

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
 Data File : BE097743.D
 Acq On : 5 Oct 2018 2:37
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Oct 05 16:17:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 03 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	3517	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	14588	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	8580	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	23462	0.40	ng	0.00
27) Chrysene-d12	21.49	240	29857	0.40	ng	0.00
34) Perylene-d12	24.04	264	29022	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3784	0.45	ng	0.00
5) Phenol-d6	7.04	99	6439	0.50	ng	0.00
8) Nitrobenzene-d5	9.04	82	2962	0.63	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	8759	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	824	0.53	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	13694	0.36	ng	-0.02
25) Fluoranthene-d10	19.33	212	111843	0.38	ng	0.00
29) Terphenyl-d14	19.93	244	23469	0.38	ng	0.00

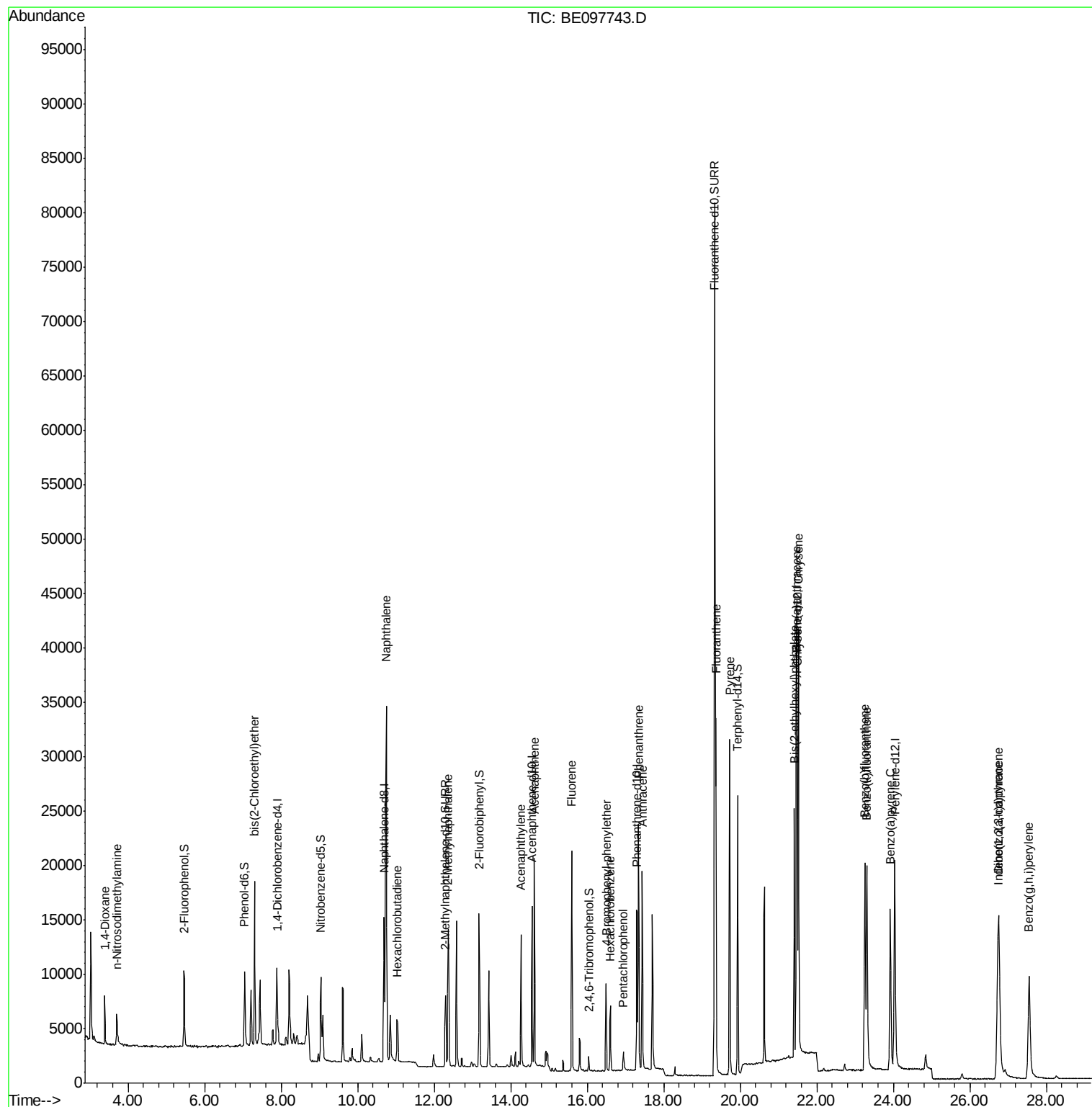
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.39	88	2589	0.369	ng	95
3) n-Nitrosodimethylamine	3.70	42	2208	0.346	ng	# 88
6) bis(2-Chloroethyl)ether	7.31	93	4969	0.377	ng	98
9) Naphthalene	10.74	128	55680	0.379	ng	100
10) Hexachlorobutadiene	11.04	225	2984	0.382	ng	99
12) 2-Methylnaphthalene	12.37	142	8895	0.378	ng	97
16) Acenaphthylene	14.27	152	13731	0.361	ng	99
17) Acenaphthene	14.62	154	9110	0.374	ng	98
18) Fluorene	15.59	166	11844	0.366	ng	99
20) 4-Bromophenyl-phenylether	16.50	248	4711	0.383	ng	# 89
21) Hexachlorobenzene	16.60	284	5041	0.364	ng	98
22) Pentachlorophenol	16.94	266	1159	0.534	ng	98
23) Phenanthrene	17.34	178	22788	0.377	ng	100
24) Anthracene	17.43	178	19298	0.370	ng	99
26) Fluoranthene	19.36	202	28702	0.373	ng	100
28) Pyrene	19.72	202	29528	0.389	ng	99
30) Benzo(a)anthracene	21.46	228	31588	0.394	ng	97
31) Chrysene	21.52	228	35010	0.390	ng	99
32) Bis(2-ethylhexyl)phthalate	21.41	149	27197	0.463	ng	100
33) Indeno(1,2,3-cd)pyrene	26.73	276	29398	0.377	ng	98
35) Benzo(b)fluoranthene	23.25	252	28054	0.352	ng	98
36) Benzo(k)fluoranthene	23.30	252	32810	0.372	ng	99
37) Benzo(a)pyrene	23.92	252	25986	0.360	ng	98
38) Dibenzo(a,h)anthracene	26.76	278	24182	0.340	ng	97
39) Benzo(g,h,i)perylene	27.55	276	25690	0.346	ng	99

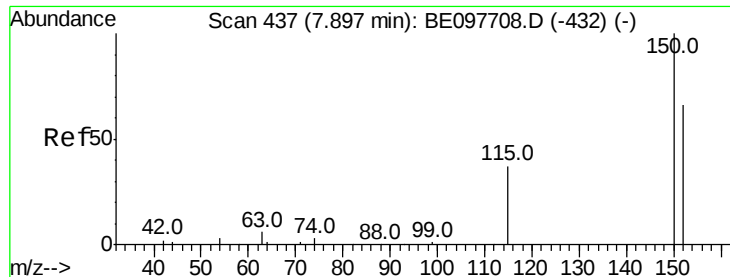
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100418\
Data File : BE097743.D
Acq On : 5 Oct 2018 2:37
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 05 16:17:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 03 12:17:19 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 437

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

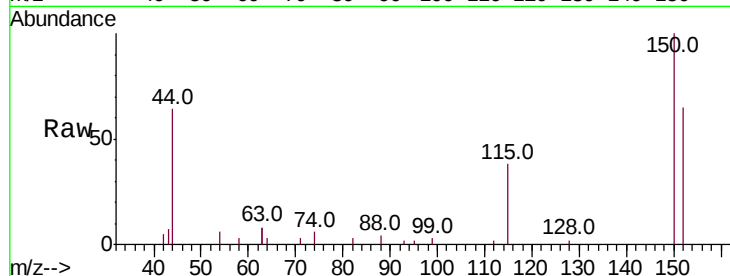
Tot Ion:152 Resp: 3517

Ion Ratio Lower Upper

152 100

150 153.5 120.9 181.3

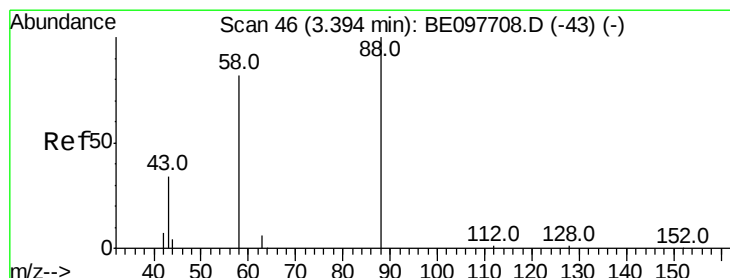
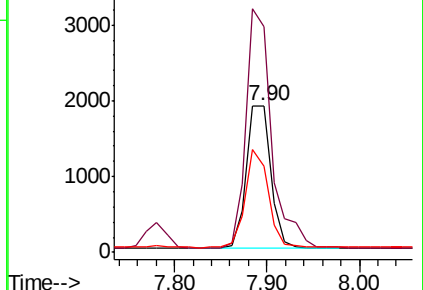
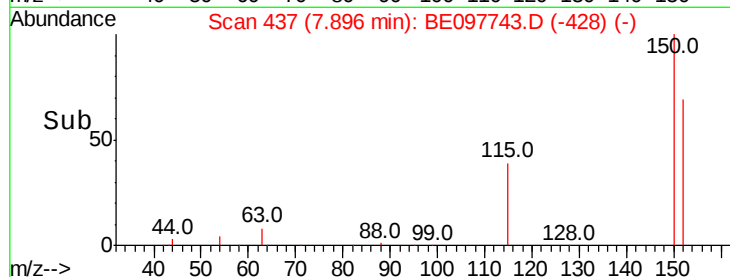
115 58.5 46.6 69.8



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: 0.369 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

