

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051419\
 Data File : BE099610.D
 Acq On : 14 May 2019 18:19
 Operator : JU/SJ
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: May 14 19:12:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE051419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 19:05:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1732	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6043	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4019	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11093	0.40	ng	0.00
27) Chrysene-d12	21.41	240	17175	0.40	ng	0.00
34) Perylene-d12	23.96	264	18708	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	16218	3.42	ng	0.00
5) Phenol-d6	6.97	99	21687	3.48	ng	0.00
8) Nitrobenzene-d5	8.97	82	20692	3.65	ng	-0.01
11) 2-Methylnaphthalene-d10	12.22	152	34066	3.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	9406	3.95	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	51960	3.34	ng	0.00
25) Fluoranthene-d10	19.26	212	485784	3.33	ng	0.00
29) Terphenyl-d14	19.86	244	101982	3.34	ng	0.00

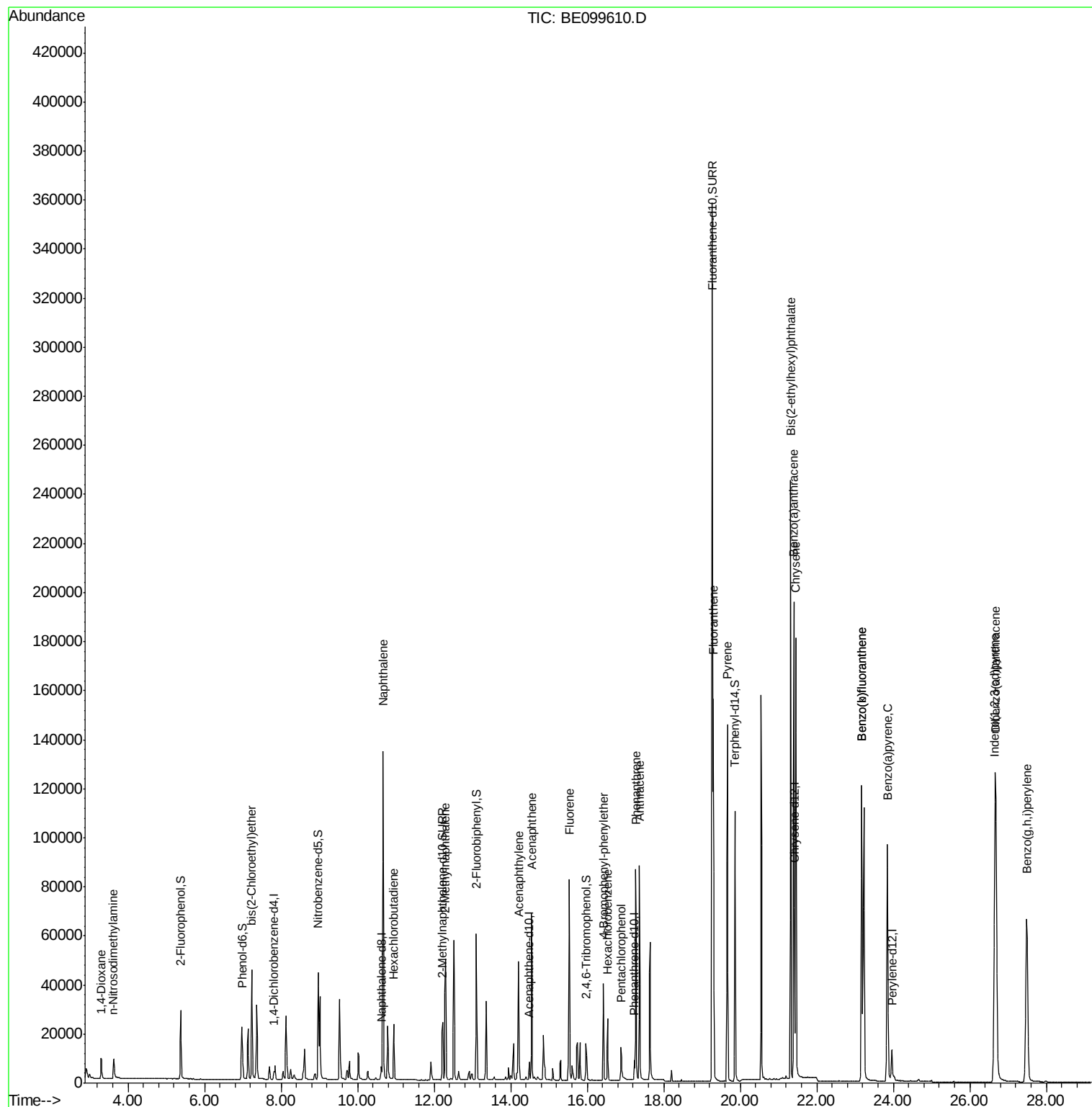
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	7809	3.199	ng	89
3) n-Nitrosodimethylamine	3.61	42	5607	3.709	ng	# 94
6) bis(2-Chloroethyl)ether	7.23	93	17782	3.438	ng	92
9) Naphthalene	10.67	128	214484	3.331	ng	98
10) Hexachlorobutadiene	10.94	225	15570	3.350	ng	100
12) 2-Methylnaphthalene	12.30	142	35989	3.422	ng	99
16) Acenaphthylene	14.21	152	65412	3.362	ng	99
17) Acenaphthene	14.54	154	36879	3.394	ng	98
18) Fluorene	15.53	166	51909	3.349	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	21975	3.473	ng	97
21) Hexachlorobenzene	16.53	284	21080	3.318	ng	97
22) Pentachlorophenol	16.88	266	10307	4.058	ng	89
23) Phenanthrene	17.27	178	92412	3.356	ng	99
24) Anthracene	17.36	178	89425	3.459	ng	100
26) Fluoranthene	19.29	202	137953	3.330	ng	99
28) Pyrene	19.66	202	142840	3.156	ng	100
30) Benzo(a)anthracene	21.40	228	172653	3.292	ng	100
31) Chrysene	21.45	228	174374	3.326	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	243623	3.232	ng	100
33) Indeno(1,2,3-cd)pyrene	26.65	276	218309	3.337	ng	99
35) Benzo(b)fluoranthene	23.17	252	172058	3.329	ng	# 94
36) Benzo(k)fluoranthene	23.17	252	172058	3.349	ng	97
37) Benzo(a)pyrene	23.84	252	166735	3.330	ng	# 93
38) Dibenzo(a,h)anthracene	26.68	278	180881	3.456	ng	98
39) Benzo(g,h,i)perylene	27.49	276	178425	3.368	ng	99

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

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Misc :
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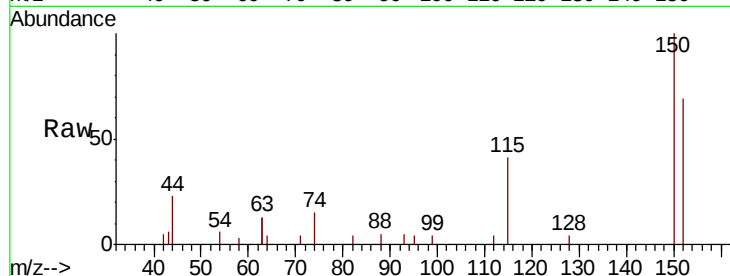


#1

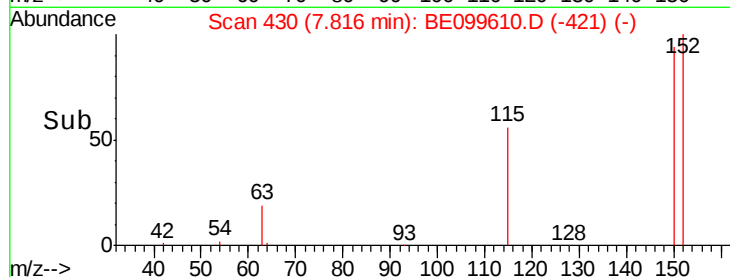
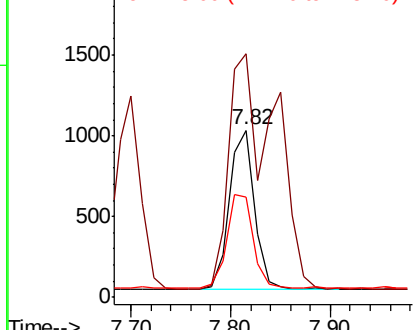
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 1732
Ion Ratio Lower Upper
152 100
150 145.5 110.1 165.1
115 59.8 46.2 69.4



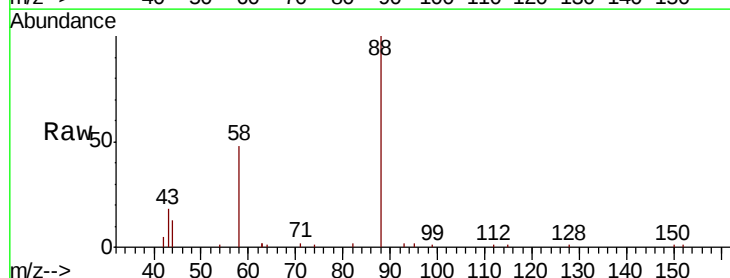
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



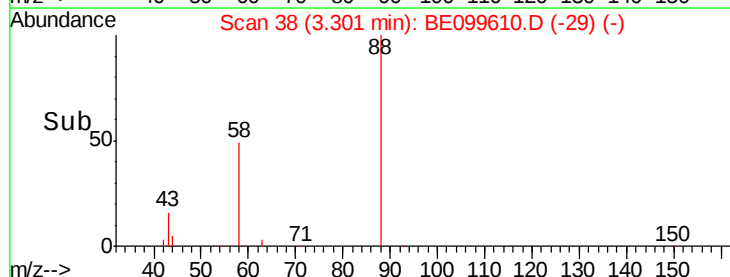
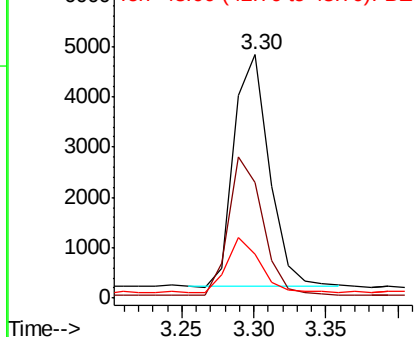
#2

1,4-Dioxane
Concen: 3.199 ng
RT: 3.30 min Scan# 38
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion: 88 Resp: 7809
Ion Ratio Lower Upper
88 100
58 58.6 39.8 59.6
43 22.2 21.0 31.6



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: 3.709 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.01 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

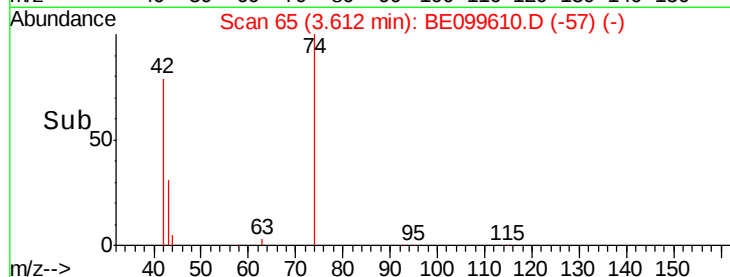
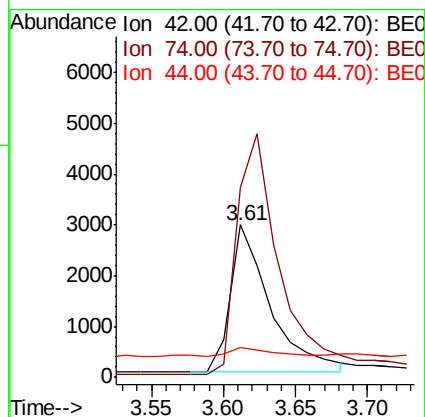
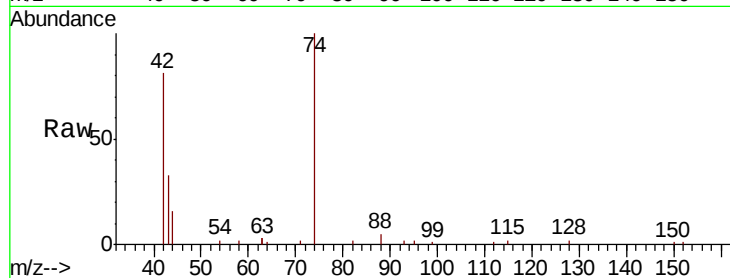
Tot Ion: 42 Resp: 5607

