

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099563.D
 Acq On : 7 May 2019 12:37
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: May 07 13:45:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 13:34:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1619	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6121	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4248	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12341	0.40	ng	0.00
27) Chrysene-d12	21.43	240	18286	0.40	ng	0.00
34) Perylene-d12	23.98	264	18998	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	15431	3.45	ng	0.00
5) Phenol-d6	6.98	99	20598	3.46	ng	0.00
8) Nitrobenzene-d5	8.98	82	20375	3.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	34917	3.17	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	10040	3.75	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	54323	3.35	ng	0.00
25) Fluoranthene-d10	19.28	212	550866	3.31	ng	0.00
29) Terphenyl-d14	19.87	244	113408	3.39	ng	0.00

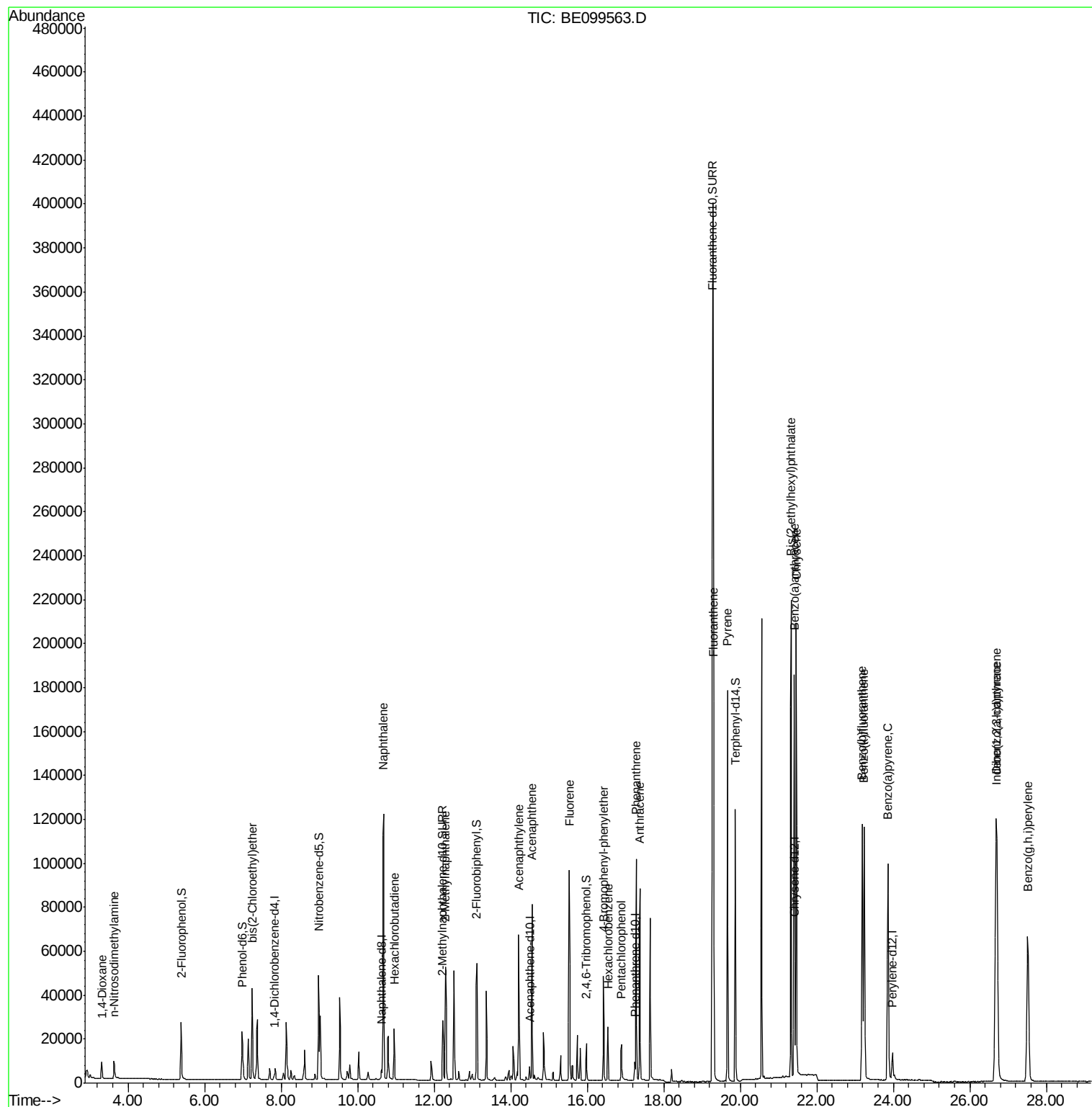
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	7133	3.203	ng	98
3) n-Nitrosodimethylamine	3.63	42	5349	3.985	ng	# 89
6) bis(2-Chloroethyl)ether	7.24	93	16634	3.239	ng	95
9) Naphthalene	10.68	128	213566	3.202	ng	99
10) Hexachlorobutadiene	10.95	225	15405	3.320	ng	97
12) 2-Methylnaphthalene	12.30	142	36676	3.162	ng	94
16) Acenaphthylene	14.21	152	70660	3.399	ng	100
17) Acenaphthene	14.56	154	38747	3.264	ng	97
18) Fluorene	15.53	166	55939	3.194	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	24114	3.357	ng	92
21) Hexachlorobenzene	16.55	284	23591	3.445	ng	99
22) Pentachlorophenol	16.89	266	11479	3.715	ng	94
23) Phenanthrene	17.28	178	102212	3.210	ng	100
24) Anthracene	17.38	178	101334	3.339	ng	99
26) Fluoranthene	19.30	202	155871	3.268	ng	99
28) Pyrene	19.67	202	162000	3.399	ng	100
30) Benzo(a)anthracene	21.41	228	185570	3.185	ng	100
31) Chrysene	21.46	228	179775	3.153	ng	100
32) Bis(2-ethylhexyl)phthalate	21.33	149	275476	2.719	ng	100
33) Indeno(1,2,3-cd)pyrene	26.68	276	212813	3.158	ng	100
35) Benzo(b)fluoranthene	23.19	252	172506	3.149	ng	# 96
36) Benzo(k)fluoranthene	23.24	252	173451	3.284	ng	# 96
37) Benzo(a)pyrene	23.86	252	166932	3.223	ng	# 96
38) Dibenzo(a,h)anthracene	26.71	278	174876	3.301	ng	95
39) Benzo(g,h,i)perylene	27.52	276	173624	3.271	ng	99

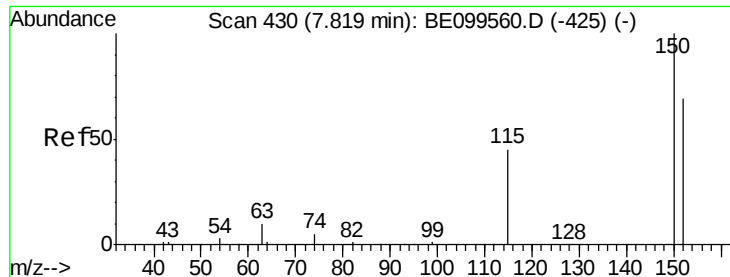
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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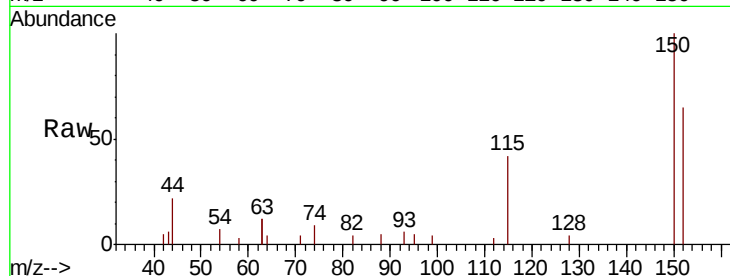


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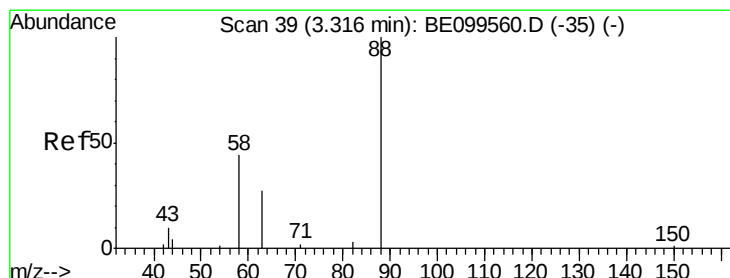
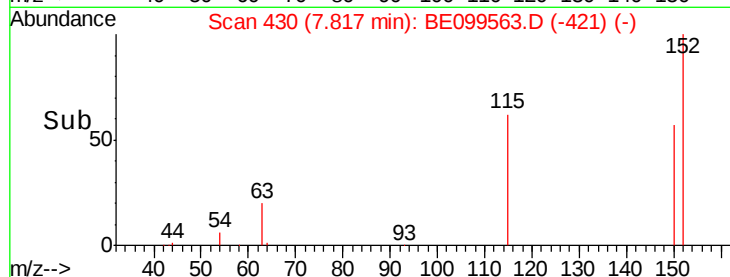
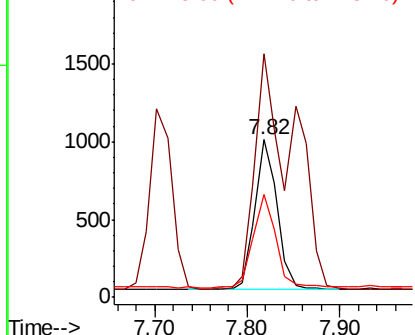
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099563.D
Acq: 7 May 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 1619
Ion Ratio Lower Upper
152 100
150 154.5 113.8 170.6
115 65.2 54.2 81.2



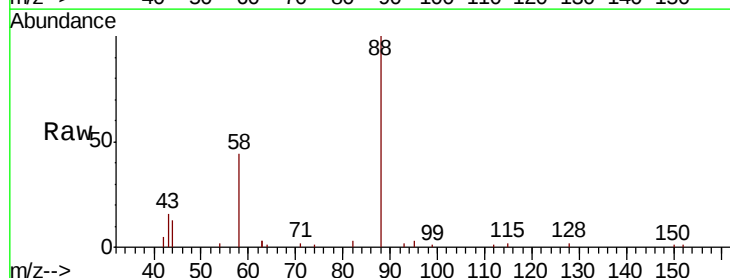
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



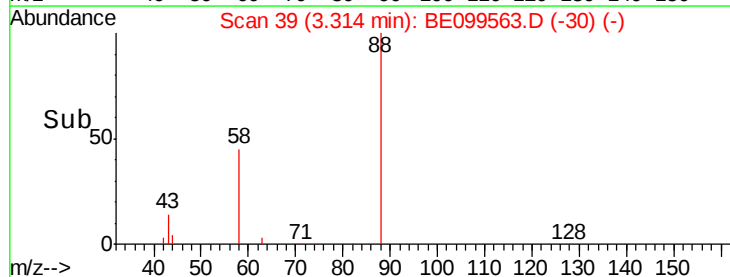
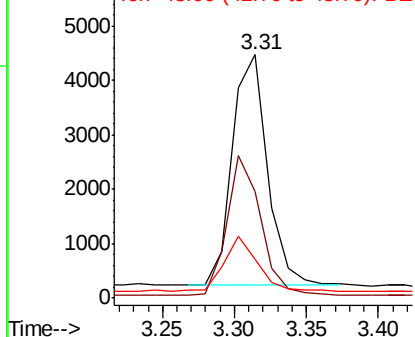
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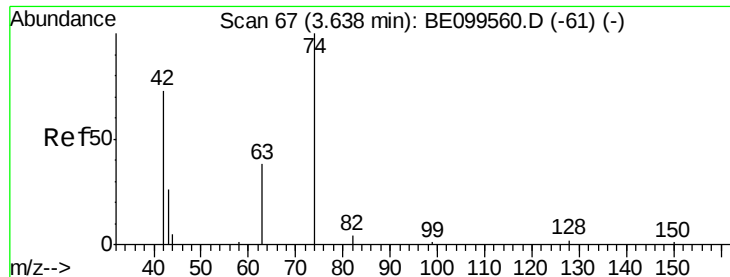
1,4-Dioxane
Concen: 3.203 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099563.D
Acq: 7 May 2019 12:37

Tgt Ion: 88 Resp: 7133
Ion Ratio Lower Upper
88 100
58 58.3 46.6 69.8
43 23.0 20.3 30.5



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



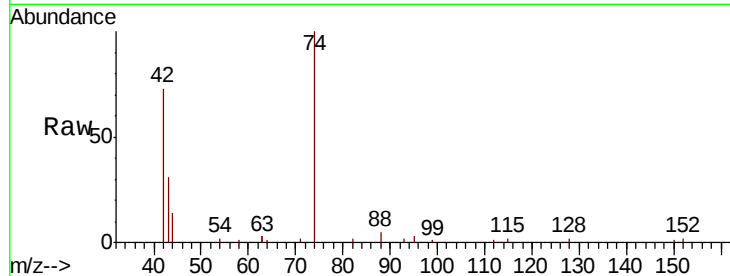


#3

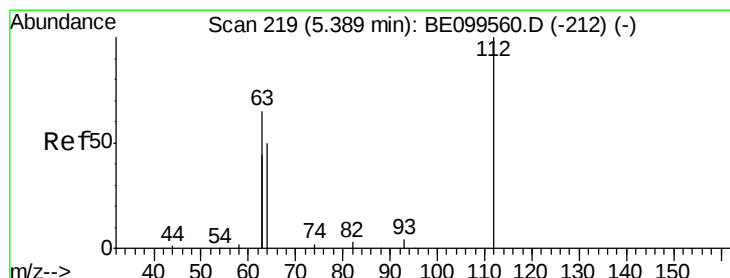
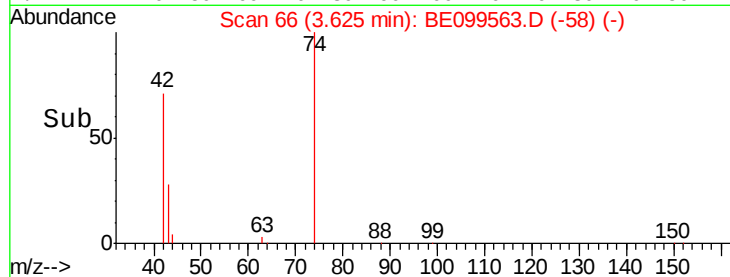
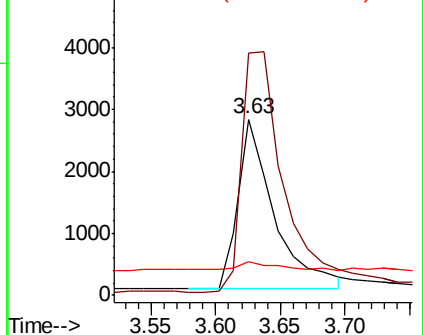
n-Nitrosodimethylamine
 Concen: 3.985 ng
 RT: 3.63 min Scan# 66
 Delta R.T. -0.01 min
 Lab File: BE099563.D
 Acq: 7 May 2019 12:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion: 42 Resp: 5349
 Ion Ratio Lower Upper
 42 100
 74 165.1 121.3 181.9
 44 4.8 0.0 0.0#



