

Data File : BE099784.D
Acq On : 3 Jun 2019 13:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 04 03:07:48 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	1408	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	4978	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	3630	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	11828	0.40	ng	0.00
27) Chrysene-d12	21.41	240	18194	0.40	ng	0.00
34) Perylene-d12	23.94	264	19959	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	1324	0.37	ng	0.00
5) Phenol-d6	6.97	99	1805	0.38	ng	0.00
8) Nitrobenzene-d5	8.96	82	1673	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.21	152	3493	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.98	330	811	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	5488	0.40	ng	0.00
25) Fluoranthene-d10	19.26	212	65811	0.41	ng	0.00
29) Terphenyl-d14	19.86	244	13112	0.40	ng	-0.01

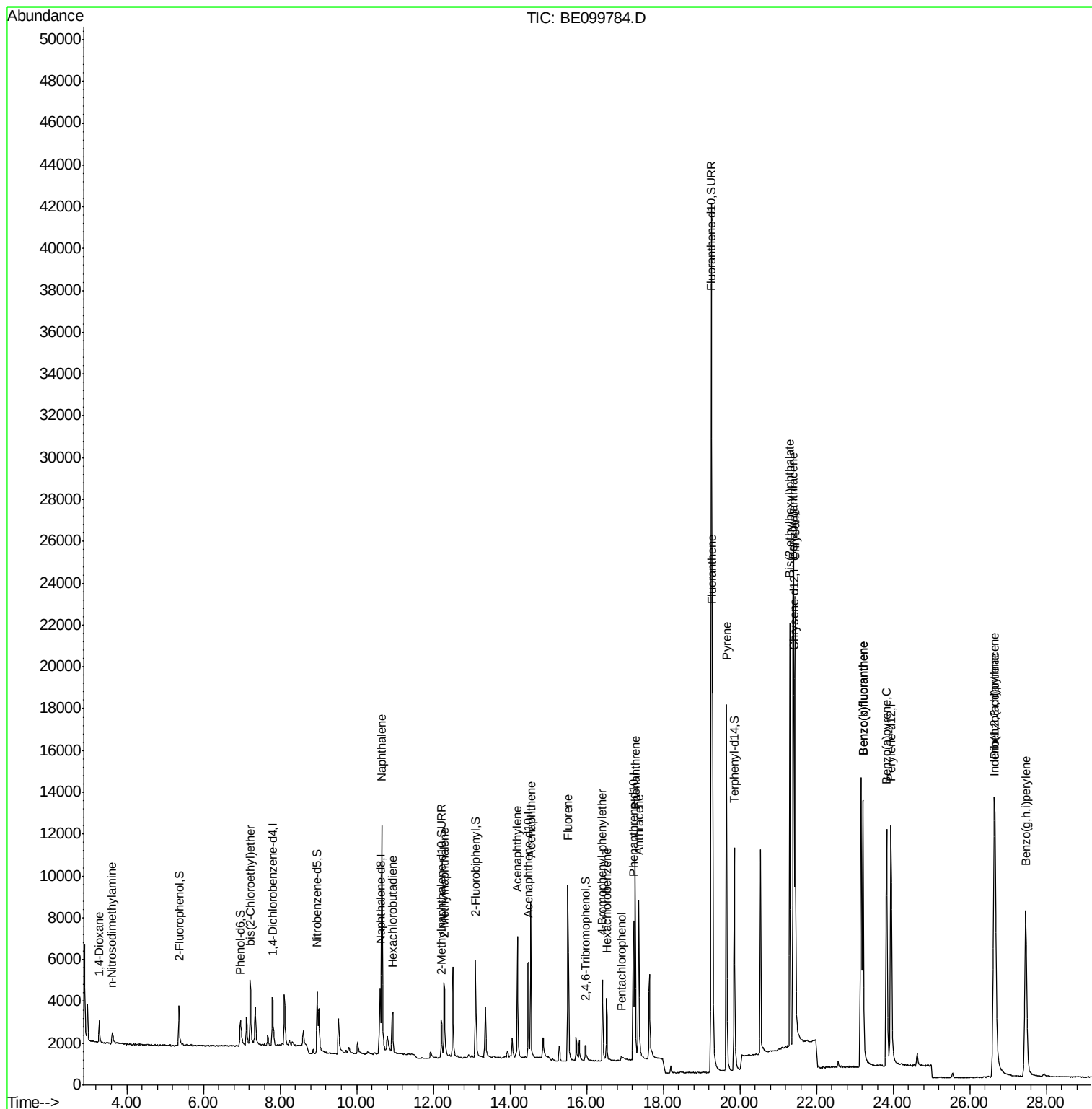
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.28	88	815	0.391	ng	# 95
3) n-Nitrosodimethylamine	3.61	42	408	0.355	ng	# 72
6) bis(2-Chloroethyl)ether	7.23	93	1551	0.370	ng	100
9) Naphthalene	10.65	128	21551	0.405	ng	100
10) Hexachlorobutadiene	10.94	225	1581	0.403	ng	99
12) 2-Methylnaphthalene	12.28	142	3532	0.407	ng	96
16) Acenaphthylene	14.20	152	7107	0.420	ng	100
17) Acenaphthene	14.54	154	3856	0.406	ng	96
18) Fluorene	15.51	166	5822	0.416	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	2652	0.389	ng	# 85
21) Hexachlorobenzene	16.52	284	2905	0.416	ng	99
22) Pentachlorophenol	16.91	266	372	0.355	ng	94
23) Phenanthrene	17.27	178	11568	0.400	ng	100
24) Anthracene	17.36	178	9945	0.379	ng	99
26) Fluoranthene	19.29	202	18615	0.407	ng	99
28) Pyrene	19.65	202	19208	0.420	ng	100
30) Benzo(a)anthracene	21.39	228	21622	0.418	ng	98
31) Chrysene	21.45	228	21637	0.391	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	21224	0.356	ng	100
33) Indeno(1,2,3-cd)pyrene	26.63	276	26949	0.404	ng	98
35) Benzo(b)fluoranthene	23.21	252	22716	0.415	ng	100
36) Benzo(k)fluoranthene	23.21	252	22938	0.402	ng	99
37) Benzo(a)pyrene	23.83	252	21475	0.408	ng	# 98
38) Dibenzo(a,h)anthracene	26.66	278	21933	0.397	ng	97
39) Benzo(g,h,i)perylene	27.47	276	22606	0.405	ng	98

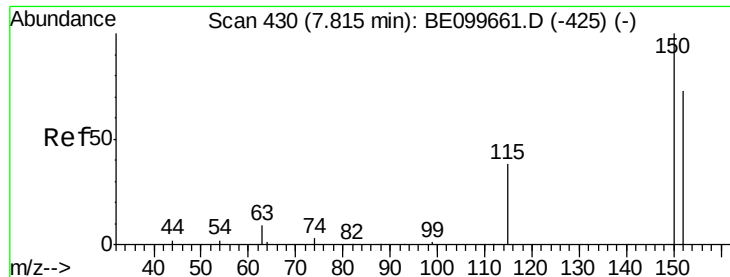
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

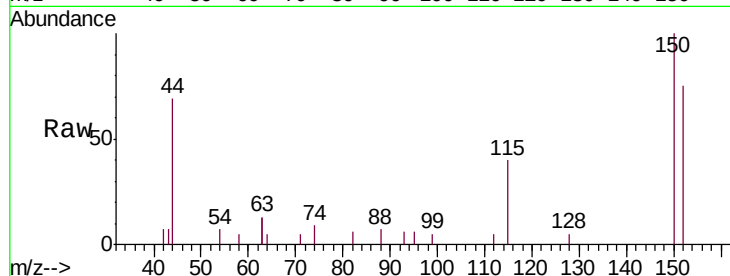
Tgt Ion:152 Resp: 1408

Ion Ratio Lower Upper

152 100

150 133.6 109.2 163.8

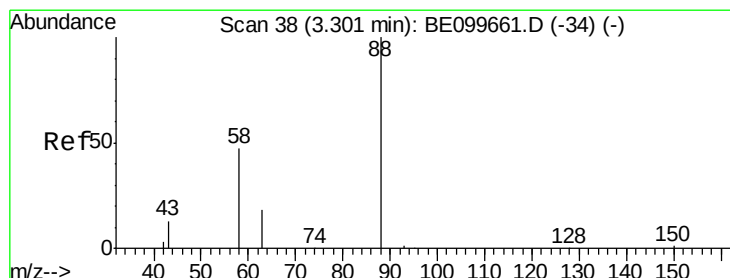
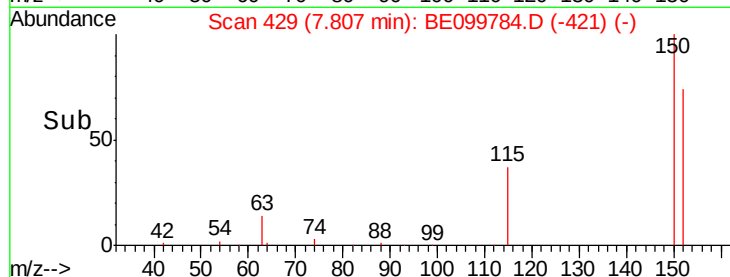
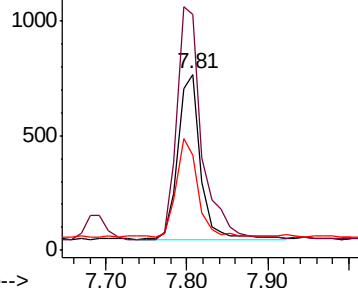
115 53.7 43.7 65.5



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: 0.391 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.02 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

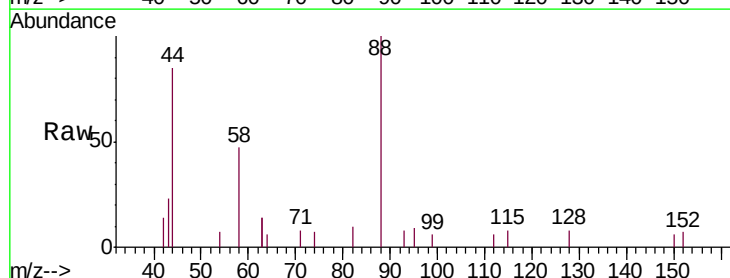
Tgt Ion: 88 Resp: 815

Ion Ratio Lower Upper

88 100

58 55.0 41.8 62.8

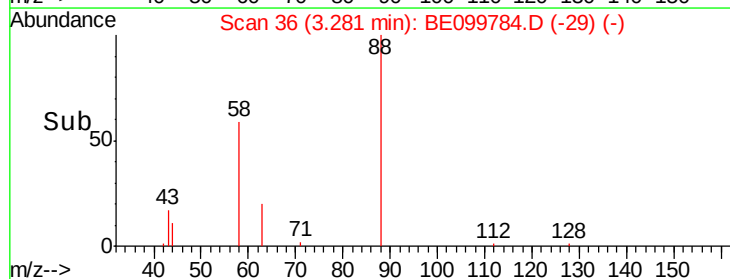
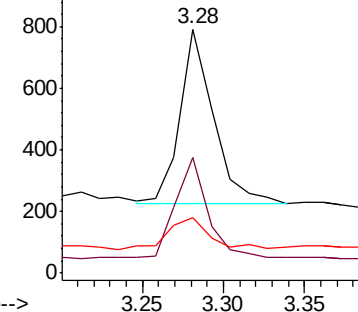
43 22.9 15.0 22.4#

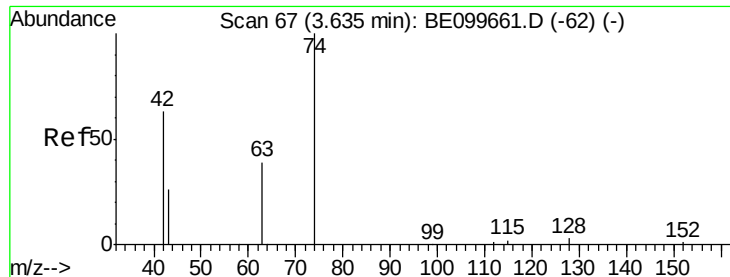


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.355 ng

RT: 3.61 min Scan# 65

Delta R.T. -0.02 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

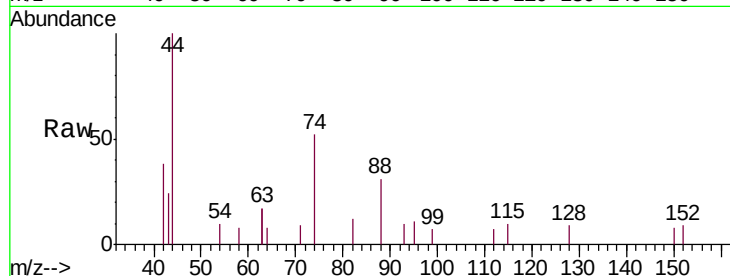
Tgt Ion: 42 Resp: 408

Ion Ratio Lower Upper

42 100

74 198.0 129.2 193.8#

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

800

600

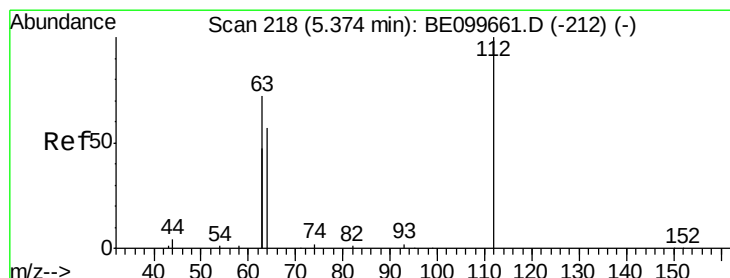
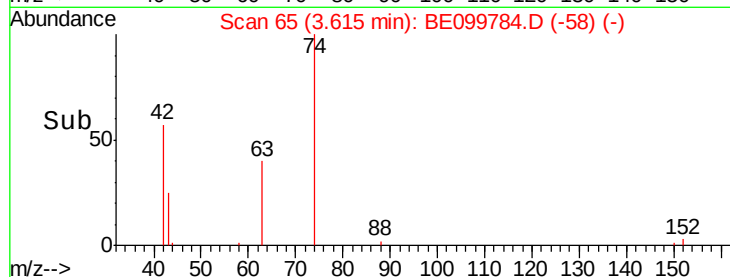
400

