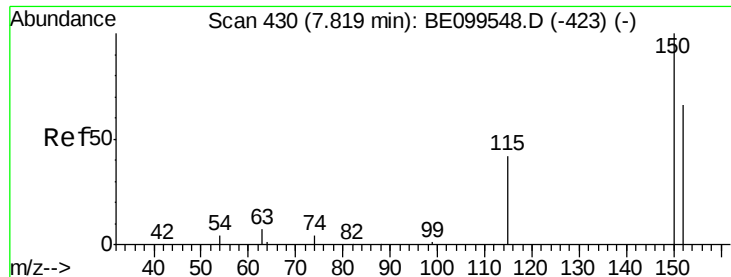
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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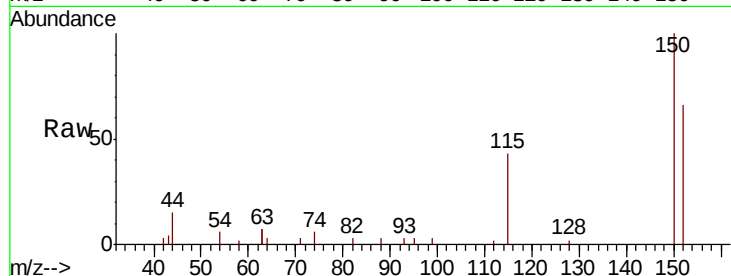


#1

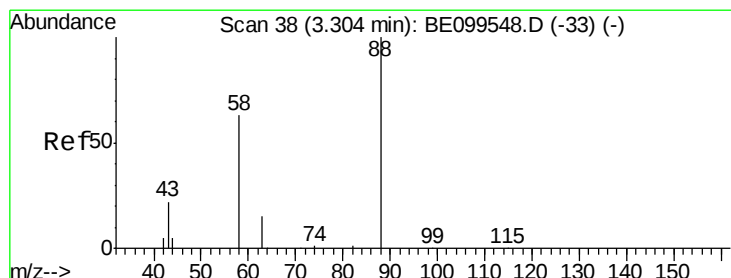
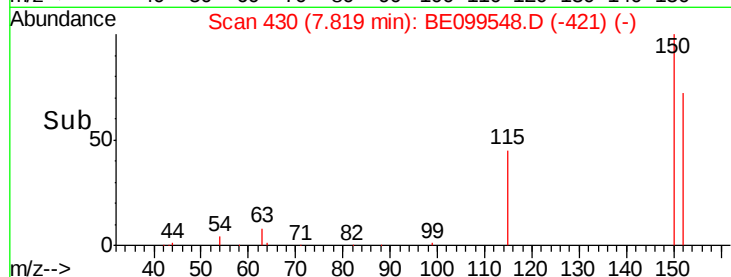
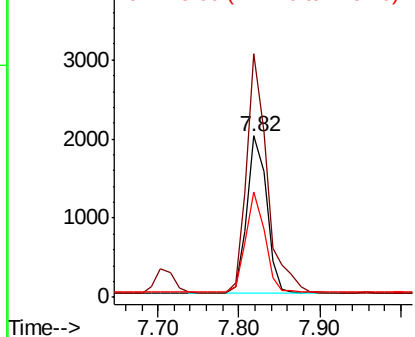
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3366
Ion Ratio Lower Upper
152 100
150 151.0 104.8 157.2
115 65.2 46.6 69.8



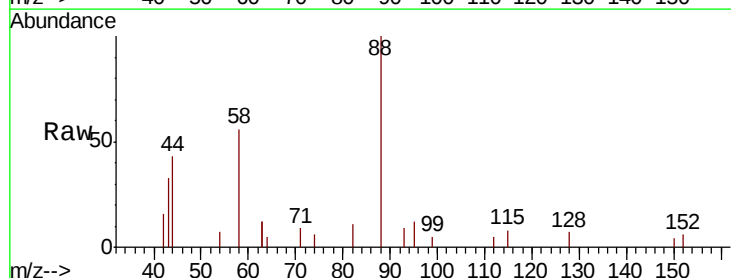
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



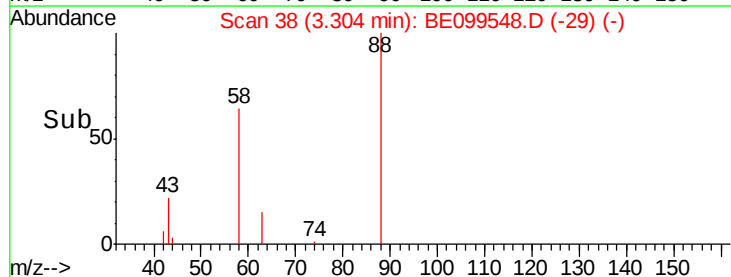
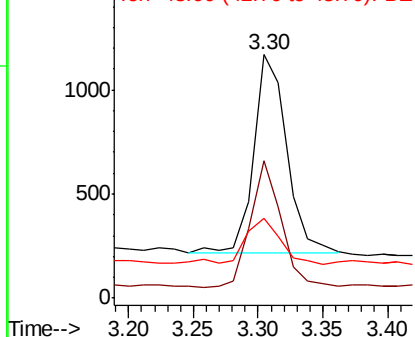
#2

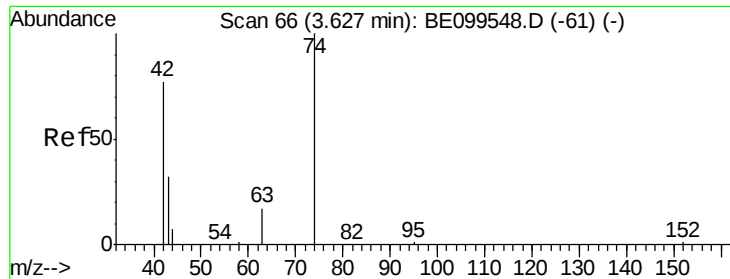
1,4-Dioxane
Concen: 0.364 ng
RT: 3.30 min Scan# 38
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion: 88 Resp: 1687
Ion Ratio Lower Upper
88 100
58 59.7 51.0 76.6
43 25.7 20.6 30.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.489 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

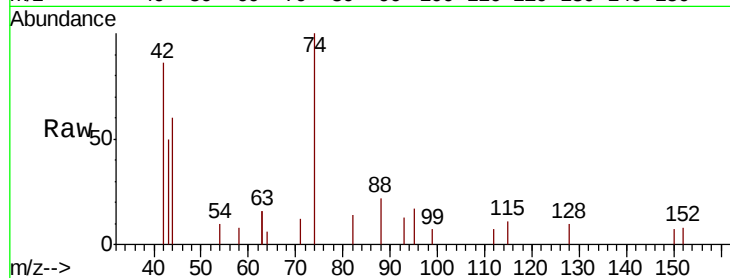
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

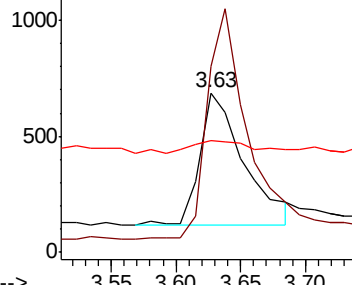
Tgt Ion:	42	Resp:	1365
Ion	Ratio	Lower	Upper
42	100		
74	159.3	141.6	212.4
44	13.5	0.0	0.0#



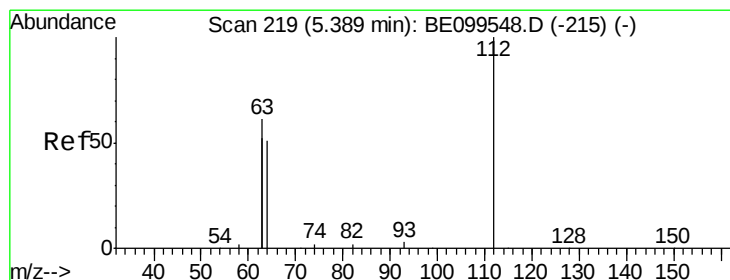
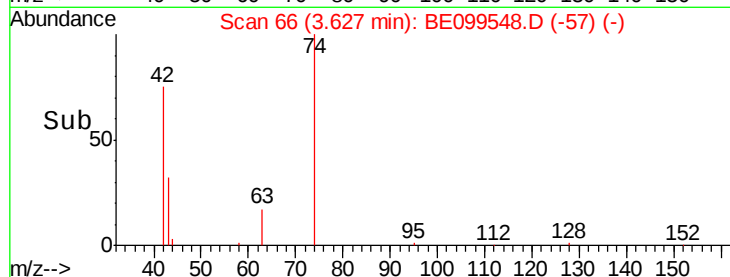
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.426 ng

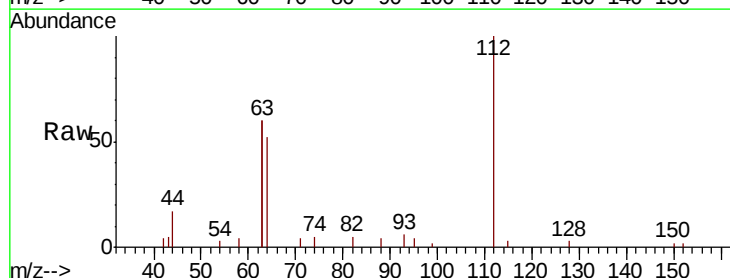
RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

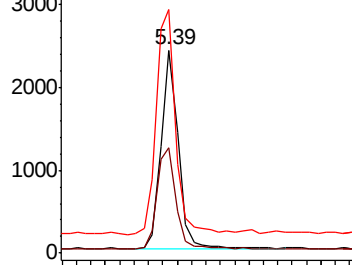
Tgt Ion:	112	Resp:	3962
Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.4	71.0
63	125.6	104.3	156.5



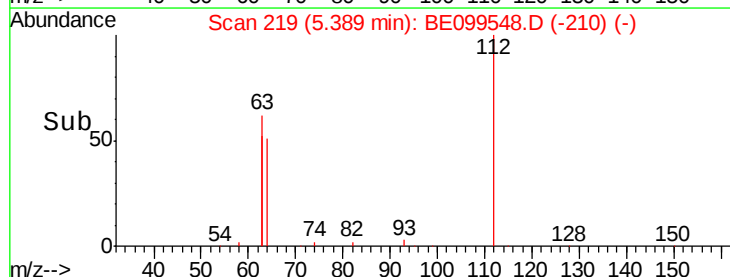
Abundance Ion 112.00 (111.70 to 112.70): E

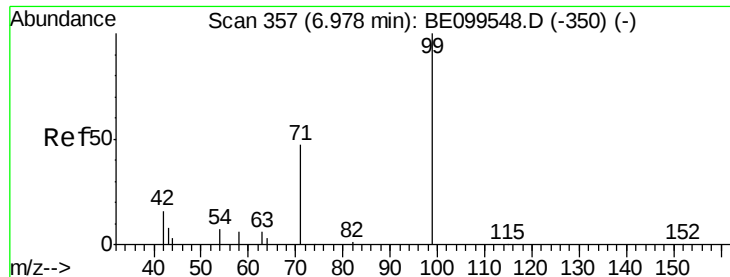
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.438 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

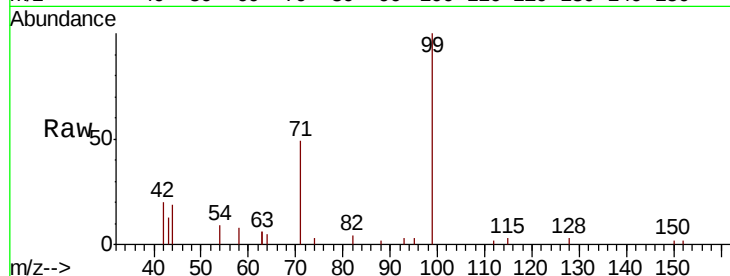
Tgt Ion: 99 Resp: 5422

Ion Ratio Lower Upper

99 100

42 16.2 14.9 22.3

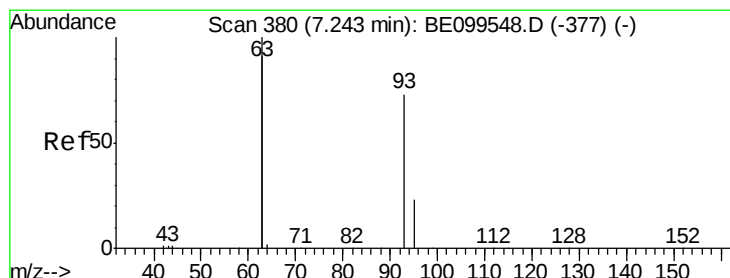
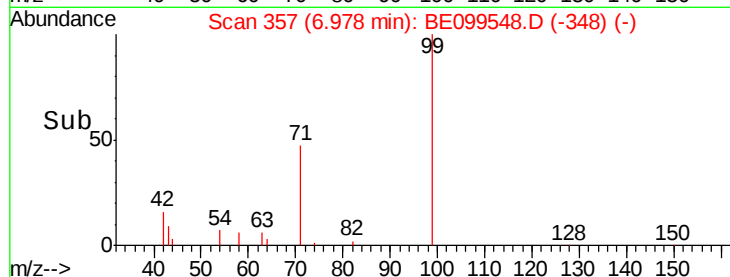
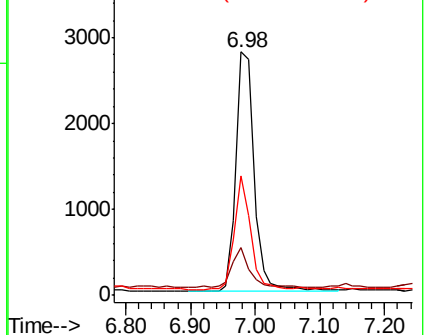
71 42.2 33.0 49.6



