

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE040319\
 Data File : BE099291.D
 Acq On : 3 Apr 2019 14:59
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 04 03:43:05 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	3537	0.40	ng	-0.02
7) Naphthalene-d8	10.61	136	13195	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	8681	0.40	ng	-0.03
19) Phenanthrene-d10	17.19	188	26000	0.40	ng	-0.03
27) Chrysene-d12	21.37	240	36623	0.40	ng	-0.02
34) Perylene-d12	23.86	264	38314	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	3777	0.40	ng	-0.02
5) Phenol-d6	6.98	99	5013	0.39	ng	-0.01
8) Nitrobenzene-d5	8.96	82	3811	0.42	ng	-0.03
11) 2-Methylnaphthalene-d10	12.21	152	9630	0.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.94	330	1513	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	15304	0.45	ng	-0.02
25) Fluoranthene-d10	19.22	212	136825	0.40	ng	-0.02
29) Terphenyl-d14	19.82	244	29032	0.43	ng	-0.02

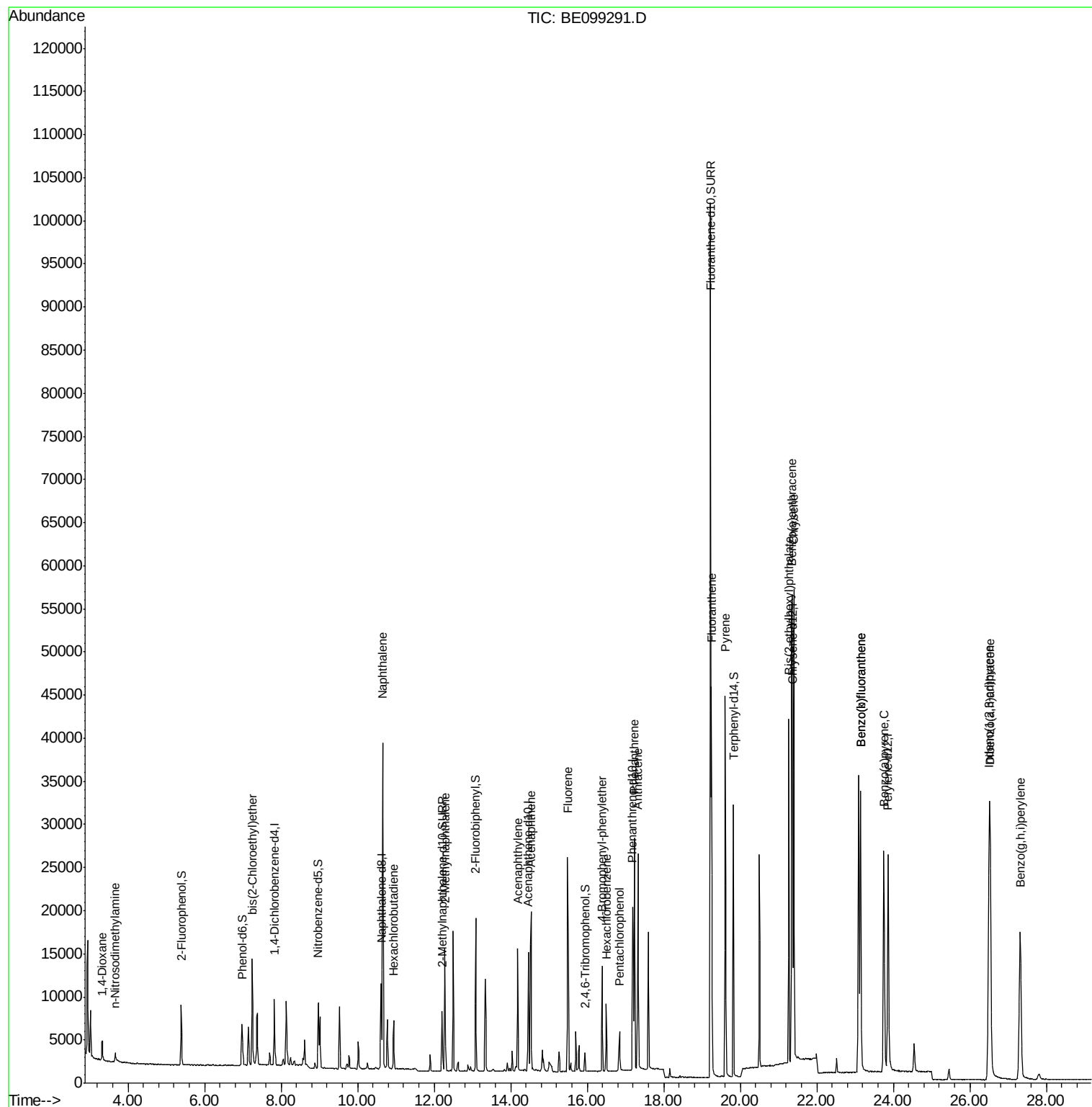
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	2052	0.426	ng	# 96
3) n-Nitrosodimethylamine	3.65	42	926	0.325	ng	# 87
6) bis(2-Chloroethyl)ether	7.24	93	4820	0.416	ng	99
9) Naphthalene	10.65	128	61956	0.432	ng	99
10) Hexachlorobutadiene	10.94	225	3861	0.414	ng	97
12) 2-Methylnaphthalene	12.28	142	10224	0.419	ng	99
16) Acenaphthylene	14.18	152	16316	0.397	ng	99
17) Acenaphthene	14.53	154	10540	0.434	ng	98
18) Fluorene	15.49	166	14874	0.424	ng	98
20) 4-Bromophenyl-phenylether	16.38	248	6082	0.412	ng	# 82
21) Hexachlorobenzene	16.49	284	6031	0.429	ng	99
22) Pentachlorophenol	16.84	266	2542	0.436	ng	88
23) Phenanthrene	17.23	178	28774	0.428	ng	100
24) Anthracene	17.32	178	25087	0.395	ng	99
26) Fluoranthene	19.25	202	40300	0.406	ng	99
28) Pyrene	19.61	202	41198	0.426	ng	100
30) Benzo(a)anthracene	21.34	228	46651	0.405	ng	99
31) Chrysene	21.40	228	48163	0.426	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	40273	0.274	ng	100
33) Indeno(1,2,3-cd)pyrene	26.50	276	54396	0.421	ng	98
35) Benzo(b)fluoranthene	23.14	252	48211	0.422	ng	99
36) Benzo(k)fluoranthene	23.14	252	48211	0.433	ng	99
37) Benzo(a)pyrene	23.75	252	43547	0.405	ng	# 98
38) Dibenzo(a,h)anthracene	26.53	278	45100	0.422	ng	98
39) Benzo(g,h,i)perylene	27.31	276	44512	0.418	ng	99

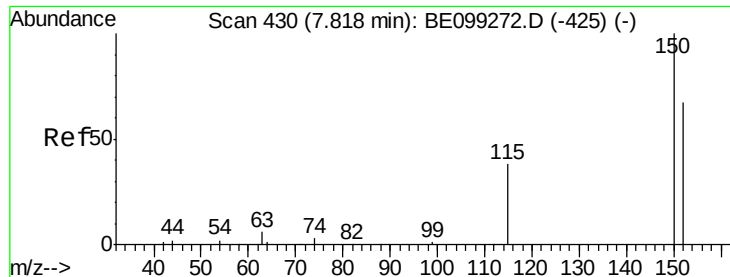
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

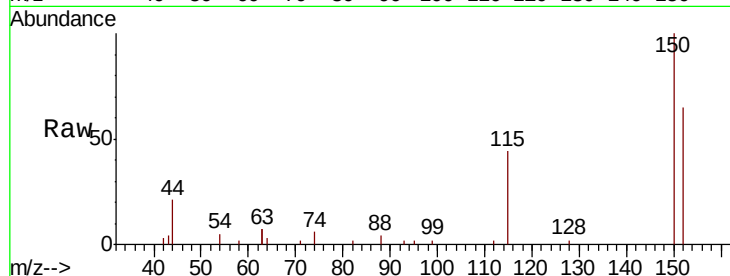
Tgt Ion:152 Resp: 3537

Ion Ratio Lower Upper

152 100

150 153.2 112.8 169.2

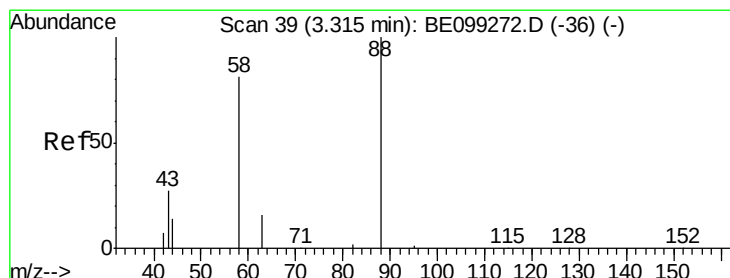
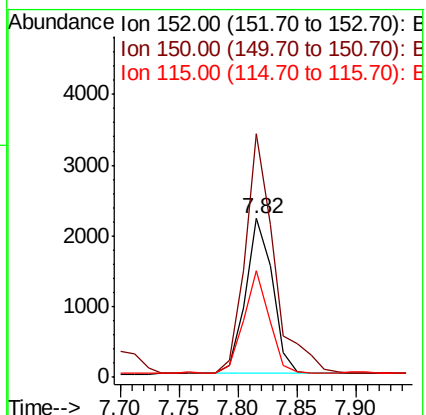
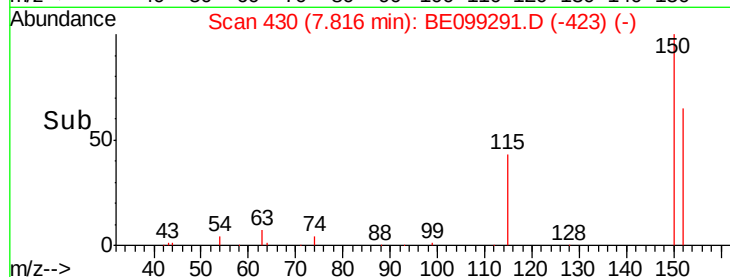
115 67.5 45.1 67.7



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: 0.426 ng

RT: 3.32 min Scan# 40

Delta R.T. -0.01 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

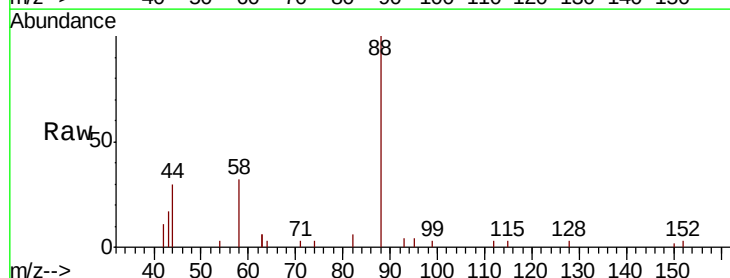
Tgt Ion: 88 Resp: 2052

Ion Ratio Lower Upper

88 100

58 60.6 47.4 71.0

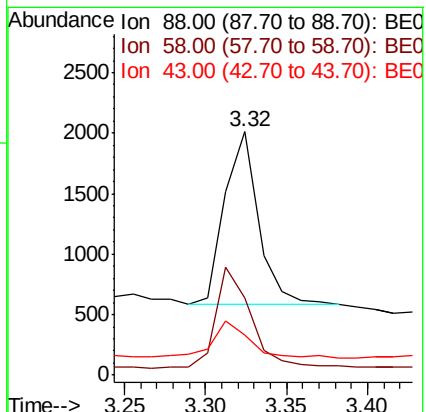
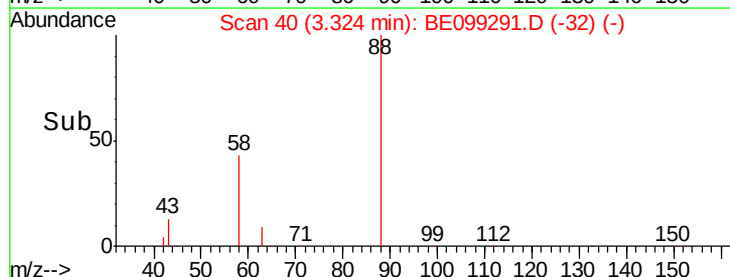
43 23.7 15.6 23.4#

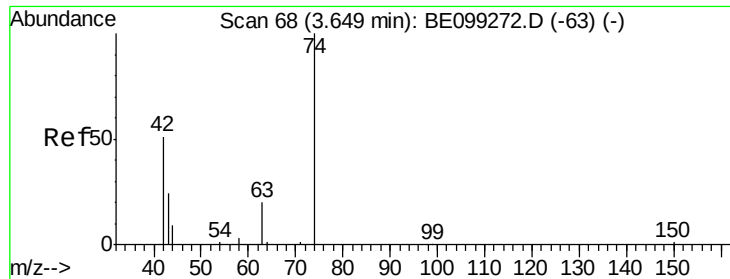


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.325 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