200

0

3.55 3.60 3.65 3.70

Time-->



#4

2-Fluorophenol

Concen: 0.372 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

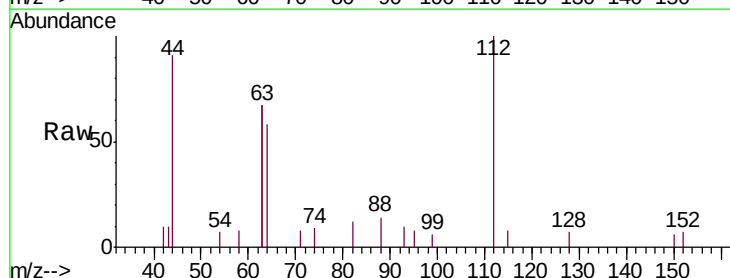
Tgt Ion: 112 Resp: 1324

Ion Ratio Lower Upper

112 100

64 55.4 43.4 65.2

63 118.9 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

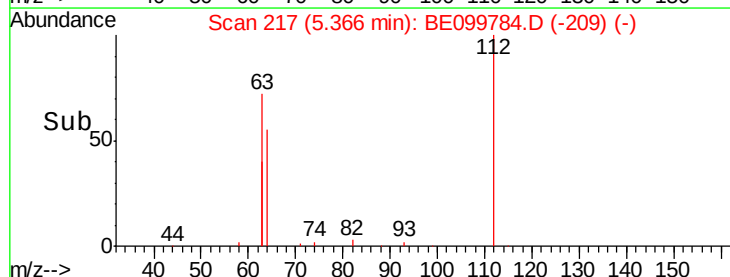
1000

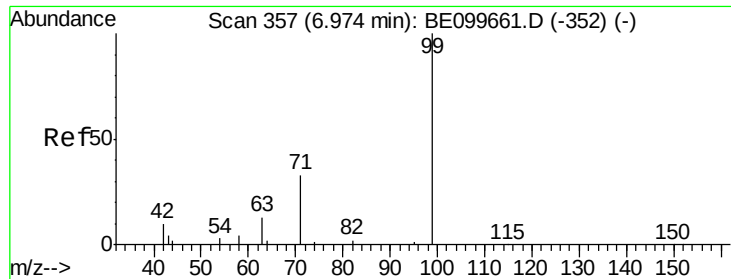
500

0

5.20 5.30 5.40 5.50

Time-->





#5

Phenol-d6

Concen: 0.383 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

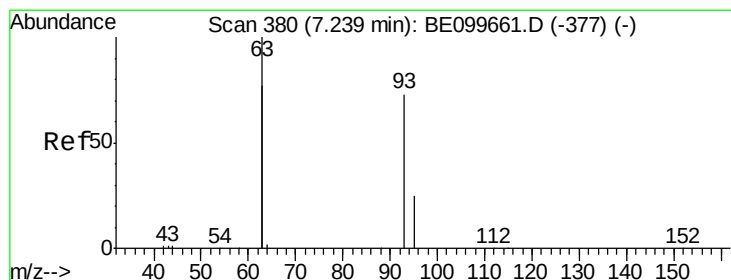
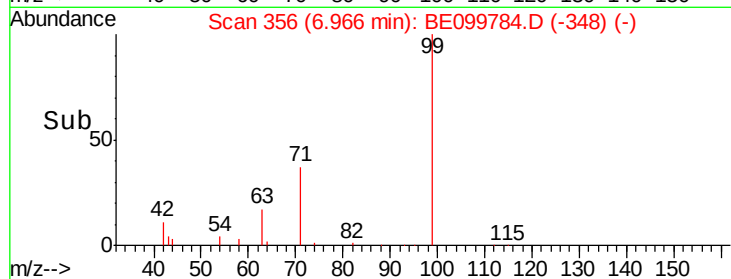
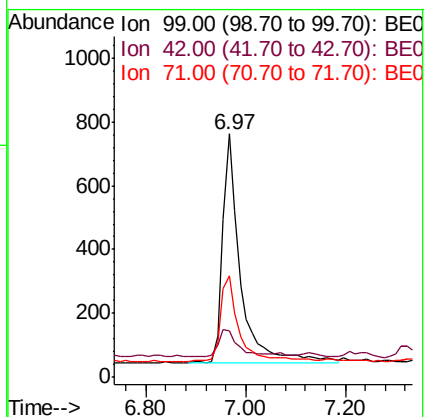
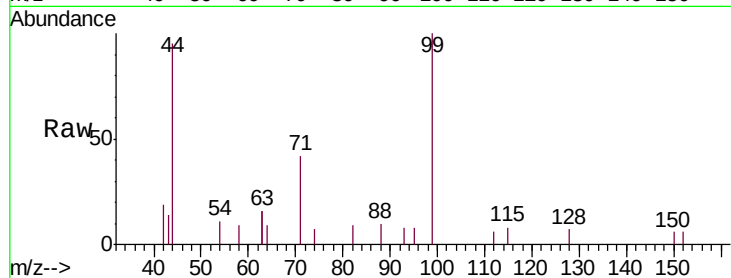
Tgt Ion: 99 Resp: 1805

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

71 35.0 28.9 43.3



#6

bis(2-Chloroethyl)ether

Concen: 0.370 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

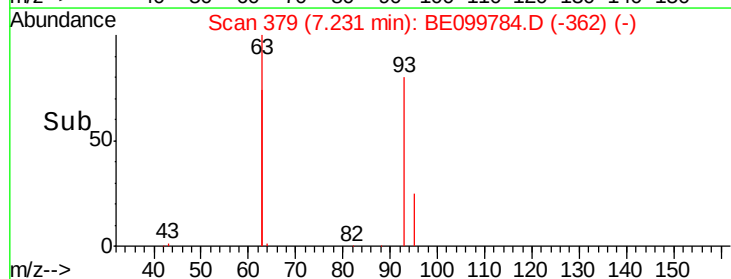
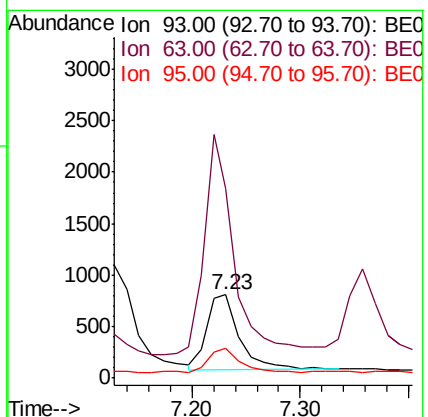
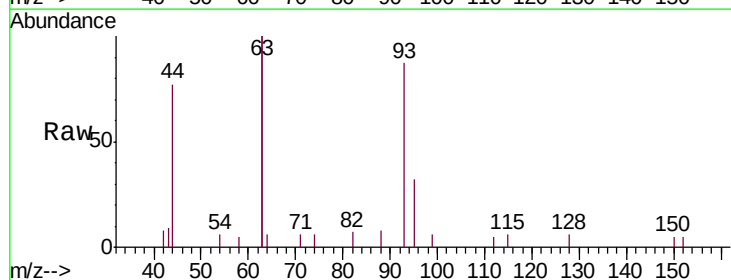
Tgt Ion: 93 Resp: 1551

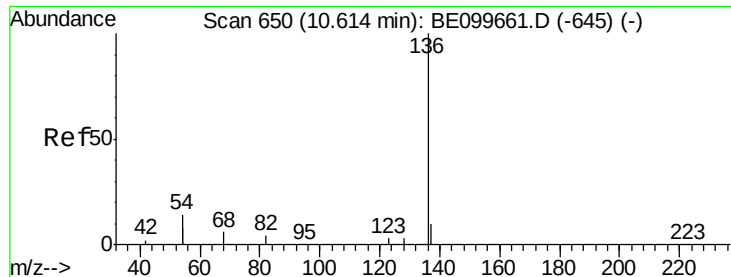
Ion Ratio Lower Upper

93 100

63 260.3 207.8 311.6

95 32.2 25.9 38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. 0.00 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion:136 Resp: 4978

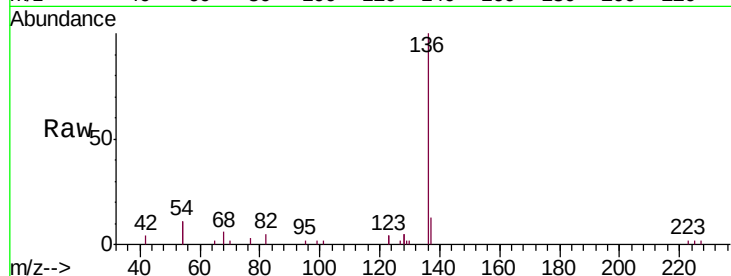
Ion Ratio Lower Upper

136 100

137 12.7 9.0 13.6

54 22.1 22.3 33.5#

68 6.1 6.0 9.0

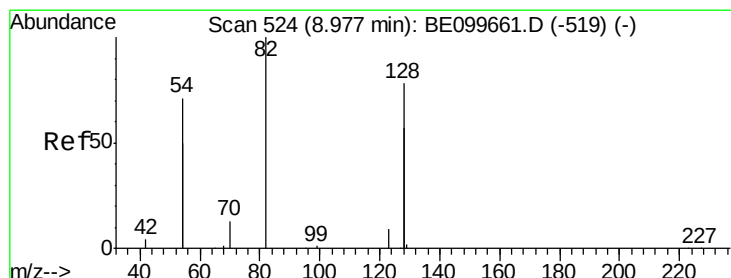
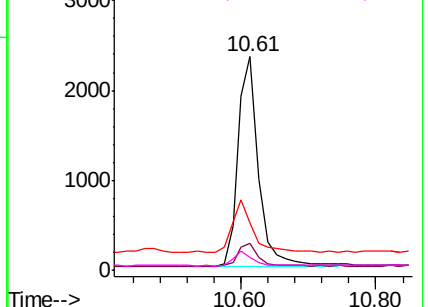
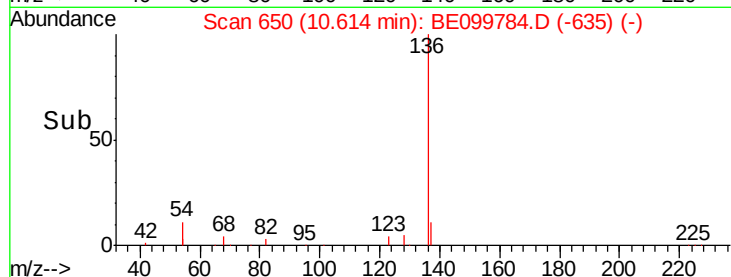


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.388 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

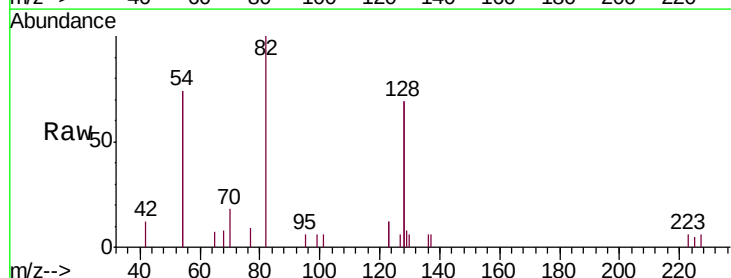
Tgt Ion: 82 Resp: 1673

Ion Ratio Lower Upper

82 100

128 137.5 117.7 176.5

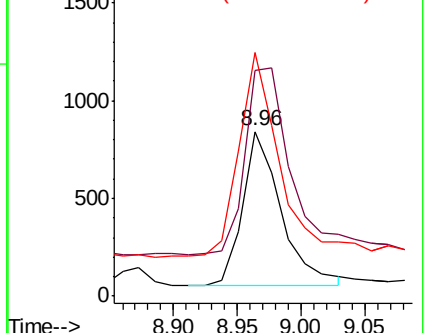
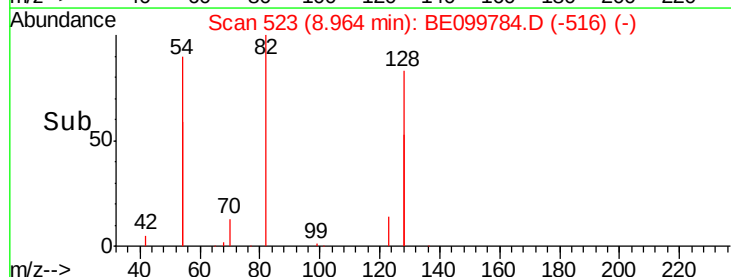
54 148.0 106.6 160.0

