

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098379.D
 Acq On : 13 Dec 2018 2:11
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 13 05:54:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1180	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	5103	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	3328	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	9105	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	10922	0.40	ng	0.00
34) Perylene-d12	24.00	264	10532	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1012	0.37	ng	0.01
5) Phenol-d6	7.04	99	1425	0.36	ng	0.00
8) Nitrobenzene-d5	9.03	82	1776	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3212	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	483	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5070	0.36	ng	0.00
25) Fluoranthene-d10	19.30	212	45501	0.39	ng	0.00
29) Terphenyl-d14	19.90	244	8593	0.32	ng	0.00

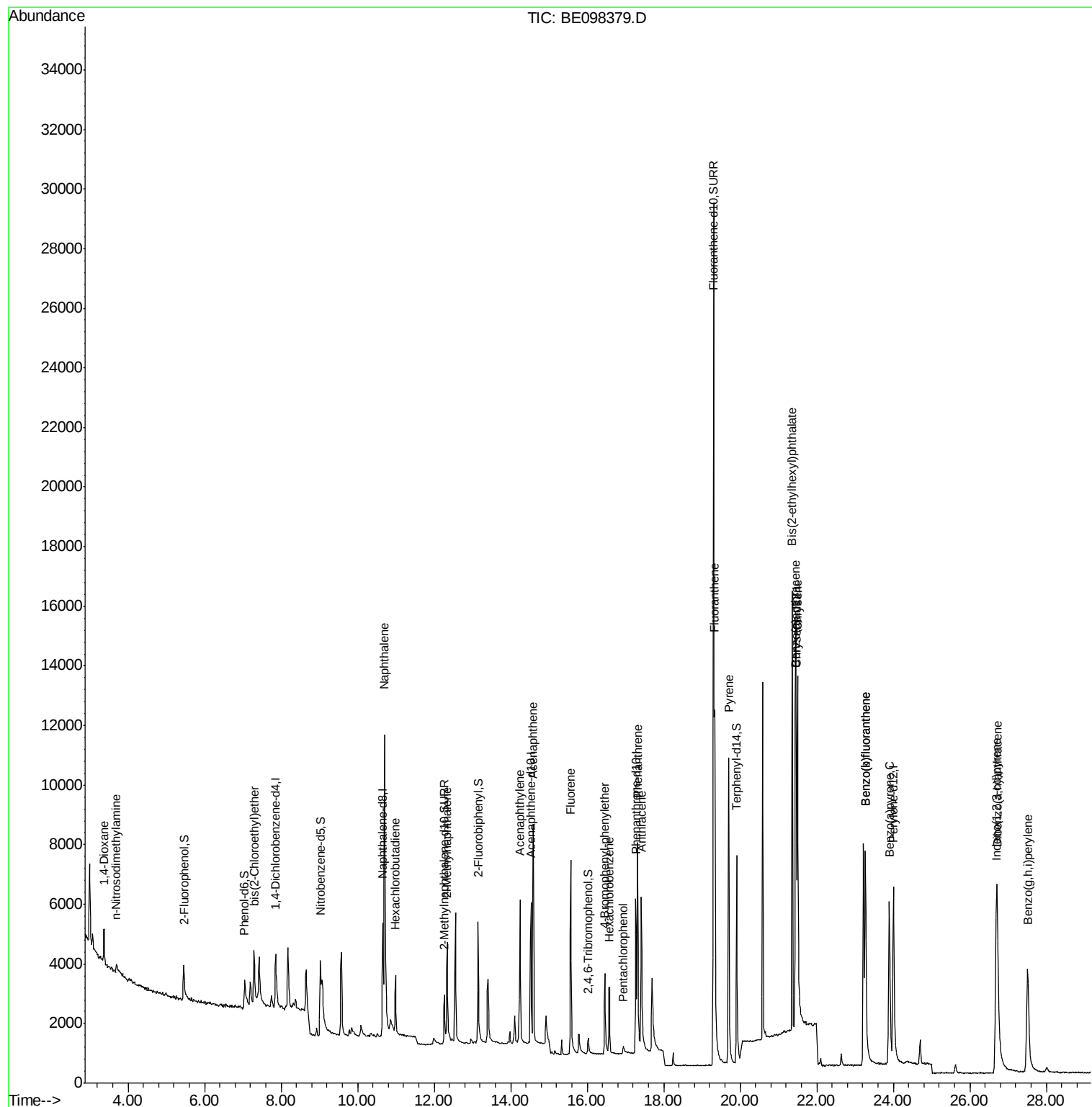
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	757	0.371	ng	98
3) n-Nitrosodimethylamine	3.69	42	466	0.254	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1199	0.323	ng	88
9) Naphthalene	10.70	128	20148	0.392	ng	100
10) Hexachlorobutadiene	10.99	225	1369	0.419	ng	98
12) 2-Methylnaphthalene	12.34	142	3108	0.372	ng	99
16) Acenaphthylene	14.24	152	6062	0.389	ng	99
17) Acenaphthene	14.59	154	3597	0.384	ng	97
18) Fluorene	15.57	166	4784	0.382	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	1733	0.354	ng	# 84
21) Hexachlorobenzene	16.58	284	2039	0.387	ng	97
22) Pentachlorophenol	16.94	266	250	0.307	ng	92
23) Phenanthrene	17.32	178	8257	0.373	ng	99
24) Anthracene	17.41	178	6763	0.343	ng	99
26) Fluoranthene	19.33	202	11648	0.398	ng	98
28) Pyrene	19.70	202	11897	0.347	ng	99
30) Benzo(a)anthracene	21.44	228	11431	0.368	ng	99
31) Chrysene	21.50	228	12278	0.377	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	20470	0.324	ng	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	12652	0.390	ng	# 69
35) Benzo(b)fluoranthene	23.27	252	13167	0.457	ng	96
36) Benzo(k)fluoranthene	23.27	252	13355	0.398	ng	98
37) Benzo(a)pyrene	23.89	252	11628	0.391	ng	# 96
38) Dibenzo(a,h)anthracene	26.72	278	10474	0.374	ng	95
39) Benzo(g,h,i)perylene	27.51	276	10651	0.378	ng	99

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

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Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 13 02:44:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration



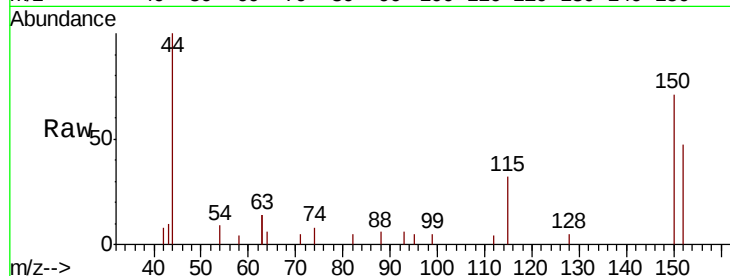


#1

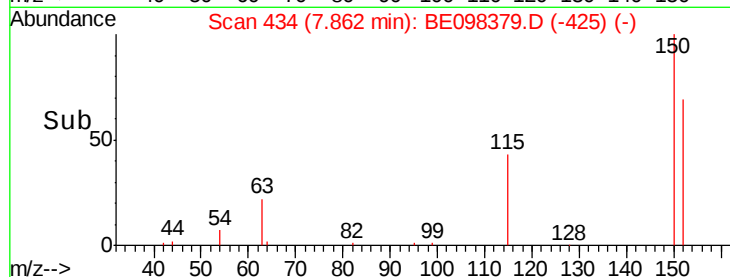
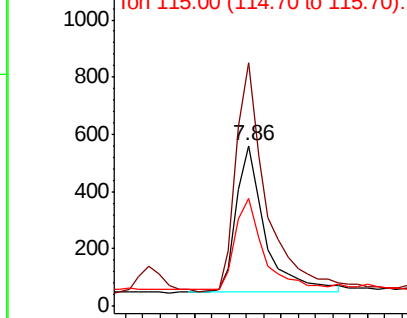
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 1180
Ion Ratio Lower Upper
152 100
150 151.5 124.2 186.4
115 67.2 53.9 80.9



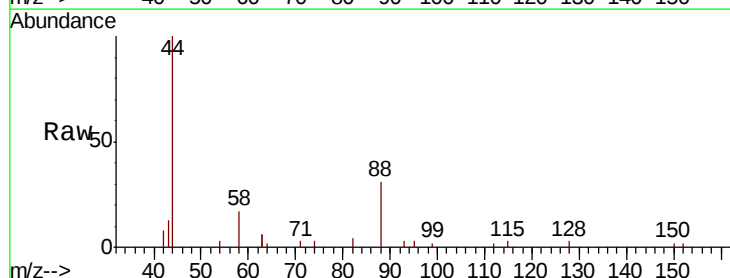
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



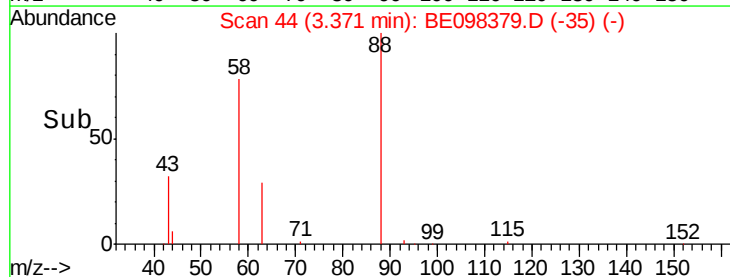
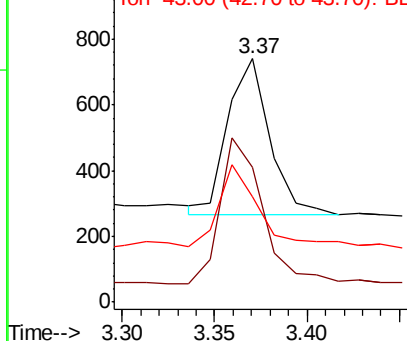
#2

1,4-Dioxane
Concen: 0.371 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion: 88 Resp: 757
Ion Ratio Lower Upper
88 100
58 93.5 75.0 112.6
43 51.0 38.3 57.5



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: 0.254 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

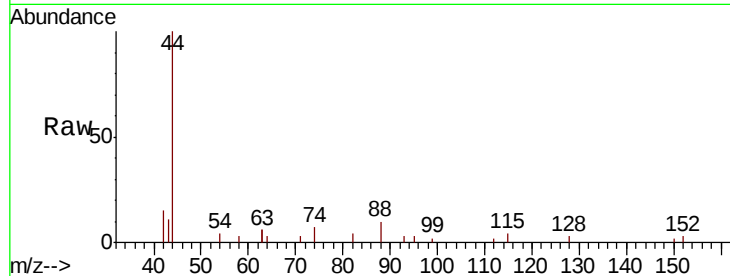
Tgt Ion: 42 Resp: 466

Ion Ratio Lower Upper

42 100

74 85.2 0.0 0.0#

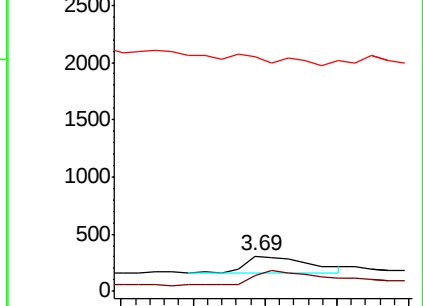
44 0.0 0.0 0.0



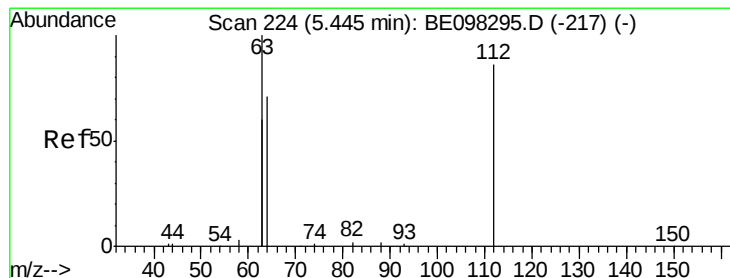
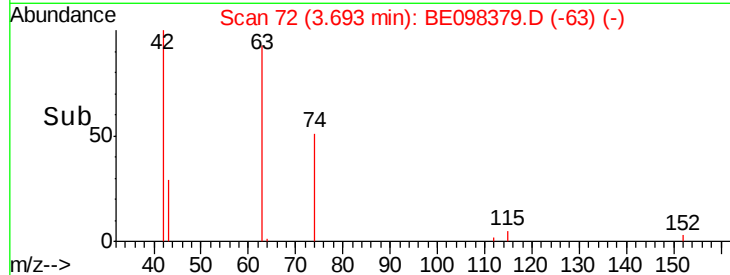
Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