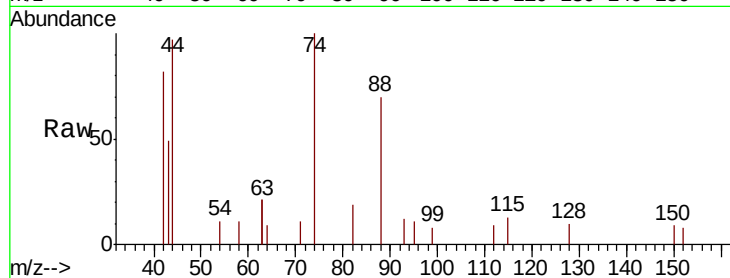
Tgt Ion: 42 Resp: 926

Ion Ratio Lower Upper

42 100

74 189.7 138.6 207.8

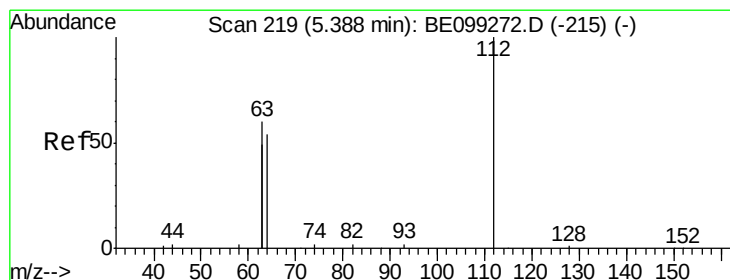
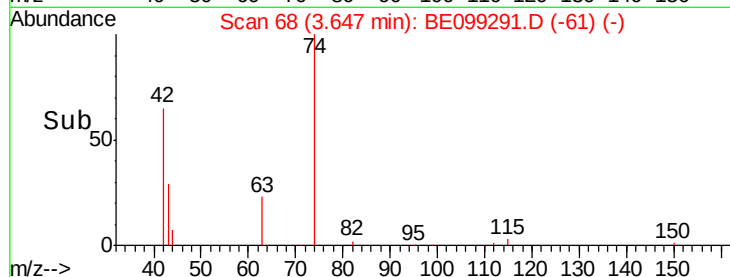
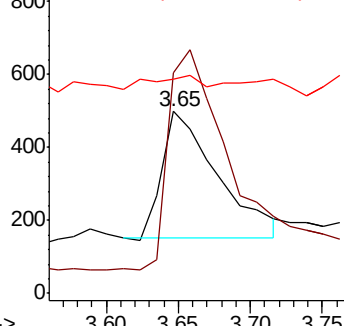
44 10.3 15.0 22.6#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.402 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

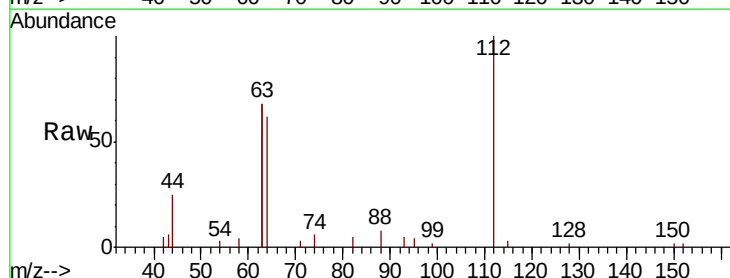
Tgt Ion: 112 Resp: 3777

Ion Ratio Lower Upper

112 100

64 55.5 46.2 69.2

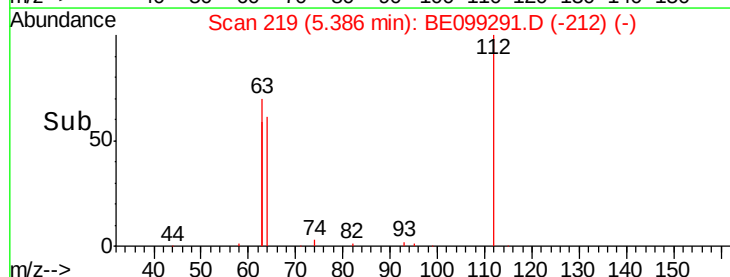
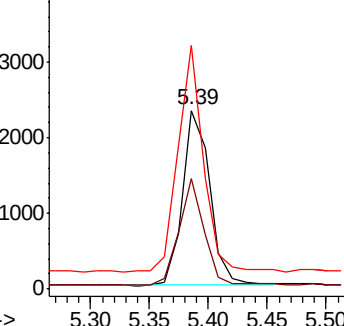
63 118.9 89.9 134.9

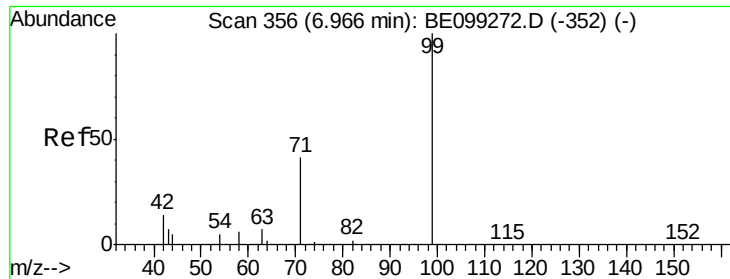


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.388 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

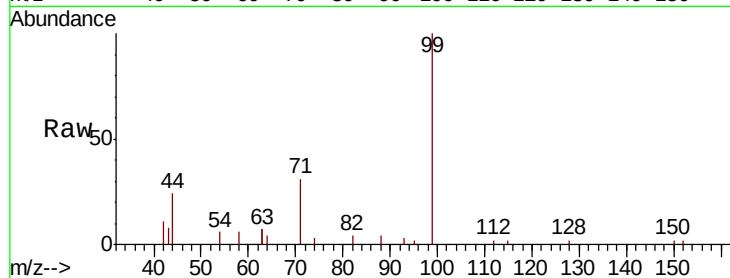
Tgt Ion: 99 Resp: 5013

Ion Ratio Lower Upper

99 100

42 16.6 12.4 18.6

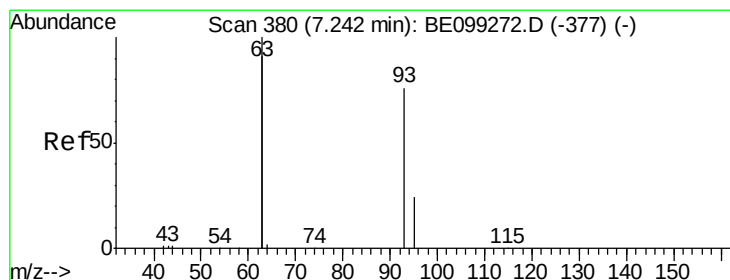
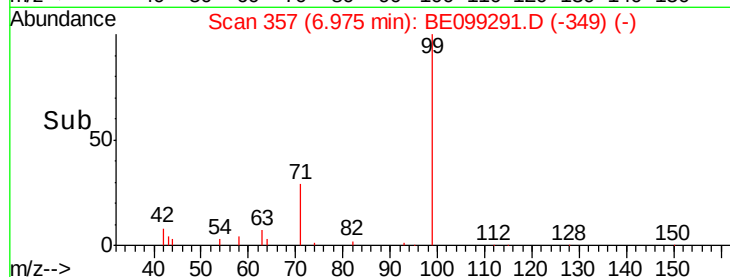
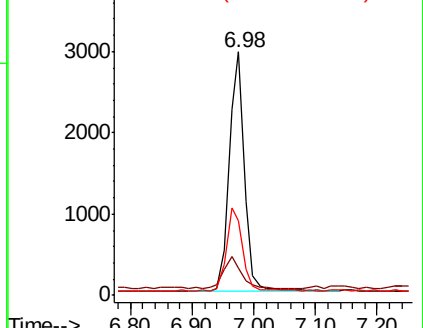
71 37.0 28.4 42.6



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: 0.416 ng

RT: 7.24 min Scan# 380

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

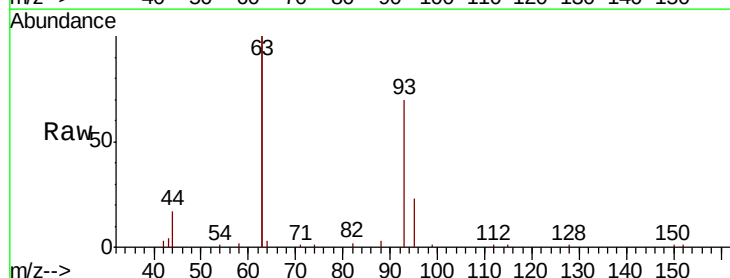
Tgt Ion: 93 Resp: 4820

Ion Ratio Lower Upper

93 100

63 275.5 221.4 332.0

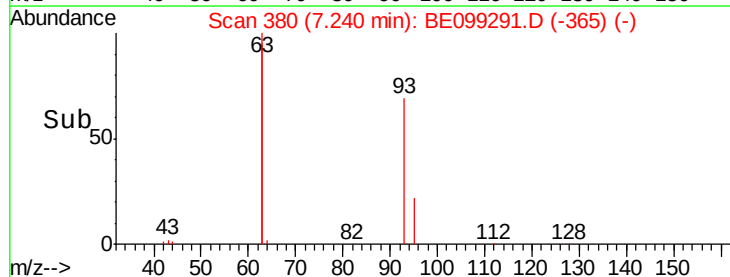
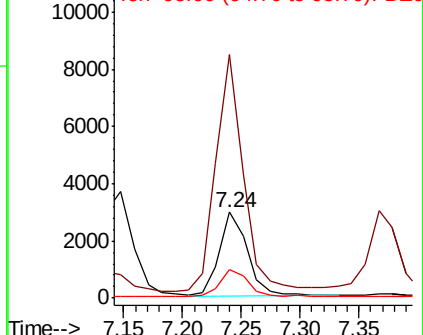
95 32.9 25.8 38.8

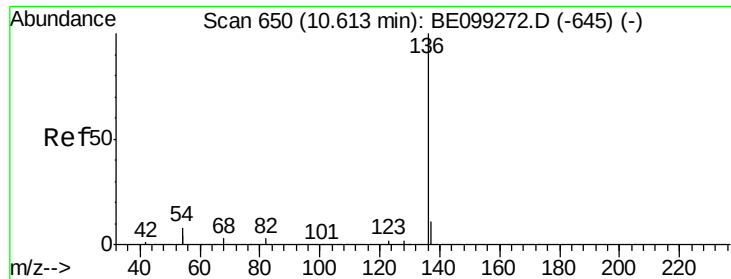


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 13195

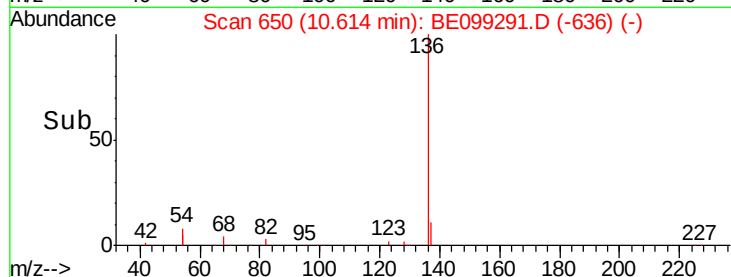
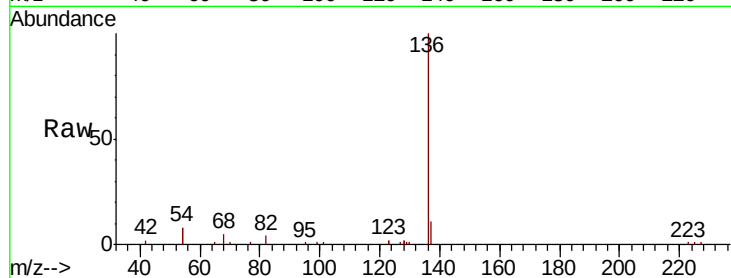
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 15.7 18.7 28.1#

68 4.6 5.2 7.8#



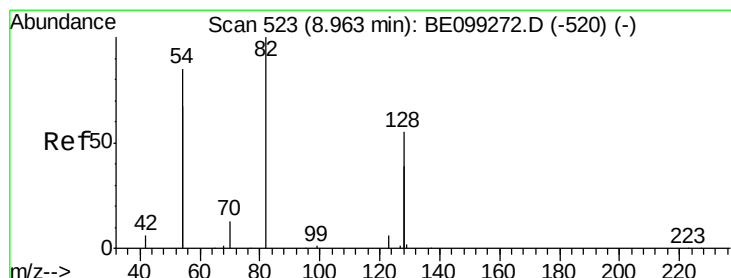
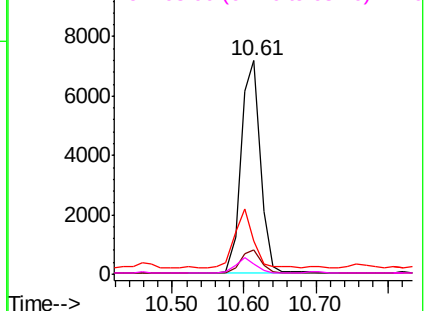
Abundance

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: 0.421 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.03 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

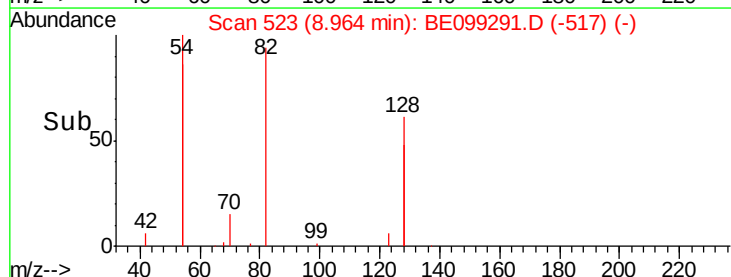
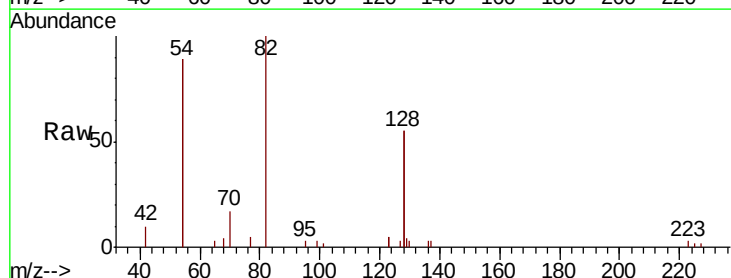
Tgt Ion: 82 Resp: 3811

