

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE041819\
 Data File : BE099344.D
 Acq On : 18 Apr 2019 19:21
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 19 07:03:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 06:51:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3152	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	12498	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	8915	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	26728	0.40	ng	0.00
27) Chrysene-d12	21.37	240	31557	0.40	ng	0.00
34) Perylene-d12	23.86	264	30647	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3922	0.51	ng	0.00
5) Phenol-d6	6.97	99	5555	0.51	ng	0.00
8) Nitrobenzene-d5	8.97	82	4631	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	10148	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1663	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	16086	0.46	ng	0.00
25) Fluoranthene-d10	19.22	212	145915	0.45	ng	0.00
29) Terphenyl-d14	19.81	244	29480	0.47	ng	0.00

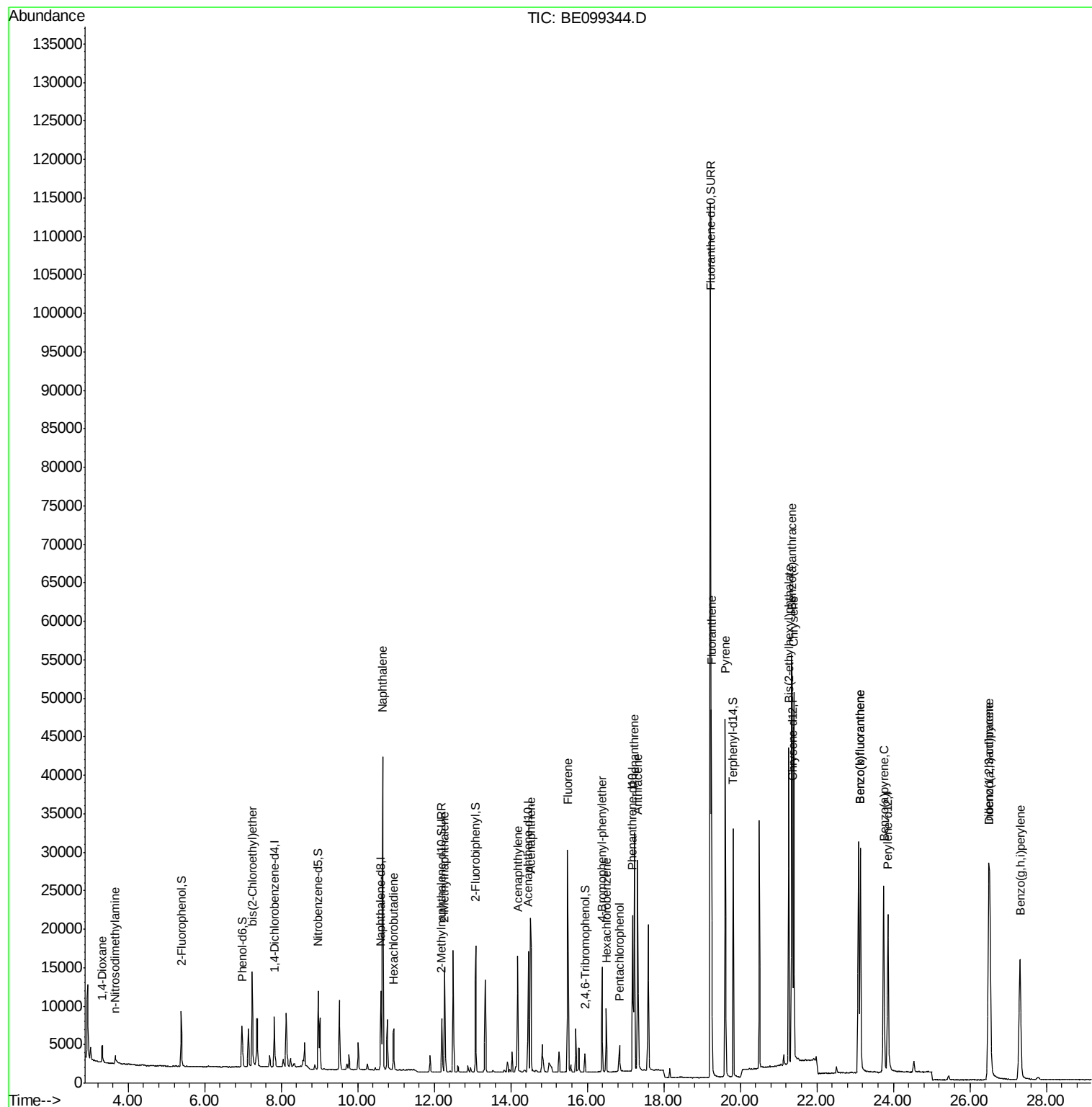
Target Compounds					Qvalue
2) 1,4-Dioxane	3.32	88	2041	0.463 ng	97
3) n-Nitrosodimethylamine	3.65	42	1041	0.438 ng	91
6) bis(2-Chloroethyl)ether	7.24	93	4869	0.475 ng	97
9) Naphthalene	10.65	128	63521	0.466 ng	100
10) Hexachlorobutadiene	10.94	225	4091	0.473 ng	98
12) 2-Methylnaphthalene	12.27	142	10737	0.463 ng	94
16) Acenaphthylene	14.18	152	18396	0.457 ng	100
17) Acenaphthene	14.51	154	11395	0.459 ng	98
18) Fluorene	15.49	166	16414	0.460 ng	100
20) 4-Bromophenyl-phenylether	16.38	248	6602	0.446 ng	97
21) Hexachlorobenzene	16.49	284	6497	0.456 ng	100
22) Pentachlorophenol	16.84	266	1920	0.554 ng	98
23) Phenanthrene	17.23	178	31757	0.449 ng	99
24) Anthracene	17.32	178	28141	0.447 ng	99
26) Fluoranthene	19.25	202	43050	0.454 ng	99
28) Pyrene	19.61	202	44099	0.474 ng	100
30) Benzo(a)anthracene	21.34	228	44303	0.478 ng	99
31) Chrysene	21.40	228	47209	0.478 ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	48452	0.574 ng	100
33) Indeno(1,2,3-cd)pyrene	26.49	276	48602	0.499 ng	100
35) Benzo(b)fluoranthene	23.14	252	42551	0.454 ng	99
36) Benzo(k)fluoranthene	23.14	252	42551	0.455 ng	98
37) Benzo(a)pyrene	23.75	252	39772	0.473 ng	# 96
38) Dibenzo(a,h)anthracene	26.52	278	40237	0.469 ng	98
39) Benzo(g,h,i)perylene	27.31	276	40120	0.461 ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

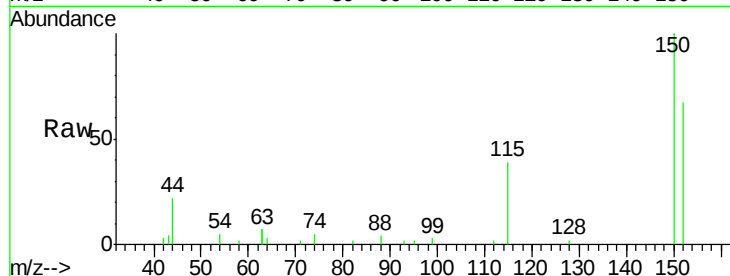
Tgt Ion:152 Resp: 3152

Ion Ratio Lower Upper

152 100

150 149.1 119.5 179.3

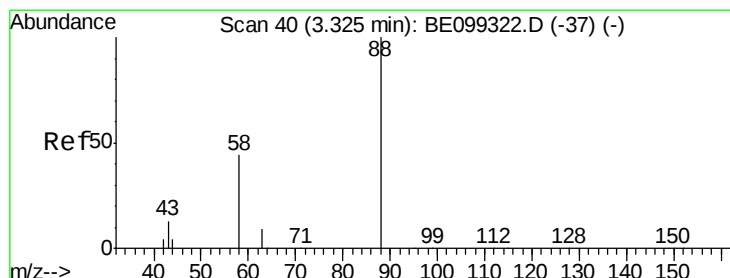
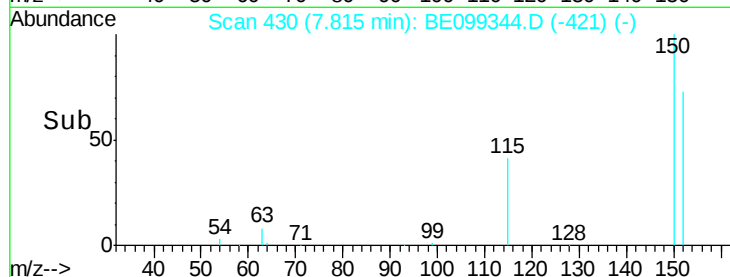
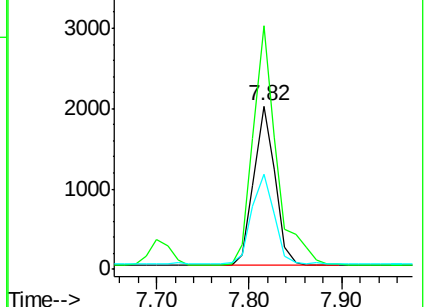
115 58.3 47.5 71.3



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: 0.463 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

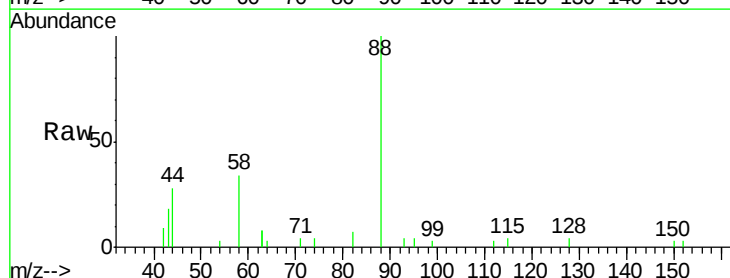
Tgt Ion: 88 Resp: 2041

Ion Ratio Lower Upper

88 100

58 60.7 49.1 73.7

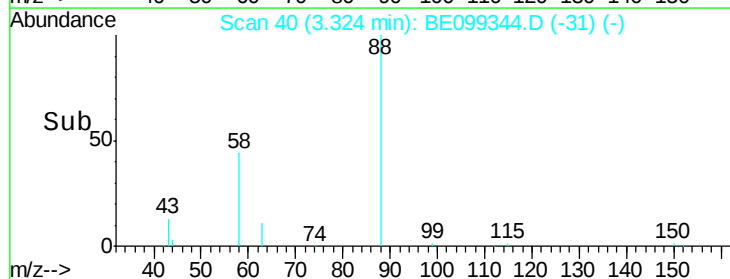
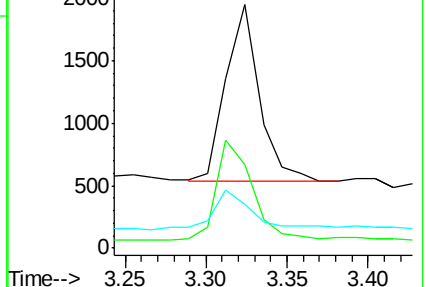
43 26.1 17.9 26.9

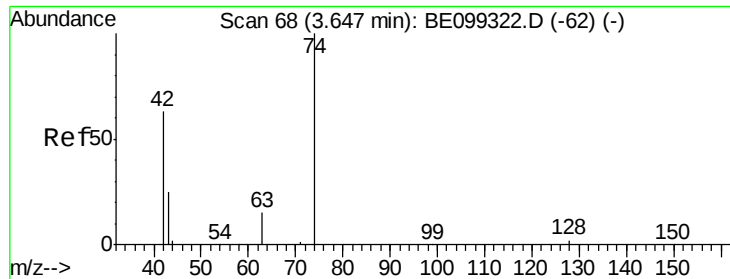


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.438 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

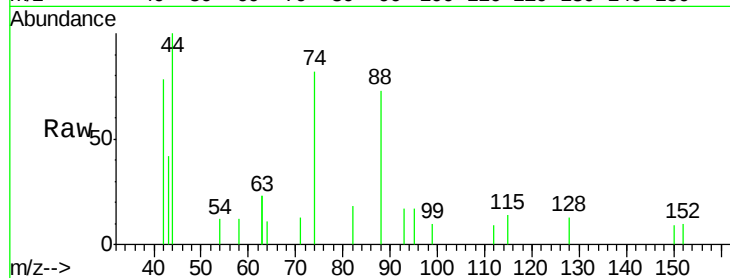
Tgt Ion: 42 Resp: 1041

Ion Ratio Lower Upper

42 100

74 169.0 145.8 218.8

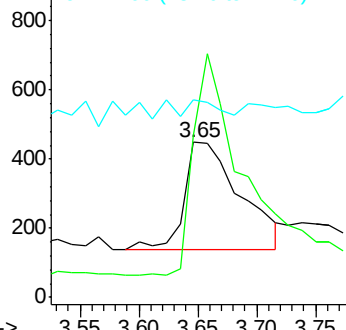
44 13.1 9.0 13.4



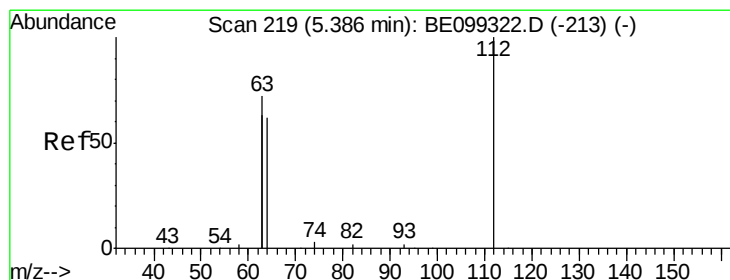
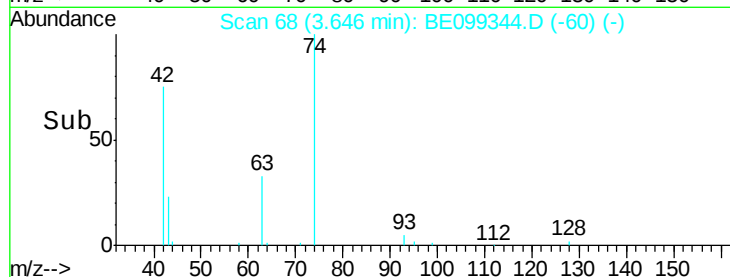
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.509 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

