

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121518\
 Data File : BE098468.D
 Acq On : 15 Dec 2018 12:29
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 16 02:33:09 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

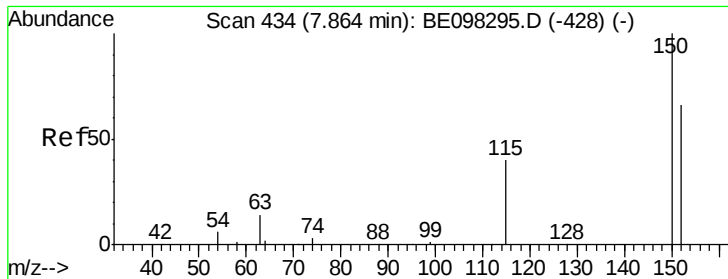
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	806	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3589	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	2283	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6037	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	7401	0.40	ng	0.00
34) Perylene-d12	24.00	264	7136	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	902	0.48	ng	0.01
5) Phenol-d6	7.04	99	1323	0.50	ng	0.00
8) Nitrobenzene-d5	9.03	82	1249	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2375	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	395	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	3707	0.38	ng	0.00
25) Fluoranthene-d10	19.30	212	32774	0.42	ng	0.00
29) Terphenyl-d14	19.90	244	6027	0.34	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	478	0.343	ng	# 89
3) n-Nitrosodimethylamine	3.70	42	347	0.277	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	951	0.375	ng	# 81
9) Naphthalene	10.71	128	14858	0.411	ng	99
10) Hexachlorobutadiene	10.99	225	1034	0.450	ng	97
12) 2-Methylnaphthalene	12.34	142	2243	0.382	ng	96
16) Acenaphthylene	14.24	152	4459	0.417	ng	98
17) Acenaphthene	14.59	154	2624	0.408	ng	97
18) Fluorene	15.57	166	3505	0.408	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1235	0.380	ng	# 84
21) Hexachlorobenzene	16.58	284	1473	0.422	ng	94
22) Pentachlorophenol	16.94	266	321	0.543	ng	97
23) Phenanthrene	17.31	178	5991	0.408	ng	100
24) Anthracene	17.41	178	4859	0.372	ng	99
26) Fluoranthene	19.33	202	8257	0.425	ng	98
28) Pyrene	19.69	202	8841	0.381	ng	100
30) Benzo(a)anthracene	21.44	228	8483	0.403	ng	97
31) Chrysene	21.50	228	8987	0.407	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	16599	0.388	ng	99
33) Indeno(1,2,3-cd)pyrene	26.69	276	8960	0.408	ng	99
35) Benzo(b)fluoranthene	23.22	252	7879	0.404	ng	98
36) Benzo(k)fluoranthene	23.27	252	9744	0.429	ng	98
37) Benzo(a)pyrene	23.89	252	7974	0.396	ng	98
