

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE050719\
 Data File : BE099571.D
 Acq On : 7 May 2019 19:14
 Operator : JU/SJ
 Sample : SSDTCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 08 01:37:23 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 14:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2197	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	8008	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5563	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	16044	0.40	ng	0.00
27) Chrysene-d12	21.43	240	21513	0.40	ng	0.00
34) Perylene-d12	23.97	264	24224	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	2580	0.42	ng	0.00
5) Phenol-d6	6.99	99	3412	0.43	ng	0.00
8) Nitrobenzene-d5	8.98	82	3204	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	5504	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1447	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	8774	0.42	ng	0.00
25) Fluoranthene-d10	19.27	212	87215	0.40	ng	0.00
29) Terphenyl-d14	19.87	244	18492	0.46	ng	0.00

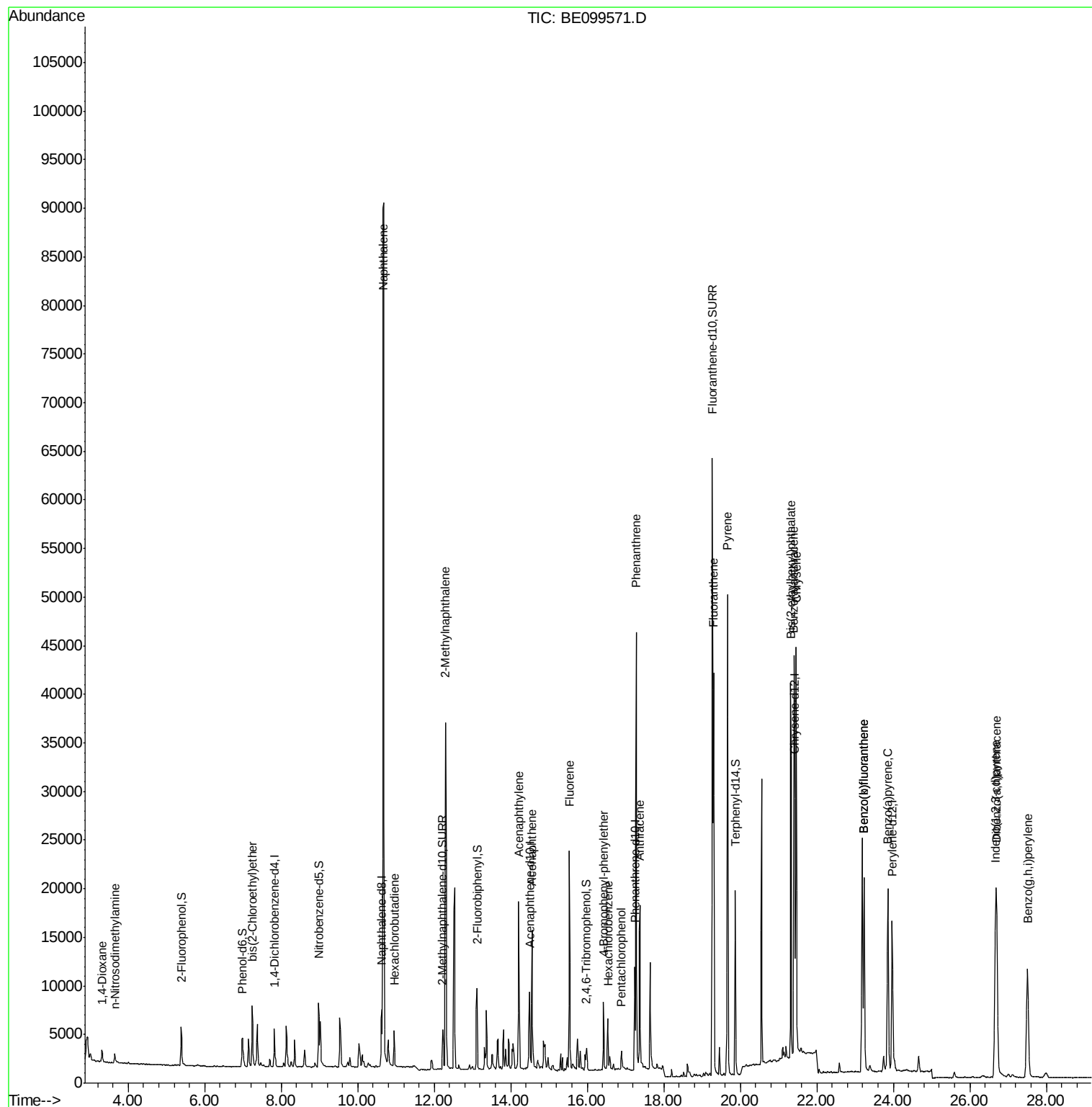
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	1211	0.390	ng	99
3) n-Nitrosodimethylamine	3.65	42	749	0.365	ng	# 94
6) bis(2-Chloroethyl)ether	7.24	93	2772	0.415	ng	100
9) Naphthalene	10.68	128	166981	1.969	ng	99
10) Hexachlorobutadiene	10.95	225	2480	0.403	ng	97
12) 2-Methylnaphthalene	12.30	142	25375	1.765	ng	92
16) Acenaphthylene	14.21	152	18041	0.672	ng	99
17) Acenaphthene	14.56	154	6937	0.463	ng	95
18) Fluorene	15.53	166	15107	0.705	ng	98
20) 4-Bromophenyl-phenylether	16.43	248	3659	0.401	ng	# 88
21) Hexachlorobenzene	16.55	284	3687	0.407	ng	98
22) Pentachlorophenol	16.89	266	1362	0.365	ng	99
23) Phenanthrene	17.28	178	47988	1.214	ng	99
24) Anthracene	17.38	178	21428	0.563	ng	99
26) Fluoranthene	19.30	202	40099	0.658	ng	100
28) Pyrene	19.67	202	48011	0.833	ng	99
30) Benzo(a)anthracene	21.40	228	38945	0.584	ng	97
31) Chrysene	21.46	228	36398	0.553	ng	100
32) Bis(2-ethylhexyl)phthalate	21.32	149	49985	0.473	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	36342	0.465	ng	99
35) Benzo(b)fluoranthene	23.24	252	31210	0.467	ng	98
36) Benzo(k)fluoranthene	23.24	252	31498	0.479	ng	98
37) Benzo(a)pyrene	23.85	252	32965	0.512	ng	99
38) Dibenzo(a,h)anthracene	26.70	278	28701	0.431	ng	# 95
39) Benzo(g,h,i)perylene	27.51	276	30141	0.452	ng	99

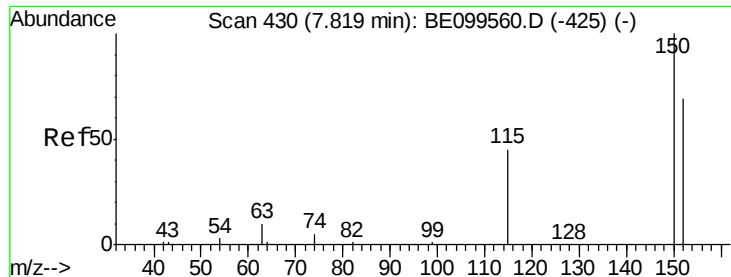
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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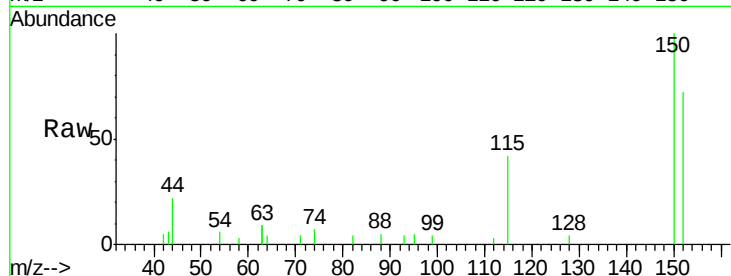


#1

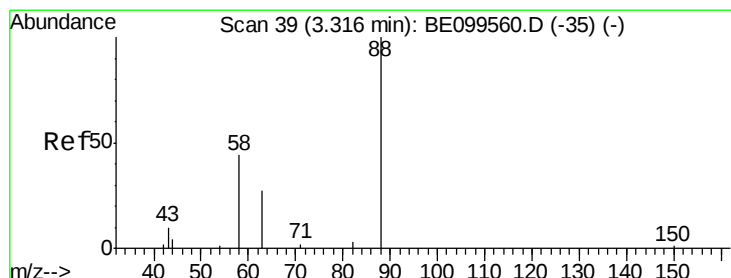
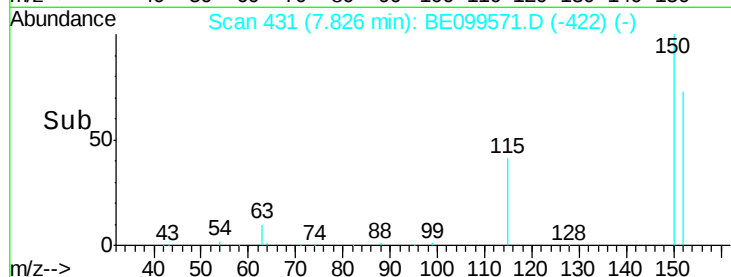
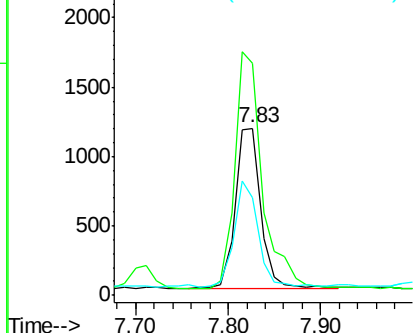
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.01 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2197
Ion Ratio Lower Upper
152 100
150 138.9 113.8 170.6
115 58.4 54.2 81.2



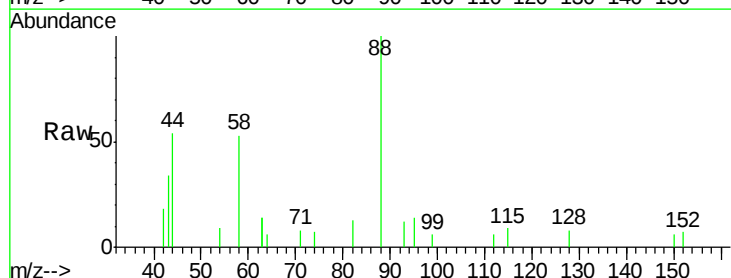
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



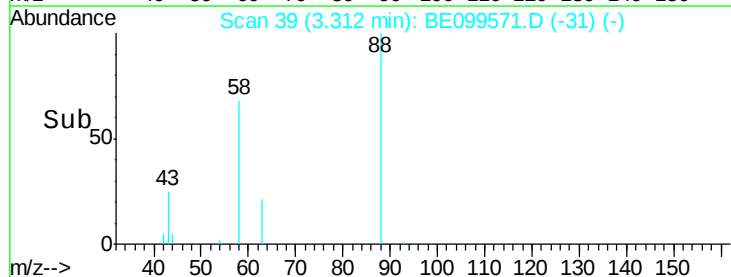
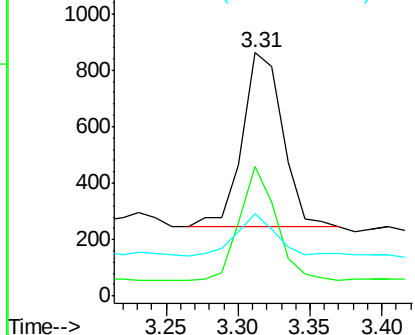
#2

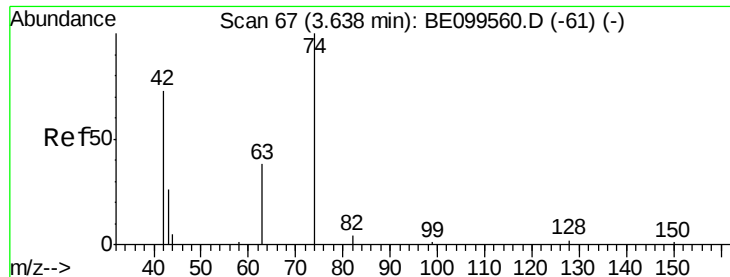
1,4-Dioxane
Concen: 0.390 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion: 88 Resp: 1211
Ion Ratio Lower Upper
88 100
58 59.0 46.6 69.8
43 24.7 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: 0.365 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.01 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

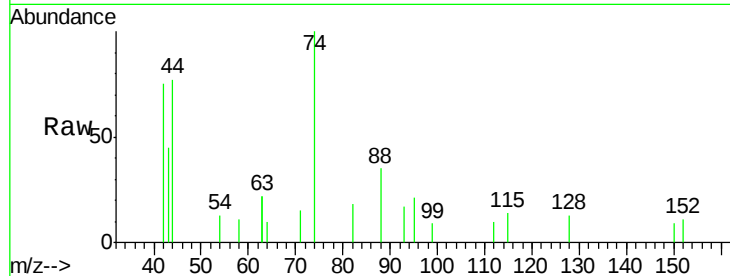
Tot Ion: 42 Resp: 749

Ion Ratio Lower Upper

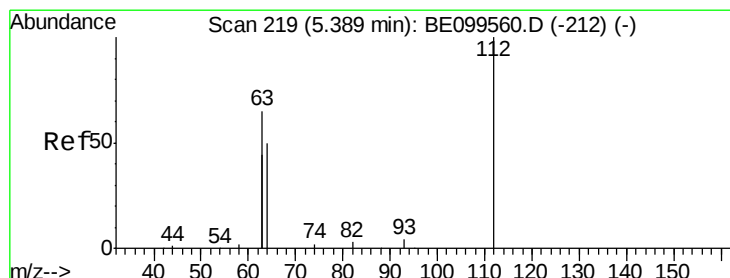
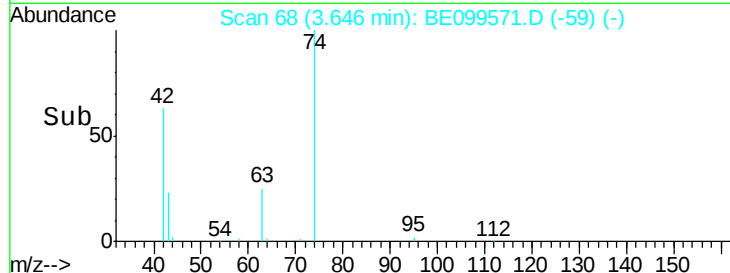
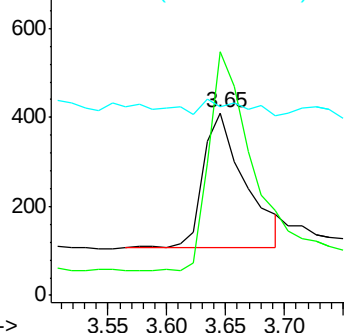
42 100

