

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099560.D
 Acq On : 7 May 2019 10:49
 Operator : JU/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: May 07 13:44:45 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	1819	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	6630	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4894	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	13938	0.40	ng	0.00
27) Chrysene-d12	21.43	240	18601	0.40	ng	0.00
34) Perylene-d12	23.98	264	21688	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	1810	0.36	ng	0.00
5) Phenol-d6	6.98	99	2424	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	2284	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4127	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1120	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	6475	0.35	ng	0.00
25) Fluoranthene-d10	19.28	212	66606	0.35	ng	0.00
29) Terphenyl-d14	19.87	244	13564	0.40	ng	0.00

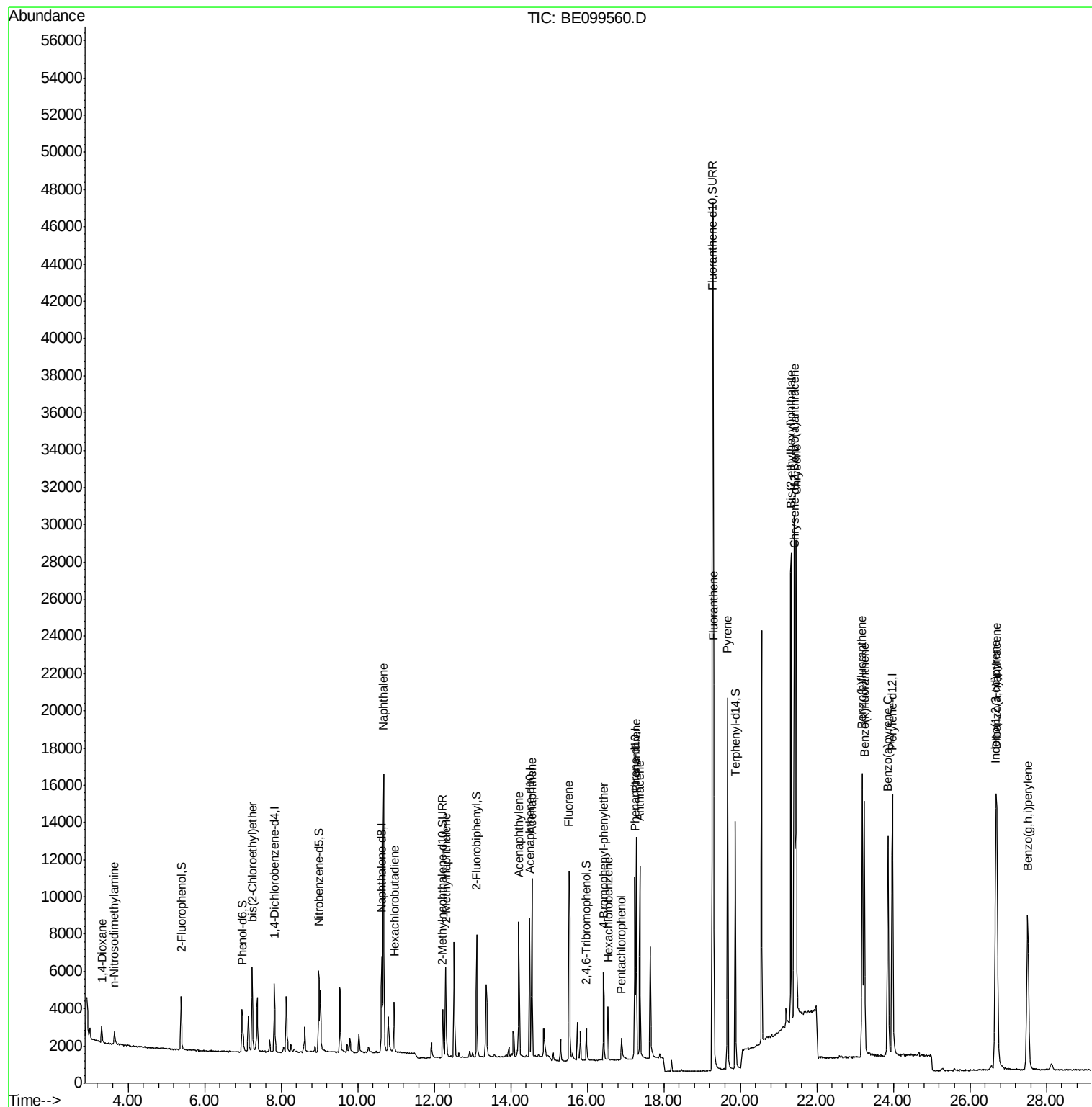
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	844	0.337	ng	100
3) n-Nitrosodimethylamine	3.64	42	614	0.407	ng	# 98
6) bis(2-Chloroethyl)ether	7.24	93	1972	0.342	ng	100
9) Naphthalene	10.68	128	25381	0.351	ng	100
10) Hexachlorobutadiene	10.95	225	1838	0.366	ng	100
12) 2-Methylnaphthalene	12.31	142	4348	0.346	ng	100
16) Acenaphthylene	14.21	152	8334	0.348	ng	100
17) Acenaphthene	14.56	154	4715	0.345	ng	100
18) Fluorene	15.53	166	6768	0.335	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	2784	0.343	ng	100
21) Hexachlorobenzene	16.55	284	2848	0.368	ng	100
22) Pentachlorophenol	16.89	266	1043	0.299	ng	100
23) Phenanthrene	17.28	178	12383	0.344	ng	100
24) Anthracene	17.38	178	11600	0.338	ng	100
26) Fluoranthene	19.31	202	18973	0.352	ng	100
28) Pyrene	19.67	202	19685	0.406	ng	100
30) Benzo(a)anthracene	21.41	228	22642	0.382	ng	100
31) Chrysene	21.46	228	22711	0.392	ng	100
32) Bis(2-ethylhexyl)phthalate	21.33	149	35594	0.345	ng	100
33) Indeno(1,2,3-cd)pyrene	26.68	276	26627	0.388	ng	100
35) Benzo(b)fluoranthene	23.19	252	21846	0.349	ng	100
36) Benzo(k)fluoranthene	23.24	252	21353	0.354	ng	100
37) Benzo(a)pyrene	23.86	252	20948	0.354	ng	100
38) Dibenzo(a,h)anthracene	26.71	278	21621	0.358	ng	100
39) Benzo(g,h,i)perylene	27.51	276	21969	0.363	ng	100

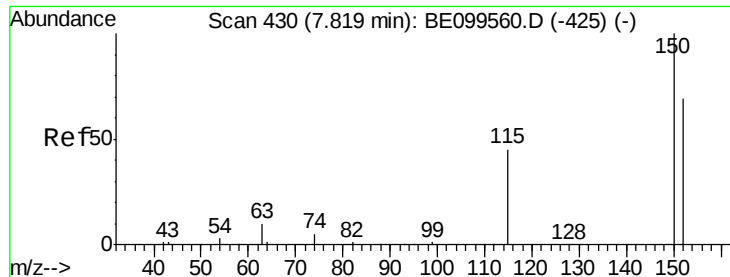
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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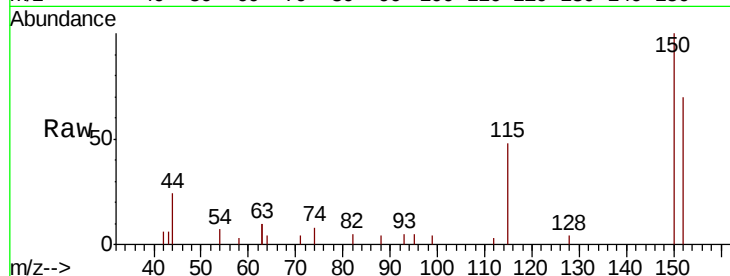


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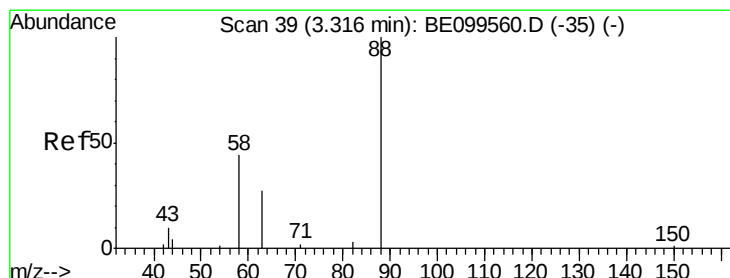
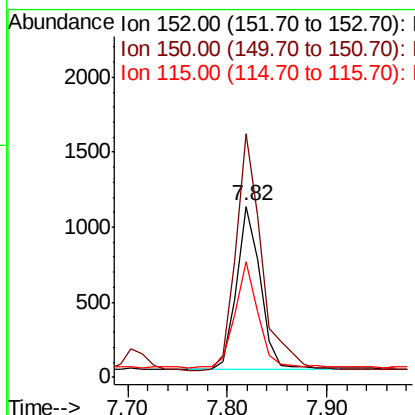
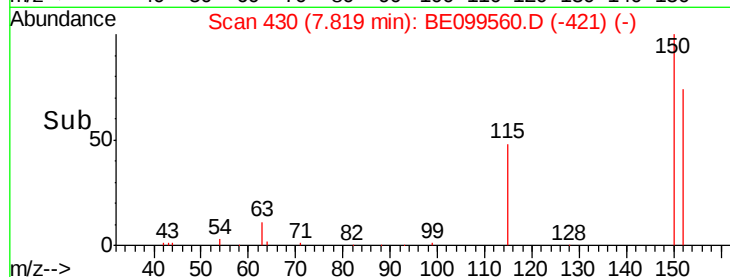
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 1819
Ion Ratio Lower Upper
152 100
150 142.2 113.8 170.6
115 67.7 54.2 81.2



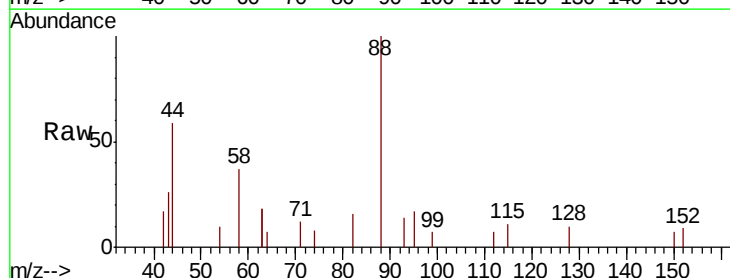
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



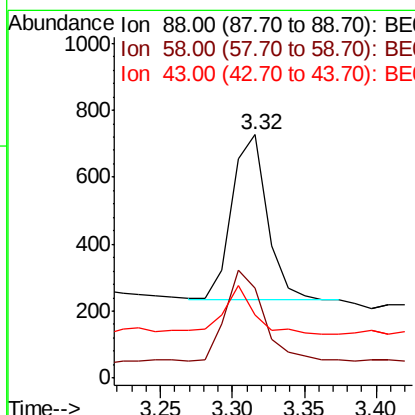
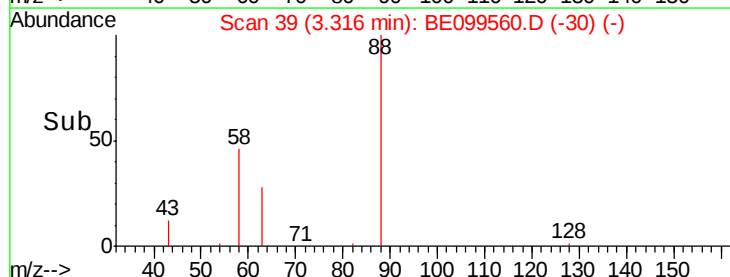
#2

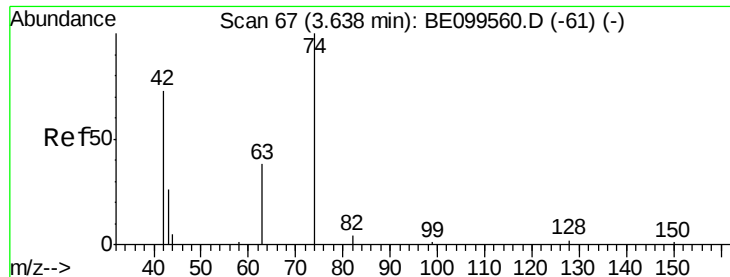
1,4-Dioxane
Concen: 0.337 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion: 88 Resp: 844
Ion Ratio Lower Upper
88 100
58 58.2 46.6 69.8
43 25.4 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