38) Dibenzo(a,h)anthracene	26.72	278	7278	0.384	ng	99
39) Benzo(g,h,i)perylene	27.51	276	7667	0.401	ng	99

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

```
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Data File : BE098468.D  
Acq On    : 15 Dec 2018 12:29  
Operator  : SJ/JU  
Sample    : SSTDCCC0.4  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

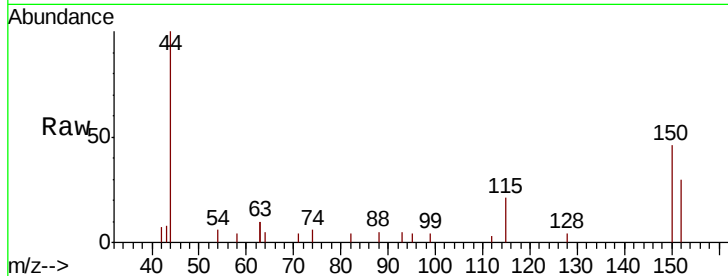


#1

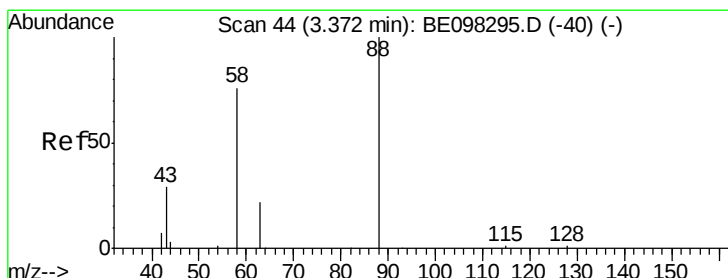
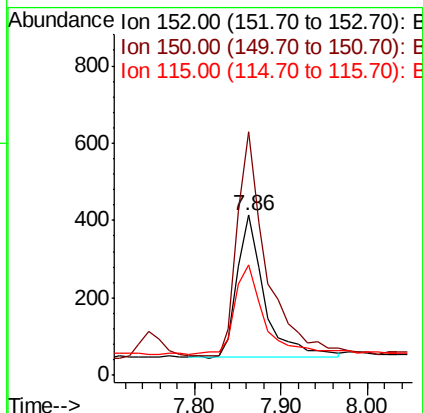
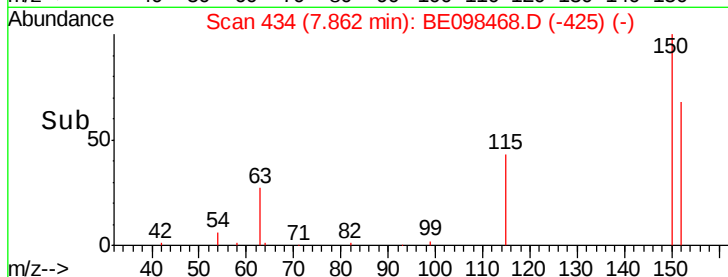
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098468.D
Acq: 15 Dec 2018 12:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.2	186.4
115	69.3	53.9	80.9



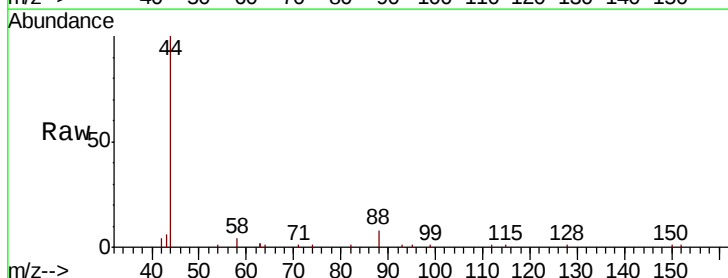
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



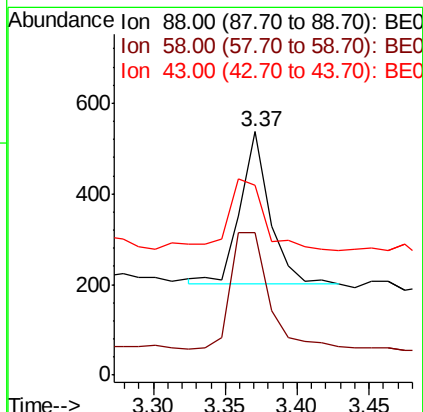
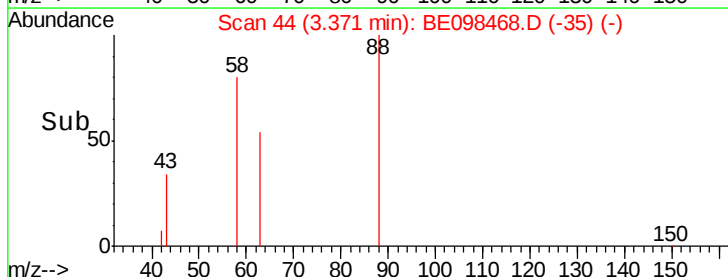
#2

1,4-Dioxane
Concen: 0.343 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098468.D
Acq: 15 Dec 2018 12:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.0	75.0	112.6
43	63.0	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



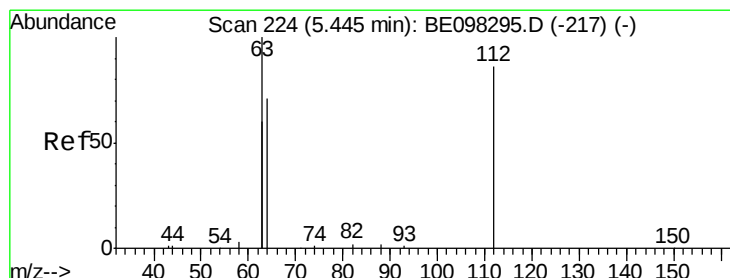
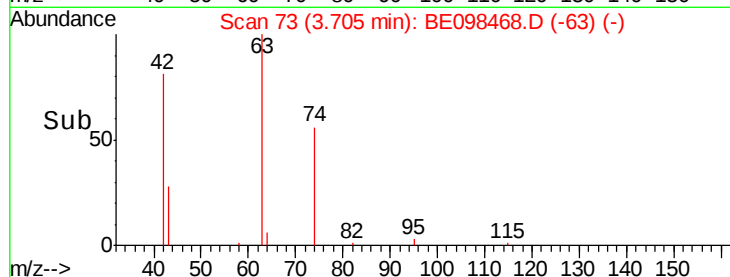
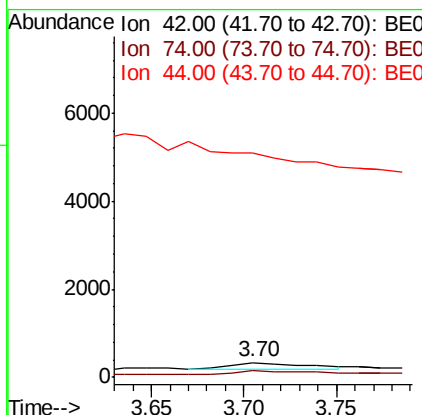
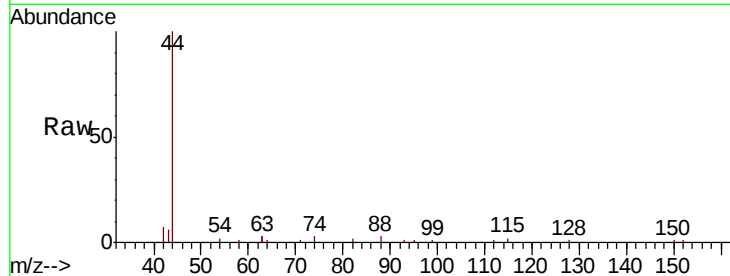


#3

n-Nitrosodimethylamine
 Concen: 0.277 ng
 RT: 3.70 min Scan# 73
 Delta R.T. 0.01 min
 Lab File: BE098468.D
 Acq: 15 Dec 2018 12:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

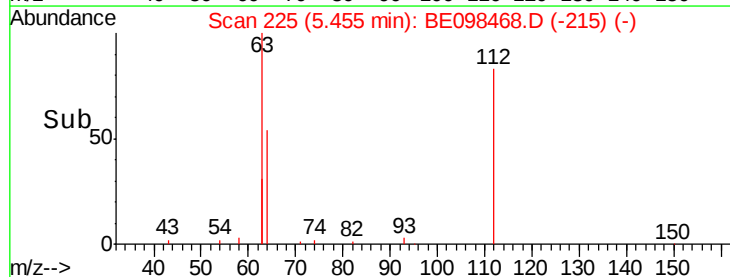
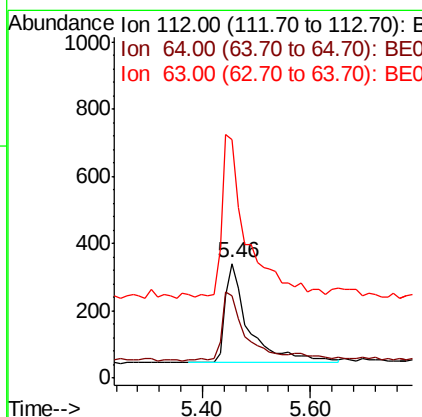
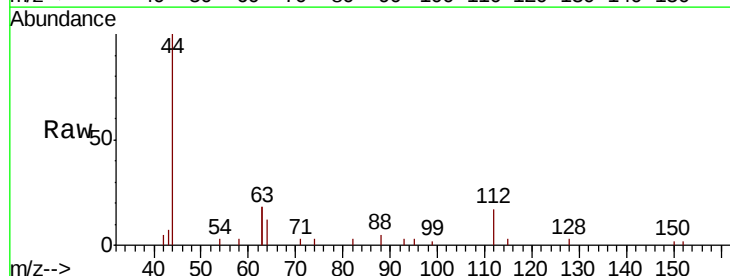
Tot Ion: 42 Resp: 347
 Ion Ratio Lower Upper
 42 100
 74 76.7 0.0 0.0#
 44 0.0 0.0 0.0



#4

2-Fluorophenol
 Concen: 0.478 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098468.D
 Acq: 15 Dec 2018 12:29

Tgt Ion: 112 Resp: 902
 Ion Ratio Lower Upper
 112 100
 64 68.0 59.8 89.8
 63 172.7 133.7 200.5





#5

Phenol-d6

Concen: 0.495 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

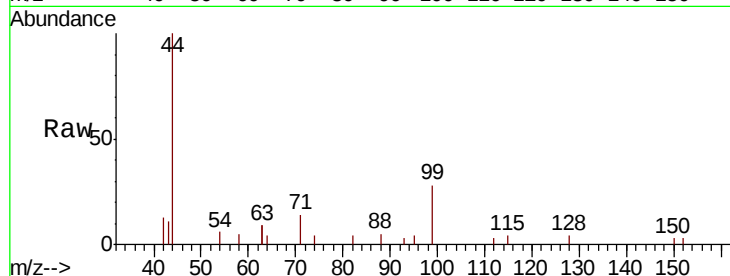
Tot Ion: 99 Resp: 1323

Ion Ratio Lower Upper

99 100

42 26.5 26.3 39.5

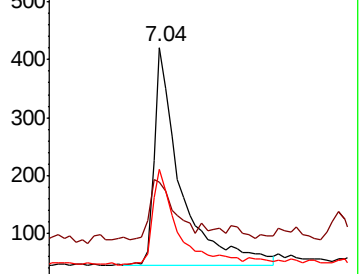
