

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
 Data File : BE099065.D
 Acq On : 20 Mar 2019 10:10
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 20 10:44:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 05:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	986	0.40	ng	0.00
7) Naphthalene-d8	10.58	136	4266	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2848	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	6646	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	7542	0.40	ng	-0.01
34) Perylene-d12	23.88	264	7232	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1187	0.40	ng	0.00
5) Phenol-d6	6.99	99	1676	0.40	ng	0.00
8) Nitrobenzene-d5	8.95	82	1687	0.38	ng	-0.01
11) 2-Methylnaphthalene-d10	12.18	152	3138	0.40	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	508	0.35	ng	-0.01
15) 2-Fluorobiphenyl	13.07	172	4473	0.38	ng	-0.01
25) Fluoranthene-d10	19.24	212	37633	0.35	ng	-0.01
29) Terphenyl-d14	19.83	244	7418	0.40	ng	-0.01

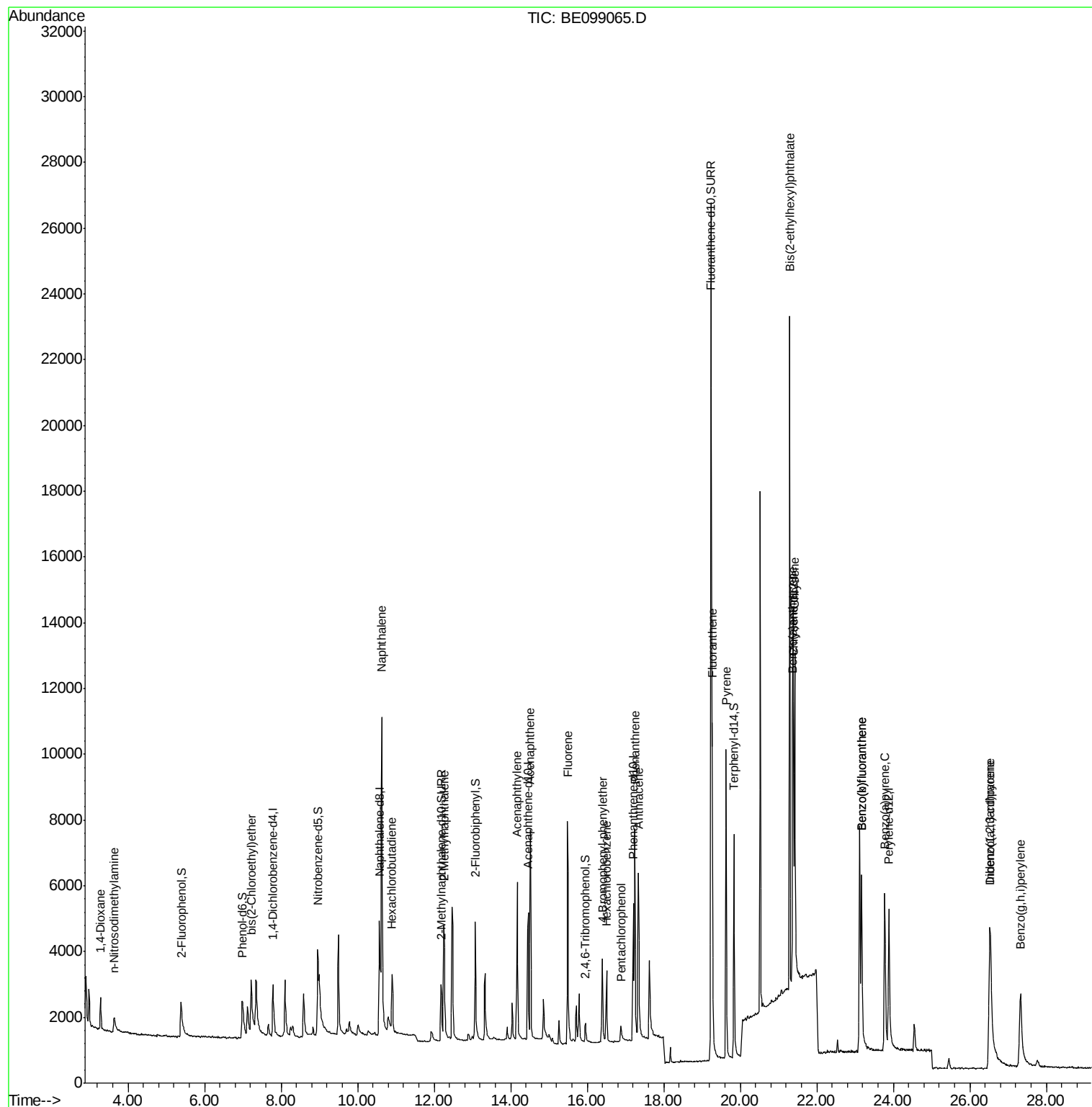
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	647	0.322	ng	99
3) n-Nitrosodimethylamine	3.63	42	654	0.264	ng	# 14
6) bis(2-Chloroethyl)ether	7.22	93	1108	0.345	ng	# 99
9) Naphthalene	10.63	128	19583	0.401	ng	100
10) Hexachlorobutadiene	10.90	225	1218	0.377	ng	97
12) 2-Methylnaphthalene	12.25	142	3176	0.401	ng	97
16) Acenaphthylene	14.17	152	5645	0.385	ng	98
17) Acenaphthene	14.51	154	3299	0.380	ng	100
18) Fluorene	15.49	166	4690	0.374	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	1508	0.419	ng	# 76
21) Hexachlorobenzene	16.51	284	1664	0.389	ng	99
22) Pentachlorophenol	16.88	266	473	0.589	ng	88
23) Phenanthrene	17.24	178	7275	0.385	ng	99
24) Anthracene	17.34	178	6219	0.385	ng	100
26) Fluoranthene	19.26	202	9290	0.348	ng	99
28) Pyrene	19.63	202	9681	0.420	ng	100
30) Benzo(a)anthracene	21.37	228	9320	0.396	ng	99
31) Chrysene	21.43	228	9706	0.385	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	23128	0.462	ng	99
33) Indeno(1,2,3-cd)pyrene	26.52	276	9559	0.360	ng	97
35) Benzo(b)fluoranthene	23.17	252	9407	0.396	ng	95
36) Benzo(k)fluoranthene	23.17	252	9407	0.378	ng	98
37) Benzo(a)pyrene	23.77	252	8970	0.393	ng	# 86
38) Dibenzo(a,h)anthracene	26.55	278	6647	0.308	ng	# 95
39) Benzo(g,h,i)perylene	27.33	276	7298	0.324	ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031919\
Data File : BE099065.D
Acq On : 20 Mar 2019 10:10
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 20 10:44:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 15 05:31:33 2019
Response via : Initial Calibration



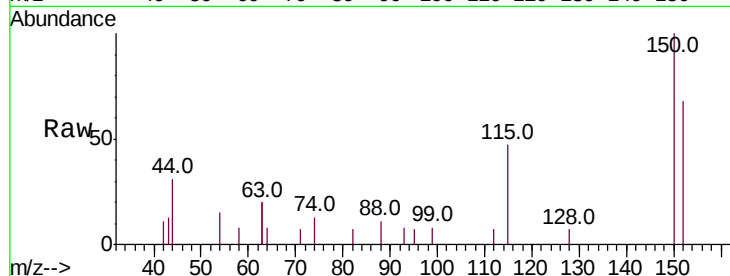


#1

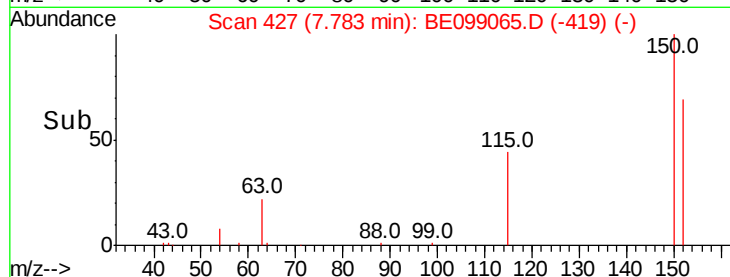
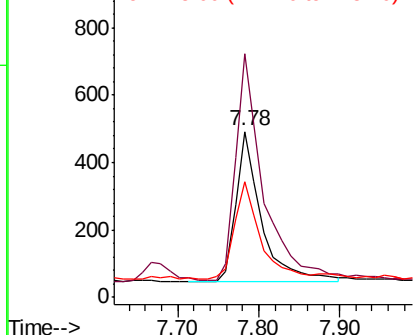
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 986
Ion Ratio Lower Upper
152 100
150 147.0 122.5 183.7
115 69.7 57.4 86.2



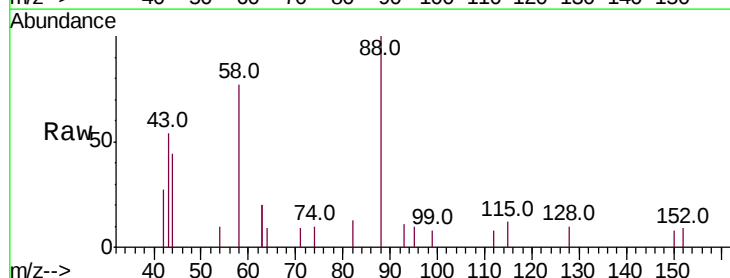
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



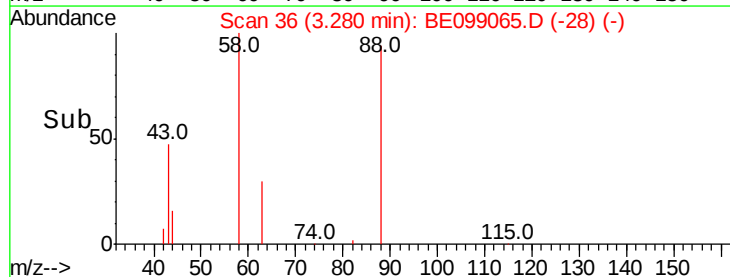
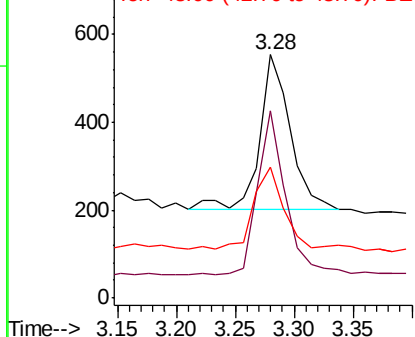
#2

1,4-Dioxane
Concen: 0.322 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion: 88 Resp: 647
Ion Ratio Lower Upper
88 100
58 95.1 75.8 113.6
43 52.9 41.8 62.8



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: 0.264 ng

RT: 3.63 min Scan# 66

Delta R.T. 0.00 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

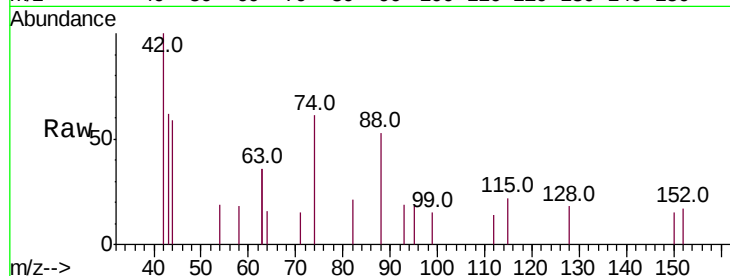
Tot Ion: 42 Resp: 654

Ion Ratio Lower Upper

42 100

74 0.0 57.0 85.4#

44 1.8 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

3.63

300

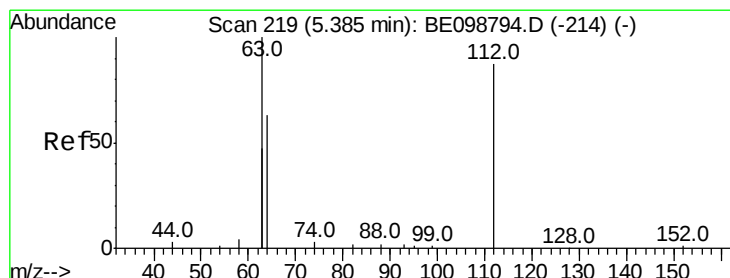
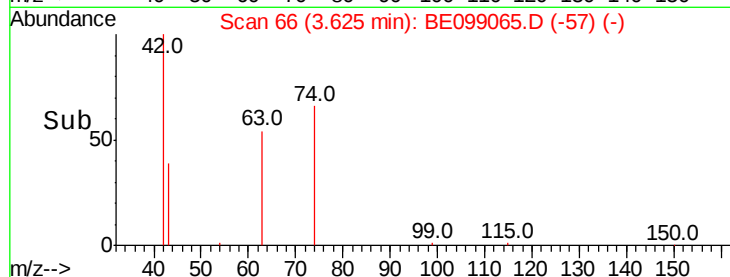
200

