

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121618\
 Data File : BE098507.D
 Acq On : 16 Dec 2018 15:09
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 17 03:25:49 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	661	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	2824	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	1898	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5566	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7457	0.40	ng	-0.01
34) Perylene-d12	24.00	264	6977	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	759	0.49	ng	0.00
5) Phenol-d6	7.05	99	985	0.45	ng	0.00
8) Nitrobenzene-d5	9.03	82	919	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	1923	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	366	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	3134	0.39	ng	0.00
25) Fluoranthene-d10	19.30	212	32449	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	6198	0.34	ng	0.00

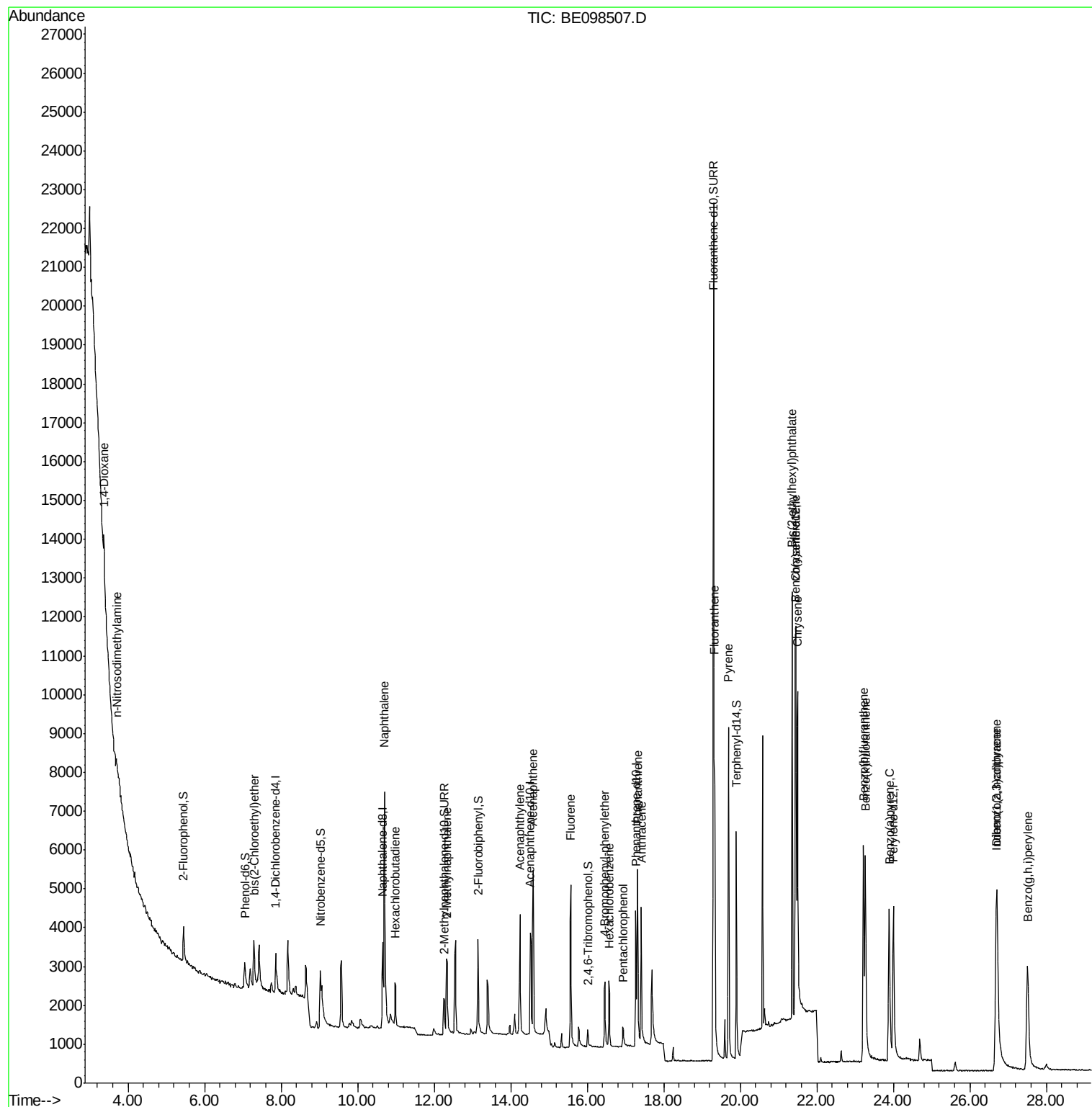
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	495	0.433	ng	# 87
3) n-Nitrosodimethylamine	3.71	42	468	0.455	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	738	0.354	ng	100
9) Naphthalene	10.71	128	11837	0.417	ng	98
10) Hexachlorobutadiene	10.98	225	882	0.487	ng	96
12) 2-Methylnaphthalene	12.34	142	1861	0.403	ng	95
16) Acenaphthylene	14.24	152	3681	0.414	ng	98
17) Acenaphthene	14.59	154	2164	0.405	ng	95
18) Fluorene	15.57	166	3059	0.428	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	1106	0.369	ng	# 80
21) Hexachlorobenzene	16.58	284	1392	0.432	ng	93
22) Pentachlorophenol	16.93	266	402	0.702	ng	97
23) Phenanthrene	17.31	178	5537	0.409	ng	100
24) Anthracene	17.41	178	4406	0.365	ng	100
26) Fluoranthene	19.33	202	8213	0.459	ng	98
28) Pyrene	19.69	202	8962	0.383	ng	99
30) Benzo(a)anthracene	21.44	228	8917	0.420	ng	100
31) Chrysene	21.50	228	8860	0.398	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	13750	0.319	ng	98
33) Indeno(1,2,3-cd)pyrene	26.69	276	9108	0.411	ng	99
35) Benzo(b)fluoranthene	23.22	252	8060	0.422	ng	97
36) Benzo(k)fluoranthene	23.27	252	9729	0.438	ng	98
37) Benzo(a)pyrene	23.89	252	8375	0.425	ng	97
38) Dibenzo(a,h)anthracene	26.71	278	7325	0.395	ng	96
39) Benzo(g,h,i)perylene	27.51	276	8088	0.433	ng	97

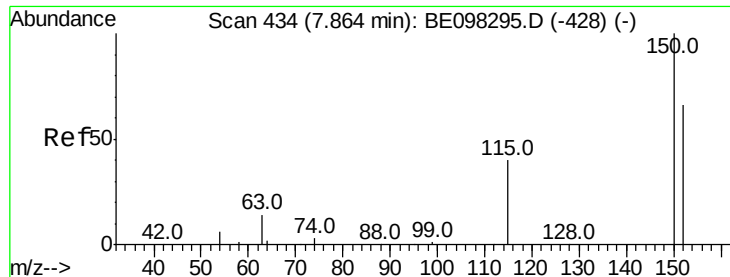
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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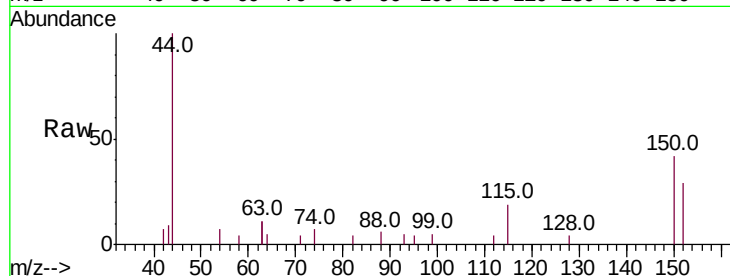


#1

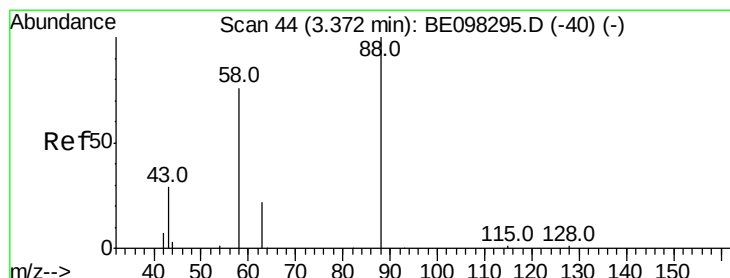
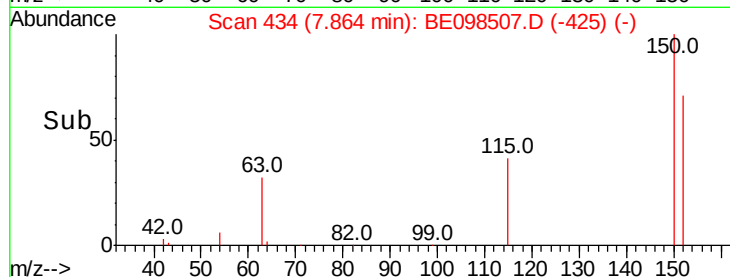
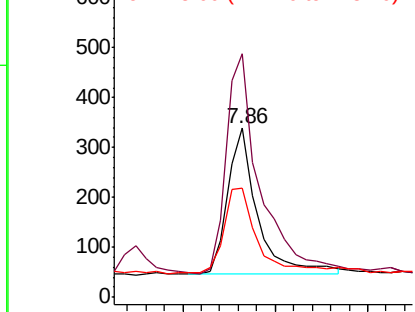
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 661
Ion Ratio Lower Upper
152 100
150 144.4 124.2 186.4
115 64.8 53.9 80.9



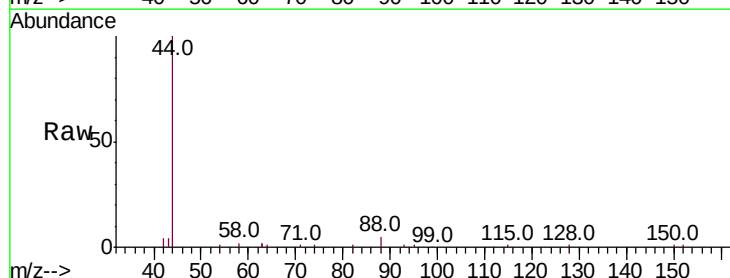
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



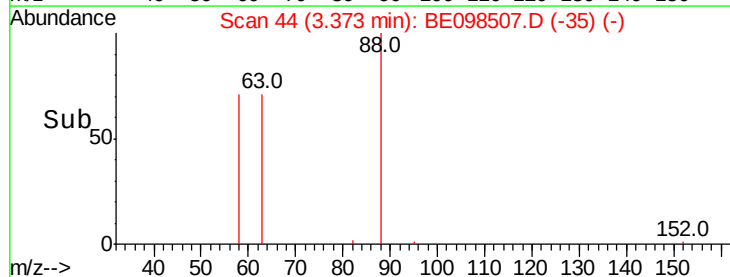
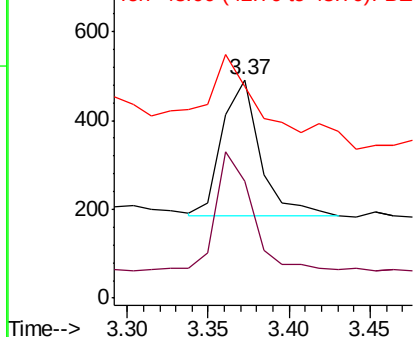
#2

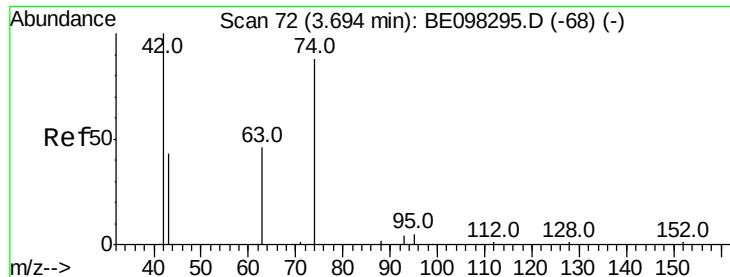
1,4-Dioxane
Concen: 0.433 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

Tgt Ion: 88 Resp: 495
Ion Ratio Lower Upper
88 100
58 85.7 75.0 112.6
43 62.6 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: 0.455 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

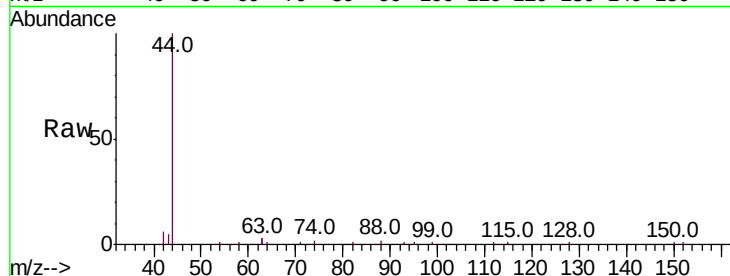
Tot Ion: 42 Resp: 468

Ion Ratio Lower Upper

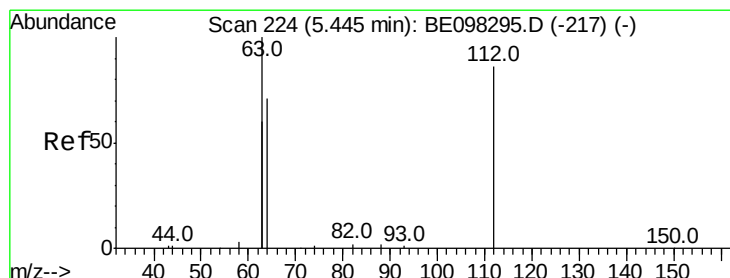
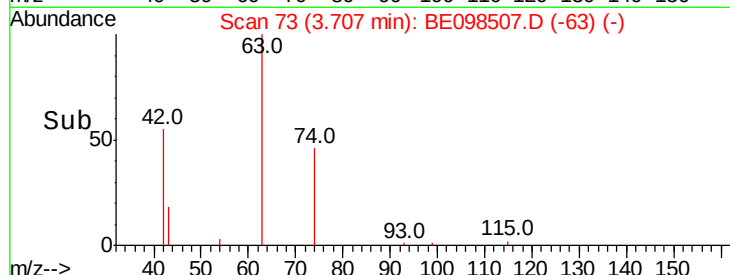
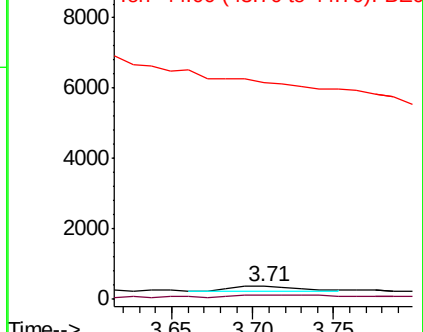
42 100