71 41.6 33.6 50.4



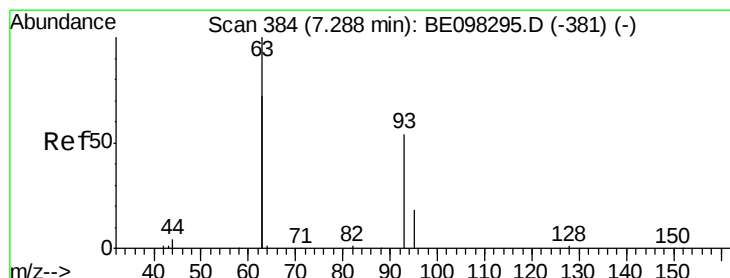
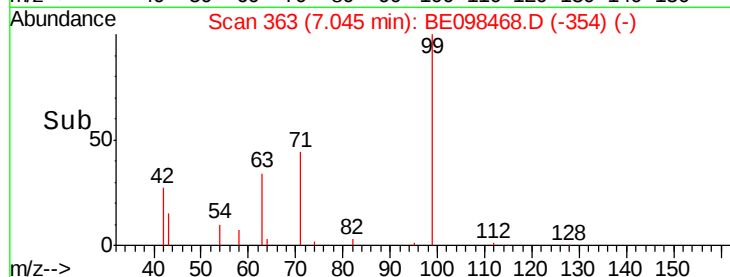
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.375 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

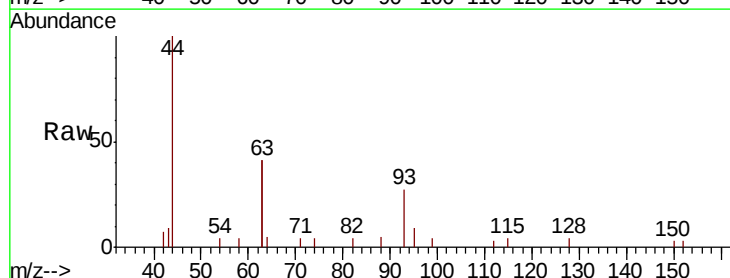
Tgt Ion: 93 Resp: 951

Ion Ratio Lower Upper

93 100

63 289.4 264.4 396.6

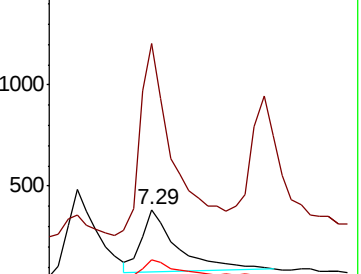
95 26.0 26.6 40.0#



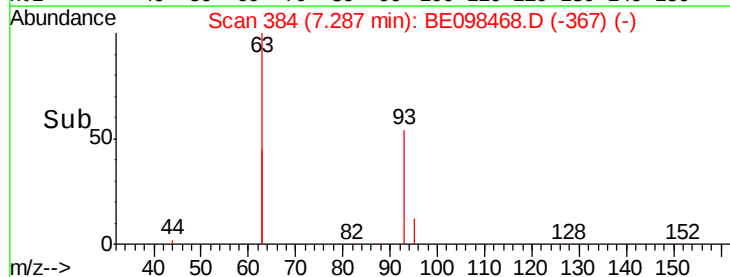
Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 3589

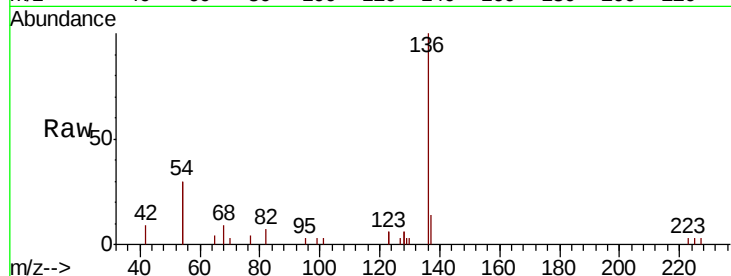
Ion Ratio Lower Upper

136 100

137 14.0 9.2 13.8#

54 60.7 28.4 42.6#

68 8.9 5.4 8.0#

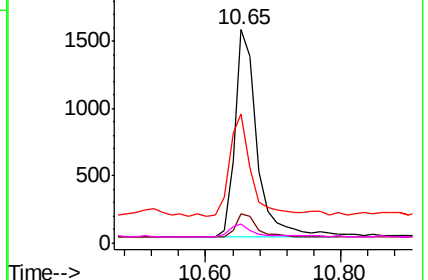
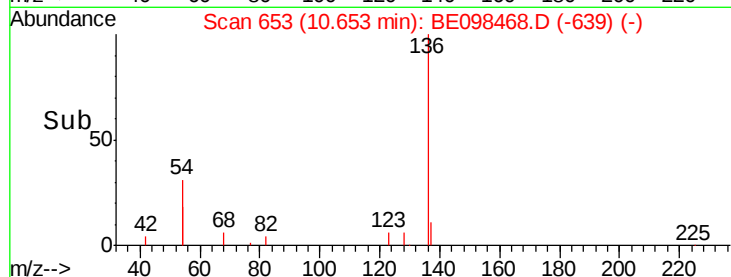


Abundance Ion 136.00 (135.70 to 136.70): E

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: BE098468.D

Acq: 15 Dec 2018 12:29

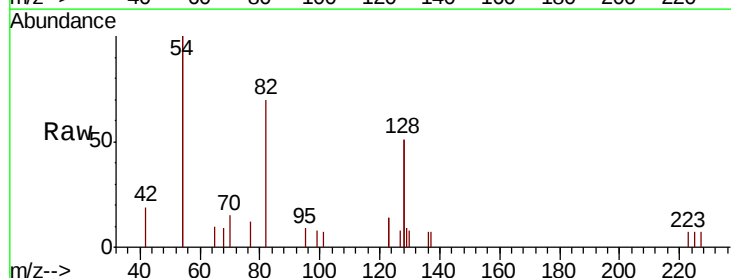
Tgt Ion: 82 Resp: 1249

Ion Ratio Lower Upper

82 100

128 145.5 102.4 153.6

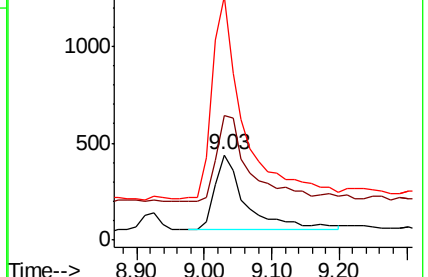
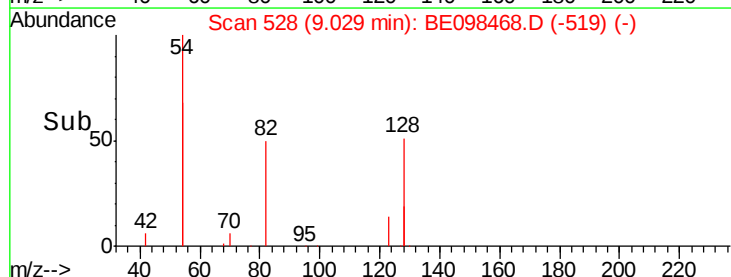
54 285.5 221.8 332.8

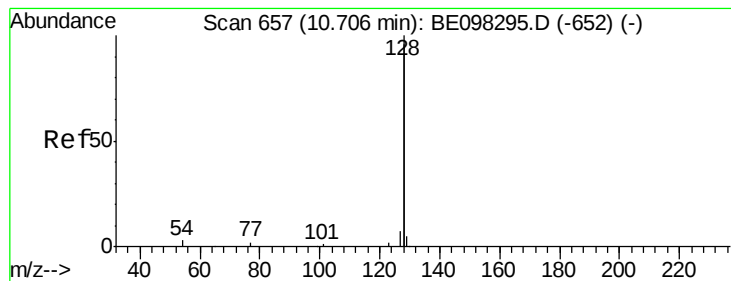


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.411 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

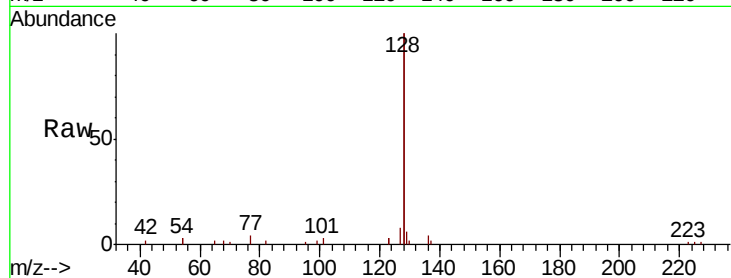
Tot Ion:128 Resp: 14858

Ion Ratio Lower Upper

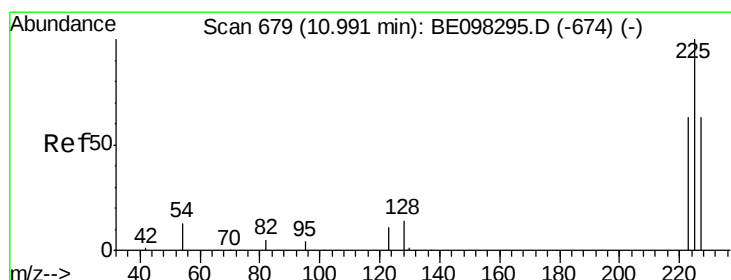
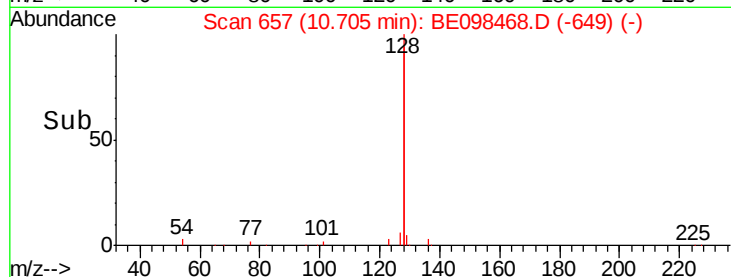
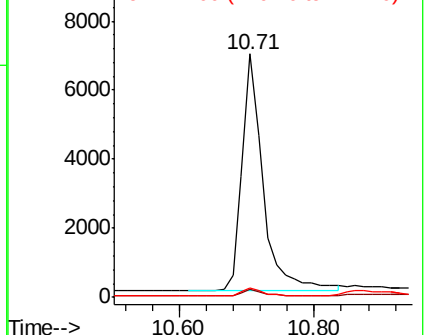
128 100

129 3.2 2.5 3.7

127 3.9 2.7 4.1



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: 0.450 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

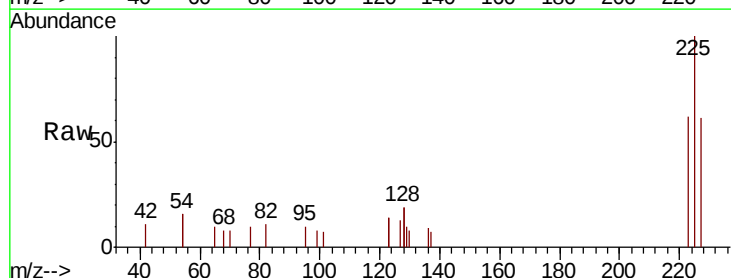
Tgt Ion:225 Resp: 1034

Ion Ratio Lower Upper

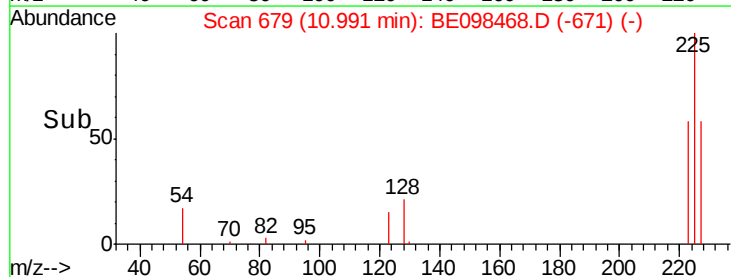
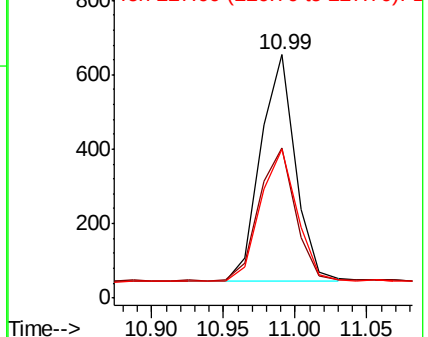
225 100

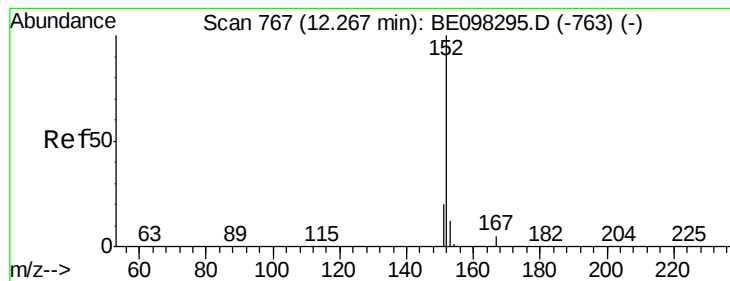
223 62.1 49.4 74.0

227 61.4 52.0 78.0



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: 0.407 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

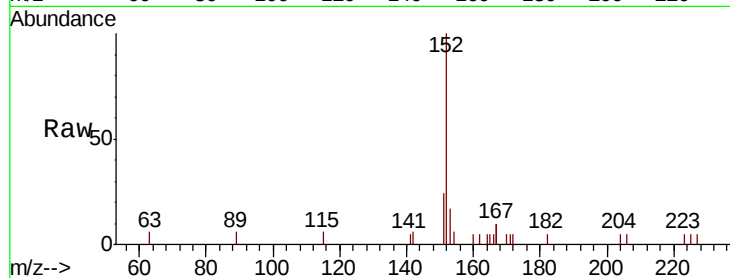
SSTDCCC0.4

Tot Ion:152 Resp: 2375

Ion Ratio Lower Upper

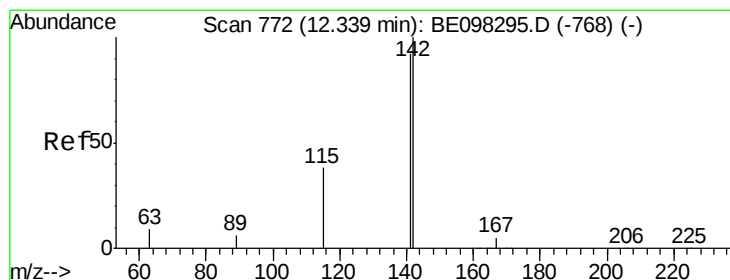
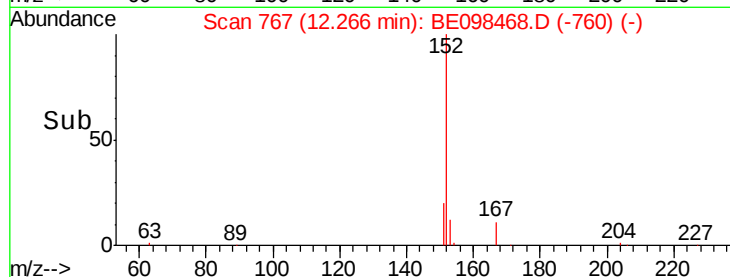