100

0

3.55 3.60 3.65 3.70

Time-->



#4

2-Fluorophenol

Concen: 0.403 ng

RT: 5.39 min Scan# 219

Delta R.T. 0.00 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

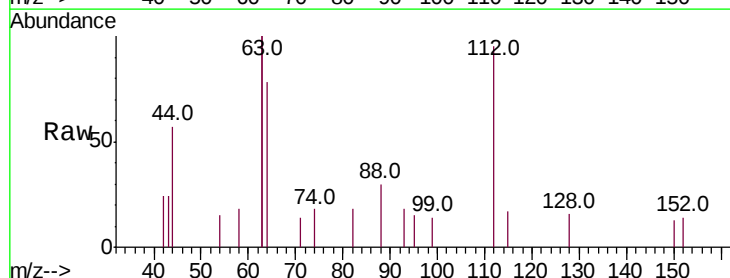
Tgt Ion: 112 Resp: 1187

Ion Ratio Lower Upper

112 100

64 77.4 57.9 86.9

63 181.4 158.3 237.5



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

800

600

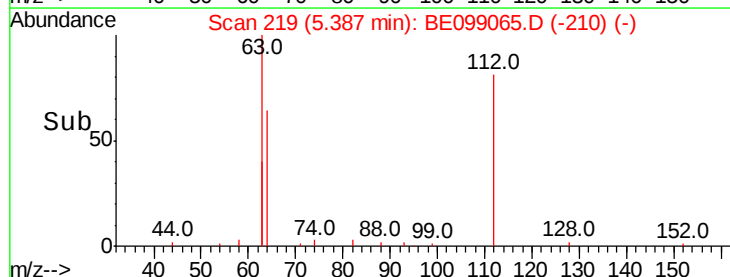
400

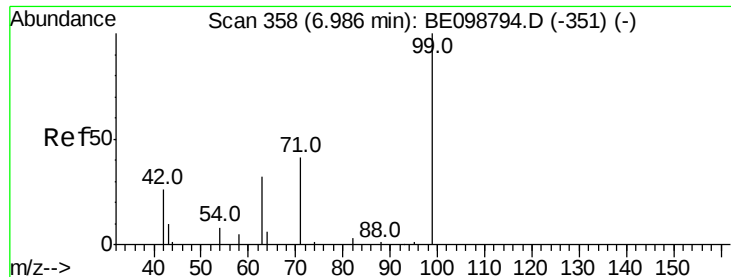
200

0

5.20 5.40 5.60

Time-->





#5

Phenol-d6

Concen: 0.402 ng

RT: 6.99 min Scan# 358

Delta R.T. 0.00 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

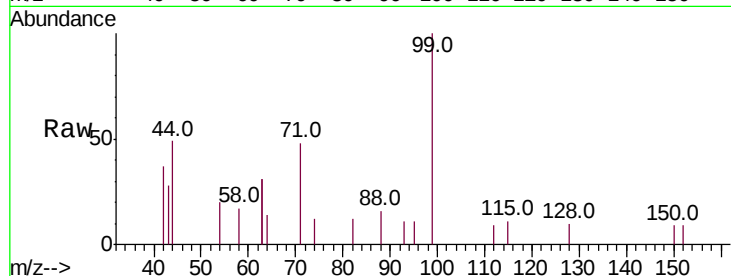
Tot Ion: 99 Resp: 1676

Ion Ratio Lower Upper

99 100

42 32.2 24.2 36.2

71 48.6 35.7 53.5



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

6.99

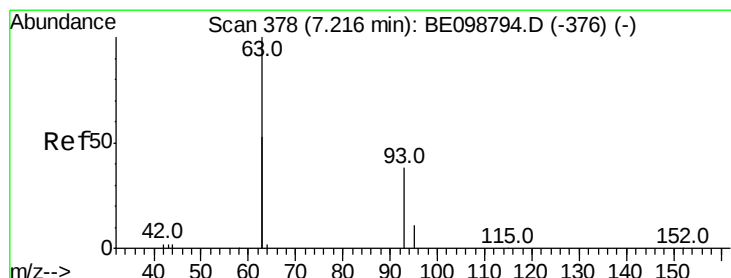
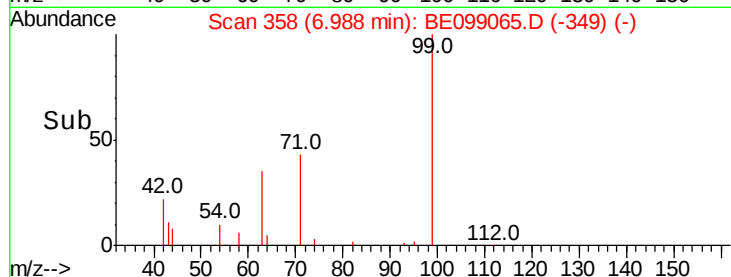
400

200

0

6.90 7.00 7.10 7.20

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.345 ng

RT: 7.22 min Scan# 378

Delta R.T. 0.00 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

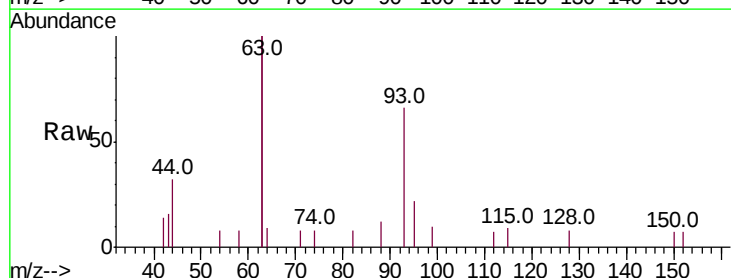
Tgt Ion: 93 Resp: 1108

Ion Ratio Lower Upper

93 100

63 308.8 247.5 371.3

95 33.7 21.8 32.8#



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

1500

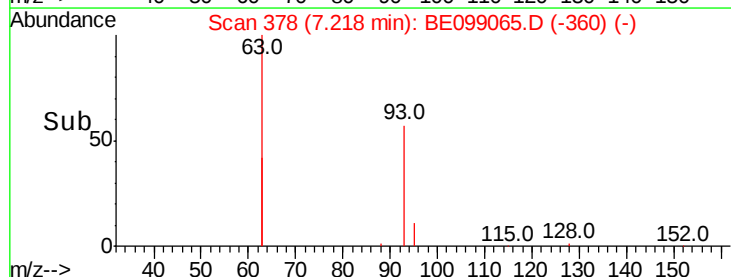
1000

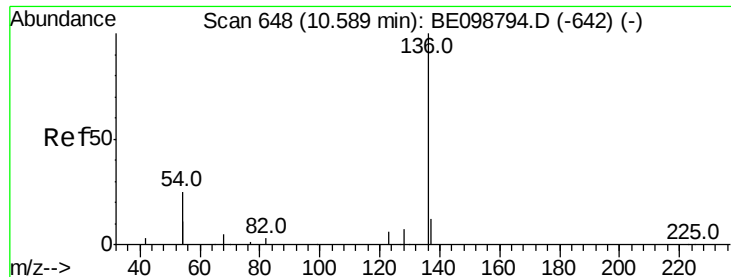
500

0

7.20 7.30 7.40

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4266

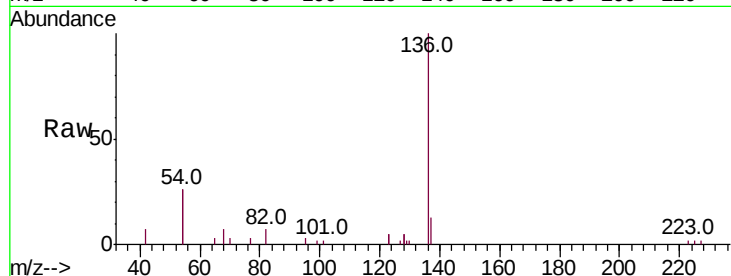
Ion Ratio Lower Upper

136 100

137 12.7 11.4 17.0

54 52.6 39.3 58.9

68 7.4 6.7 10.1

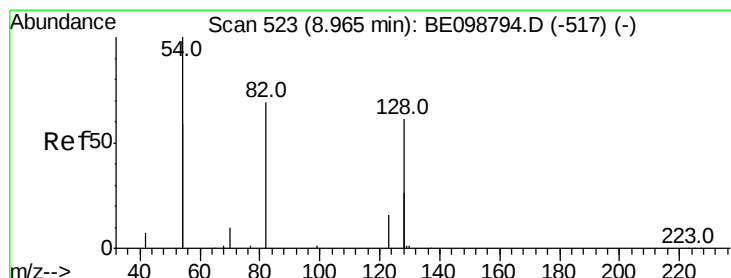
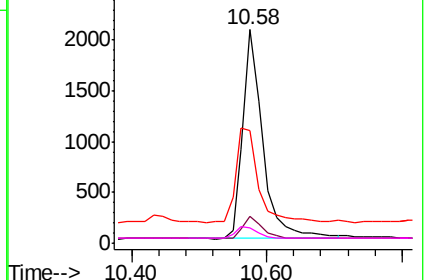
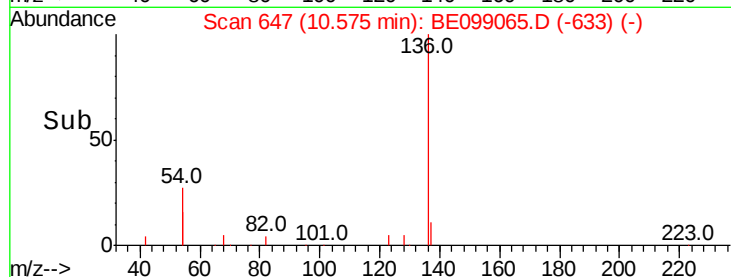


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.377 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

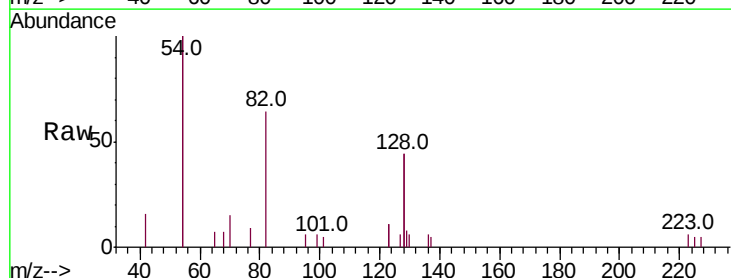
Tgt Ion: 82 Resp: 1687

Ion Ratio Lower Upper

82 100

128 136.1 123.8 185.8

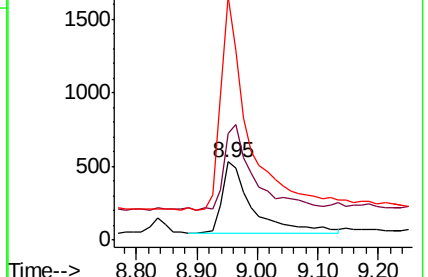
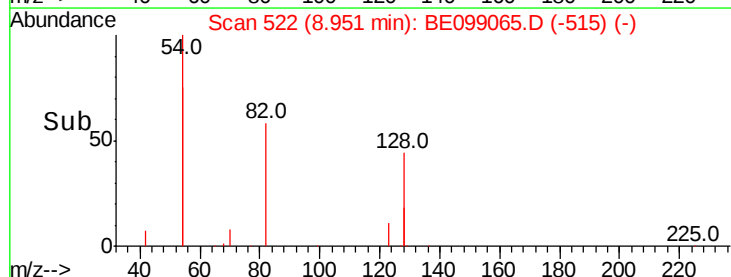
54 310.5 203.4 305.2#

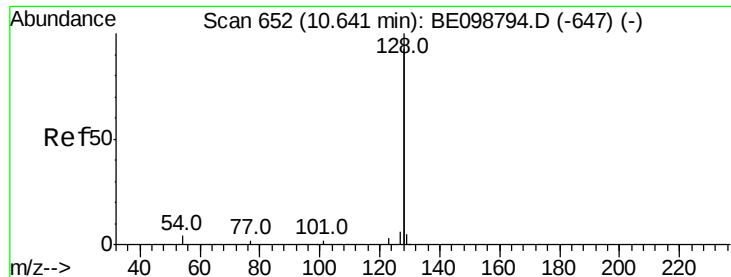


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.401 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

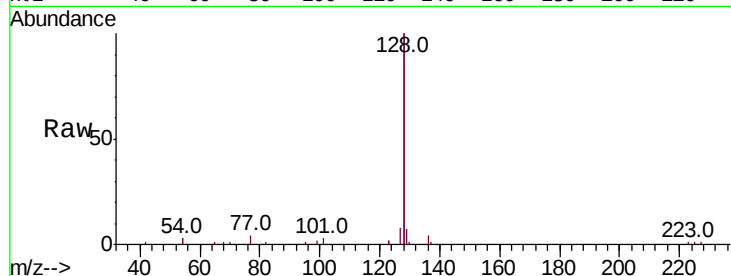
Tot Ion:128 Resp: 19583

Ion Ratio Lower Upper

128 100

129 3.3 2.6 4.0

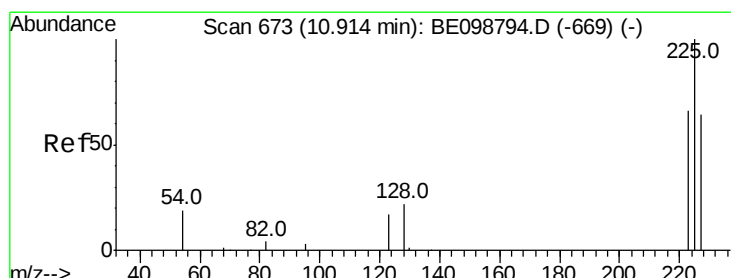
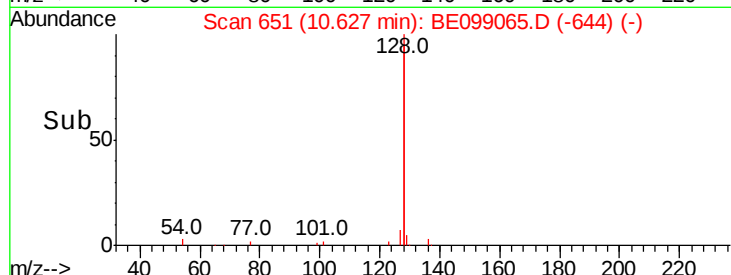
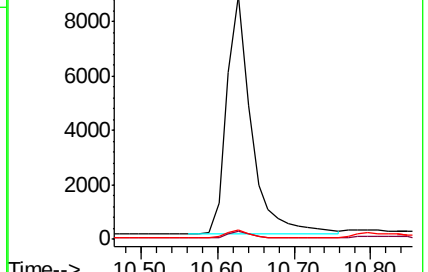
127 3.9 3.1 4.7



