

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE052919\
 Data File : BE099782.D
 Acq On : 29 May 2019 18:38
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: May 30 01:30:28 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	7.80	152	1846	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	6739	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	4824	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	14613	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	19567	0.40	ng	-0.01
34) Perylene-d12	23.94	264	22604	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1823	0.39	ng	0.00
5) Phenol-d6	6.96	99	2343	0.38	ng	-0.01
8) Nitrobenzene-d5	8.97	82	2175	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	4184	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.97	330	1014	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	6342	0.35	ng	0.00
25) Fluoranthene-d10	19.25	212	67175	0.34	ng	-0.01
29) Terphenyl-d14	19.85	244	13356	0.38	ng	-0.02

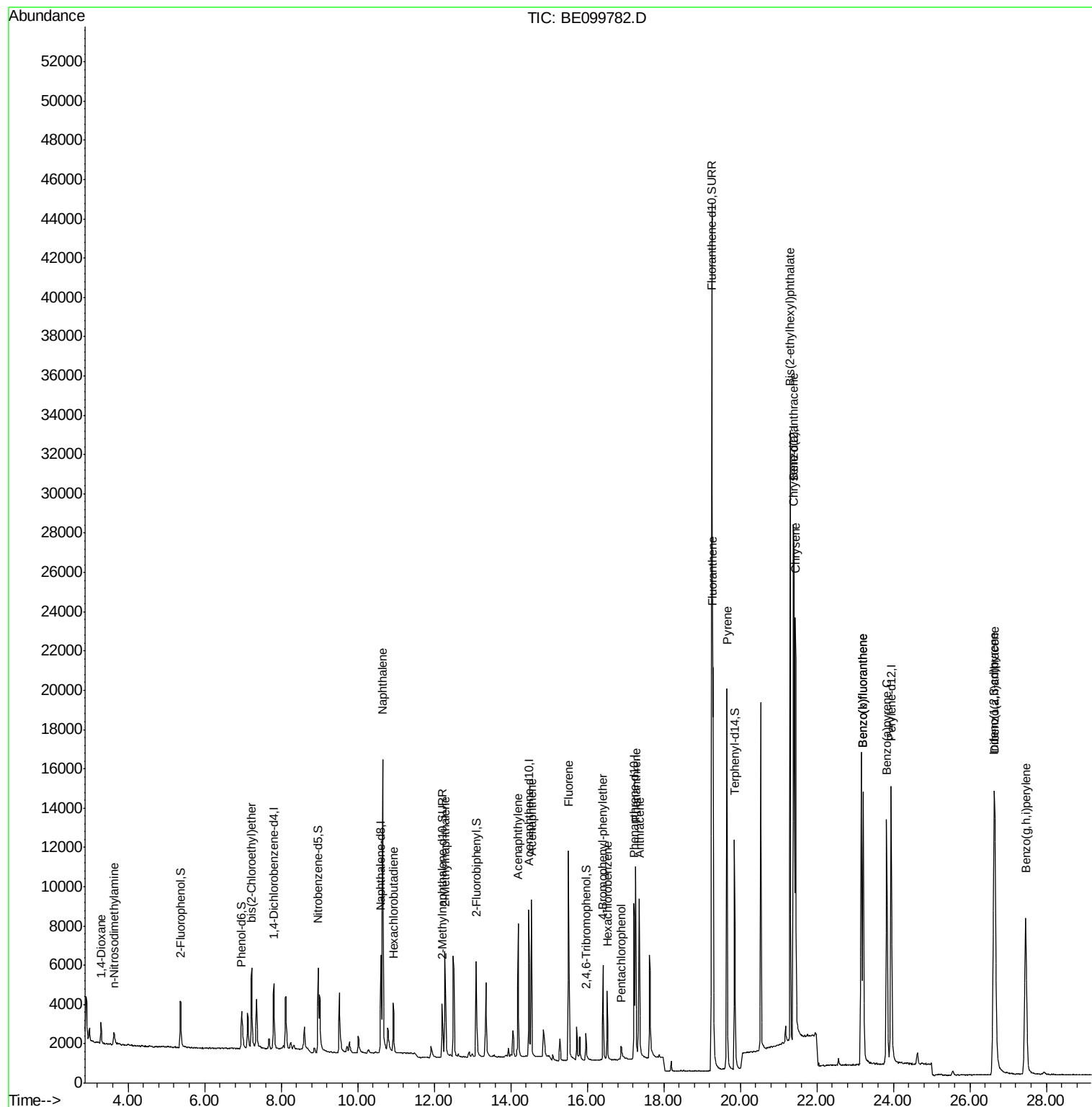
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	883	0.323	ng	# 84
3) n-Nitrosodimethylamine	3.62	42	590	0.391	ng	# 99
6) bis(2-Chloroethyl)ether	7.23	93	2012	0.366	ng	99
9) Naphthalene	10.65	128	25664	0.356	ng	100
10) Hexachlorobutadiene	10.93	225	1927	0.363	ng	96
12) 2-Methylnaphthalene	12.28	142	4176	0.355	ng	98
16) Acenaphthylene	14.20	152	8325	0.370	ng	99
17) Acenaphthene	14.54	154	4643	0.368	ng	99
18) Fluorene	15.51	166	6651	0.358	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	2936	0.348	ng	93
21) Hexachlorobenzene	16.52	284	3020	0.350	ng	99
22) Pentachlorophenol	16.89	266	794	0.477	ng	95
23) Phenanthrene	17.27	178	12680	0.355	ng	99
24) Anthracene	17.36	178	11287	0.349	ng	100
26) Fluoranthene	19.29	202	19084	0.338	ng	99
28) Pyrene	19.65	202	19895	0.405	ng	99
30) Benzo(a)anthracene	21.39	228	21694	0.390	ng	99
31) Chrysene	21.44	228	23329	0.392	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	31417	0.490	ng	99
33) Indeno(1,2,3-cd)pyrene	26.63	276	27198	0.379	ng	99
35) Benzo(b)fluoranthene	23.21	252	22175	0.358	ng	100
36) Benzo(k)fluoranthene	23.21	252	22171	0.343	ng	99
37) Benzo(a)pyrene	23.83	252	21581	0.362	ng	# 98
38) Dibenzo(a,h)anthracene	26.66	278	21834	0.349	ng	97
39) Benzo(g,h,i)perylene	27.46	276	22457	0.355	ng	99

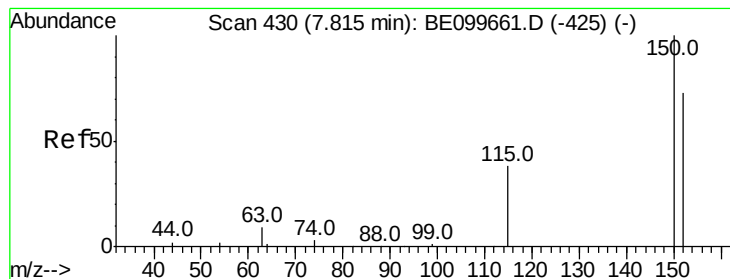
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

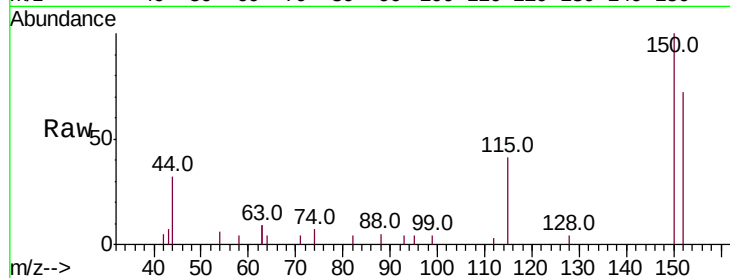
Tot Ion:152 Resp: 1846

Ion Ratio Lower Upper

152 100

150 139.0 109.2 163.8

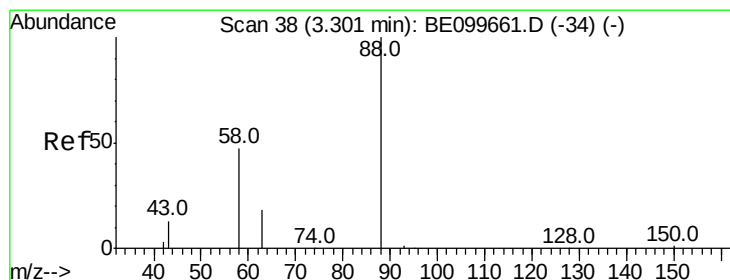
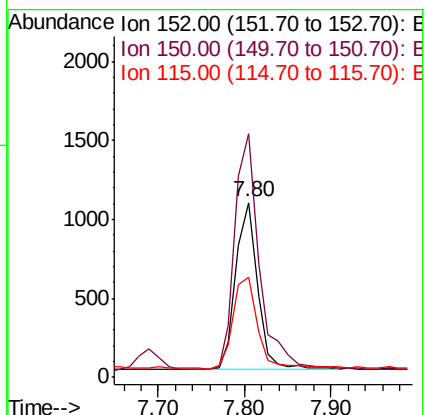
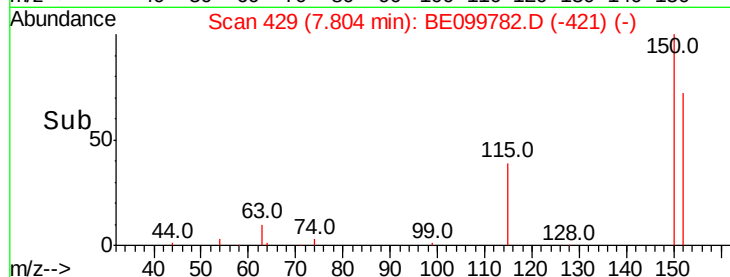
115 57.4 43.7 65.5



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: 0.323 ng

RT: 3.29 min Scan# 37

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

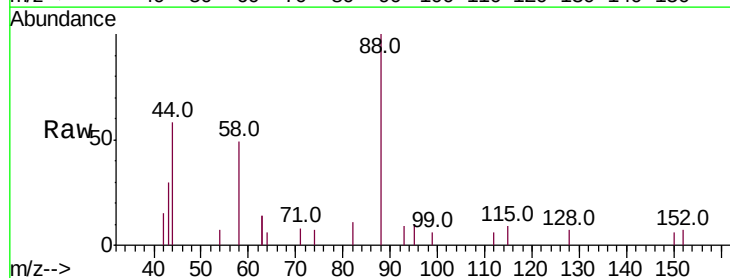
Tgt Ion: 88 Resp: 883

Ion Ratio Lower Upper

88 100

58 62.6 41.8 62.8

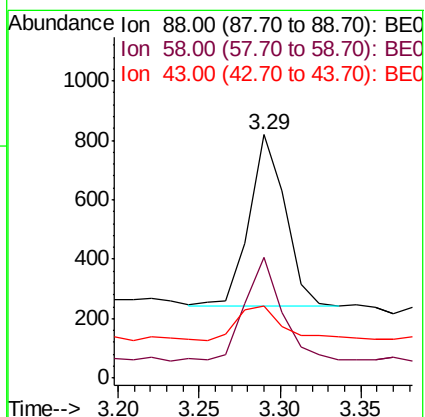
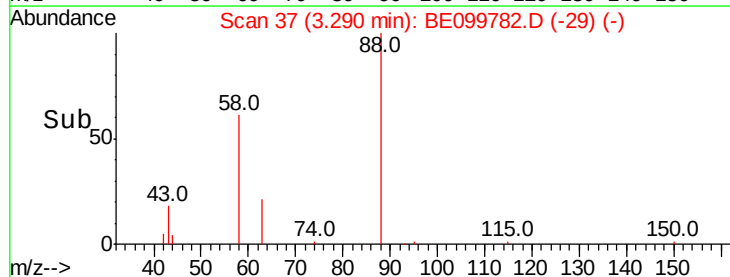
43 27.3 15.0 22.4#

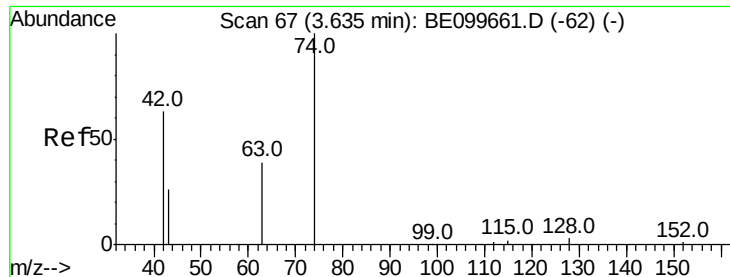


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.391 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