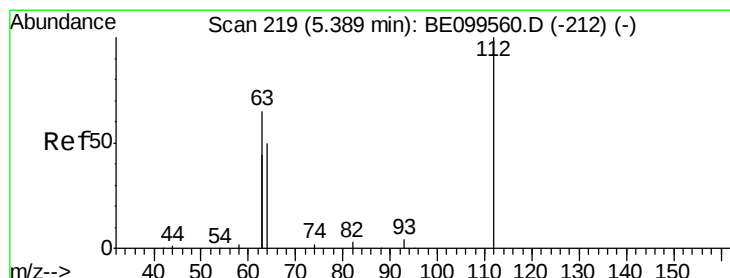
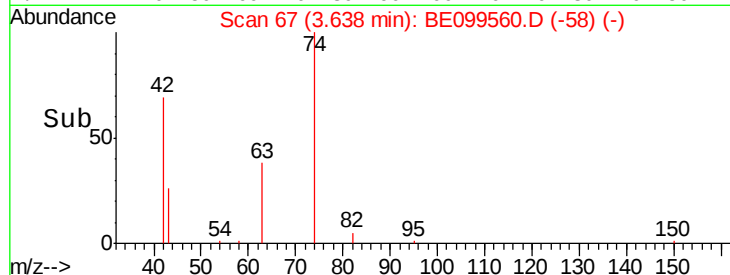
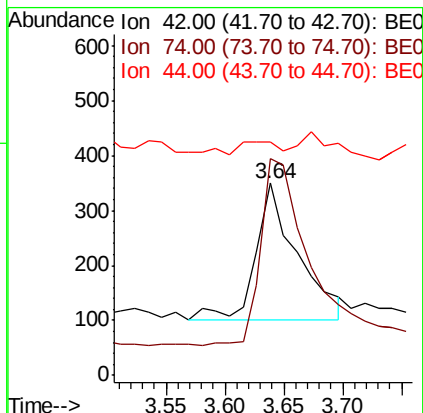
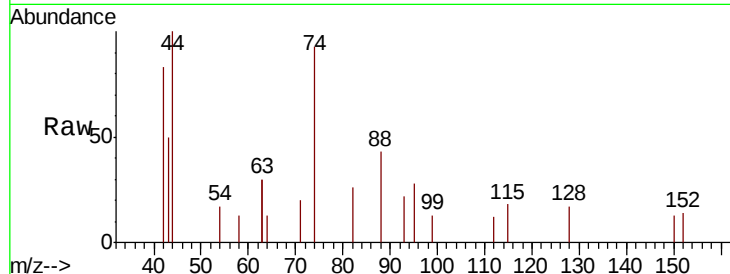


#3

n-Nitrosodimethylamine
 Concen: 0.407 ng
 RT: 3.64 min Scan# 67
 Delta R.T. 0.00 min
 Lab File: BE099560.D
 Acq: 7 May 2019 10:49

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

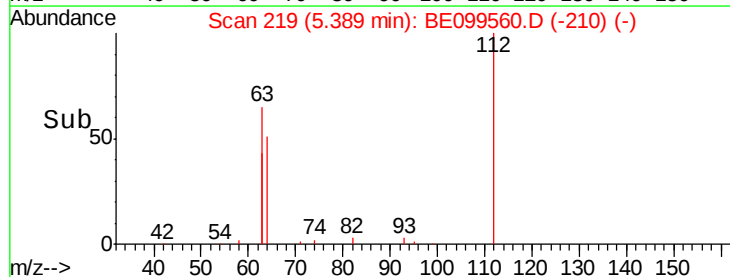
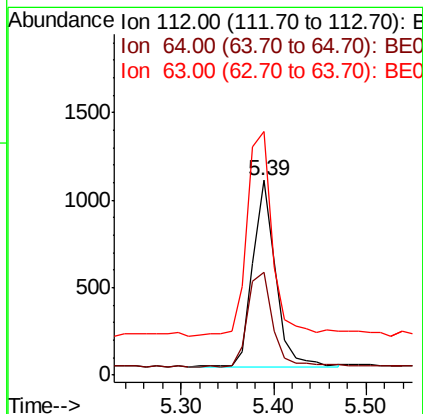
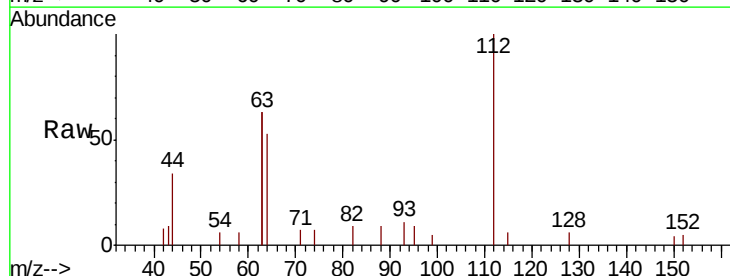
Tot Ion: 42 Resp: 614
 Ion Ratio Lower Upper
 42 100
 74 148.5 121.3 181.9
 44 0.0 0.0 0.0

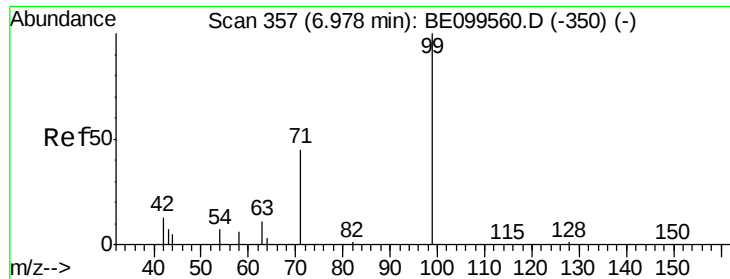


#4

2-Fluorophenol
 Concen: 0.360 ng
 RT: 5.39 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: BE099560.D
 Acq: 7 May 2019 10:49

Tgt Ion: 112 Resp: 1810
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.3 69.5
 63 124.5 99.6 149.4





#5

Phenol-d6

Concen: 0.362 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

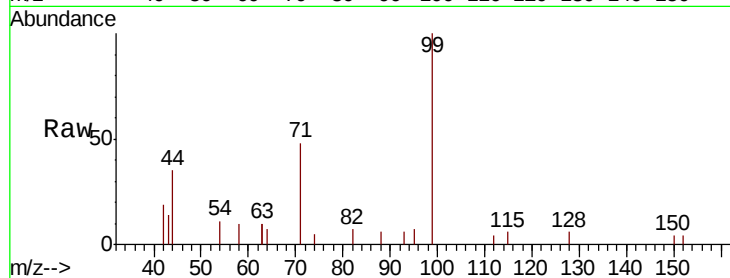
Tot Ion: 99 Resp: 2424

Ion Ratio Lower Upper

99 100

42 16.7 13.4 20.0

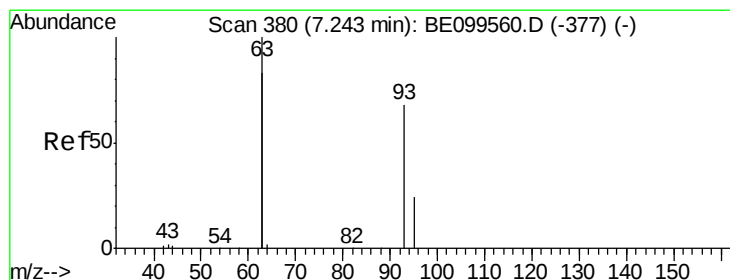
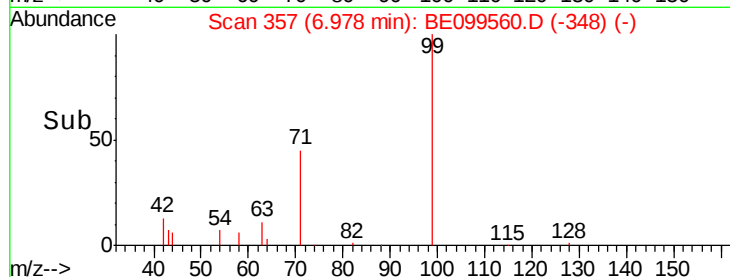
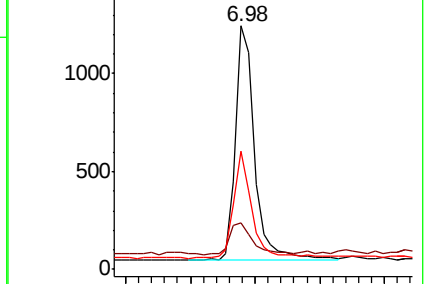
71 42.7 34.2 51.2



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: 0.342 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

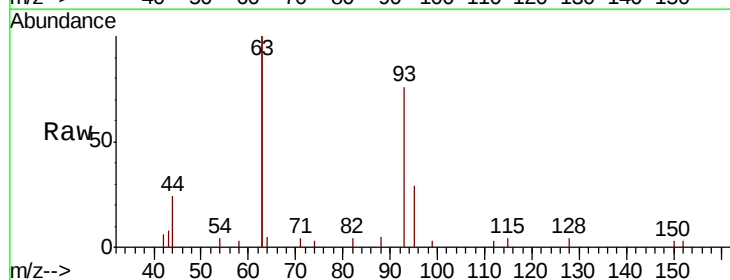
Tgt Ion: 93 Resp: 1972

Ion Ratio Lower Upper

93 100

63 261.2 209.0 313.4

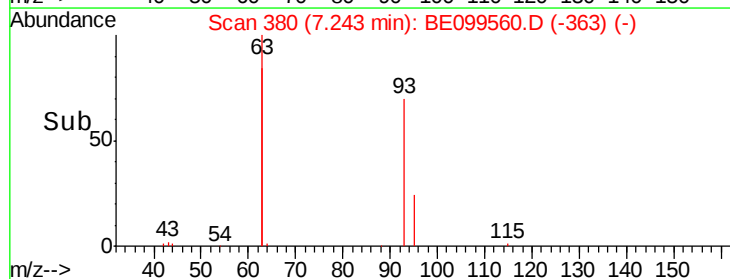
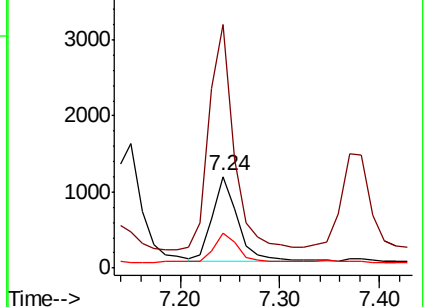
95 33.6 26.9 40.3

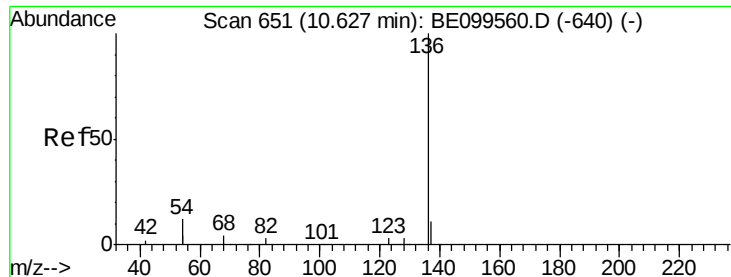


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 6630

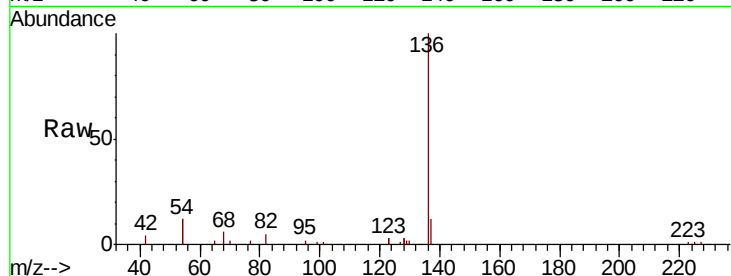
Ion Ratio Lower Upper

136 100

137 12.5 10.0 15.0

54 23.3 18.6 28.0

68 5.7 4.6 6.8

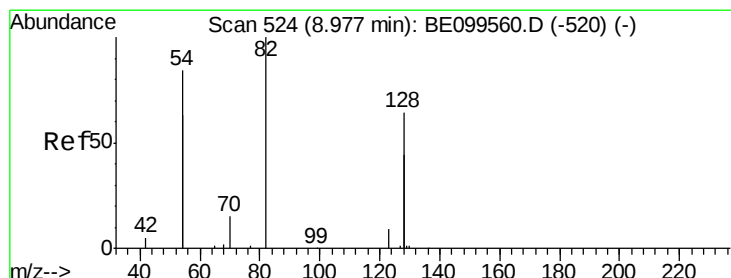
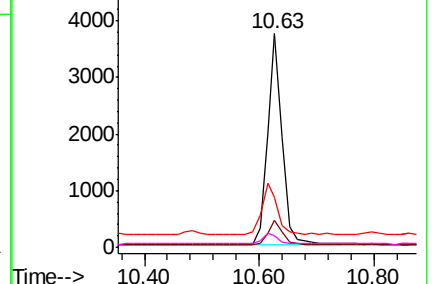
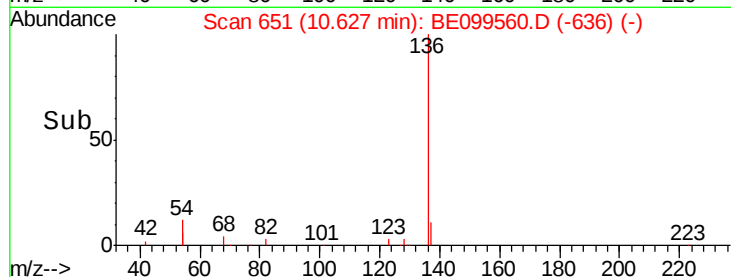


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

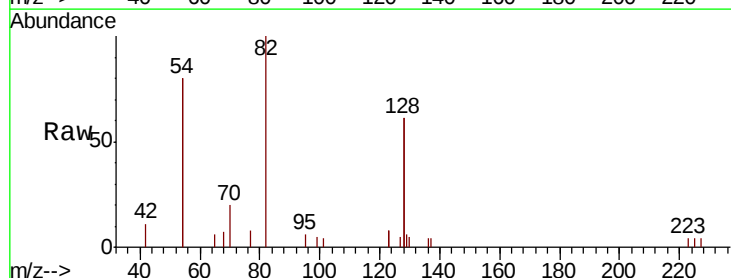
Tgt Ion: 82 Resp: 2284

Ion Ratio Lower Upper

82 100

128 122.0 97.6 146.4

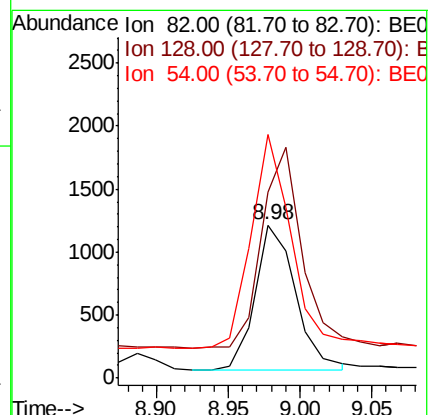
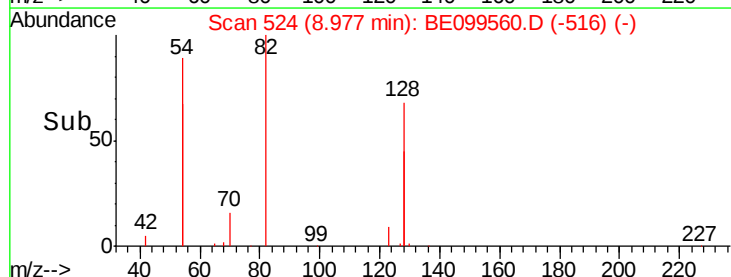
54 159.3 127.4 191.2