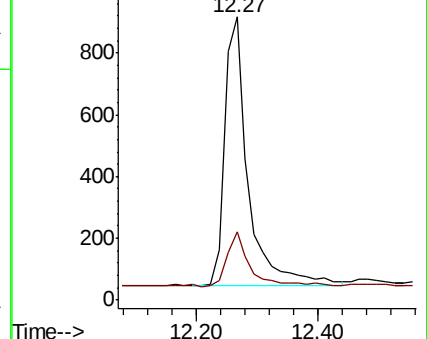
152 100

151 19.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.382 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

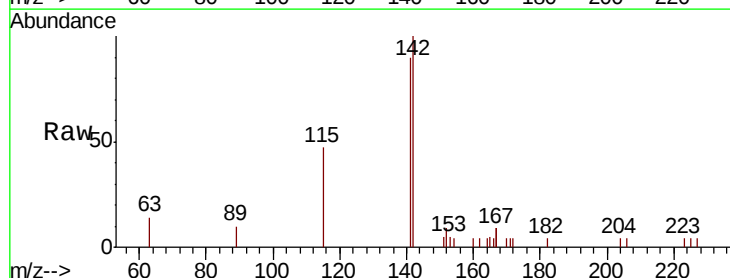
Tgt Ion:142 Resp: 2243

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6

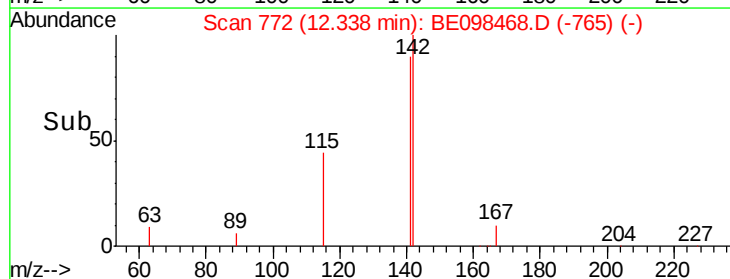
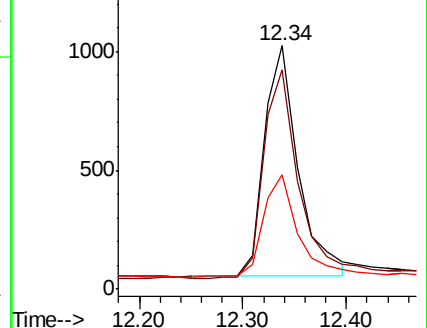
115 47.0 32.2 48.2

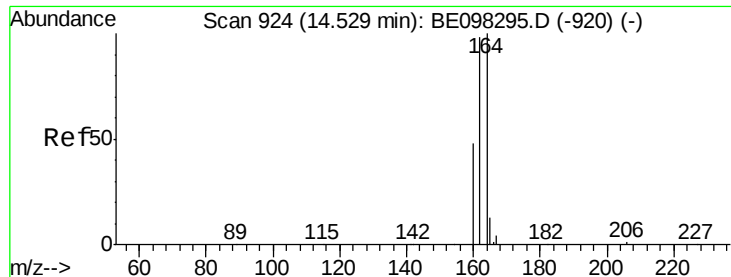


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

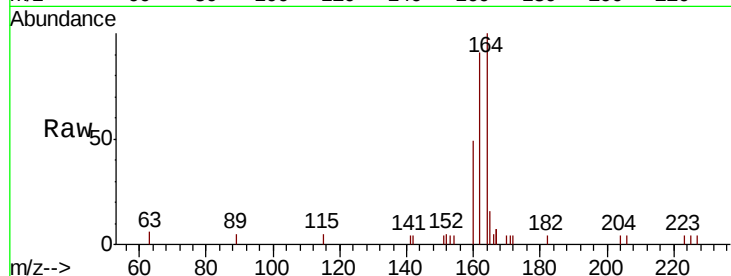




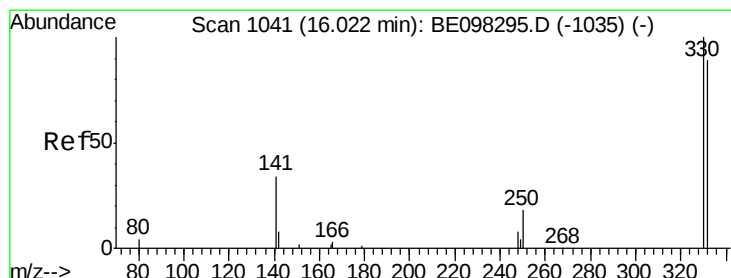
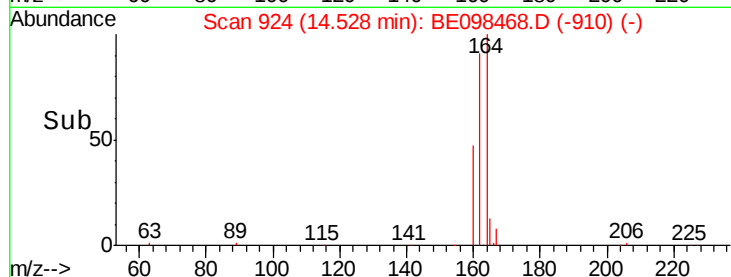
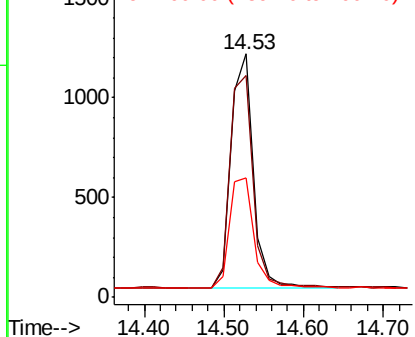
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098468.D
Acq: 15 Dec 2018 12:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 2283
Ion Ratio Lower Upper
164 100
162 91.1 77.6 116.4
160 49.1 36.0 54.0

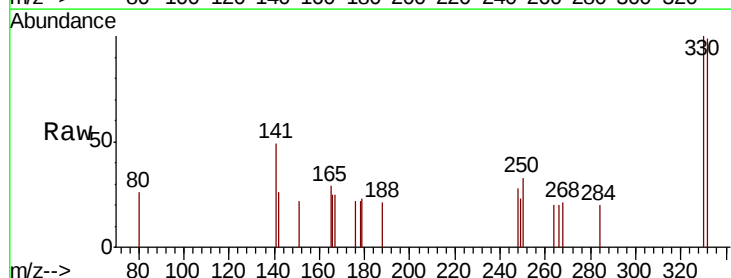


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

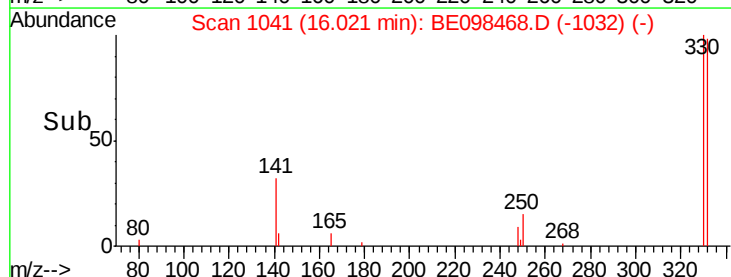
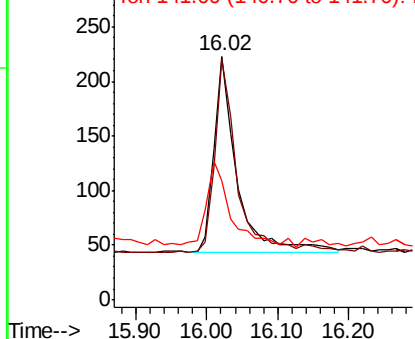


#14
2,4,6-Tribromophenol
Concen: 0.471 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098468.D
Acq: 15 Dec 2018 12:29

Tgt Ion:330 Resp: 395
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 42.8 39.0 58.4



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

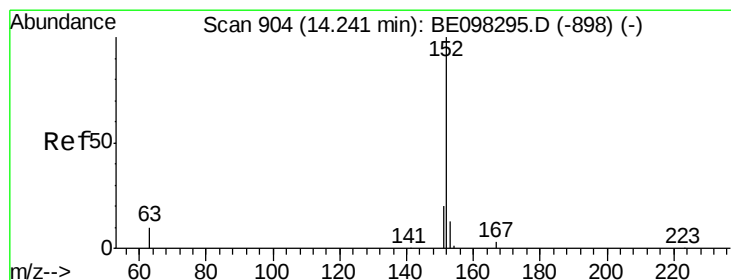
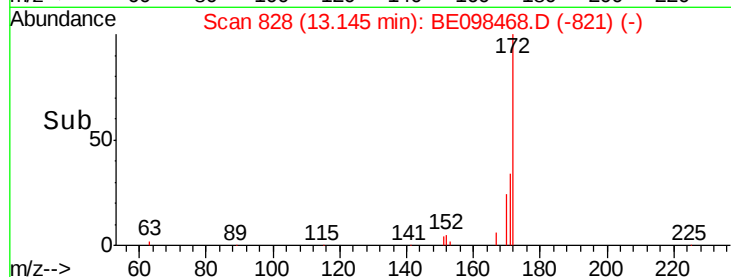
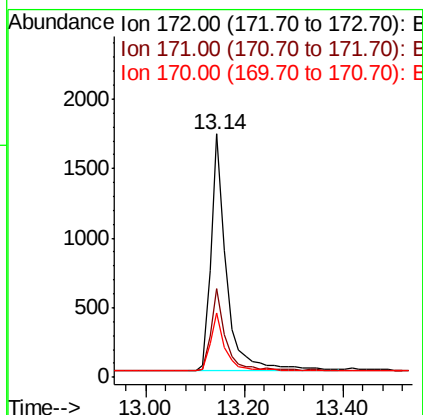
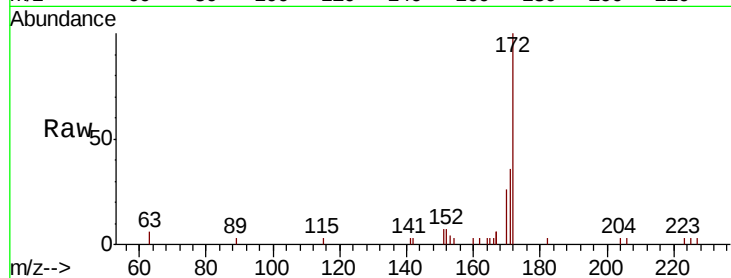




#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098468.D
Acq: 15 Dec 2018 12:29

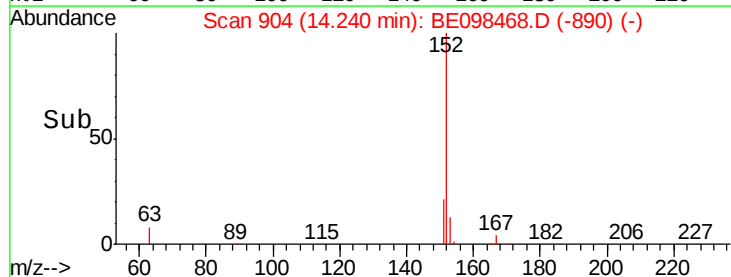
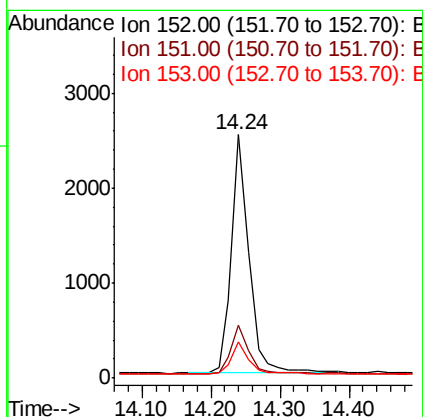
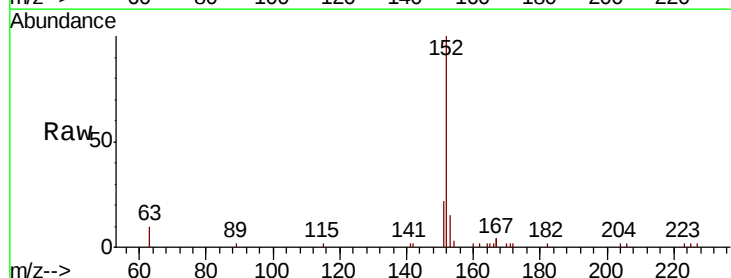
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 3707
Ion Ratio Lower Upper
172 100
171 36.2 27.5 41.3
170 26.3 19.6 29.4



#16
Acenaphthylene
Concen: 0.417 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098468.D
Acq: 15 Dec 2018 12:29

Tgt Ion:152 Resp: 4459
Ion Ratio Lower Upper
152 100
151 20.4 15.5 23.3
153 12.9 10.6 16.0





#17

Acenaphthene

Concen: 0.408 ng

RT: 14.59 min Scan# 928

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