74 50.2 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



#4

2-Fluorophenol

Concen: 0.491 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

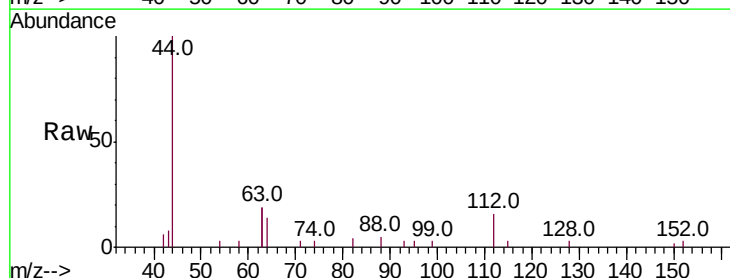
Tgt Ion: 112 Resp: 759

Ion Ratio Lower Upper

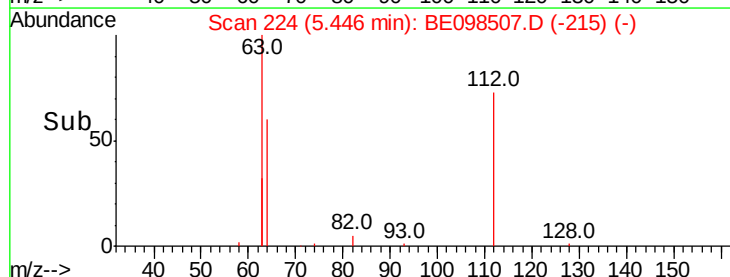
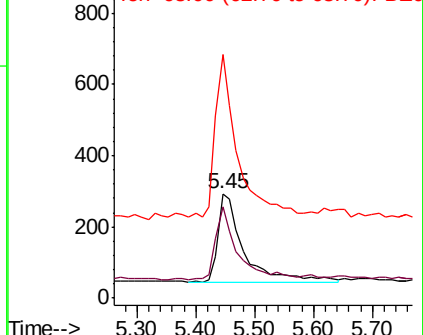
112 100

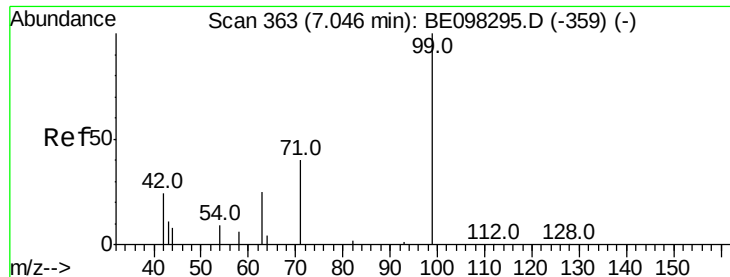
64 69.0 59.8 89.8

63 159.2 133.7 200.5



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





#5

Phenol-d6

Concen: 0.450 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

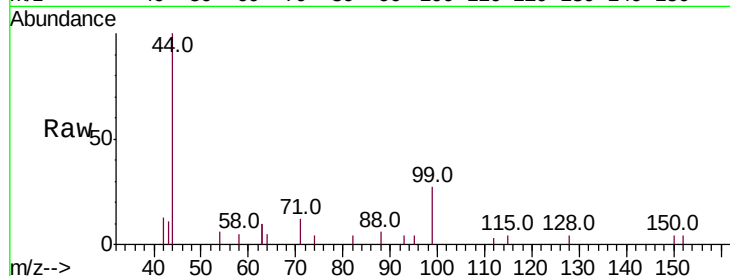
Tot Ion: 99 Resp: 985

Ion Ratio Lower Upper

99 100

42 32.5 26.3 39.5

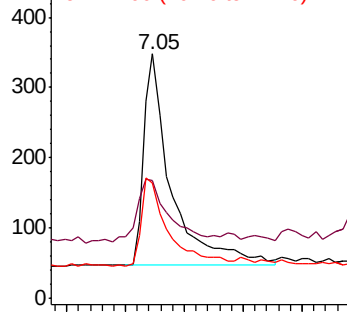
71 41.2 33.6 50.4



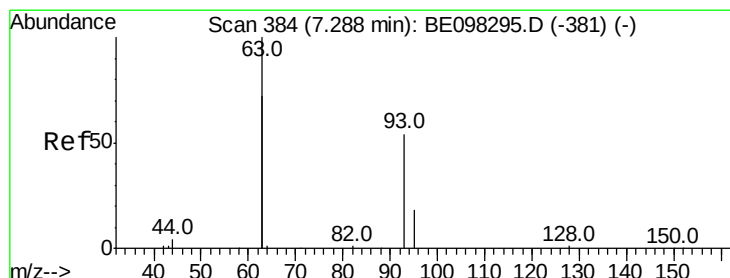
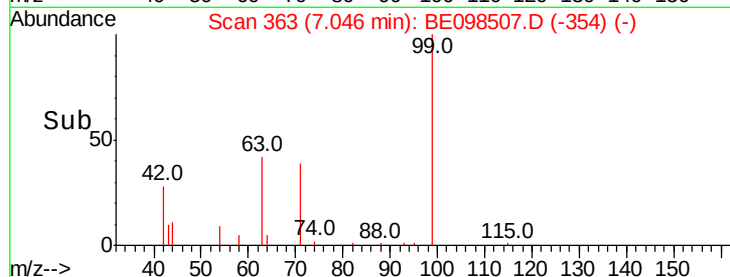
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.90 7.00 7.10 7.20 7.30



#6

bis(2-Chloroethyl)ether

Concen: 0.354 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

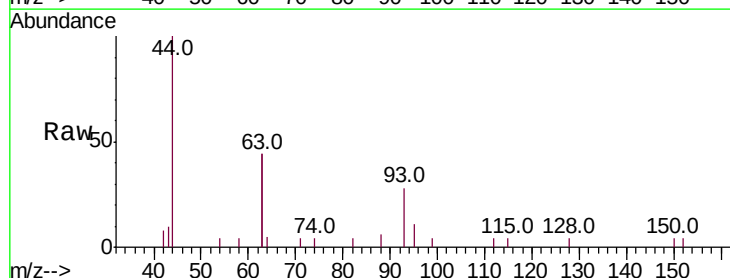
Tgt Ion: 93 Resp: 738

Ion Ratio Lower Upper

93 100

63 330.4 264.4 396.6

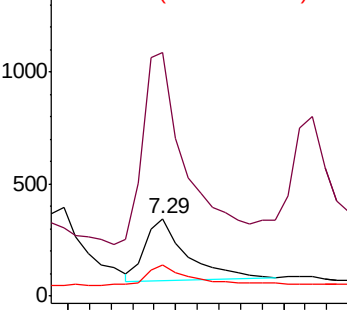
95 34.3 26.6 40.0



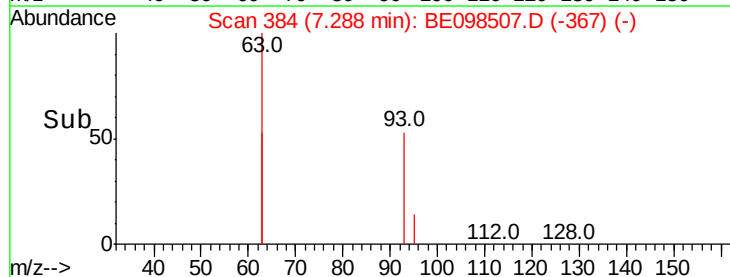
Abundance Ion 93.00 (92.70 to 93.70): BE0

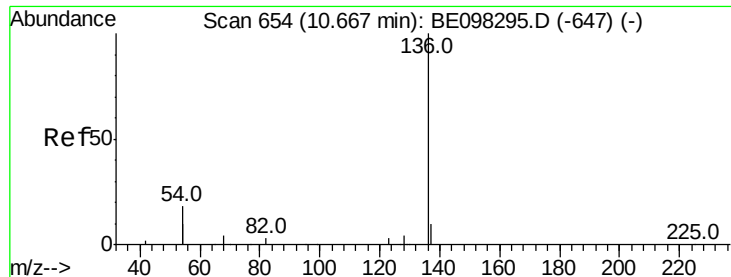
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.20 7.30 7.40





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 2824

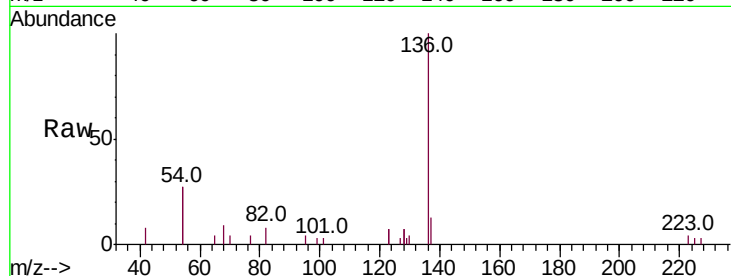
Ion Ratio Lower Upper

136 100

137 13.3 9.2 13.8

54 54.1 28.4 42.6#

68 9.0 5.4 8.0#

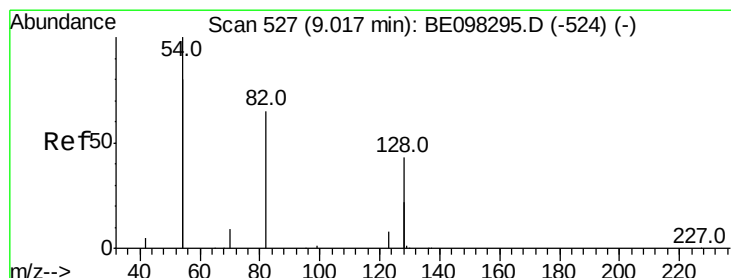
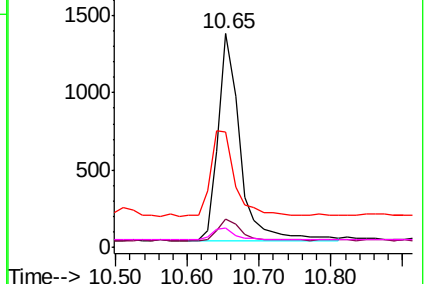
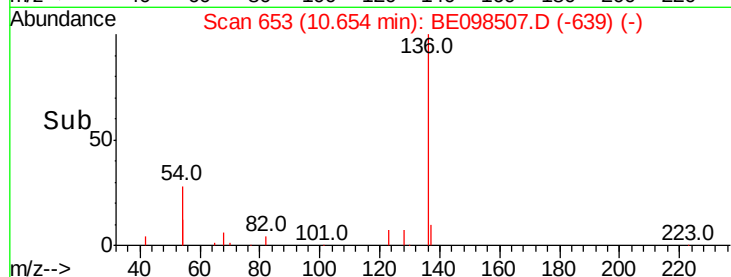


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.358 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

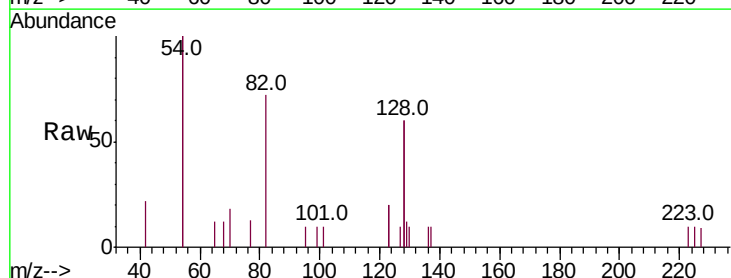
Tgt Ion: 82 Resp: 919

Ion Ratio Lower Upper

82 100

128 168.4 102.4 153.6#

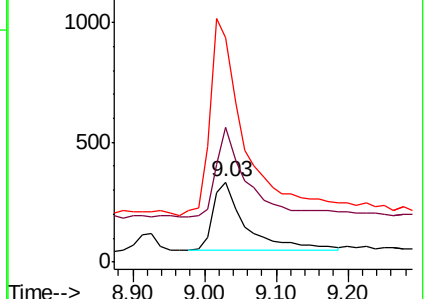
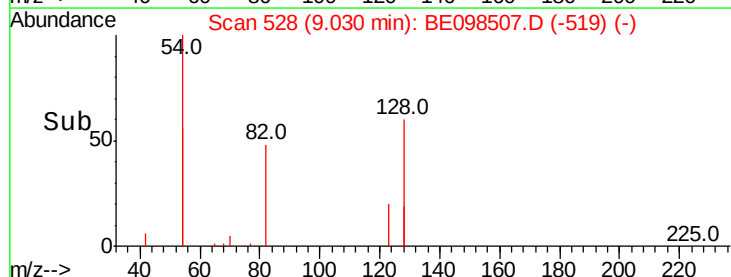
54 279.4 221.8 332.8