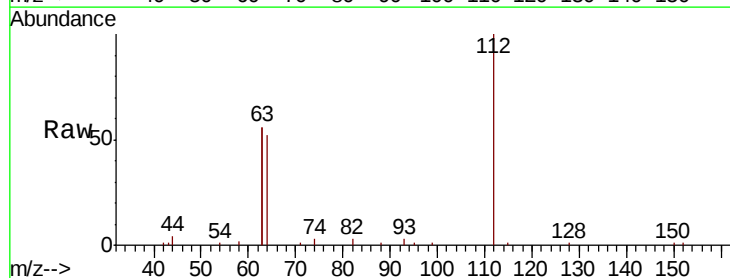
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



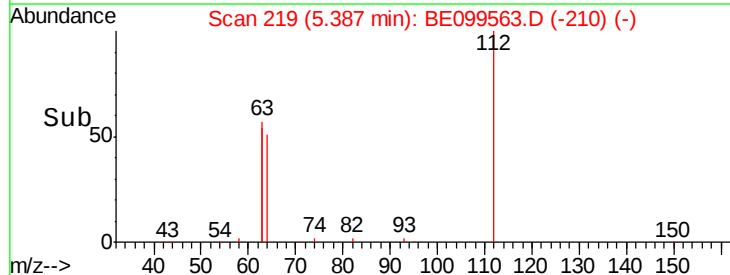
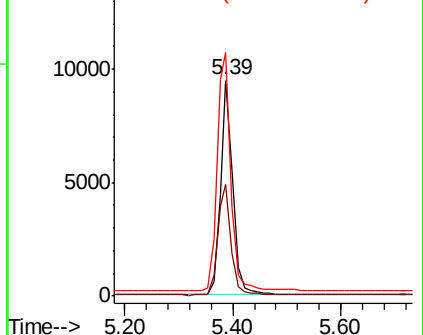
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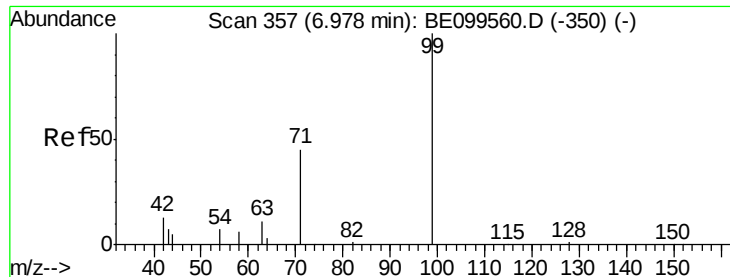
2-Fluorophenol
 Concen: 3.447 ng
 RT: 5.39 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: BE099563.D
 Acq: 7 May 2019 12:37

Tgt Ion: 112 Resp: 15431
 Ion Ratio Lower Upper
 112 100
 64 55.9 46.3 69.5
 63 124.1 99.6 149.4



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: 3.459 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

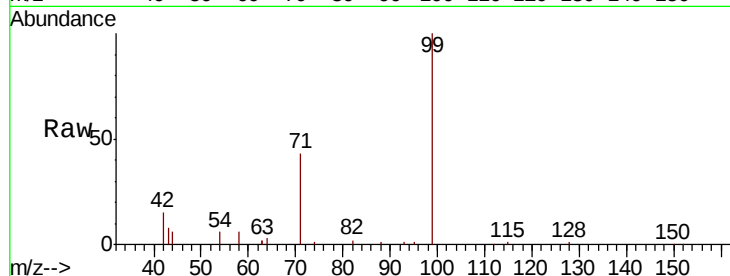
Tot Ion: 99 Resp: 20598

Ion Ratio Lower Upper

99 100

42 15.4 13.4 20.0

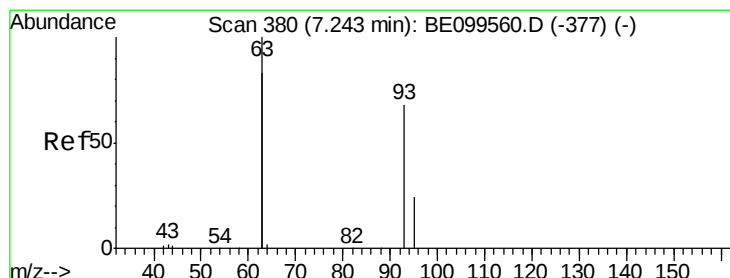
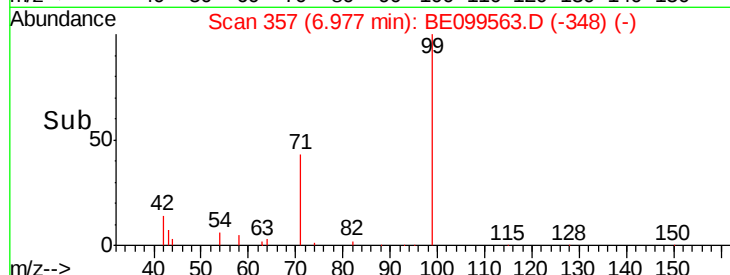
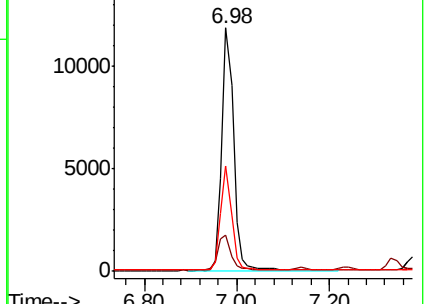
71 40.5 34.2 51.2



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: 3.239 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

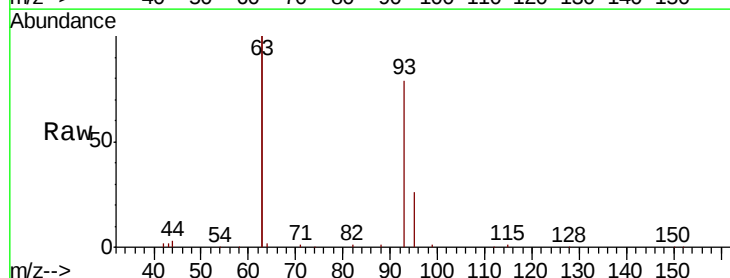
Tgt Ion: 93 Resp: 16634

Ion Ratio Lower Upper

93 100

63 271.8 209.0 313.4

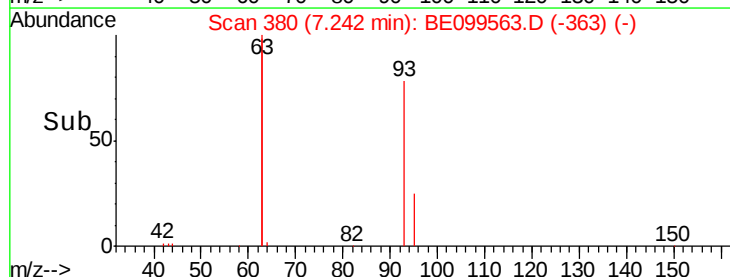
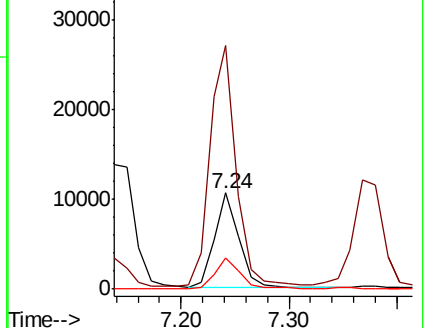
95 32.7 26.9 40.3

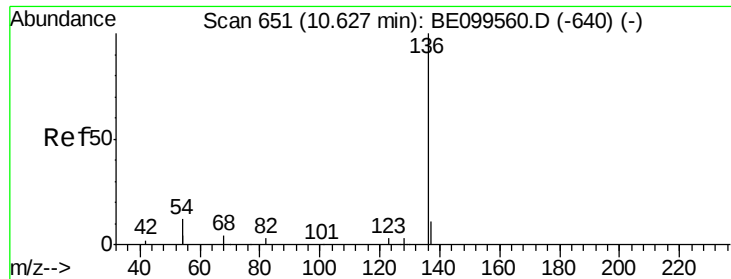


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099563.D

Acq: 7 May 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 6121

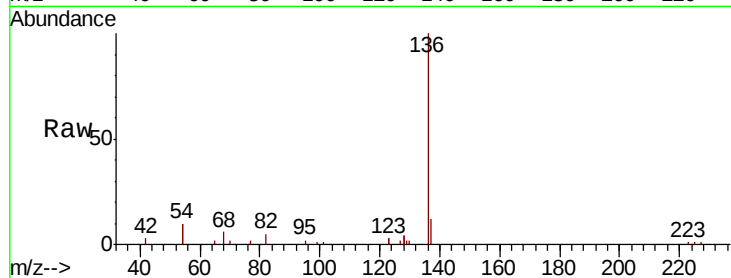
Ion Ratio Lower Upper

136 100

137 12.0 10.0 15.0

54 20.6 18.6 28.0

68 5.5 4.6 6.8

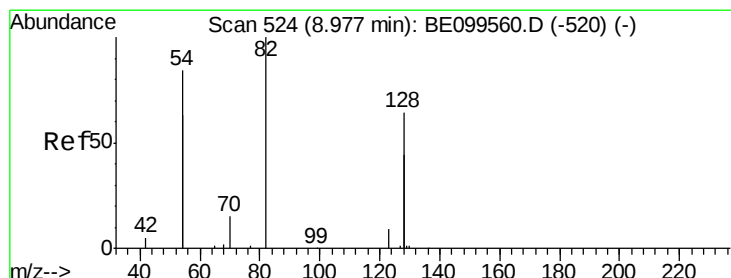
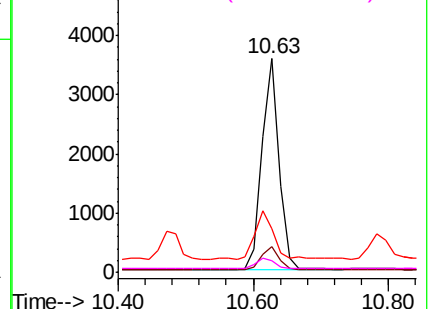
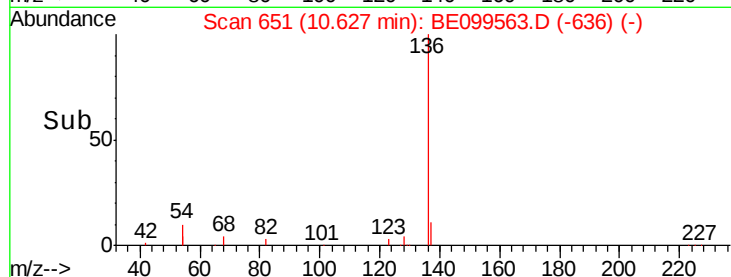


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.552 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

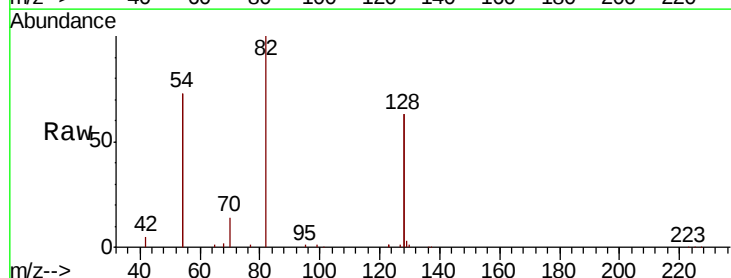
Tgt Ion: 82 Resp: 20375

Ion Ratio Lower Upper

82 100

128 125.0 97.6 146.4

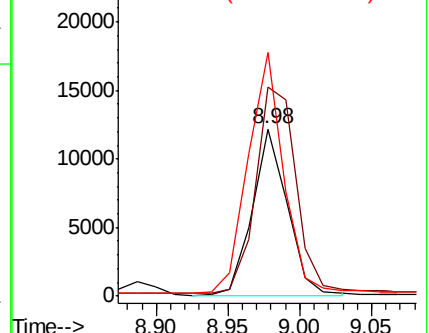
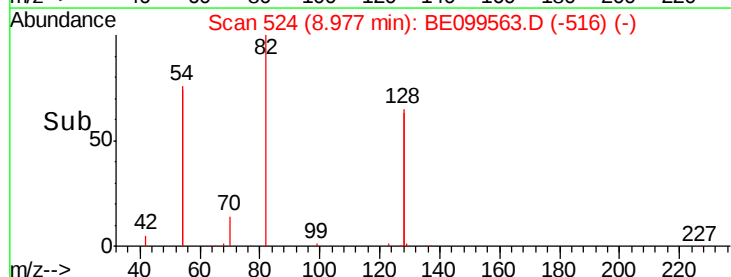
54 145.8 127.4 191.2