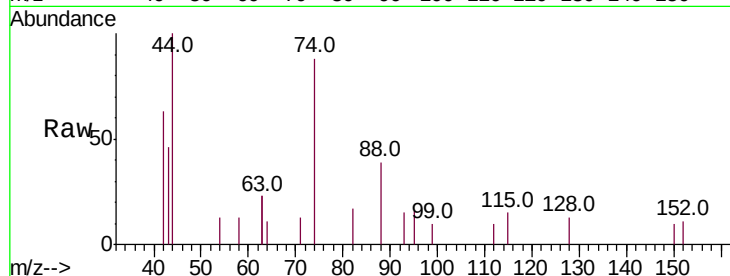
Tot Ion: 42 Resp: 590

Ion Ratio Lower Upper

42 100

74 160.7 129.2 193.8

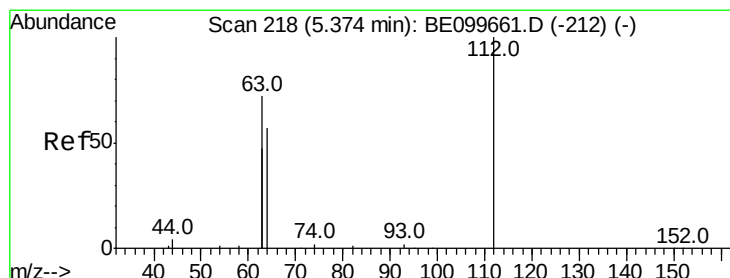
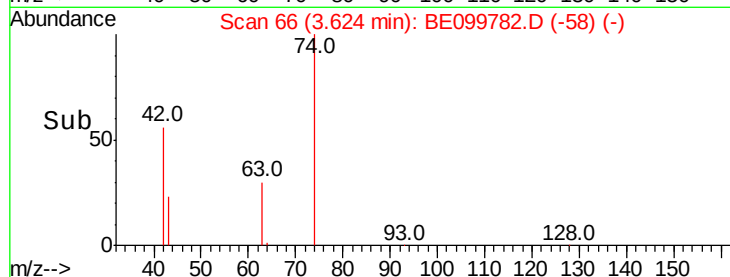
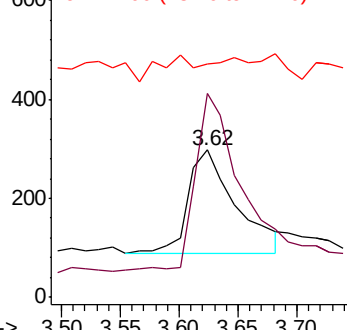
44 0.0 0.0 0.0



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: 0.391 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

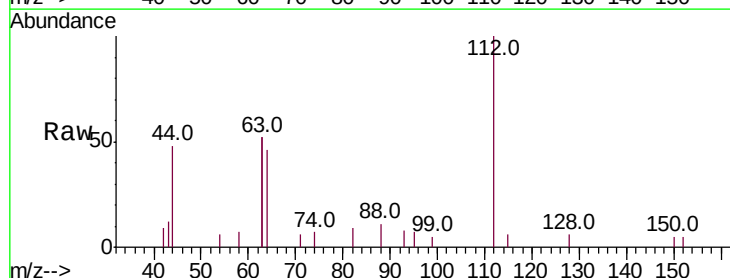
Tgt Ion: 112 Resp: 1823

Ion Ratio Lower Upper

112 100

64 54.0 43.4 65.2

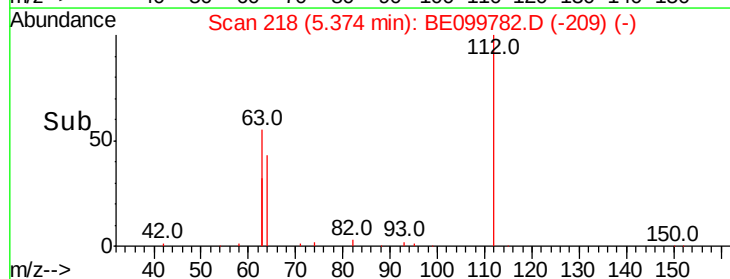
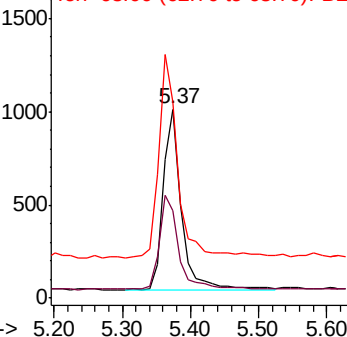
63 117.9 96.9 145.3

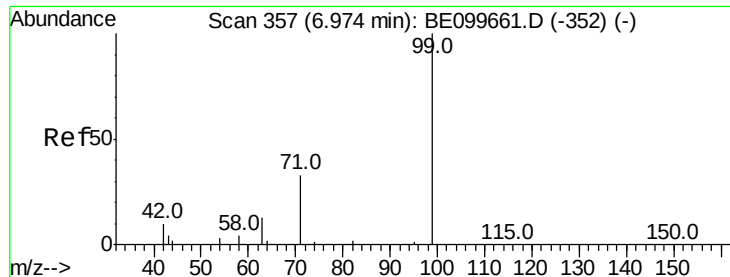


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.379 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

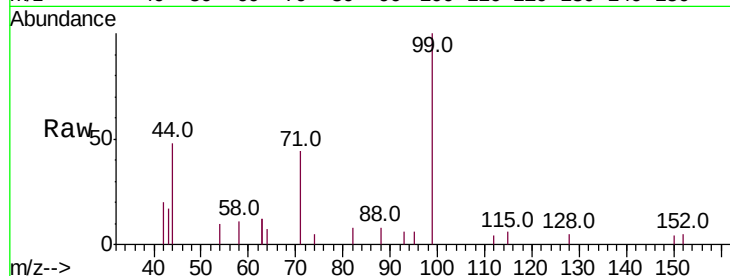
Tot Ion: 99 Resp: 2343

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

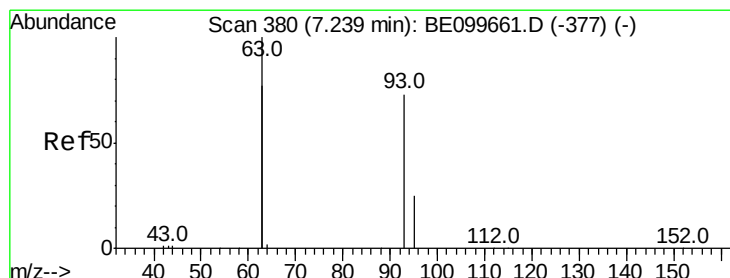
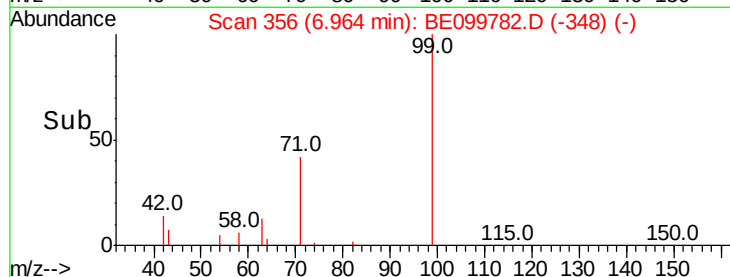
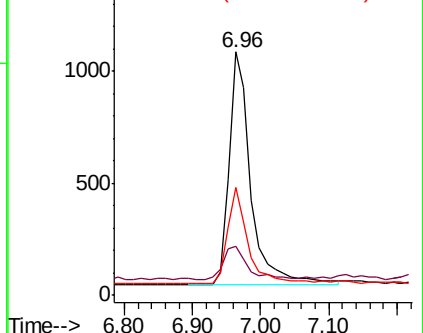
71 39.9 28.9 43.3



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: 0.366 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

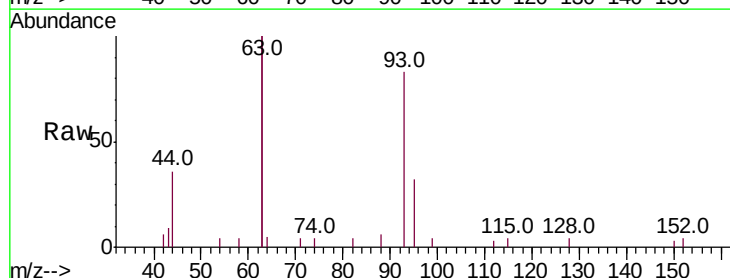
Tgt Ion: 93 Resp: 2012

Ion Ratio Lower Upper

93 100

63 261.1 207.8 311.6

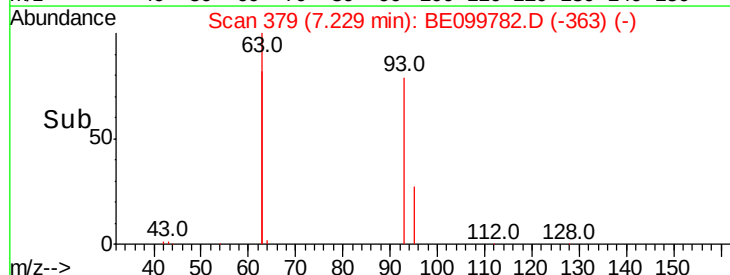
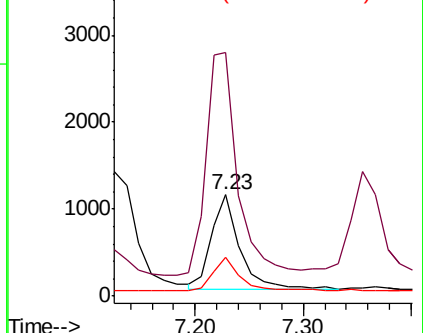
95 32.7 25.9 38.9

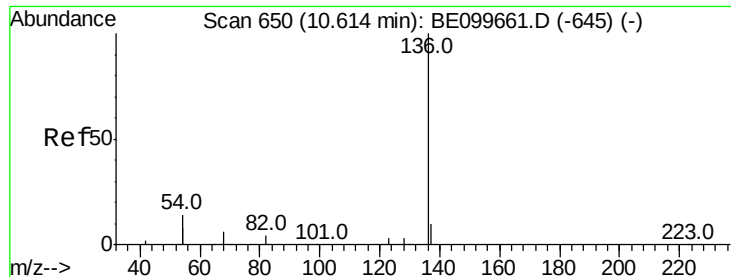


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 6739

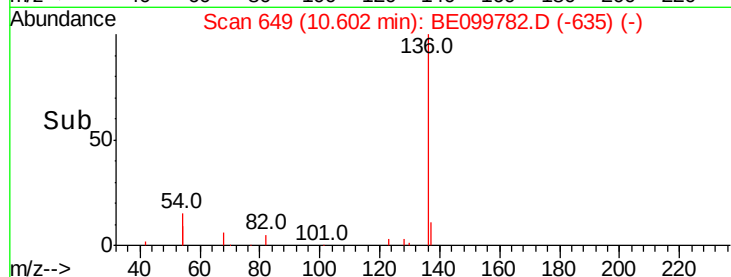
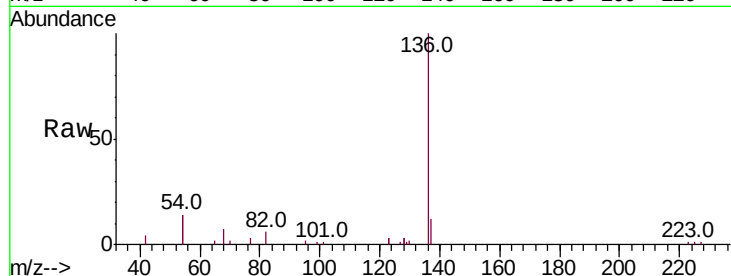
Ion Ratio Lower Upper

136 100

137 11.8 9.0 13.6

54 28.8 22.3 33.5

68 7.2 6.0 9.0

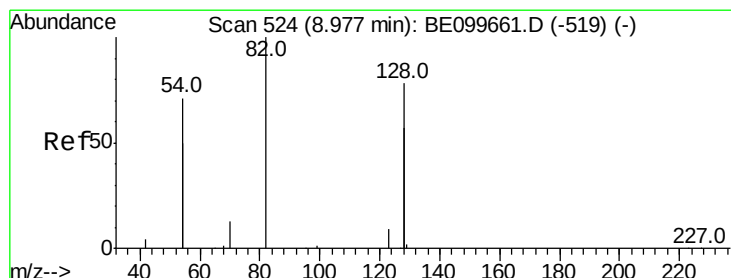
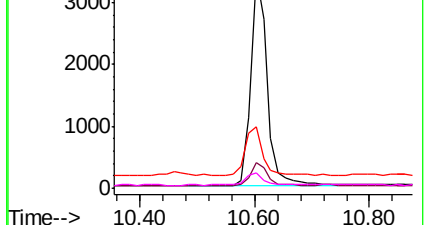


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 8.97 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

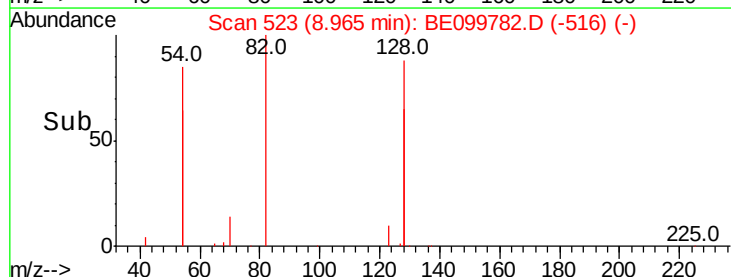
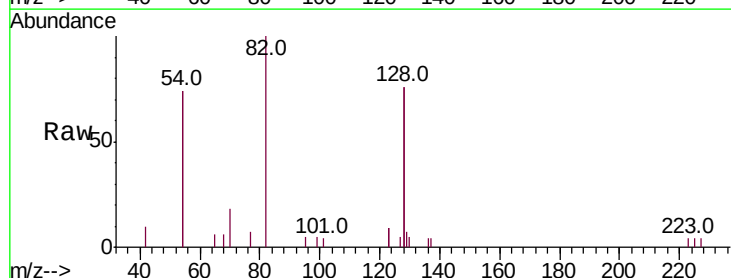
Tgt Ion: 82 Resp: 2175

