

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE060519\
 Data File : BE099803.D
 Acq On : 5 Jun 2019 12:51
 Operator : JU/SJ
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Quant Time: Jun 05 13:30:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE060519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 05 13:24:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1757	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	6159	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	4340	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	12363	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	19991	0.40	ng	-0.01
34) Perylene-d12	23.94	264	19723	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	23709	5.34	ng	0.00
5) Phenol-d6	6.96	99	32330	5.50	ng	0.00
8) Nitrobenzene-d5	8.96	82	31950	5.99	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	56576	5.32	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	16825	6.55	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	86869	5.28	ng	-0.01
25) Fluoranthene-d10	19.25	212	898400	5.32	ng	0.00
29) Terphenyl-d14	19.85	244	184850	5.18	ng	0.00

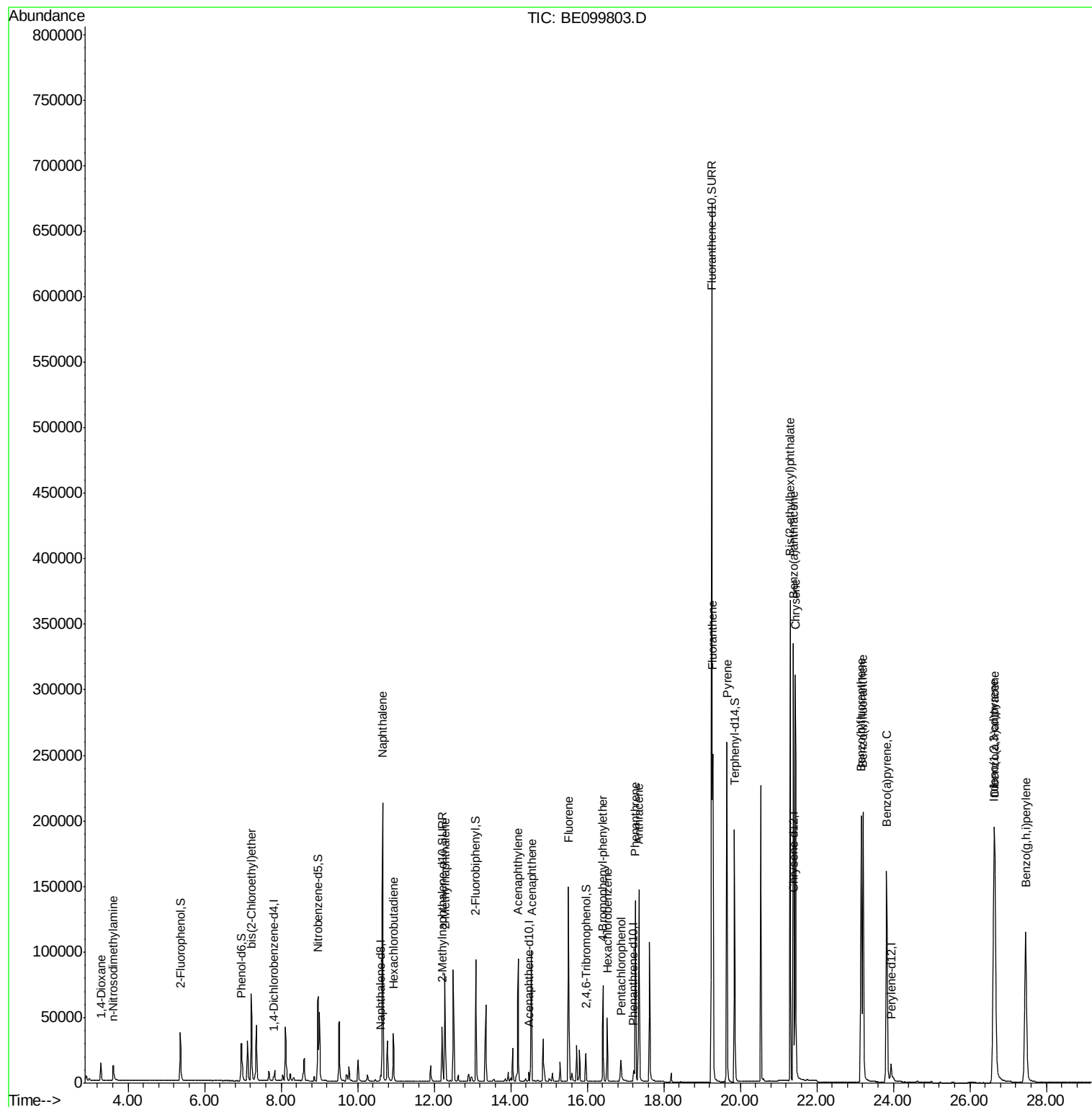
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	12076	4.644	ng	96
3) n-Nitrosodimethylamine	3.60	42	7709	5.368	ng	# 85
6) bis(2-Chloroethyl)ether	7.22	93	27617	5.283	ng	99
9) Naphthalene	10.65	128	342285	5.197	ng	98
10) Hexachlorobutadiene	10.93	225	25808	5.321	ng	98
12) 2-Methylnaphthalene	12.28	142	57922	5.394	ng	96
16) Acenaphthylene	14.20	152	112557	5.565	ng	99
17) Acenaphthene	14.54	154	60904	5.364	ng	99
18) Fluorene	15.51	166	88131	5.270	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	40068	5.621	ng	# 84
21) Hexachlorobenzene	16.52	284	41094	5.634	ng	97
22) Pentachlorophenol	16.88	266	15229	7.252	ng	# 79
23) Phenanthrene	17.25	178	160313	5.307	ng	100
24) Anthracene	17.35	178	159151	5.809	ng	100
26) Fluoranthene	19.28	202	253557	5.309	ng	99
28) Pyrene	19.65	202	259717	5.171	ng	100
30) Benzo(a)anthracene	21.39	228	304120	5.354	ng	98
31) Chrysene	21.44	228	307998	5.071	ng	96
32) Bis(2-ethylhexyl)phthalate	21.31	149	355754	5.434	ng	100
33) Indeno(1,2,3-cd)pyrene	26.62	276	366036	4.992	ng	99
35) Benzo(b)fluoranthene	23.16	252	295865	5.474	ng	# 95
36) Benzo(k)fluoranthene	23.21	252	315066	5.592	ng	98
37) Benzo(a)pyrene	23.83	252	285398	5.487	ng	# 91
38) Dibenzo(a,h)anthracene	26.66	278	301305	5.517	ng	# 97
39) Benzo(g,h,i)perylene	27.46	276	302879	5.492	ng	99

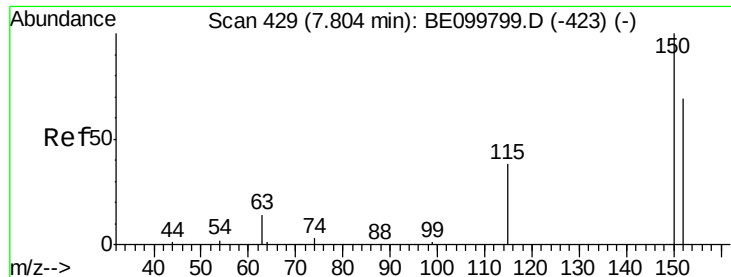
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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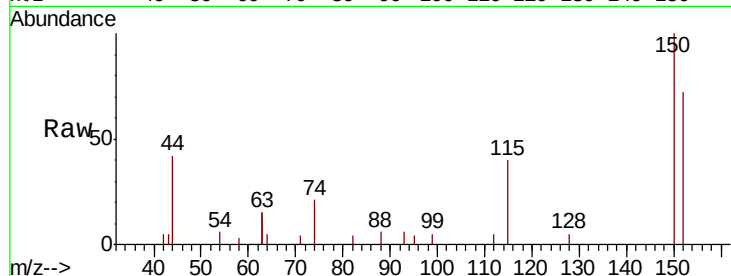


#1

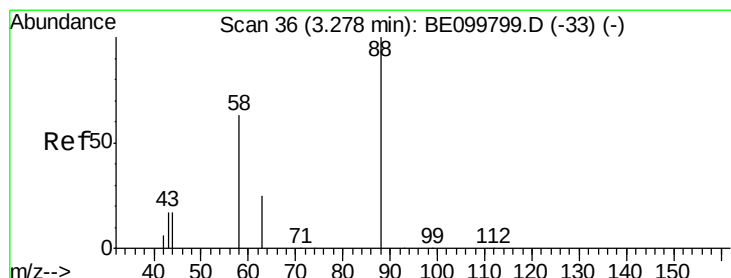
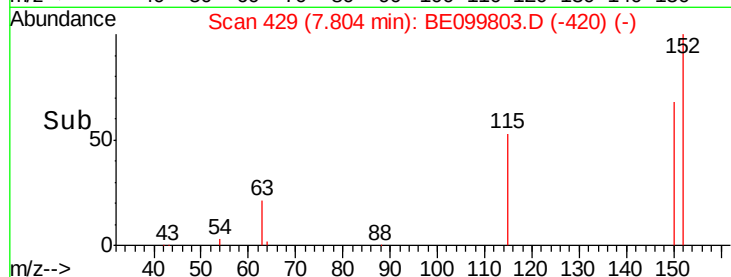
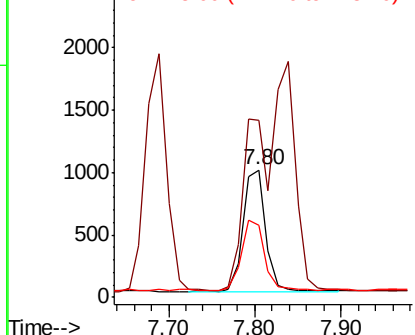
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:152 Resp: 1757
Ion Ratio Lower Upper
152 100
150 139.1 112.8 169.2
115 56.0 47.6 71.4



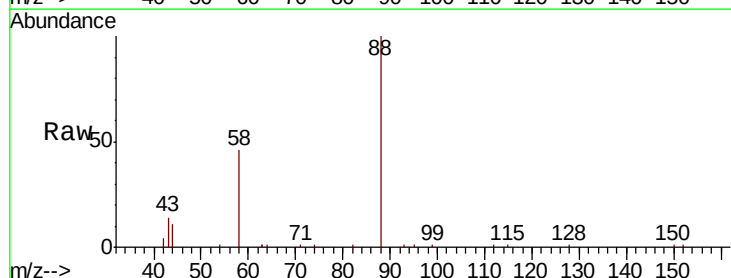
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



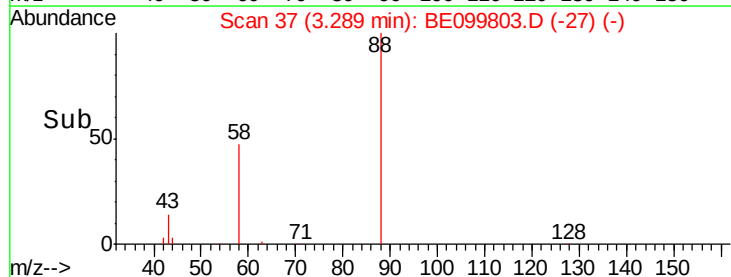
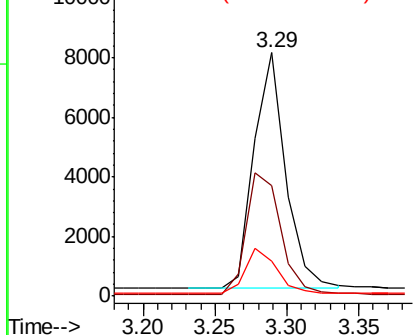
#2

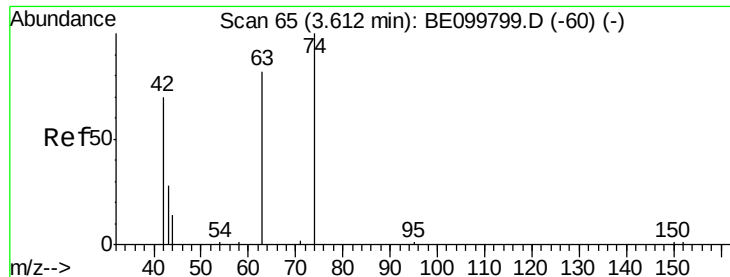
1,4-Dioxane
Concen: 4.644 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.01 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

Tgt Ion: 88 Resp: 12076
Ion Ratio Lower Upper
88 100
58 57.0 47.5 71.3
43 19.2 18.2 27.4



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: 5.368 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

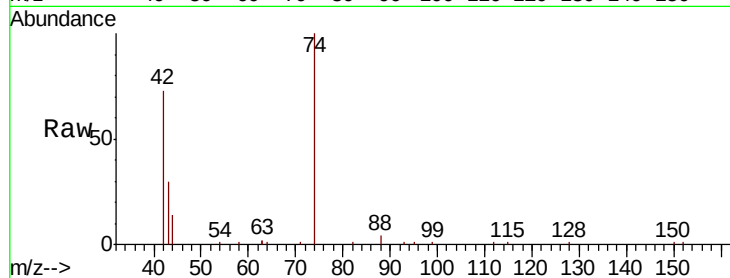
Tot Ion: 42 Resp: 7709

Ion Ratio Lower Upper

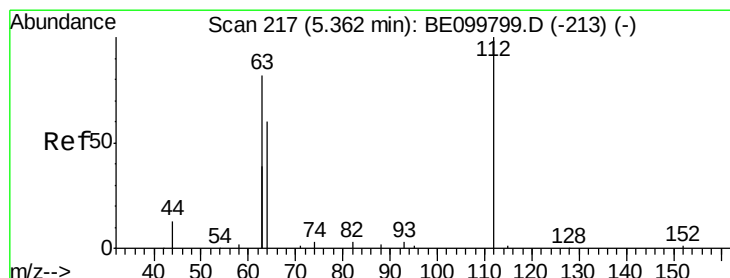
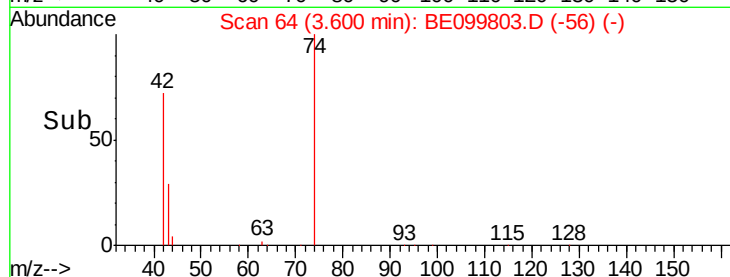
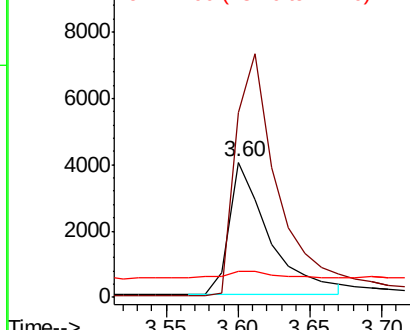
42 100