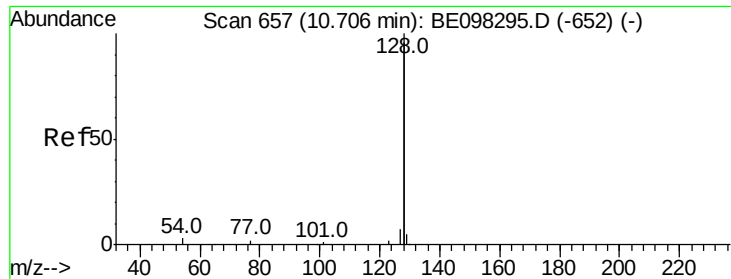


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.417 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

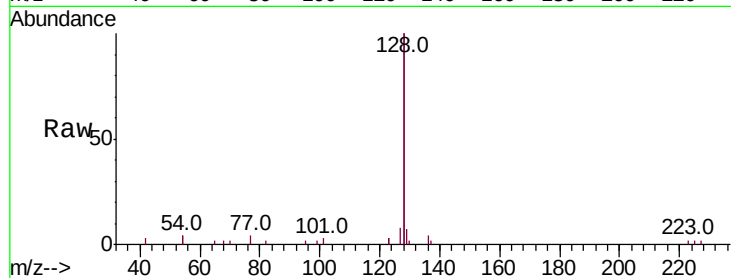
Tot Ion:128 Resp: 11837

Ion Ratio Lower Upper

128 100

129 3.6 2.5 3.7

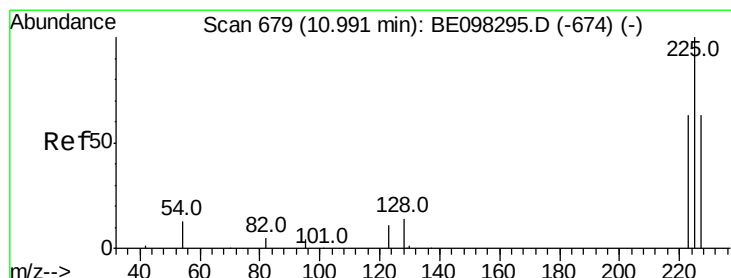
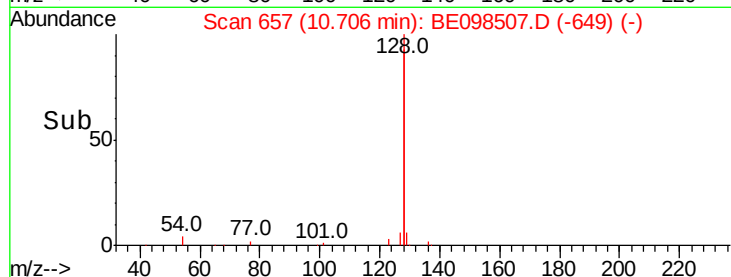
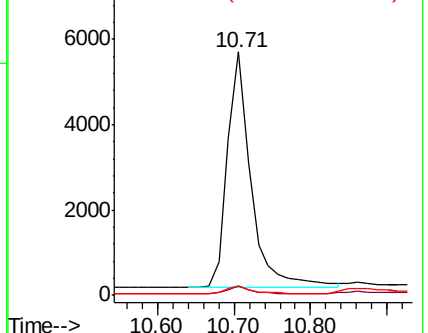
127 3.9 2.7 4.1



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: 0.487 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

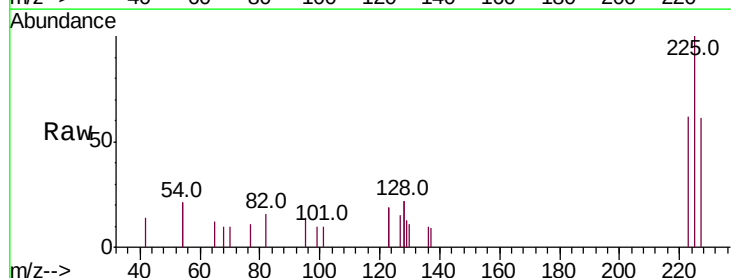
Tgt Ion:225 Resp: 882

Ion Ratio Lower Upper

225 100

223 59.4 49.4 74.0

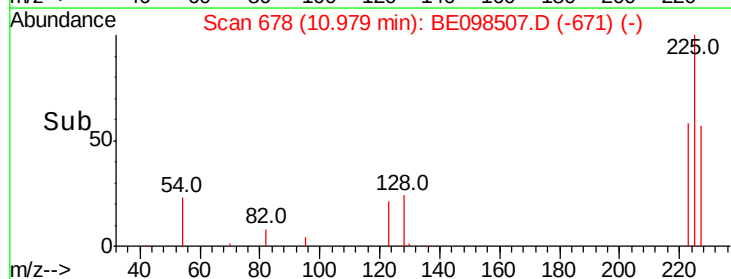
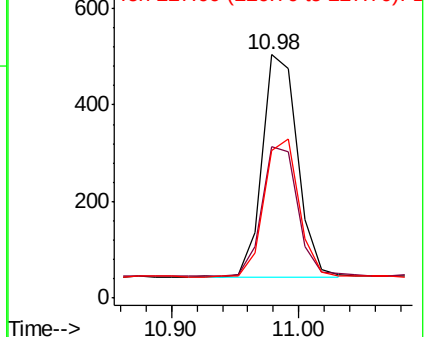
227 61.1 52.0 78.0

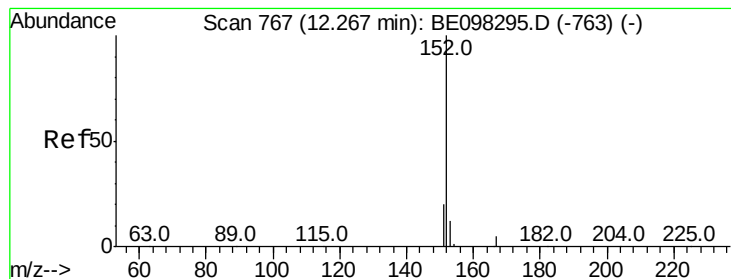


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

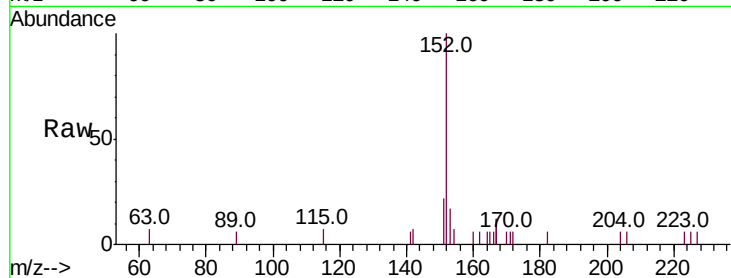
SSTDCCC0.4EC

Tot Ion:152 Resp: 1923

Ion Ratio Lower Upper

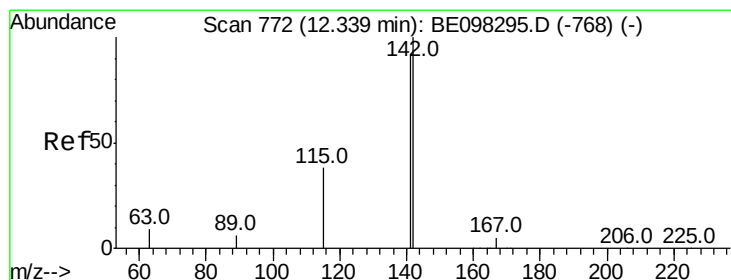
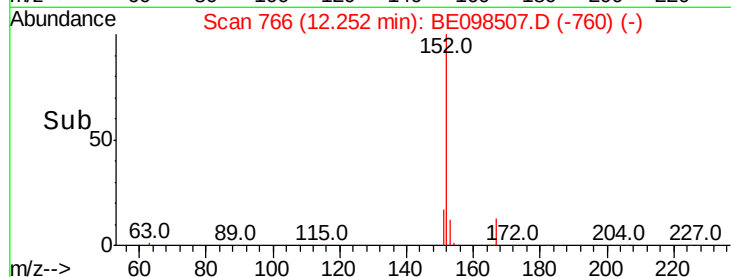
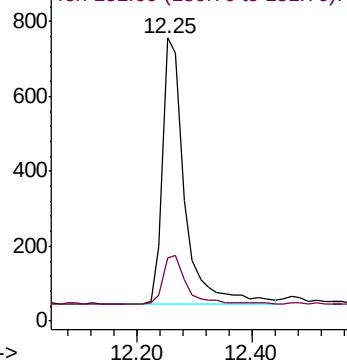
152 100

151 19.2 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: 0.403 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

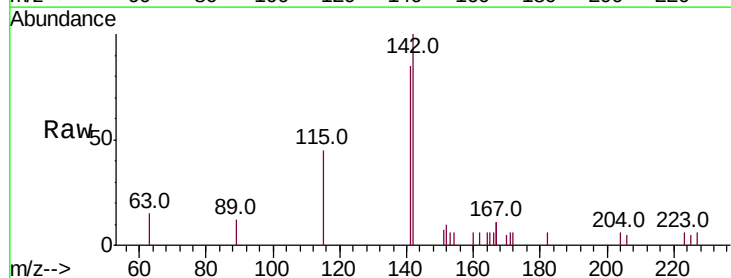
Tgt Ion:142 Resp: 1861

Ion Ratio Lower Upper

142 100

141 85.3 71.0 106.6

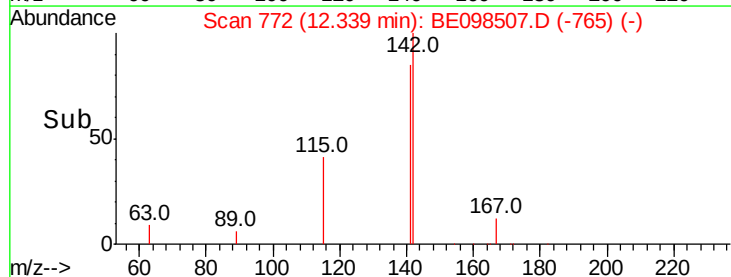
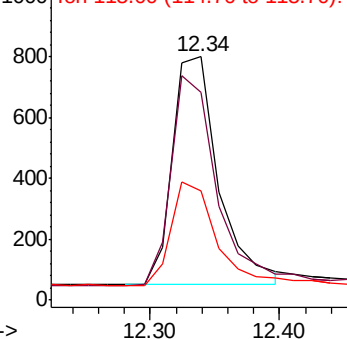
115 44.7 32.2 48.2

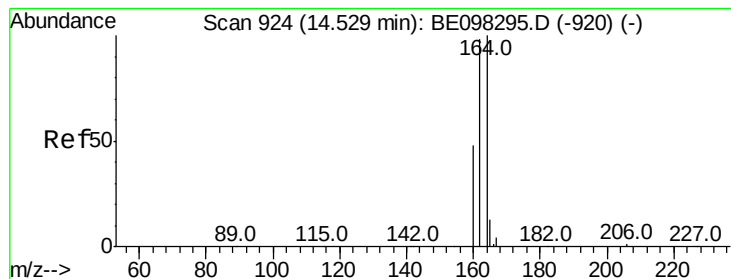


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

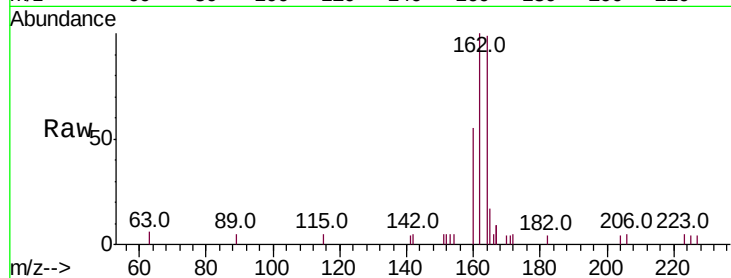
Tot Ion:164 Resp: 1898

Ion Ratio Lower Upper

164 100

162 101.1 77.6 116.4

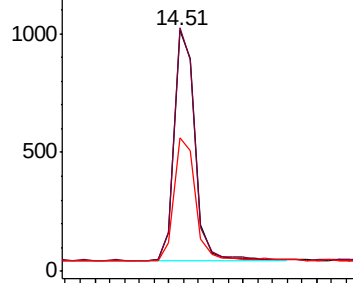
160 55.4 36.0 54.0#



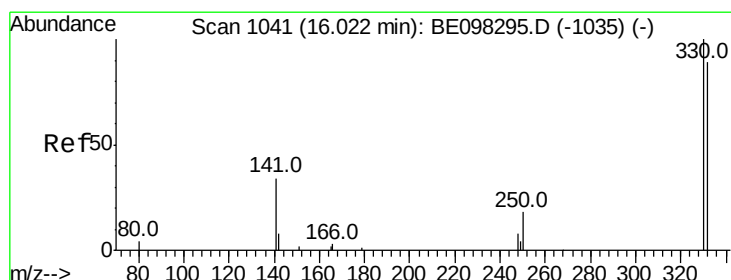
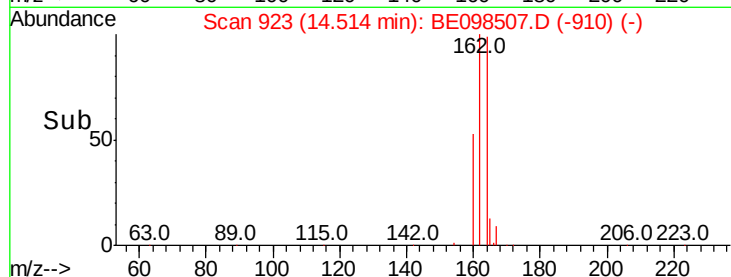
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.525 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