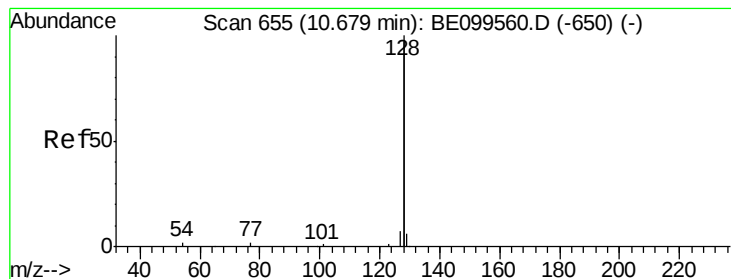


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.202 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC3.2

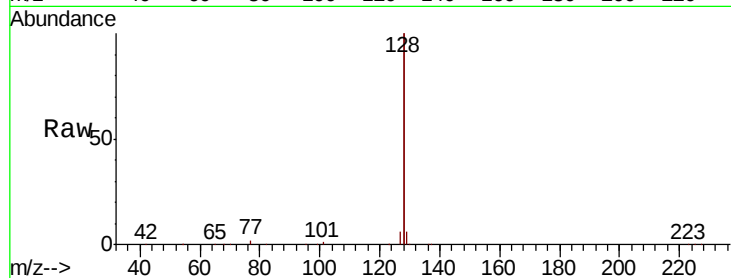
Tot Ion:128 Resp: 213566

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

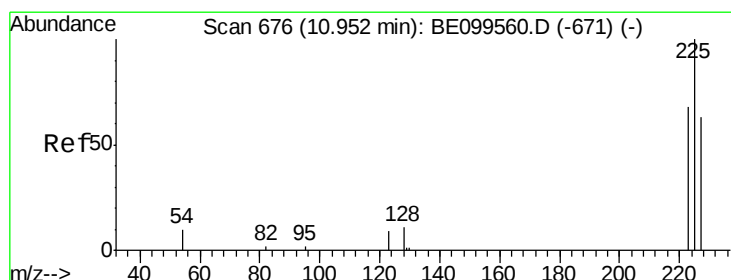
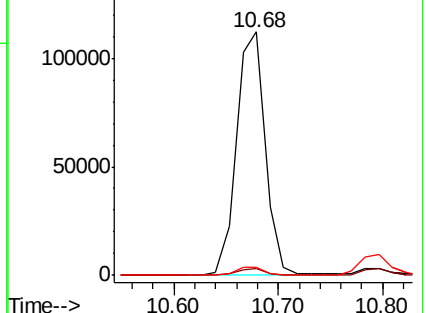
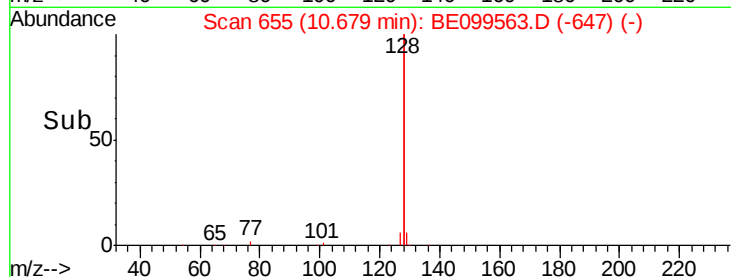
127 3.2 3.0 4.4



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: 3.320 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

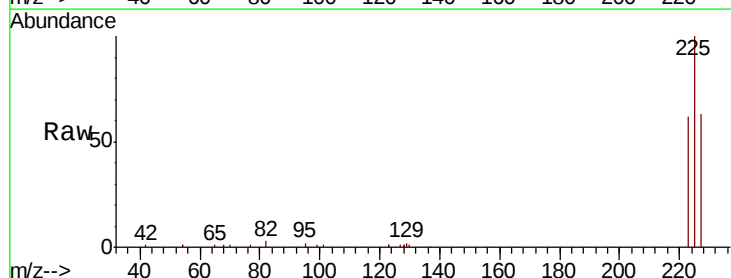
Tgt Ion:225 Resp: 15405

Ion Ratio Lower Upper

225 100

223 62.5 53.0 79.6

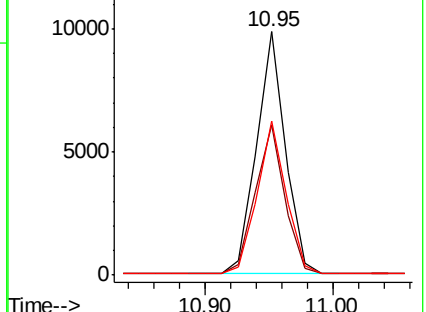
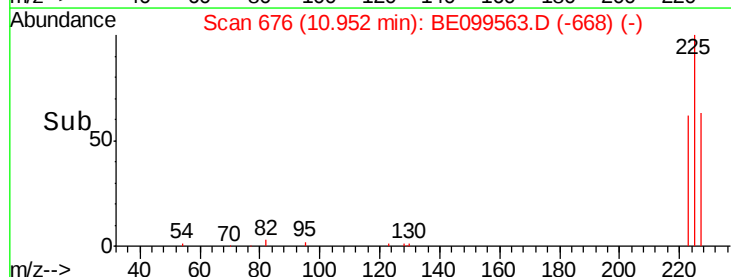
227 63.3 51.4 77.0

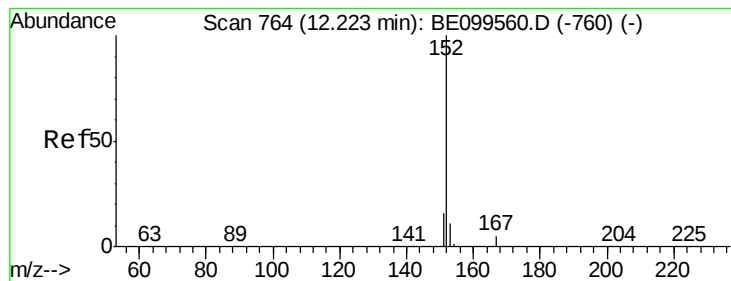


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

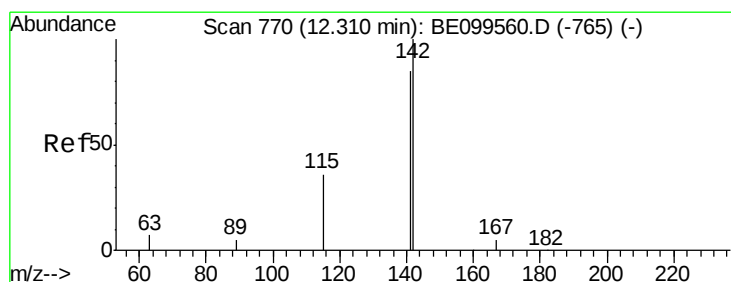
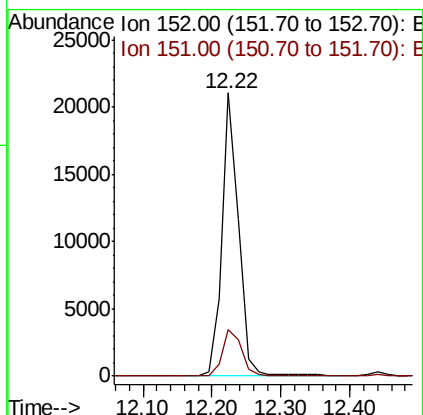
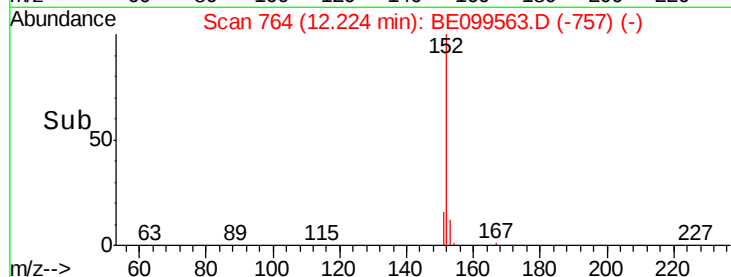
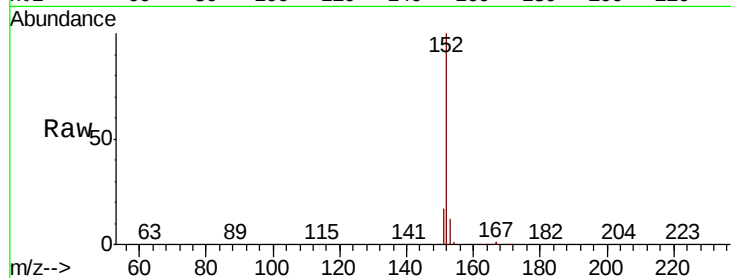




#11
 2-Methylnaphthalene-d10
 Concen: 3.166 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE099563.D
 Acq: 7 May 2019 12:37

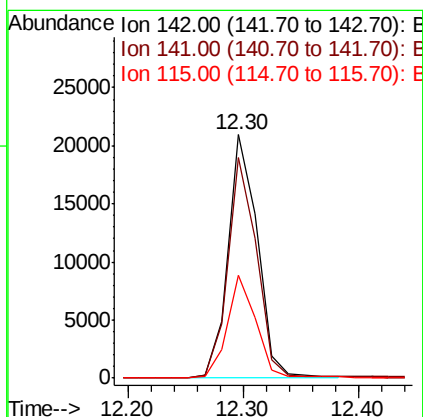
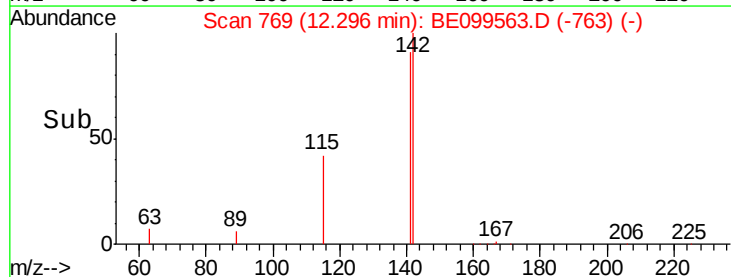
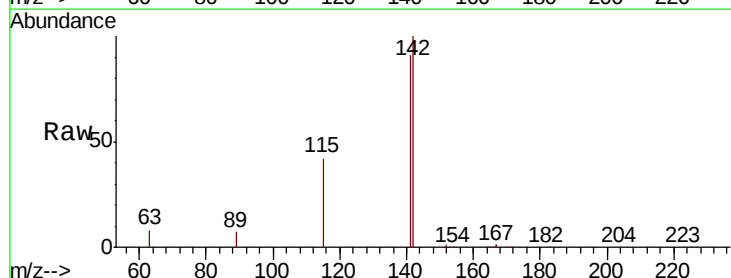
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

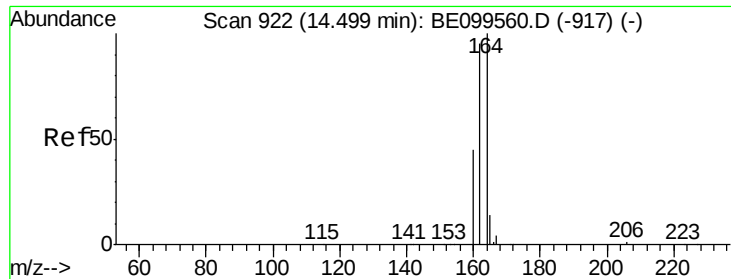
Tot Ion:152 Resp: 34917
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 3.162 ng
 RT: 12.30 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BE099563.D
 Acq: 7 May 2019 12:37

Tgt Ion:142 Resp: 36676
 Ion Ratio Lower Upper
 142 100
 141 90.8 68.1 102.1
 115 42.2 30.8 46.2

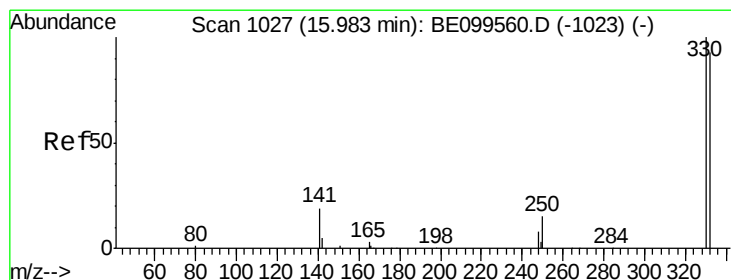
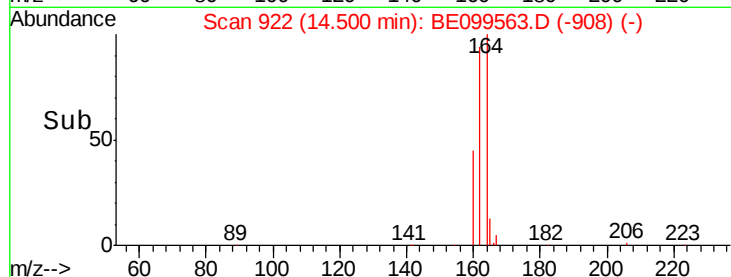
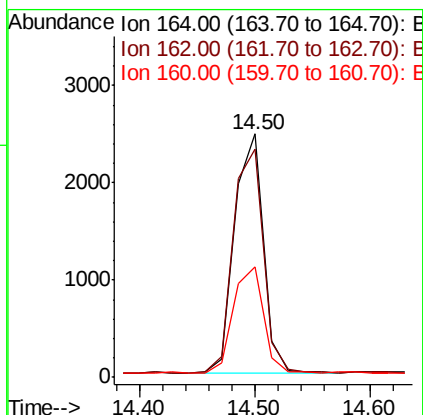
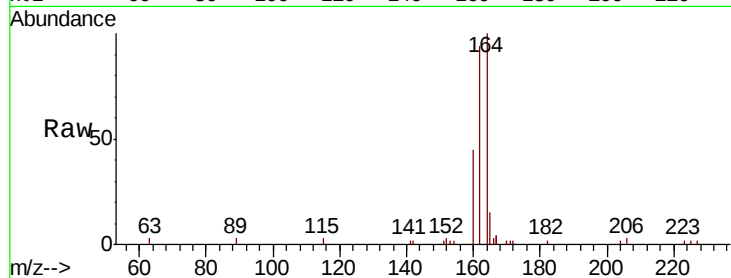