74 193.1 137.8 206.6

44 7.1 10.8 16.2#



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: 5.340 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

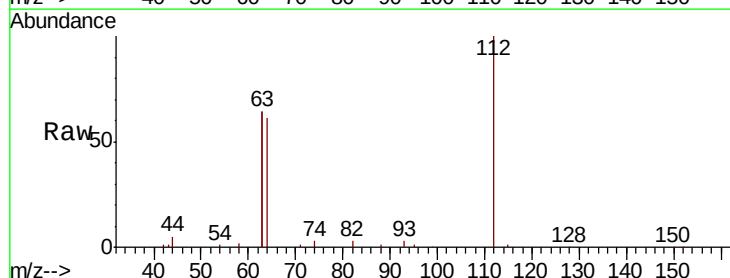
Tgt Ion: 112 Resp: 23709

Ion Ratio Lower Upper

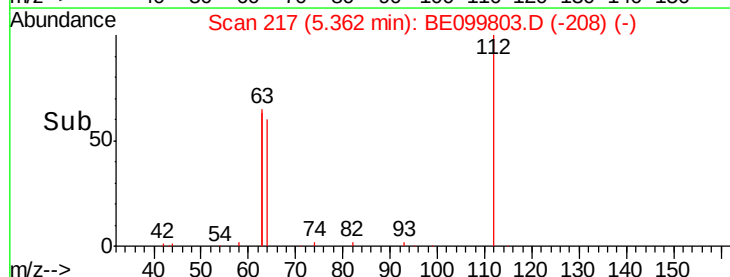
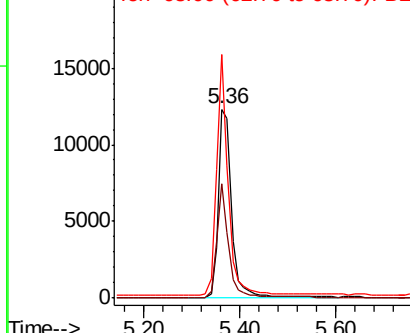
112 100

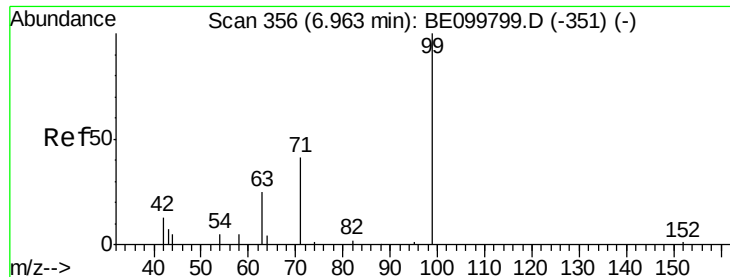
64 53.4 47.2 70.8

63 111.8 90.7 136.1



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: 5.501 ng

RT: 6.96 min Scan# 356

Delta R.T. 0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

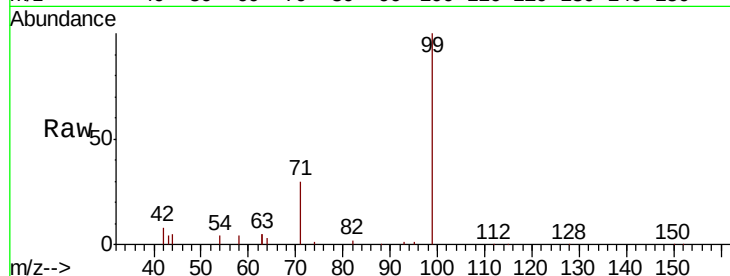
Tot Ion: 99 Resp: 32330

Ion Ratio Lower Upper

99 100

42 13.4 11.0 16.4

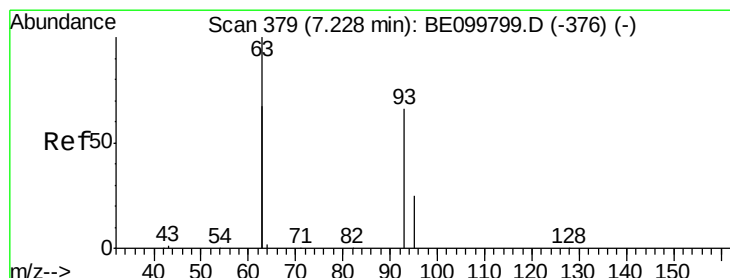
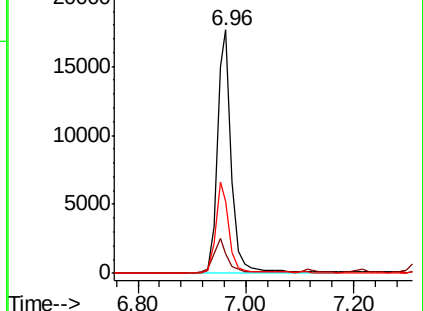
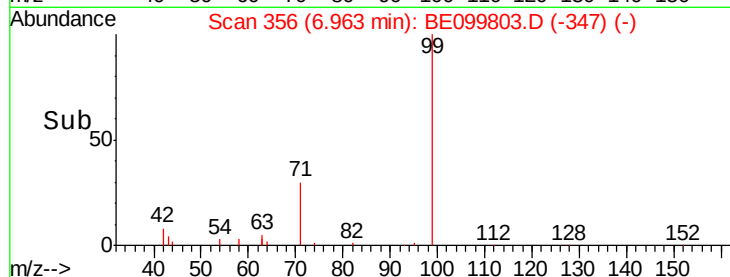
71 36.0 26.1 39.1



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: 5.283 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.01 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

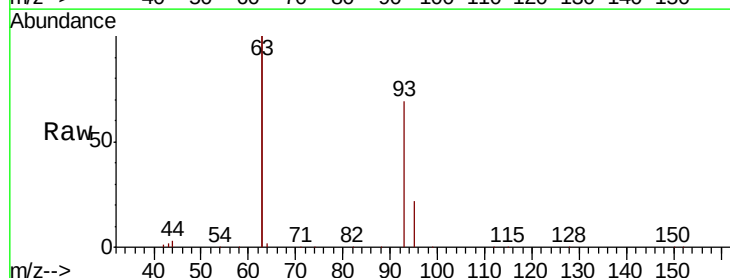
Tgt Ion: 93 Resp: 27617

Ion Ratio Lower Upper

93 100

63 260.8 208.8 313.2

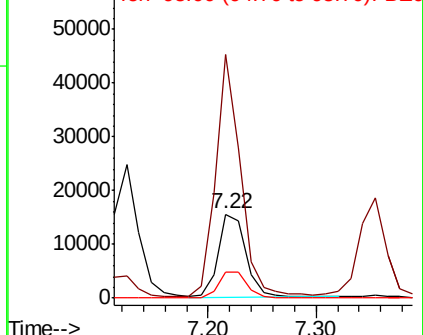
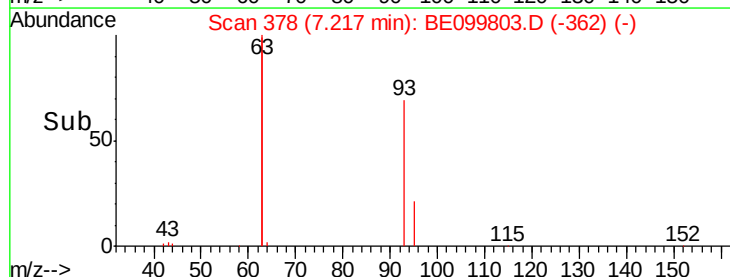
95 32.2 27.6 41.4

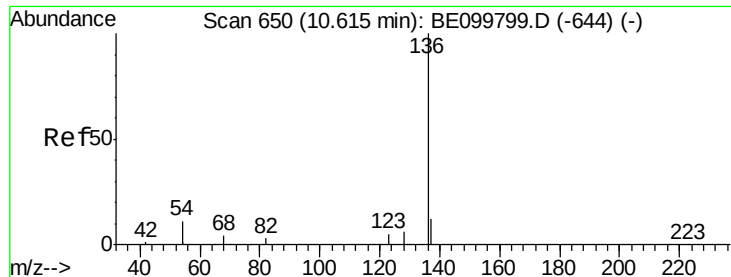


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 6159

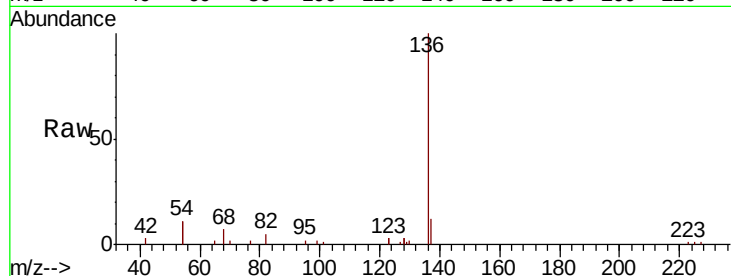
Ion Ratio Lower Upper

136 100

137 11.7 11.1 16.7

54 23.0 17.9 26.9

68 6.5 5.4 8.0

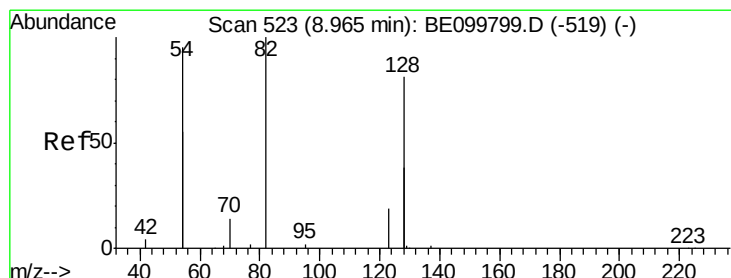
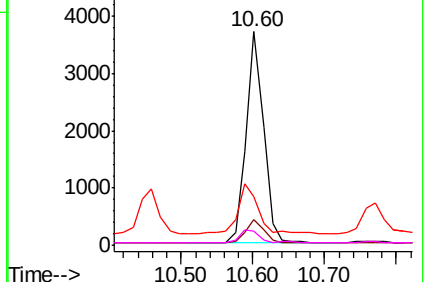
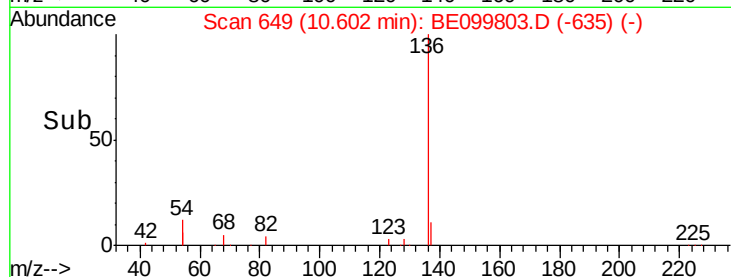


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.992 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

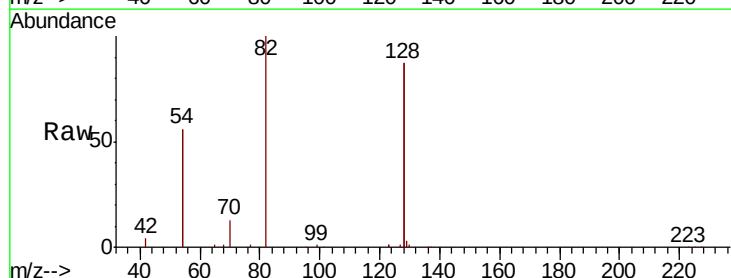
Tgt Ion: 82 Resp: 31950

Ion Ratio Lower Upper

82 100

128 174.8 116.6 175.0

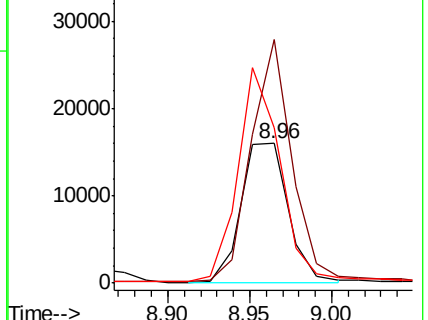
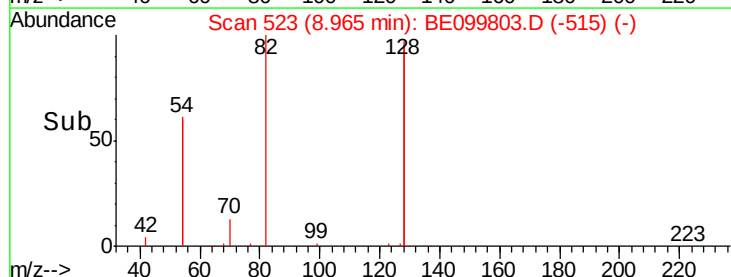
54 111.2 136.2 204.4#