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: 0.394 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

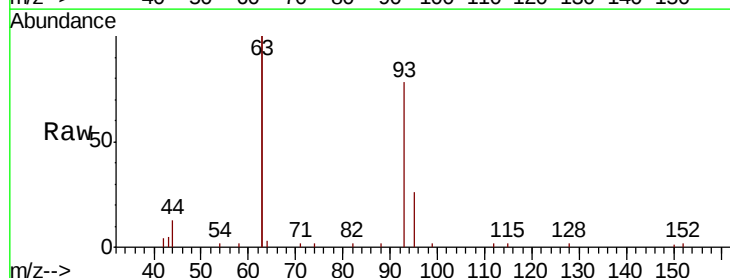
Tgt Ion: 93 Resp: 4212

Ion Ratio Lower Upper

93 100

63 263.6 215.6 323.4

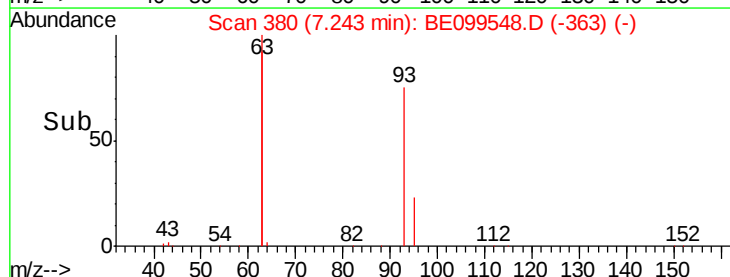
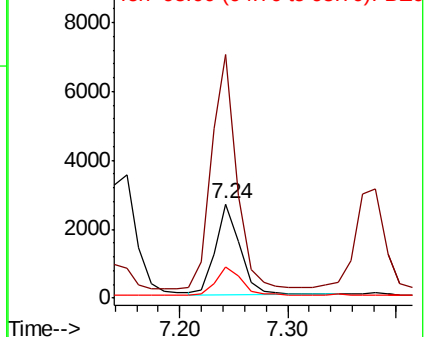
95 32.0 26.2 39.2

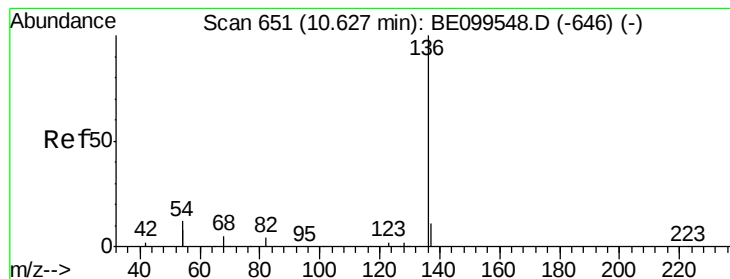


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 11964

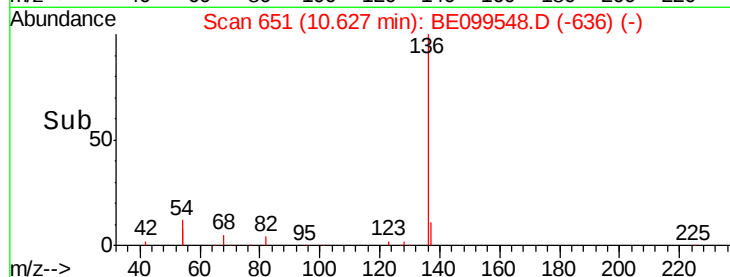
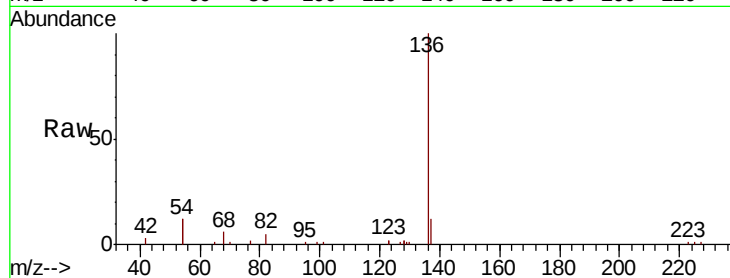
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 24.2 18.5 27.7

68 6.1 4.7 7.1

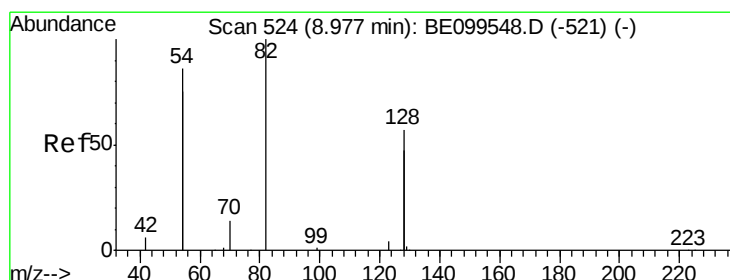
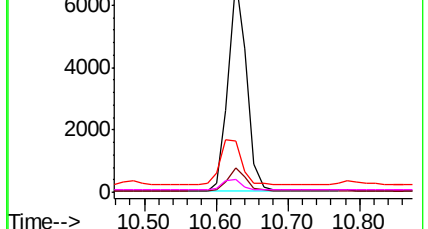


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.454 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

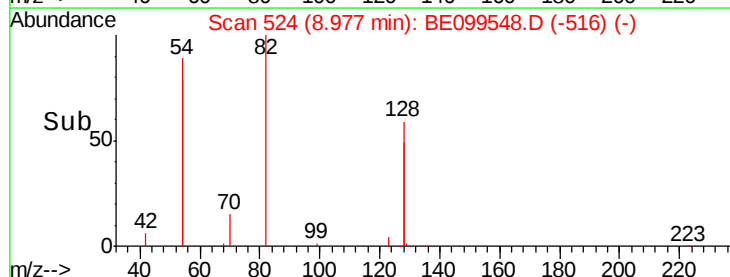
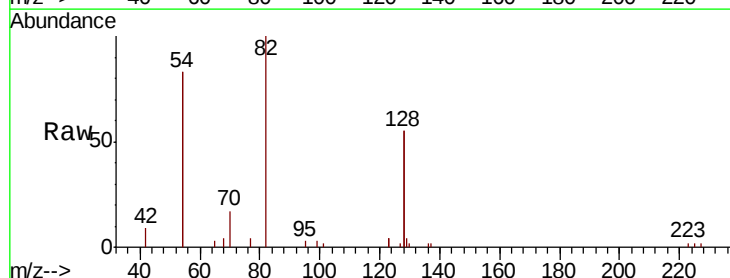
Tgt Ion: 82 Resp: 5094

Ion Ratio Lower Upper

82 100

128 110.1 107.0 160.4

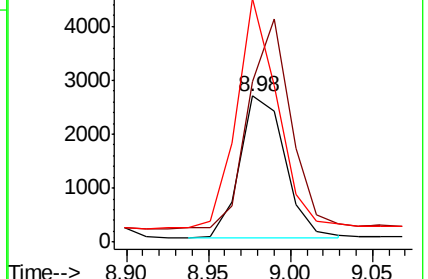
54 166.6 113.1 169.7

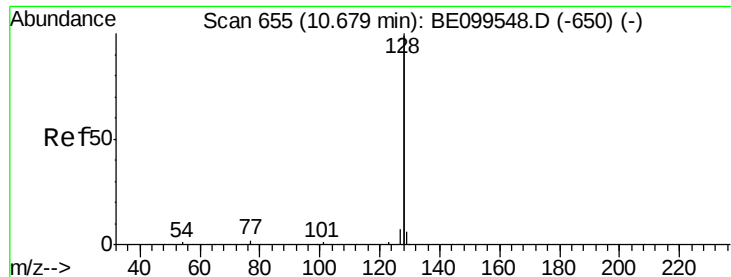


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.404 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

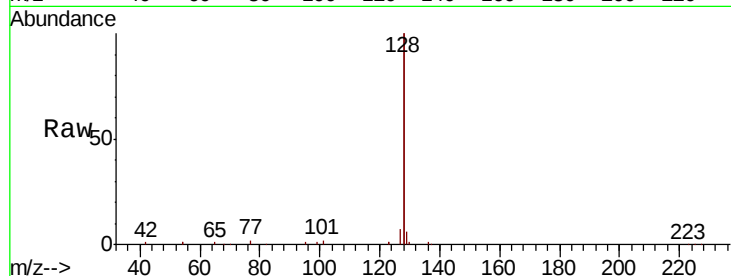
Tgt Ion:128 Resp: 52680

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

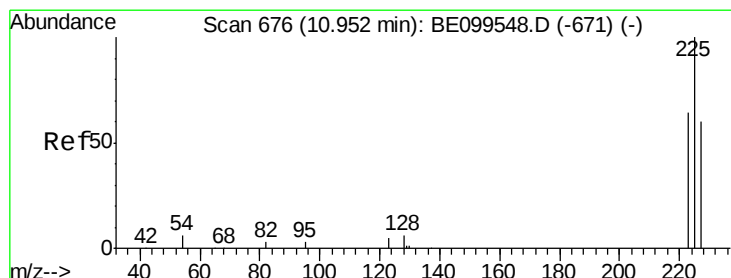
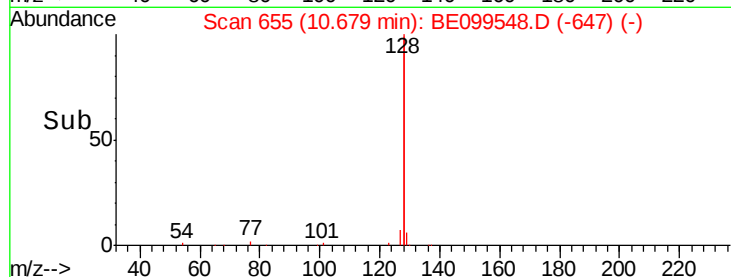
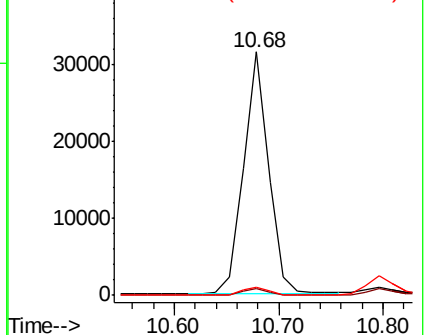
127 3.4 2.8 4.2



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: 0.429 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

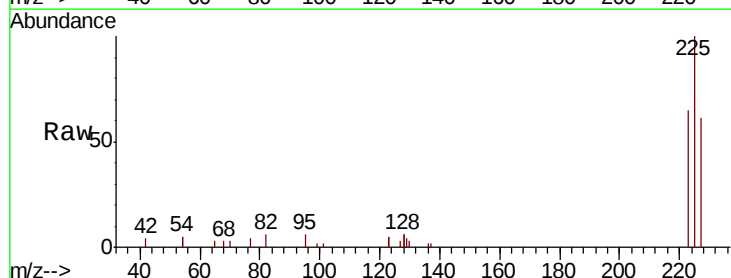
Tgt Ion:225 Resp: 3891

Ion Ratio Lower Upper

225 100

223 62.0 51.0 76.6

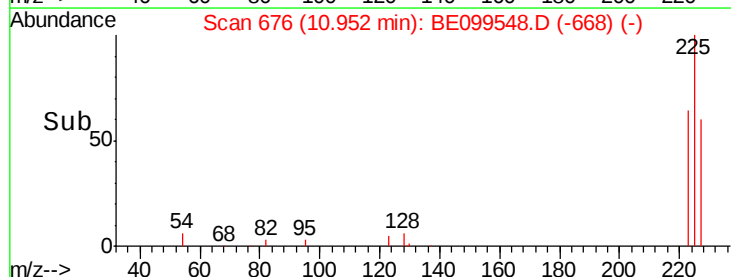
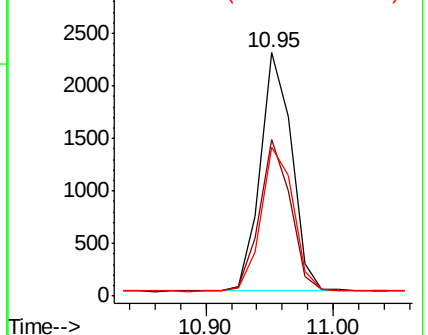
227 62.1 50.9 76.3