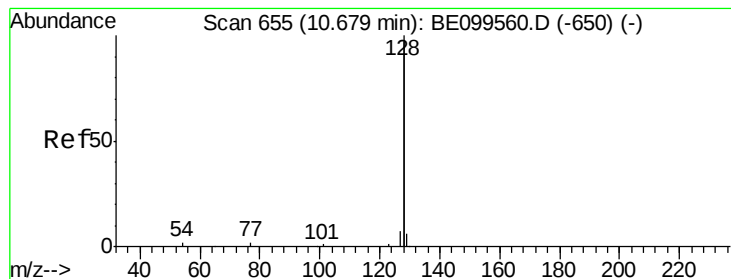


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.351 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

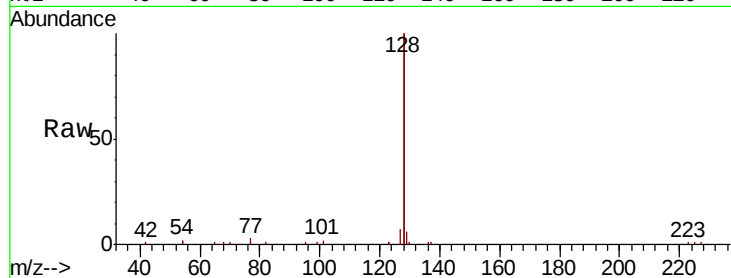
Tot Ion:128 Resp: 25381

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

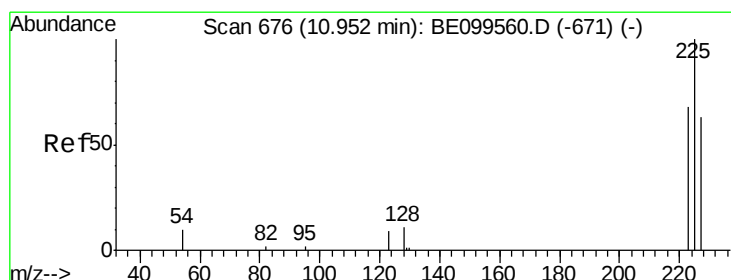
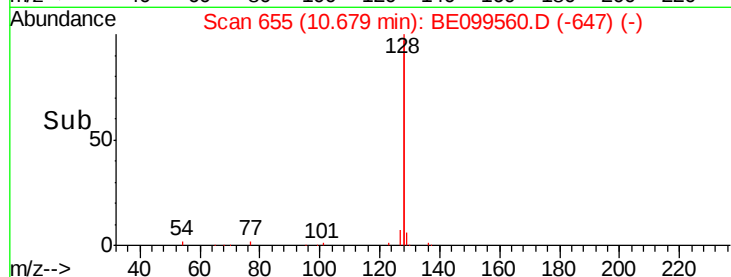
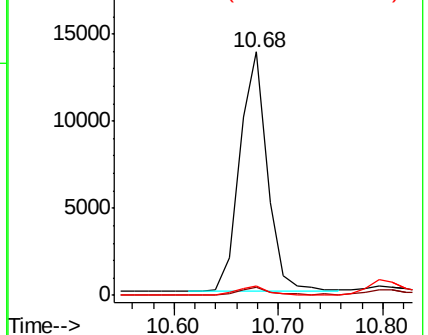
127 3.7 3.0 4.4



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: 0.366 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

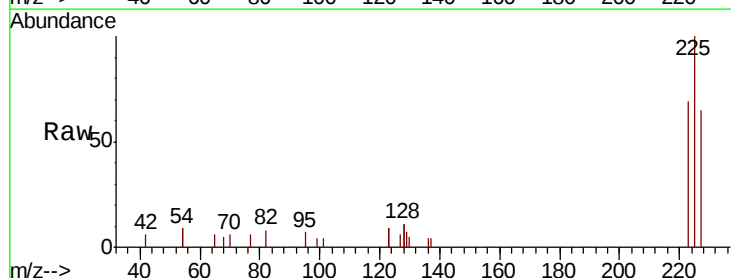
Tgt Ion:225 Resp: 1838

Ion Ratio Lower Upper

225 100

223 66.3 53.0 79.6

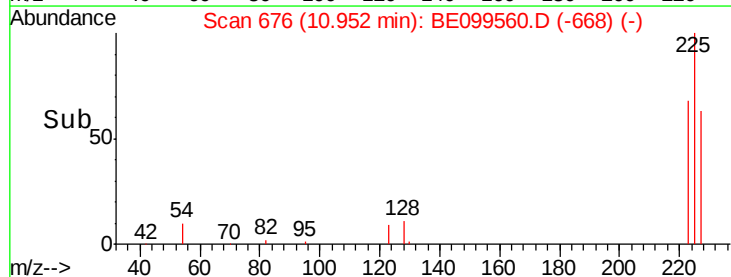
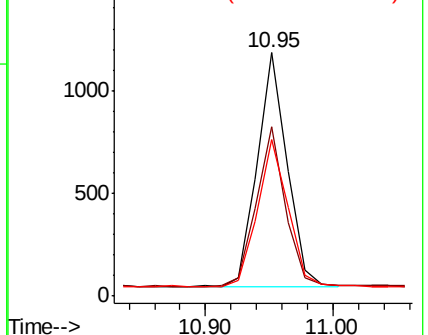
227 64.2 51.4 77.0

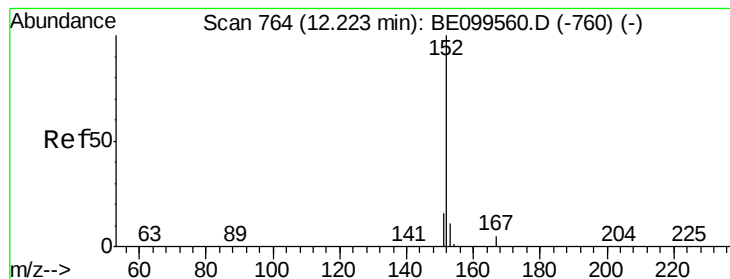


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.345 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

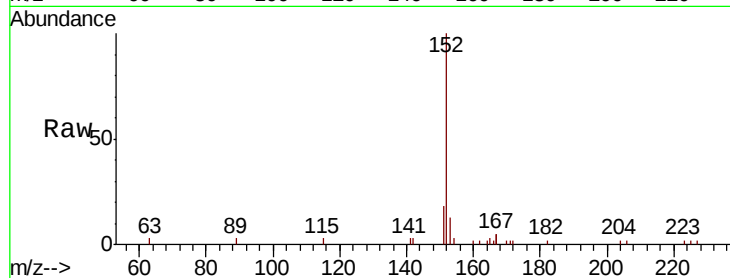
SSTDICCC0.4

Tot Ion:152 Resp: 4127

Ion Ratio Lower Upper

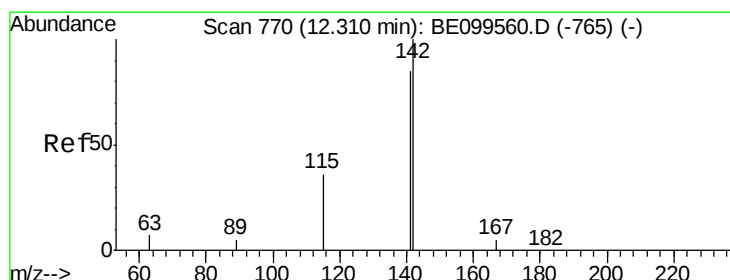
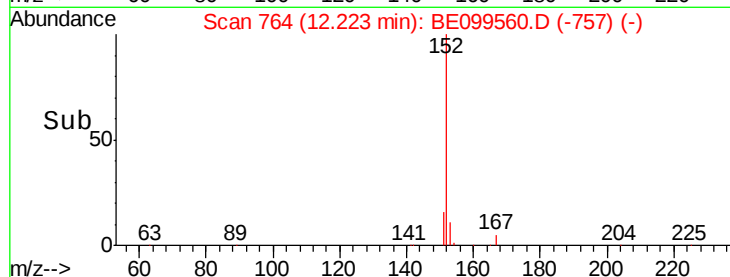
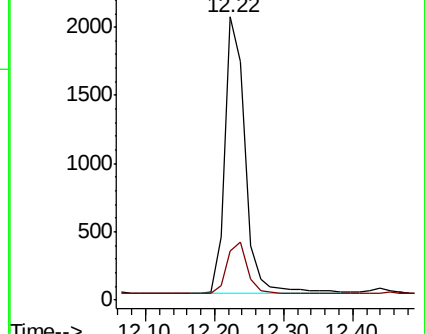
152 100

151 19.8 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.346 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

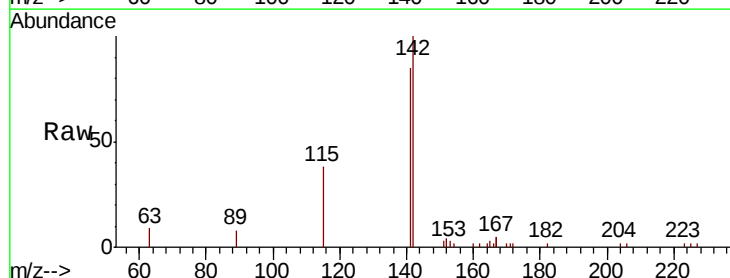
Tgt Ion:142 Resp: 4348

Ion Ratio Lower Upper

142 100

141 85.1 68.1 102.1

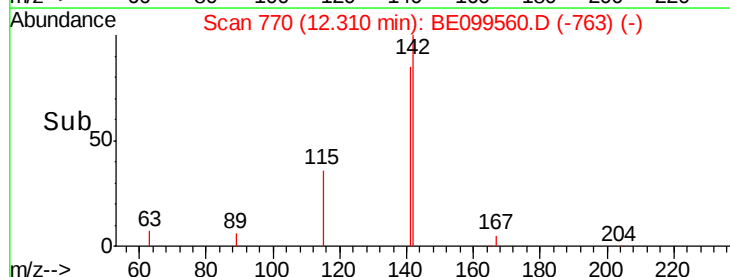
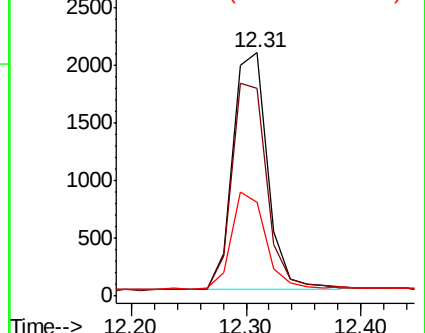
115 38.5 30.8 46.2

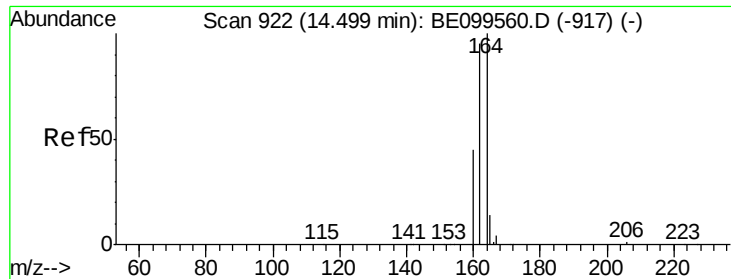


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

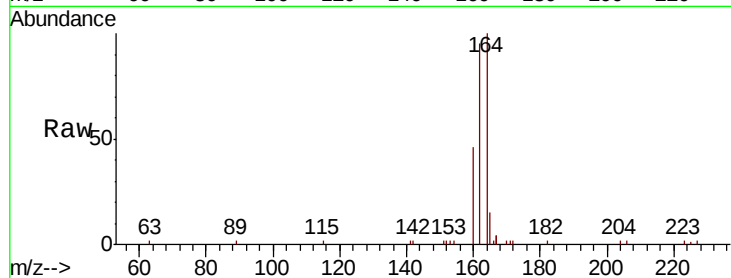




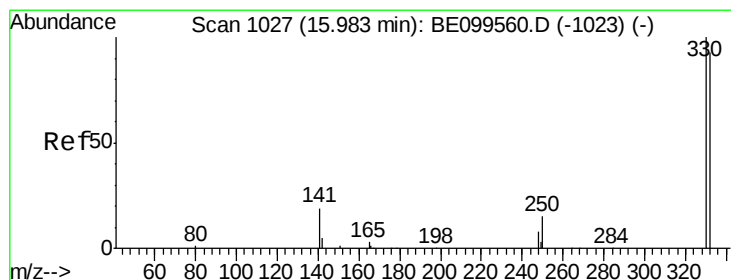
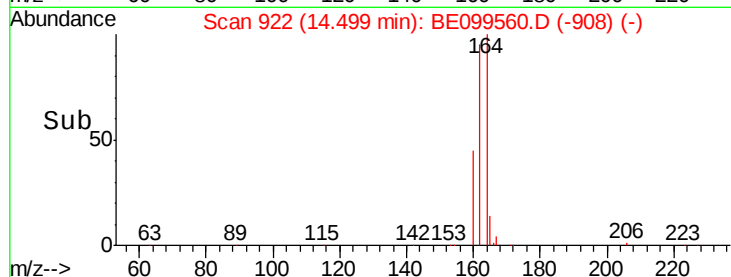
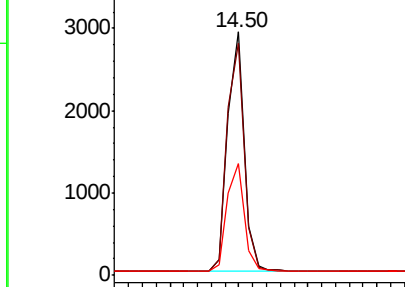
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:164 Resp: 4894
Ion Ratio Lower Upper
164 100
162 95.5 76.4 114.6
160 45.8 36.6 55.0