Ion Ratio Lower Upper

82 100

128 109.5 107.5 161.3

54 178.6 106.3 159.5#

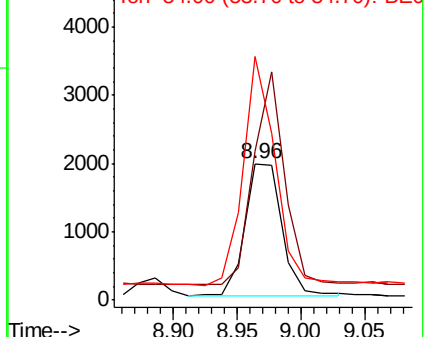


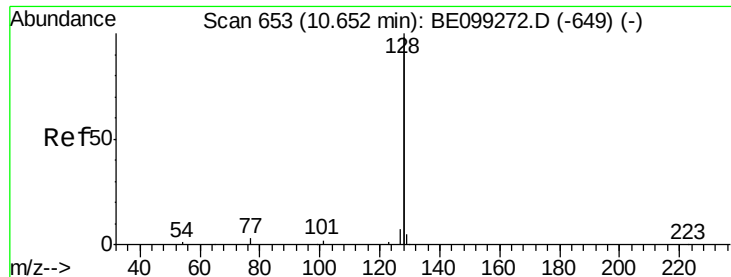
Abundance

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: 0.432 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.03 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

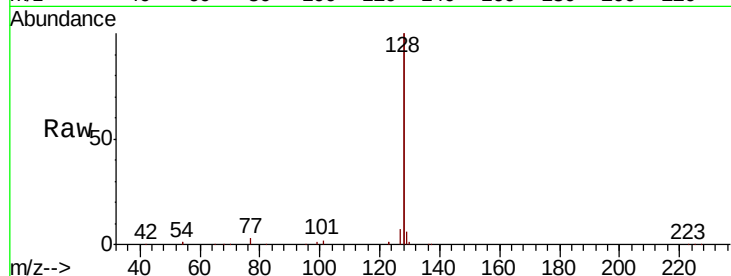
Tgt Ion:128 Resp: 61956

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

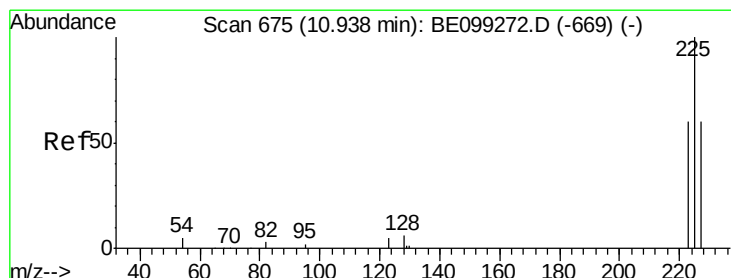
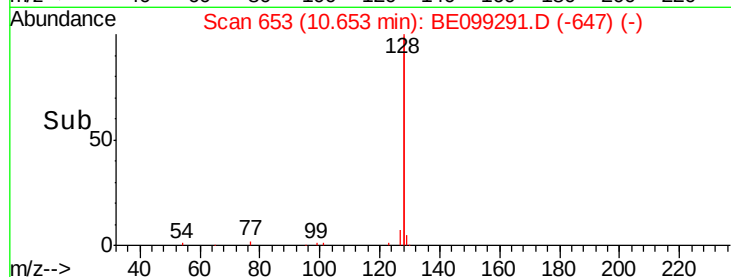
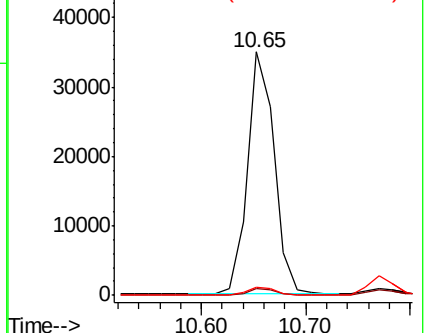
127 3.5 2.6 3.8



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: 0.414 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

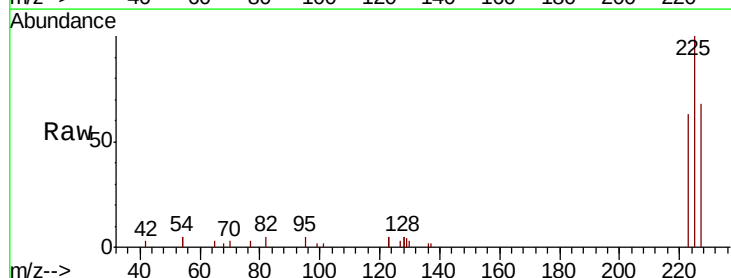
Tgt Ion:225 Resp: 3861

Ion Ratio Lower Upper

225 100

223 65.1 51.3 76.9

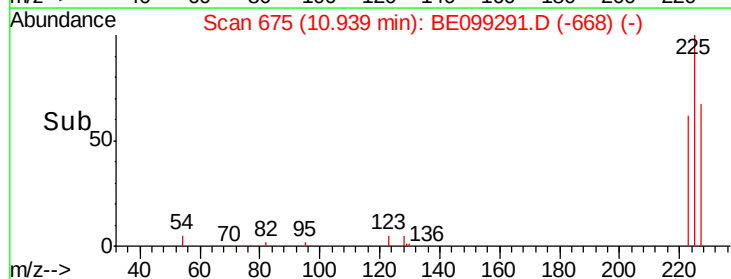
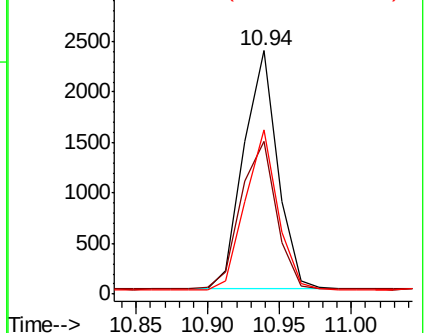
227 64.8 48.6 73.0

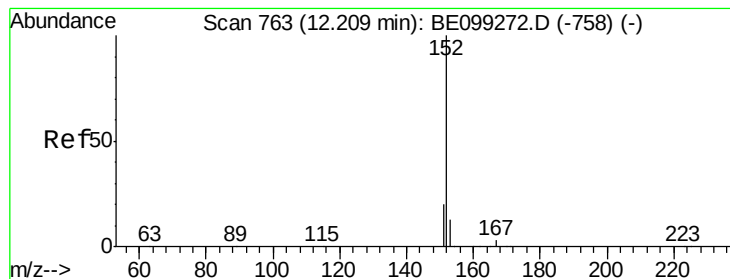


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.418 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

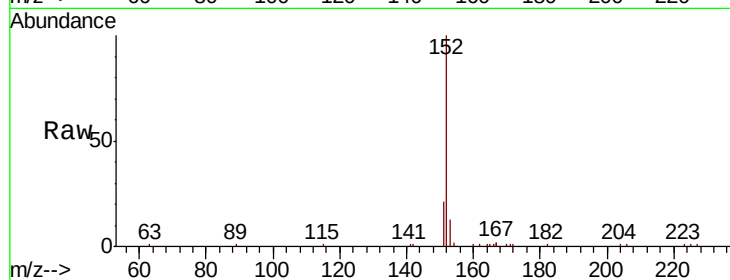
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9630

Ion Ratio Lower Upper

152 100

151 20.1 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

6000

5000

4000

3000

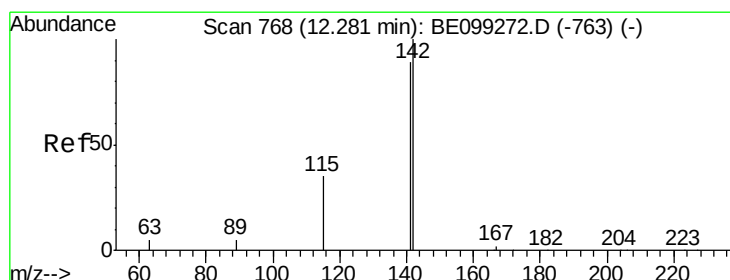
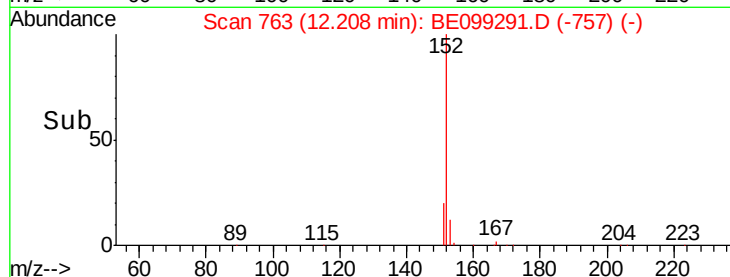
2000

1000

0

Time-->

12.10 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.419 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

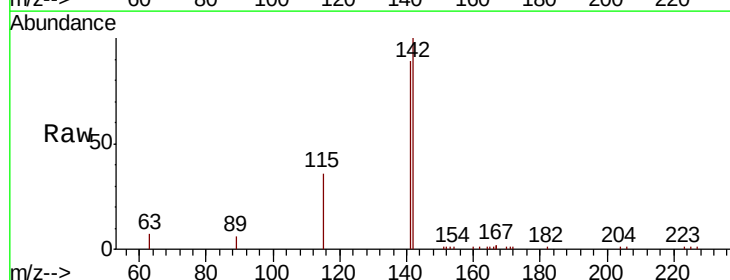
Tgt Ion:142 Resp: 10224

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9

115 36.2 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

8000

6000

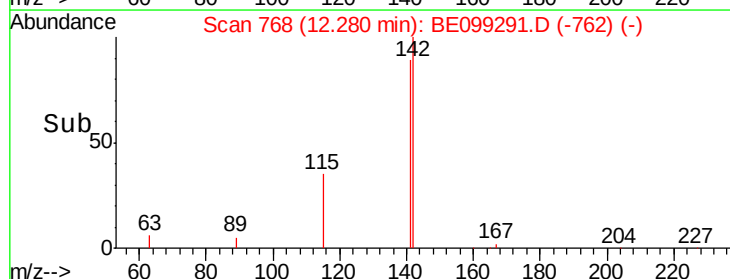
4000

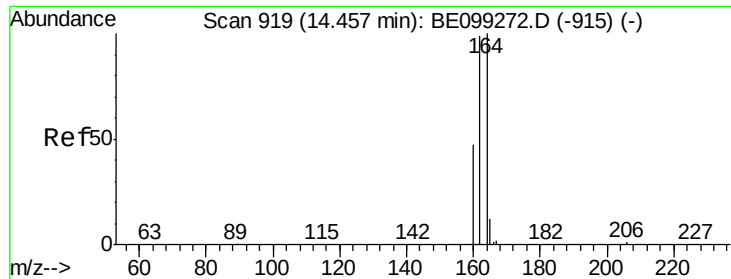
2000

0

Time-->

12.20 12.30

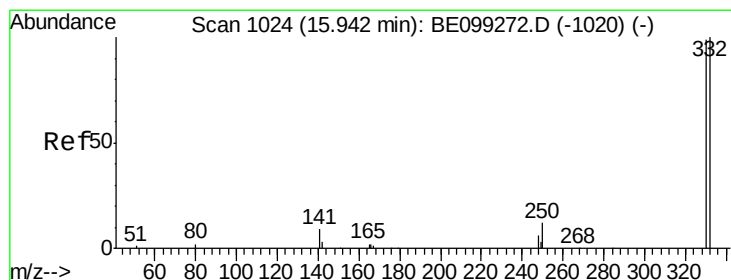
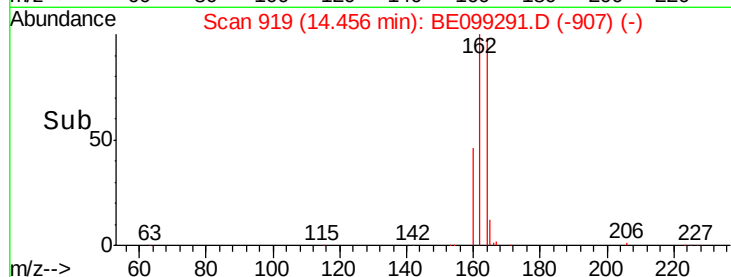
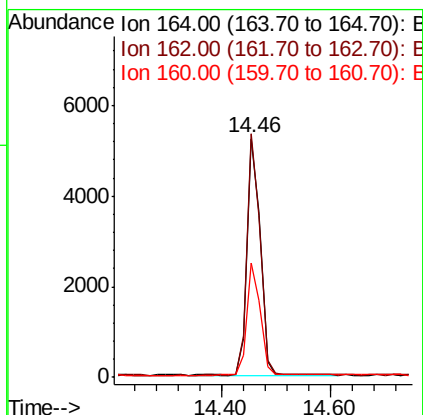
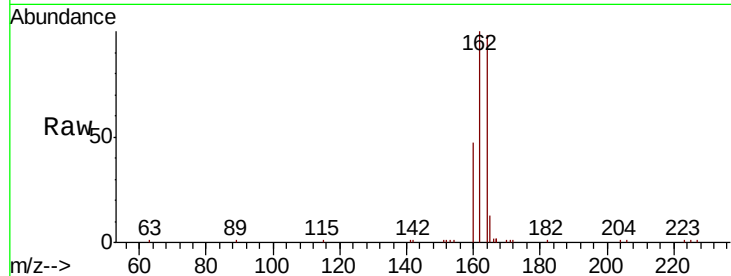