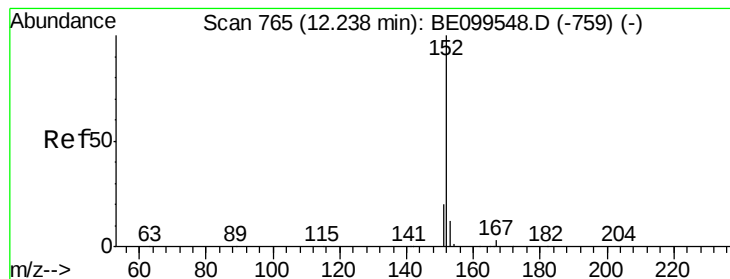


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

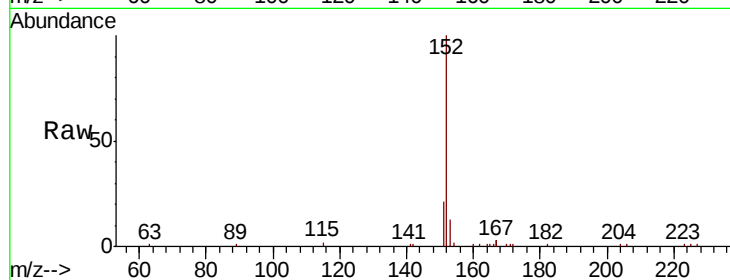
SSTDCCC0.4

Tgt Ion:152 Resp: 8318

Ion Ratio Lower Upper

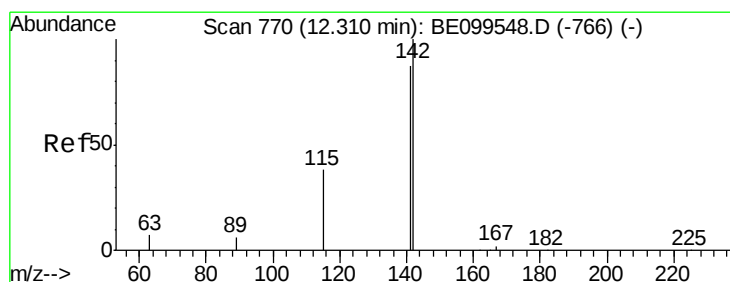
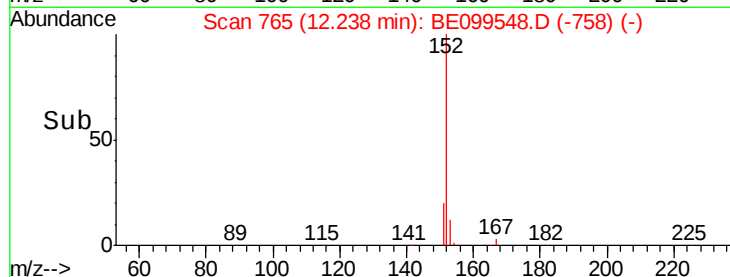
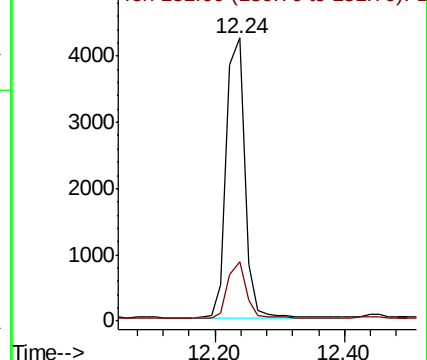
152 100

151 19.7 15.5 23.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.392 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

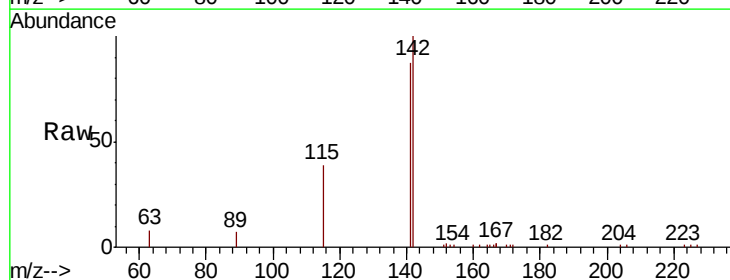
Tgt Ion:142 Resp: 8891

Ion Ratio Lower Upper

142 100

141 86.8 77.0 115.4

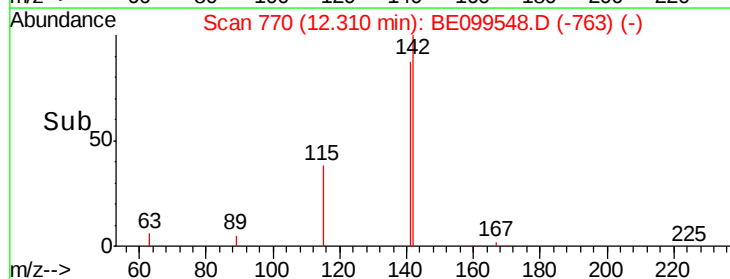
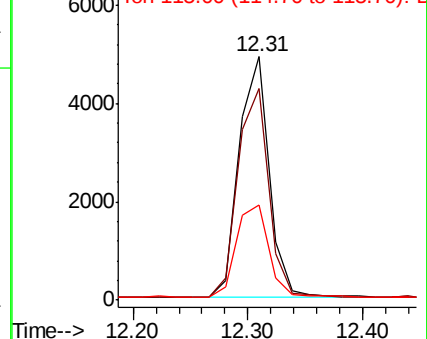
115 39.2 33.4 50.0

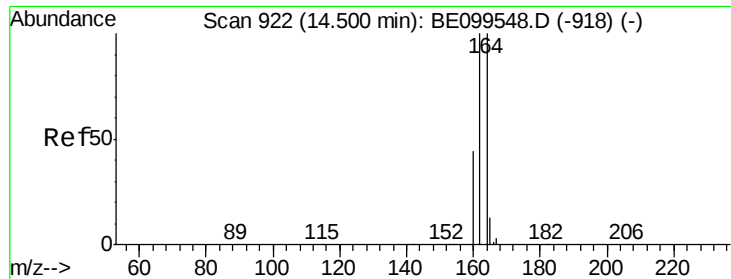


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

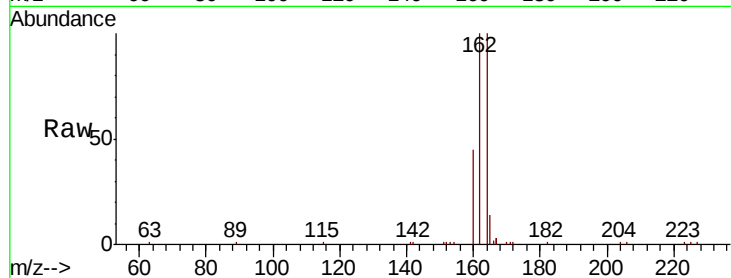




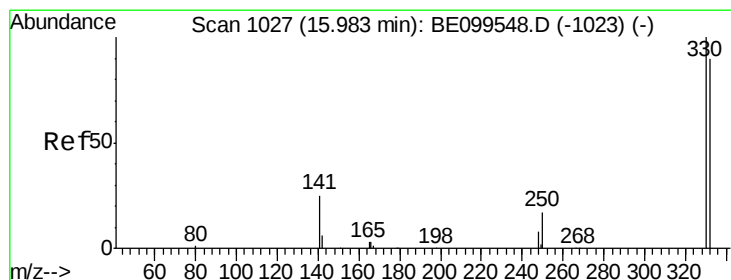
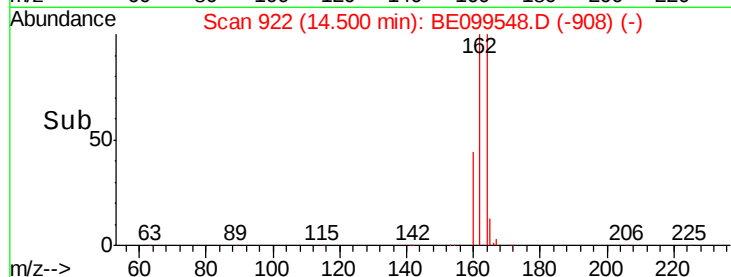
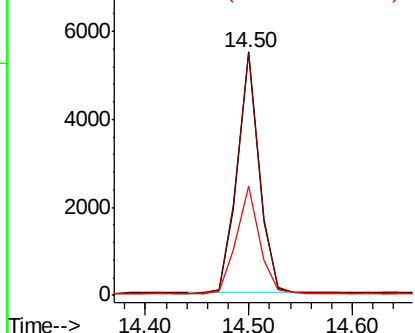
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE099548.D
 Acq: 6 May 2019 12:27

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:164 Resp: 7960
 Ion Ratio Lower Upper
 164 100
 162 99.7 79.0 118.4
 160 44.8 37.0 55.4

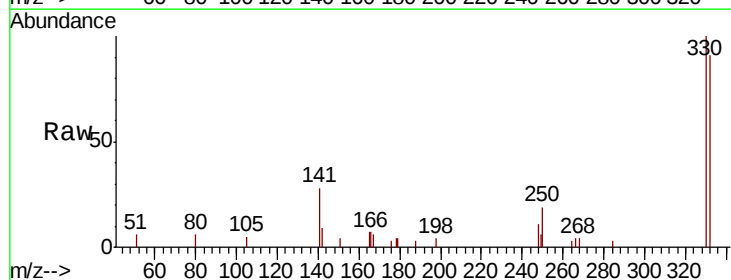


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

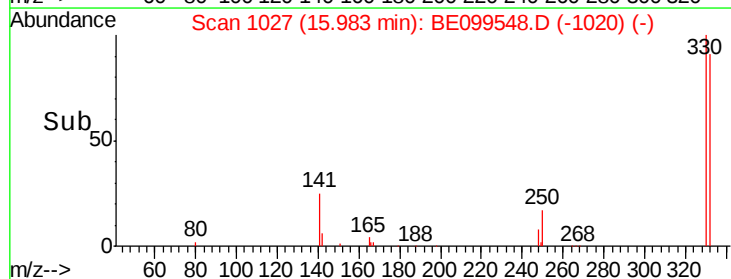
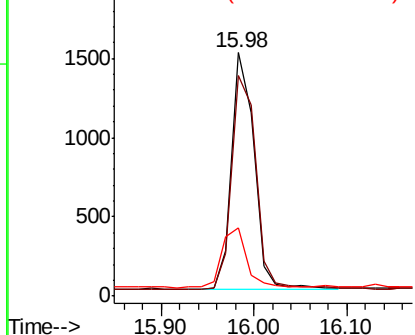


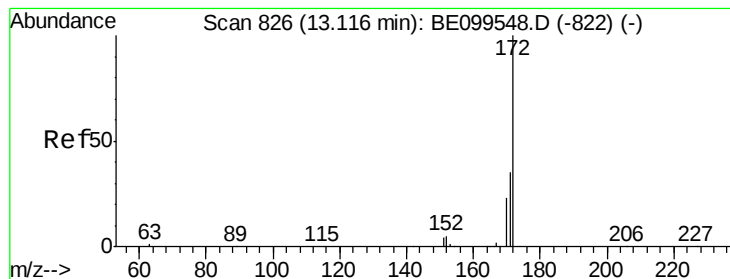
#14
 2,4,6-Tribromophenol
 Concen: 0.496 ng
 RT: 15.98 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BE099548.D
 Acq: 6 May 2019 12:27

Tgt Ion:330 Resp: 2487
 Ion Ratio Lower Upper
 330 100
 332 97.2 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: 0.425 ng