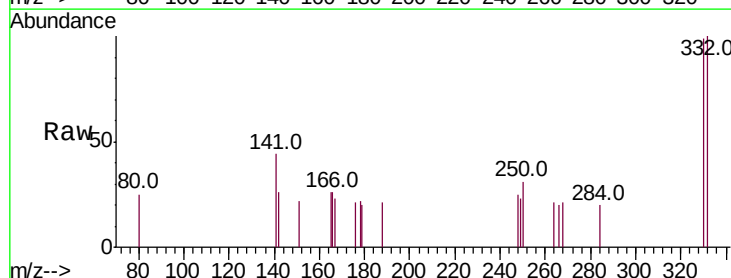
Tgt Ion:330 Resp: 366

Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

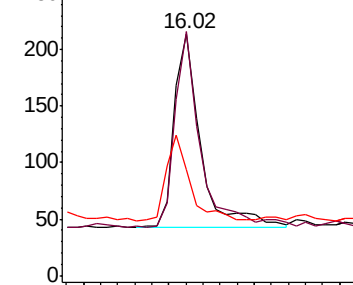
141 41.8 39.0 58.4



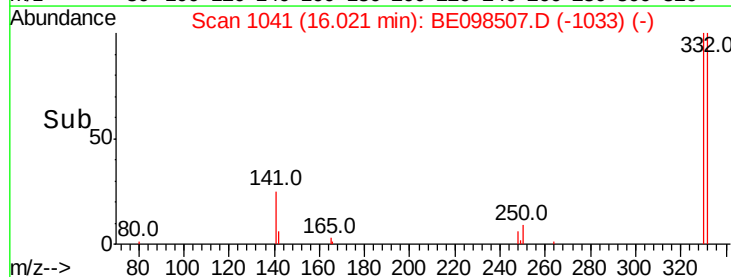
Abundance Ion 330.00 (329.70 to 330.70): E

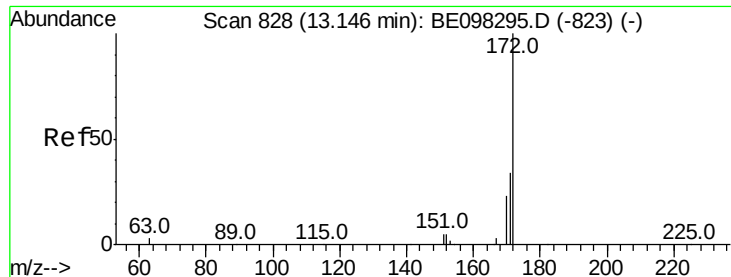
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

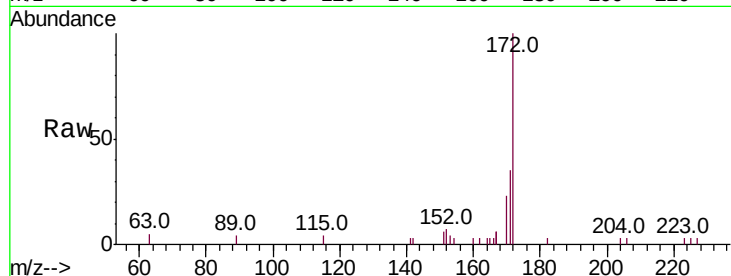




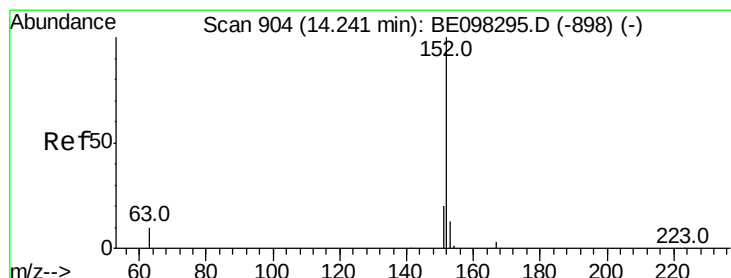
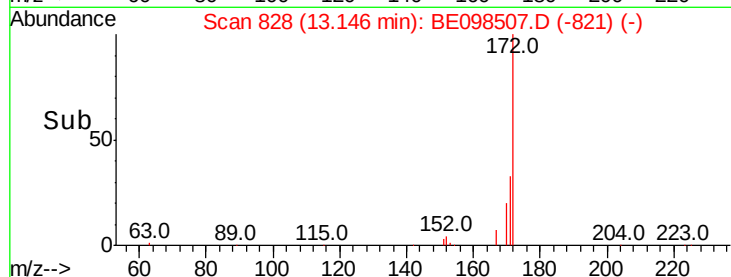
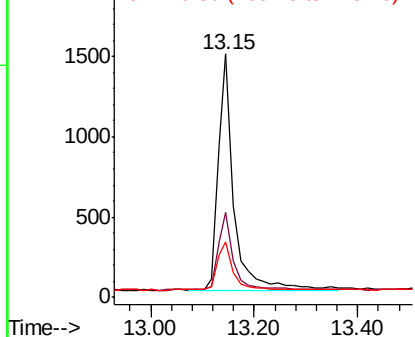
#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 3134
Ion Ratio Lower Upper
172 100
171 34.9 27.5 41.3
170 23.0 19.6 29.4

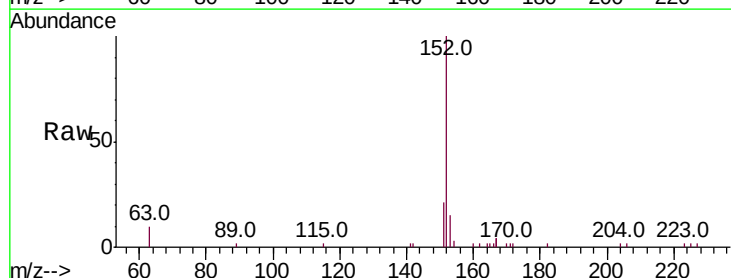


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

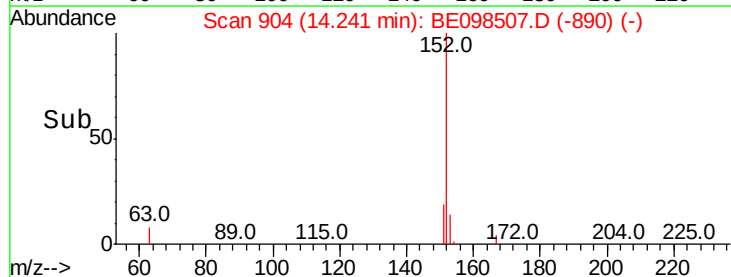
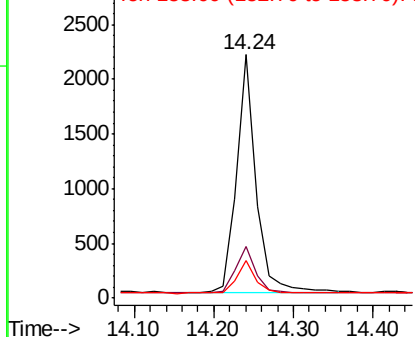


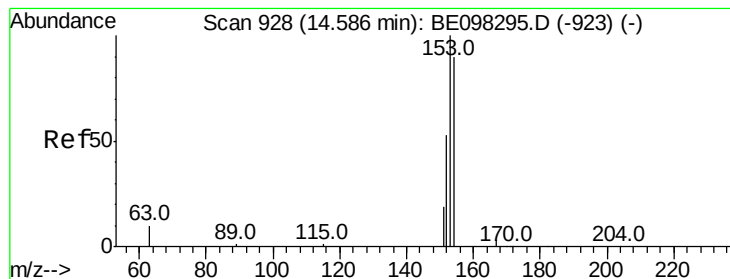
#16
Acenaphthylene
Concen: 0.414 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

Tgt Ion:152 Resp: 3681
Ion Ratio Lower Upper
152 100
151 20.4 15.5 23.3
153 14.2 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: 0.405 ng

RT: 14.59 min Scan# 928

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

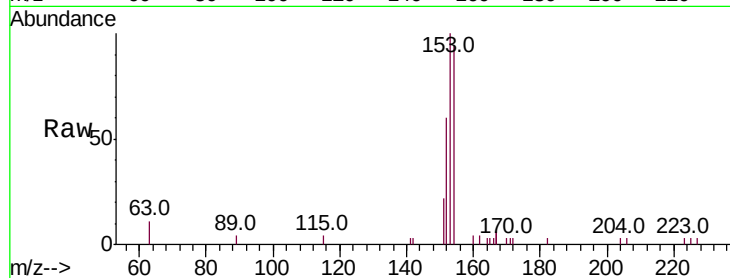
Tot Ion:154 Resp: 2164

Ion Ratio Lower Upper

154 100

153 113.0 91.8 137.6

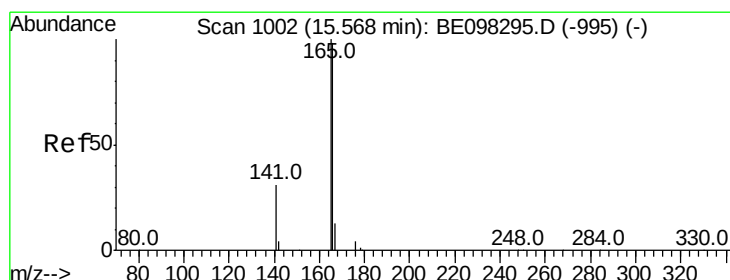
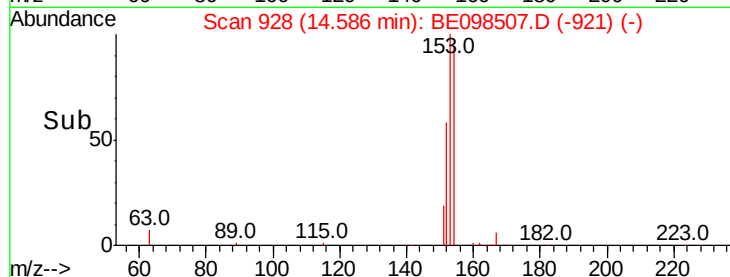
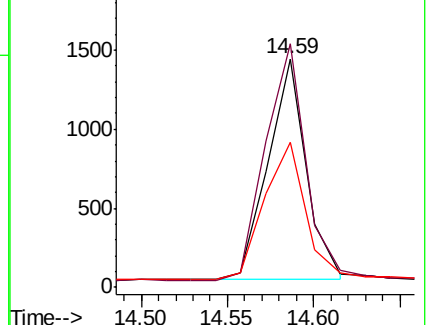
152 66.4 45.5 68.3



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: 0.428 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

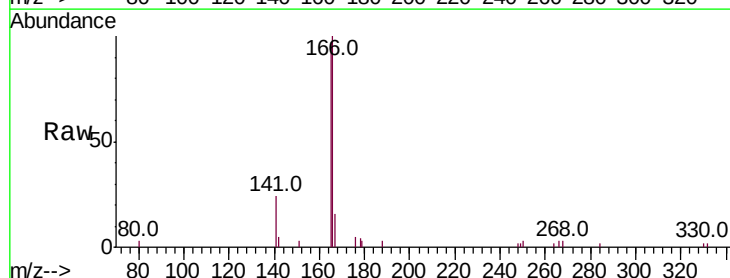
Tgt Ion:166 Resp: 3059

Ion Ratio Lower Upper

166 100

165 101.2 79.3 118.9

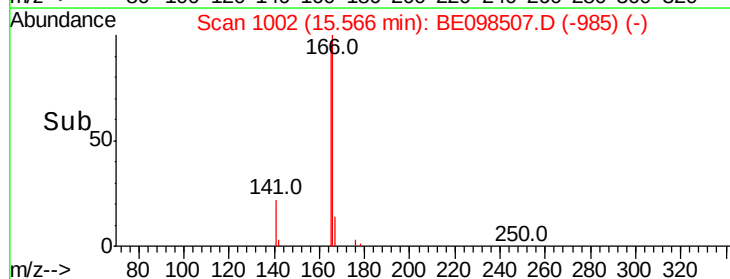
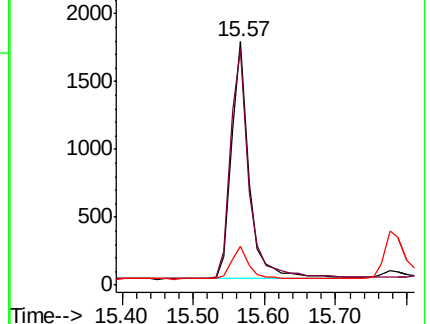
167 13.9 11.3 16.9