Ion Ratio Lower Upper

42 100

74 174.0 134.7 202.1

44 7.1 12.5 18.7#



#4

2-Fluorophenol

Concen: 3.422 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

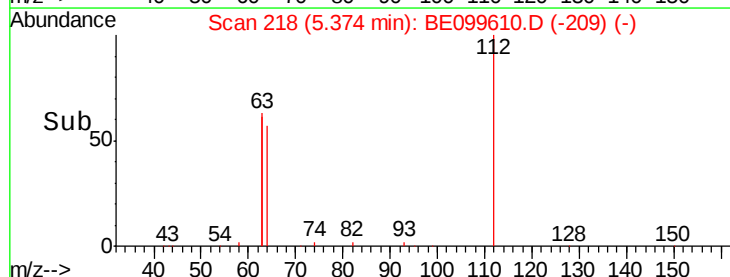
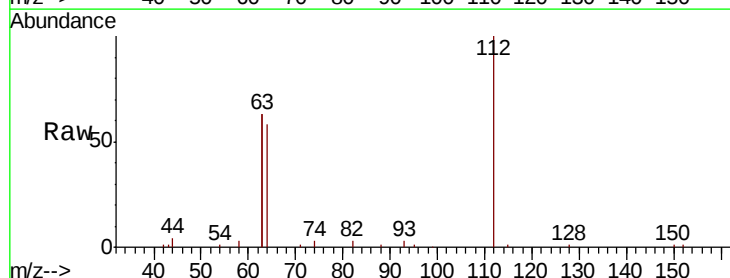
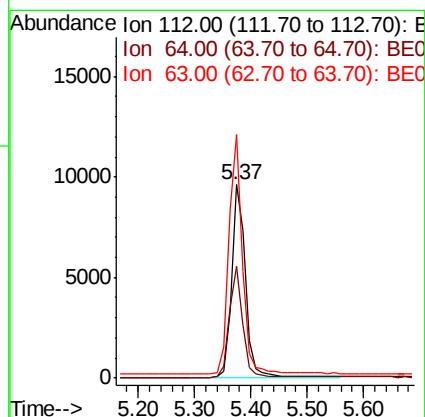
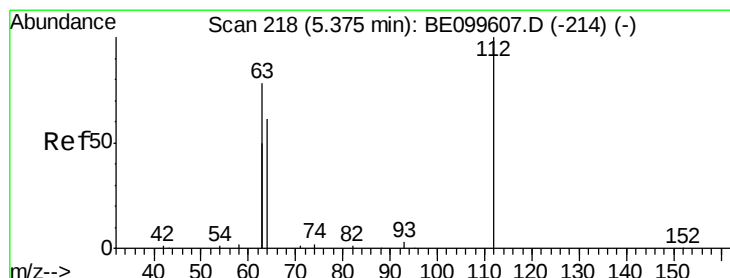
Tgt Ion: 112 Resp: 16218

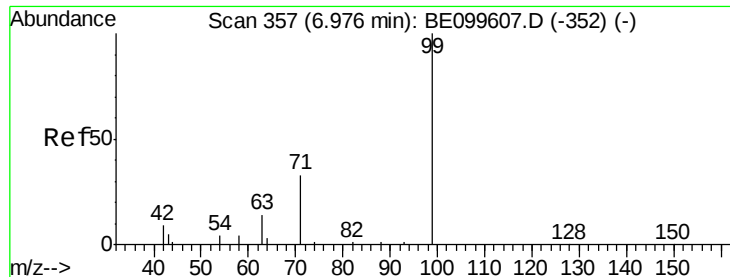
Ion Ratio Lower Upper

112 100

64 56.1 43.7 65.5

63 123.0 94.0 141.0





#5

Phenol-d6

Concen: 3.485 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

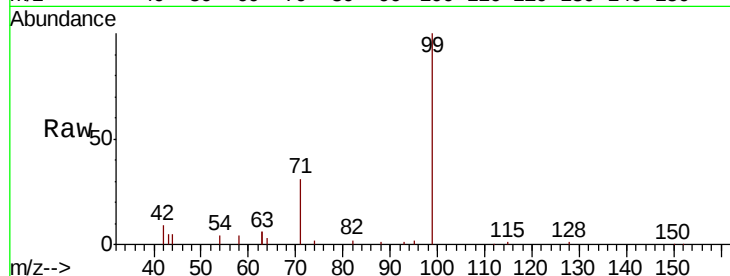
Tot Ion: 99 Resp: 21687

Ion Ratio Lower Upper

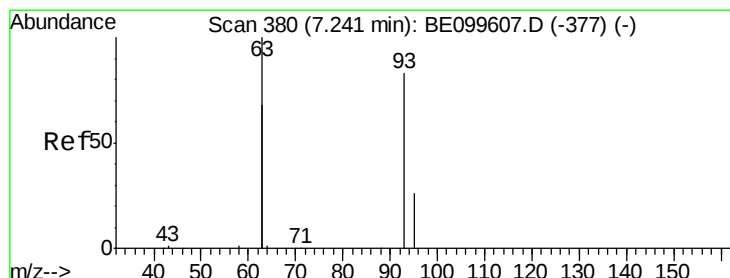
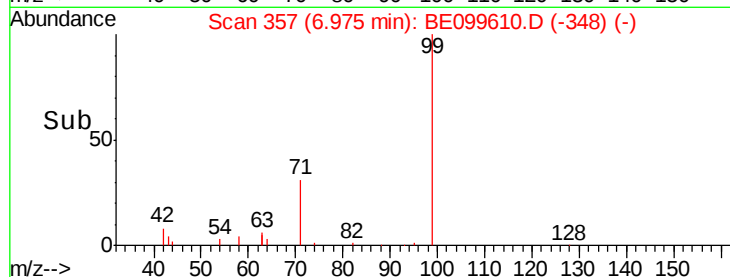
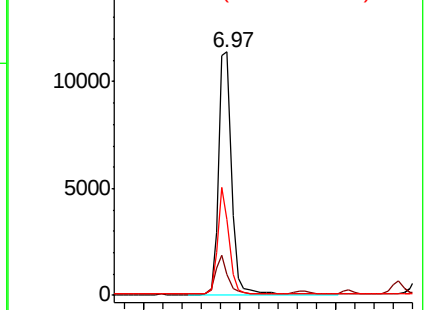
99 100

42 15.0 14.3 21.5

71 38.9 33.1 49.7



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: 3.438 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

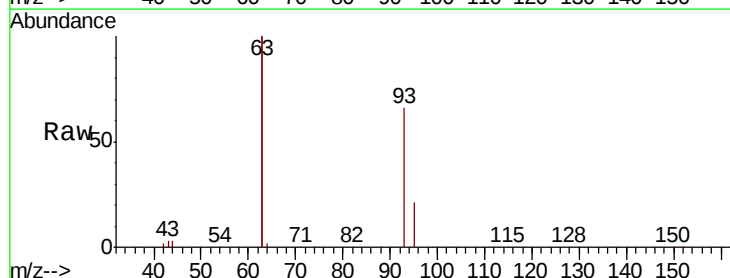
Tgt Ion: 93 Resp: 17782

Ion Ratio Lower Upper

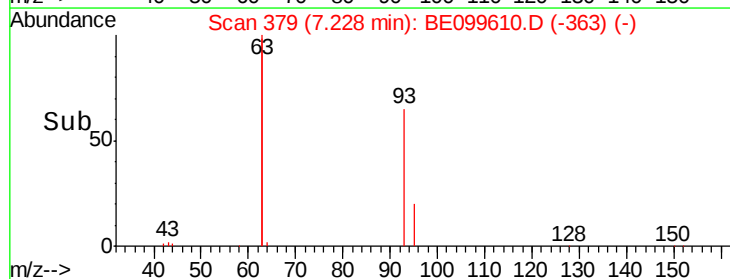
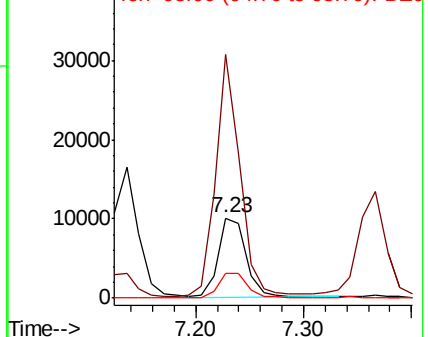
93 100

63 267.3 201.0 301.4

95 32.0 25.0 37.4



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: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 6043

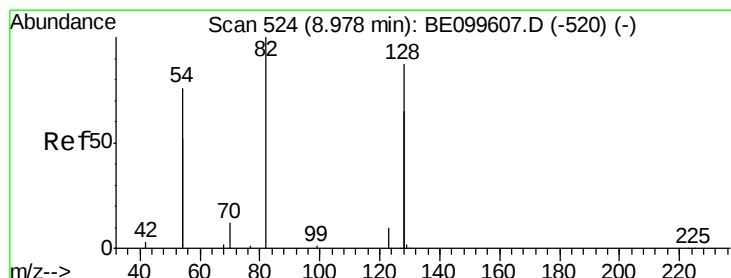
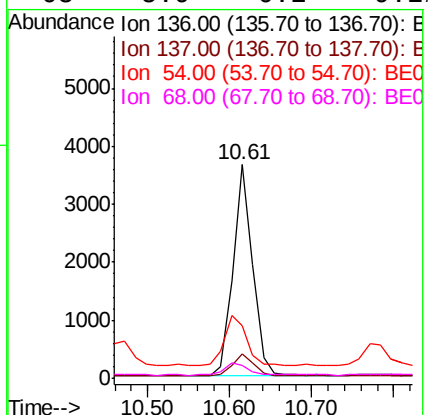
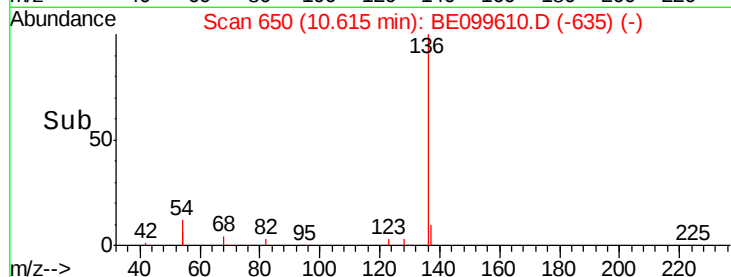
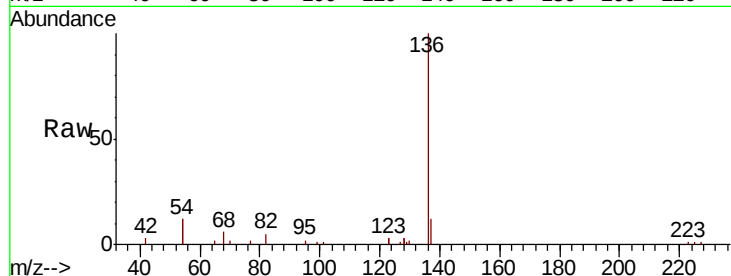
Ion Ratio Lower Upper

136 100

137 11.5 9.7 14.5

54 24.4 23.8 35.8

68 5.9 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 3.649 ng

RT: 8.97 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

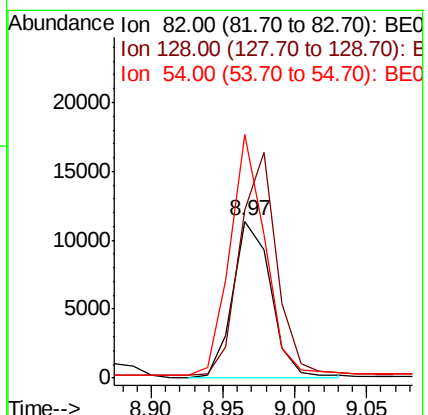
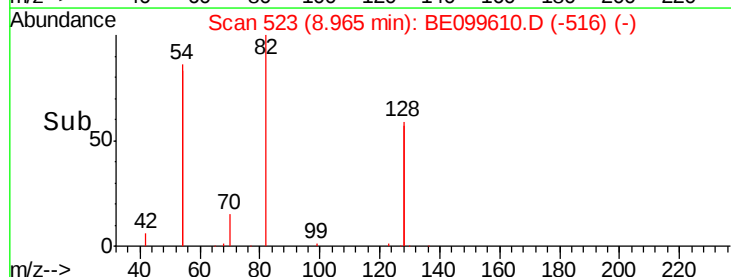
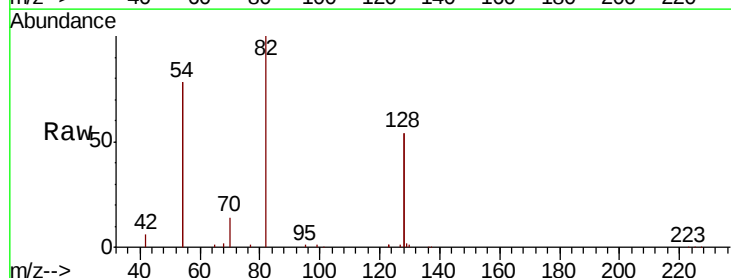
Tgt Ion: 82 Resp: 20692