Time-->



#4

2-Fluorophenol

Concen: 0.366 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

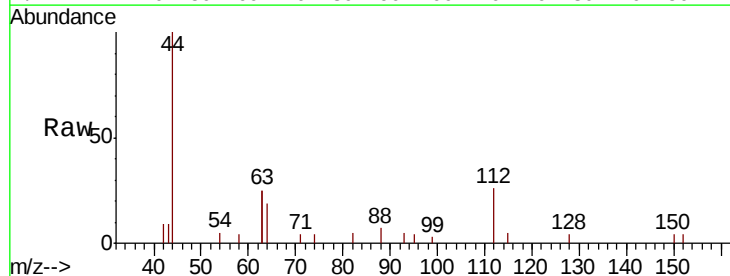
Tgt Ion: 112 Resp: 1012

Ion Ratio Lower Upper

112 100

64 78.2 59.8 89.8

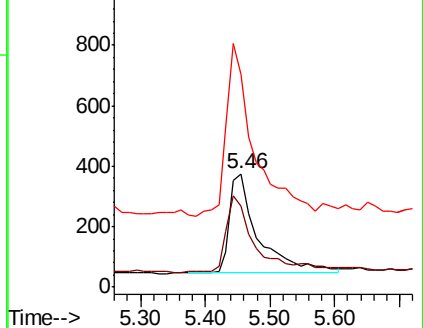
63 169.1 133.7 200.5



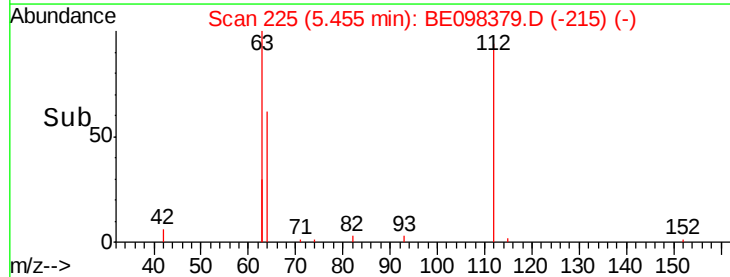
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.364 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

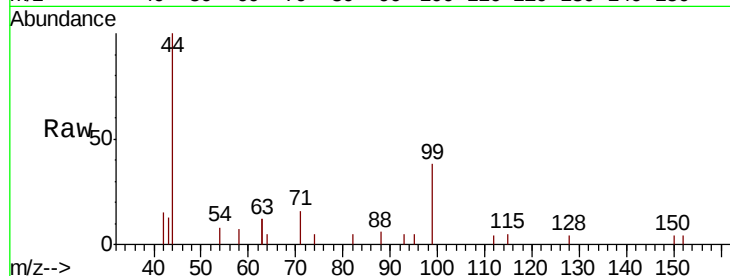
Tgt Ion: 99 Resp: 1425

Ion Ratio Lower Upper

99 100

42 27.7 26.3 39.5

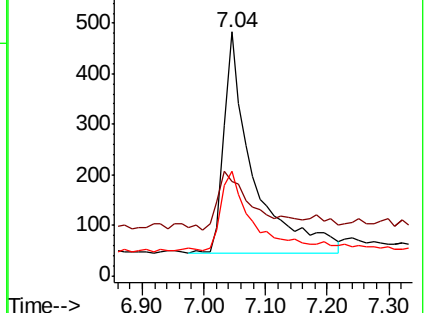
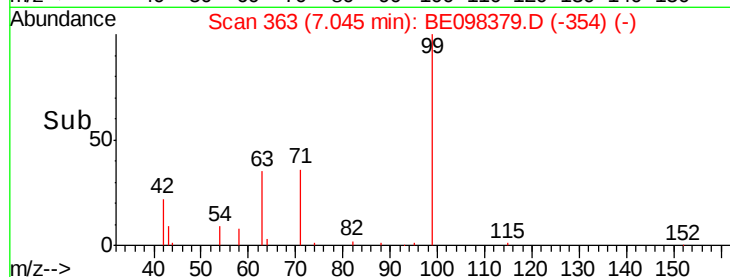
71 37.0 33.6 50.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.323 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

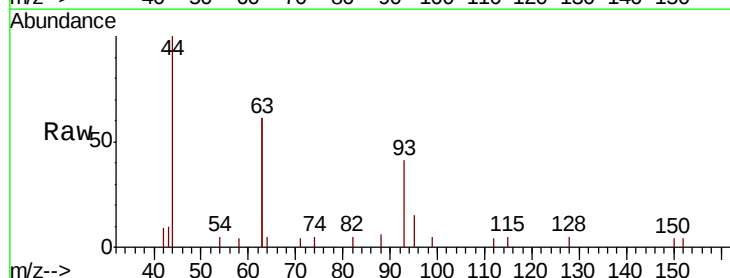
Tgt Ion: 93 Resp: 1199

Ion Ratio Lower Upper

93 100

63 302.7 264.4 396.6

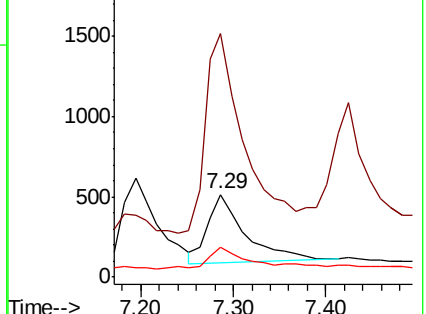
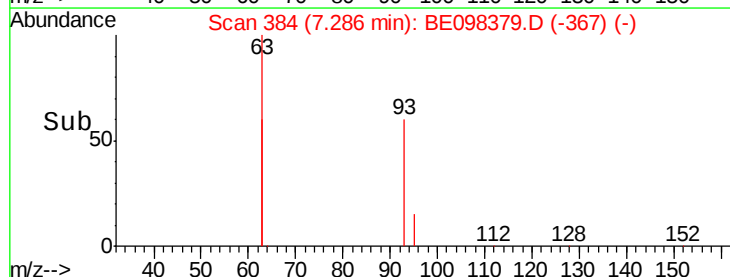
95 35.7 26.6 40.0

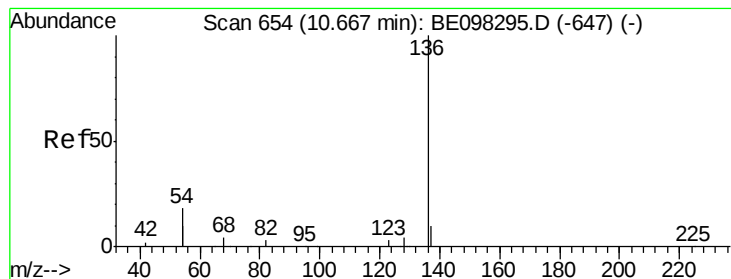


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 5103

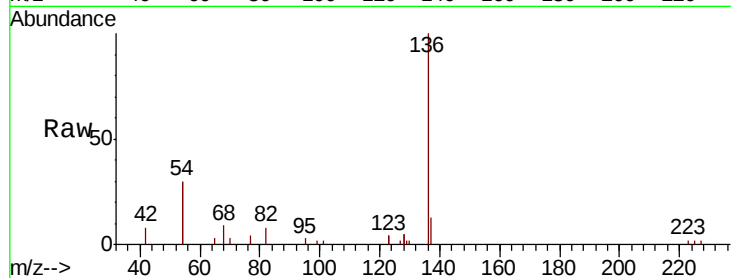
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 59.8 28.4 42.6#

68 9.1 5.4 8.0#

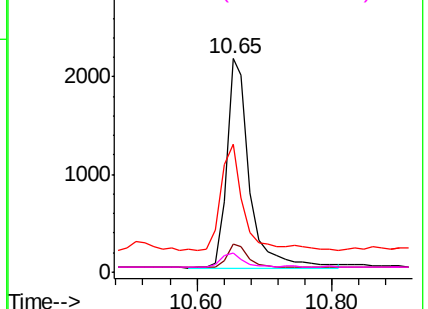
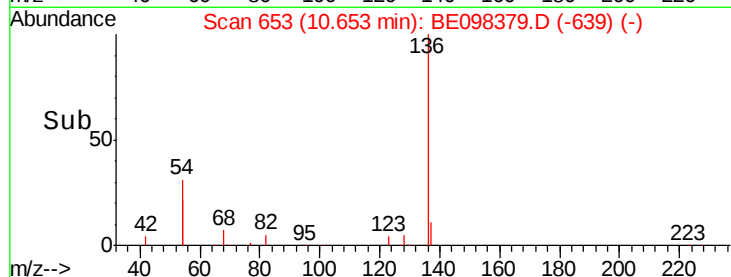


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.382 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

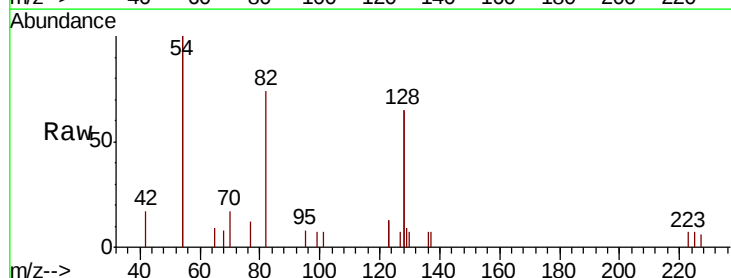
Tgt Ion: 82 Resp: 1776

Ion Ratio Lower Upper

82 100

128 176.7 102.4 153.6#

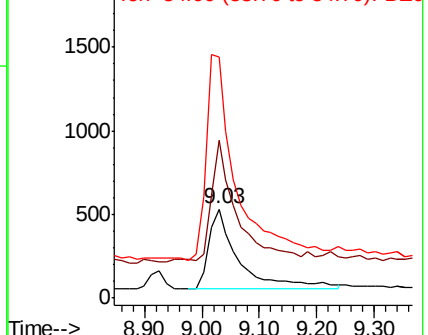
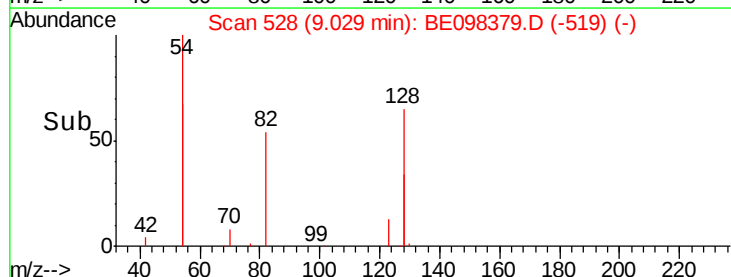
54 270.5 221.8 332.8