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099563.D
Acq: 7 May 2019 12:37

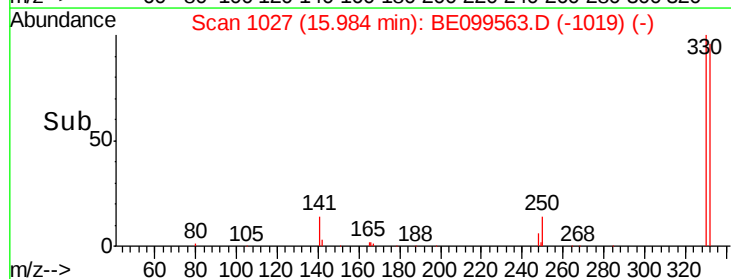
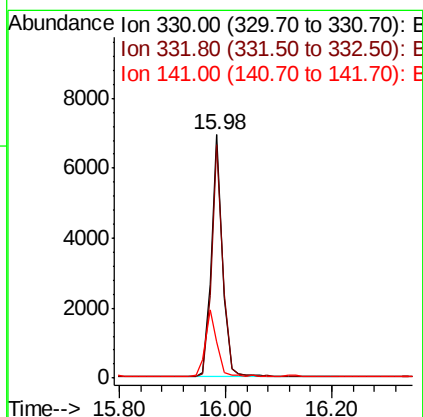
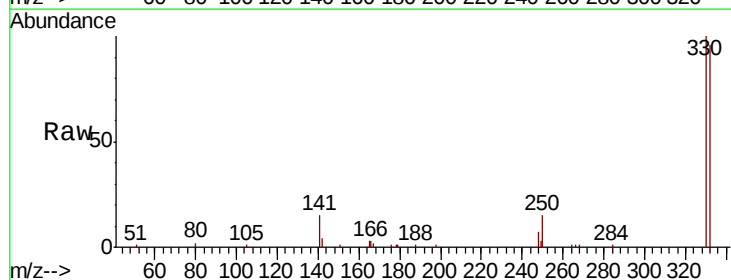
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

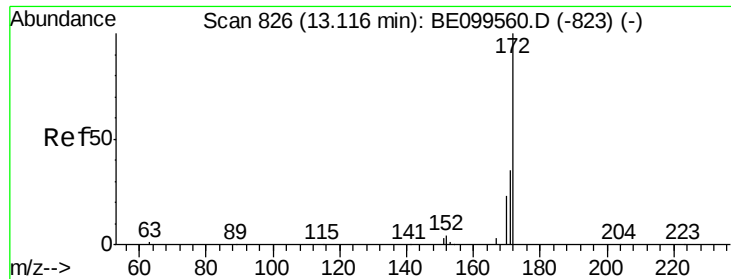
Tot Ion:164 Resp: 4248
Ion Ratio Lower Upper
164 100
162 93.7 76.4 114.6
160 45.4 36.6 55.0



#14
2,4,6-Tribromophenol
Concen: 3.752 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099563.D
Acq: 7 May 2019 12:37

Tgt Ion:330 Resp: 10040
Ion Ratio Lower Upper
330 100
332 95.3 77.7 116.5
141 28.4 26.1 39.1

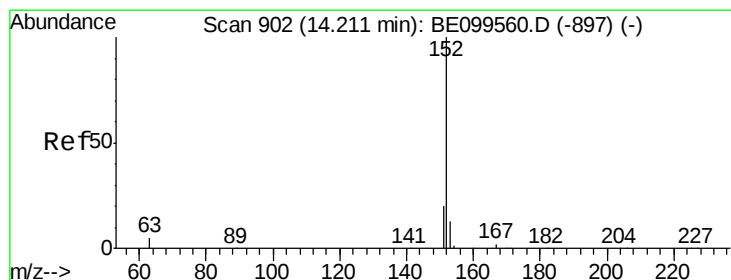
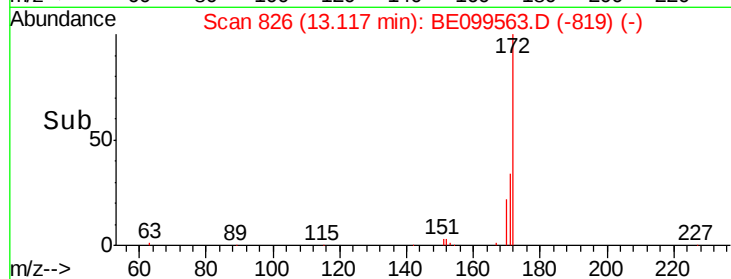
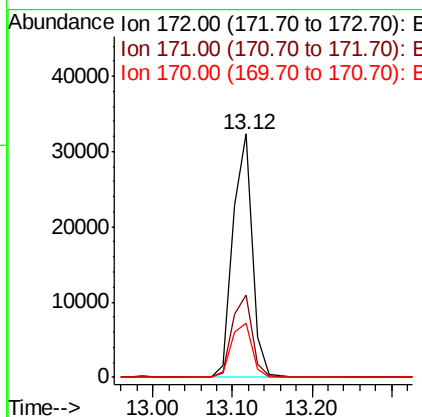
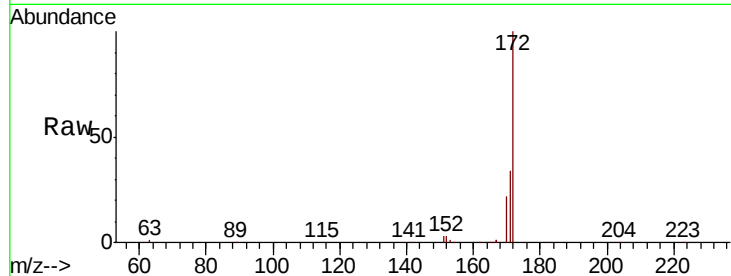




#15
2-Fluorobiphenyl
Concen: 3.352 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099563.D
Acq: 7 May 2019 12:37

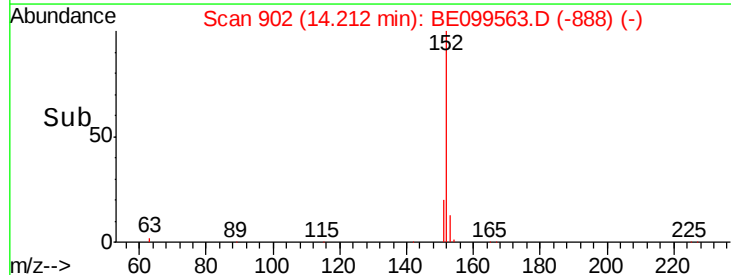
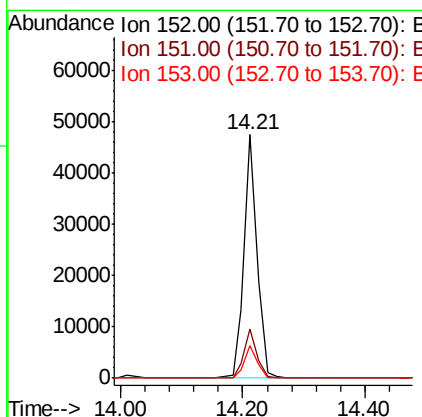
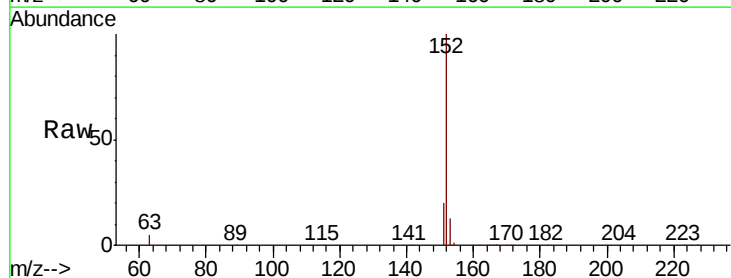
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

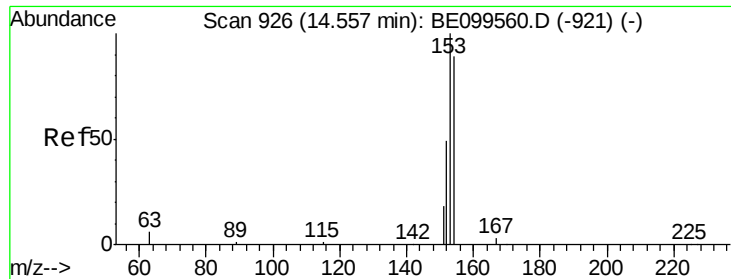
Tot Ion:172 Resp: 54323
Ion Ratio Lower Upper
172 100
171 34.1 28.4 42.6
170 22.1 18.8 28.2



#16
Acenaphthylene
Concen: 3.399 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099563.D
Acq: 7 May 2019 12:37

Tgt Ion:152 Resp: 70660
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.0 10.5 15.7

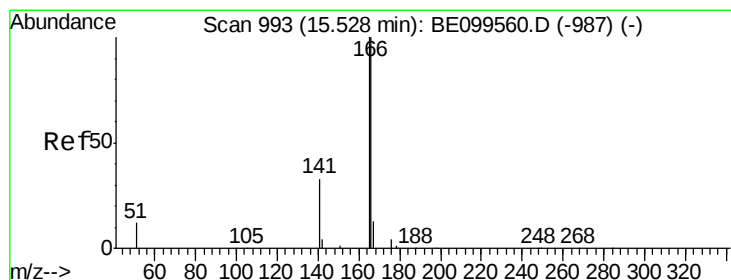
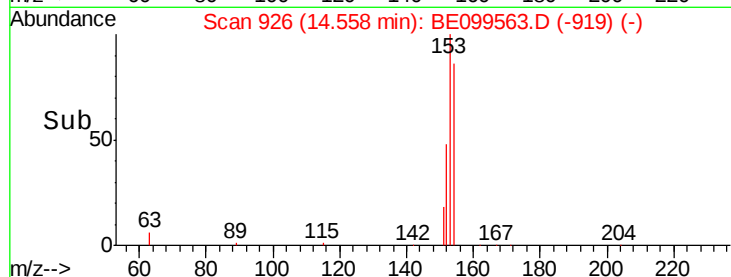
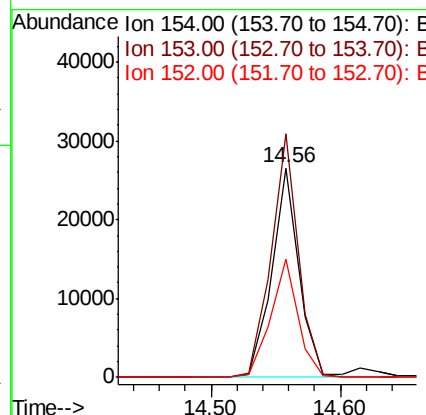
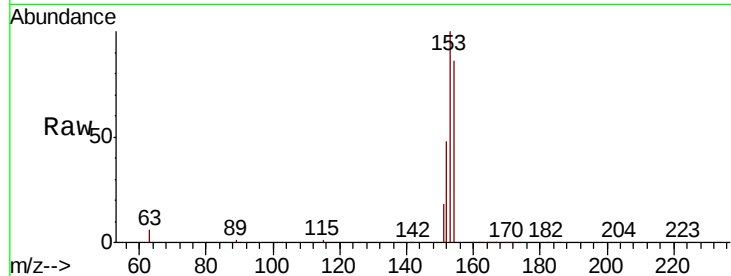




#17
Acenaphthene
Concen: 3.264 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099563.D
Acq: 7 May 2019 12:37

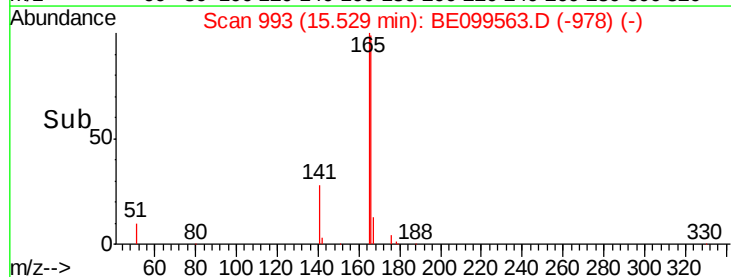
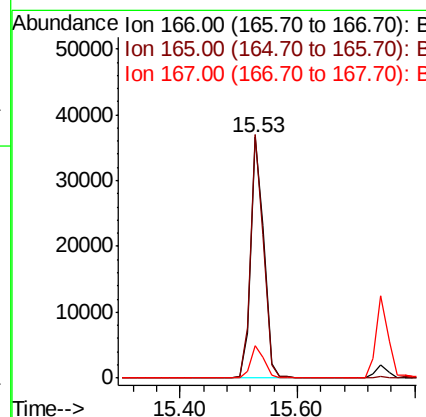
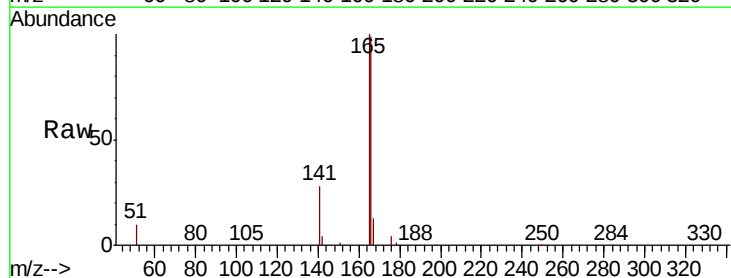
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