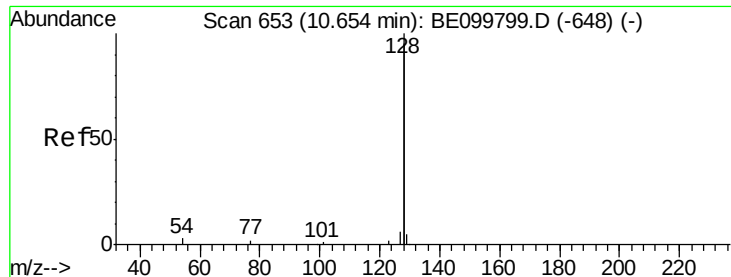


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 5.197 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

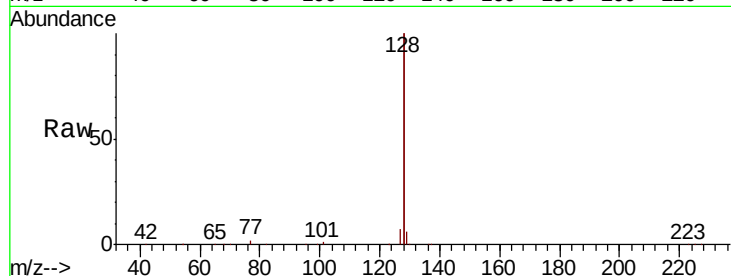
Tot Ion:128 Resp: 342285

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

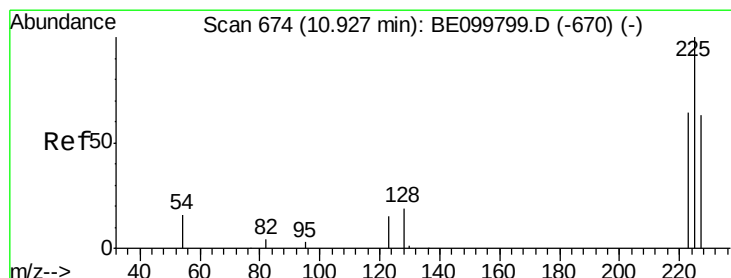
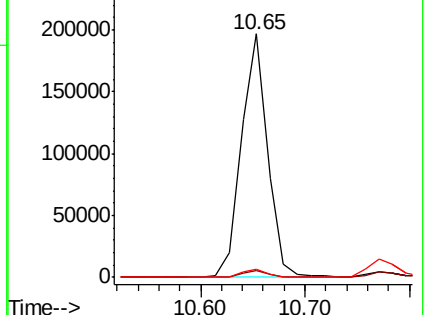
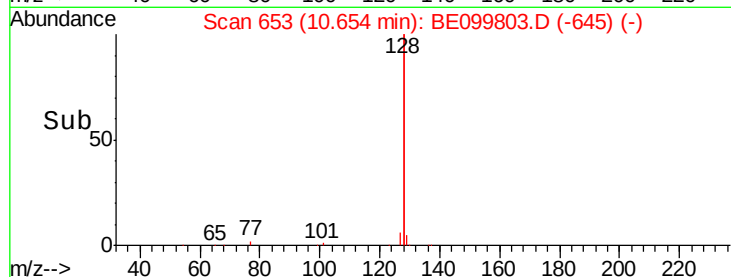
127 3.3 3.0 4.6



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: 5.321 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

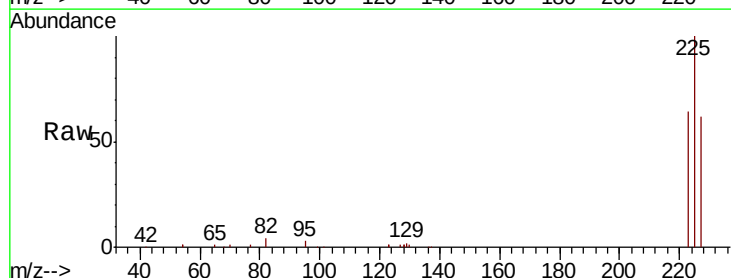
Tgt Ion:225 Resp: 25808

Ion Ratio Lower Upper

225 100

223 63.1 48.6 72.8

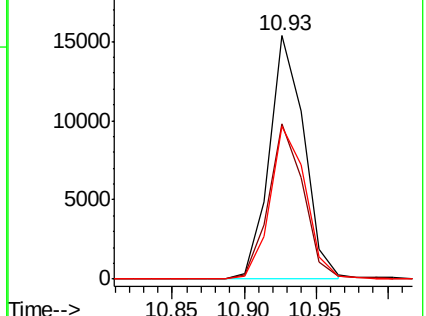
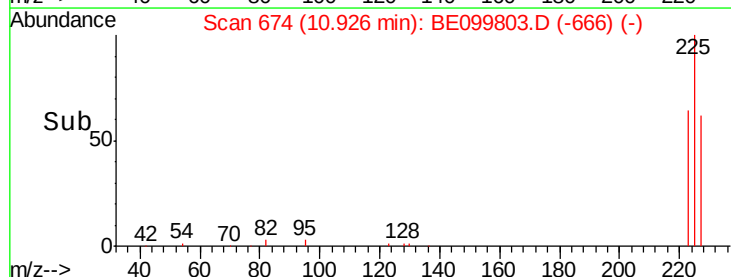
227 63.7 51.8 77.6

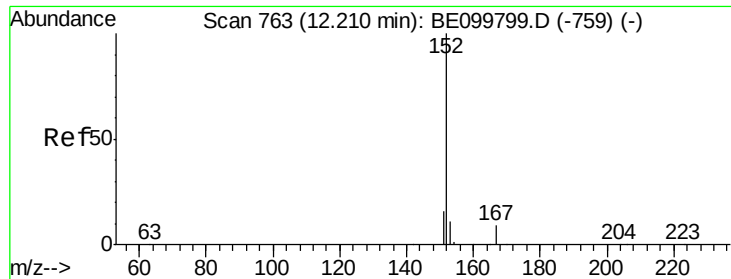


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

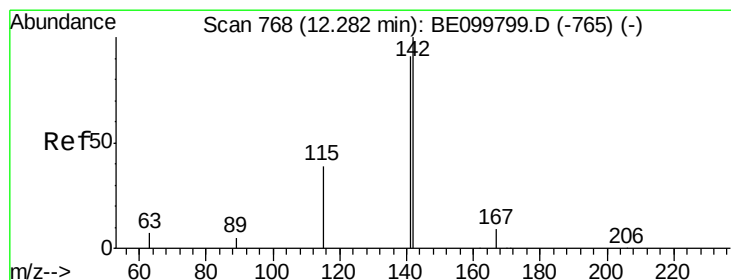
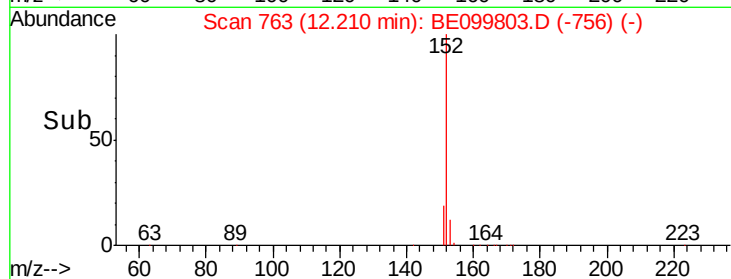
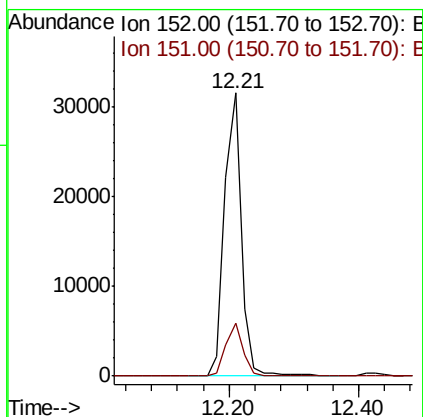
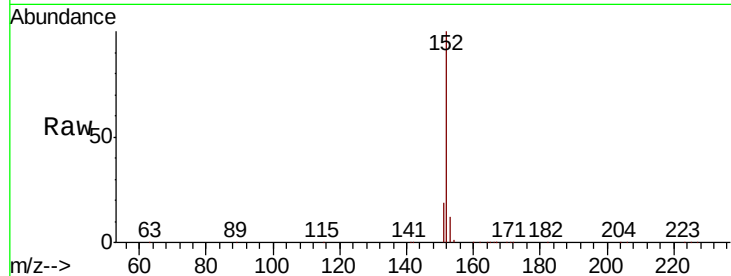




#11
 2-Methylnaphthalene-d10
 Concen: 5.323 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE099803.D
 Acq: 5 Jun 2019 12:51

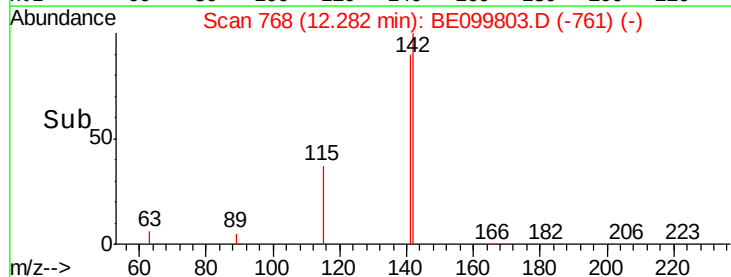
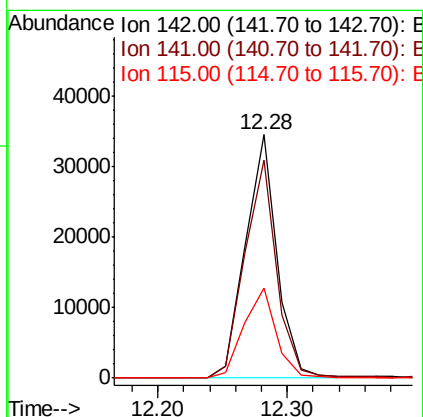
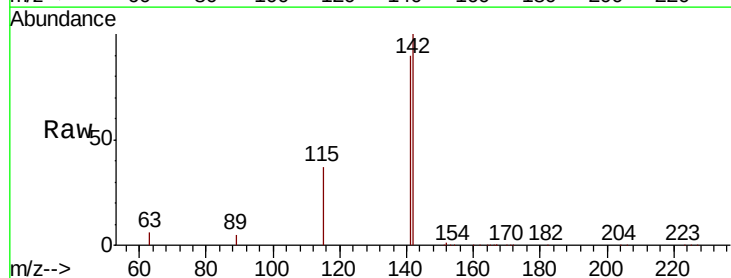
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

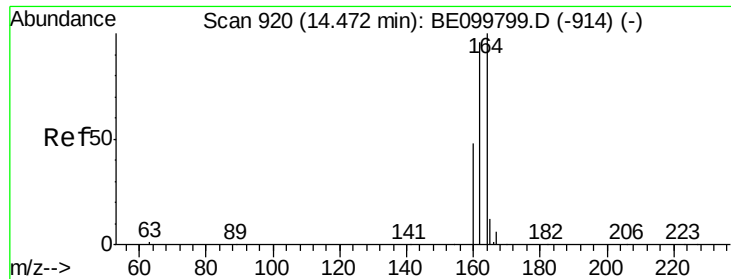
Tot Ion:152 Resp: 56576
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 5.394 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE099803.D
 Acq: 5 Jun 2019 12:51

Tgt Ion:142 Resp: 57922
 Ion Ratio Lower Upper
 142 100
 141 89.5 73.3 109.9
 115 37.2 33.4 50.2

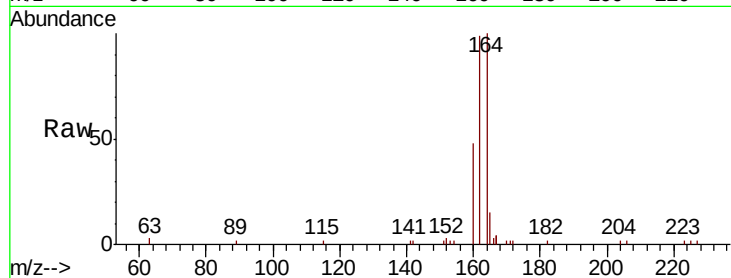




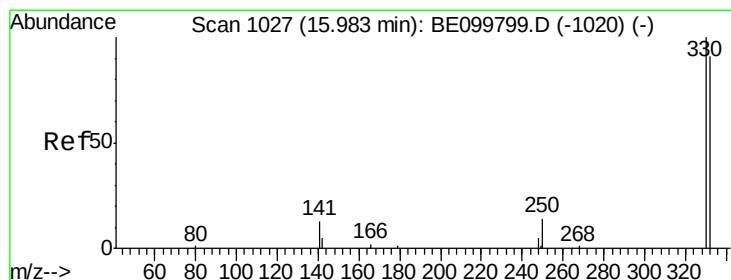
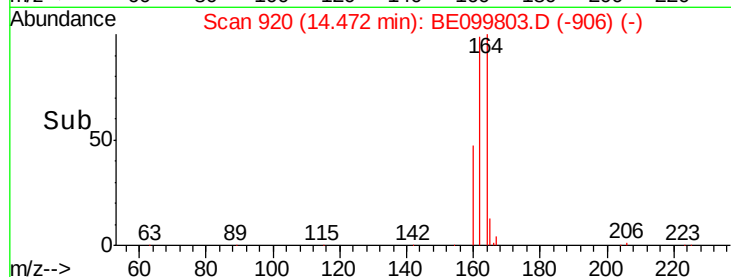
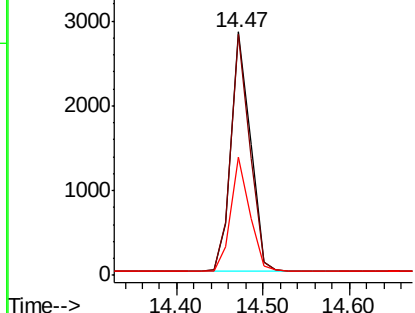
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:164 Resp: 4340
Ion Ratio Lower Upper
164 100
162 99.0 77.2 115.8
160 48.3 39.4 59.2