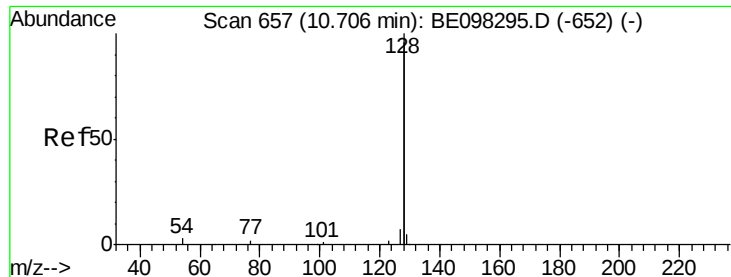


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

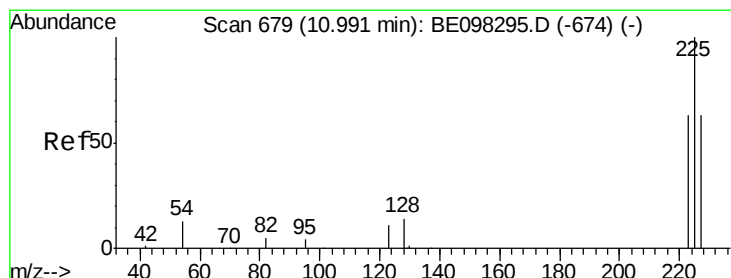
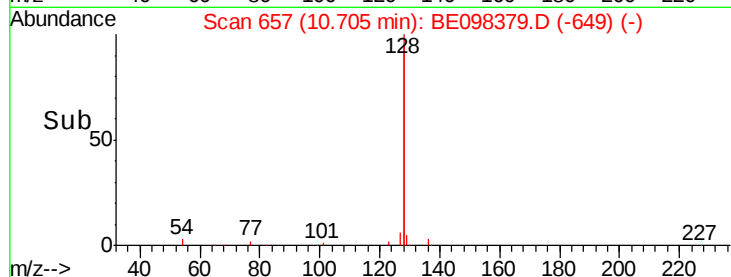
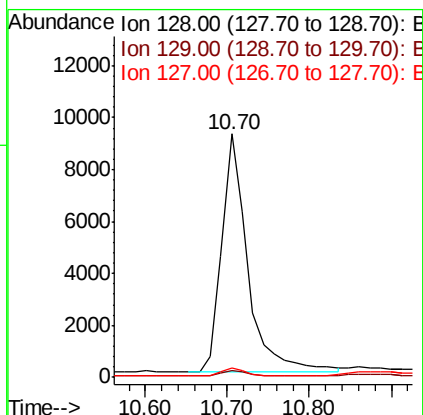
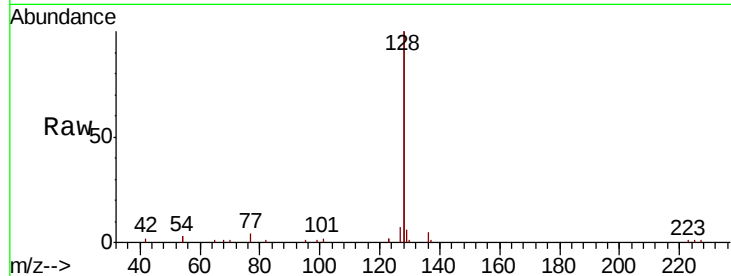




#9
Naphthalene
Concen: 0.392 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

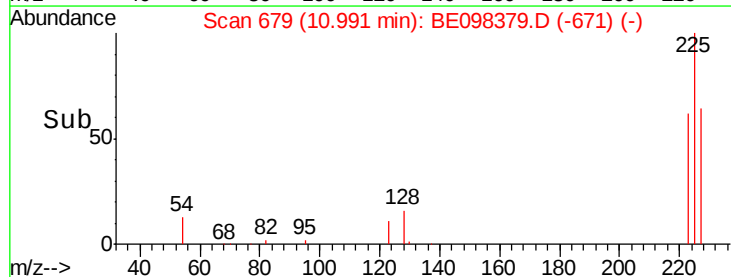
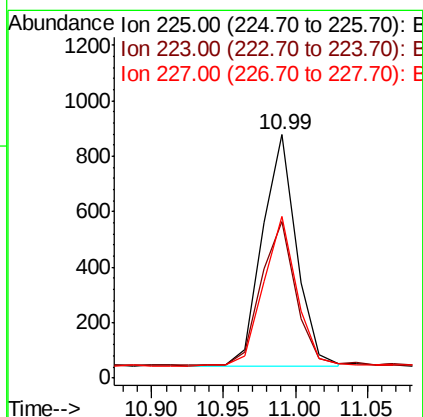
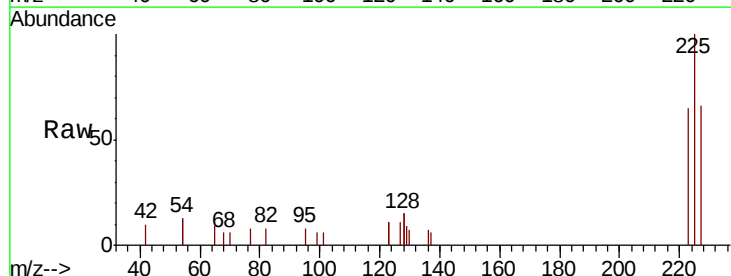
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 20148
Ion Ratio Lower Upper
128 100
129 3.0 2.5 3.7
127 3.6 2.7 4.1



#10
Hexachlorobutadiene
Concen: 0.419 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:225 Resp: 1369
Ion Ratio Lower Upper
225 100
223 63.4 49.4 74.0
227 63.6 52.0 78.0





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

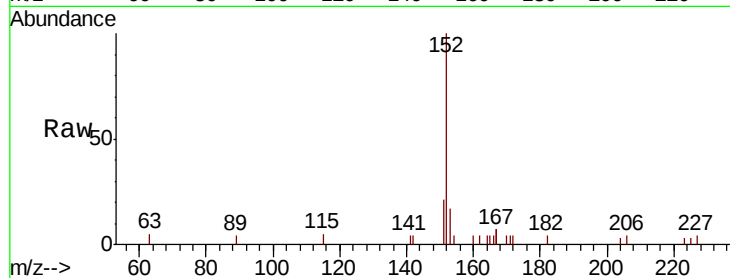
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3212

Ion Ratio Lower Upper

152 100

151 18.9 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1500

12.27

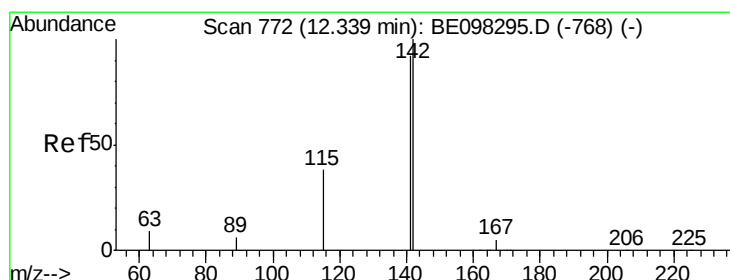
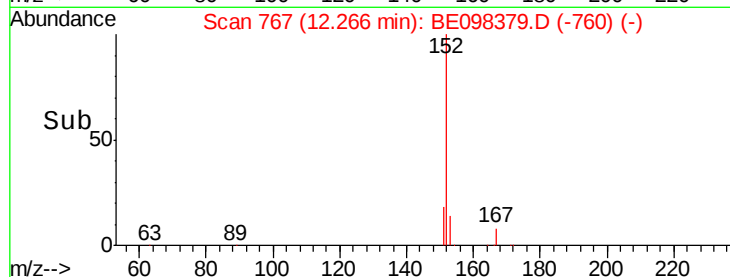
1000

500

0

Time-->

12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.372 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

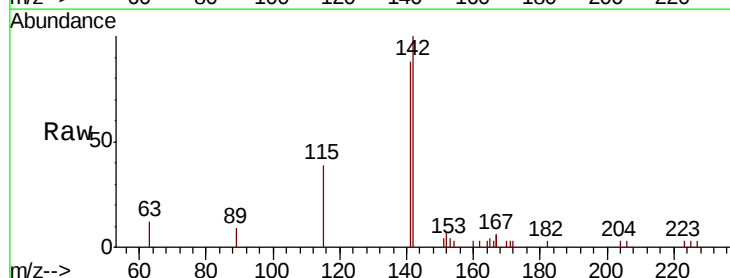
Tgt Ion:142 Resp: 3108

Ion Ratio Lower Upper

142 100

141 88.3 71.0 106.6

115 39.3 32.2 48.2



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

2000

1500

12.34

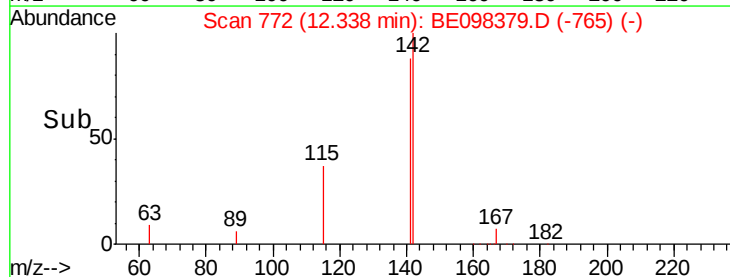
1000

500

0

Time-->

12.30 12.40

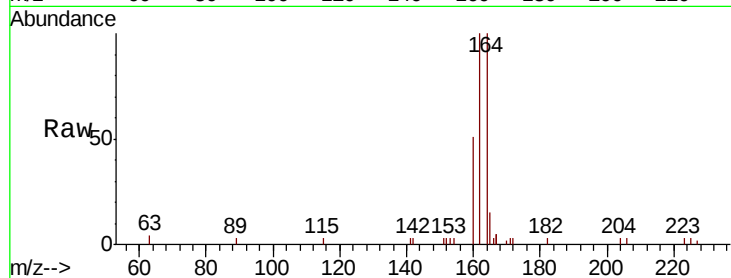




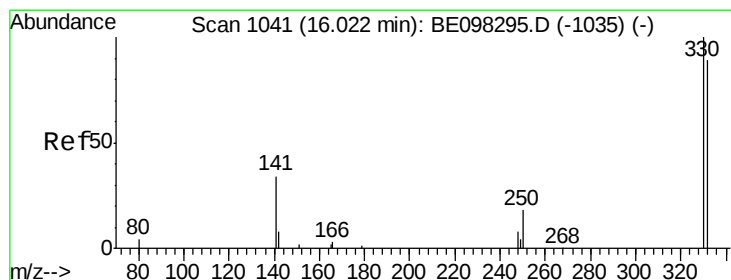
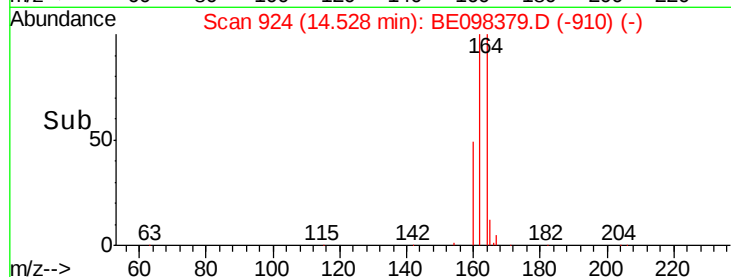
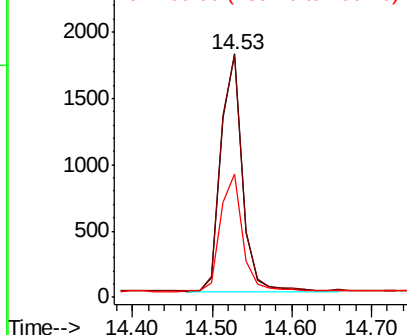
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 3328
Ion Ratio Lower Upper
164 100
162 99.7 77.6 116.4
160 50.8 36.0 54.0

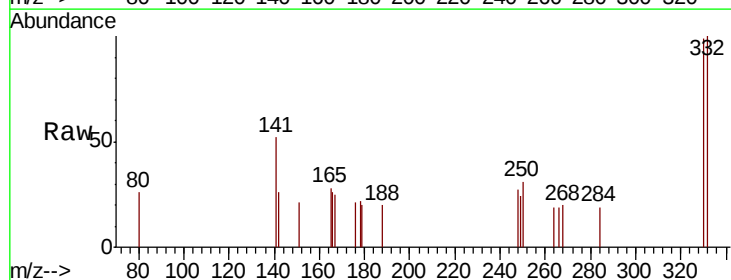


Abundance Ion 164.00 (163.70 to 164.70): E
2500 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

