

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040219\
 Data File : BE099284.D
 Acq On : 2 Apr 2019 21:21
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc : LOQ 0.2 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 03 05:18:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE040219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 17:16:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3211	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	11413	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	7747	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	22908	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	32275	0.40	ng	-0.02
34) Perylene-d12	23.86	264	34049	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3239	0.38	ng	-0.02
5) Phenol-d6	6.97	99	4493	0.38	ng	-0.02
8) Nitrobenzene-d5	8.96	82	3265	0.42	ng	-0.03
11) 2-Methylnaphthalene-d10	12.21	152	7910	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.94	330	1249	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	12937	0.42	ng	-0.01
25) Fluoranthene-d10	19.22	212	114216	0.38	ng	-0.02
29) Terphenyl-d14	19.82	244	23883	0.41	ng	-0.02

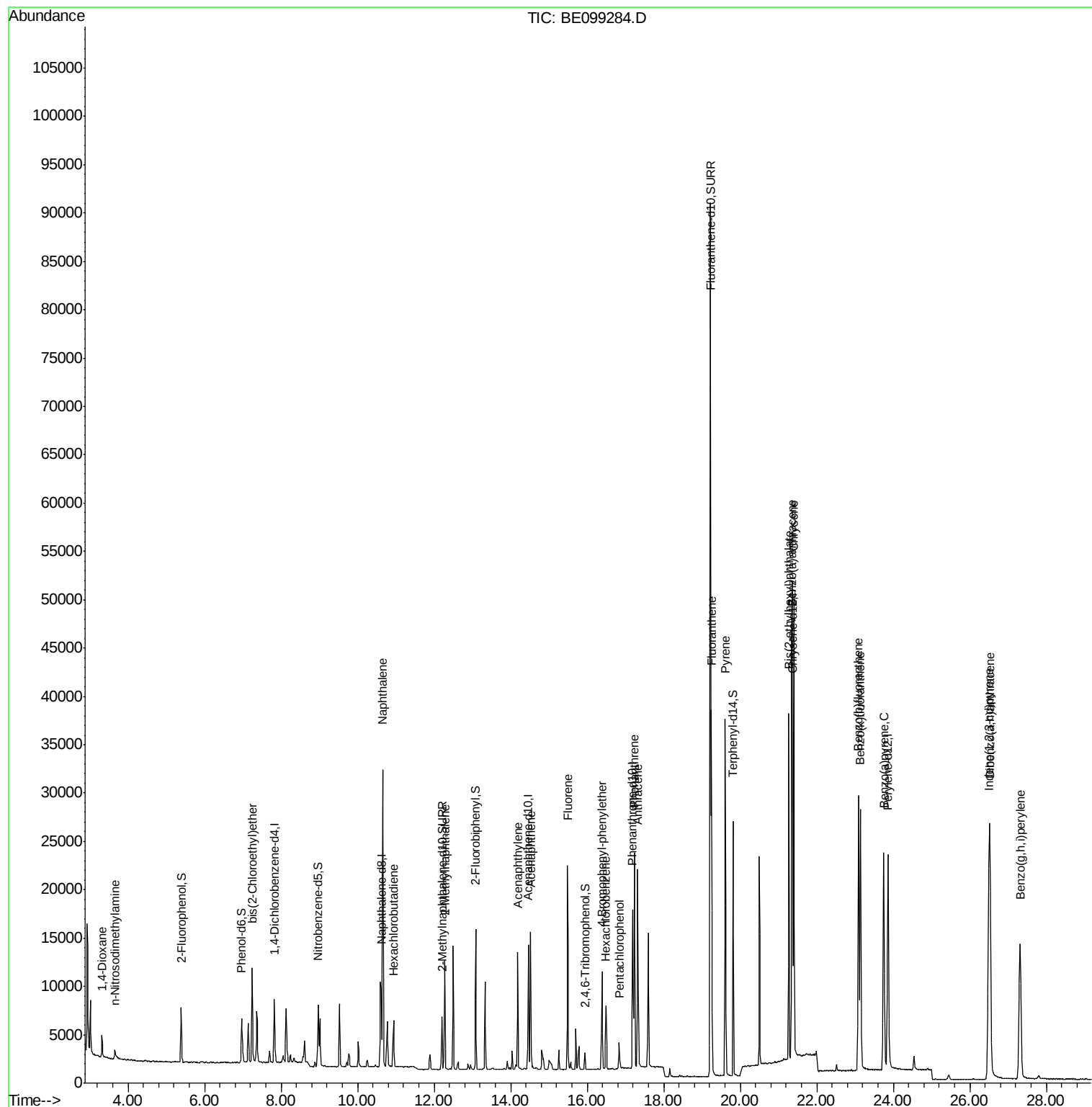
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	1817	0.415	ng	95
3) n-Nitrosodimethylamine	3.65	42	878	0.340	ng	# 88
6) bis(2-Chloroethyl)ether	7.24	93	4120	0.392	ng	99
9) Naphthalene	10.65	128	51124	0.412	ng	99
10) Hexachlorobutadiene	10.94	225	3260	0.404	ng	97
12) 2-Methylnaphthalene	12.28	142	8421	0.399	ng	96
16) Acenaphthylene	14.18	152	13492	0.368	ng	100
17) Acenaphthene	14.53	154	8676	0.401	ng	99
18) Fluorene	15.49	166	12377	0.396	ng	99
20) 4-Bromophenyl-phenylether	16.38	248	4920	0.378	ng	# 84
21) Hexachlorobenzene	16.49	284	5088	0.411	ng	98
22) Pentachlorophenol	16.84	266	1479	0.288	ng	94
23) Phenanthrene	17.23	178	23837	0.402	ng	100
24) Anthracene	17.32	178	20743	0.371	ng	100
26) Fluoranthene	19.25	202	33274	0.380	ng	99
28) Pyrene	19.61	202	33969	0.399	ng	100
30) Benzo(a)anthracene	21.34	228	38981	0.384	ng	99
31) Chrysene	21.40	228	40366	0.405	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	36219	0.280	ng	99
33) Indeno(1,2,3-cd)pyrene	26.50	276	45913	0.403	ng	98
35) Benzo(b)fluoranthene	23.09	252	40955	0.403	ng	99
36) Benzo(k)fluoranthene	23.14	252	40280	0.407	ng	99
37) Benzo(a)pyrene	23.75	252	36830	0.386	ng	98
38) Dibenzo(a,h)anthracene	26.52	278	38075	0.401	ng	99
39) Benzo(g,h,i)perylene	27.31	276	37858	0.400	ng	99

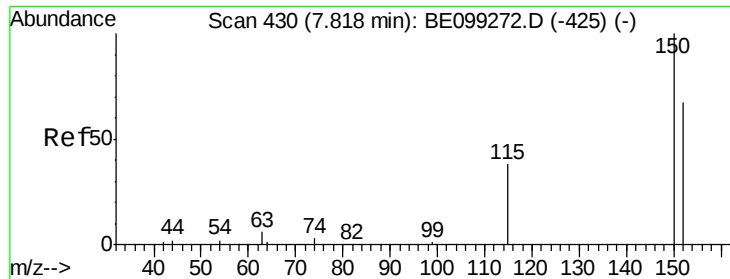
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 02 17:16:42 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

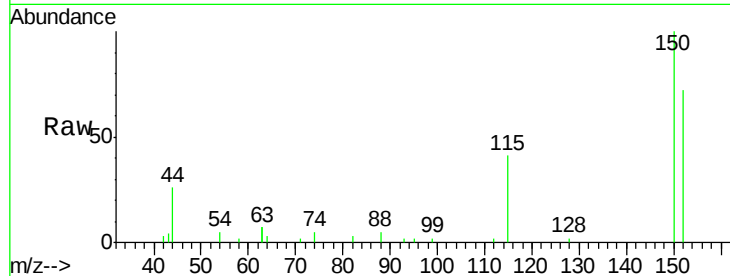
Tgt Ion:152 Resp: 3211

Ion Ratio Lower Upper

152 100

150 138.9 112.8 169.2

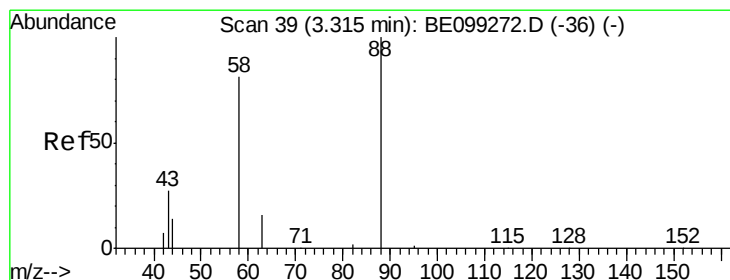
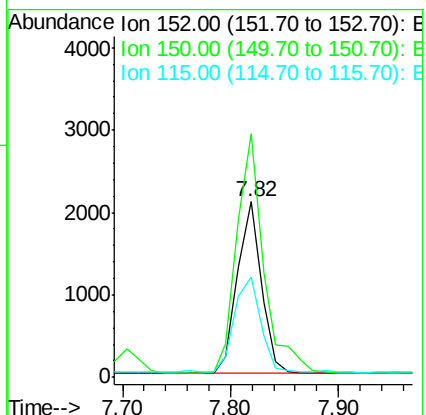
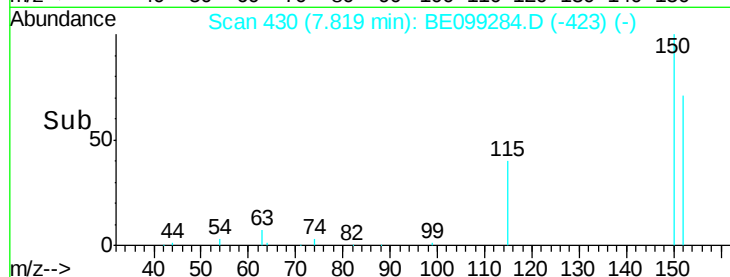
115 56.9 45.1 67.7



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: 0.415 ng

RT: 3.32 min Scan# 39

Delta R.T. -0.02 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

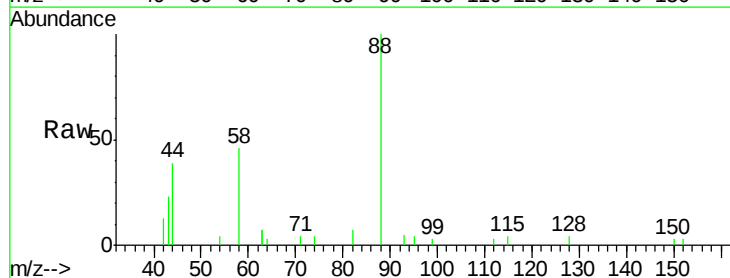
Tgt Ion: 88 Resp: 1817

Ion Ratio Lower Upper

88 100

58 54.8 47.4 71.0

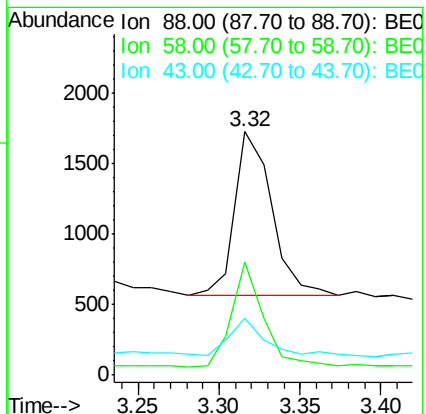
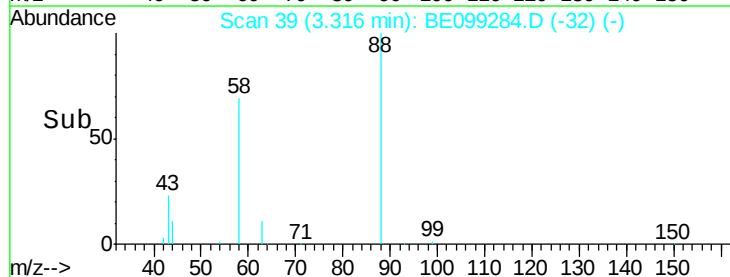
43 20.9 15.6 23.4

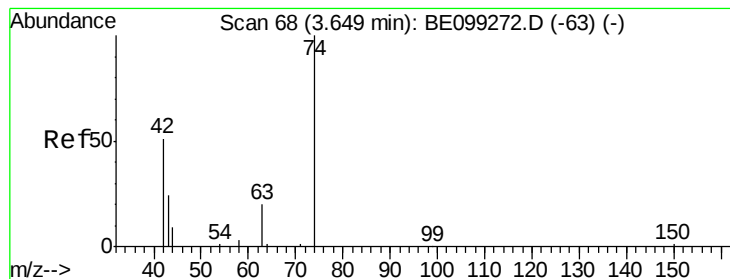


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



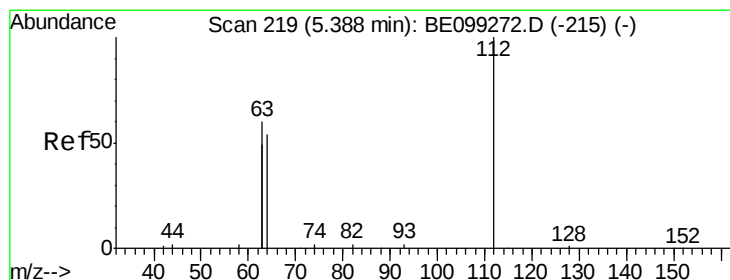
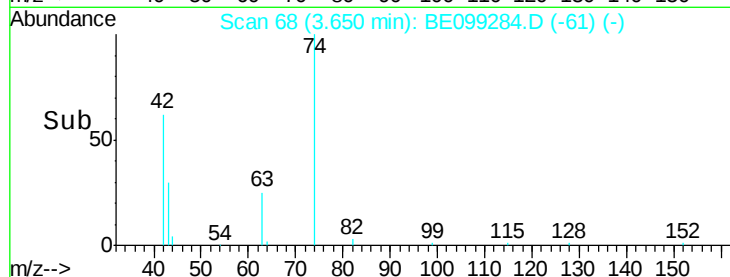
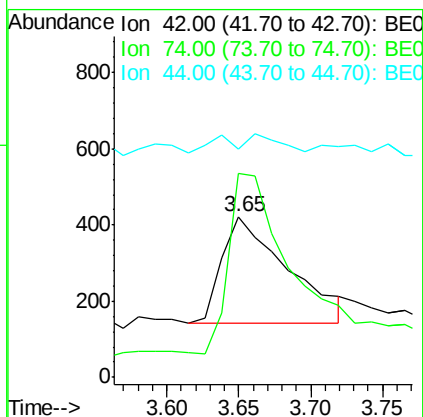
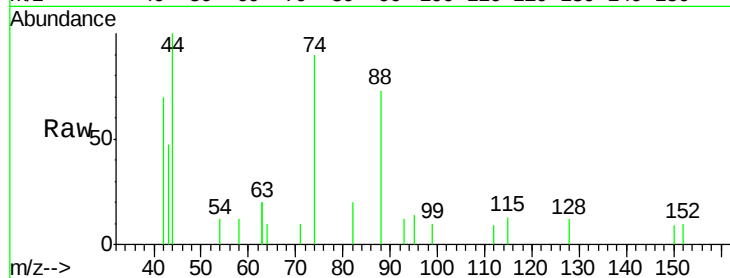