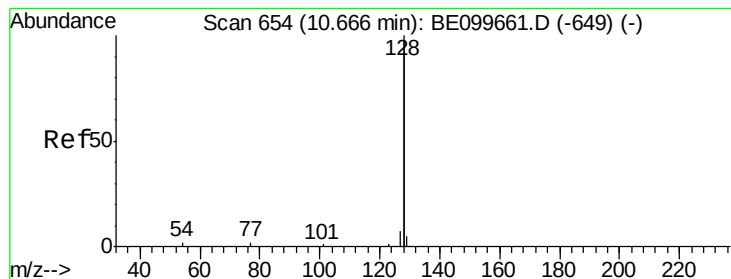


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.405 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

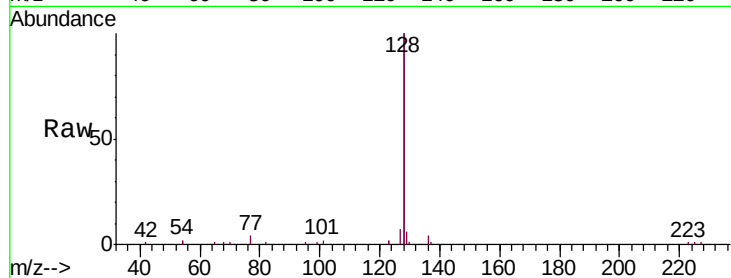
Tgt Ion:128 Resp: 21551

Ion Ratio Lower Upper

128 100

129 3.2 2.4 3.6

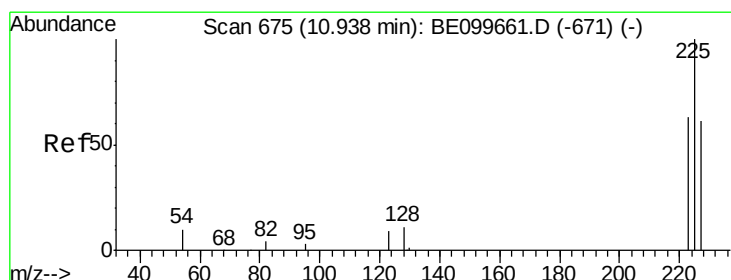
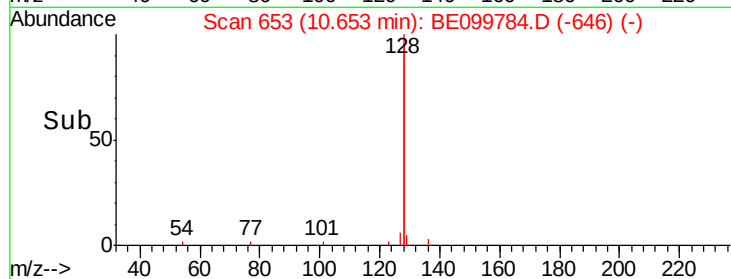
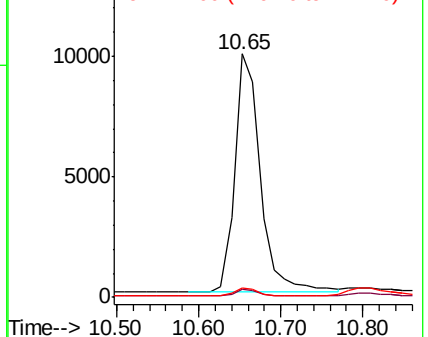
127 3.7 2.9 4.3



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: 0.403 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

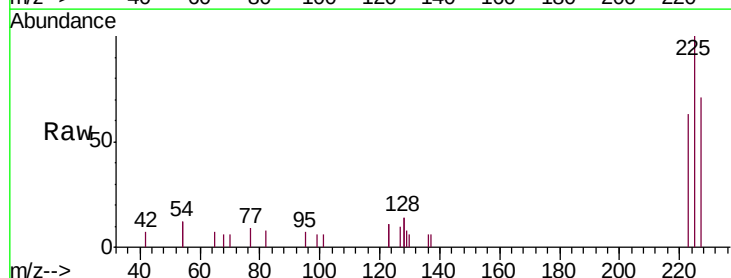
Tgt Ion:225 Resp: 1581

Ion Ratio Lower Upper

225 100

223 63.3 51.8 77.6

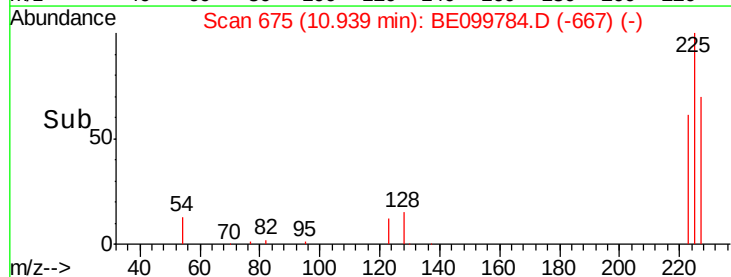
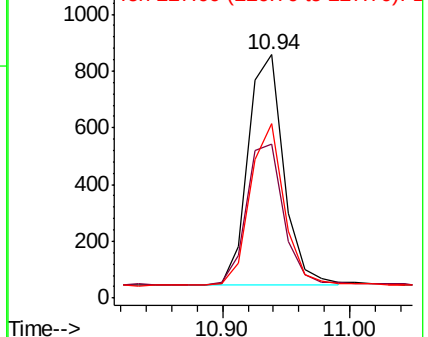
227 65.7 52.6 79.0

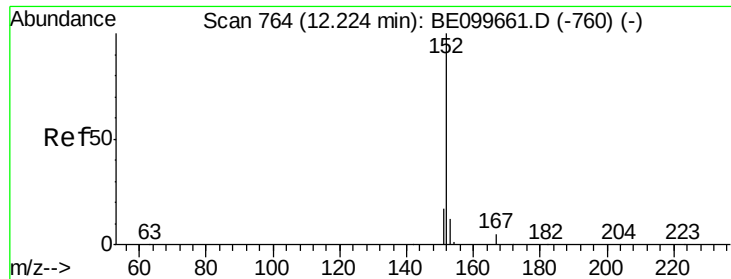


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

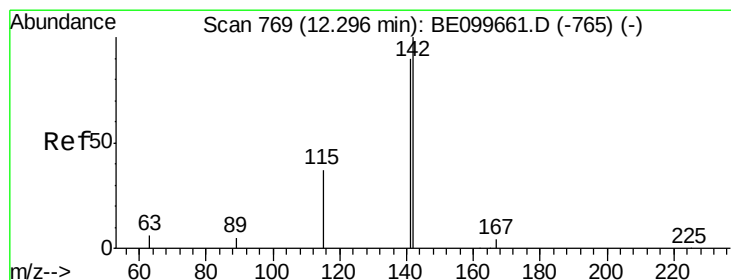
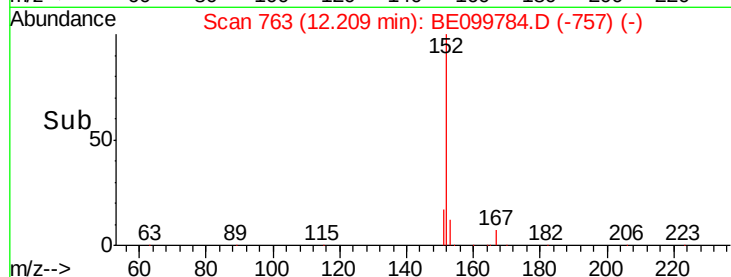
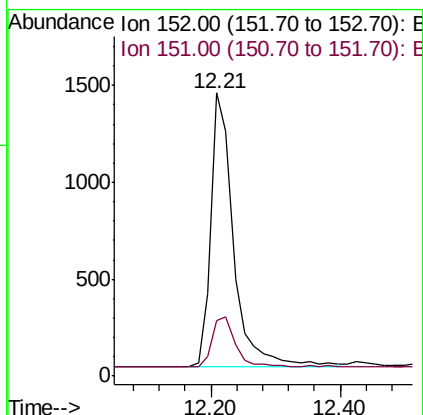
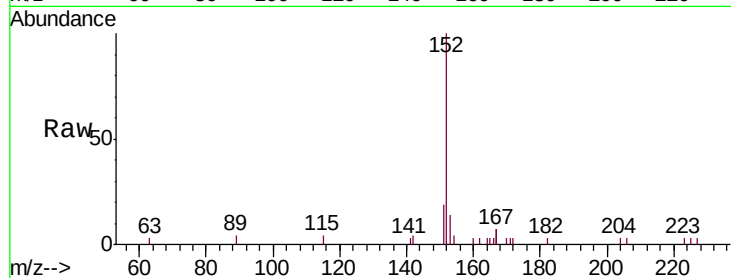




#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

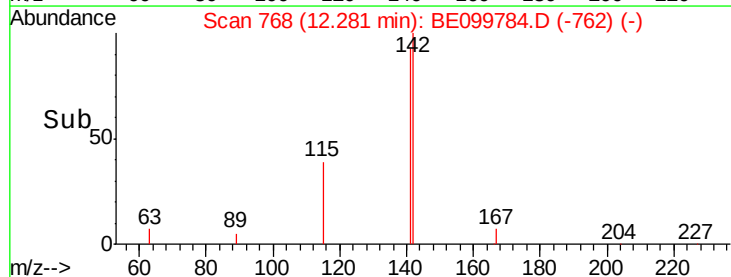
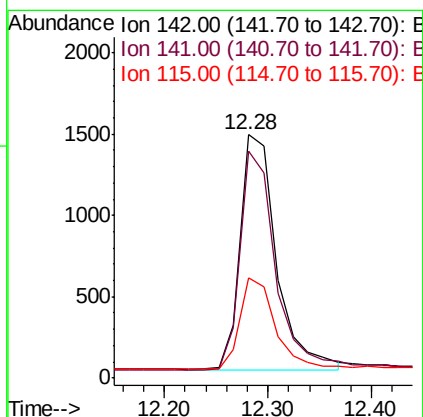
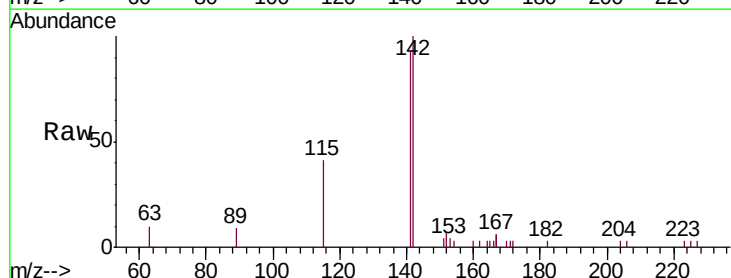
Instrument :
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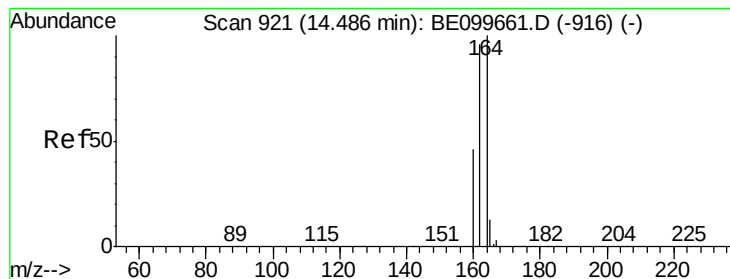
Tgt Ion:152 Resp: 3493
Ion Ratio Lower Upper
152 100
151 18.5 15.0 22.4



#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:142 Resp: 3532
Ion Ratio Lower Upper
142 100
141 93.4 72.0 108.0
115 41.2 31.0 46.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

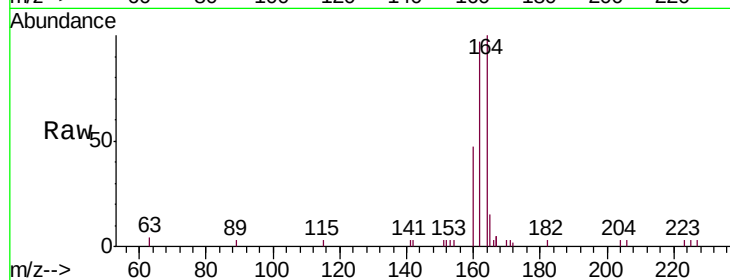
Tgt Ion:164 Resp: 3630

Ion Ratio Lower Upper

164 100

162 96.8 76.5 114.7

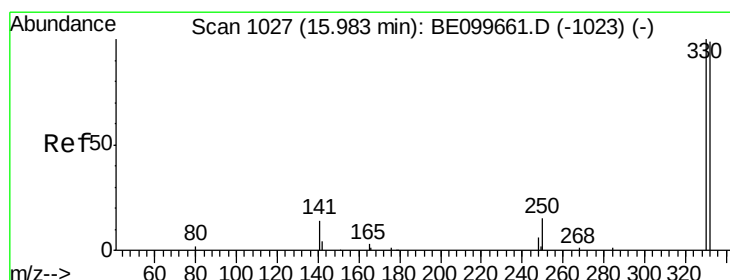
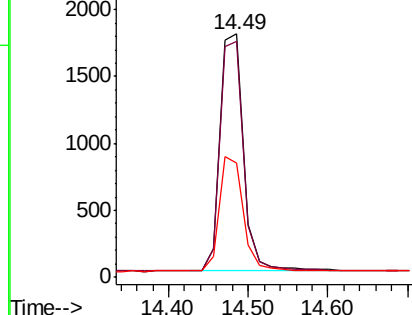
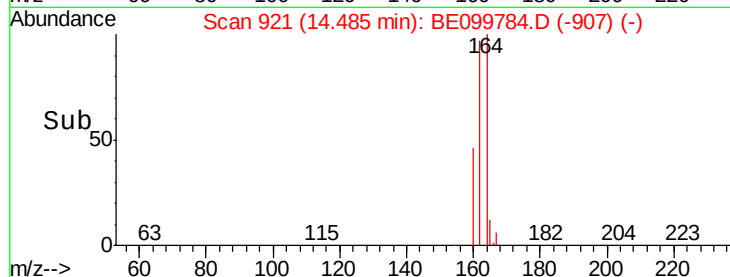
160 46.8 37.4 56.2



