

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
 Data File : BE099684.D
 Acq On : 21 May 2019 5:31
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 21 06:45:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 19:29:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1734	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	6275	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	4741	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	14288	0.40	ng	0.00
27) Chrysene-d12	21.42	240	21091	0.40	ng	0.00
34) Perylene-d12	23.95	264	25969	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	1660	0.38	ng	0.00
5) Phenol-d6	6.97	99	2254	0.39	ng	0.00
8) Nitrobenzene-d5	8.98	82	2073	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4001	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1095	0.43	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6440	0.36	ng	0.00
25) Fluoranthene-d10	19.26	212	70236	0.36	ng	0.00
29) Terphenyl-d14	19.86	244	14577	0.39	ng	0.00

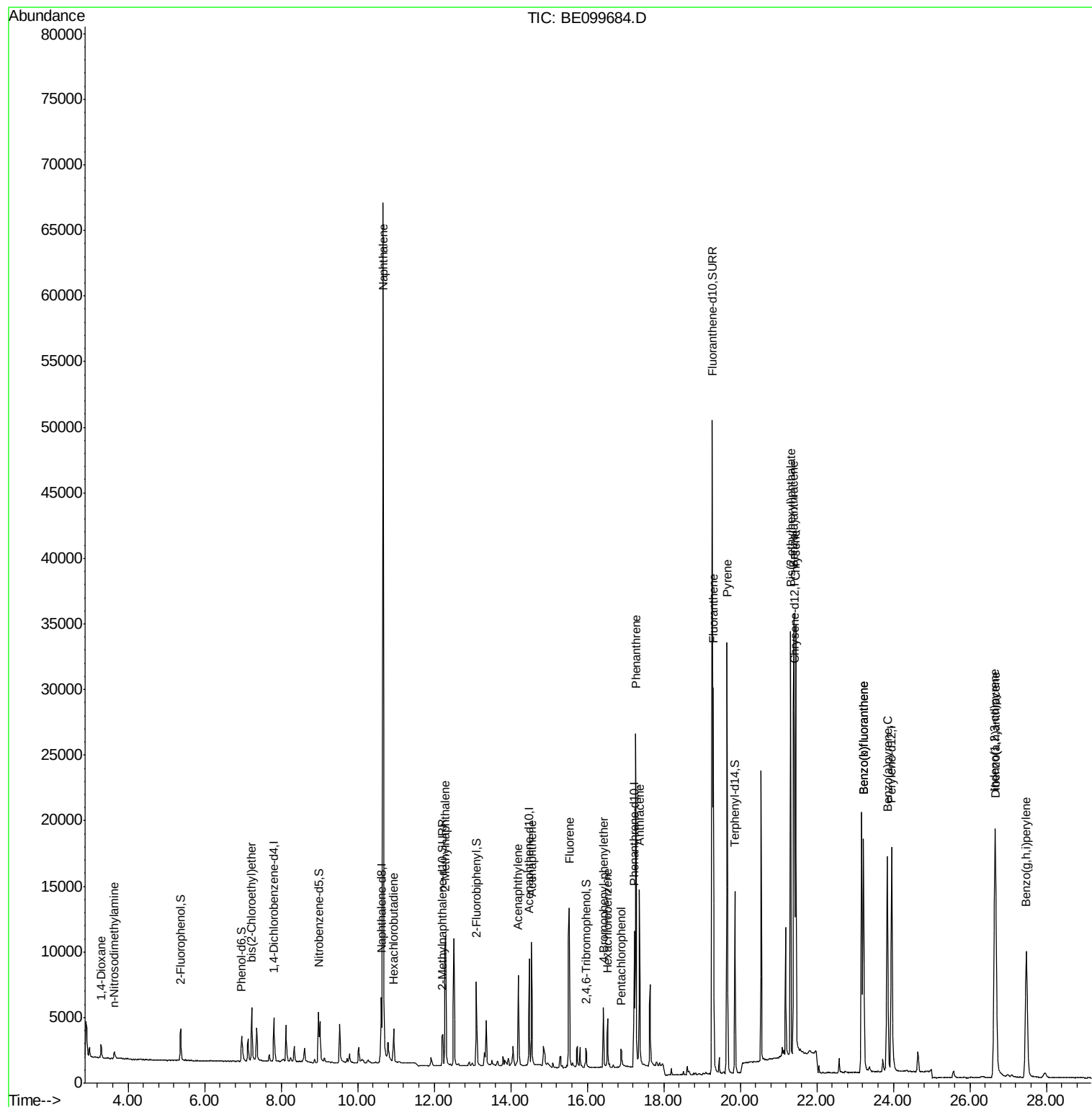
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	928	0.362	ng	# 93
3) n-Nitrosodimethylamine	3.64	42	365	0.258	ng	# 67
6) bis(2-Chloroethyl)ether	7.23	93	1848	0.358	ng	97
9) Naphthalene	10.67	128	111429	1.661	ng	99
10) Hexachlorobutadiene	10.94	225	1761	0.356	ng	99
12) 2-Methylnaphthalene	12.30	142	8647	0.790	ng	98
16) Acenaphthylene	14.20	152	8957	0.405	ng	99
17) Acenaphthene	14.54	154	4620	0.373	ng	98
18) Fluorene	15.53	166	9212	0.504	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	2965	0.360	ng	97
21) Hexachlorobenzene	16.53	284	3085	0.366	ng	99
22) Pentachlorophenol	16.89	266	1251	0.647	ng	91
23) Phenanthrene	17.27	178	27612	0.791	ng	100
24) Anthracene	17.36	178	14591	0.461	ng	99
26) Fluoranthene	19.29	202	27389	0.496	ng	100
28) Pyrene	19.66	202	31312	0.591	ng	99
30) Benzo(a)anthracene	21.40	228	29713	0.496	ng	99
31) Chrysene	21.45	228	29107	0.454	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	40236	0.583	ng	99
33) Indeno(1,2,3-cd)pyrene	26.65	276	33199	0.429	ng	99
35) Benzo(b)fluoranthene	23.22	252	27238	0.383	ng	99
36) Benzo(k)fluoranthene	23.22	252	27647	0.373	ng	100
37) Benzo(a)pyrene	23.84	252	28454	0.416	ng	# 96
38) Dibenzo(a,h)anthracene	26.68	278	26235	0.365	ng	# 96
39) Benzo(g,h,i)perylene	27.47	276	26873	0.370	ng	99

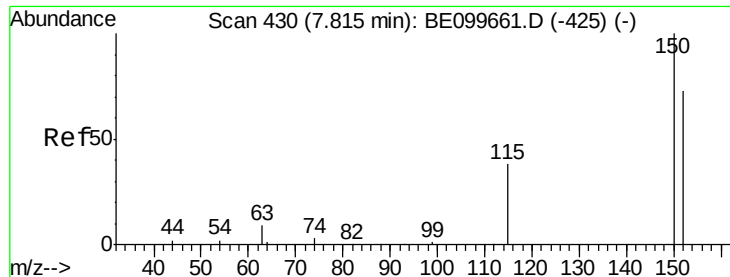
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
Data File : BE099684.D
Acq On : 21 May 2019 5:31
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 21 06:45:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

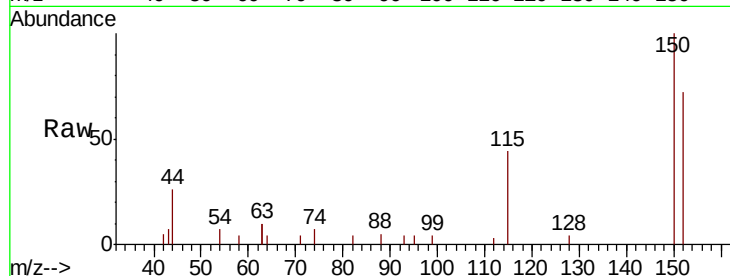
Tgt Ion: 152 Resp: 1734

Ion Ratio Lower Upper

152 100

150 138.8 109.2 163.8

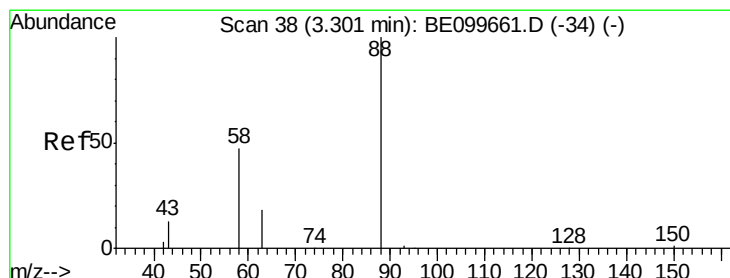
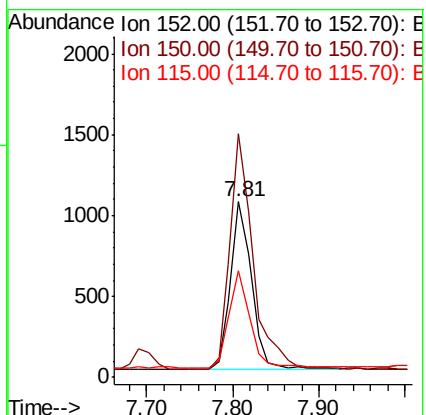
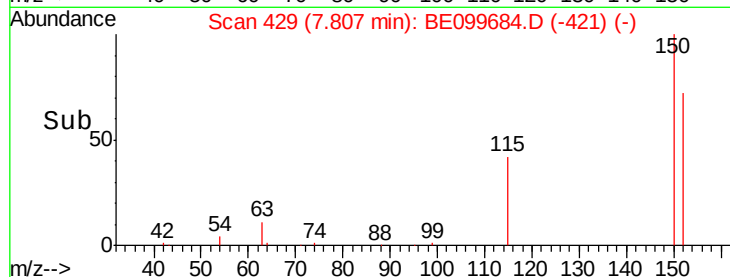
115 61.0 43.7 65.5



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: 0.362 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

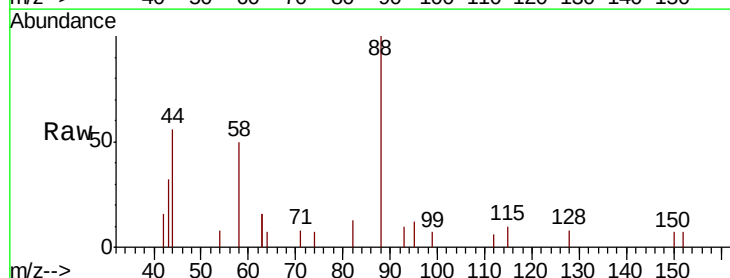
Tgt Ion: 88 Resp: 928

Ion Ratio Lower Upper

88 100

58 55.6 41.8 62.8

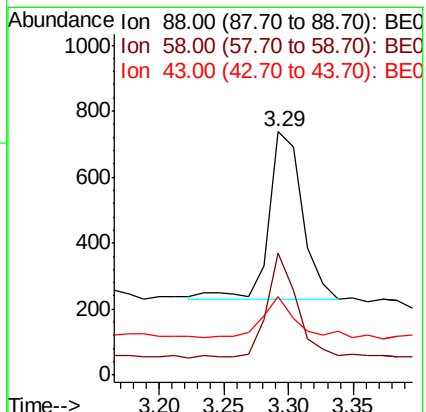
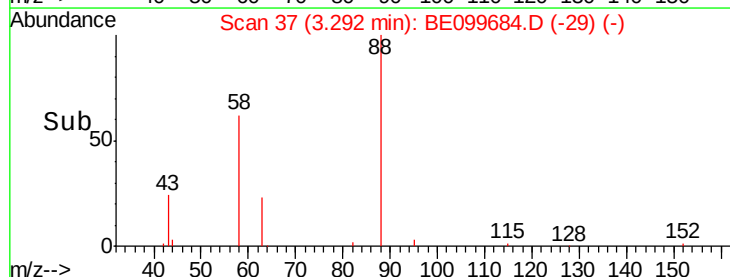
43 24.5 15.0 22.4#

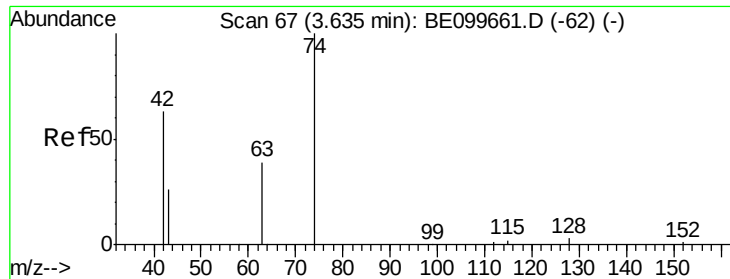


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.258 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