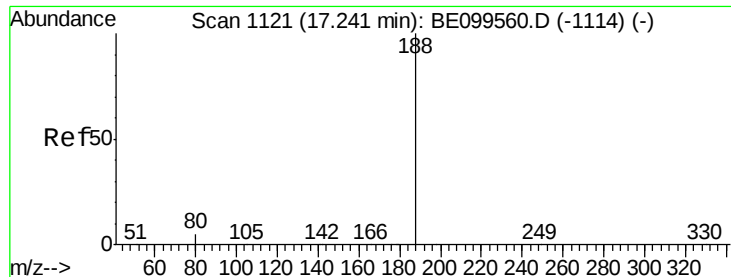
Tot Ion:154 Resp: 38747
Ion Ratio Lower Upper
154 100
153 116.0 89.7 134.5
152 56.7 43.9 65.9



#18
Fluorene
Concen: 3.194 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099563.D
Acq: 7 May 2019 12:37

Tgt Ion:166 Resp: 55939
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.6
167 13.5 11.5 17.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

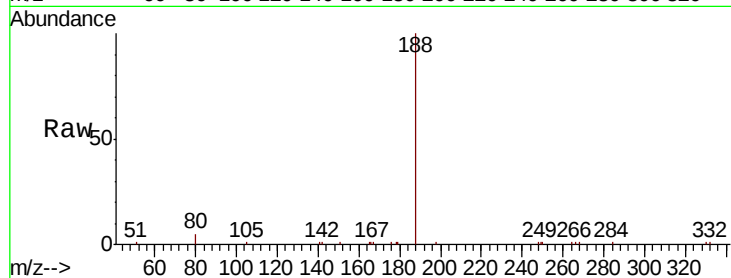
Tot Ion:188 Resp: 12341

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

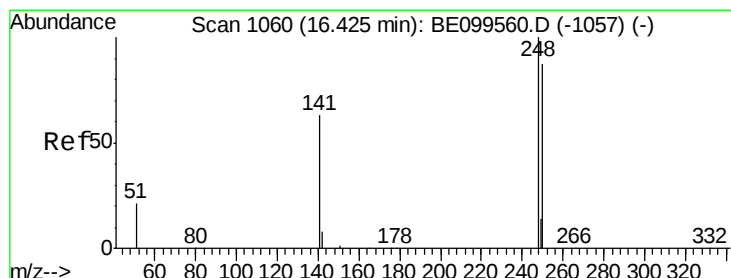
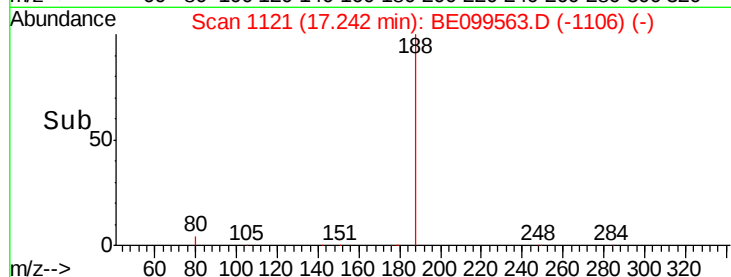
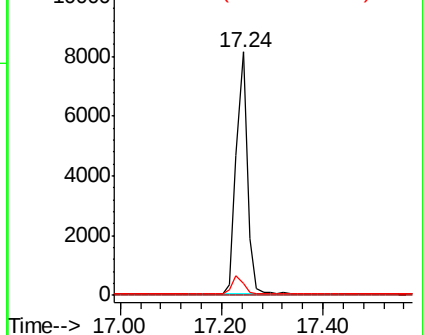
80 4.9 4.6 7.0



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: 3.357 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

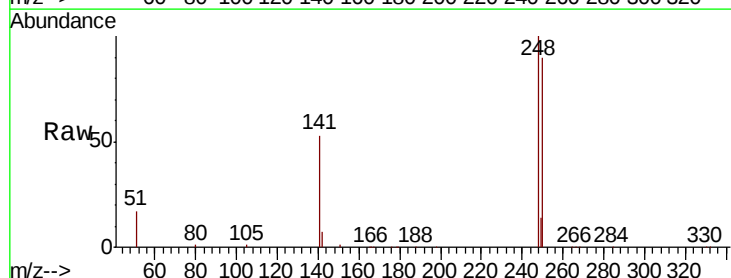
Tgt Ion:248 Resp: 24114

Ion Ratio Lower Upper

248 100

250 90.2 70.0 105.0

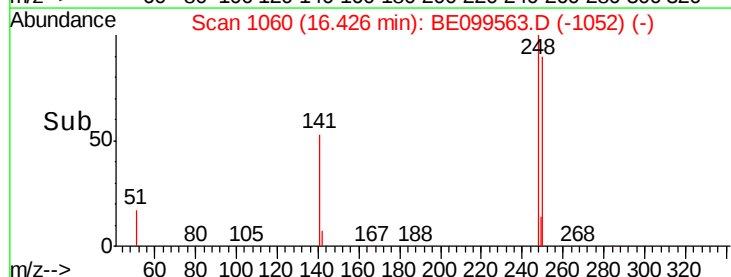
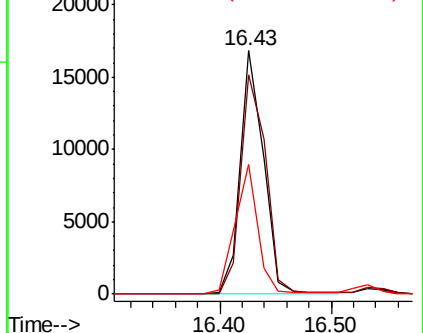
141 53.1 51.8 77.8

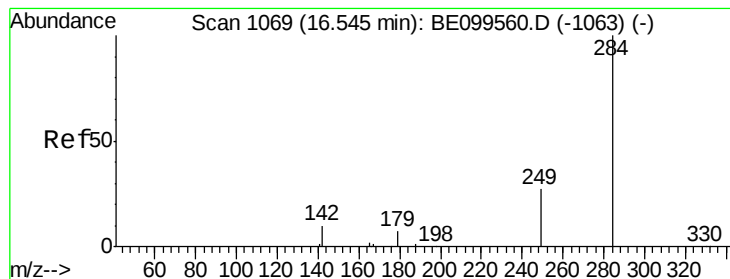


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.445 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

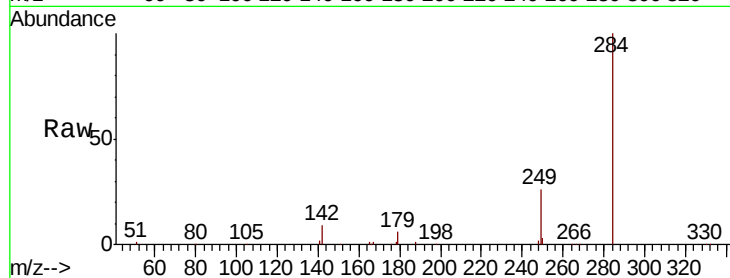
Tot Ion:284 Resp: 23591

Ion Ratio Lower Upper

284 100

142 25.1 19.5 29.3

249 32.5 26.2 39.2

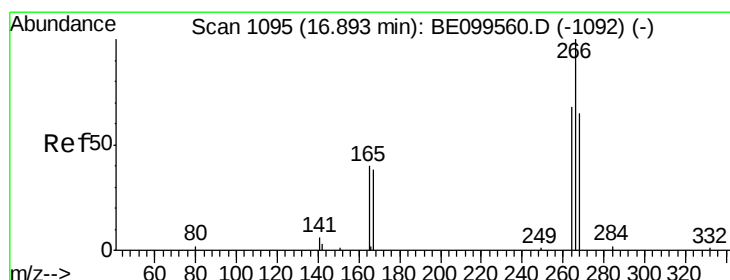
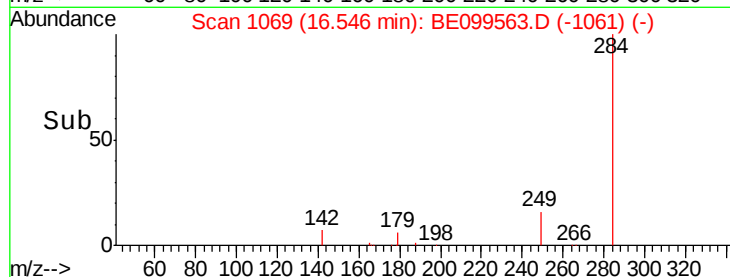
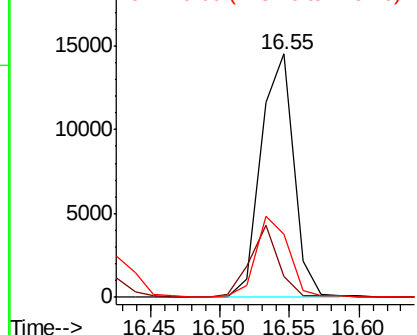


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 3.715 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

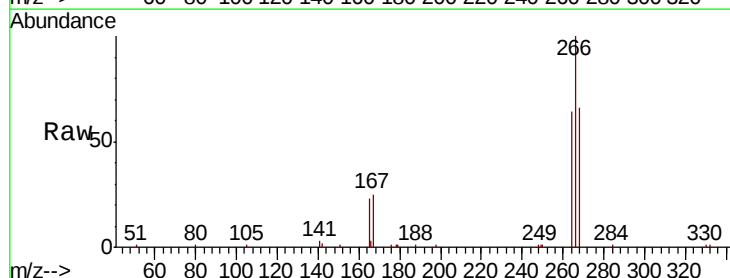
Tgt Ion:266 Resp: 11479

Ion Ratio Lower Upper

266 100

264 63.7 56.6 84.8

268 66.2 55.8 83.8

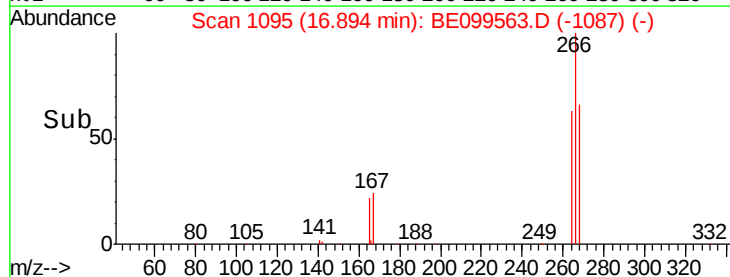
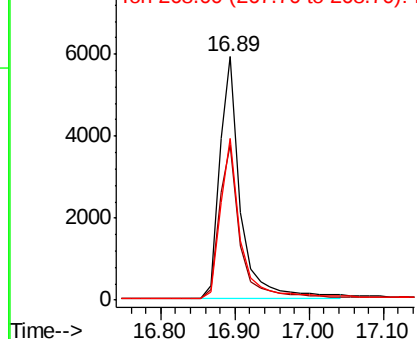


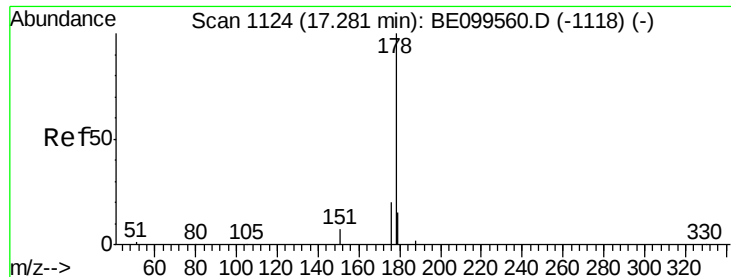
Abundance

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: 3.210 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

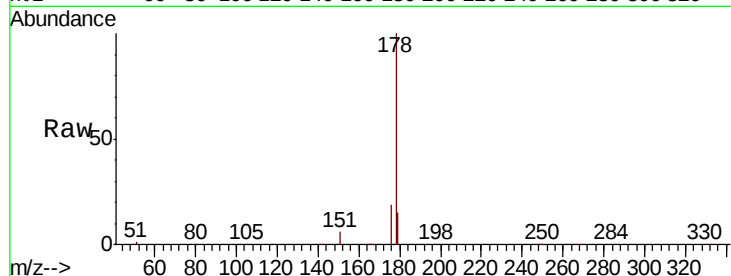
Tot Ion:178 Resp: 102212

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

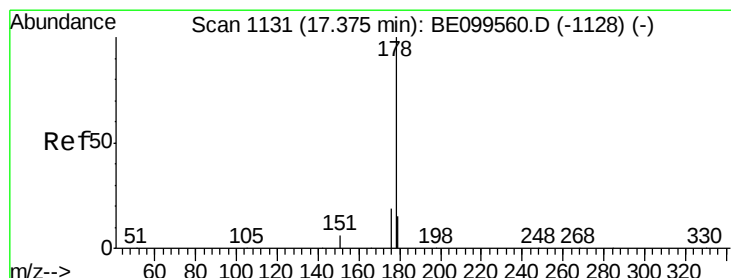
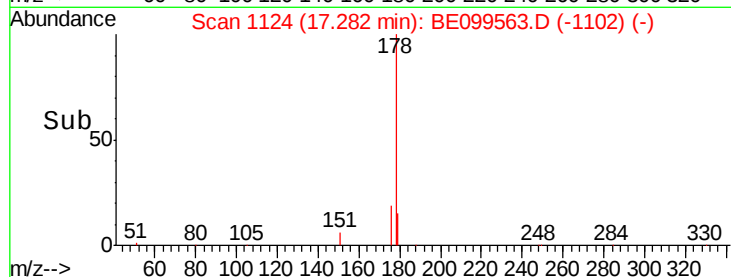
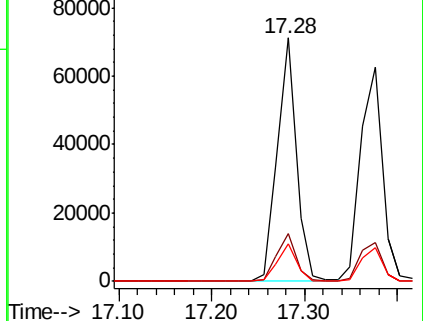
179 15.2 12.5 18.7