Ion Ratio Lower Upper

82 100

128 152.1 117.7 176.5

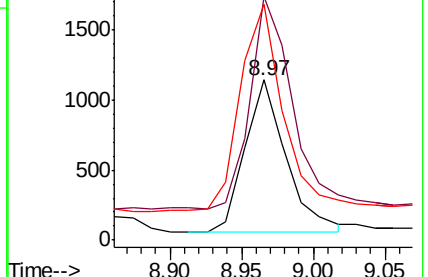
54 147.2 106.6 160.0

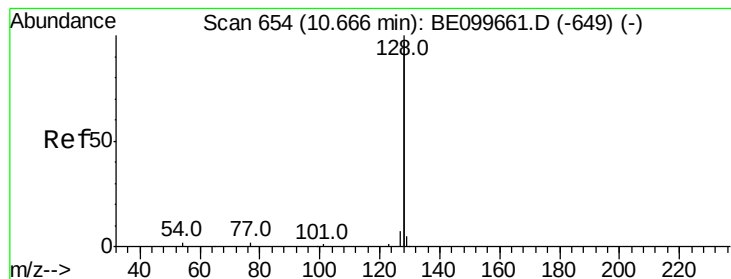


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.356 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

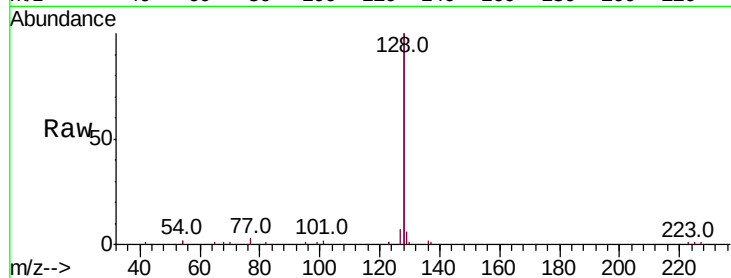
Tot Ion:128 Resp: 25664

Ion Ratio Lower Upper

128 100

129 3.2 2.4 3.6

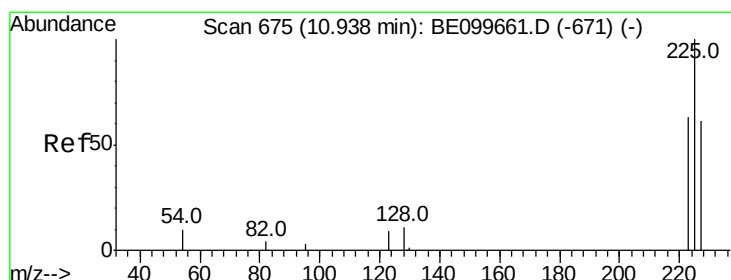
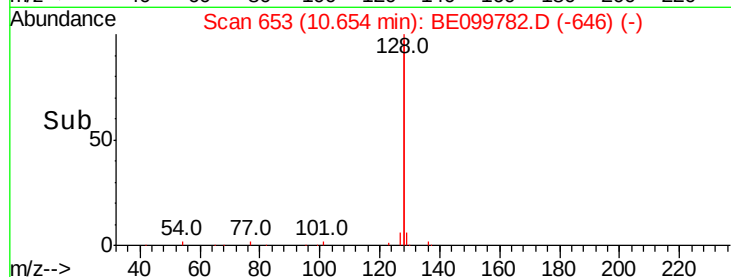
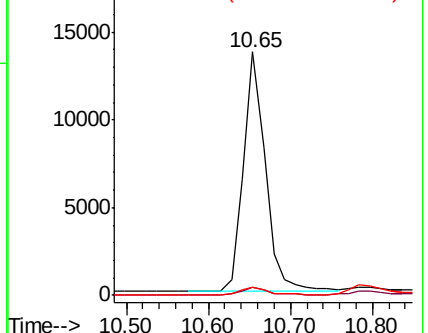
127 3.6 2.9 4.3



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: 0.363 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

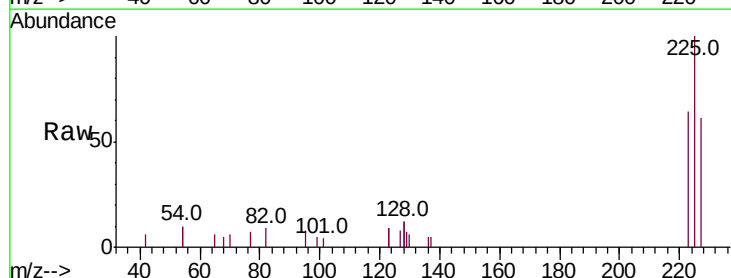
Tgt Ion:225 Resp: 1927

Ion Ratio Lower Upper

225 100

223 61.3 51.8 77.6

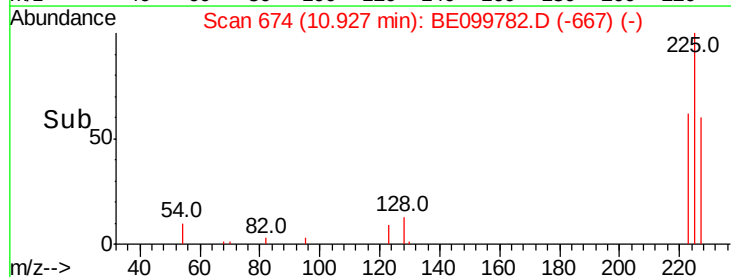
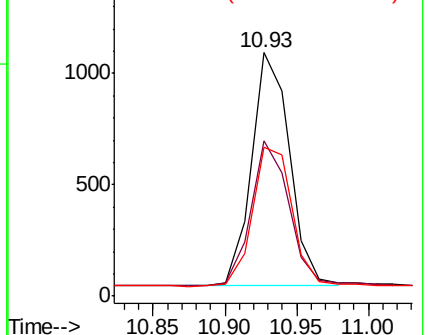
227 62.8 52.6 79.0

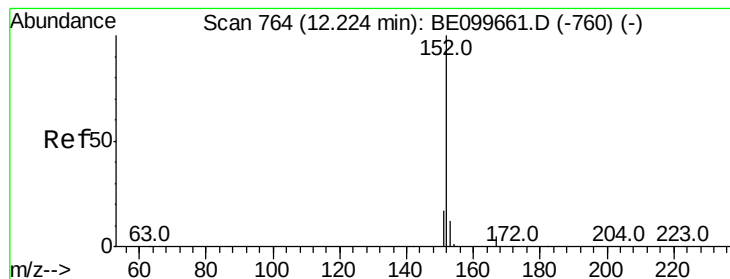


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

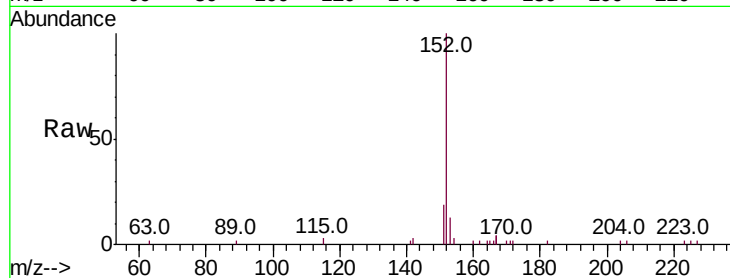
SSTDCCC0.4EC

Tot Ion:152 Resp: 4184

Ion Ratio Lower Upper

152 100

151 19.0 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

1500

1000

500

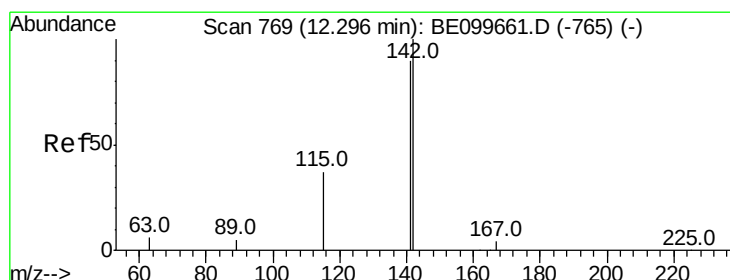
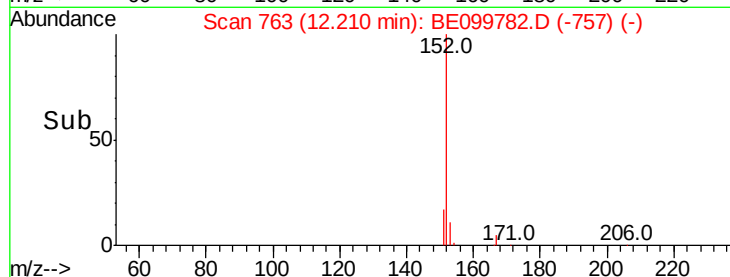
0

12.21

12.20

12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.355 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

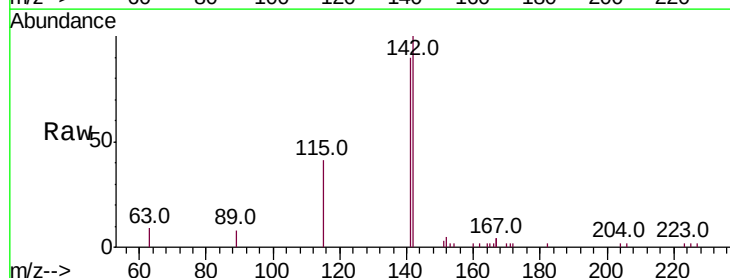
Tgt Ion:142 Resp: 4176

Ion Ratio Lower Upper

142 100

141 90.2 72.0 108.0

115 41.4 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

3000

2500

2000

1500

1000

500

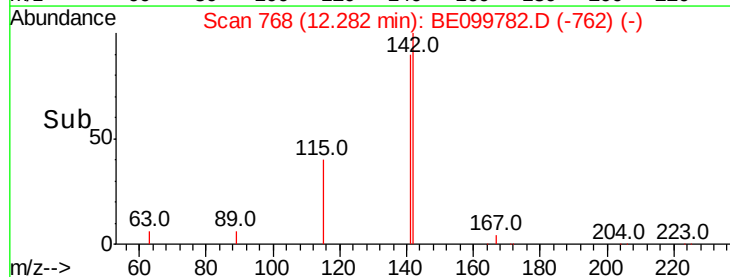
0

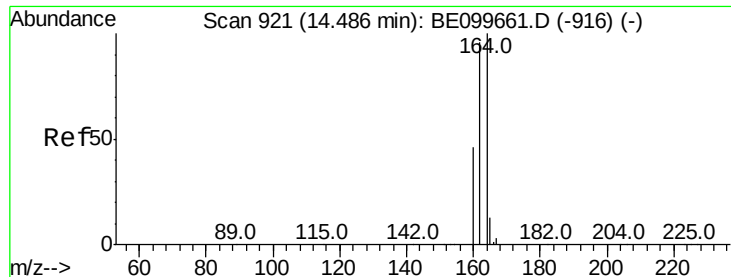
12.28

12.20

12.30

Time-->

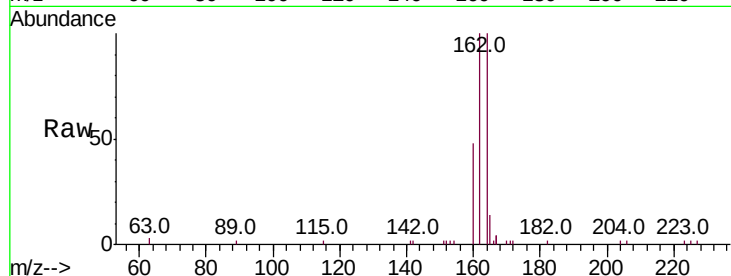




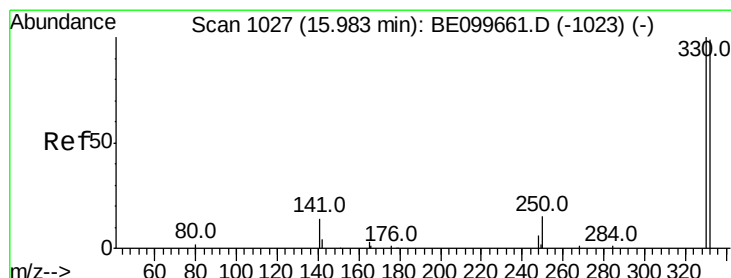
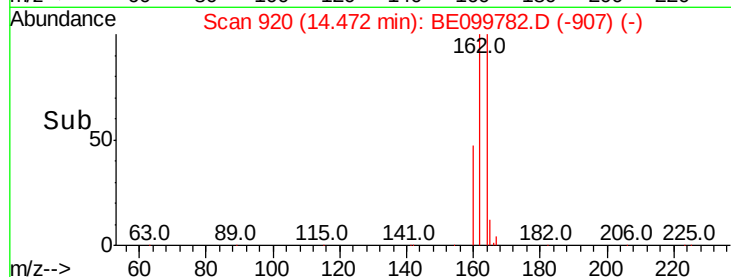
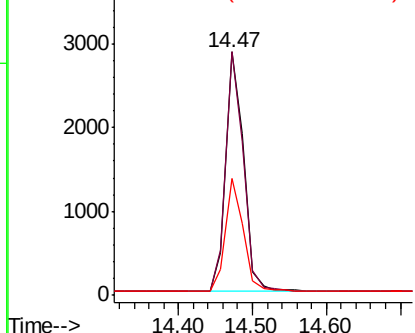
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BE099782.D
 Acq: 29 May 2019 18:38

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:164 Resp: 4824
 Ion Ratio Lower Upper
 164 100
 162 100.0 76.5 114.7
 160 47.9 37.4 56.2