RT: 13.12 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

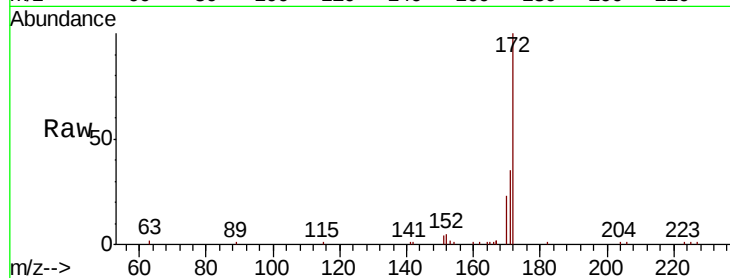
Tgt Ion:172 Resp: 12912

Ion Ratio Lower Upper

172 100

171 35.0 26.6 39.8

170 23.2 17.0 25.6

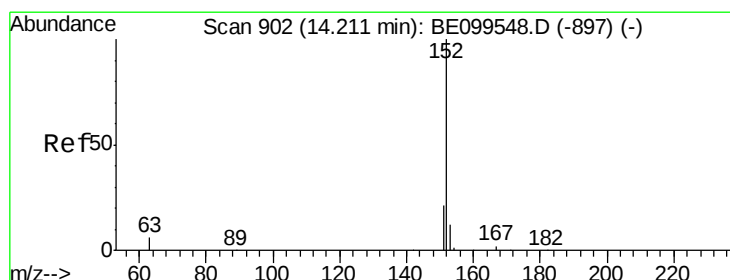
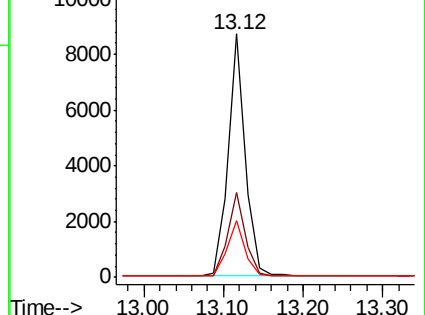
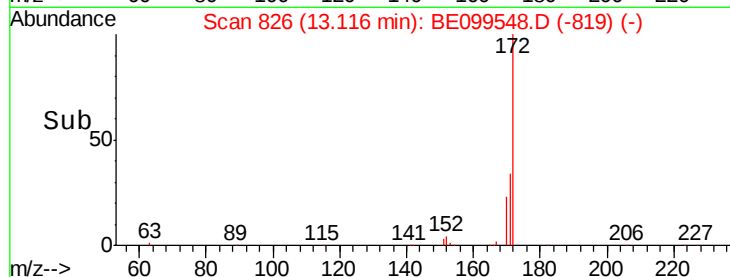


Abundance

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: 0.414 ng

RT: 14.21 min Scan# 902

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

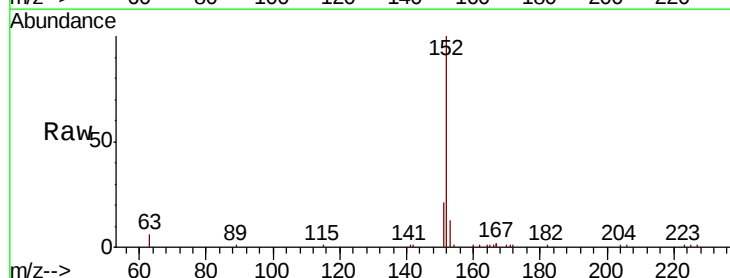
Tgt Ion:152 Resp: 16138

Ion Ratio Lower Upper

152 100

151 20.2 15.4 23.2

153 12.5 9.8 14.6

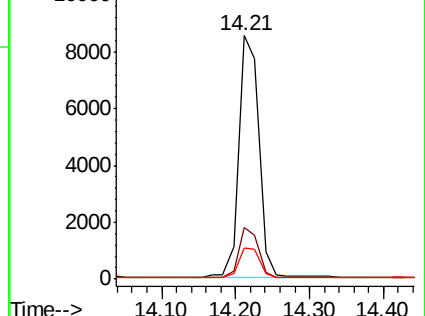
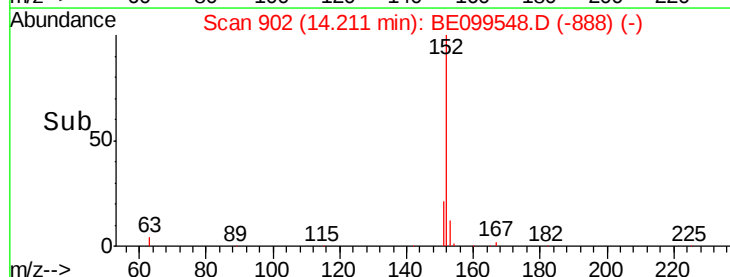


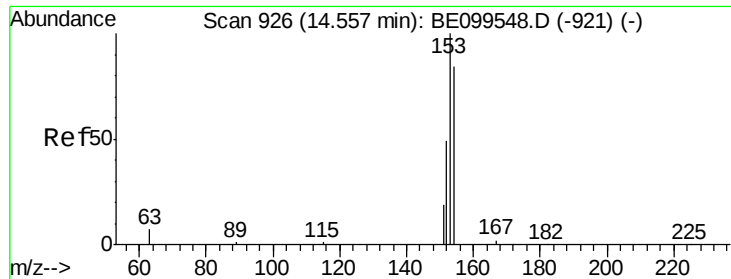
Abundance

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

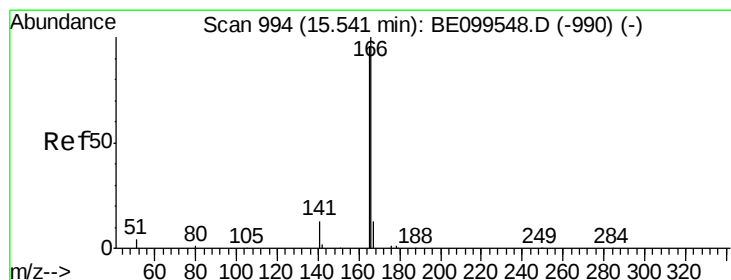
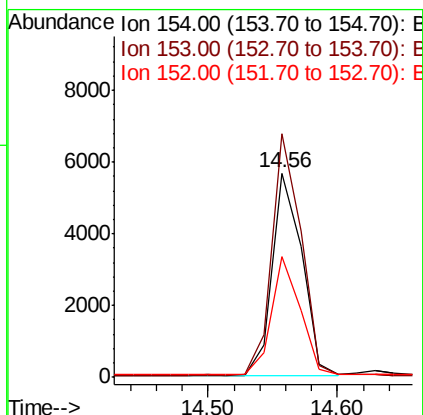
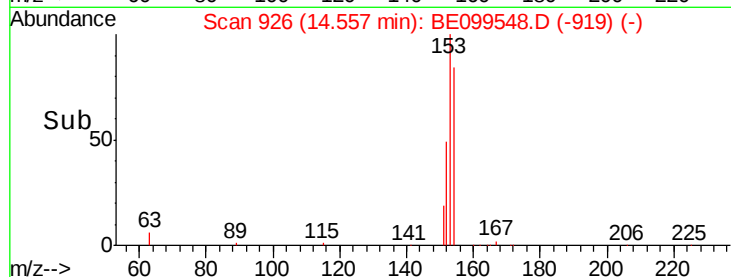
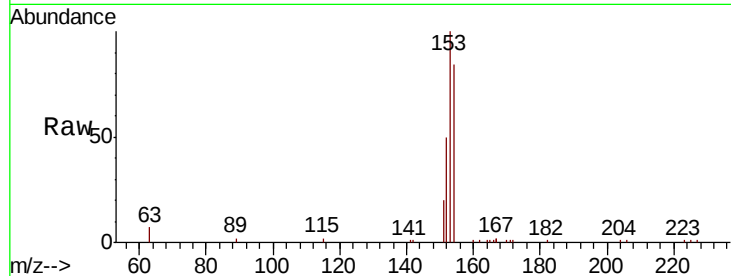




#17
Acenaphthene
Concen: 0.403 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

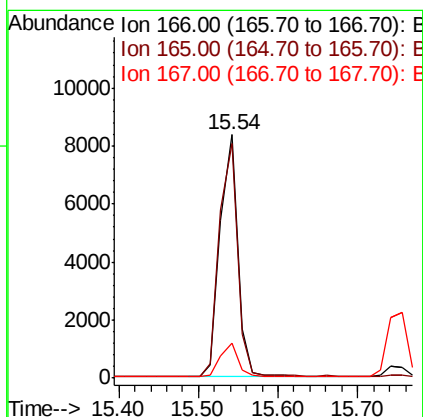
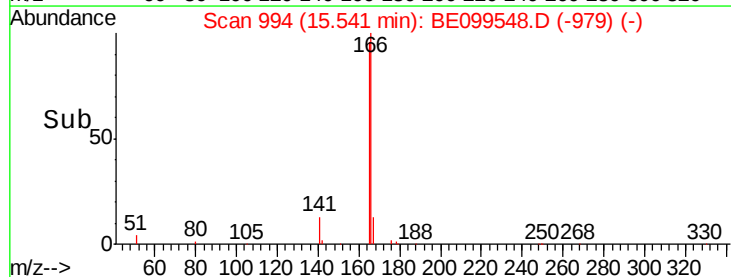
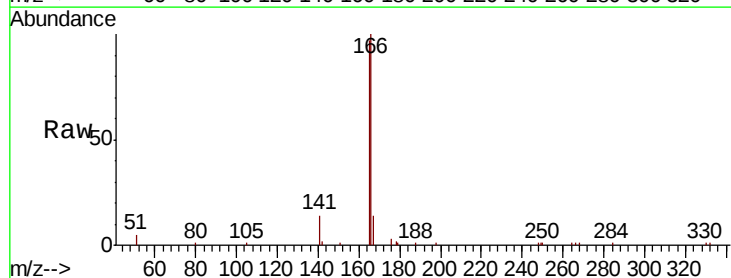
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

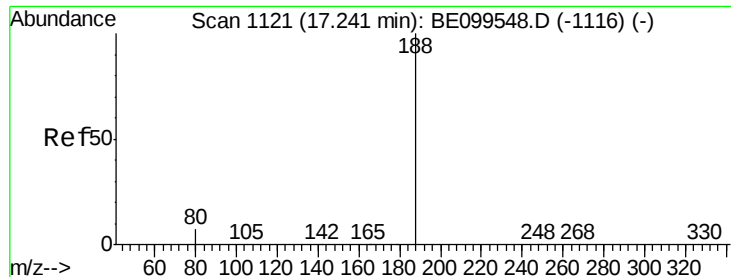
Tgt Ion:154 Resp: 8969
Ion Ratio Lower Upper
154 100
153 117.6 92.6 138.8
152 56.8 45.8 68.8



#18
Fluorene
Concen: 0.395 ng
RT: 15.54 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE099548.D
Acq: 6 May 2019 12:27

Tgt Ion:166 Resp: 12947
Ion Ratio Lower Upper
166 100
165 99.4 80.3 120.5
167 13.3 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

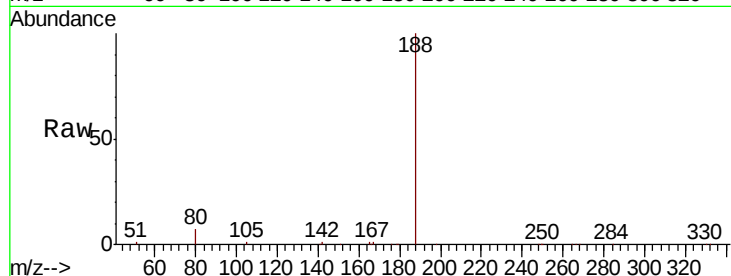
Tgt Ion:188 Resp: 22600

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

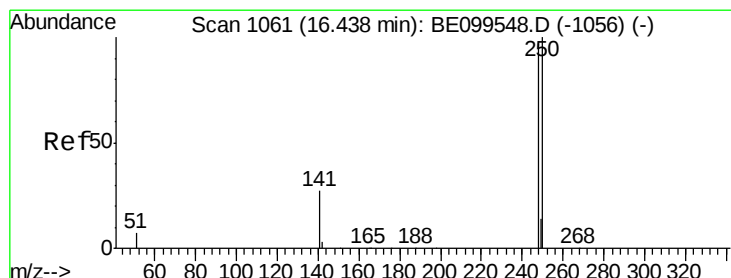
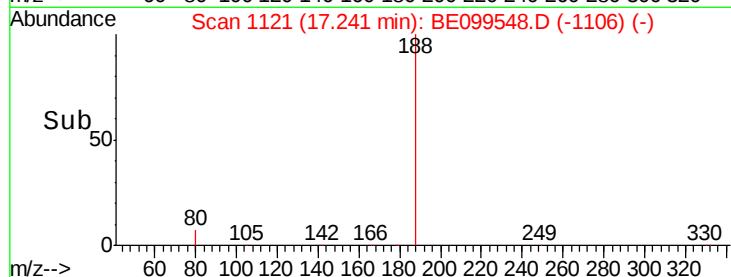
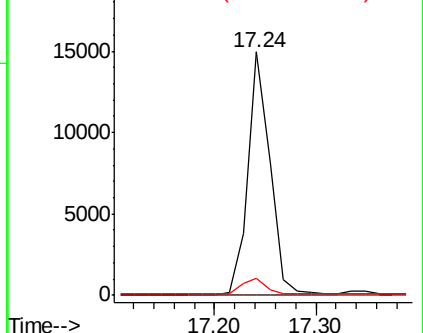
80 7.2 6.7 10.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.411 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