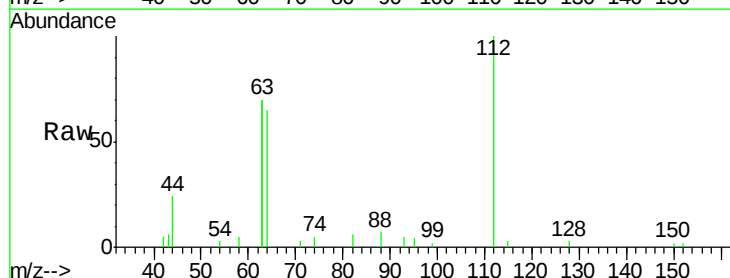
Tgt Ion: 112 Resp: 3922

Ion Ratio Lower Upper

112 100

64 57.1 44.9 67.3

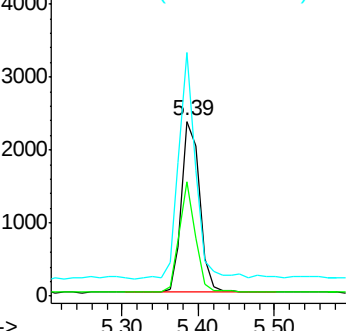
63 121.7 97.4 146.0



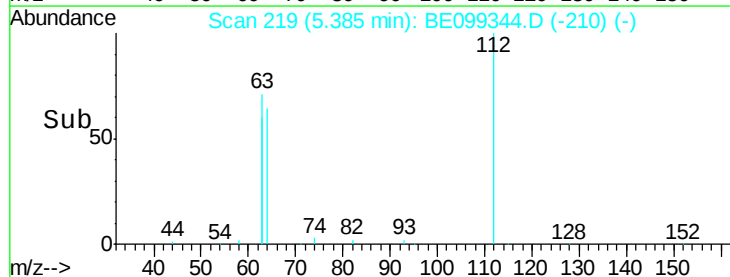
Abundance Ion 112.00 (111.70 to 112.70): E

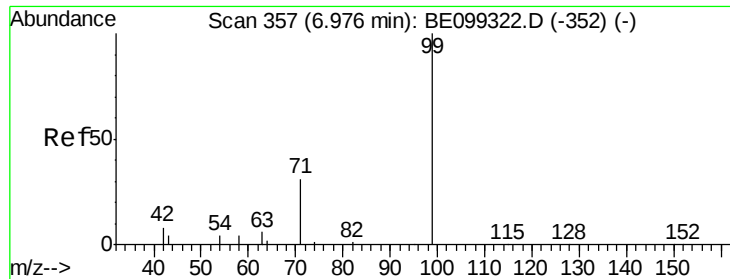
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.505 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

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SSTDCCC0.4EC

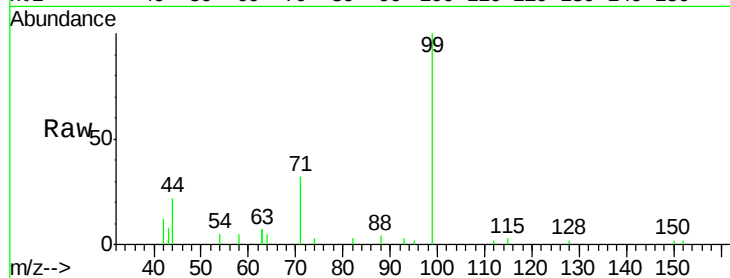
Tgt Ion: 99 Resp: 5555

Ion Ratio Lower Upper

99 100

42 15.6 11.7 17.5

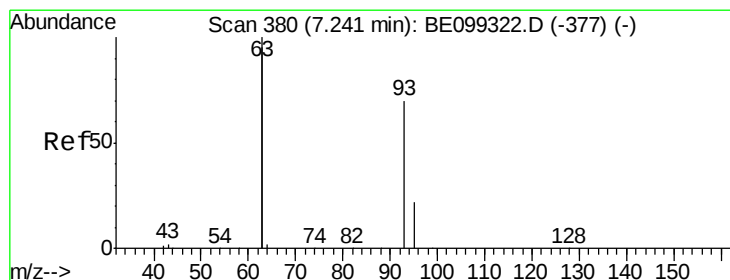
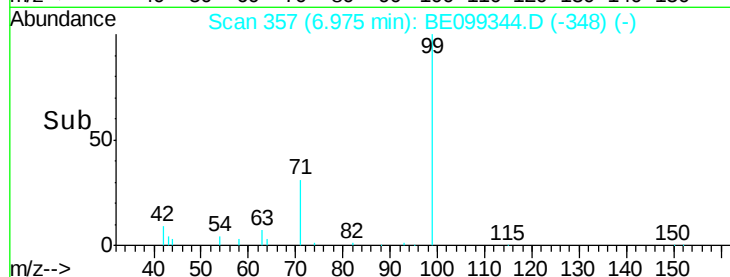
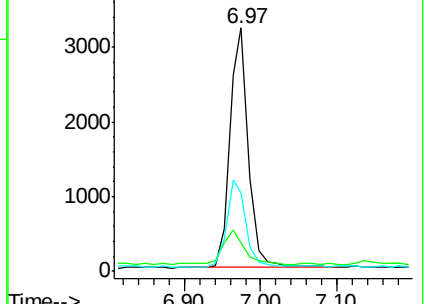
71 37.6 29.6 44.4



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: 0.475 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

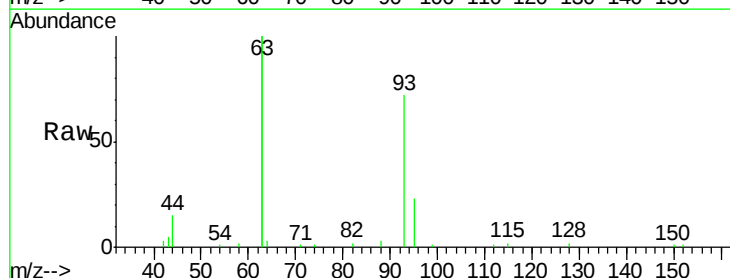
Tgt Ion: 93 Resp: 4869

Ion Ratio Lower Upper

93 100

63 275.5 216.6 324.8

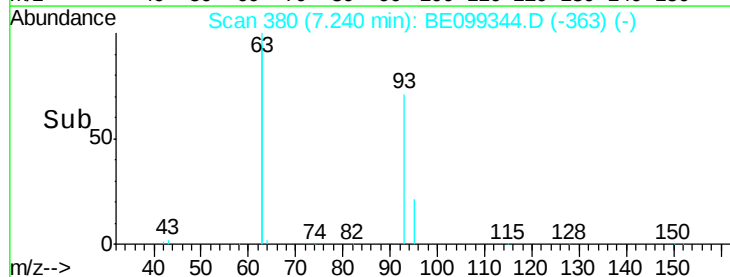
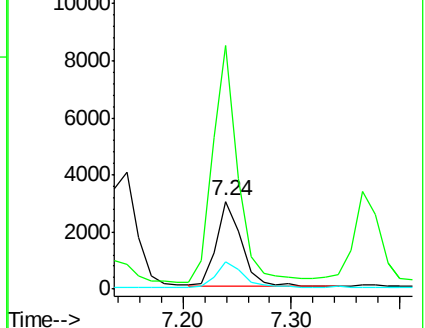
95 31.2 25.8 38.6

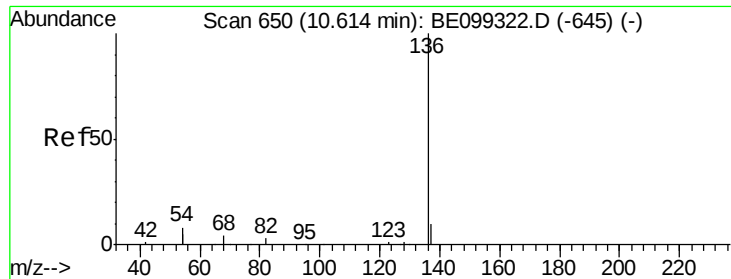


Abundance Ion 93.00 (92.70 to 93.70): BE0

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. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 12498

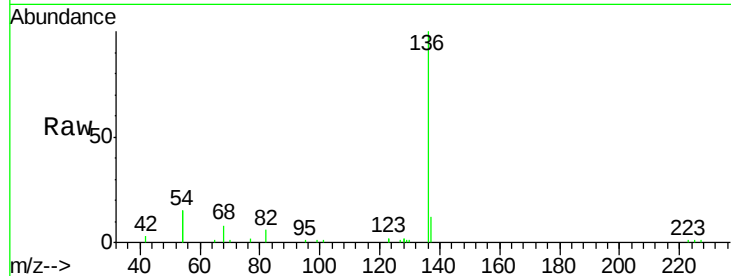
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 30.6 23.8 35.8

68 8.0 6.4 9.6

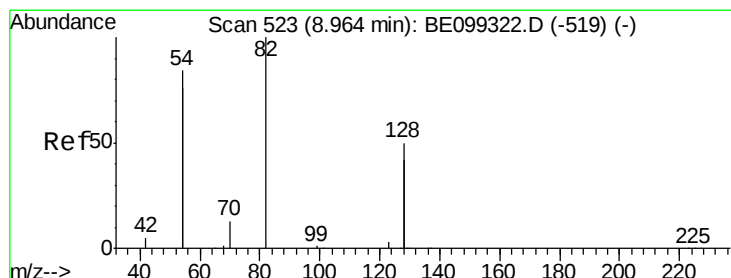
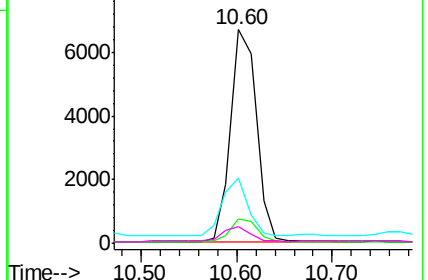
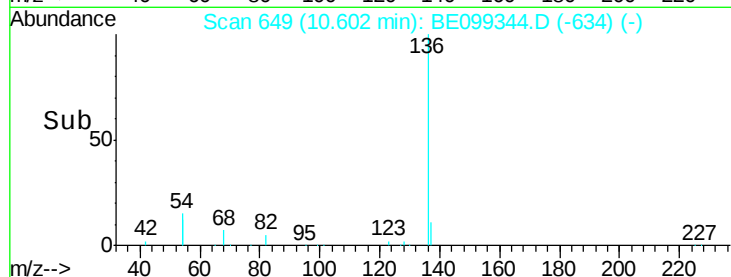


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.477 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

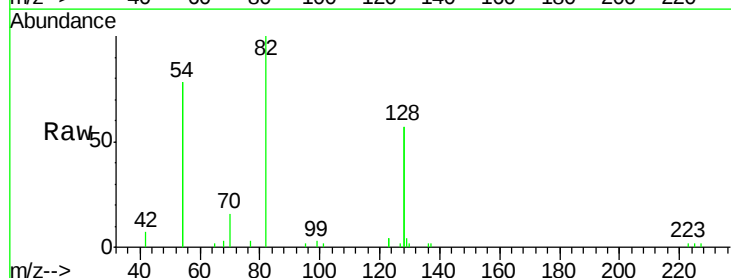
Tgt Ion: 82 Resp: 4631

Ion Ratio Lower Upper

82 100

128 113.3 91.7 137.5

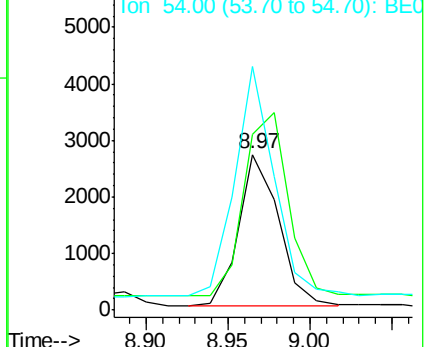
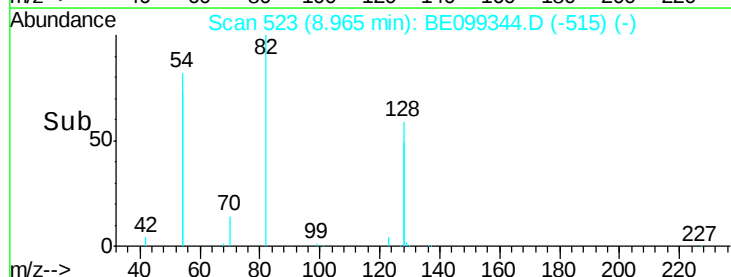
54 156.4 122.8 184.2

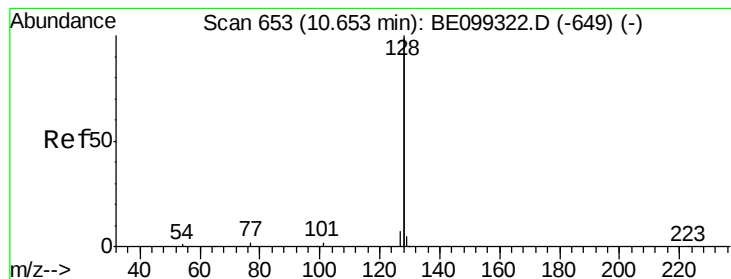


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.466 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