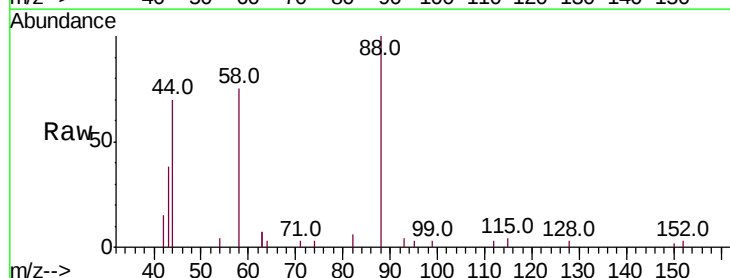
Tgt Ion: 88 Resp: 2589

Ion Ratio Lower Upper

88 100

58 86.4 70.8 106.2

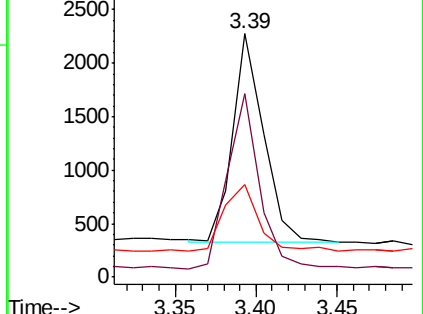
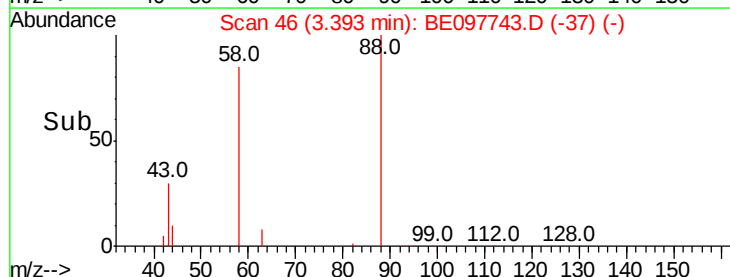
43 35.6 33.3 49.9

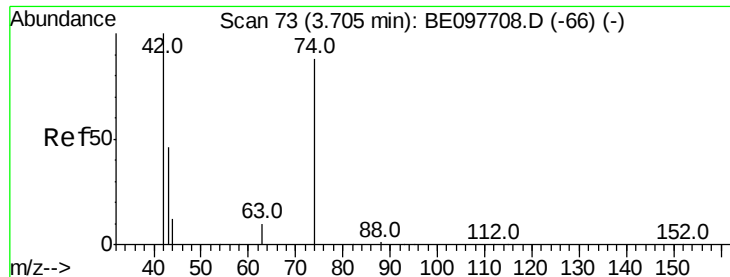


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.346 ng

RT: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

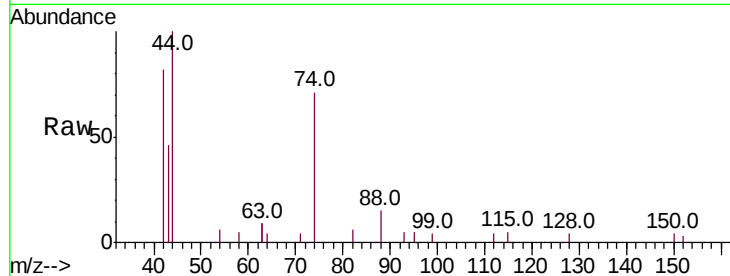
Tot Ion: 42 Resp: 2208

Ion Ratio Lower Upper

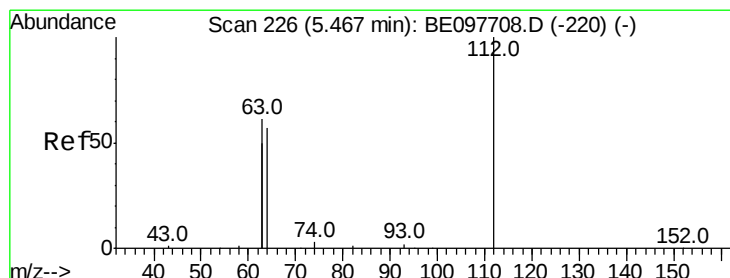
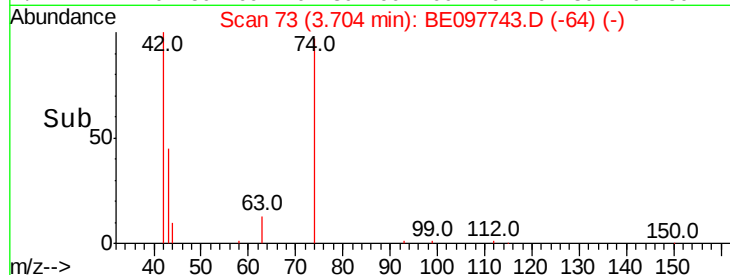
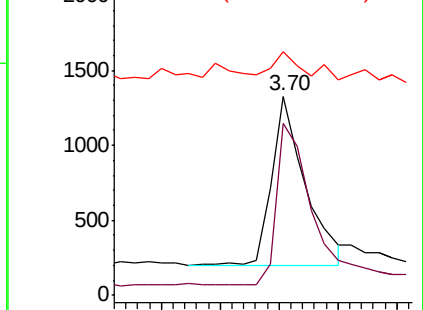
42 100

74 100.7 70.7 106.1

44 14.9 15.0 22.4#



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: 0.455 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

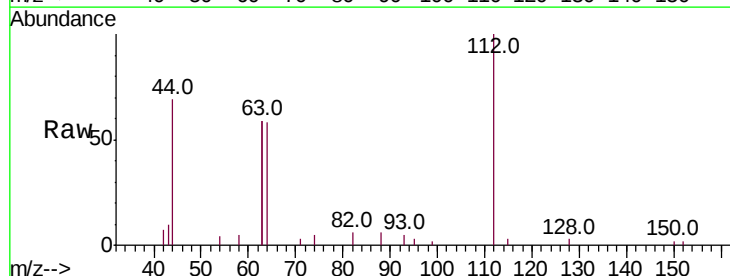
Tgt Ion: 112 Resp: 3784

Ion Ratio Lower Upper

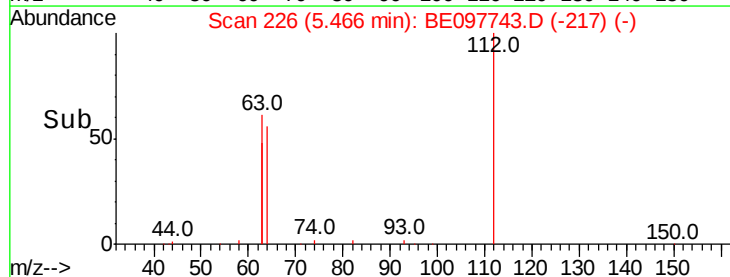
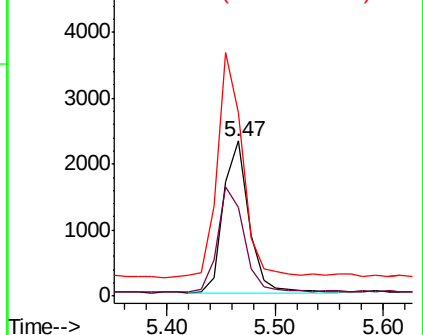
112 100

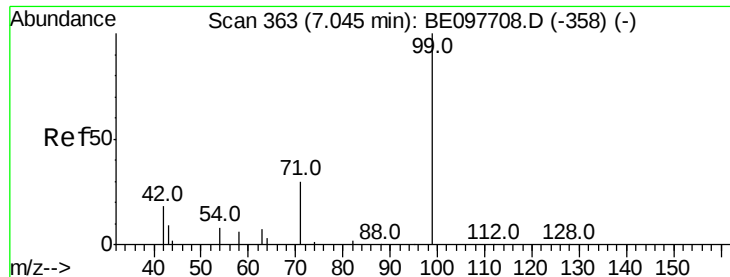
64 71.6 56.6 84.8

63 145.4 119.4 179.0



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: 0.505 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

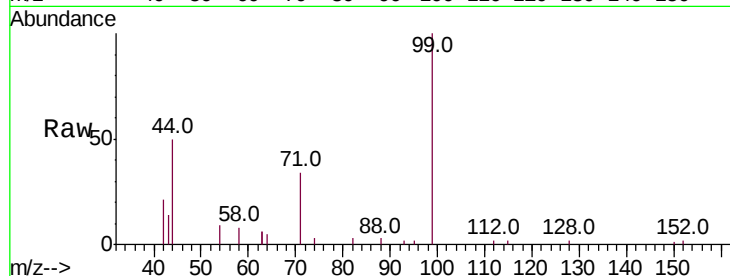
Tot Ion: 99 Resp: 6439

Ion Ratio Lower Upper

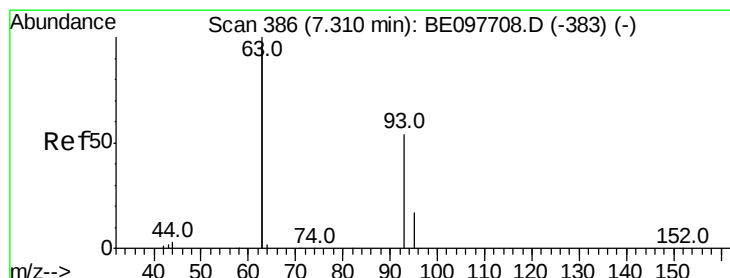
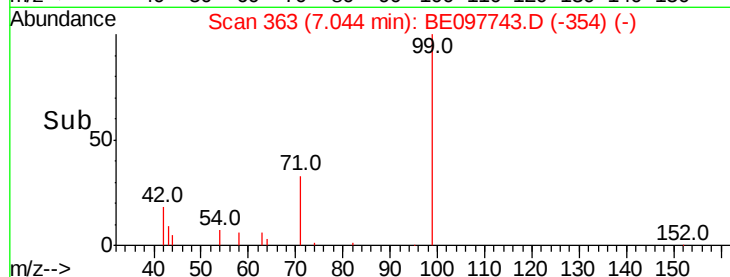
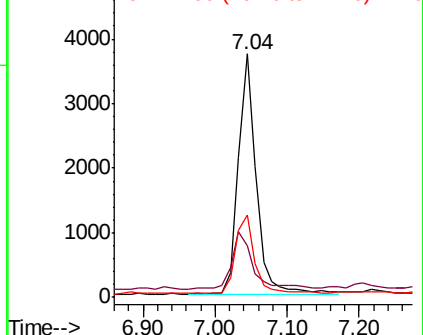
99 100

42 26.9 19.9 29.9

71 34.9 25.4 38.2



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: 0.377 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