74 159.1 121.3 181.9

44 10.9 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



#4

2-Fluorophenol

Concen: 0.424 ng

RT: 5.38 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

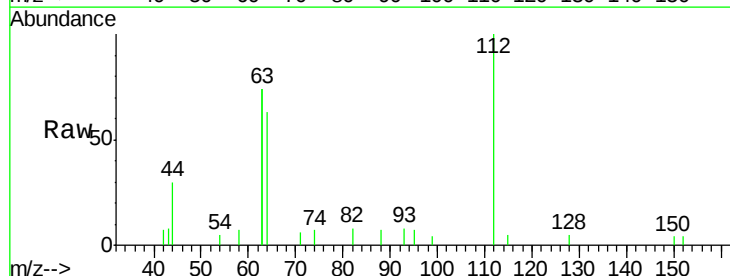
Tgt Ion: 112 Resp: 2580

Ion Ratio Lower Upper

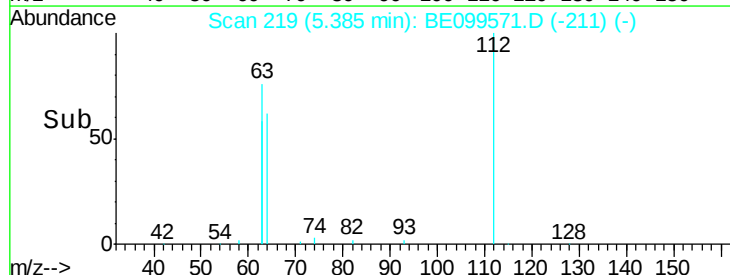
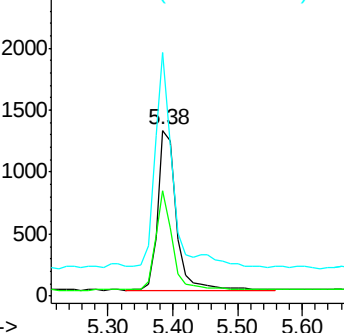
112 100

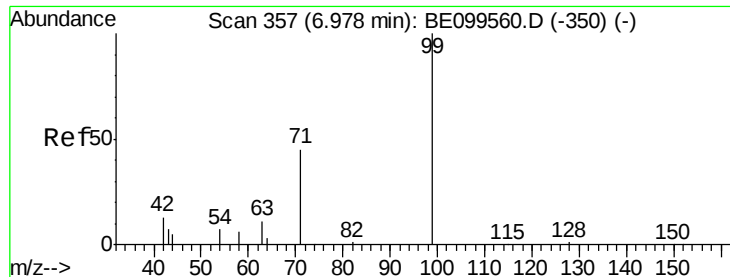
64 56.1 46.3 69.5

63 117.0 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: 0.426 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.01 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

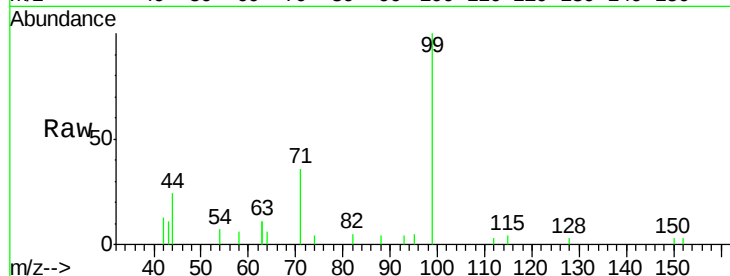
Tot Ion: 99 Resp: 3412

Ion Ratio Lower Upper

99 100

42 15.8 13.4 20.0

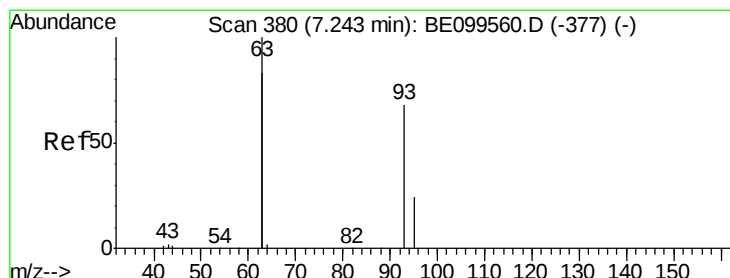
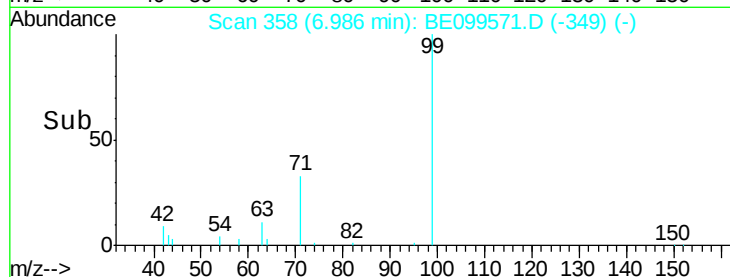
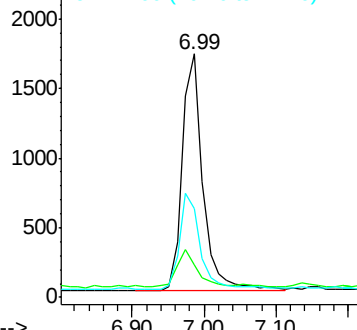
71 39.9 34.2 51.2



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: 0.415 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

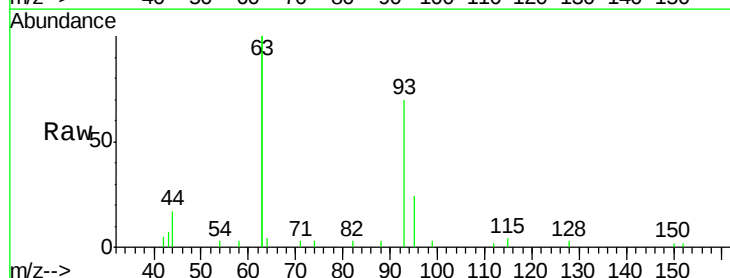
Tgt Ion: 93 Resp: 2772

Ion Ratio Lower Upper

93 100

63 261.3 209.0 313.4

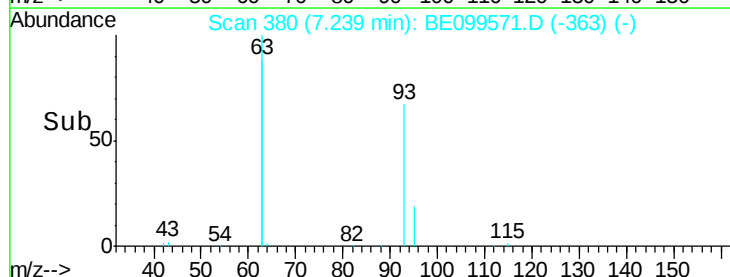
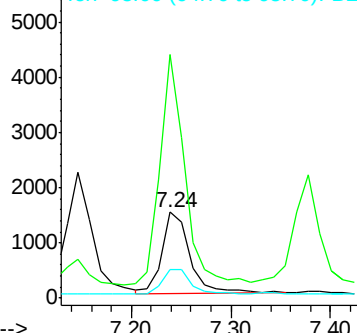
95 32.2 26.9 40.3

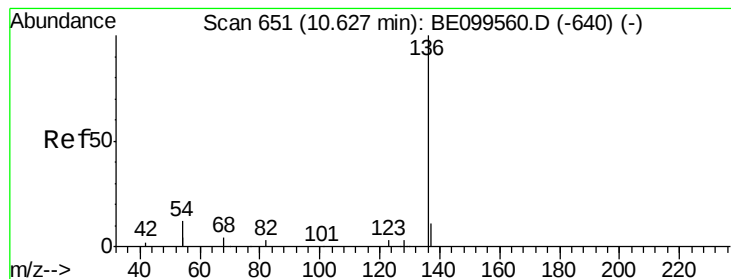


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 8008

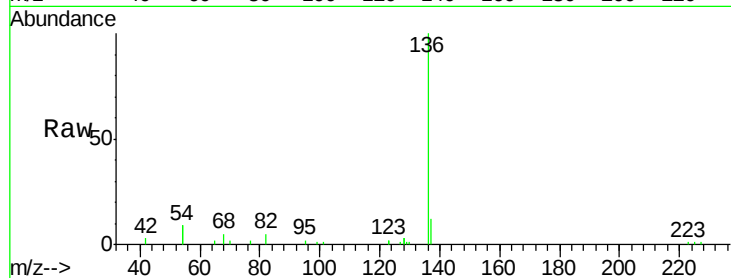
Ion Ratio Lower Upper

136 100

137 12.1 10.0 15.0

54 18.7 18.6 28.0

68 5.1 4.6 6.8

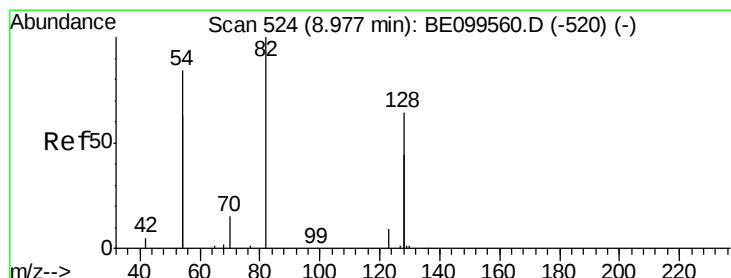
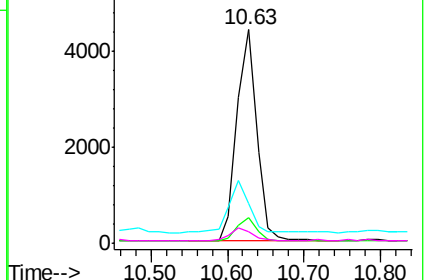
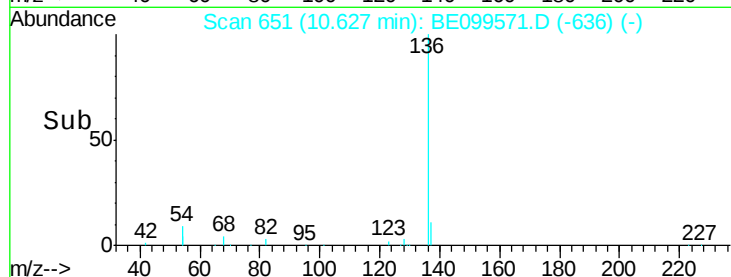


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.415 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

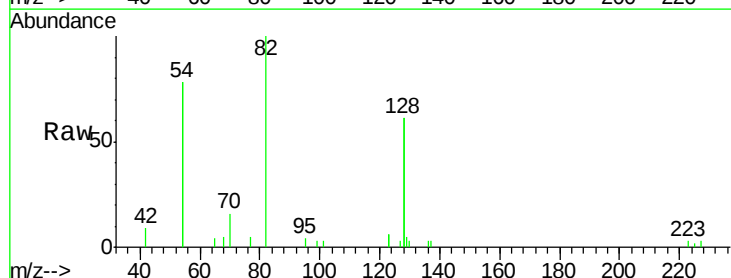
Tgt Ion: 82 Resp: 3204

Ion Ratio Lower Upper

82 100

128 122.1 97.6 146.4

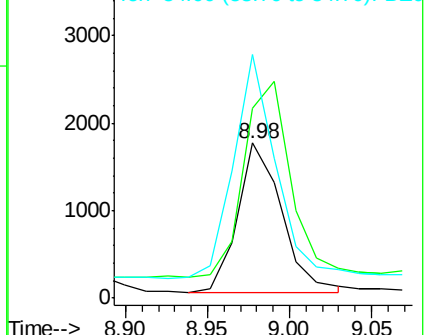
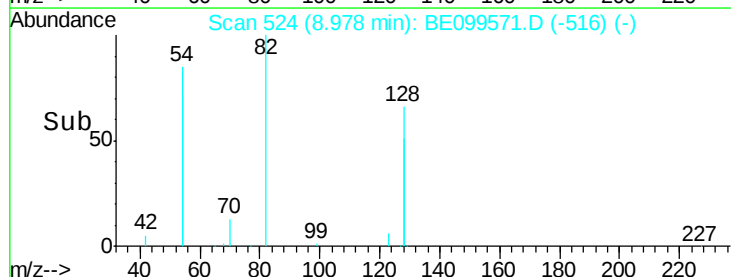
54 156.9 127.4 191.2