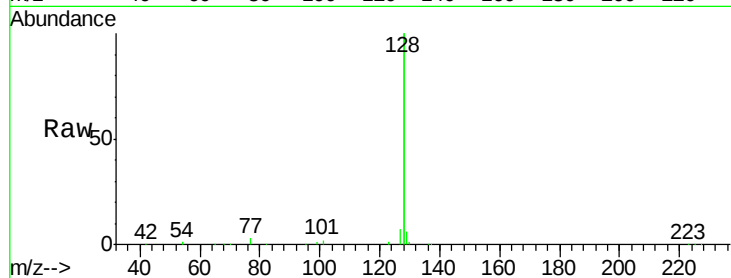
Tgt Ion:128 Resp: 63521

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

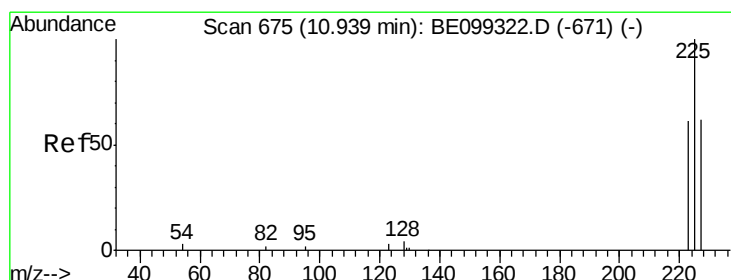
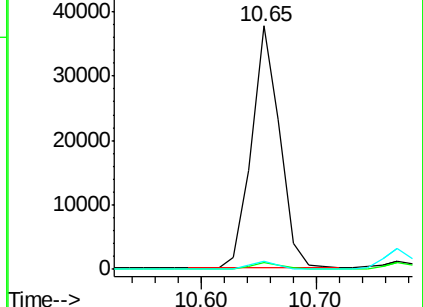
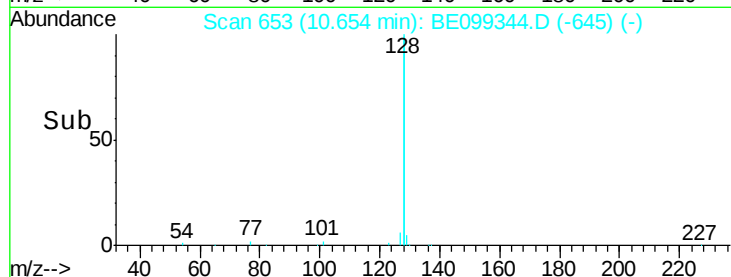
127 3.3 2.8 4.2



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: 0.473 ng

RT: 10.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

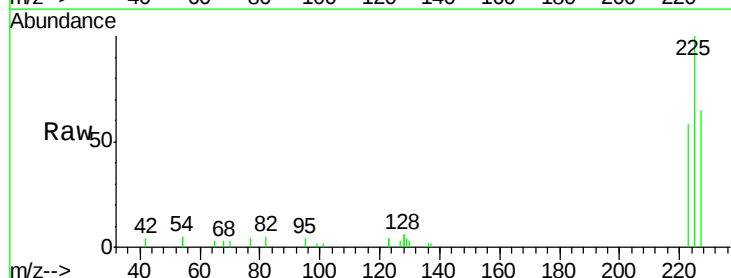
Tgt Ion:225 Resp: 4091

Ion Ratio Lower Upper

225 100

223 62.2 50.3 75.5

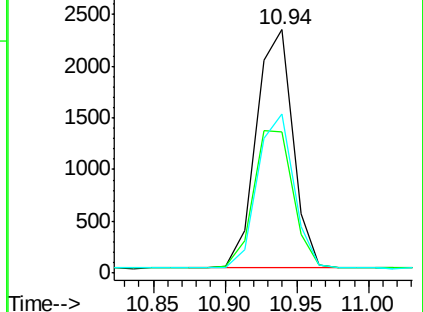
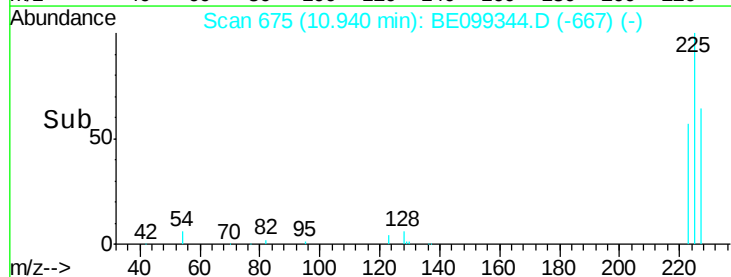
227 64.1 49.4 74.0

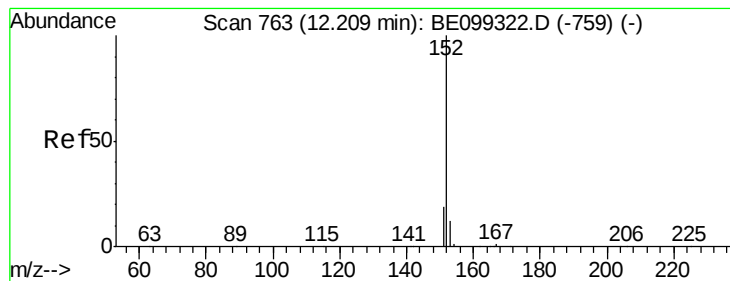


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.460 ng

RT: 12.20 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

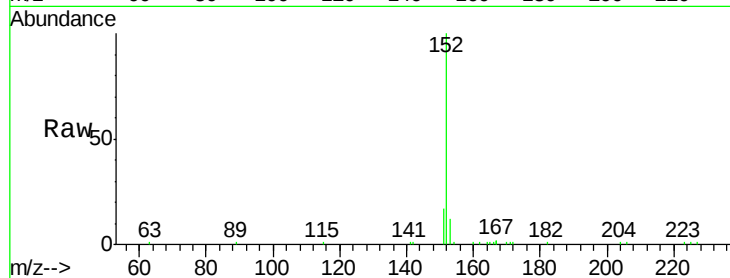
SSTDCCC0.4EC

Tgt Ion:152 Resp: 10148

Ion Ratio Lower Upper

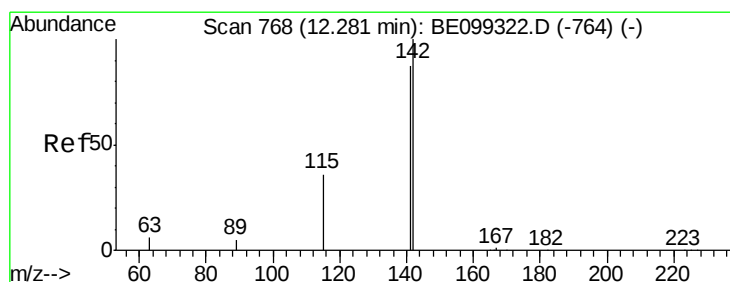
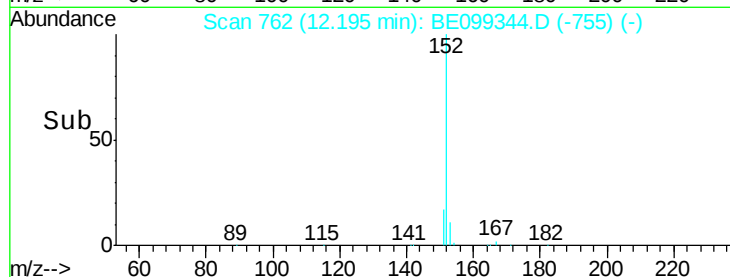
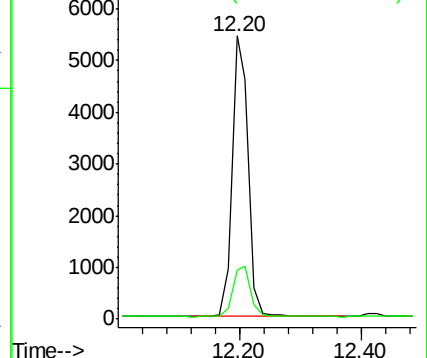
152 100

151 20.4 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.463 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

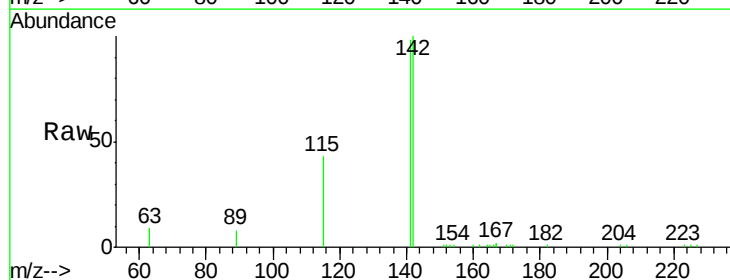
Tgt Ion:142 Resp: 10737

Ion Ratio Lower Upper

142 100

141 97.6 72.0 108.0

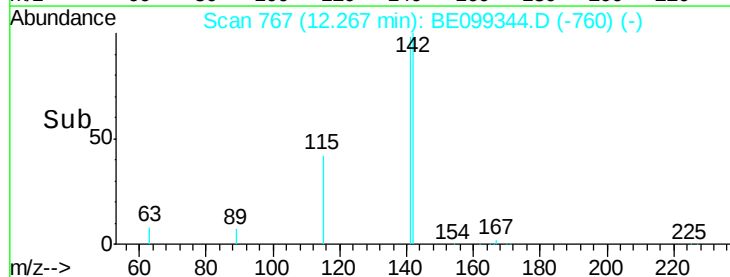
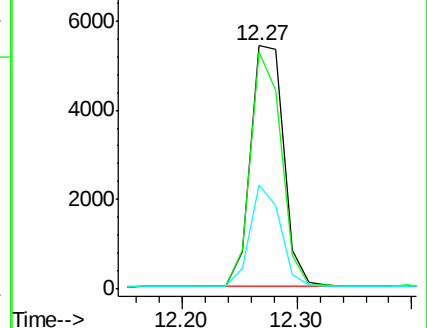
115 42.6 33.4 50.0

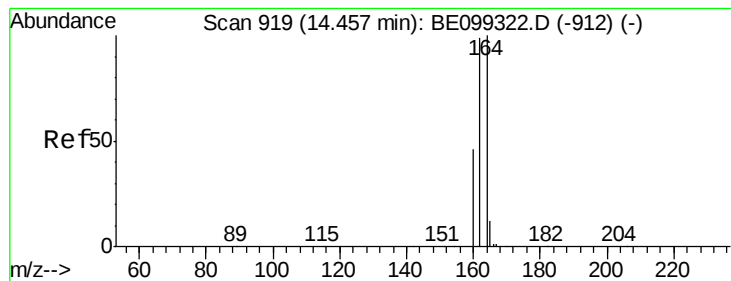


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.46 min Scan# 919

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

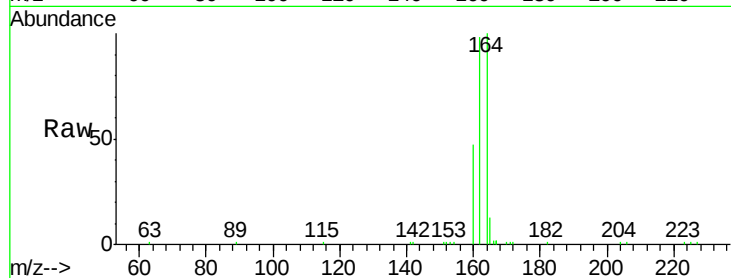
Tgt Ion:164 Resp: 8915

Ion Ratio Lower Upper

164 100

162 97.7 77.8 116.6

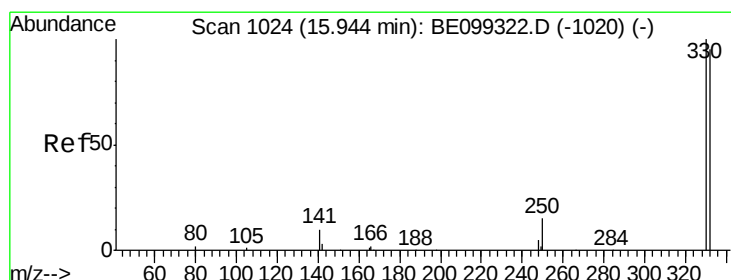
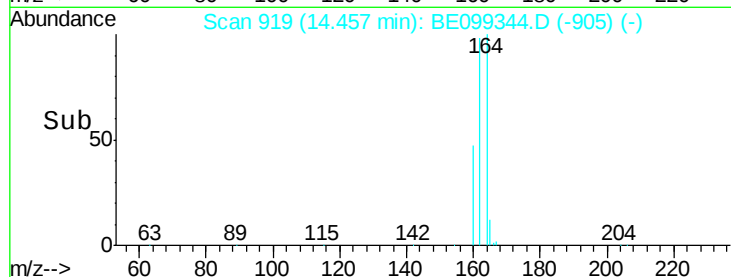
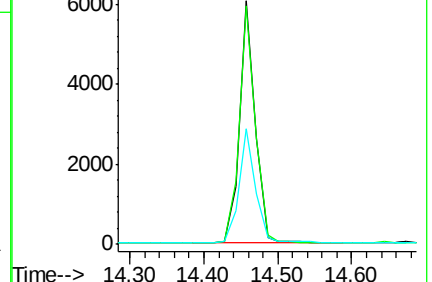
160 47.5 37.1 55.7



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: 0.562 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