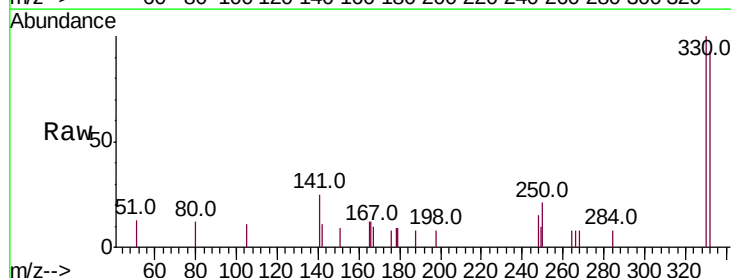


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

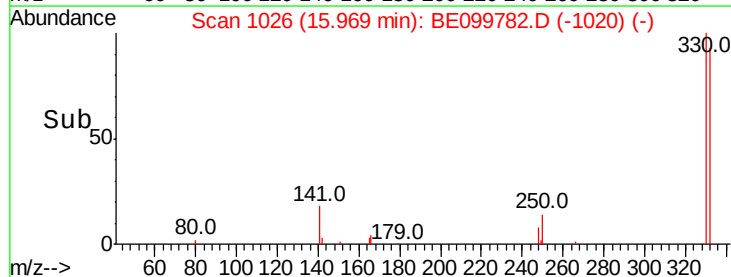
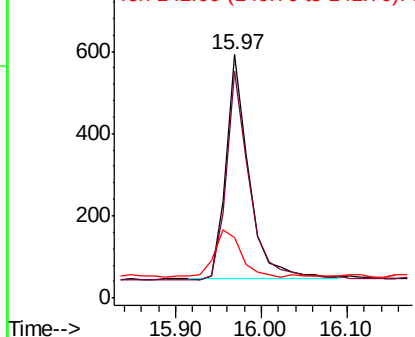


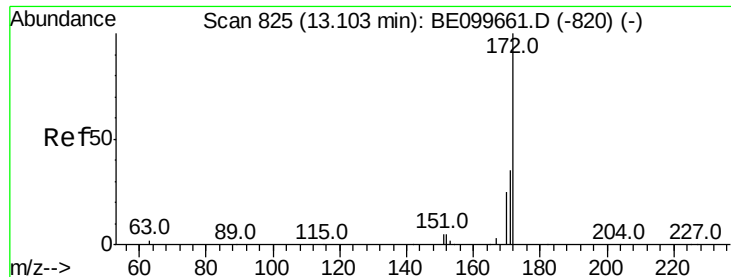
#14
 2,4,6-Tribromophenol
 Concen: 0.407 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099782.D
 Acq: 29 May 2019 18:38

Tgt Ion:330 Resp: 1014
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 25.2 18.9 28.3



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

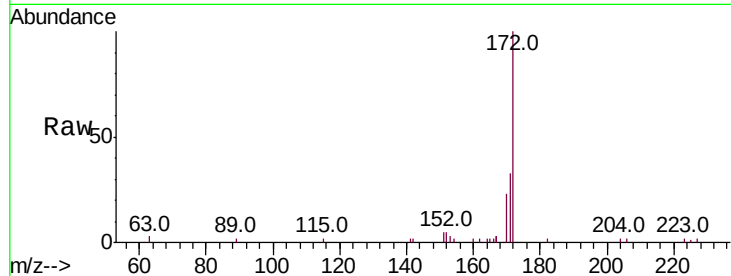




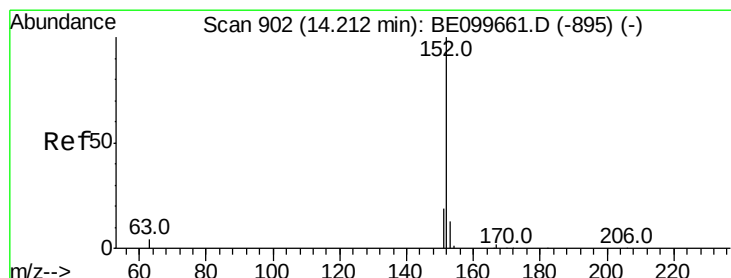
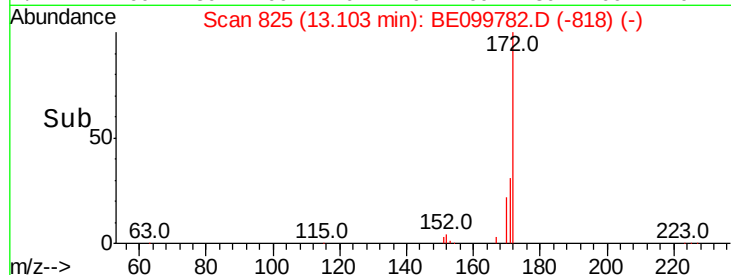
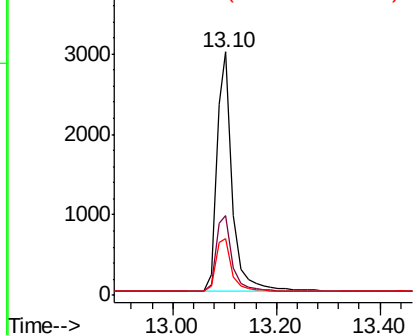
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 6342
Ion Ratio Lower Upper
172 100
171 32.6 28.7 43.1
170 23.4 20.9 31.3

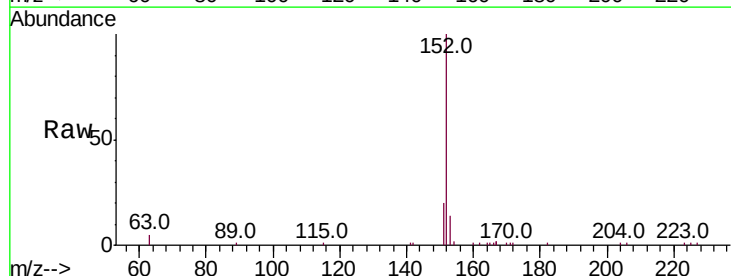


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

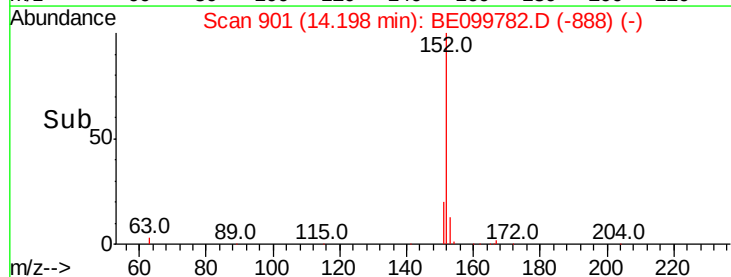
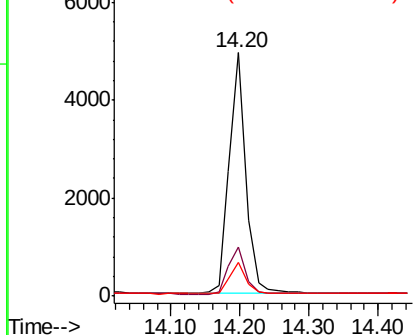


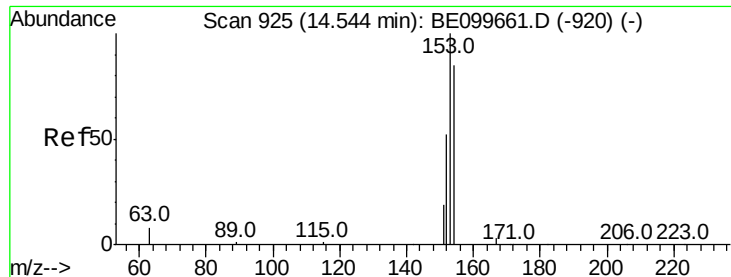
#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:152 Resp: 8325
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.7 10.6 16.0



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

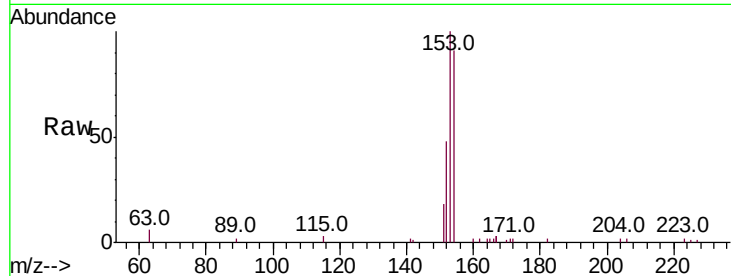




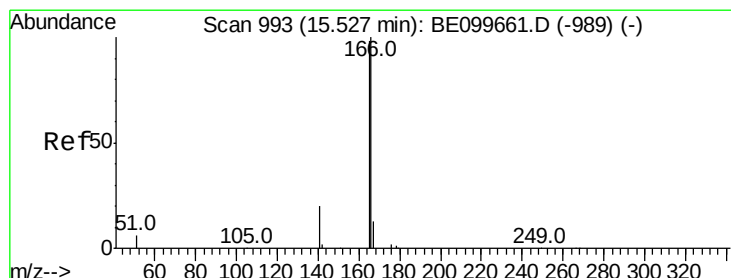
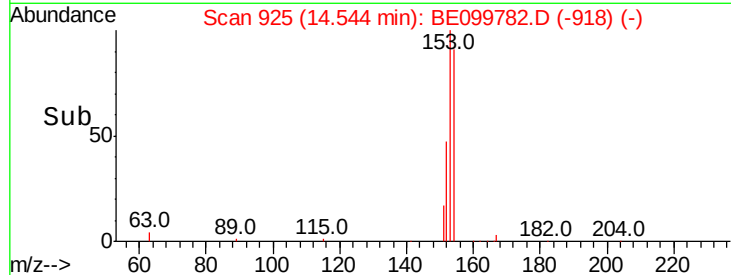
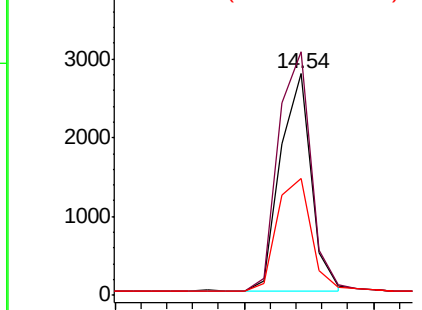
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 4643
Ion Ratio Lower Upper
154 100
153 115.4 91.8 137.6
152 56.5 46.0 69.0

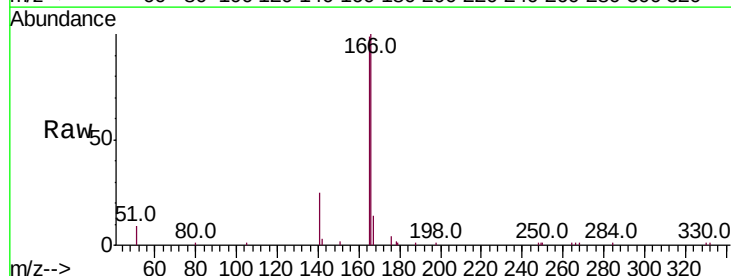


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

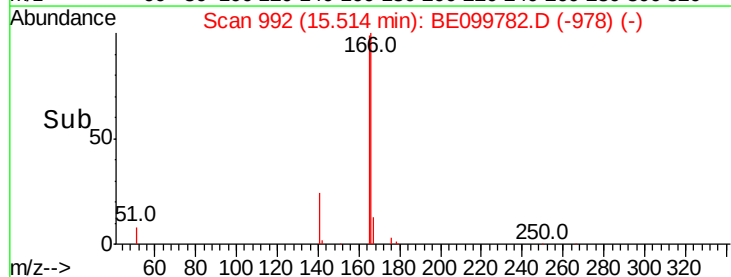
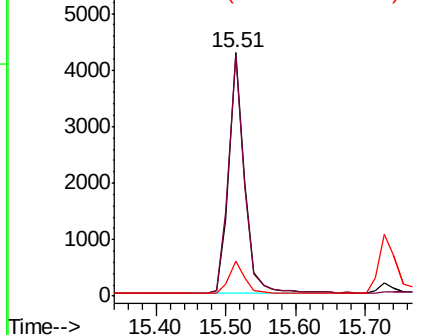


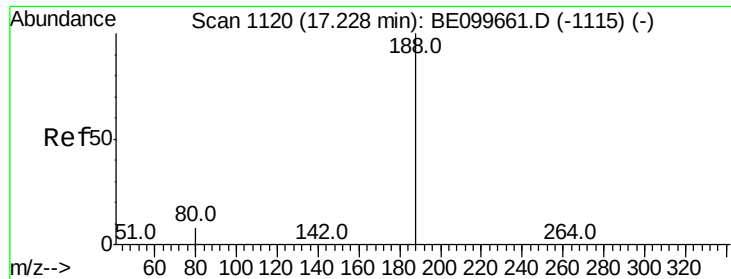
#18
Fluorene
Concen: 0.358 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.01 min
Lab File: BE099782.D
Acq: 29 May 2019 18:38

Tgt Ion:166 Resp: 6651
Ion Ratio Lower Upper
166 100
165 100.6 80.3 120.5
167 13.7 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: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