Ion Ratio Lower Upper

82 100

128 107.7 131.4 197.2#

54 155.4 113.9 170.9





#9

Naphthalene

Concen: 3.331 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

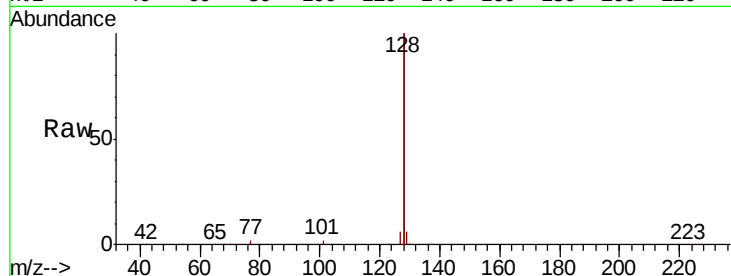
Tot Ion:128 Resp: 214484

Ion Ratio Lower Upper

128 100

129 2.8 2.6 4.0

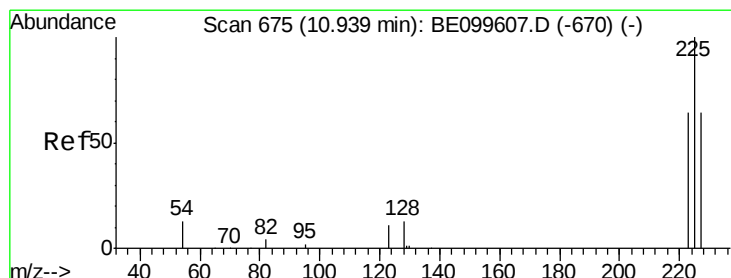
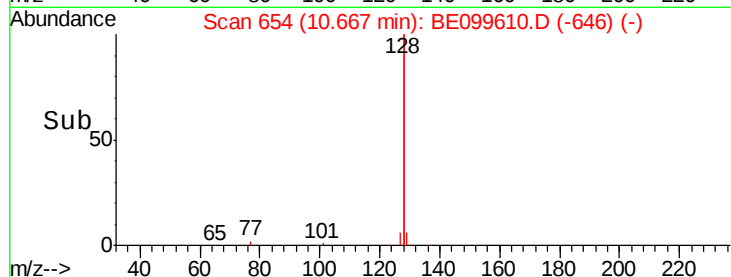
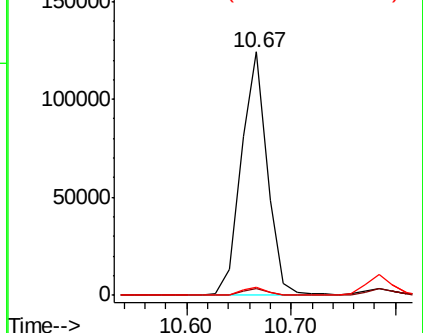
127 3.2 3.0 4.6



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: 3.350 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

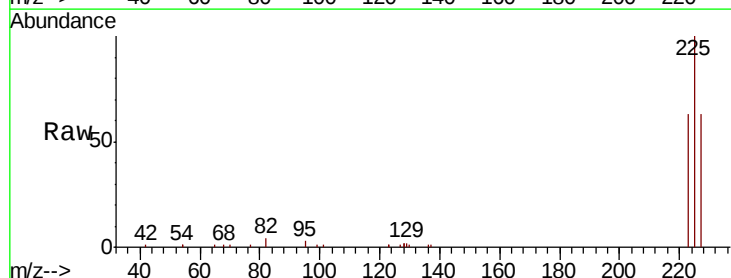
Tgt Ion:225 Resp: 15570

Ion Ratio Lower Upper

225 100

223 62.7 49.8 74.8

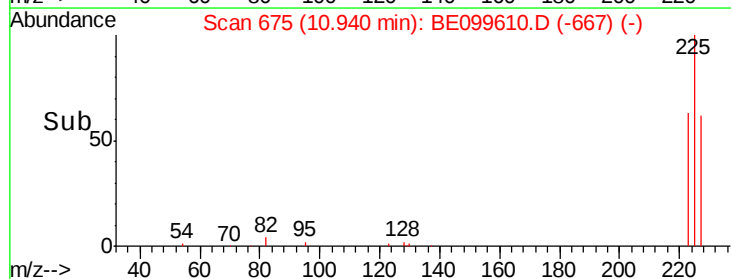
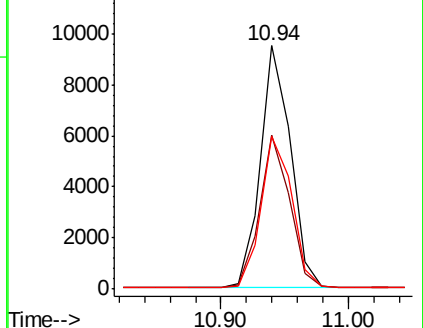
227 64.3 51.2 76.8

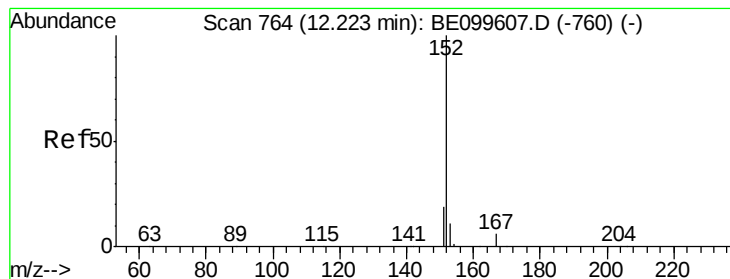


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.368 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

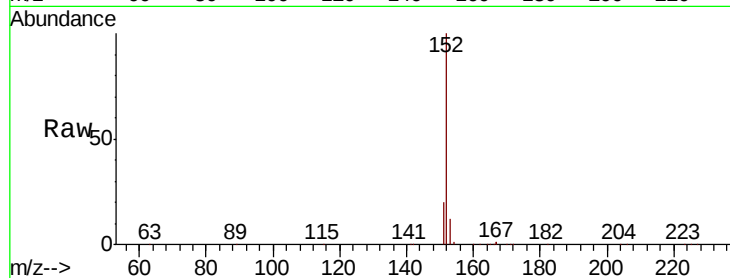
SSTDICC3.2

Tot Ion:152 Resp: 34066

Ion Ratio Lower Upper

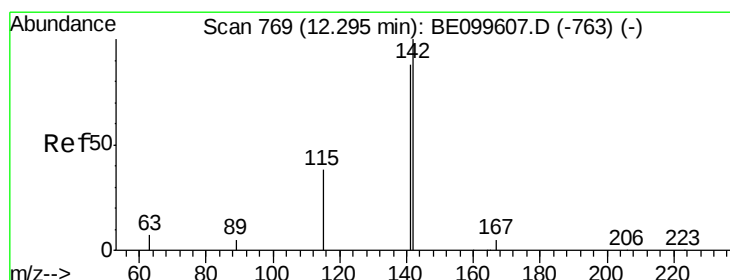
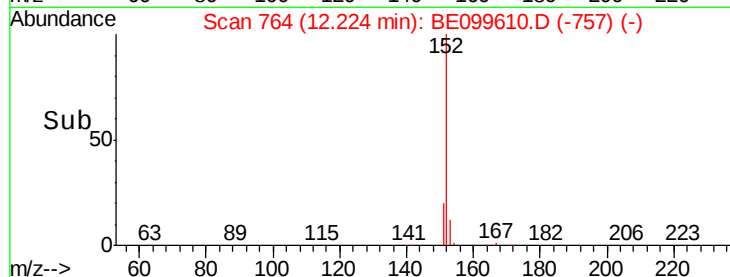
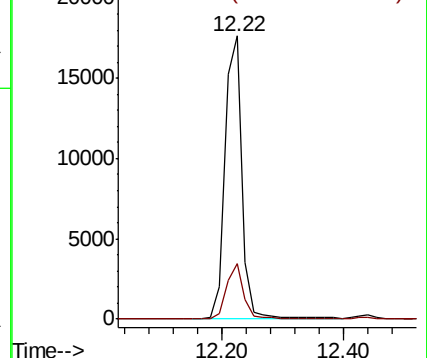
152 100

151 19.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.422 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

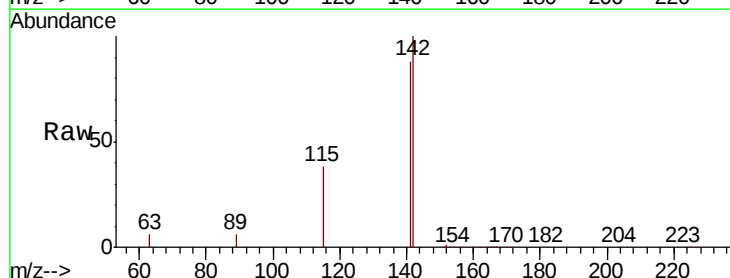
Tgt Ion:142 Resp: 35989

Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6

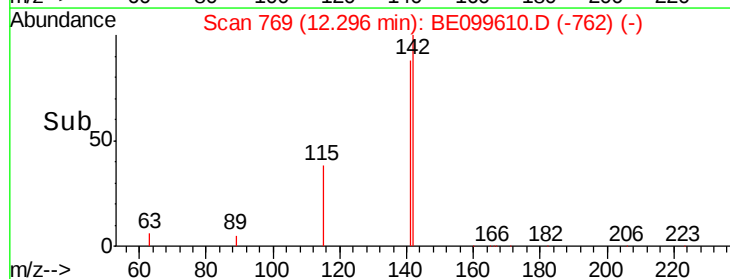
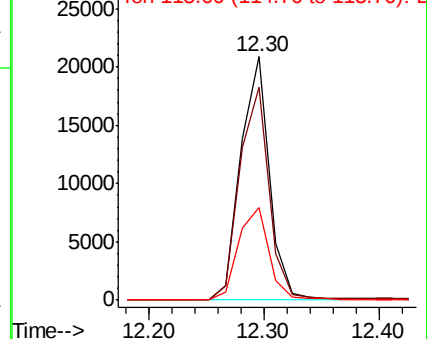
115 38.1 32.2 48.4

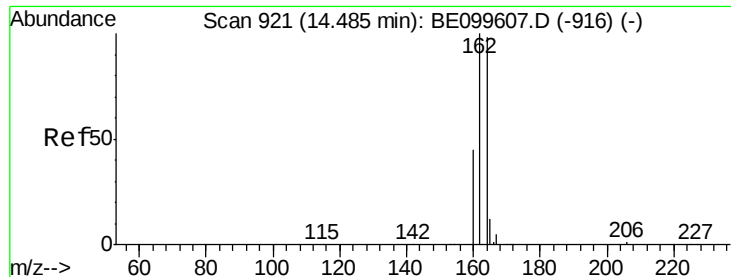


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

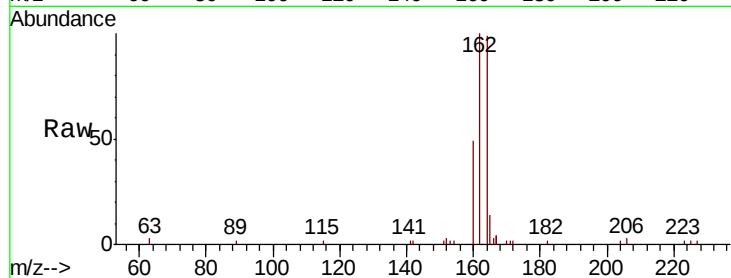




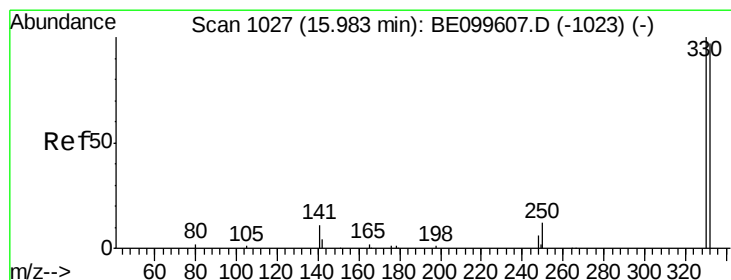
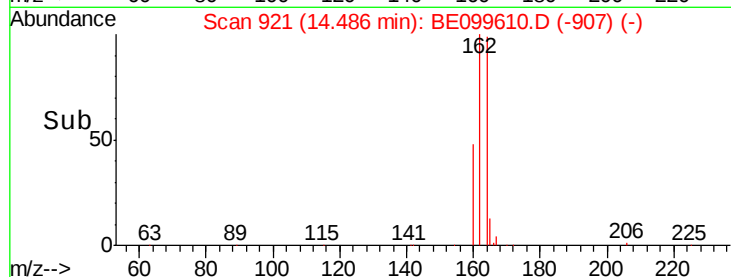
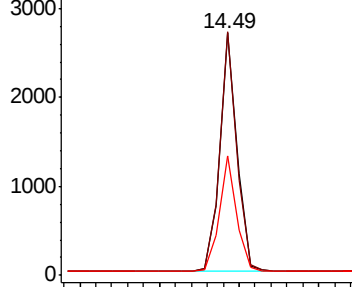
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:164 Resp: 4019
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 49.2 37.4 56.2