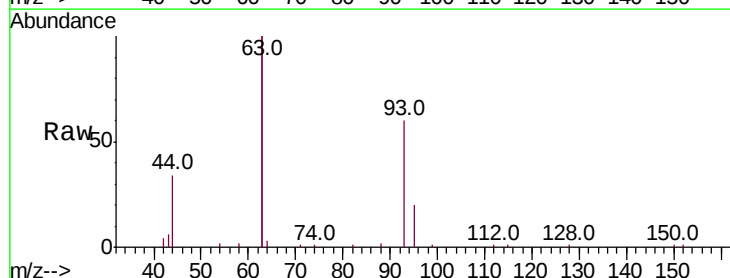
Tgt Ion: 93 Resp: 4969

Ion Ratio Lower Upper

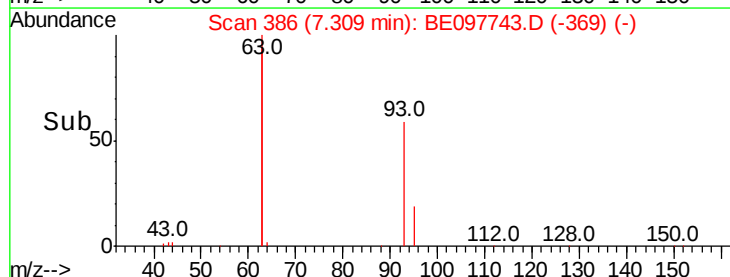
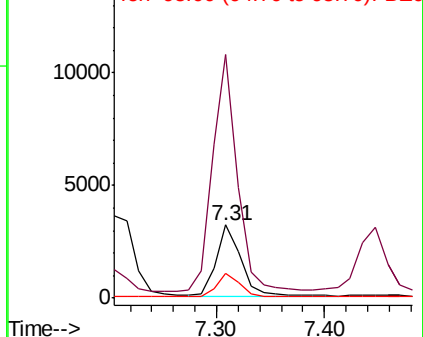
93 100

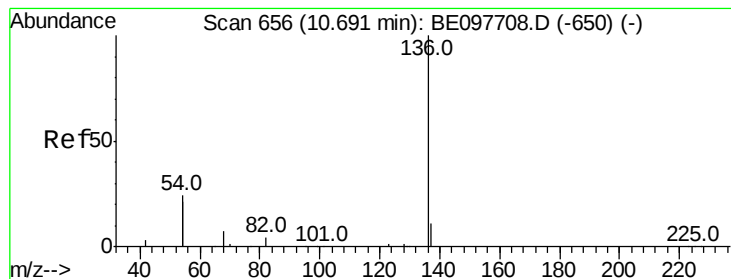
63 337.8 266.9 400.3

95 32.3 26.2 39.2



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: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 14588

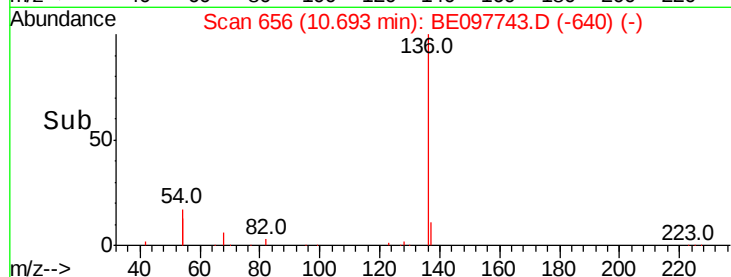
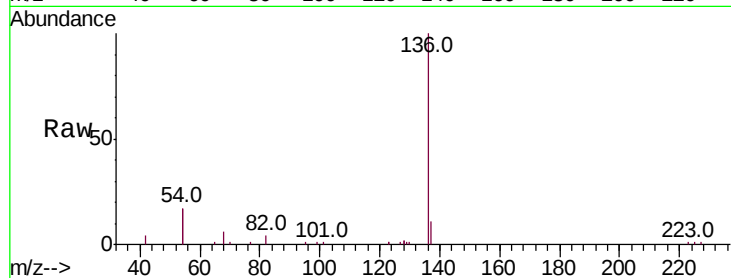
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 33.4 37.8 56.6#

68 6.5 6.4 9.6

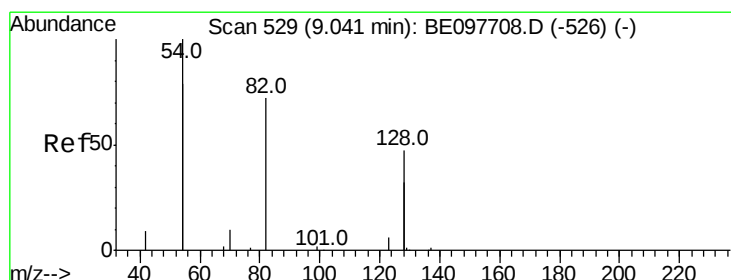
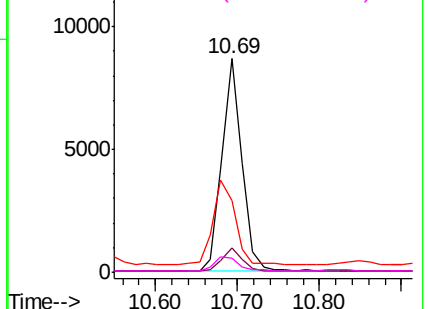


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.625 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

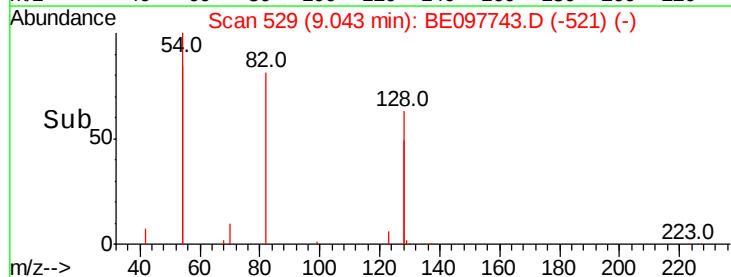
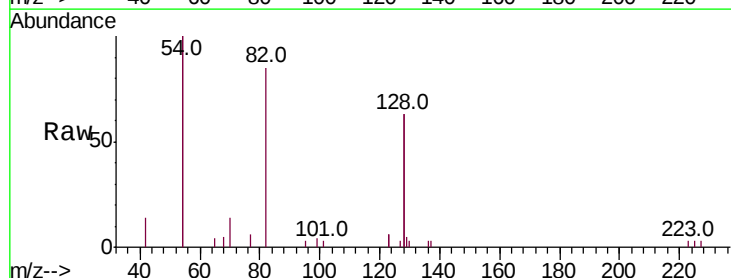
Tgt Ion: 82 Resp: 2962

Ion Ratio Lower Upper

82 100

128 147.3 97.0 145.4#

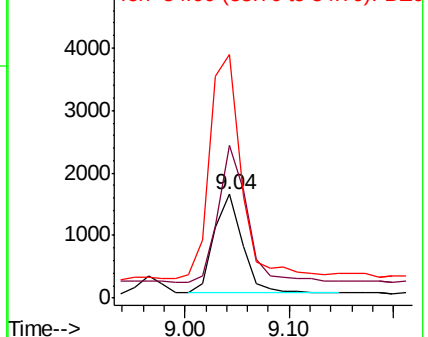
54 235.3 206.9 310.3

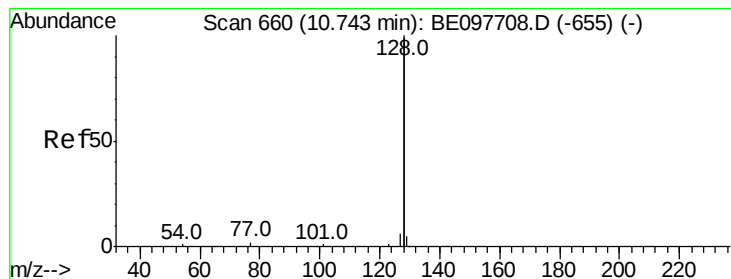


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.379 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

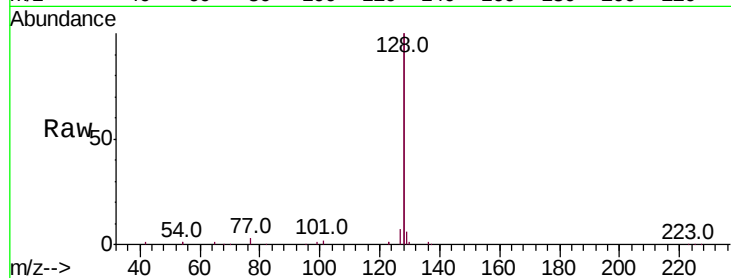
Tot Ion:128 Resp: 55680

Ion Ratio Lower Upper

128 100

129 3.0 2.2 3.2

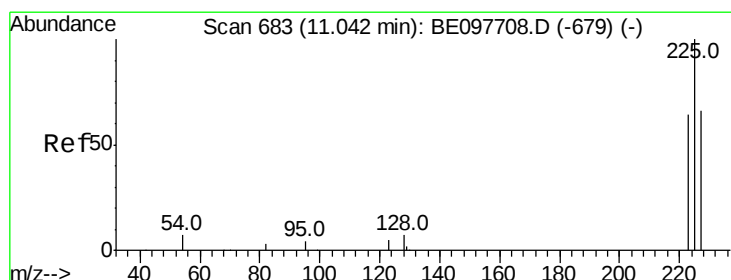
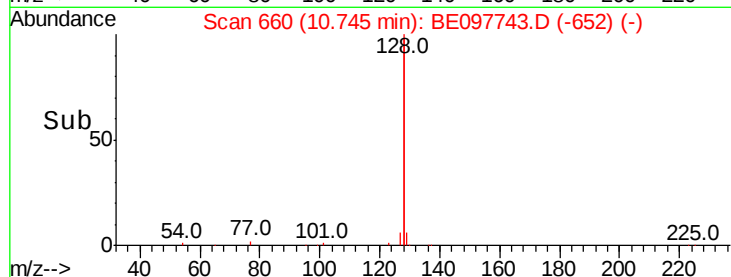
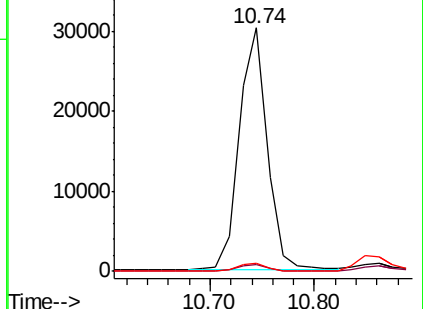
127 3.4 2.7 4.1