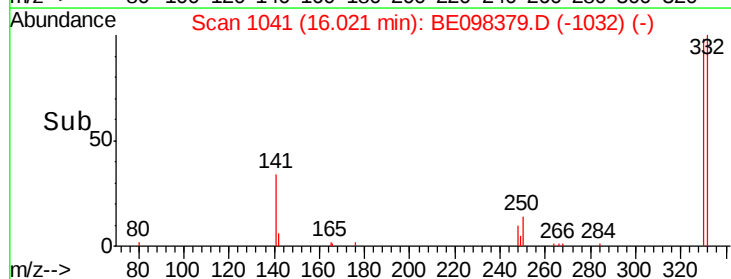
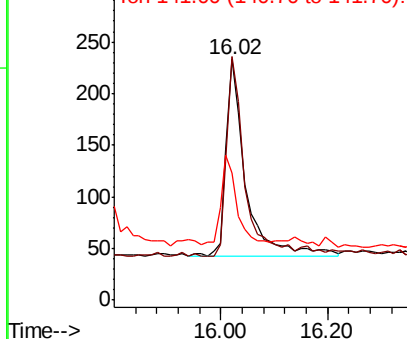


#14
2,4,6-Tribromophenol
Concen: 0.395 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:330 Resp: 483
Ion Ratio Lower Upper
330 100
332 98.6 76.2 114.4
141 37.7 39.0 58.4#



Abundance Ion 330.00 (329.70 to 330.70): E
300 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

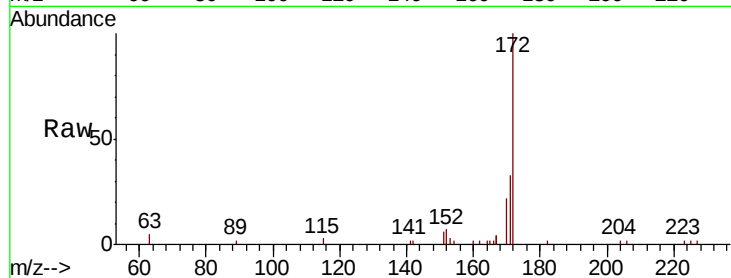




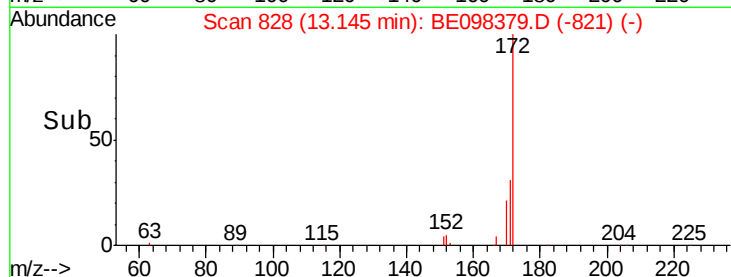
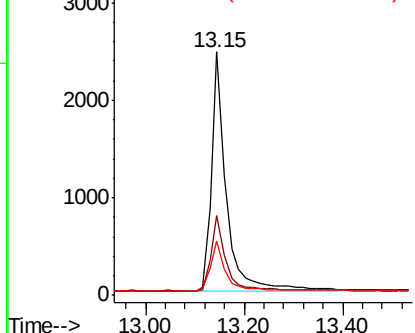
#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5070
Ion Ratio Lower Upper
172 100
171 32.8 27.5 41.3
170 22.5 19.6 29.4

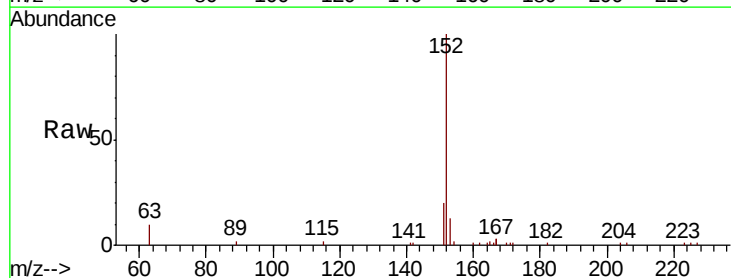


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

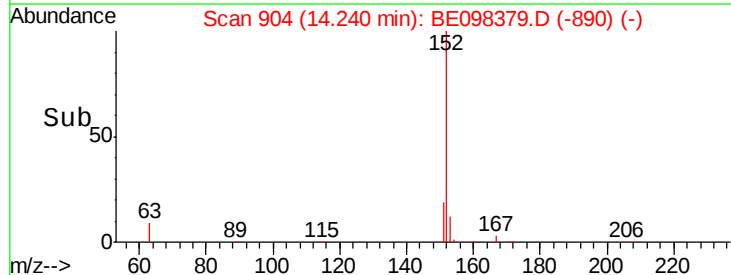
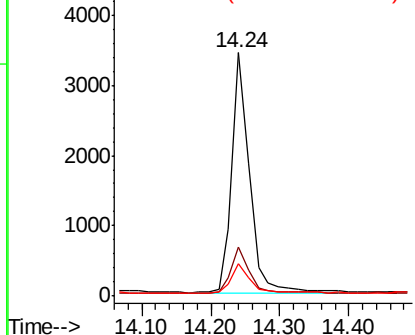


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098379.D
Acq: 13 Dec 2018 2:11

Tgt Ion:152 Resp: 6062
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 12.6 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.384 ng

RT: 14.59 min Scan# 928

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

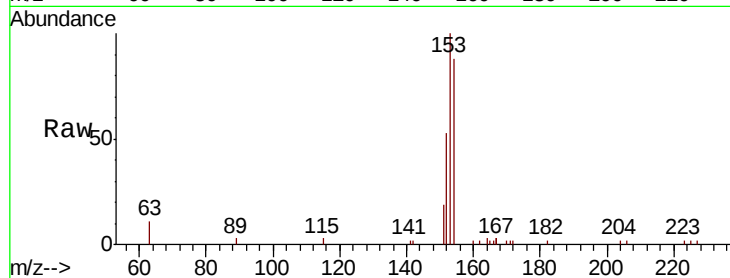
Tgt Ion:154 Resp: 3597

Ion Ratio Lower Upper

154 100

153 116.2 91.8 137.6

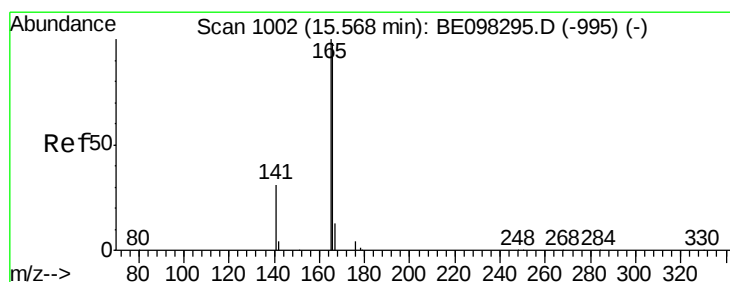
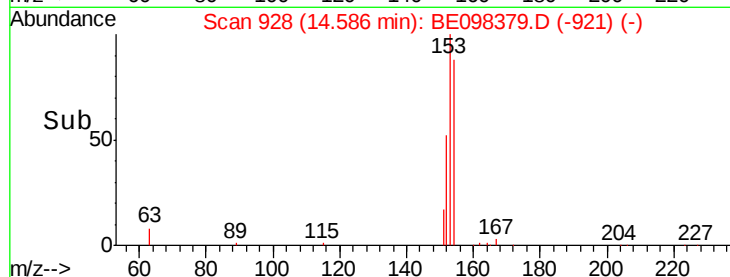
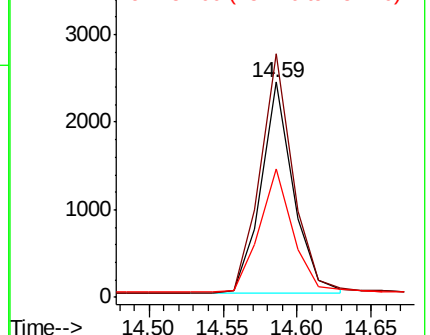
152 61.6 45.5 68.3



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: 0.382 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

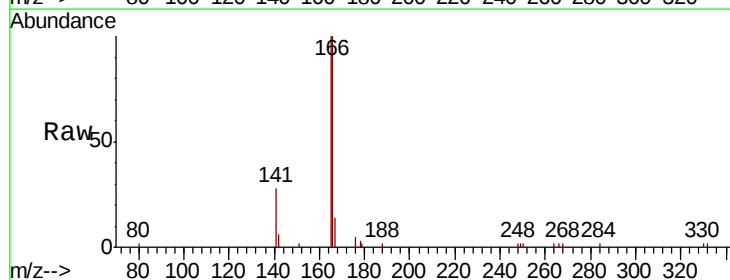
Tgt Ion:166 Resp: 4784

Ion Ratio Lower Upper

166 100

165 99.2 79.3 118.9

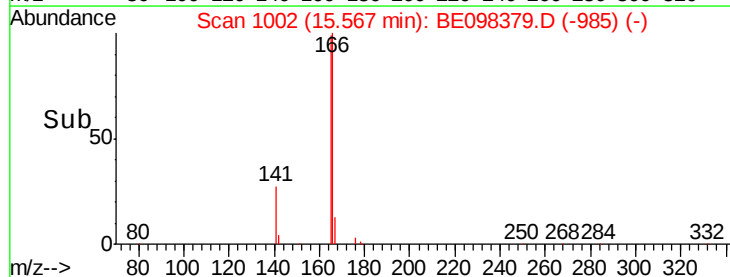
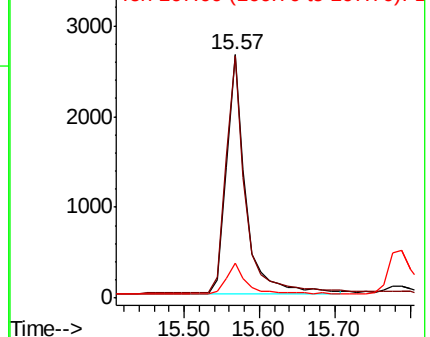
167 13.4 11.3 16.9

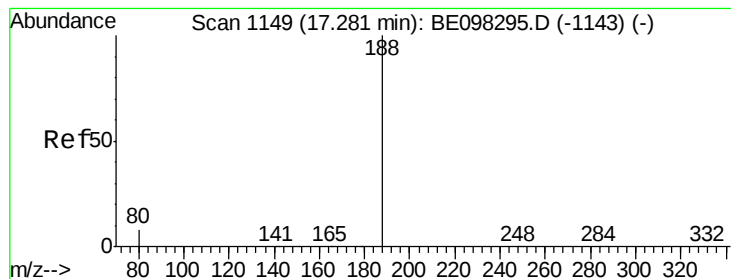


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

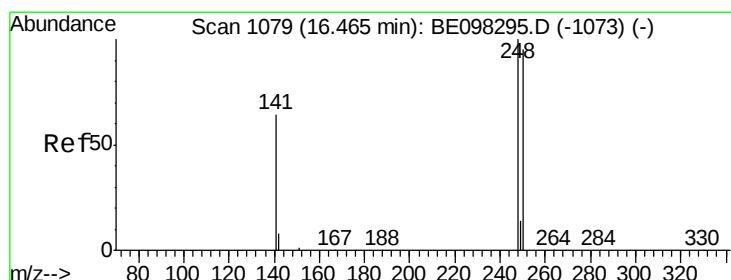
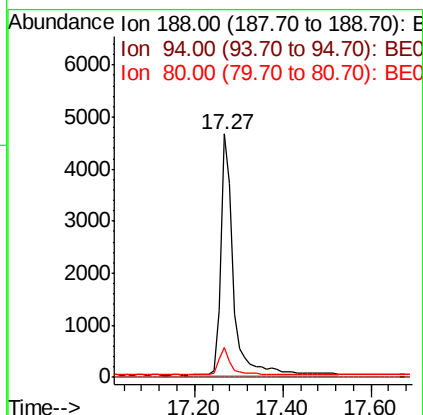
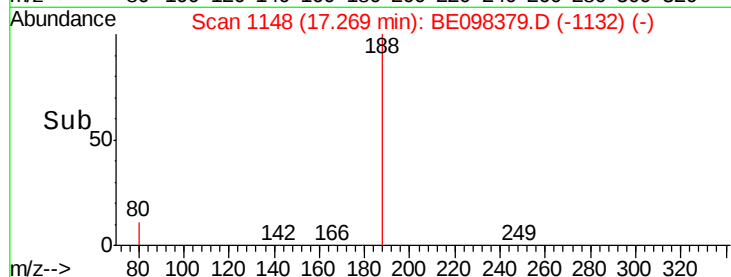
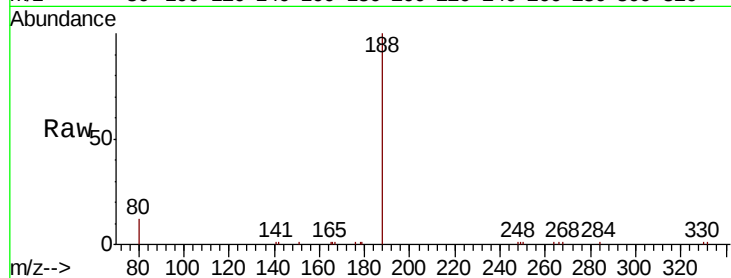
Tgt Ion:188 Resp: 9105