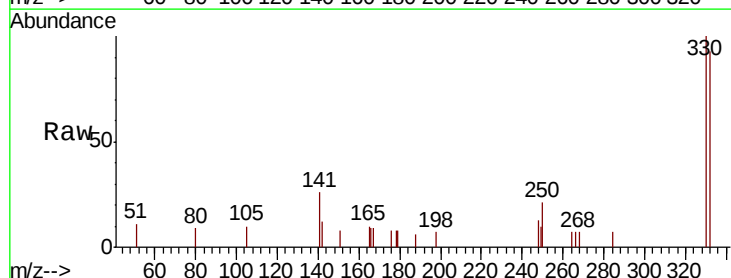


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

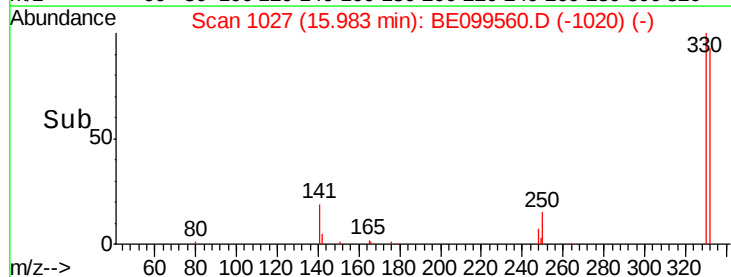
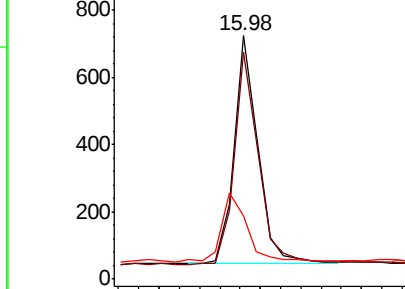


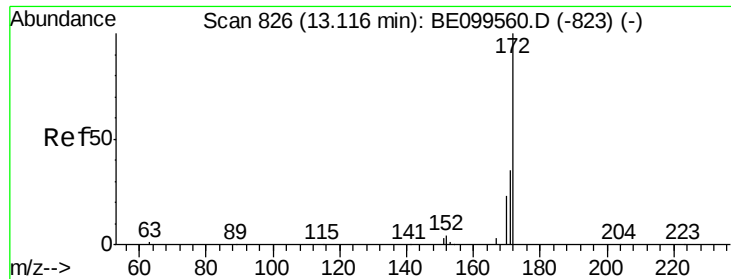
#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:330 Resp: 1120
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 32.6 26.1 39.1



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

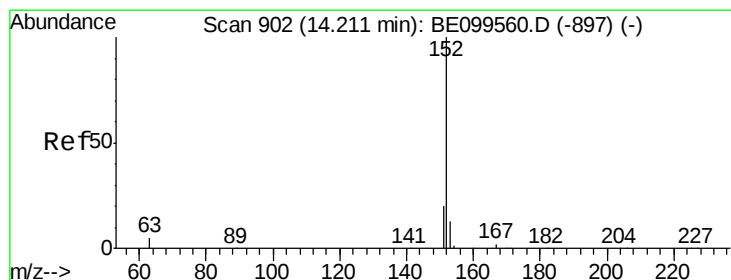
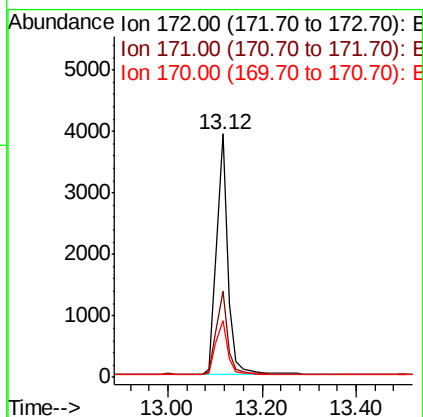
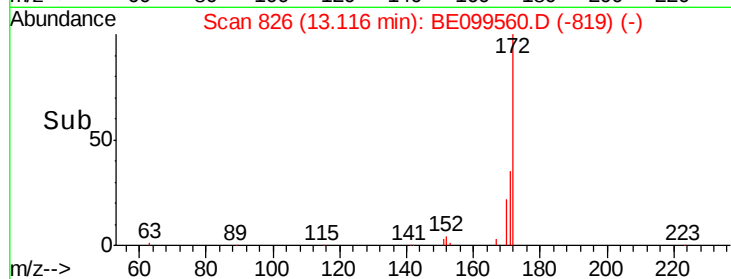
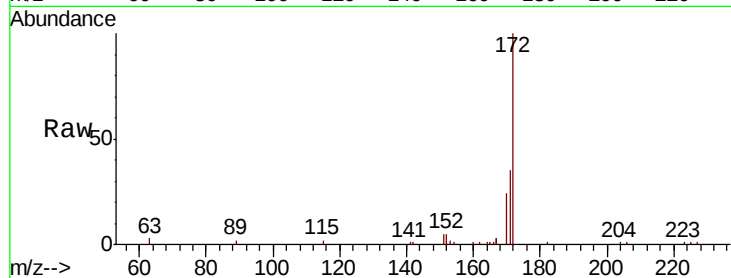




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

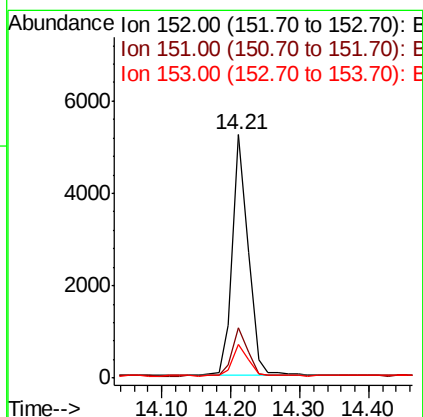
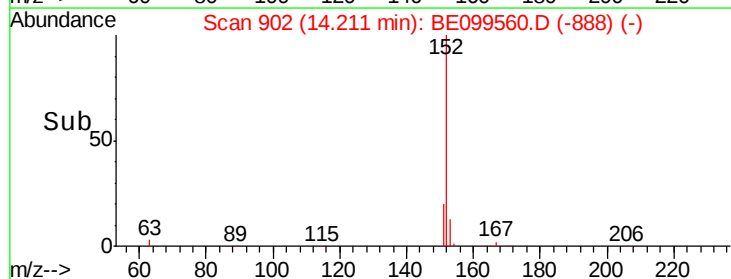
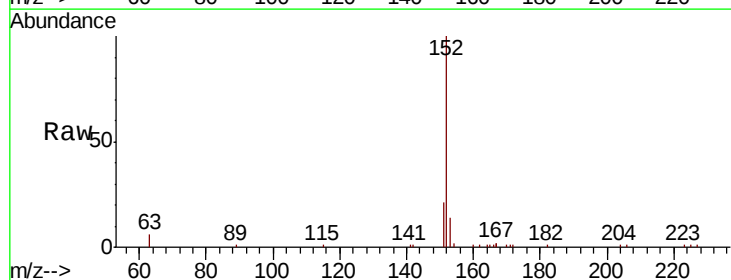
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

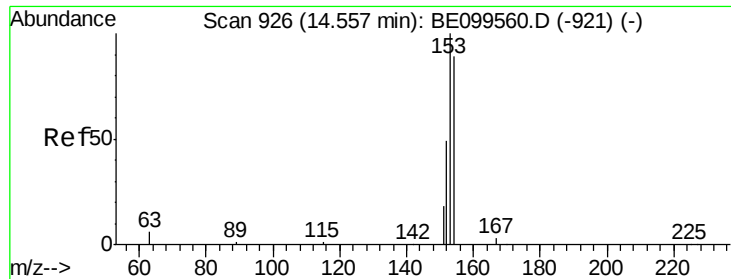
Tot Ion:172 Resp: 6475
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 18.8 28.2



#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099560.D
Acq: 7 May 2019 10:49

Tgt Ion:152 Resp: 8334
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.1 10.5 15.7





#17

Acenaphthene

Concen: 0.345 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

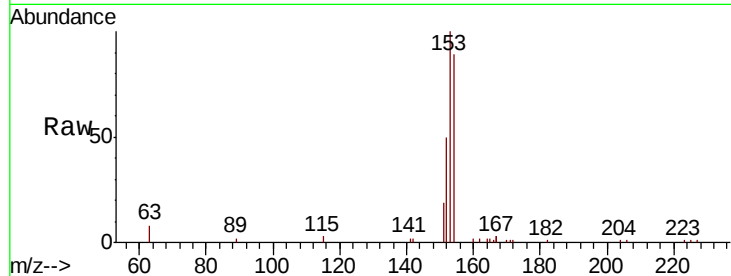
Tot Ion:154 Resp: 4715

Ion Ratio Lower Upper

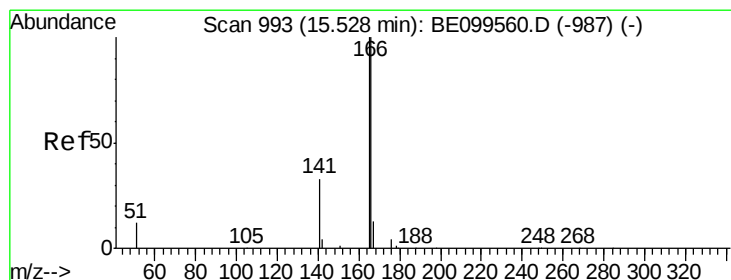
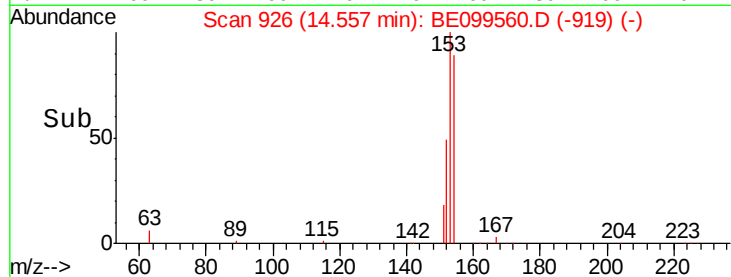
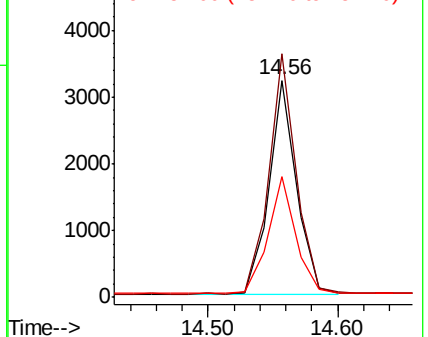
154 100

153 112.1 89.7 134.5

152 54.9 43.9 65.9



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: 0.335 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

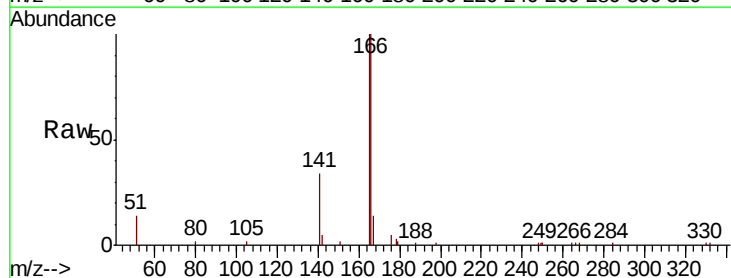
Tgt Ion:166 Resp: 6768

Ion Ratio Lower Upper

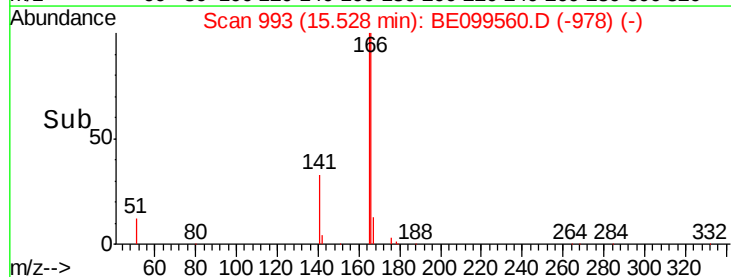
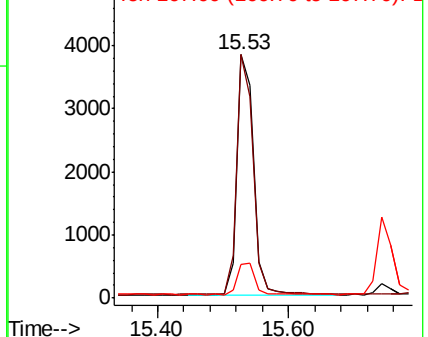
166 100