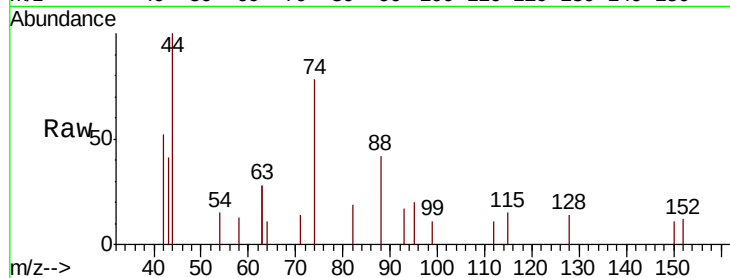
Tgt Ion: 42 Resp: 365

Ion Ratio Lower Upper

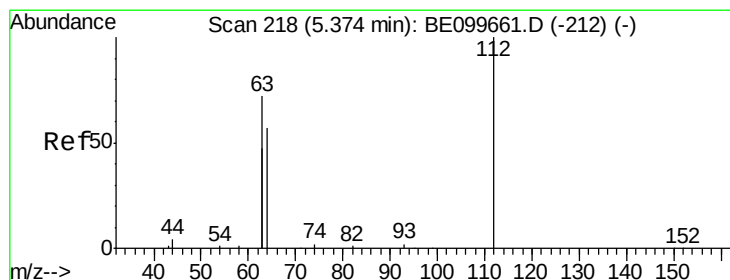
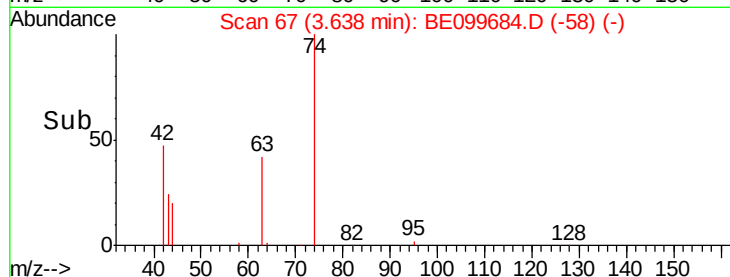
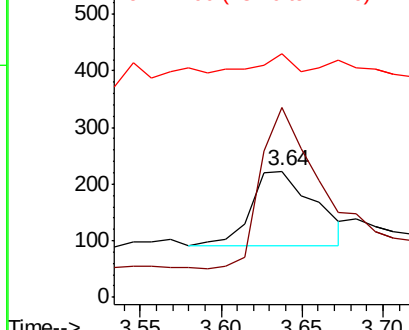
42 100

74 205.5 129.2 193.8#

44 7.4 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: 0.379 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

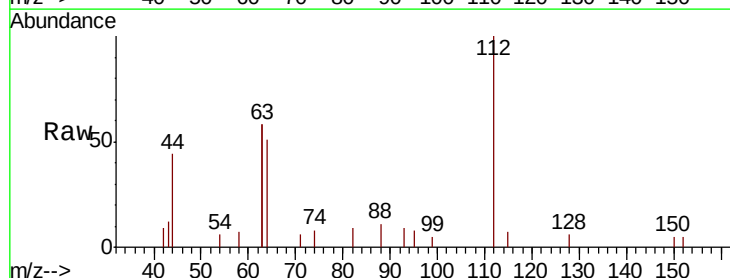
Tgt Ion: 112 Resp: 1660

Ion Ratio Lower Upper

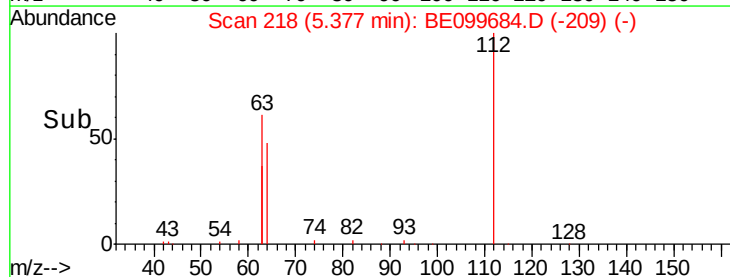
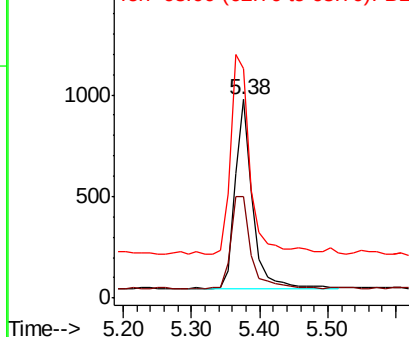
112 100

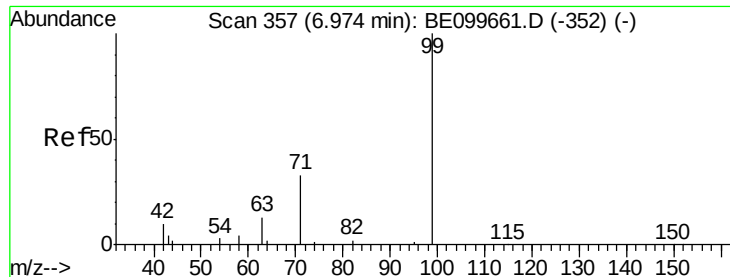
64 56.5 43.4 65.2

63 118.6 96.9 145.3



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: 0.389 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

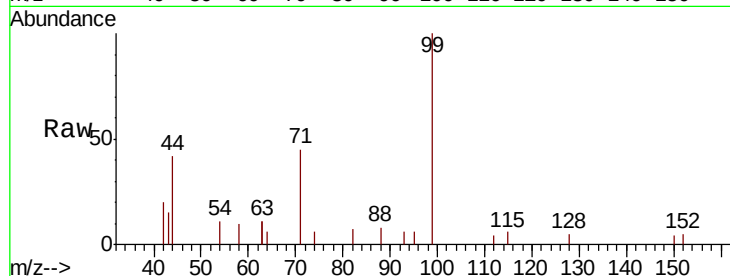
Tgt Ion: 99 Resp: 2254

Ion Ratio Lower Upper

99 100

42 16.9 12.2 18.2

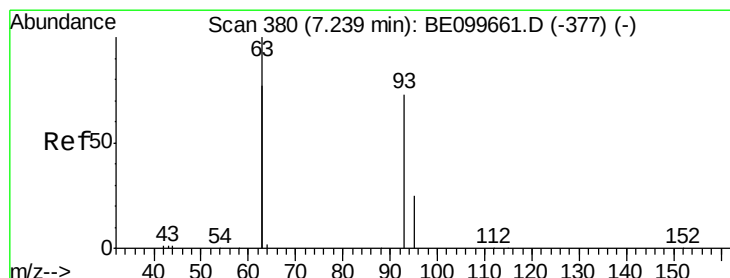
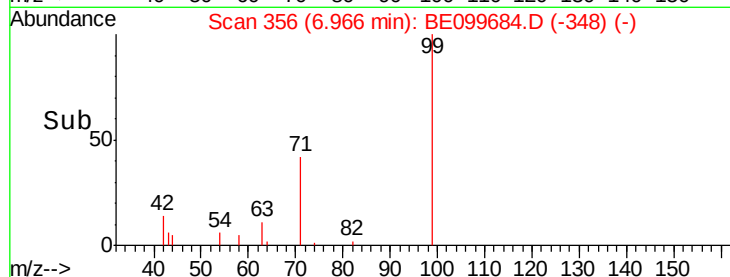
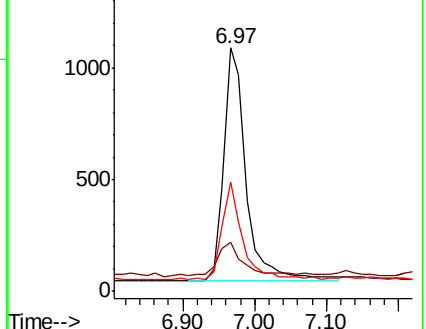
71 38.5 28.9 43.3



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: 0.358 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

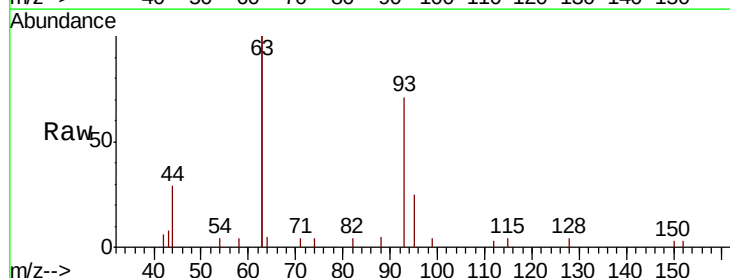
Tgt Ion: 93 Resp: 1848

Ion Ratio Lower Upper

93 100

63 262.5 207.8 311.6

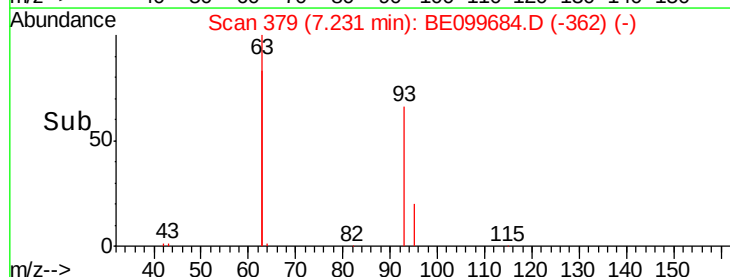
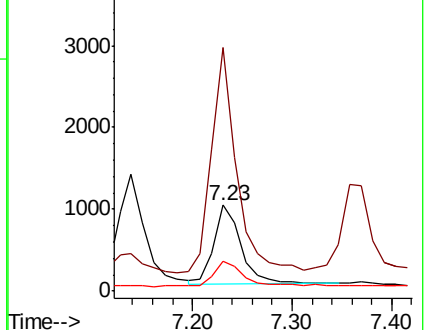
95 38.7 25.9 38.9

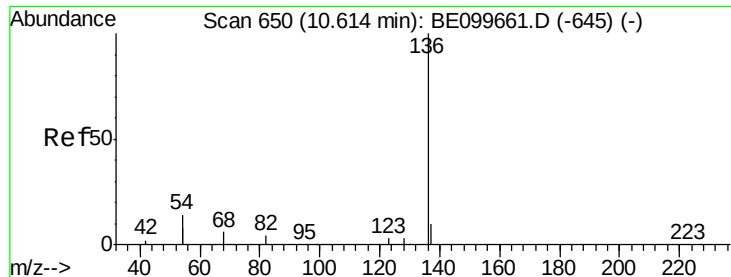


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 6275

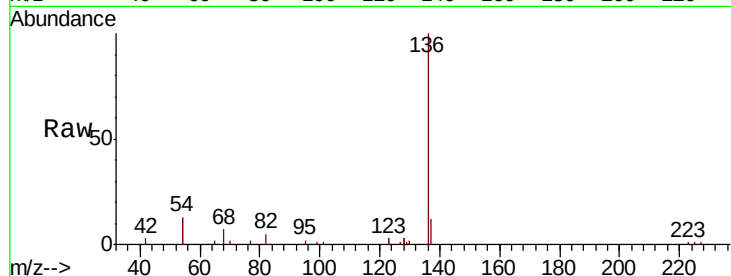
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 25.1 22.3 33.5

68 6.5 6.0 9.0

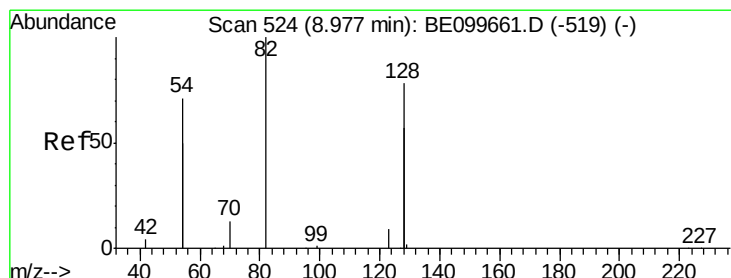
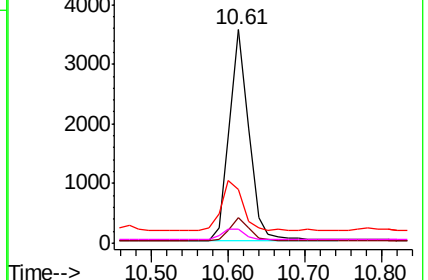
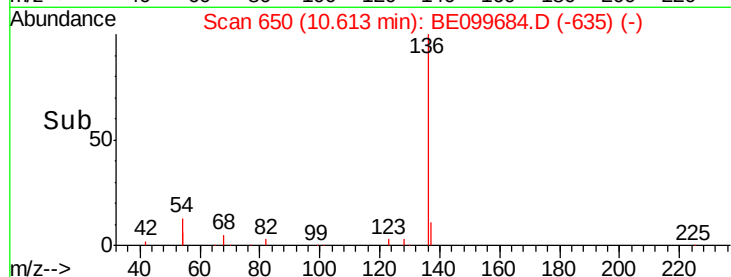


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.382 ng

RT: 8.98 min Scan# 524

Delta R.T. -0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

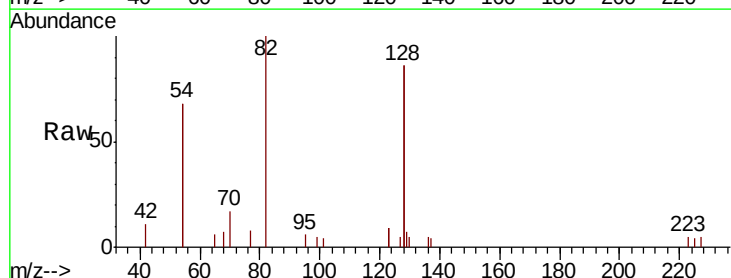
Tgt Ion: 82 Resp: 2073

Ion Ratio Lower Upper

82 100

128 171.6 117.7 176.5

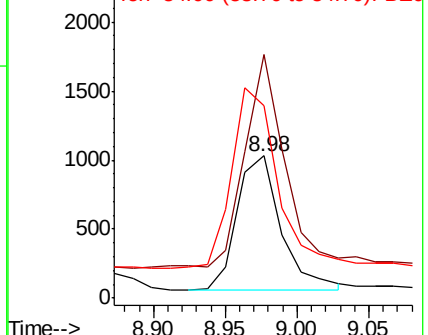
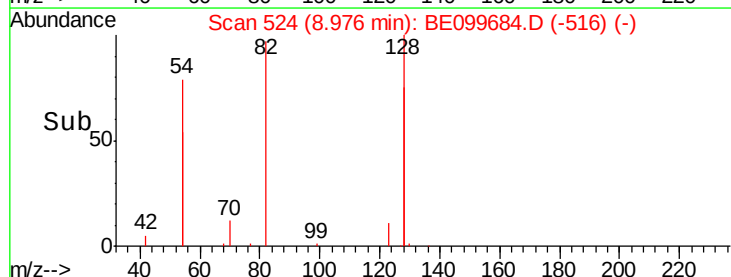
54 135.8 106.6 160.0