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.3 7.2 10.8#



#20

4-Bromophenyl-phenylether

Concen: 0.354 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

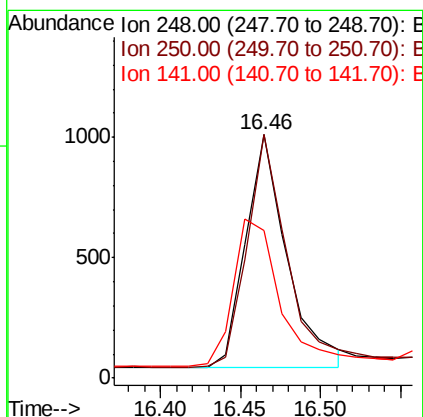
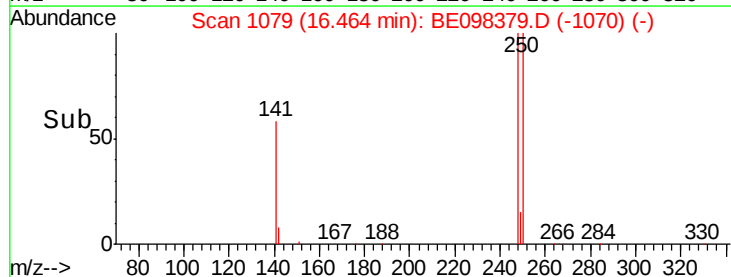
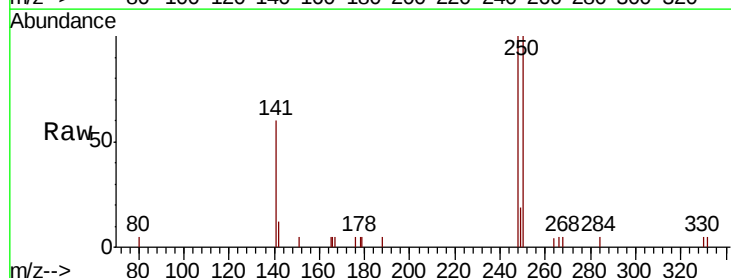
Tgt Ion:248 Resp: 1733

Ion Ratio Lower Upper

248 100

250 100.1 71.0 106.6

141 60.5 62.1 93.1#





#21

Hexachlorobenzene

Concen: 0.387 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

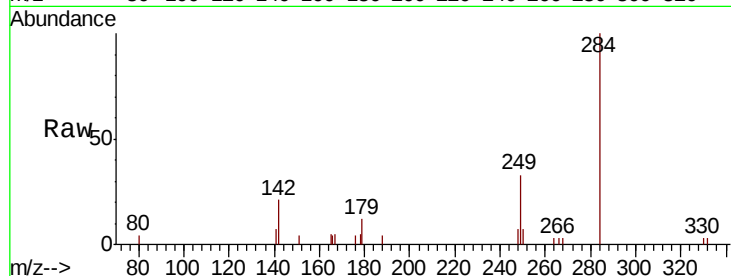
Tgt Ion:284 Resp: 2039

Ion Ratio Lower Upper

284 100

142 35.6 26.3 39.5

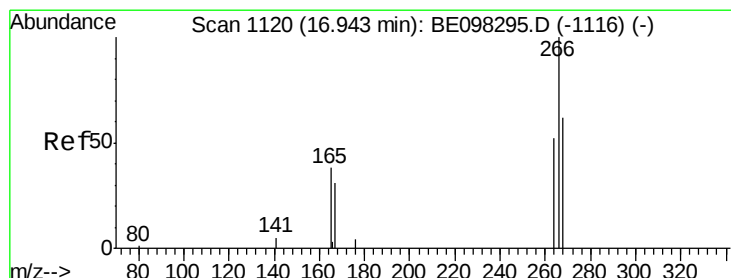
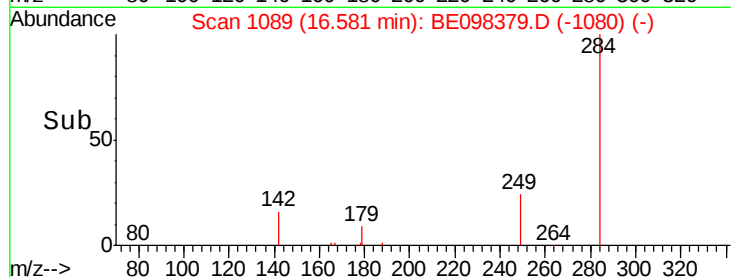
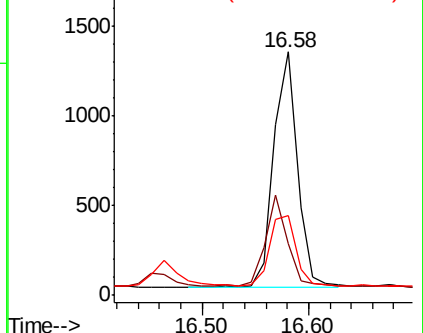
249 33.3 26.0 39.0



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: 0.307 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

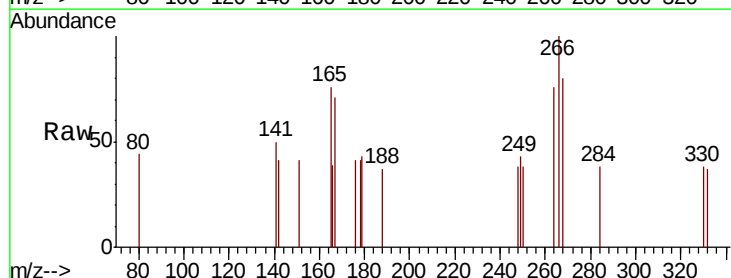
Tgt Ion:266 Resp: 250

Ion Ratio Lower Upper

266 100

264 76.4 59.0 88.4

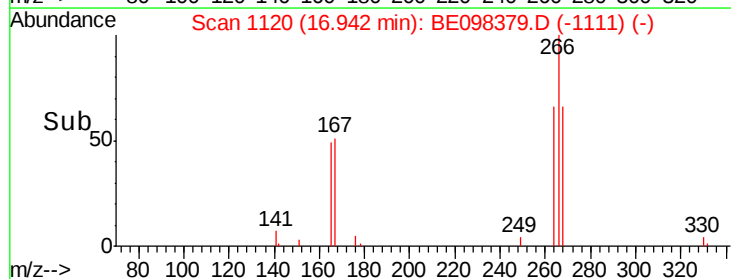
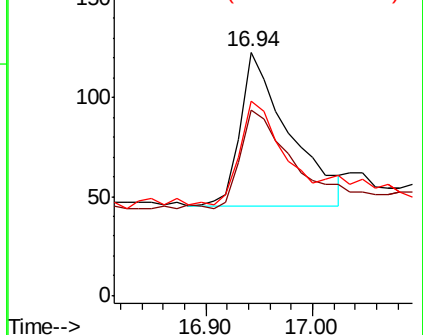
268 79.7 55.1 82.7



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: 0.373 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

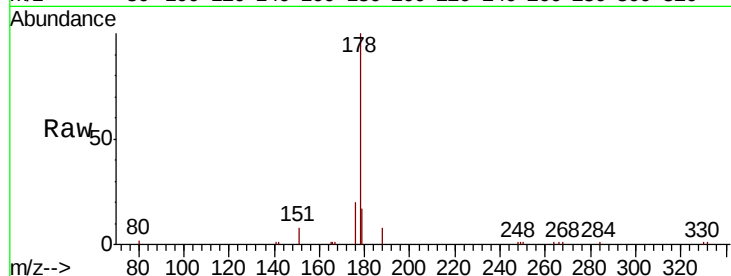
Tgt Ion:178 Resp: 8257

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

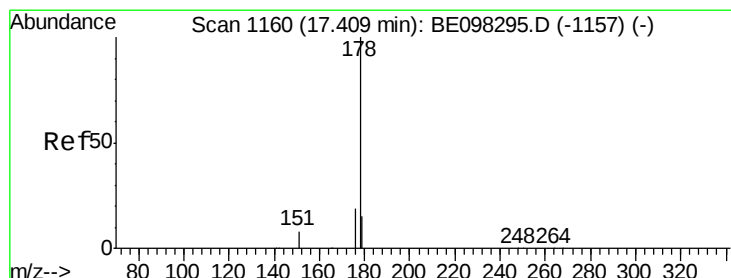
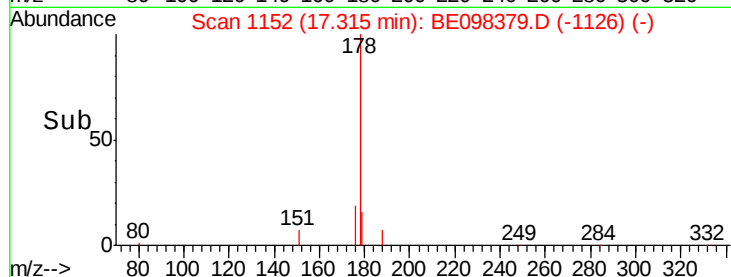
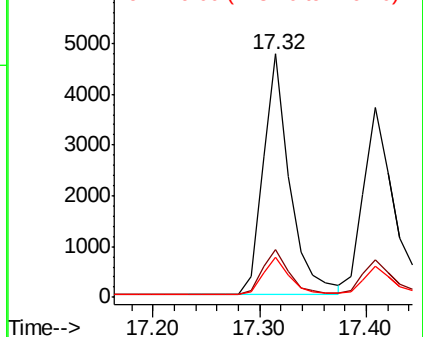
179 16.4 12.3 18.5



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: 0.343 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

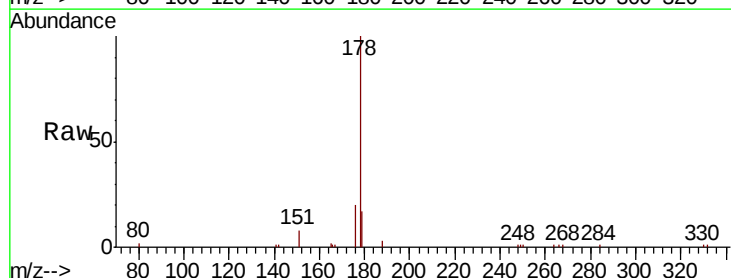
Tgt Ion:178 Resp: 6763

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

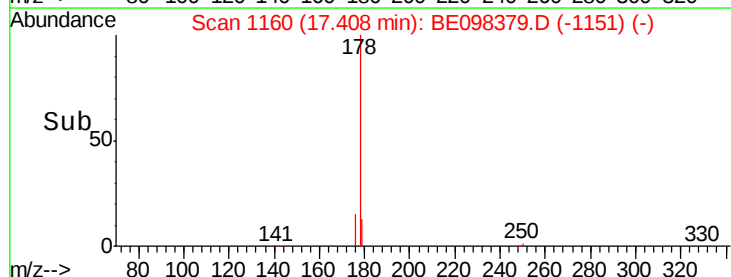
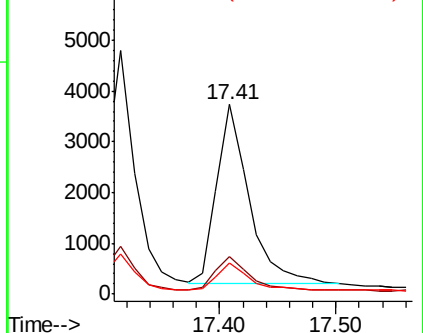
179 14.8 12.3 18.5