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

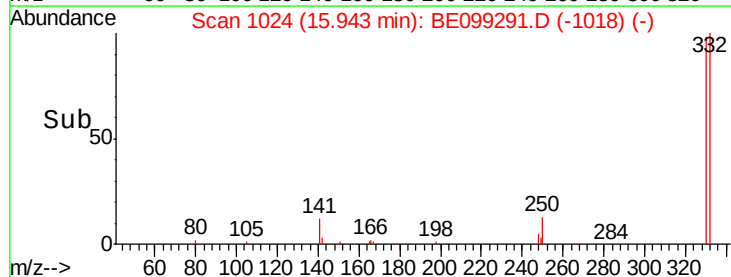
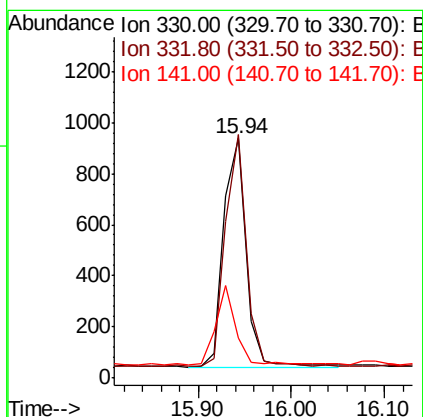
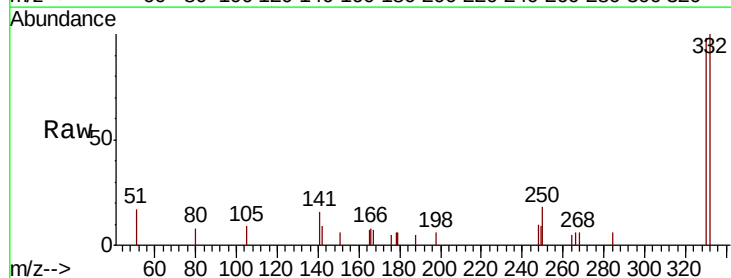
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

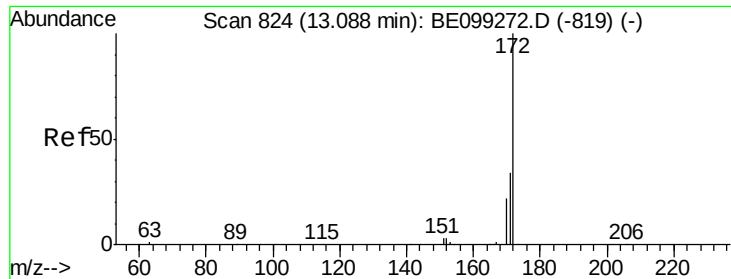
Tgt Ion:164 Resp: 8681
Ion Ratio Lower Upper
164 100
162 102.0 79.2 118.8
160 47.7 36.7 55.1



#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:330 Resp: 1513
Ion Ratio Lower Upper
330 100
332 94.3 71.3 106.9
141 30.7 21.7 32.5

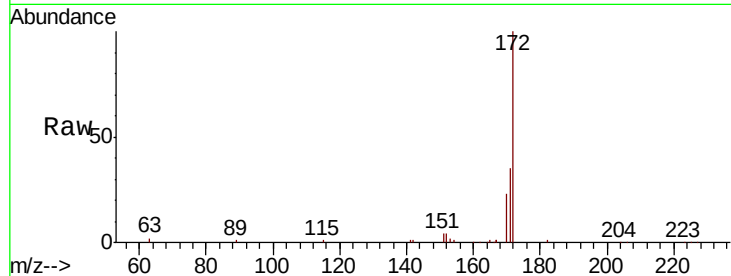




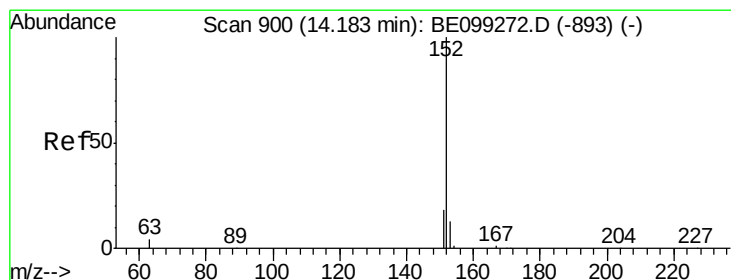
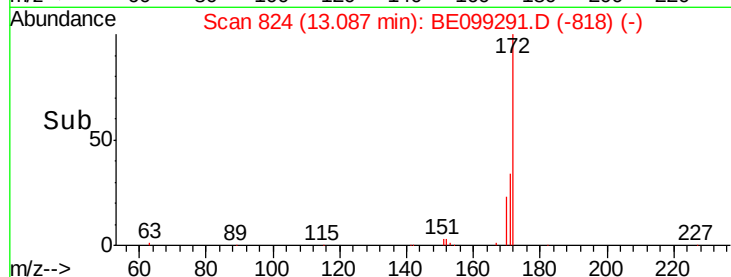
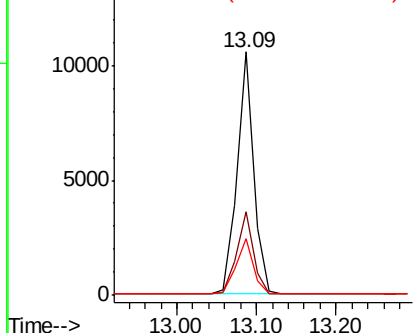
#15
 2-Fluorobiphenyl
 Concen: 0.448 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BE099291.D
 Acq: 3 Apr 2019 14:59

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Tgt Ion:172 Resp: 15304
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.4 41.0
 170 23.3 19.1 28.7

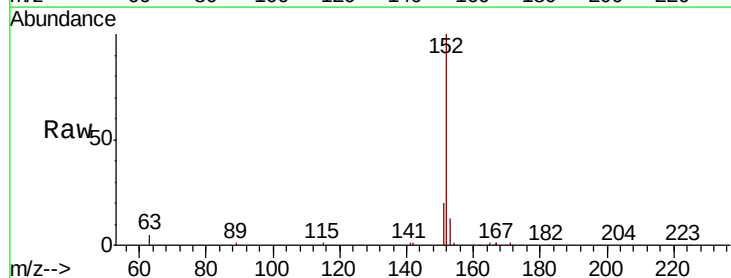


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

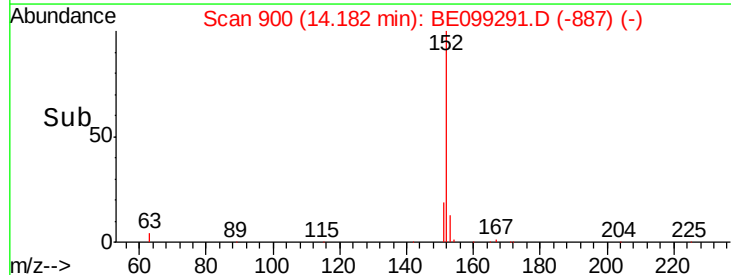
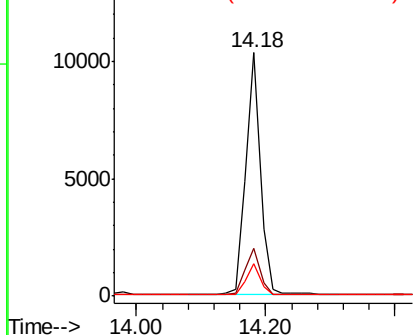


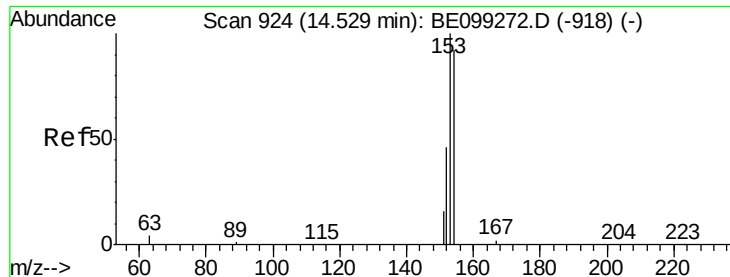
#16
 Acenaphthylene
 Concen: 0.397 ng
 RT: 14.18 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BE099291.D
 Acq: 3 Apr 2019 14:59

Tgt Ion:152 Resp: 16316
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.7 23.5
 153 12.8 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

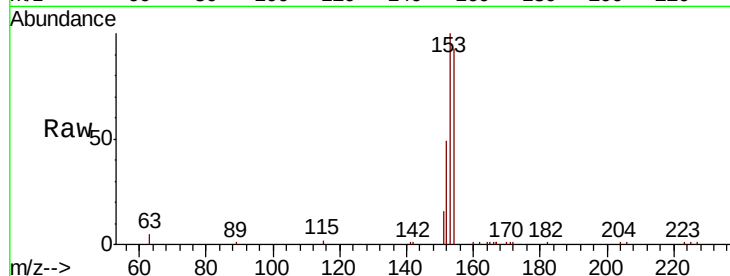




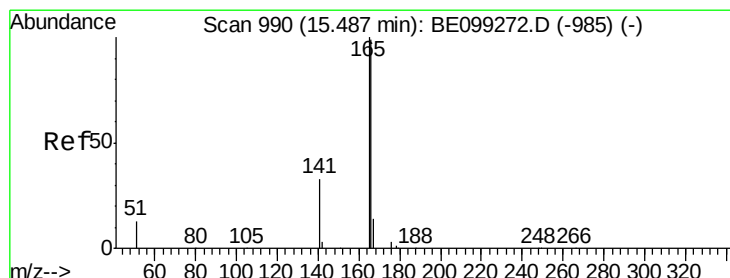
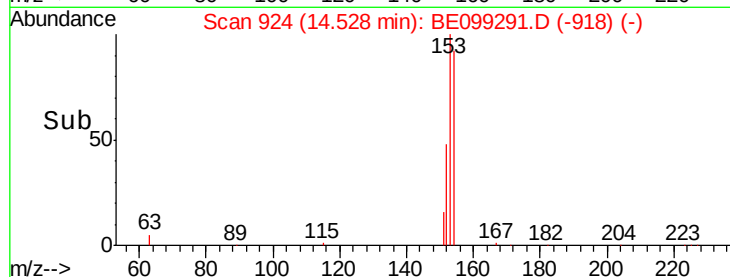
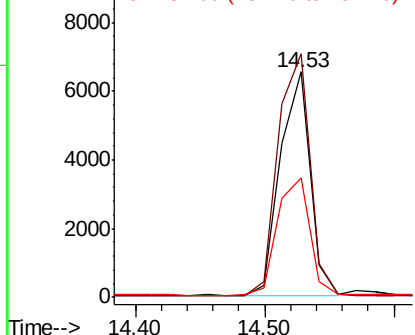
#17
Acenaphthene
Concen: 0.434 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.02 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10540
Ion Ratio Lower Upper
154 100
153 115.1 93.4 140.0
152 56.9 46.6 69.8

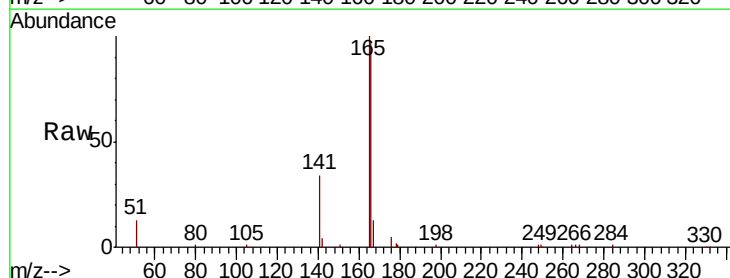


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

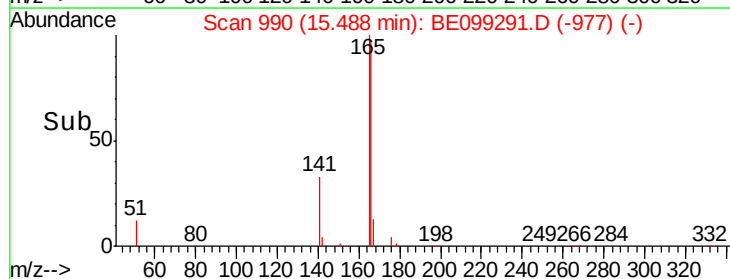
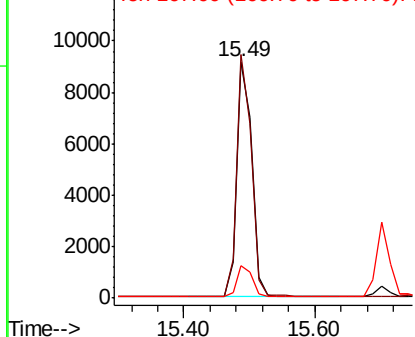


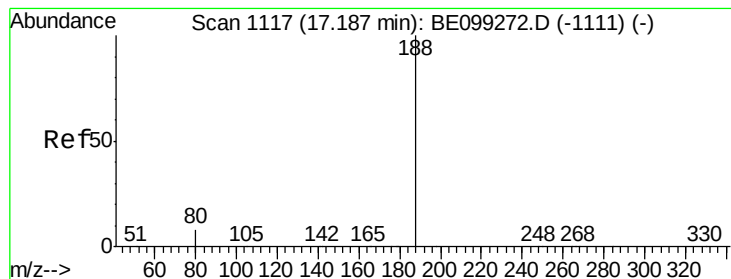
#18
Fluorene
Concen: 0.424 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:166 Resp: 14874
Ion Ratio Lower Upper
166 100
165 100.1 78.9 118.3
167 13.1 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: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