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: 3.339 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

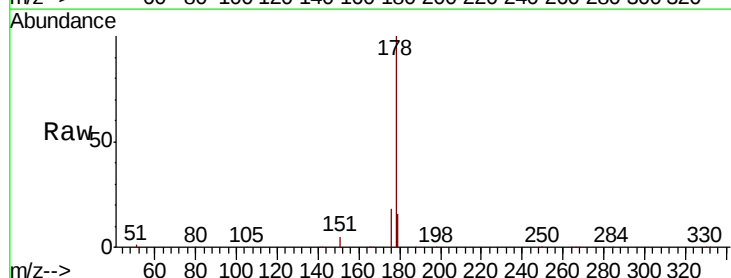
Tgt Ion:178 Resp: 101334

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

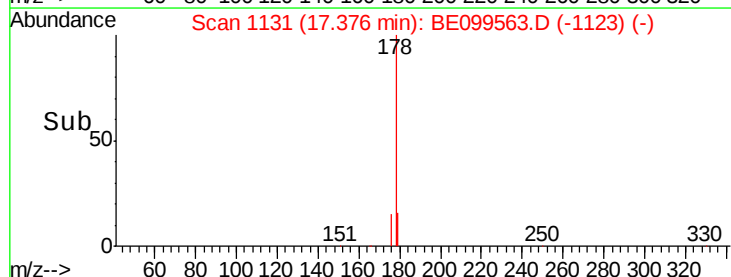
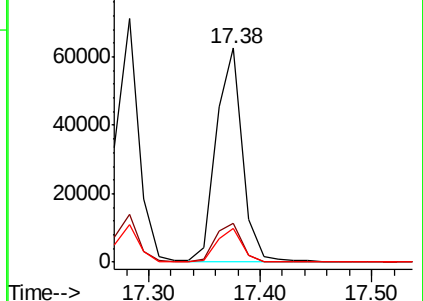
179 15.3 12.2 18.4

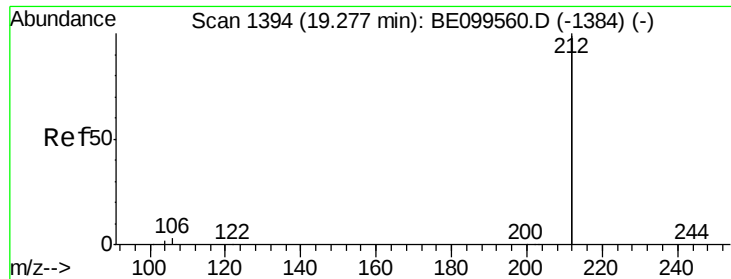


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.312 ng

RT: 19.28 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

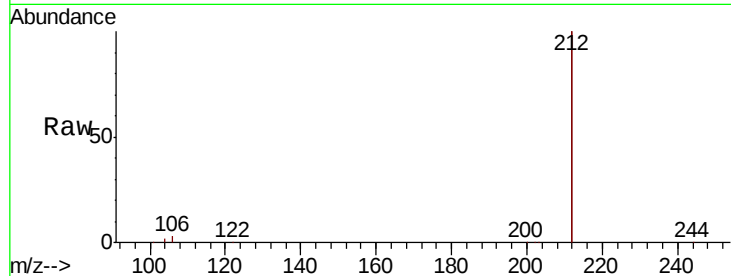
Tot Ion:212 Resp: 550866

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

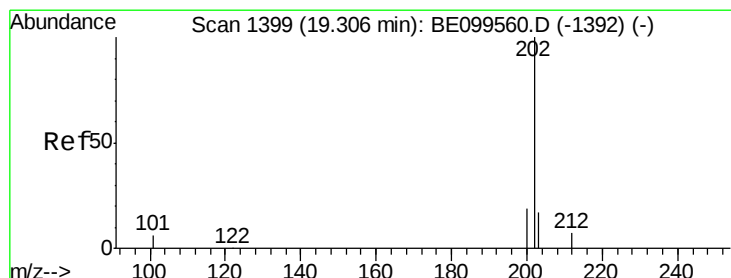
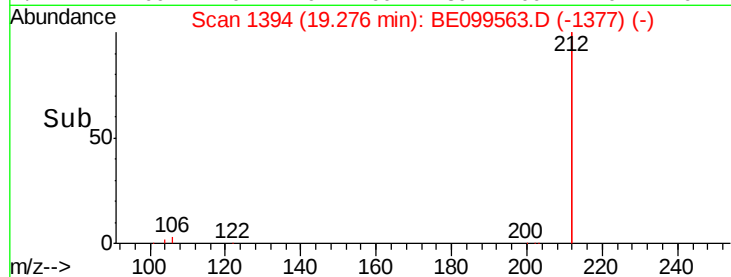
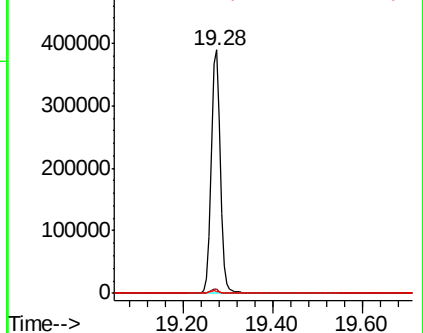
104 1.0 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 3.268 ng

RT: 19.30 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

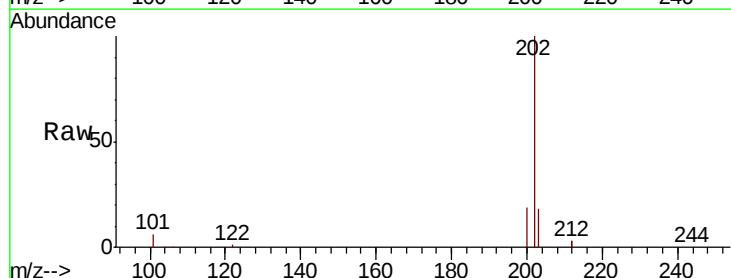
Tgt Ion:202 Resp: 155871

Ion Ratio Lower Upper

202 100

101 6.6 5.3 7.9

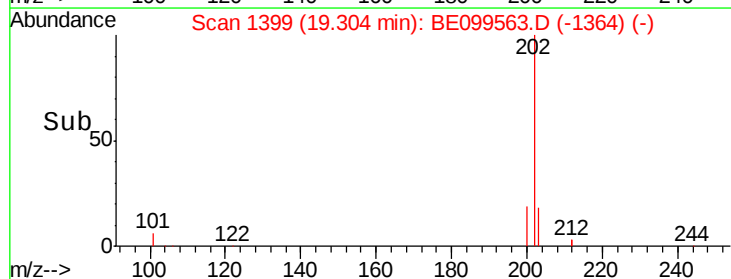
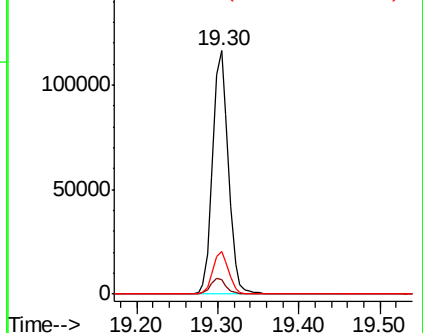
203 17.4 13.4 20.2

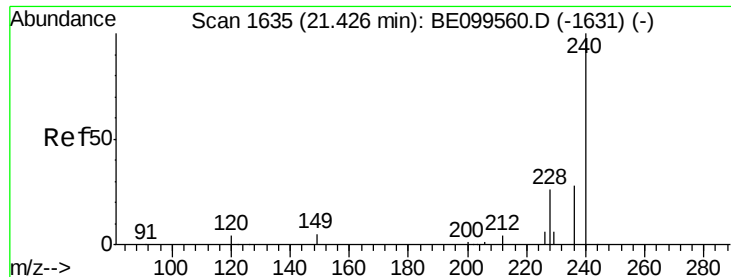


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

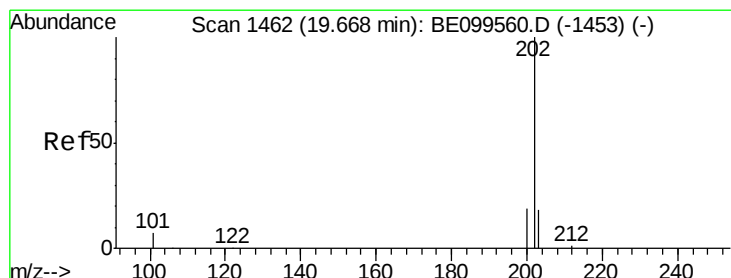
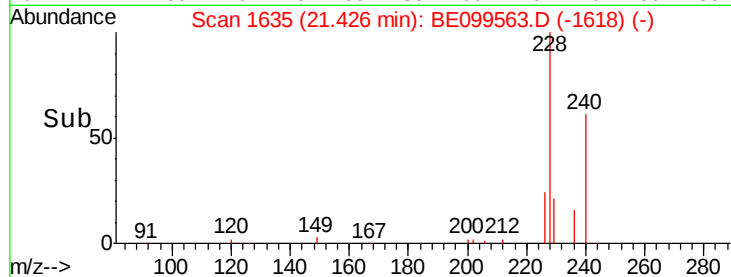
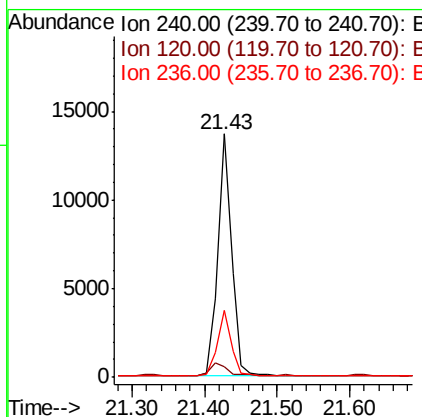
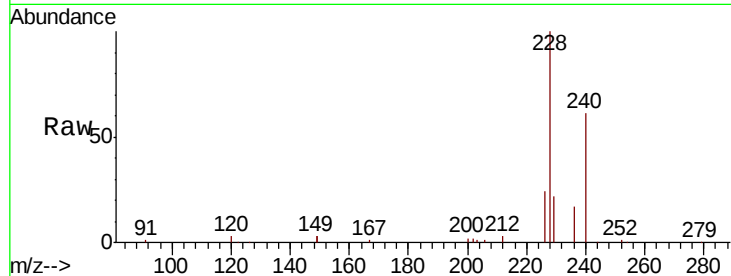




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BE099563.D
 Acq: 7 May 2019 12:37

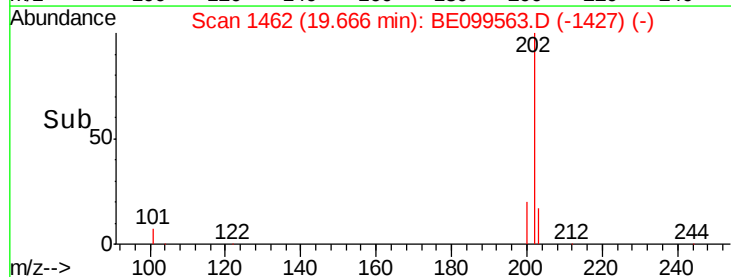
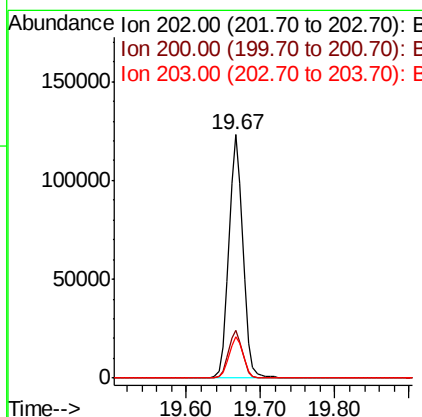
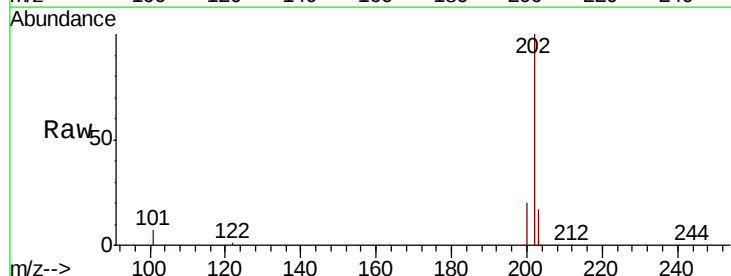
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

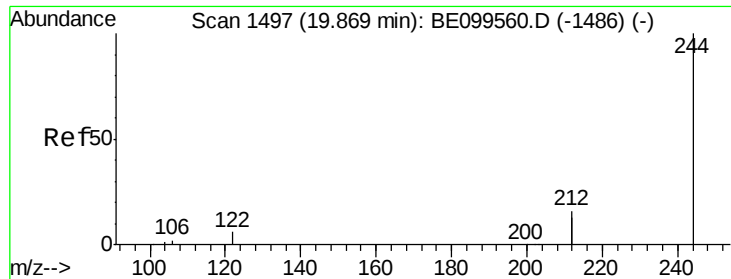
Tot Ion:240 Resp: 18286
 Ion Ratio Lower Upper
 240 100
 120 4.5 3.8 5.6
 236 27.7 22.5 33.7



#28
 Pyrene
 Concen: 3.399 ng
 RT: 19.67 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BE099563.D
 Acq: 7 May 2019 12:37

Tgt Ion:202 Resp: 162000
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.8 23.6
 203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 3.387 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