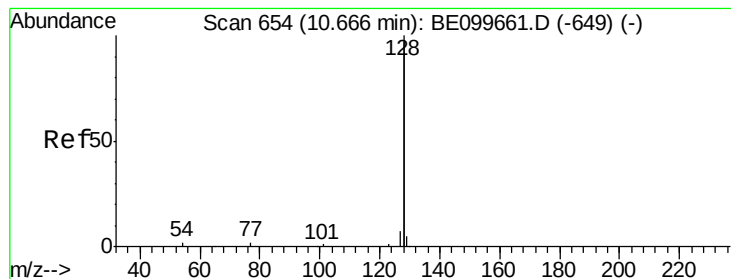


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 1.661 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

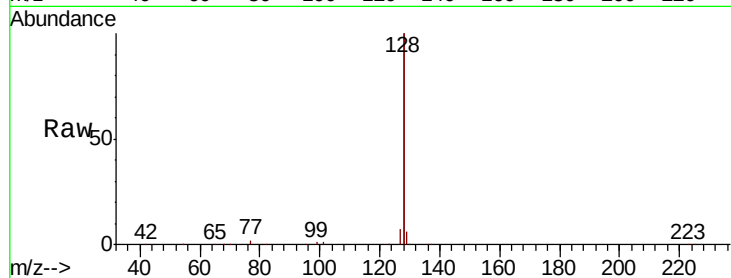
Tgt Ion:128 Resp: 111429

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

127 3.3 2.9 4.3

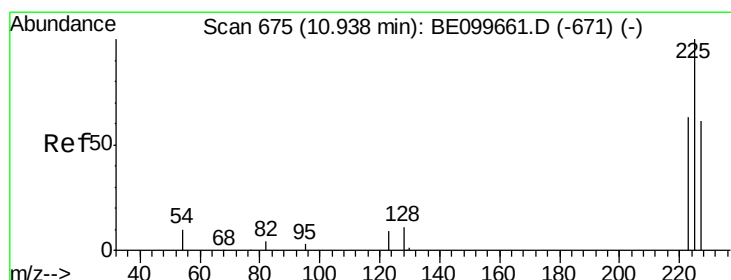
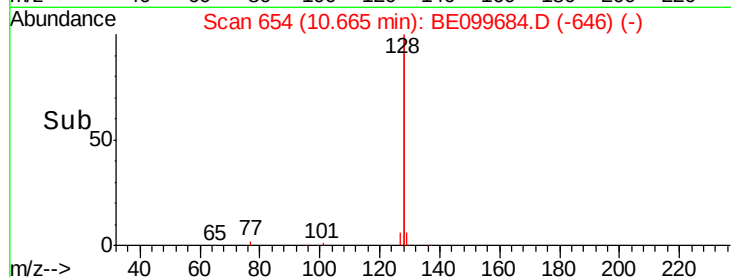
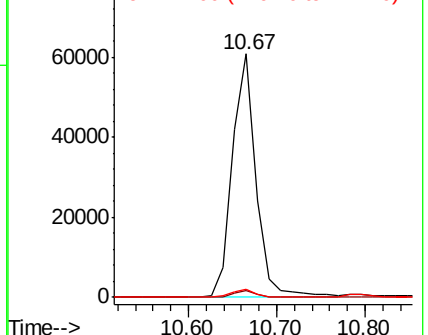


Abundance

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: 0.356 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

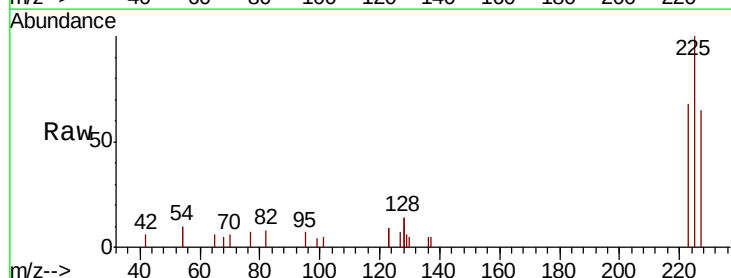
Tgt Ion:225 Resp: 1761

Ion Ratio Lower Upper

225 100

223 64.3 51.8 77.6

227 64.6 52.6 79.0

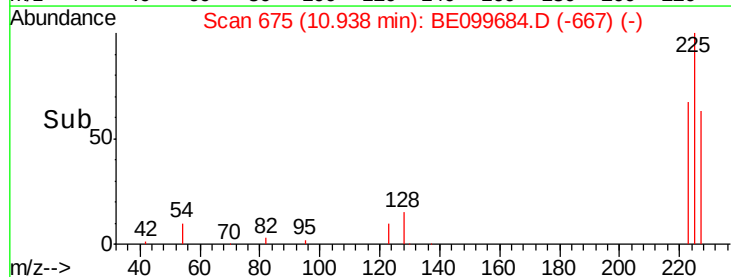
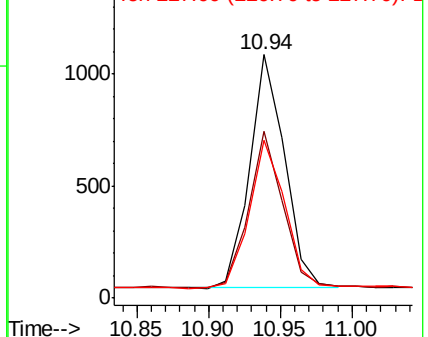


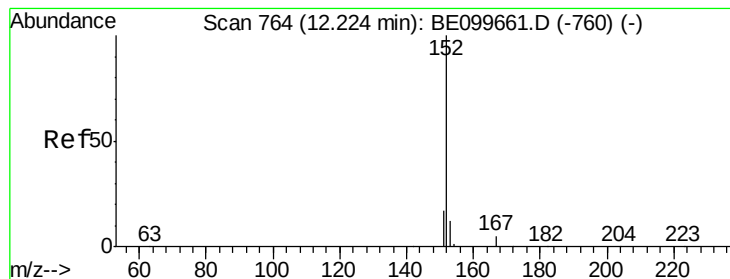
Abundance

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: 0.369 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

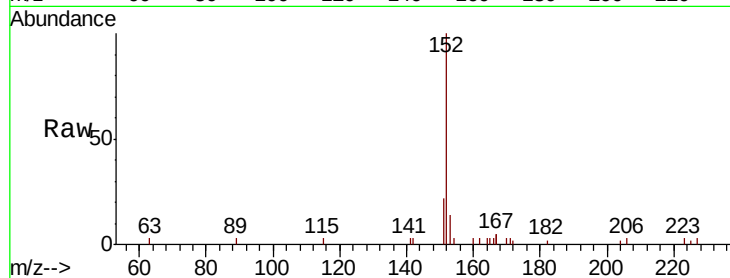
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4001

Ion Ratio Lower Upper

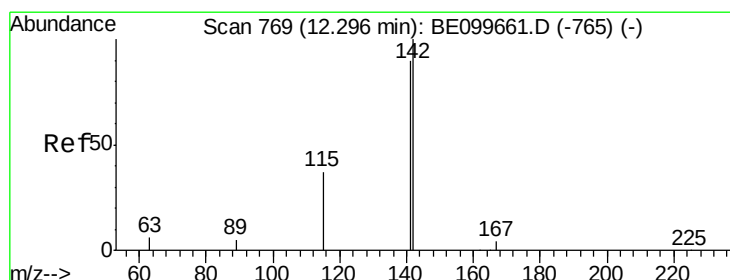
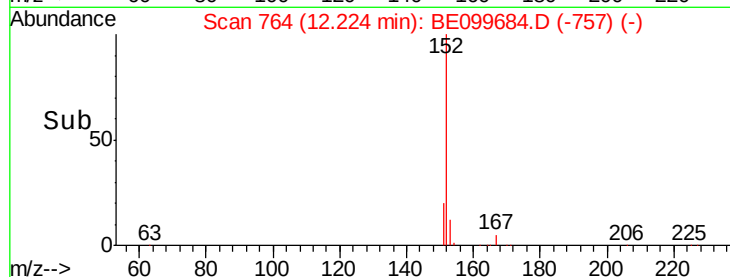
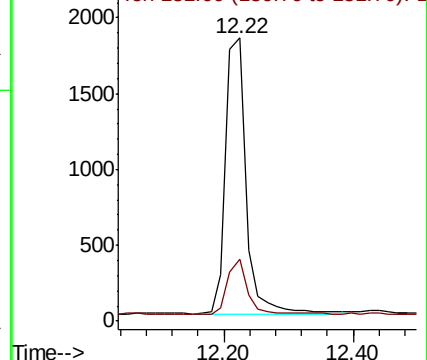
152 100

151 19.7 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.790 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

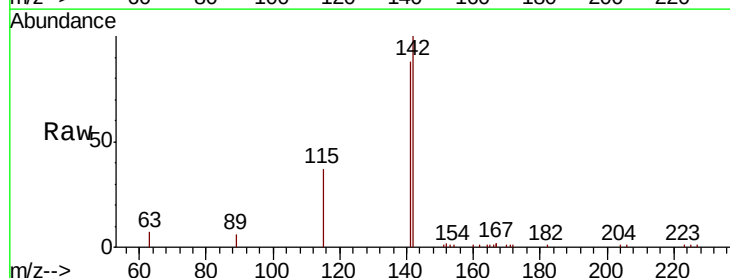
Tgt Ion:142 Resp: 8647

Ion Ratio Lower Upper

142 100

141 88.1 72.0 108.0

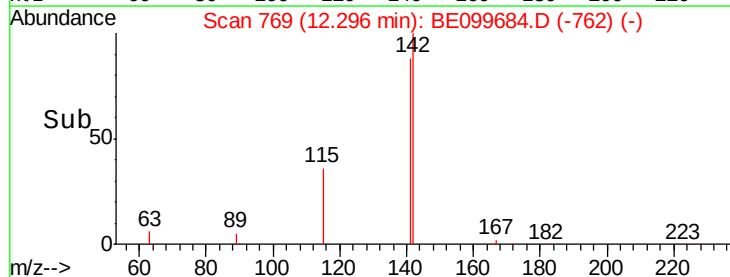
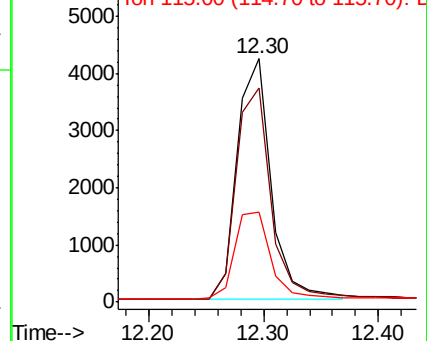
115 36.7 31.0 46.4

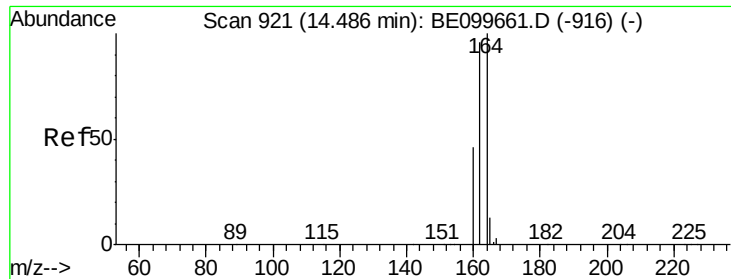


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

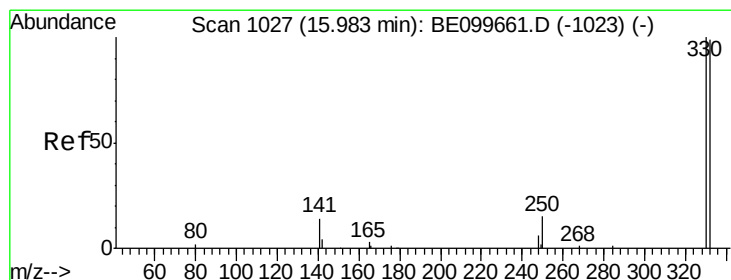
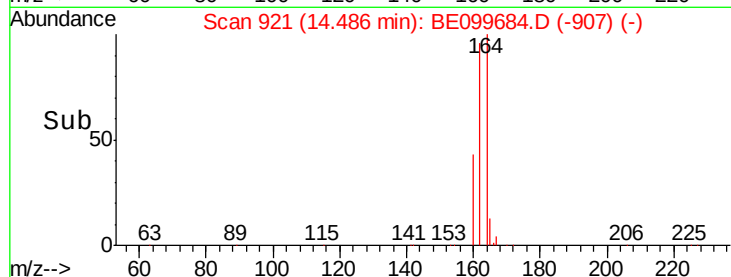
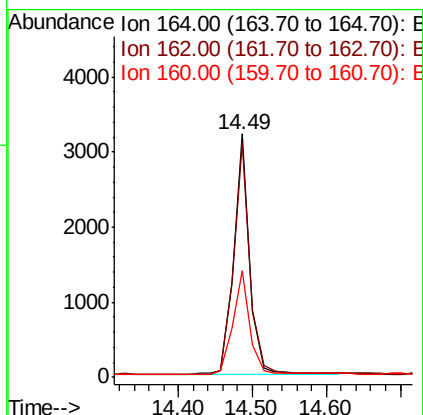
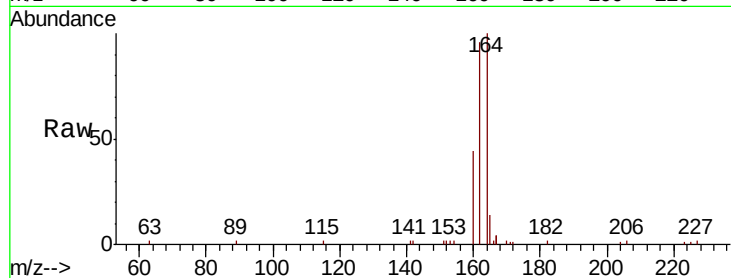