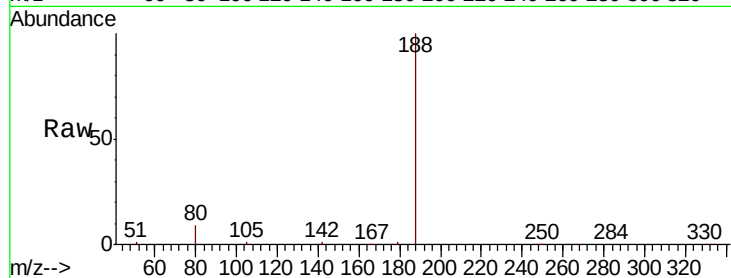
Tgt Ion:188 Resp: 26000

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

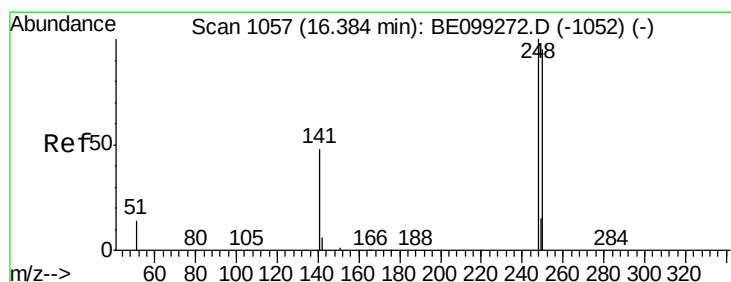
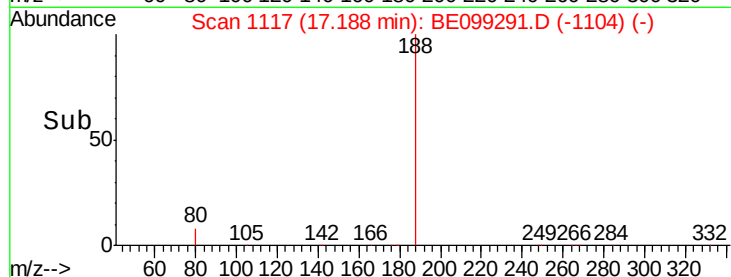
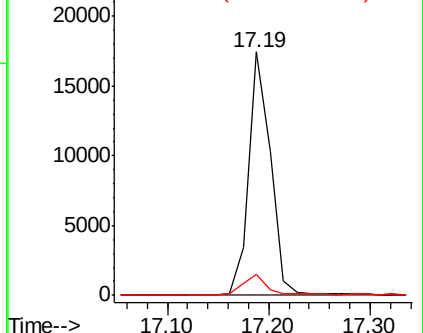
80 8.5 4.5 6.7#



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: 0.412 ng

RT: 16.38 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

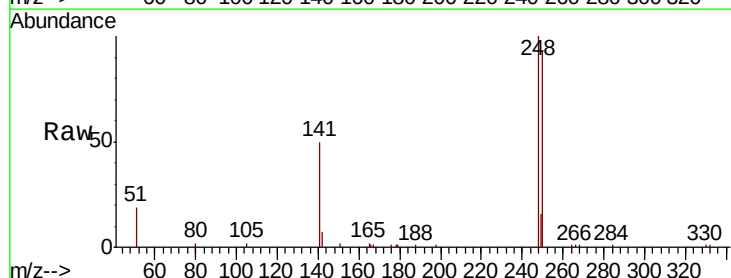
Tgt Ion:248 Resp: 6082

Ion Ratio Lower Upper

248 100

250 93.1 84.2 126.2

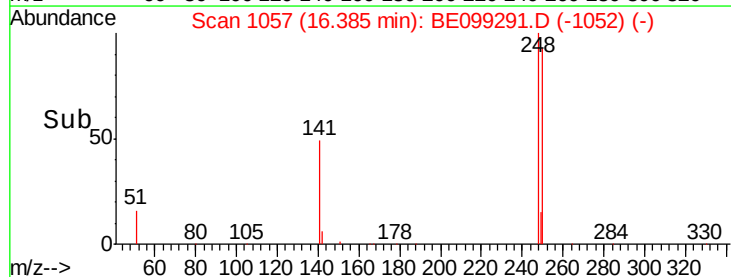
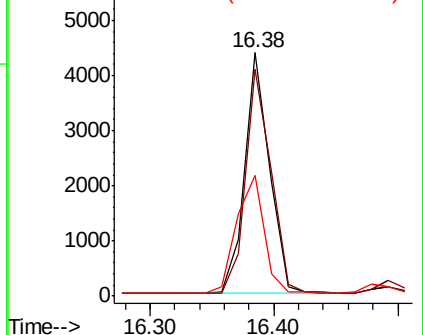
141 49.6 21.8 32.6#

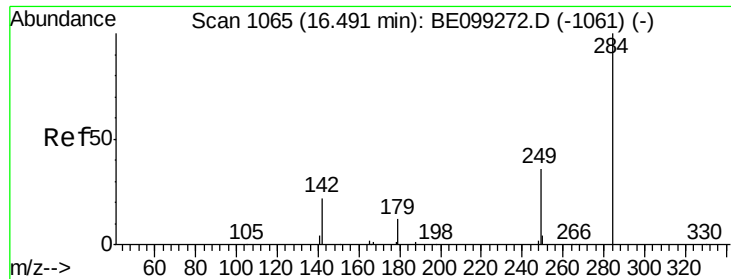


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

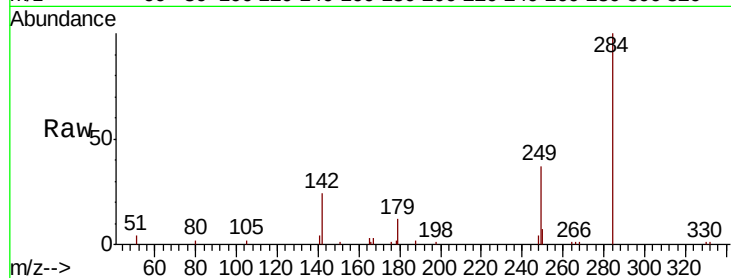




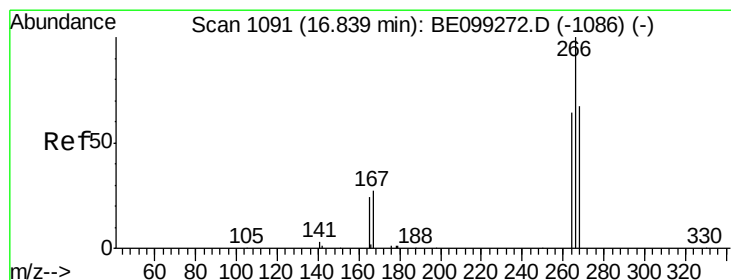
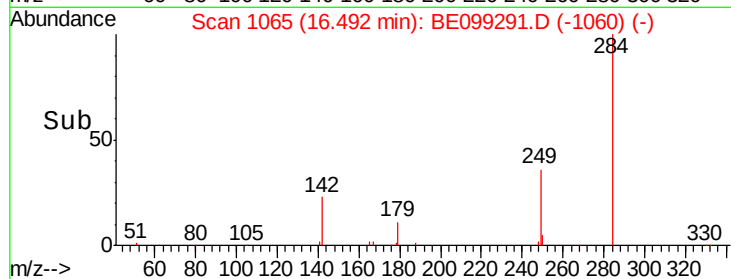
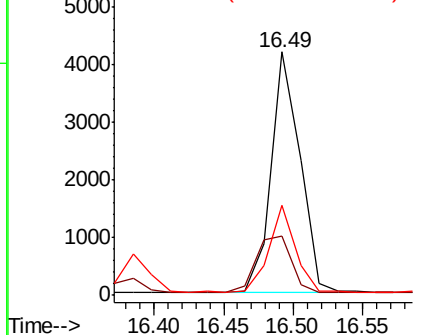
#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.49 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 6031
Ion Ratio Lower Upper
284 100
142 28.2 22.7 34.1
249 33.1 26.9 40.3

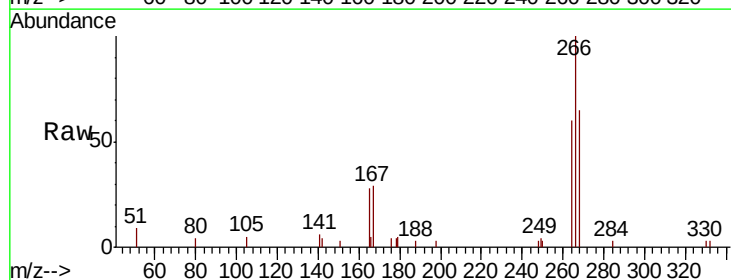


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

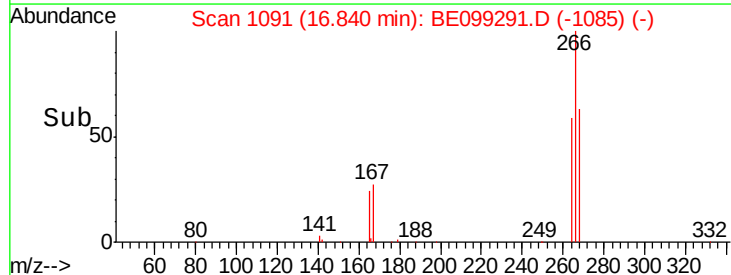
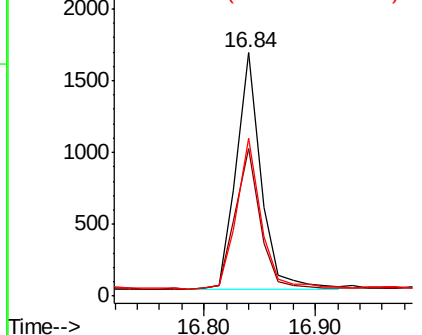


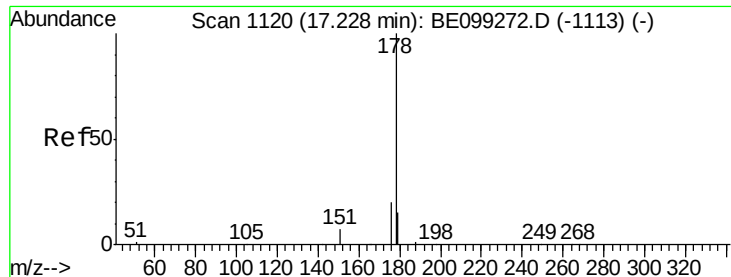
#22
Pentachlorophenol
Concen: 0.436 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE099291.D
Acq: 3 Apr 2019 14:59

Tgt Ion:266 Resp: 2542
Ion Ratio Lower Upper
266 100
264 60.4 54.4 81.6
268 64.7 61.3 91.9



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: 0.428 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.03 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

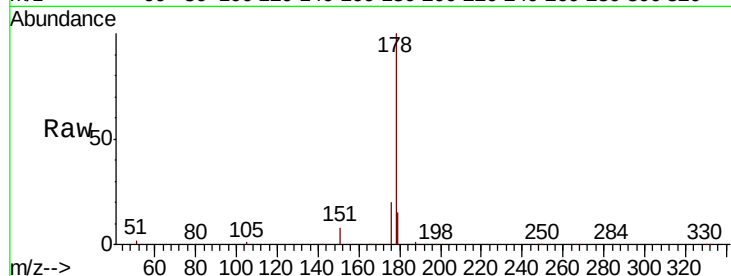
Tgt Ion:178 Resp: 28774

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

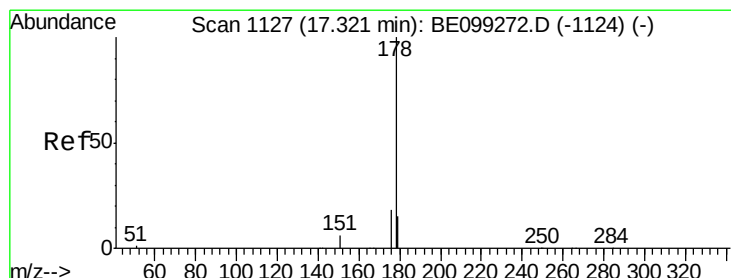
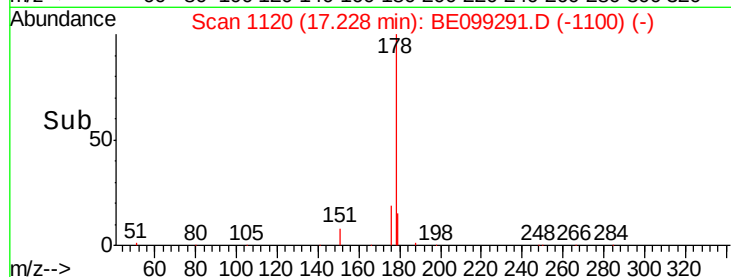
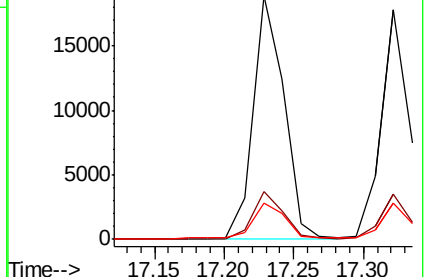
179 15.4 12.3 18.5



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: 0.395 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