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: 0.424 ng

RT: 15.98 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

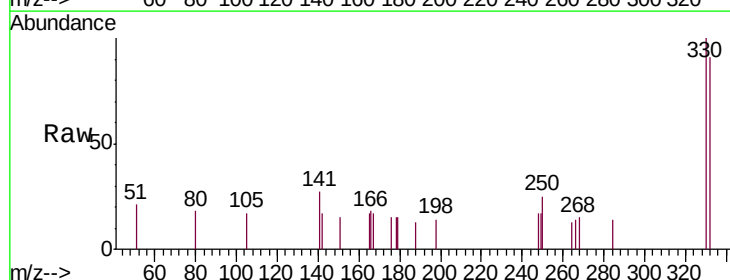
Tgt Ion:330 Resp: 811

Ion Ratio Lower Upper

330 100

332 88.9 77.3 115.9

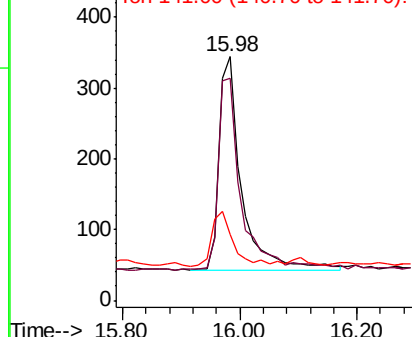
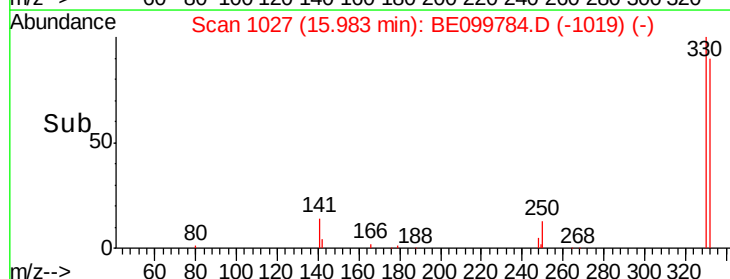
141 25.4 18.9 28.3

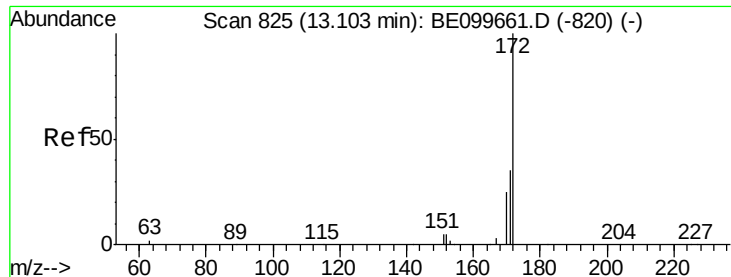


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

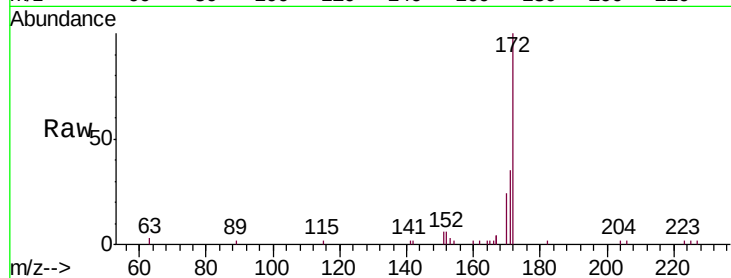




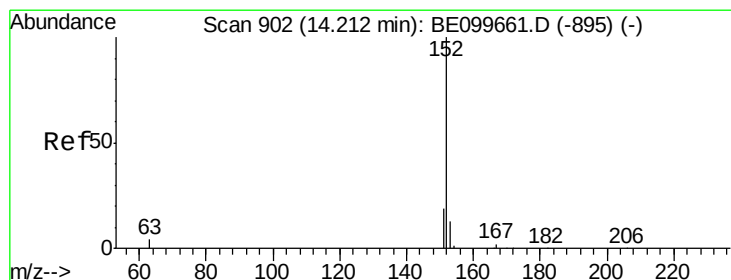
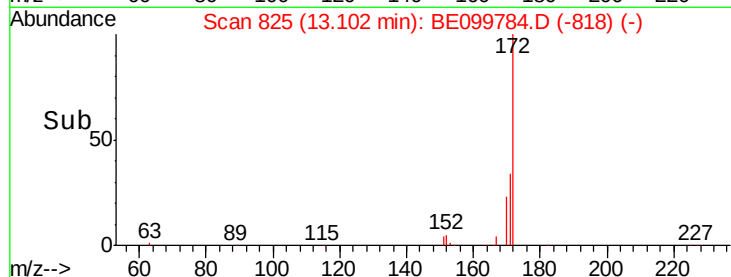
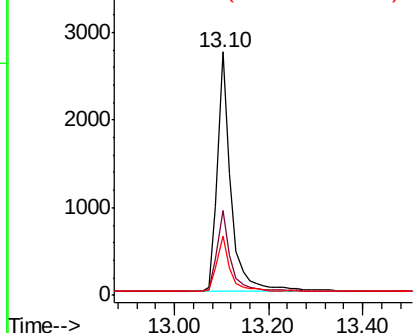
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 5488
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 24.3 20.9 31.3

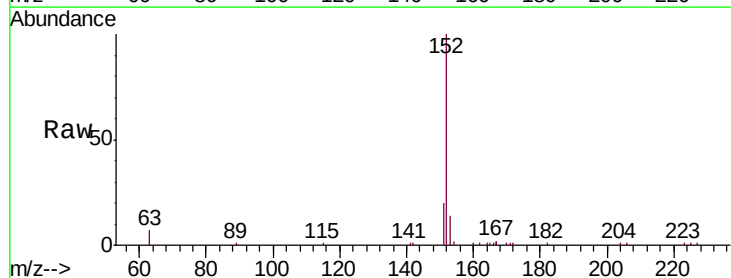


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

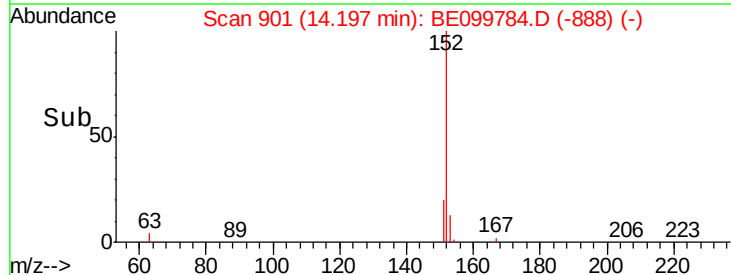
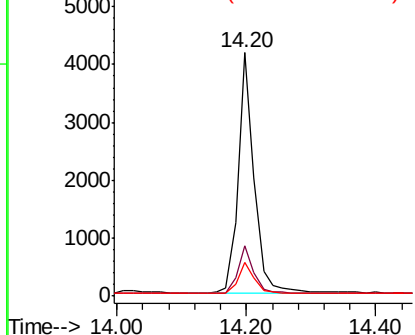


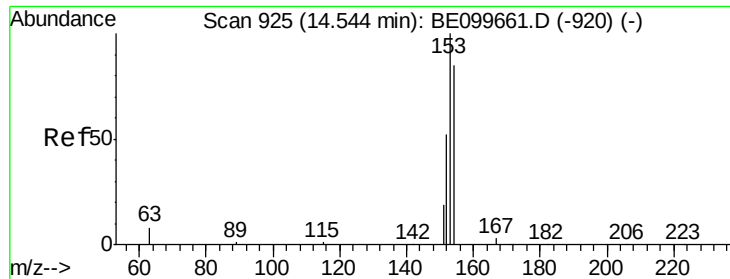
#16
Acenaphthylene
Concen: 0.420 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:152 Resp: 7107
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.6 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: 0.406 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

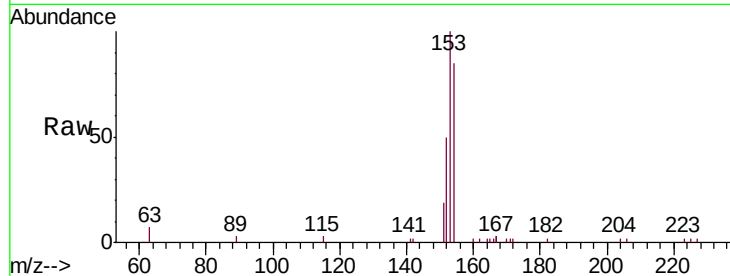
Tgt Ion:154 Resp: 3856

Ion Ratio Lower Upper

154 100

153 119.9 91.8 137.6

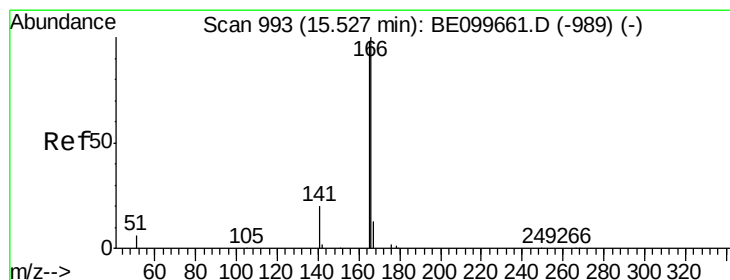
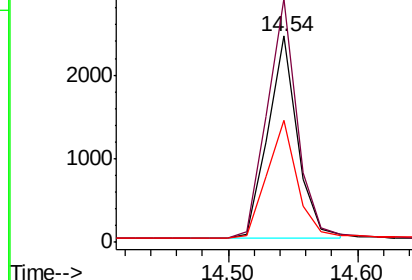
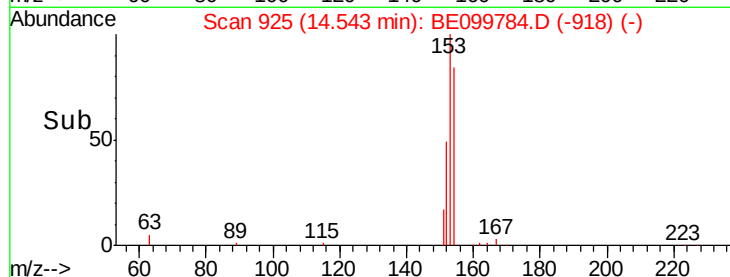
152 59.8 46.0 69.0



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: 0.416 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

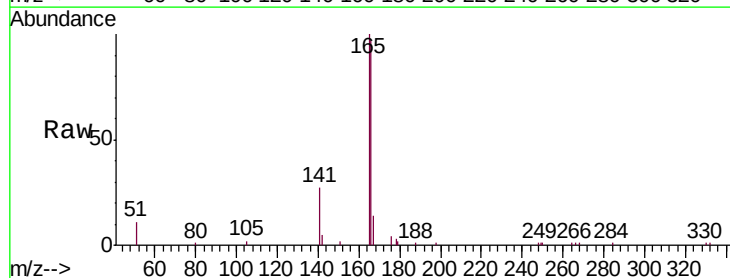
Tgt Ion:166 Resp: 5822

Ion Ratio Lower Upper

166 100

165 100.4 80.3 120.5

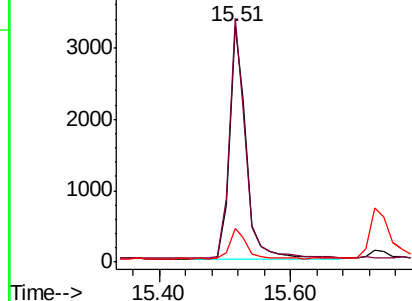
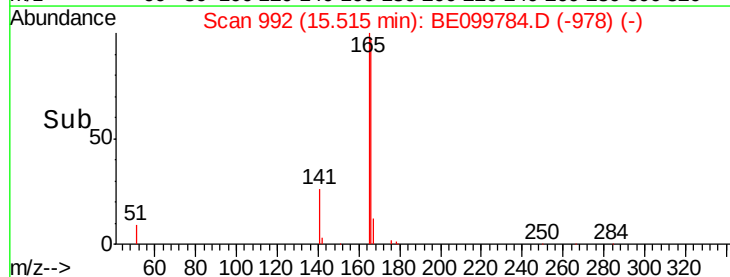
167 13.4 10.6 16.0