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE099684.D
 Acq: 21 May 2019 5:31

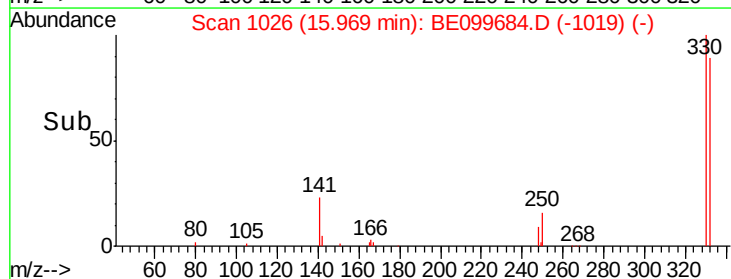
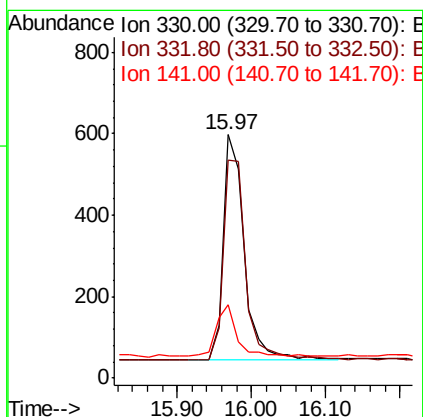
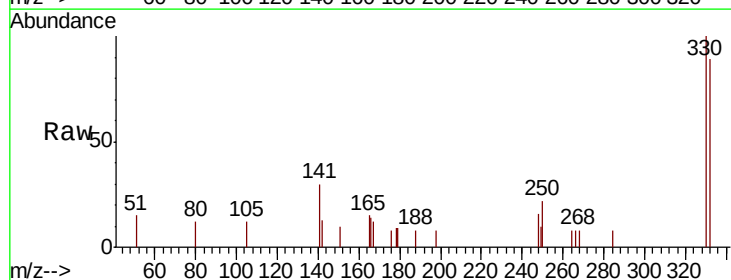
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

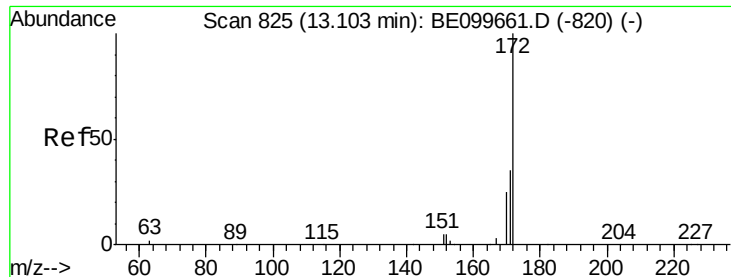
Tgt Ion:164 Resp: 4741
 Ion Ratio Lower Upper
 164 100
 162 96.2 76.5 114.7
 160 43.8 37.4 56.2



#14
 2,4,6-Tribromophenol
 Concen: 0.433 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099684.D
 Acq: 21 May 2019 5:31

Tgt Ion:330 Resp: 1095
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 22.5 18.9 28.3

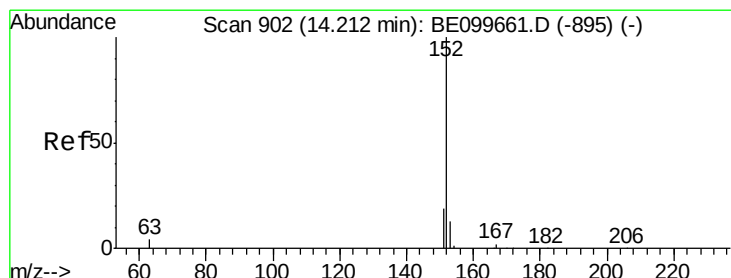
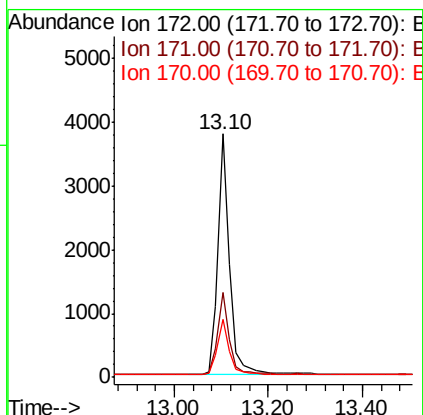
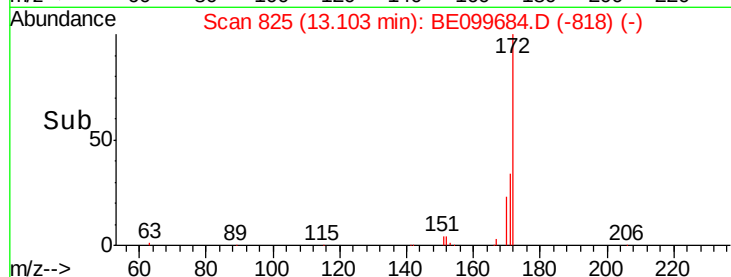
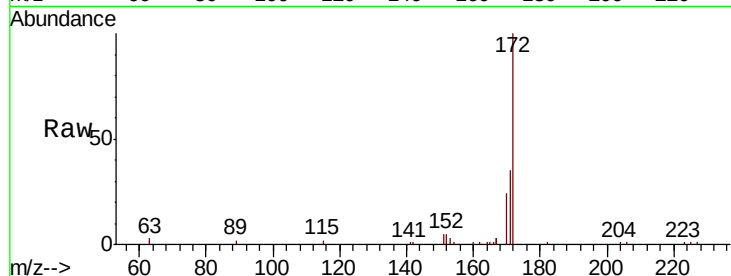




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

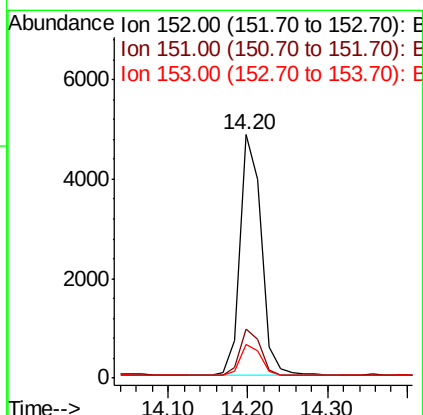
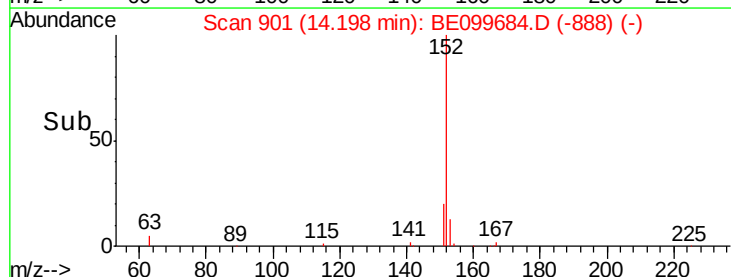
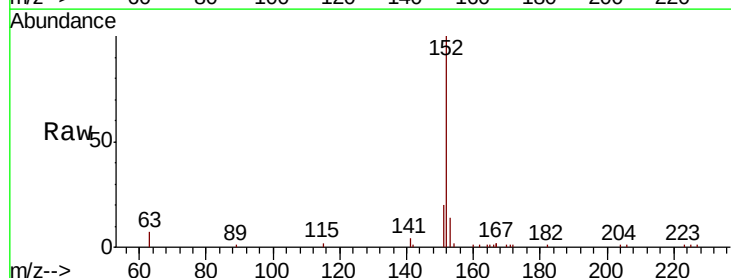
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

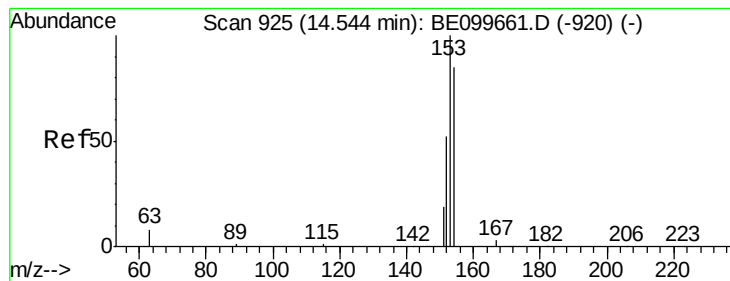
Tgt Ion:172 Resp: 6440
Ion Ratio Lower Upper
172 100
171 34.8 28.7 43.1
170 24.0 20.9 31.3



#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion:152 Resp: 8957
Ion Ratio Lower Upper
152 100
151 19.0 15.9 23.9
153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 0.373 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

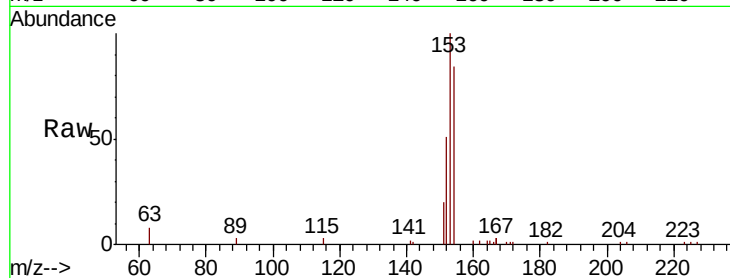
Tgt Ion:154 Resp: 4620

Ion Ratio Lower Upper

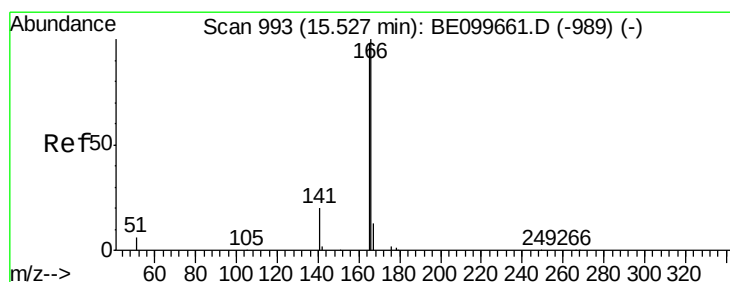
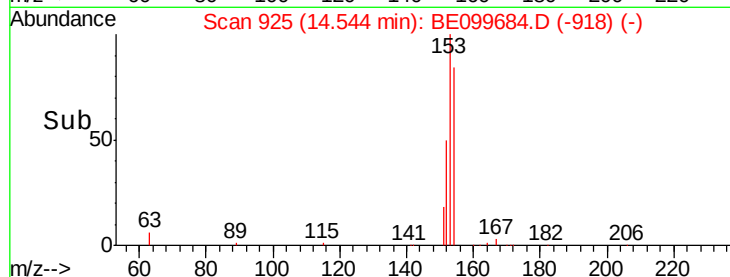
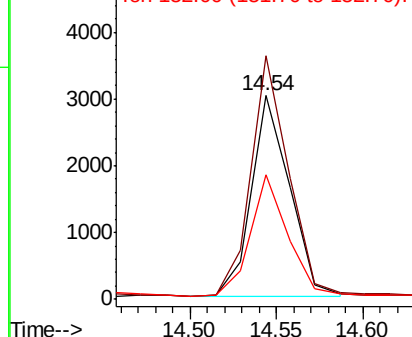
154 100

153 117.8 91.8 137.6

152 58.8 46.0 69.0



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: 0.504 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

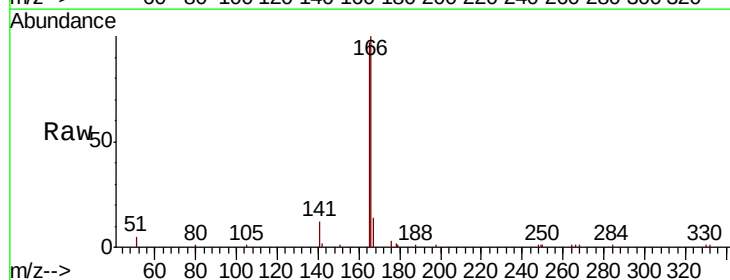
Tgt Ion:166 Resp: 9212

Ion Ratio Lower Upper

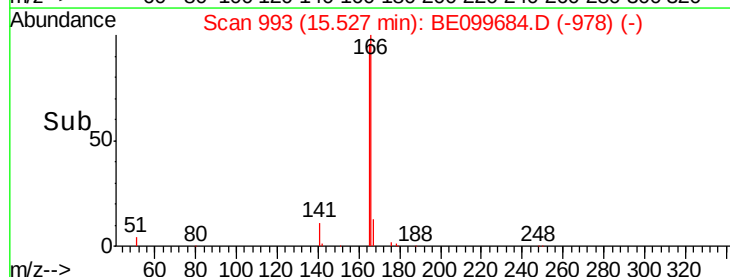
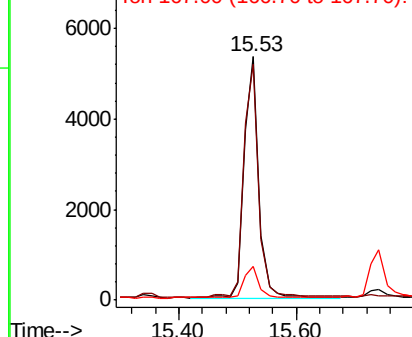
166 100

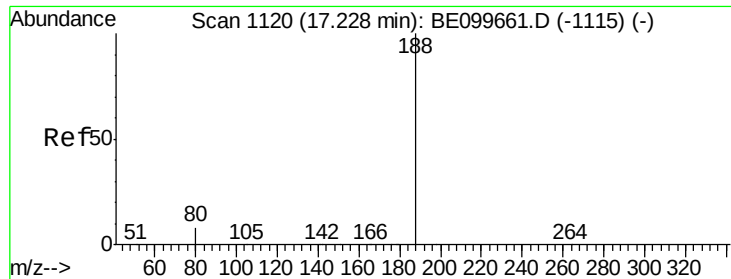
165 98.6 80.3 120.5

167 12.7 10.6 16.0



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: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