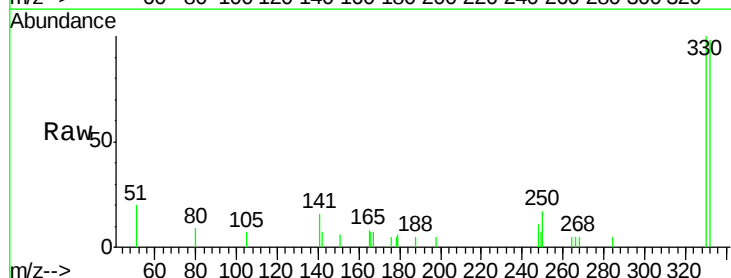
Tgt Ion:330 Resp: 1663

Ion Ratio Lower Upper

330 100

332 95.4 82.5 123.7

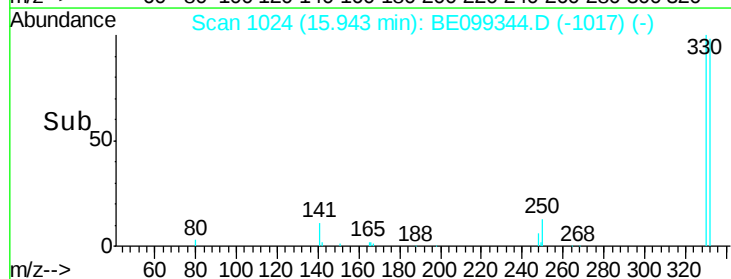
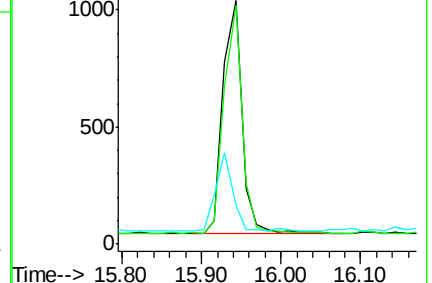
141 29.7 24.9 37.3

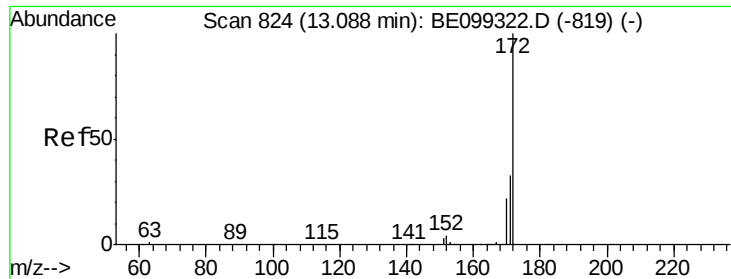


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

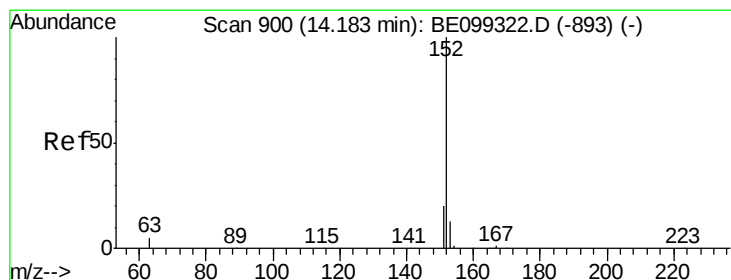
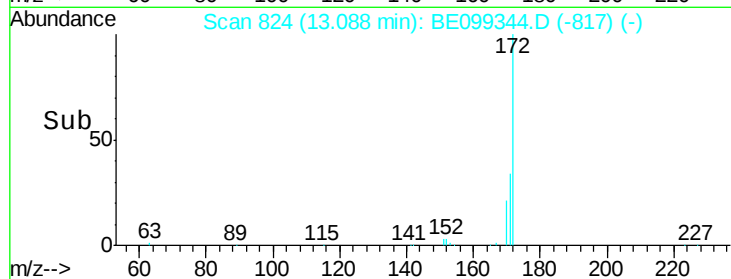
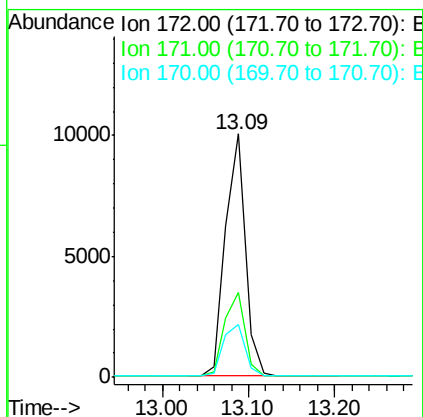
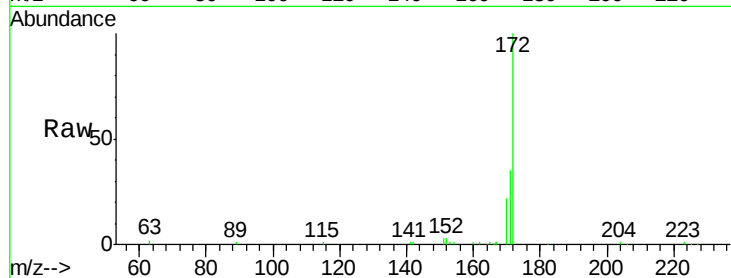




#15
 2-Fluorobiphenyl
 Concen: 0.459 ng
 RT: 13.09 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BE099344.D
 Acq: 18 Apr 2019 19:21

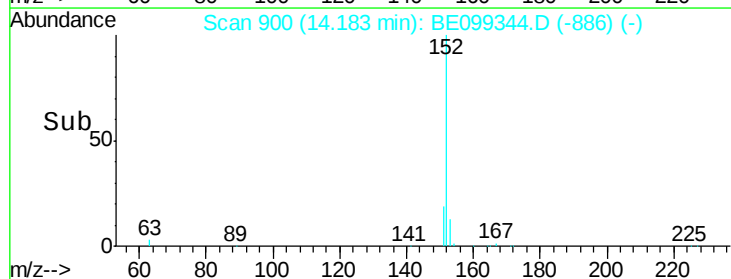
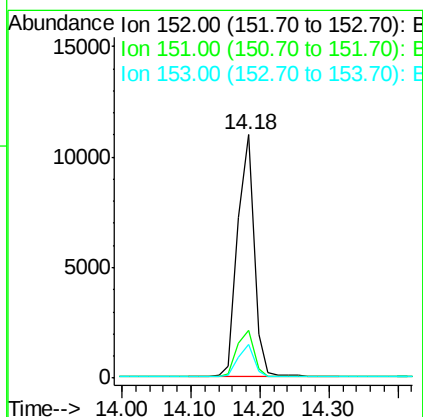
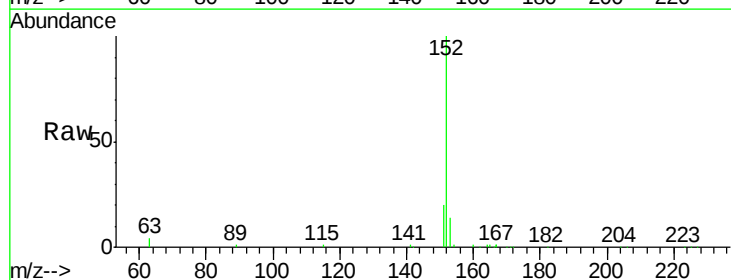
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

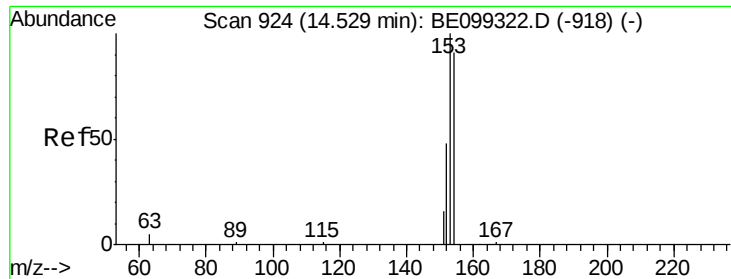
Tgt Ion:172 Resp: 16086
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.2 39.2
 170 21.7 18.1 27.1



#16
 Acenaphthylene
 Concen: 0.457 ng
 RT: 14.18 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BE099344.D
 Acq: 18 Apr 2019 19:21

Tgt Ion:152 Resp: 18396
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.5 23.3
 153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 0.459 ng

RT: 14.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

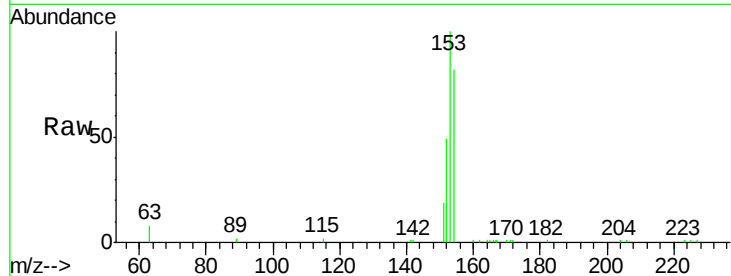
Tgt Ion:154 Resp: 11395

Ion Ratio Lower Upper

154 100

153 116.2 94.7 142.1

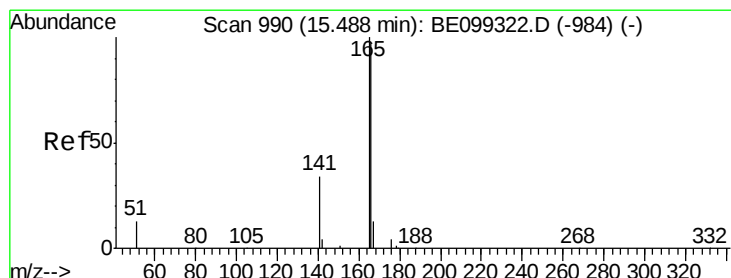
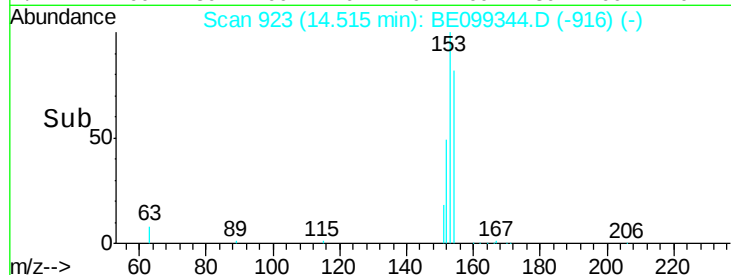
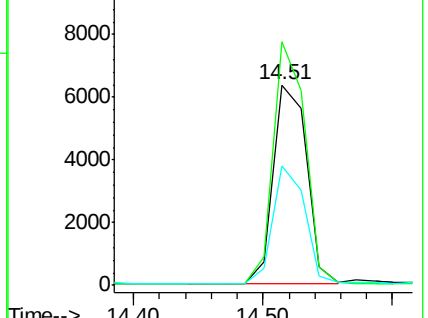
152 56.9 46.4 69.6



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: 0.460 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

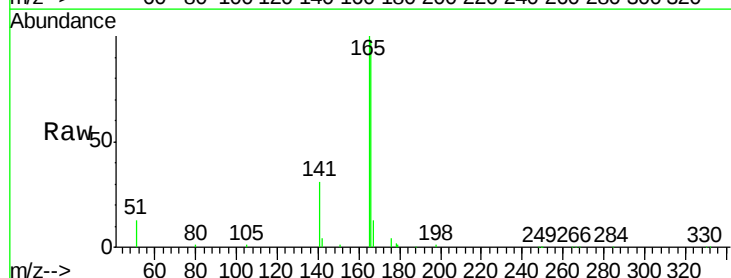
Tgt Ion:166 Resp: 16414

Ion Ratio Lower Upper

166 100

165 99.6 79.7 119.5

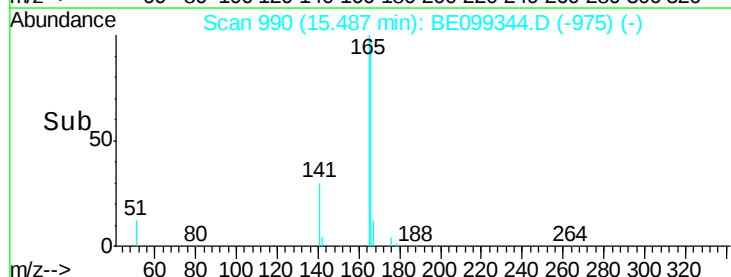
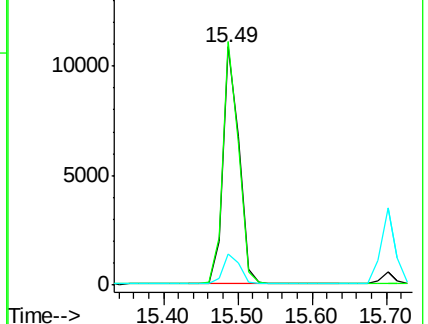
167 13.3 11.0 16.4