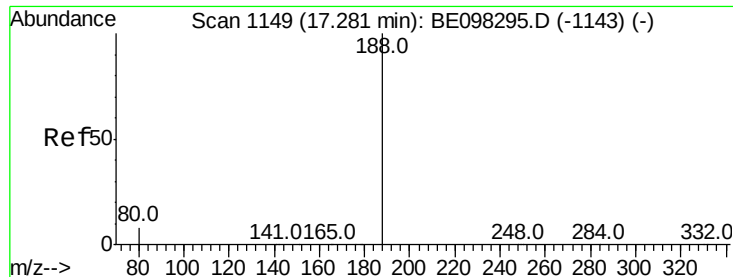


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

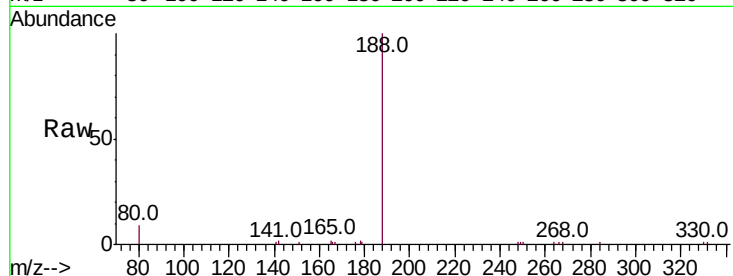
Tot Ion:188 Resp: 5566

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

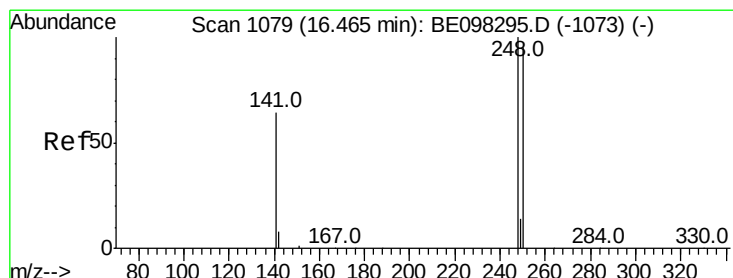
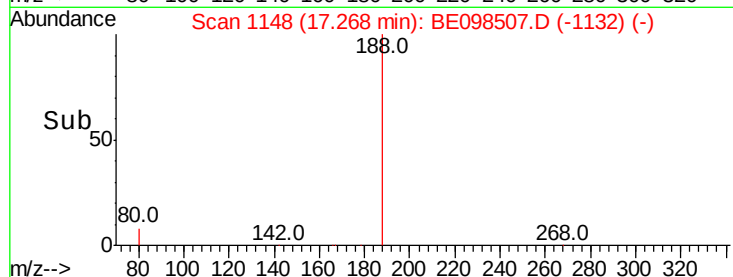
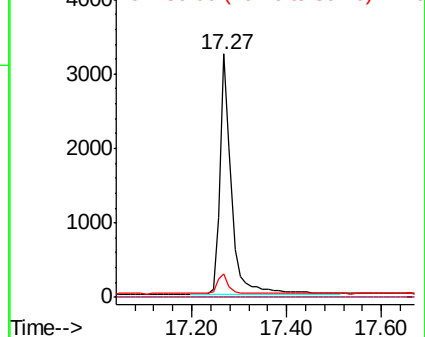
80 9.4 7.2 10.8



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: 0.369 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

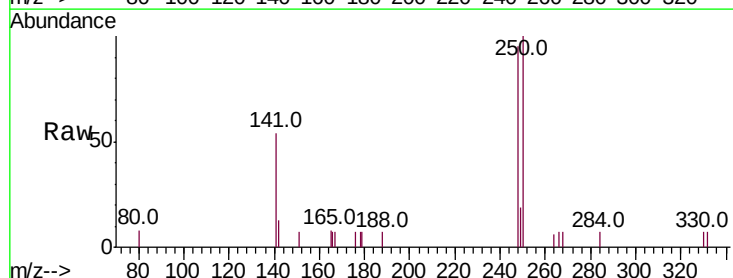
Tgt Ion:248 Resp: 1106

Ion Ratio Lower Upper

248 100

250 105.6 71.0 106.6

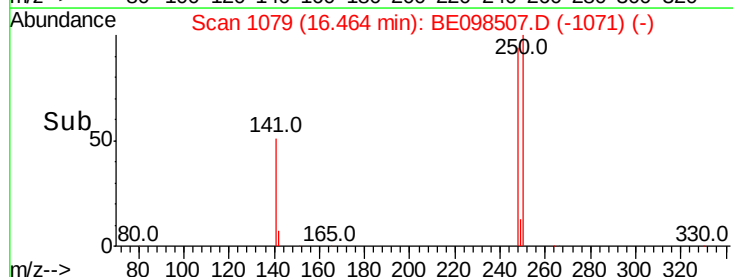
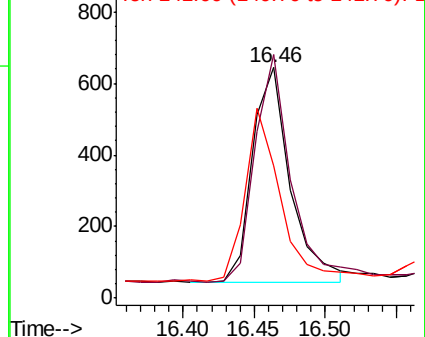
141 57.5 62.1 93.1#

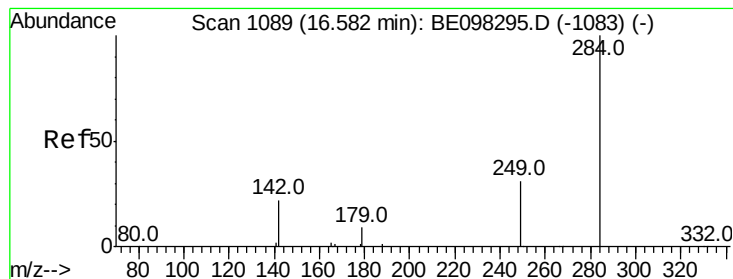


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.432 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

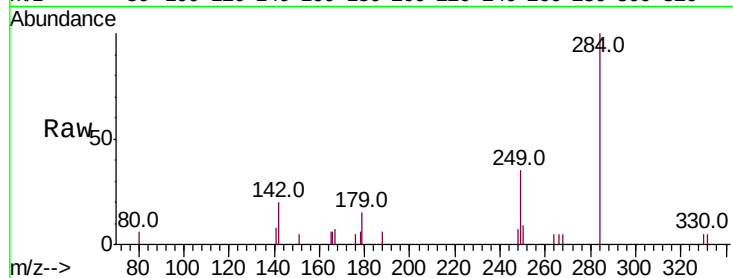
Tot Ion:284 Resp: 1392

Ion Ratio Lower Upper

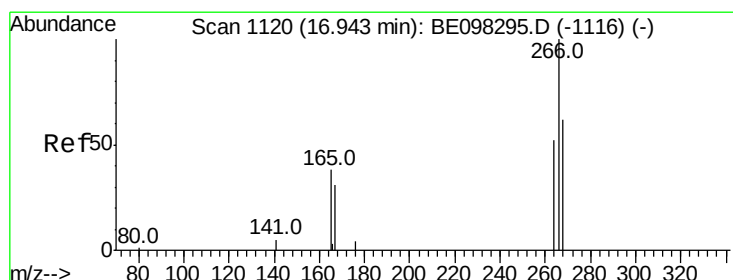
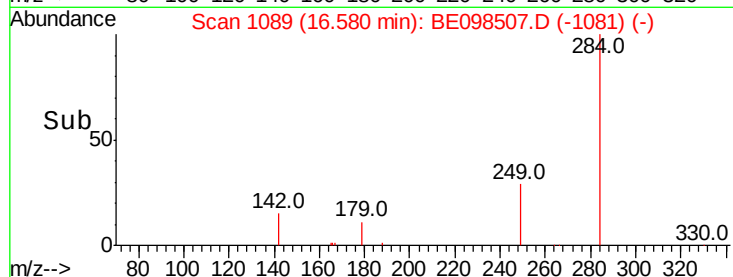
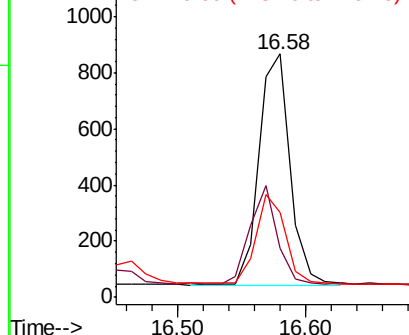
284 100

142 37.4 26.3 39.5

249 36.2 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: 0.702 ng

RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

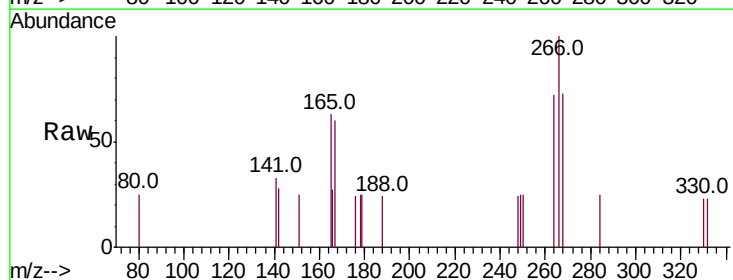
Tgt Ion:266 Resp: 402

Ion Ratio Lower Upper

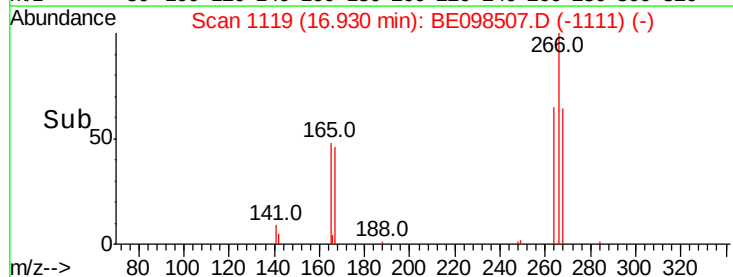
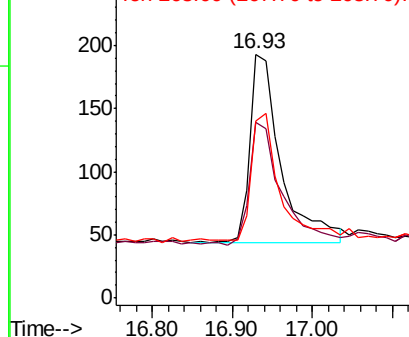
266 100

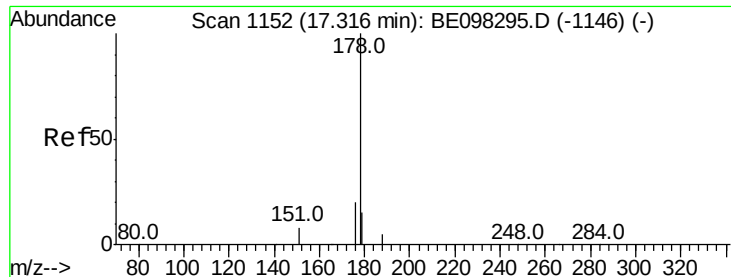
264 72.0 59.0 88.4

268 72.5 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: 0.409 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

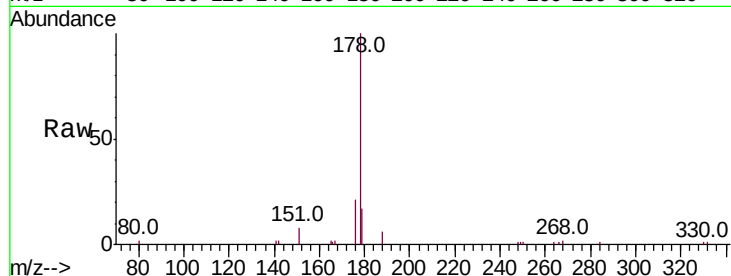
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 5537

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.5	12.3	18.5

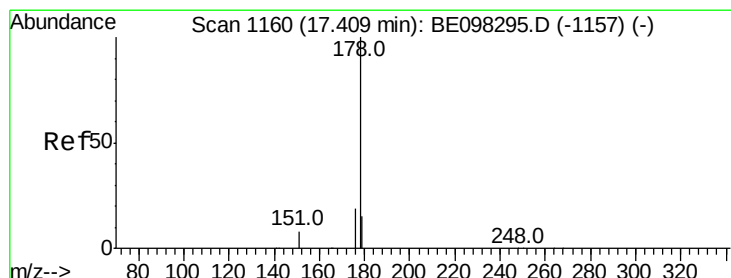
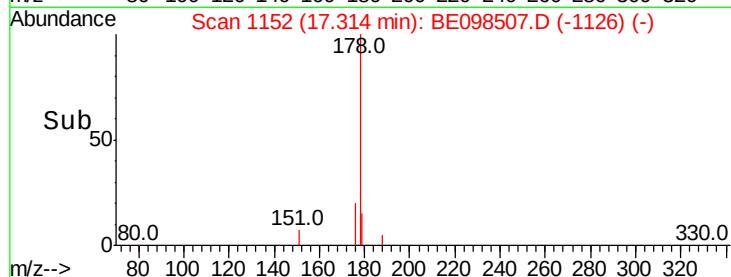
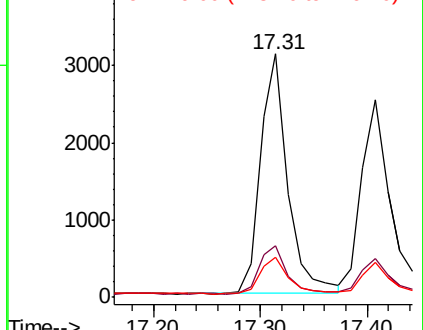


Abundance

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: 0.365 ng

RT: 17.41 min Scan# 1160

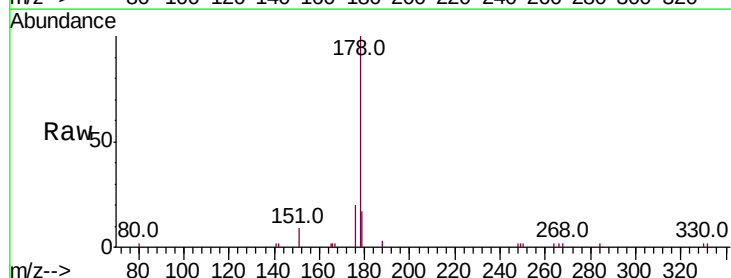
Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Tgt Ion:178 Resp: 4406