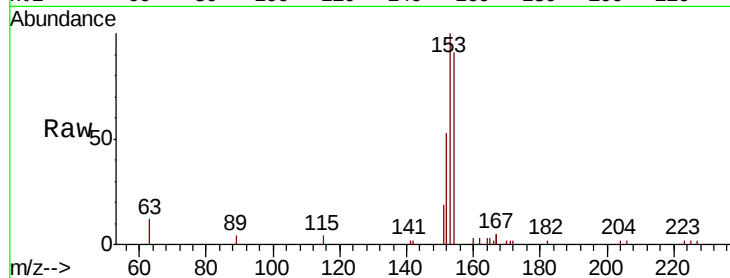
Tot Ion:154 Resp: 2624

Ion Ratio Lower Upper

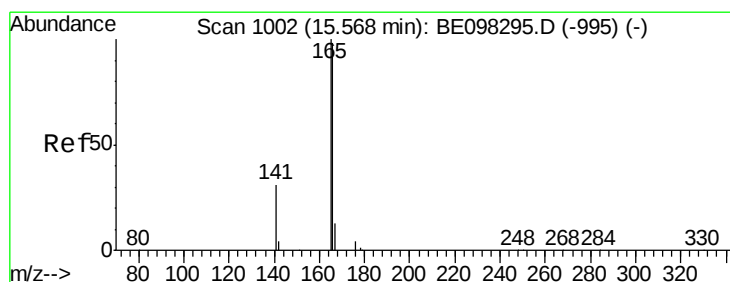
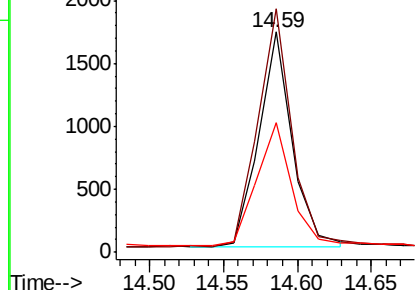
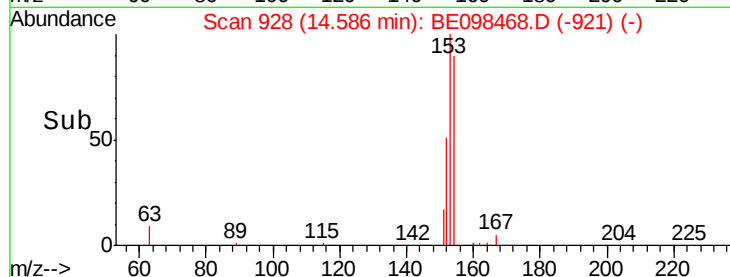
154 100

153 112.8 91.8 137.6

152 60.1 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: 0.408 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

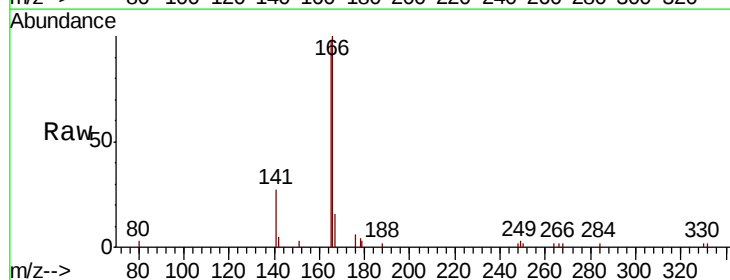
Tgt Ion:166 Resp: 3505

Ion Ratio Lower Upper

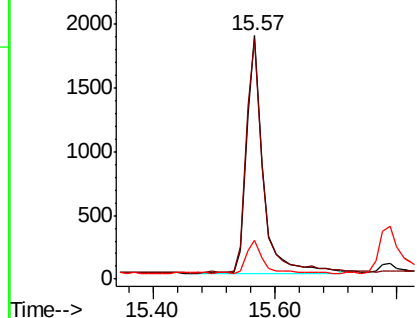
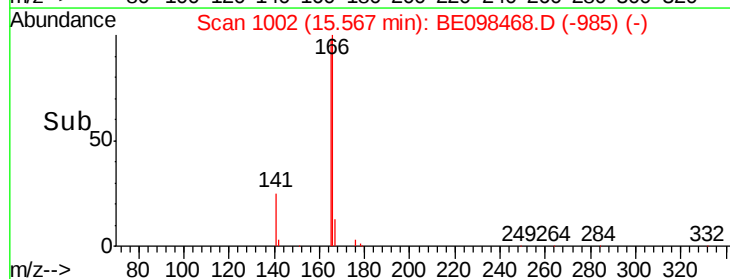
166 100

165 100.5 79.3 118.9

167 13.3 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: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

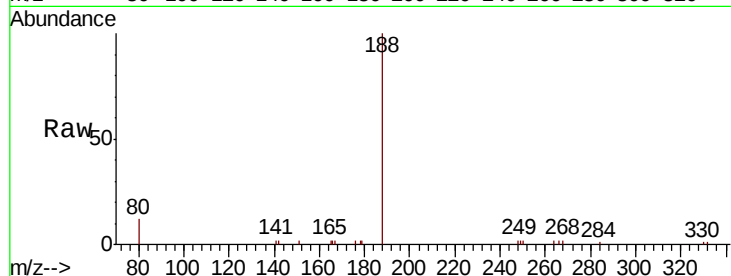
Tot Ion:188 Resp: 6037

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

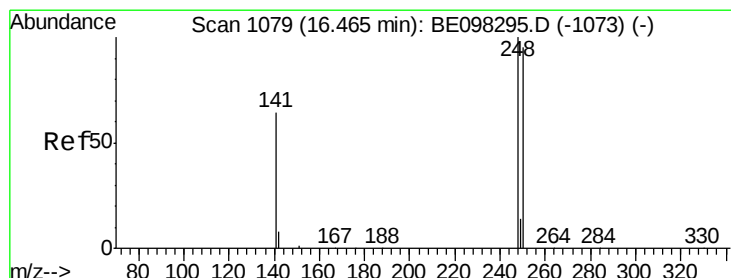
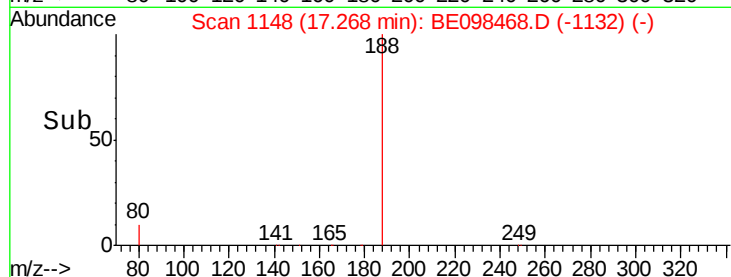
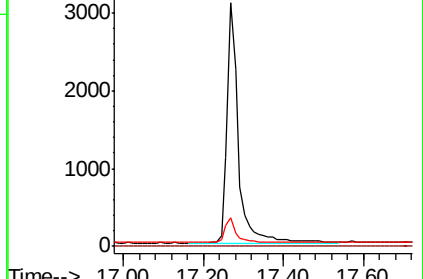
80 11.6 7.2 10.8#



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: 0.380 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

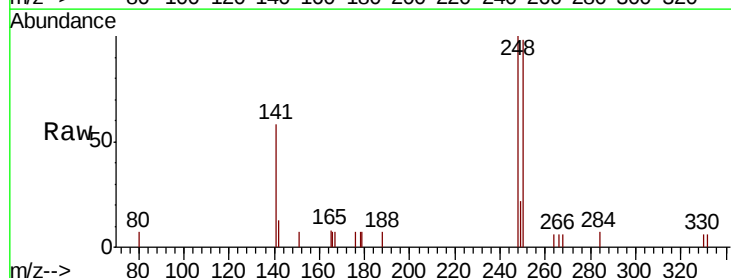
Tgt Ion:248 Resp: 1235

Ion Ratio Lower Upper

248 100

250 97.8 71.0 106.6

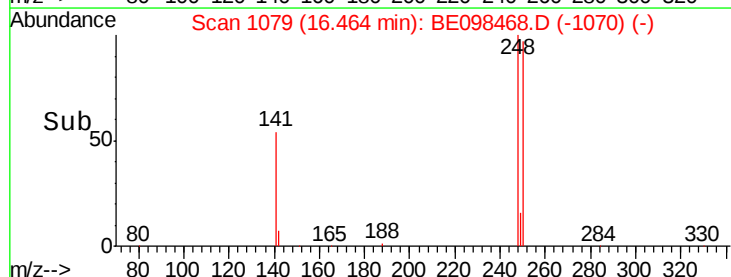
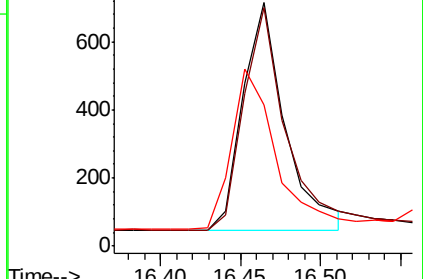
141 57.8 62.1 93.1#



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

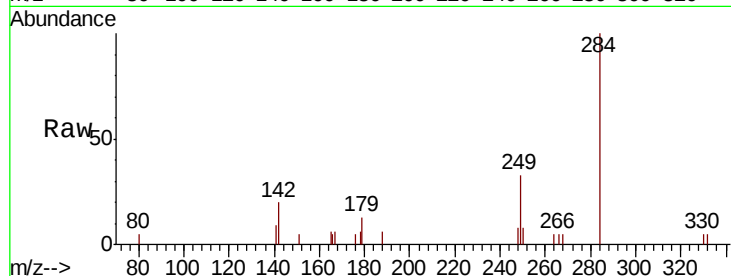




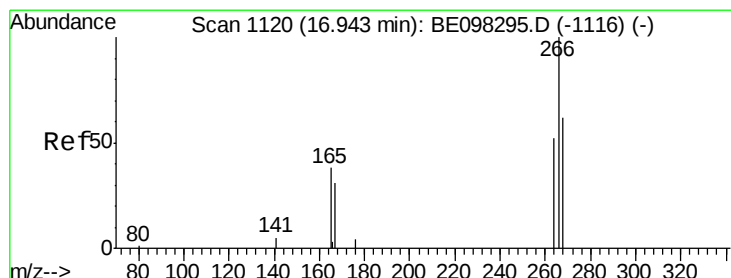
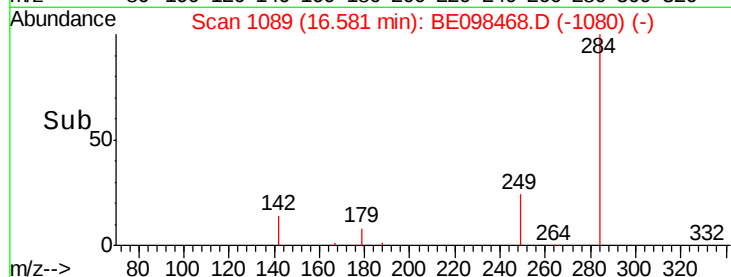
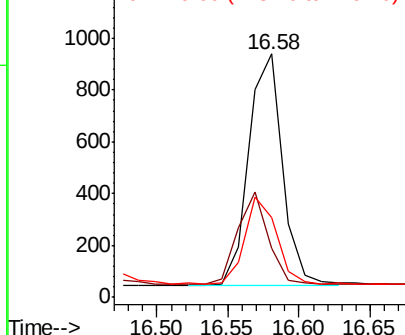
#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.58 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BE098468.D
Acq: 15 Dec 2018 12:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 1473
Ion Ratio Lower Upper
284 100
142 36.7 26.3 39.5
249 35.0 26.0 39.0

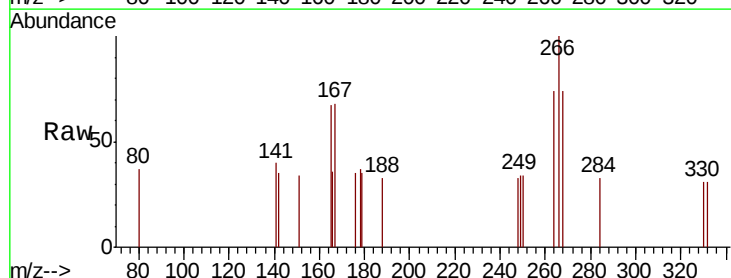


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

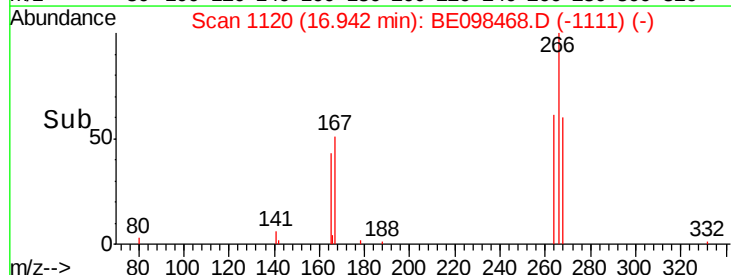
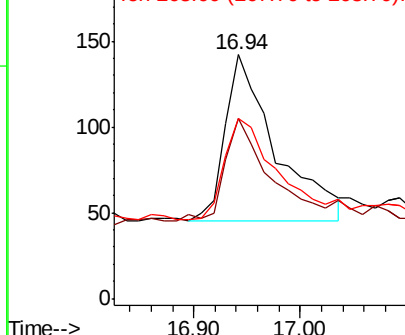


#22
Pentachlorophenol
Concen: 0.543 ng
RT: 16.94 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098468.D
Acq: 15 Dec 2018 12:29

Tgt Ion:266 Resp: 321
Ion Ratio Lower Upper
266 100
264 73.9 59.0 88.4