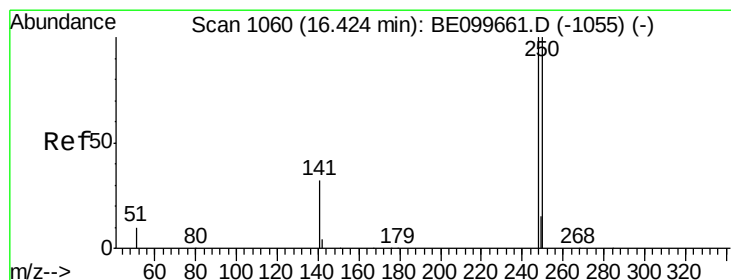
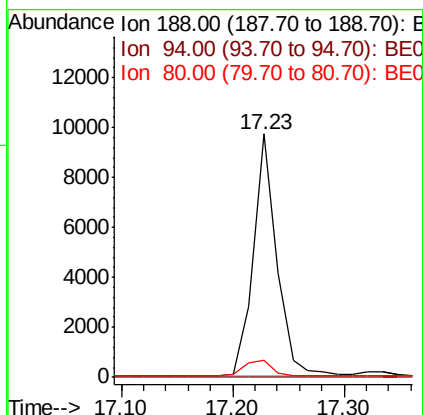
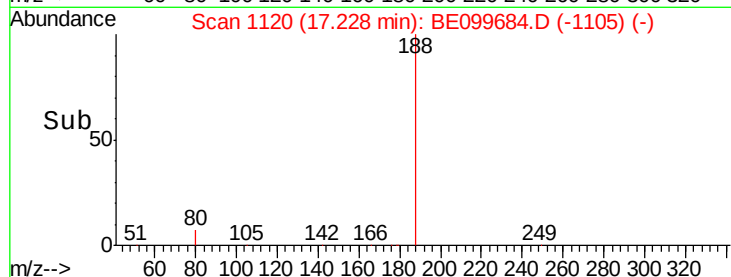
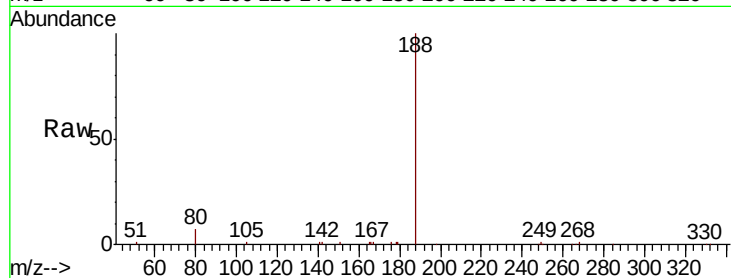
Tgt Ion:188 Resp: 14288

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.1 6.7 10.1



#20

4-Bromophenyl-phenylether

Concen: 0.360 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

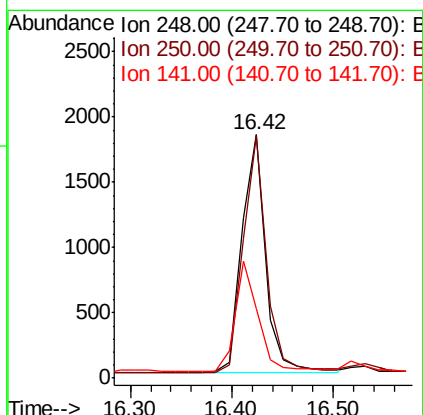
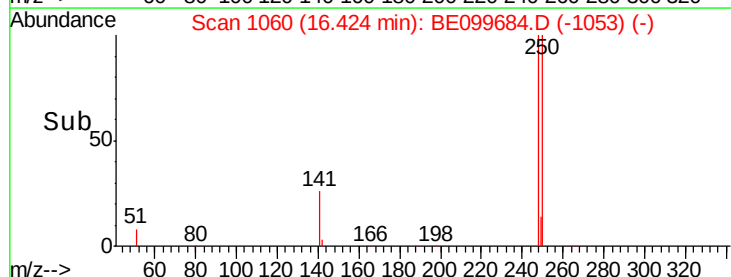
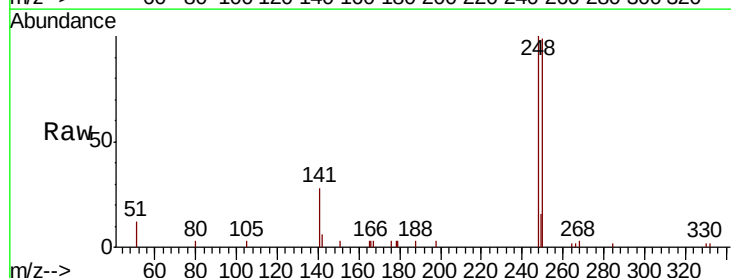
Tgt Ion:248 Resp: 2965

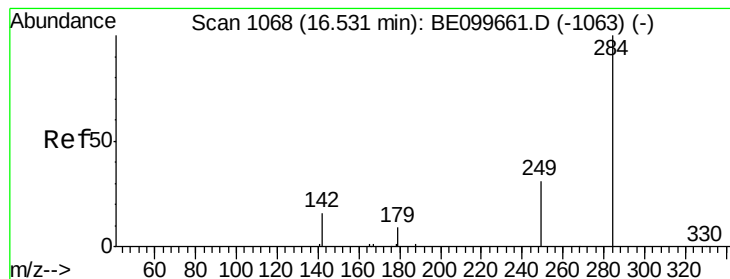
Ion Ratio Lower Upper

248 100

250 99.5 79.8 119.8

141 28.4 27.0 40.6





#21

Hexachlorobenzene

Concen: 0.366 ng

RT: 16.53 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

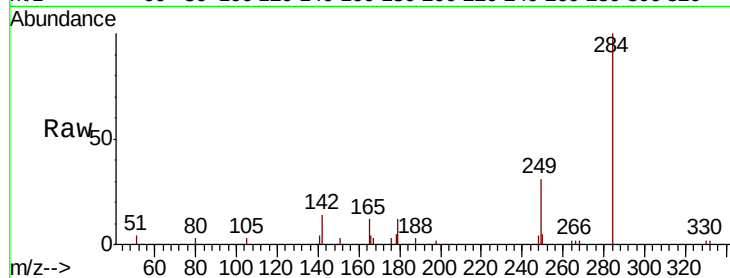
Tgt Ion:284 Resp: 3085

Ion Ratio Lower Upper

284 100

142 22.0 17.8 26.6

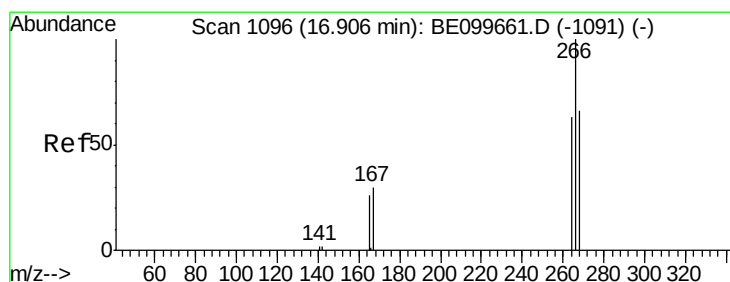
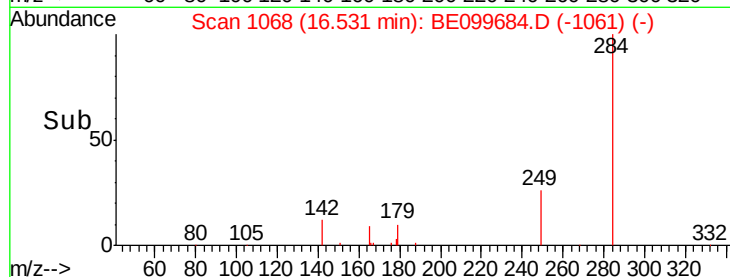
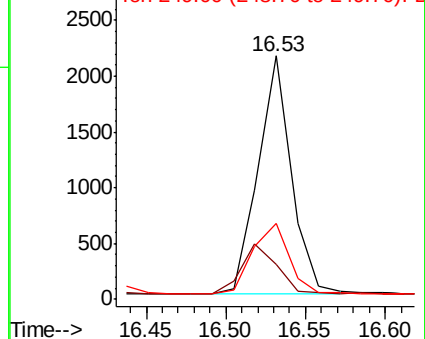
249 32.1 24.8 37.2



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: 0.647 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

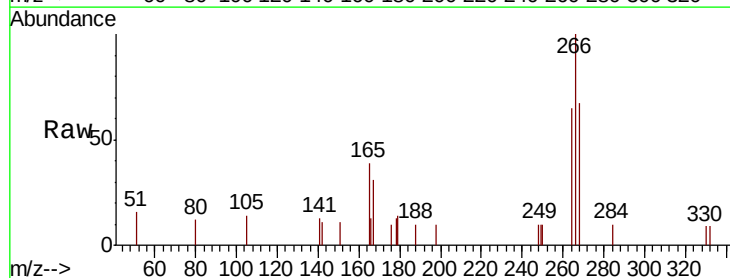
Tgt Ion:266 Resp: 1251

Ion Ratio Lower Upper

266 100

264 65.4 57.2 85.8

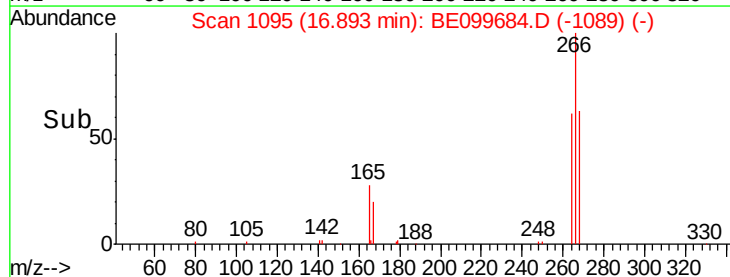
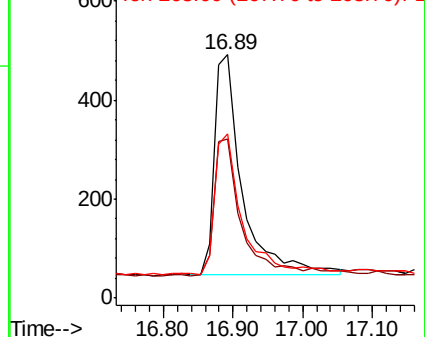
268 67.3 60.5 90.7

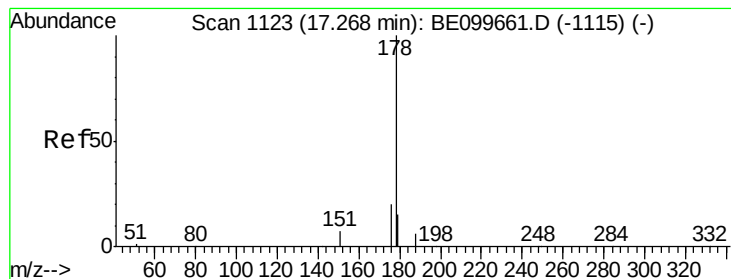


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.791 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

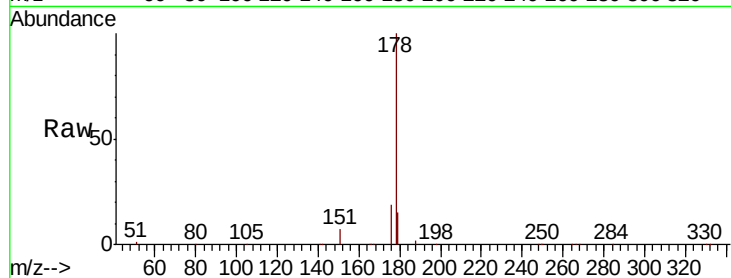
Tgt Ion:178 Resp: 27612

Ion Ratio Lower Upper

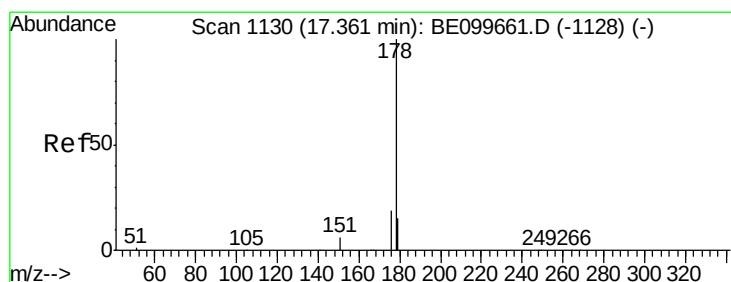
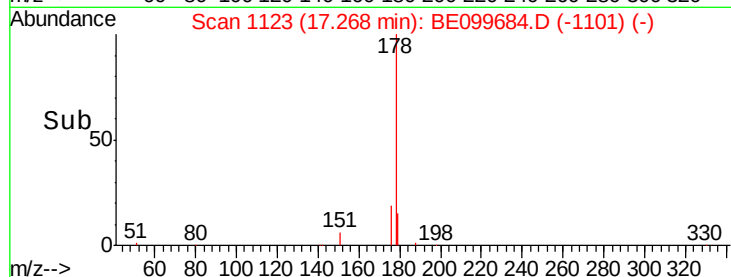
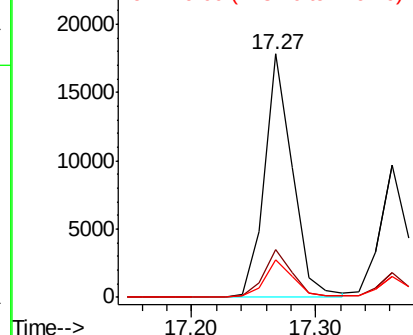
178 100