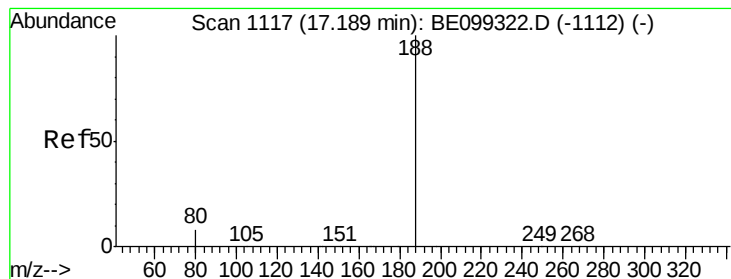


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

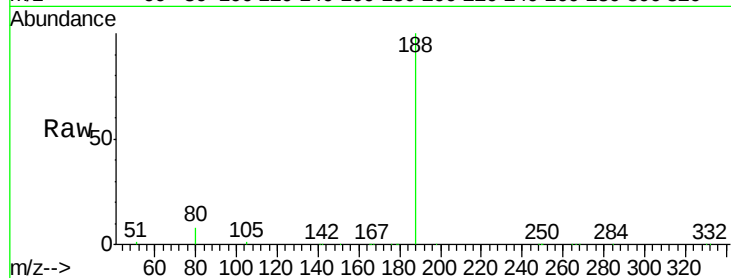
Tgt Ion:188 Resp: 26728

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

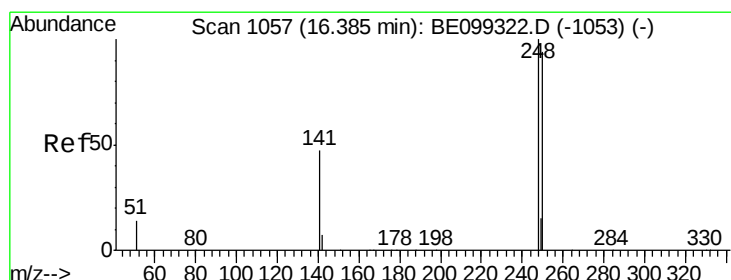
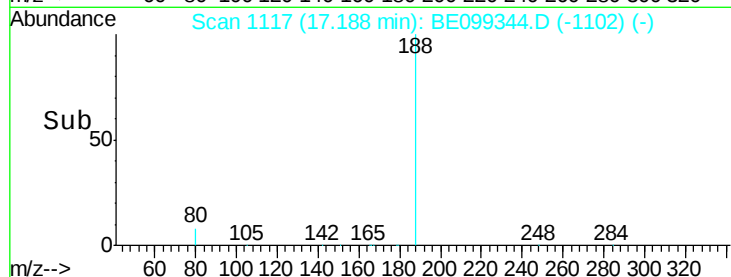
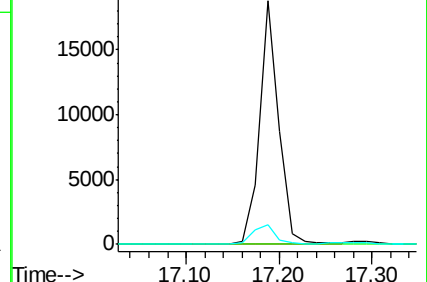
80 8.1 6.2 9.4



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: 0.446 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

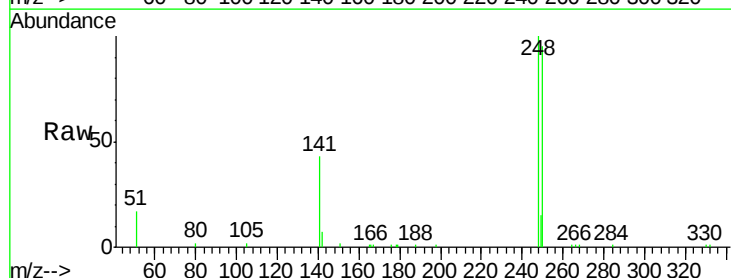
Tgt Ion:248 Resp: 6602

Ion Ratio Lower Upper

248 100

250 95.4 77.0 115.6

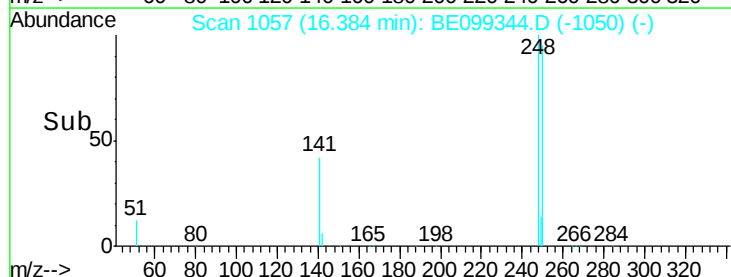
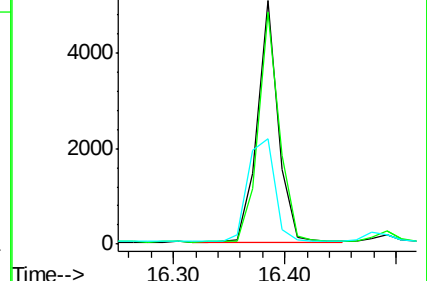
141 43.0 31.1 46.7

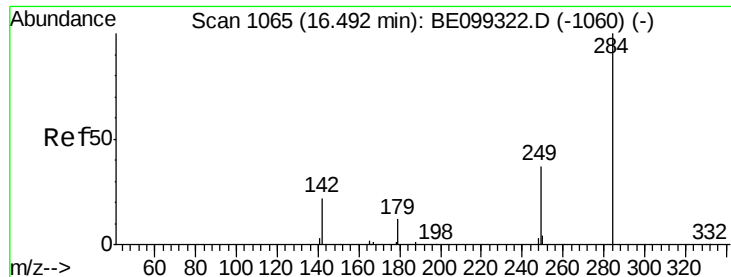


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.456 ng

RT: 16.49 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

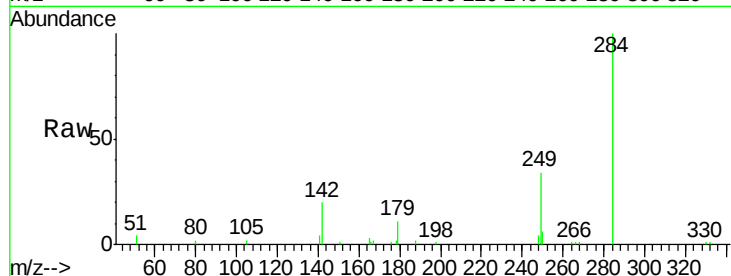
Tgt Ion:284 Resp: 6497

Ion Ratio Lower Upper

284 100

142 26.9 21.8 32.6

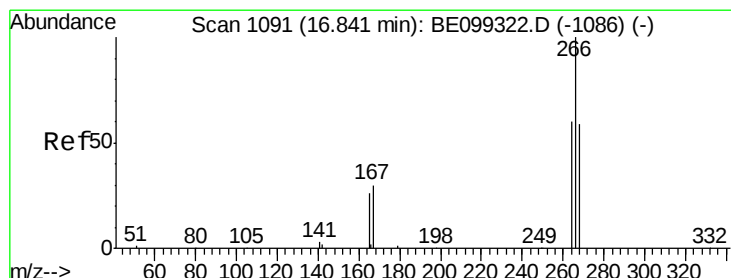
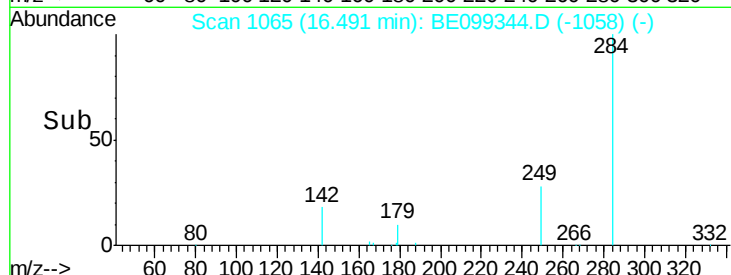
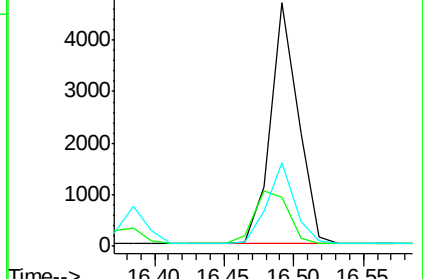
249 32.7 26.2 39.4



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: 0.554 ng

RT: 16.84 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

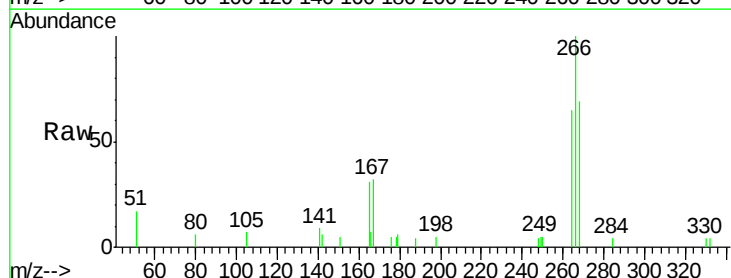
Tgt Ion:266 Resp: 1920

Ion Ratio Lower Upper

266 100

264 65.3 54.5 81.7

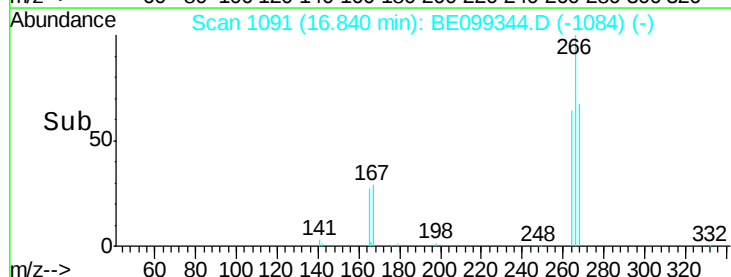
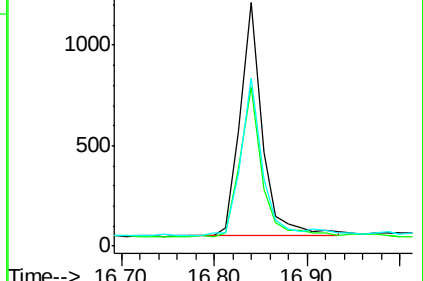
268 69.0 54.3 81.5

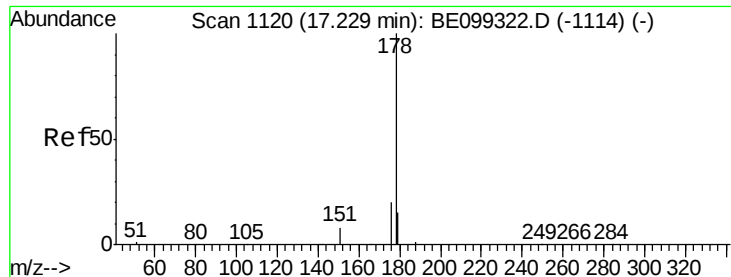


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.449 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

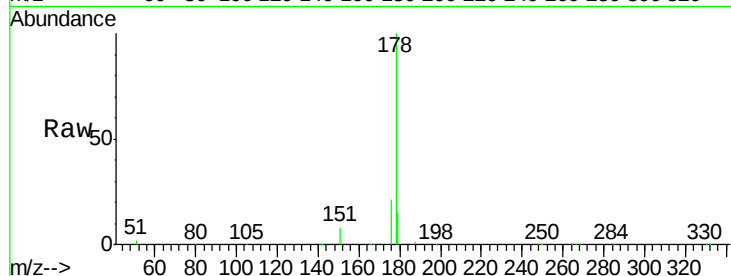
Tgt Ion:178 Resp: 31757

Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

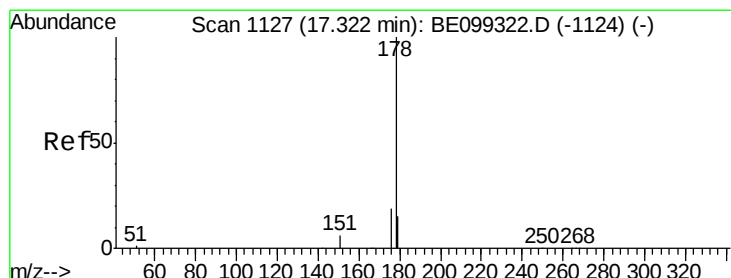
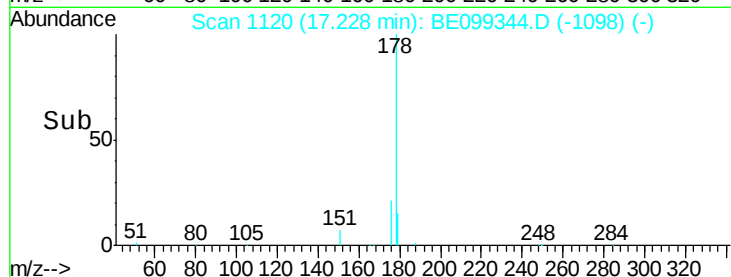
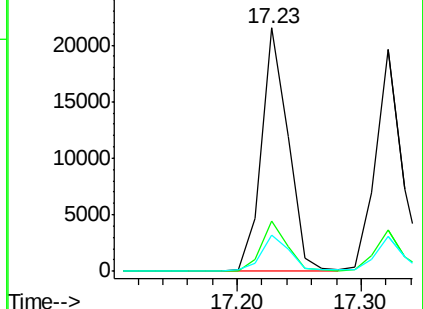
179 15.1 12.4 18.6



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: 0.447 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