268 73.9 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: 0.408 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

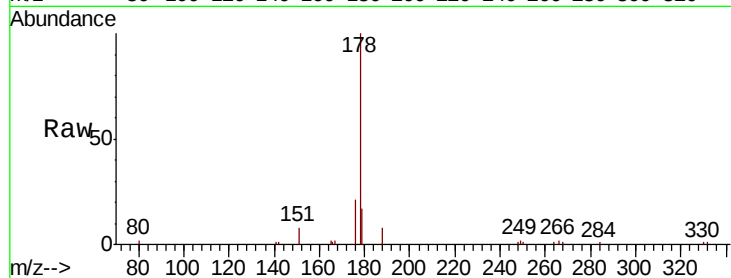
Tot Ion:178 Resp: 5991

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

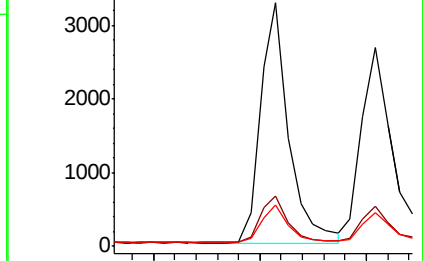
179 15.2 12.3 18.5



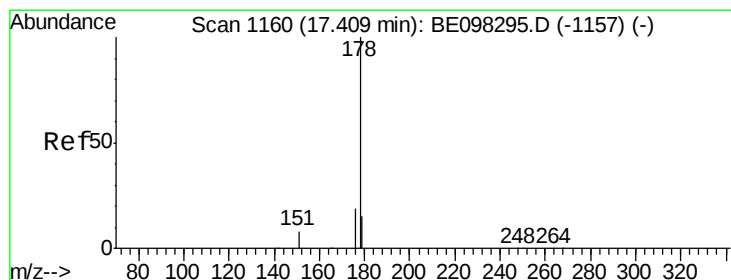
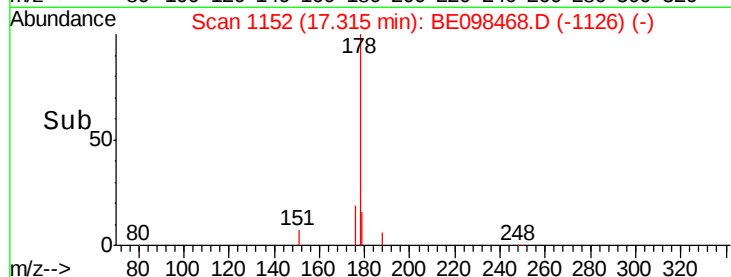
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.372 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

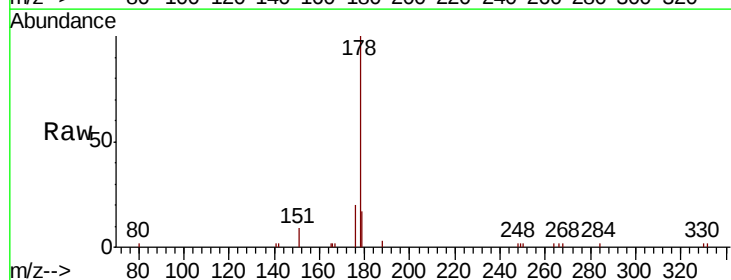
Tgt Ion:178 Resp: 4859

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

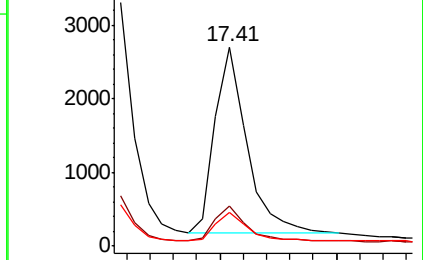
179 15.7 12.3 18.5



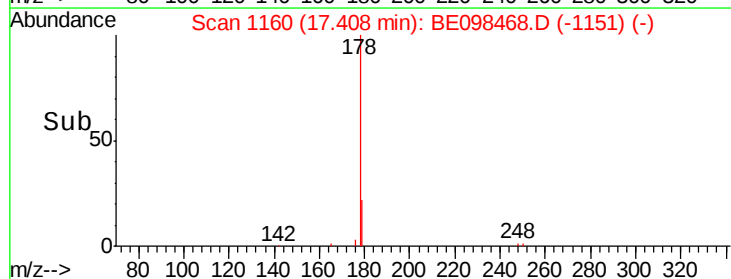
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

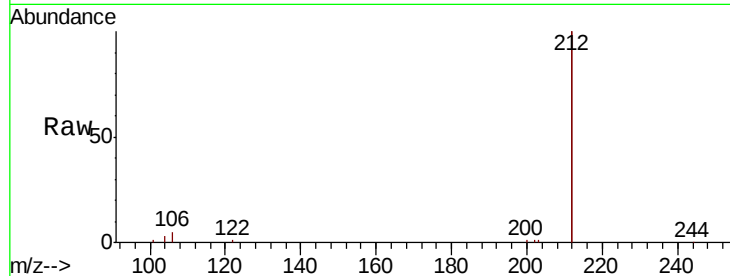




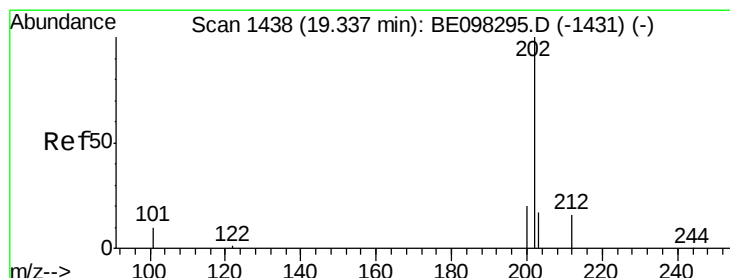
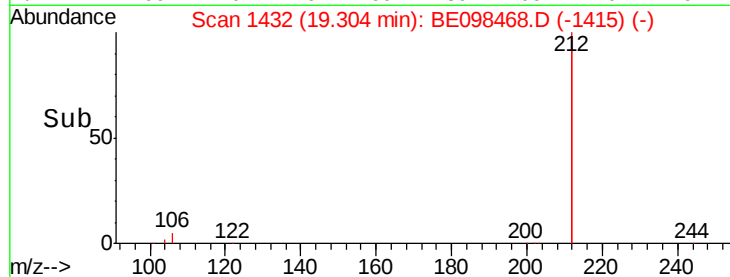
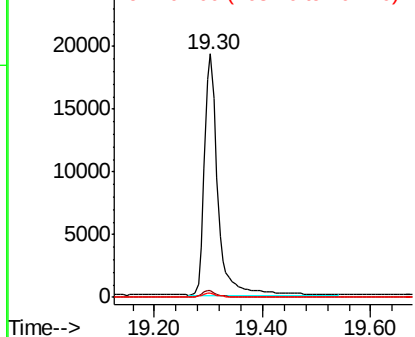
#25
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE098468.D
Acq: 15 Dec 2018 12:29

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:212 Resp: 32774
Ion Ratio Lower Upper
212 100
106 2.4 2.2 3.2
104 1.5 1.3 1.9

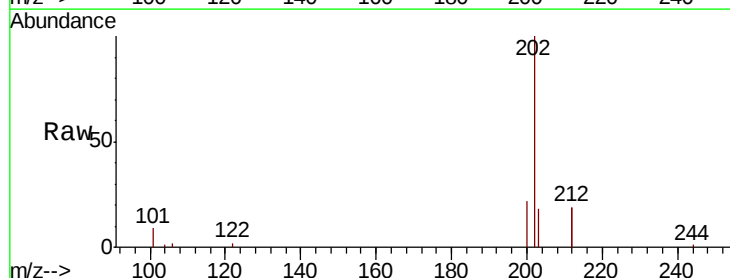


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

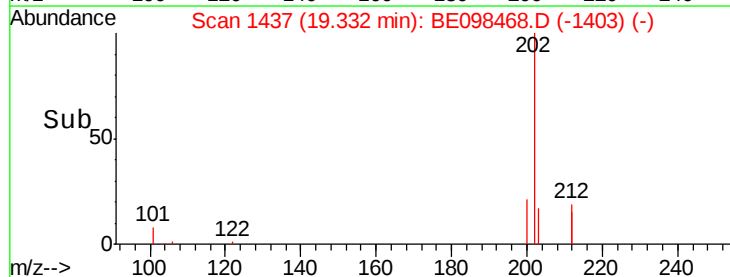
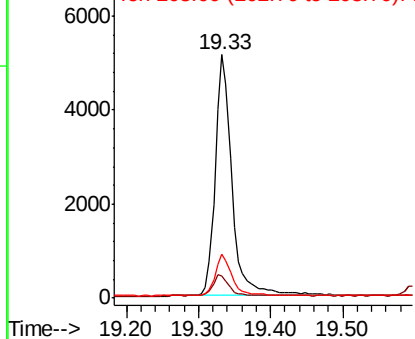


#26
Fluoranthene
Concen: 0.425 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BE098468.D
Acq: 15 Dec 2018 12:29

Tgt Ion:202 Resp: 8257
Ion Ratio Lower Upper
202 100
101 8.5 8.0 12.0
203 16.7 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: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

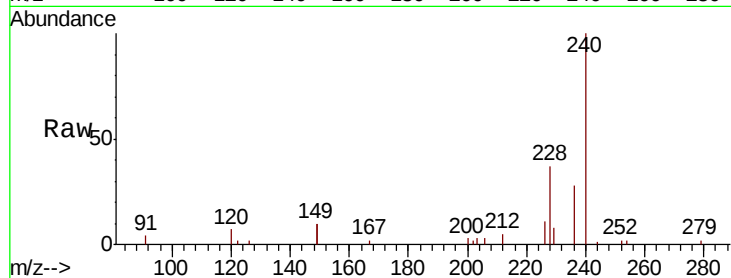
Tot Ion:240 Resp: 7401

Ion Ratio Lower Upper

240 100

120 7.4 9.5 14.3#

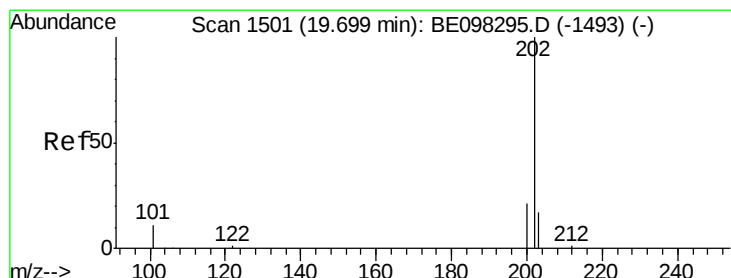
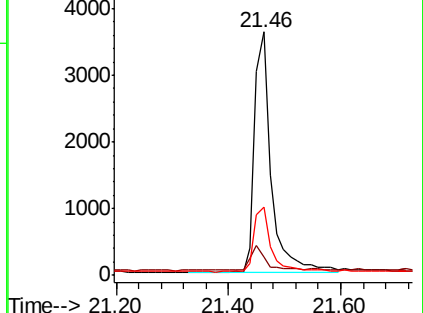
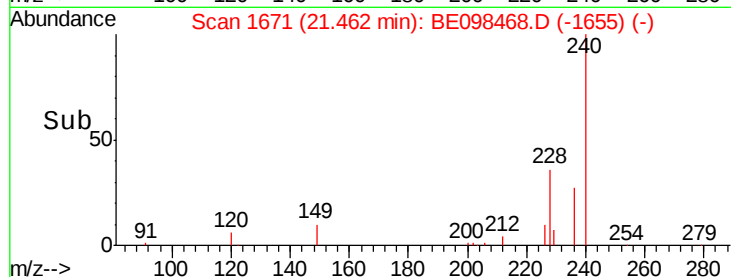
236 28.3 22.7 34.1



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: 0.381 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

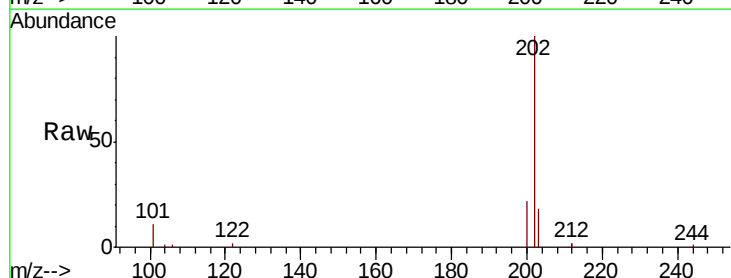
Tgt Ion:202 Resp: 8841

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