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: 0.382 ng

RT: 11.04 min Scan# 683

Delta R.T. 0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

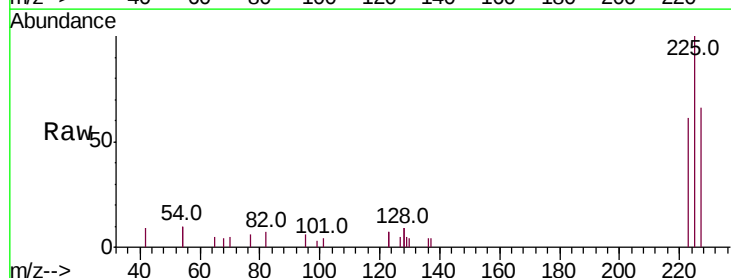
Tgt Ion:225 Resp: 2984

Ion Ratio Lower Upper

225 100

223 65.4 52.2 78.4

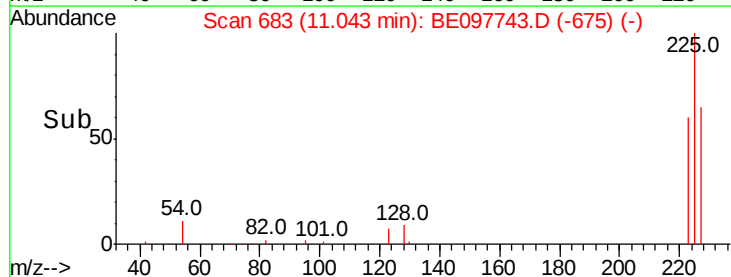
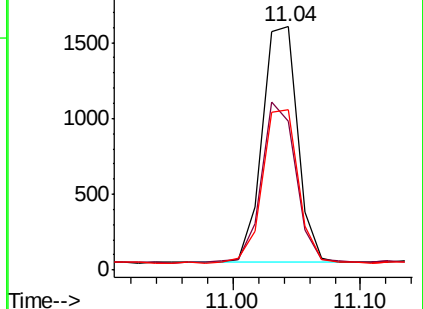
227 66.2 51.2 76.8

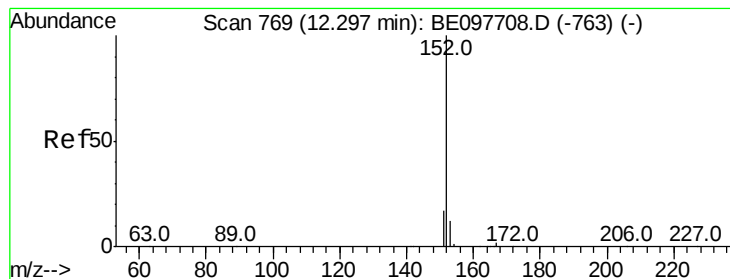


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.377 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

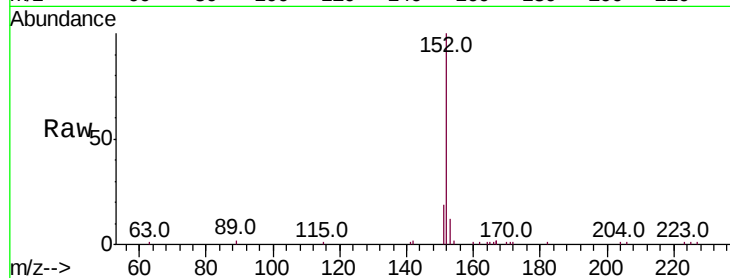
SSTDCCC0.4EC

Tot Ion:152 Resp: 8759

Ion Ratio Lower Upper

152 100

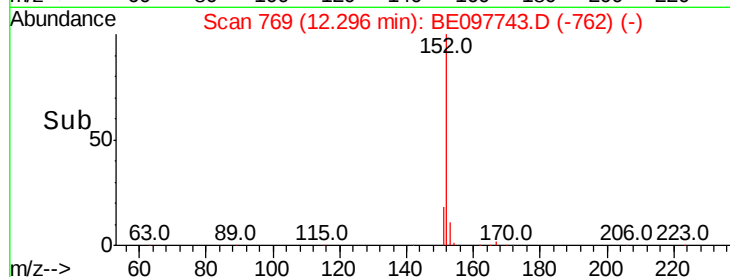
151 19.6 15.4 23.2



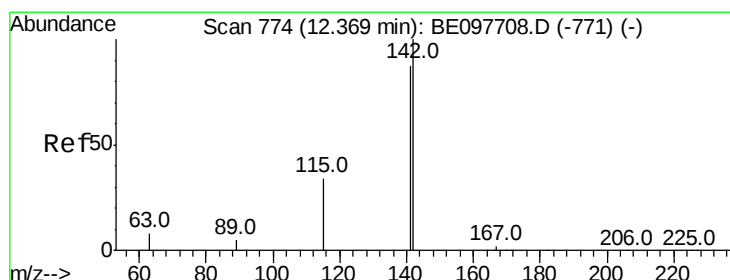
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30



Time-->



#12

2-Methylnaphthalene

Concen: 0.378 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

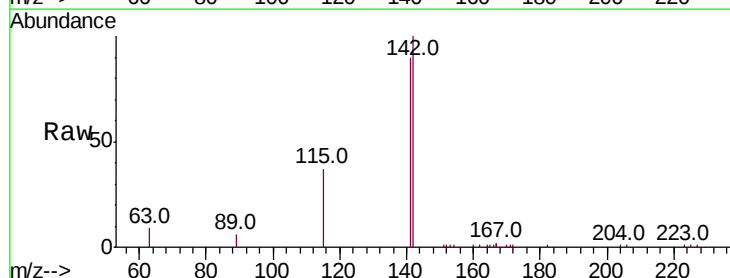
Tgt Ion:142 Resp: 8895

Ion Ratio Lower Upper

142 100

141 89.8 69.4 104.2

115 37.3 28.0 42.0

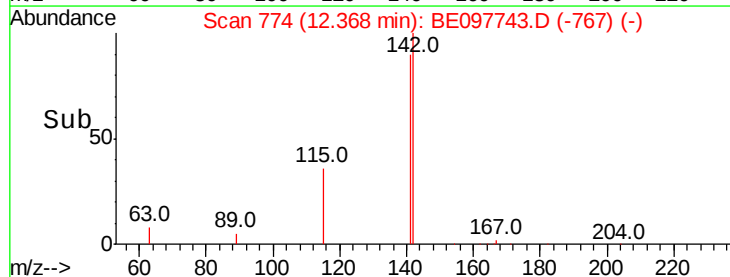


Abundance Ion 142.00 (141.70 to 142.70): E

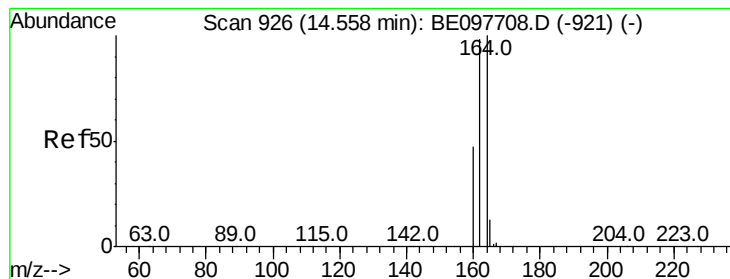
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.37



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

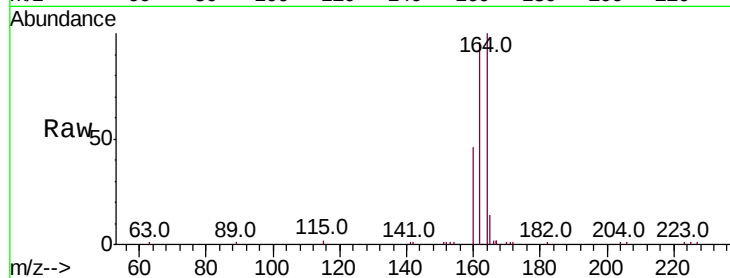
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:164 Resp: 8580

Ion	Ratio	Lower	Upper
164	100		
162	96.1	78.6	117.8
160	45.6	37.8	56.6

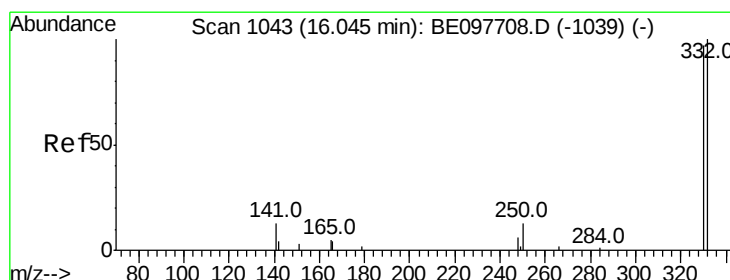
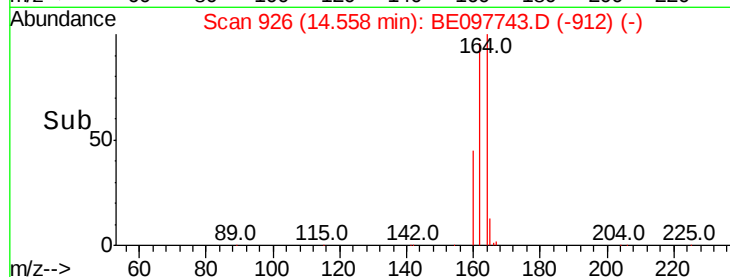
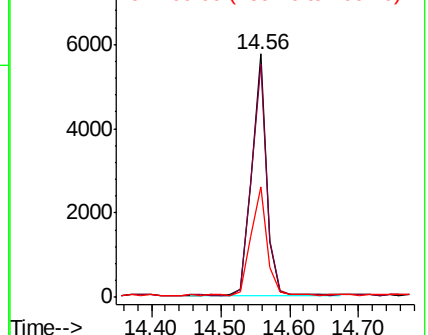


Abundance

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: 0.530 ng

RT: 16.03 min Scan# 1042

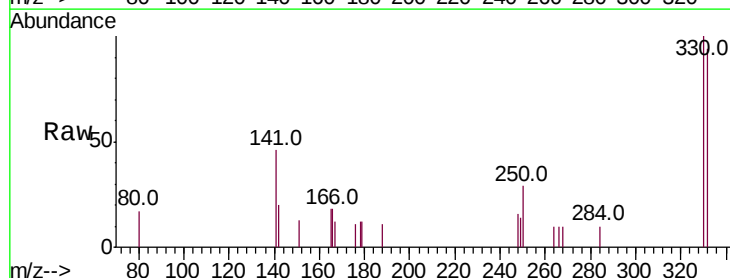
Delta R.T. -0.01 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Tgt Ion:330 Resp: 824