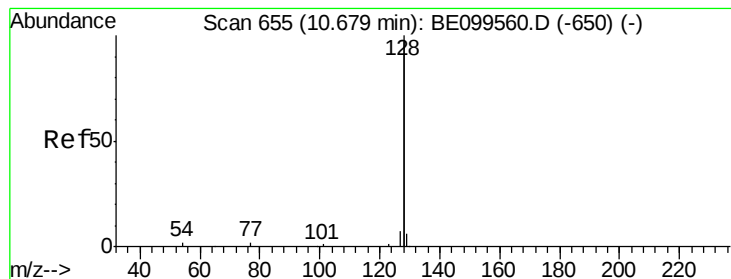


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.969 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

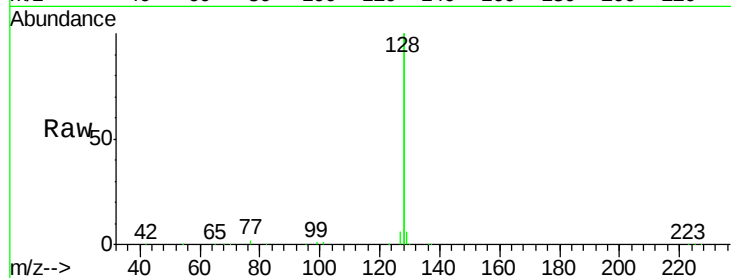
Tot Ion:128 Resp: 166981

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

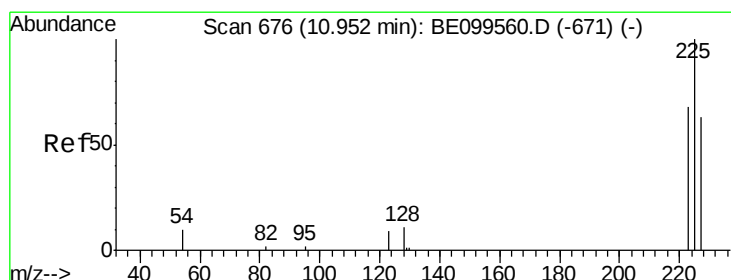
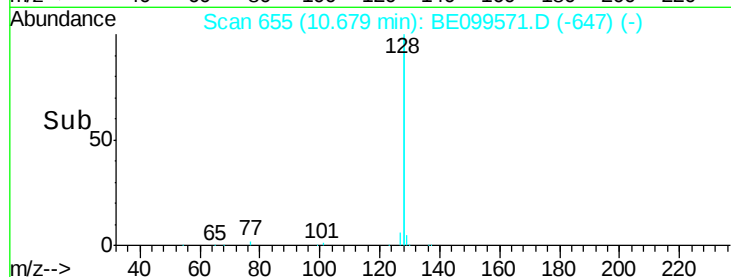
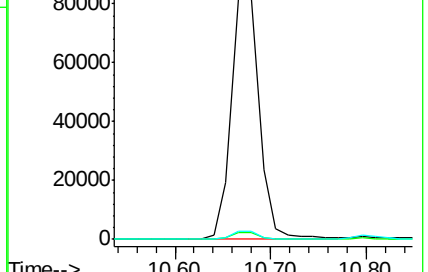
127 3.2 3.0 4.4



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: 0.403 ng

RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

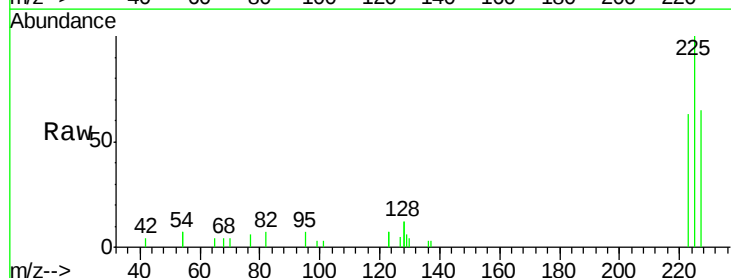
Tgt Ion:225 Resp: 2480

Ion Ratio Lower Upper

225 100

223 61.8 53.0 79.6

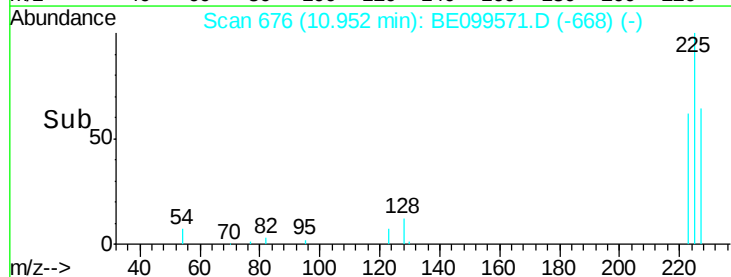
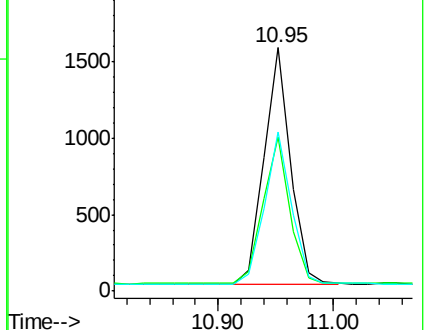
227 65.2 51.4 77.0

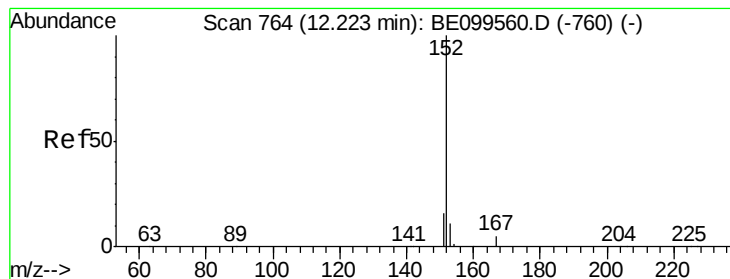


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.395 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

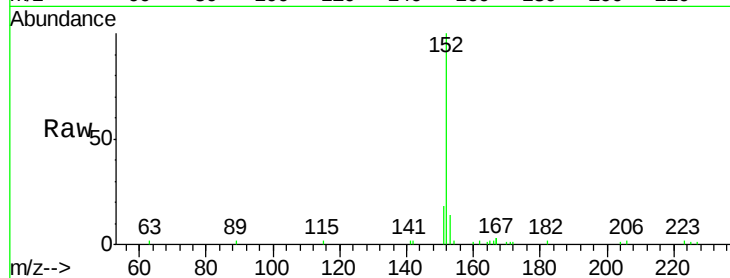
SSTDCCC0.4EC

Tot Ion:152 Resp: 5504

Ion Ratio Lower Upper

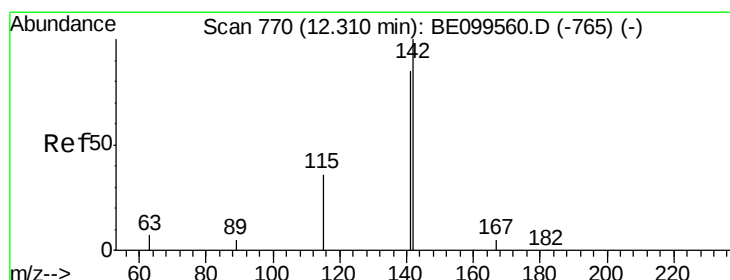
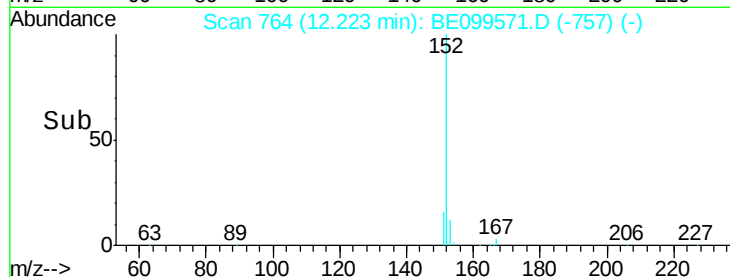
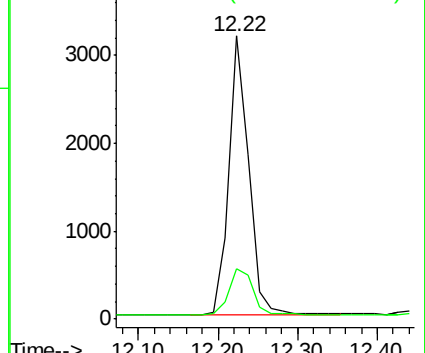
152 100

151 19.9 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: 1.765 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.01 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

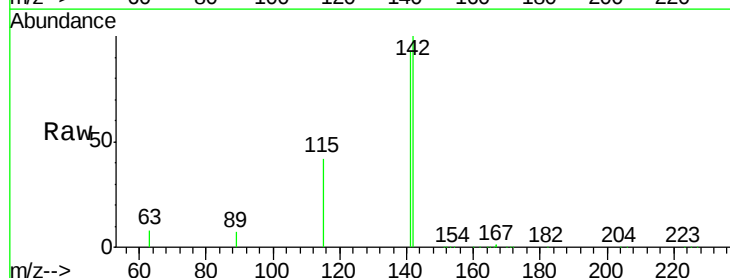
Tgt Ion:142 Resp: 25375

Ion Ratio Lower Upper

142 100

141 92.7 68.1 102.1

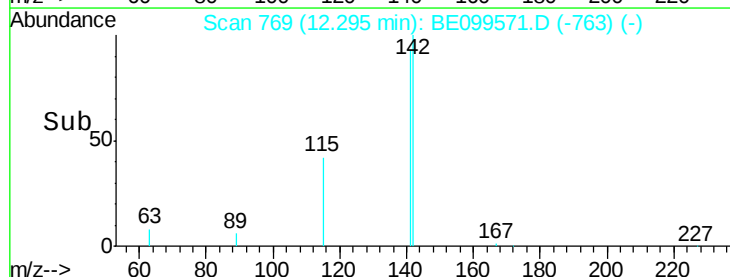
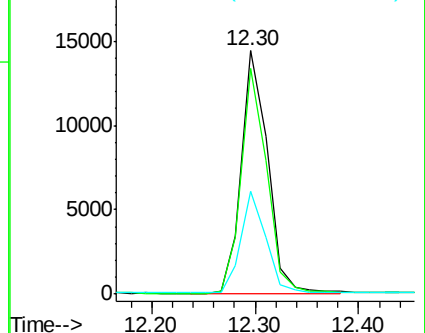
115 42.2 30.8 46.2

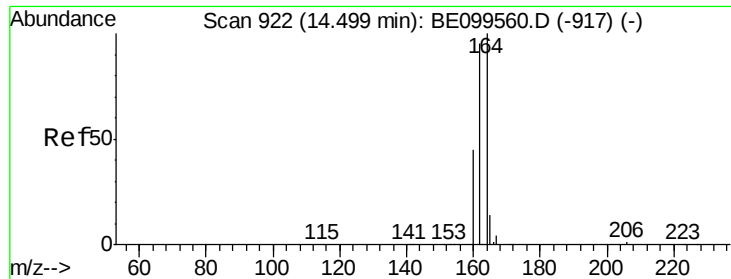


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

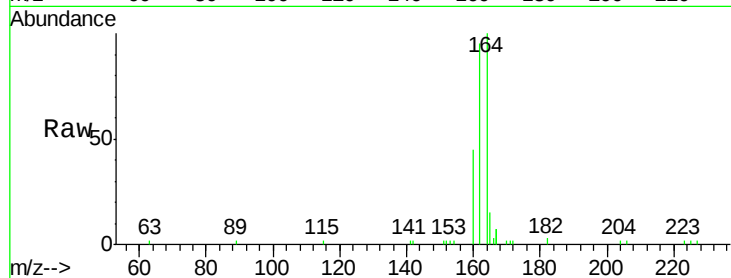
Tot Ion:164 Resp: 5563

Ion Ratio Lower Upper

164 100

162 94.7 76.4 114.6

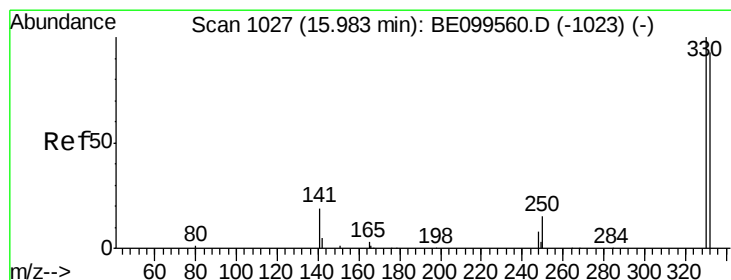
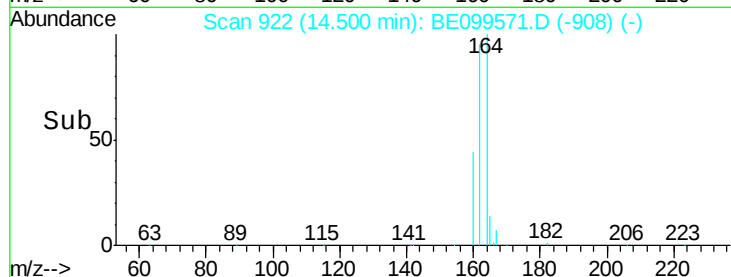
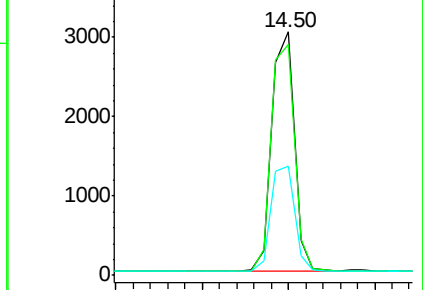
160 44.7 36.6 55.0