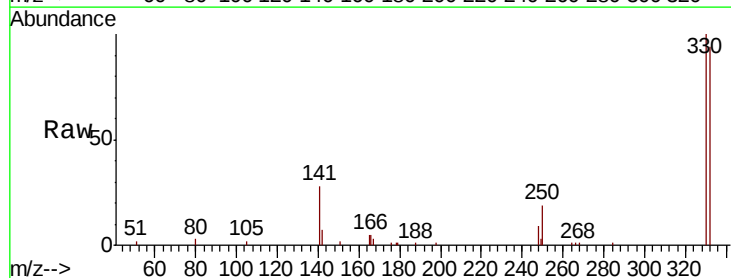


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

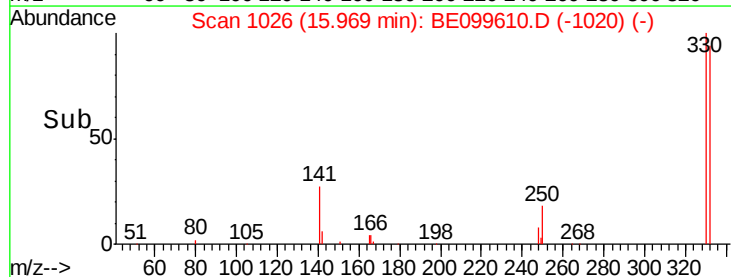
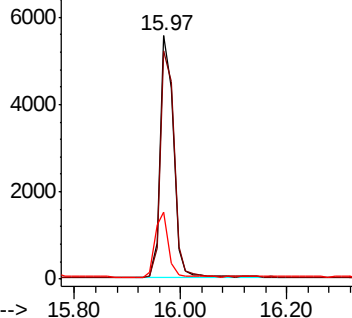


#14
2,4,6-Tribromophenol
Concen: 3.946 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:330 Resp: 9406
Ion Ratio Lower Upper
330 100
332 97.8 73.8 110.8
141 27.6 21.0 31.6



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





#15

2-Fluorobiphenyl

Concen: 3.335 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

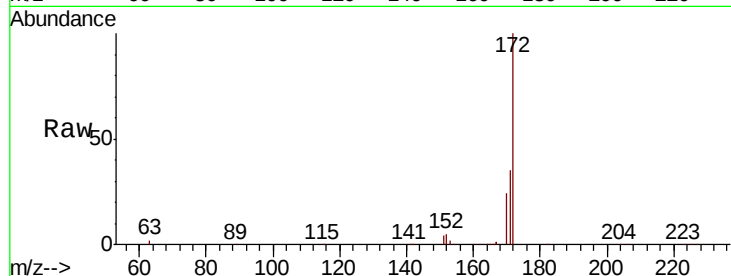
Tot Ion:172 Resp: 51960

Ion Ratio Lower Upper

172 100

171 35.2 29.4 44.2

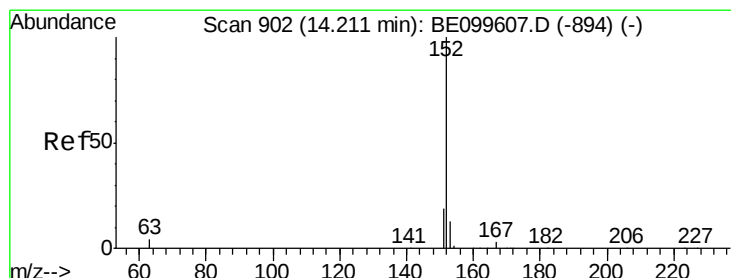
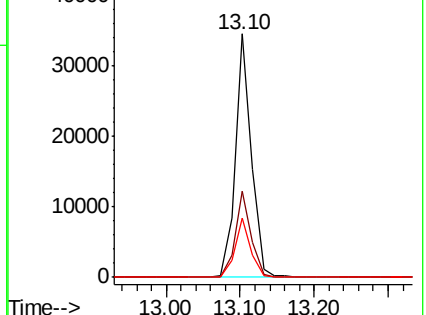
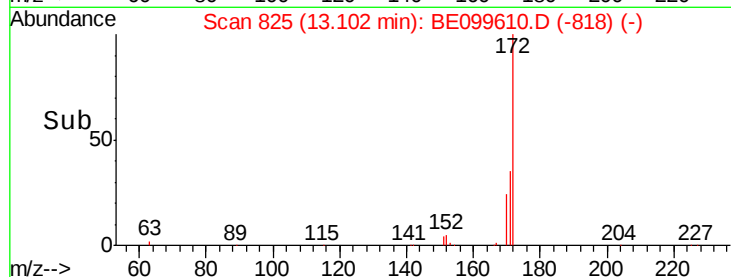
170 24.3 21.5 32.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 3.362 ng

RT: 14.21 min Scan# 902

Delta R.T. 0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

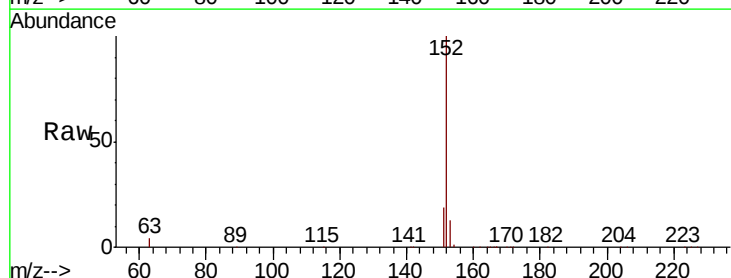
Tgt Ion:152 Resp: 65412

Ion Ratio Lower Upper

152 100

151 20.1 15.6 23.4

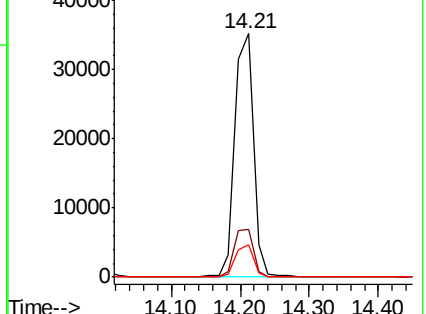
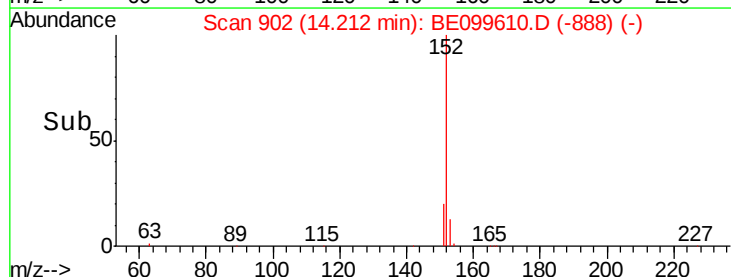
153 12.9 10.4 15.6

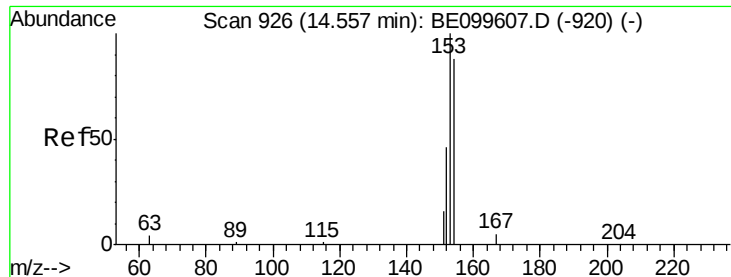


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

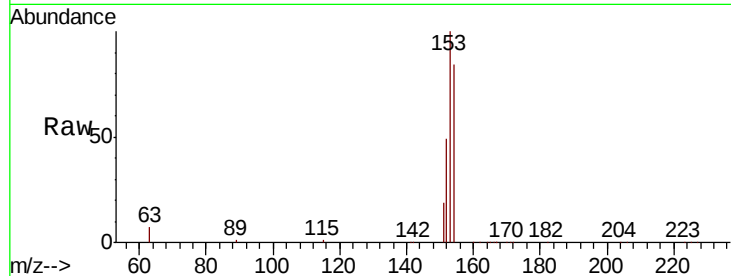




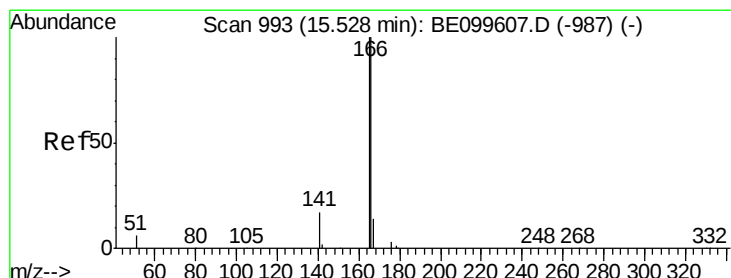
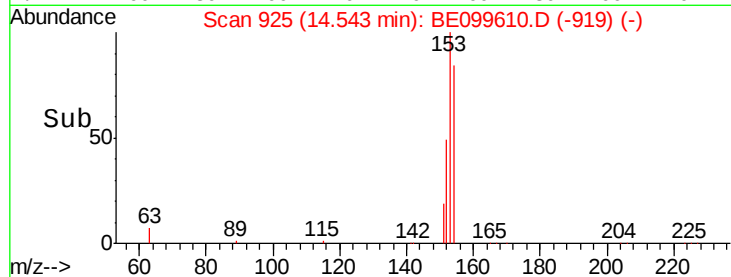
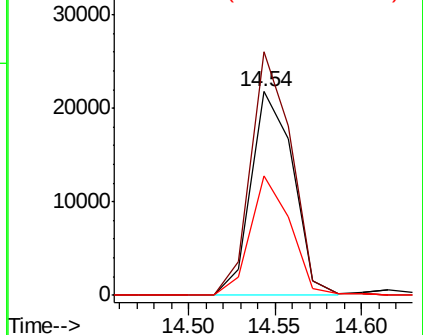
#17
Acenaphthene
Concen: 3.394 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:154 Resp: 36879
Ion Ratio Lower Upper
154 100
153 115.5 94.1 141.1
152 55.7 46.5 69.7

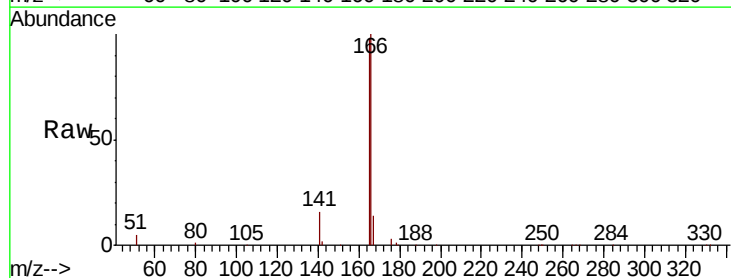


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

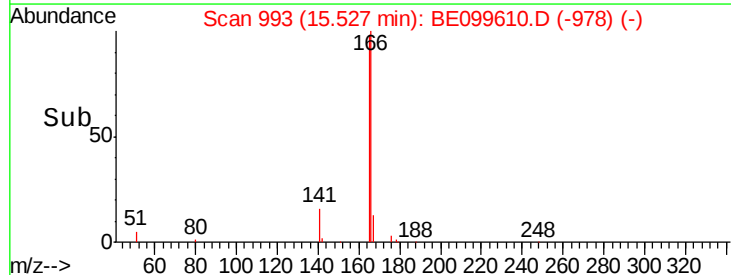
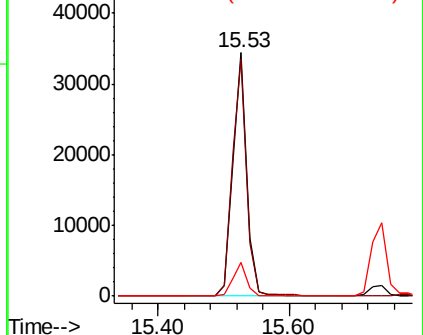


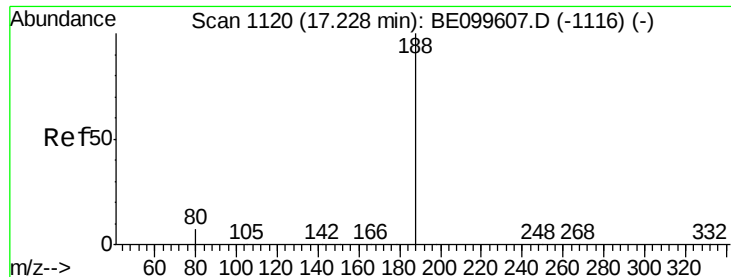
#18
Fluorene
Concen: 3.349 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion:166 Resp: 51909
Ion Ratio Lower Upper
166 100
165 99.5 79.8 119.8
167 13.4 11.2 16.8



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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