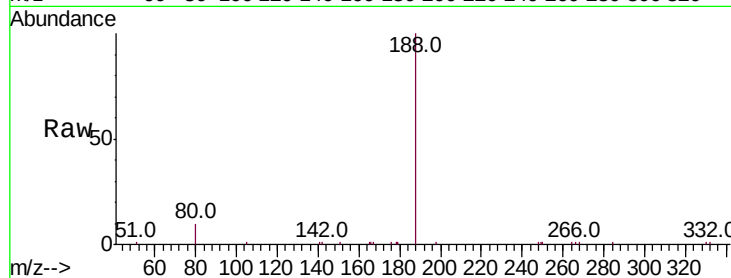
Tot Ion:188 Resp: 14613

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

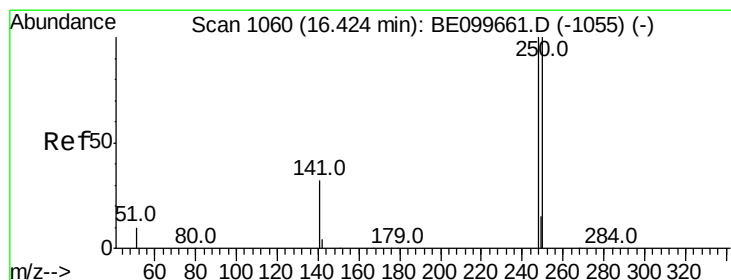
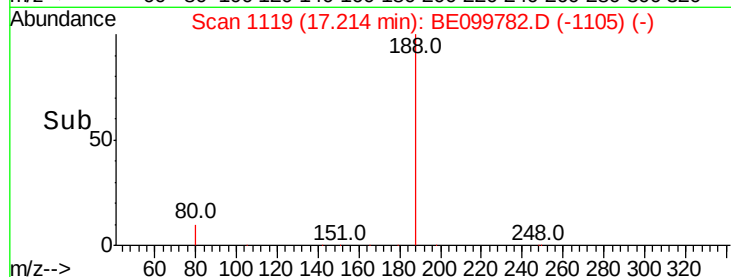
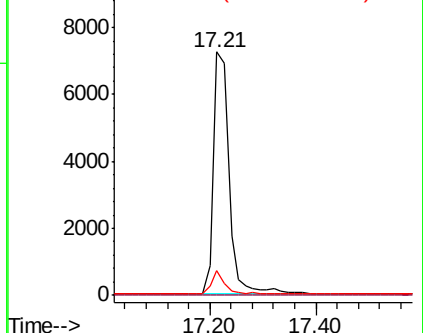
80 10.4 6.7 10.1#



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: 0.348 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

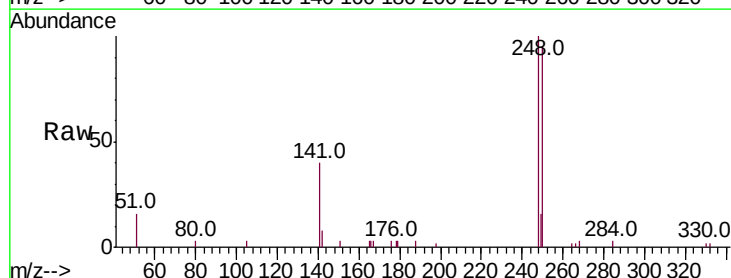
Tgt Ion:248 Resp: 2936

Ion Ratio Lower Upper

248 100

250 94.8 79.8 119.8

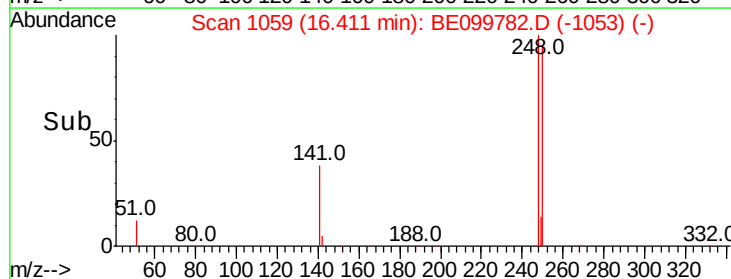
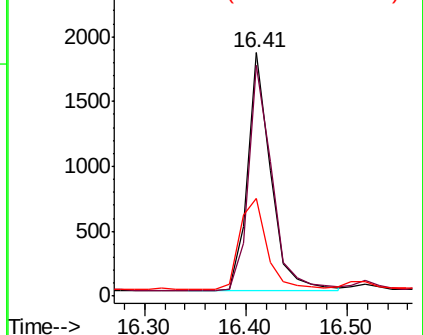
141 40.4 27.0 40.6

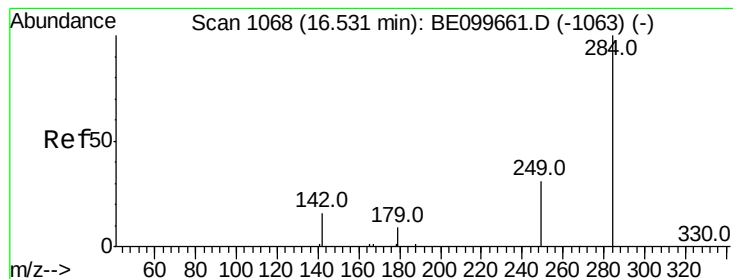


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.350 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

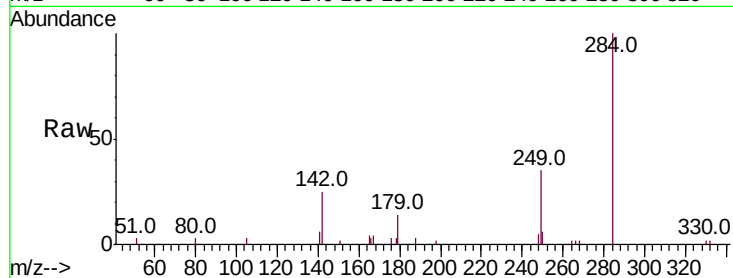
Tot Ion:284 Resp: 3020

Ion Ratio Lower Upper

284 100

142 22.7 17.8 26.6

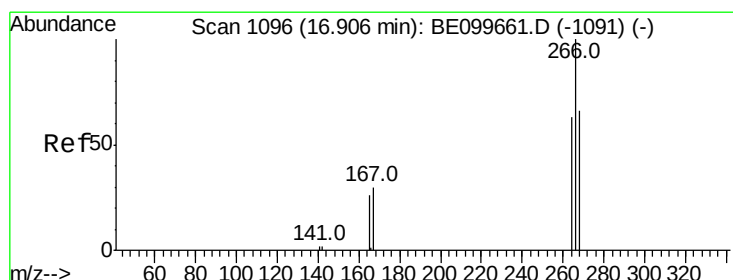
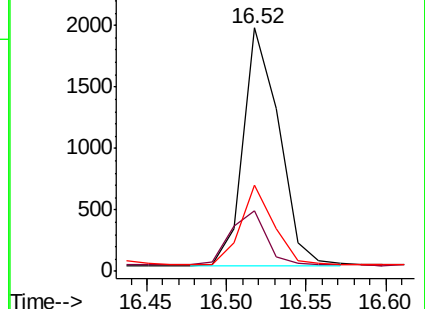
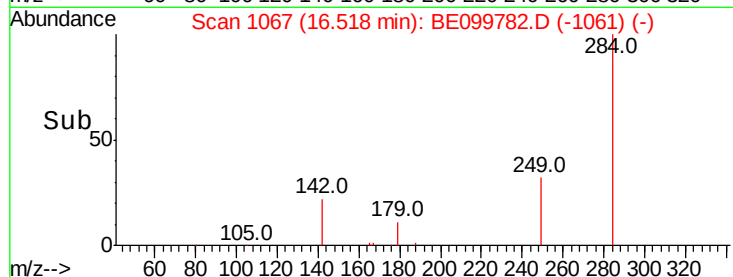
249 31.3 24.8 37.2



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: 0.477 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

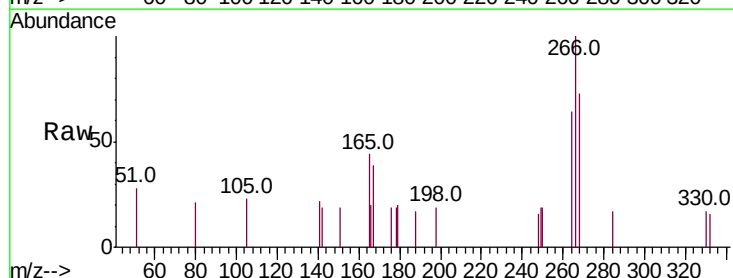
Tgt Ion:266 Resp: 794

Ion Ratio Lower Upper

266 100

264 64.4 57.2 85.8

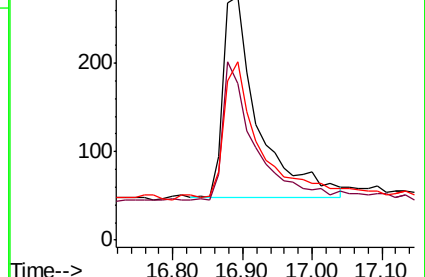
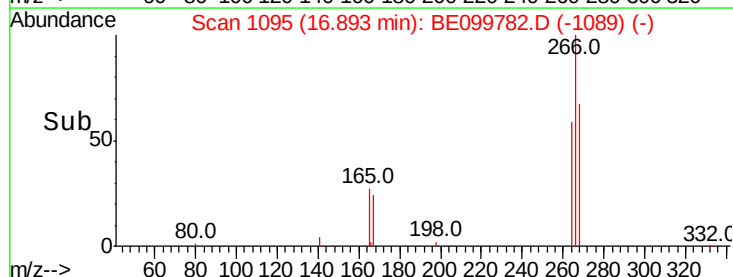
268 73.5 60.5 90.7

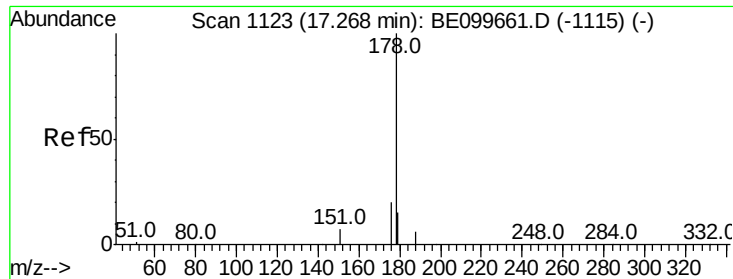


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.355 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

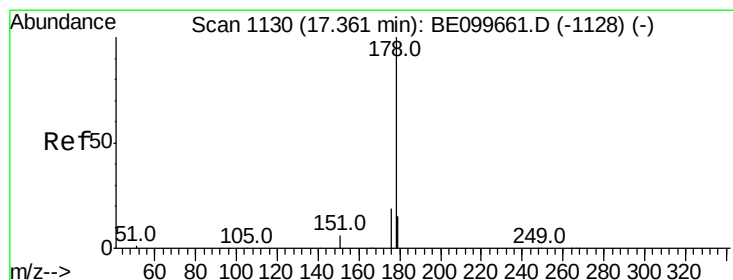
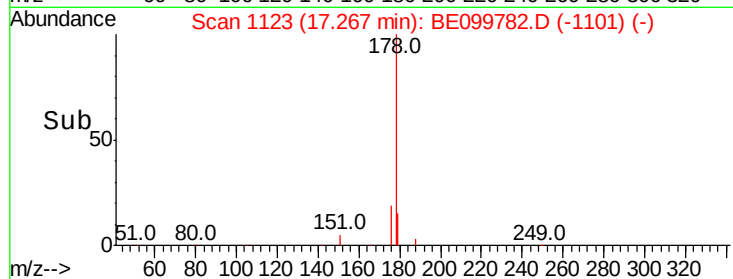
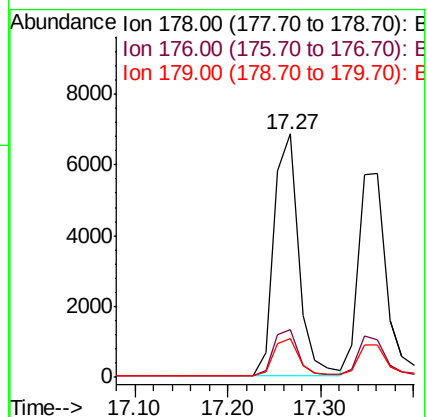
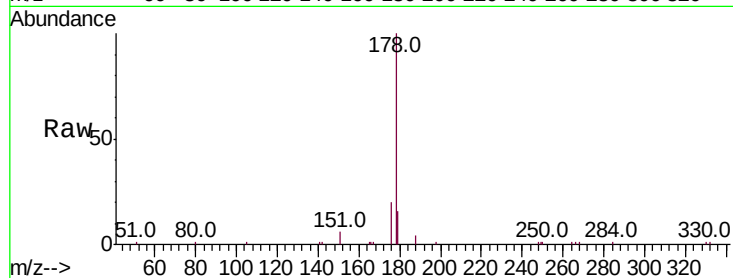
Tot Ion:178 Resp: 12680

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

179 15.8 12.2 18.4



#24

Anthracene

Concen: 0.349 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

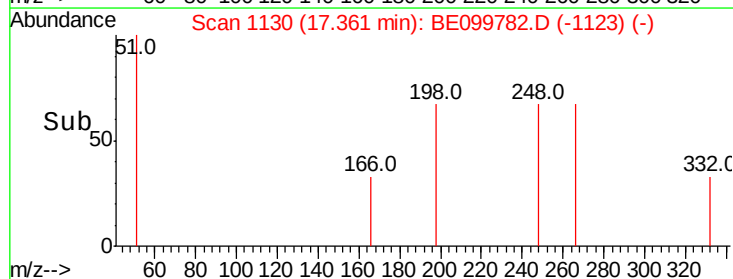
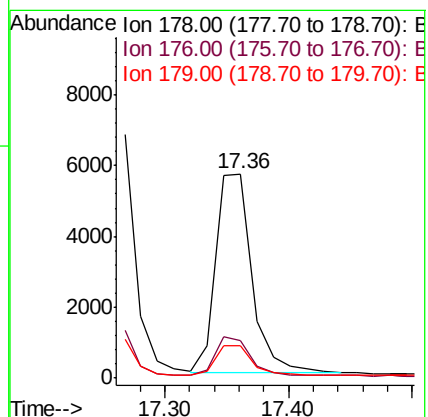
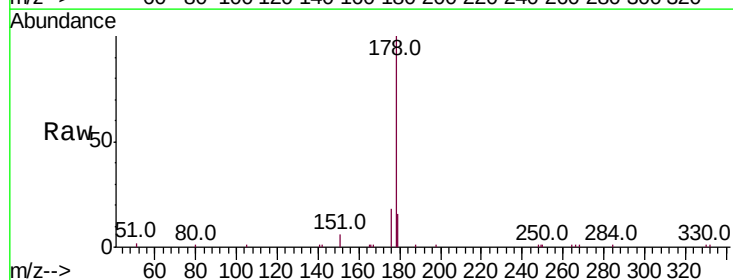
Tgt Ion:178 Resp: 11287