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: 0.391 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

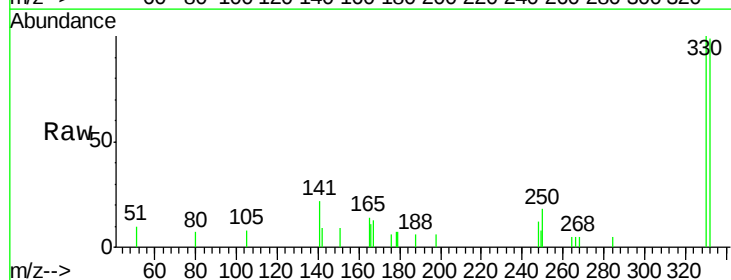
Tgt Ion:330 Resp: 1447

Ion Ratio Lower Upper

330 100

332 95.5 77.7 116.5

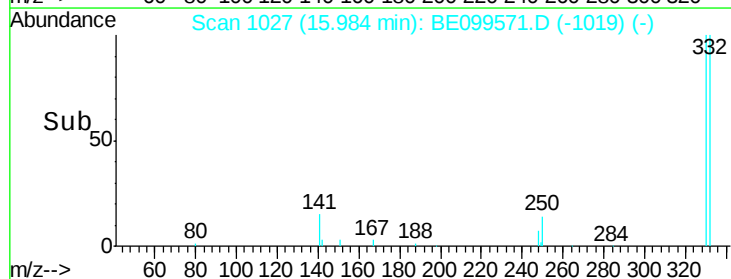
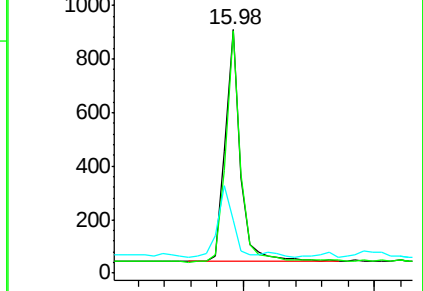
141 30.3 26.1 39.1

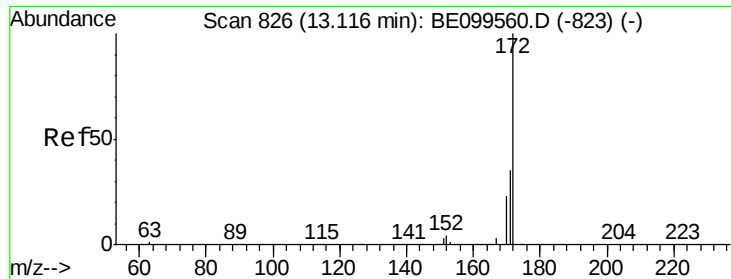


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

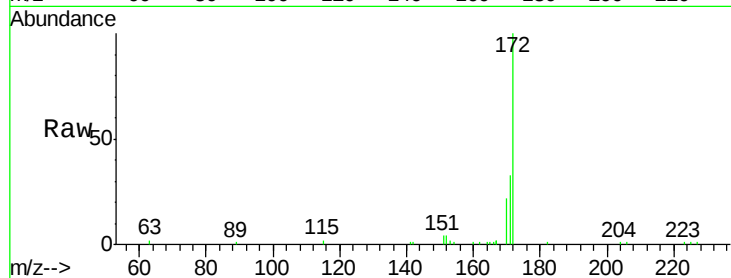




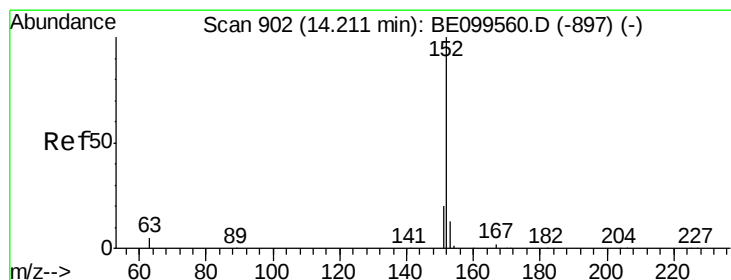
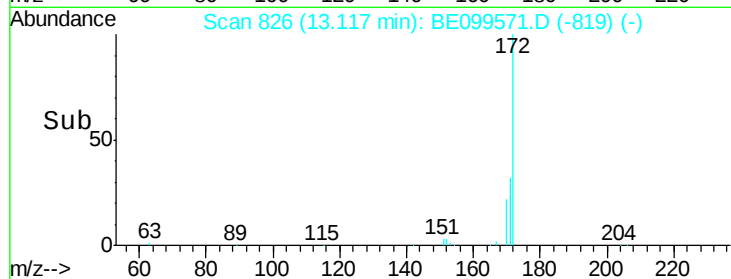
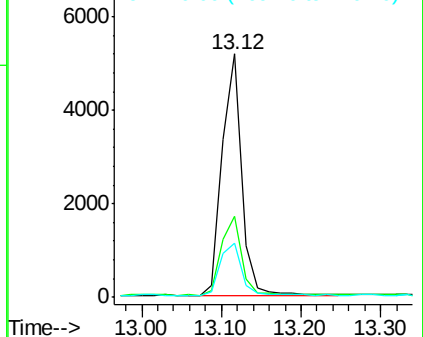
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 8774
Ion Ratio Lower Upper
172 100
171 33.2 28.4 42.6
170 22.5 18.8 28.2

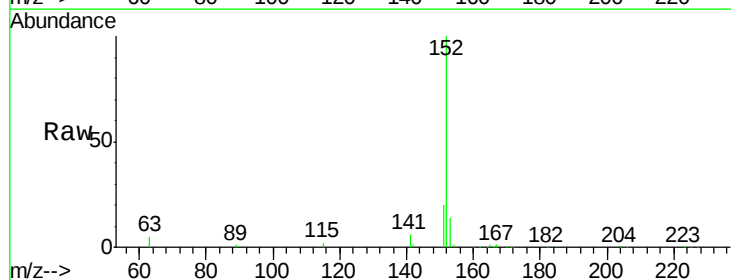


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

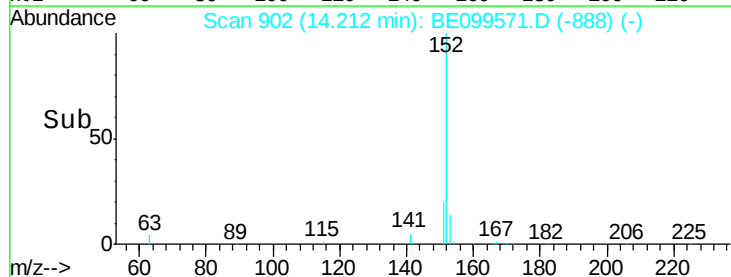
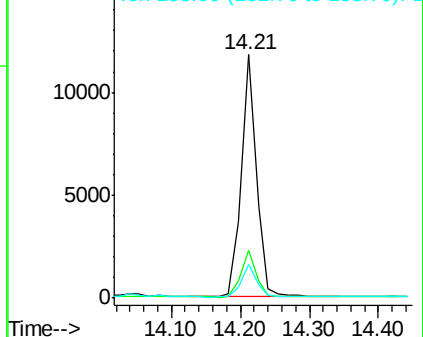


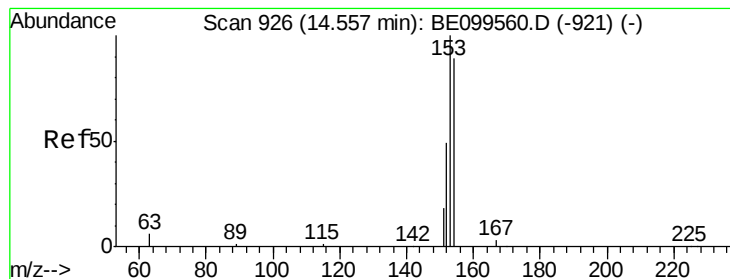
#16
Acenaphthylene
Concen: 0.672 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion:152 Resp: 18041
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 13.8 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.463 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

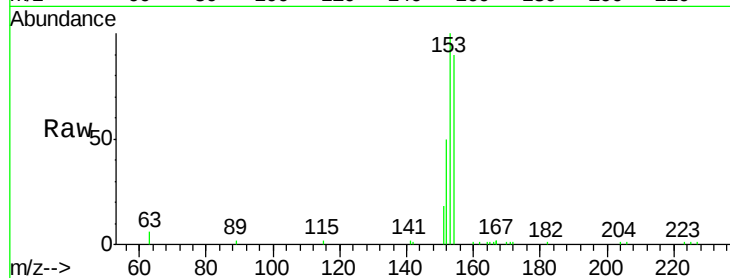
Tot Ion:154 Resp: 6937

Ion Ratio Lower Upper

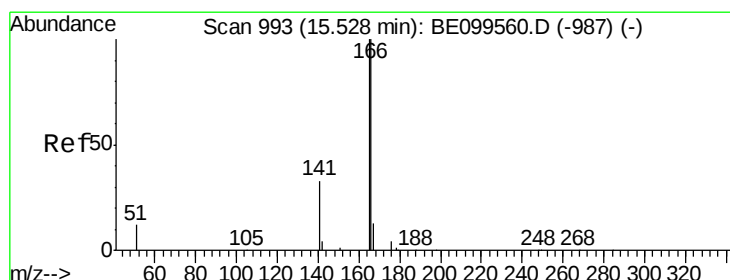
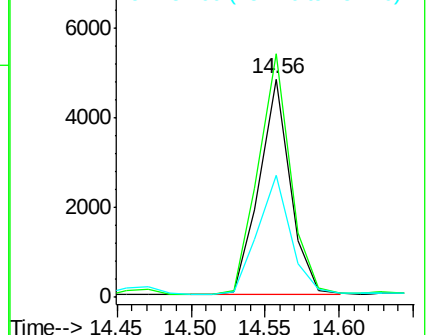
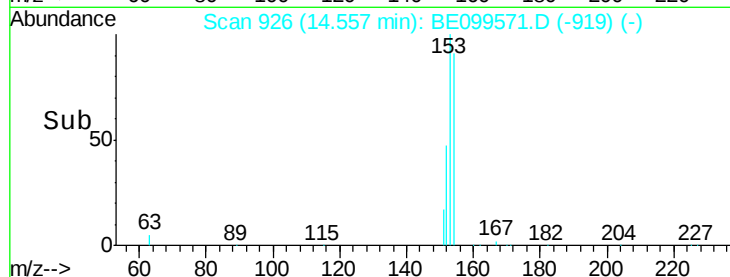
154 100

153 117.3 89.7 134.5

152 58.5 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: 0.705 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

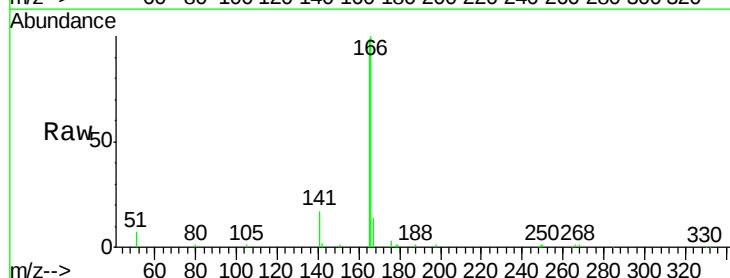
Tgt Ion:166 Resp: 15107

Ion Ratio Lower Upper

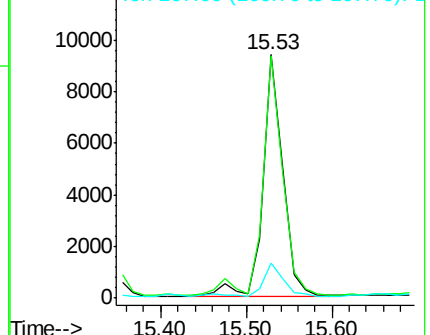
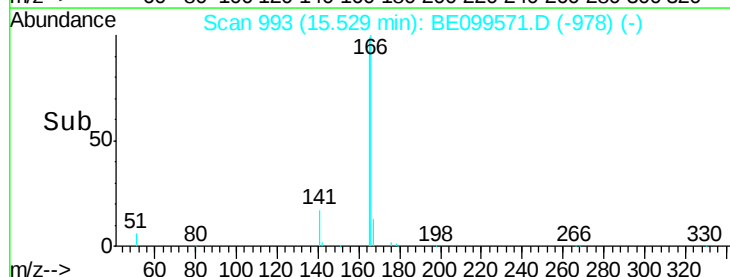
166 100

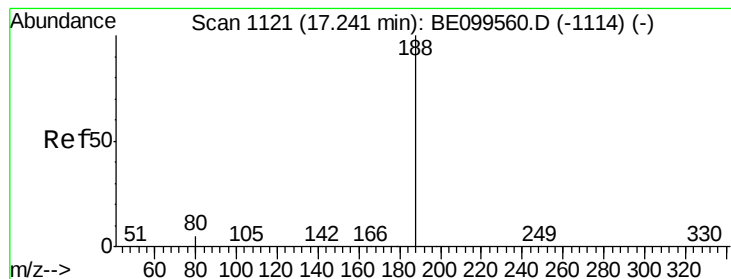
165 101.4 79.0 118.6

167 13.6 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: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