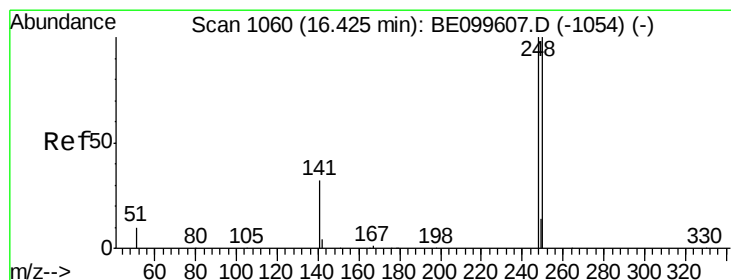
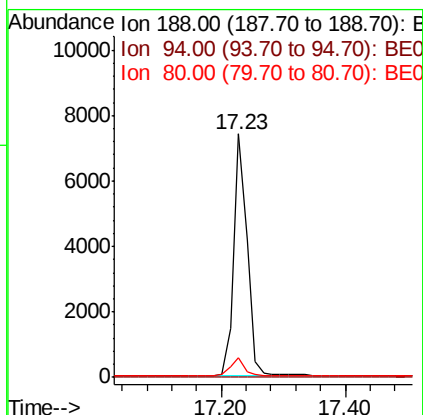
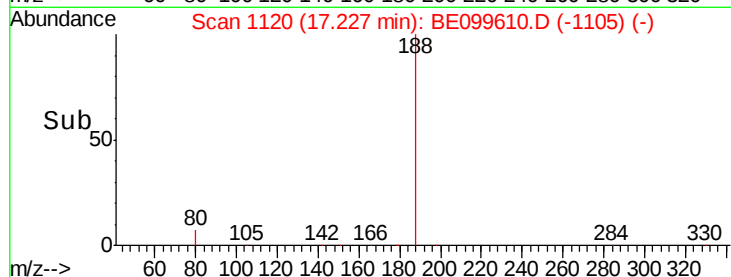
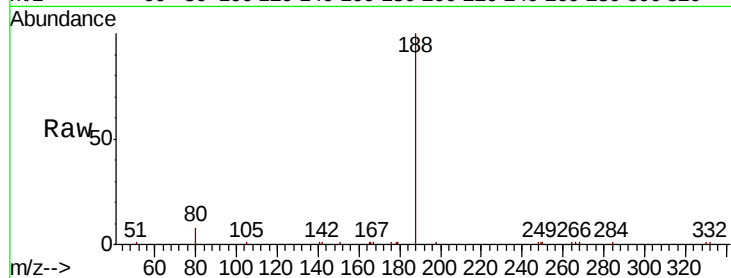
Tot Ion:188 Resp: 11093

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 6.4 9.6



#20

4-Bromophenyl-phenylether

Concen: 3.473 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

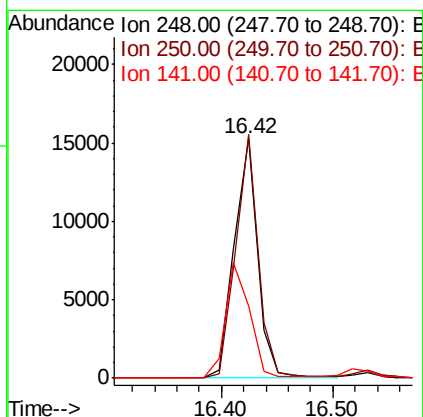
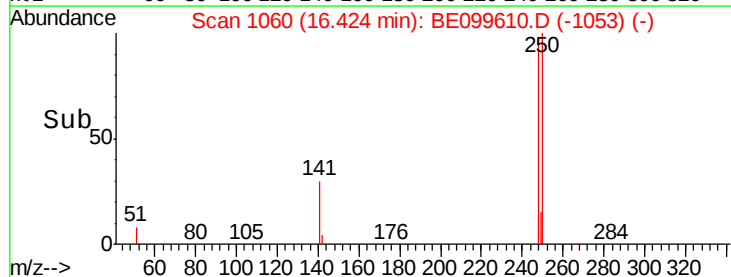
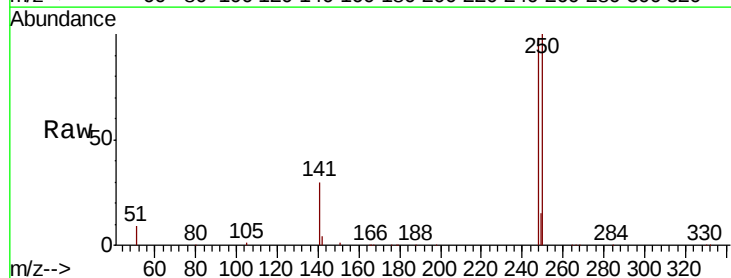
Tgt Ion:248 Resp: 21975

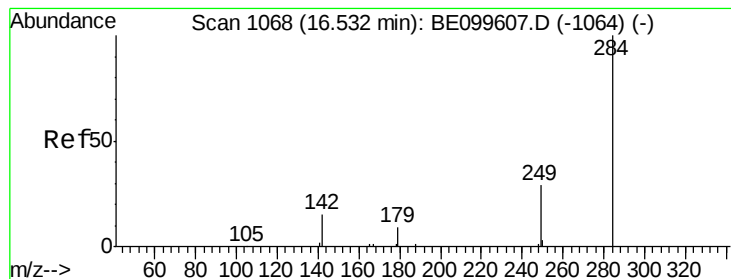
Ion Ratio Lower Upper

248 100

250 101.8 80.4 120.6

141 30.3 27.8 41.8





#21

Hexachlorobenzene

Concen: 3.318 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

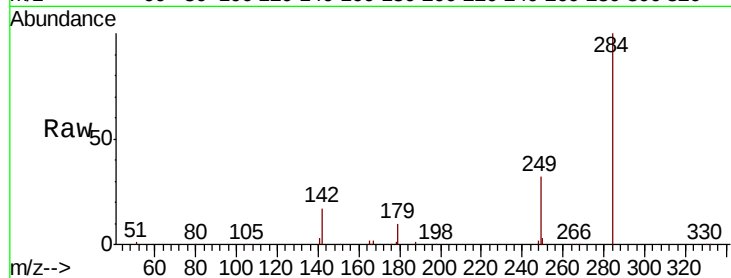
Tot Ion:284 Resp: 21080

Ion Ratio Lower Upper

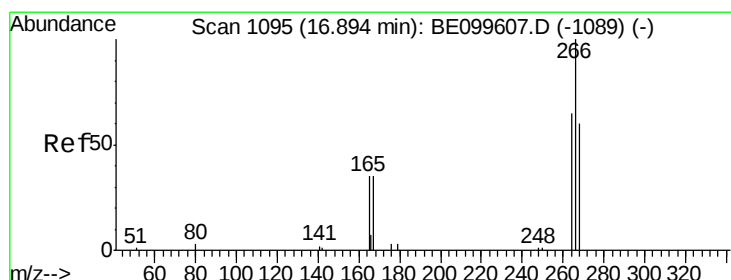
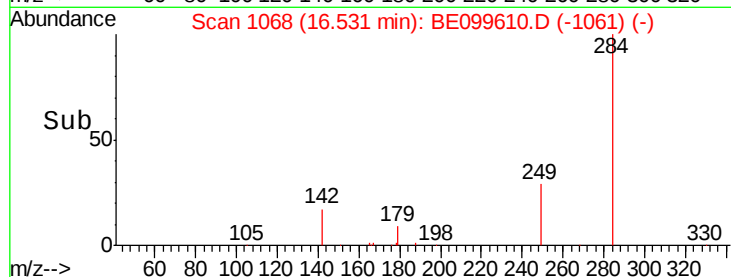
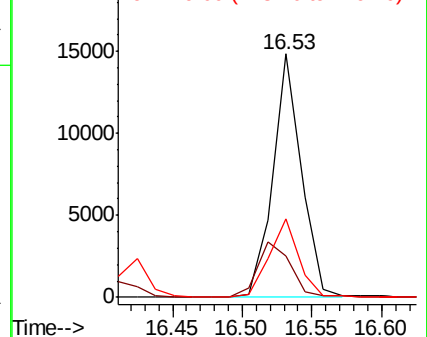
284 100

142 25.4 19.4 29.2

249 32.4 24.6 37.0



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: 4.058 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

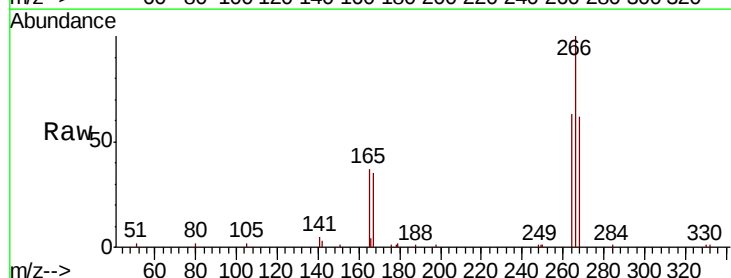
Tgt Ion:266 Resp: 10307

Ion Ratio Lower Upper

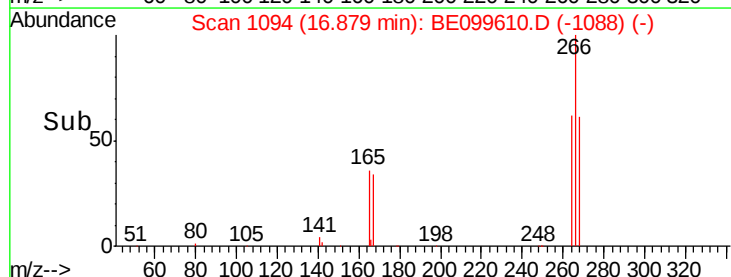
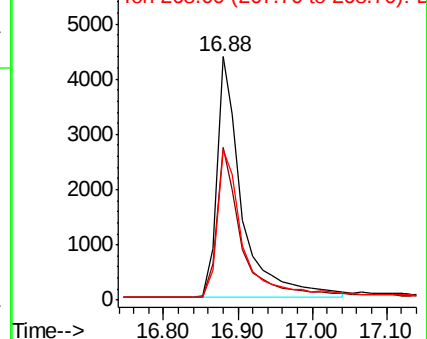
266 100

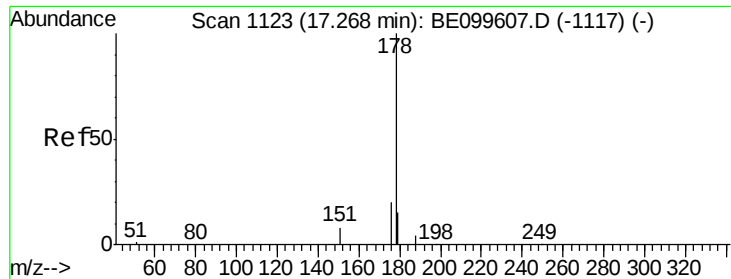
264 62.5 57.7 86.5

268 61.7 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: 3.356 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

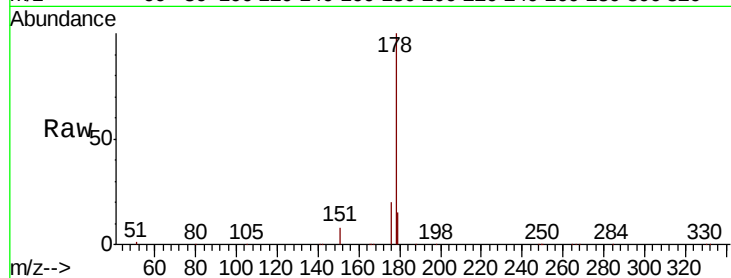
Tot Ion:178 Resp: 92412

Ion Ratio Lower Upper

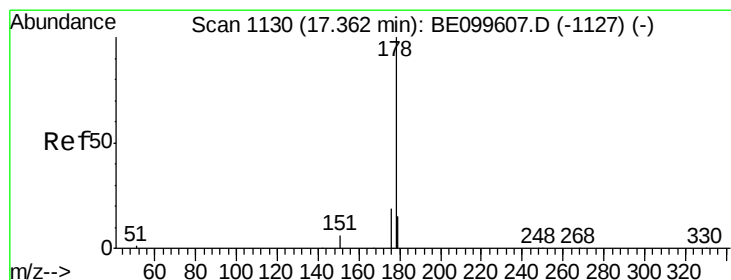
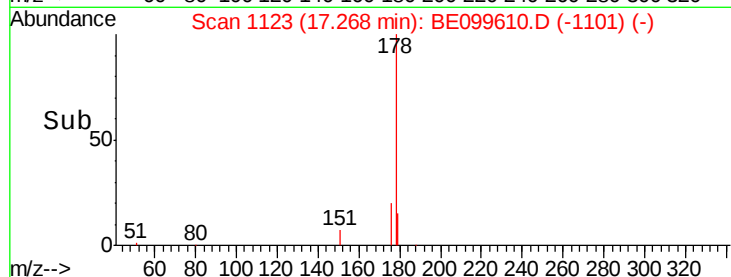
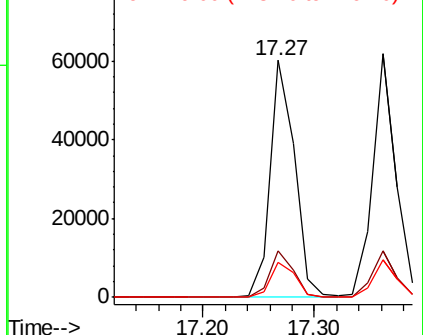
178 100