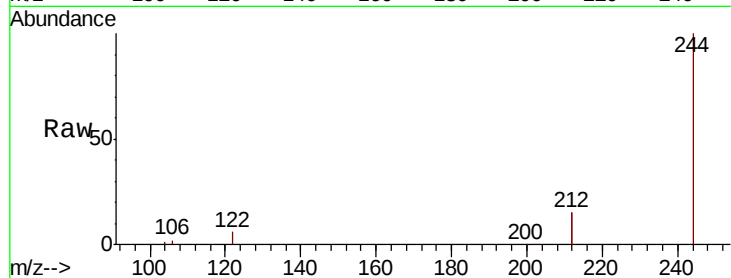
Tot Ion:244 Resp: 113408

Ion Ratio Lower Upper

244 100

212 29.1 24.6 37.0

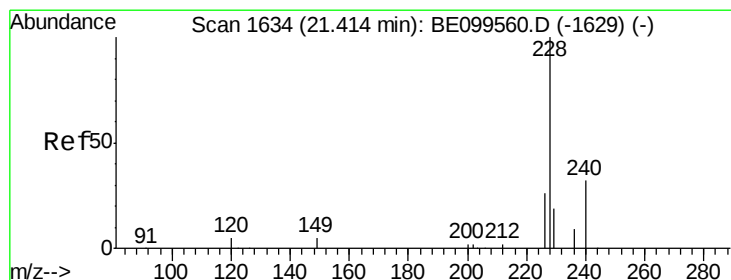
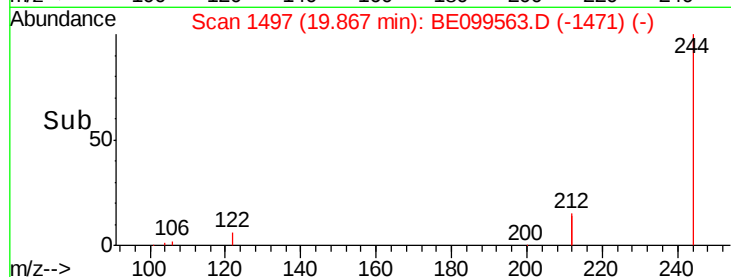
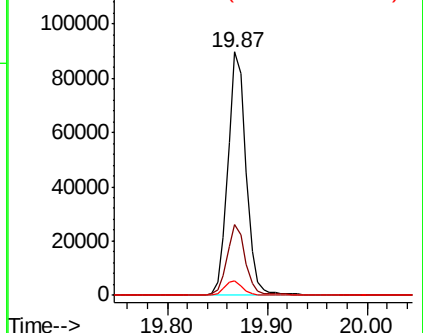
122 6.0 5.0 7.6



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: 3.185 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

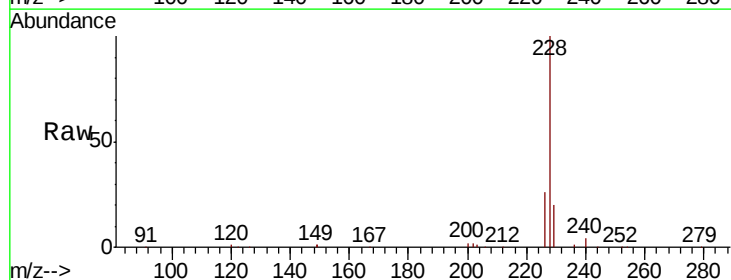
Tgt Ion:228 Resp: 185570

Ion Ratio Lower Upper

228 100

226 25.8 20.9 31.3

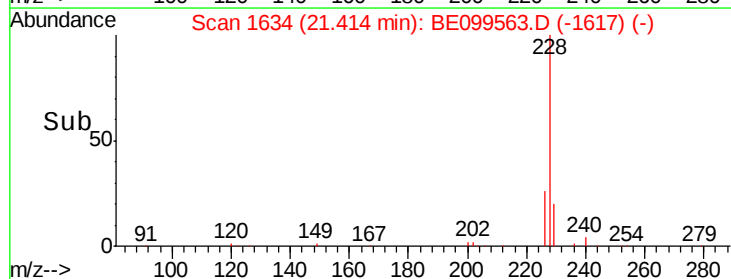
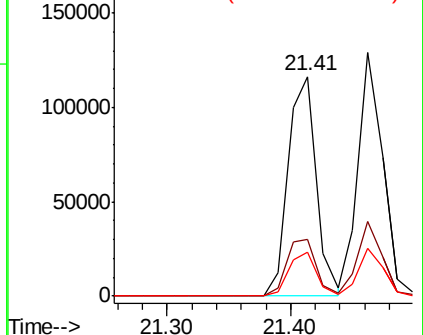
229 20.1 16.1 24.1

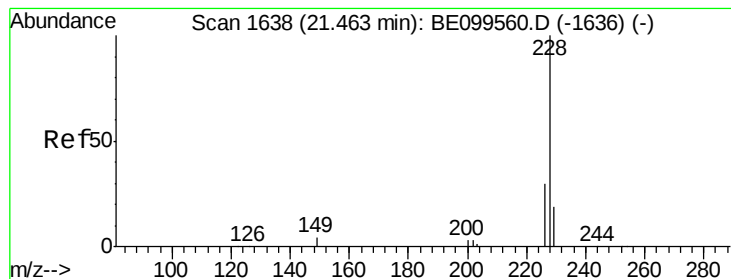


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.153 ng

RT: 21.46 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

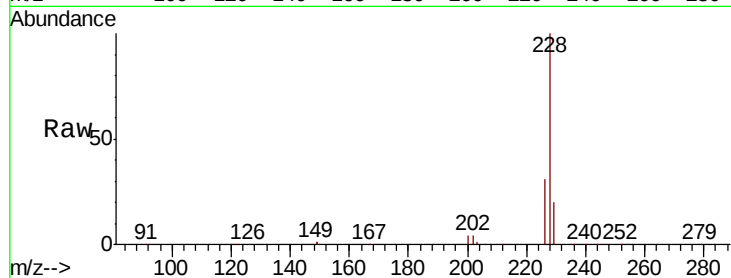
Tot Ion:228 Resp: 179775

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

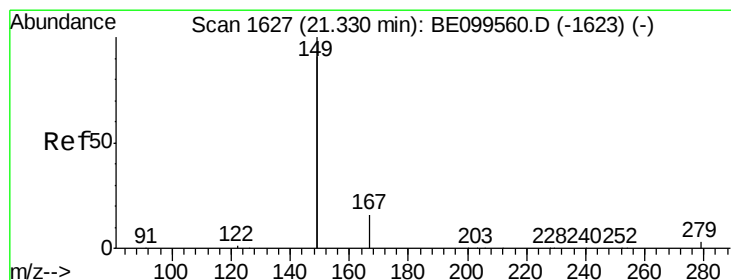
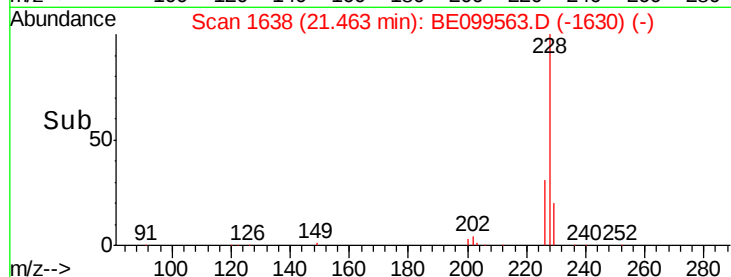
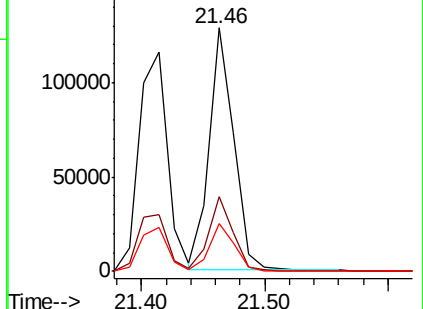
229 19.6 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.719 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

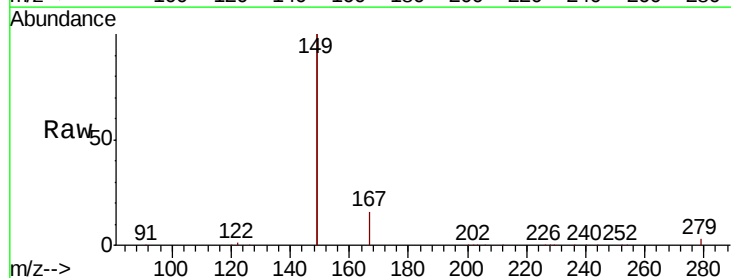
Tgt Ion:149 Resp: 275476

Ion Ratio Lower Upper

149 100

167 7.5 6.1 9.1

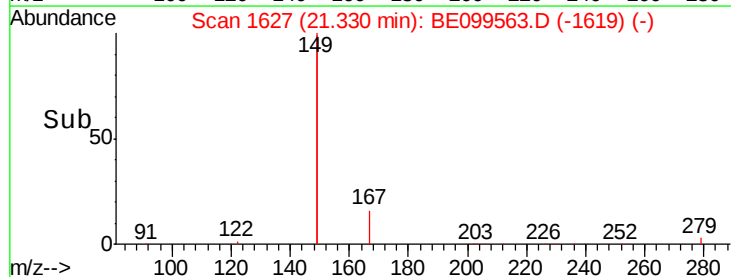
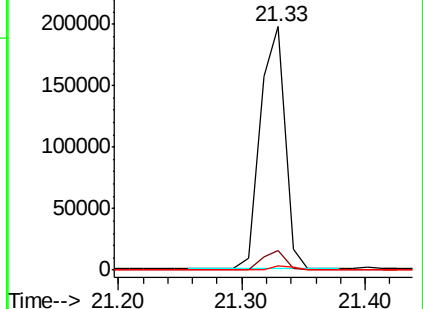
279 1.4 1.3 1.9

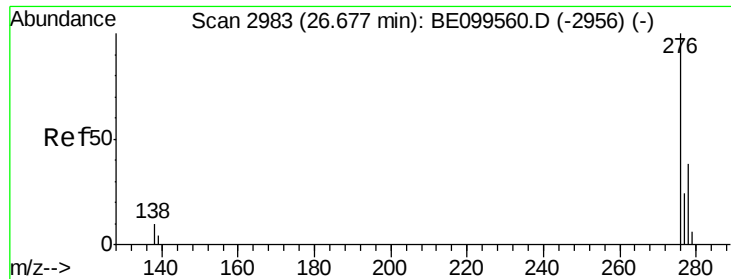


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

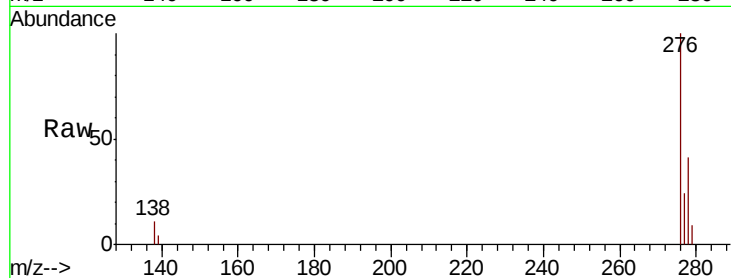




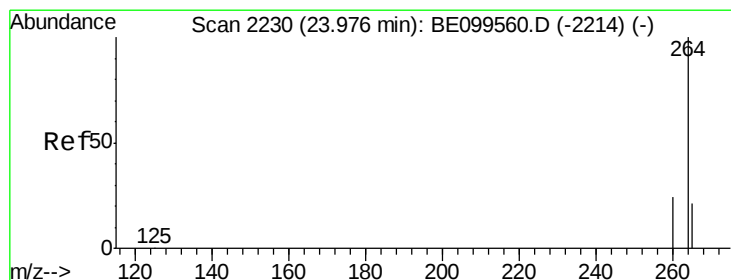
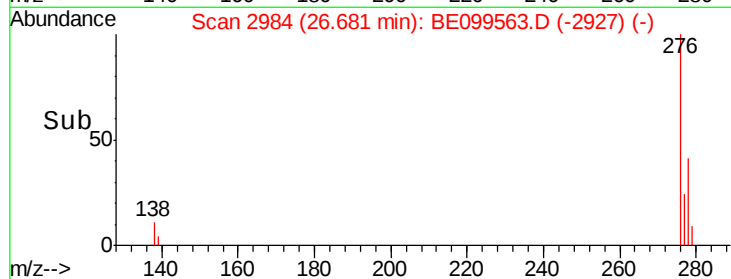
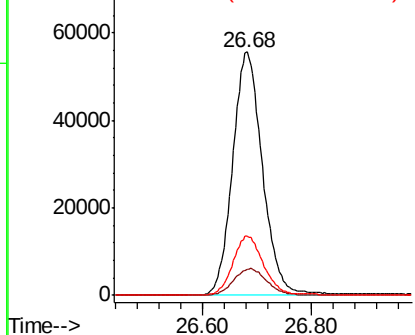
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.158 ng
 RT: 26.68 min Scan# 2984
 Delta R.T. 0.00 min
 Lab File: BE099563.D
 Acq: 7 May 2019 12:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion:276 Resp: 212813
 Ion Ratio Lower Upper
 276 100
 138 11.8 9.5 14.3
 277 24.7 19.7 29.5