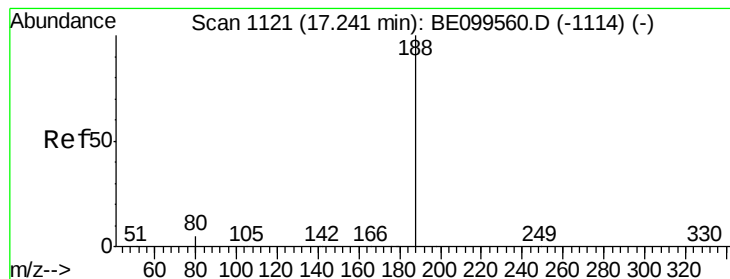
165 98.8 79.0 118.6

167 14.4 11.5 17.3



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: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

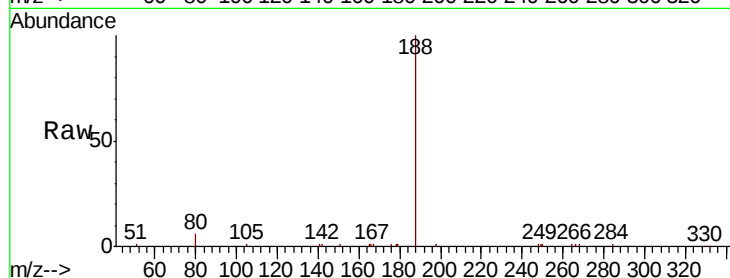
Tot Ion:188 Resp: 13938

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

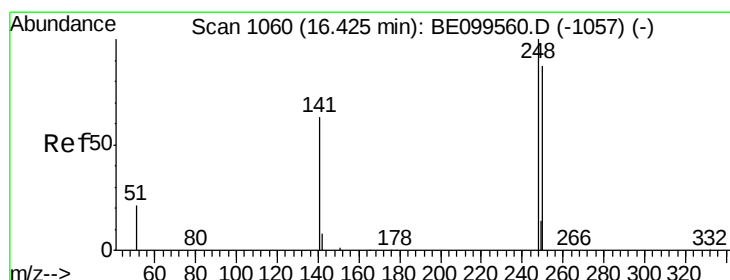
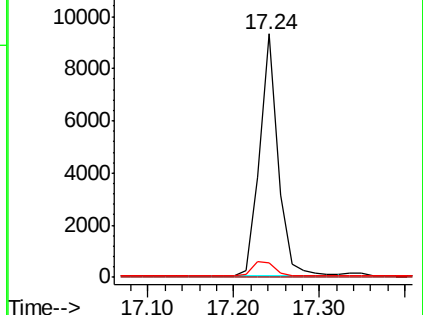
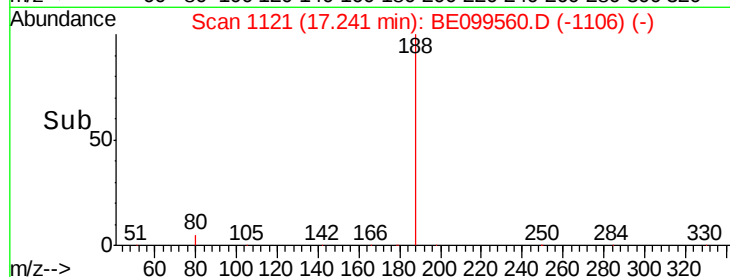
80 5.8 4.6 7.0



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: 0.343 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

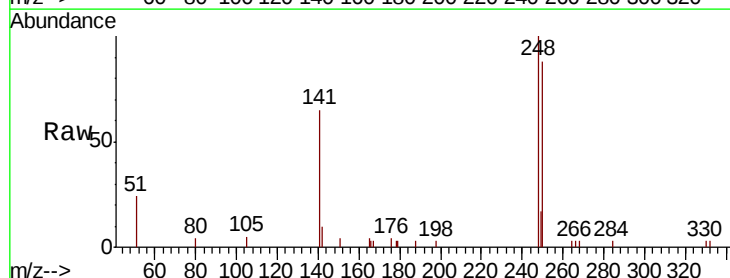
Tgt Ion:248 Resp: 2784

Ion Ratio Lower Upper

248 100

250 87.5 70.0 105.0

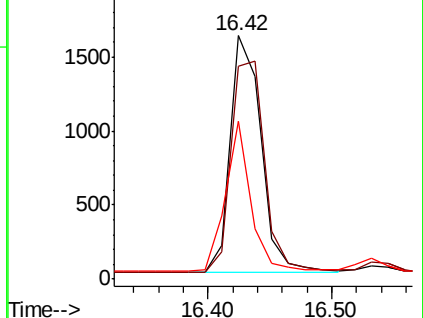
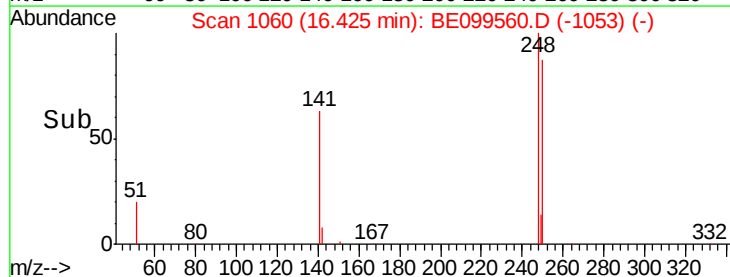
141 64.8 51.8 77.8

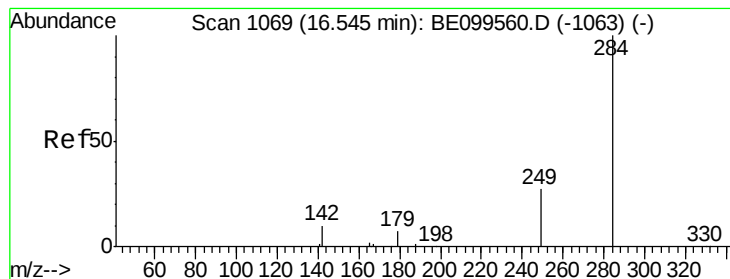


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.368 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

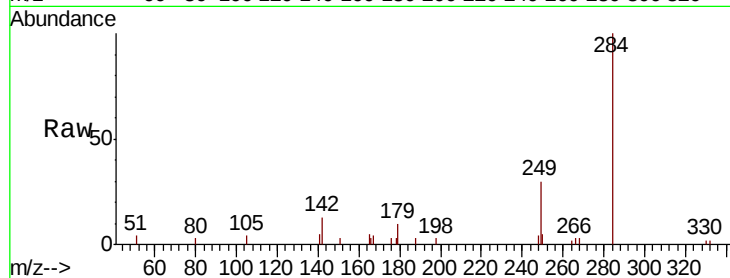
Tot Ion:284 Resp: 2848

Ion Ratio Lower Upper

284 100

142 24.5 19.5 29.3

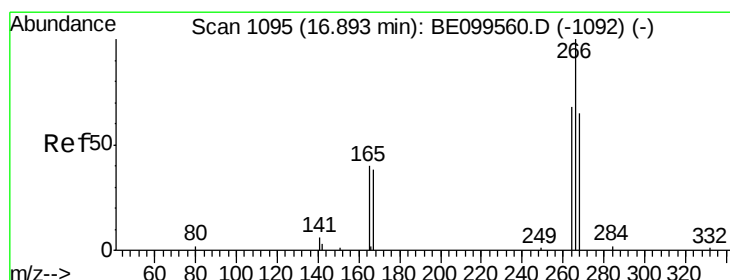
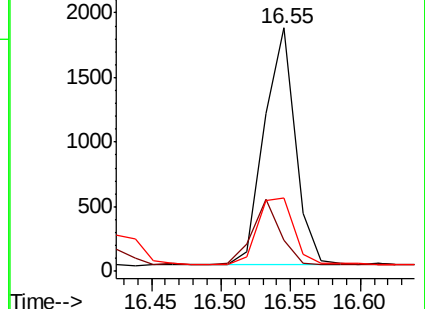
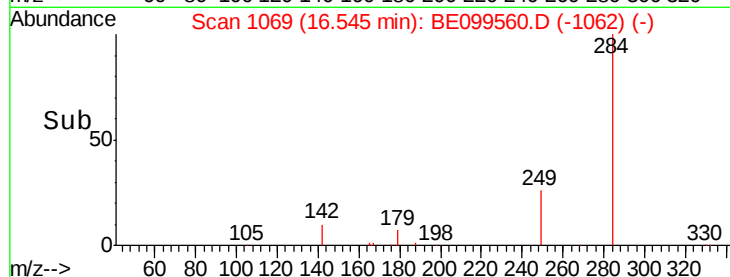
249 32.9 26.2 39.2



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: 0.299 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

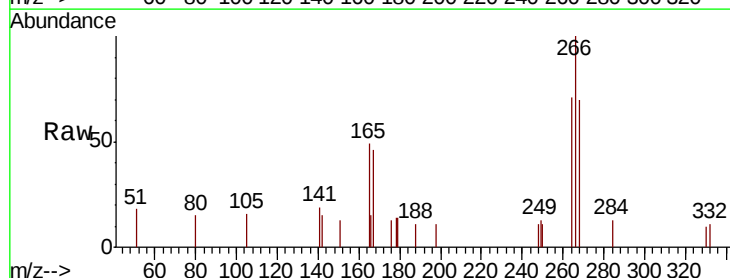
Tgt Ion:266 Resp: 1043

Ion Ratio Lower Upper

266 100

264 70.7 56.6 84.8

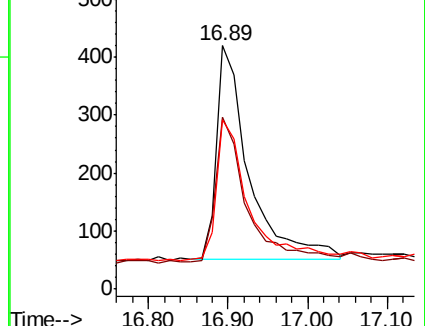
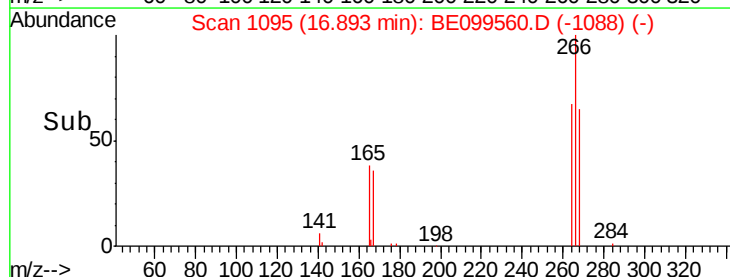
268 69.8 55.8 83.8

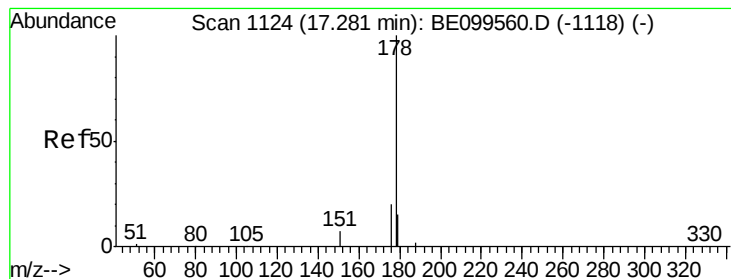


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.344 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

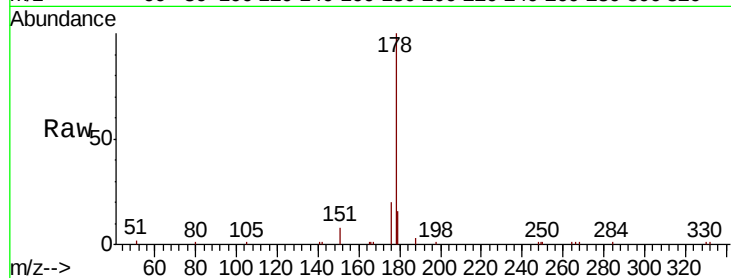
Tot Ion:178 Resp: 12383

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

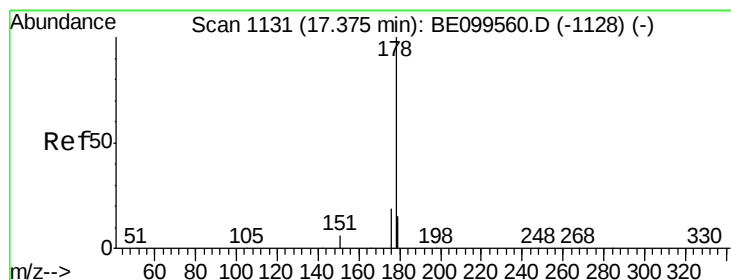
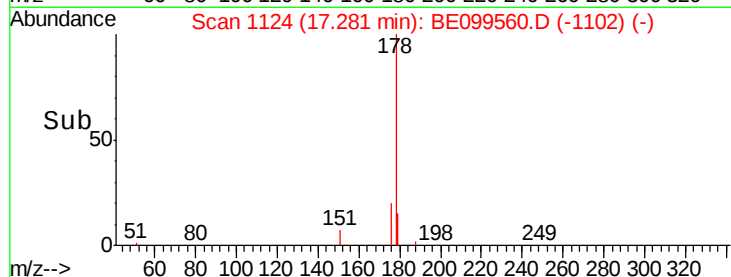
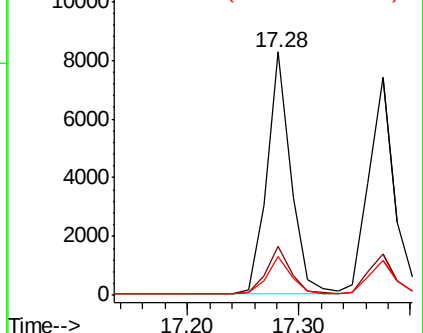
179 15.6 12.5 18.7



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: 0.338 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