176 19.2 15.7 23.5

179 15.2 12.2 18.2



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: 3.459 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

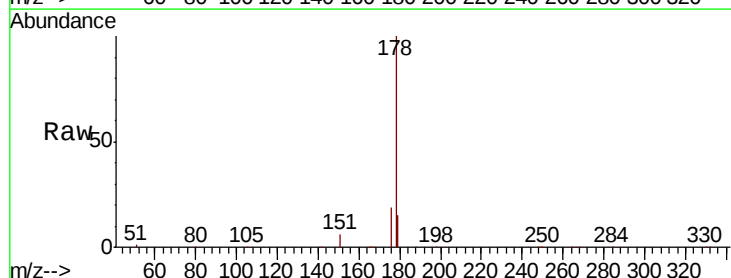
Tgt Ion:178 Resp: 89425

Ion Ratio Lower Upper

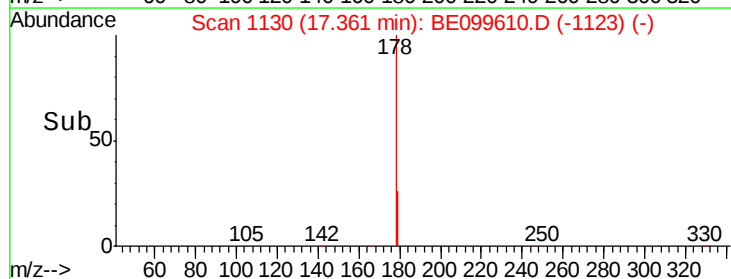
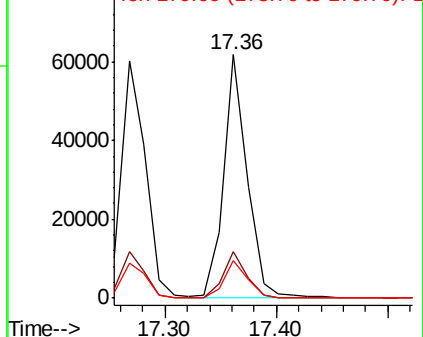
178 100

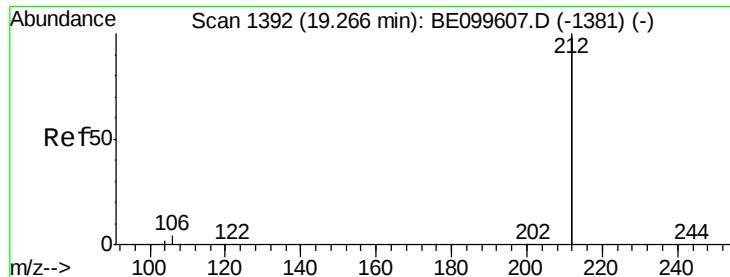
176 19.0 15.2 22.8

179 15.3 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

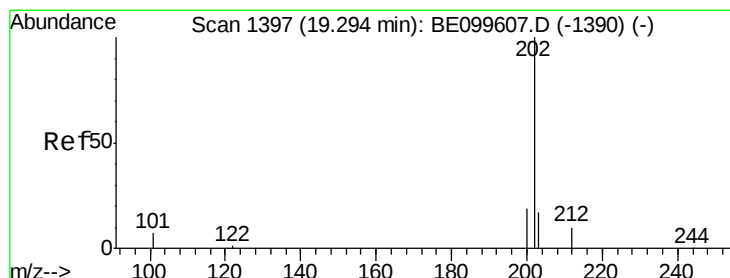
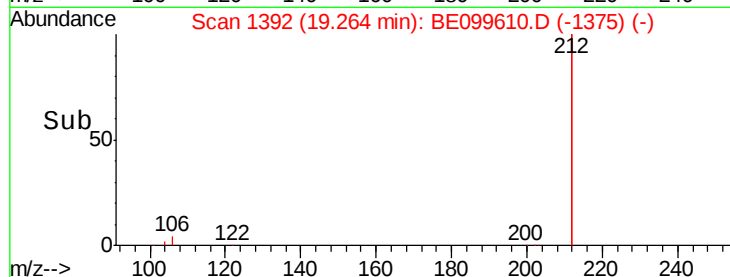
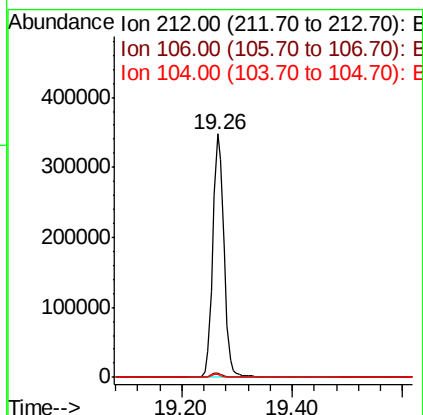
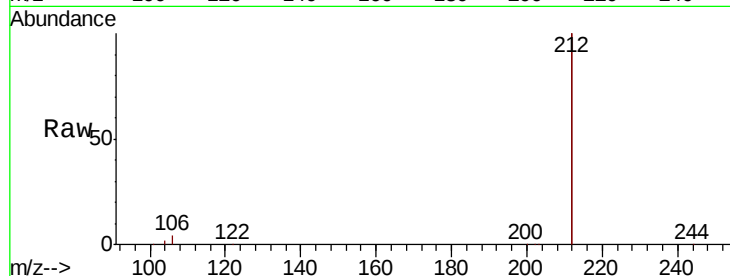




#25
 Fluoranthene-d10
 Concen: 3.330 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: BE099610.D
 Acq: 14 May 2019 18:19

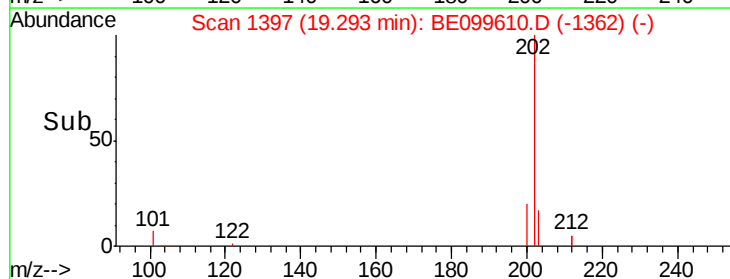
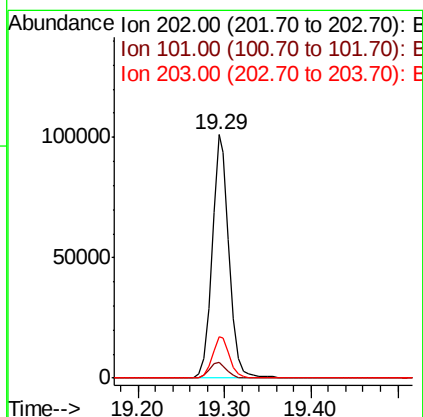
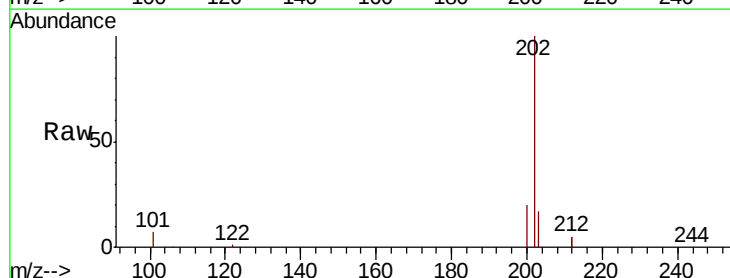
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion:212 Resp: 485784
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.0 0.9 1.3



#26
 Fluoranthene
 Concen: 3.330 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BE099610.D
 Acq: 14 May 2019 18:19

Tgt Ion:202 Resp: 137953
 Ion Ratio Lower Upper
 202 100
 101 6.8 5.0 7.6
 203 17.5 13.7 20.5

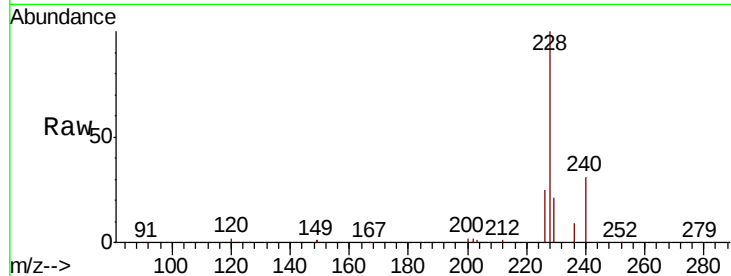




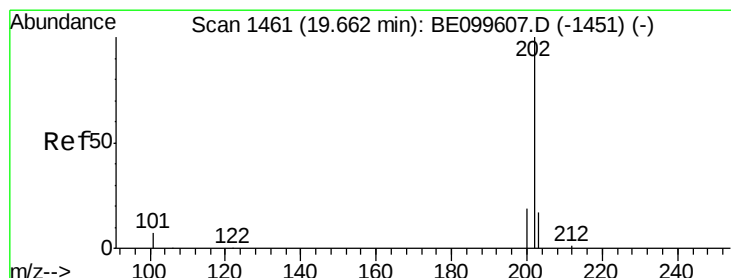
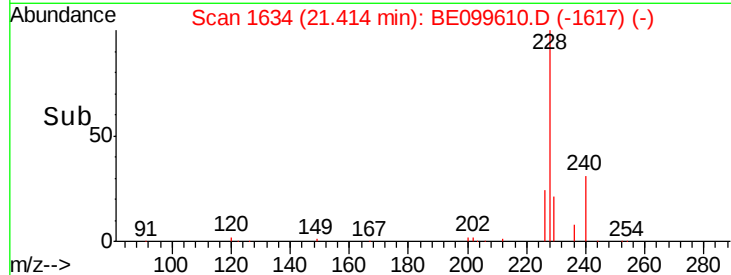
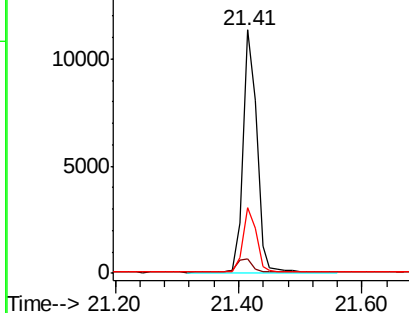
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: BE099610.D
 Acq: 14 May 2019 18:19

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion:240 Resp: 17175
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.7 8.5
 236 27.2 22.8 34.2

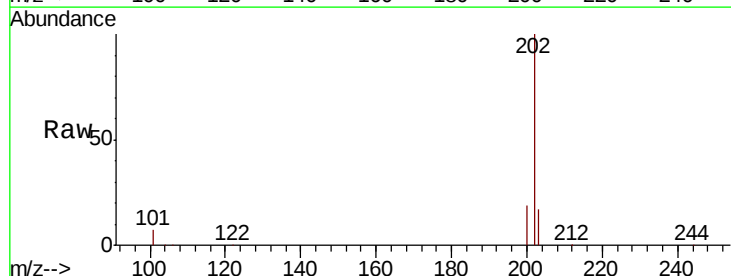


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

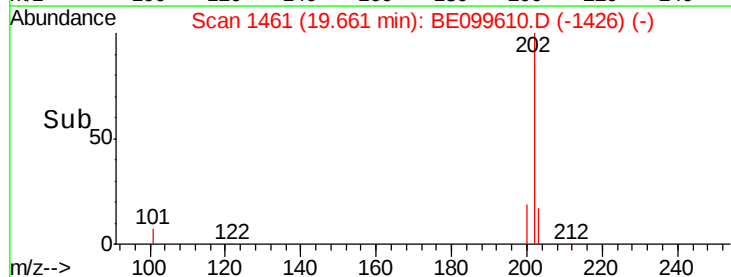
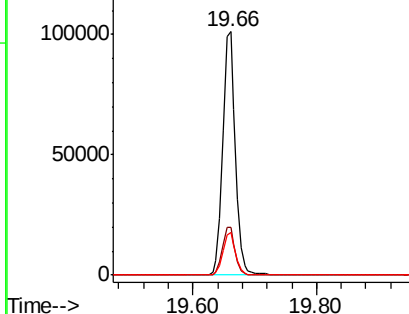


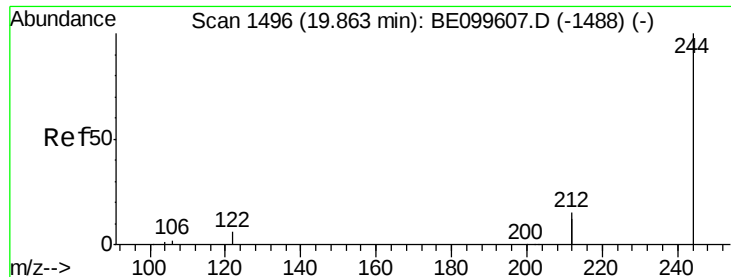
#28
 Pyrene
 Concen: 3.156 ng
 RT: 19.66 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BE099610.D
 Acq: 14 May 2019 18:19