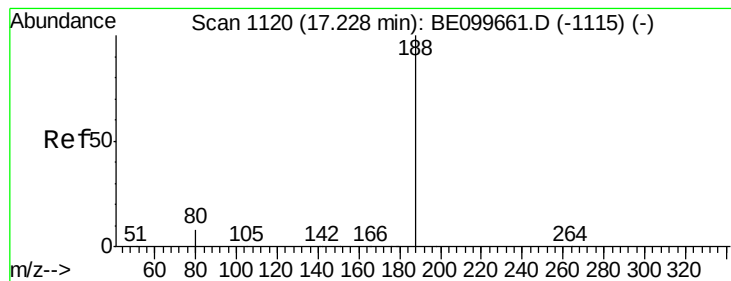


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

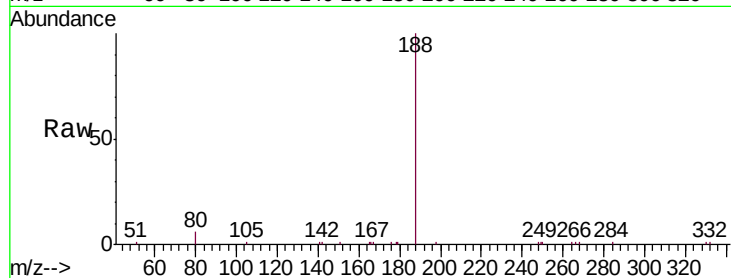
Tgt Ion:188 Resp: 11828

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

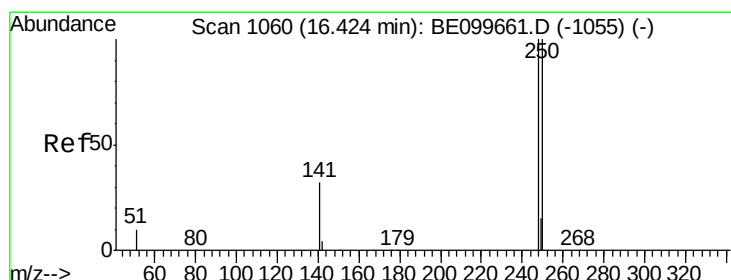
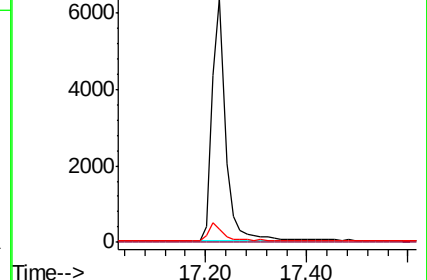
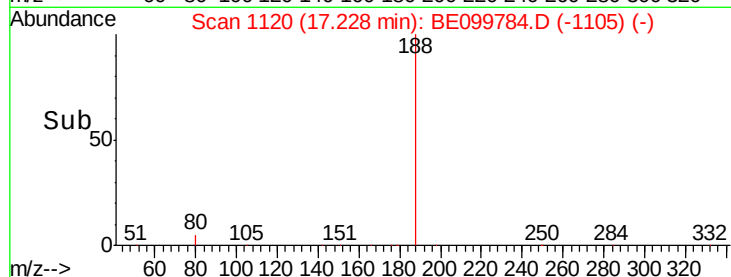
80 5.5 6.7 10.1#



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: 0.389 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

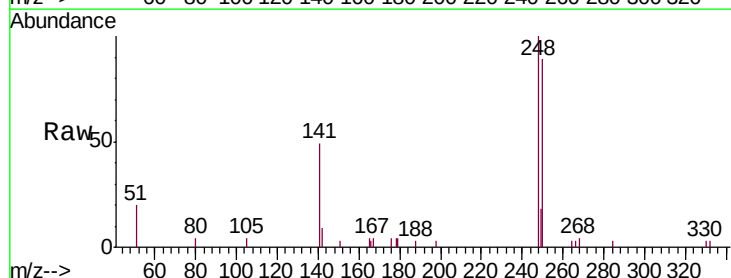
Tgt Ion:248 Resp: 2652

Ion Ratio Lower Upper

248 100

250 89.0 79.8 119.8

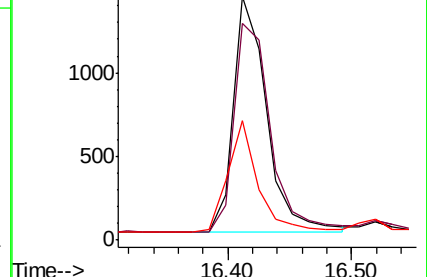
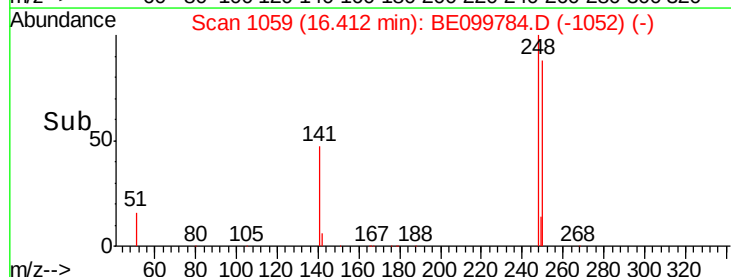
141 48.9 27.0 40.6#

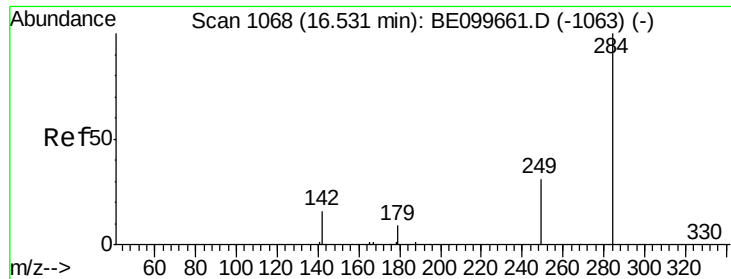


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

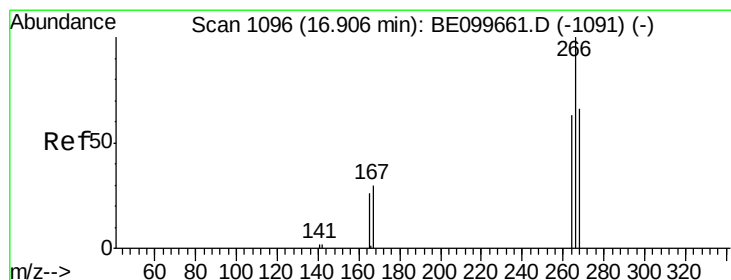
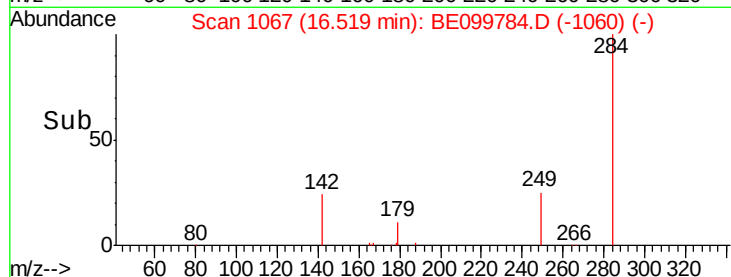
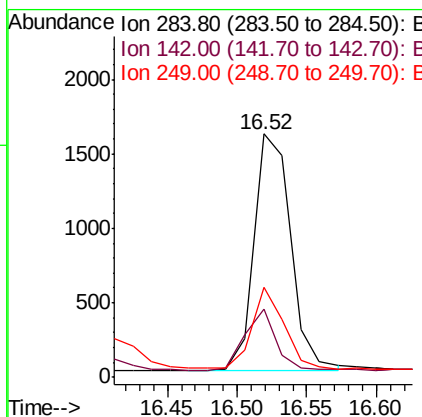
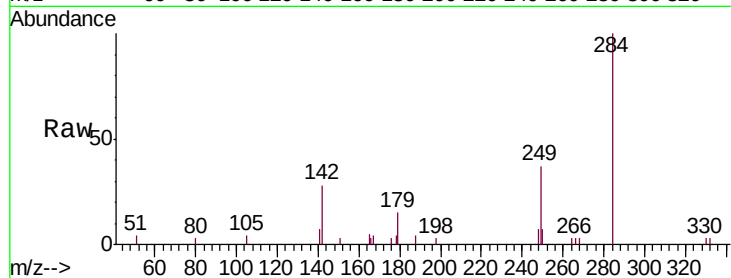




#21
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

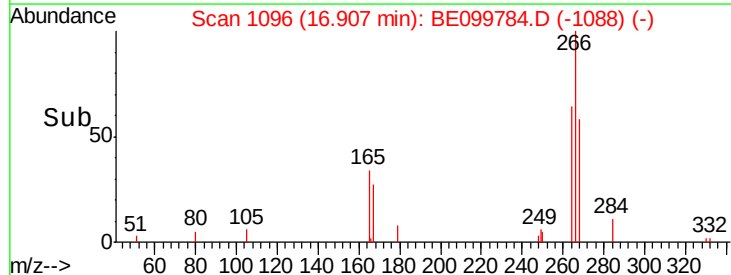
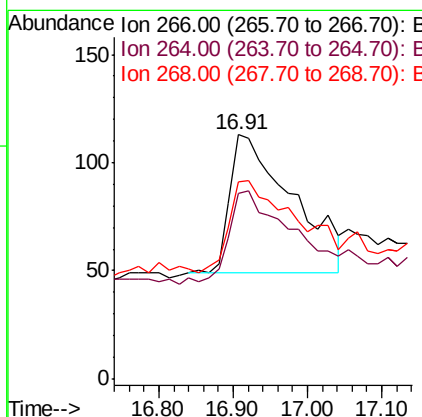
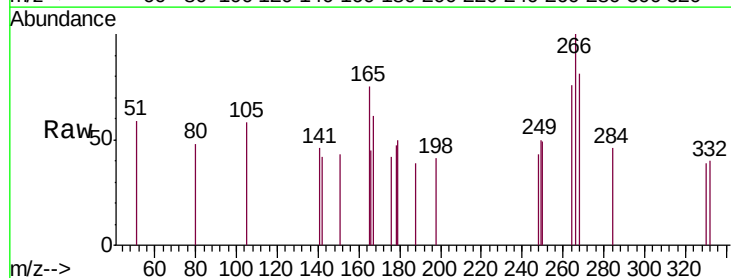
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

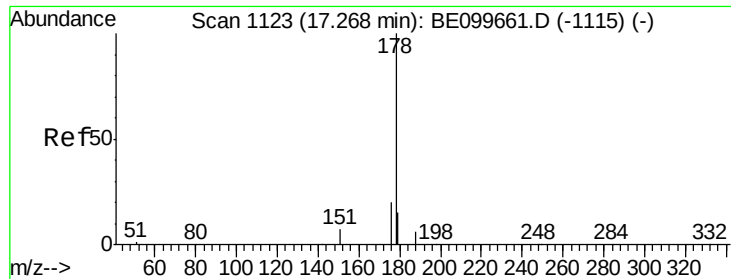
Tgt Ion: 284 Resp: 2905
Ion Ratio Lower Upper
284 100
142 22.1 17.8 26.6
249 29.8 24.8 37.2



#22
Pentachlorophenol
Concen: 0.355 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion: 266 Resp: 372
Ion Ratio Lower Upper
266 100
264 76.1 57.2 85.8
268 80.5 60.5 90.7

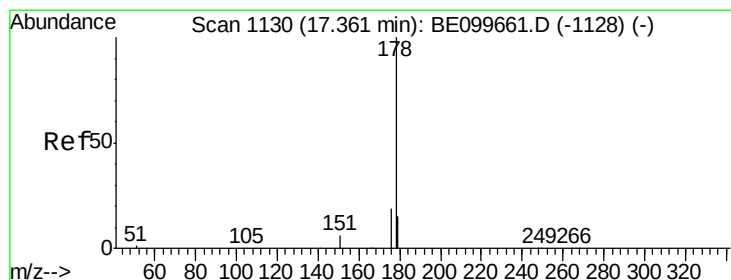
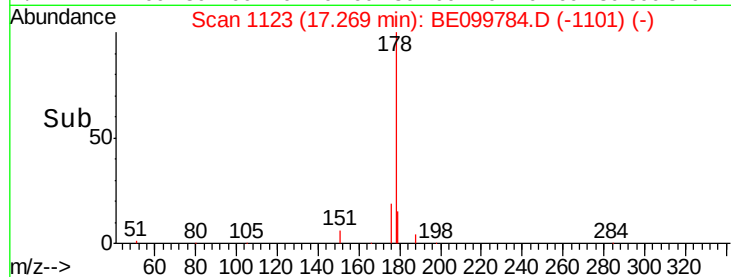
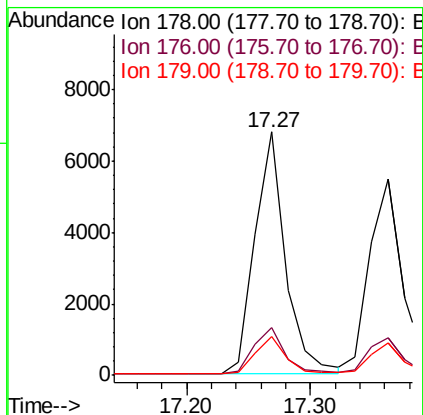
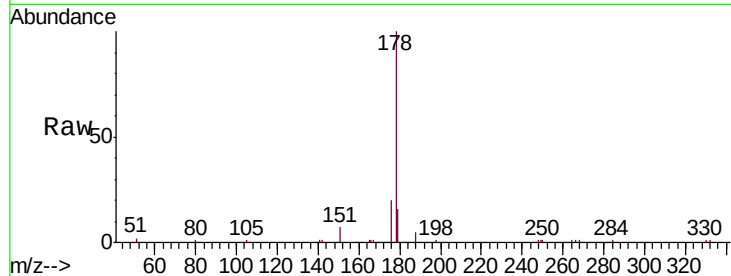




#23
Phenanthrene
Concen: 0.400 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