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: 0.377 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

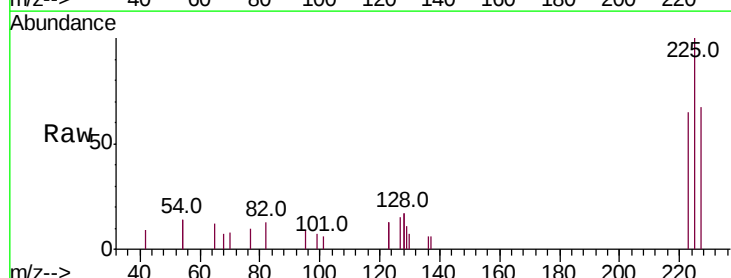
Tgt Ion:225 Resp: 1218

Ion Ratio Lower Upper

225 100

223 61.7 51.1 76.7

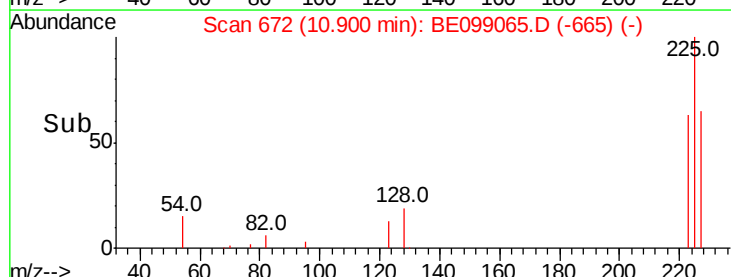
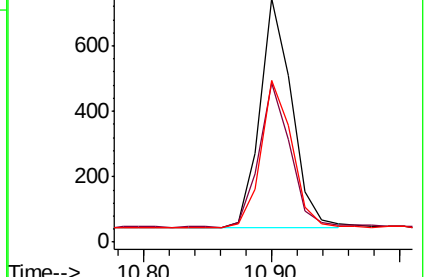
227 62.6 51.6 77.4

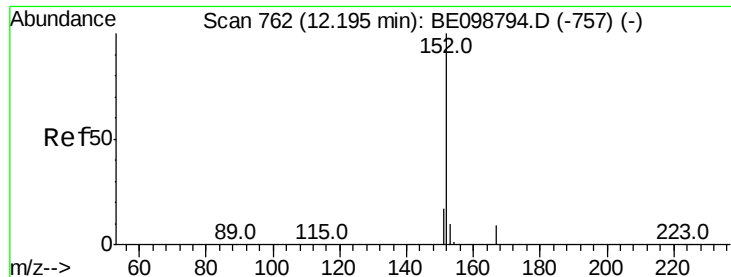


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

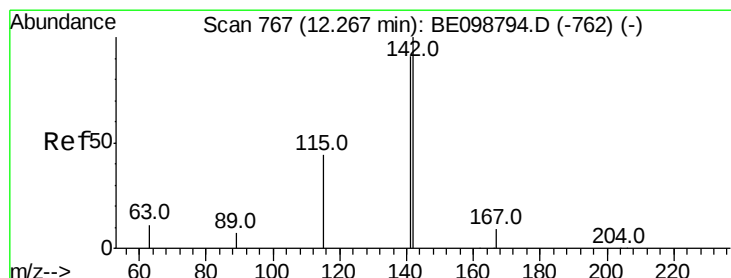
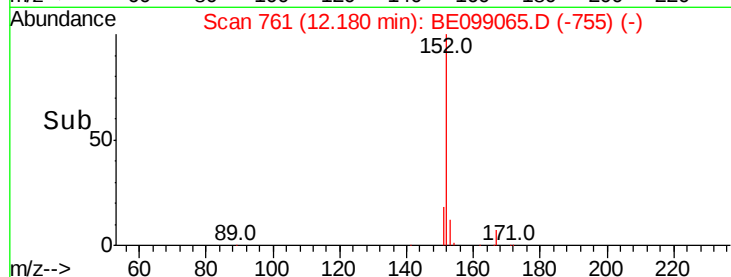
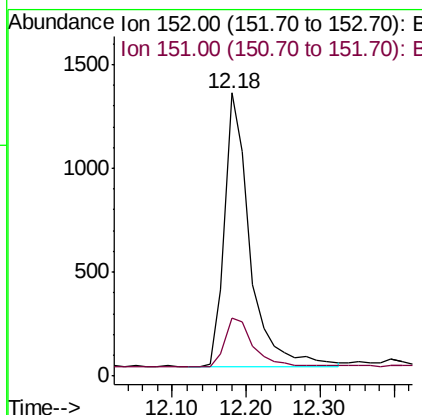
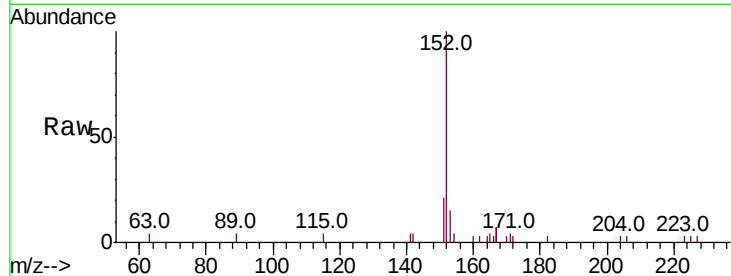




#11
 2-Methylnaphthalene-d10
 Concen: 0.398 ng
 RT: 12.18 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BE099065.D
 Acq: 20 Mar 2019 10:10

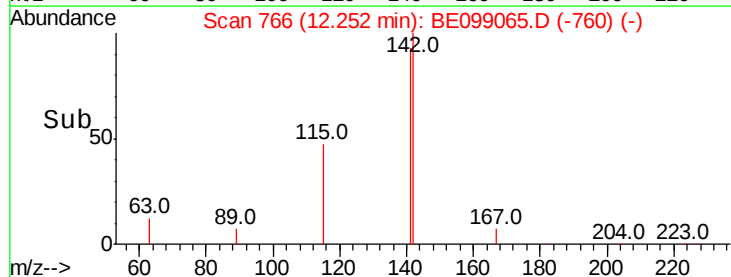
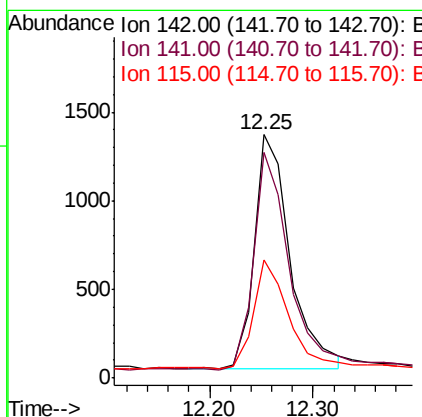
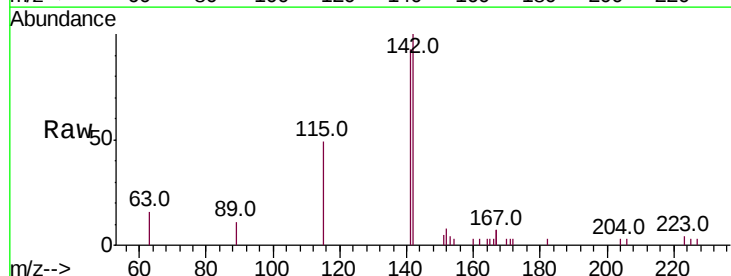
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

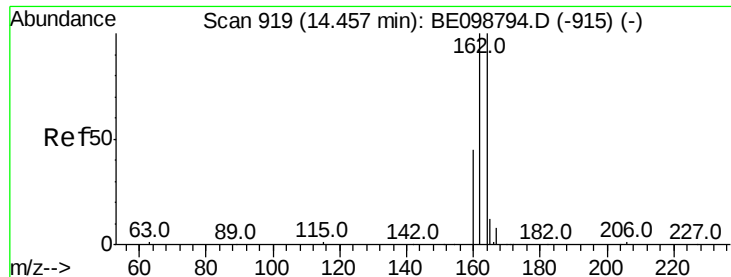
Tot Ion:152 Resp: 3138
 Ion Ratio Lower Upper
 152 100
 151 19.6 16.5 24.7



#12
 2-Methylnaphthalene
 Concen: 0.401 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BE099065.D
 Acq: 20 Mar 2019 10:10

Tgt Ion:142 Resp: 3176
 Ion Ratio Lower Upper
 142 100
 141 92.9 72.6 108.8
 115 48.8 37.4 56.2

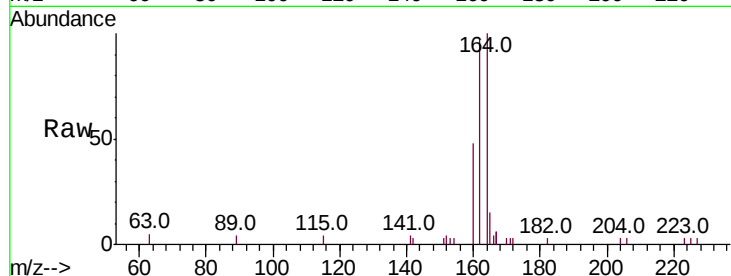




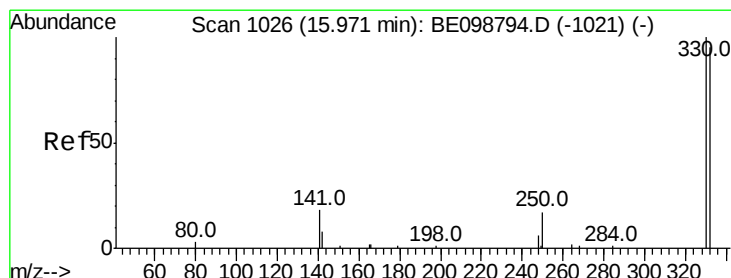
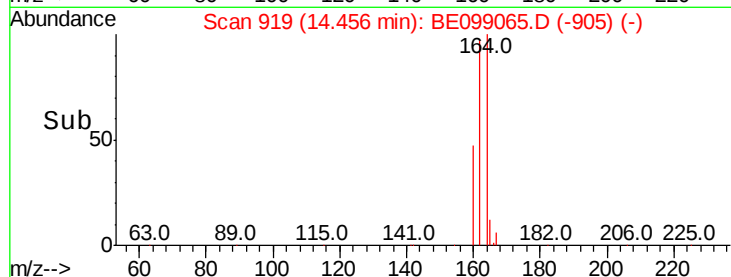
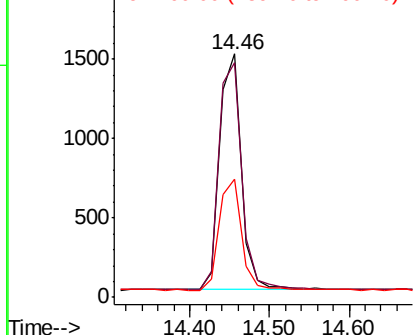
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 2848
Ion Ratio Lower Upper
164 100
162 96.6 80.2 120.2
160 48.3 37.8 56.8

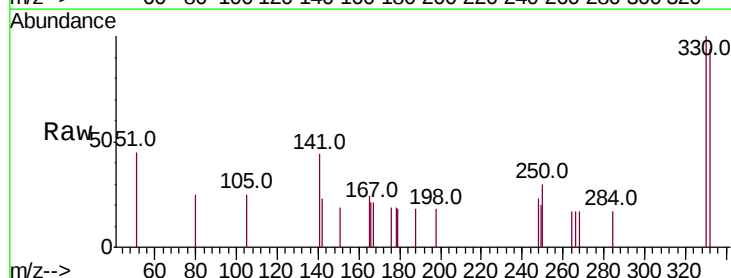


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

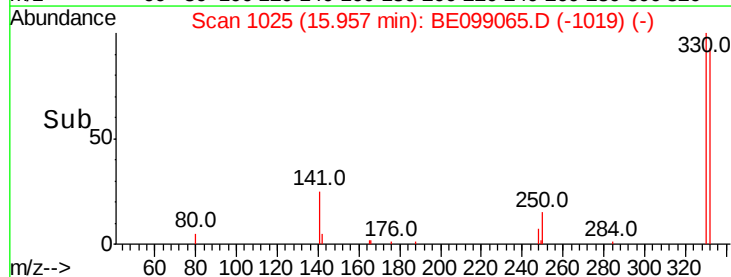
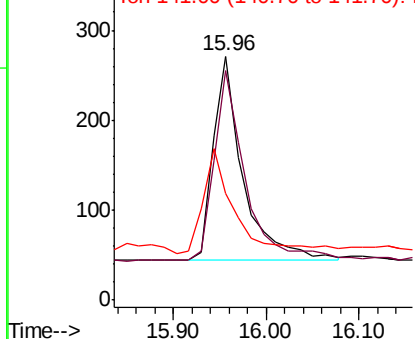