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.3	18.5

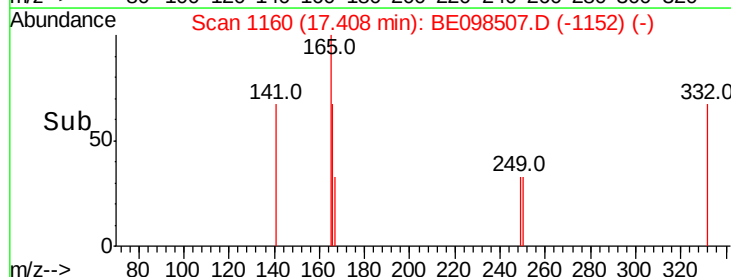
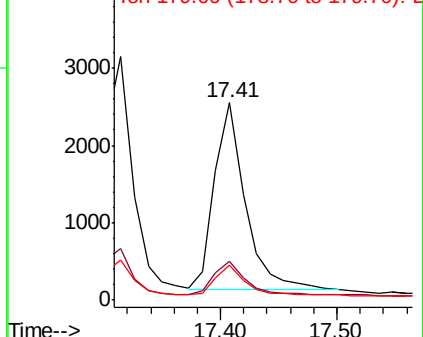


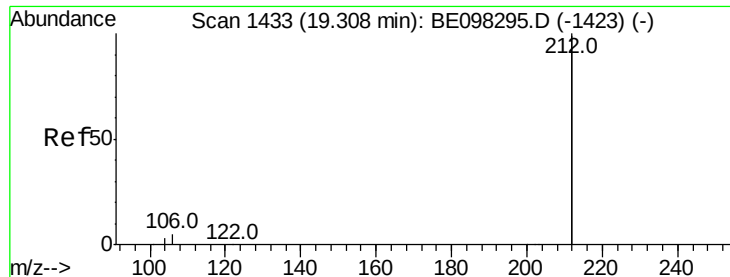
Abundance

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

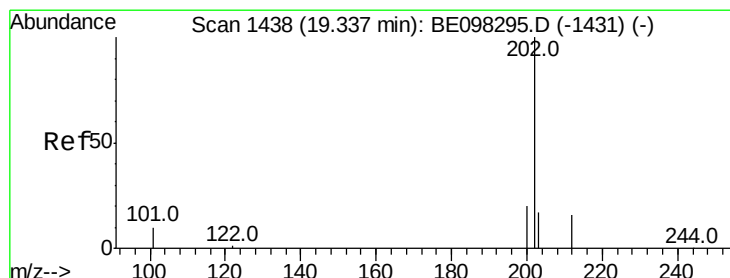
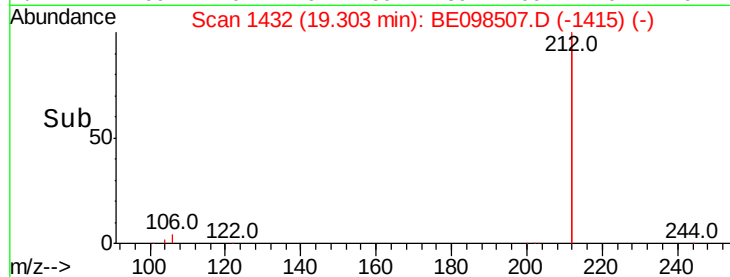
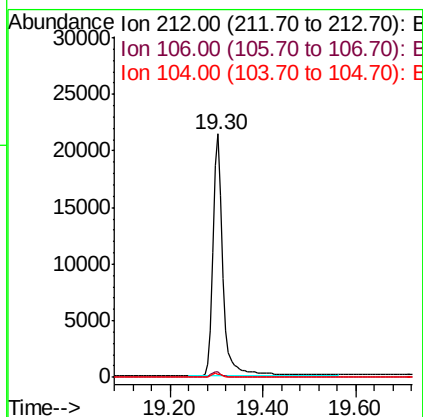
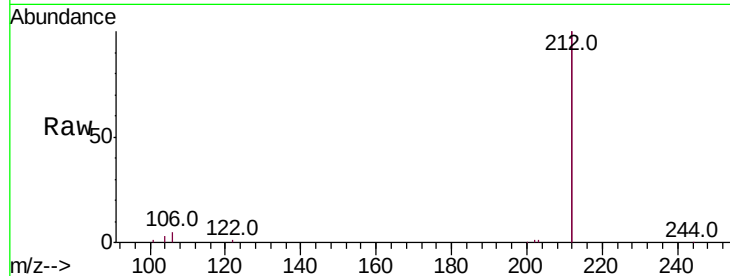




#25
Fluoranthene-d10
Concen: 0.454 ng
RT: 19.30 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

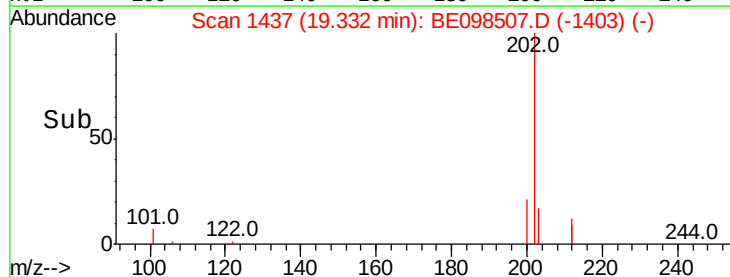
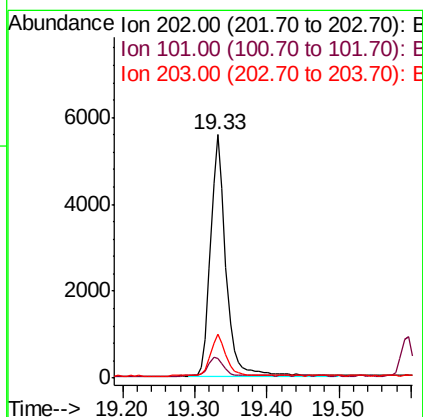
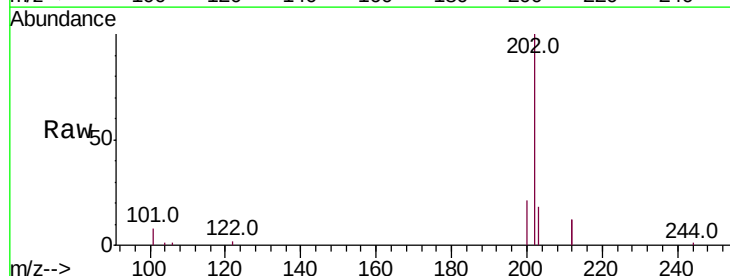
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

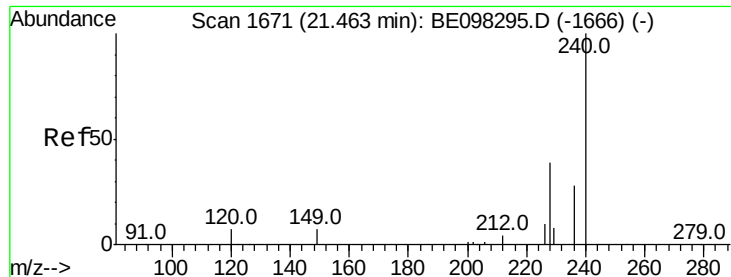
Tot Ion:212 Resp: 32449
Ion Ratio Lower Upper
212 100
106 2.3 2.2 3.2
104 1.3 1.3 1.9



#26
Fluoranthene
Concen: 0.459 ng
RT: 19.33 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

Tgt Ion:202 Resp: 8213
Ion Ratio Lower Upper
202 100
101 8.1 8.0 12.0
203 16.8 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

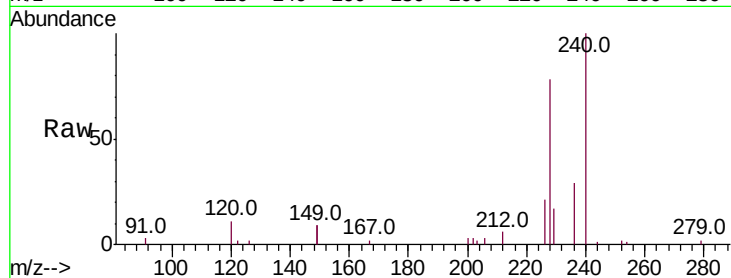
Tot Ion:240 Resp: 7457

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

236 29.1 22.7 34.1

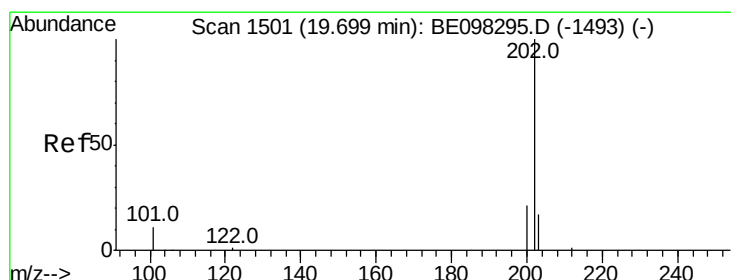
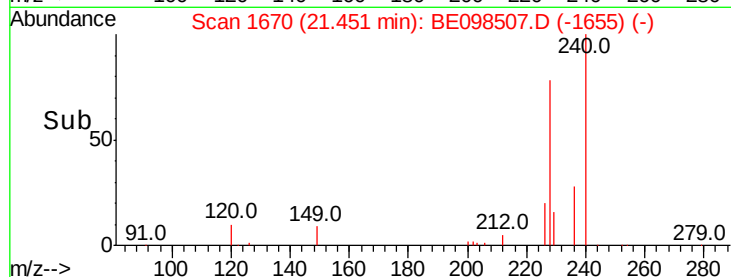
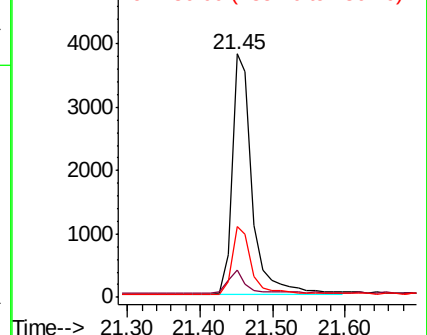


Abundance

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: 0.383 ng

RT: 19.69 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

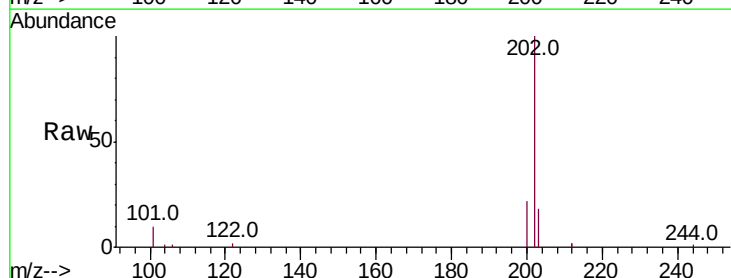
Tgt Ion:202 Resp: 8962

Ion Ratio Lower Upper

202 100

200 21.8 16.7 25.1

203 17.8 14.1 21.1

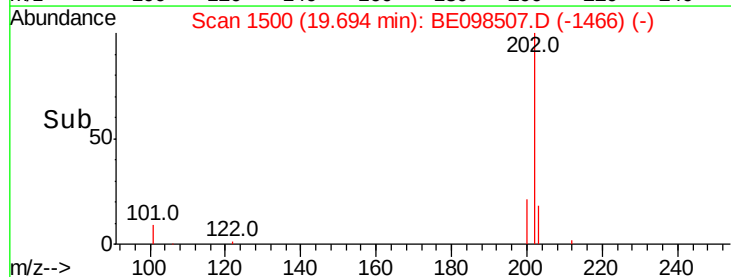
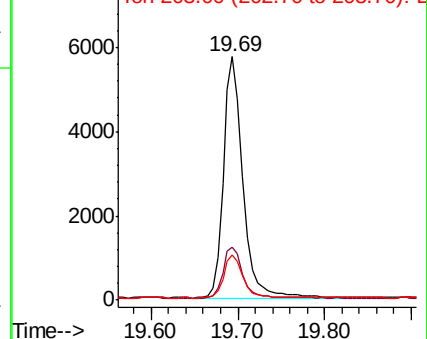


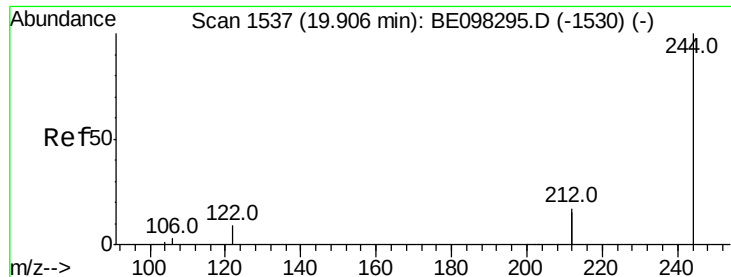
Abundance

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: 0.342 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