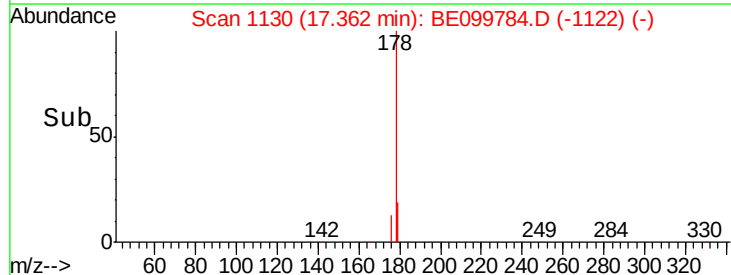
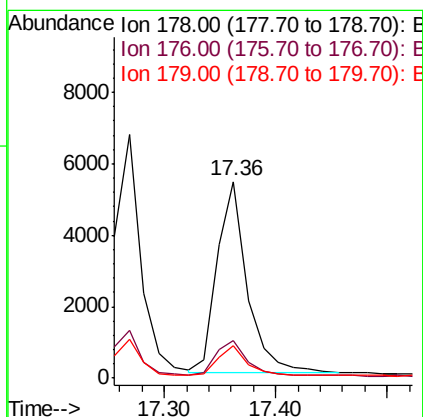
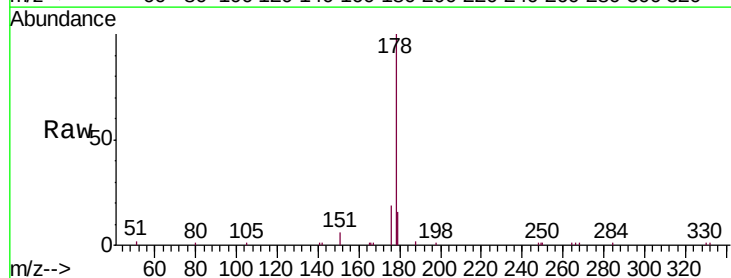
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

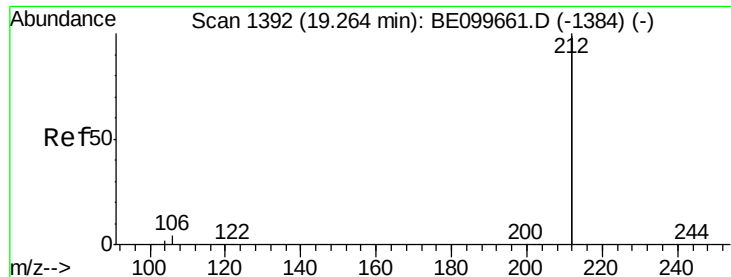
Tgt Ion:178 Resp: 11568
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.1 12.2 18.4



#24
Anthracene
Concen: 0.379 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099784.D
Acq: 3 Jun 2019 13:50

Tgt Ion:178 Resp: 9945
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 15.1 12.0 18.0





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

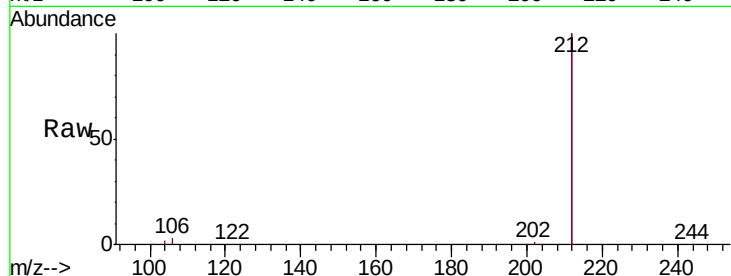
Tgt Ion:212 Resp: 65811

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

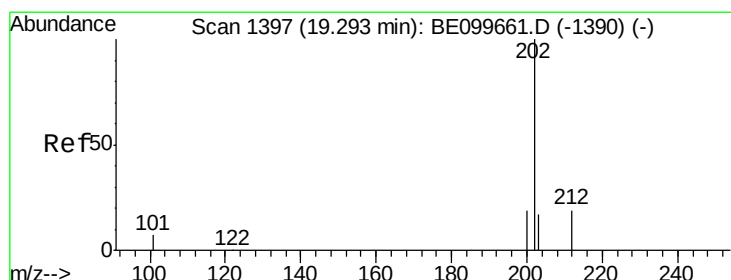
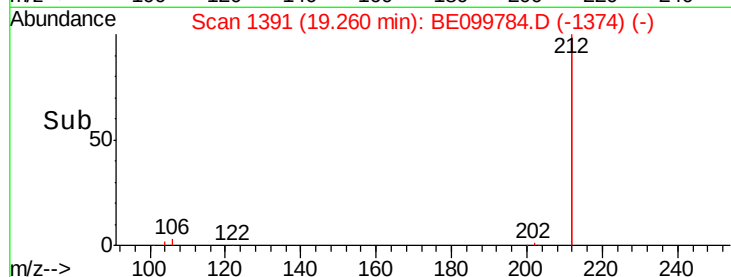
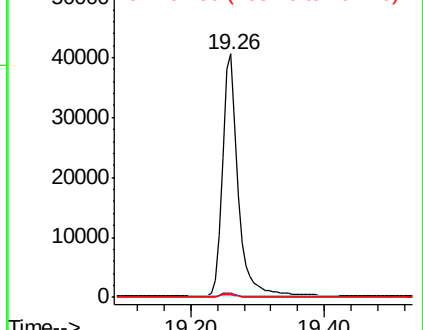
104 1.0 0.8 1.2



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: 0.407 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

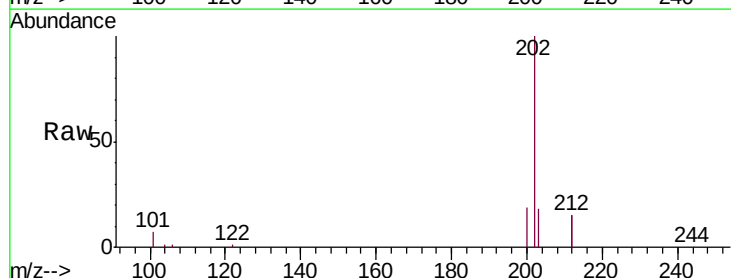
Tgt Ion:202 Resp: 18615

Ion Ratio Lower Upper

202 100

101 6.7 5.2 7.8

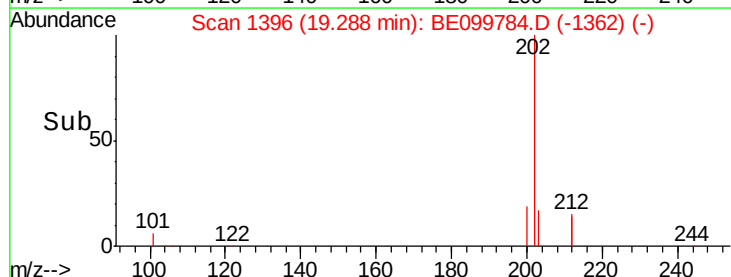
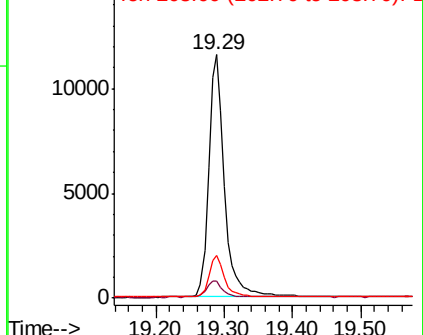
203 16.8 13.8 20.6

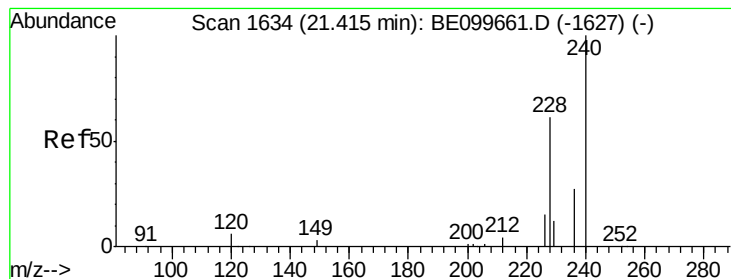


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

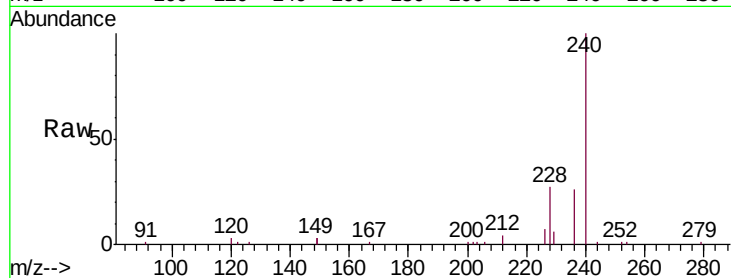
Tgt Ion:240 Resp: 18194

Ion Ratio Lower Upper

240 100

120 3.3 5.4 8.0#

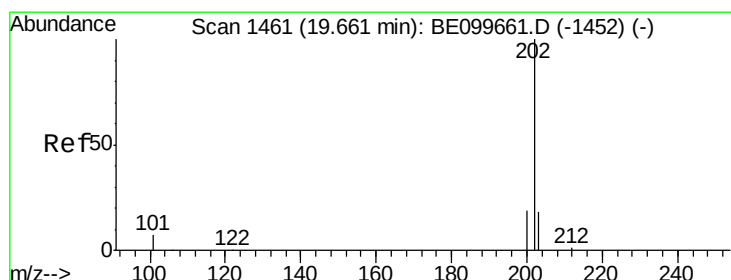
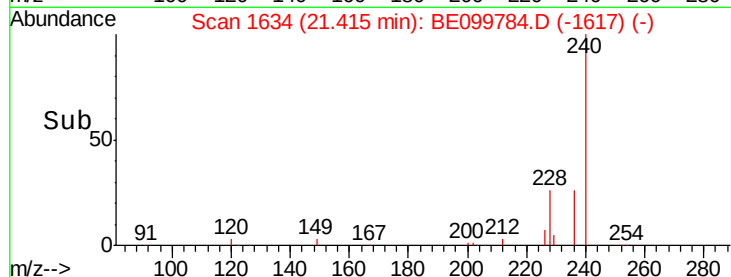
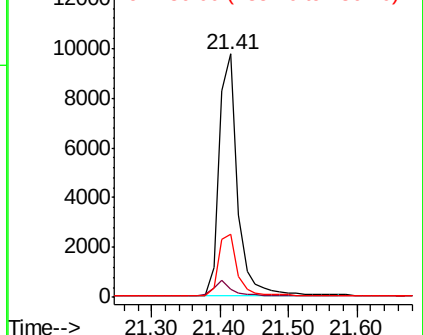
236 26.1 21.7 32.5



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: 0.420 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

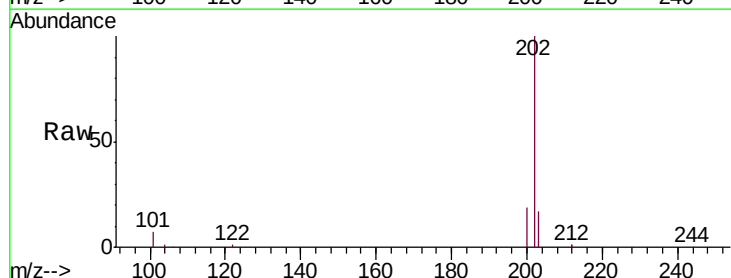
Tgt Ion:202 Resp: 19208

Ion Ratio Lower Upper

202 100

200 19.1 15.4 23.2

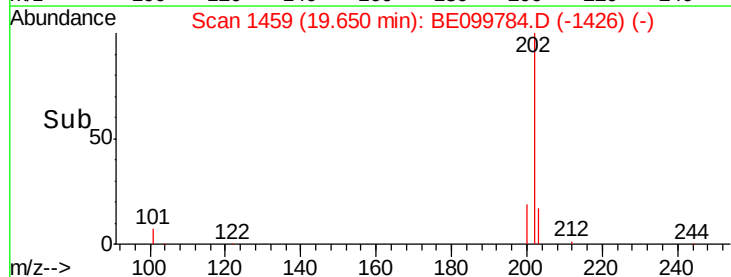
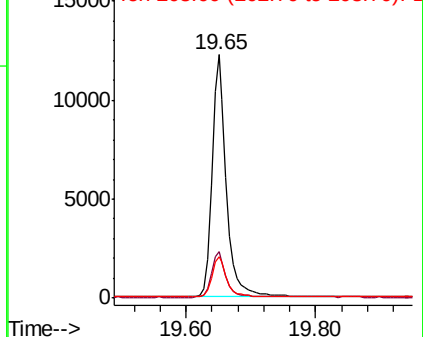
203 17.5 13.8 20.8