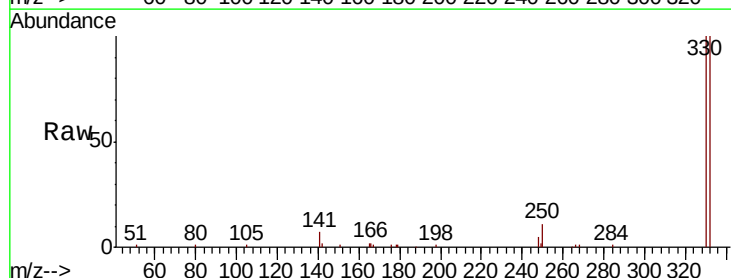


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

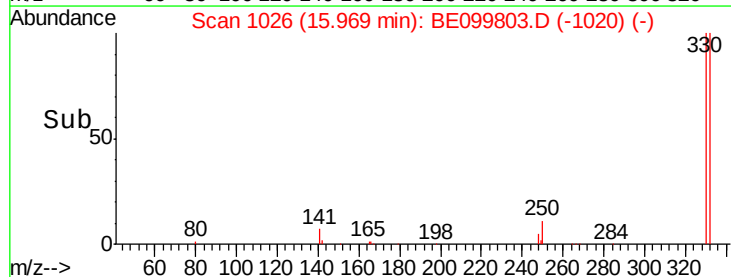
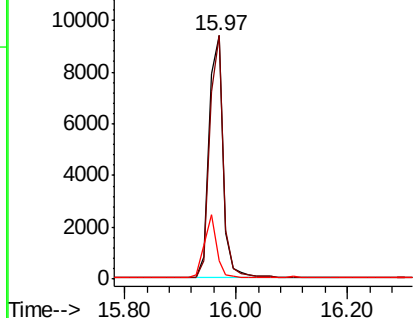


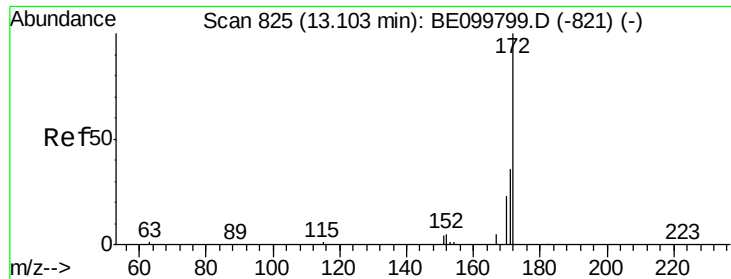
#14
2,4,6-Tribromophenol
Concen: 6.546 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

Tgt Ion:330 Resp: 16825
Ion Ratio Lower Upper
330 100
332 96.6 72.9 109.3
141 22.2 15.6 23.4



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

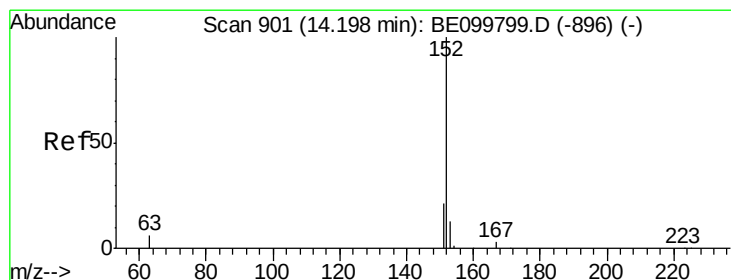
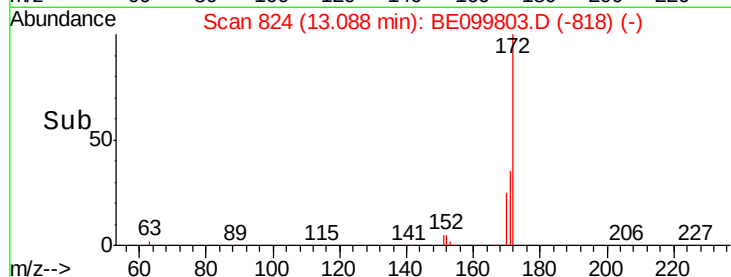
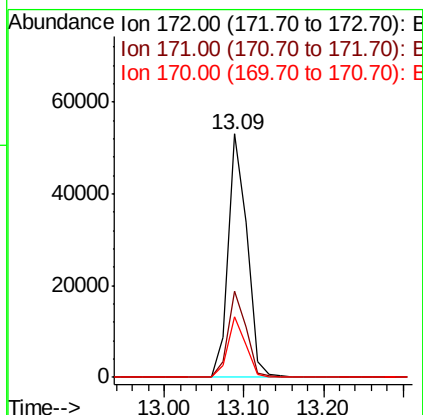
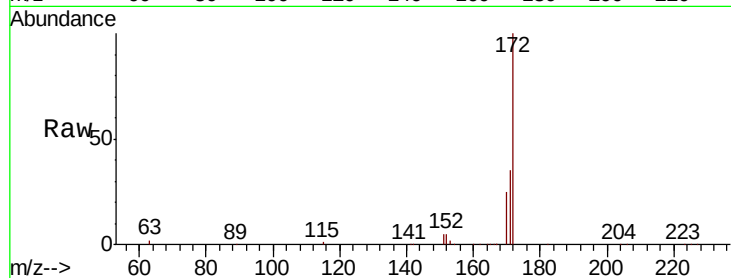




#15
2-Fluorobiphenyl
Concen: 5.275 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

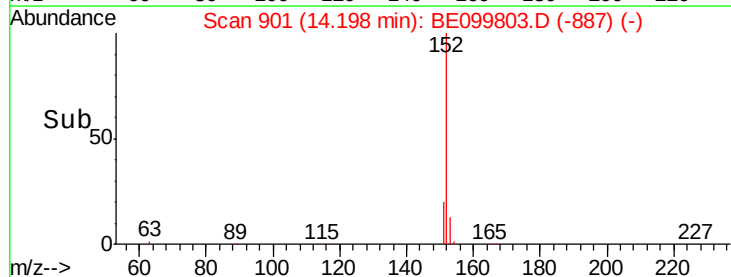
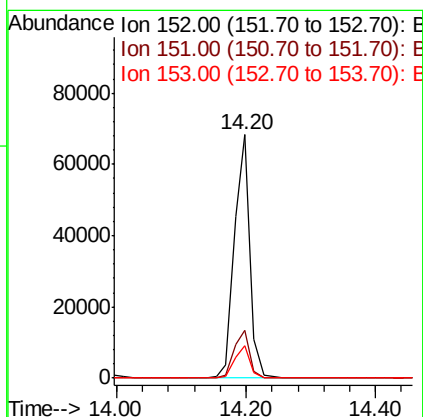
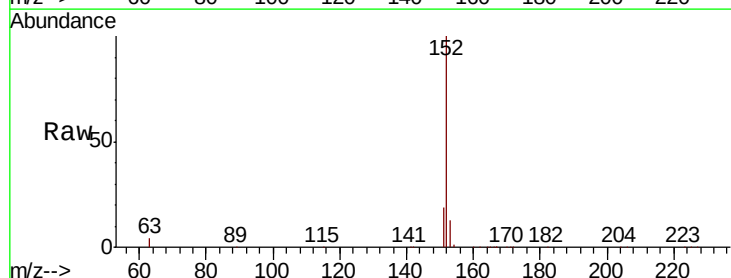
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

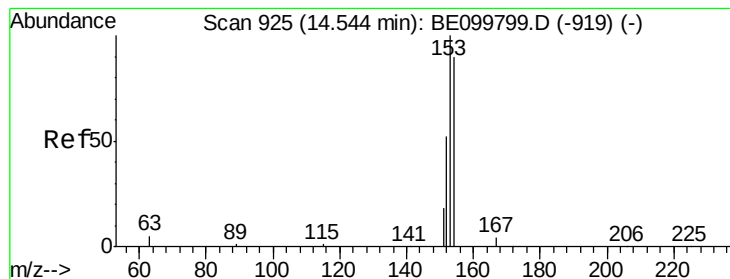
Tot Ion:172 Resp: 86869
Ion Ratio Lower Upper
172 100
171 35.5 30.2 45.4
170 25.0 20.1 30.1



#16
Acenaphthylene
Concen: 5.565 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

Tgt Ion:152 Resp: 112557
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.0 10.8 16.2





#17

Acenaphthene

Concen: 5.364 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

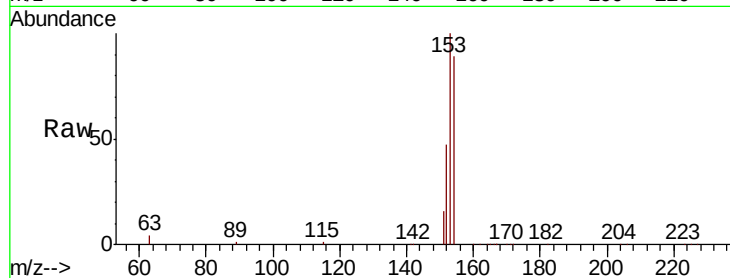
Tot Ion:154 Resp: 60904

Ion Ratio Lower Upper

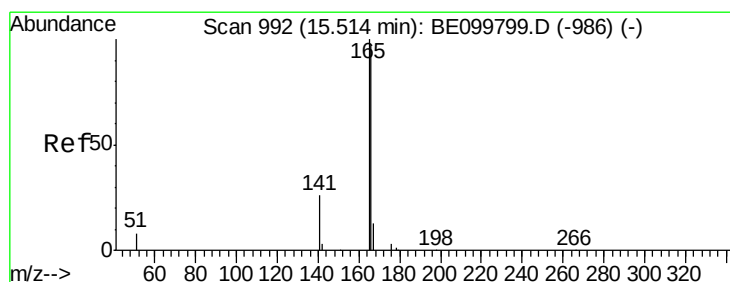
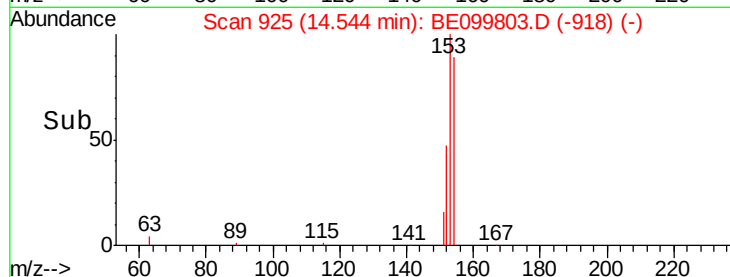
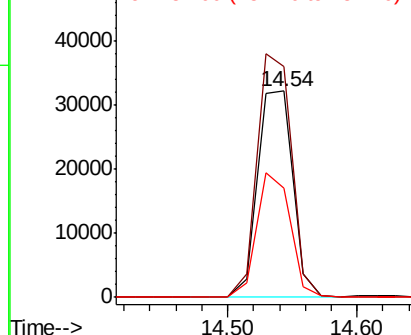
154 100

153 115.6 92.8 139.2

152 57.2 47.7 71.5



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: 5.270 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

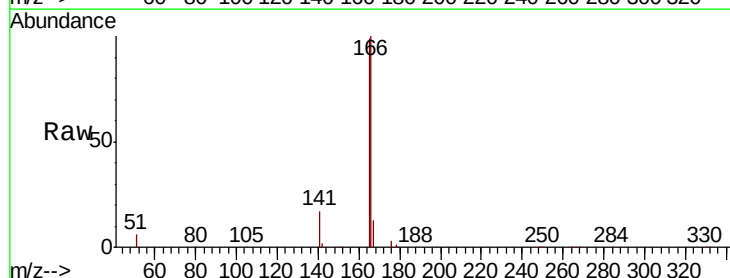
Tgt Ion:166 Resp: 88131

Ion Ratio Lower Upper

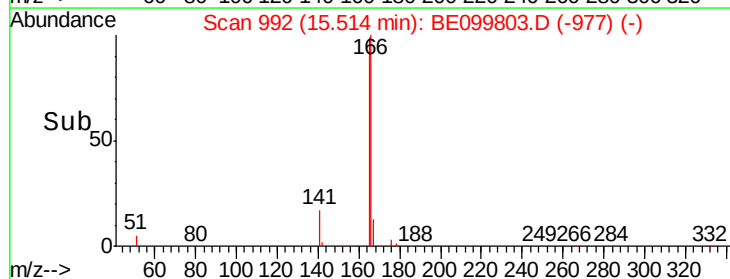
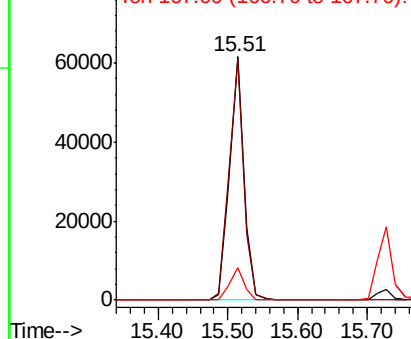
166 100