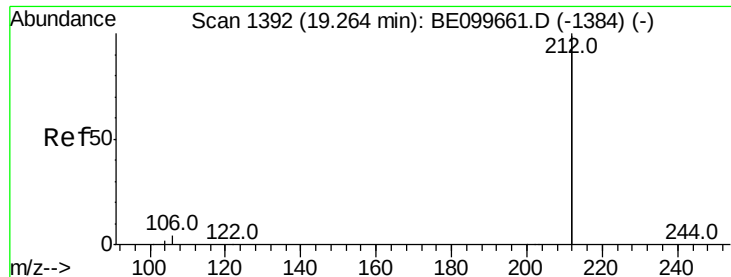
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 15.0 12.0 18.0

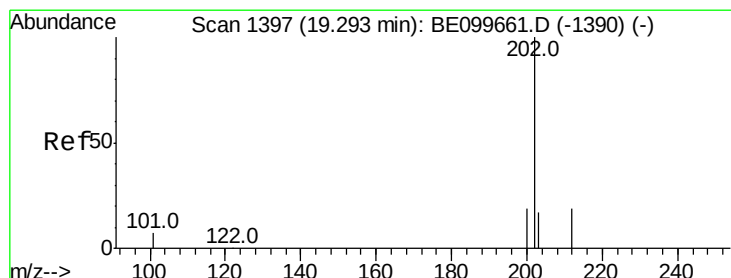
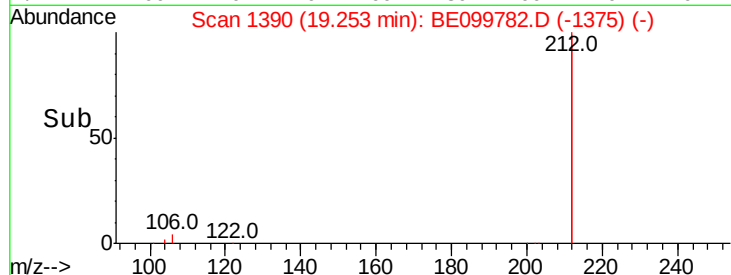
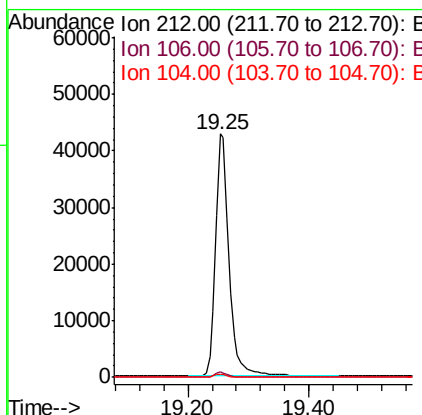
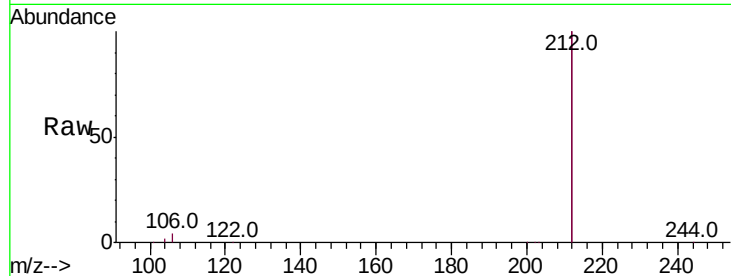




#25
 Fluoranthene-d10
 Concen: 0.336 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099782.D
 Acq: 29 May 2019 18:38

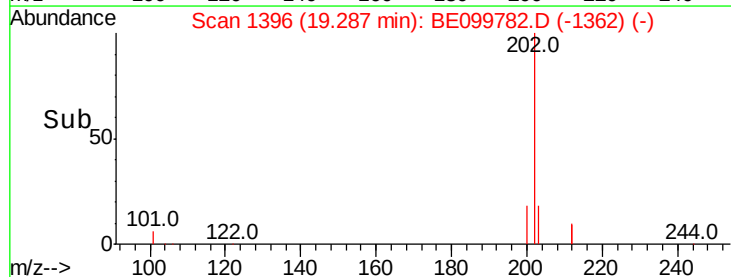
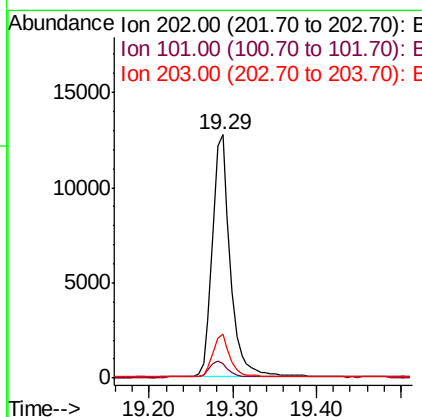
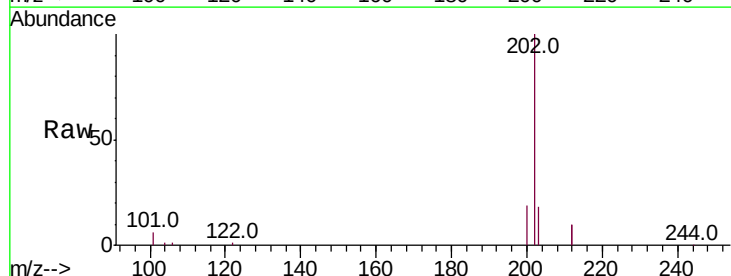
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

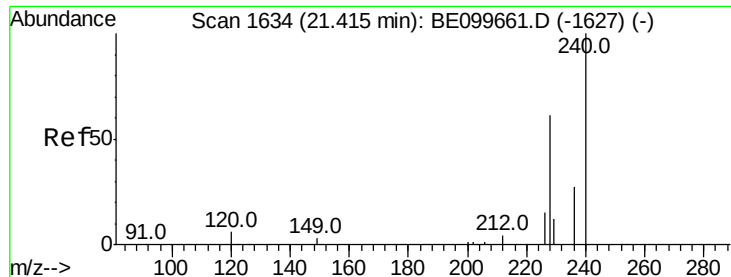
Tot Ion:212 Resp: 67175
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.2
 104 1.1 0.8 1.2



#26
 Fluoranthene
 Concen: 0.338 ng
 RT: 19.29 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BE099782.D
 Acq: 29 May 2019 18:38

Tgt Ion:202 Resp: 19084
 Ion Ratio Lower Upper
 202 100
 101 6.9 5.2 7.8
 203 17.0 13.8 20.6

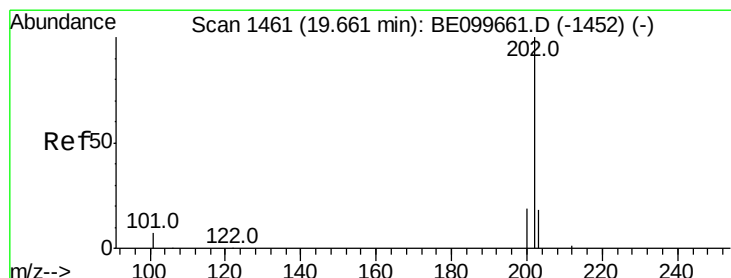
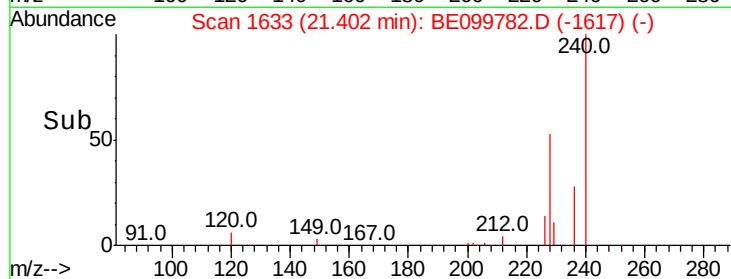
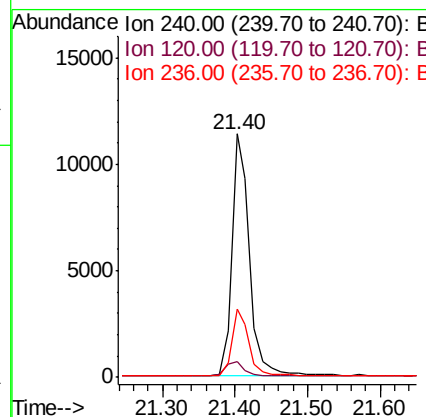
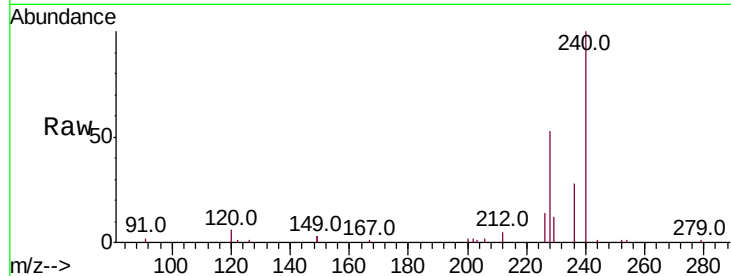




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099782.D
 Acq: 29 May 2019 18:38

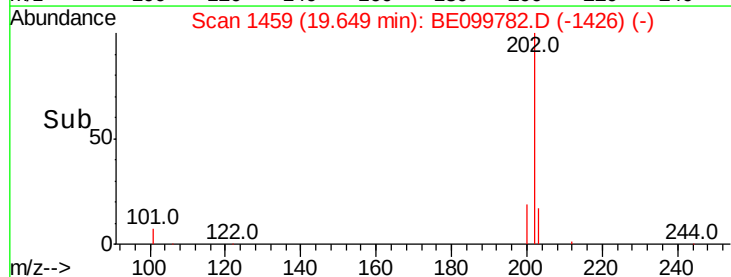
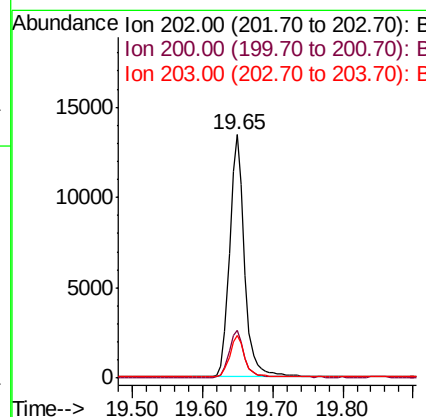
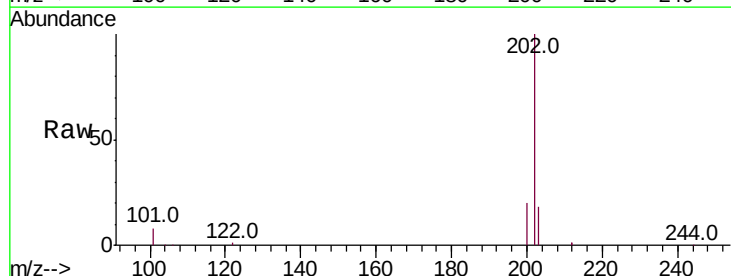
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

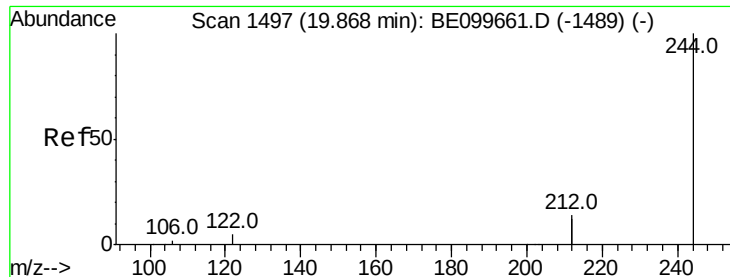
Tot Ion:240 Resp: 19567
 Ion Ratio Lower Upper
 240 100
 120 6.4 5.4 8.0
 236 28.3 21.7 32.5



#28
 Pyrene
 Concen: 0.405 ng
 RT: 19.65 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BE099782.D
 Acq: 29 May 2019 18:38

Tgt Ion:202 Resp: 19895
 Ion Ratio Lower Upper
 202 100
 200 19.6 15.4 23.2
 203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 0.382 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.02 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