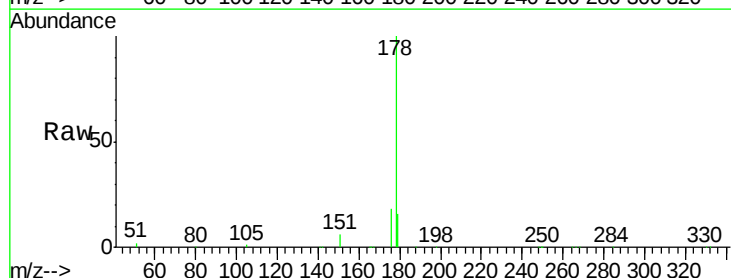
Tgt Ion:178 Resp: 28141

Ion Ratio Lower Upper

178 100

176 18.2 15.1 22.7

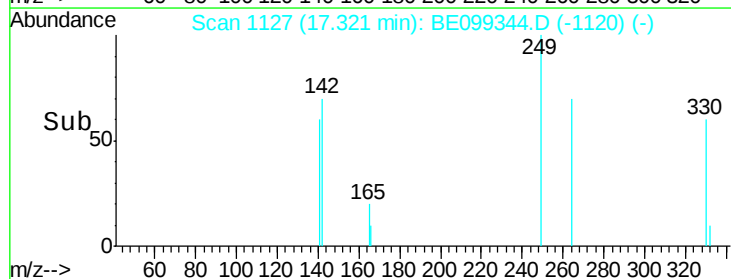
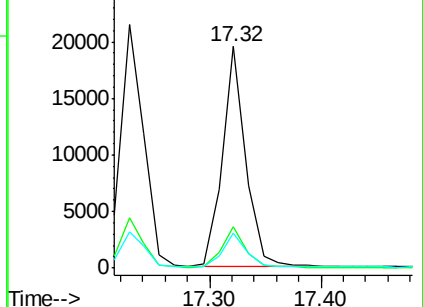
179 15.4 11.9 17.9

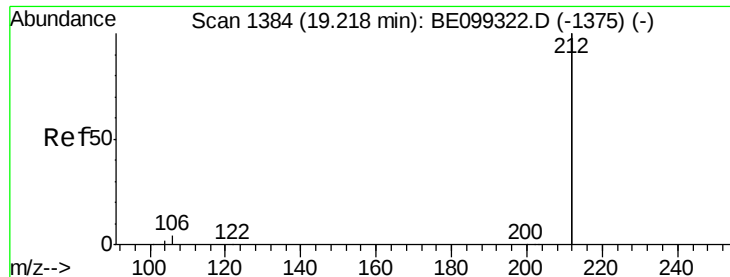


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.454 ng

RT: 19.22 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

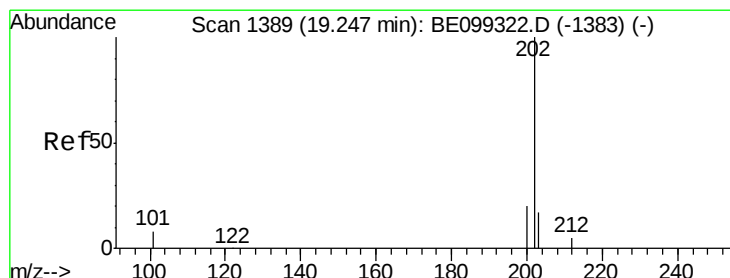
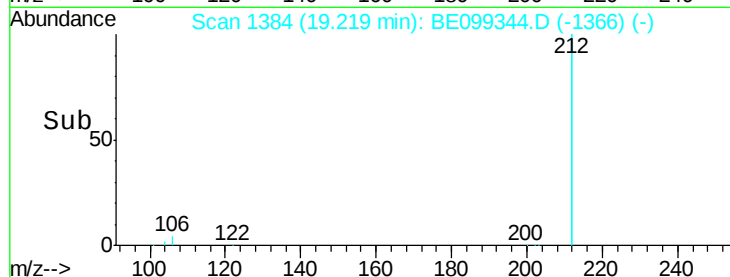
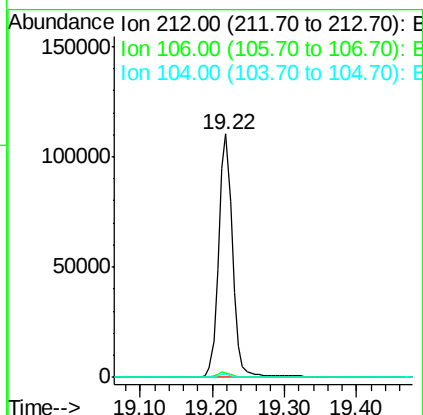
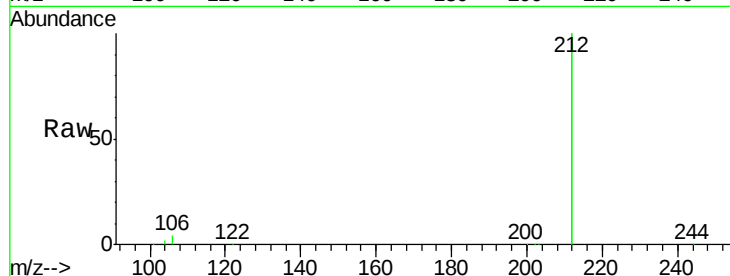
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	212	Resp:	145915
Ion	Ratio	Lower	Upper
212	100		
106	2.1	1.8	2.6
104	1.2	1.0	1.4



#26

Fluoranthene

Concen: 0.454 ng

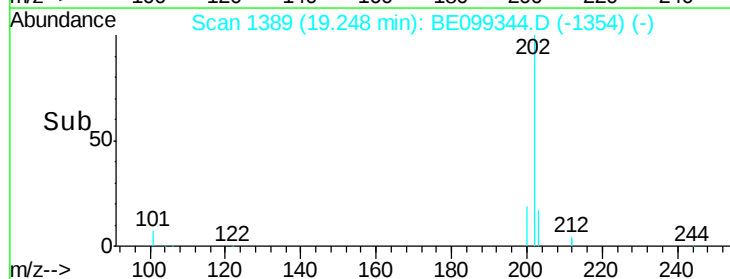
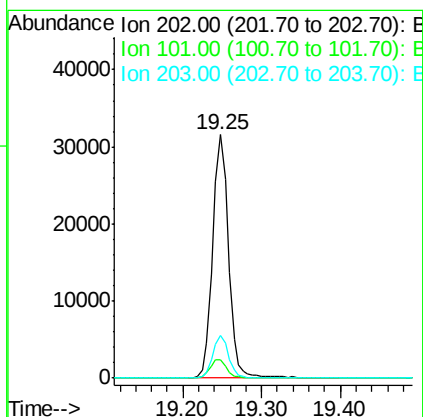
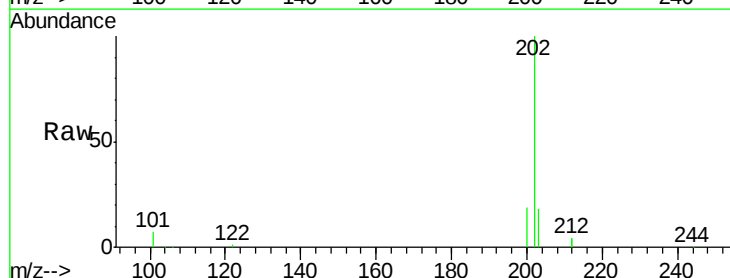
RT: 19.25 min Scan# 1389

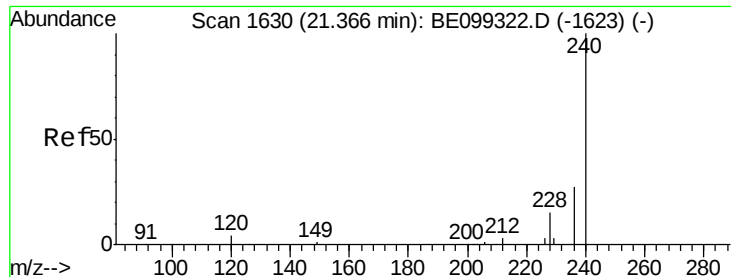
Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Tgt Ion:	202	Resp:	43050
Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.4	9.6
203	17.4	13.5	20.3

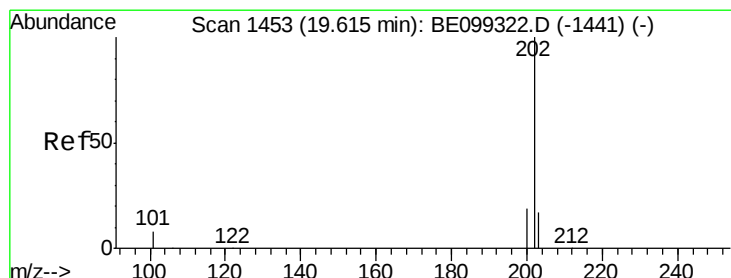
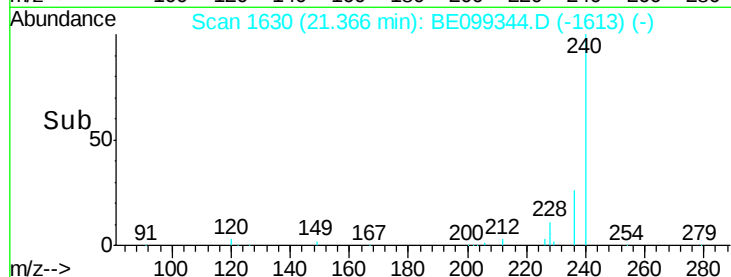
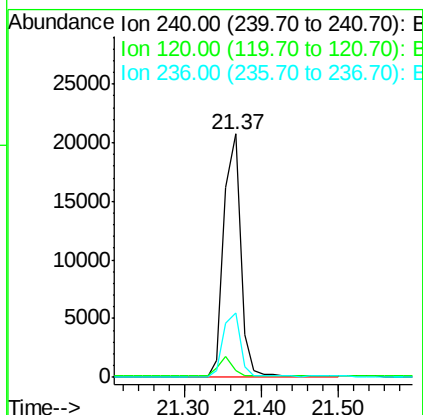
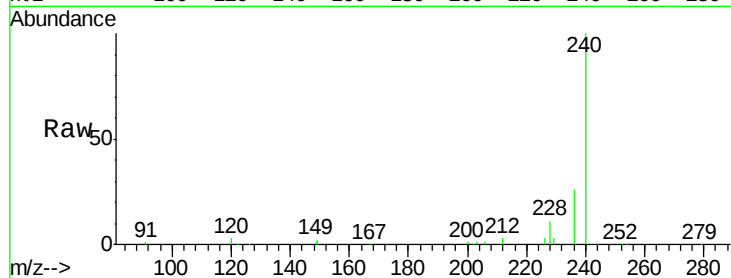




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BE099344.D
Acq: 18 Apr 2019 19:21

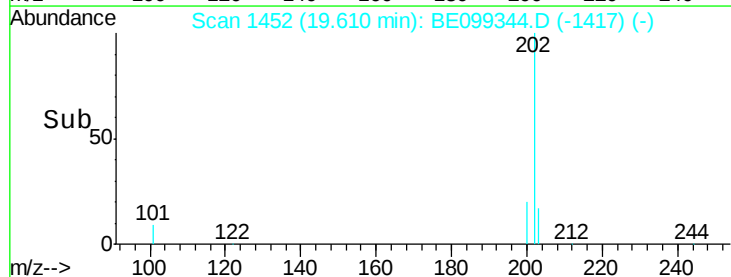
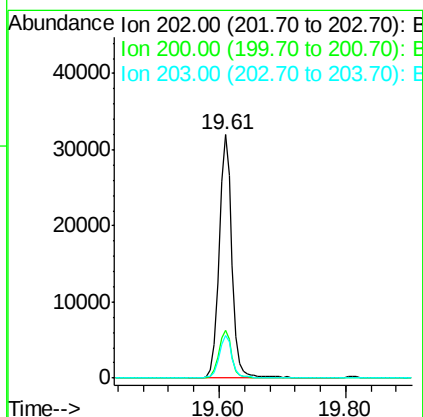
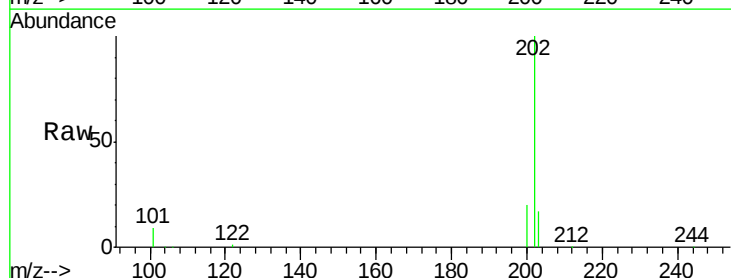
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

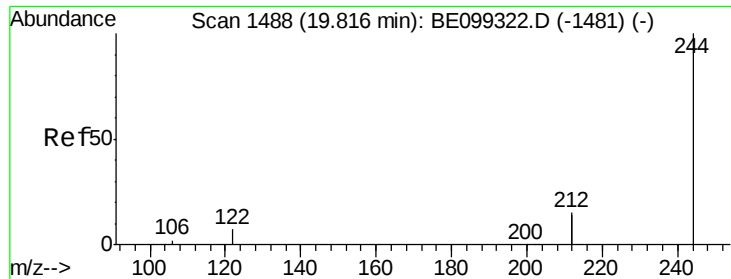
Tgt Ion:240 Resp: 31557
Ion Ratio Lower Upper
240 100
120 3.0 2.2 3.2
236 26.3 20.2 30.4



#28
Pyrene
Concen: 0.474 ng
RT: 19.61 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BE099344.D
Acq: 18 Apr 2019 19:21

Tgt Ion:202 Resp: 44099
Ion Ratio Lower Upper
202 100
200 19.4 15.7 23.5
203 17.3 13.7 20.5