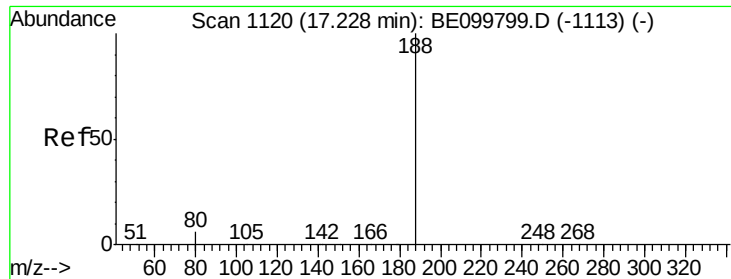
165 100.0 80.4 120.6

167 13.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

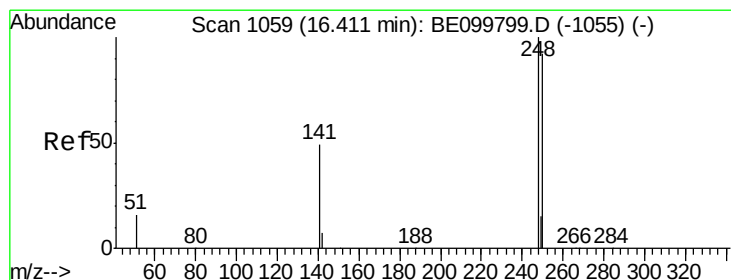
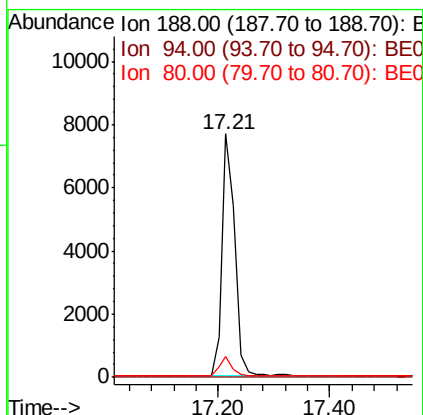
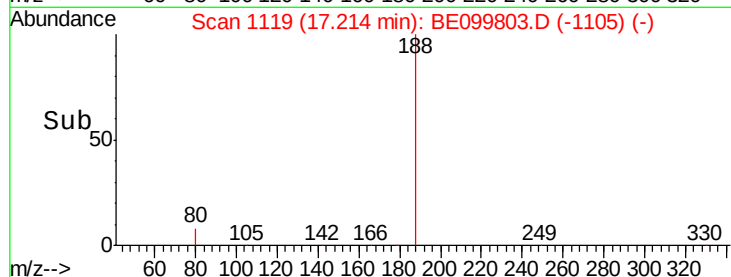
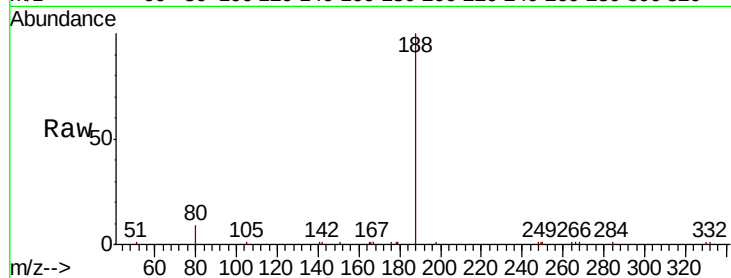
Tot Ion:188 Resp: 12363

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 5.2 7.8#



#20

4-Bromophenyl-phenylether

Concen: 5.621 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

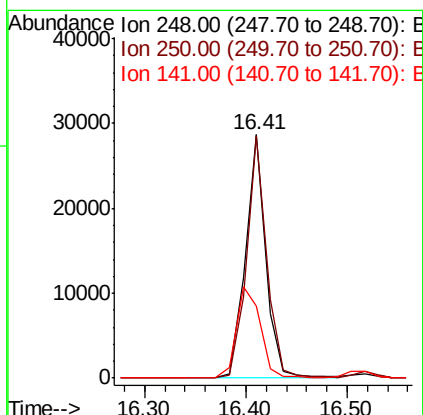
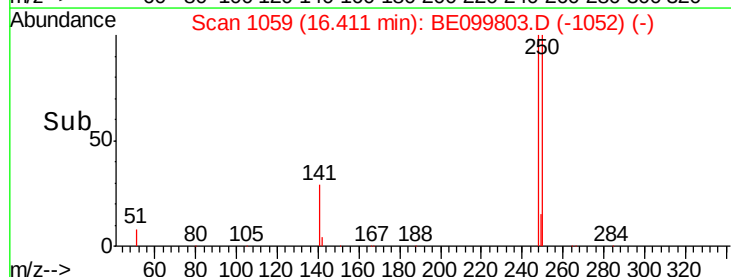
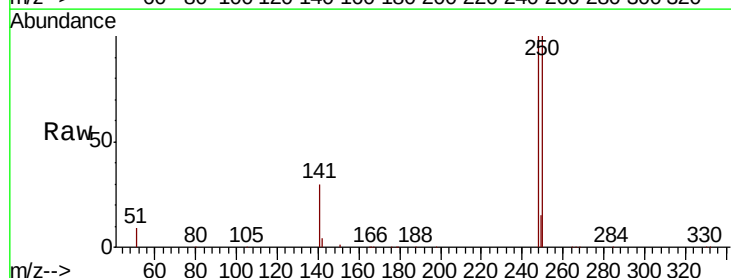
Tgt Ion:248 Resp: 40068

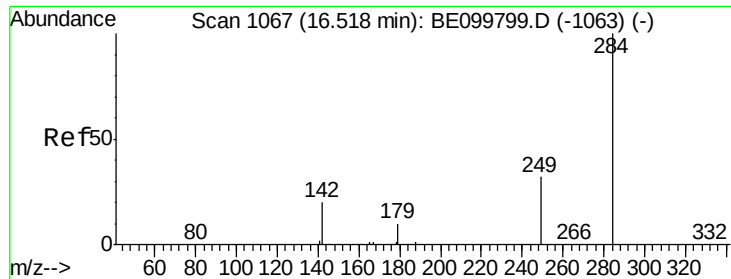
Ion Ratio Lower Upper

248 100

250 99.6 73.7 110.5

141 29.6 40.9 61.3#

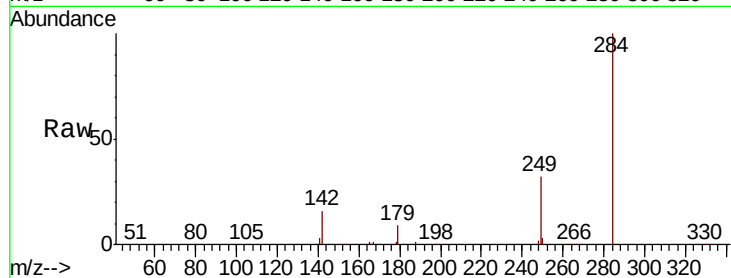




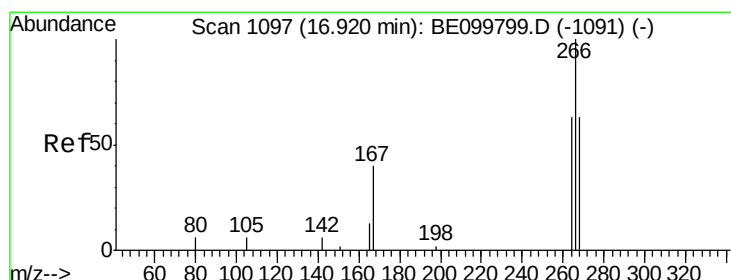
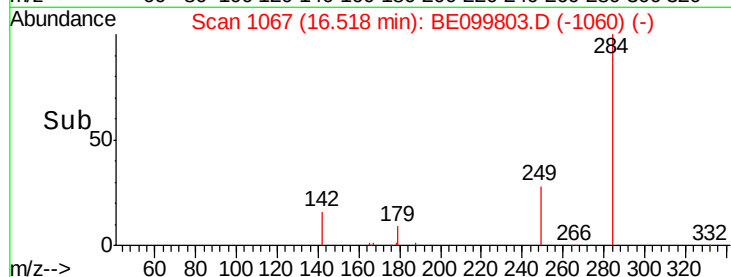
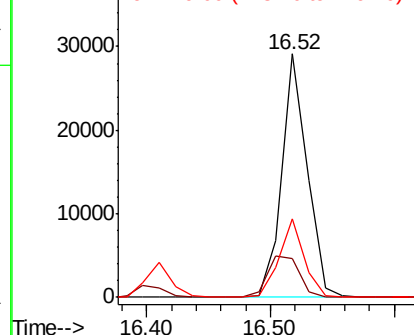
#21
Hexachlorobenzene
Concen: 5.634 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:284 Resp: 41094
Ion Ratio Lower Upper
284 100
142 21.0 16.2 24.4
249 31.1 23.0 34.6

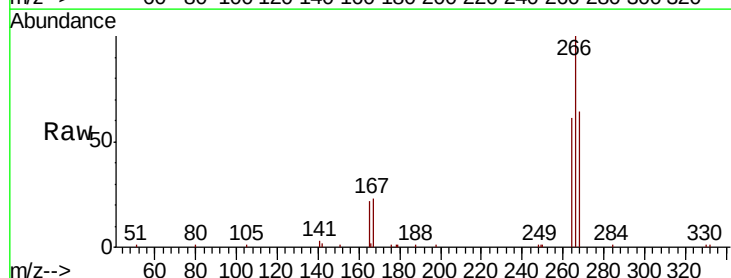


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

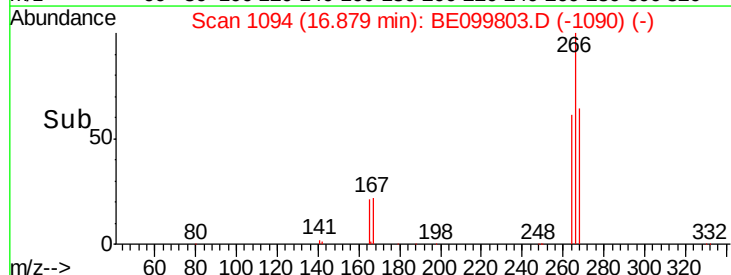
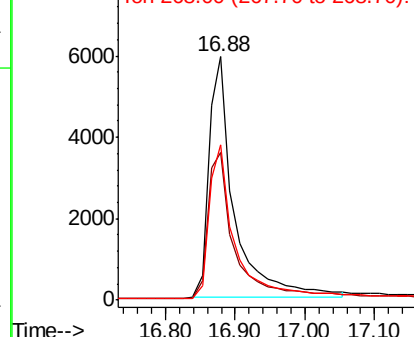


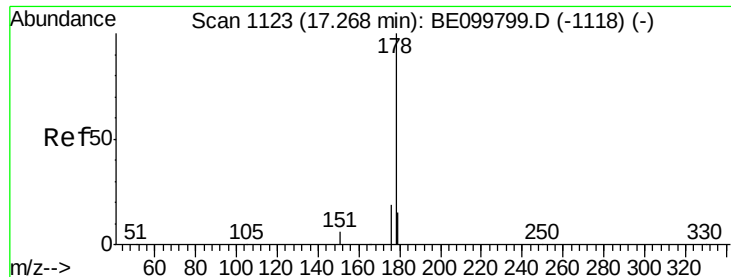
#22
Pentachlorophenol
Concen: 7.252 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

Tgt Ion:266 Resp: 15229
Ion Ratio Lower Upper
266 100
264 60.8 64.9 97.3#
268 64.0 64.0 96.0



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: 5.307 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

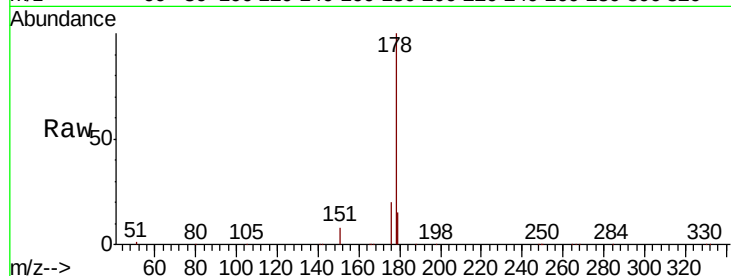
Tot Ion:178 Resp: 160313

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

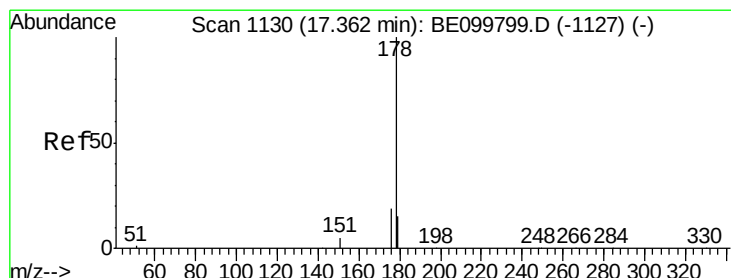
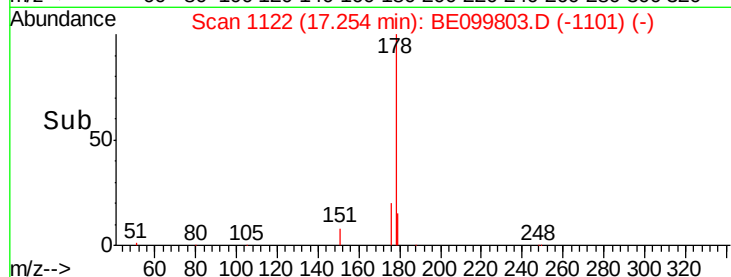
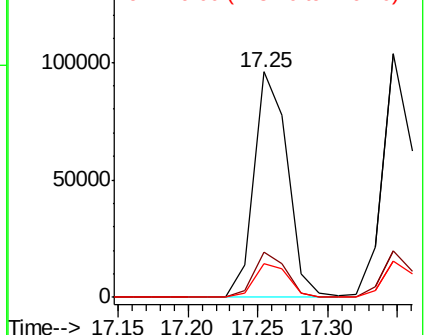
179 15.4 12.5 18.7



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: 5.809 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