Ion	Ratio	Lower	Upper
330	100		
332	97.2	83.5	125.3
141	40.2	34.9	52.3

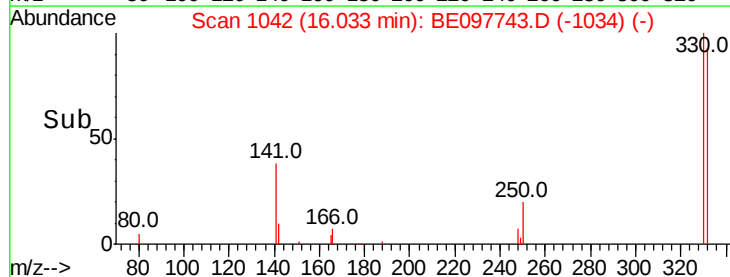
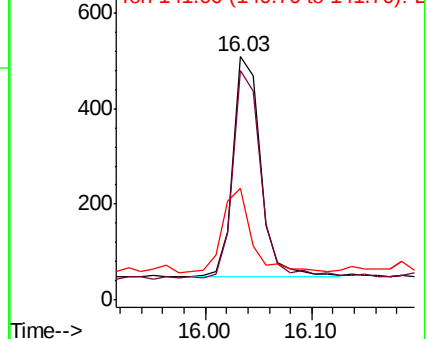


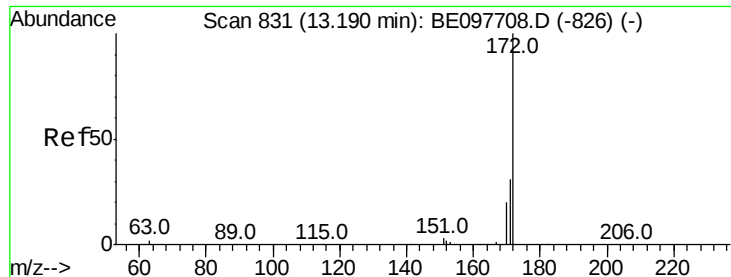
Abundance

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

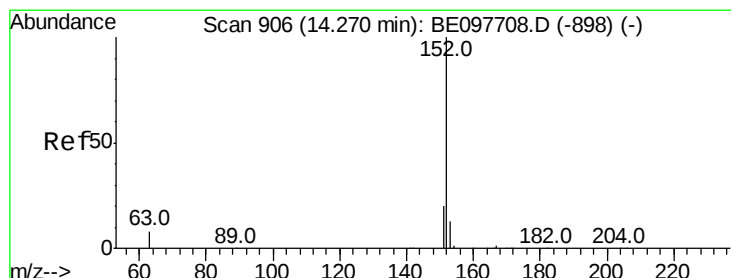
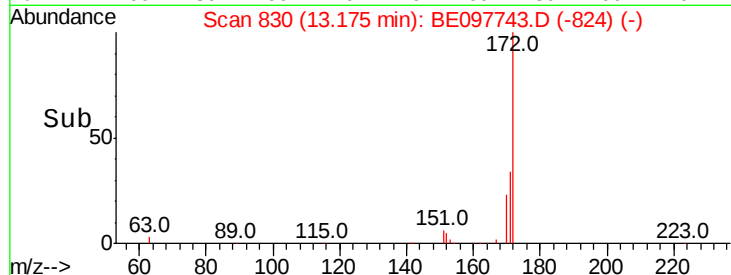
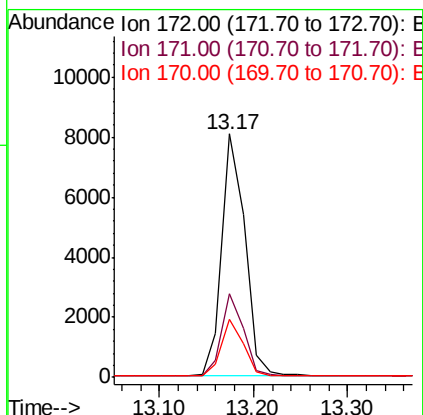
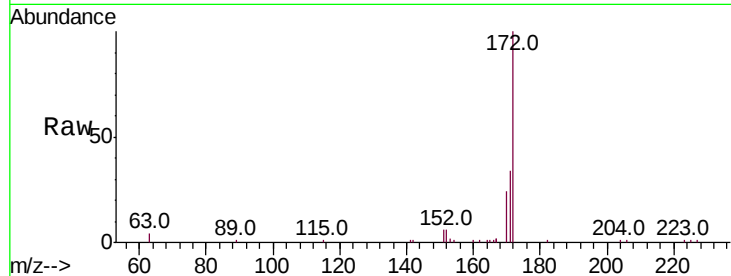




#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.02 min
Lab File: BE097743.D
Acq: 5 Oct 2018 2:37

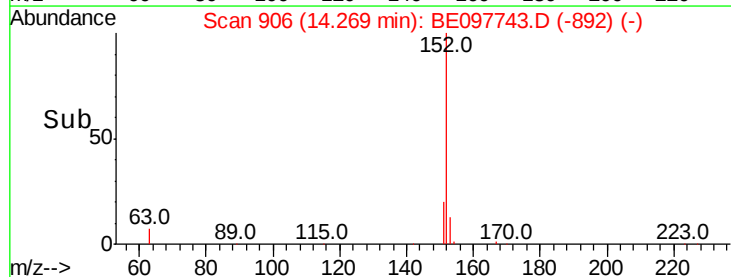
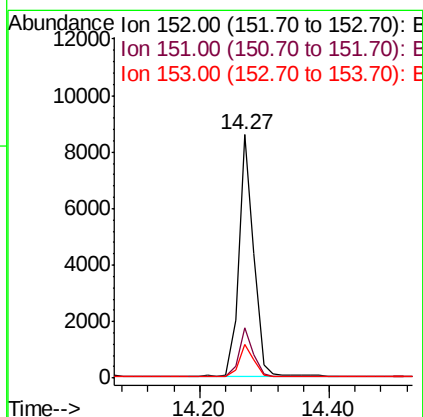
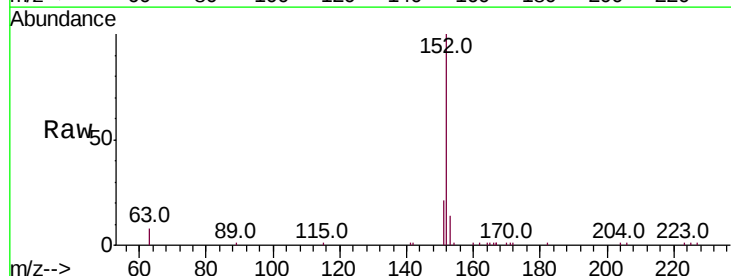
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

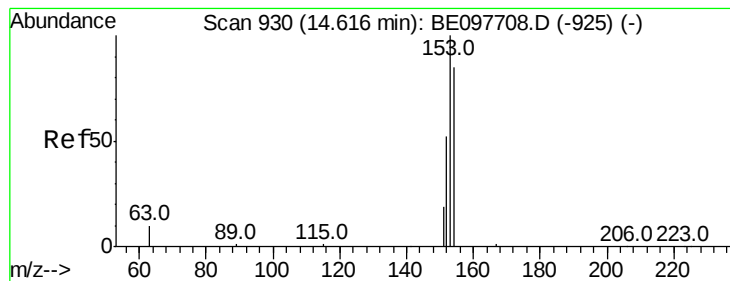
Tot Ion:172 Resp: 13694
Ion Ratio Lower Upper
172 100
171 34.2 25.2 37.8
170 23.9 16.2 24.2



#16
Acenaphthylene
Concen: 0.361 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097743.D
Acq: 5 Oct 2018 2:37

Tgt Ion:152 Resp: 13731
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9
153 13.8 10.8 16.2





#17

Acenaphthene

Concen: 0.374 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

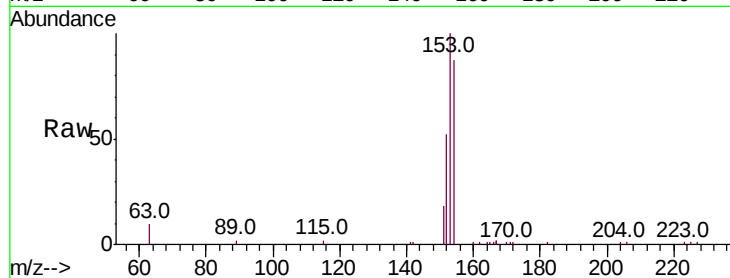
Tot Ion:154 Resp: 9110

Ion Ratio Lower Upper

154 100

153 114.5 93.3 139.9

152 58.9 48.9 73.3

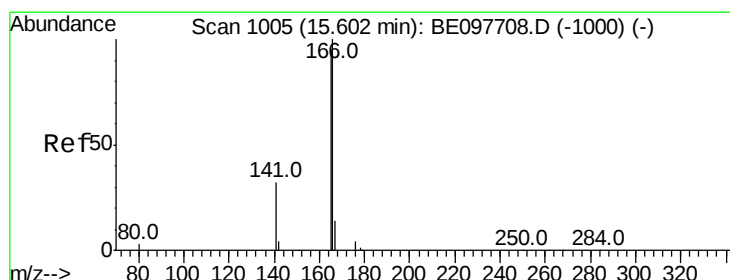
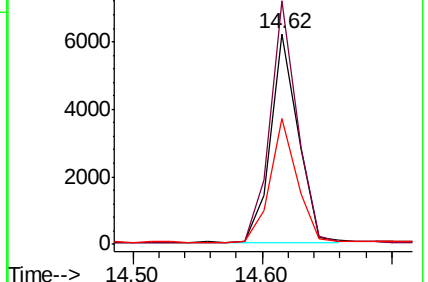
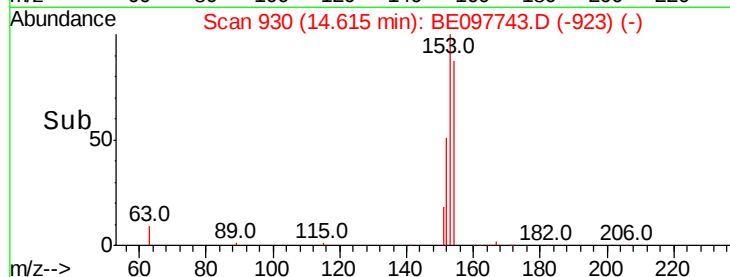