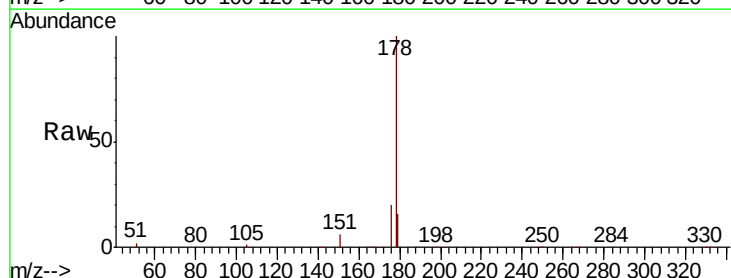
Tgt Ion:178 Resp: 25087

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

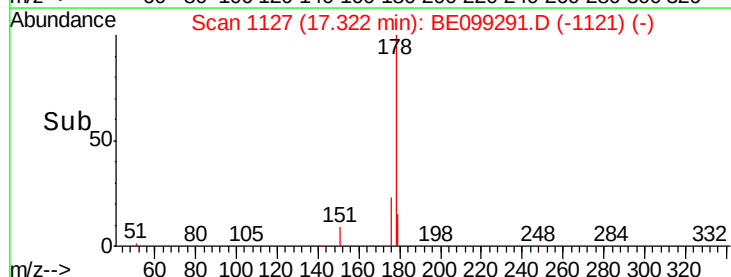
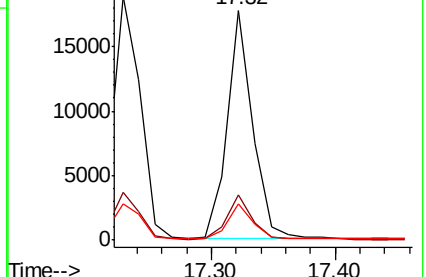
179 15.0 12.4 18.6

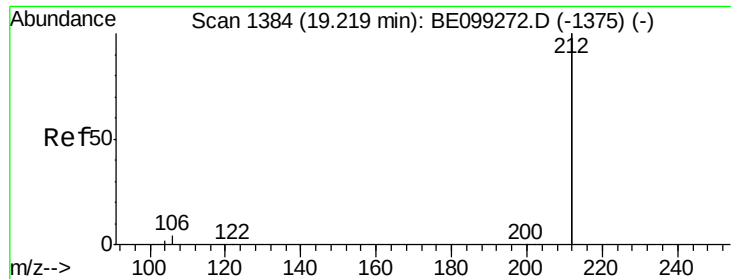


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.399 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

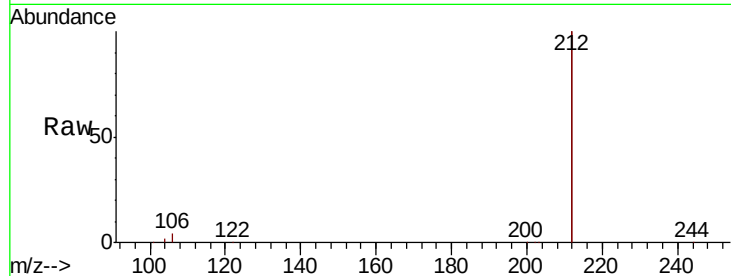
Tgt Ion:212 Resp: 136825

Ion Ratio Lower Upper

212 100

106 2.1 1.8 2.8

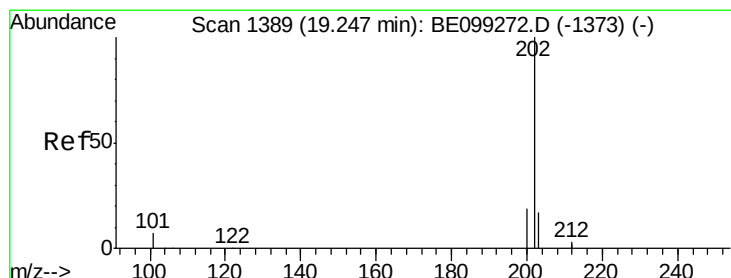
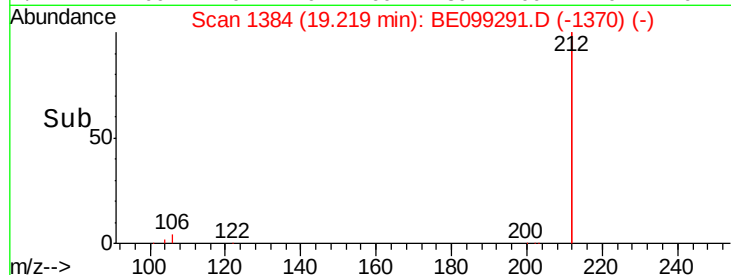
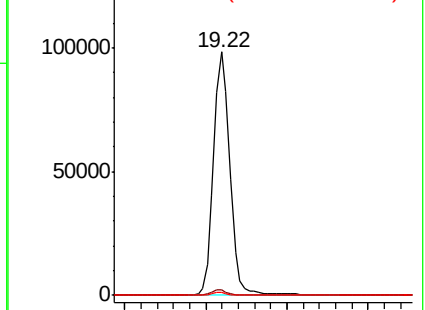
104 1.2 1.1 1.7



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



#26

Fluoranthene

Concen: 0.406 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

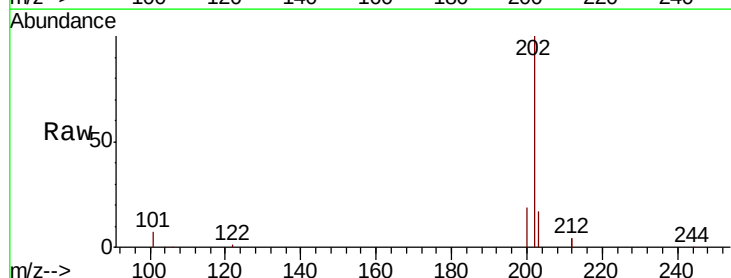
Tgt Ion:202 Resp: 40300

Ion Ratio Lower Upper

202 100

101 7.5 7.0 10.4

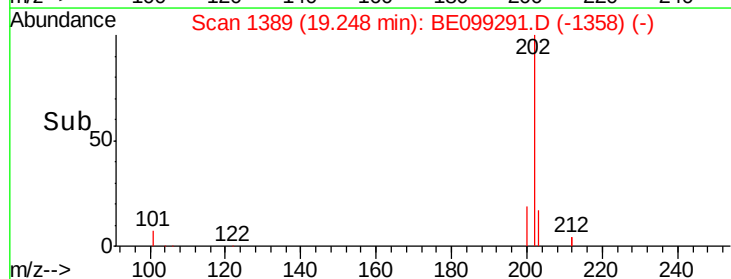
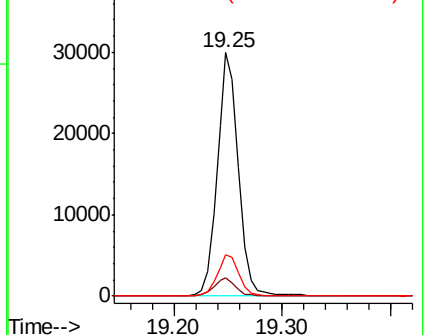
203 17.2 13.8 20.6

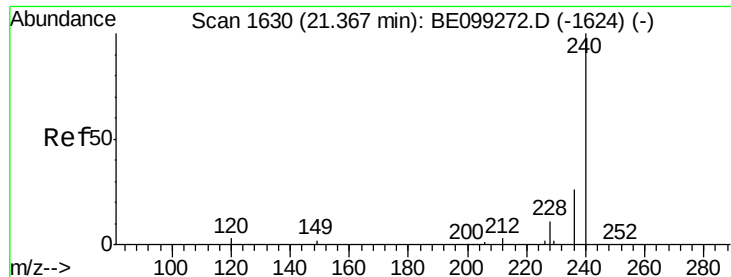


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

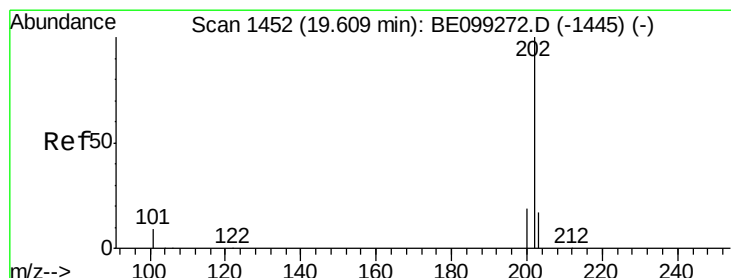
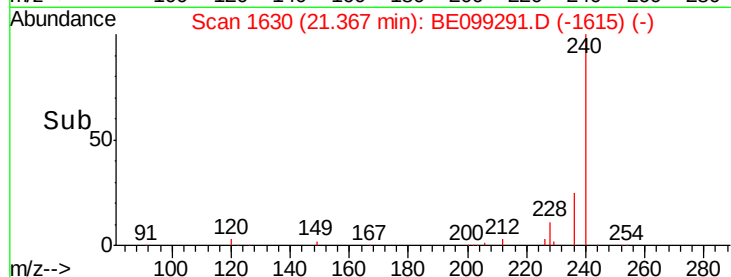
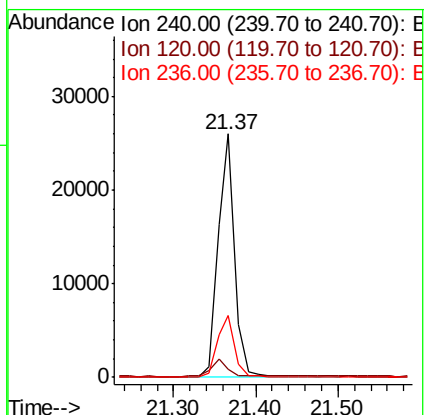
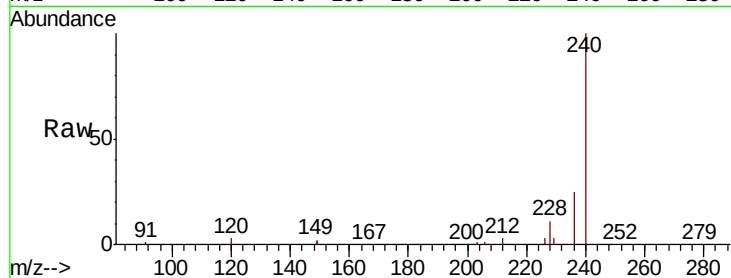
Tgt Ion:240 Resp: 36623

Ion Ratio Lower Upper

240 100

120 3.3 2.6 3.8

236 25.3 20.9 31.3



#28

Pyrene

Concen: 0.426 ng

RT: 19.61 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

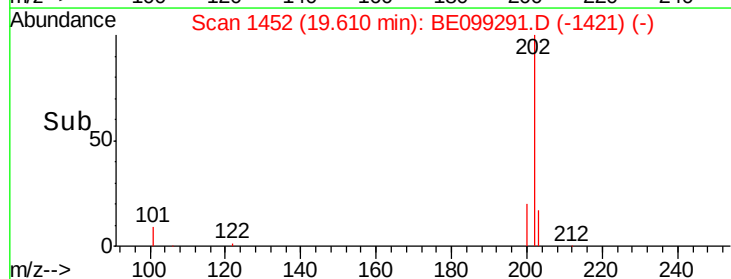
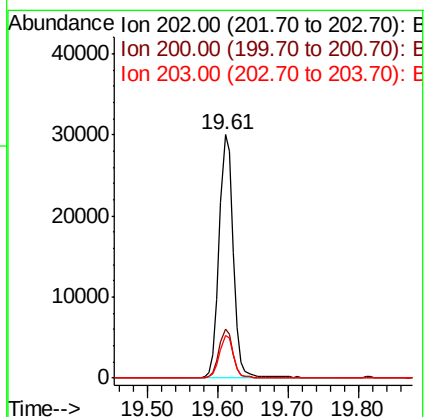
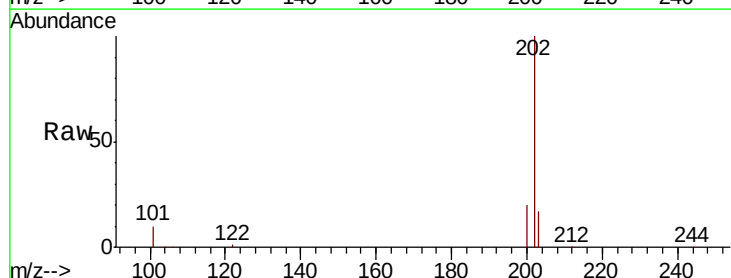
Tgt Ion:202 Resp: 41198