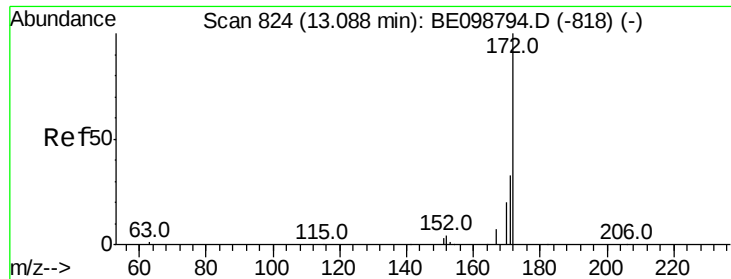
#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:330 Resp: 508
Ion Ratio Lower Upper
330 100
332 97.6 77.6 116.4
141 55.3 31.0 46.4#



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

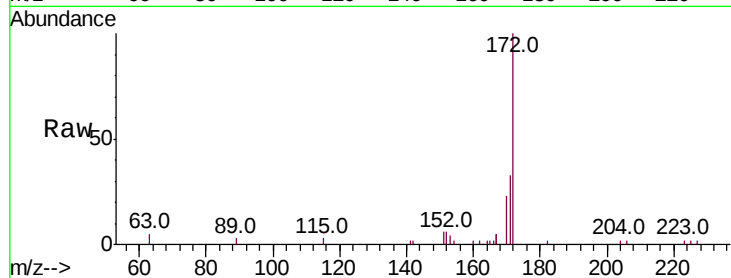




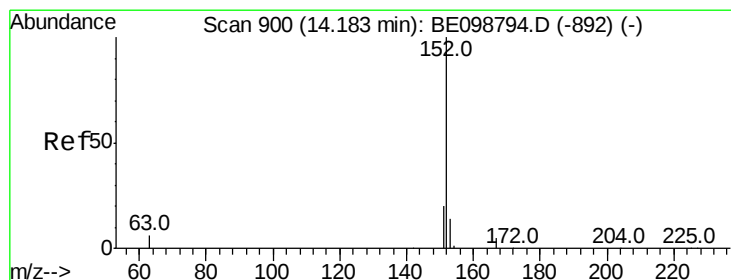
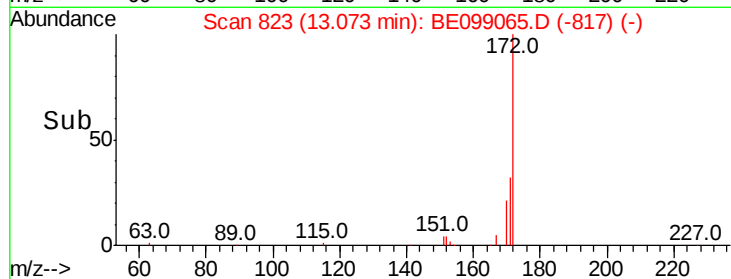
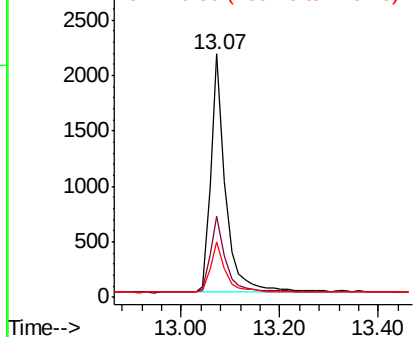
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.07 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 4473
Ion Ratio Lower Upper
172 100
171 33.4 28.0 42.0
170 22.9 17.7 26.5

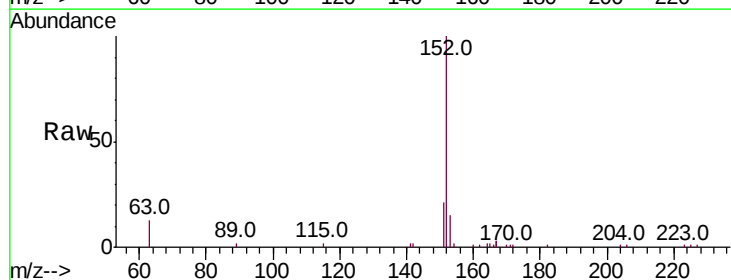


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

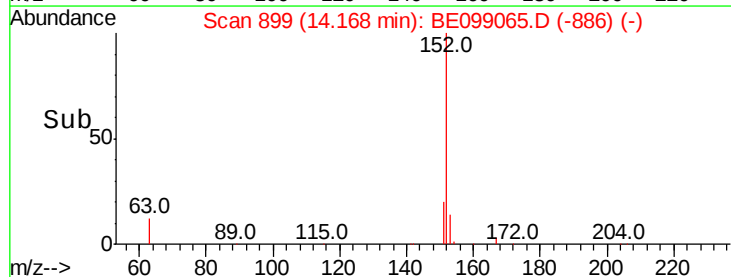
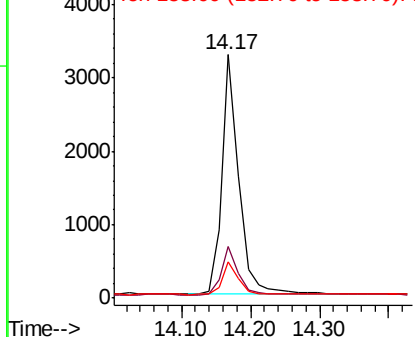


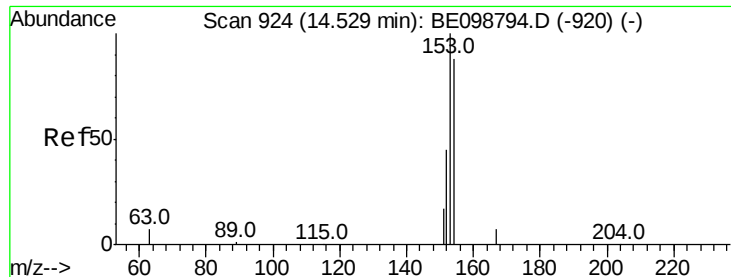
#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.17 min Scan# 899
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:152 Resp: 5645
Ion Ratio Lower Upper
152 100
151 20.0 17.0 25.6
153 13.9 11.2 16.8



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

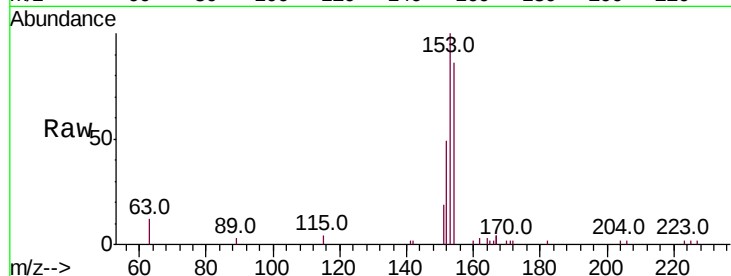




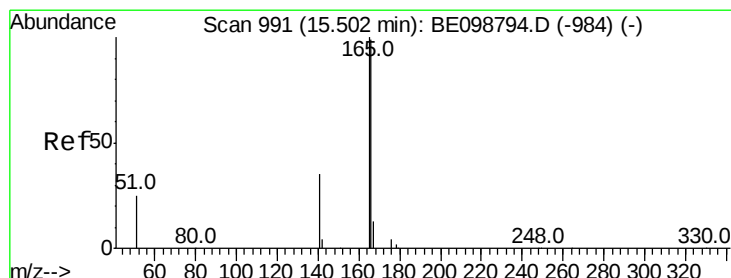
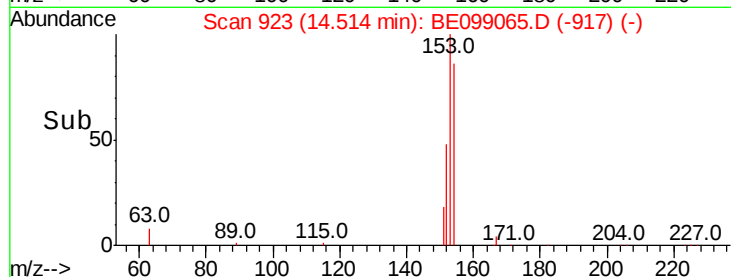
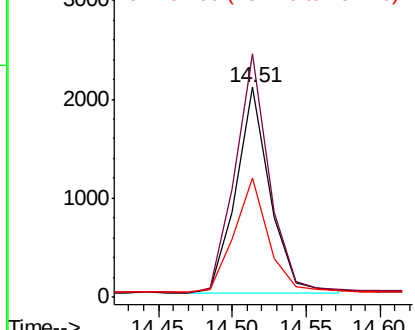
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:154 Resp: 3299
Ion Ratio Lower Upper
154 100
153 117.8 94.2 141.4
152 56.3 45.0 67.4

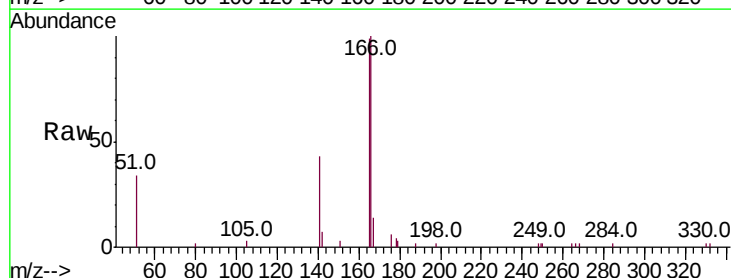


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

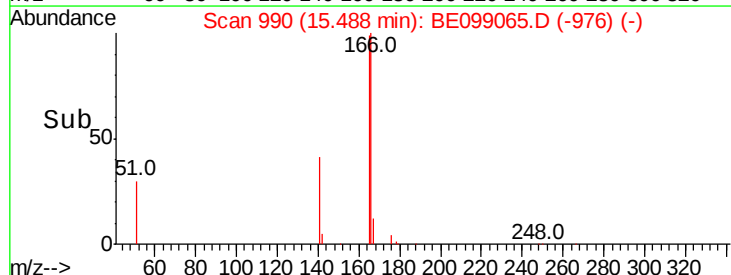
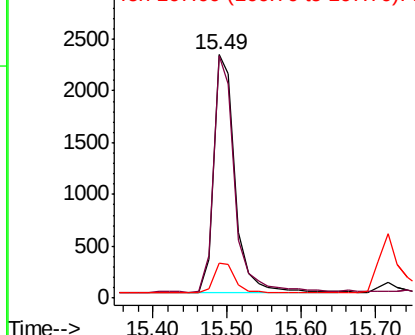


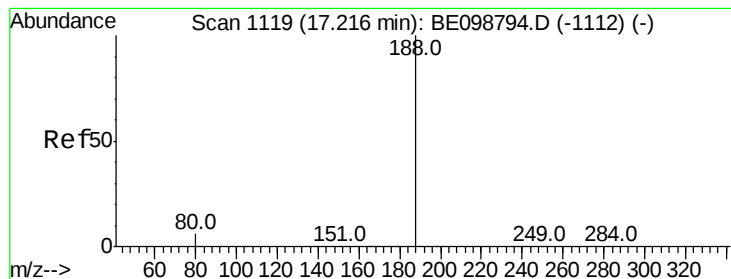
#18
Fluorene
Concen: 0.374 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.01 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:166 Resp: 4690
Ion Ratio Lower Upper
166 100
165 97.3 79.3 118.9
167 12.7 10.5 15.7



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: 17.20 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