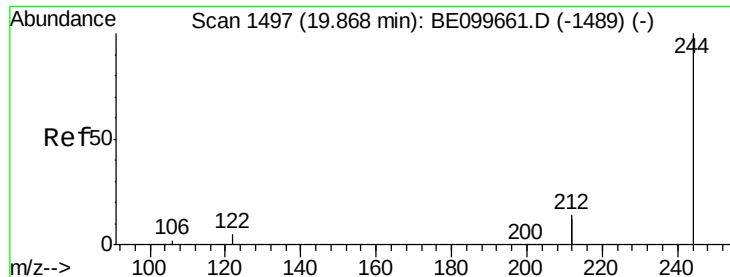


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

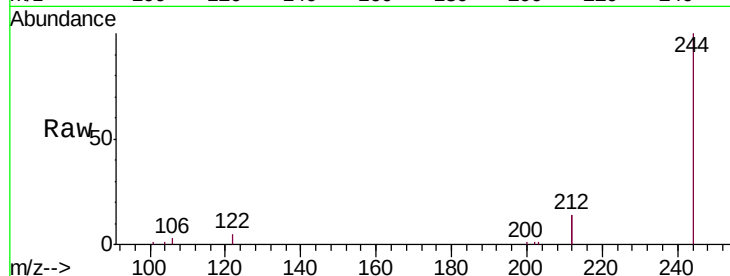
Tgt Ion:244 Resp: 13112

Ion Ratio Lower Upper

244 100

212 27.4 22.5 33.7

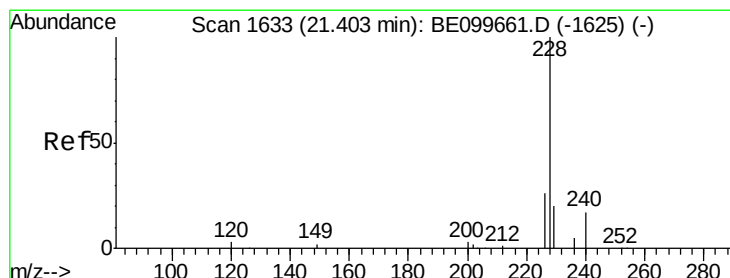
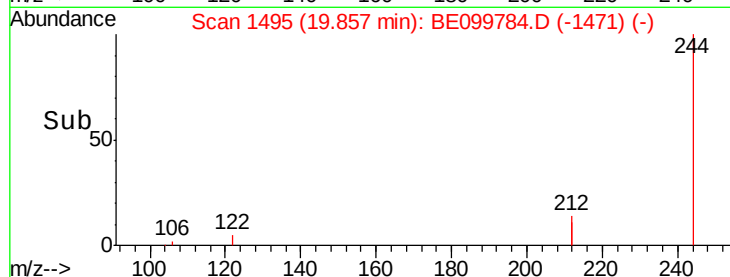
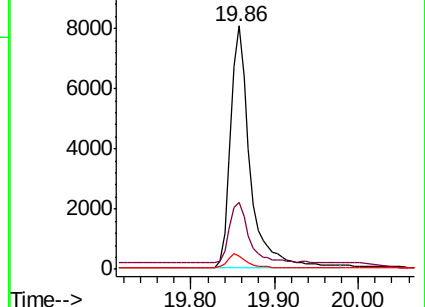
122 5.5 4.3 6.5



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: 0.418 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

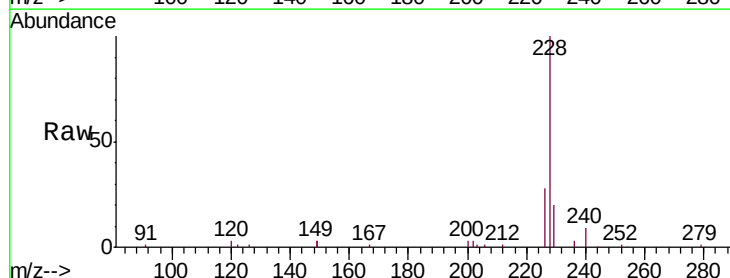
Tgt Ion:228 Resp: 21622

Ion Ratio Lower Upper

228 100

226 27.8 21.3 31.9

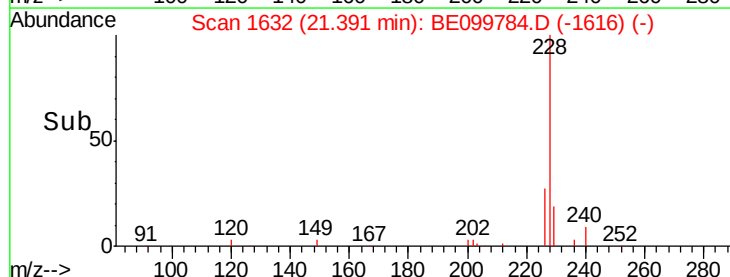
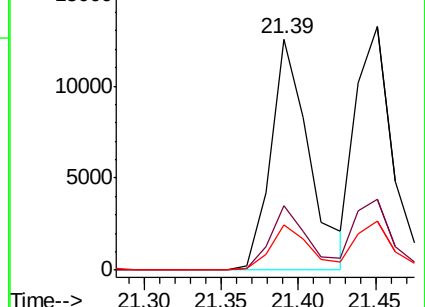
229 19.6 16.1 24.1

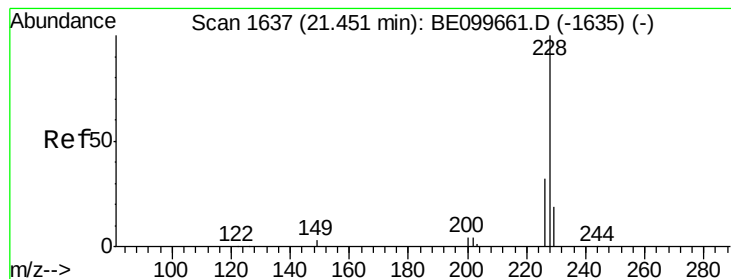


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.391 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

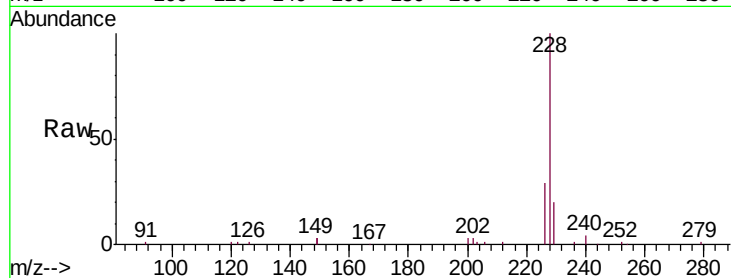
Tgt Ion:228 Resp: 21637

Ion Ratio Lower Upper

228 100

226 29.0 24.7 37.1

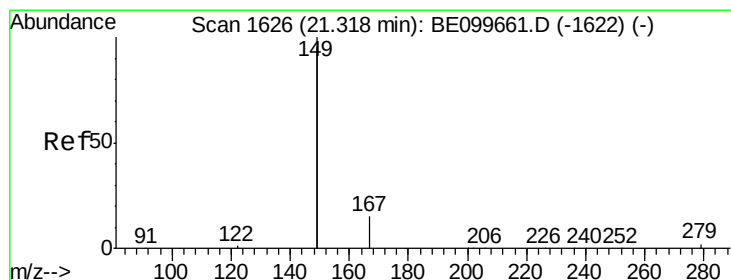
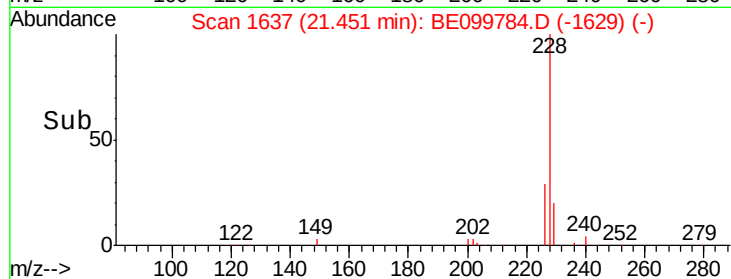
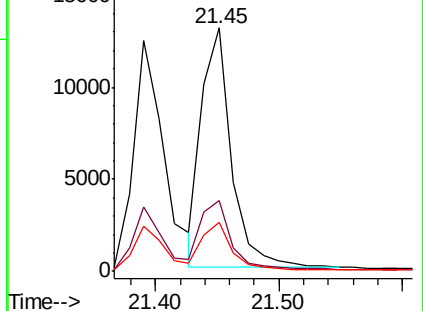
229 19.9 15.8 23.6



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: 0.356 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

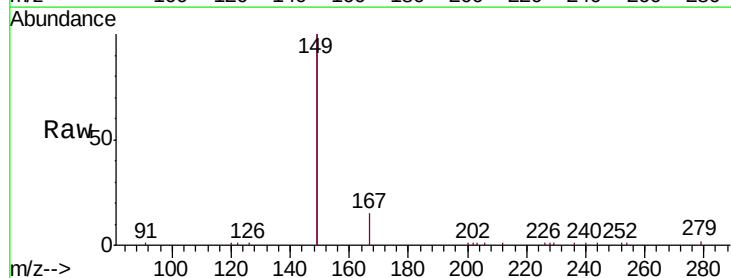
Tgt Ion:149 Resp: 21224

Ion Ratio Lower Upper

149 100

167 7.8 6.2 9.4

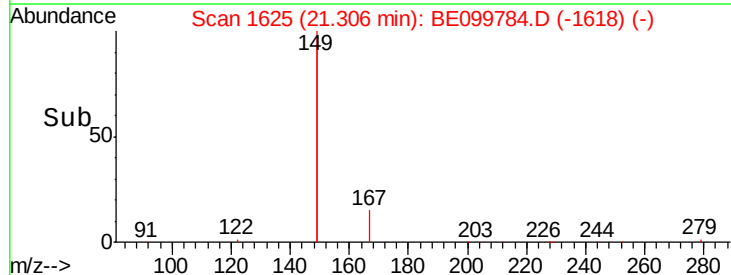
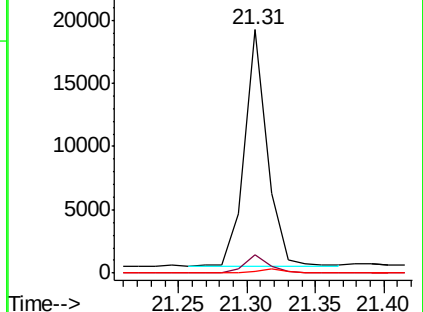
279 1.5 1.2 1.8

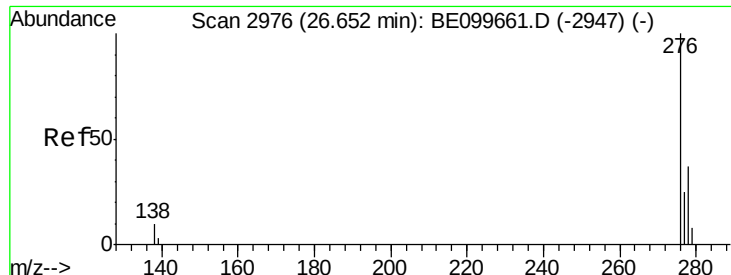


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.404 ng

RT: 26.63 min Scan# 2970

Delta R.T. -0.02 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

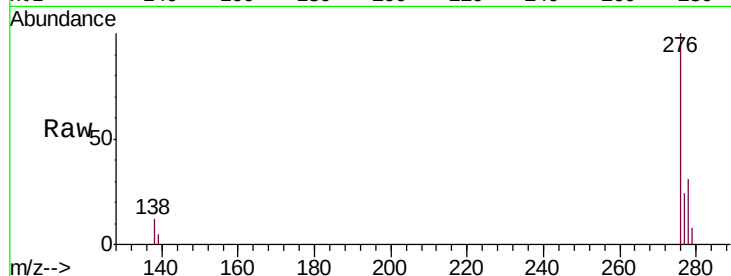
Tgt Ion:276 Resp: 26949

Ion Ratio Lower Upper

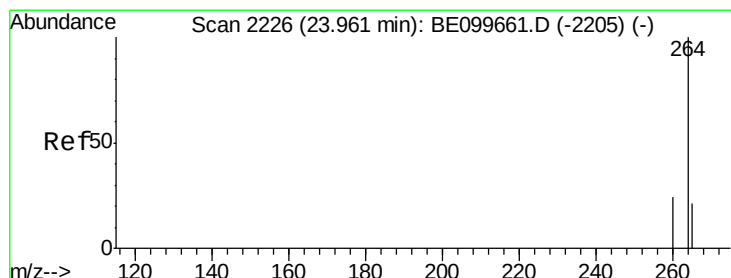
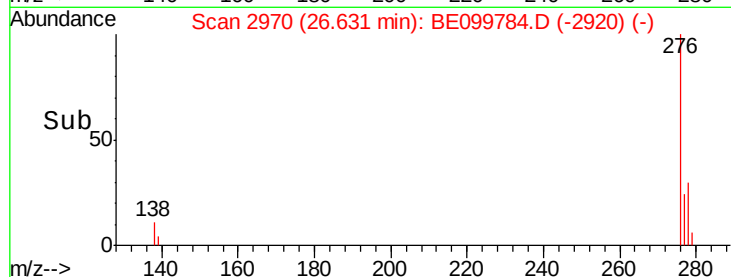
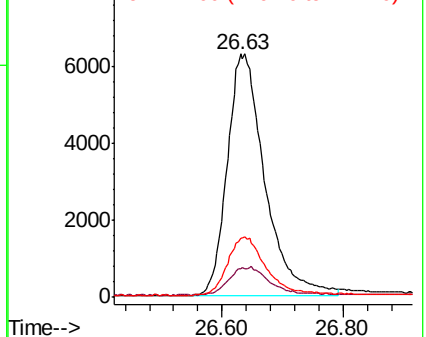
276 100