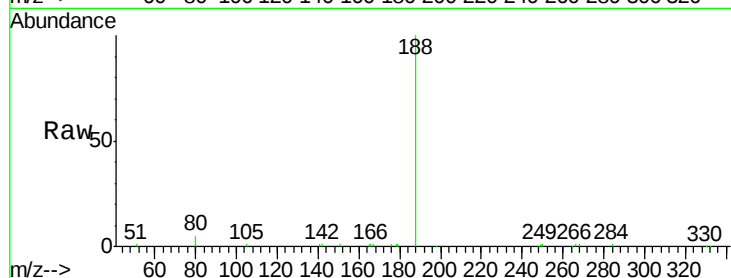
Tot Ion:188 Resp: 16044

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

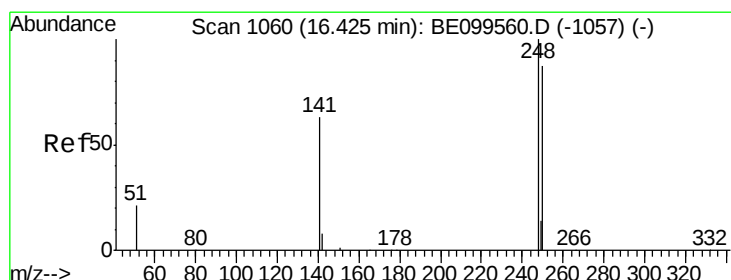
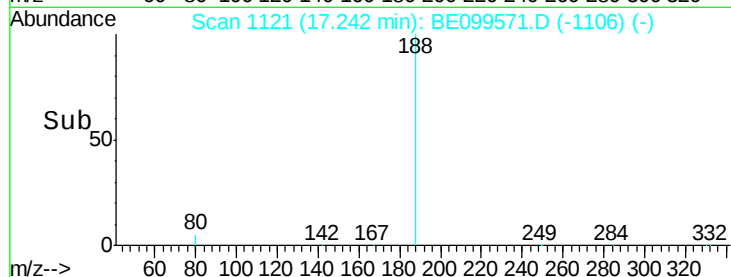
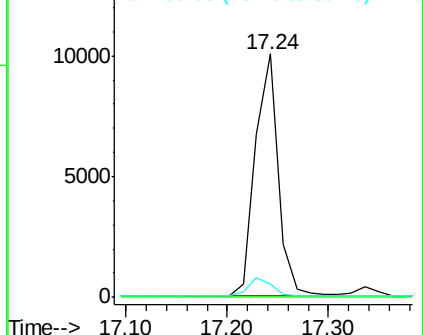
80 5.3 4.6 7.0



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: 0.401 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

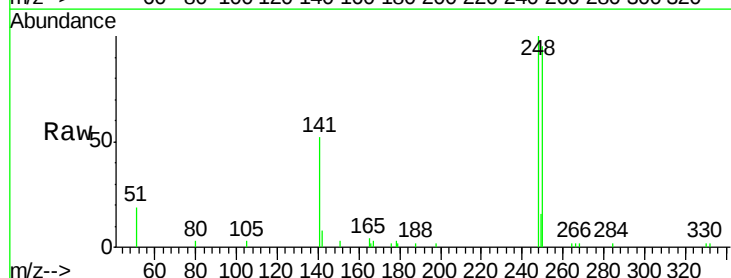
Tgt Ion:248 Resp: 3659

Ion Ratio Lower Upper

248 100

250 95.0 70.0 105.0

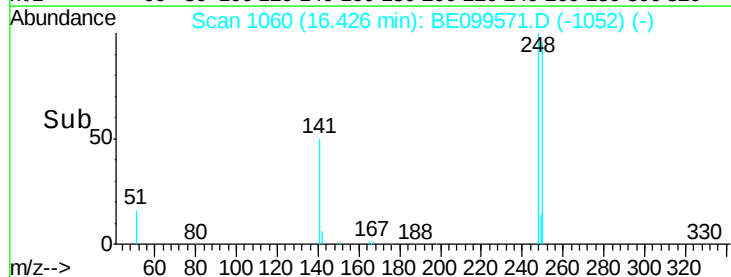
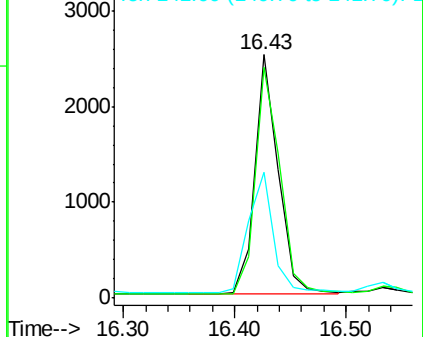
141 51.8 51.8 77.8#

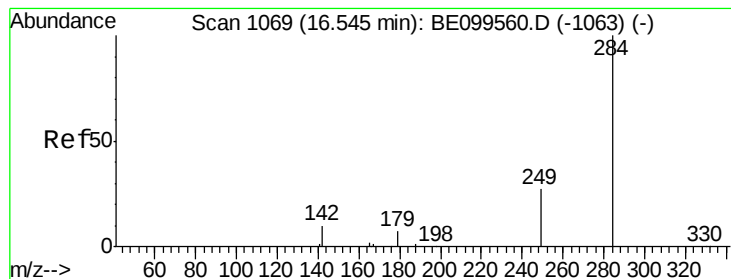


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.407 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

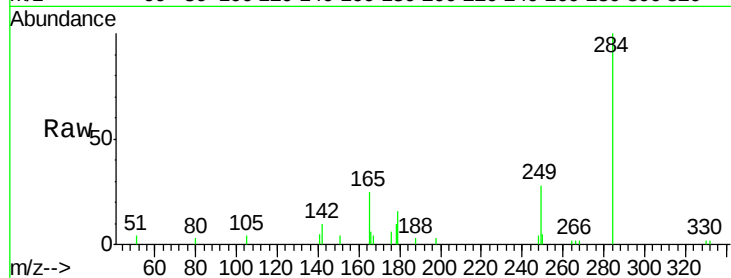
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:284 Resp: 3687

Ion	Ratio	Lower	Upper
284	100		
142	26.3	19.5	29.3
249	32.4	26.2	39.2

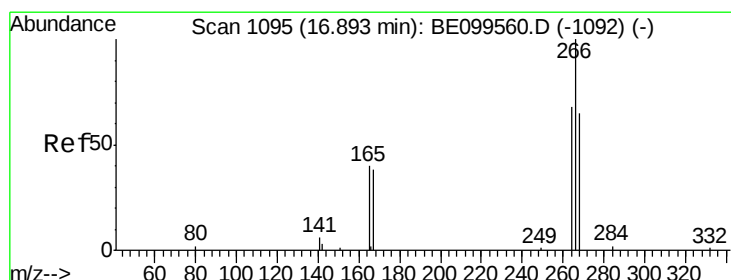
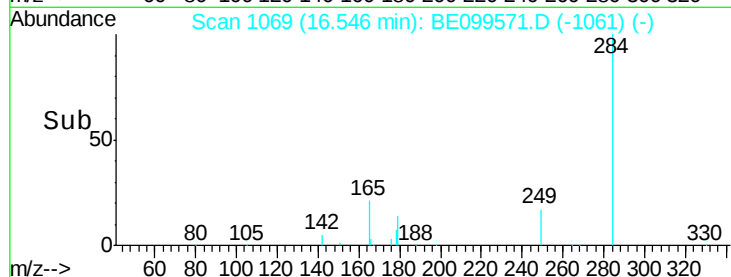
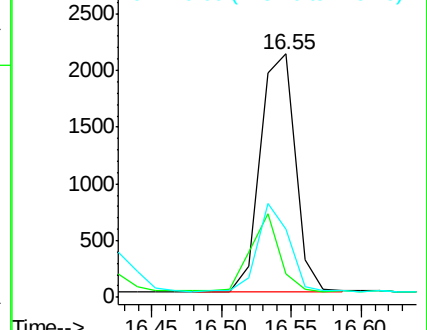


Abundance

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: 0.365 ng

RT: 16.89 min Scan# 1095

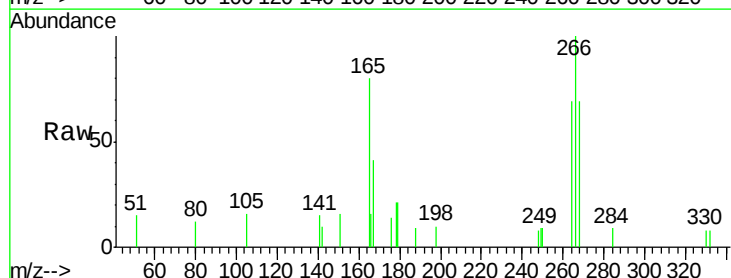
Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Tgt Ion:266 Resp: 1362

Ion	Ratio	Lower	Upper
266	100		
264	69.3	56.6	84.8
268	69.1	55.8	83.8

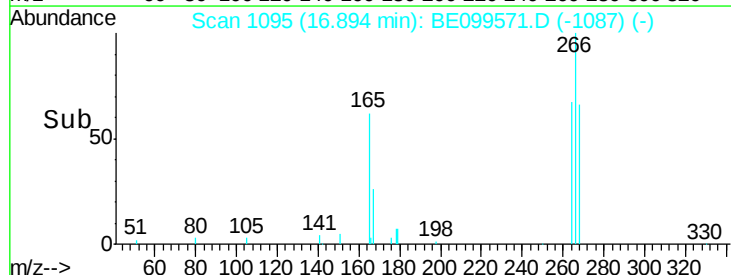
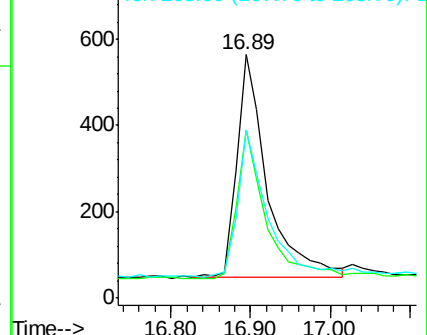


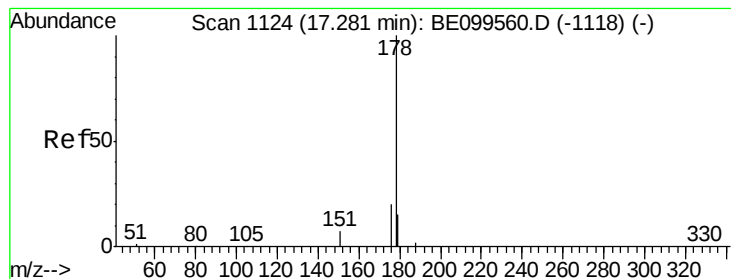
Abundance

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: 1.214 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

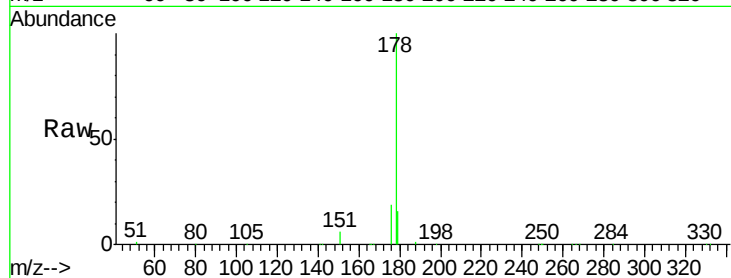
Tot Ion:178 Resp: 47988

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

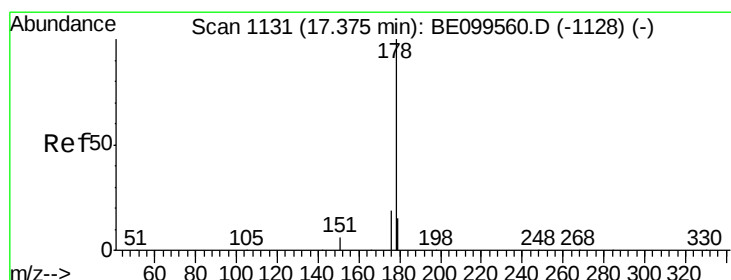
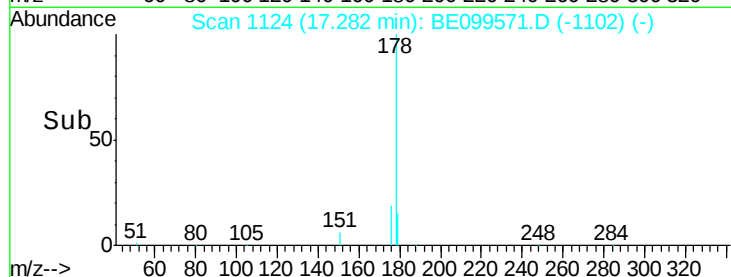
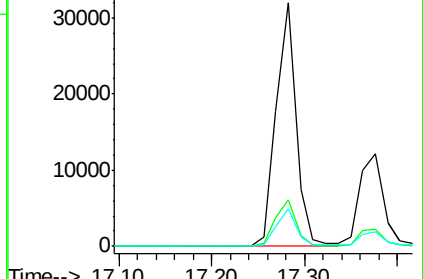
179 15.2 12.5 18.7



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: 0.563 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