#3

n-Nitrosodimethylamine
 Concen: 0.340 ng
 RT: 3.65 min Scan# 68
 Delta R.T. -0.02 min
 Lab File: BE099284.D
 Acq: 2 Apr 2019 21:21

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

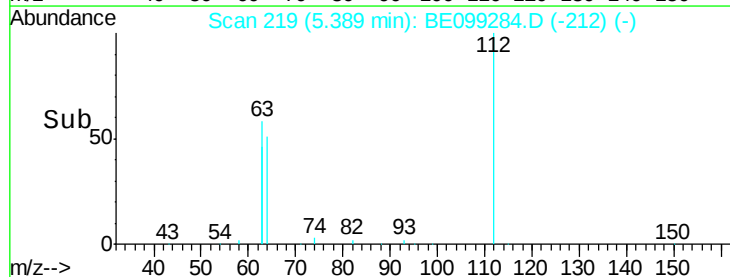
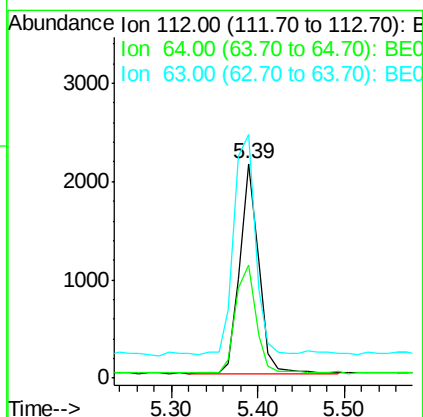
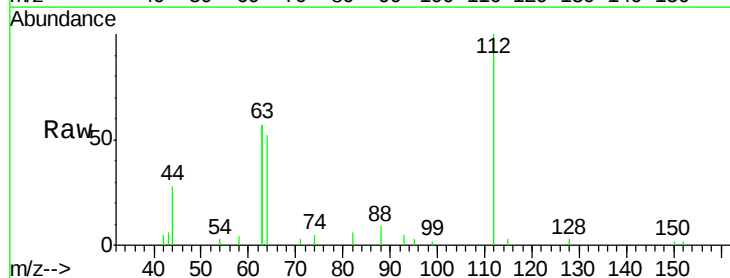
Tgt Ion: 42 Resp: 878
 Ion Ratio Lower Upper
 42 100
 74 159.2 138.6 207.8
 44 7.7 15.0 22.6#

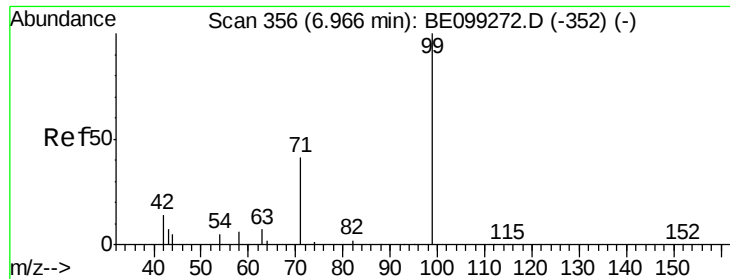


#4

2-Fluorophenol
 Concen: 0.380 ng
 RT: 5.39 min Scan# 219
 Delta R.T. -0.02 min
 Lab File: BE099284.D
 Acq: 2 Apr 2019 21:21

Tgt Ion: 112 Resp: 3239
 Ion Ratio Lower Upper
 112 100
 64 56.0 46.2 69.2
 63 119.6 89.9 134.9





#5

Phenol-d6

Concen: 0.383 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.02 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

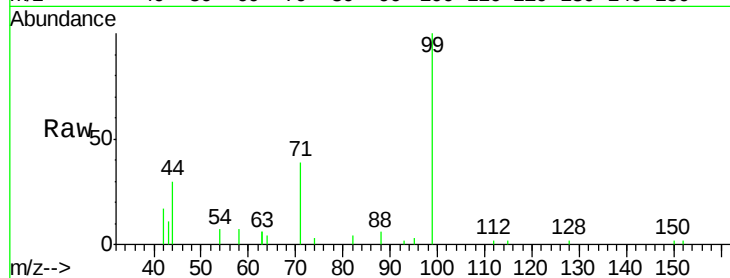
Tgt Ion: 99 Resp: 4493

Ion Ratio Lower Upper

99 100

42 14.0 12.4 18.6

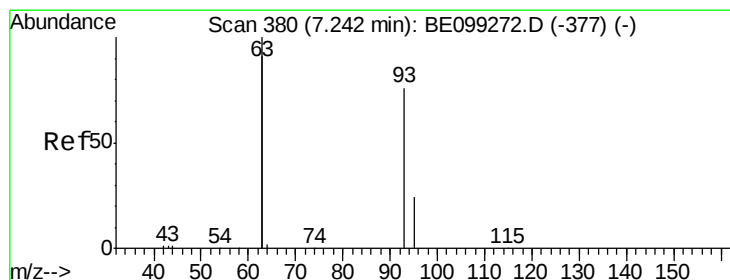
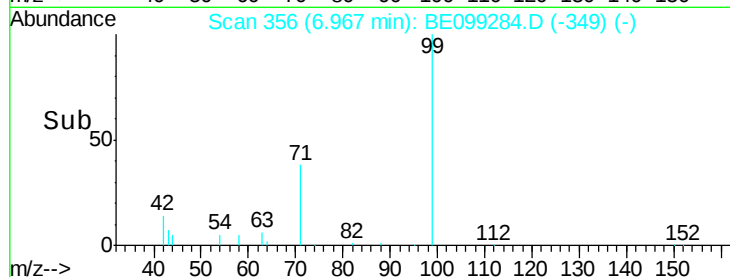
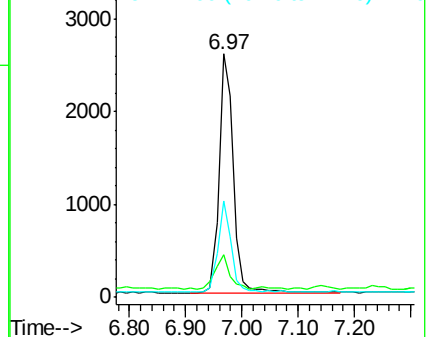
71 34.1 28.4 42.6



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: 0.392 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.02 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

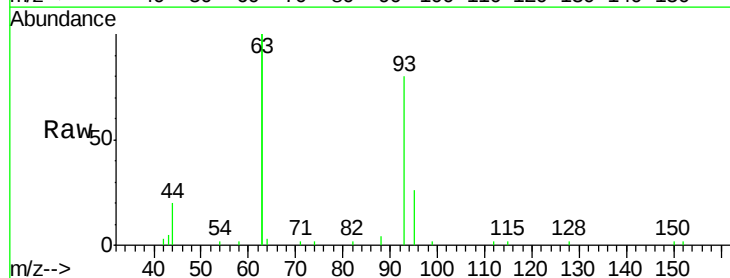
Tgt Ion: 93 Resp: 4120

Ion Ratio Lower Upper

93 100

63 275.5 221.4 332.0

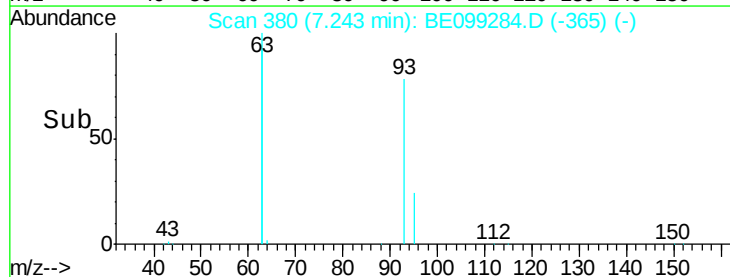
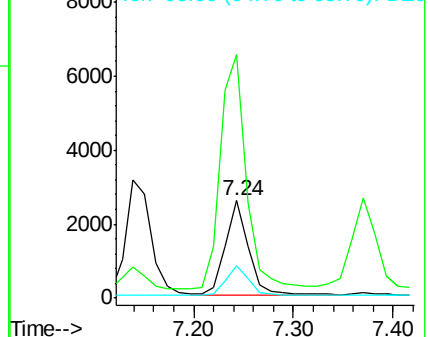
95 31.1 25.8 38.8

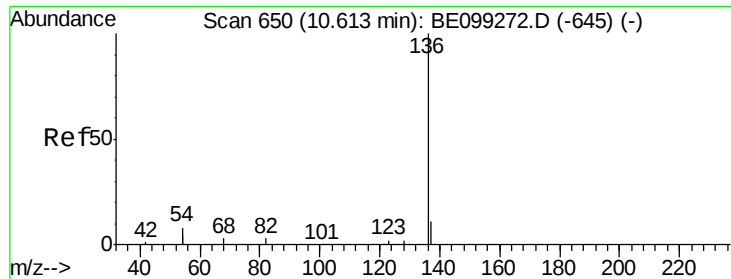


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 11413

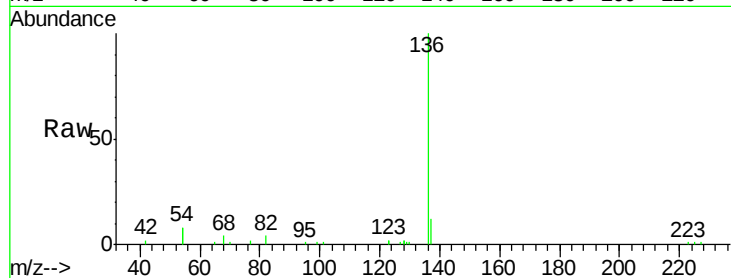
Ion Ratio Lower Upper

136 100

137 12.1 8.7 13.1

54 15.7 18.7 28.1#

68 4.0 5.2 7.8#

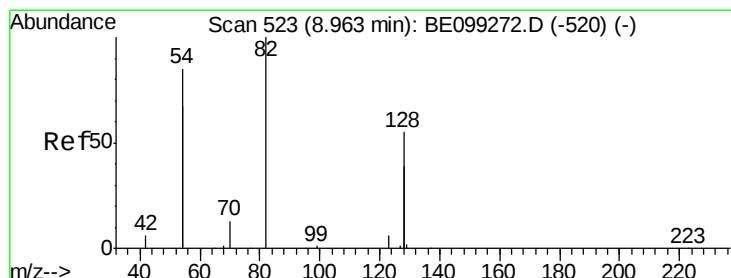
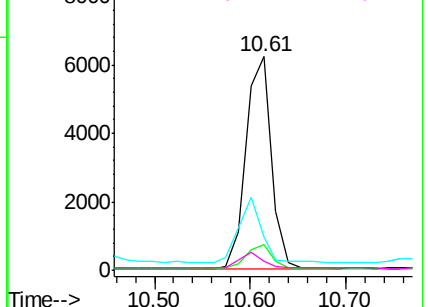
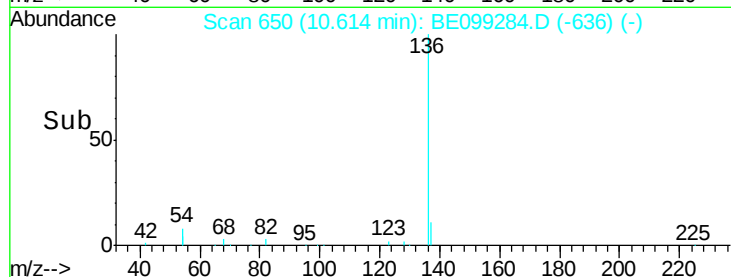


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.417 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

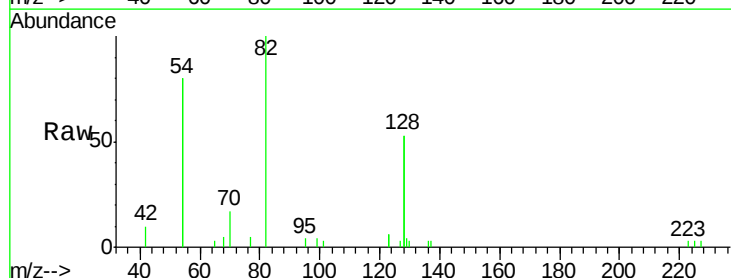
Tgt Ion: 82 Resp: 3265

Ion Ratio Lower Upper

82 100

128 105.8 107.5 161.3#

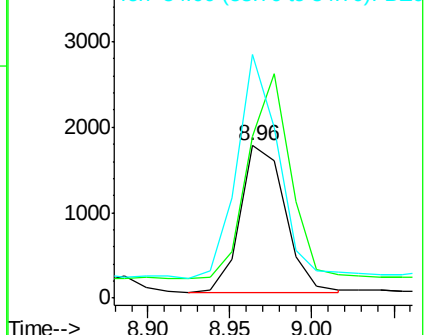
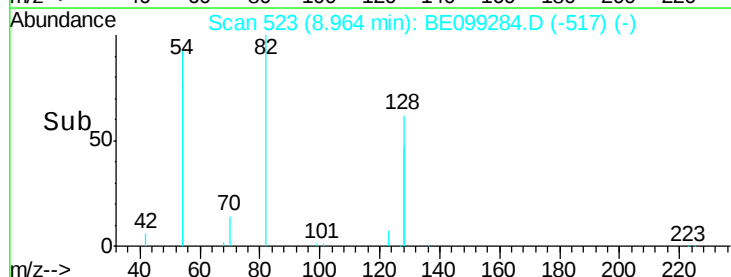
54 159.5 106.3 159.5#