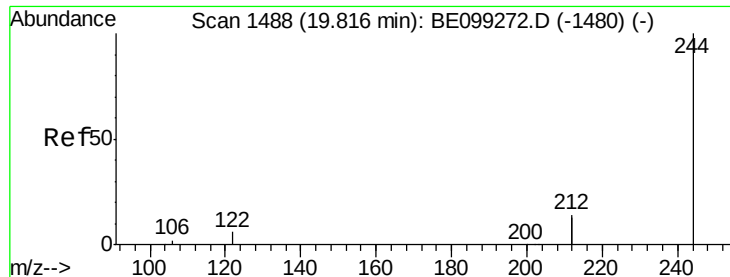
Ion Ratio Lower Upper

202 100

200 19.7 15.8 23.8

203 17.3 14.1 21.1





#29

Terphenyl-d14

Concen: 0.435 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

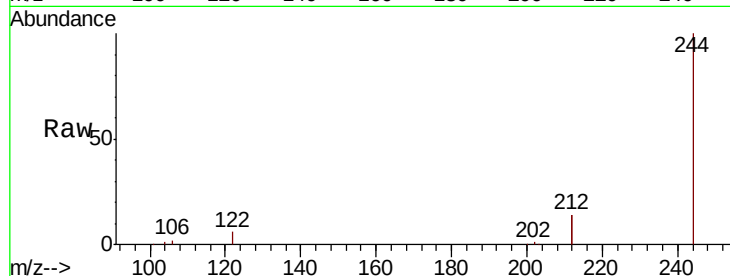
Tgt Ion:244 Resp: 29032

Ion Ratio Lower Upper

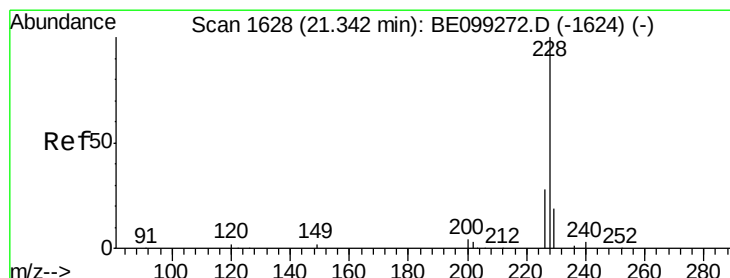
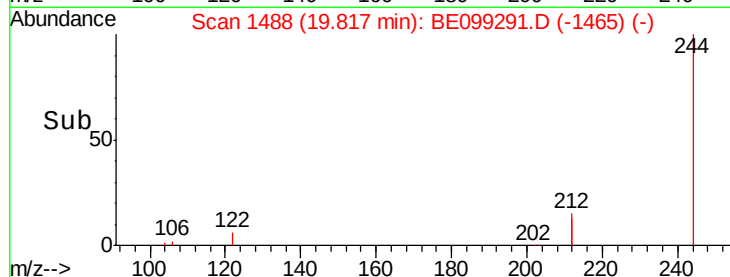
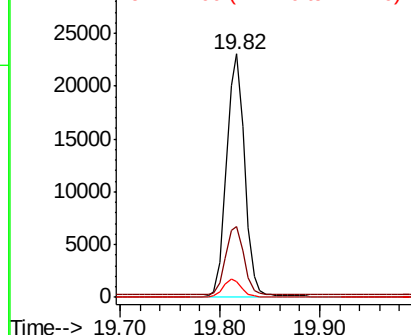
244 100

212 29.0 22.7 34.1

122 6.4 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: 0.405 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

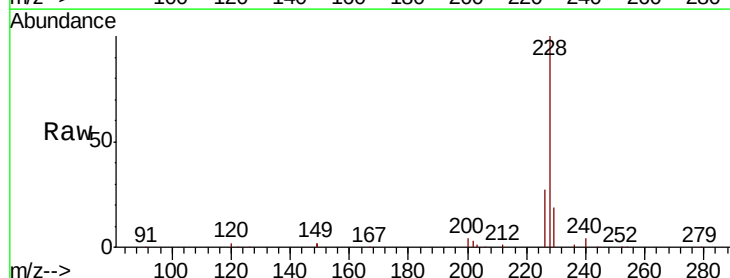
Tgt Ion:228 Resp: 46651

Ion Ratio Lower Upper

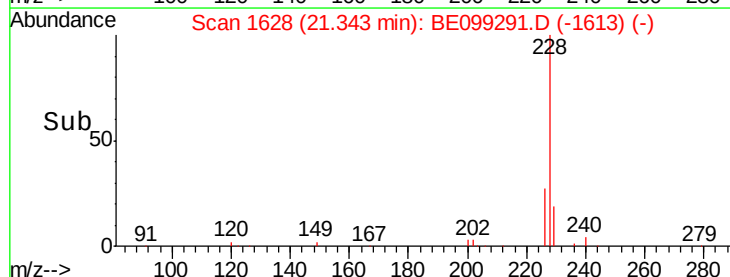
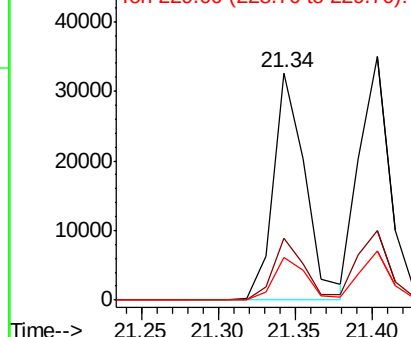
228 100

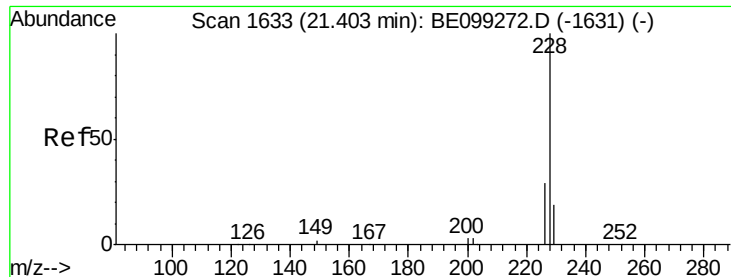
226 27.1 21.7 32.5

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: 0.426 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

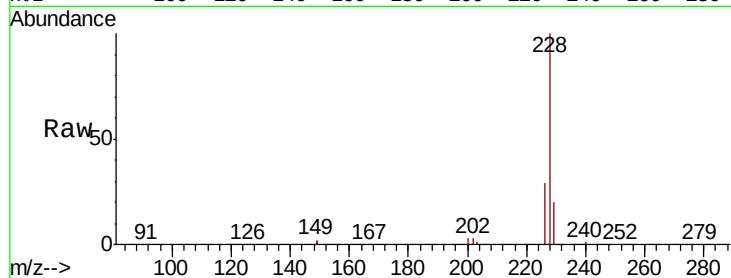
Tgt Ion:228 Resp: 48163

Ion Ratio Lower Upper

228 100

226 28.7 24.8 37.2

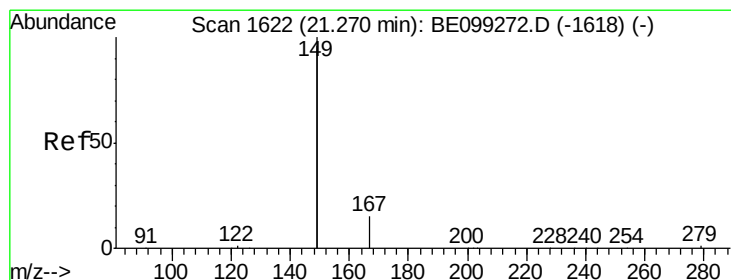
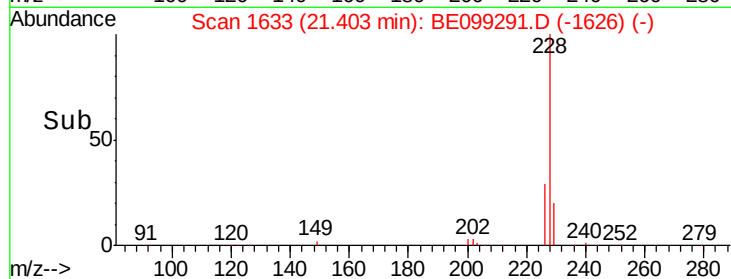
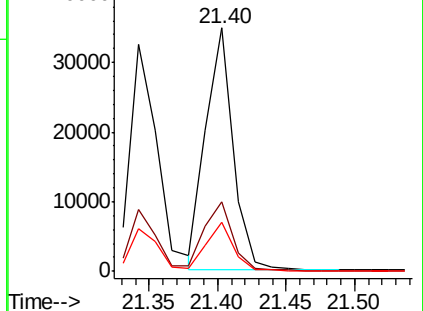
229 20.2 15.4 23.0



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: 0.274 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

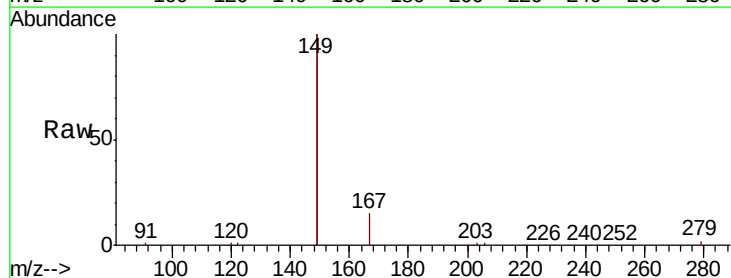
Tgt Ion:149 Resp: 40273

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

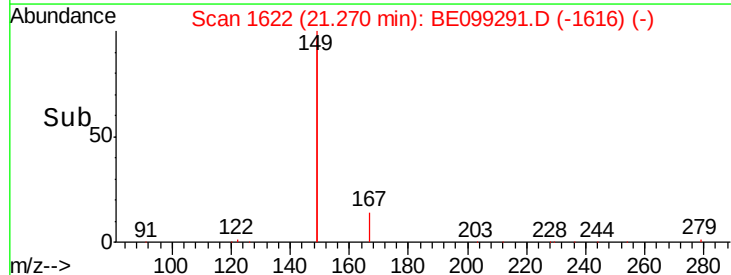
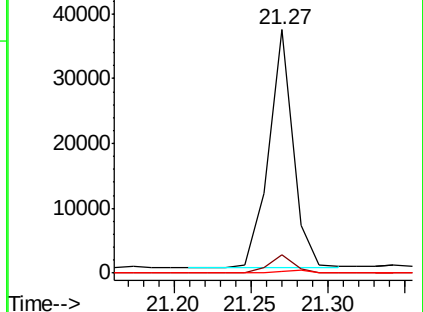
279 1.4 1.0 1.6

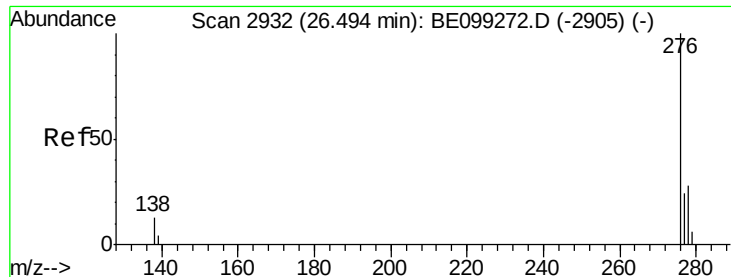


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

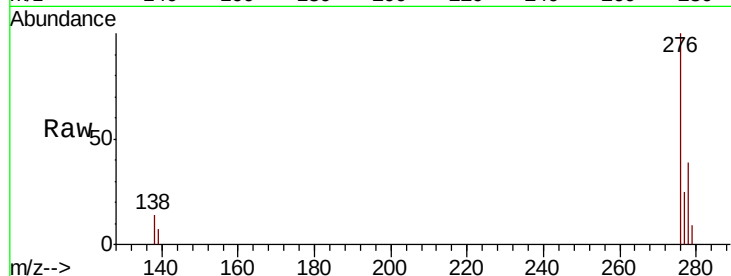




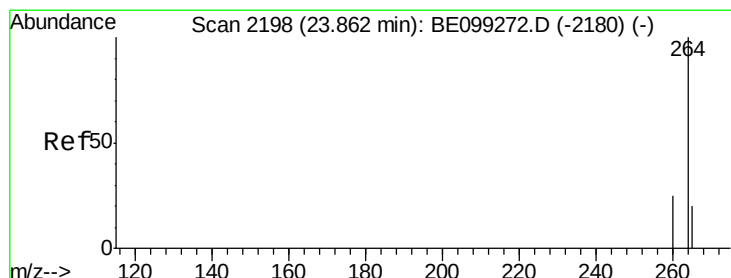
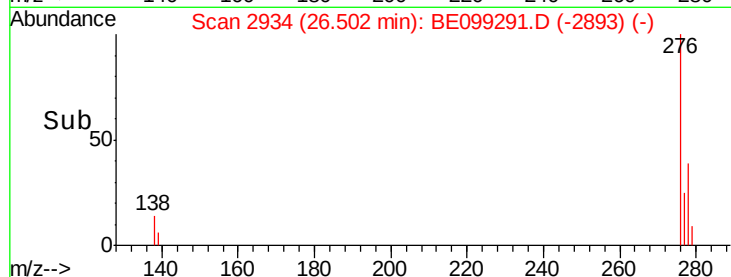
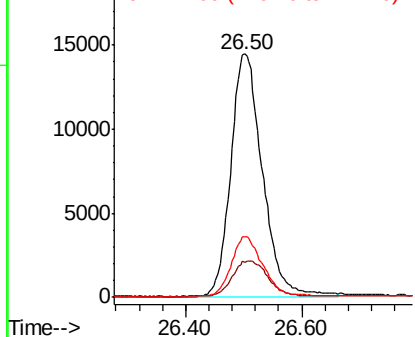
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.421 ng
 RT: 26.50 min Scan# 2934
 Delta R.T. -0.05 min
 Lab File: BE099291.D
 Acq: 3 Apr 2019 14:59

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:276 Resp: 54396
 Ion Ratio Lower Upper
 276 100
 138 16.2 12.9 19.3
 277 24.5 18.3 27.5