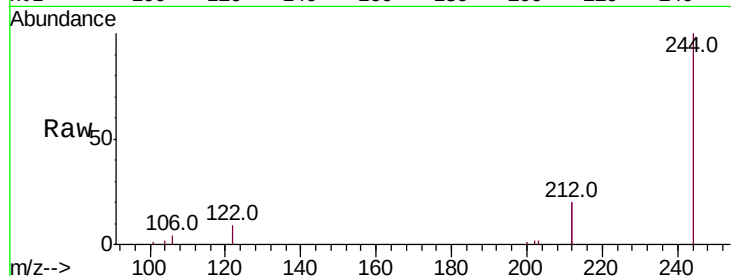
Tot Ion:244 Resp: 6198

Ion Ratio Lower Upper

244 100

212 39.3 27.4 41.0

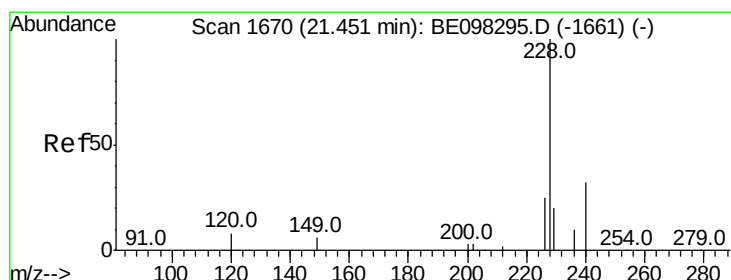
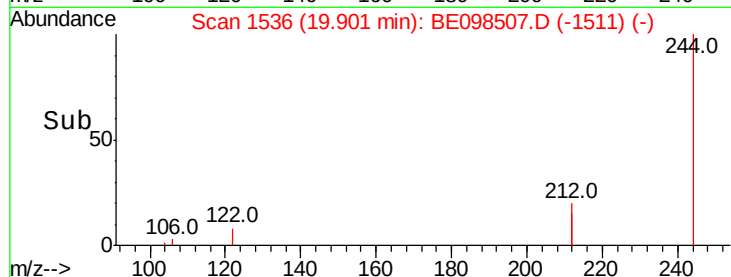
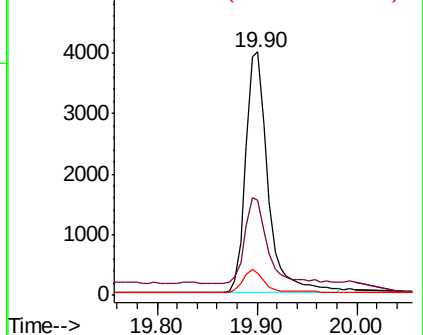
122 8.9 8.3 12.5



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: 0.420 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

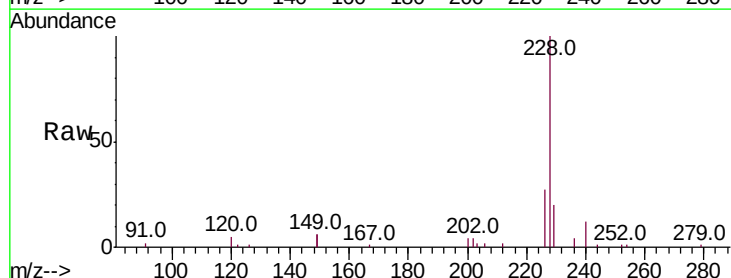
Tgt Ion:228 Resp: 8917

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

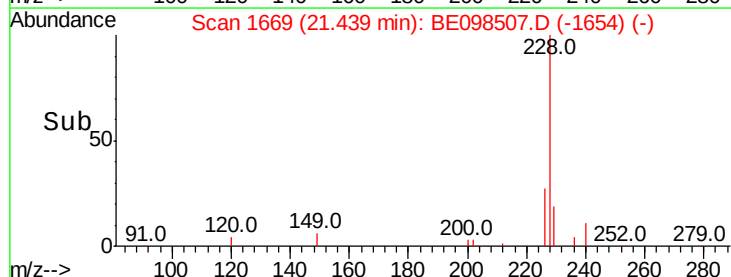
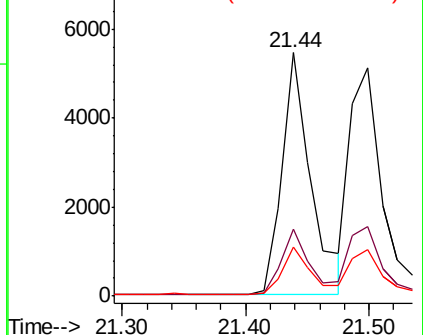
229 19.9 16.3 24.5

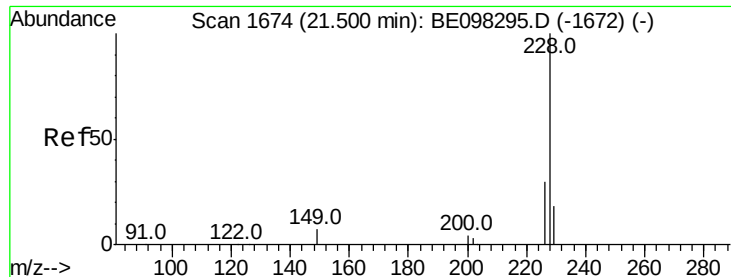


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.398 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

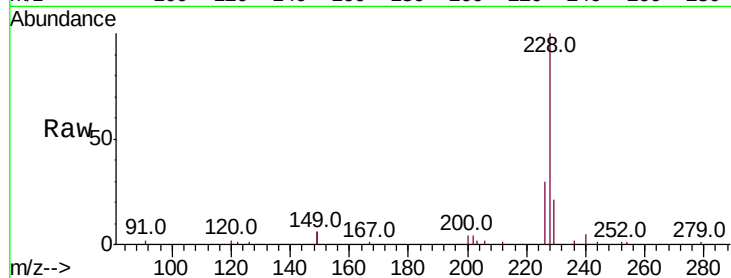
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 8860

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	20.6	16.2	24.4

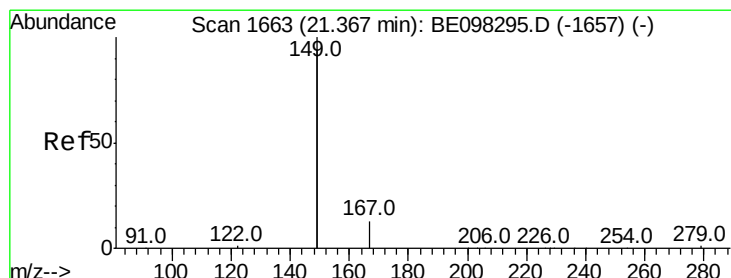
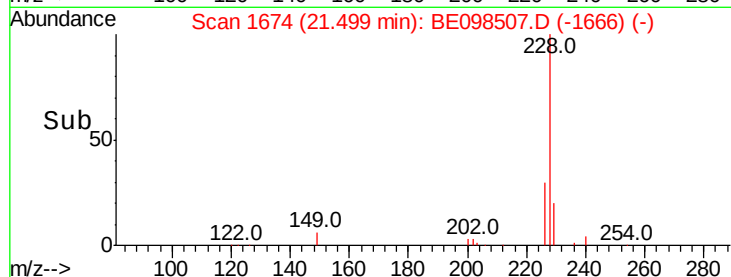
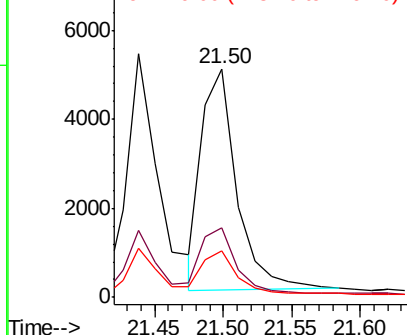


Abundance

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: 0.319 ng

RT: 21.35 min Scan# 1662

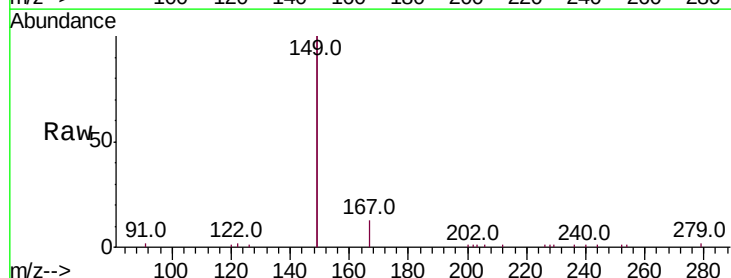
Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Tgt Ion:149 Resp: 13750

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.7	8.5
279	1.1	1.0	1.4

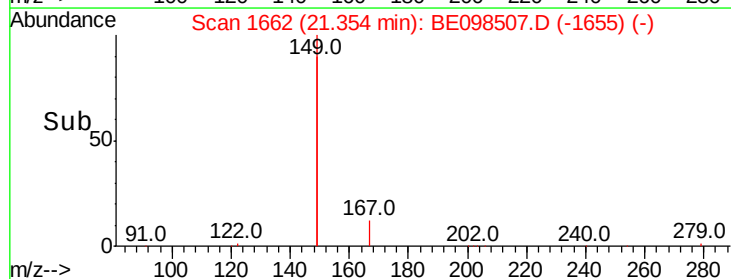
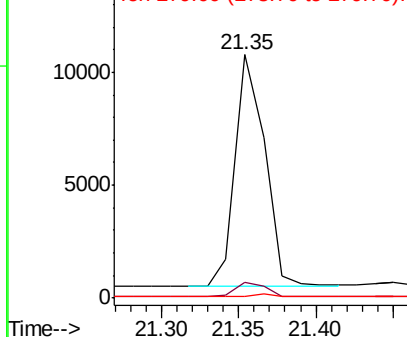


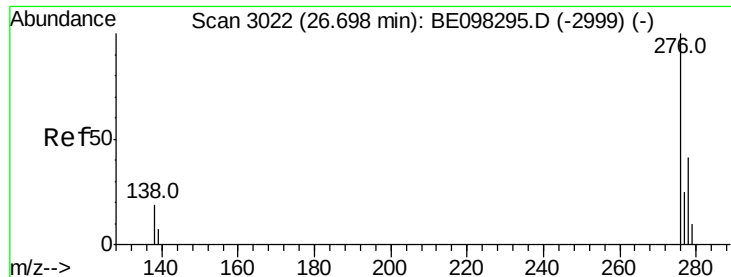
Abundance

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: 0.411 ng

RT: 26.69 min Scan# 3019

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

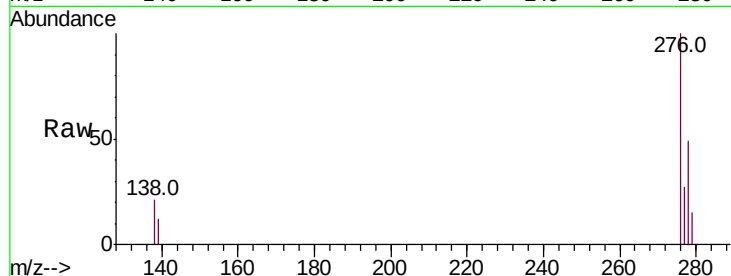
Tot Ion:276 Resp: 9108

Ion Ratio Lower Upper

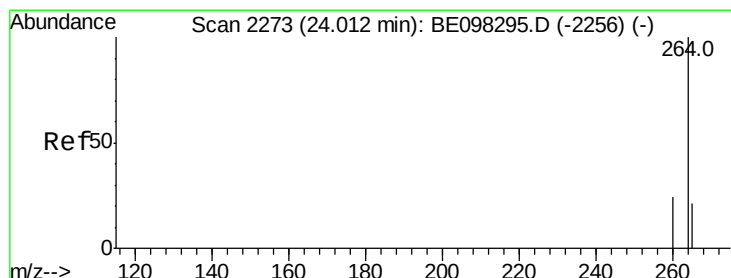
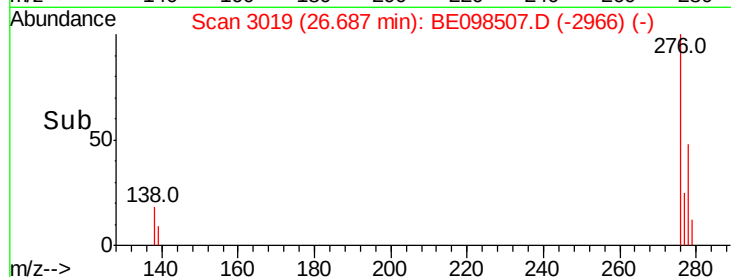
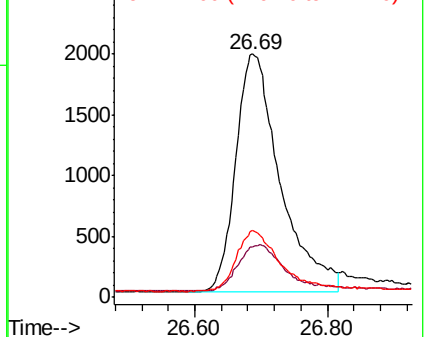
276 100

138 20.5 16.3 24.5

277 25.8 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# 2270

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

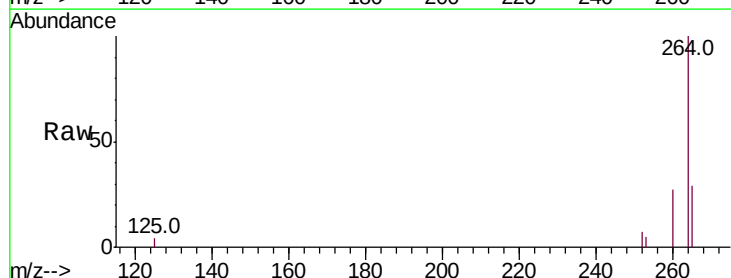
Tgt Ion:264 Resp: 6977

Ion Ratio Lower Upper

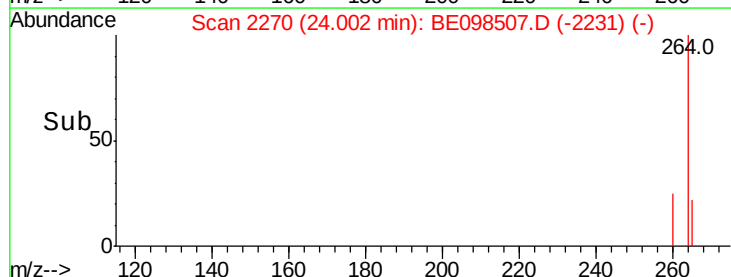
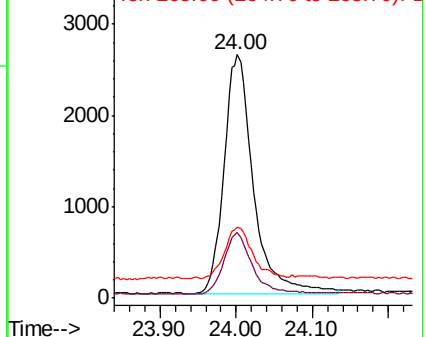
264 100