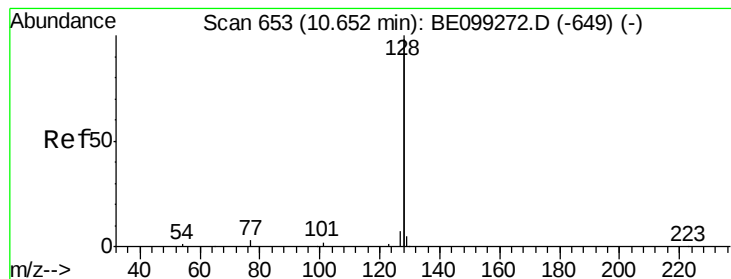


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.412 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

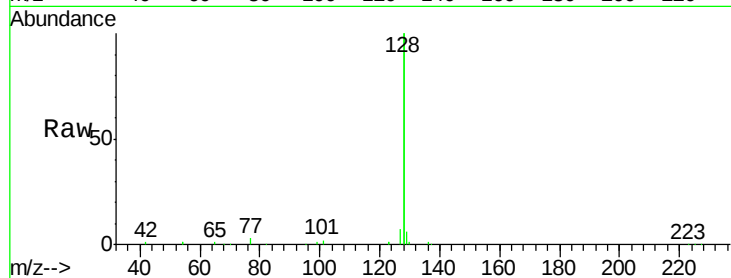
Tgt Ion:128 Resp: 51124

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

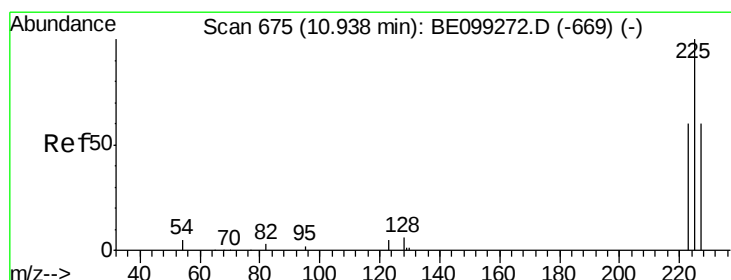
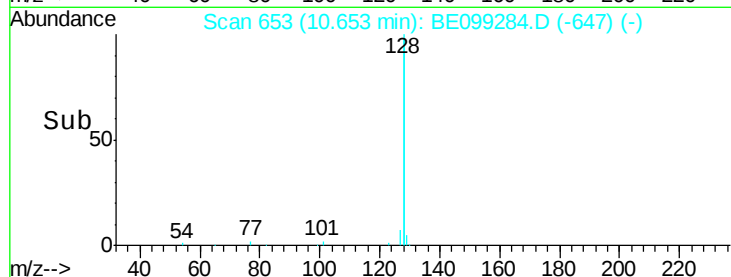
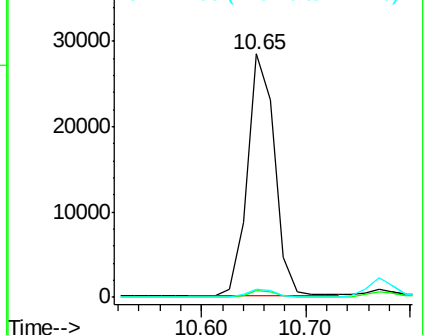
127 3.5 2.6 3.8



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: 0.404 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

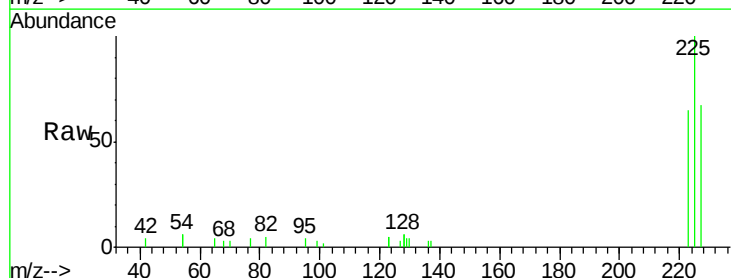
Tgt Ion:225 Resp: 3260

Ion Ratio Lower Upper

225 100

223 64.2 51.3 76.9

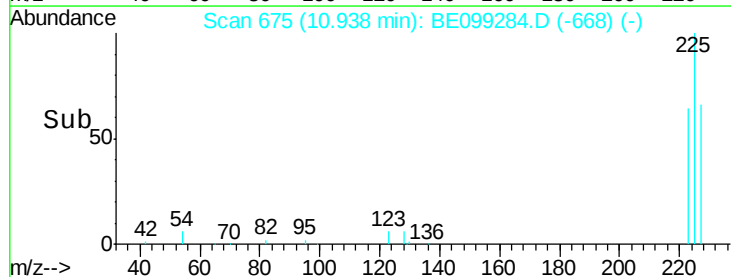
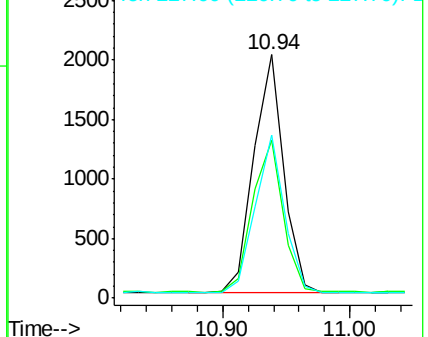
227 65.1 48.6 73.0

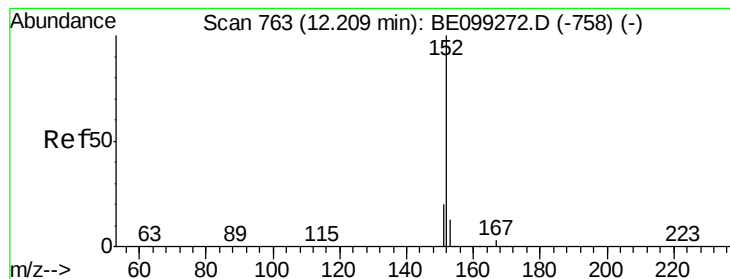


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.397 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

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ClientSampleId :

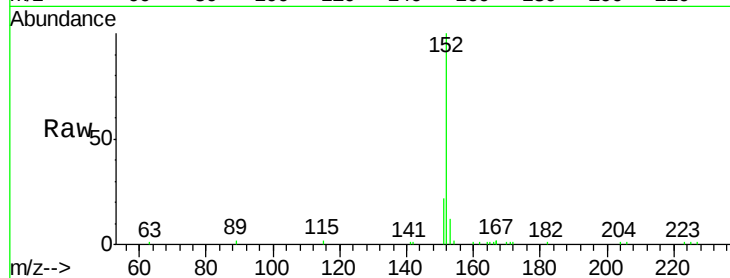
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7910

Ion Ratio Lower Upper

152 100

151 20.9 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.21

5000

4000

3000

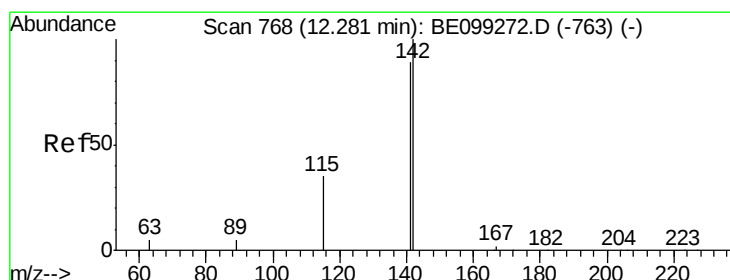
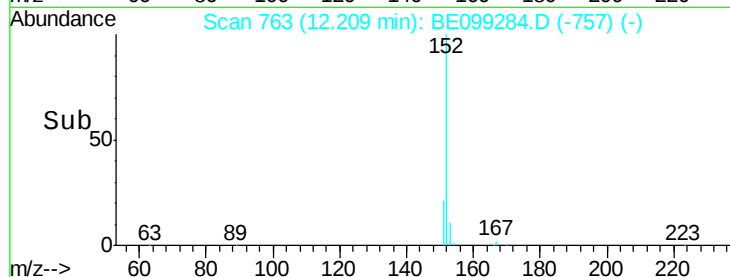
2000

1000

0

Time-->

12.10 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.399 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.01 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

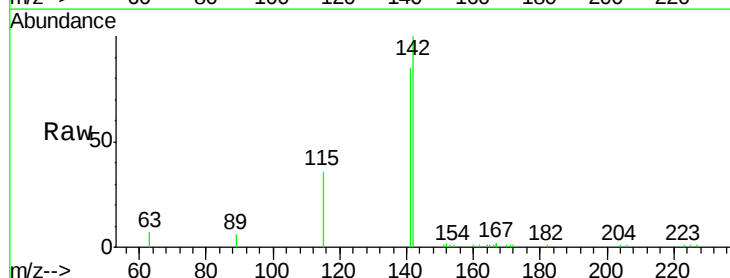
Tgt Ion:142 Resp: 8421

Ion Ratio Lower Upper

142 100

141 84.6 71.3 106.9

115 35.9 30.4 45.6



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

12.28

6000

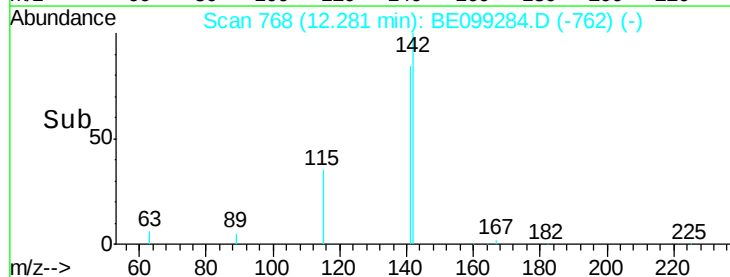
4000

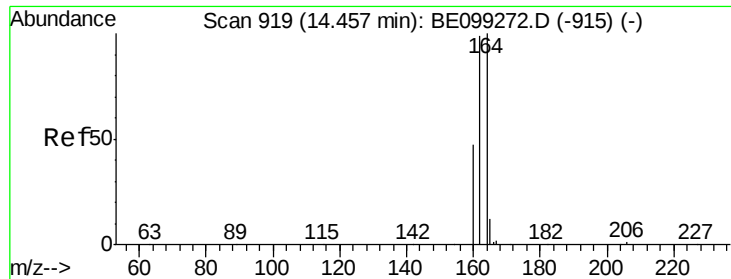
2000

0

Time-->

12.20 12.30

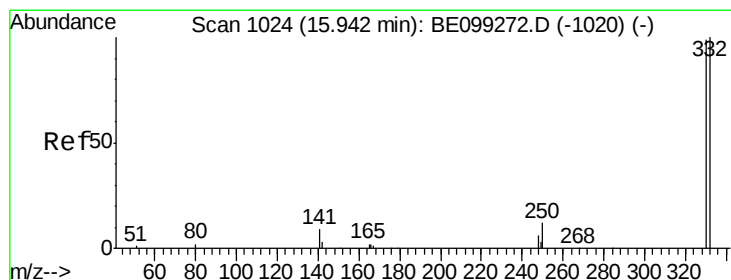
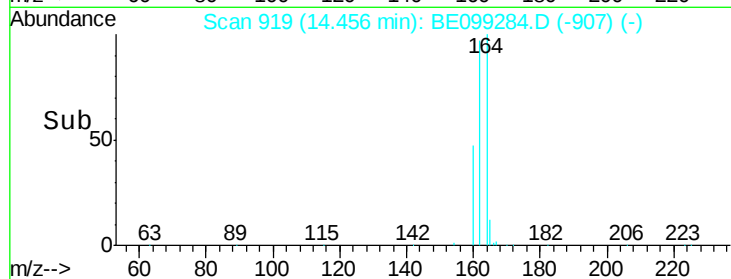
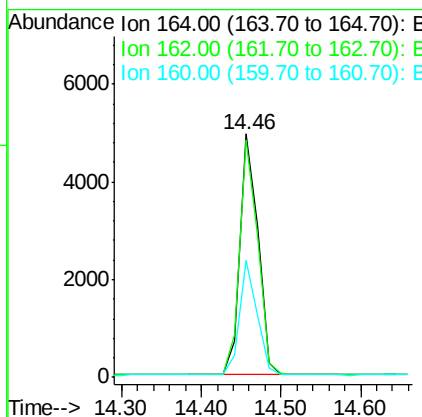
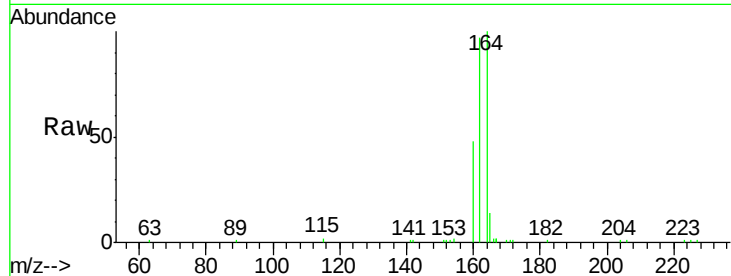