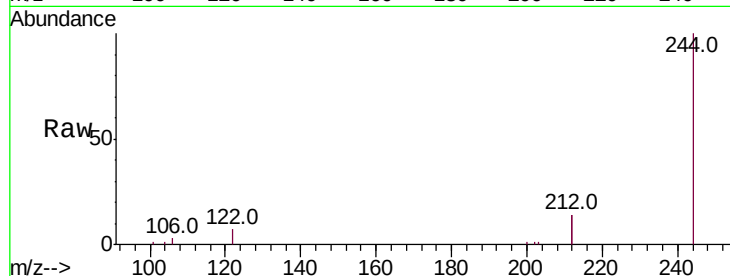
Tot Ion:244 Resp: 13356

Ion Ratio Lower Upper

244 100

212 28.1 22.5 33.7

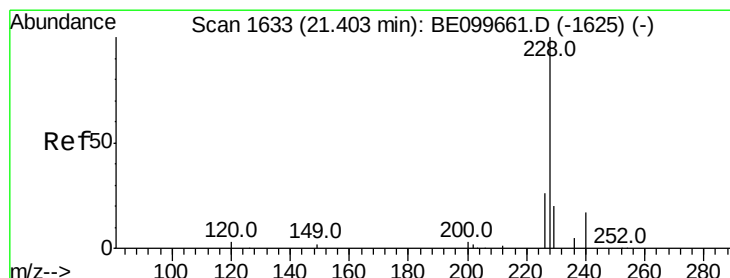
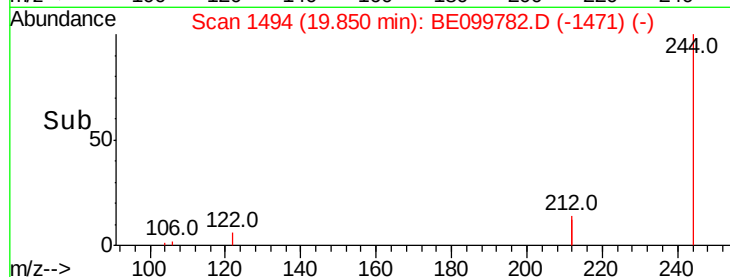
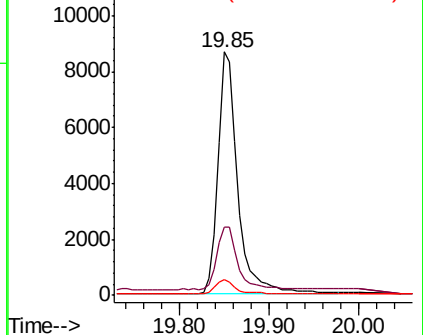
122 6.7 4.3 6.5#



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: 0.390 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

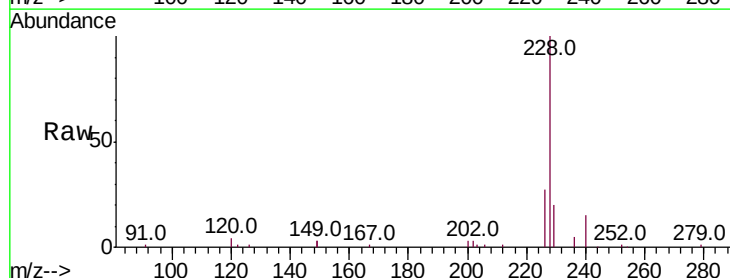
Tgt Ion:228 Resp: 21694

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

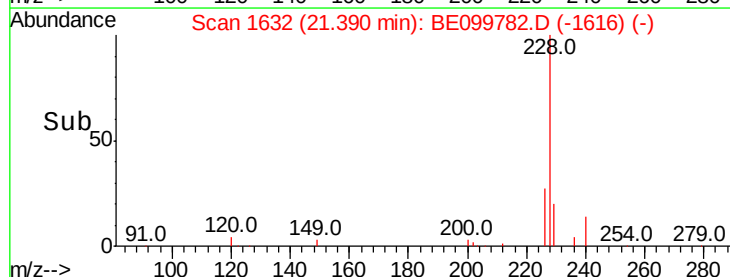
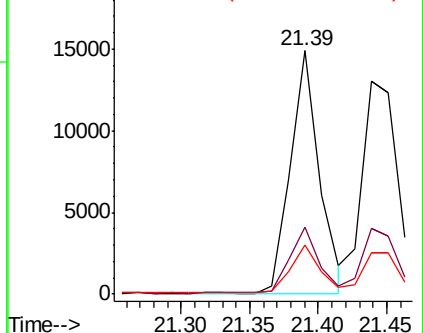
229 20.3 16.1 24.1

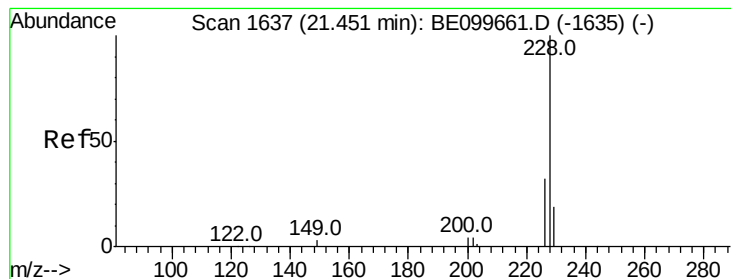


Abundance Ion 228.00 (227.70 to 228.70): E

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: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

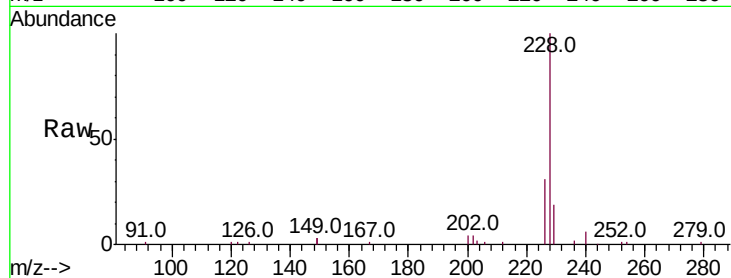
Tot Ion:228 Resp: 23329

Ion Ratio Lower Upper

228 100

226 30.9 24.7 37.1

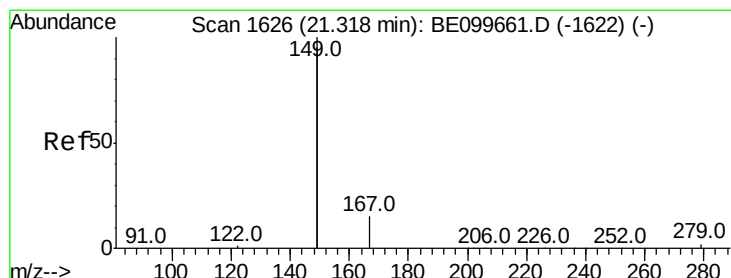
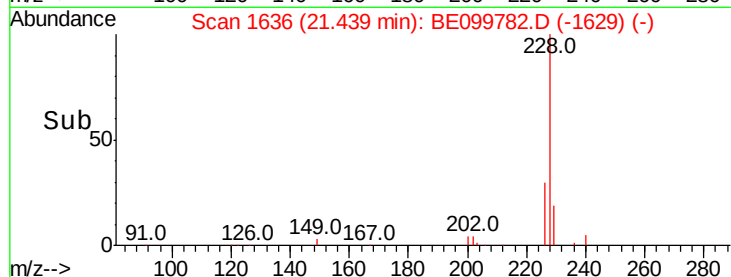
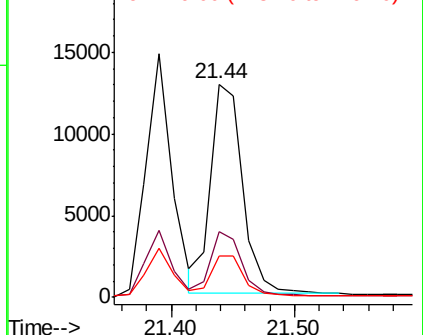
229 19.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

20000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.490 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

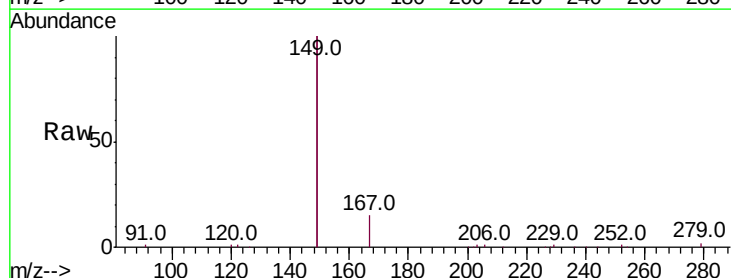
Tgt Ion:149 Resp: 31417

Ion Ratio Lower Upper

149 100

167 7.5 6.2 9.4

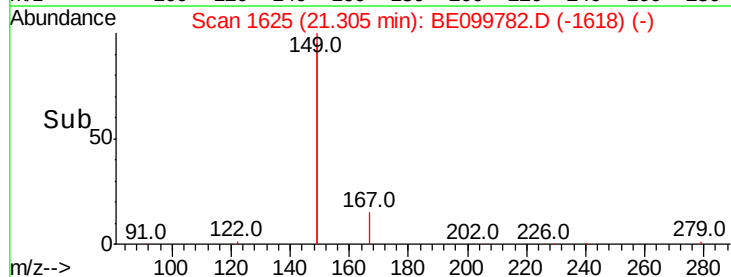
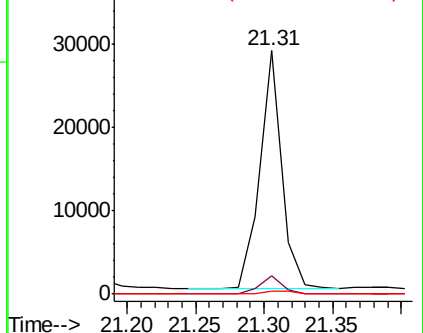
279 1.4 1.2 1.8

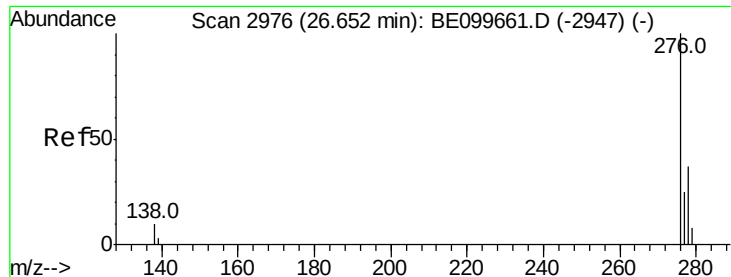


Abundance Ion 149.00 (148.70 to 149.70): E

40000 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: 0.379 ng

RT: 26.63 min Scan# 2969

Delta R.T. -0.02 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

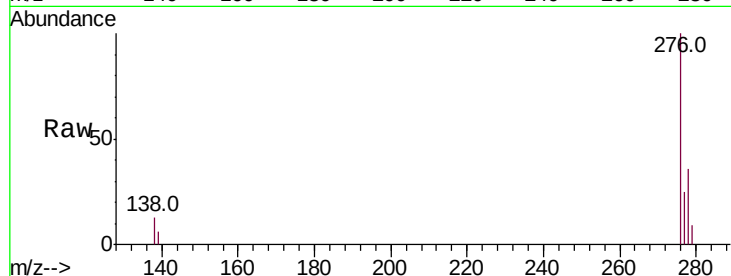
Tot Ion:276 Resp: 27198

Ion Ratio Lower Upper

276 100

138 13.0 9.6 14.4

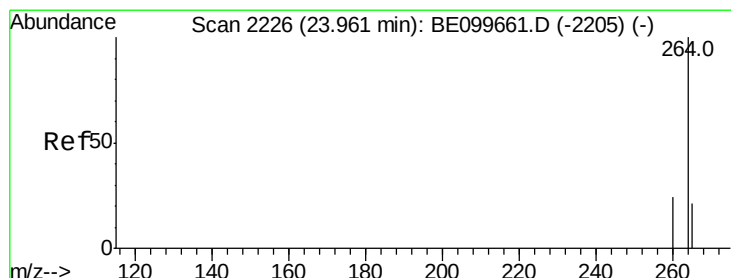
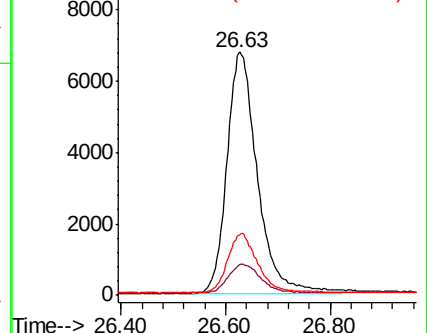
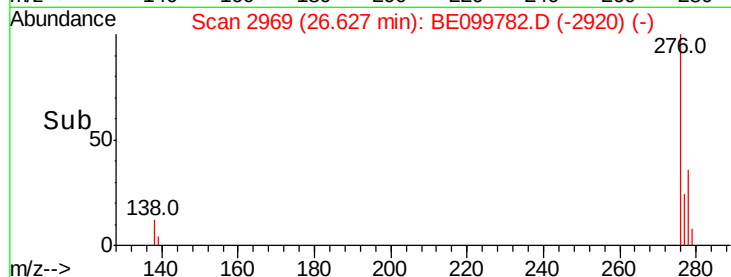
277 24.3 19.2 28.8



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: 23.94 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