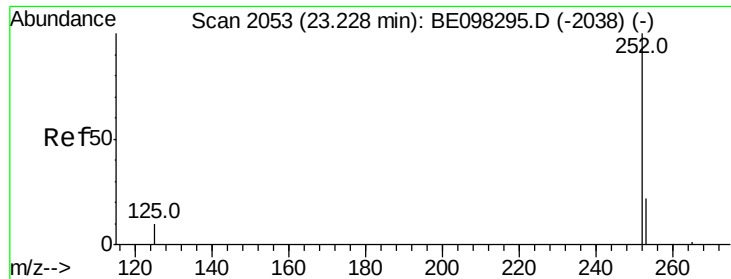
260 26.7 20.2 30.2

265 28.9 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

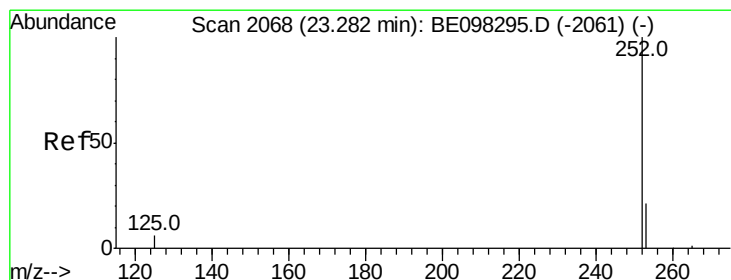
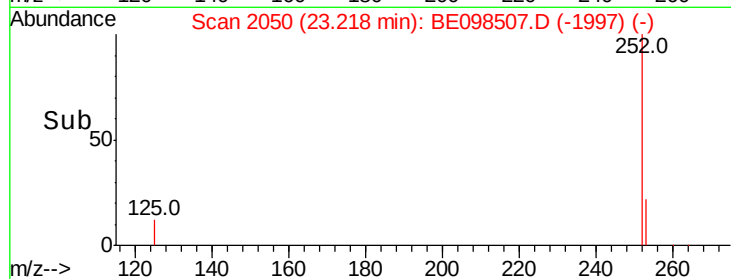
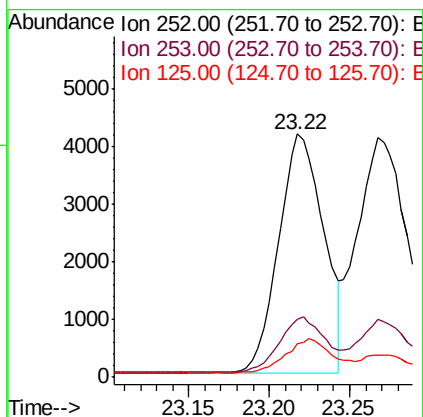
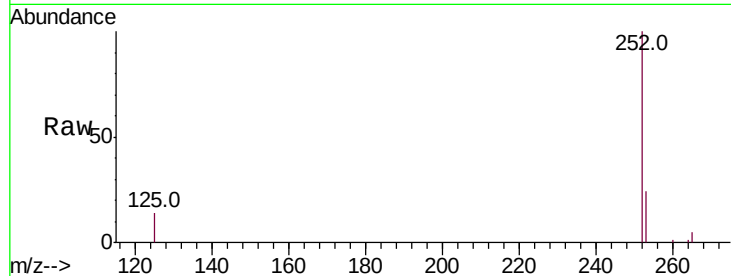




#35
Benzo(b)fluoranthene
Concen: 0.422 ng
RT: 23.22 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

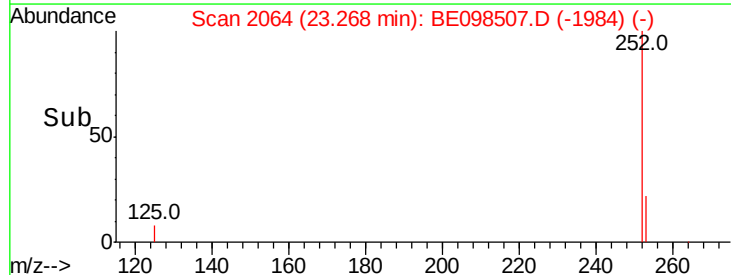
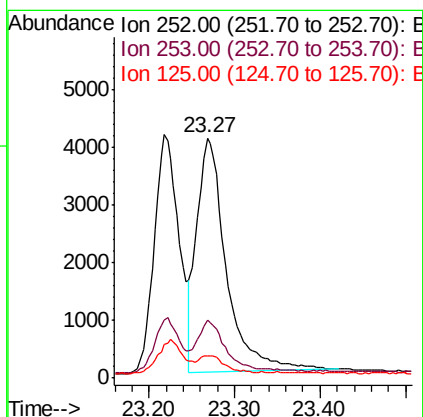
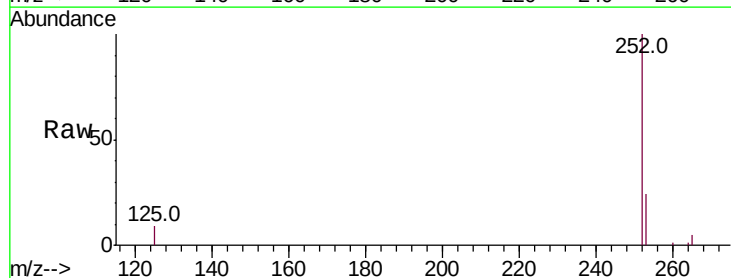
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

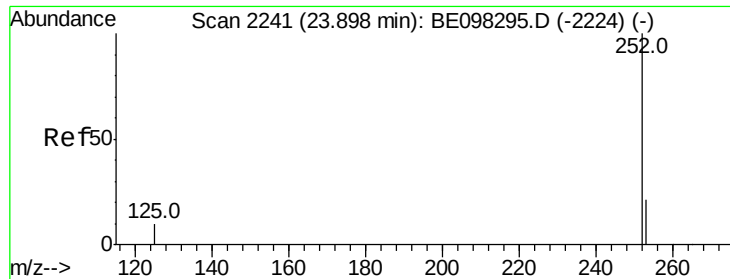
Tot Ion:252 Resp: 8060
Ion Ratio Lower Upper
252 100
253 23.9 20.0 30.0
125 13.8 9.6 14.4



#36
Benzo(k)fluoranthene
Concen: 0.438 ng
RT: 23.27 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BE098507.D
Acq: 16 Dec 2018 15:09

Tgt Ion:252 Resp: 9729
Ion Ratio Lower Upper
252 100
253 24.2 19.0 28.6
125 9.5 9.1 13.7





#37

Benzo(a)pyrene

Concen: 0.425 ng

RT: 23.89 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

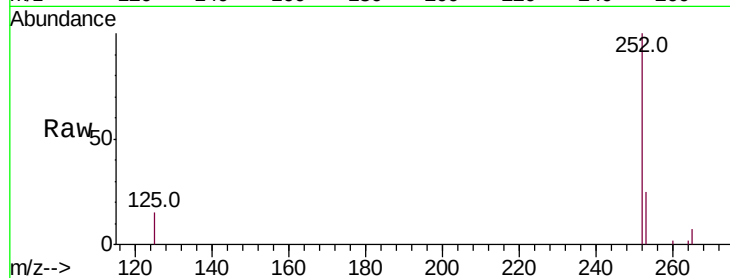
Tot Ion:252 Resp: 8375

Ion Ratio Lower Upper

252 100

253 24.5 20.6 30.8

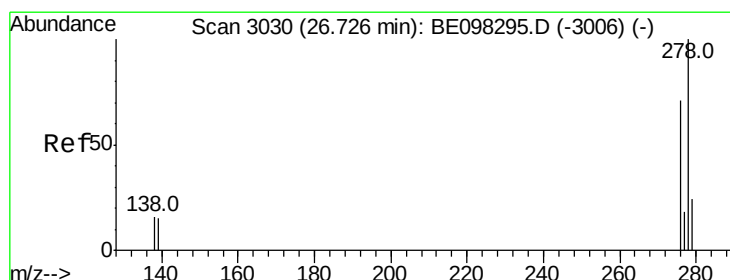
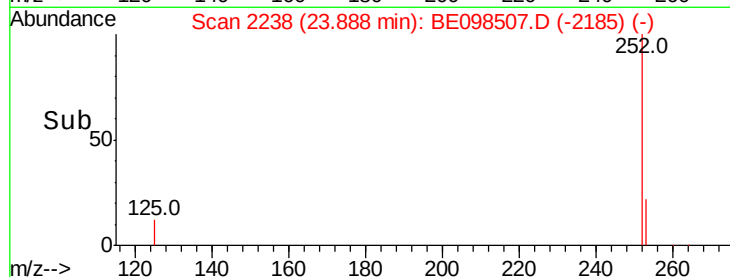
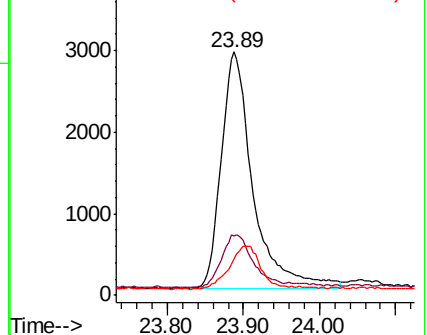
125 14.7 10.5 15.7



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: 0.395 ng

RT: 26.71 min Scan# 3026

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

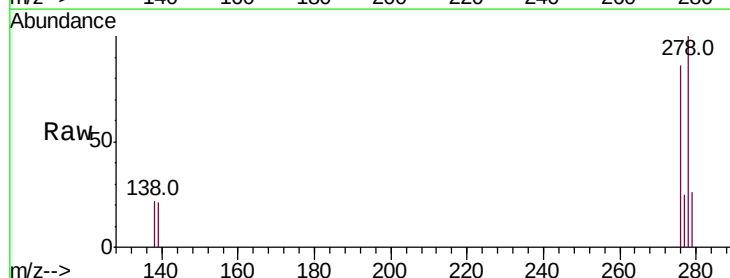
Tgt Ion:278 Resp: 7325

Ion Ratio Lower Upper

278 100

139 21.0 14.5 21.7

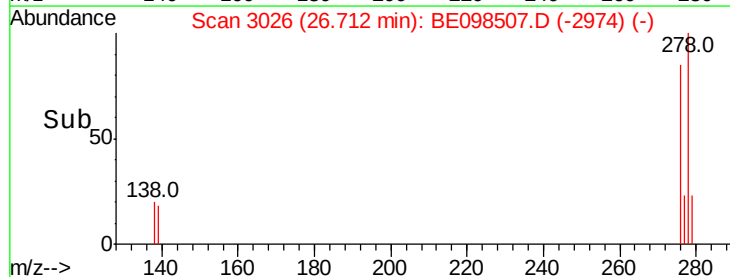
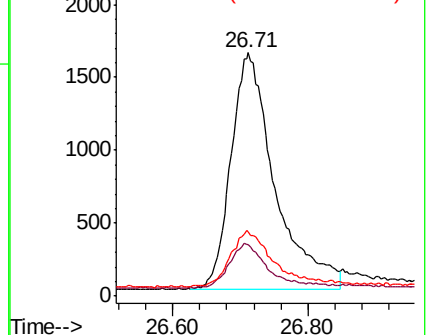
279 26.5 21.8 32.8

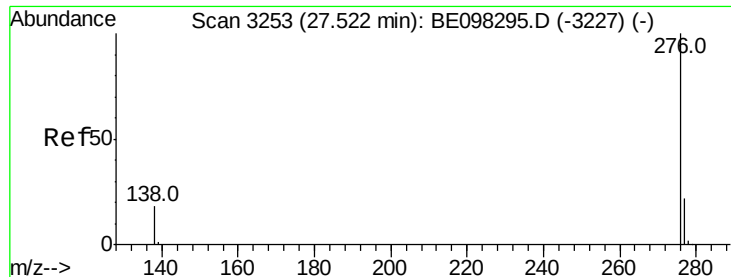


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.433 ng

RT: 27.51 min Scan# 3250

Delta R.T. -0.01 min

Lab File: BE098507.D

Acq: 16 Dec 2018 15:09

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

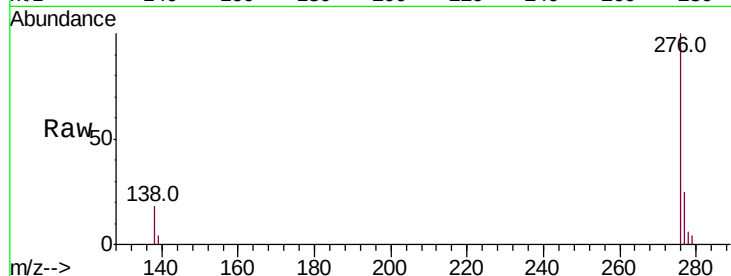
Tot Ion:276 Resp: 8088

Ion Ratio Lower Upper

276 100

277 24.7 20.8 31.2

138 18.0 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