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099284.D
Acq: 2 Apr 2019 21:21

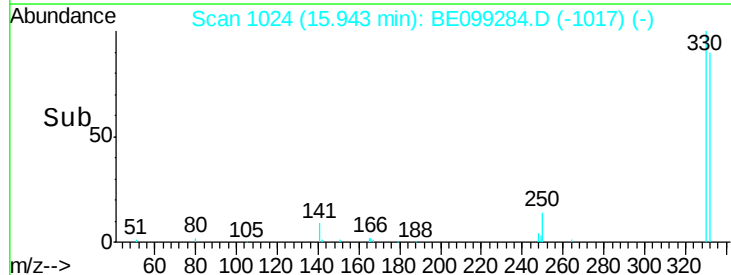
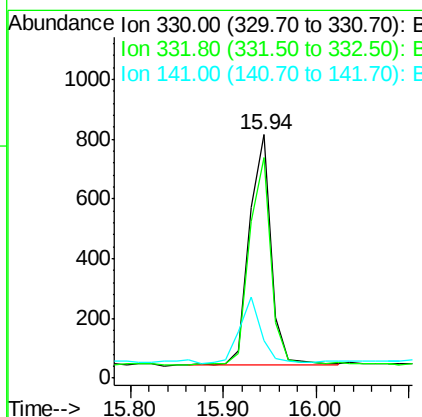
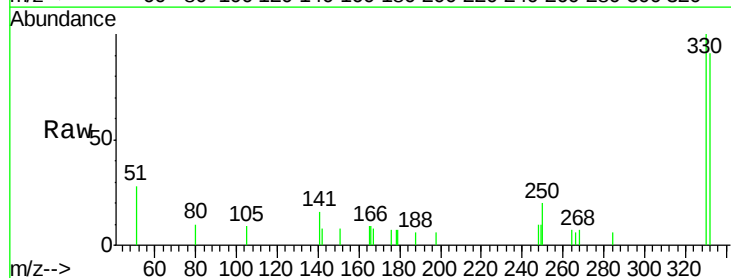
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

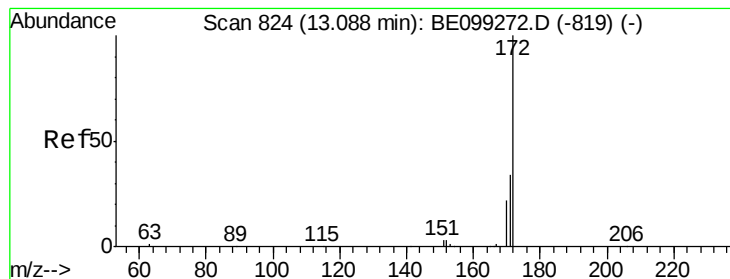
Tgt Ion:164 Resp: 7747
Ion Ratio Lower Upper
164 100
162 97.5 79.2 118.8
160 47.9 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099284.D
Acq: 2 Apr 2019 21:21

Tgt Ion:330 Resp: 1249
Ion Ratio Lower Upper
330 100
332 90.1 71.3 106.9
141 28.0 21.7 32.5





#15

2-Fluorobiphenyl

Concen: 0.425 ng

RT: 13.09 min Scan# 824

Delta R.T. -0.01 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

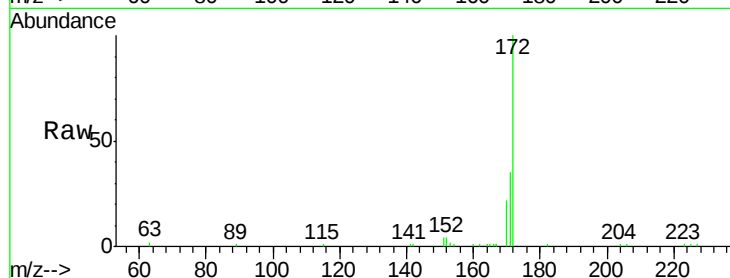
Tgt Ion:172 Resp: 12937

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.0

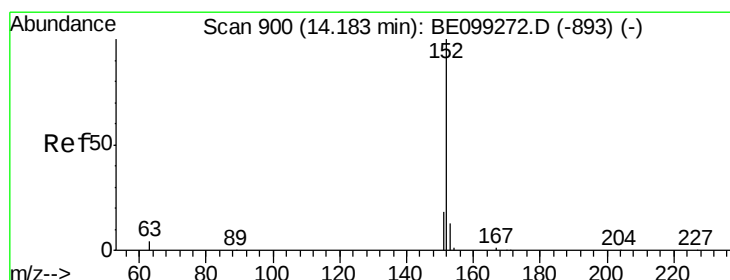
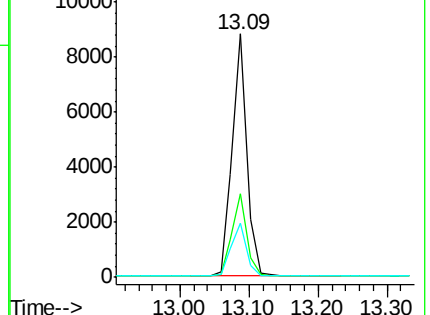
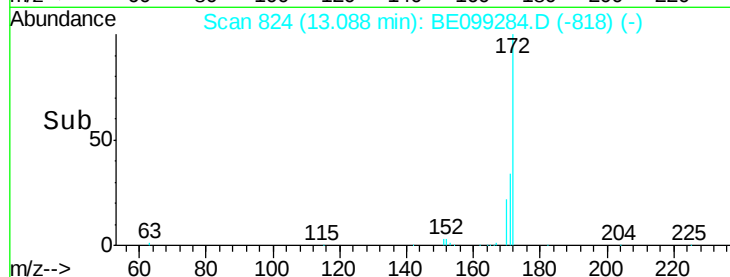
170 22.2 19.1 28.7



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: 0.368 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.01 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

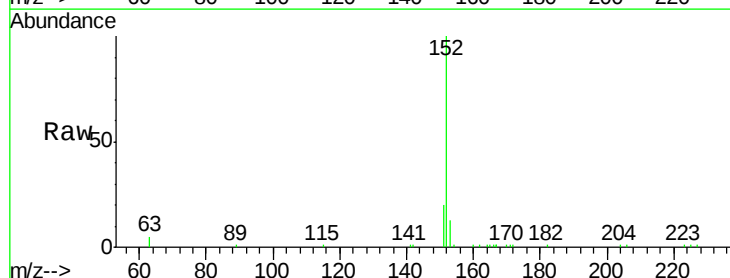
Tgt Ion:152 Resp: 13492

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

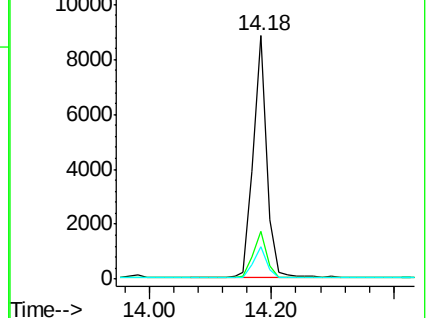
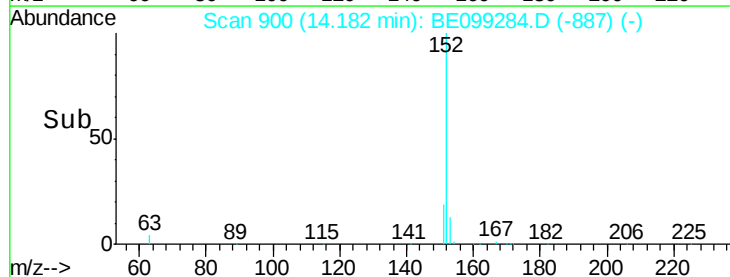
153 13.0 10.6 15.8

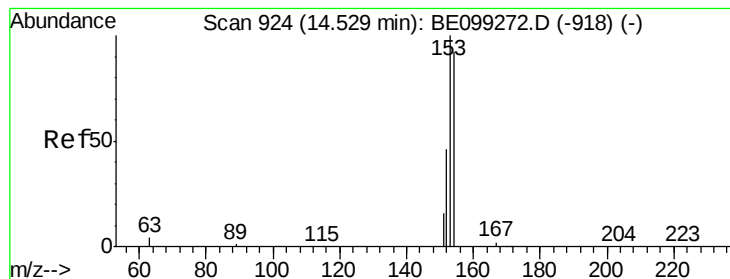


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.401 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.01 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

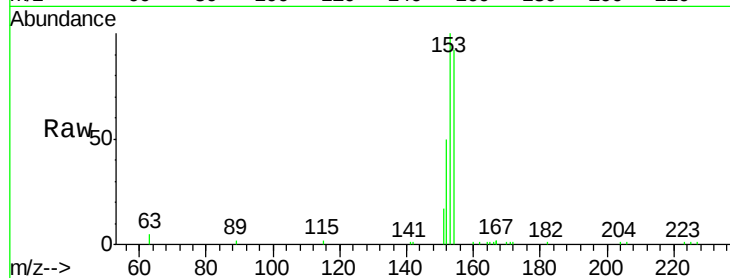
Tgt Ion:154 Resp: 8676

Ion Ratio Lower Upper

154 100

153 115.5 93.4 140.0

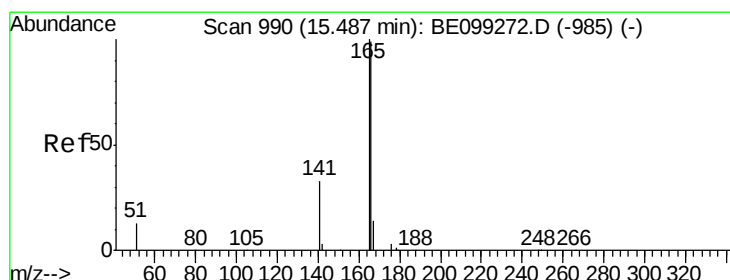
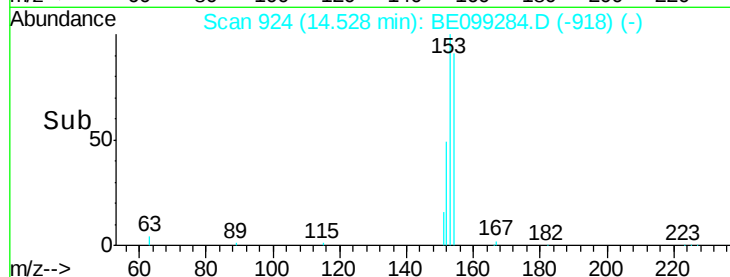
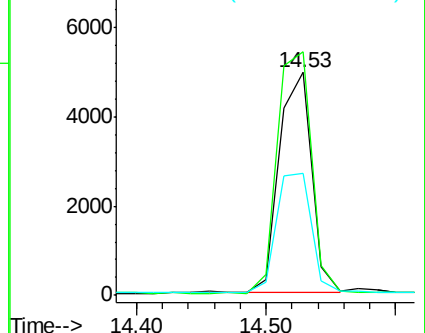
152 57.7 46.6 69.8



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: 0.396 ng

RT: 15.49 min Scan# 990

Delta R.T. -0.03 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

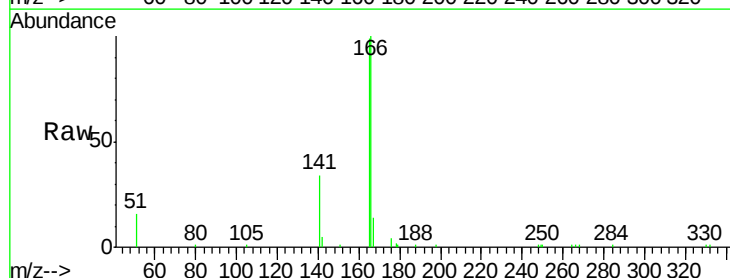
Tgt Ion:166 Resp: 12377

Ion Ratio Lower Upper

166 100

165 97.3 78.9 118.3

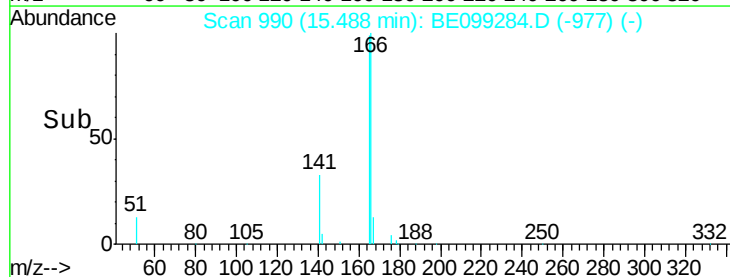
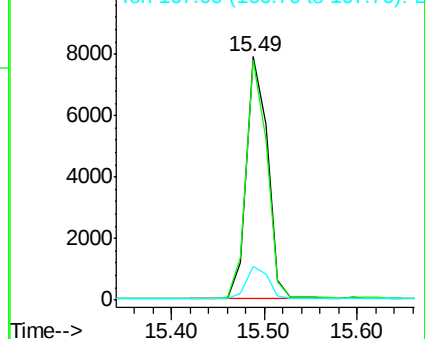
167 14.1 10.9 16.3