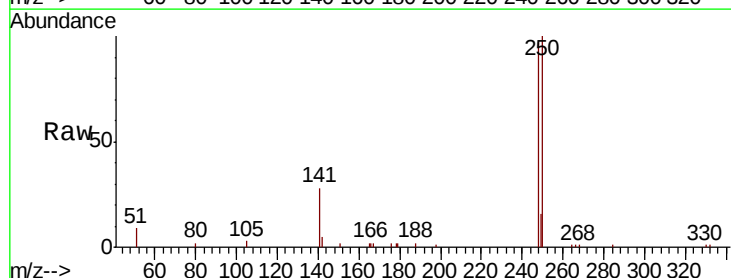
Tgt Ion:248 Resp: 5412

Ion Ratio Lower Upper

248 100

250 103.3 75.8 113.8

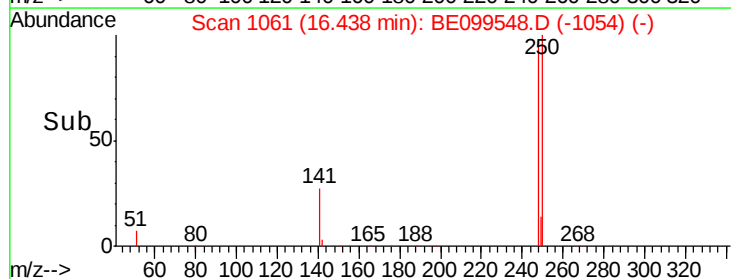
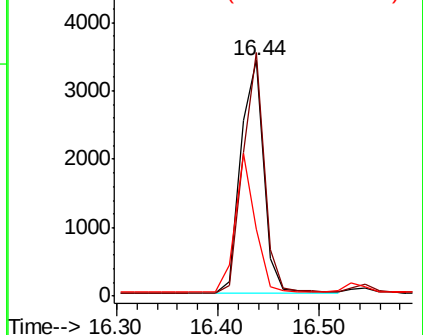
141 28.7 35.7 53.5#

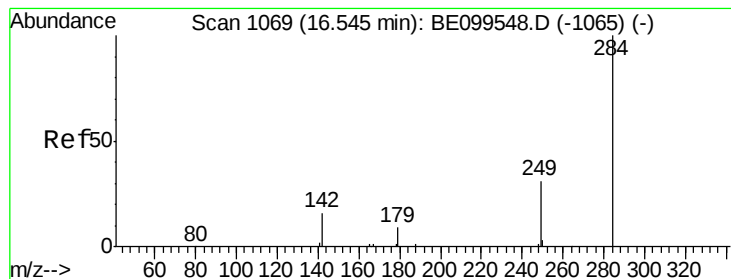


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.411 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

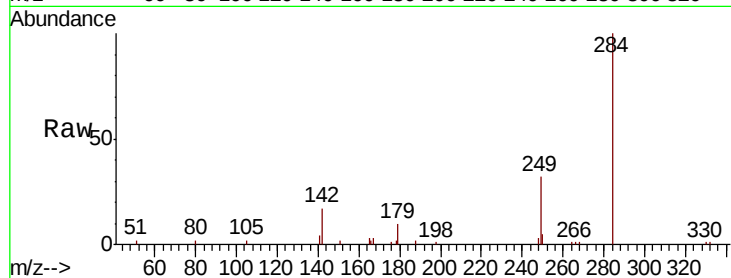
Tgt Ion:284 Resp: 5160

Ion Ratio Lower Upper

284 100

142 27.3 21.0 31.6

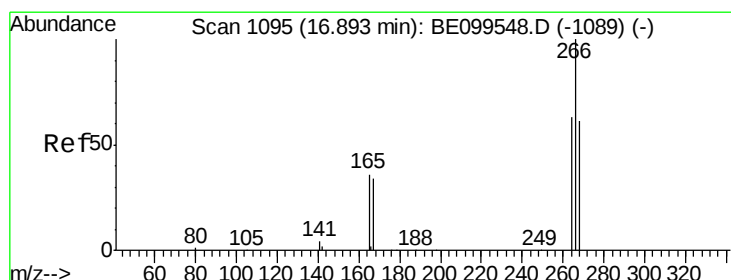
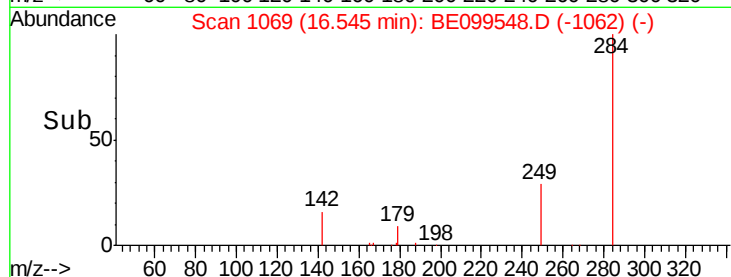
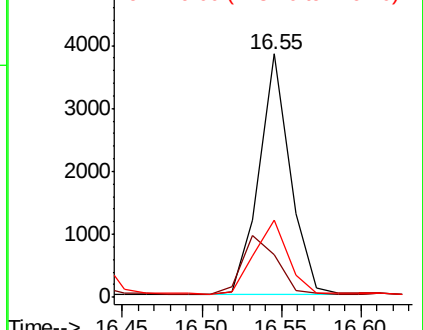
249 33.2 26.7 40.1



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: 0.619 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

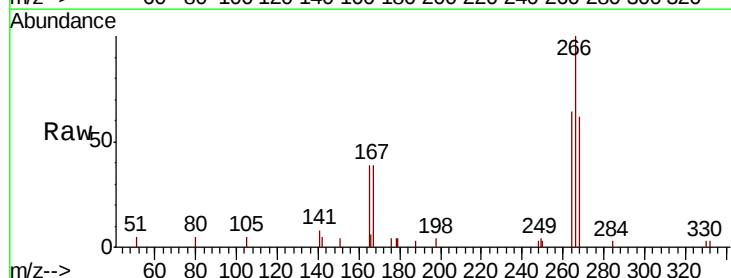
Tgt Ion:266 Resp: 3045

Ion Ratio Lower Upper

266 100

264 63.7 50.8 76.2

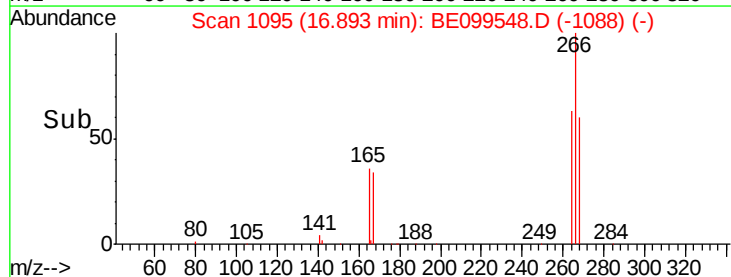
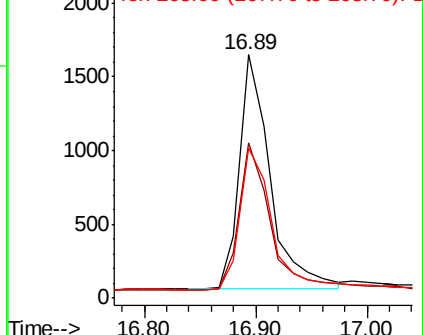
268 61.9 50.5 75.7

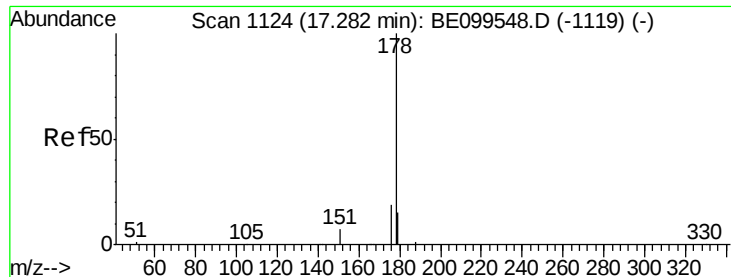


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

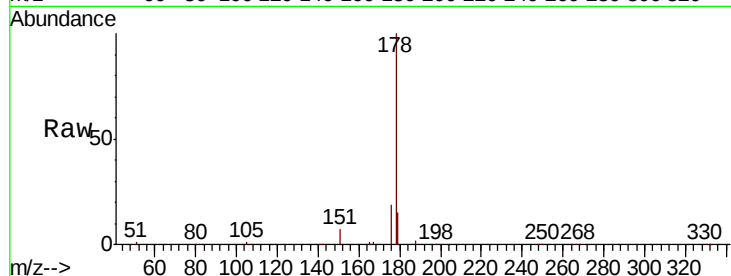
Tgt Ion:178 Resp: 23739

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

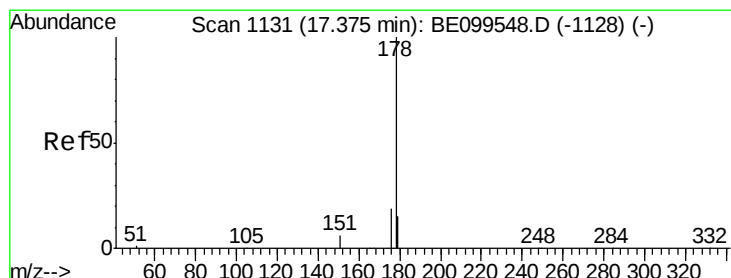
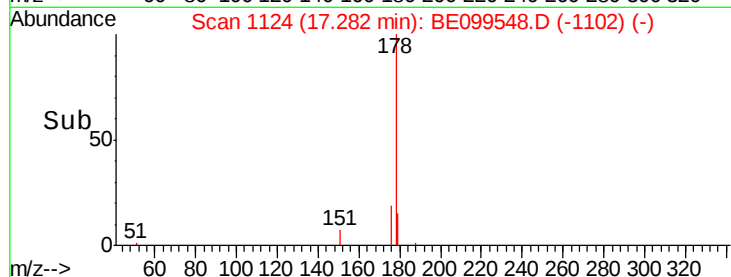
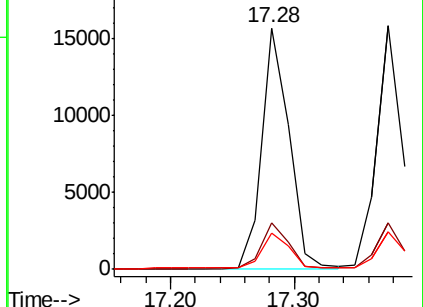
179 15.0 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.407 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

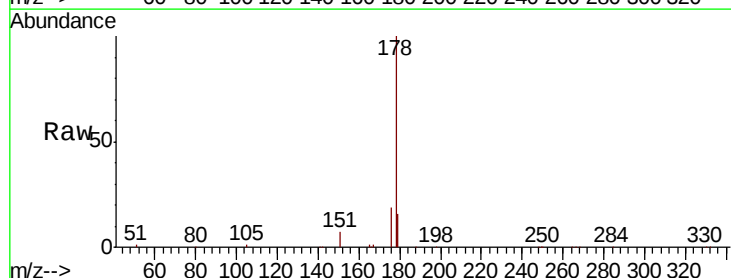
Tgt Ion:178 Resp: 22634

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

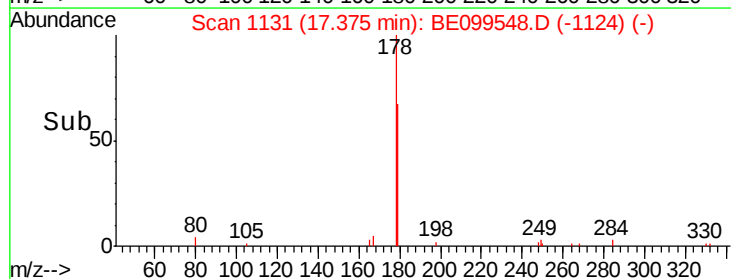
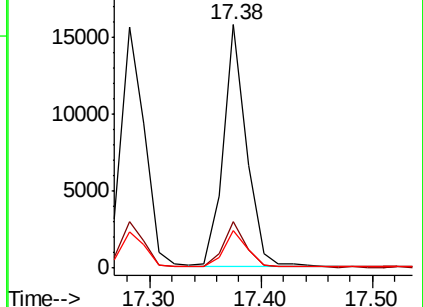
179 15.2 11.9 17.9

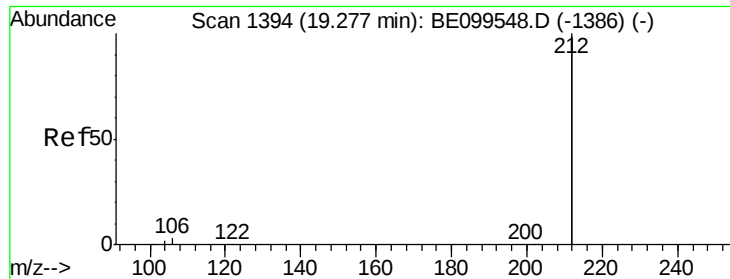


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.411 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