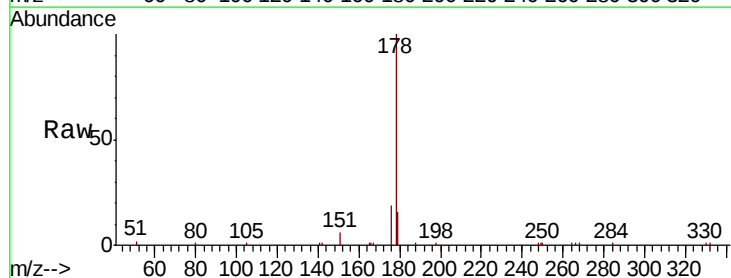
Tgt Ion:178 Resp: 11600

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

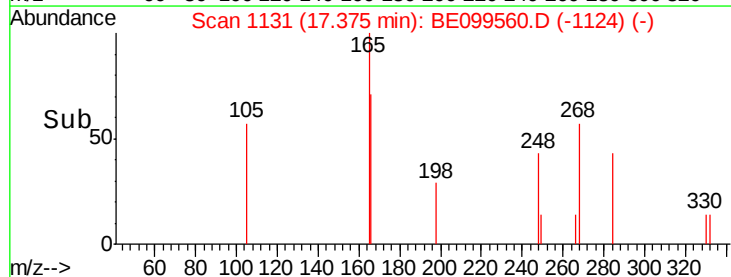
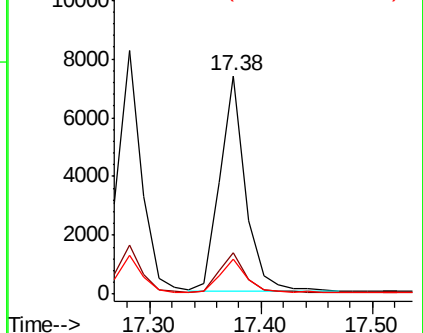
179 15.3 12.2 18.4

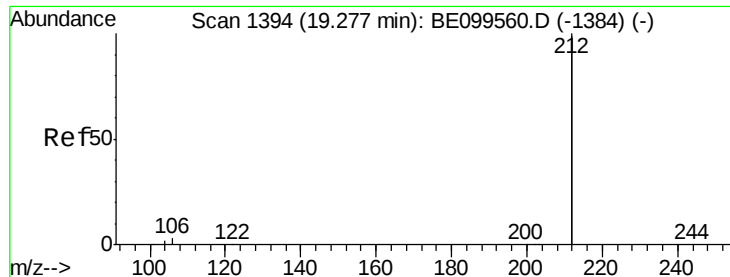


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

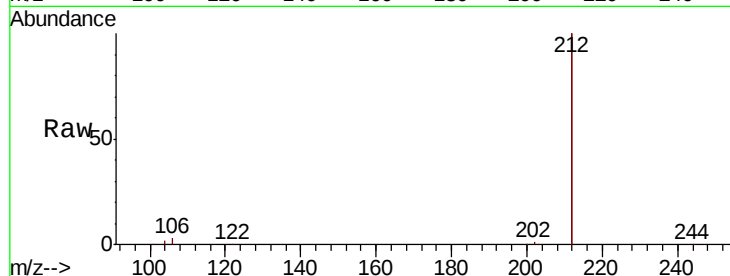
Tot Ion:212 Resp: 66606

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

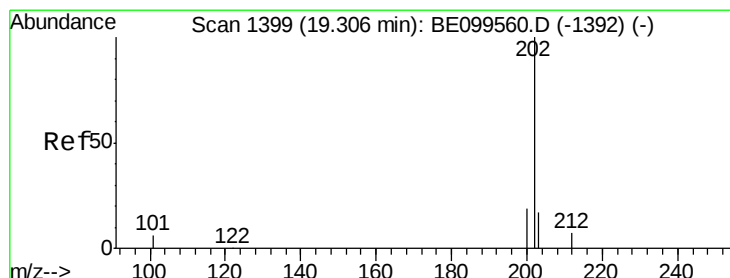
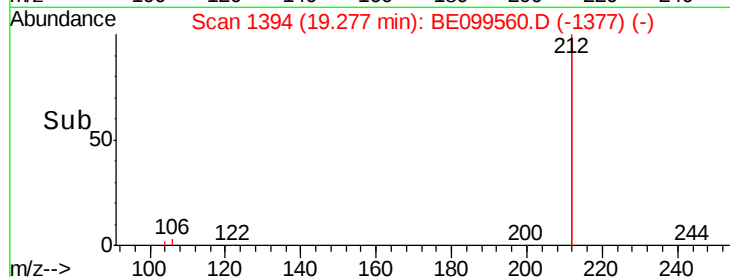
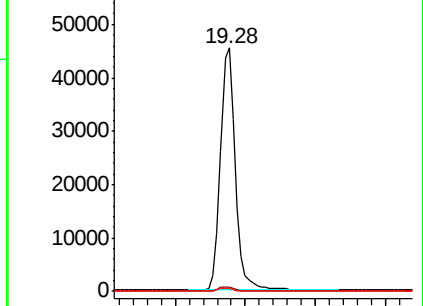
104 1.0 0.8 1.2



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: 0.352 ng

RT: 19.31 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

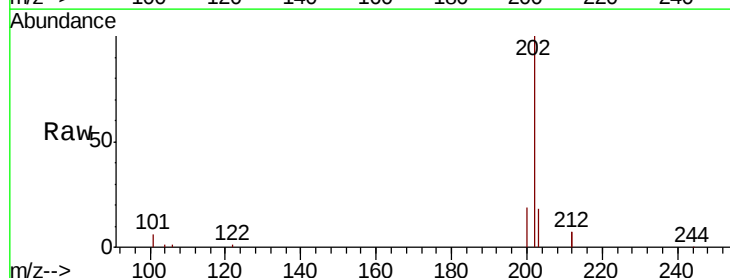
Tgt Ion:202 Resp: 18973

Ion Ratio Lower Upper

202 100

101 6.6 5.3 7.9

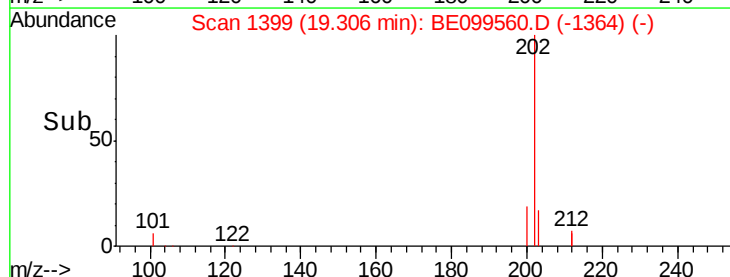
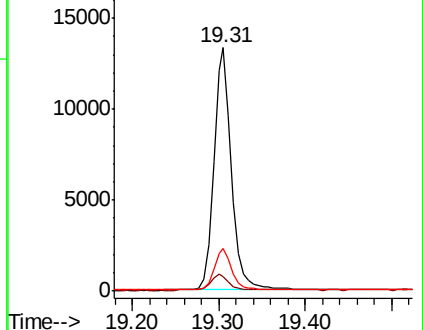
203 16.8 13.4 20.2

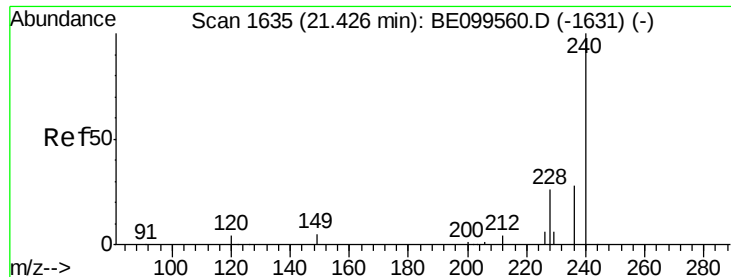


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

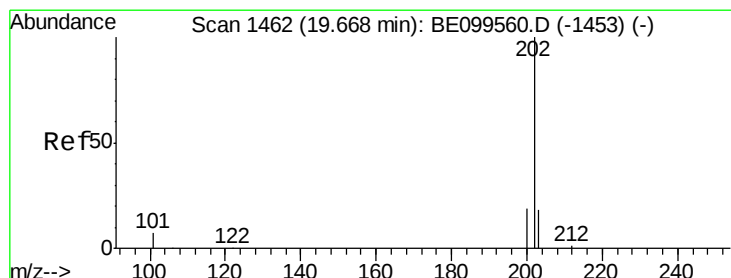
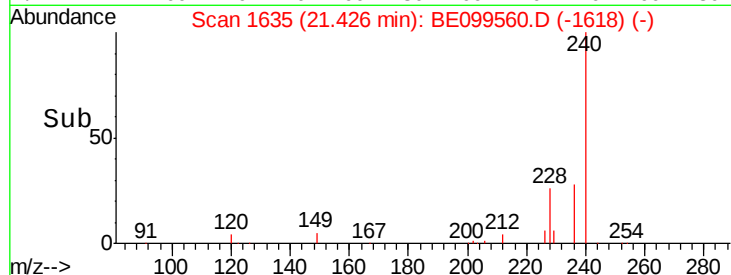
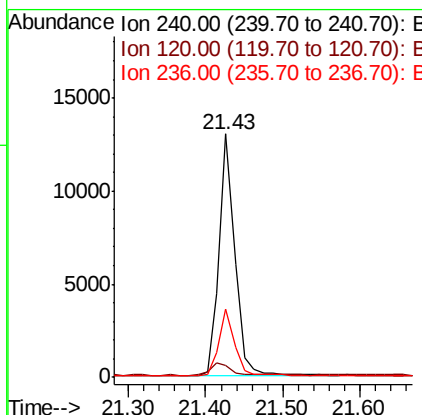
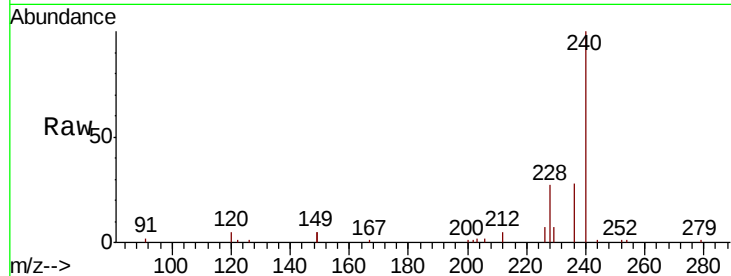




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.43 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BE099560.D
 Acq: 7 May 2019 10:49

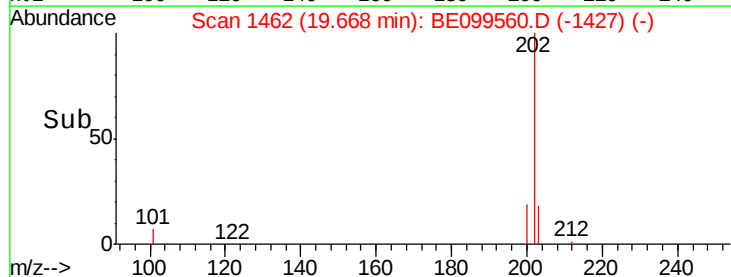
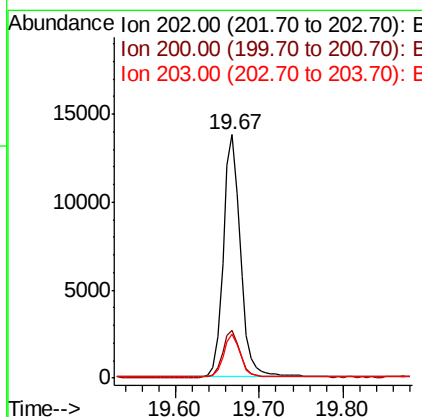
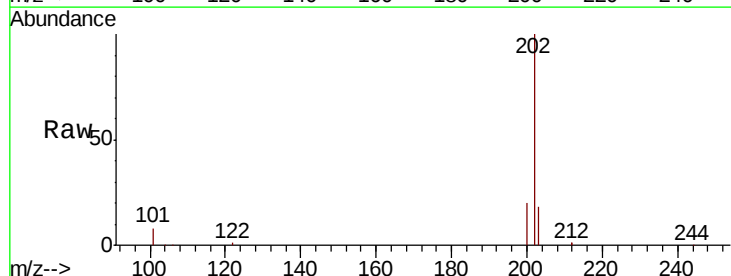
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

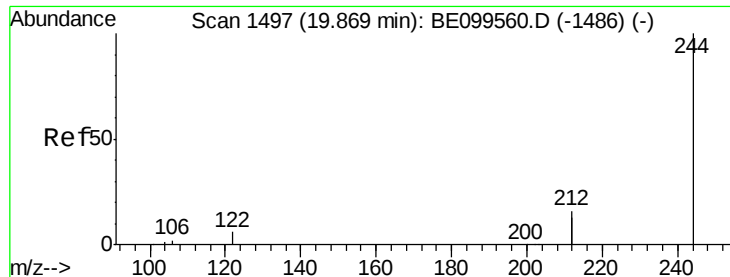
Tot Ion:240 Resp: 18601
 Ion Ratio Lower Upper
 240 100
 120 4.7 3.8 5.6
 236 28.1 22.5 33.7



#28
 Pyrene
 Concen: 0.406 ng
 RT: 19.67 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BE099560.D
 Acq: 7 May 2019 10:49

Tgt Ion:202 Resp: 19685
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.8 23.6
 203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.87 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