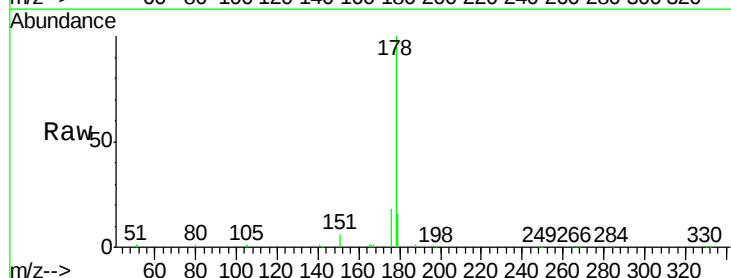
Tgt Ion:178 Resp: 21428

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

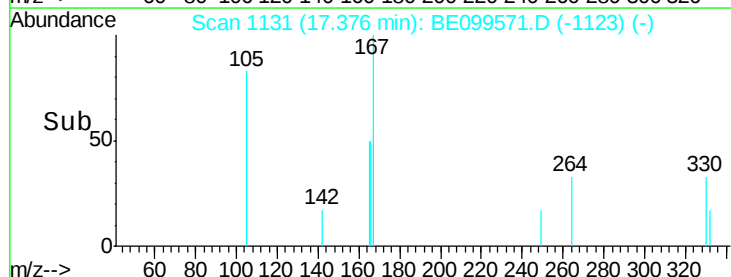
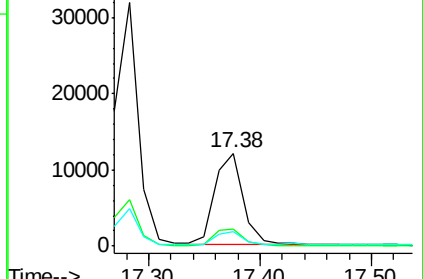
179 14.8 12.2 18.4

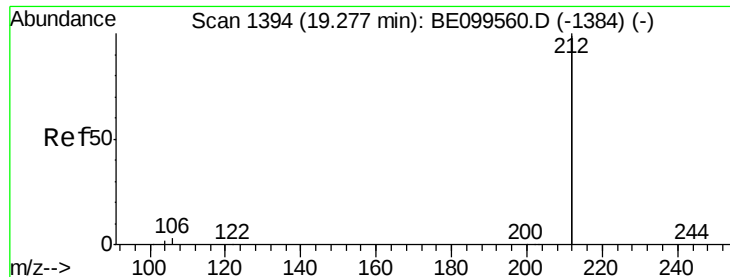


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

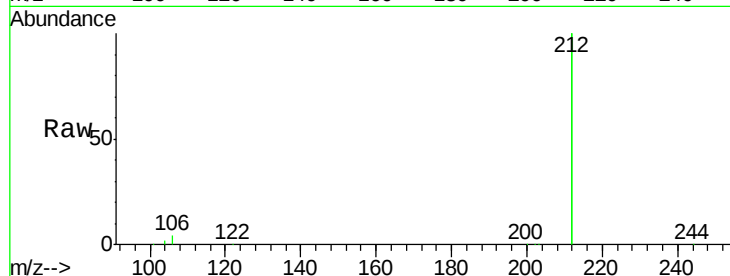
Tot Ion:212 Resp: 87215

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

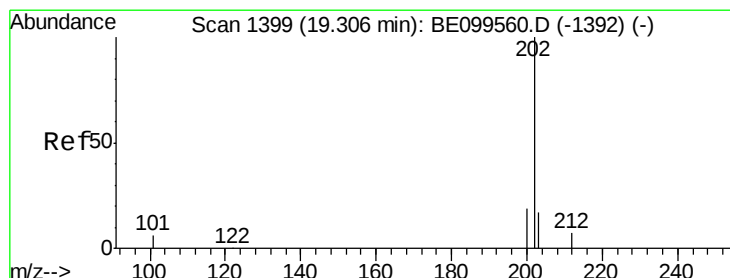
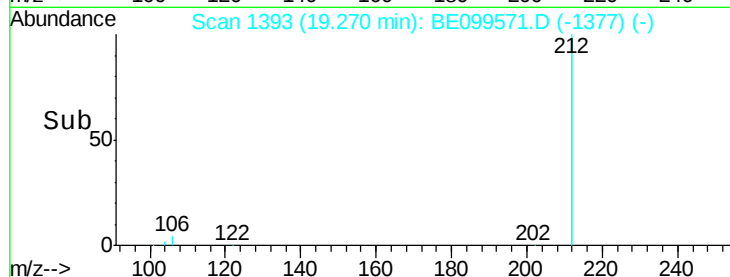
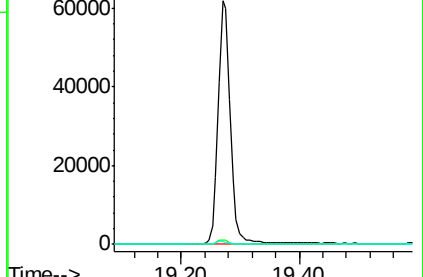
104 1.0 0.8 1.2



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: 0.658 ng

RT: 19.30 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

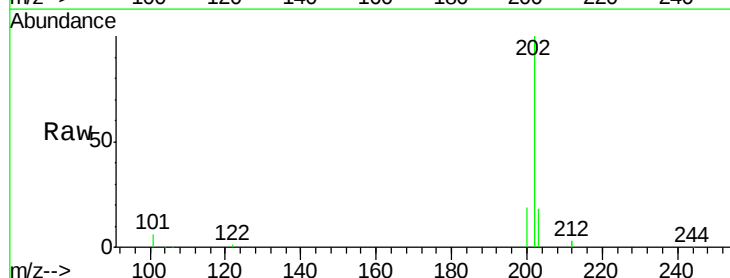
Tgt Ion:202 Resp: 40099

Ion Ratio Lower Upper

202 100

101 6.5 5.3 7.9

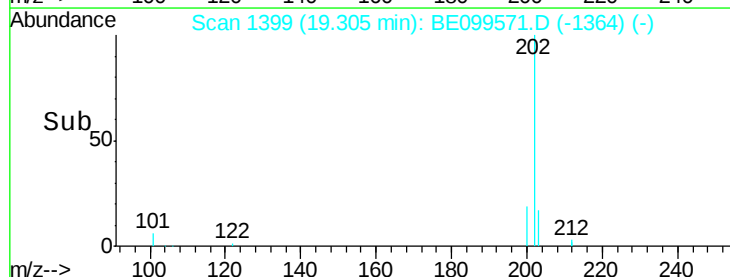
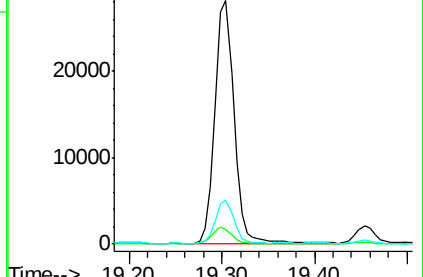
203 17.0 13.4 20.2

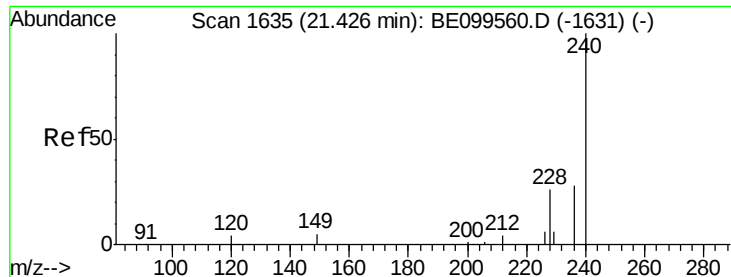


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

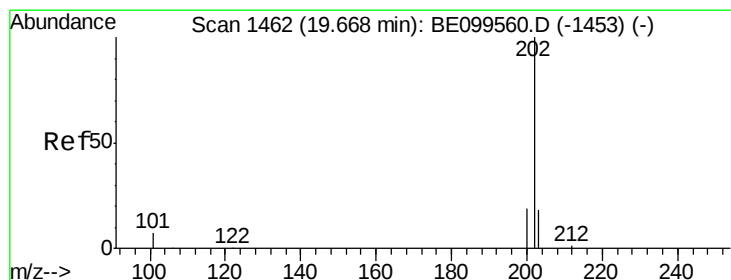
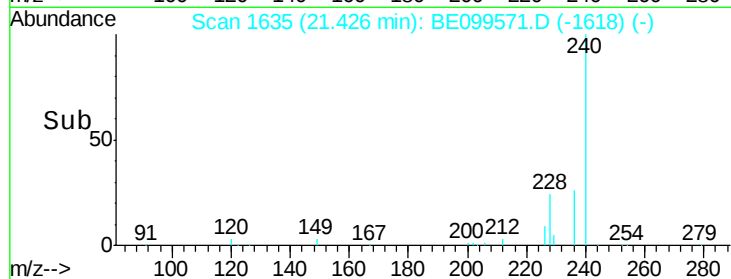
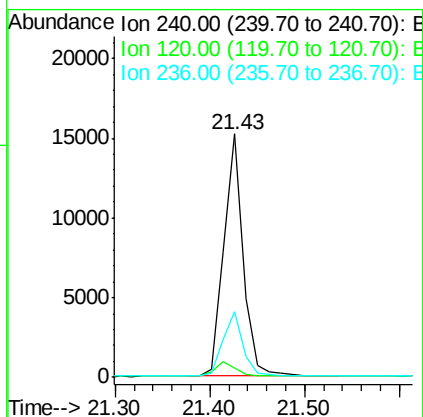
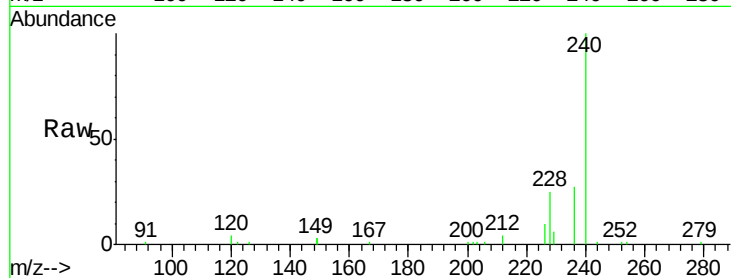




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

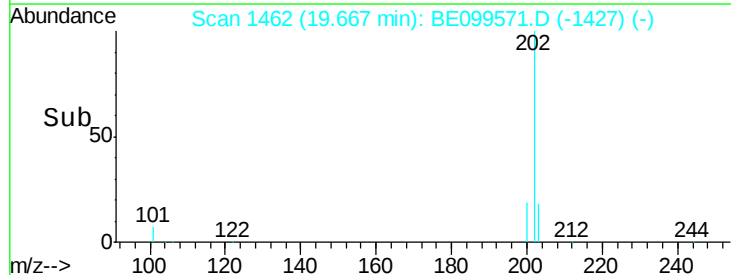
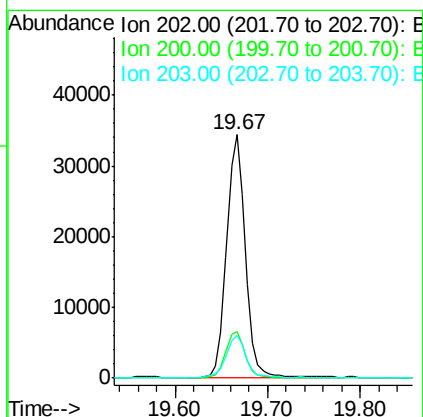
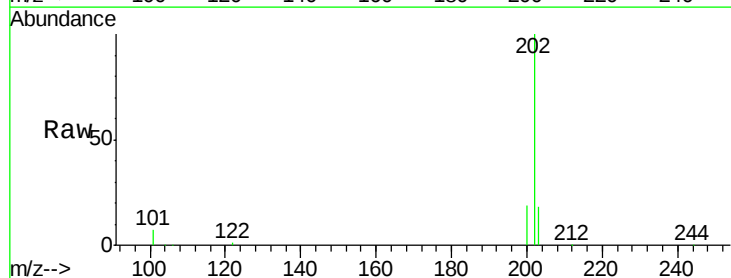
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

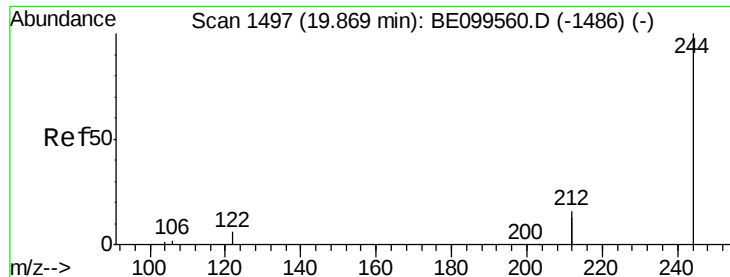
Tot Ion:240 Resp: 21513
Ion Ratio Lower Upper
240 100
120 3.7 3.8 5.6#
236 26.7 22.5 33.7



#28
Pyrene
Concen: 0.833 ng
RT: 19.67 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion:202 Resp: 48011
Ion Ratio Lower Upper
202 100
200 19.5 15.8 23.6
203 18.2 14.1 21.1