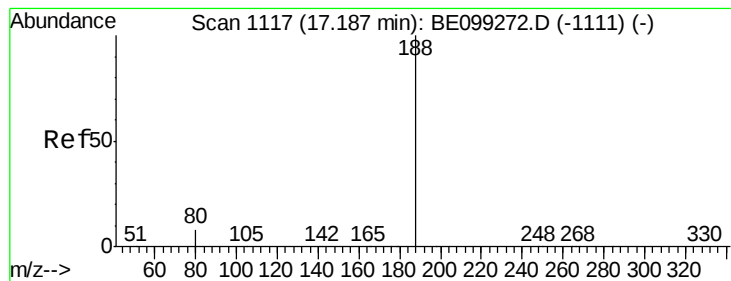


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

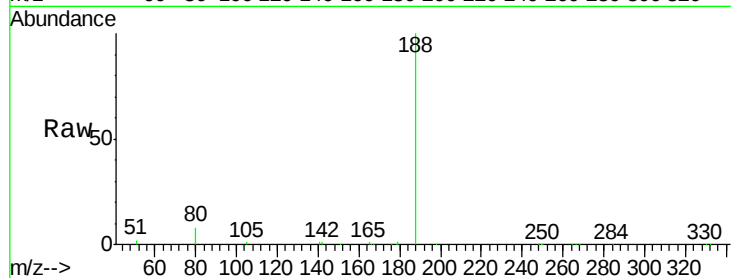
Tgt Ion:188 Resp: 22908

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

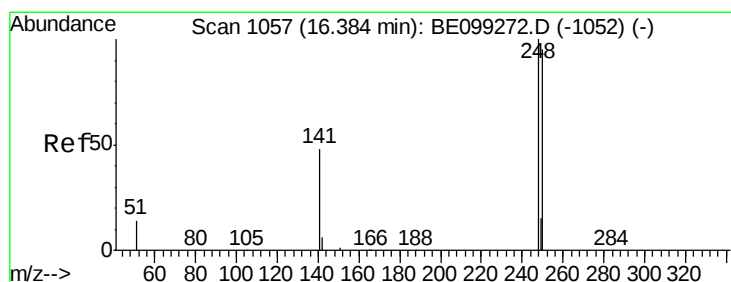
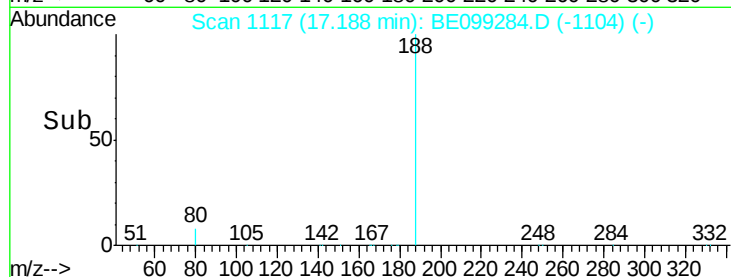
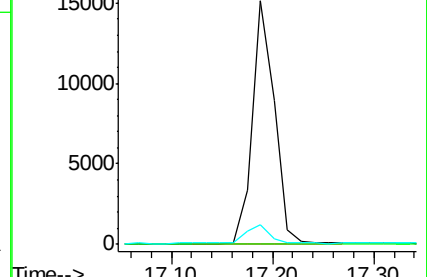
80 8.1 4.5 6.7#



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: 0.378 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

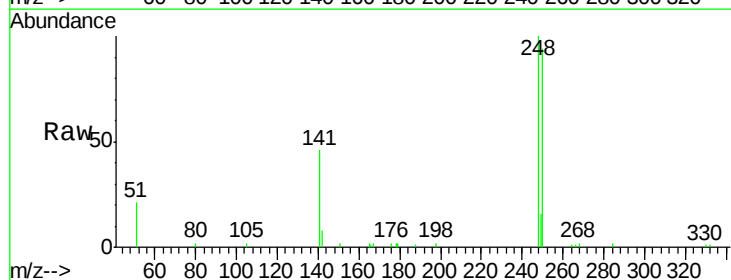
Tgt Ion:248 Resp: 4920

Ion Ratio Lower Upper

248 100

250 94.0 84.2 126.2

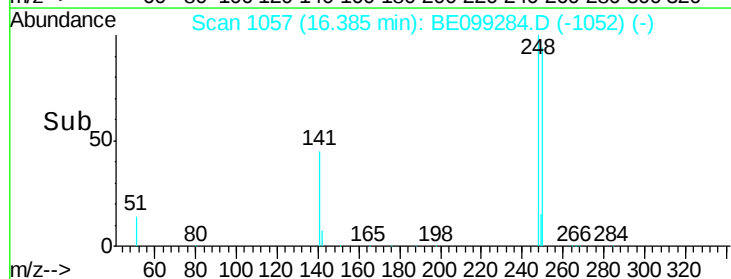
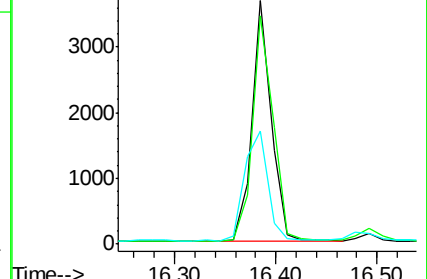
141 46.4 21.8 32.6#

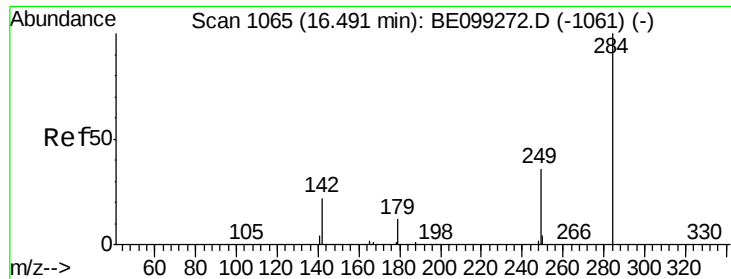


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

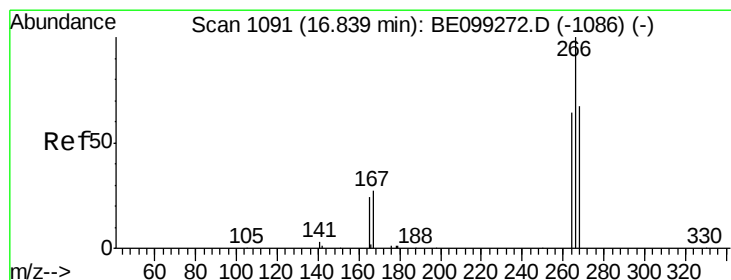
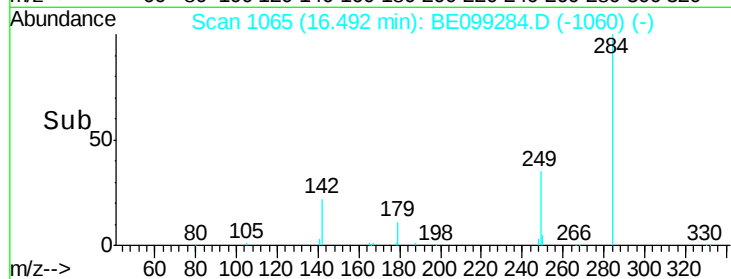
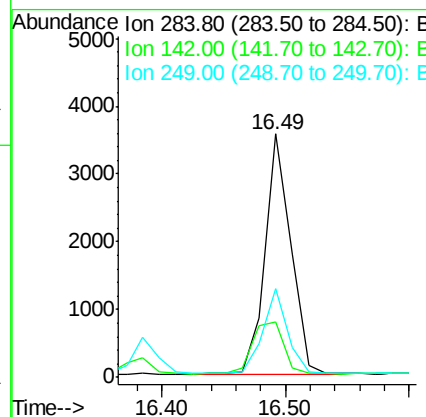
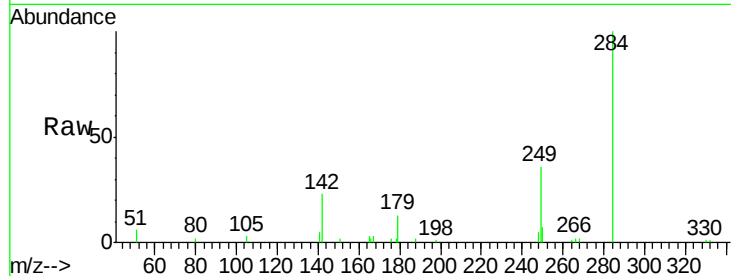




#21
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099284.D
Acq: 2 Apr 2019 21:21

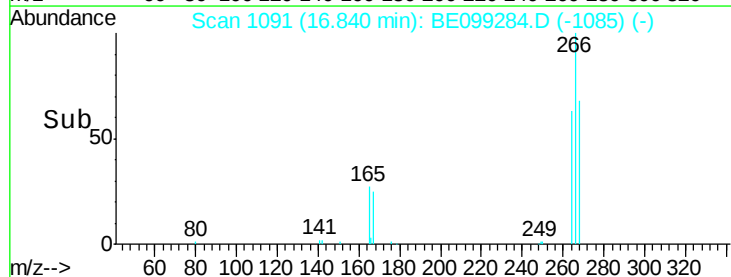
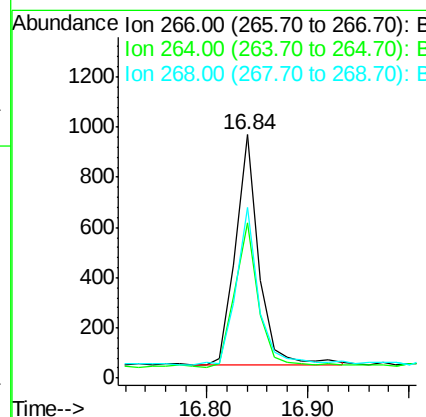
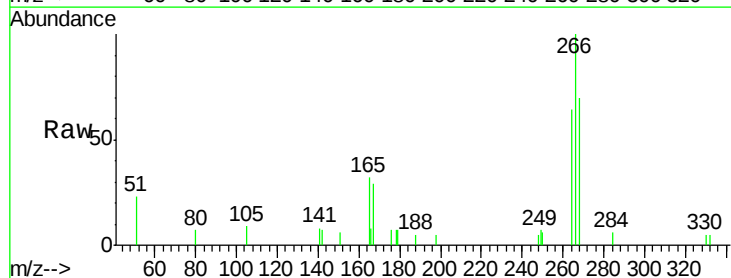
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

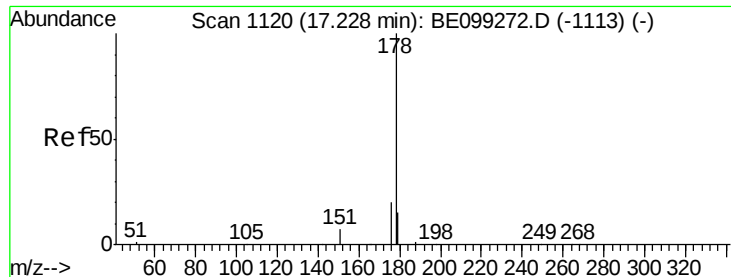
Tgt Ion: 284 Resp: 5088
Ion Ratio Lower Upper
284 100
142 26.3 22.7 34.1
249 33.1 26.9 40.3



#22
Pentachlorophenol
Concen: 0.288 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE099284.D
Acq: 2 Apr 2019 21:21

Tgt Ion: 266 Resp: 1479
Ion Ratio Lower Upper
266 100
264 63.8 54.4 81.6
268 70.0 61.3 91.9





#23

Phenanthrene

Concen: 0.402 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

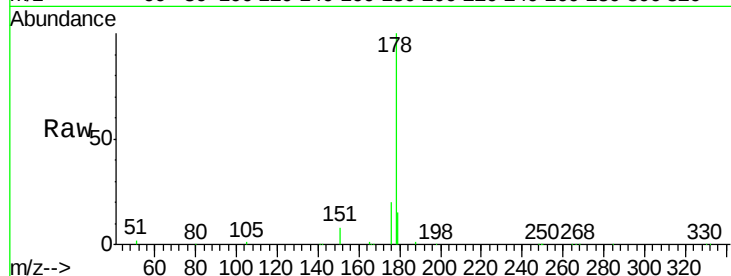
Tgt Ion:178 Resp: 23837

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

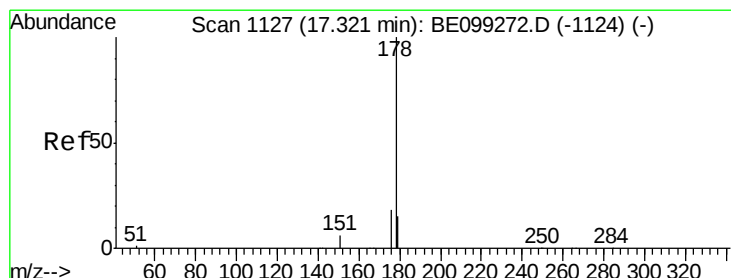
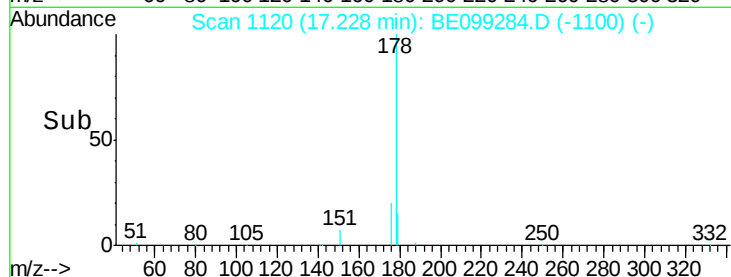
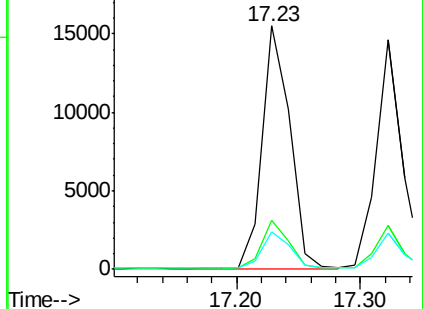
179 15.2 12.3 18.5



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: 0.371 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