176 19.2 15.6 23.4

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



#24

Anthracene

Concen: 0.461 ng

RT: 17.36 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

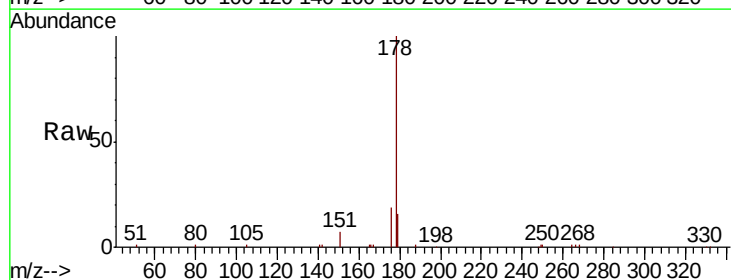
Tgt Ion:178 Resp: 14591

Ion Ratio Lower Upper

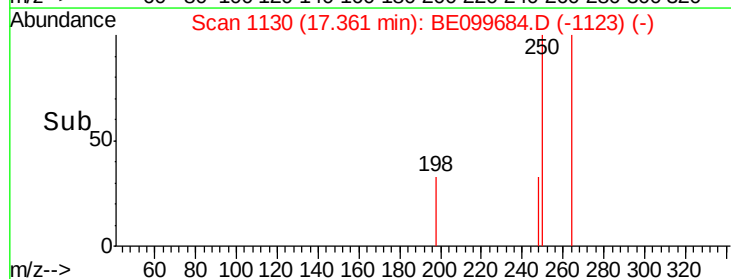
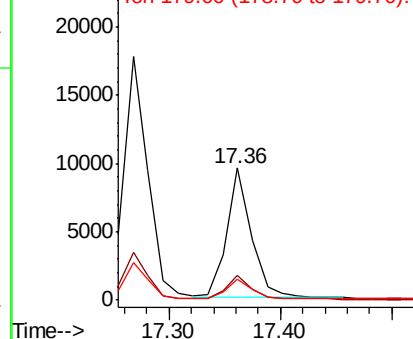
178 100

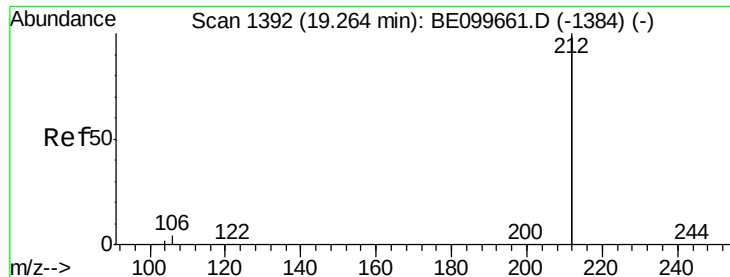
176 19.1 14.7 22.1

179 15.6 12.0 18.0



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: 0.360 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

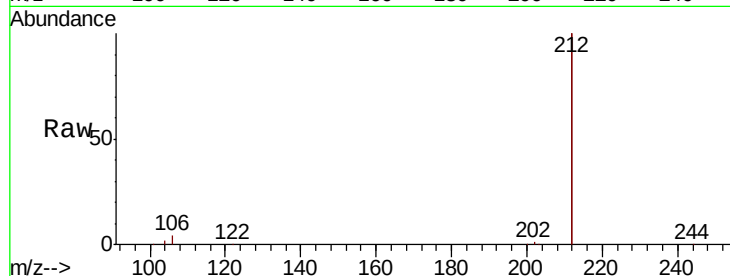
Instrument :

BNA_E

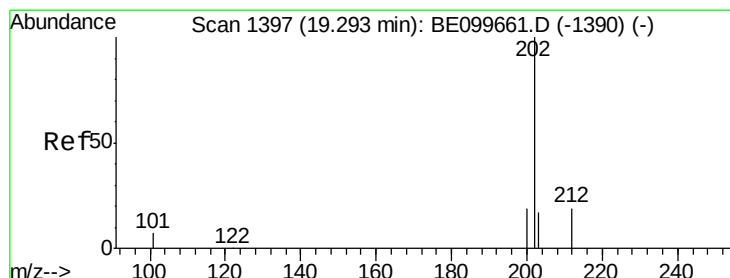
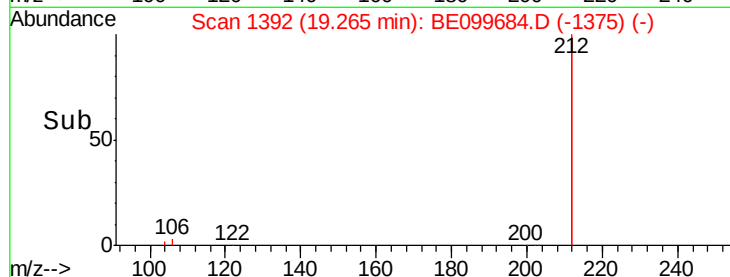
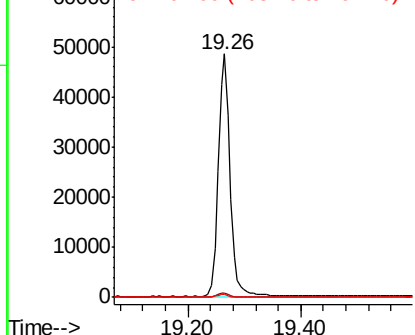
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	212	Resp:	70236
Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
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: 0.496 ng

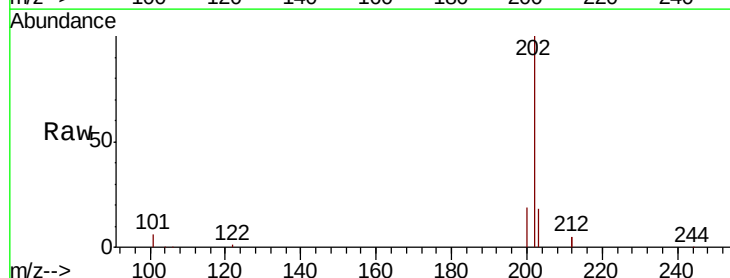
RT: 19.29 min Scan# 1397

Delta R.T. 0.00 min

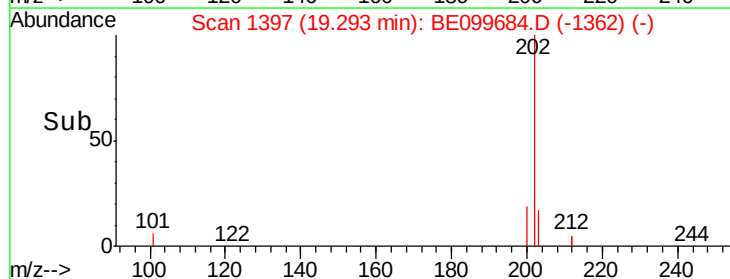
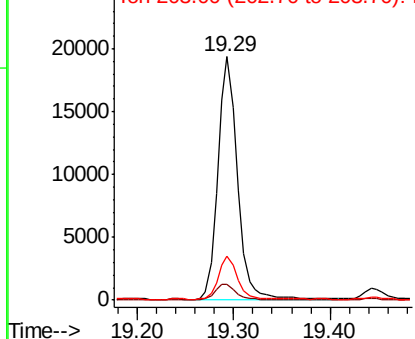
Lab File: BE099684.D

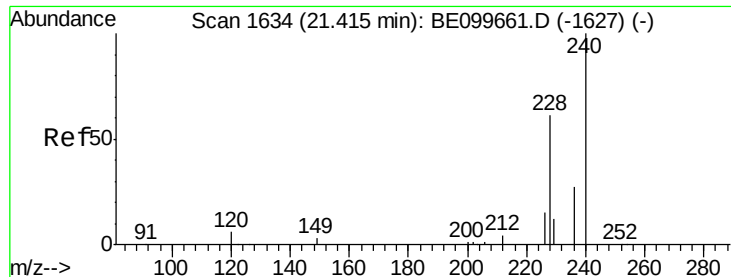
Acq: 21 May 2019 5:31

Tgt Ion:	202	Resp:	27389
Ion	Ratio	Lower	Upper
202	100		
101	6.3	5.2	7.8
203	17.2	13.8	20.6



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: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

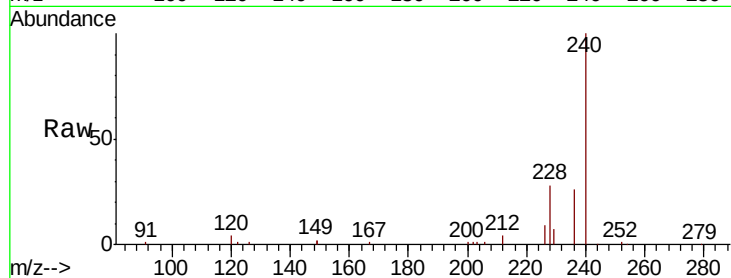
Tgt Ion:240 Resp: 21091

Ion Ratio Lower Upper

240 100

120 4.0 5.4 8.0#

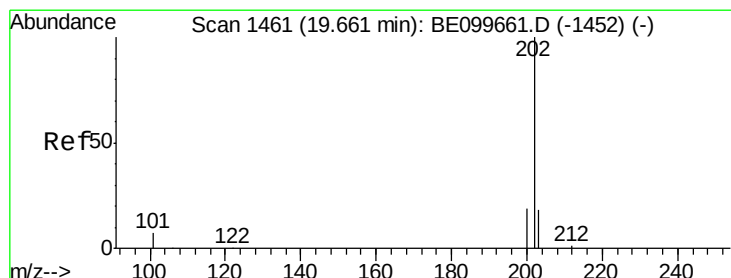
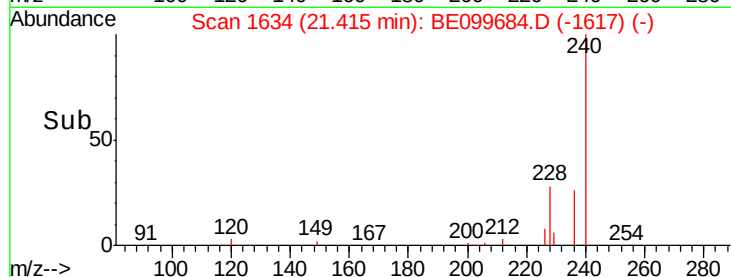
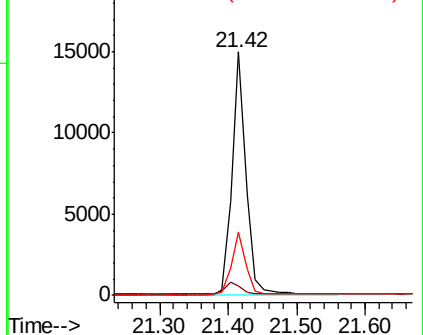
236 26.2 21.7 32.5



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: 0.591 ng

RT: 19.66 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

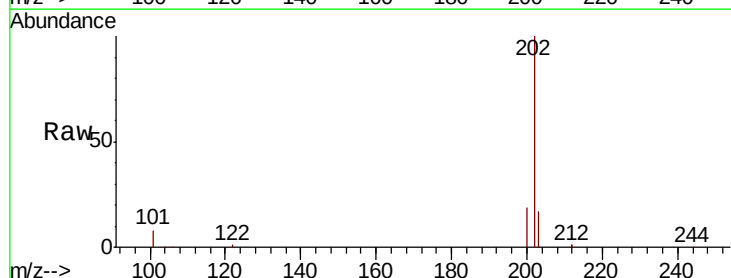
Tgt Ion:202 Resp: 31312

Ion Ratio Lower Upper

202 100

200 19.6 15.4 23.2

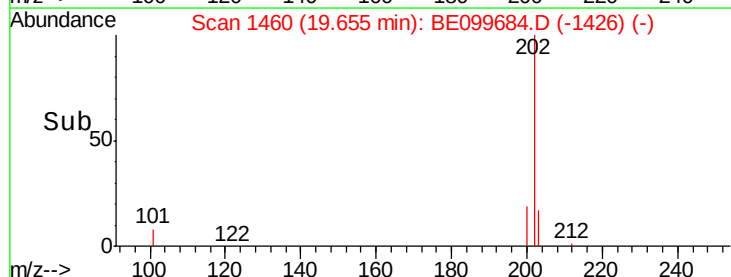
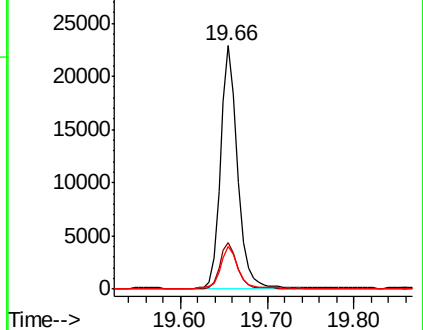
203 17.6 13.8 20.8