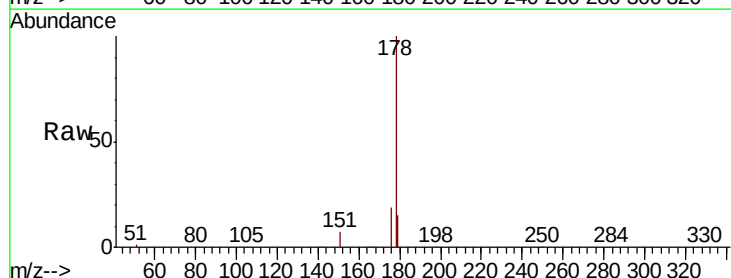
Tgt Ion:178 Resp: 159151

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

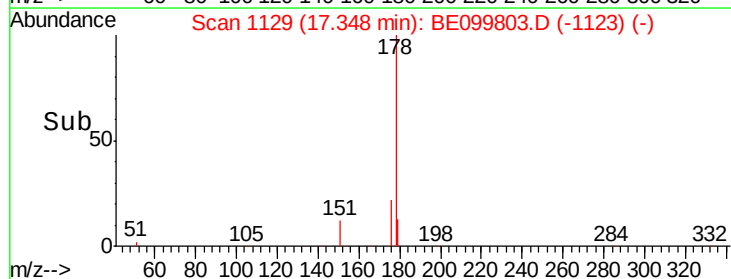
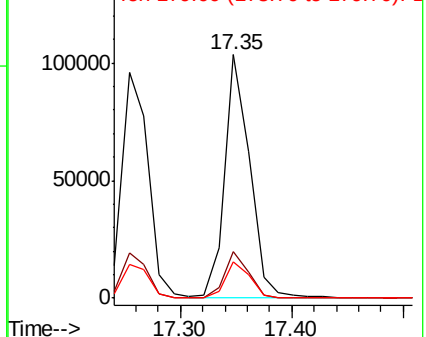
179 15.2 12.1 18.1

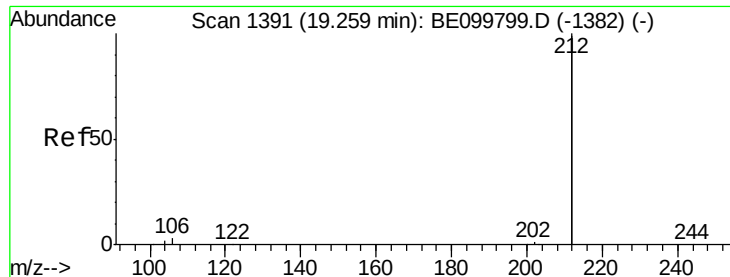


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

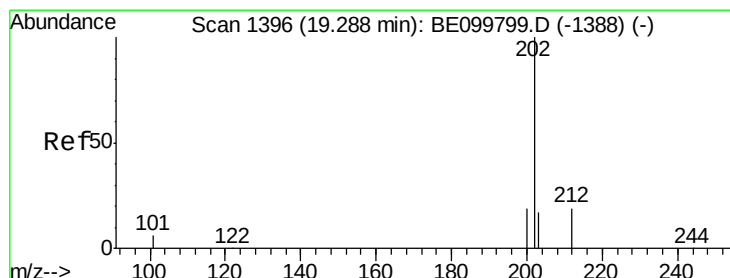
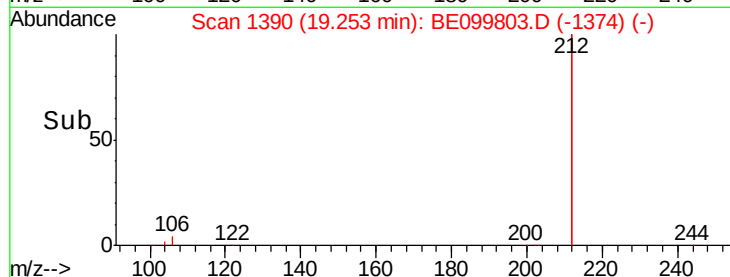
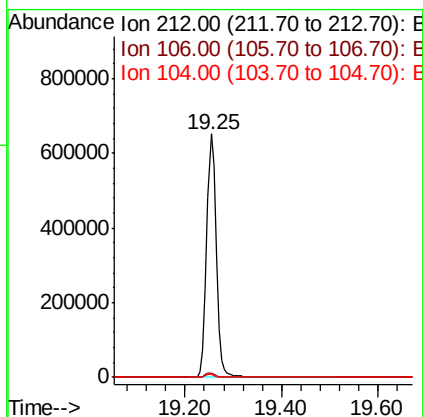
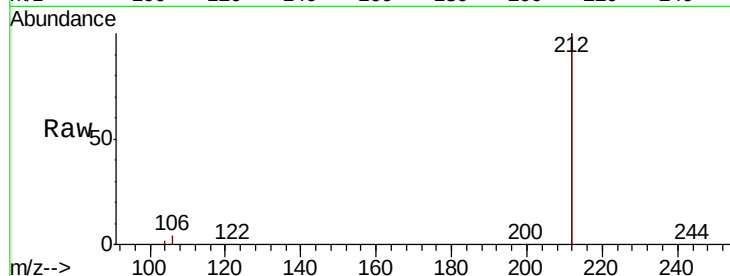




#25
Fluoranthene-d10
Concen: 5.318 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

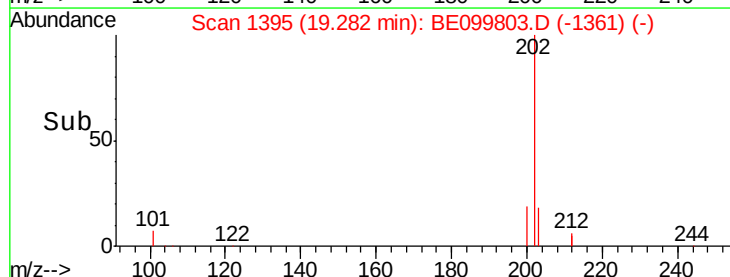
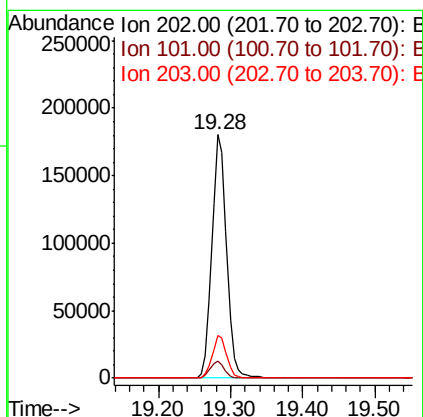
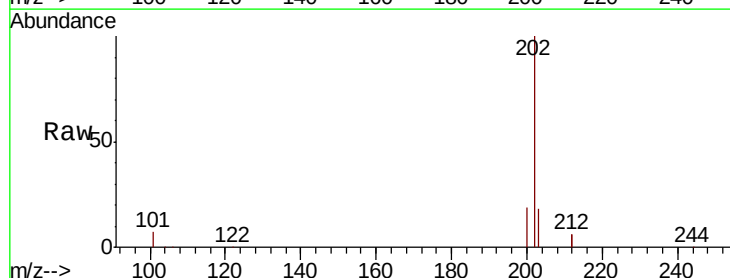
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

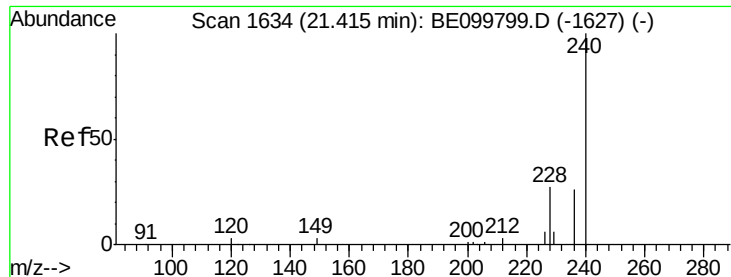
Tot Ion:212 Resp: 898400
Ion Ratio Lower Upper
212 100
106 1.8 1.4 2.0
104 1.0 0.8 1.2



#26
Fluoranthene
Concen: 5.309 ng
RT: 19.28 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

Tgt Ion:202 Resp: 253557
Ion Ratio Lower Upper
202 100
101 6.7 5.2 7.8
203 17.5 13.6 20.4

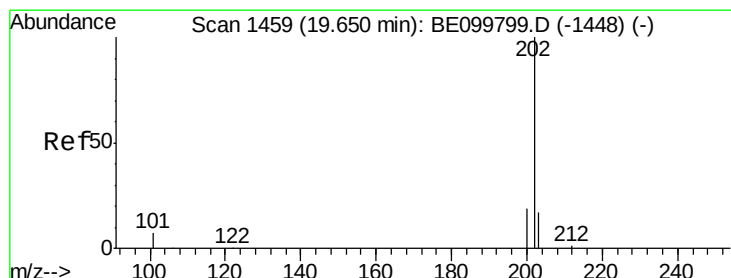
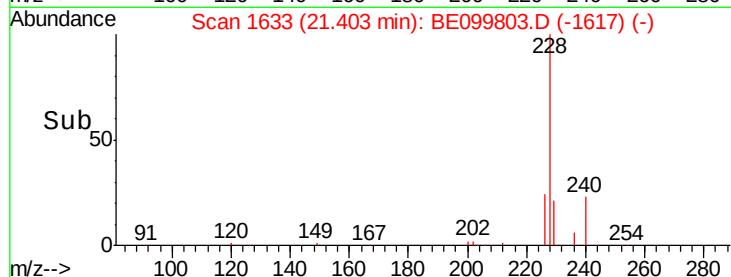
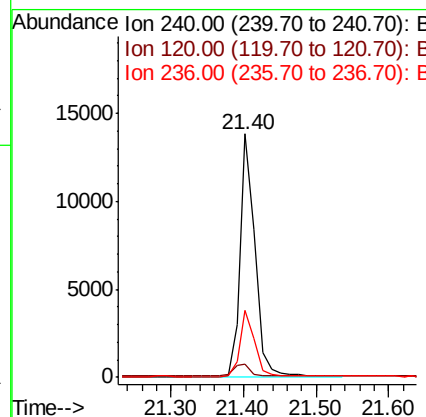
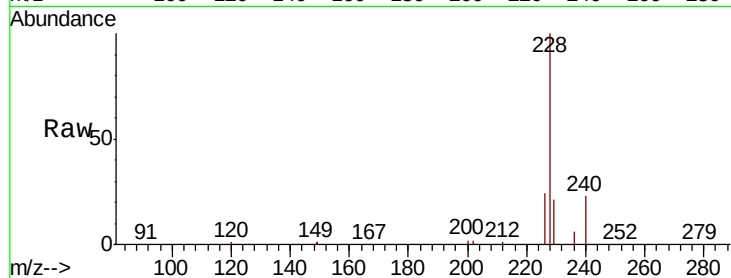




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.01 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

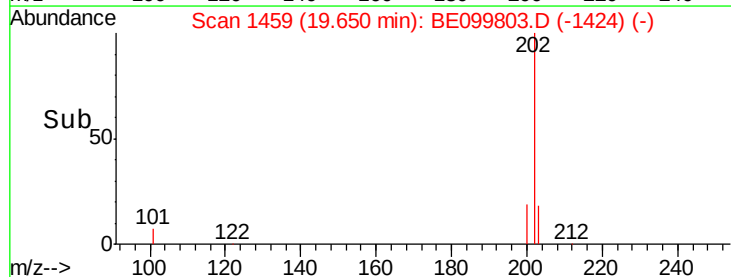
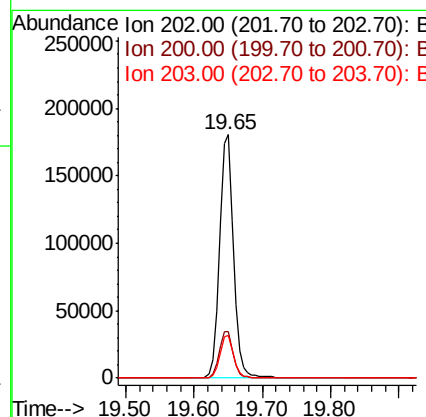
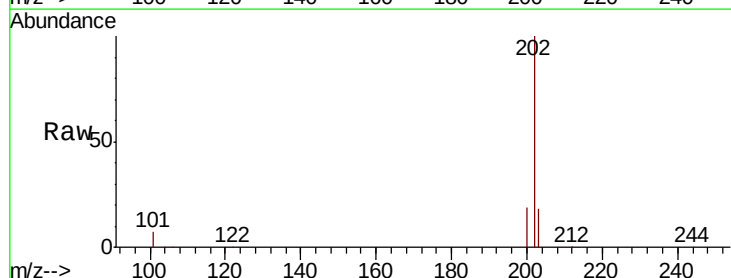
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

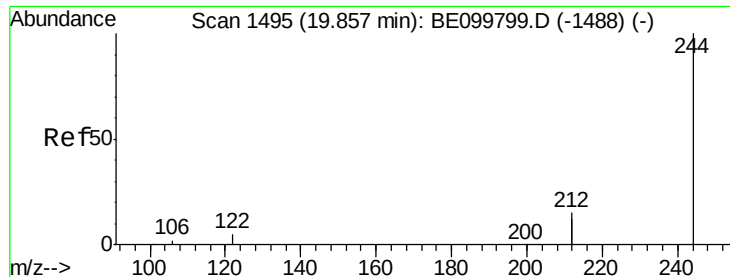
Tot Ion:240 Resp: 19991
Ion Ratio Lower Upper
240 100
120 5.2 2.8 4.2#
236 27.4 20.9 31.3



#28
Pyrene
Concen: 5.171 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE099803.D
Acq: 5 Jun 2019 12:51

Tgt Ion:202 Resp: 259717
Ion Ratio Lower Upper
202 100
200 19.5 15.6 23.4
203 17.7 14.1 21.1