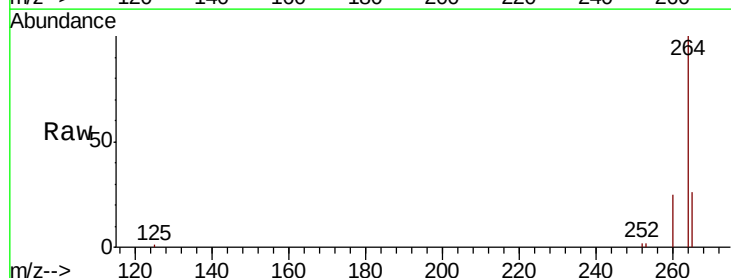


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

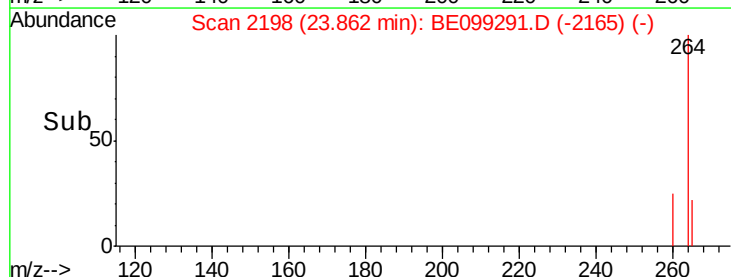
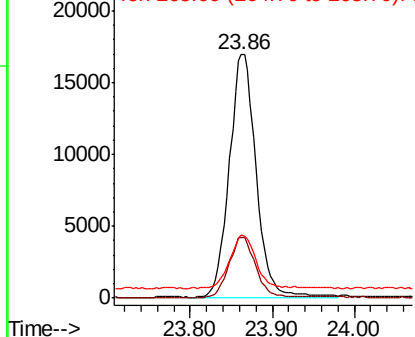


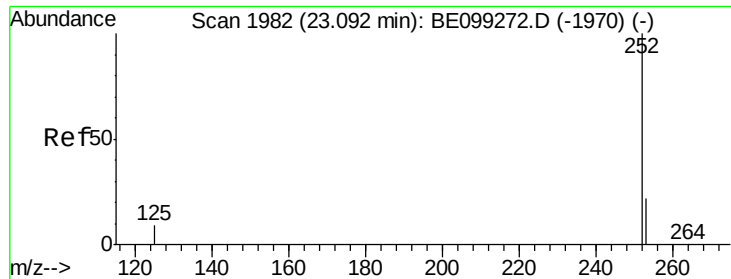
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.03 min
 Lab File: BE099291.D
 Acq: 3 Apr 2019 14:59

Tgt Ion:264 Resp: 38314
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.2 27.2
 265 26.0 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: 0.422 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.02 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

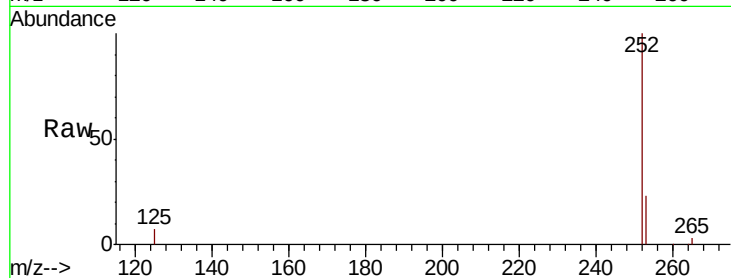
Tgt Ion:252 Resp: 48211

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

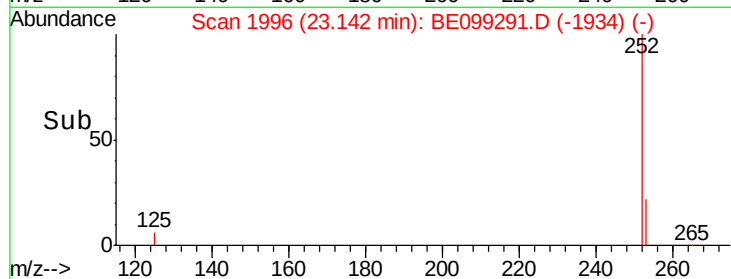
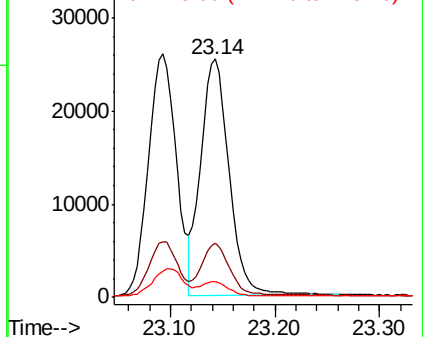
125 6.6 6.1 9.1



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: 0.433 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.03 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

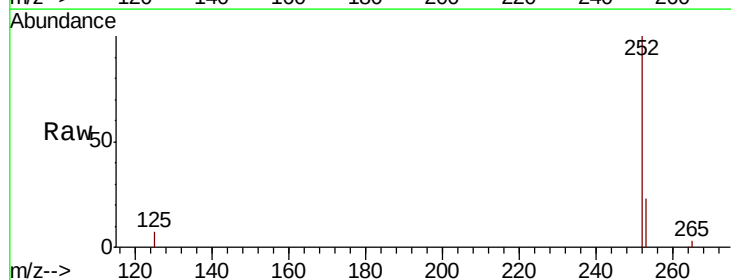
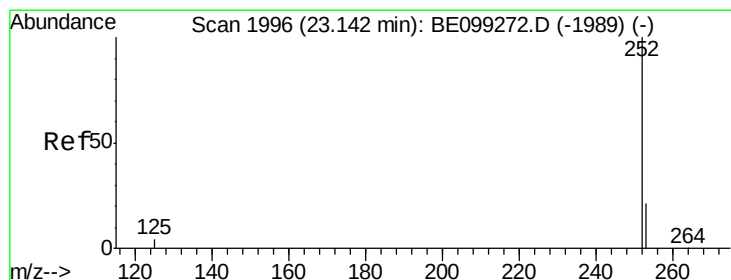
Tgt Ion:252 Resp: 48211

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

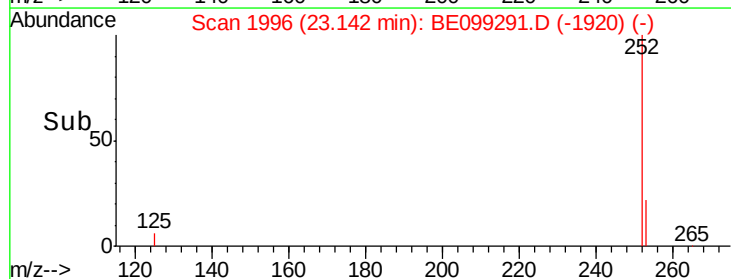
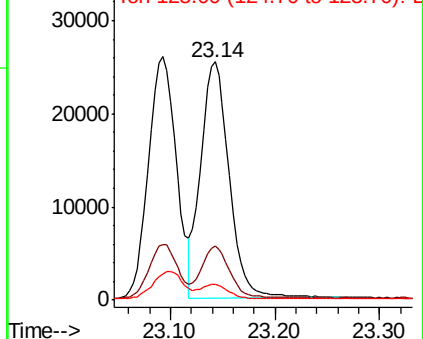
125 6.6 5.9 8.9

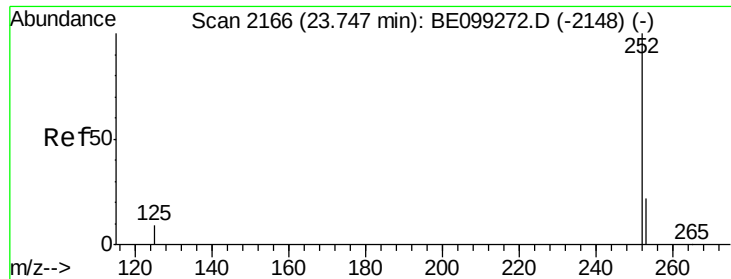


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.405 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.03 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

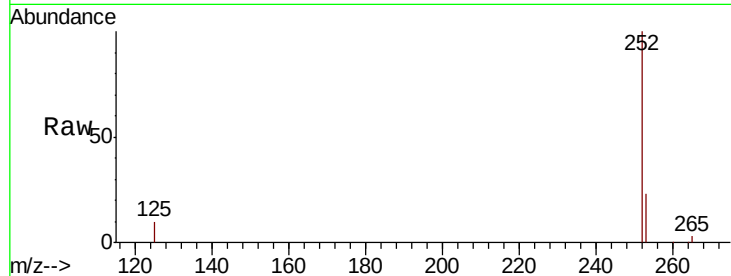
Tgt Ion:252 Resp: 43547

Ion Ratio Lower Upper

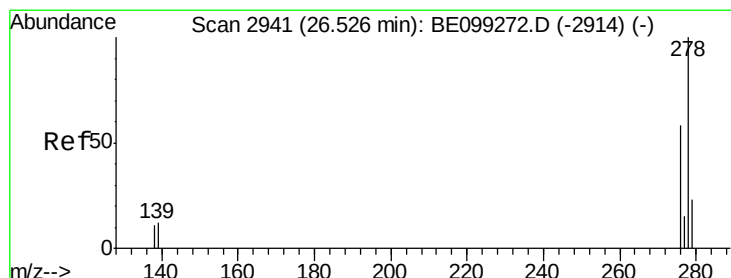
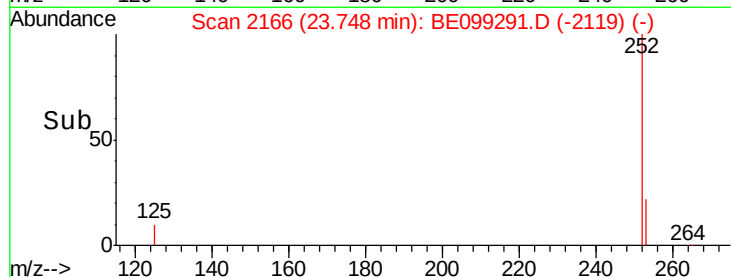
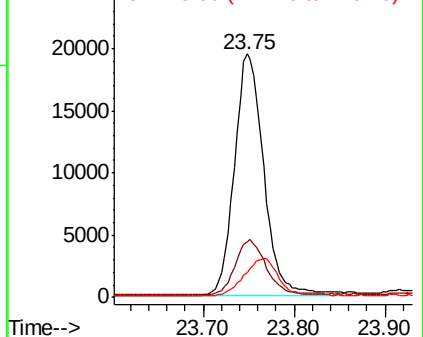
252 100

253 22.7 18.1 27.1

125 10.3 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: 0.422 ng

RT: 26.53 min Scan# 2943

Delta R.T. -0.05 min

Lab File: BE099291.D

Acq: 3 Apr 2019 14:59

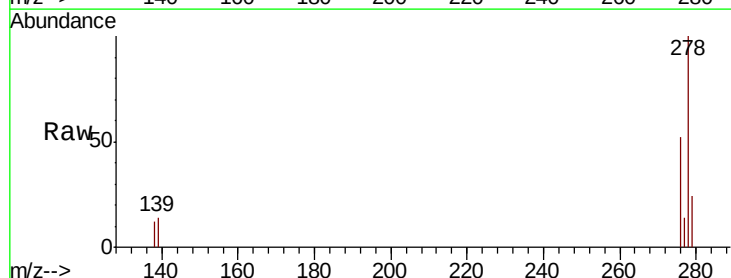
Tgt Ion:278 Resp: 45100

Ion Ratio Lower Upper

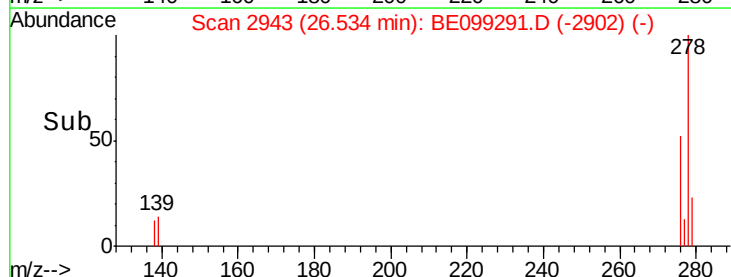
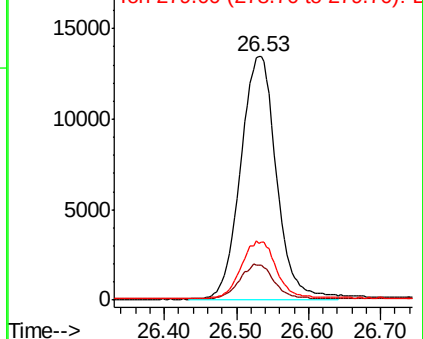
278 100

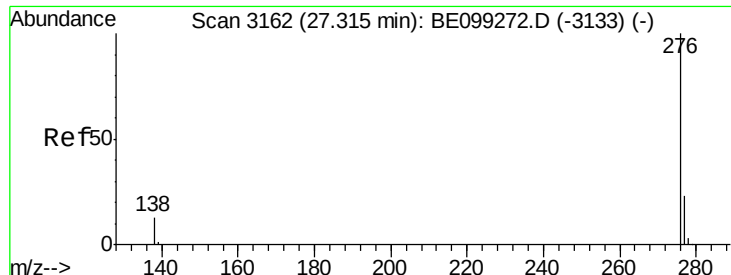
139 14.3 9.5 14.3

279 23.6 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: 0.418 ng

RT: 27.31 min Scan# 3162

Delta R.T. -0.06 min

Lab File: BE099291.D

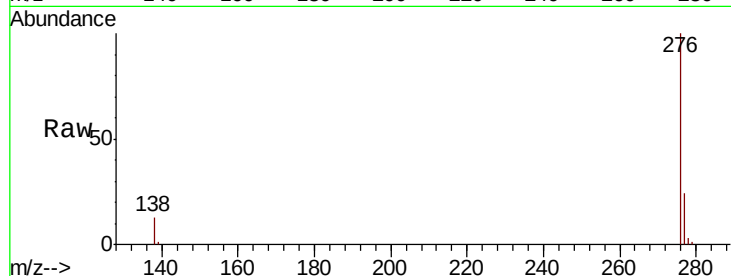
Acq: 3 Apr 2019 14:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 44512

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 13.0 11.1 16.7