Abundance

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: 0.366 ng

RT: 15.59 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

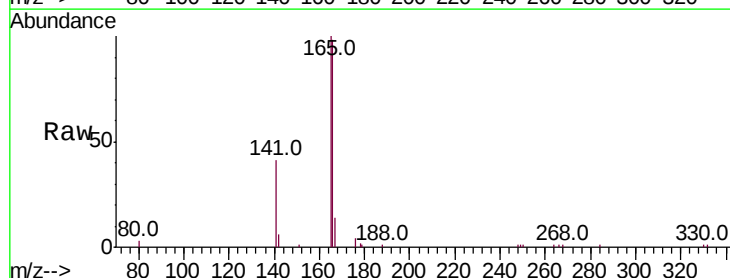
Tgt Ion:166 Resp: 11844

Ion Ratio Lower Upper

166 100

165 100.2 79.0 118.4

167 13.9 11.1 16.7

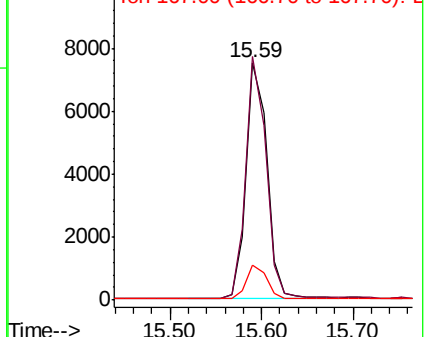
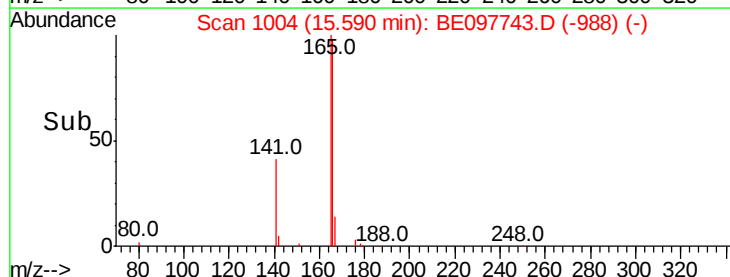


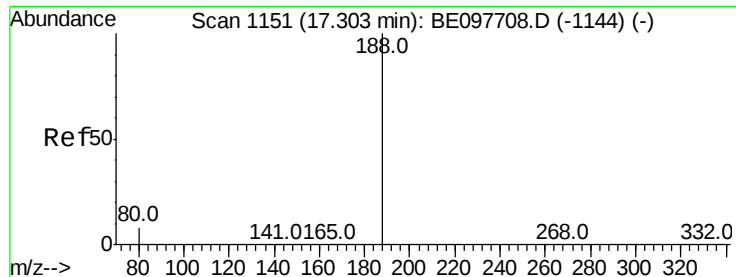
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.30 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

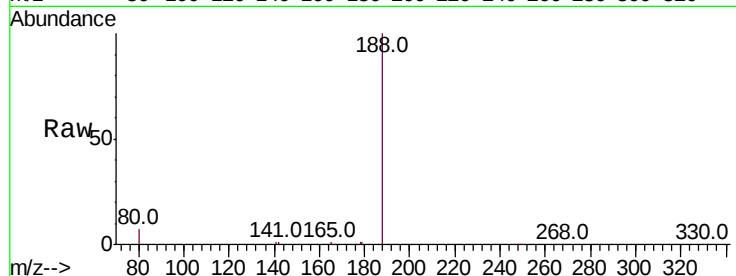
Tot Ion:188 Resp: 23462

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

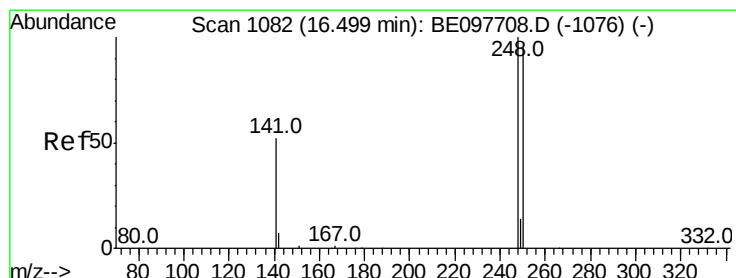
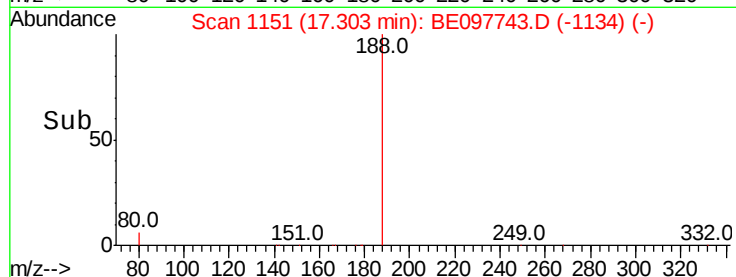
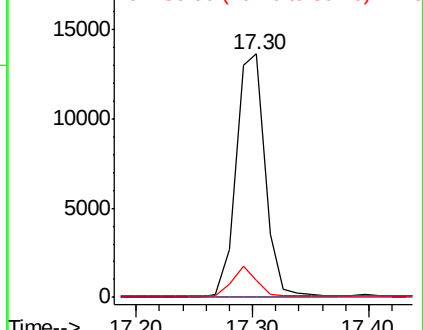
80 6.9 6.6 9.8



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: 0.383 ng

RT: 16.50 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

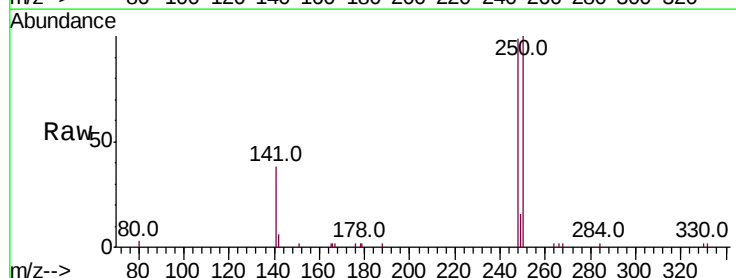
Tgt Ion:248 Resp: 4711

Ion Ratio Lower Upper

248 100

250 101.1 76.1 114.1

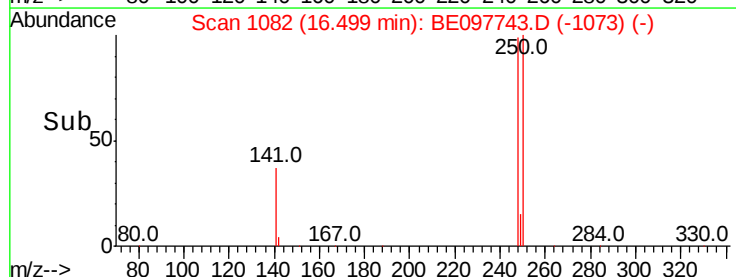
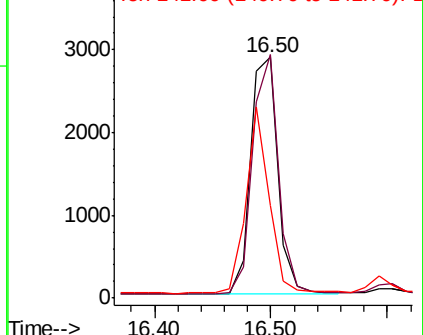
141 38.7 42.2 63.4#

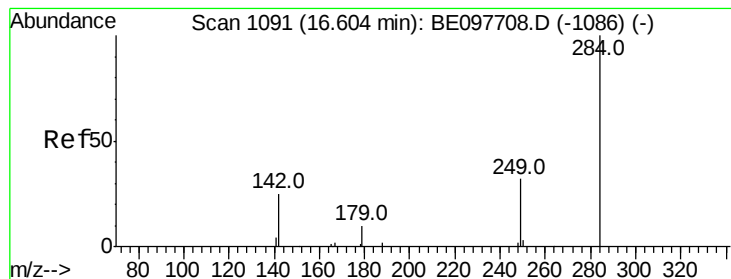


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.364 ng

RT: 16.60 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

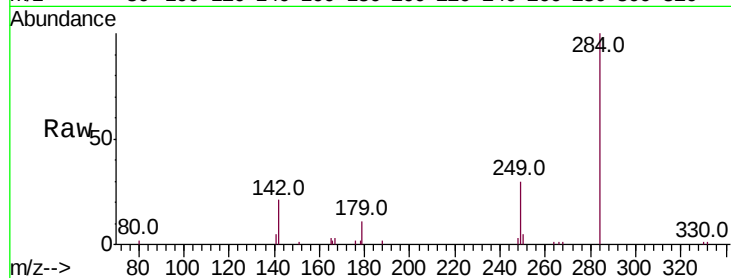
Tot Ion:284 Resp: 5041

Ion Ratio Lower Upper

284 100

142 32.4 24.9 37.3

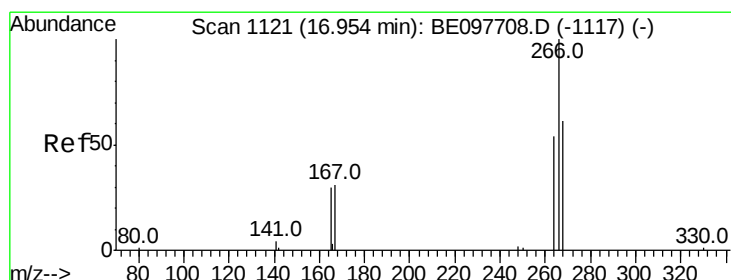
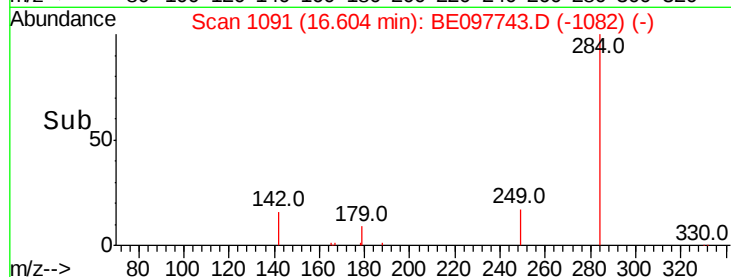
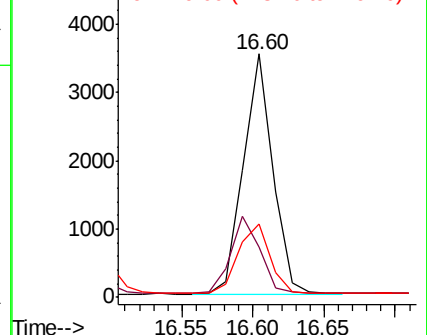
249 31.2 25.8 38.8



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: 0.534 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