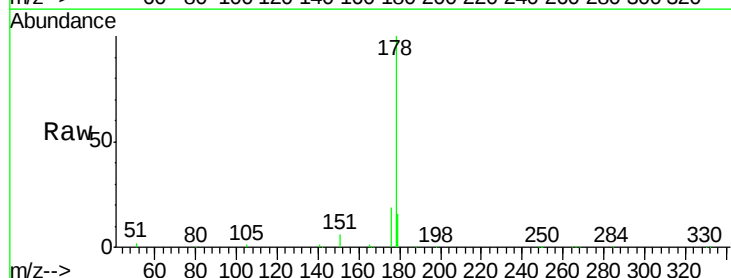
Tgt Ion:178 Resp: 20743

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

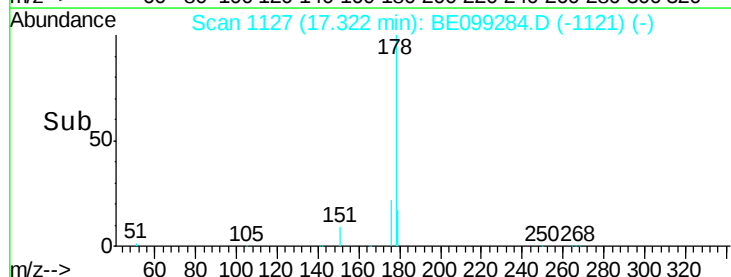
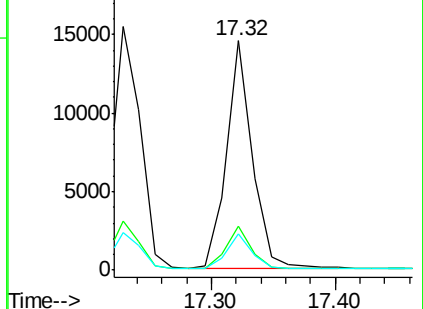
179 15.2 12.4 18.6

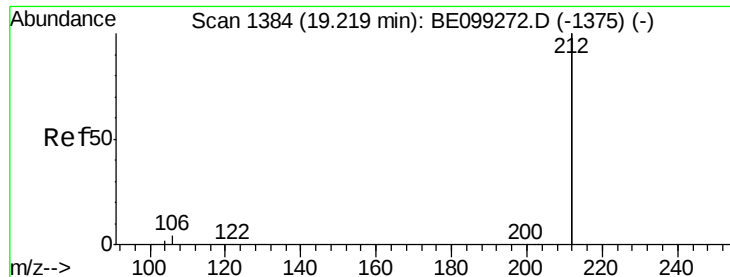


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

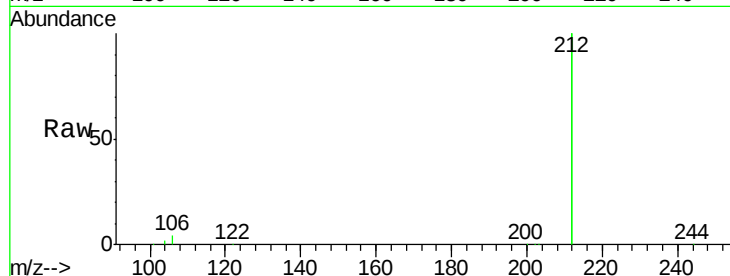
Tgt Ion:212 Resp: 114216

Ion Ratio Lower Upper

212 100

106 2.2 1.8 2.8

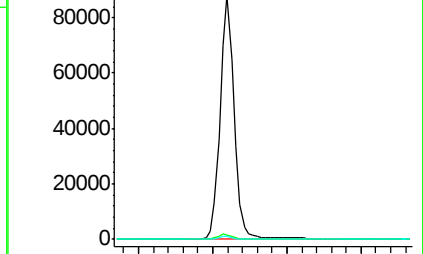
104 1.2 1.1 1.7



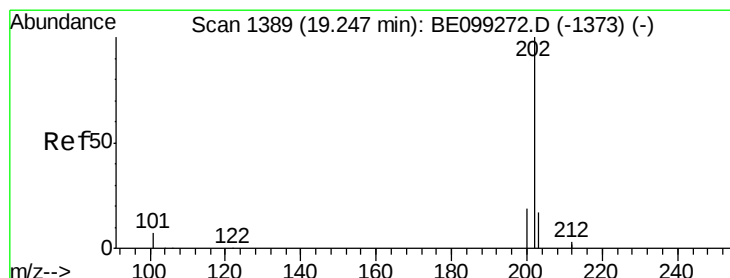
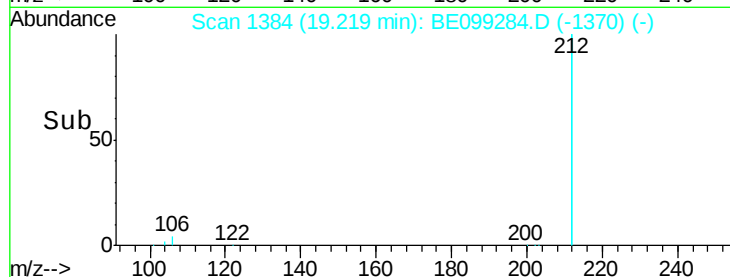
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#26

Fluoranthene

Concen: 0.380 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

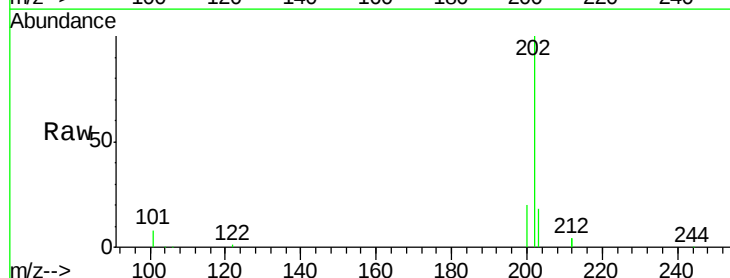
Tgt Ion:202 Resp: 33274

Ion Ratio Lower Upper

202 100

101 7.7 7.0 10.4

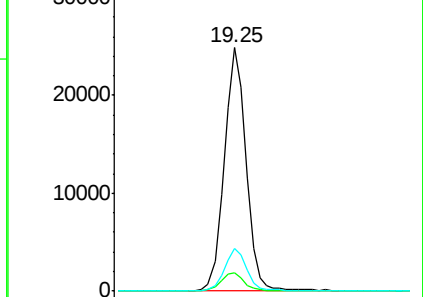
203 17.2 13.8 20.6



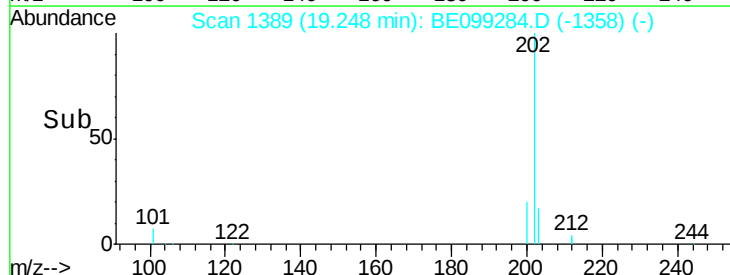
Abundance Ion 202.00 (201.70 to 202.70): E

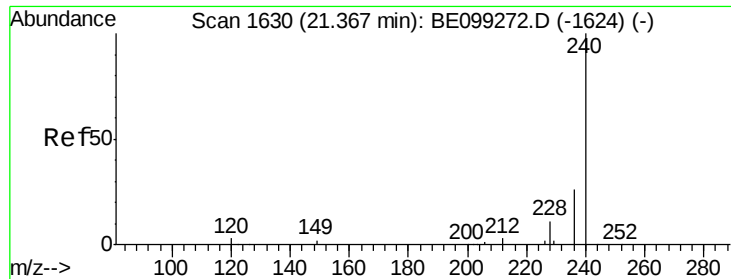
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->

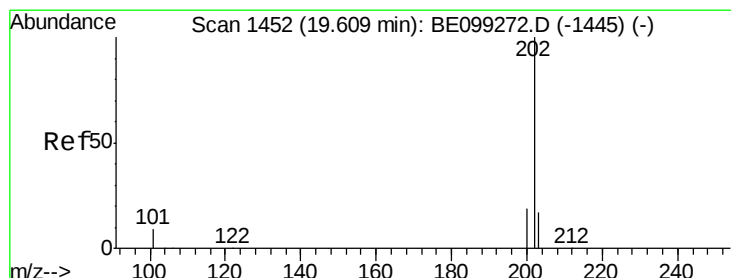
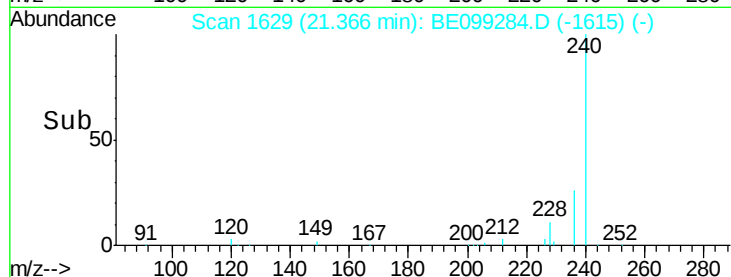
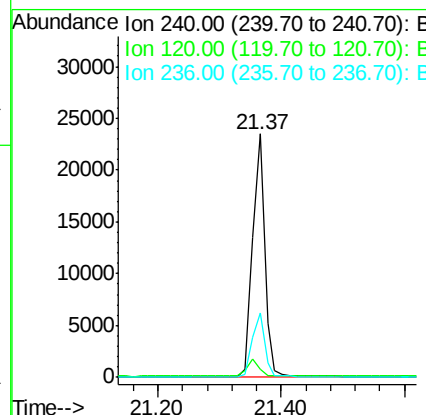
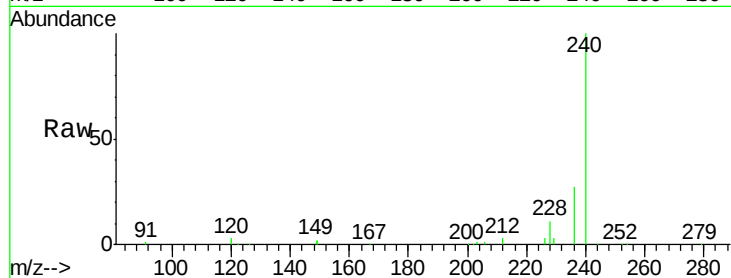




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1629
 Delta R.T. -0.02 min
 Lab File: BE099284.D
 Acq: 2 Apr 2019 21:21

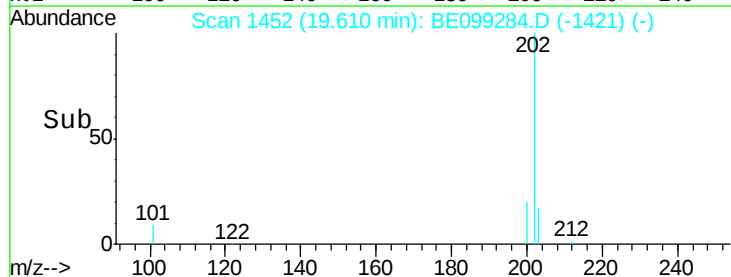
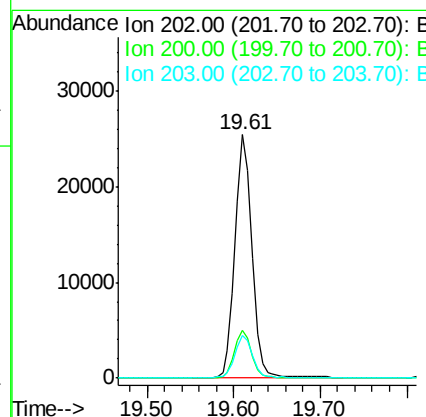
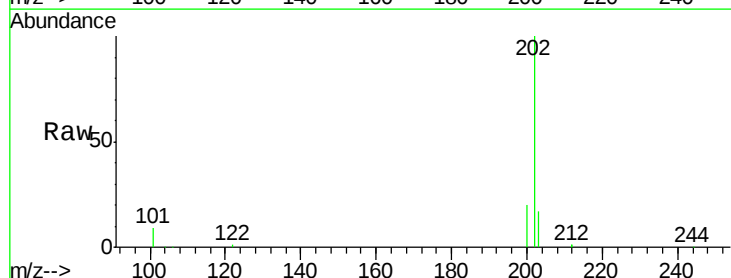
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

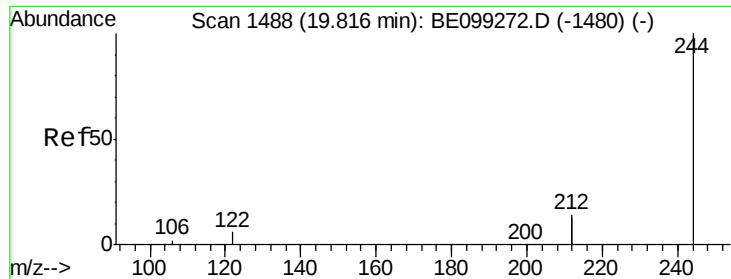
Tgt Ion:240 Resp: 32275
 Ion Ratio Lower Upper
 240 100
 120 3.5 2.6 3.8
 236 26.5 20.9 31.3



#28
 Pyrene
 Concen: 0.399 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BE099284.D
 Acq: 2 Apr 2019 21:21

Tgt Ion:202 Resp: 33969
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.8 23.8
 203 17.7 14.1 21.1