#29

Terphenyl-d14

Concen: 0.475 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

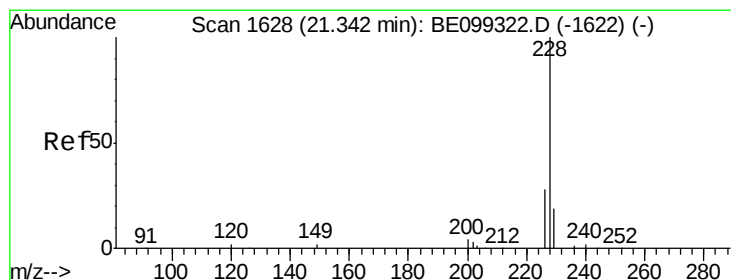
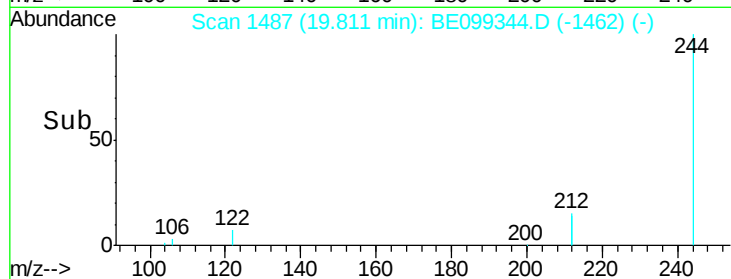
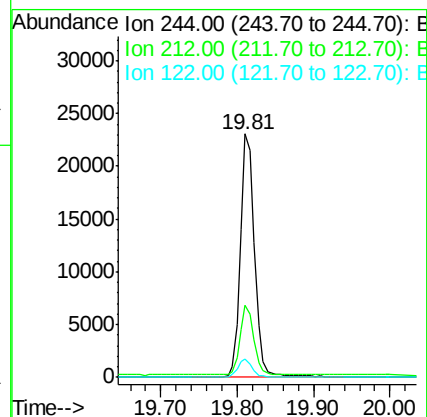
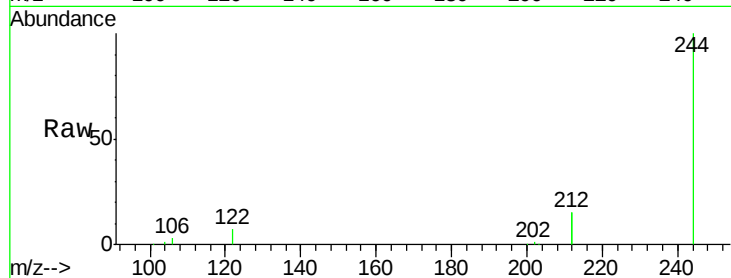
Tgt Ion:244 Resp: 29480

Ion Ratio Lower Upper

244 100

212 29.7 22.6 33.8

122 7.4 4.6 7.0#



#30

Benzo(a)anthracene

Concen: 0.478 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

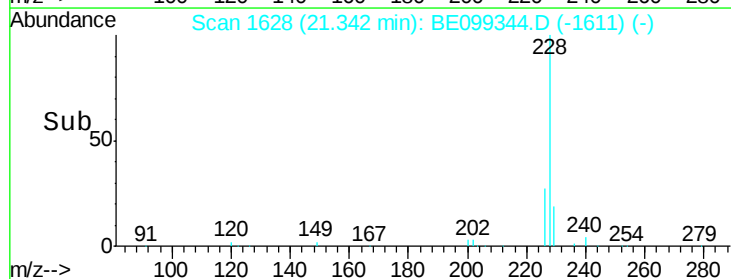
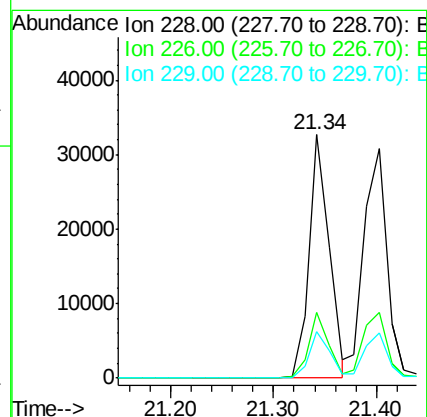
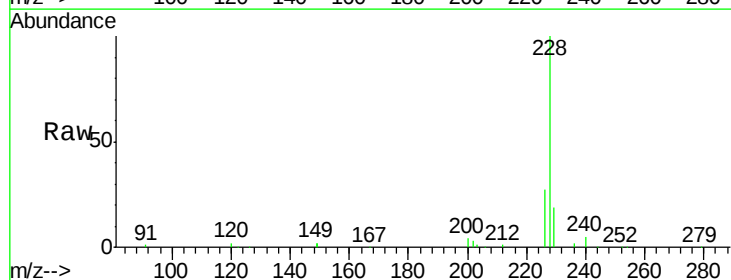
Tgt Ion:228 Resp: 44303

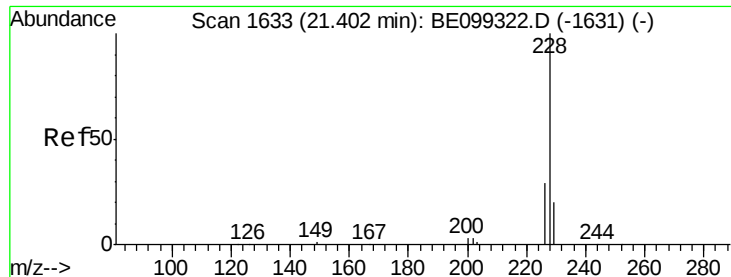
Ion Ratio Lower Upper

228 100

226 27.0 22.0 33.0

229 19.0 15.8 23.8





#31

Chrysene

Concen: 0.478 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

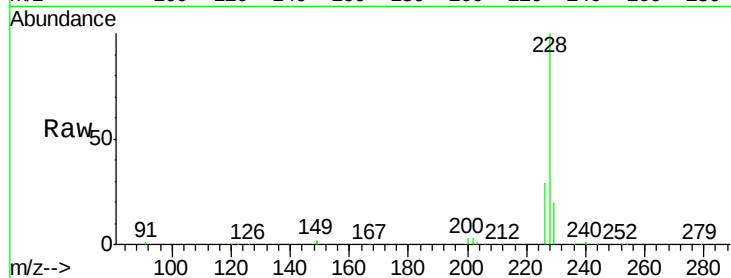
Tgt Ion:228 Resp: 47209

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

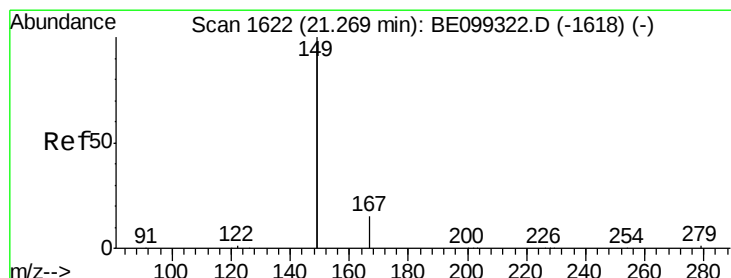
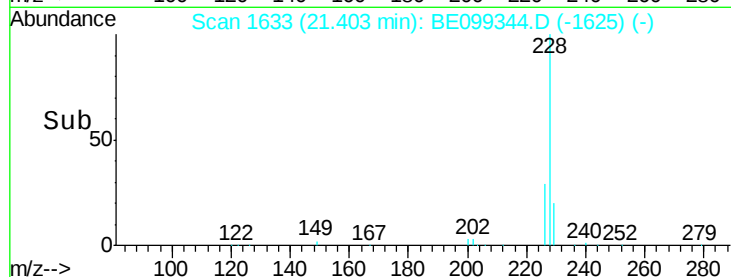
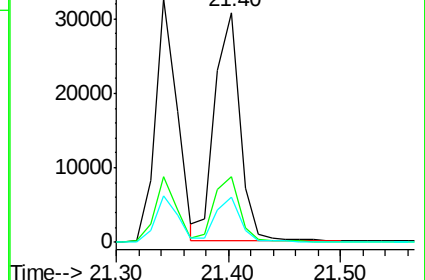
229 19.9 16.2 24.2



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: 0.574 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

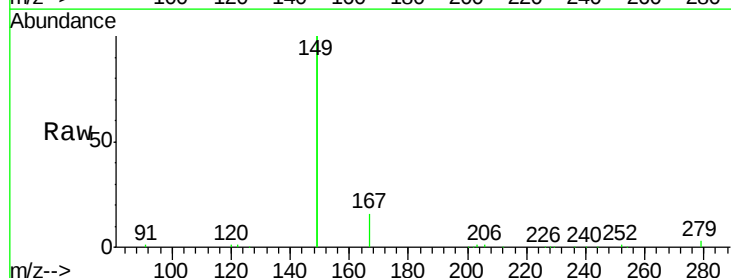
Tgt Ion:149 Resp: 48452

Ion Ratio Lower Upper

149 100

167 7.4 6.0 9.0

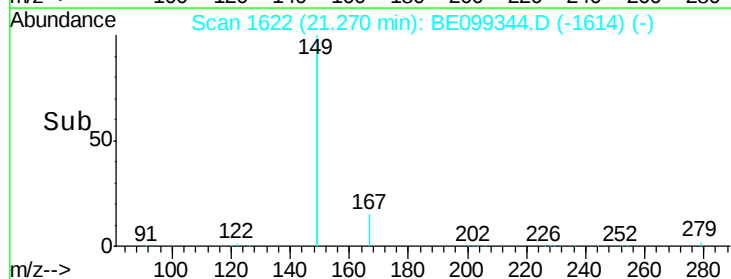
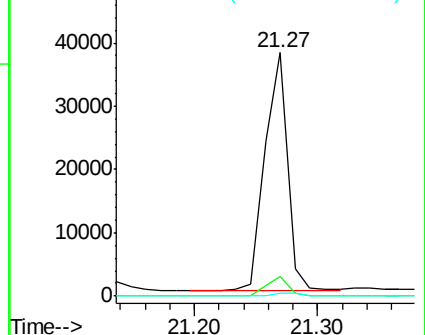
279 1.3 1.1 1.7

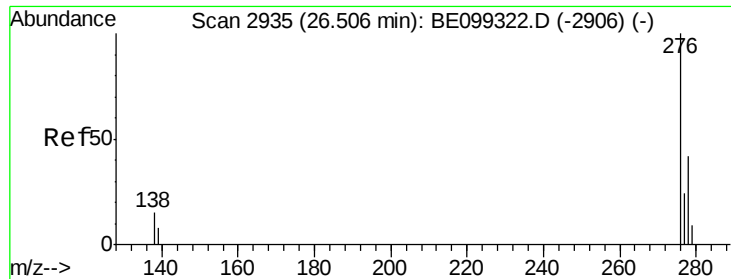


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.499 ng

RT: 26.49 min Scan# 2931

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

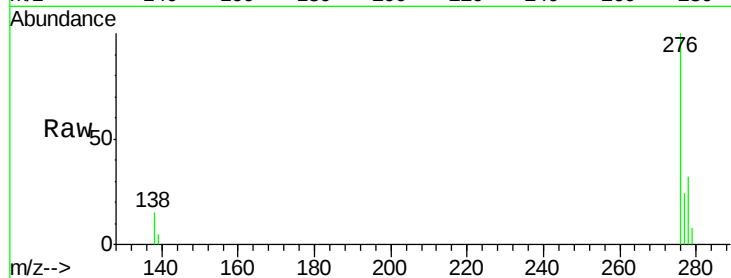
Tgt Ion:276 Resp: 48602

Ion Ratio Lower Upper

276 100

138 15.9 12.7 19.1

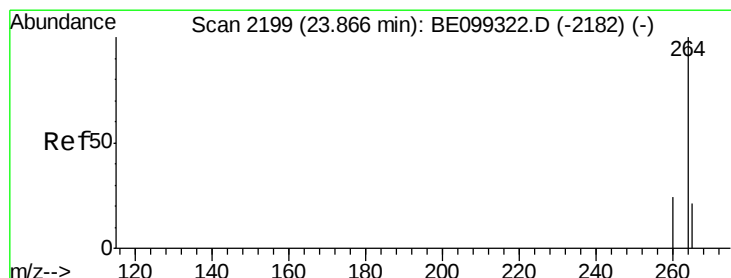
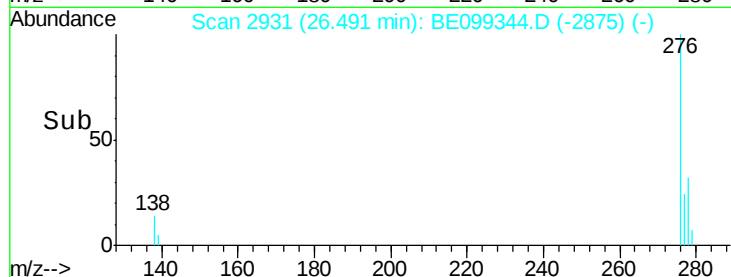
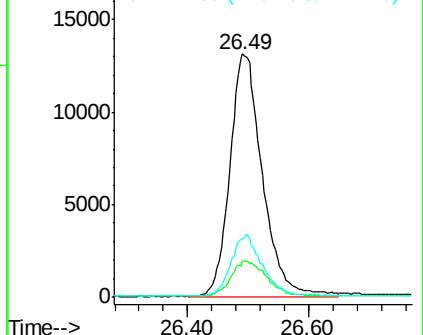
277 24.2 19.6 29.4



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: 23.86 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