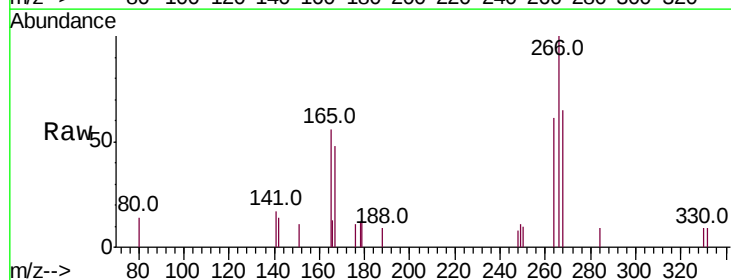
Tgt Ion:266 Resp: 1159

Ion Ratio Lower Upper

266 100

264 61.3 46.8 70.2

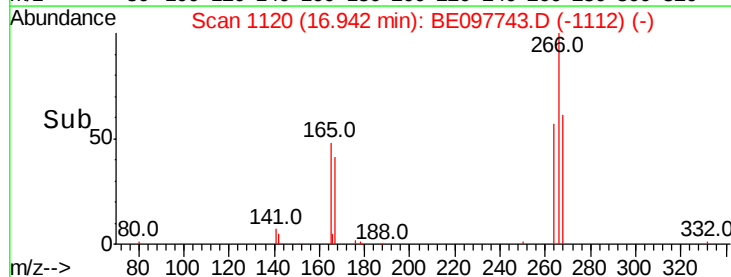
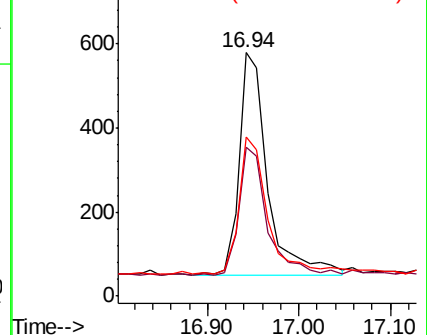
268 65.3 53.0 79.6

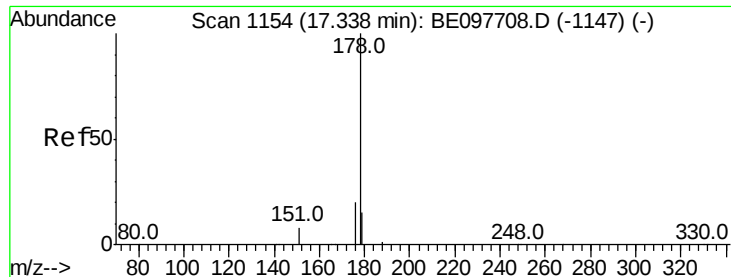


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.377 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

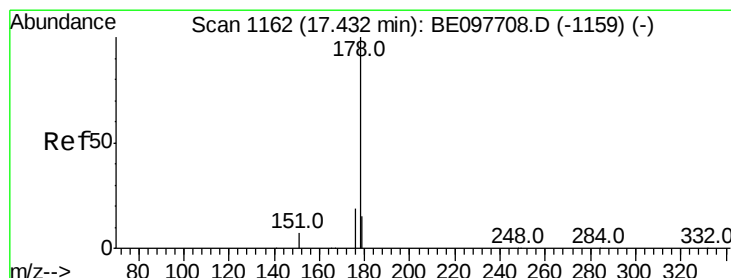
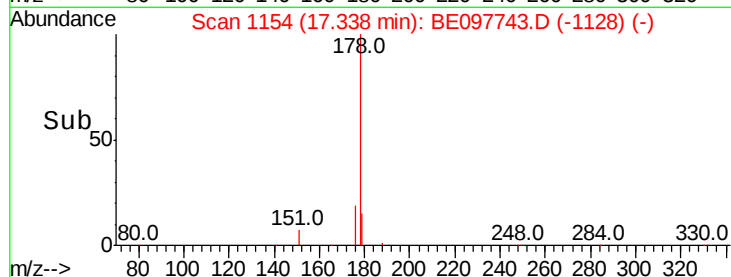
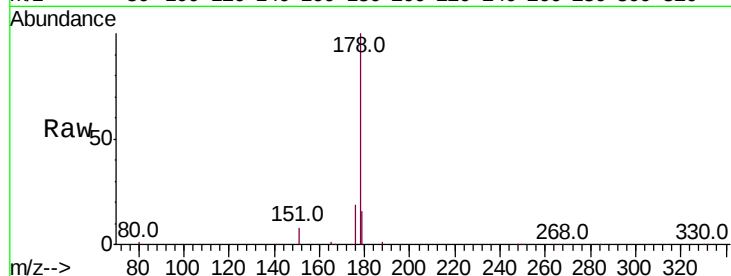
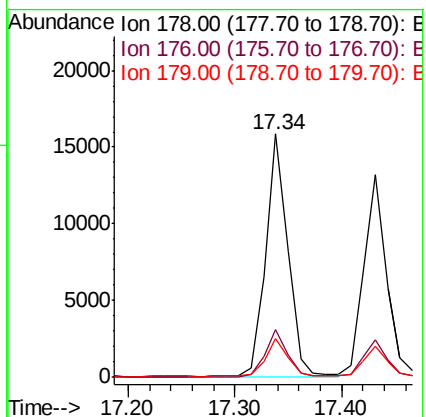
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 22788

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.2	18.4



#24

Anthracene

Concen: 0.370 ng

RT: 17.43 min Scan# 1162

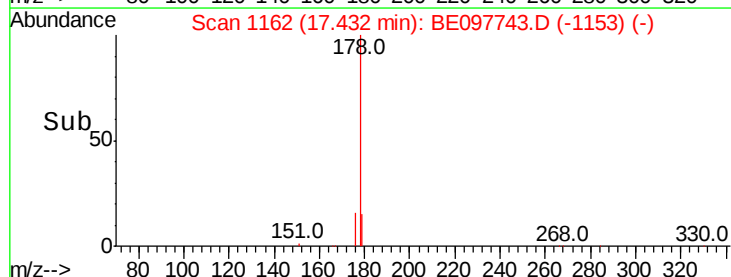
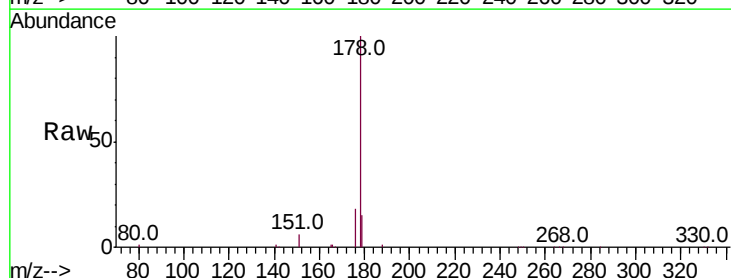
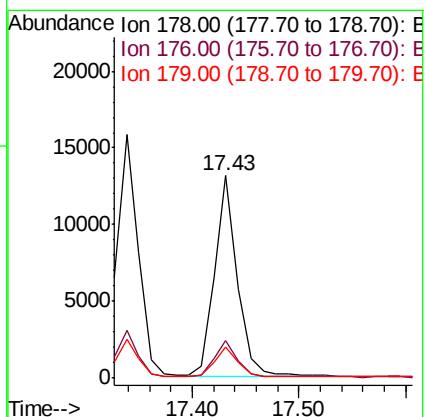
Delta R.T. 0.00 min

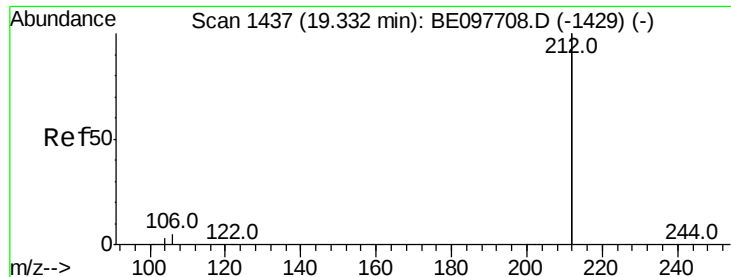
Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Tgt Ion:178 Resp: 19298

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	15.8	12.2	18.2





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

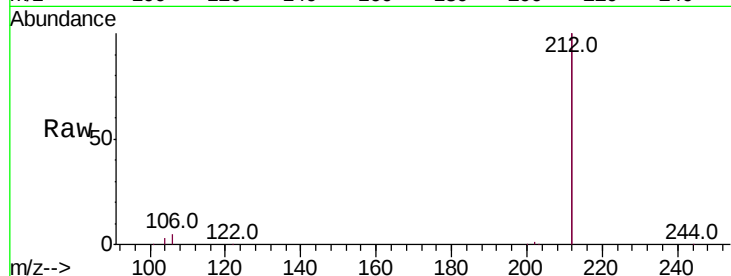
Tot Ion:212 Resp: 111843

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

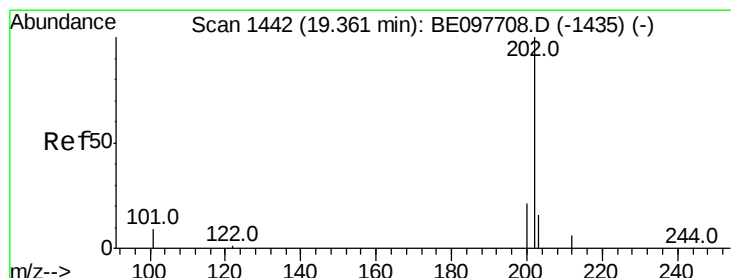
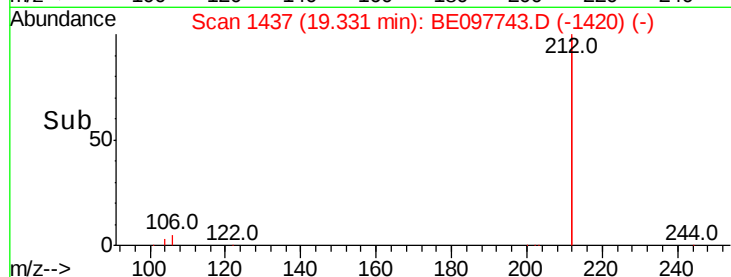
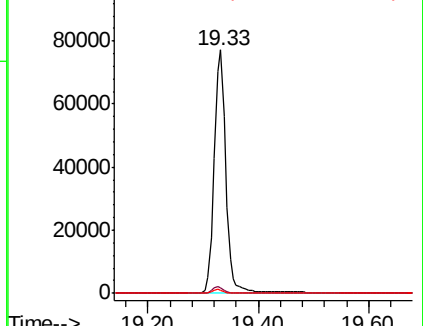
104 1.5 1.2 1.8