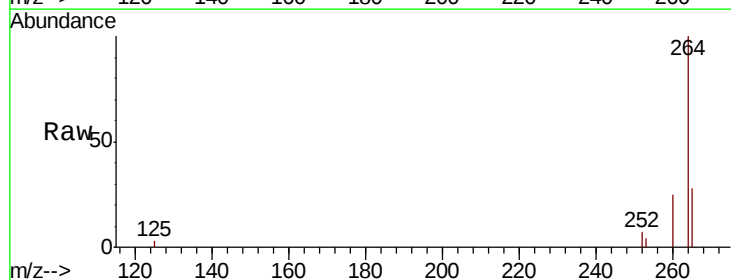


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

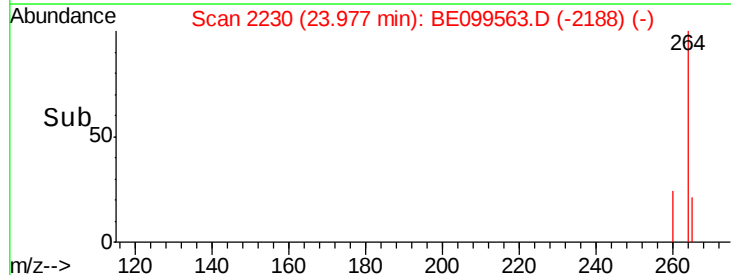
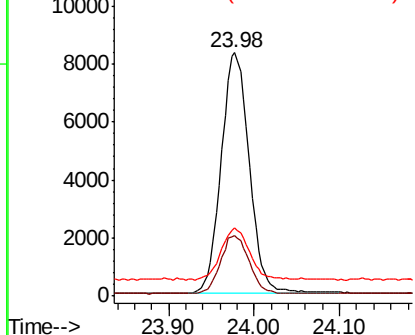


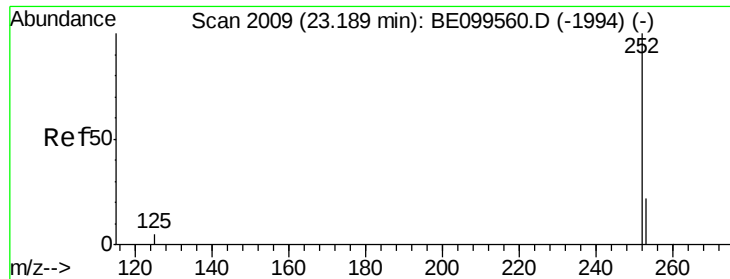
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.98 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BE099563.D
 Acq: 7 May 2019 12:37

Tgt Ion:264 Resp: 18998
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.9 29.9
 265 27.8 22.2 33.2



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: 3.149 ng

RT: 23.19 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

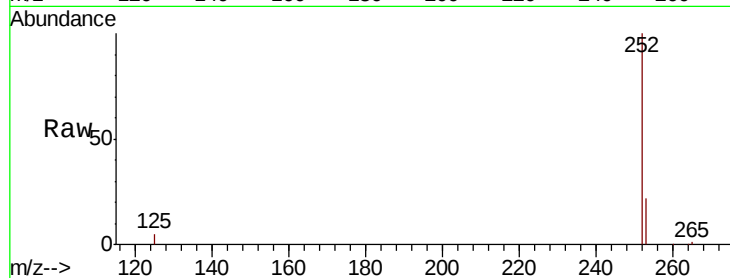
Tot Ion:252 Resp: 172506

Ion Ratio Lower Upper

252 100

253 22.1 19.0 28.4

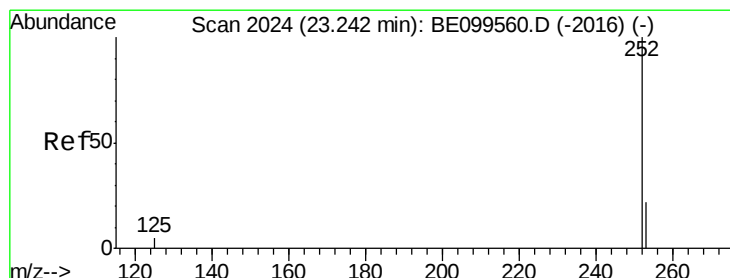
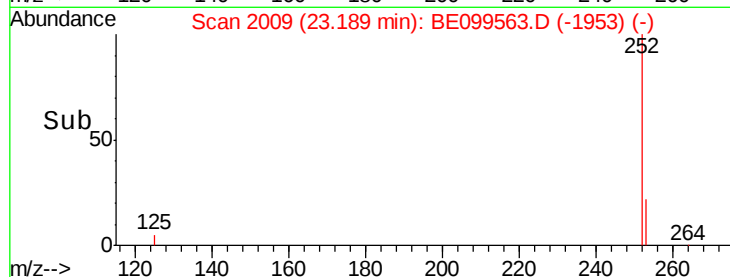
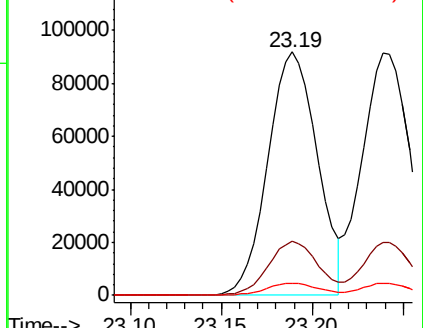
125 5.2 5.8 8.6#



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: 3.284 ng

RT: 23.24 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

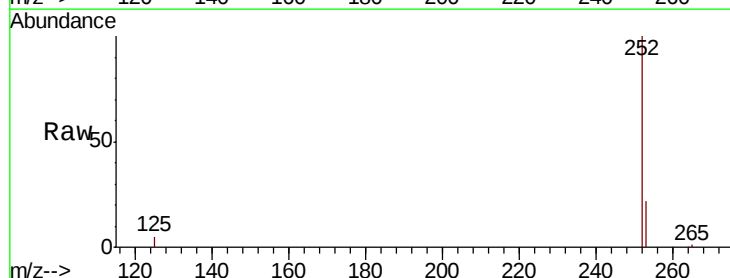
Tgt Ion:252 Resp: 173451

Ion Ratio Lower Upper

252 100

253 22.0 19.1 28.7

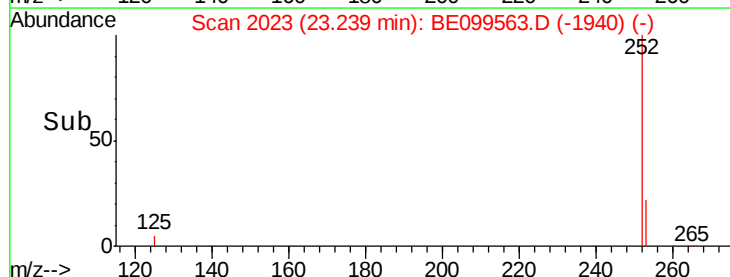
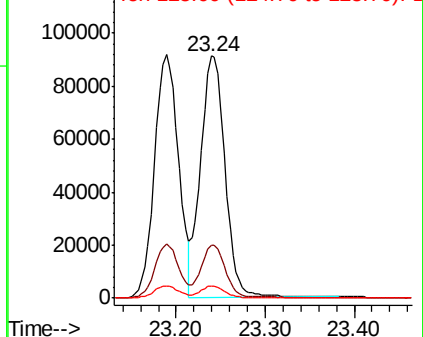
125 4.9 5.8 8.6#

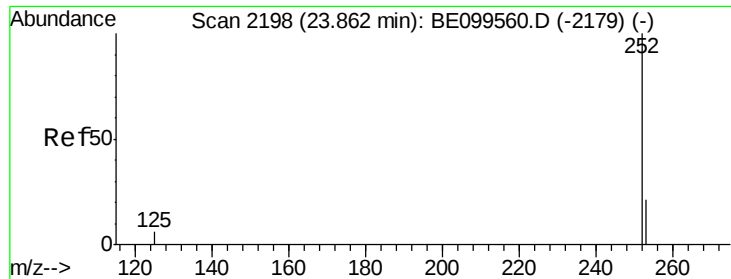


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

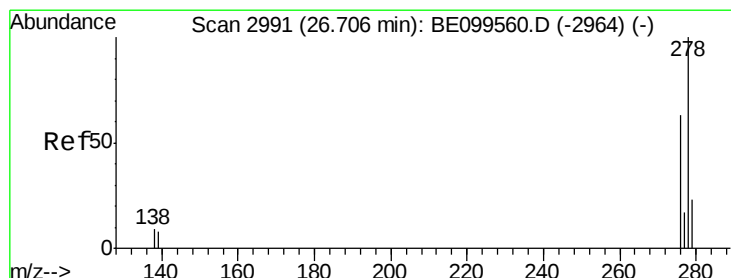
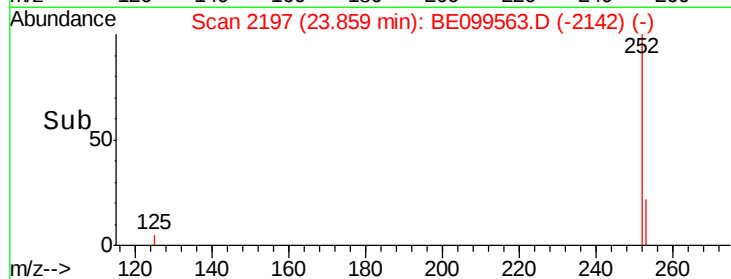
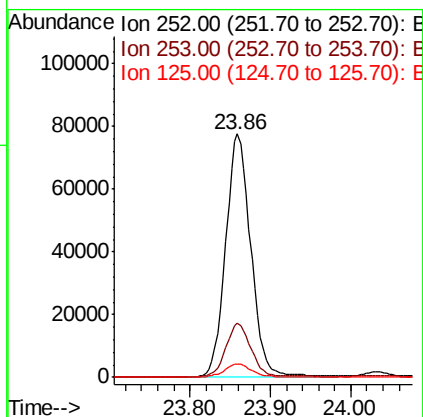
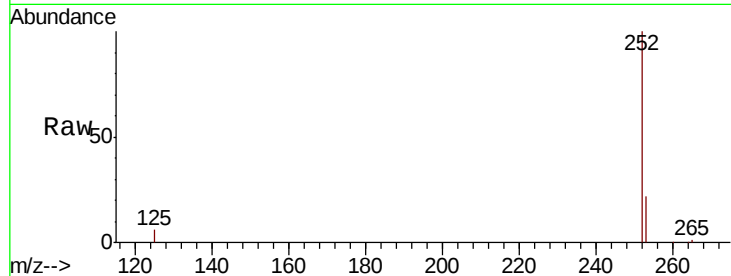




#37
Benzo(a)pyrene
Concen: 3.223 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE099563.D
Acq: 7 May 2019 12:37

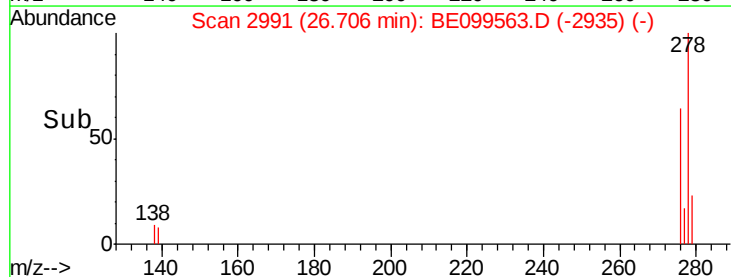
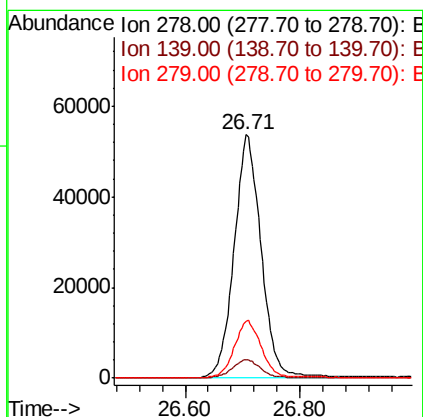
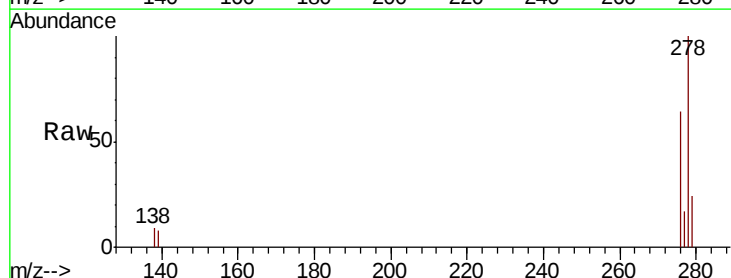
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

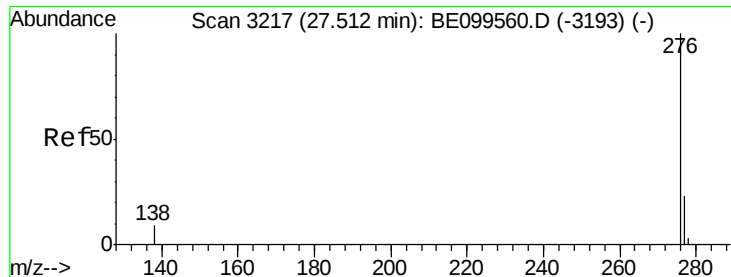
Tot Ion:252 Resp: 166932
Ion Ratio Lower Upper
252 100
253 22.1 18.9 28.3
125 5.5 6.6 9.8#



#38
Dibenzo(a,h)anthracene
Concen: 3.301 ng
RT: 26.71 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE099563.D
Acq: 7 May 2019 12:37

Tgt Ion:278 Resp: 174876
Ion Ratio Lower Upper
278 100
139 7.7 7.7 11.5
279 23.5 21.0 31.4





#39

Benzo(a,h,i)perylene

Concen: 3.271 ng

RT: 27.52 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BE099563.D

Acq: 7 May 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

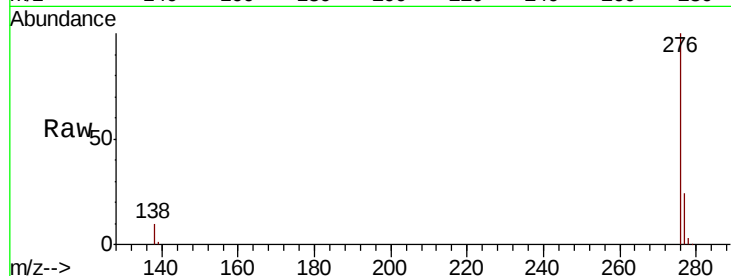
Tot Ion:276 Resp: 173624

Ion Ratio Lower Upper

276 100

277 23.9 19.7 29.5

138 10.4 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