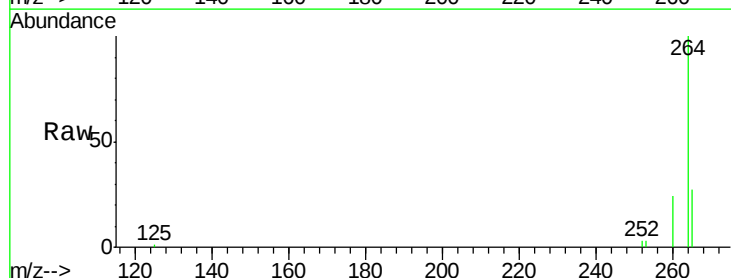
Tgt Ion:264 Resp: 30647

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

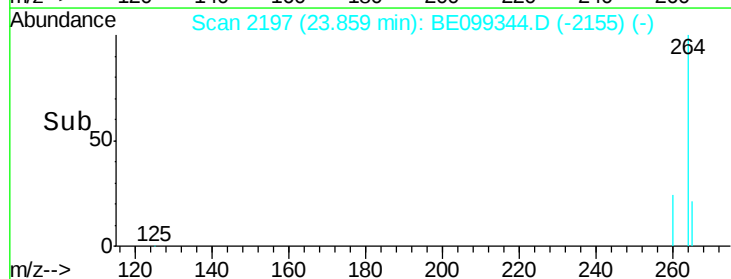
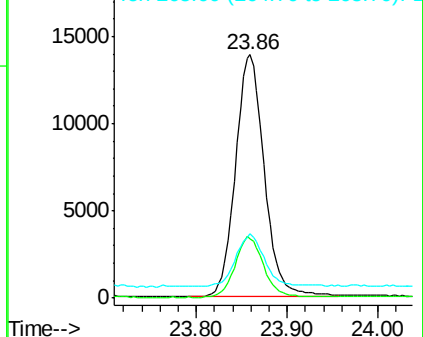
265 26.5 19.9 29.9

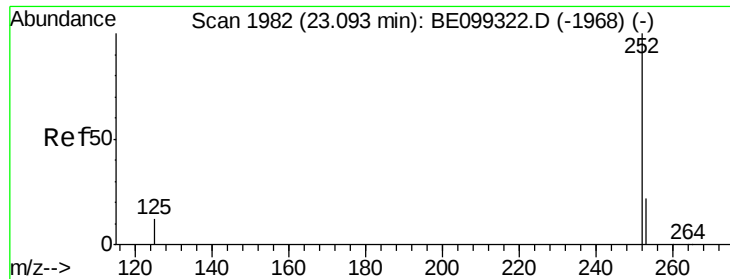


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.454 ng

RT: 23.14 min Scan# 1995

Delta R.T. 0.05 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

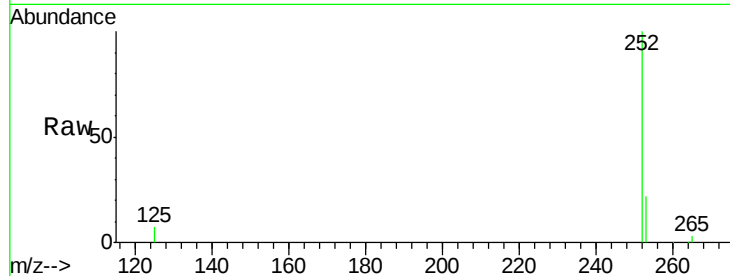
Tgt Ion:252 Resp: 42551

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

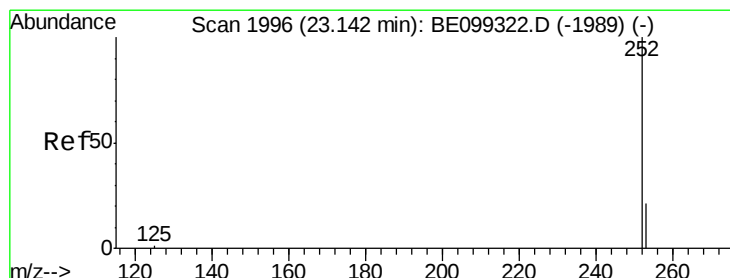
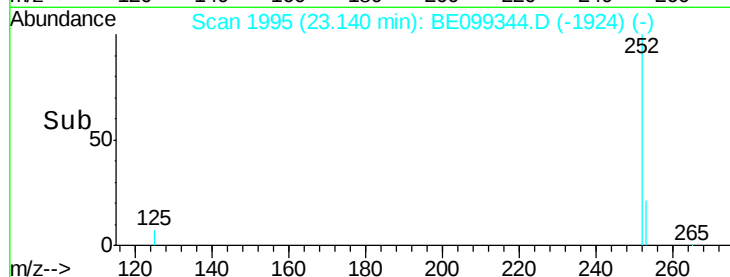
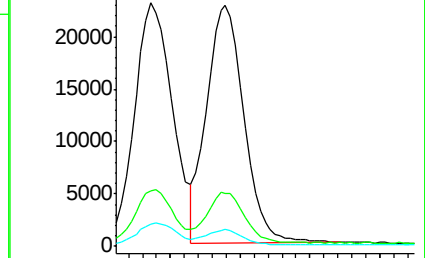
125 7.1 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.455 ng

RT: 23.14 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

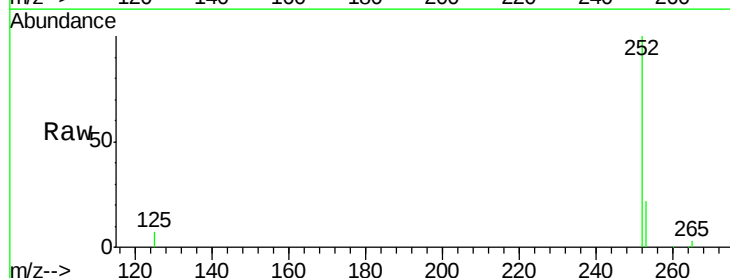
Tgt Ion:252 Resp: 42551

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

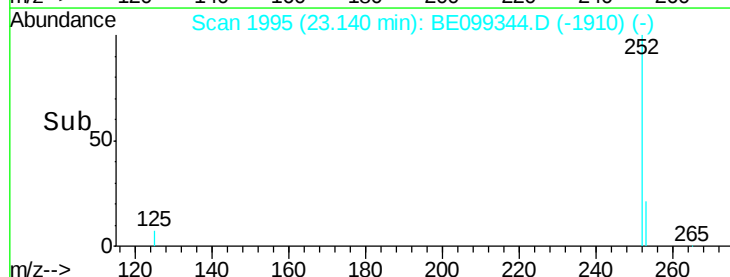
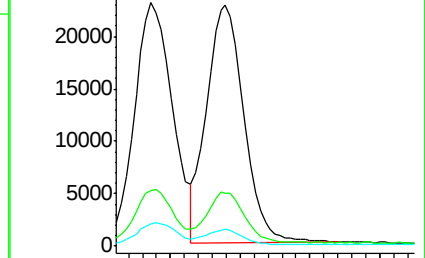
125 7.1 5.4 8.0

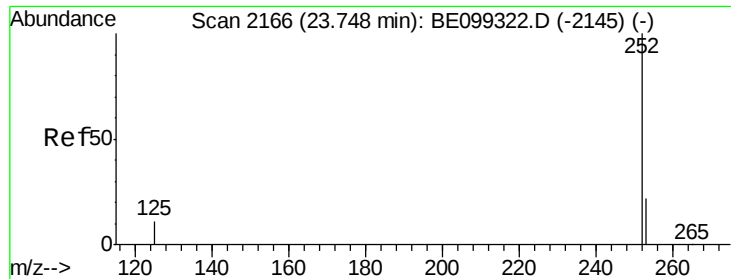


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.473 ng

RT: 23.75 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

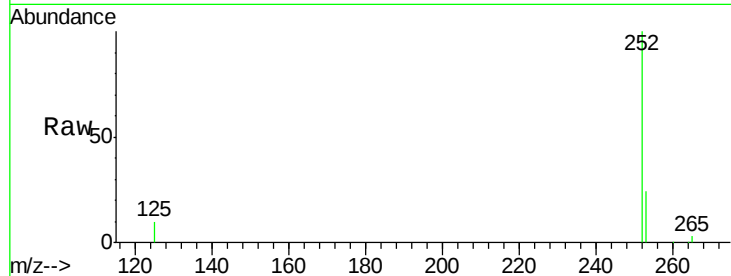
Tgt Ion: 252 Resp: 39772

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

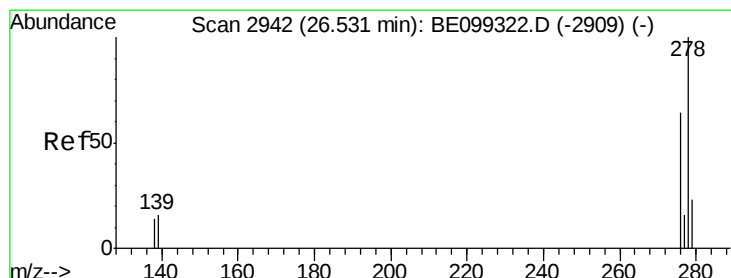
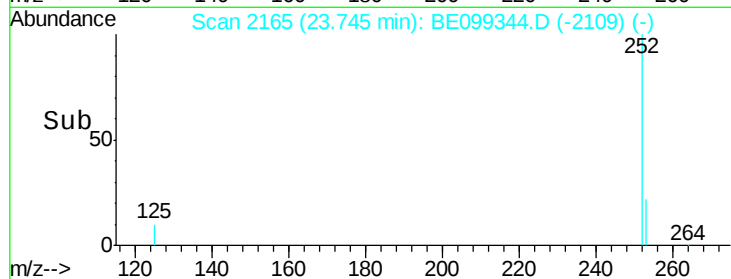
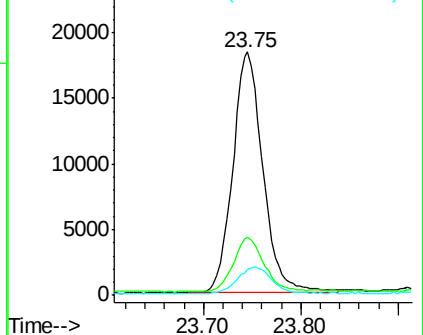
125 10.5 6.5 9.7#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.469 ng

RT: 26.52 min Scan# 2939

Delta R.T. -0.00 min

Lab File: BE099344.D

Acq: 18 Apr 2019 19:21

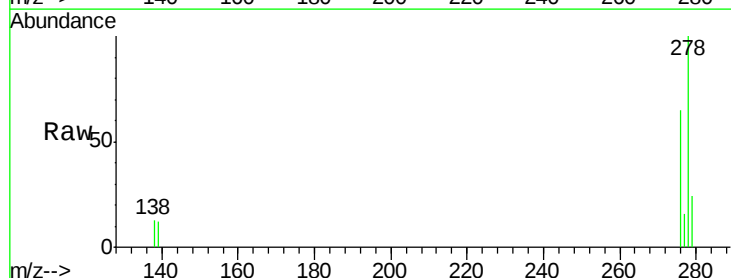
Tgt Ion: 278 Resp: 40237

Ion Ratio Lower Upper

278 100

139 12.4 8.5 12.7

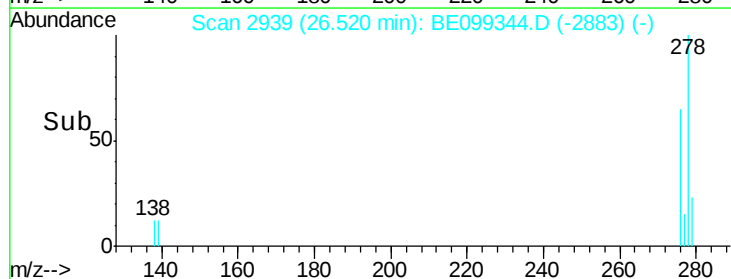
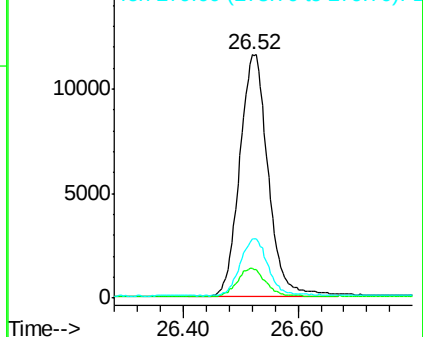
279 24.2 19.8 29.8

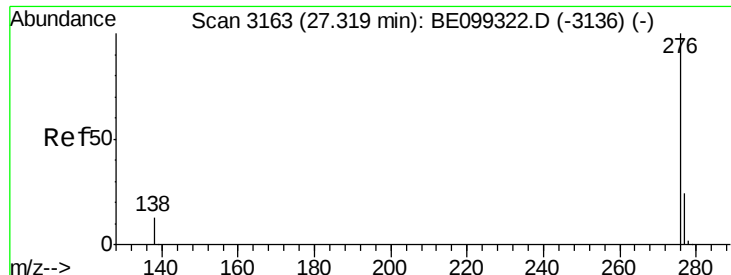


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.461 ng

RT: 27.31 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BE099344.D

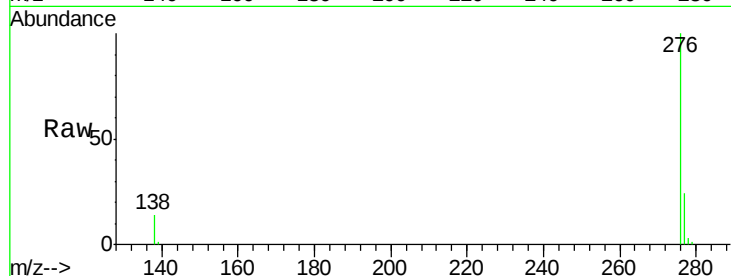
Acq: 18 Apr 2019 19:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 40120

Ion Ratio Lower Upper

276 100

277 24.3 20.0 30.0

138 13.6 11.1 16.7

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