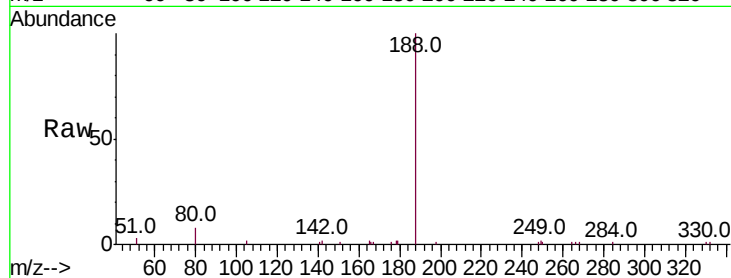
Tot Ion:188 Resp: 6646

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

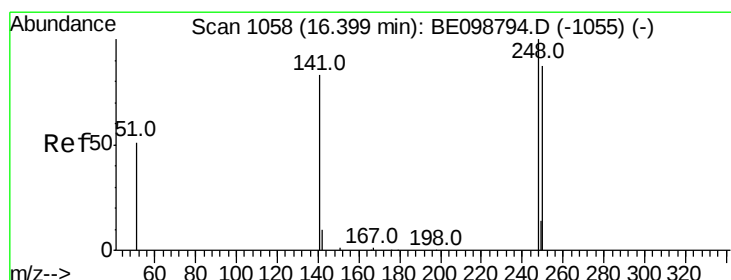
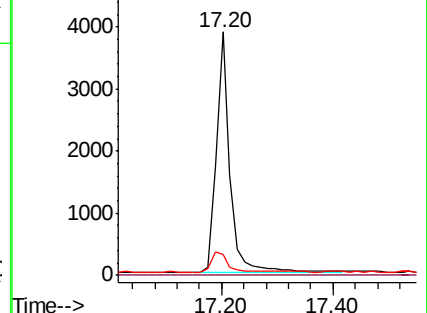
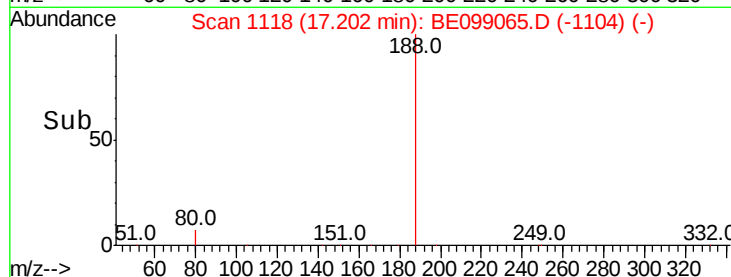
80 8.3 6.3 9.5



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: 0.419 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

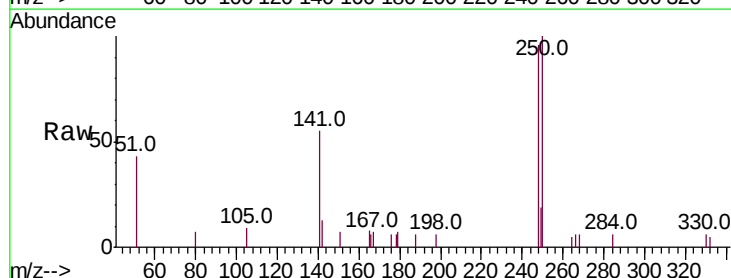
Tgt Ion:248 Resp: 1508

Ion Ratio Lower Upper

248 100

250 104.4 70.6 105.8

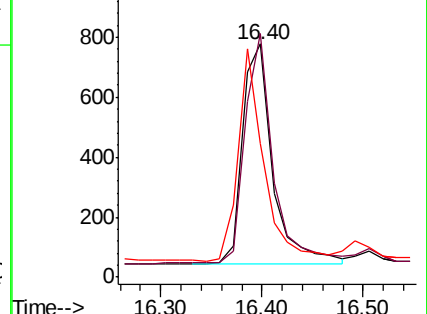
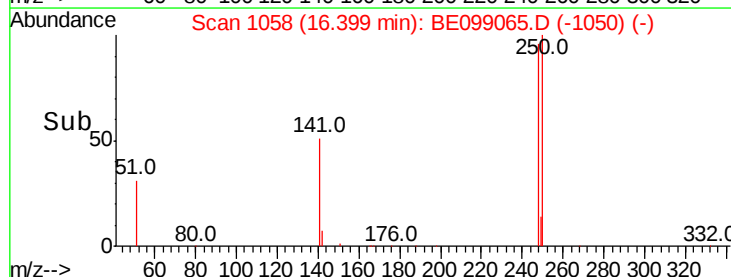
141 57.3 68.6 102.8#

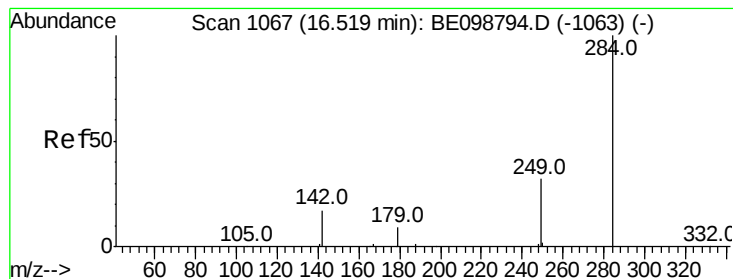


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.389 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

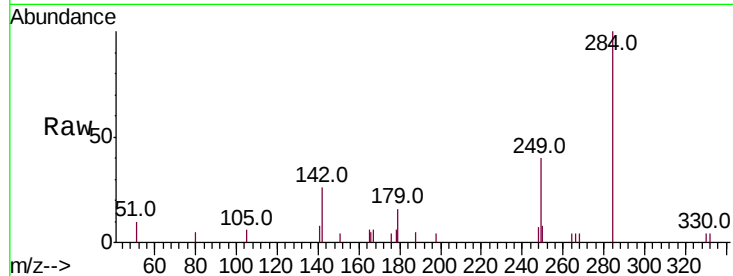
Tot Ion:284 Resp: 1664

Ion Ratio Lower Upper

284 100

142 34.8 28.7 43.1

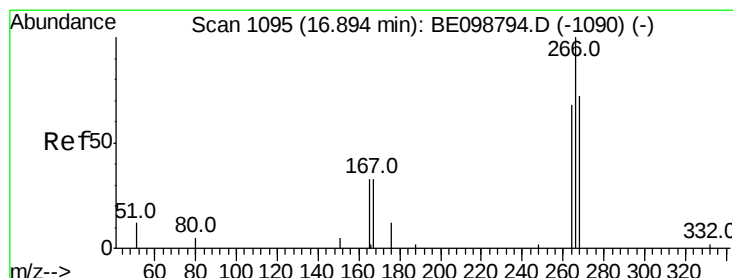
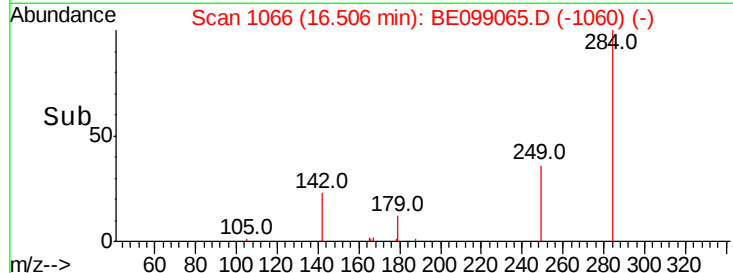
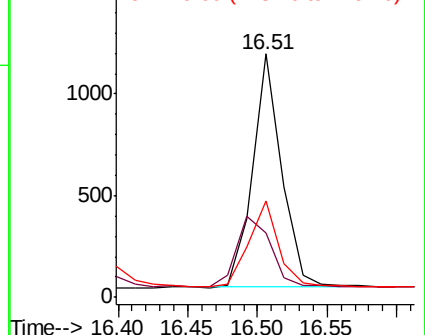
249 37.3 29.6 44.4



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: 0.589 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

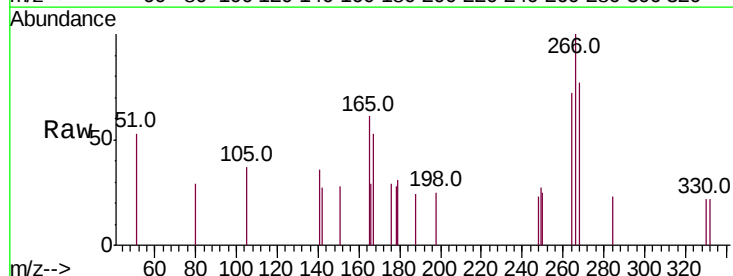
Tgt Ion:266 Resp: 473

Ion Ratio Lower Upper

266 100

264 72.1 66.6 100.0

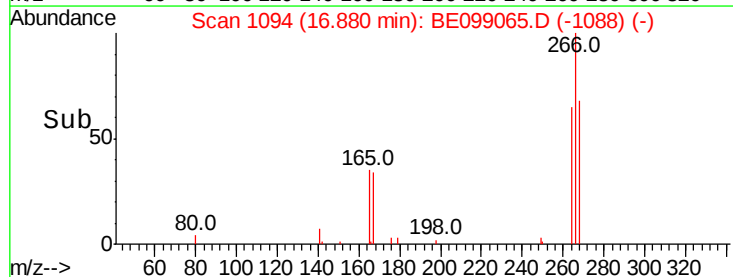
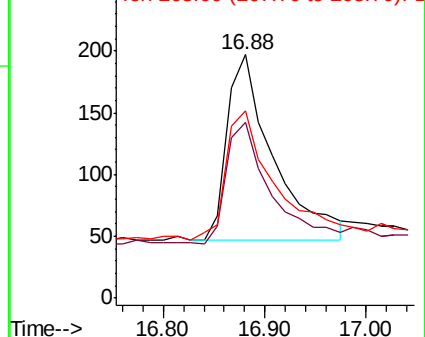
268 77.2 69.8 104.8

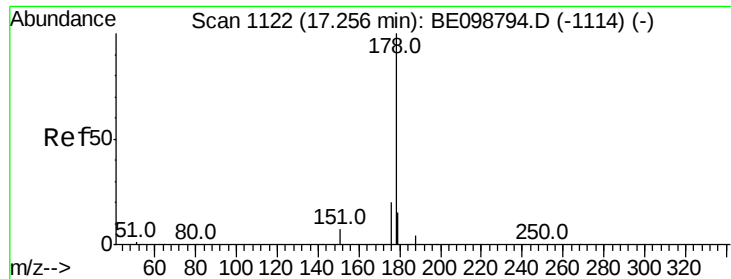


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

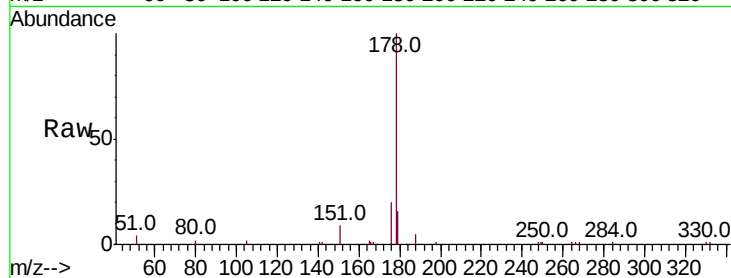
Tot Ion:178 Resp: 7275

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

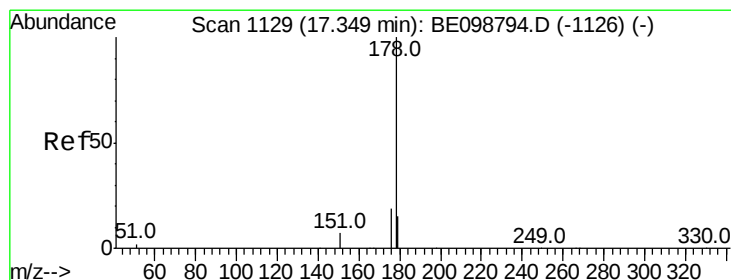
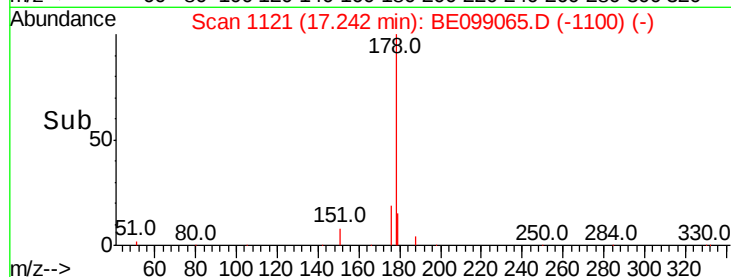
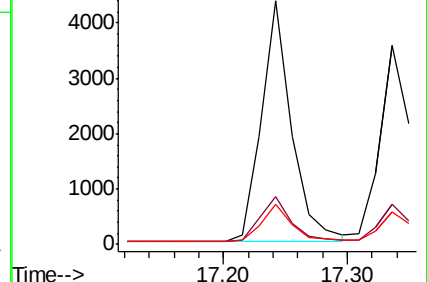
179 15.1 12.1 18.1



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: 0.385 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

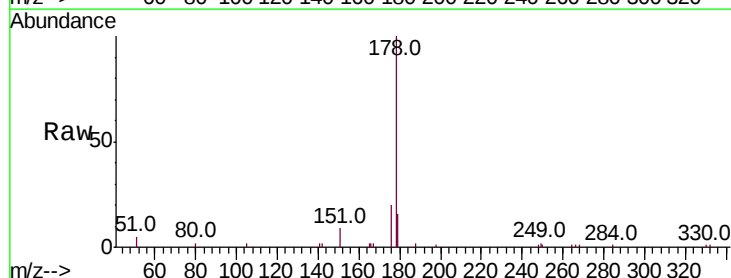
Tgt Ion:178 Resp: 6219

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

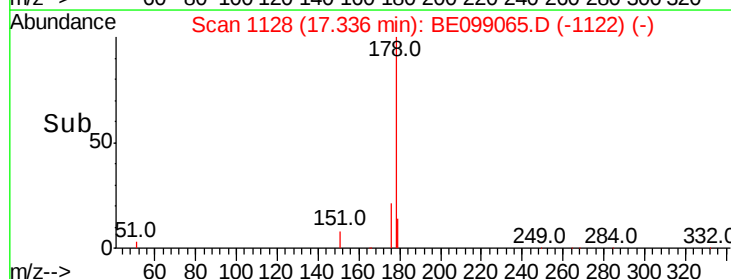
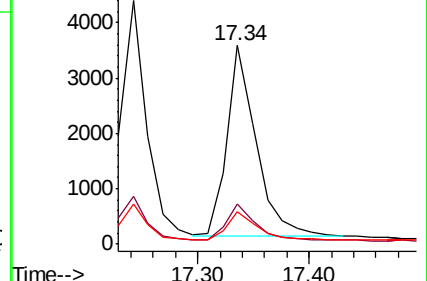
179 15.2 12.2 18.4