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





#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

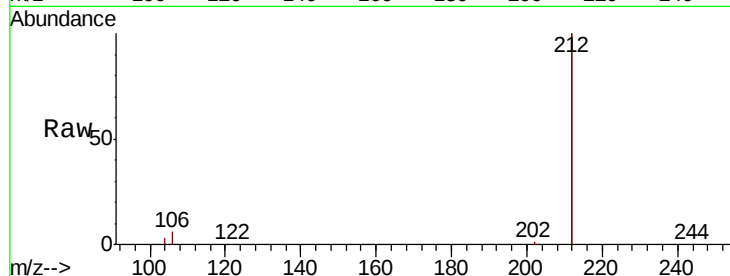
Tgt Ion:212 Resp: 45501

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

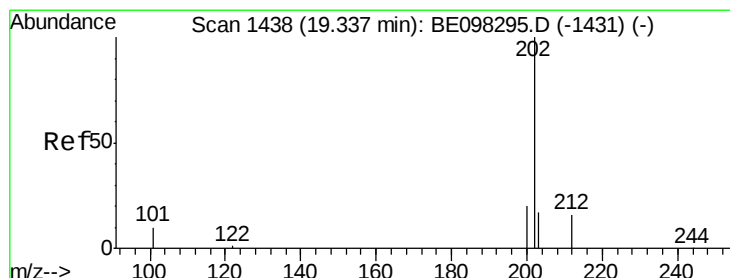
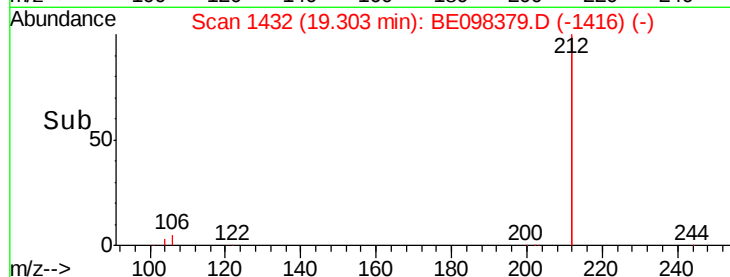
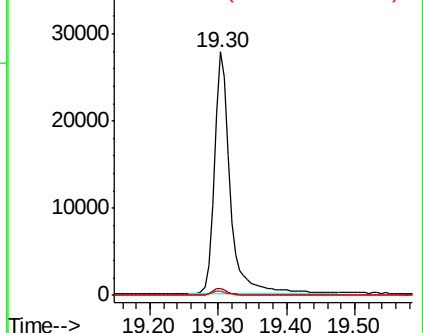
104 1.5 1.3 1.9



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: 0.398 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

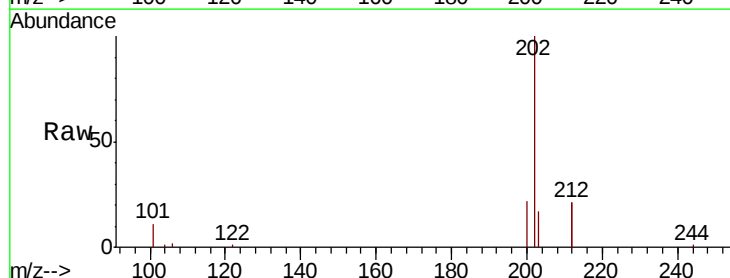
Tgt Ion:202 Resp: 11648

Ion Ratio Lower Upper

202 100

101 9.5 8.0 12.0

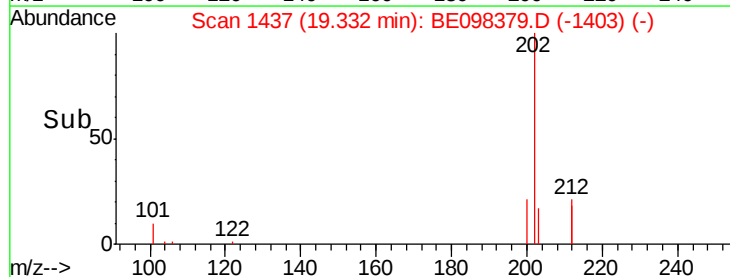
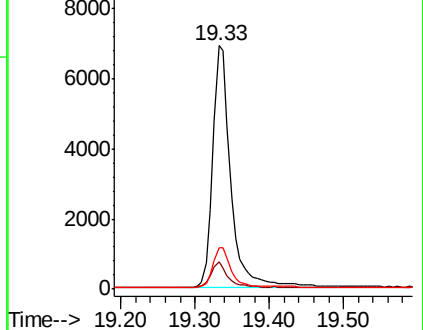
203 16.5 13.8 20.6



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

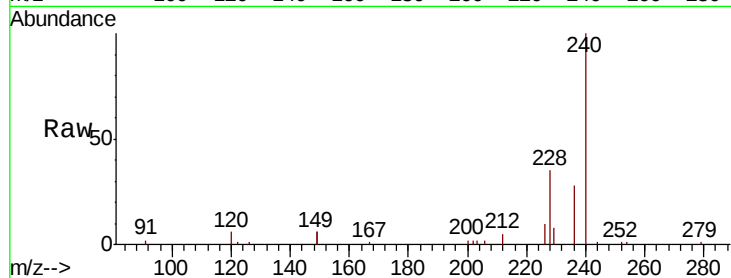
Tgt Ion:240 Resp: 10922

Ion Ratio Lower Upper

240 100

120 6.4 9.5 14.3#

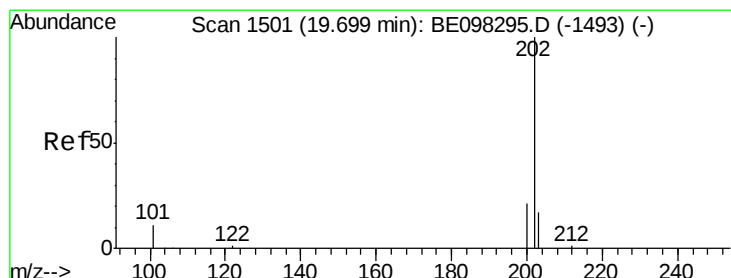
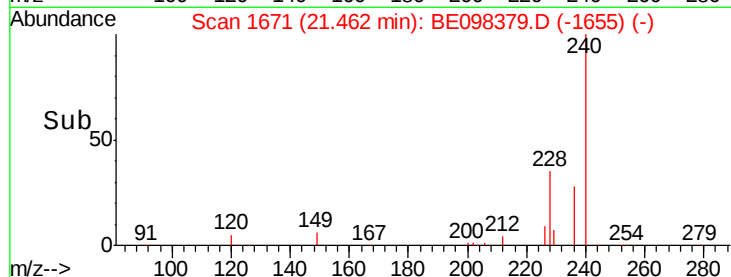
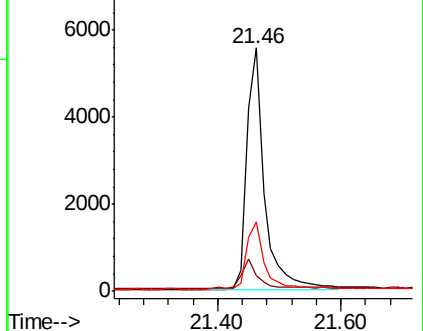
236 28.5 22.7 34.1



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: 0.347 ng

RT: 19.70 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

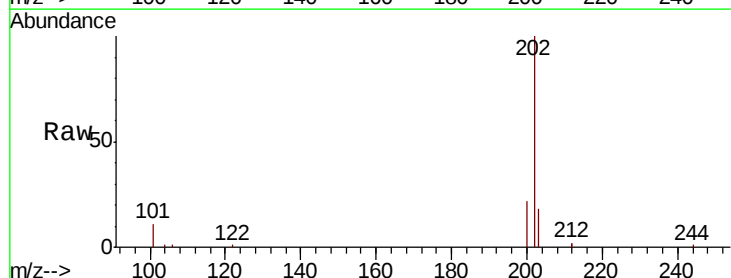
Tgt Ion:202 Resp: 11897

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

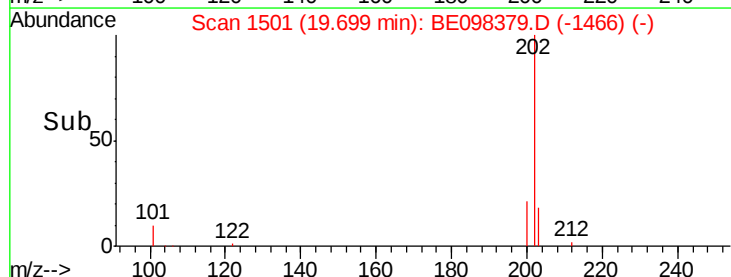
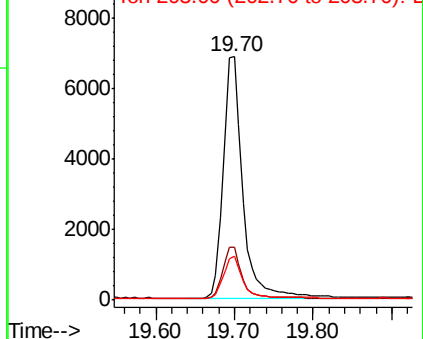
203 17.1 14.1 21.1



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: 0.324 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

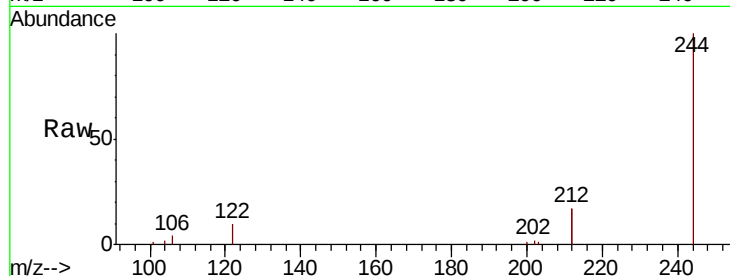
Tgt Ion:244 Resp: 8593

Ion Ratio Lower Upper

244 100

212 34.7 27.4 41.0

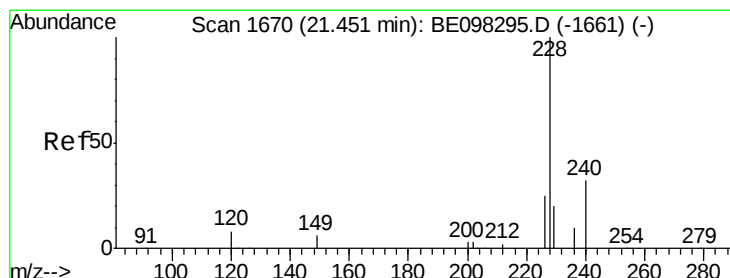
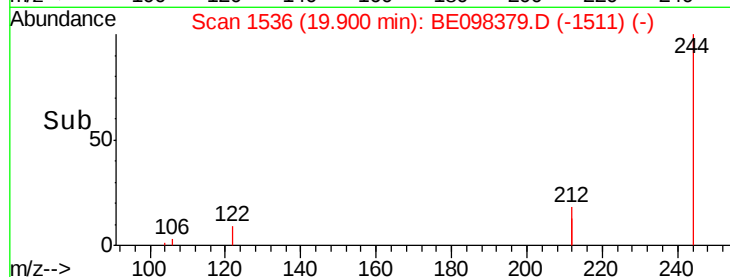
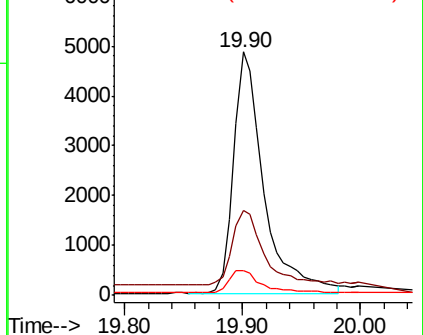
122 10.1 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.368 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