#29

Terphenyl-d14

Concen: 0.406 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

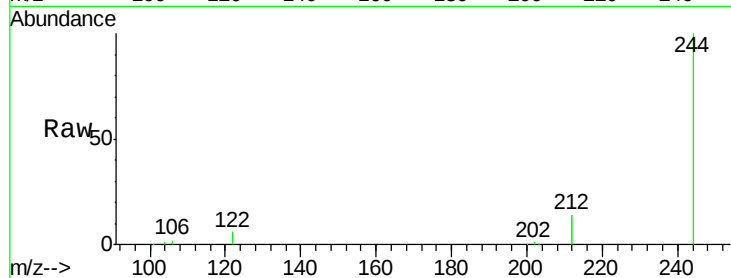
Tgt Ion:244 Resp: 23883

Ion Ratio Lower Upper

244 100

212 28.3 22.7 34.1

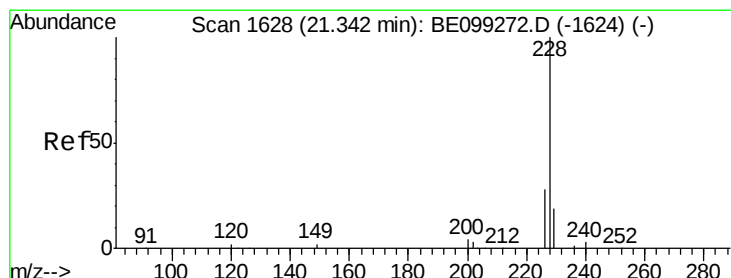
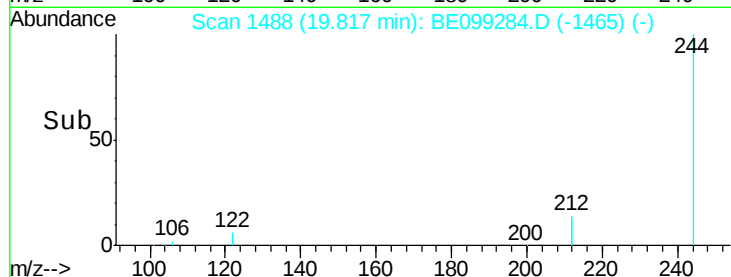
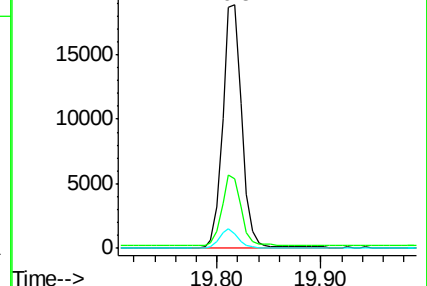
122 6.1 5.8 8.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.384 ng

RT: 21.34 min Scan# 1627

Delta R.T. -0.02 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

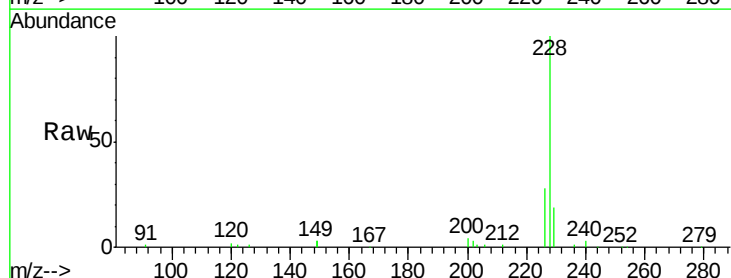
Tgt Ion:228 Resp: 38981

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

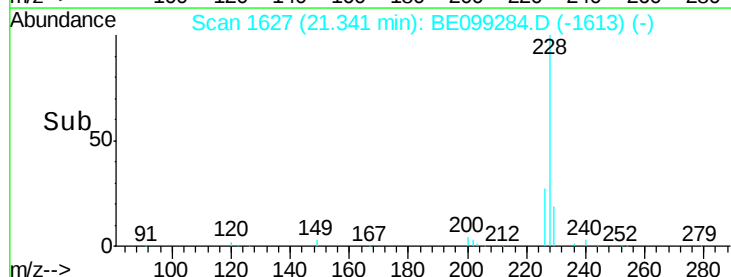
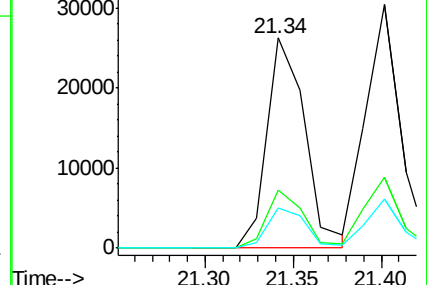
229 18.9 15.9 23.9

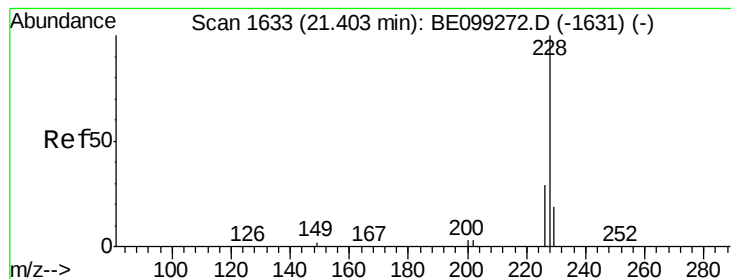


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.405 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

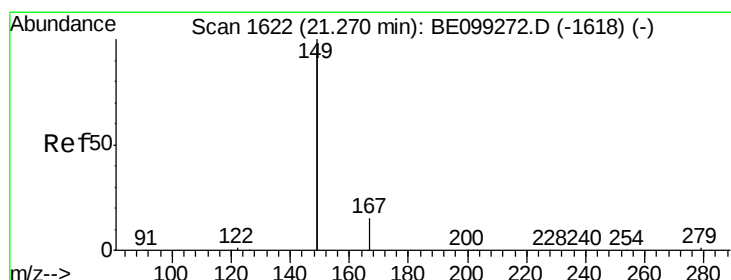
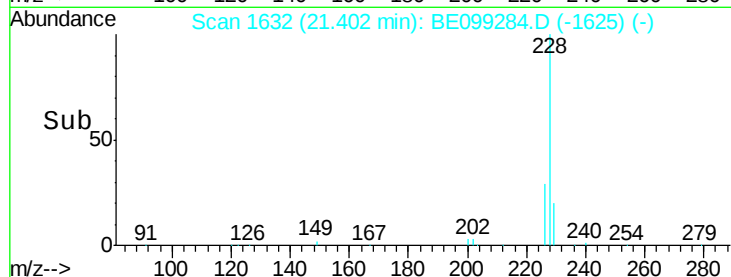
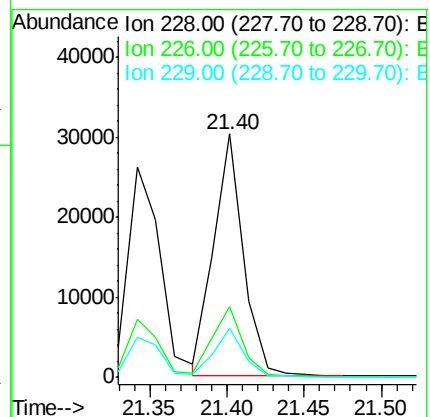
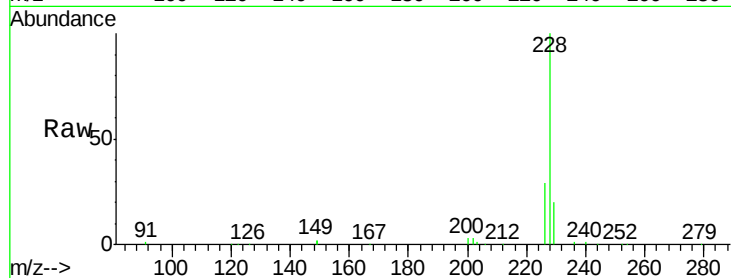
Tgt Ion:228 Resp: 40366

Ion Ratio Lower Upper

228 100

226 29.3 24.8 37.2

229 19.9 15.4 23.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.280 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.03 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

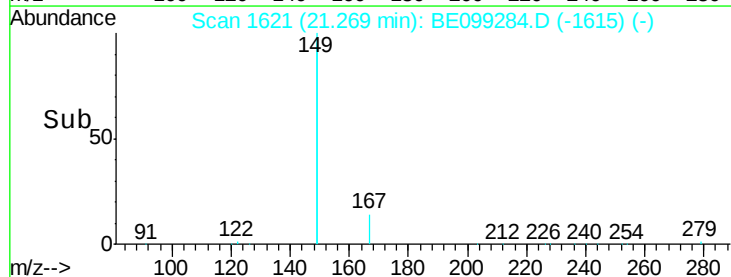
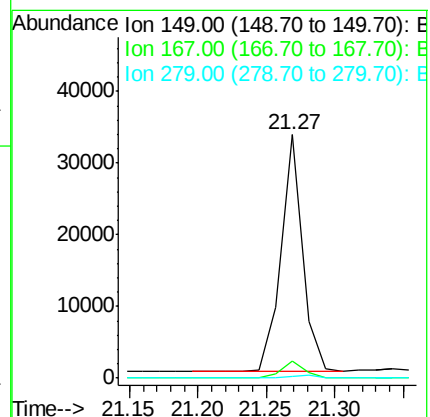
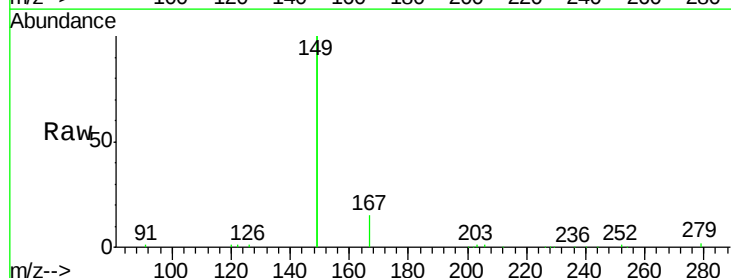
Tgt Ion:149 Resp: 36219

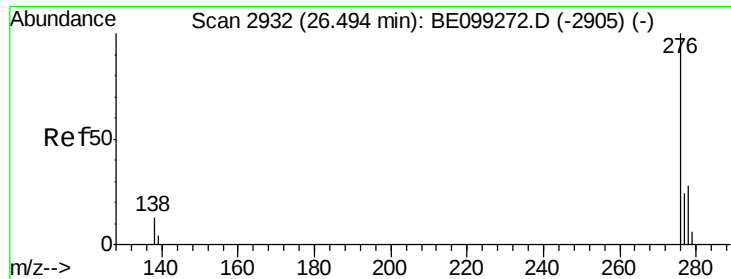
Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

279 1.4 1.0 1.6





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.403 ng

RT: 26.50 min Scan# 2932

Delta R.T. -0.06 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

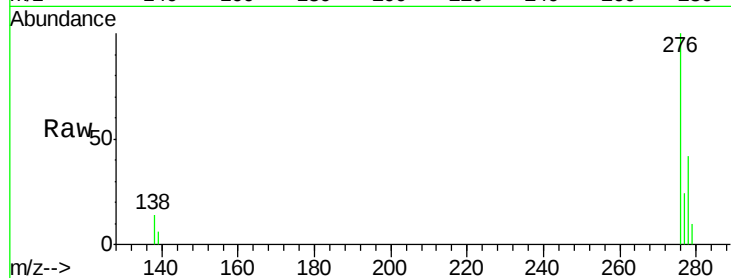
Tgt Ion:276 Resp: 45913

Ion Ratio Lower Upper

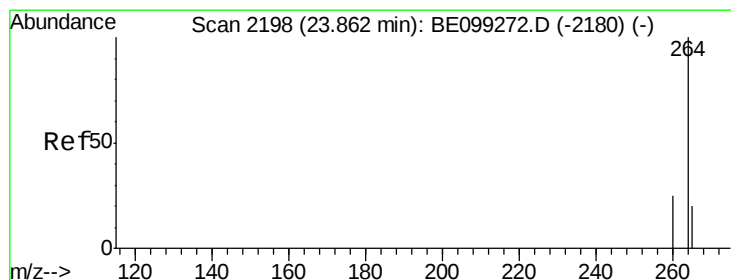
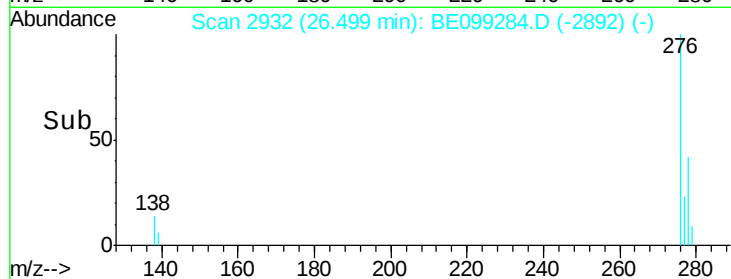
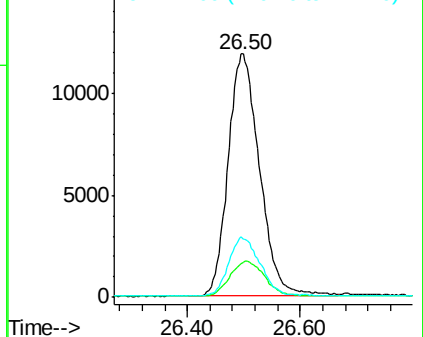
276 100

138 15.6 12.9 19.3

277 24.2 18.3 27.5



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. -0.03 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

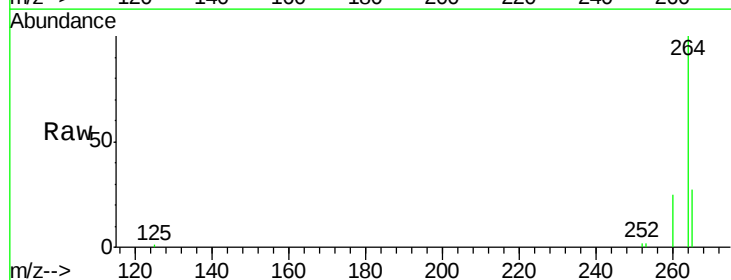
Tgt Ion:264 Resp: 34049

Ion Ratio Lower Upper

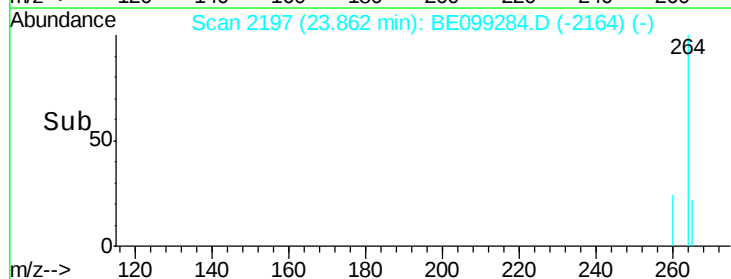
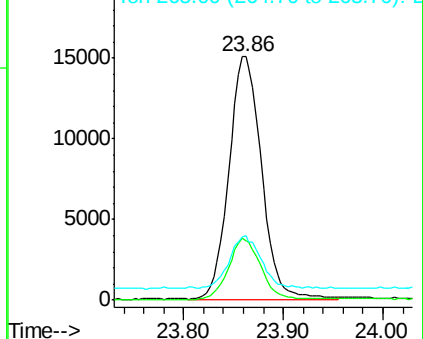
264 100