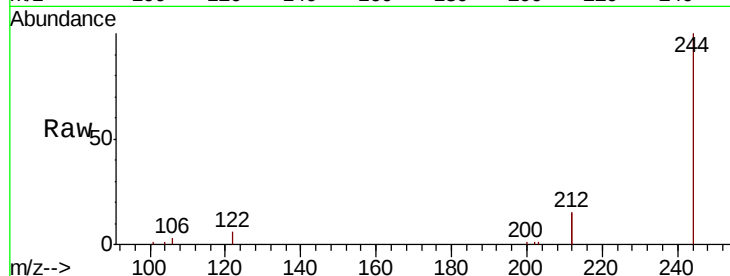
Tot Ion:244 Resp: 13564

Ion Ratio Lower Upper

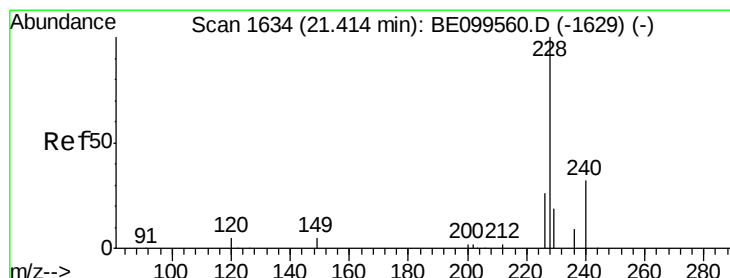
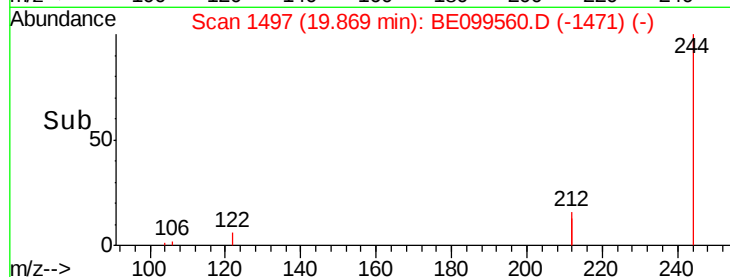
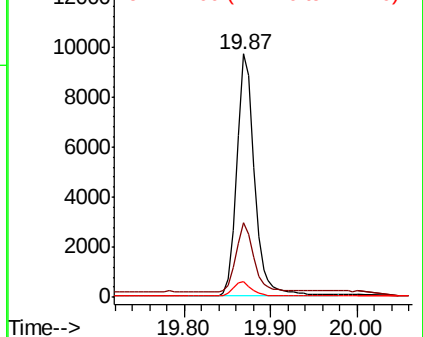
244 100

212 30.8 24.6 37.0

122 6.3 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: 0.382 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

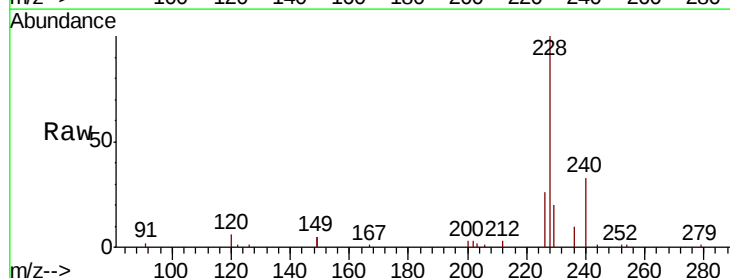
Tgt Ion:228 Resp: 22642

Ion Ratio Lower Upper

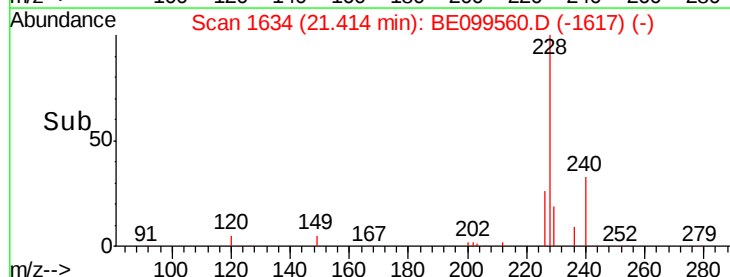
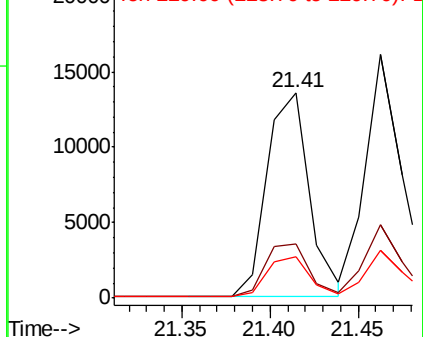
228 100

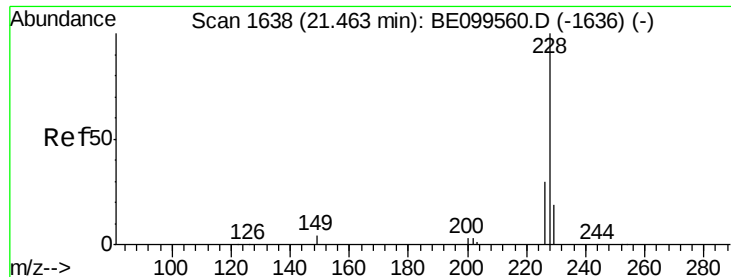
226 26.1 20.9 31.3

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: 0.392 ng

RT: 21.46 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

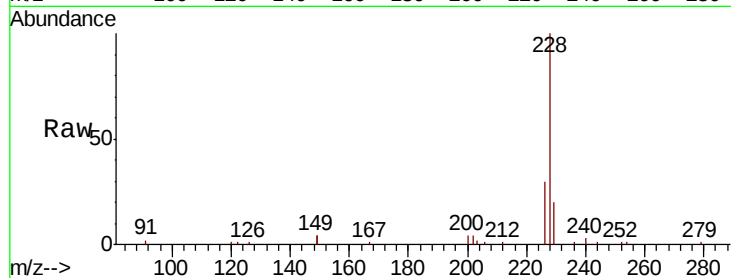
Tot Ion:228 Resp: 22711

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

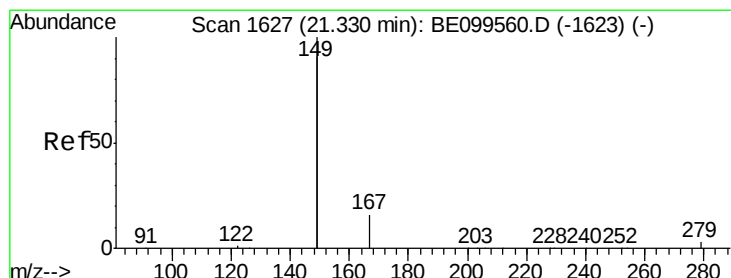
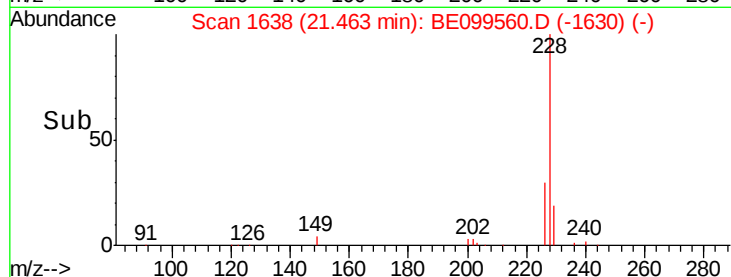
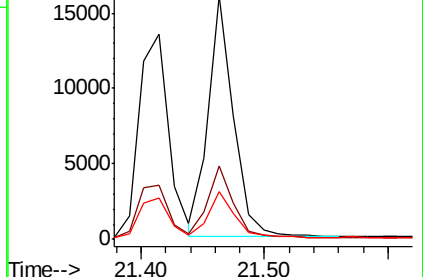
229 19.7 15.8 23.6



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: 0.345 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

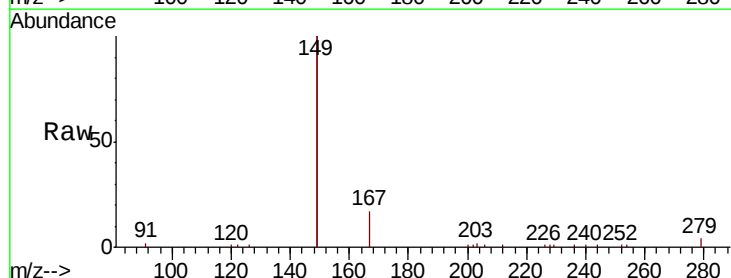
Tgt Ion:149 Resp: 35594

Ion Ratio Lower Upper

149 100

167 7.6 6.1 9.1

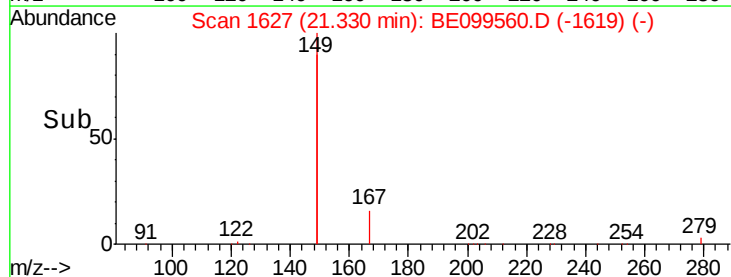
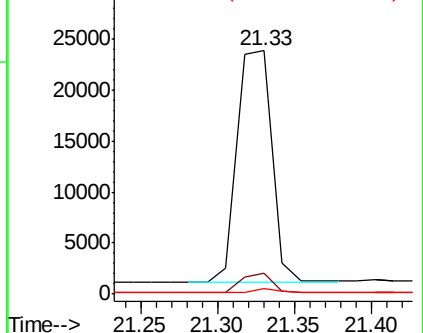
279 1.6 1.3 1.9

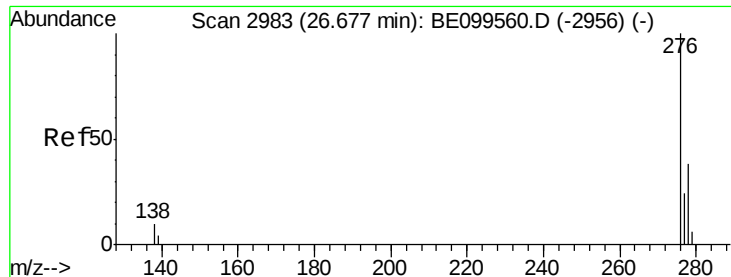


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.388 ng

RT: 26.68 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

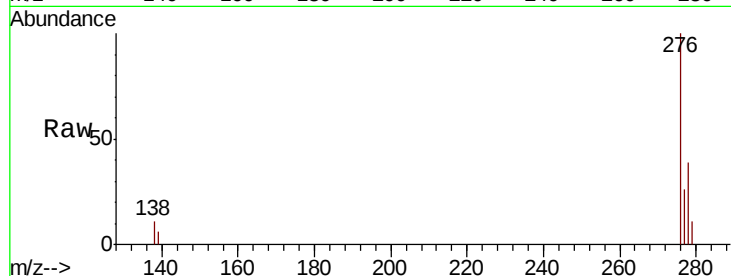
Tot Ion:276 Resp: 26627

Ion Ratio Lower Upper

276 100

138 11.8 9.5 14.3

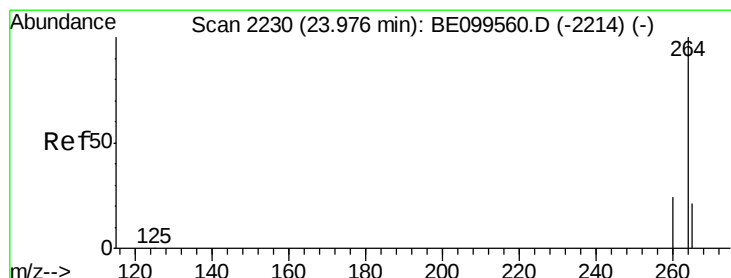
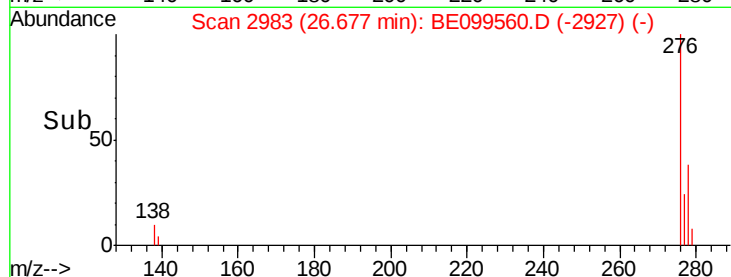
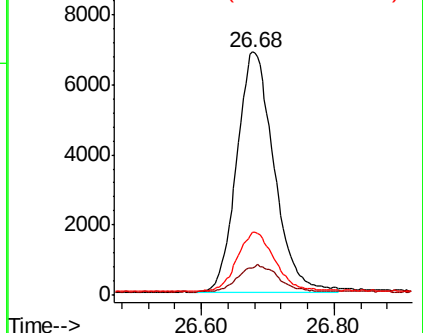
277 24.4 19.7 29.5