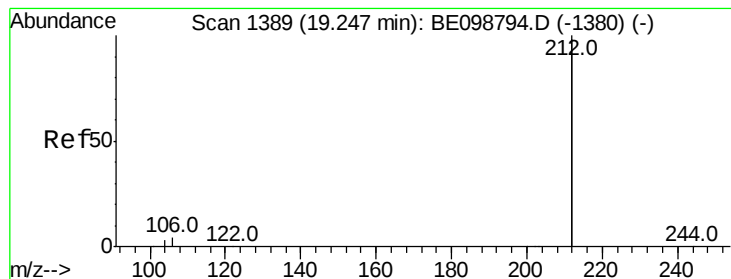


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.355 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

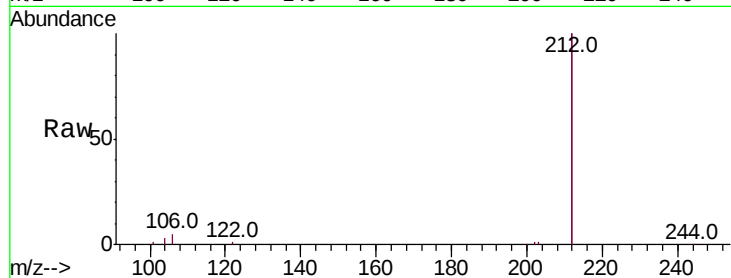
Tot Ion:212 Resp: 37633

Ion Ratio Lower Upper

212 100

106 2.3 1.8 2.8

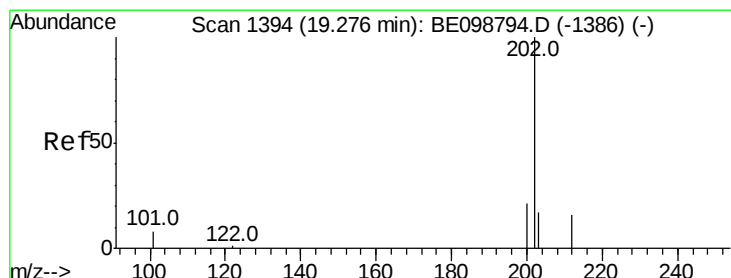
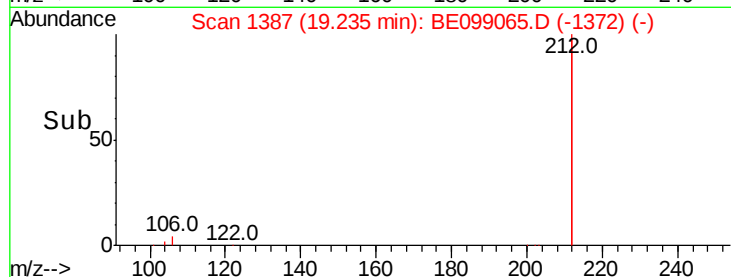
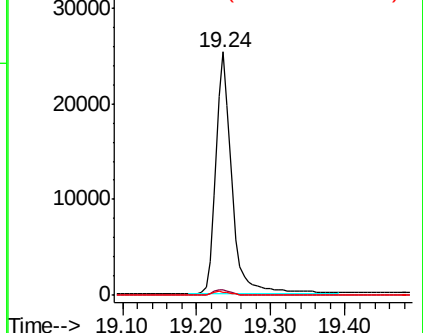
104 1.4 1.0 1.6



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: 0.348 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

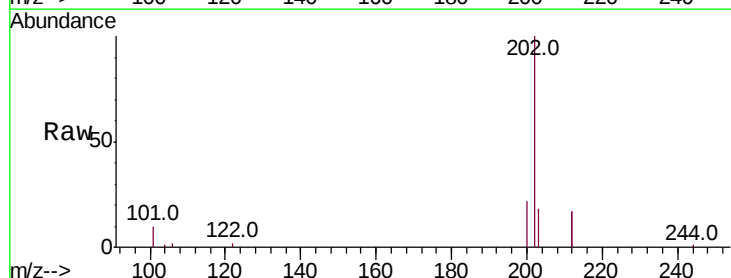
Tgt Ion:202 Resp: 9290

Ion Ratio Lower Upper

202 100

101 9.2 7.3 10.9

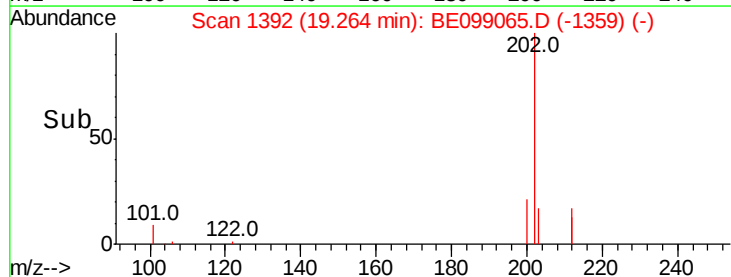
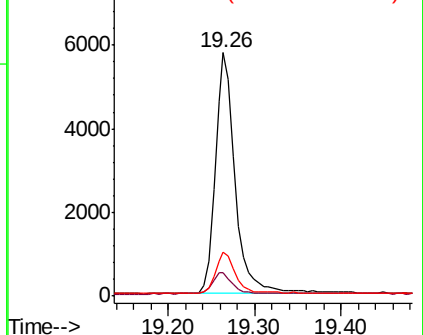
203 17.2 13.4 20.2

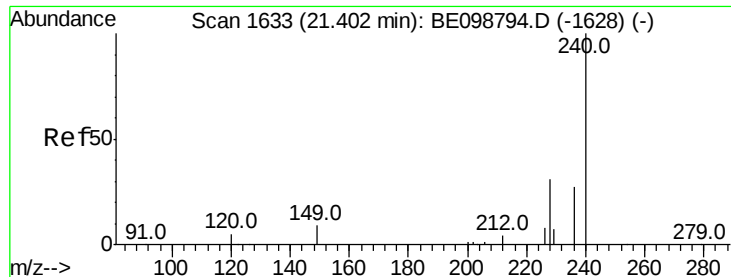


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

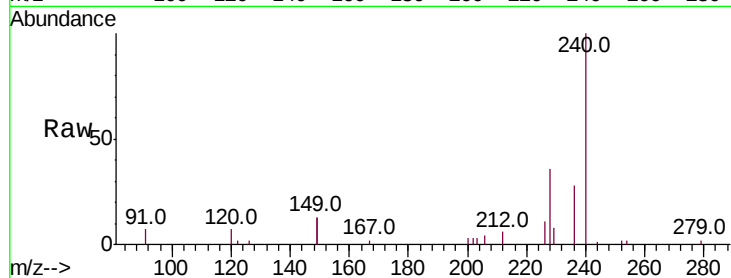
Tot Ion:240 Resp: 7542

Ion Ratio Lower Upper

240 100

120 6.9 5.0 7.4

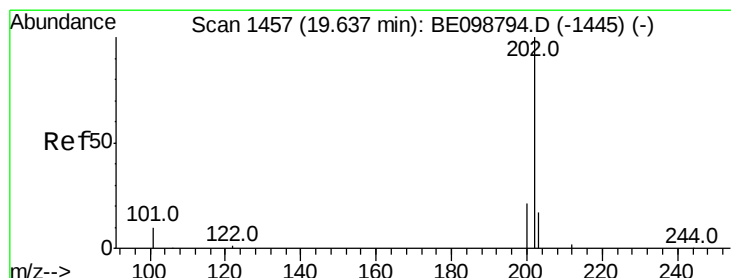
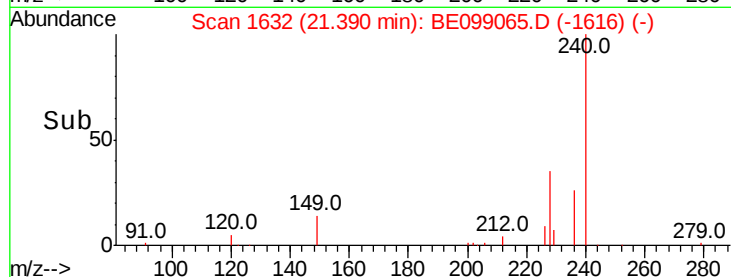
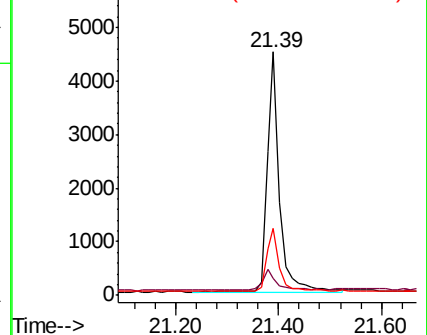
236 27.5 22.7 34.1



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: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

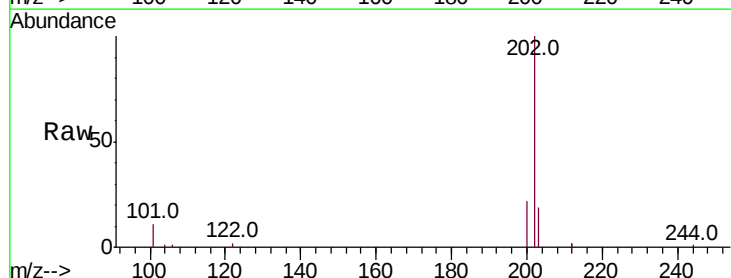
Tgt Ion:202 Resp: 9681

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

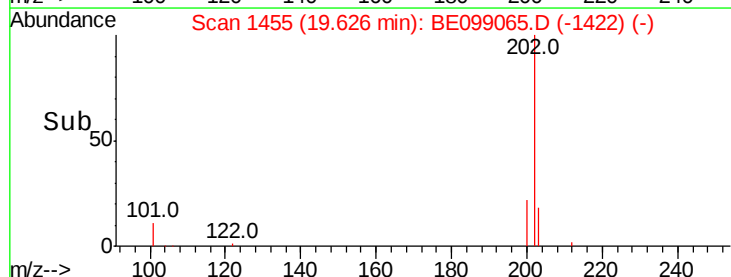
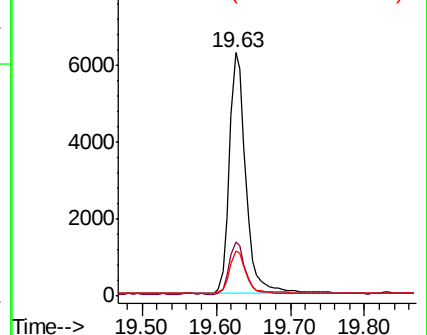
203 17.8 14.2 21.2

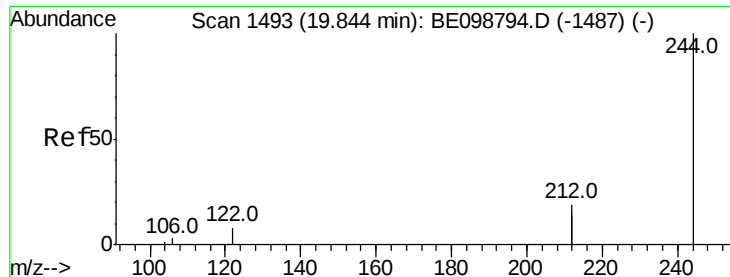


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

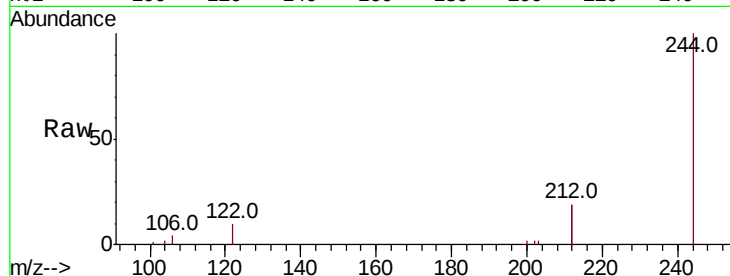
Tot Ion:244 Resp: 7418

Ion Ratio Lower Upper

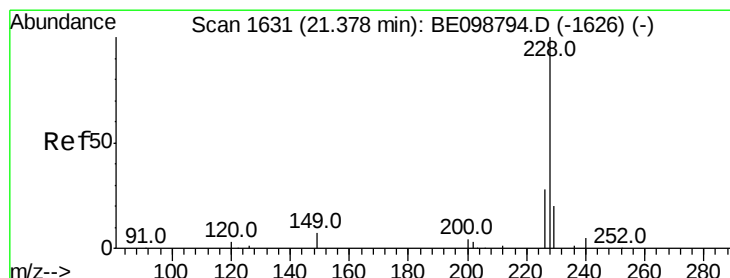
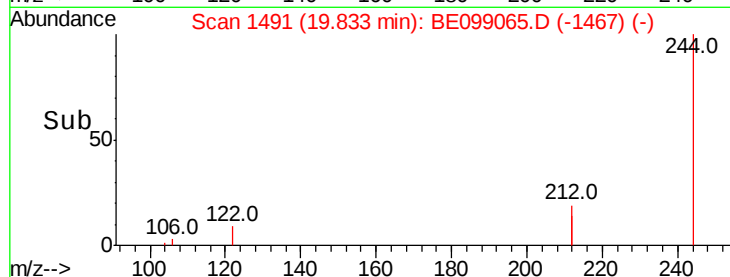
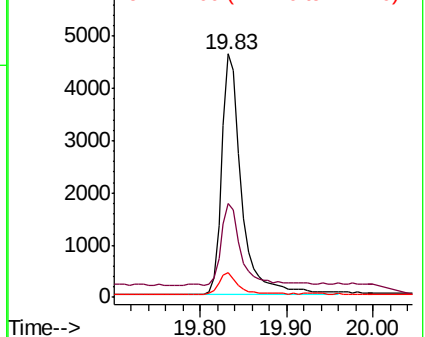
244 100