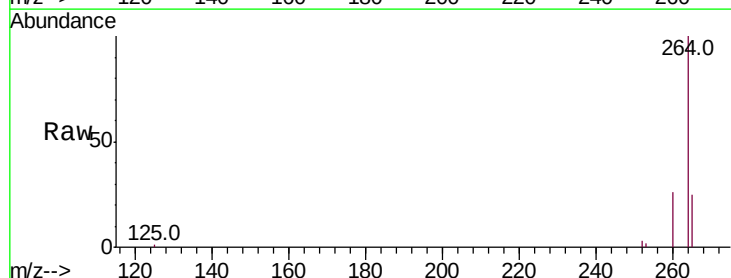
Tgt Ion:264 Resp: 22604

Ion Ratio Lower Upper

264 100

260 25.5 19.6 29.4

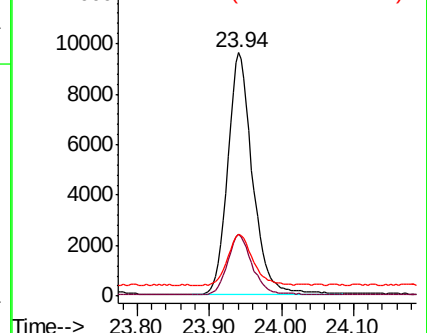
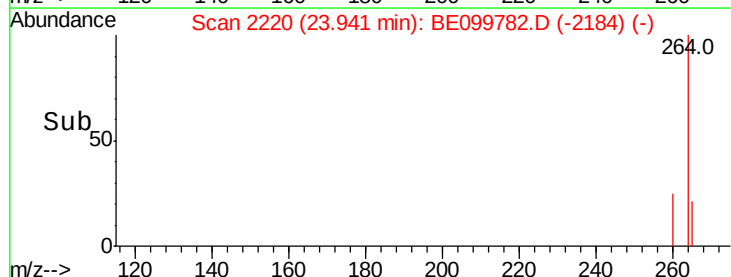
265 25.3 19.1 28.7

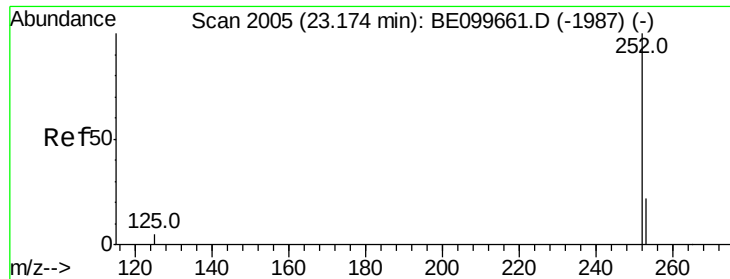


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.358 ng

RT: 23.21 min Scan# 2015

Delta R.T. 0.04 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

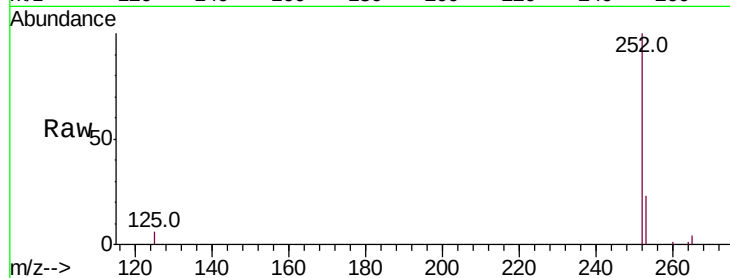
Tot Ion:252 Resp: 22175

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

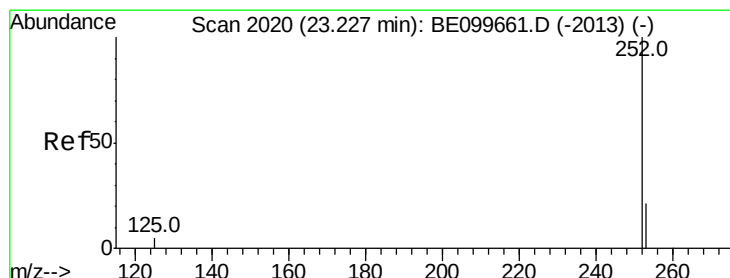
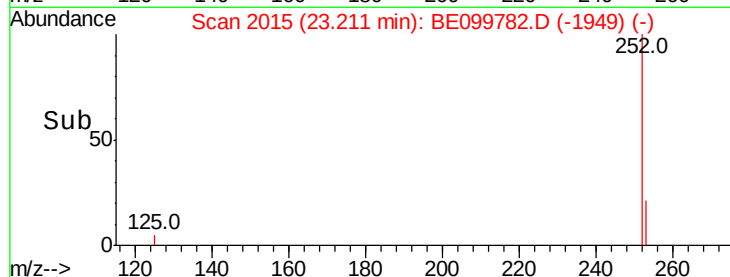
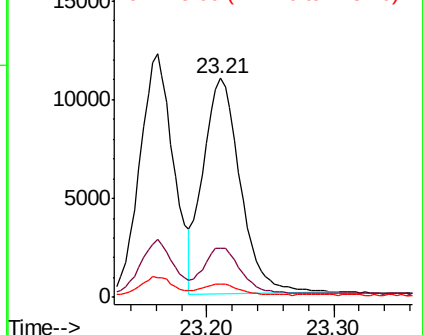
125 6.0 4.5 6.7



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: 0.343 ng

RT: 23.21 min Scan# 2015

Delta R.T. -0.02 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

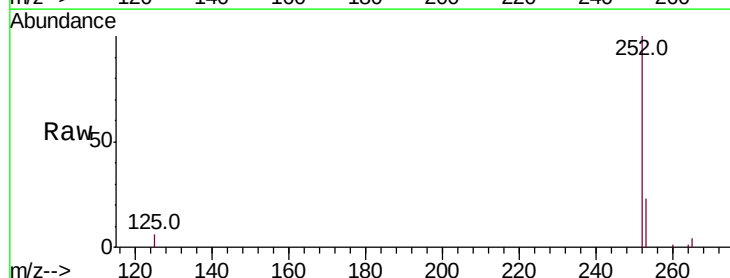
Tgt Ion:252 Resp: 22171

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

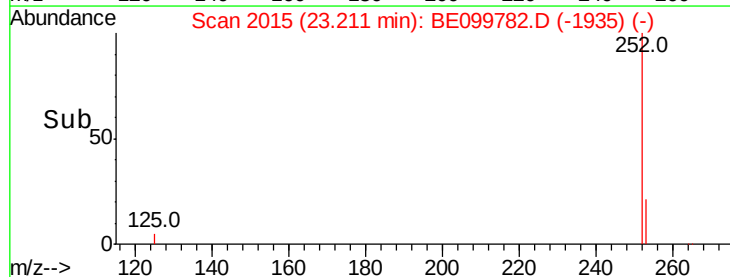
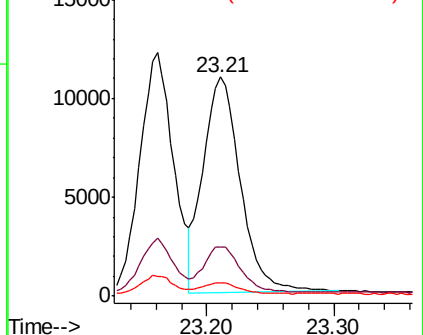
125 6.0 4.6 6.8

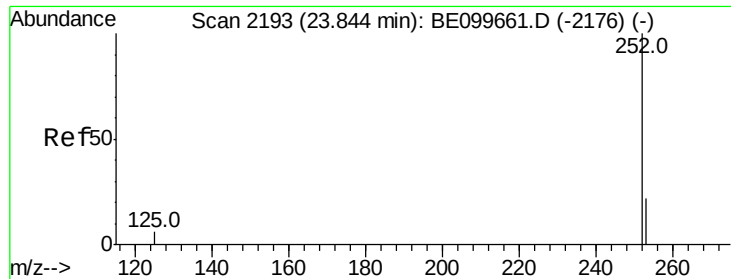


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.83 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

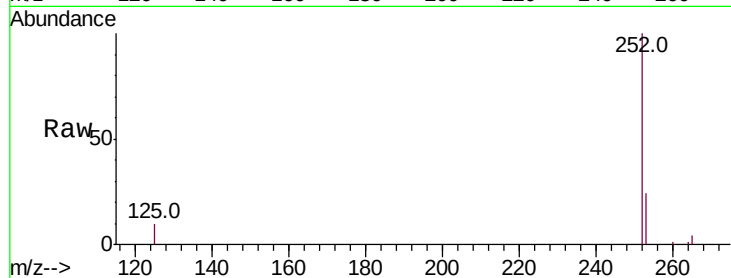
Tot Ion:252 Resp: 21581

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

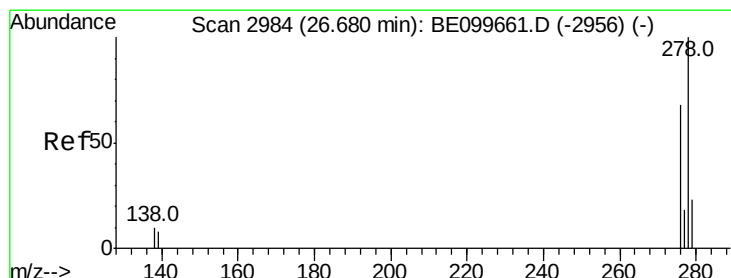
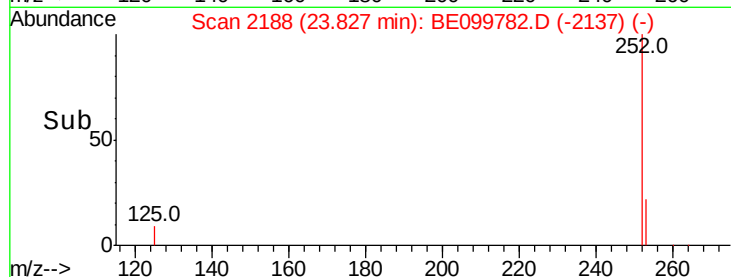
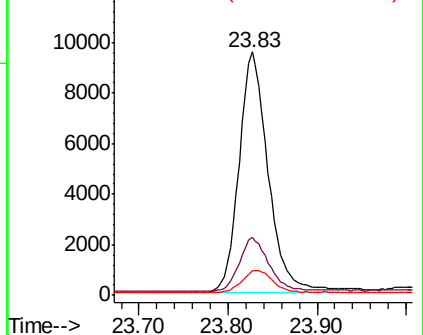
125 9.9 5.4 8.0#



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: 0.349 ng

RT: 26.66 min Scan# 2978

Delta R.T. -0.02 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

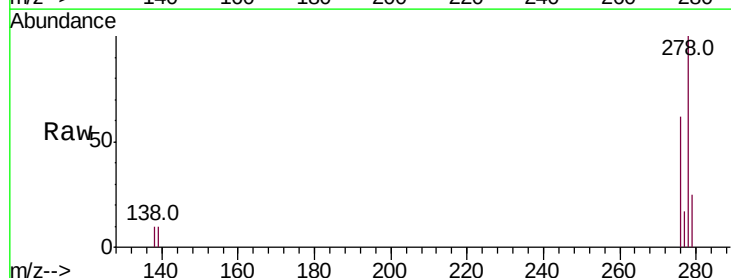
Tgt Ion:278 Resp: 21834

Ion Ratio Lower Upper

278 100

139 10.1 6.9 10.3

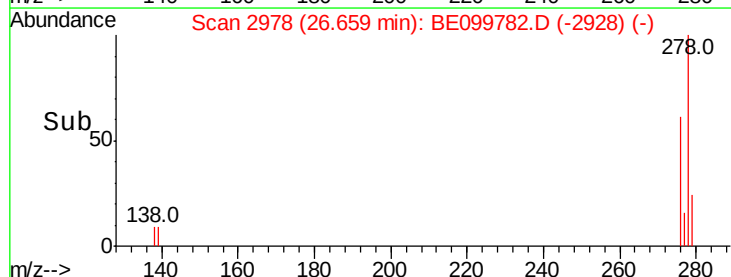
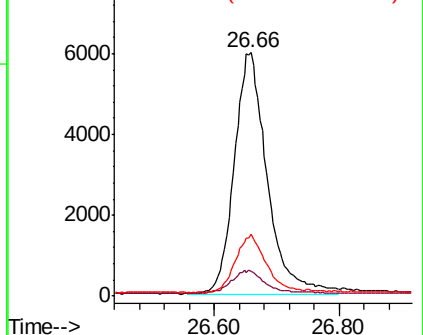
279 25.2 19.2 28.8

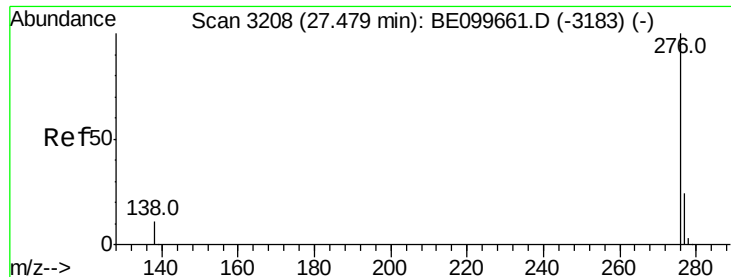


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.355 ng

RT: 27.46 min Scan# 3202

Delta R.T. -0.02 min

Lab File: BE099782.D

Acq: 29 May 2019 18:38

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

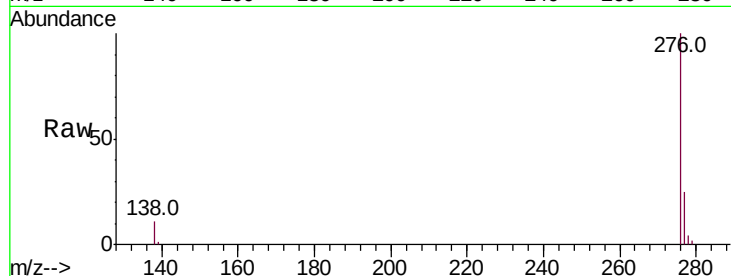
Tot Ion:276 Resp: 22457

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.6

138 11.0 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