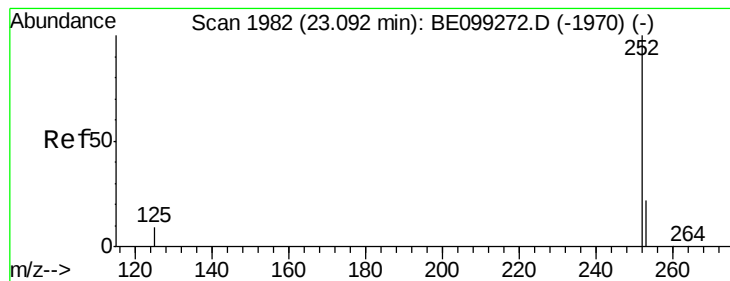
260 24.5 18.2 27.2

265 26.6 21.8 32.8



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: 0.403 ng

RT: 23.09 min Scan# 1980

Delta R.T. -0.03 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

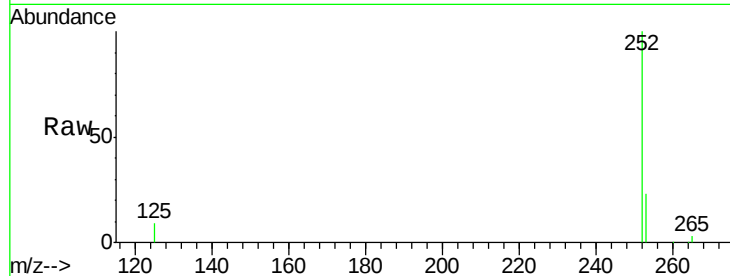
Tgt Ion:252 Resp: 40955

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

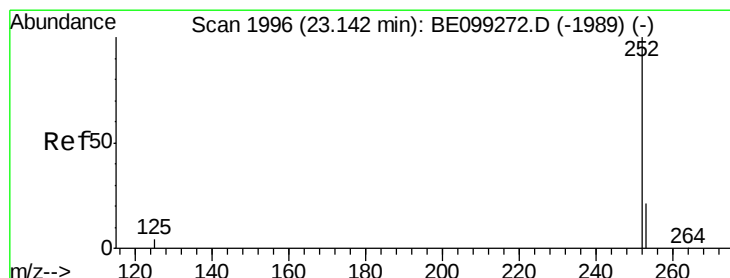
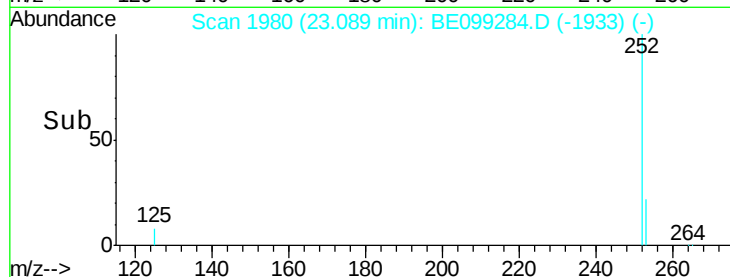
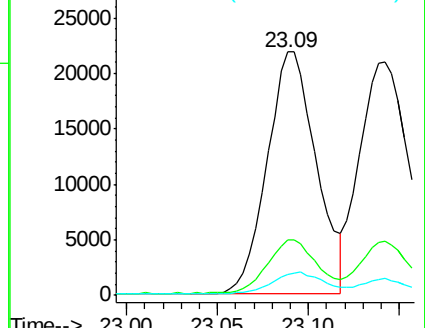
125 8.6 6.1 9.1



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: 0.407 ng

RT: 23.14 min Scan# 1995

Delta R.T. -0.03 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

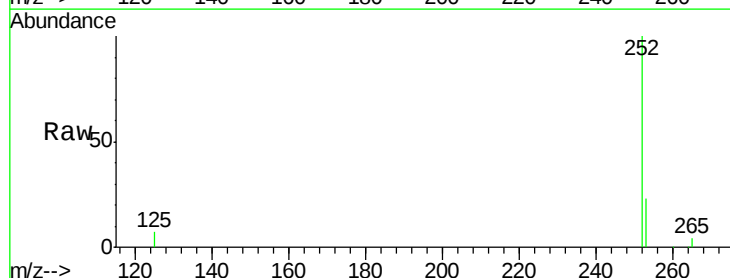
Tgt Ion:252 Resp: 40280

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

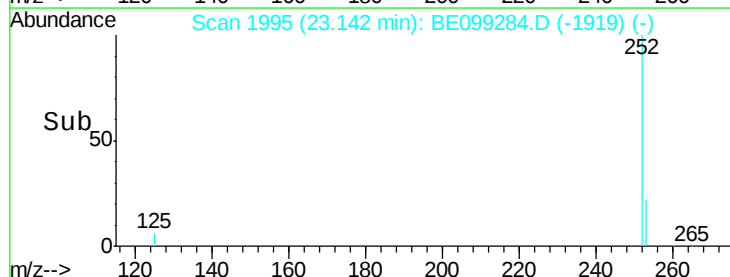
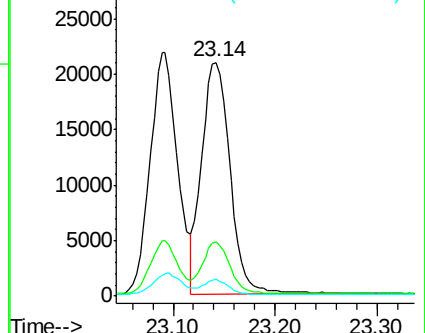
125 7.2 5.9 8.9

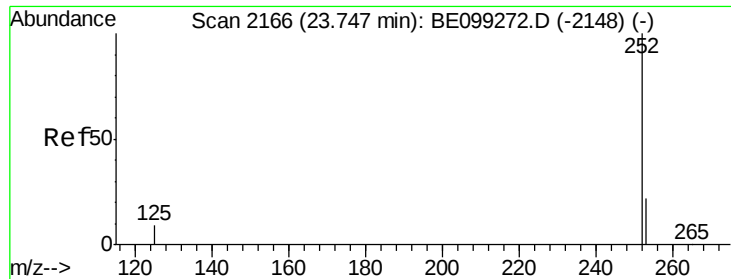


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.386 ng

RT: 23.75 min Scan# 2165

Delta R.T. -0.03 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

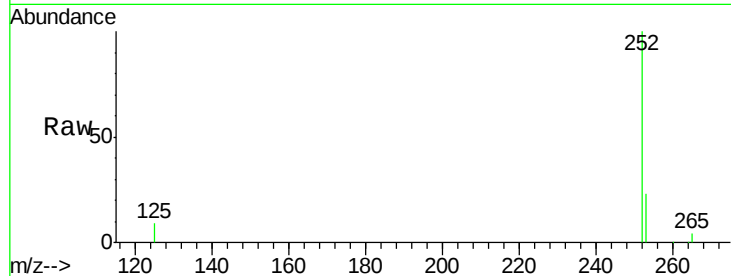
Tgt Ion:252 Resp: 36830

Ion Ratio Lower Upper

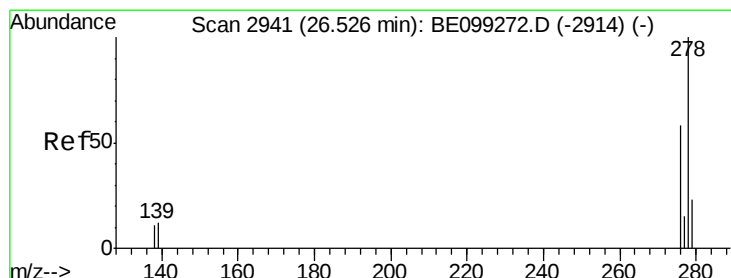
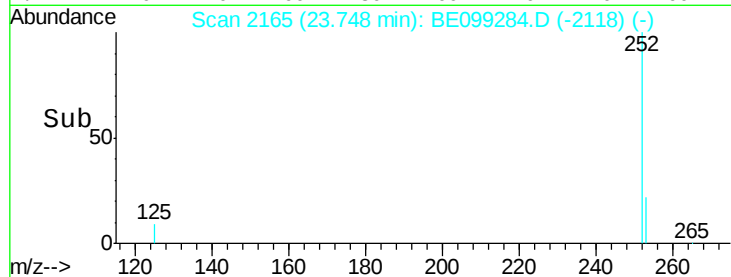
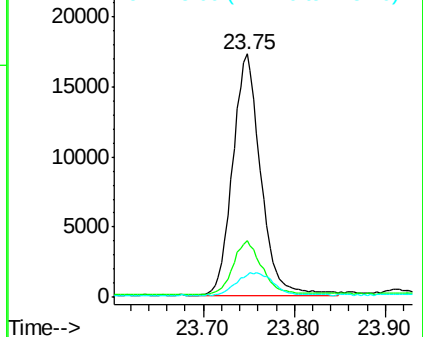
252 100

253 23.2 18.1 27.1

125 9.4 6.8 10.2



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: 0.401 ng

RT: 26.52 min Scan# 2939

Delta R.T. -0.06 min

Lab File: BE099284.D

Acq: 2 Apr 2019 21:21

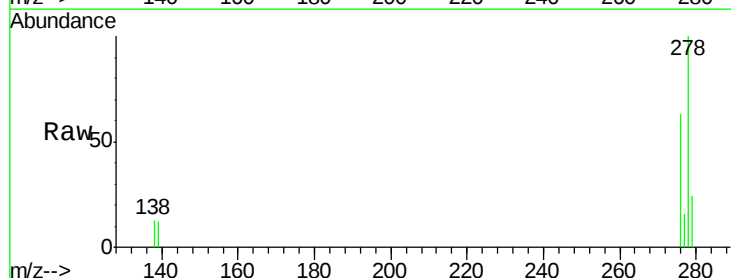
Tgt Ion:278 Resp: 38075

Ion Ratio Lower Upper

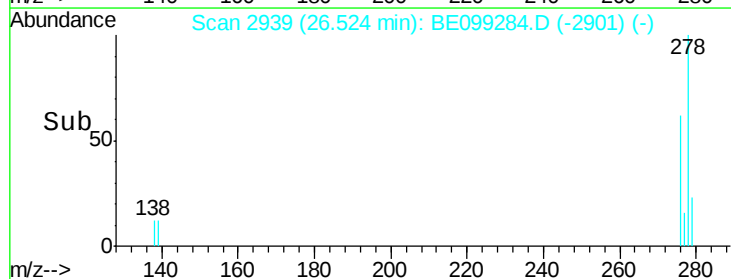
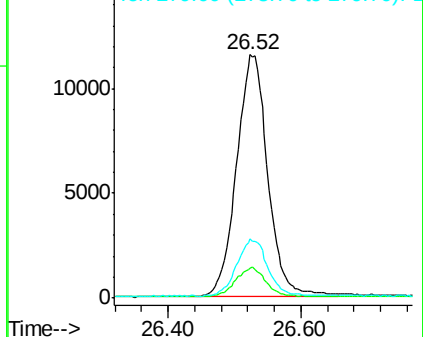
278 100

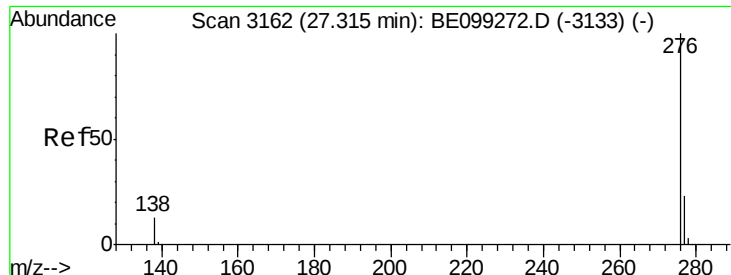
139 12.4 9.5 14.3

279 24.1 19.1 28.7



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: 0.400 ng

RT: 27.31 min Scan# 3160

Delta R.T. -0.06 min

Lab File: BE099284.D

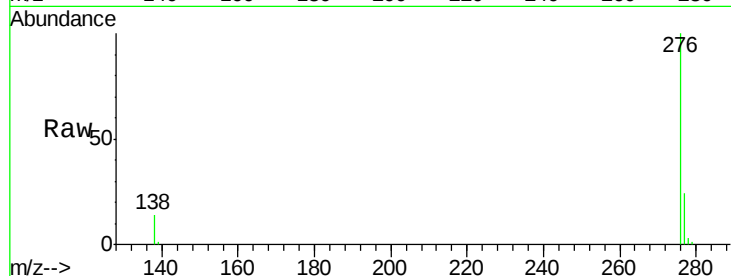
Acq: 2 Apr 2019 21:21

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



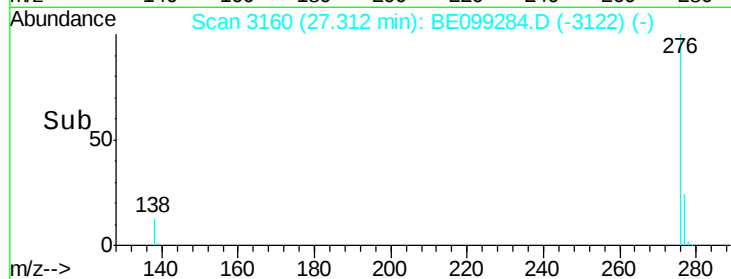
Tgt Ion: 276 Resp: 37858

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 14.0 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