212 38.4 29.4 44.2

122 10.3 7.1 10.7



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: 0.396 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

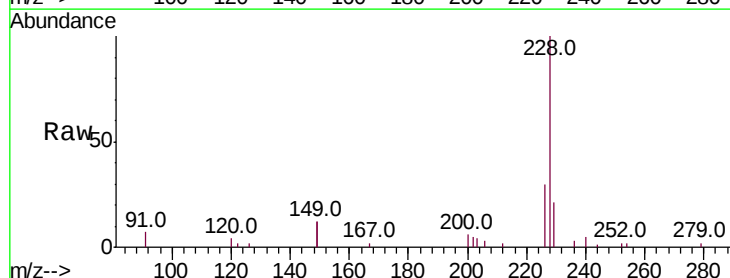
Tgt Ion:228 Resp: 9320

Ion Ratio Lower Upper

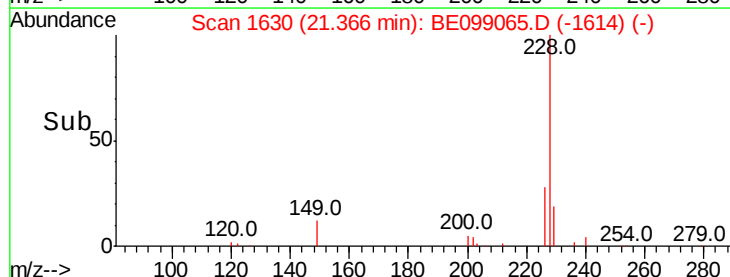
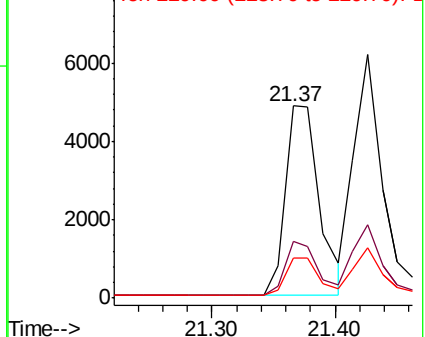
228 100

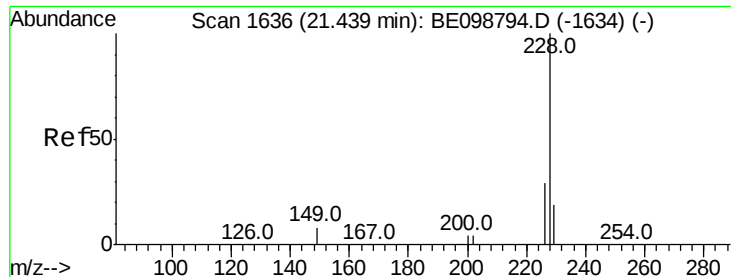
226 29.6 23.0 34.4

229 20.6 16.5 24.7



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: 0.385 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

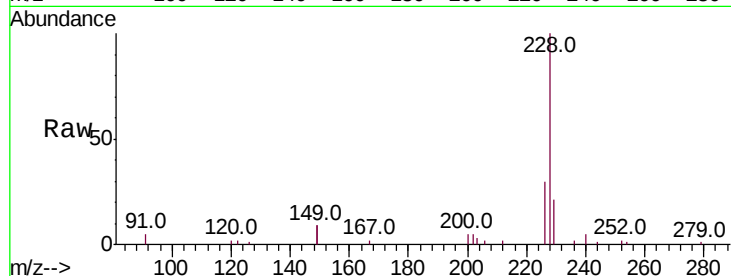
Tot Ion:228 Resp: 9706

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

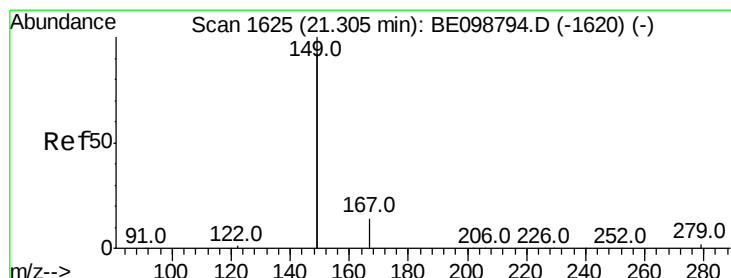
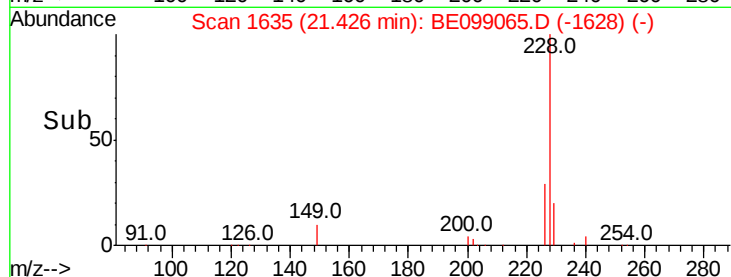
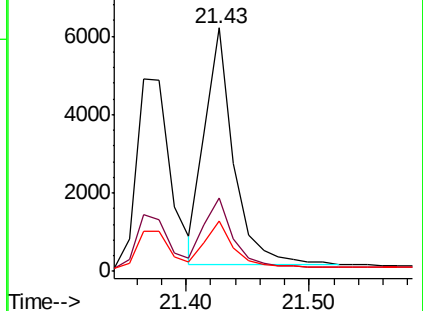
229 20.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.462 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

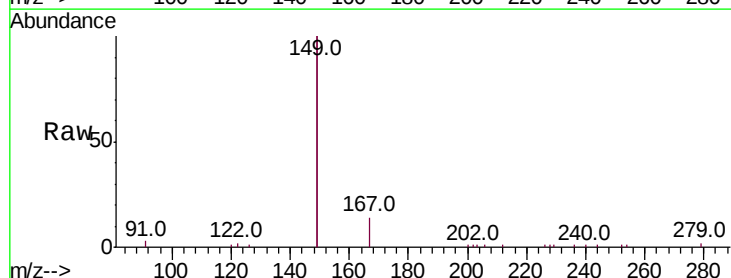
Tgt Ion:149 Resp: 23128

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

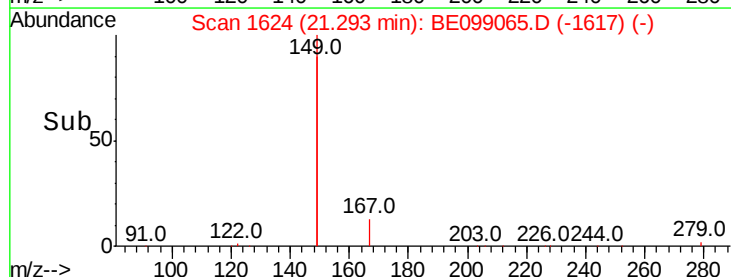
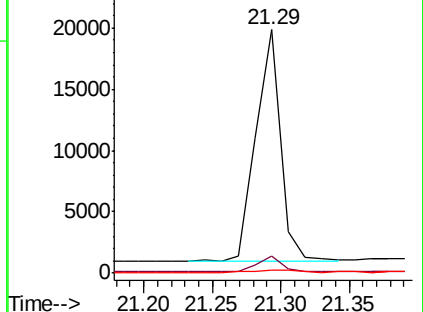
279 1.2 1.0 1.4

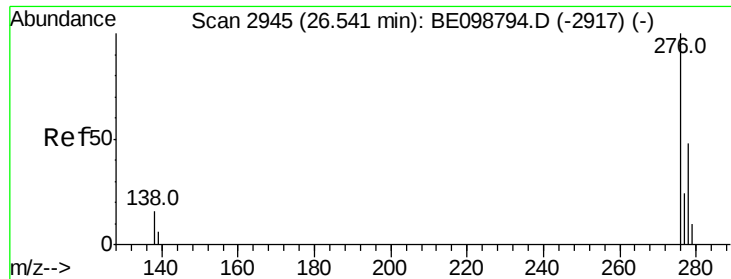


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

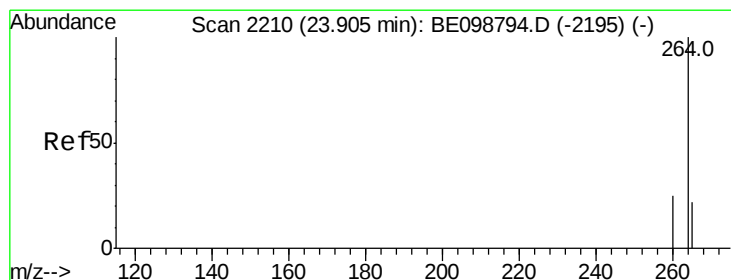
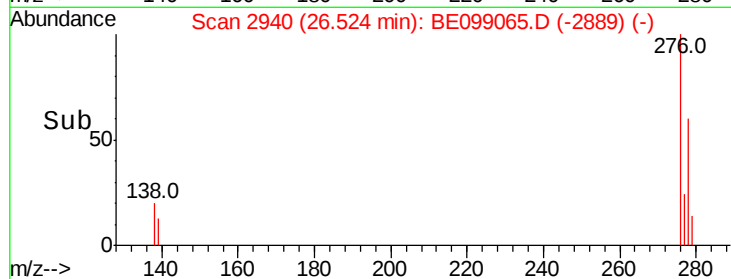
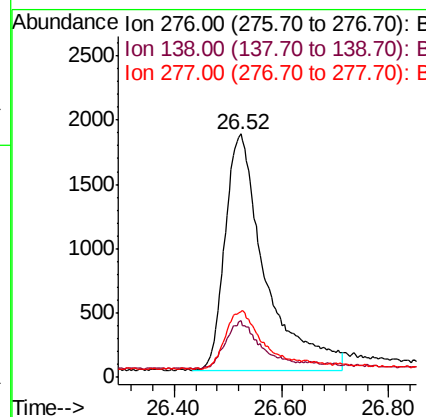
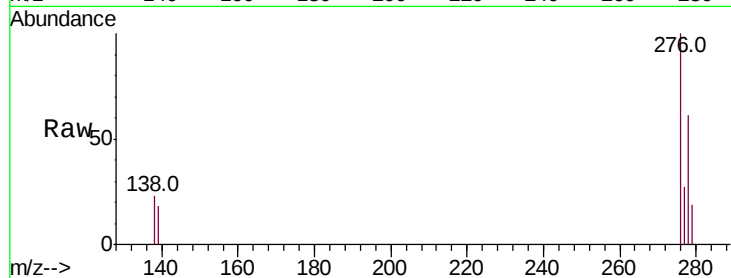




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng
RT: 26.52 min Scan# 2940
Delta R.T. -0.02 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

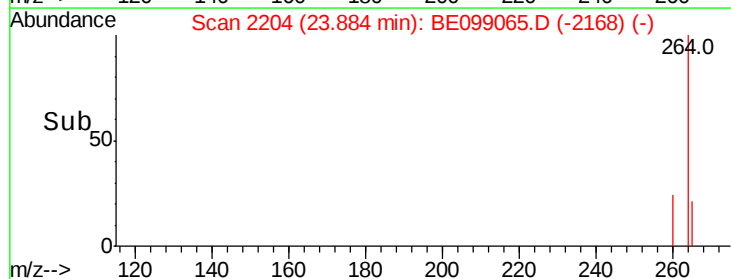
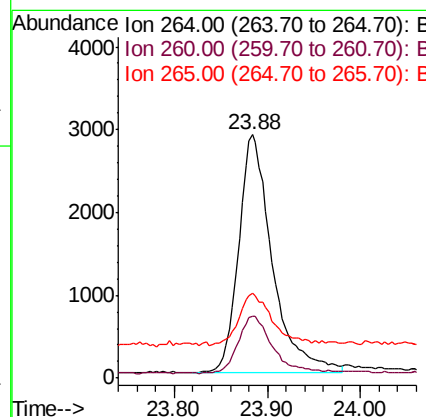
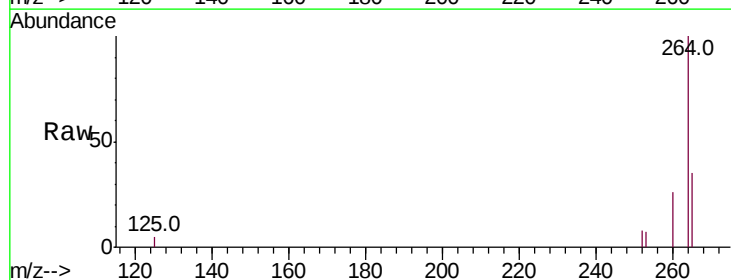
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