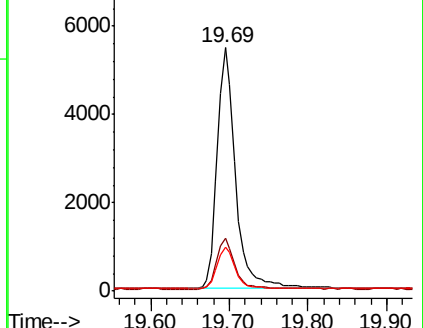
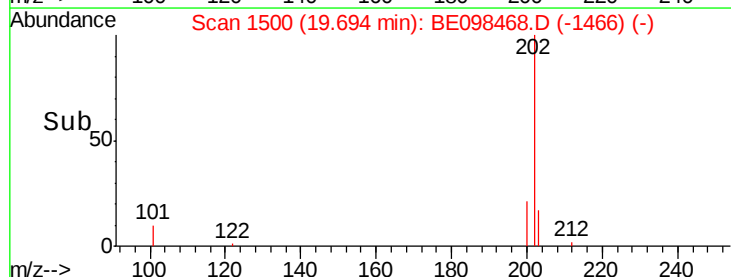
203 17.5 14.1 21.1



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: 0.335 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

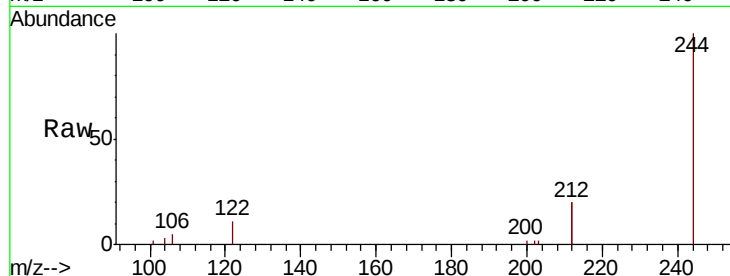
Tot Ion:244 Resp: 6027

Ion Ratio Lower Upper

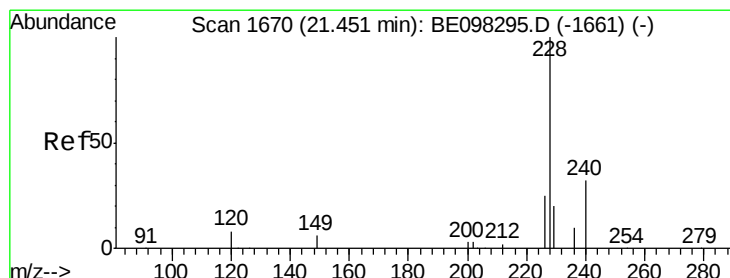
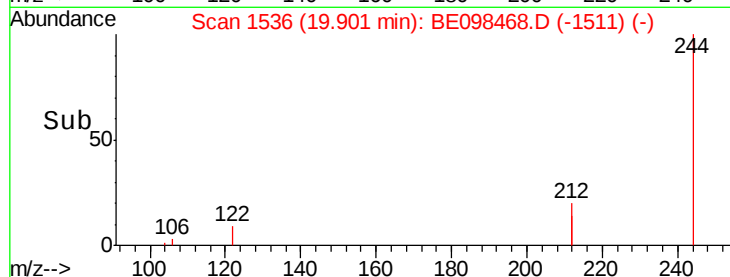
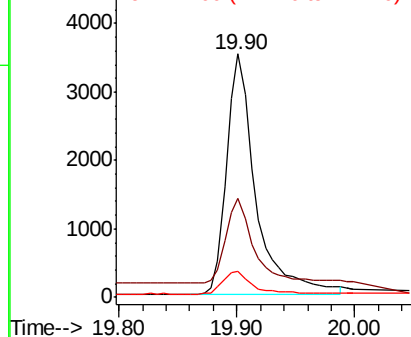
244 100

212 40.4 27.4 41.0

122 10.8 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: 0.403 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

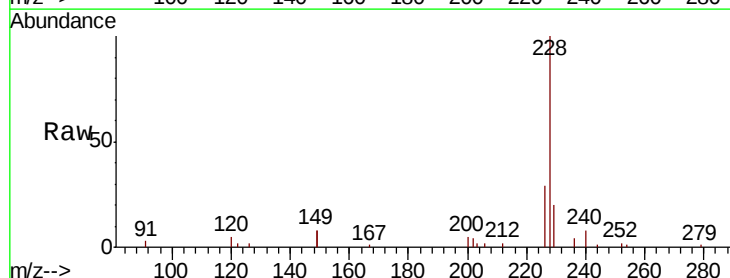
Tgt Ion:228 Resp: 8483

Ion Ratio Lower Upper

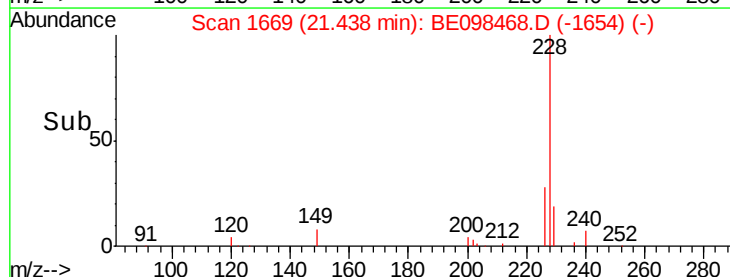
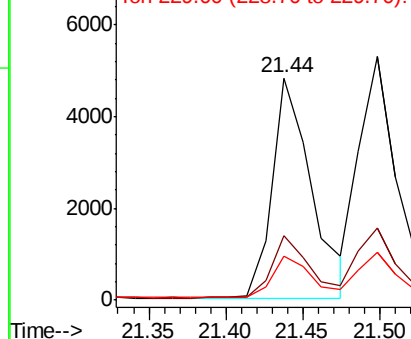
228 100

226 29.2 21.8 32.8

229 19.6 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: 0.407 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

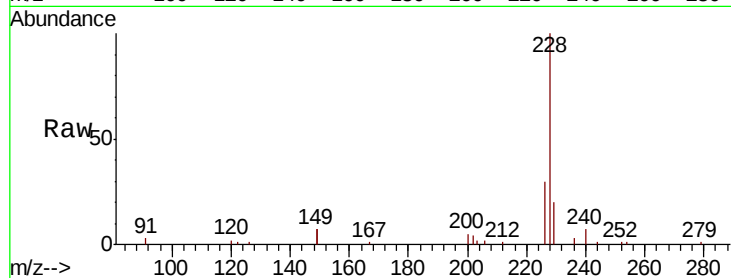
Tot Ion:228 Resp: 8987

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.0

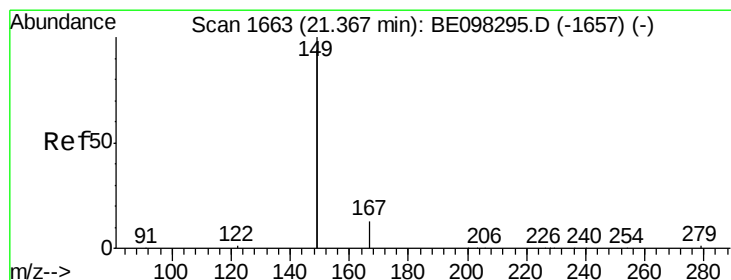
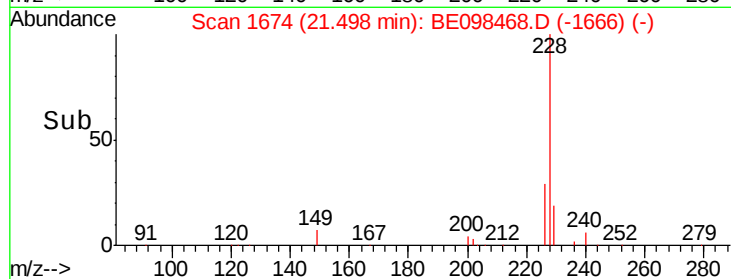
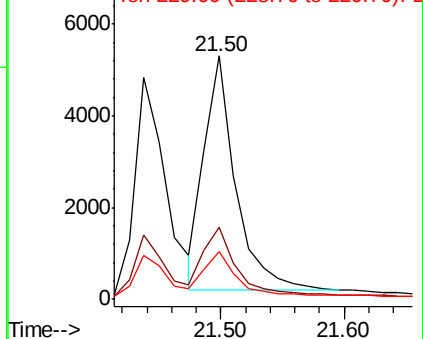
229 19.8 16.2 24.4



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: 0.388 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

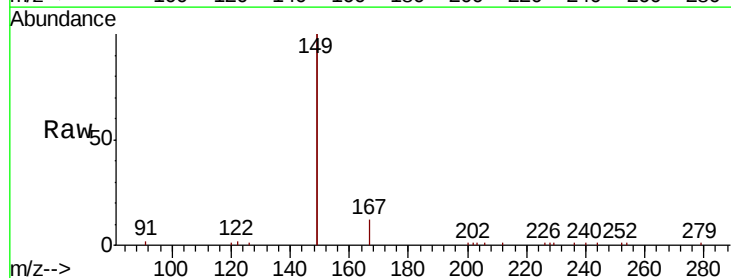
Tgt Ion:149 Resp: 16599

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

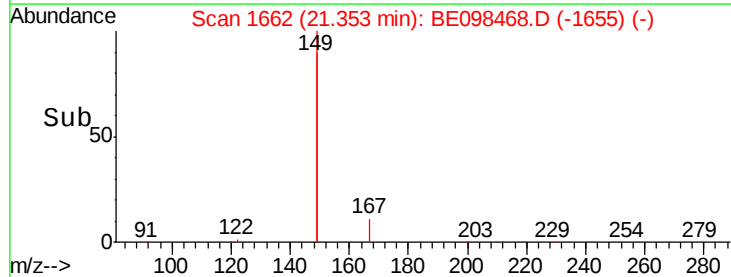
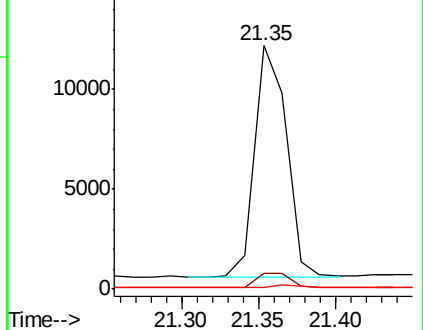
279 1.0 1.0 1.4



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

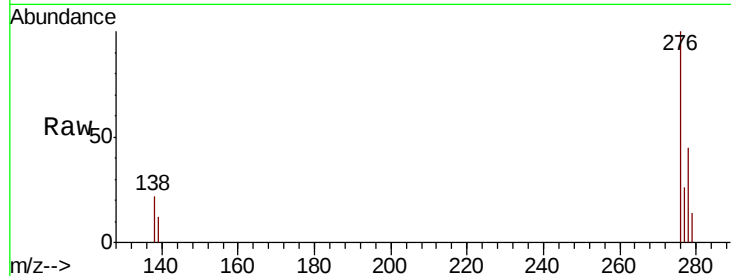




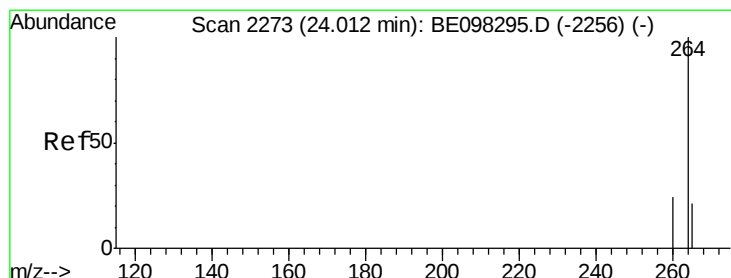
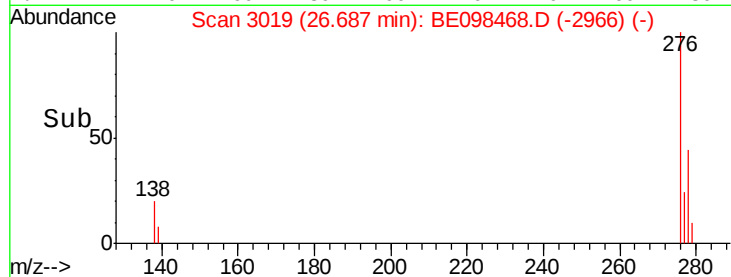
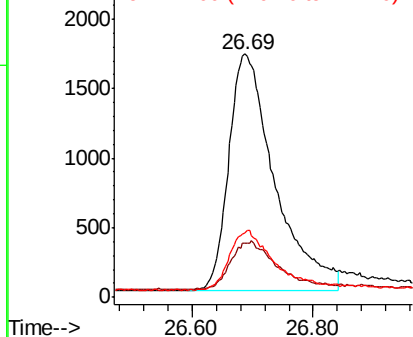
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.408 ng
 RT: 26.69 min Scan# 3019
 Delta R.T. -0.01 min
 Lab File: BE098468.D
 Acq: 15 Dec 2018 12:29

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:276 Resp: 8960
 Ion Ratio Lower Upper
 276 100
 138 20.3 16.3 24.5
 277 24.4 20.2 30.4

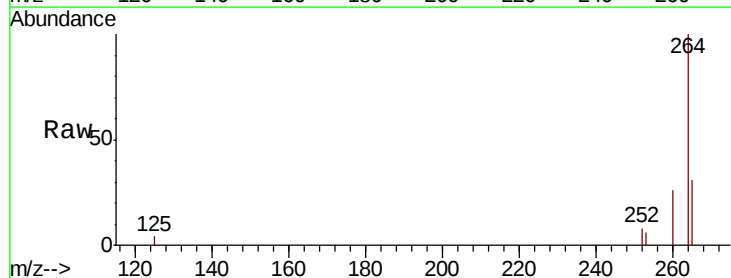


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

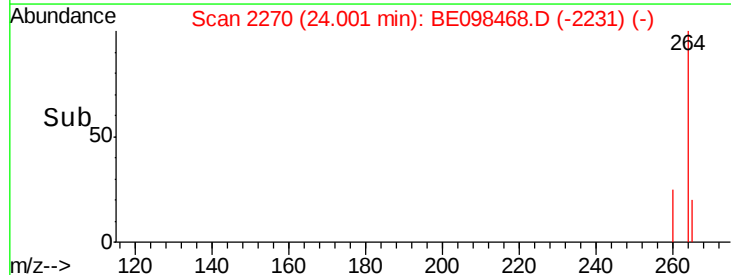