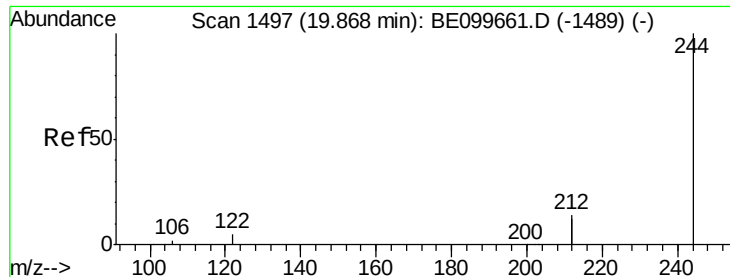


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.387 ng

RT: 19.86 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

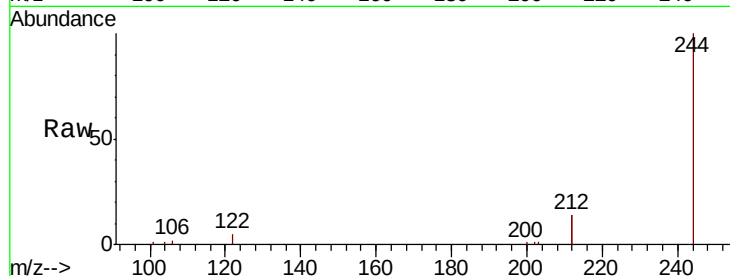
Tgt Ion:244 Resp: 14577

Ion Ratio Lower Upper

244 100

212 27.5 22.5 33.7

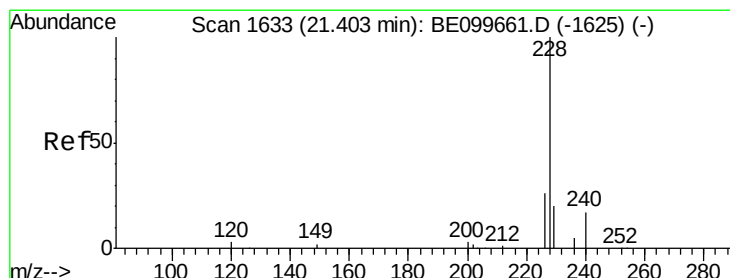
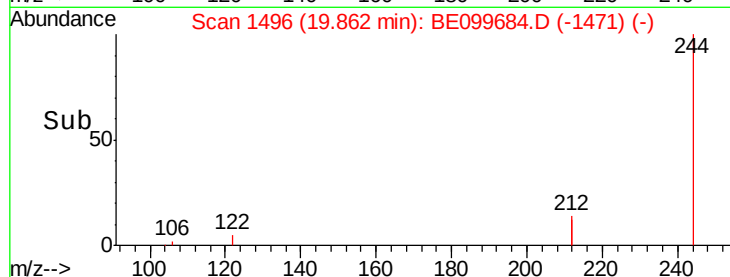
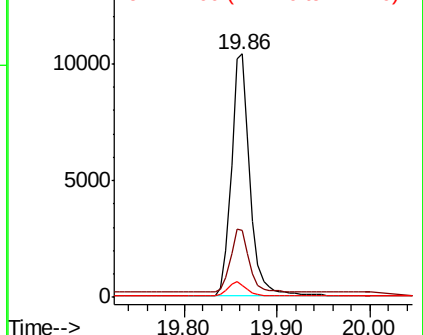
122 5.1 4.3 6.5



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: 0.496 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

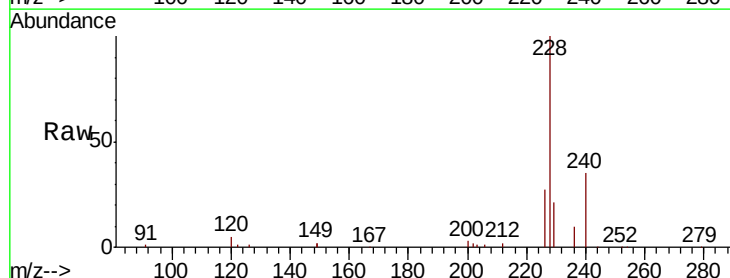
Tgt Ion:228 Resp: 29713

Ion Ratio Lower Upper

228 100

226 26.8 21.3 31.9

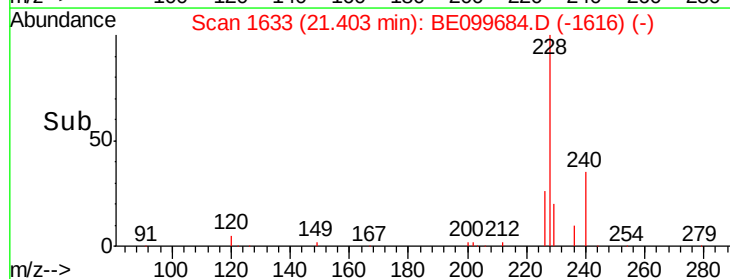
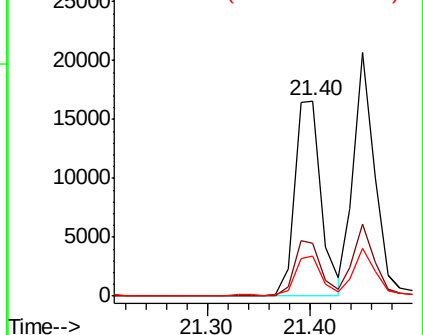
229 20.7 16.1 24.1

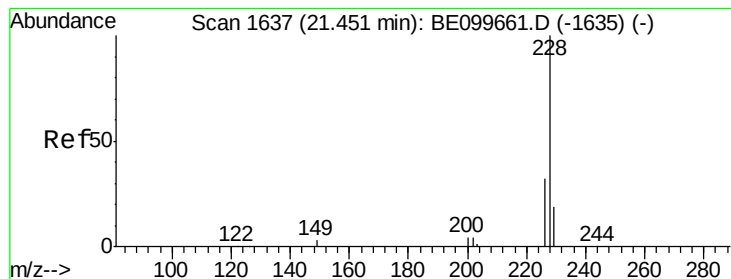


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.454 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

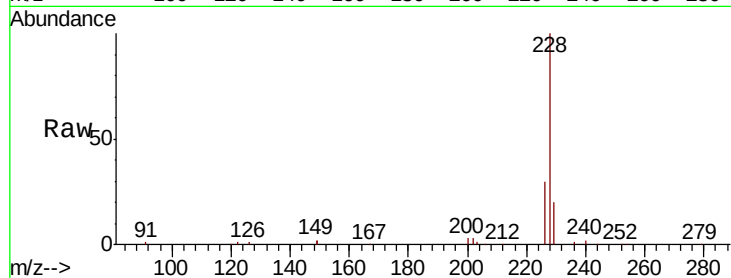
Tgt Ion:228 Resp: 29107

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

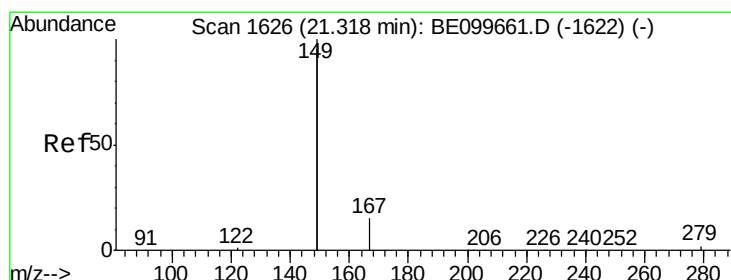
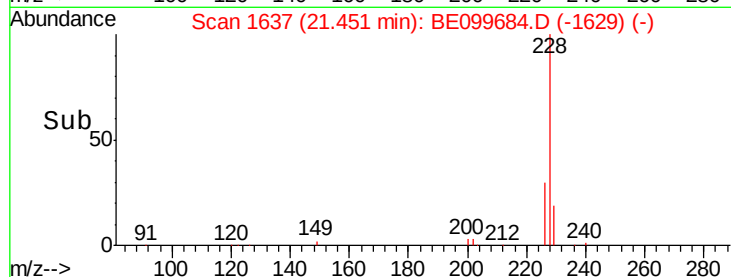
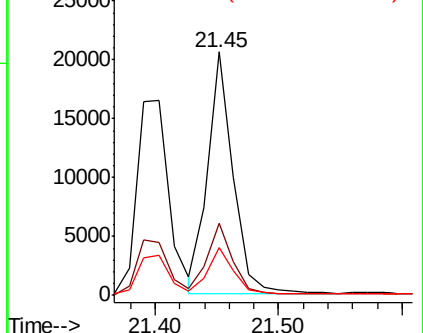
229 19.8 15.8 23.6



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: 0.583 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

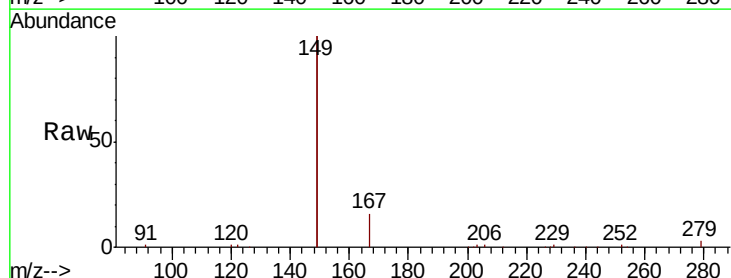
Tgt Ion:149 Resp: 40236

Ion Ratio Lower Upper

149 100

167 7.5 6.2 9.4

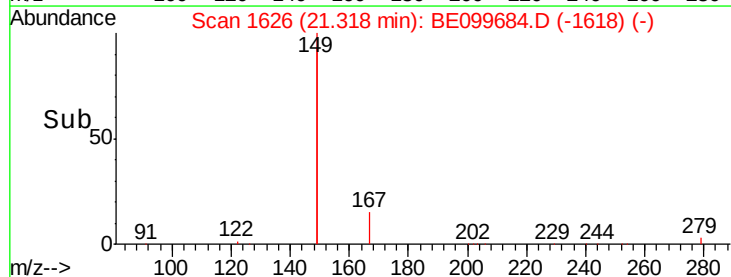
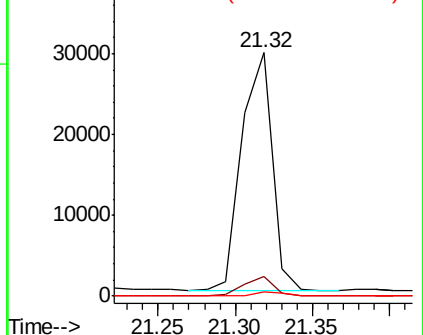
279 1.5 1.2 1.8

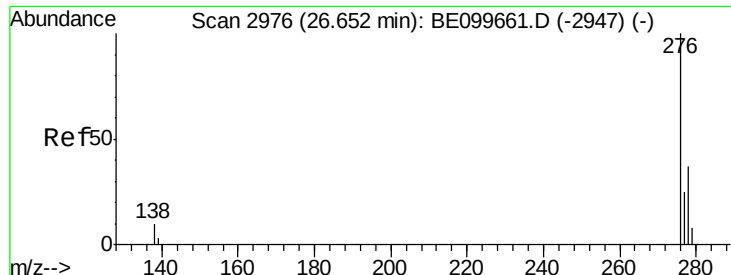


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.429 ng

RT: 26.65 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

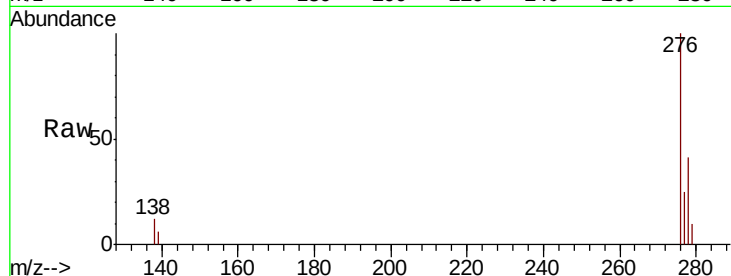
Tgt Ion:276 Resp: 33199

Ion Ratio Lower Upper

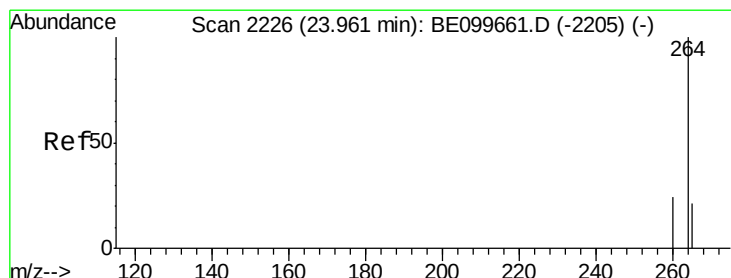
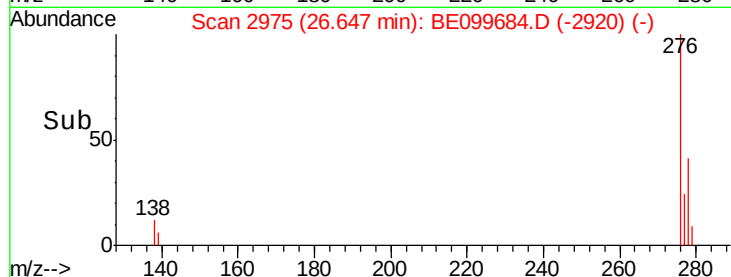
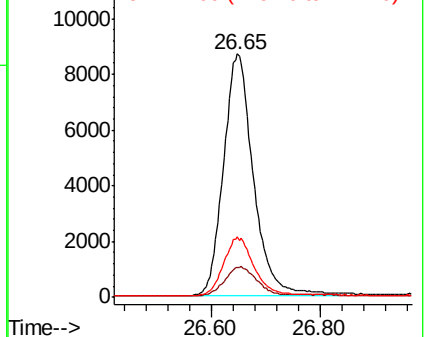
276 100

138 12.7 9.6 14.4

277 24.6 19.2 28.8



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: 23.95 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