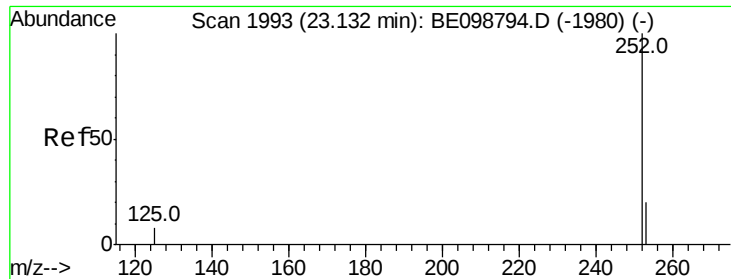
Tot Ion:276 Resp: 9559
Ion Ratio Lower Upper
276 100
138 18.1 13.8 20.8
277 22.9 19.5 29.3



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:264 Resp: 7232
Ion Ratio Lower Upper
264 100
260 25.6 21.2 31.8
265 35.1 24.6 36.8

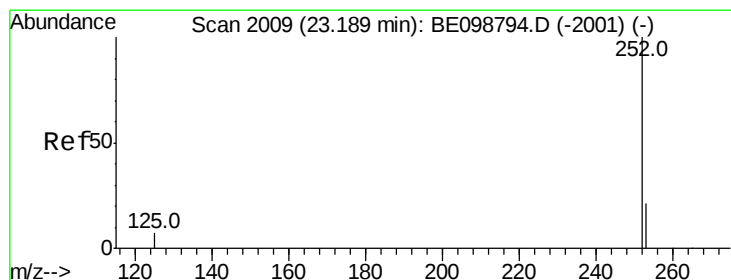
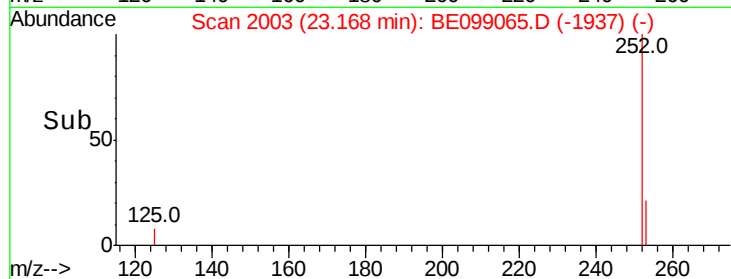
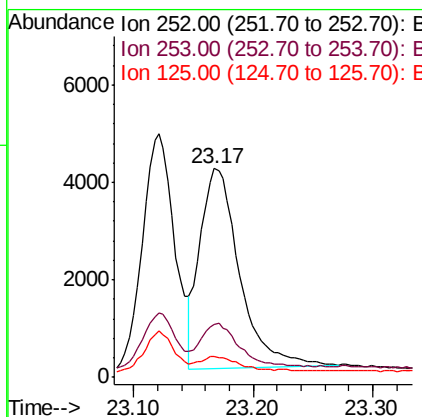
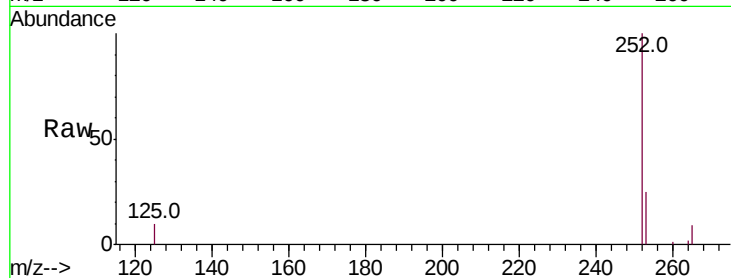




#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 23.17 min Scan# 2003
Delta R.T. 0.04 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

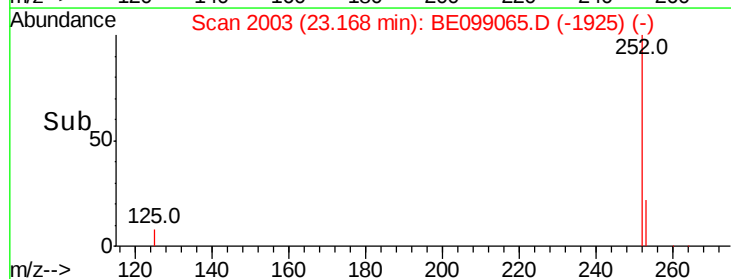
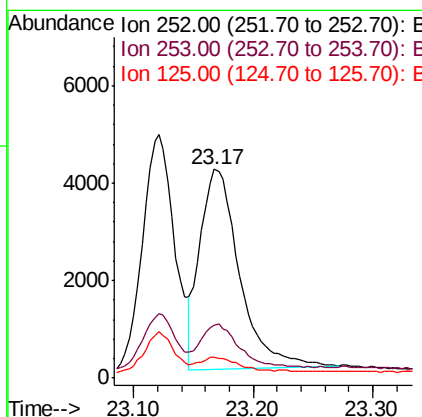
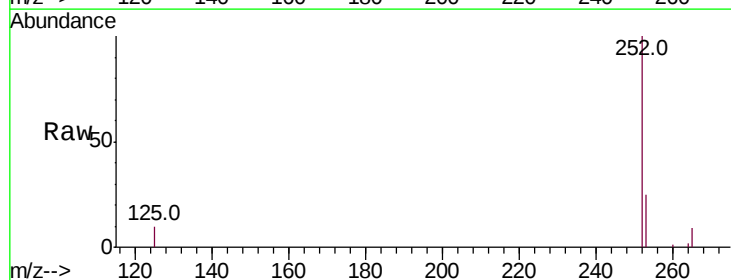
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

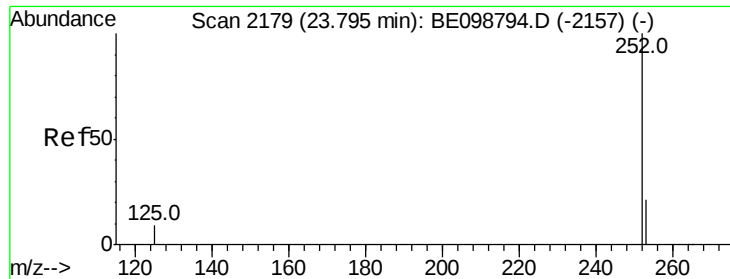
Tot Ion:252 Resp: 9407
Ion Ratio Lower Upper
252 100
253 25.2 18.2 27.2
125 10.2 7.3 10.9



#36
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.17 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BE099065.D
Acq: 20 Mar 2019 10:10

Tgt Ion:252 Resp: 9407
Ion Ratio Lower Upper
252 100
253 25.2 19.3 28.9
125 10.2 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.393 ng

RT: 23.77 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

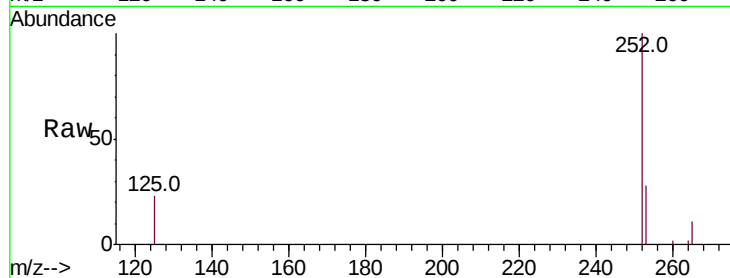
Tot Ion:252 Resp: 8970

Ion Ratio Lower Upper

252 100

253 28.3 19.9 29.9

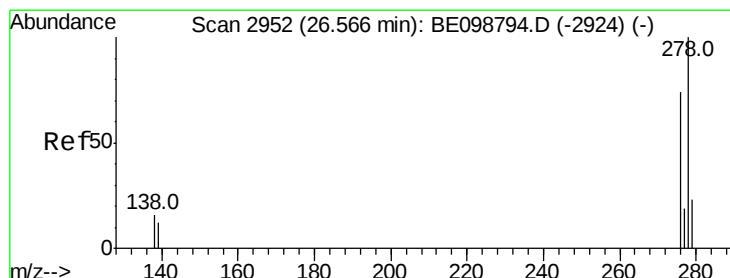
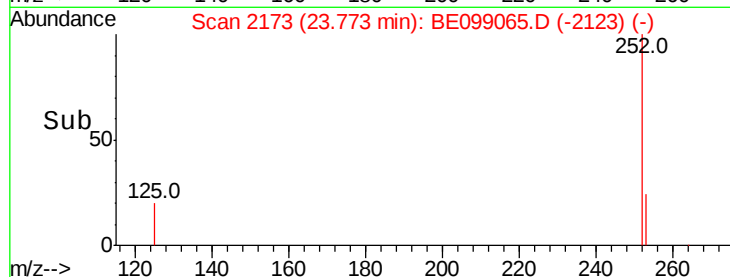
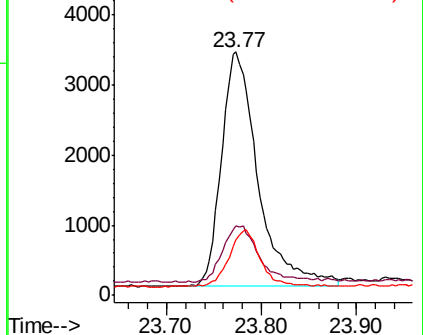
125 22.9 9.0 13.4#



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: 0.308 ng

RT: 26.55 min Scan# 2946

Delta R.T. -0.02 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

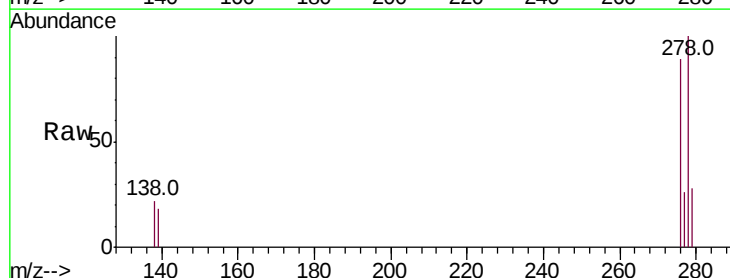
Tgt Ion:278 Resp: 6647

Ion Ratio Lower Upper

278 100

139 18.4 11.8 17.6#

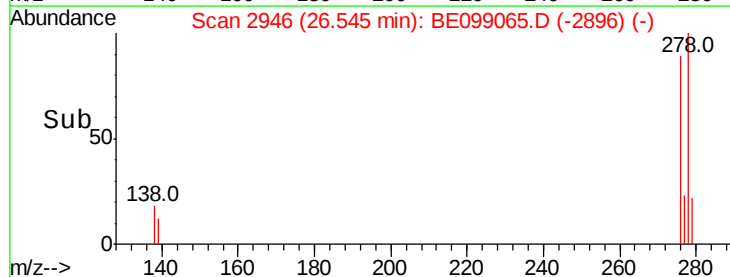
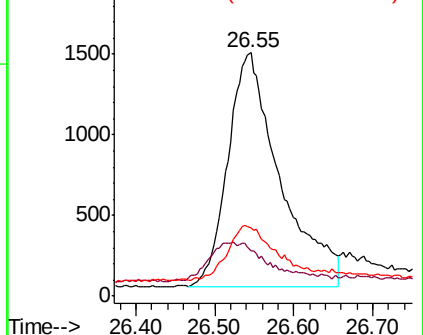
279 27.9 21.1 31.7

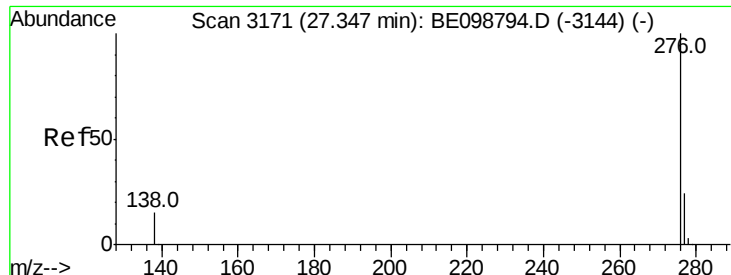


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.324 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BE099065.D

Acq: 20 Mar 2019 10:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

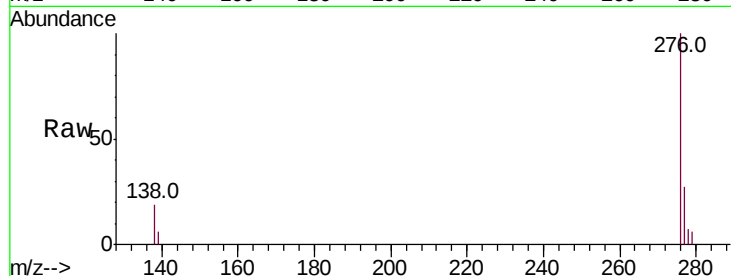
Tot Ion:276 Resp: 7298

Ion Ratio Lower Upper

276 100

277 27.1 20.4 30.6

138 18.6 13.6 20.4



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