Tgt Ion:202 Resp: 142840
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.8 23.6
 203 17.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.341 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

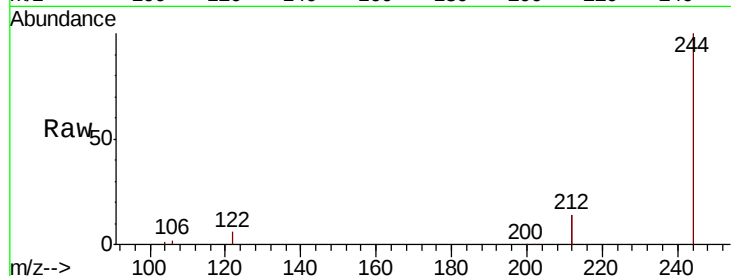
Tot Ion:244 Resp: 101982

Ion Ratio Lower Upper

244 100

212 28.3 23.8 35.6

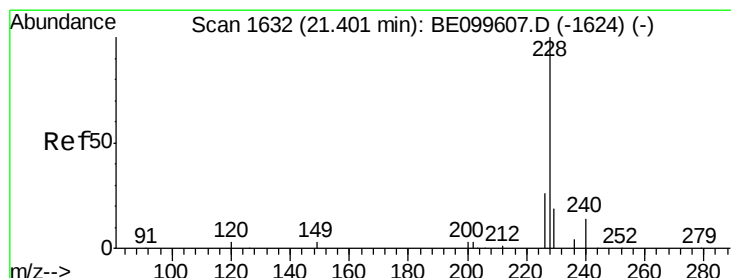
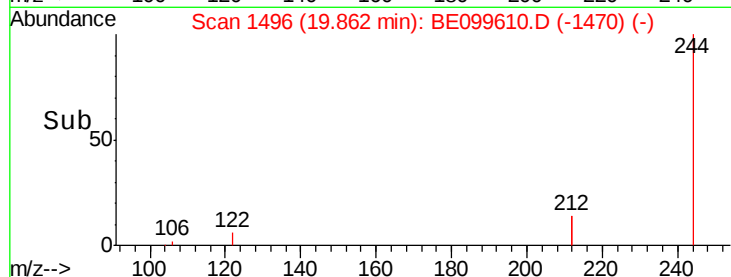
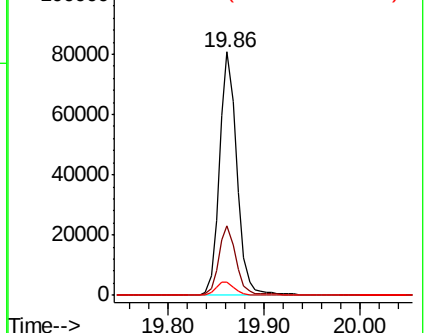
122 5.6 5.0 7.6



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: 3.292 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

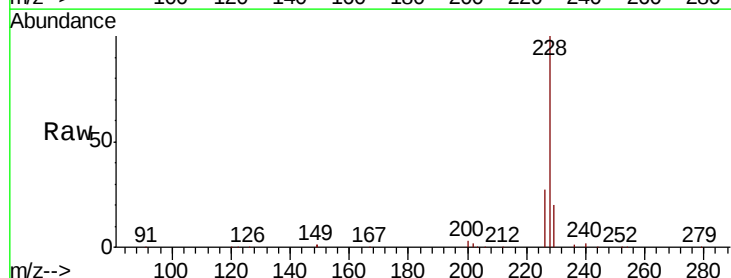
Tgt Ion:228 Resp: 172653

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

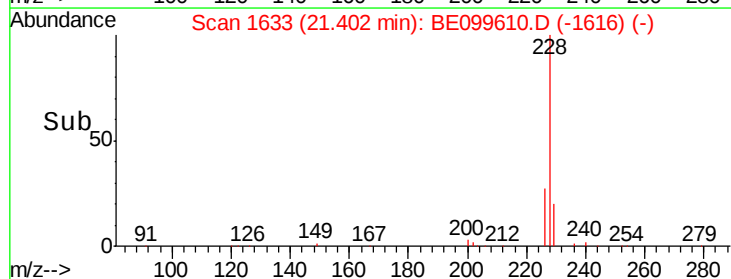
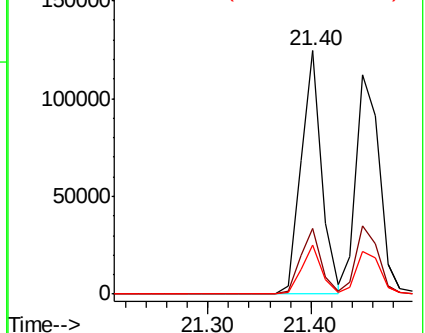
229 20.0 15.8 23.8

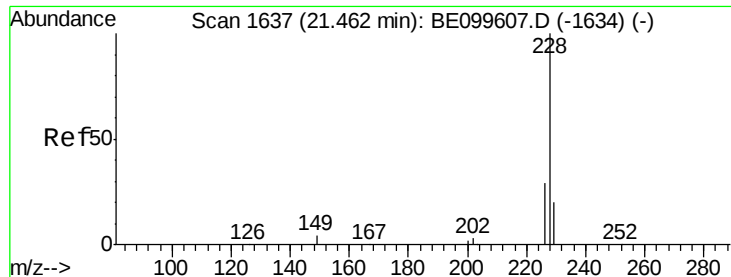


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.326 ng

RT: 21.45 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

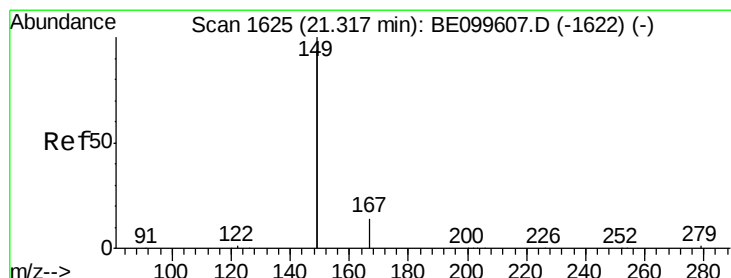
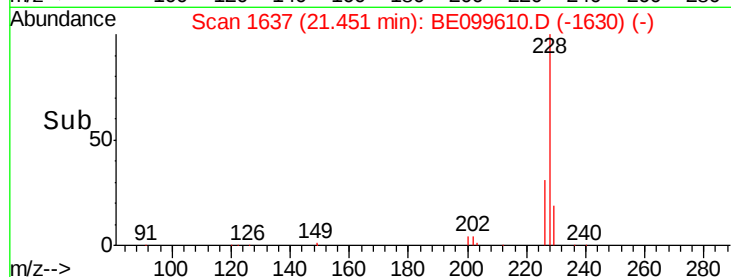
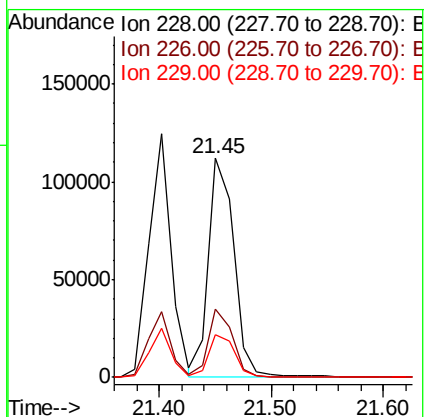
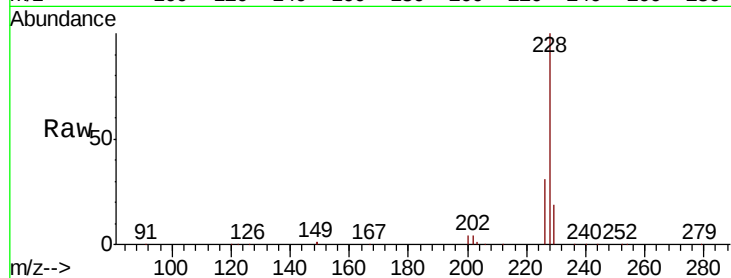
Tot Ion:228 Resp: 174374

Ion Ratio Lower Upper

228 100

226 31.0 23.0 34.4

229 19.4 16.4 24.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 3.232 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

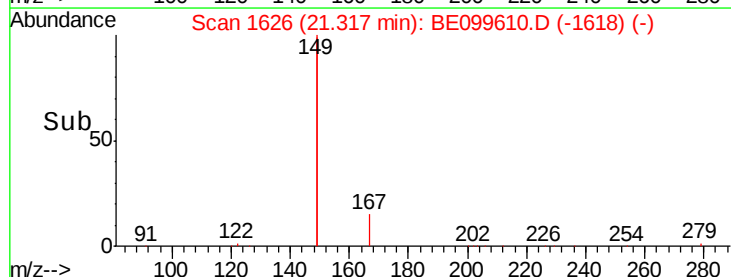
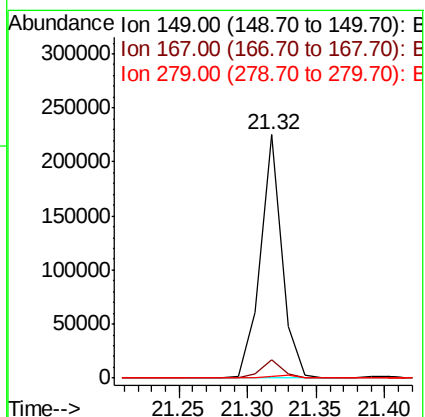
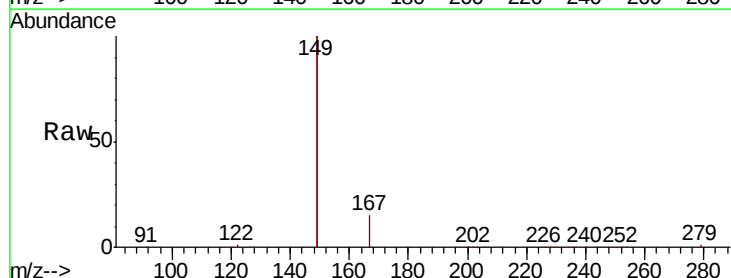
Tgt Ion:149 Resp: 243623

Ion Ratio Lower Upper

149 100

167 7.5 6.0 9.0

279 1.4 1.1 1.7

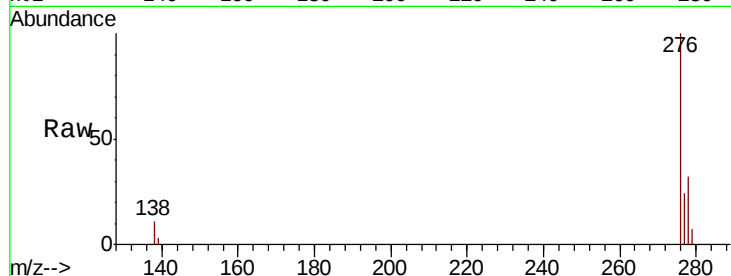




#33
Indeno(1,2,3-cd)pyrene
Concen: 3.337 ng
RT: 26.65 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.4	10.0	15.0
277	24.8	19.1	28.7

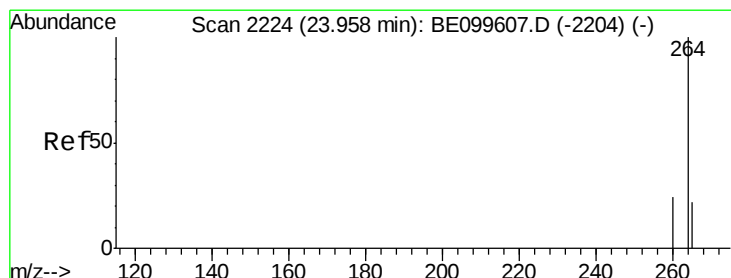
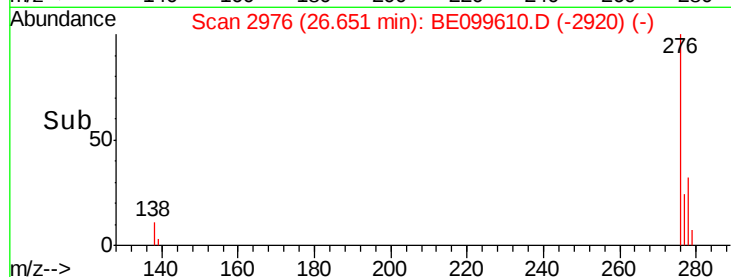
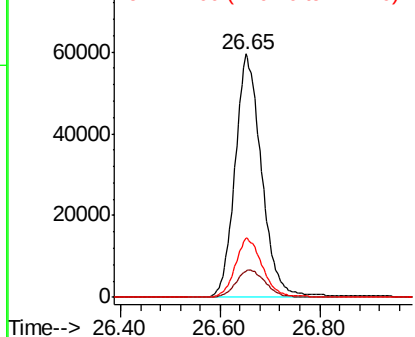