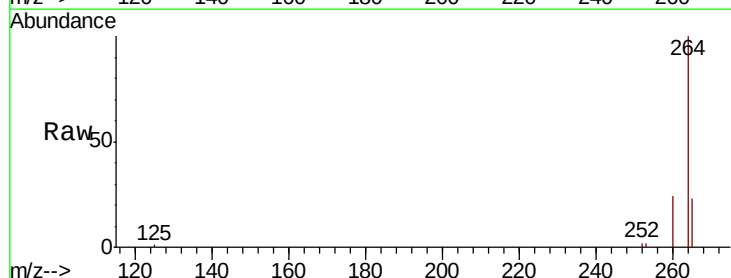
Tgt Ion:264 Resp: 25969

Ion Ratio Lower Upper

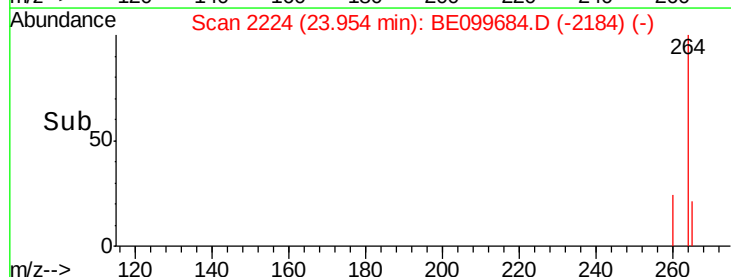
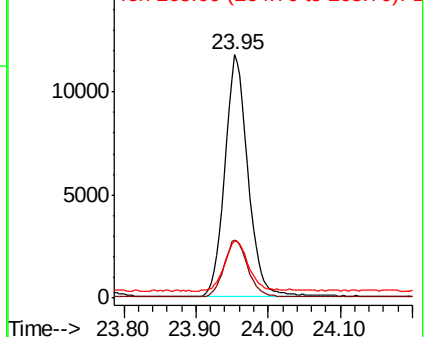
264 100

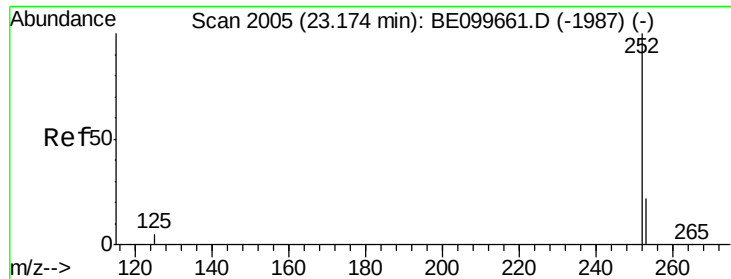
260 24.0 19.6 29.4

265 23.4 19.1 28.7



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

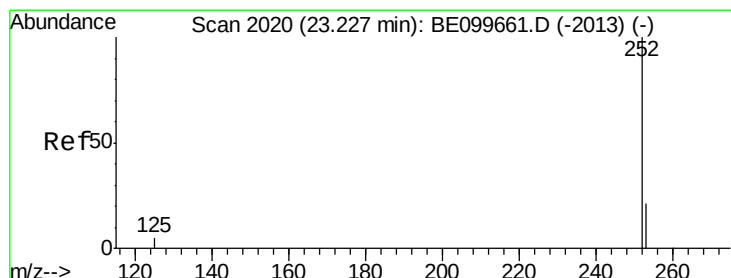
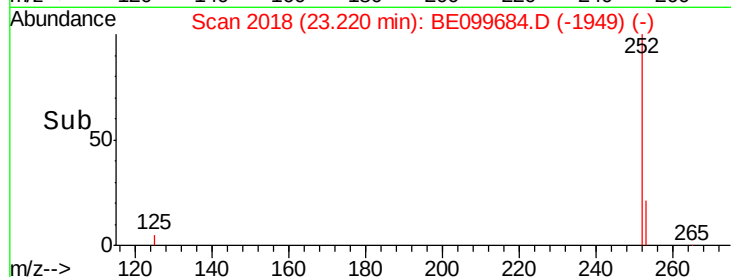
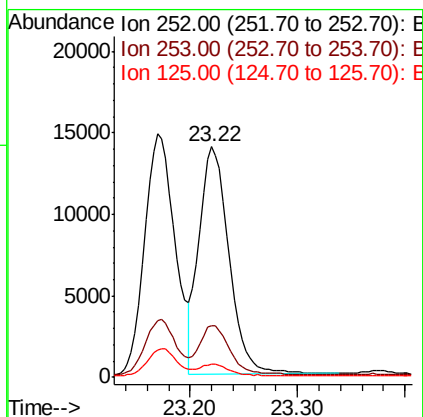
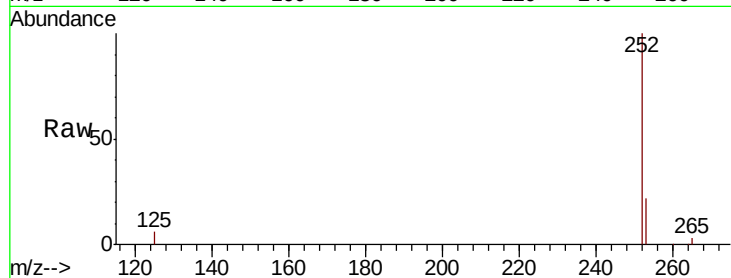




#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 23.22 min Scan# 2018
Delta R.T. 0.05 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

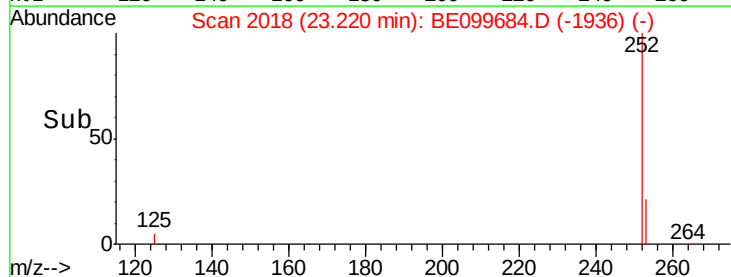
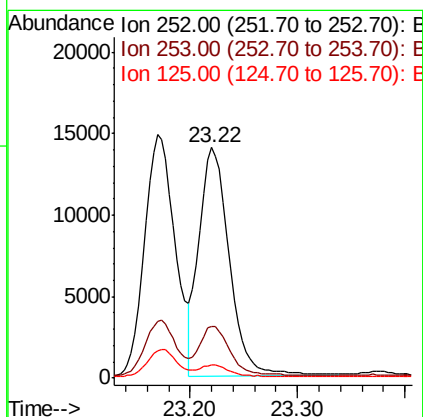
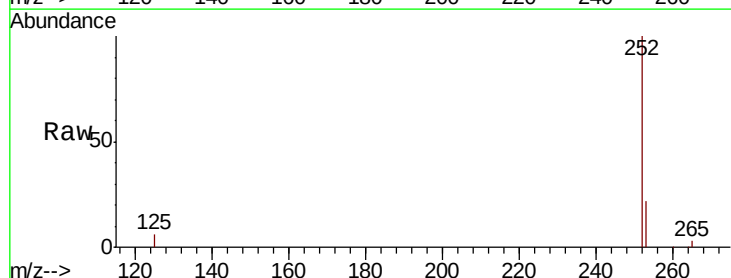
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

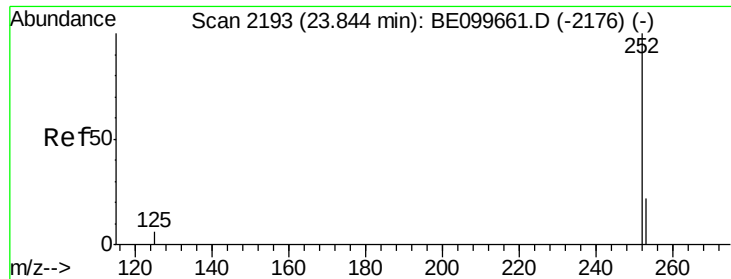
Tgt Ion: 252 Resp: 27238
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 5.8 4.5 6.7



#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.22 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BE099684.D
Acq: 21 May 2019 5:31

Tgt Ion: 252 Resp: 27647
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 5.8 4.6 6.8





#37

Benzo(a)pyrene

Concen: 0.416 ng

RT: 23.84 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

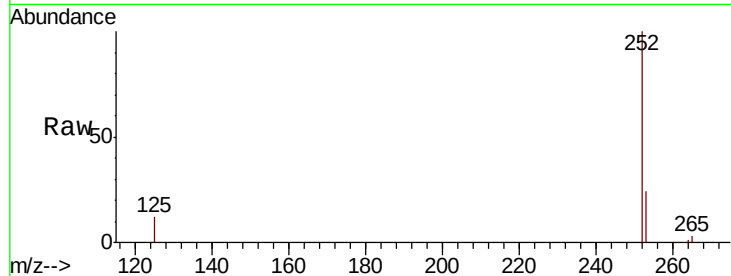
Tgt Ion: 252 Resp: 28454

Ion Ratio Lower Upper

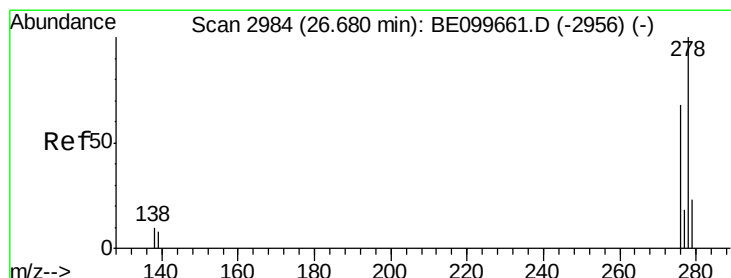
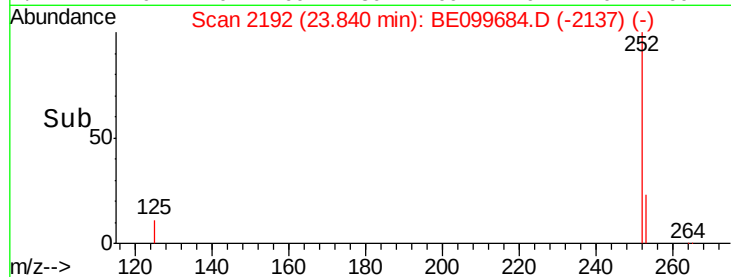
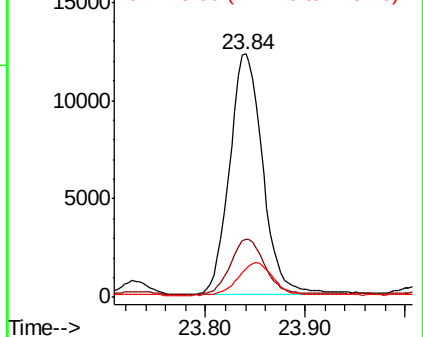
252 100

253 24.0 18.9 28.3

125 11.6 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.365 ng

RT: 26.68 min Scan# 2983

Delta R.T. -0.00 min

Lab File: BE099684.D

Acq: 21 May 2019 5:31

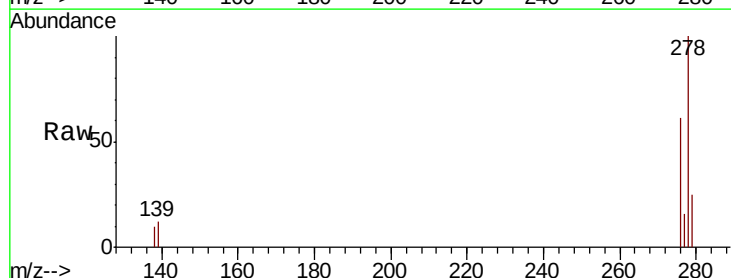
Tgt Ion: 278 Resp: 26235

Ion Ratio Lower Upper

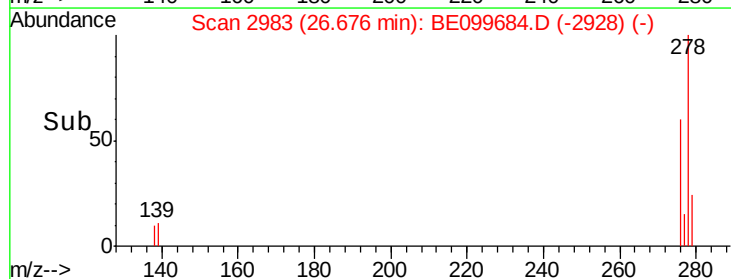
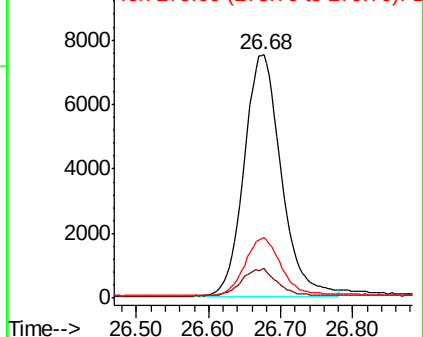
278 100

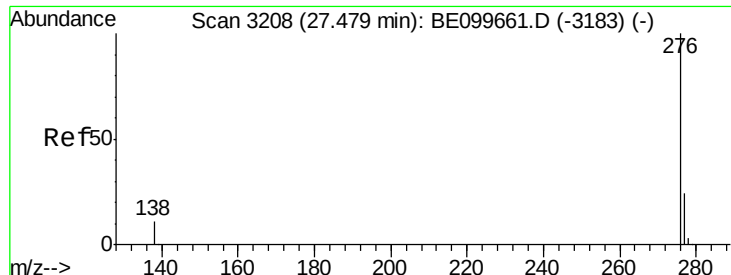
139 12.1 6.9 10.3#

279 24.8 19.2 28.8



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(g,h,i)perylene

Concen: 0.370 ng

RT: 27.47 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE099684.D

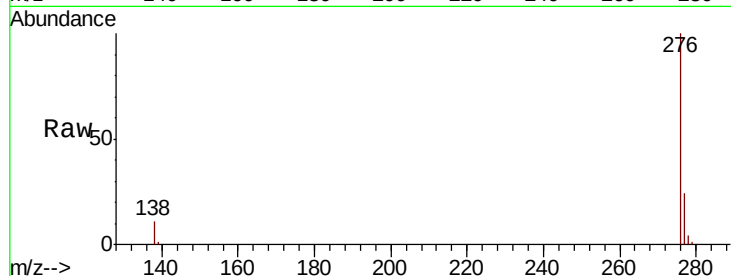
Acq: 21 May 2019 5:31

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 26873

Ion Ratio Lower Upper

276 100

277 24.5 19.8 29.6

138 11.2 9.2 13.8

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