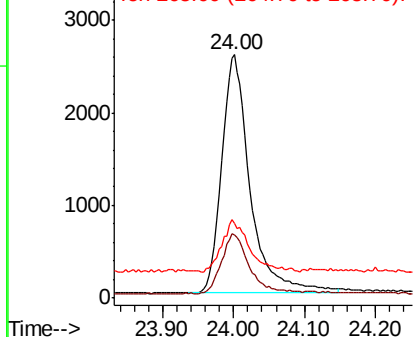


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098468.D
 Acq: 15 Dec 2018 12:29

Tgt Ion:264 Resp: 7136
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.2 30.2
 265 30.8 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: 0.404 ng

RT: 23.22 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

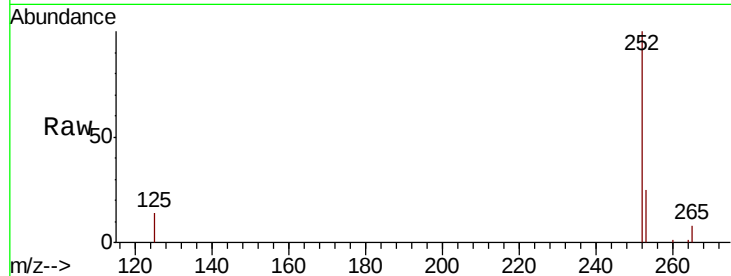
Tot Ion:252 Resp: 7879

Ion Ratio Lower Upper

252 100

253 24.6 20.0 30.0

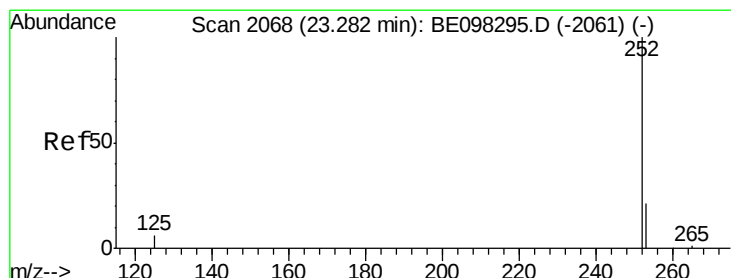
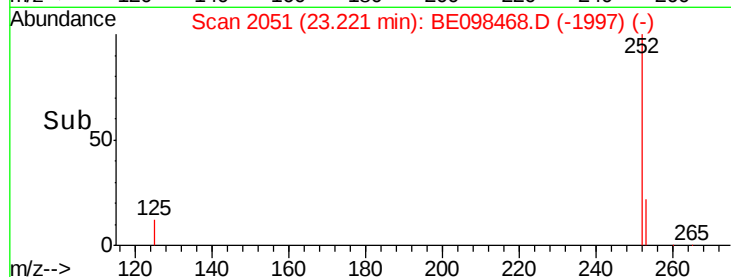
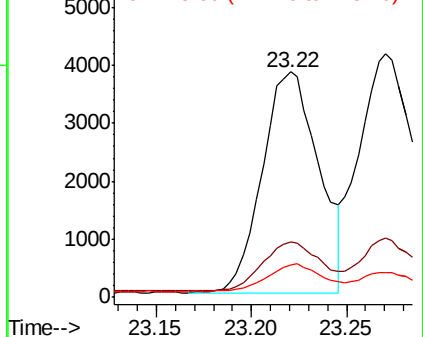
125 14.3 9.6 14.4



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: 0.429 ng

RT: 23.27 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

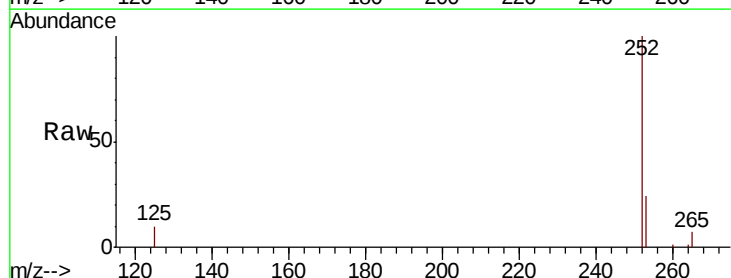
Tgt Ion:252 Resp: 9744

Ion Ratio Lower Upper

252 100

253 24.3 19.0 28.6

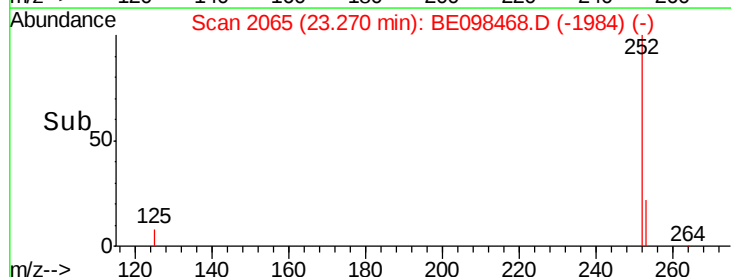
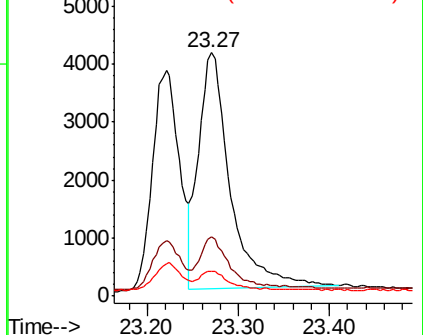
125 10.4 9.1 13.7



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: 0.396 ng

RT: 23.89 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

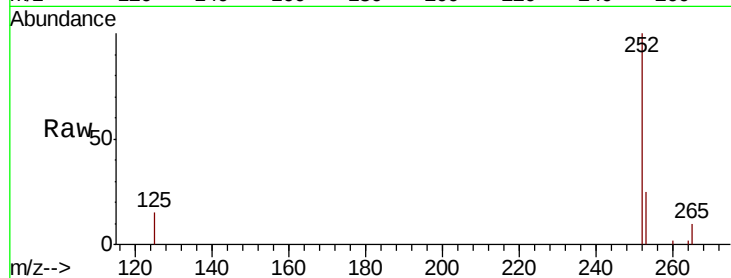
Tot Ion:252 Resp: 7974

Ion Ratio Lower Upper

252 100

253 24.8 20.6 30.8

125 14.6 10.5 15.7

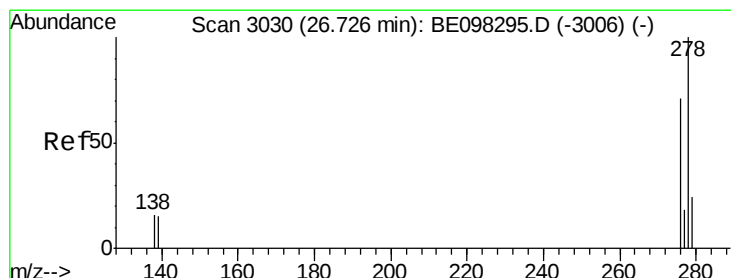
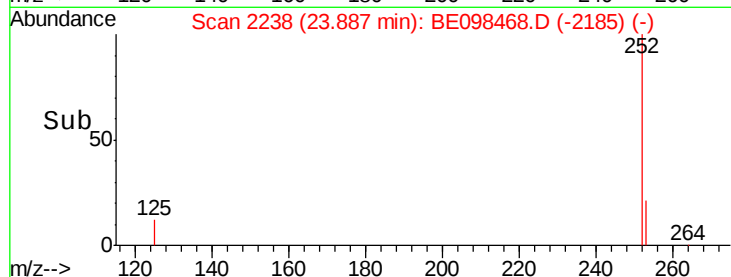
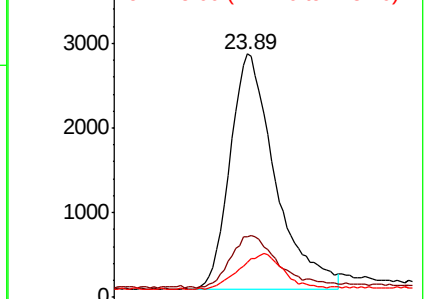


Abundance

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: 0.384 ng

RT: 26.72 min Scan# 3028

Delta R.T. -0.01 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

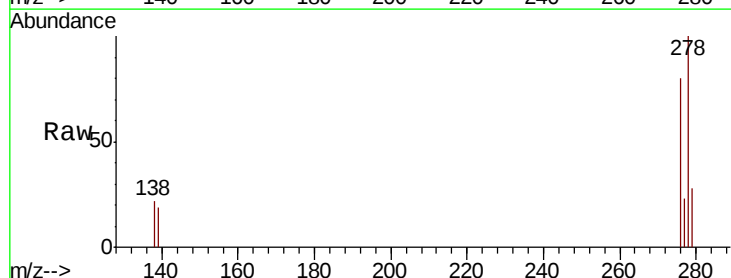
Tgt Ion:278 Resp: 7278

Ion Ratio Lower Upper

278 100

139 19.1 14.5 21.7

279 27.5 21.8 32.8

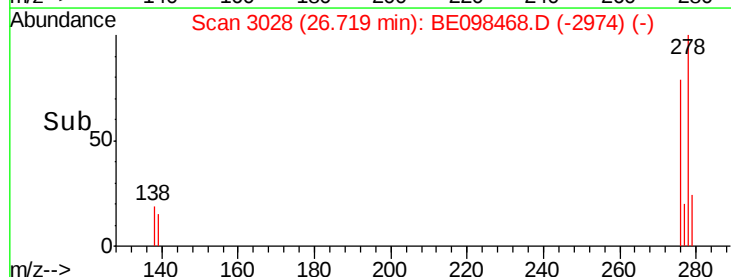
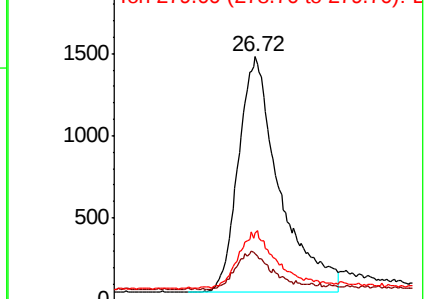


Abundance

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(a,h,i)perylene

Concen: 0.401 ng

RT: 27.51 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BE098468.D

Acq: 15 Dec 2018 12:29

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

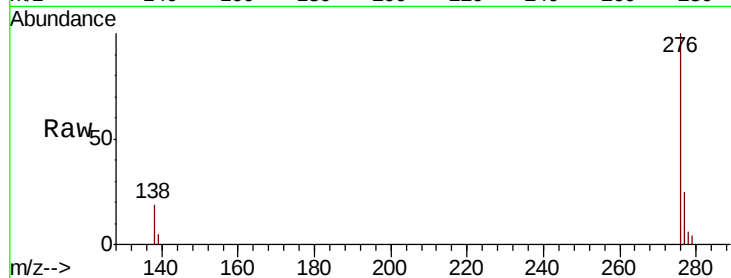
Tot Ion: 276 Resp: 7667

Ion Ratio Lower Upper

276 100

277 25.4 20.8 31.2

138 19.5 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