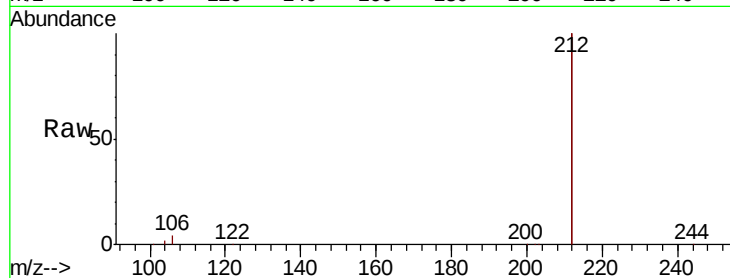
Tgt Ion:212 Resp: 125131

Ion Ratio Lower Upper

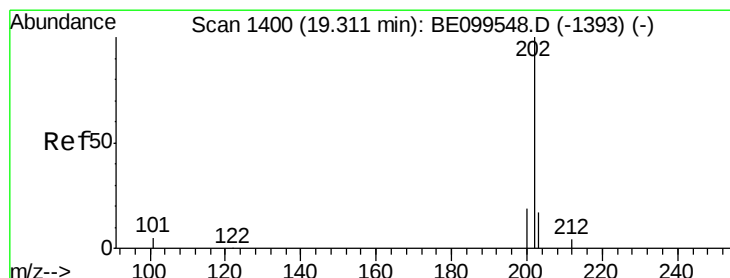
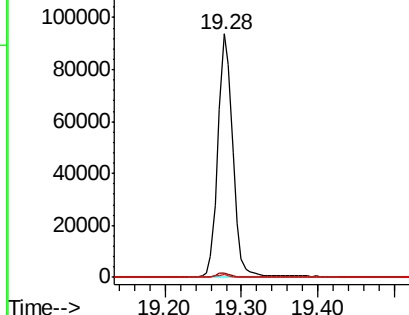
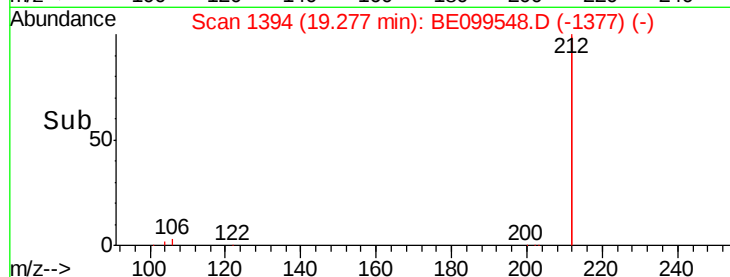
212 100

106 1.7 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: 0.411 ng

RT: 19.31 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

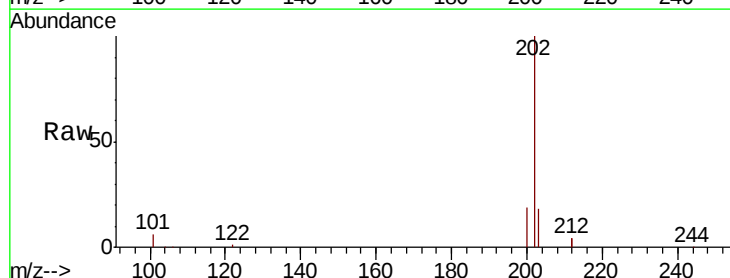
Tgt Ion:202 Resp: 35906

Ion Ratio Lower Upper

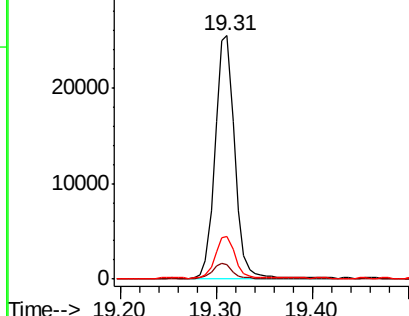
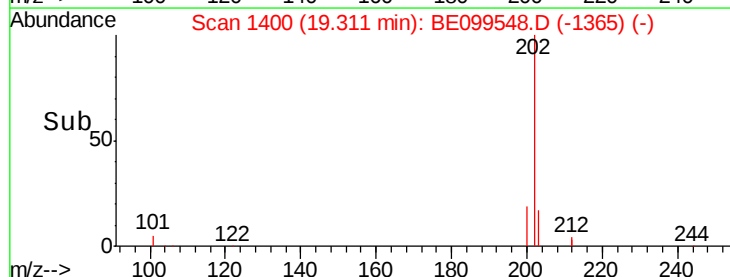
202 100

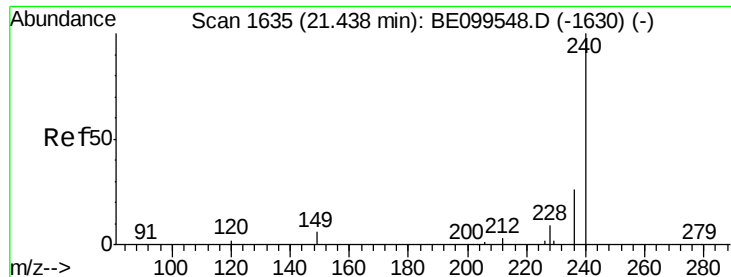
101 6.3 5.4 8.0

203 17.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

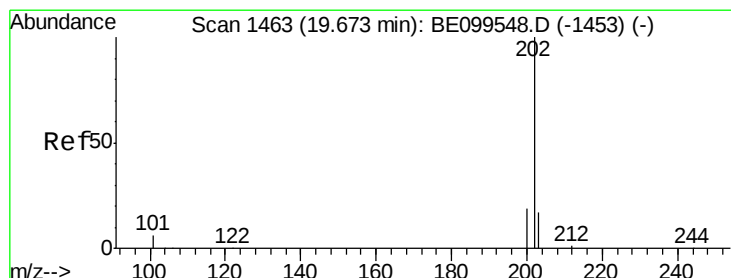
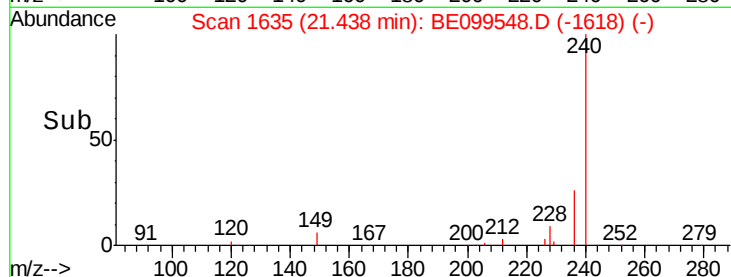
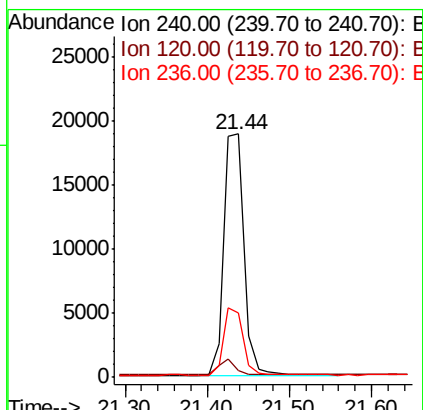
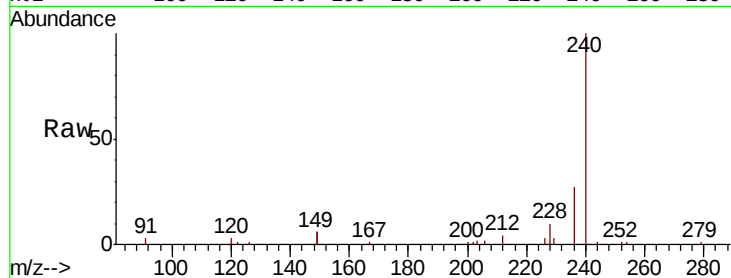




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.44 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BE099548.D
 Acq: 6 May 2019 12:27

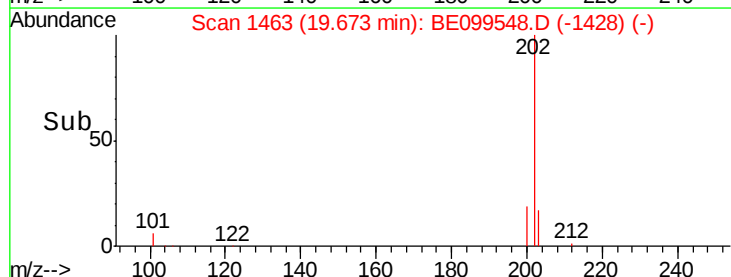
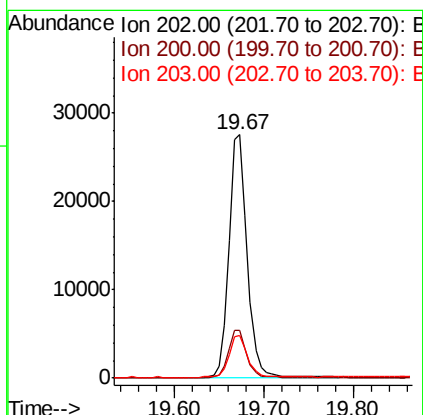
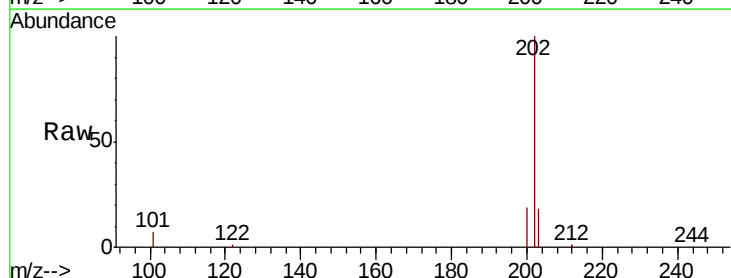
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

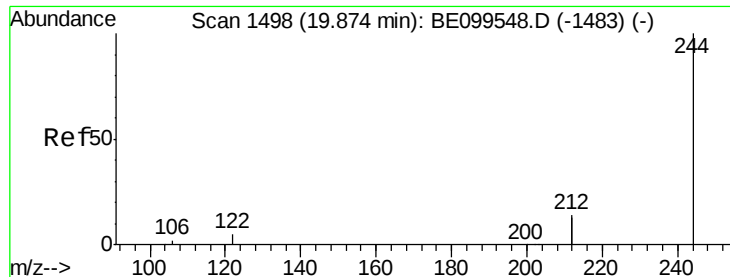
Tgt Ion:240 Resp: 32332
 Ion Ratio Lower Upper
 240 100
 120 2.7 4.0 6.0#
 236 26.6 22.0 33.0



#28
 Pyrene
 Concen: 0.452 ng
 RT: 19.67 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BE099548.D
 Acq: 6 May 2019 12:27

Tgt Ion:202 Resp: 38068
 Ion Ratio Lower Upper
 202 100
 200 19.4 15.7 23.5
 203 17.8 13.9 20.9





#29

Terphenyl-d14

Concen: 0.448 ng

RT: 19.87 min Scan# 1498

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

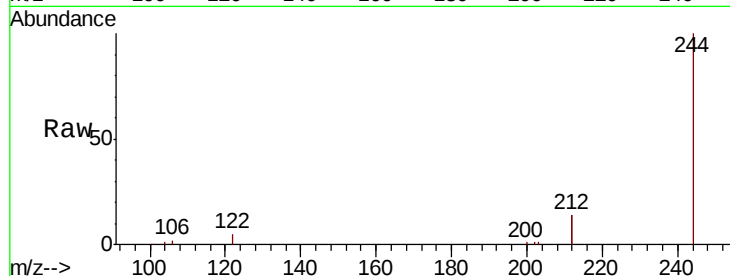
Tgt Ion:244 Resp: 26505

Ion Ratio Lower Upper

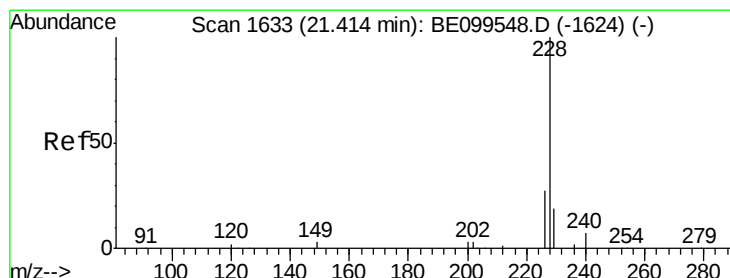
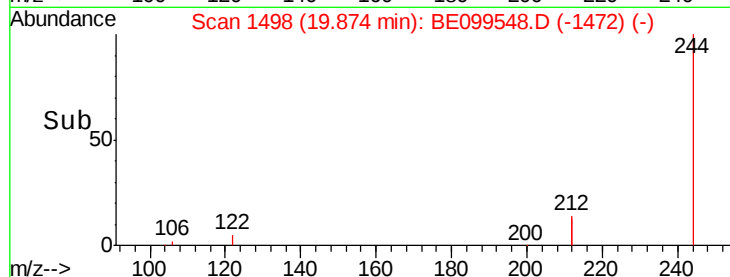
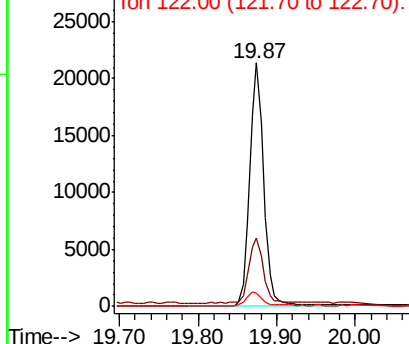
244 100