Abundance

Ion 276.00 (275.70 to 276.70): E

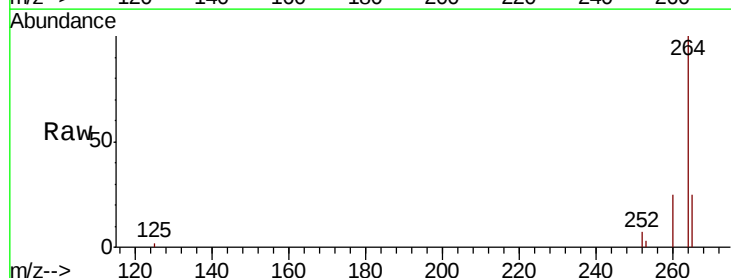
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2226
Delta R.T. 0.00 min
Lab File: BE099610.D
Acq: 14 May 2019 18:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	24.9	21.2	31.8

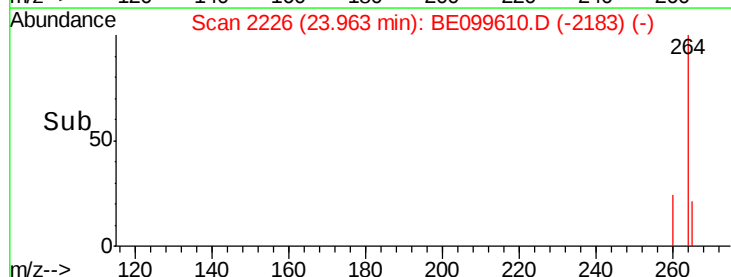
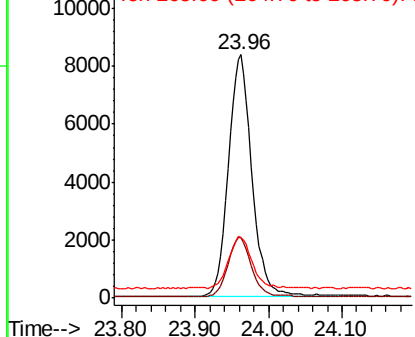


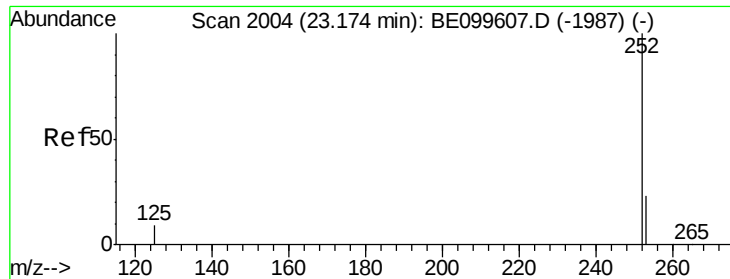
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.329 ng

RT: 23.17 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

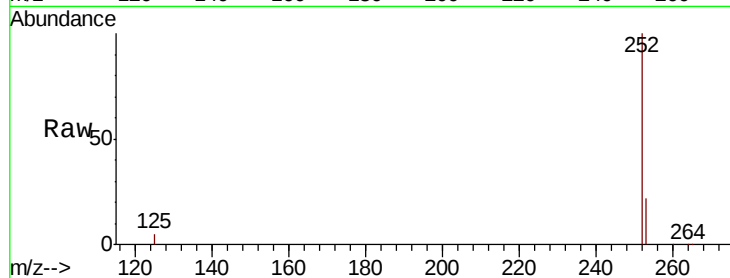
Tot Ion:252 Resp: 172058

Ion Ratio Lower Upper

252 100

253 21.9 19.1 28.7

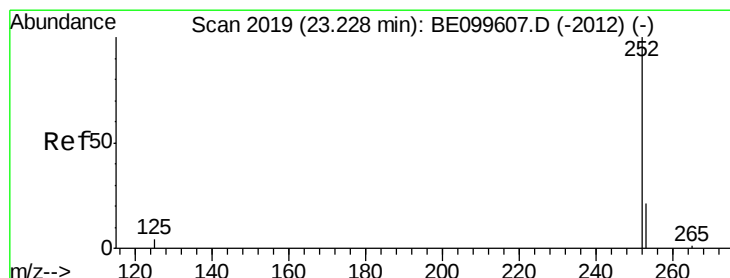
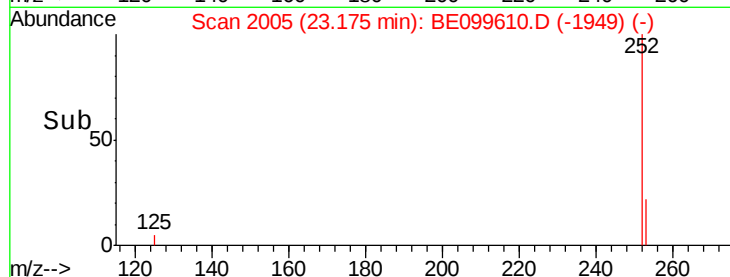
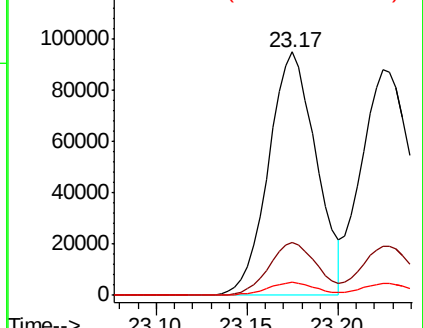
125 5.3 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 3.349 ng

RT: 23.17 min Scan# 2005

Delta R.T. -0.05 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

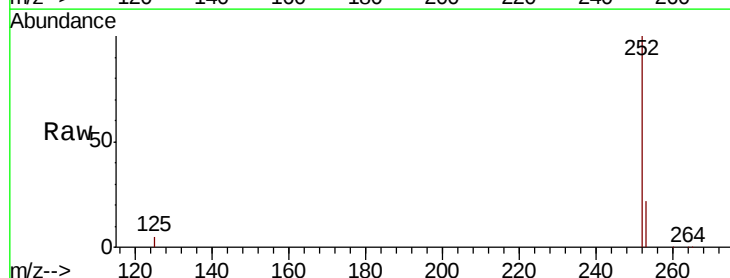
Tgt Ion:252 Resp: 172058

Ion Ratio Lower Upper

252 100

253 21.9 18.6 28.0

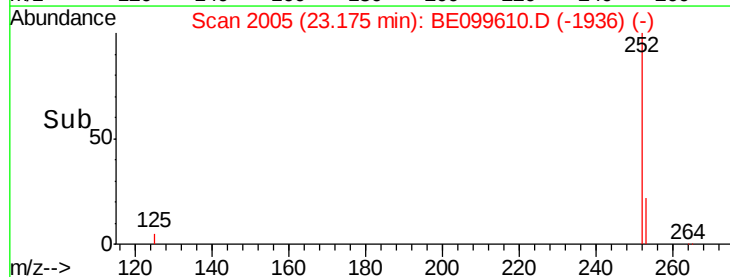
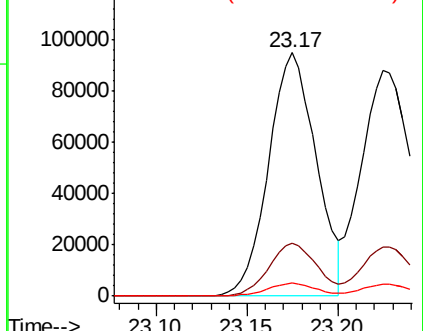
125 5.3 5.2 7.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.330 ng

RT: 23.84 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

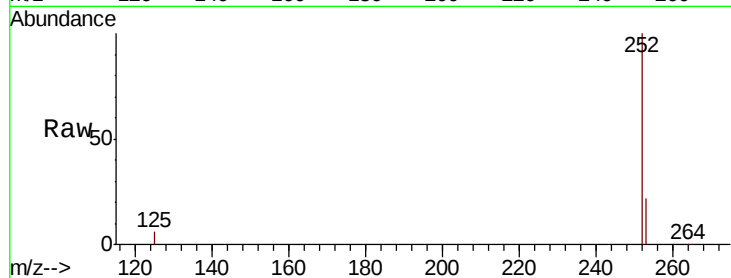
Tot Ion:252 Resp: 166735

Ion Ratio Lower Upper

252 100

253 22.0 19.0 28.6

125 5.7 8.8 13.2#

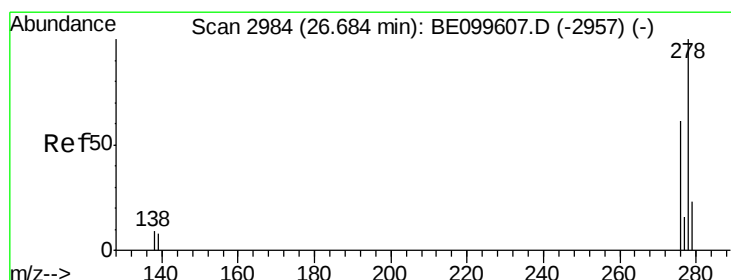
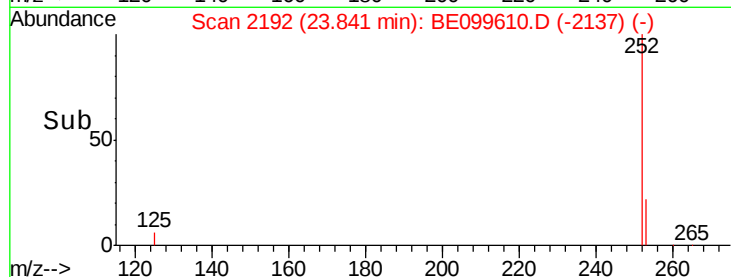
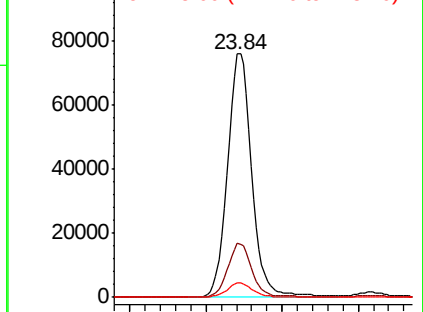


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 3.456 ng

RT: 26.68 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

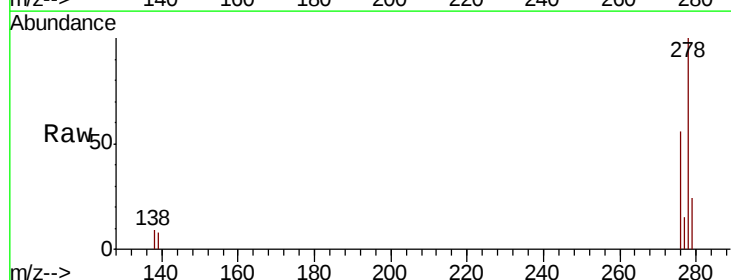
Tgt Ion:278 Resp: 180881

Ion Ratio Lower Upper

278 100

139 8.2 7.9 11.9

279 23.6 19.5 29.3

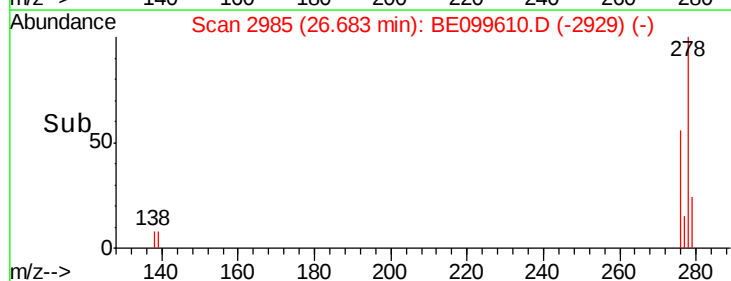
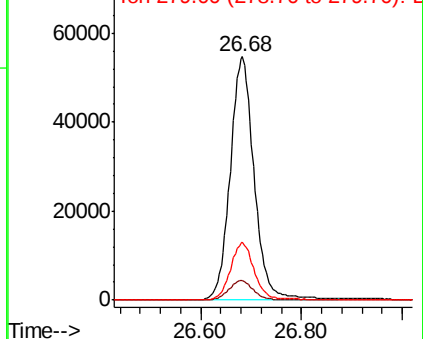


Abundance

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: 3.368 ng

RT: 27.49 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE099610.D

Acq: 14 May 2019 18:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

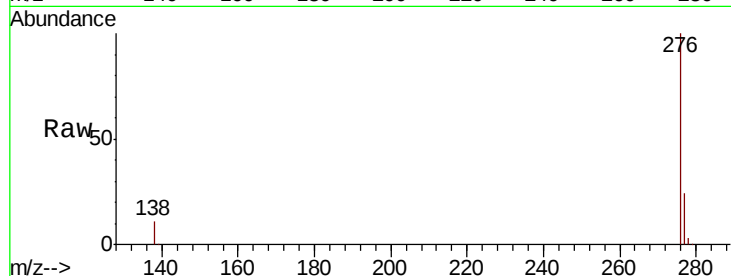
Tot Ion:276 Resp: 178425

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 10.6 9.1 13.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