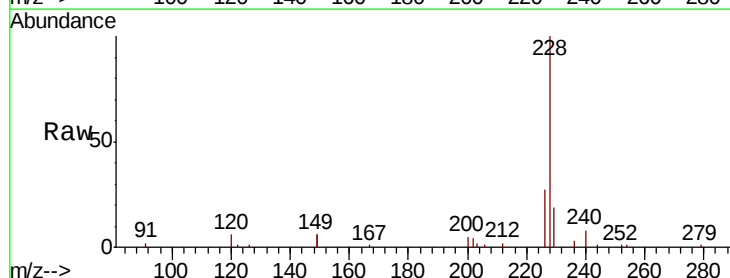
Tgt Ion:228 Resp: 11431

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

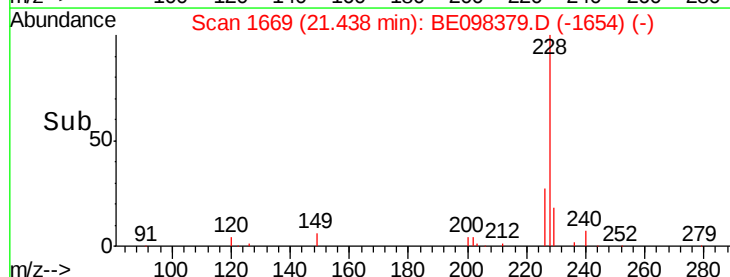
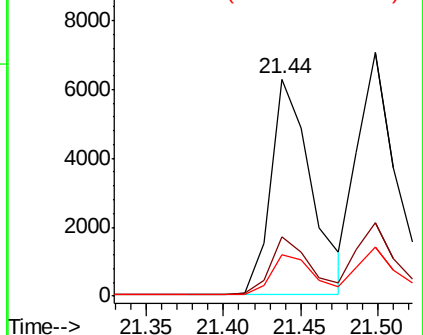
229 19.1 16.3 24.5

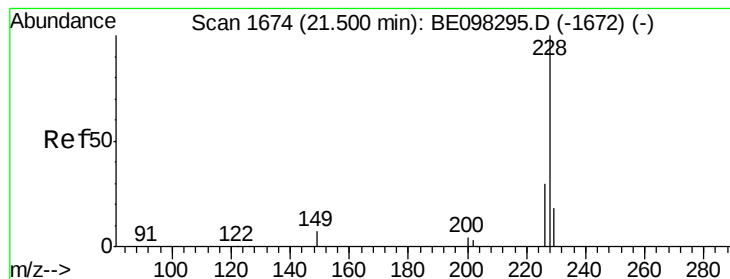


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

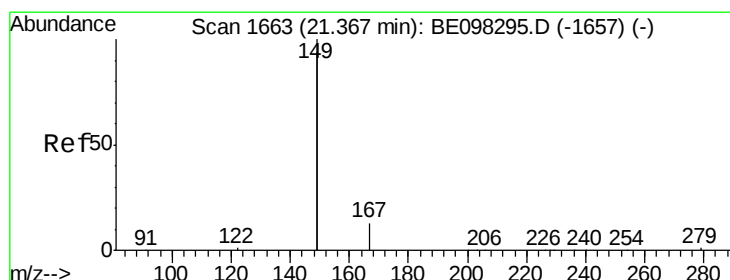
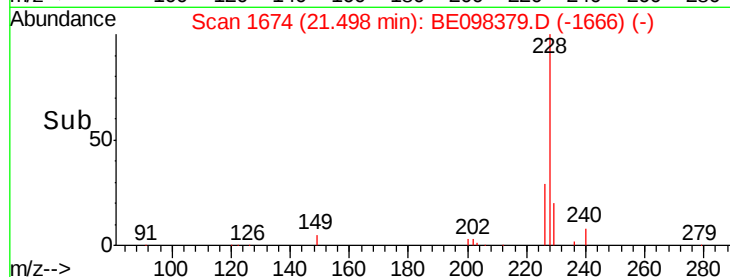
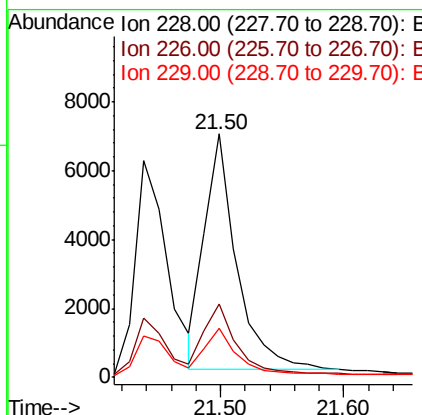
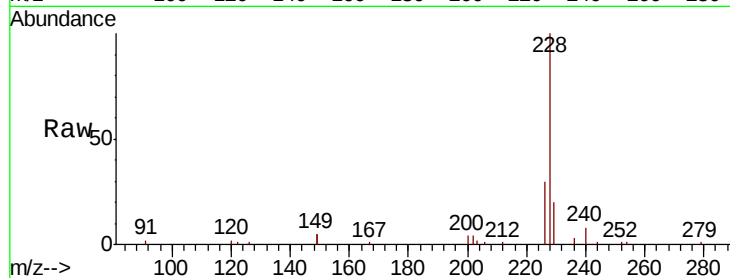




#31
 Chrysene
 Concen: 0.377 ng
 RT: 21.50 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BE098379.D
 Acq: 13 Dec 2018 2:11

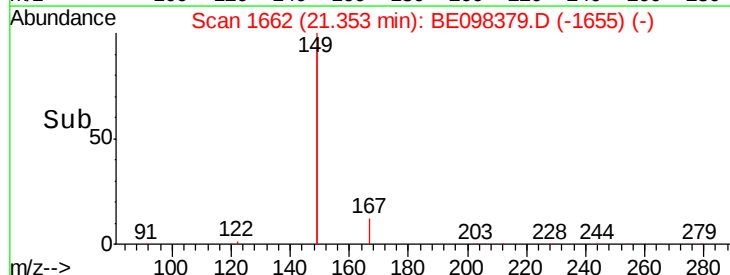
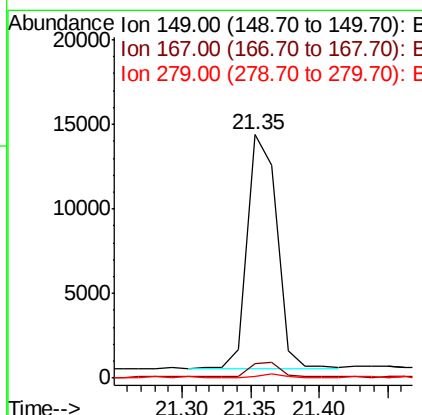
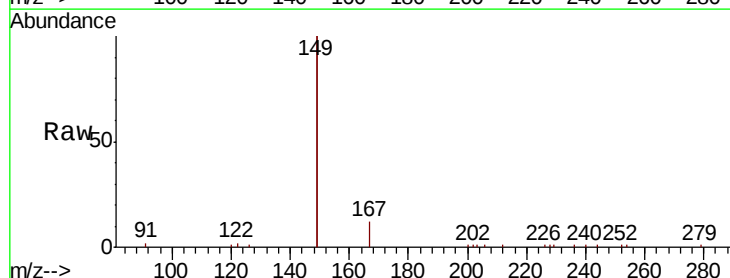
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 228 Resp: 12278
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.4 35.0
 229 20.3 16.2 24.4



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.324 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098379.D
 Acq: 13 Dec 2018 2:11

Tgt Ion: 149 Resp: 20470
 Ion Ratio Lower Upper
 149 100
 167 6.8 5.7 8.5
 279 1.0 1.0 1.4





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.390 ng

RT: 26.68 min Scan# 3018

Delta R.T. -0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

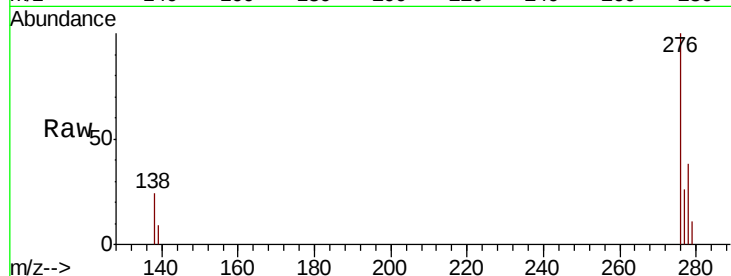
Tgt Ion:276 Resp: 12652

Ion Ratio Lower Upper

276 100

138 7.1 16.3 24.5#

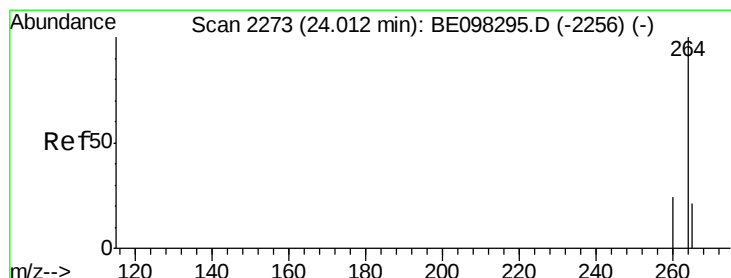
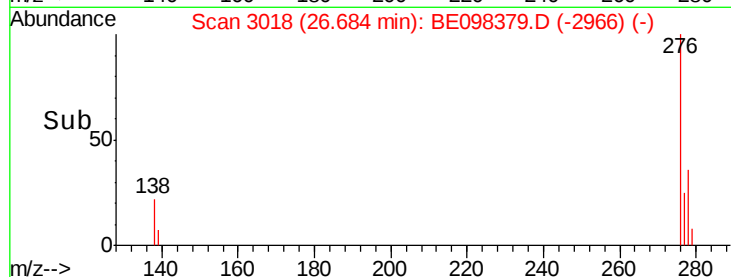
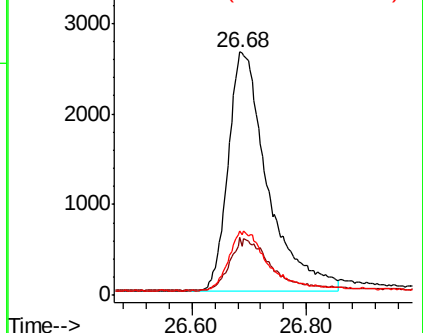
277 8.8 20.2 30.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

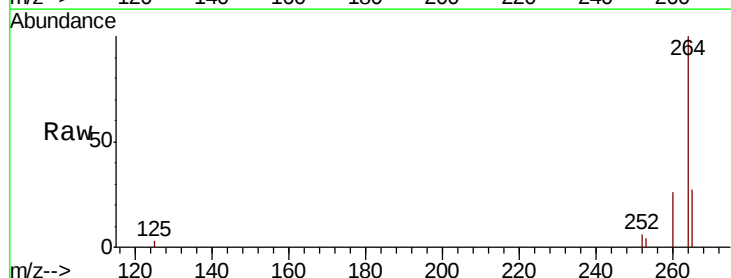
Tgt Ion:264 Resp: 10532

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.2

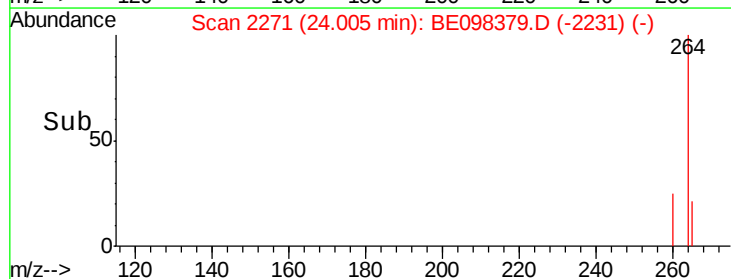
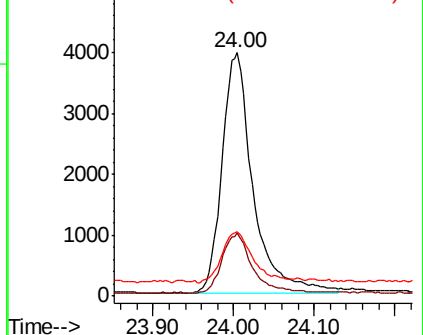
265 26.6 25.2 37.8