138 12.8 9.6 14.4

277 24.7 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# 2221

Delta R.T. -0.02 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

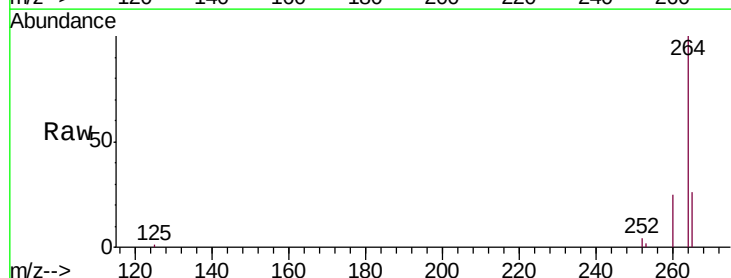
Tgt Ion:264 Resp: 19959

Ion Ratio Lower Upper

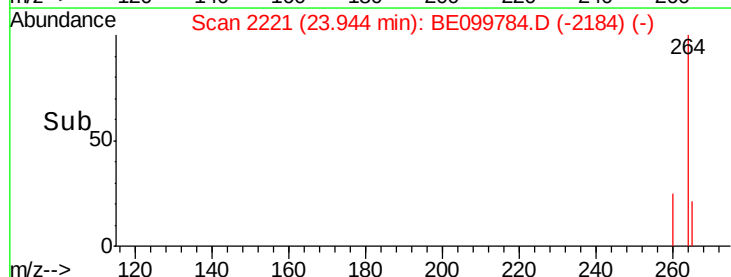
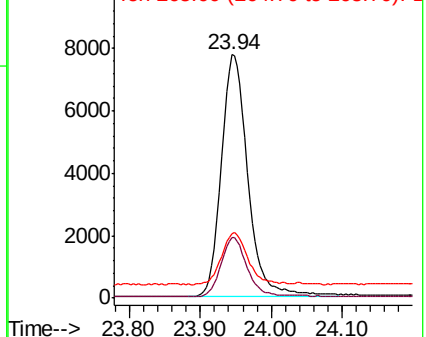
264 100

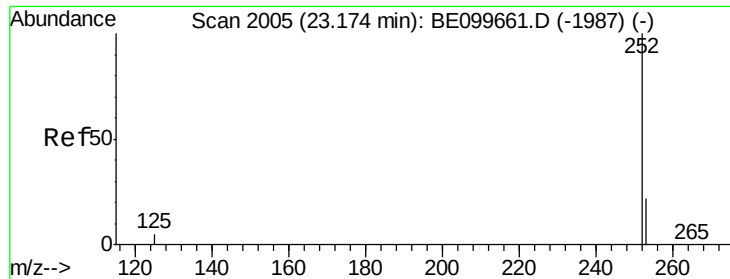
260 25.1 19.6 29.4

265 26.4 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: 0.415 ng

RT: 23.21 min Scan# 2016

Delta R.T. 0.04 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

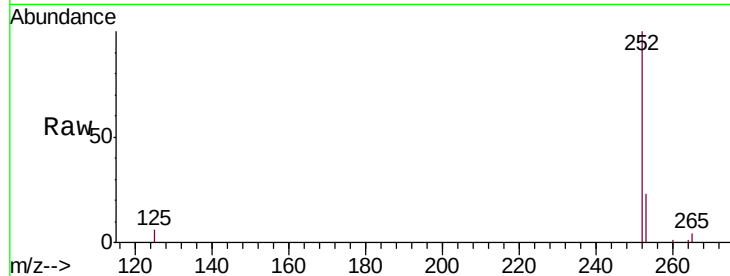
Tgt Ion:252 Resp: 22716

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

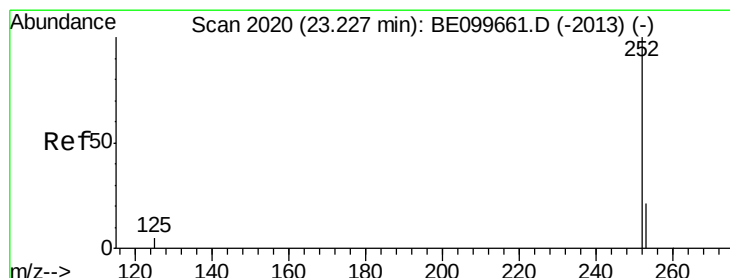
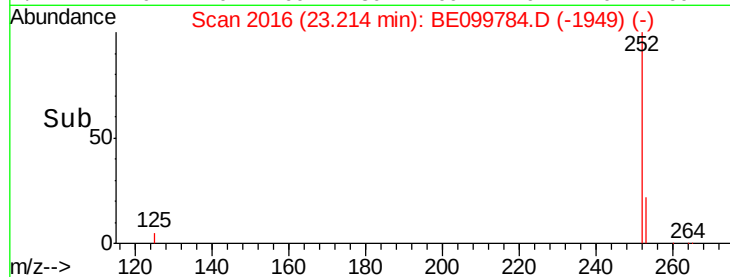
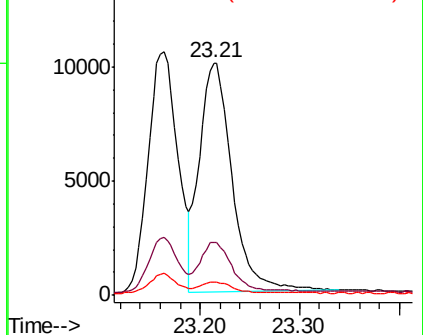
125 5.5 4.5 6.7



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: 0.402 ng

RT: 23.21 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

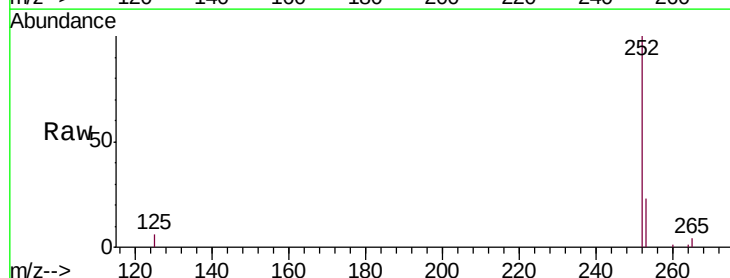
Tgt Ion:252 Resp: 22938

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

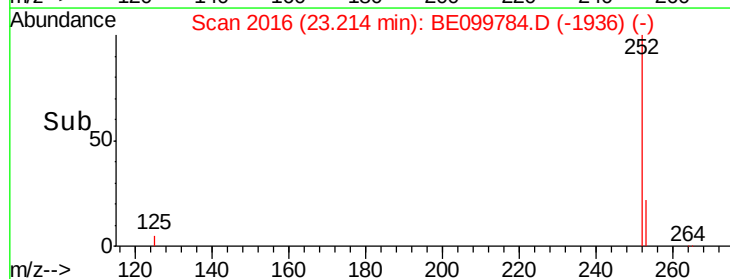
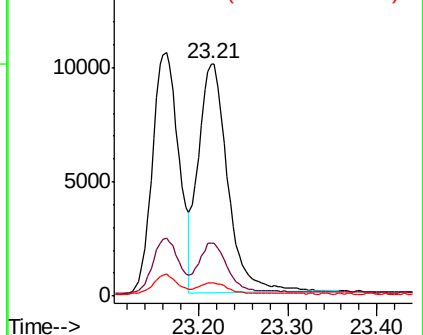
125 5.5 4.6 6.8

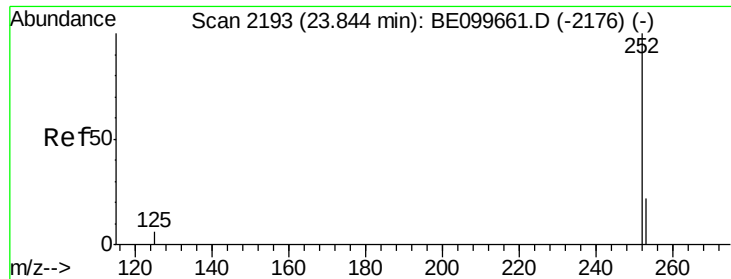


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.83 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

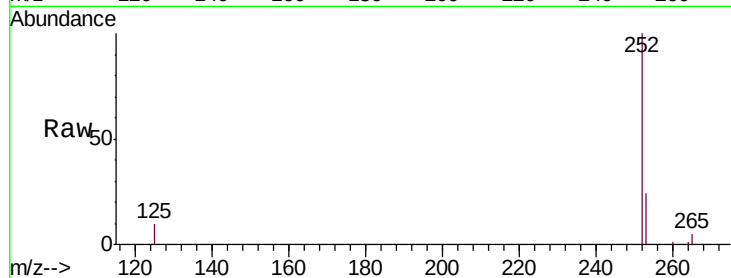
Tgt Ion:252 Resp: 21475

Ion Ratio Lower Upper

252 100

253 23.6 18.9 28.3

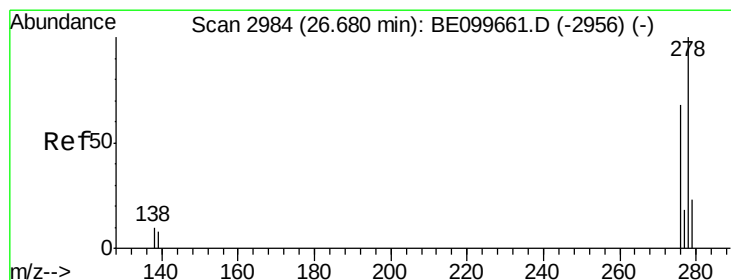
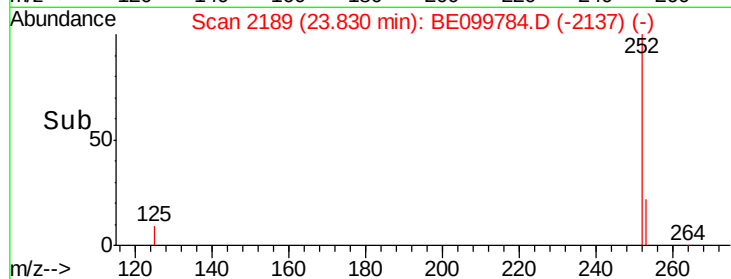
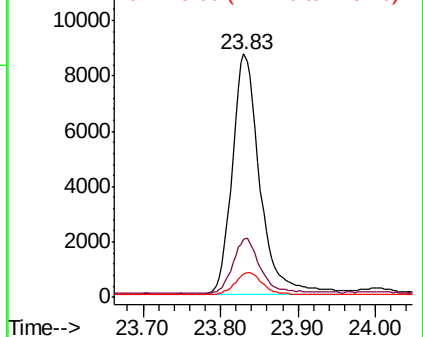
125 9.5 5.4 8.0#



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: 0.397 ng

RT: 26.66 min Scan# 2979

Delta R.T. -0.02 min

Lab File: BE099784.D

Acq: 3 Jun 2019 13:50

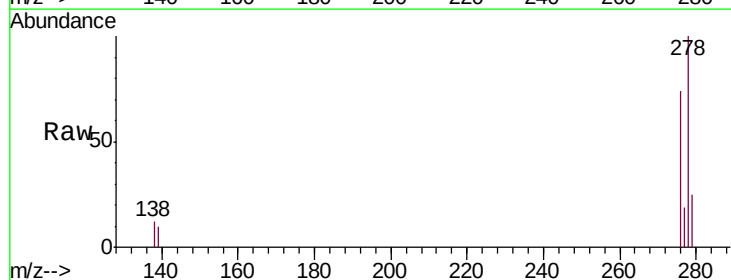
Tgt Ion:278 Resp: 21933

Ion Ratio Lower Upper

278 100

139 9.8 6.9 10.3

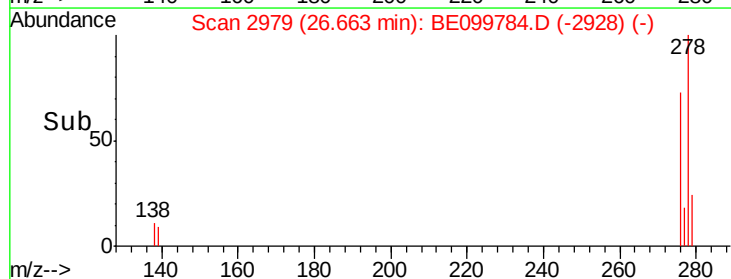
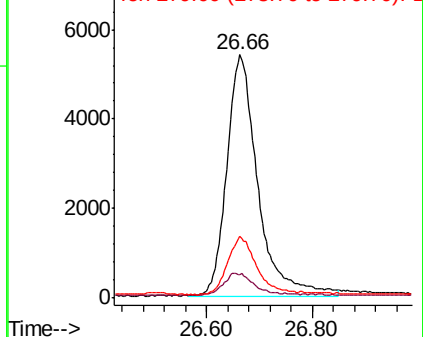
279 25.4 19.2 28.8

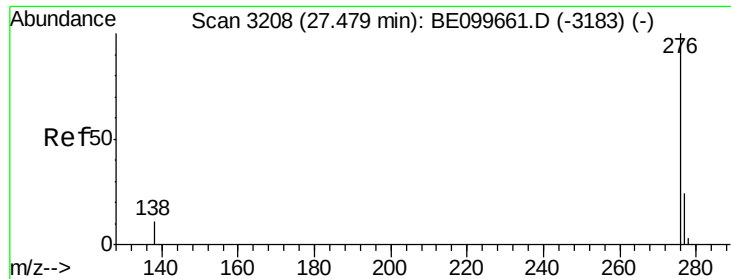


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.405 ng

RT: 27.47 min Scan# 3204

Delta R.T. -0.01 min

Lab File: BE099784.D

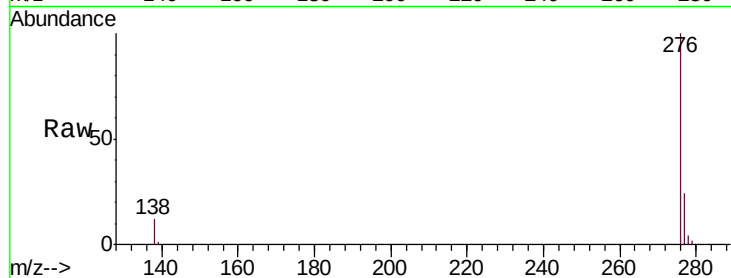
Acq: 3 Jun 2019 13:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 22606

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.6

138 11.5 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