212 28.2 23.2 34.8

122 5.4 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: 0.456 ng

RT: 21.41 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

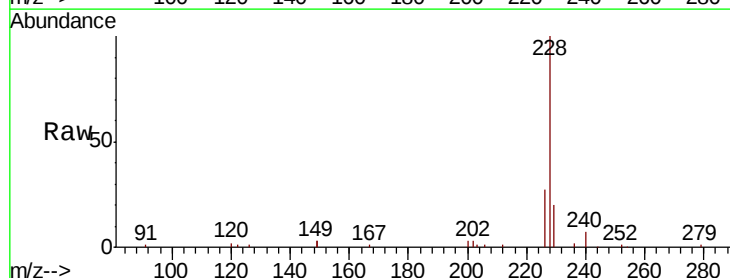
Tgt Ion:228 Resp: 46958

Ion Ratio Lower Upper

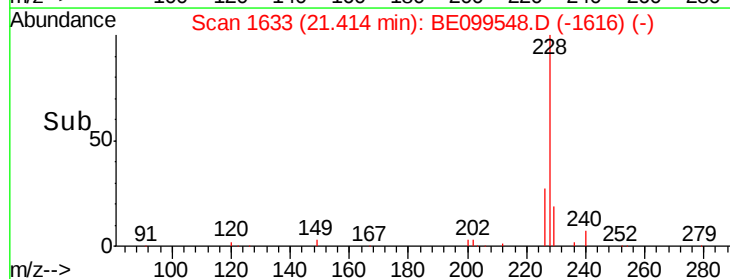
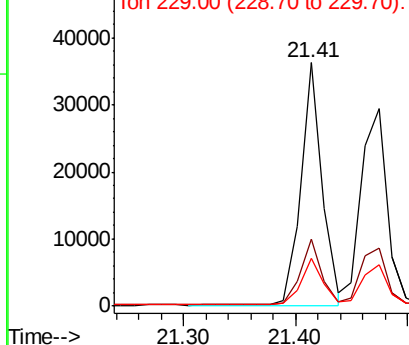
228 100

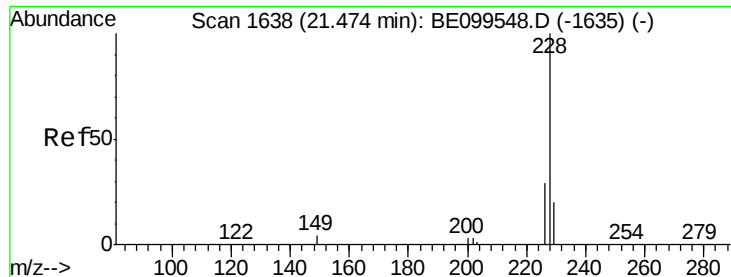
226 27.3 21.0 31.6

229 19.8 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: 0.462 ng

RT: 21.47 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

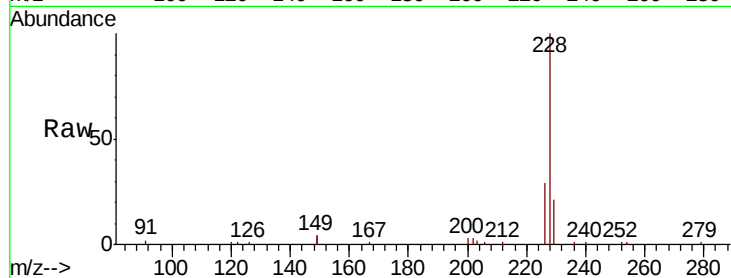
Tgt Ion:228 Resp: 46577

Ion Ratio Lower Upper

228 100

226 29.3 24.0 36.0

229 20.7 15.8 23.8

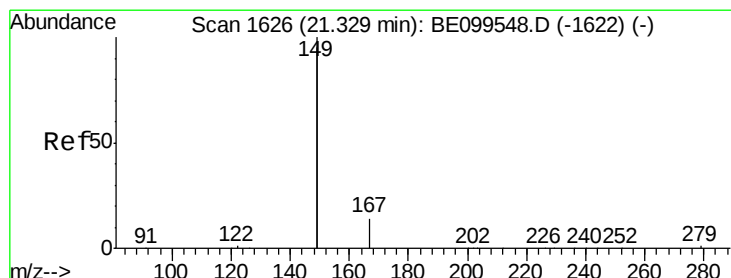
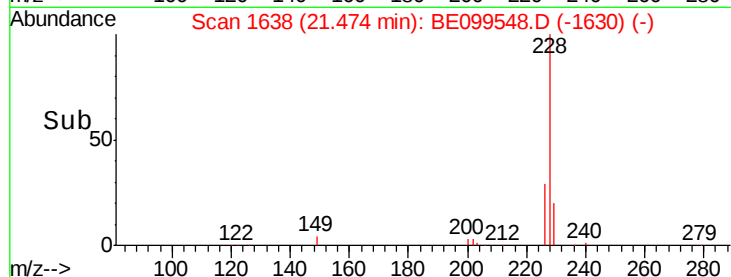
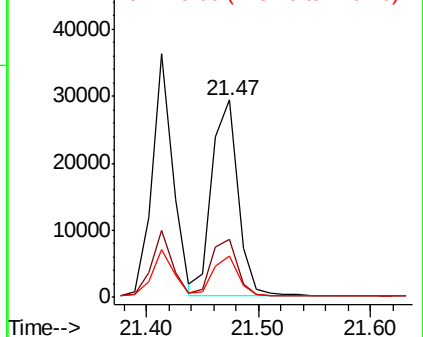


Abundance

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: 0.455 ng

RT: 21.33 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

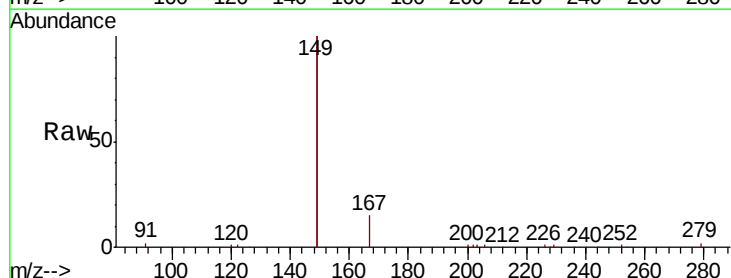
Tgt Ion:149 Resp: 76480

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.6

279 1.5 1.0 1.6

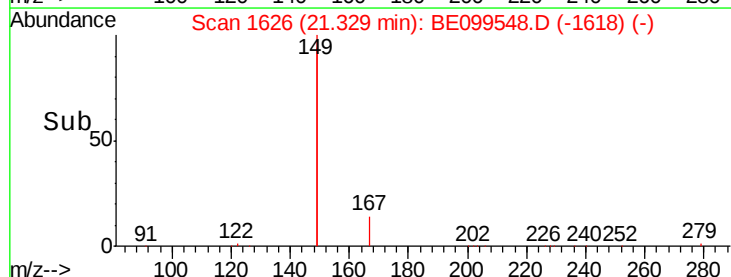
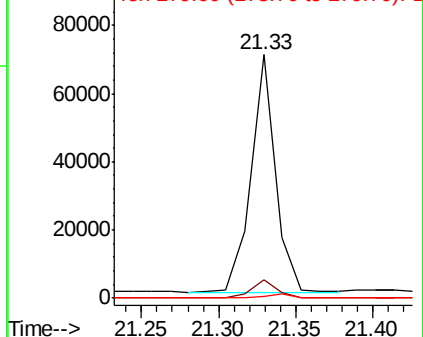


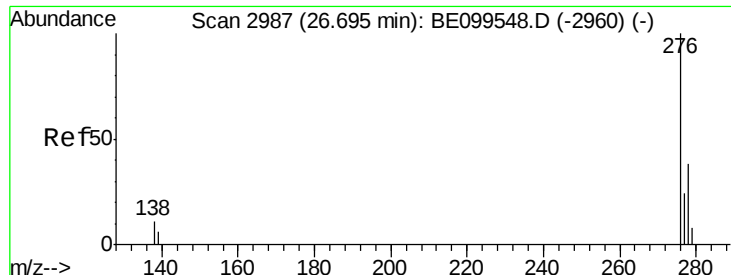
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.519 ng

RT: 26.69 min Scan# 2987

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

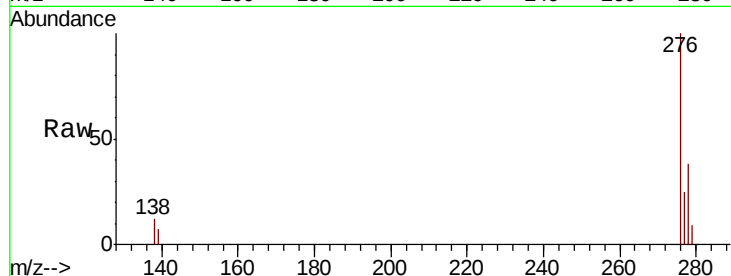
Tgt Ion:276 Resp: 61821

Ion Ratio Lower Upper

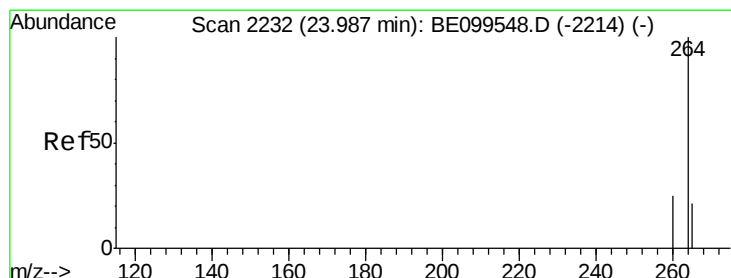
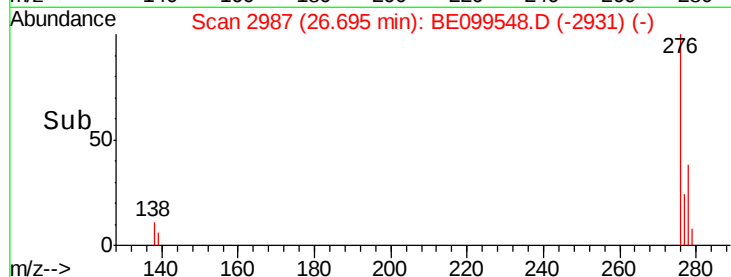
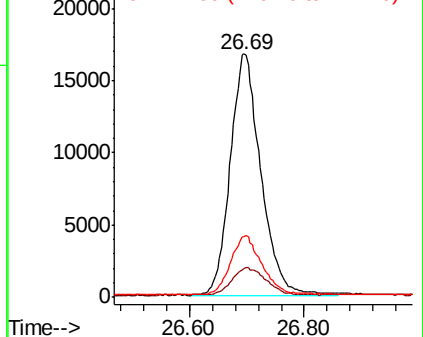
276 100

138 12.5 10.2 15.2

277 24.4 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: 23.99 min Scan# 2232

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

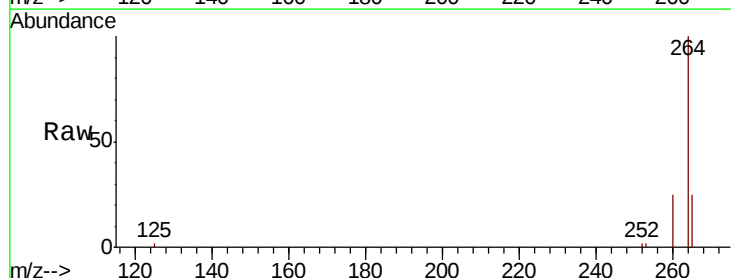
Tgt Ion:264 Resp: 41391

Ion Ratio Lower Upper

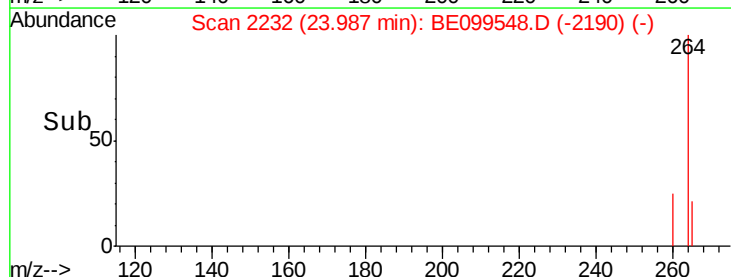
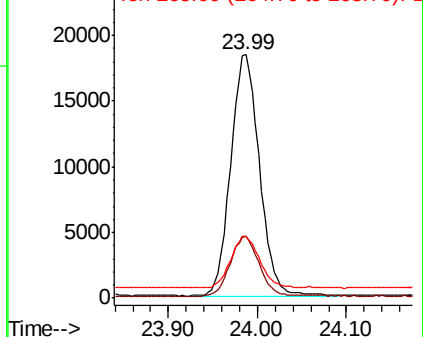
264 100