#29

Terphenyl-d14

Concen: 5.180 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

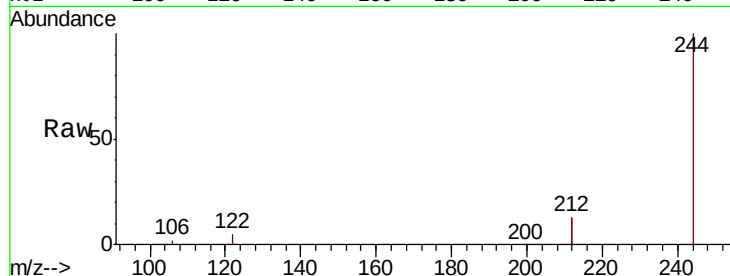
Tot Ion:244 Resp: 184850

Ion Ratio Lower Upper

244 100

212 26.6 23.7 35.5

122 5.3 4.8 7.2

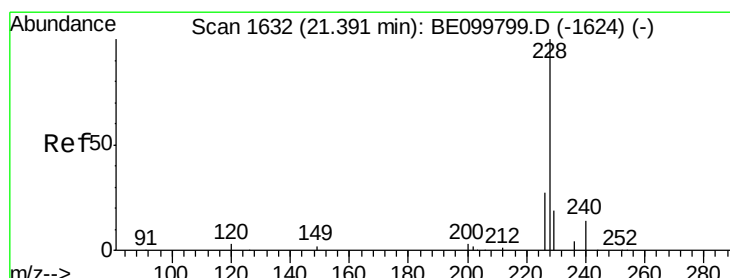
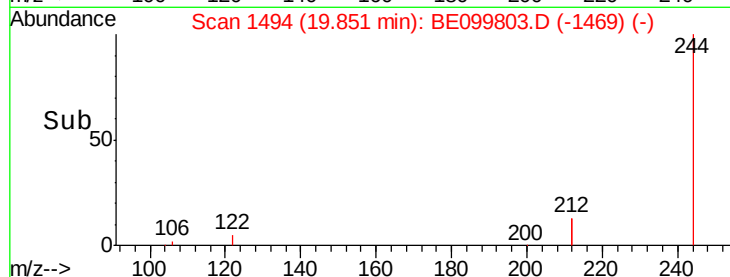
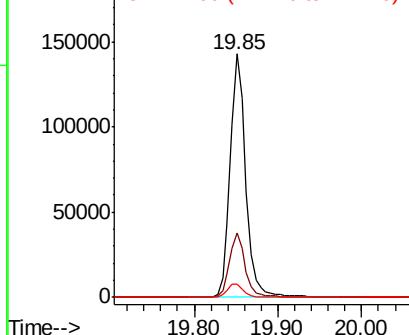


Abundance

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: 5.354 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

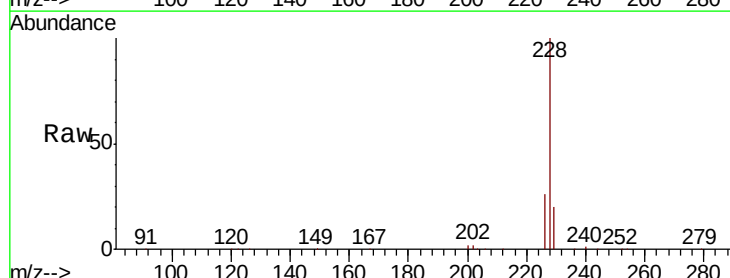
Tgt Ion:228 Resp: 304120

Ion Ratio Lower Upper

228 100

226 26.0 21.6 32.4

229 20.2 15.8 23.6

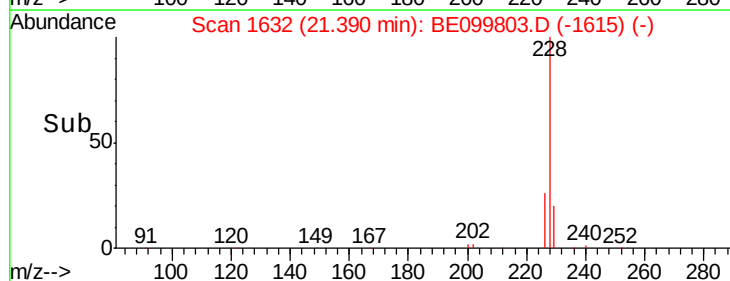
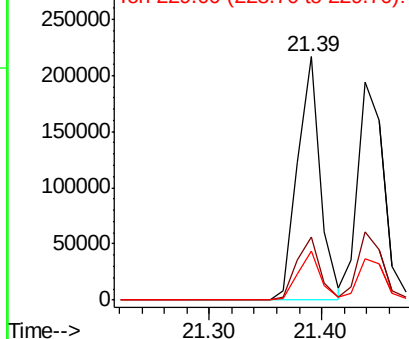


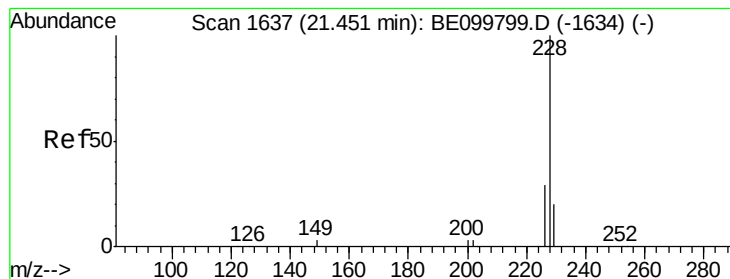
Abundance

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





#31

Chrysene

Concen: 5.071 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

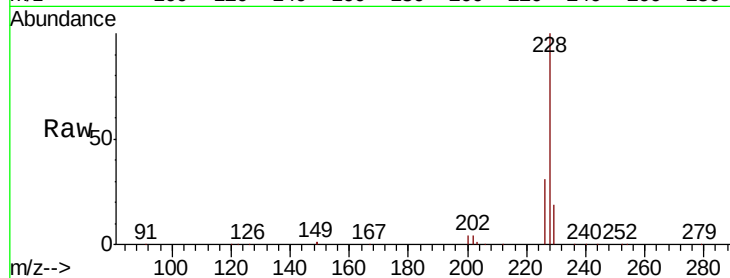
Tot Ion:228 Resp: 307998

Ion Ratio Lower Upper

228 100

226 31.1 22.9 34.3

229 19.1 16.4 24.6

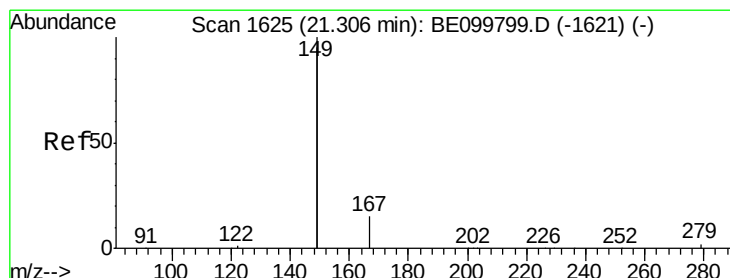
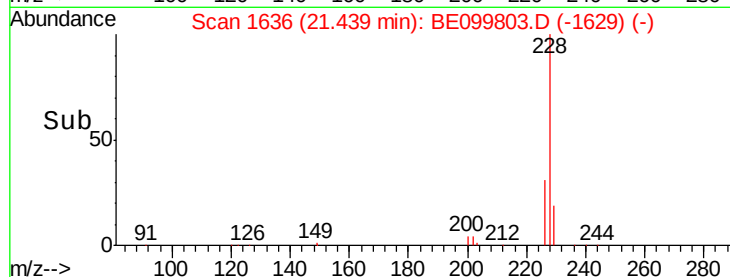
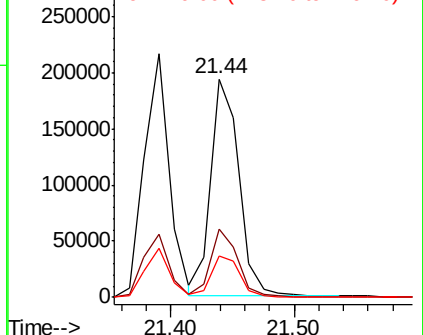


Abundance

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: 5.434 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

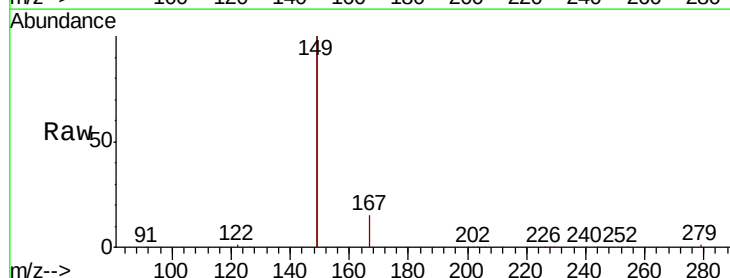
Tgt Ion:149 Resp: 355754

Ion Ratio Lower Upper

149 100

167 7.7 6.0 9.0

279 1.5 1.2 1.8

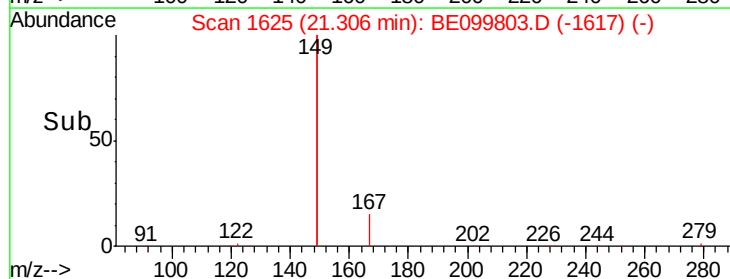
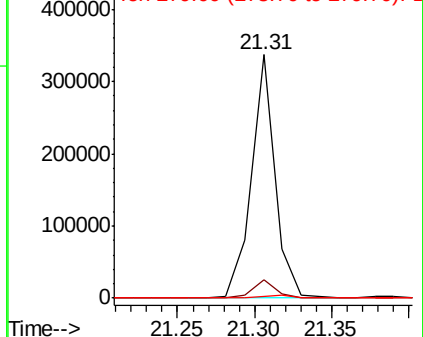


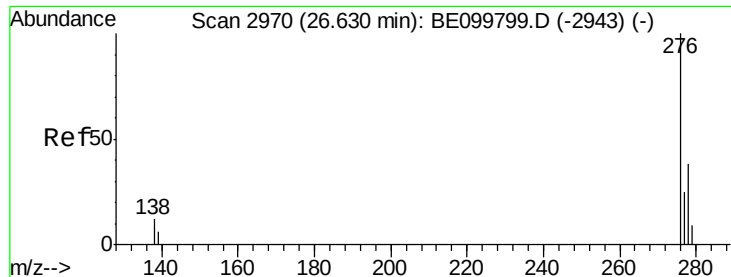
Abundance

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

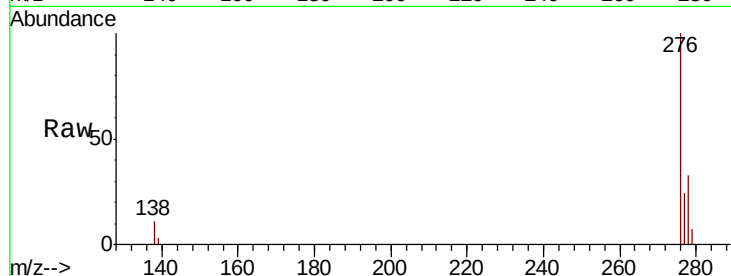




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 4.992 ng
 RT: 26.62 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BE099803.D
 Acq: 5 Jun 2019 12:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.1	10.3	15.5
277	24.7	19.4	29.2

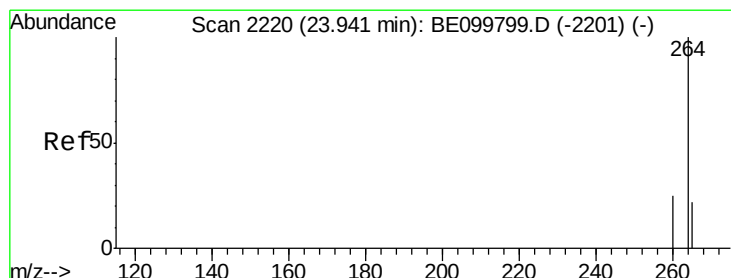
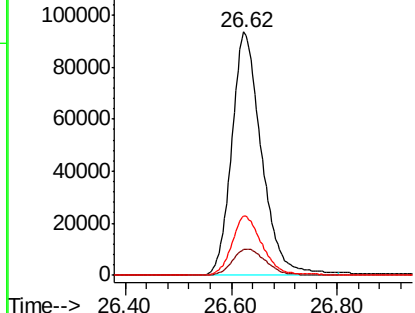
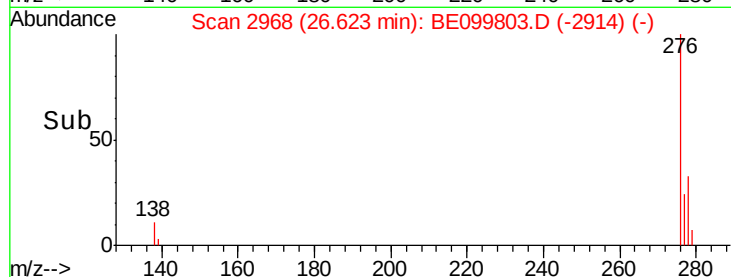


Abundance

Ion 276.00 (275.70 to 276.70): E

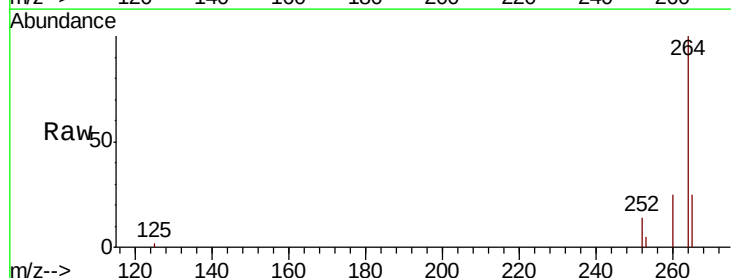
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.94 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BE099803.D
 Acq: 5 Jun 2019 12:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	24.9	20.7	31.1