#29

Terphenyl-d14

Concen: 0.464 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

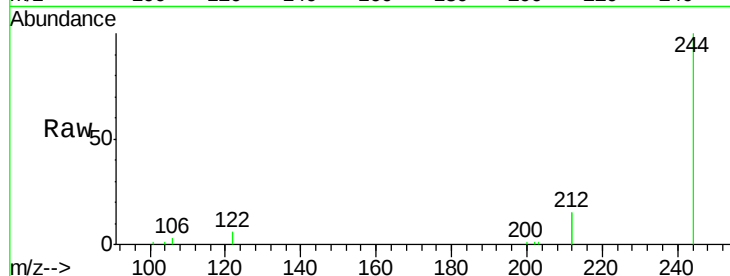
Tot Ion:244 Resp: 18492

Ion Ratio Lower Upper

244 100

212 30.3 24.6 37.0

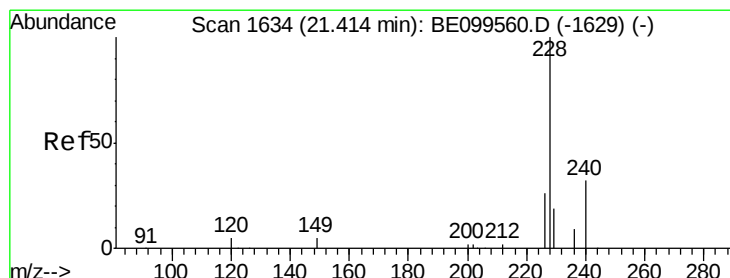
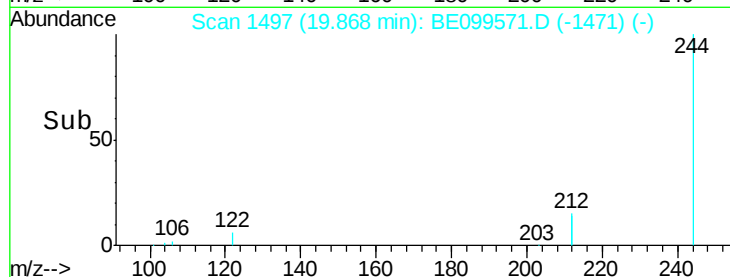
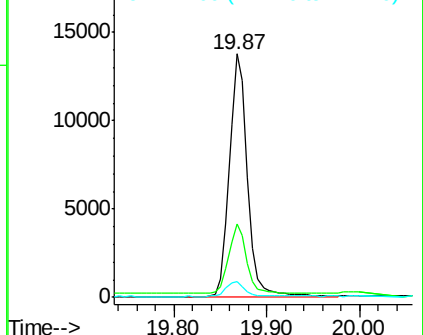
122 6.3 5.0 7.6



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: 0.584 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

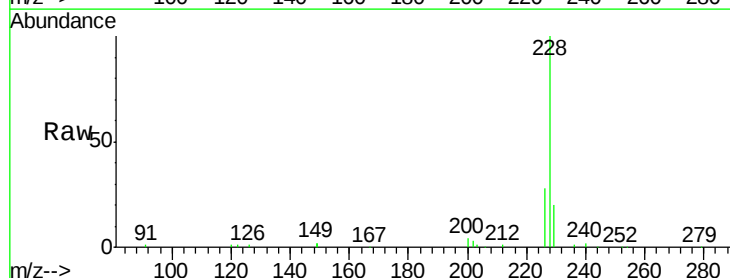
Tgt Ion:228 Resp: 38945

Ion Ratio Lower Upper

228 100

226 28.0 20.9 31.3

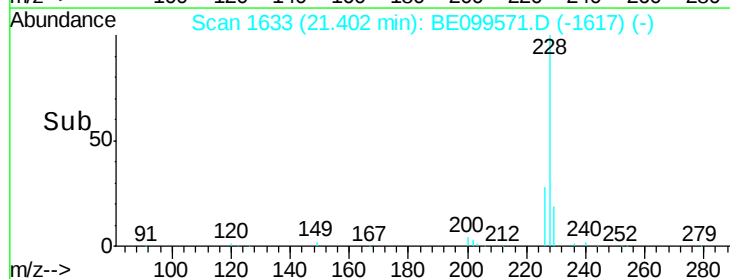
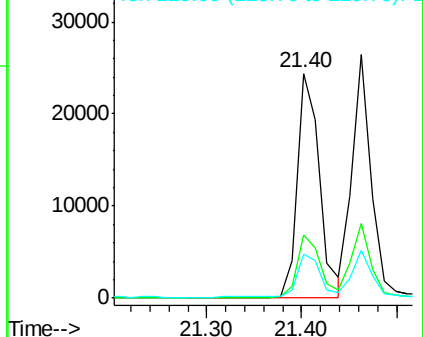
229 19.6 16.1 24.1

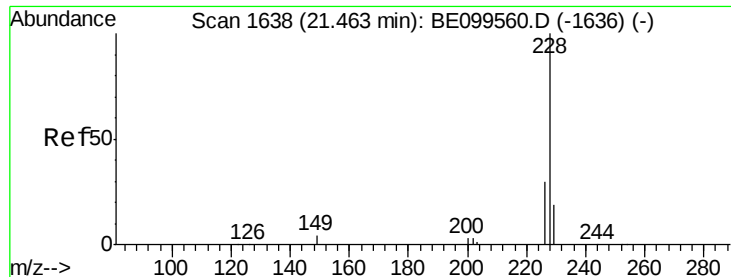


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.553 ng

RT: 21.46 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

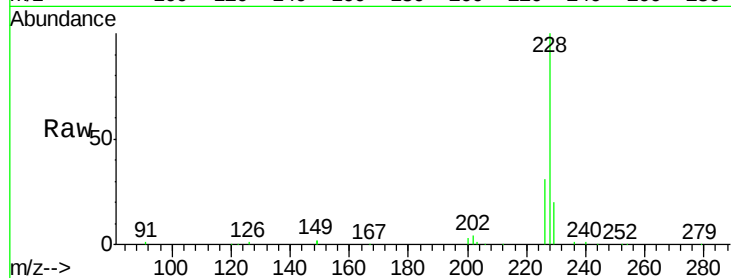
Tot Ion:228 Resp: 36398

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

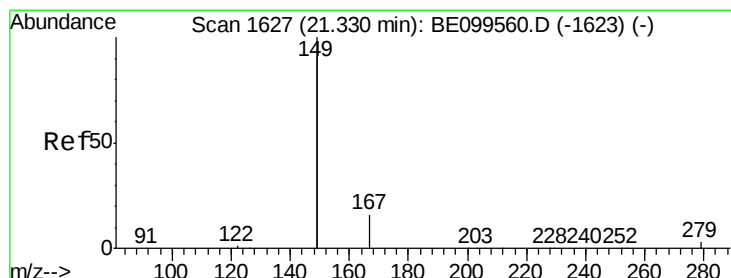
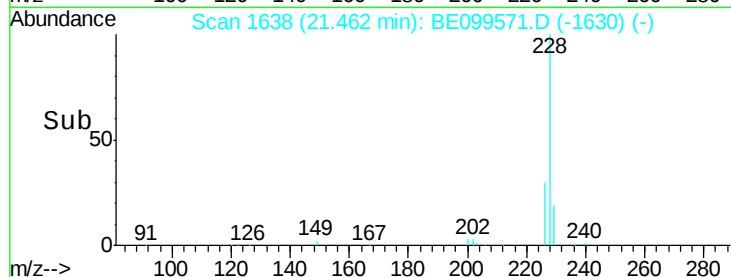
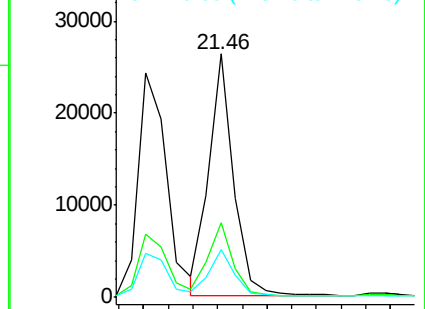
229 19.8 15.8 23.6



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: 0.473 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

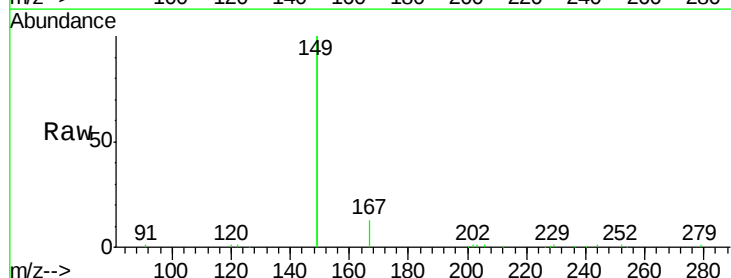
Tgt Ion:149 Resp: 49985

Ion Ratio Lower Upper

149 100

167 7.3 6.1 9.1

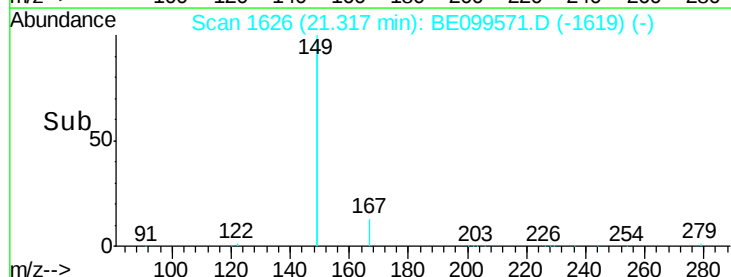
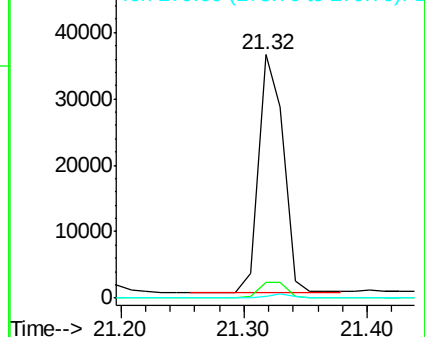
279 1.4 1.3 1.9

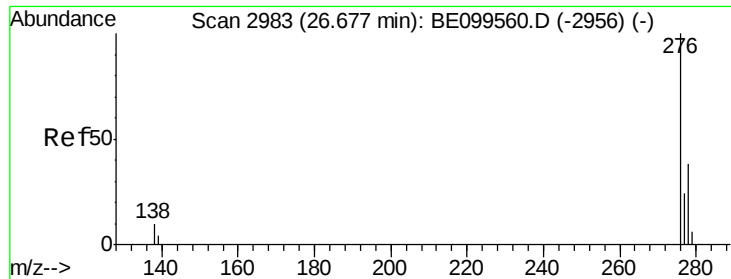


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

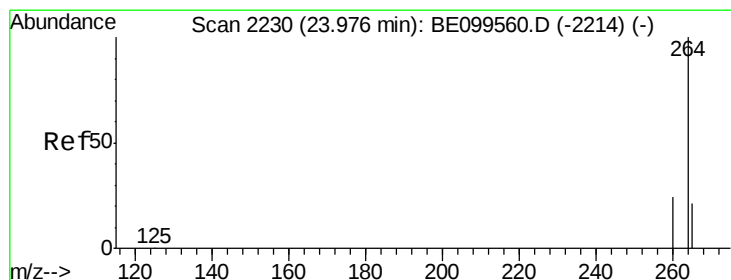
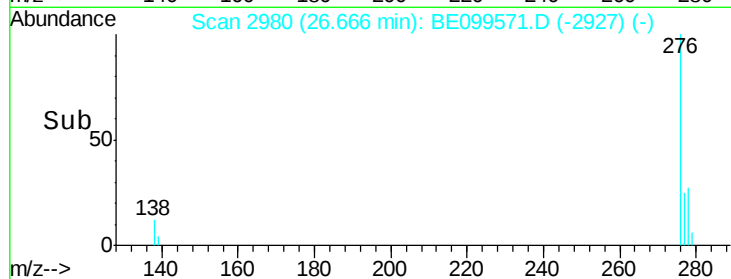
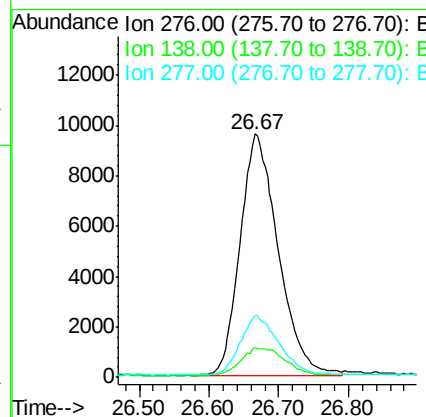
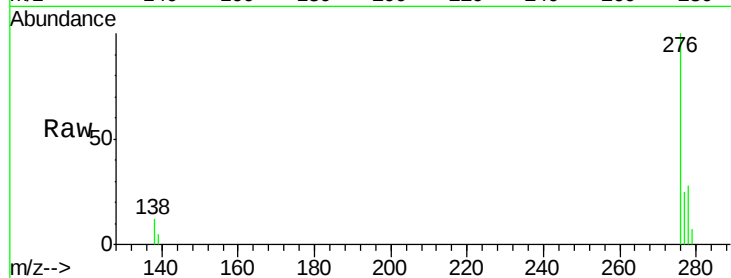




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.465 ng
 RT: 26.67 min Scan# 2980
 Delta R.T. -0.01 min
 Lab File: BE099571.D
 Acq: 7 May 2019 19:14

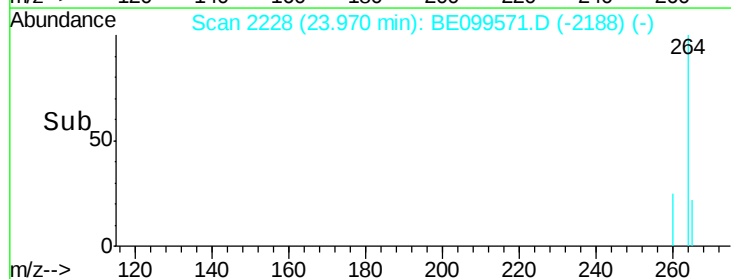
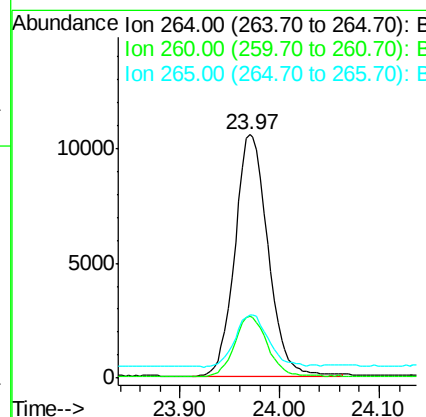
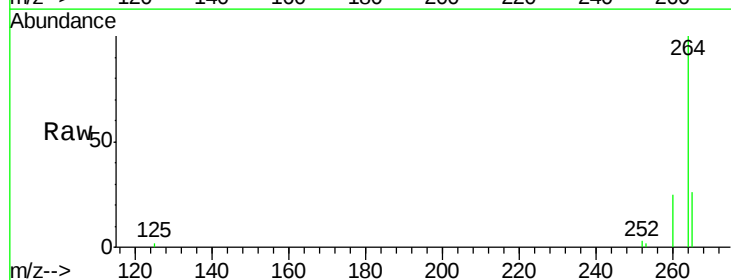
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