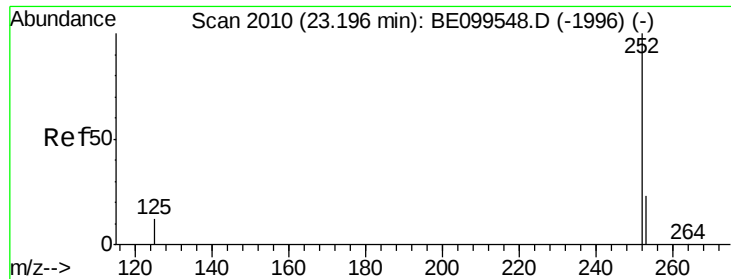
260 25.2 20.2 30.2

265 25.2 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: 0.396 ng

RT: 23.25 min Scan# 2024

Delta R.T. 0.05 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

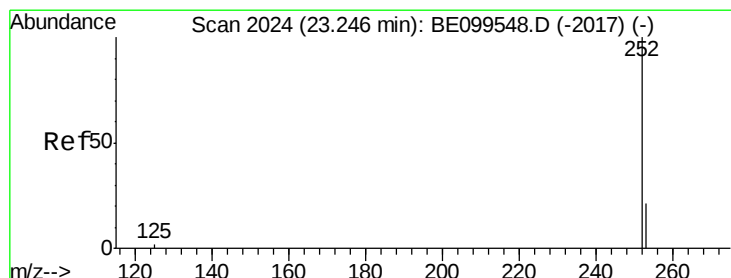
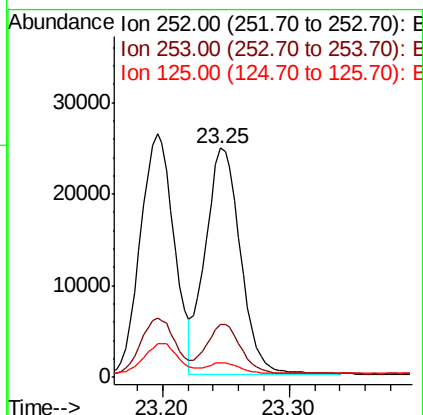
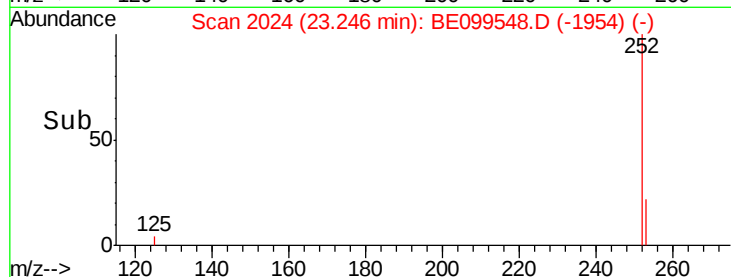
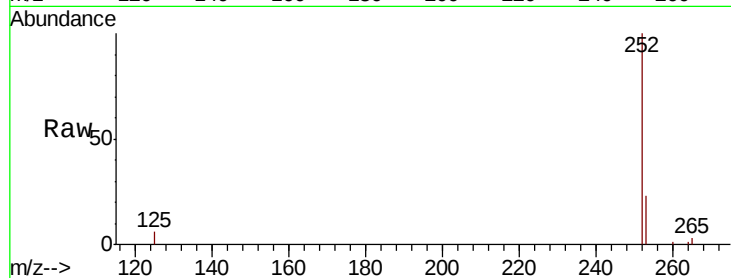
Tgt Ion:252 Resp: 47244

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

125 6.2 5.6 8.4



#36

Benzo(k)fluoranthene

Concen: 0.411 ng

RT: 23.25 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

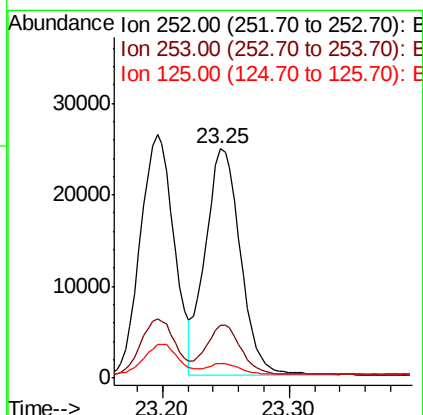
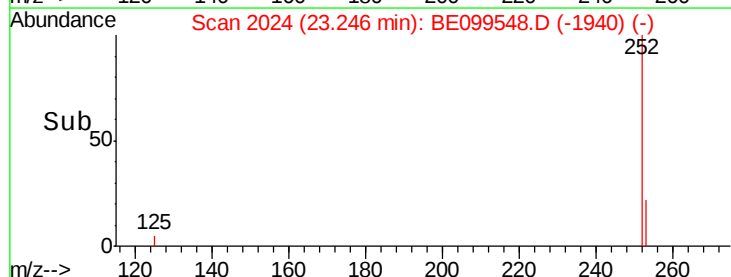
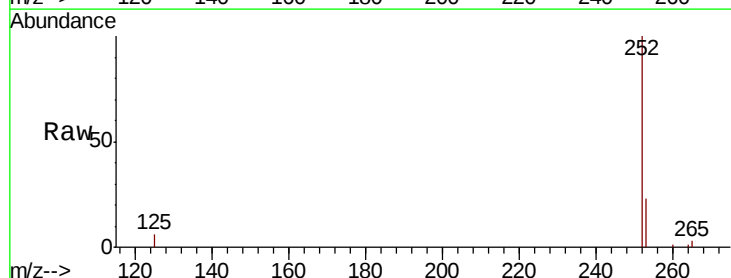
Tgt Ion:252 Resp: 47244

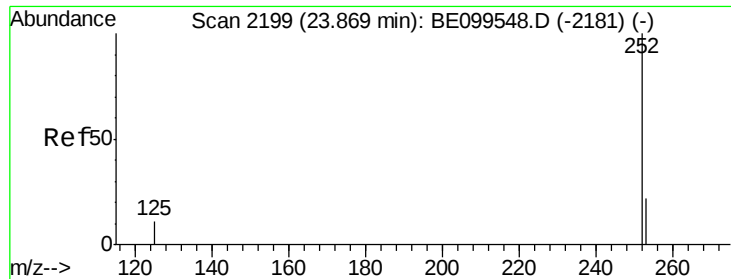
Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

125 6.2 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.420 ng

RT: 23.87 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

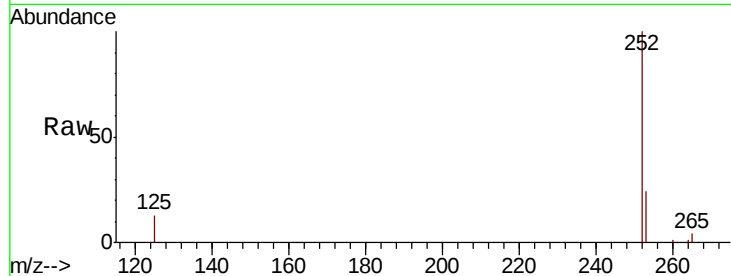
Tgt Ion:252 Resp: 47371

Ion Ratio Lower Upper

252 100

253 24.0 18.9 28.3

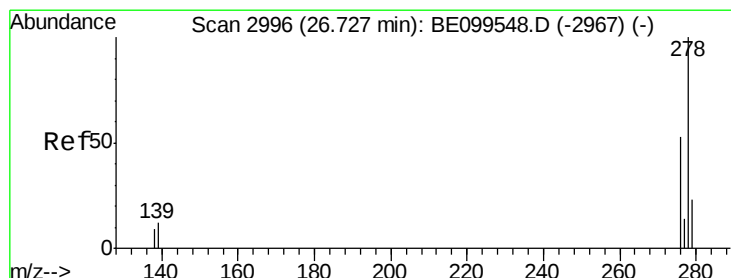
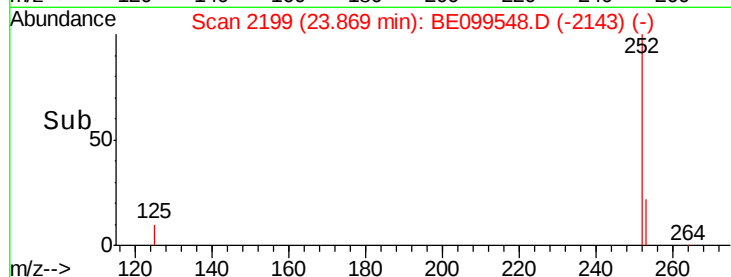
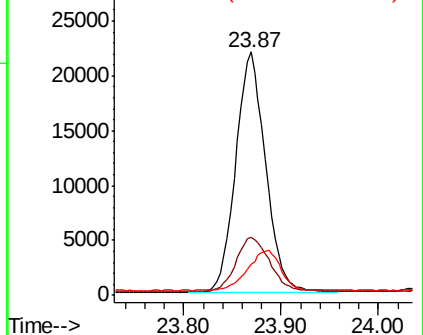
125 12.6 6.7 10.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.437 ng

RT: 26.73 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

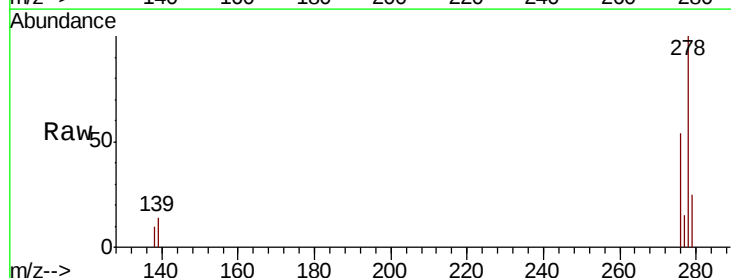
Tgt Ion:278 Resp: 50406

Ion Ratio Lower Upper

278 100

139 13.6 7.7 11.5#

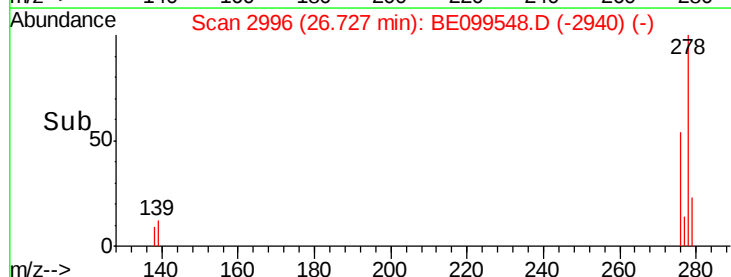
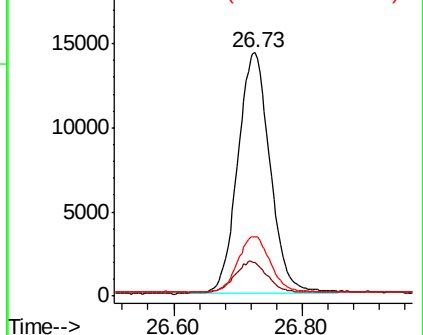
279 24.6 20.2 30.2

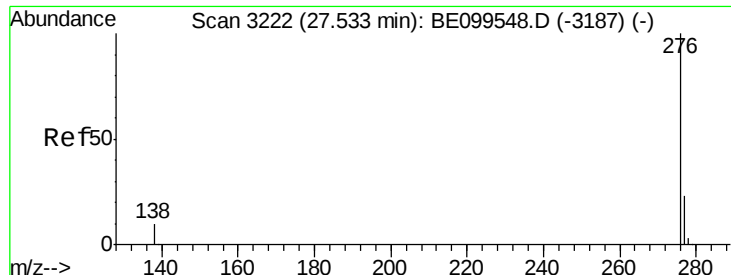


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.437 ng

RT: 27.53 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BE099548.D

Acq: 6 May 2019 12:27

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

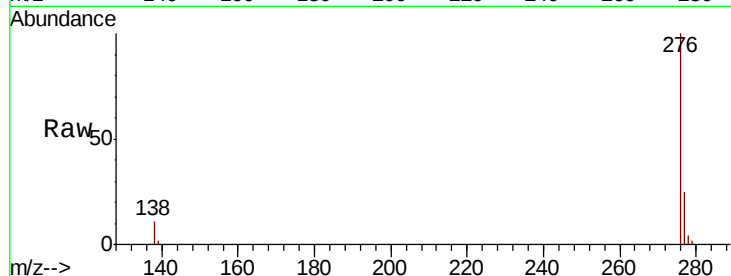
Tgt Ion: 276 Resp: 50581

Ion Ratio Lower Upper

276 100

277 24.6 19.5 29.3

138 11.0 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