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: BE099560.D

Acq: 7 May 2019 10:49

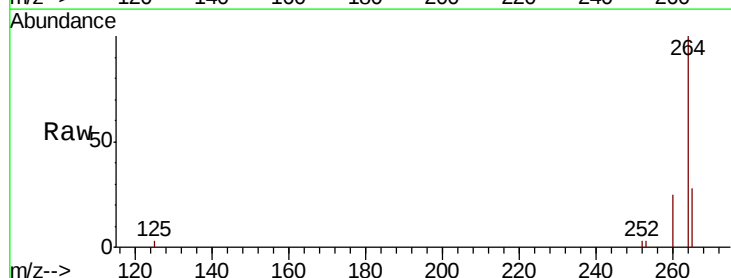
Tgt Ion:264 Resp: 21688

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

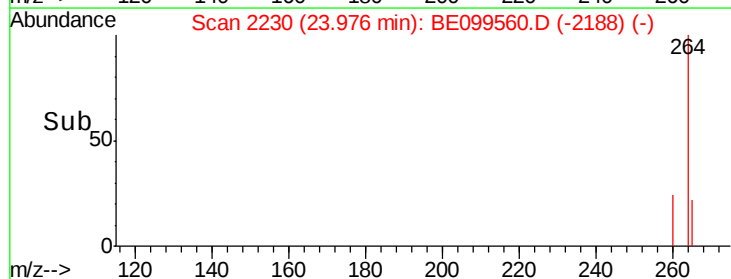
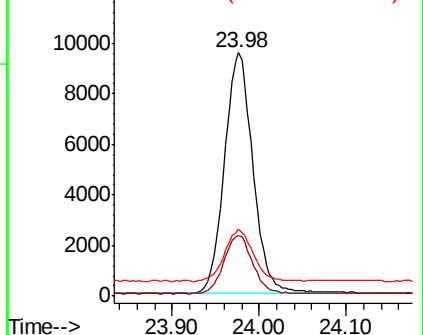
265 27.7 22.2 33.2

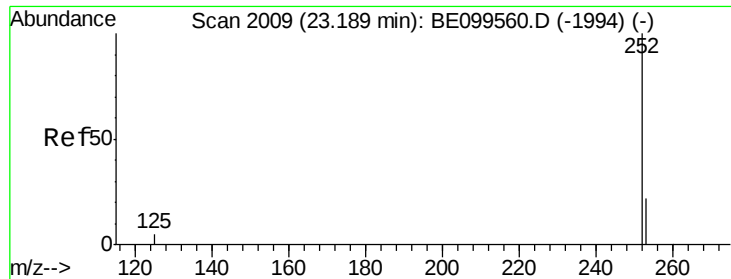


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.349 ng

RT: 23.19 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

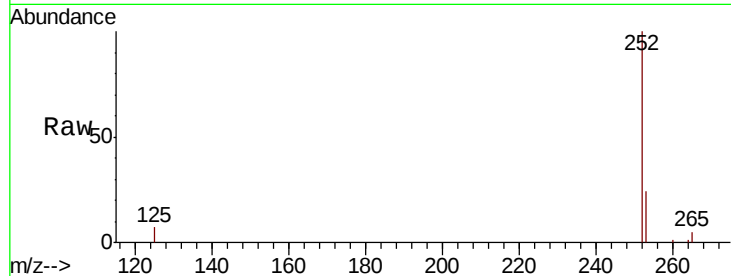
Tot Ion:252 Resp: 21846

Ion Ratio Lower Upper

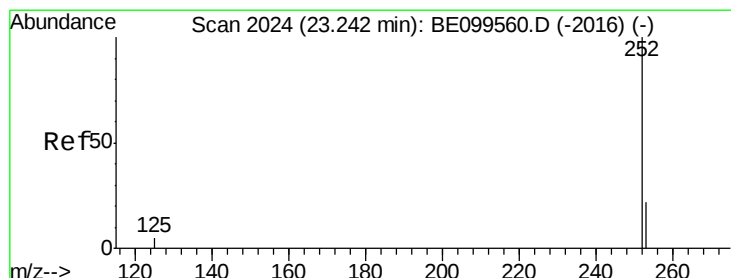
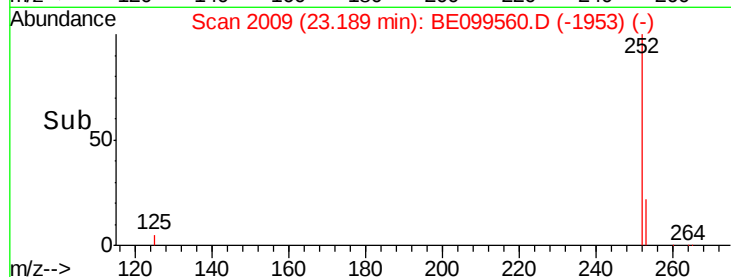
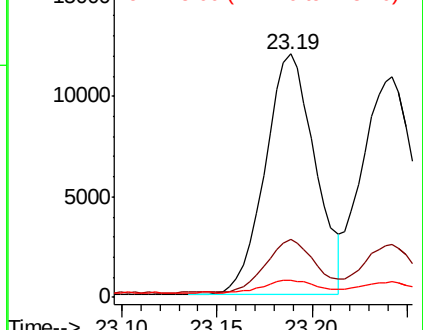
252 100

253 23.7 19.0 28.4

125 7.2 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: 0.354 ng

RT: 23.24 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

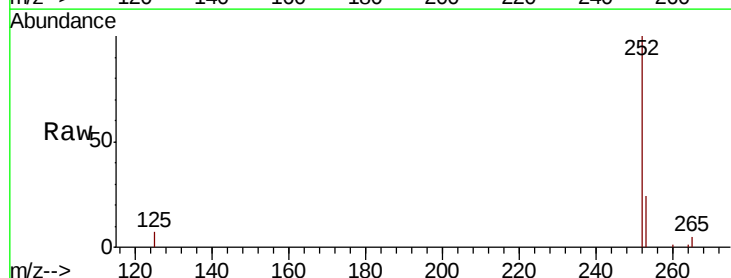
Tgt Ion:252 Resp: 21353

Ion Ratio Lower Upper

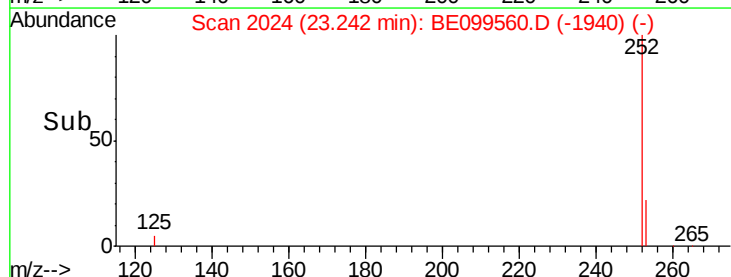
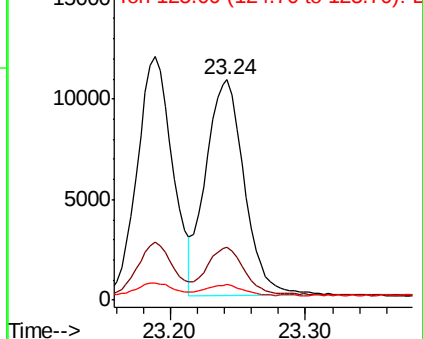
252 100

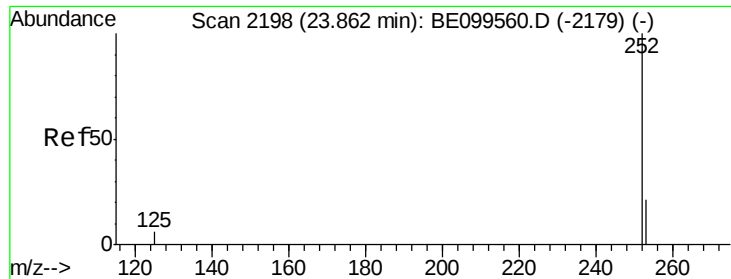
253 23.9 19.1 28.7

125 7.2 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





#37

Benzo(a)pyrene

Concen: 0.354 ng

RT: 23.86 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

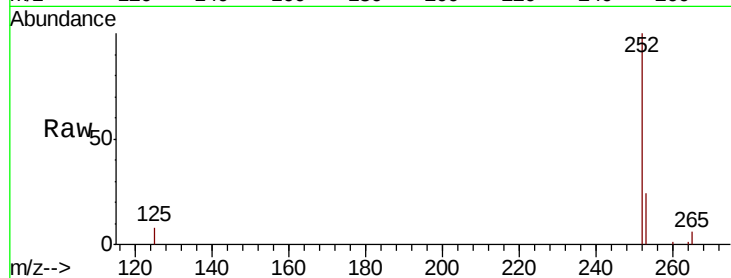
Tot Ion:252 Resp: 20948

Ion Ratio Lower Upper

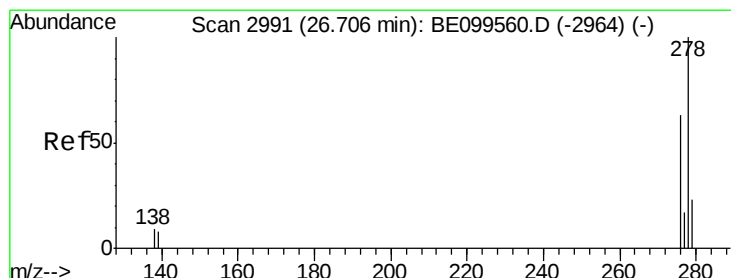
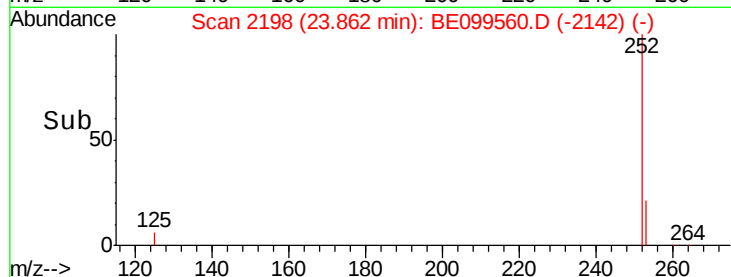
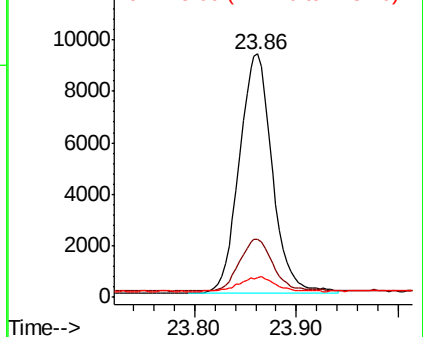
252 100

253 23.6 18.9 28.3

125 8.2 6.6 9.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.358 ng

RT: 26.71 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

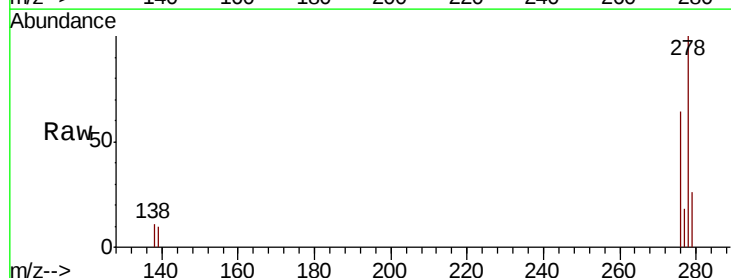
Tgt Ion:278 Resp: 21621

Ion Ratio Lower Upper

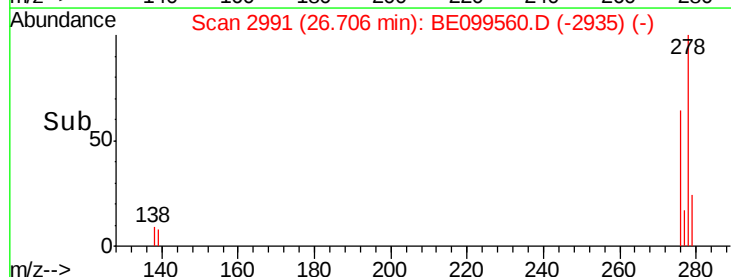
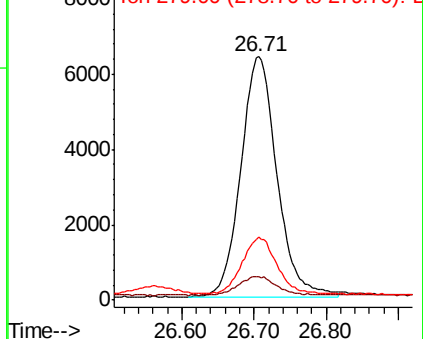
278 100

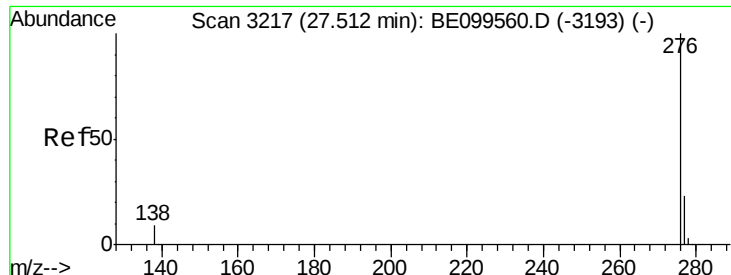
139 9.6 7.7 11.5

279 26.2 21.0 31.4



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: 0.363 ng

RT: 27.51 min Scan# 3217

Delta R.T. 0.00 min

Lab File: BE099560.D

Acq: 7 May 2019 10:49

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

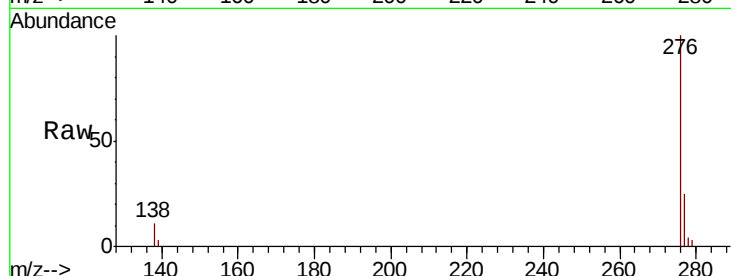
Tot Ion:276 Resp: 21969

Ion Ratio Lower Upper

276 100

277 24.6 19.7 29.5

138 10.7 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