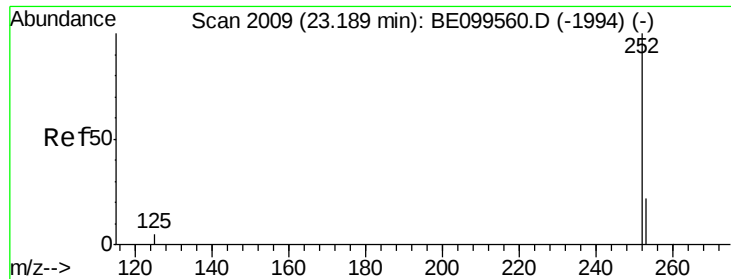
Tot Ion:276 Resp: 36342
 Ion Ratio Lower Upper
 276 100
 138 13.1 9.5 14.3
 277 24.6 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.97 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BE099571.D
 Acq: 7 May 2019 19:14

Tgt Ion:264 Resp: 24224
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.9 29.9
 265 25.9 22.2 33.2

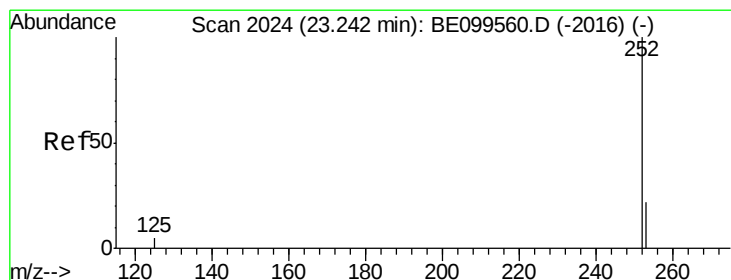
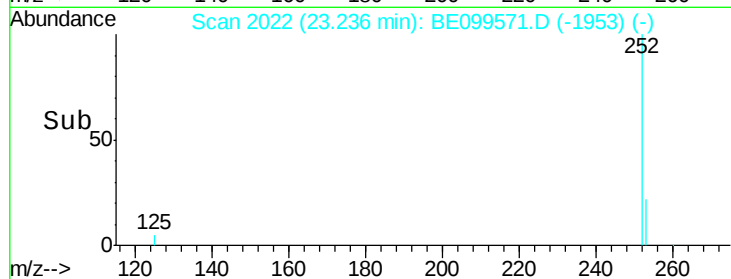
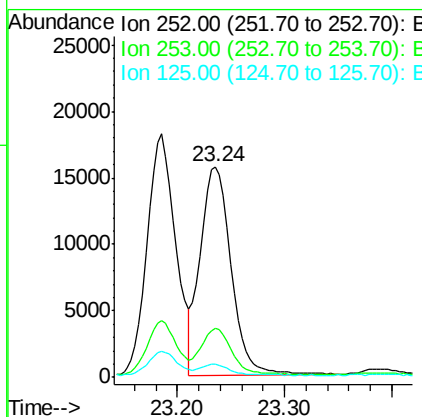
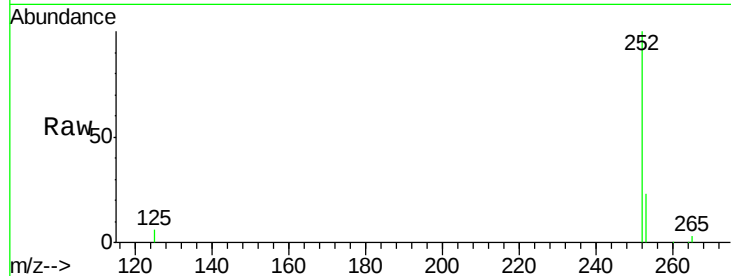




#35
Benzo(b)fluoranthene
Concen: 0.467 ng
RT: 23.24 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

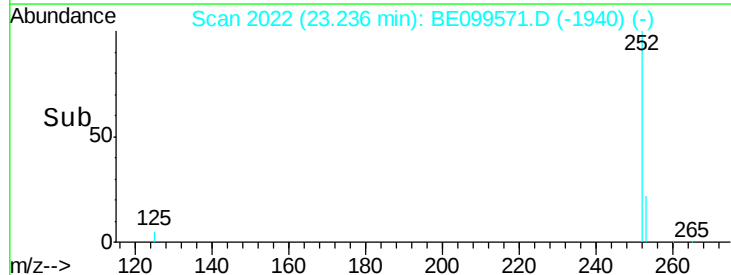
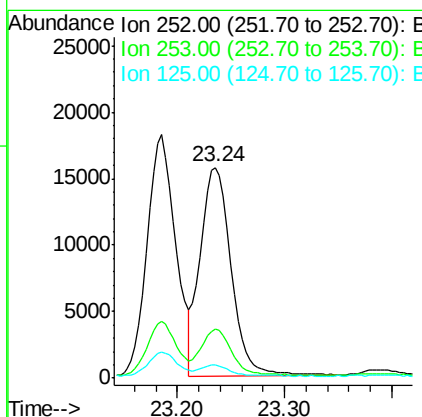
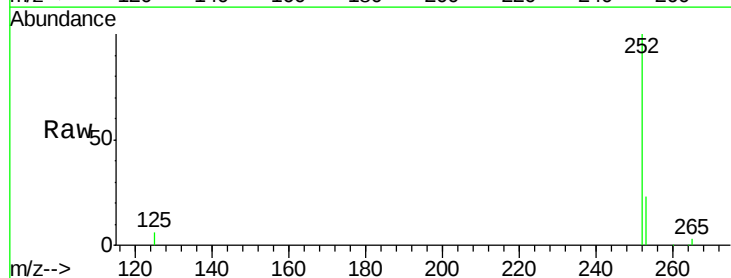
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

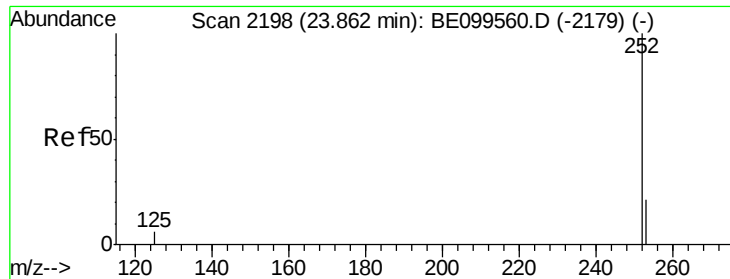
Tot Ion:252 Resp: 31210
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.4
125 6.3 5.8 8.6



#36
Benzo(k)fluoranthene
Concen: 0.479 ng
RT: 23.24 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BE099571.D
Acq: 7 May 2019 19:14

Tgt Ion:252 Resp: 31498
Ion Ratio Lower Upper
252 100
253 23.1 19.1 28.7
125 6.3 5.8 8.6





#37

Benzo(a)pyrene

Concen: 0.512 ng

RT: 23.85 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

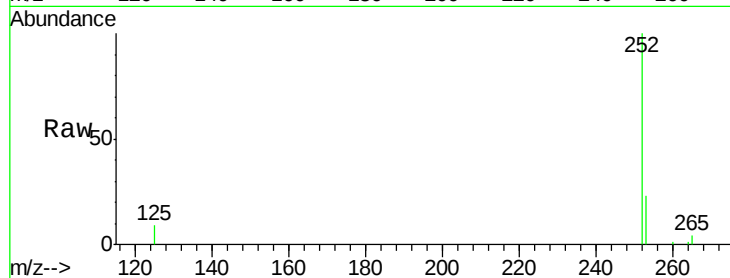
Tot Ion:252 Resp: 32965

Ion Ratio Lower Upper

252 100

253 23.2 18.9 28.3

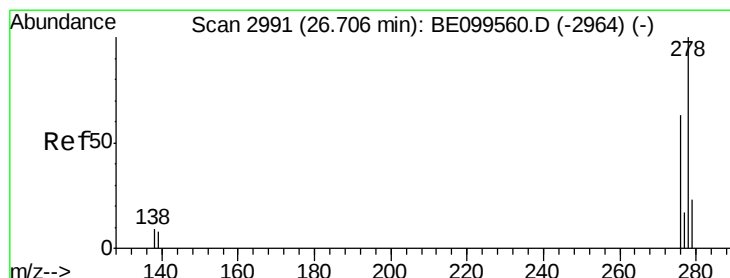
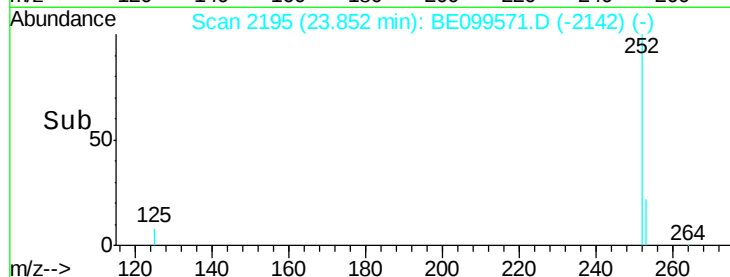
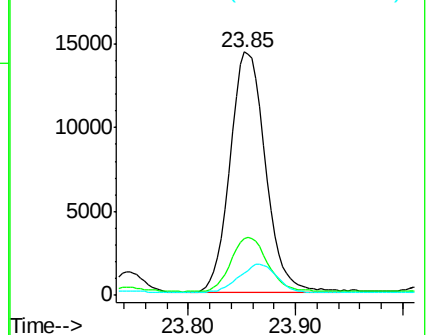
125 9.2 6.6 9.8



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: 0.431 ng

RT: 26.70 min Scan# 2989

Delta R.T. -0.01 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

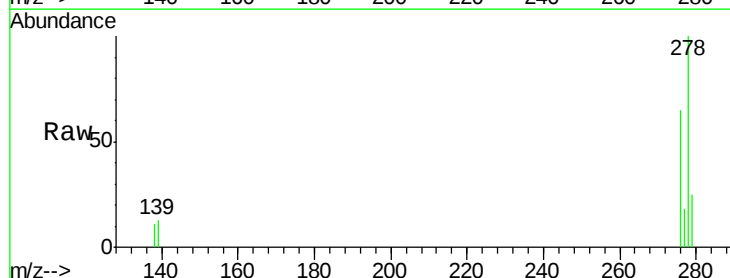
Tgt Ion:278 Resp: 28701

Ion Ratio Lower Upper

278 100

139 12.6 7.7 11.5#

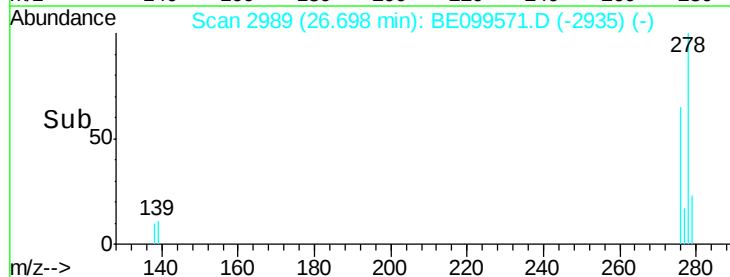
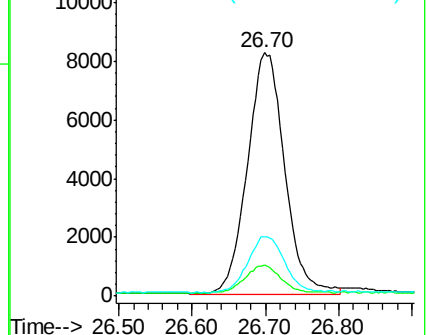
279 24.5 21.0 31.4

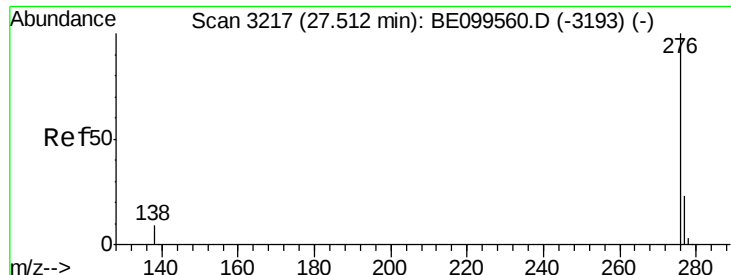


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.452 ng

RT: 27.51 min Scan# 3216

Delta R.T. -0.00 min

Lab File: BE099571.D

Acq: 7 May 2019 19:14

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

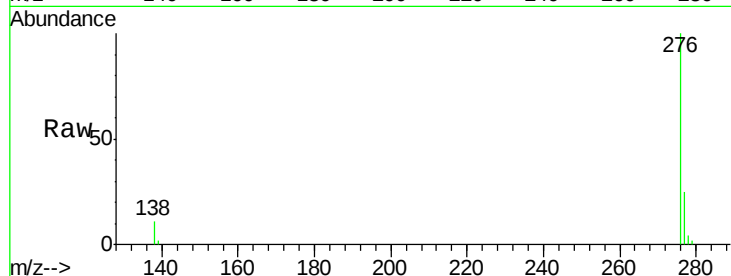
Tot Ion:276 Resp: 30141

Ion Ratio Lower Upper

276 100

277 25.0 19.7 29.5

138 11.2 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