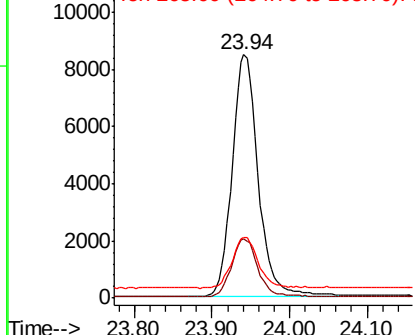
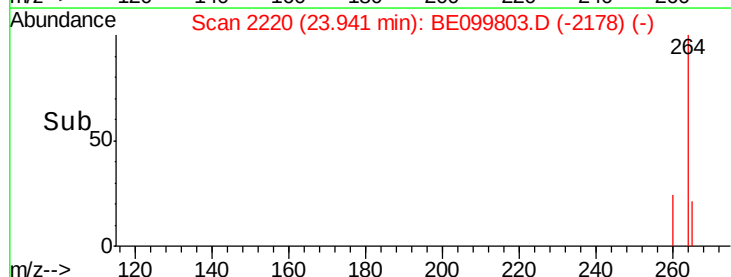


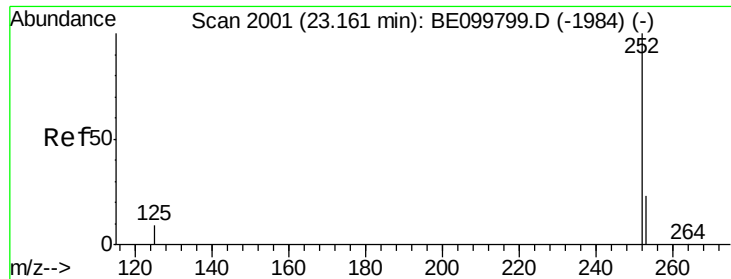
Abundance

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: 5.474 ng

RT: 23.16 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

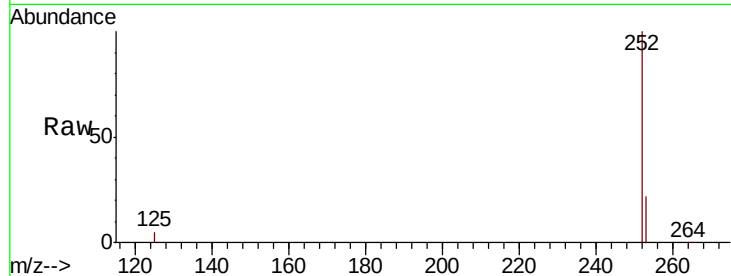
Tot Ion:252 Resp: 295865

Ion Ratio Lower Upper

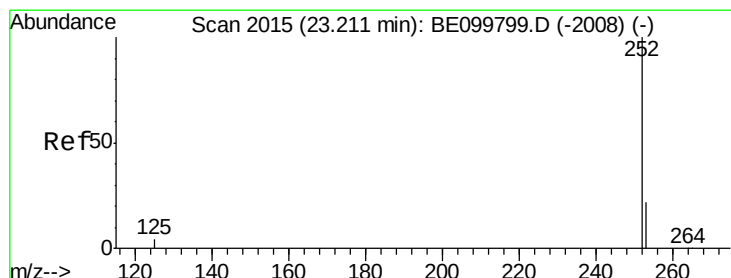
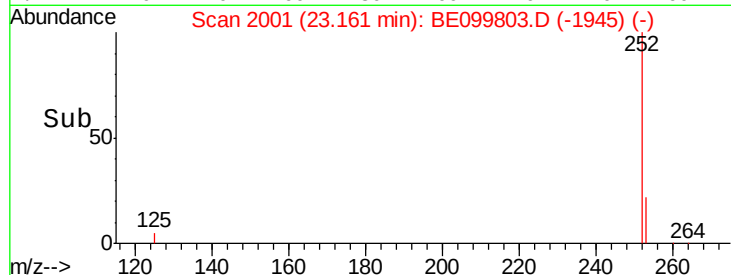
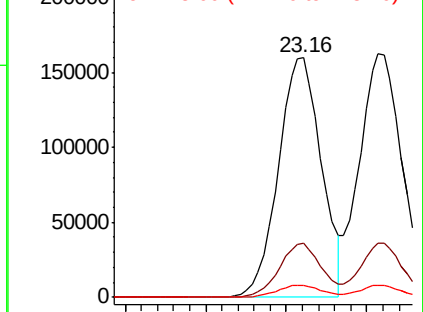
252 100

253 22.4 18.9 28.3

125 5.0 7.6 11.4#



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: 5.592 ng

RT: 23.21 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

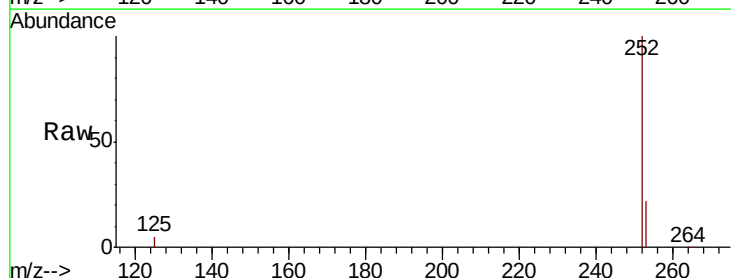
Tgt Ion:252 Resp: 315066

Ion Ratio Lower Upper

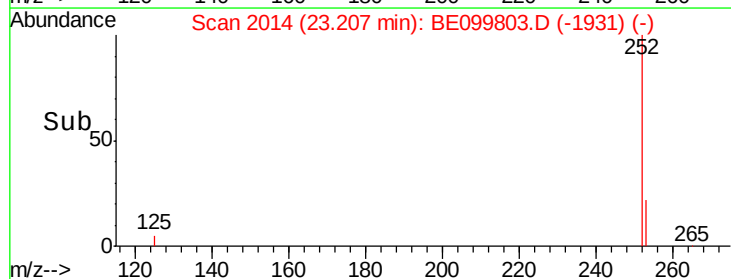
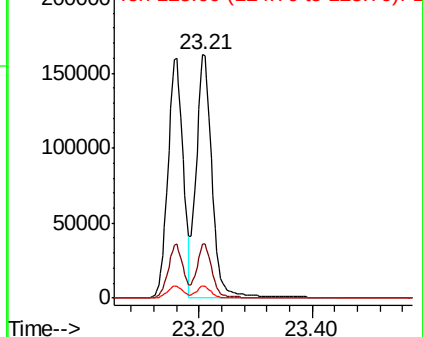
252 100

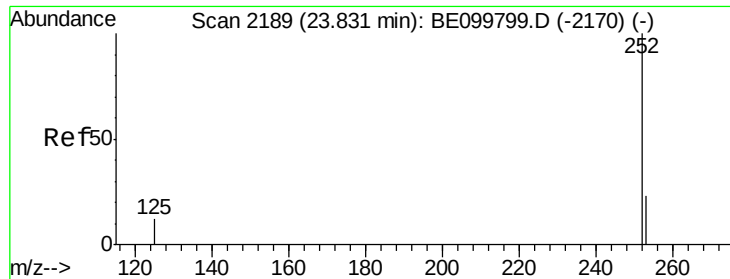
253 22.1 18.4 27.6

125 5.0 4.6 7.0



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





#37

Benzo(a)pyrene

Concen: 5.487 ng

RT: 23.83 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

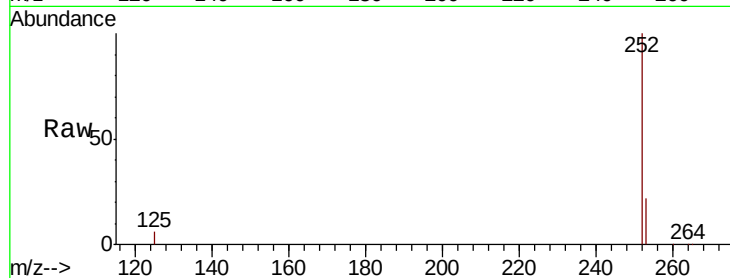
Tot Ion:252 Resp: 285398

Ion Ratio Lower Upper

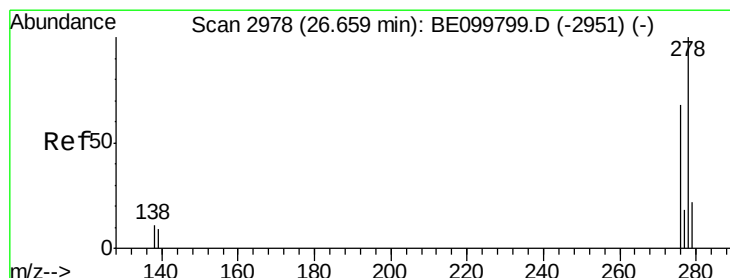
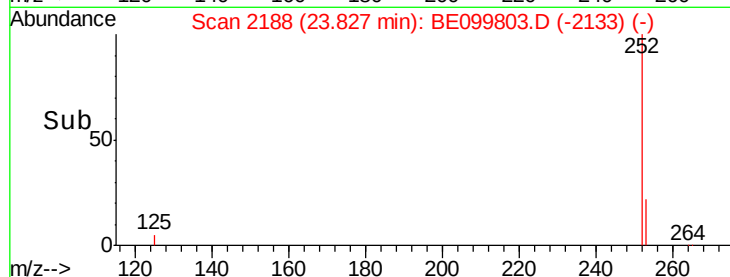
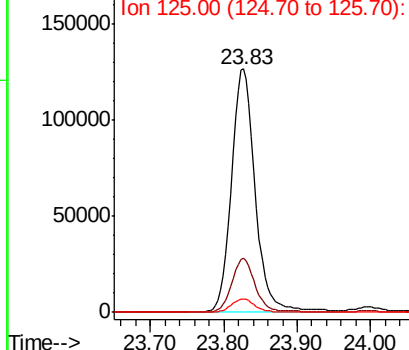
252 100

253 22.1 19.3 28.9

125 5.6 10.2 15.4#



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: 5.517 ng

RT: 26.66 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

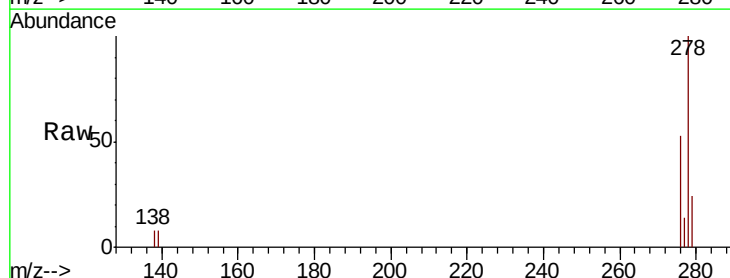
Tgt Ion:278 Resp: 301305

Ion Ratio Lower Upper

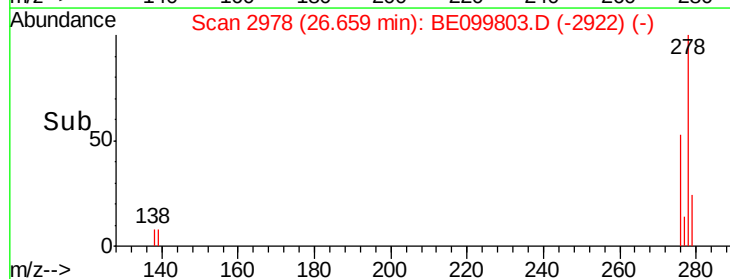
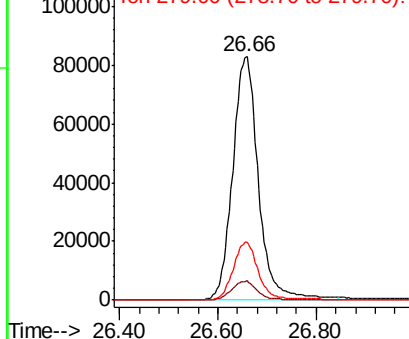
278 100

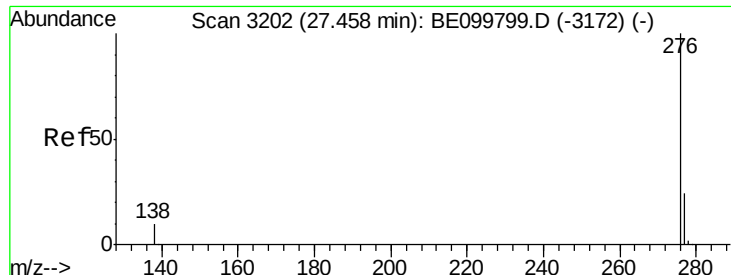
139 7.8 7.9 11.9#

279 23.8 18.5 27.7



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: 5.492 ng

RT: 27.46 min Scan# 3202

Delta R.T. -0.00 min

Lab File: BE099803.D

Acq: 5 Jun 2019 12:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

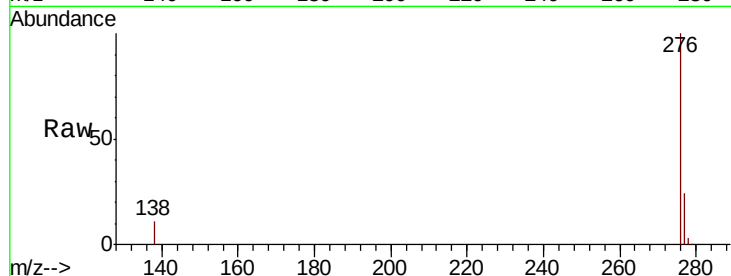
Tot Ion: 276 Resp: 302879

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 10.6 9.0 13.4



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