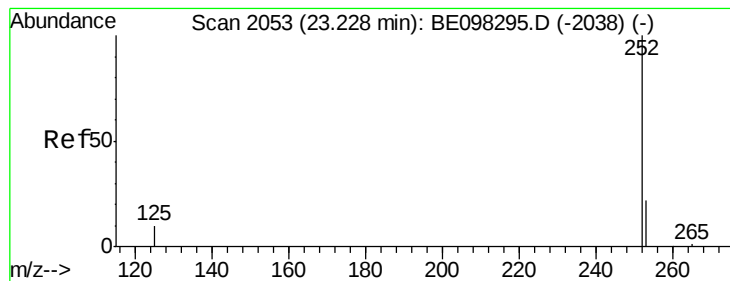


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.457 ng

RT: 23.27 min Scan# 2065

Delta R.T. 0.04 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

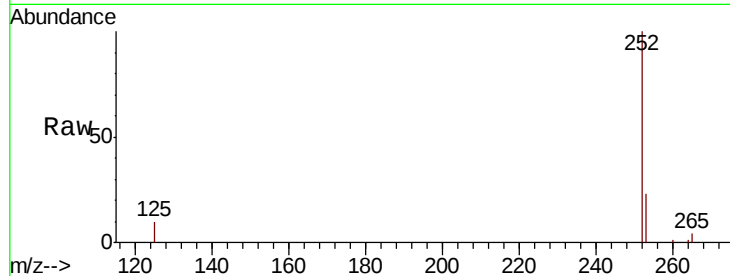
Tgt Ion:252 Resp: 13167

Ion Ratio Lower Upper

252 100

253 23.0 20.0 30.0

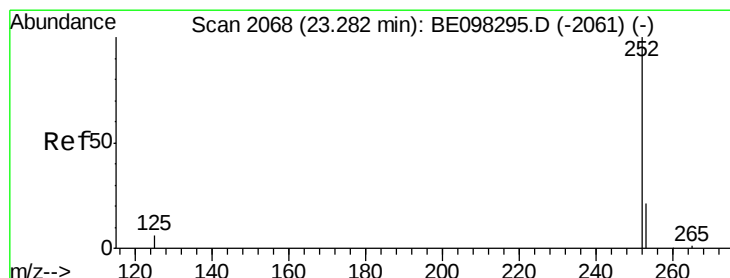
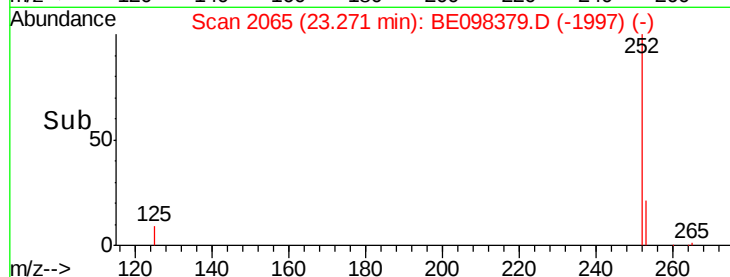
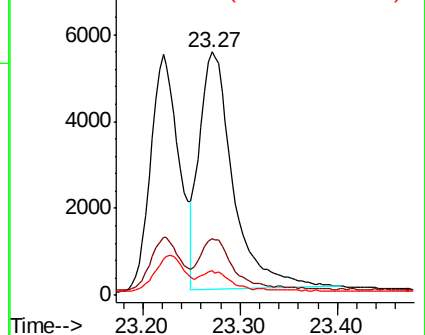
125 10.3 9.6 14.4



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



#36

Benzo(k)fluoranthene

Concen: 0.398 ng

RT: 23.27 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

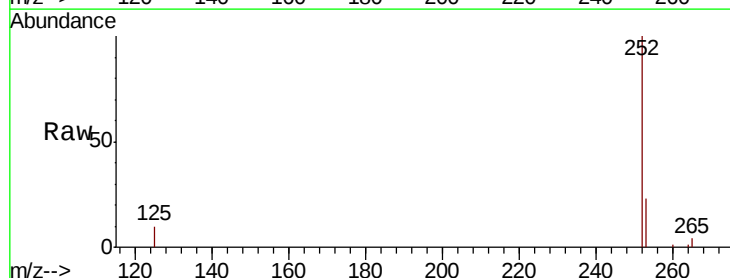
Tgt Ion:252 Resp: 13355

Ion Ratio Lower Upper

252 100

253 23.0 19.0 28.6

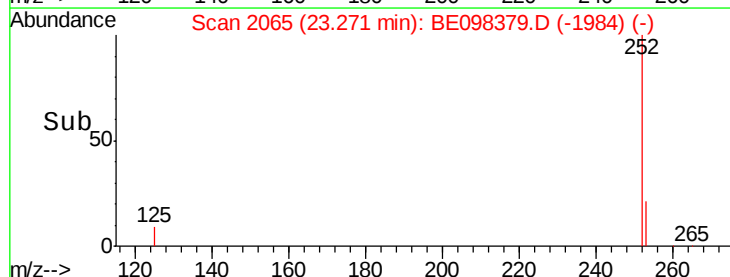
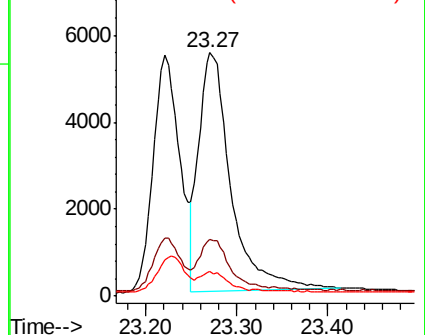
125 10.3 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.89 min Scan# 2240

Delta R.T. -0.00 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

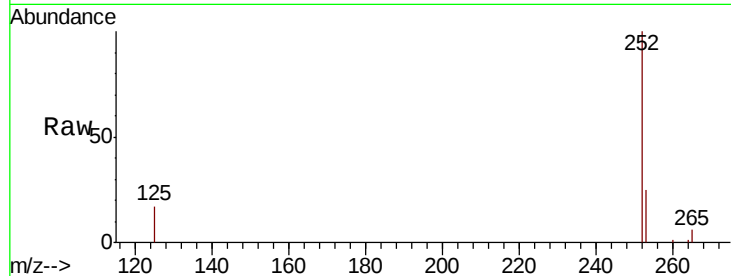
Tgt Ion:252 Resp: 11628

Ion Ratio Lower Upper

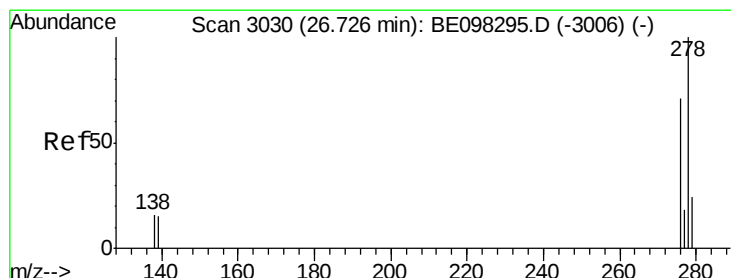
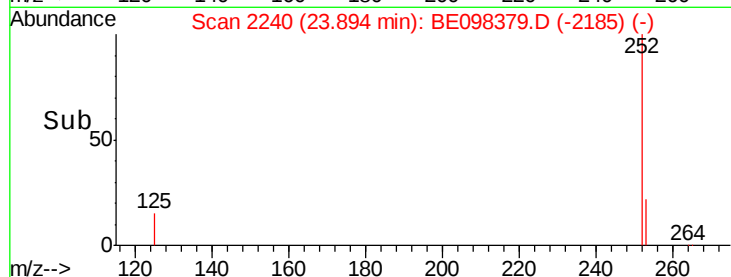
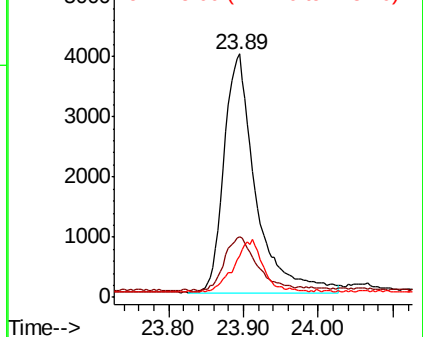
252 100

253 24.9 20.6 30.8

125 17.1 10.5 15.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.374 ng

RT: 26.72 min Scan# 3028

Delta R.T. -0.01 min

Lab File: BE098379.D

Acq: 13 Dec 2018 2:11

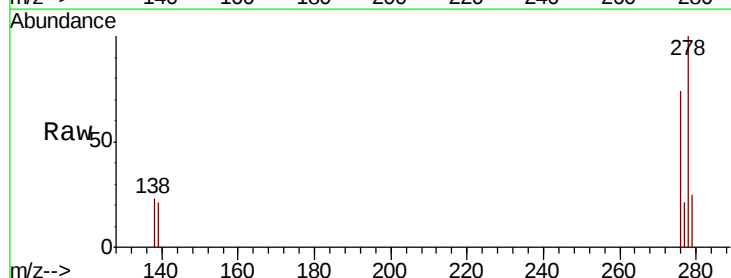
Tgt Ion:278 Resp: 10474

Ion Ratio Lower Upper

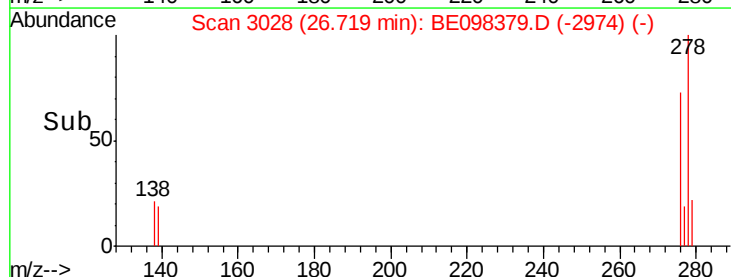
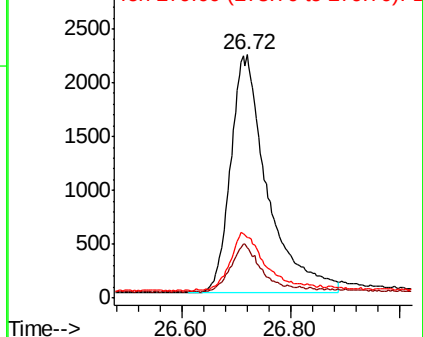
278 100

139 20.9 14.5 21.7

279 25.0 21.8 32.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.378 ng

RT: 27.51 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BE098379.D

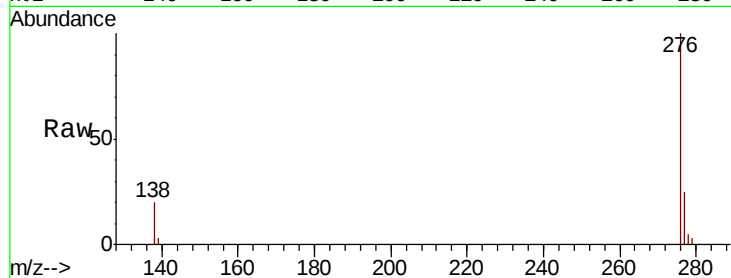
Acq: 13 Dec 2018 2:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



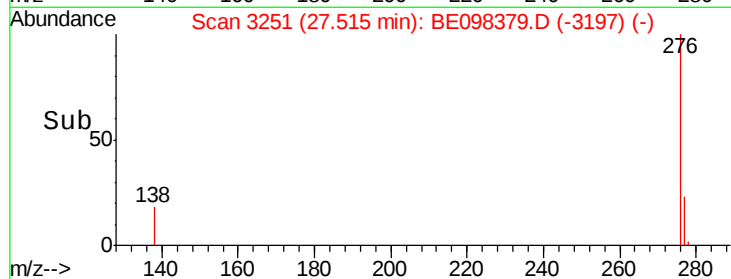
Tgt Ion: 276 Resp: 10651

Ion Ratio Lower Upper

276 100

277 25.0 20.8 31.2

138 19.6 15.8 23.6



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