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: 0.373 ng

RT: 19.36 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

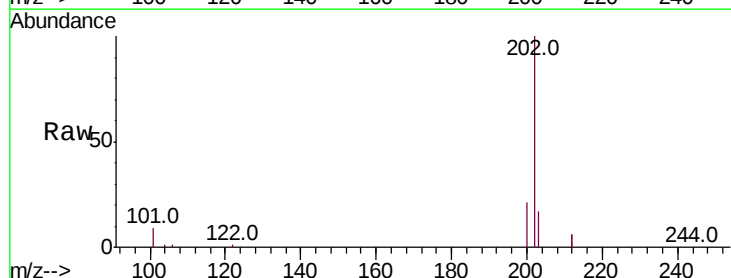
Tgt Ion:202 Resp: 28702

Ion Ratio Lower Upper

202 100

101 10.0 7.8 11.8

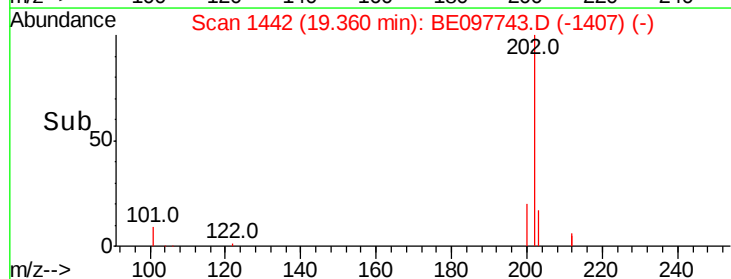
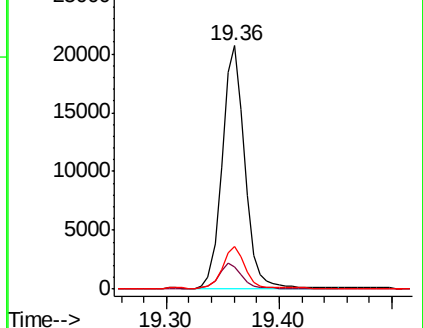
203 17.1 13.8 20.6

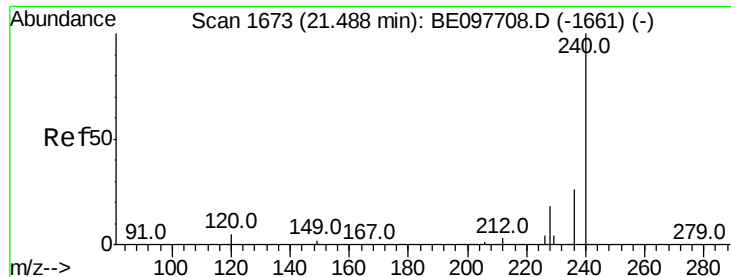


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

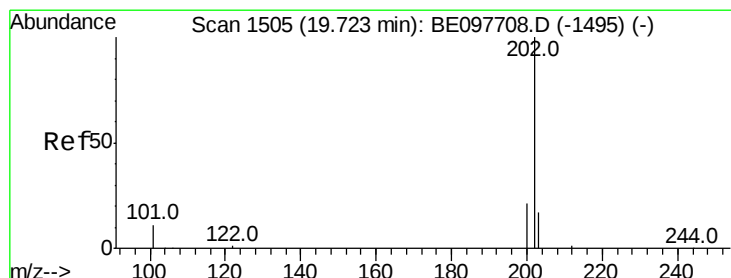
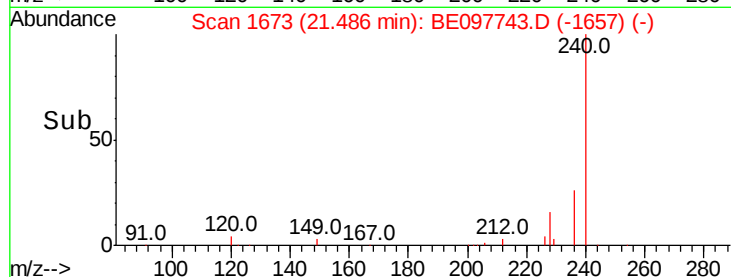
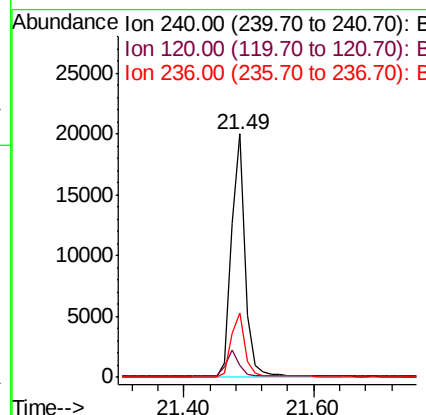
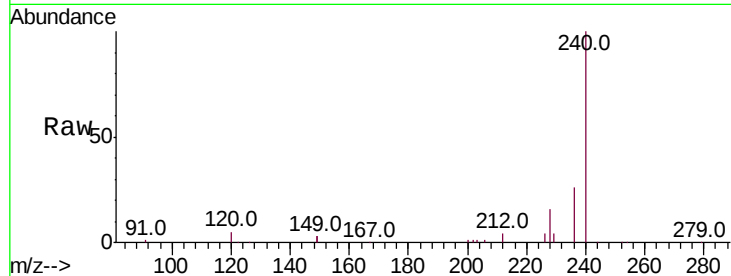




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BE097743.D
 Acq: 5 Oct 2018 2:37

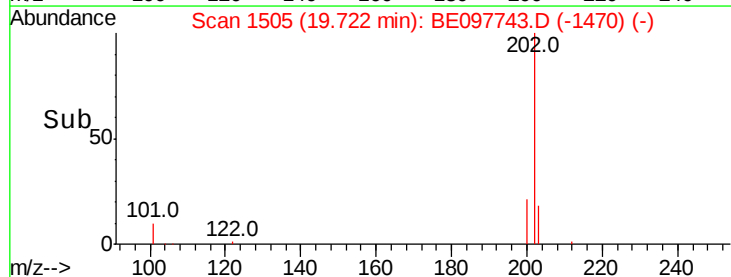
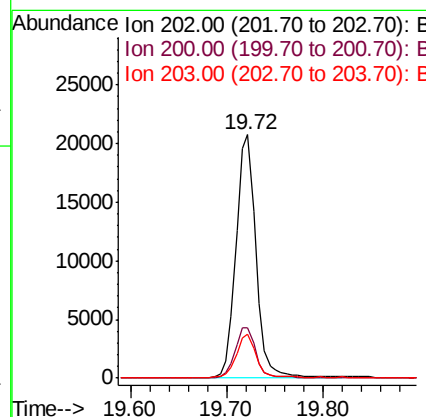
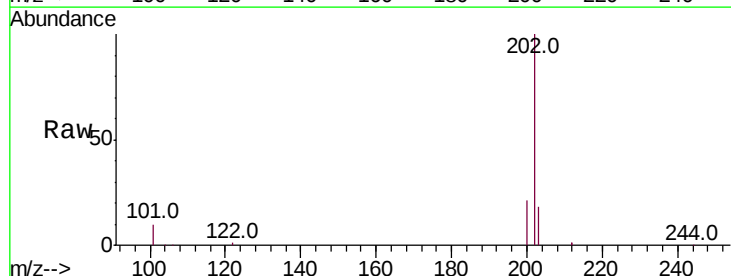
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

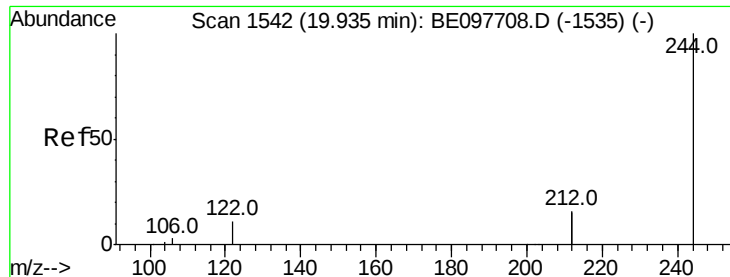
Tot Ion:240 Resp: 29857
 Ion Ratio Lower Upper
 240 100
 120 5.0 4.7 7.1
 236 26.2 20.8 31.2



#28
 Pyrene
 Concen: 0.389 ng
 RT: 19.72 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BE097743.D
 Acq: 5 Oct 2018 2:37

Tgt Ion:202 Resp: 29528
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.7 25.1
 203 17.4 13.9 20.9





#29

Terphenyl-d14

Concen: 0.385 ng

RT: 19.93 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

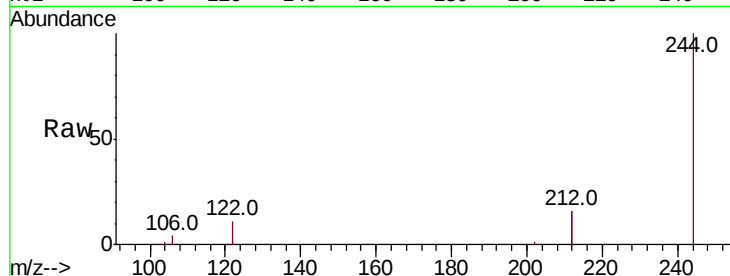
Tot Ion:244 Resp: 23469

Ion Ratio Lower Upper

244 100

212 32.3 25.8 38.8

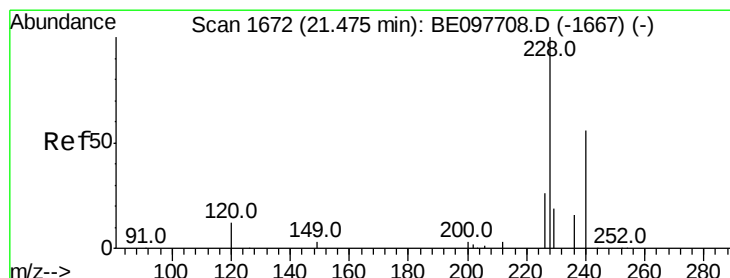
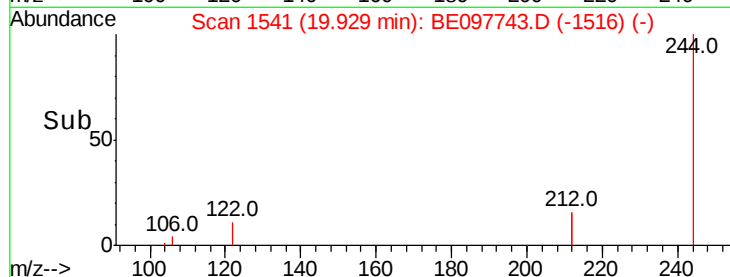
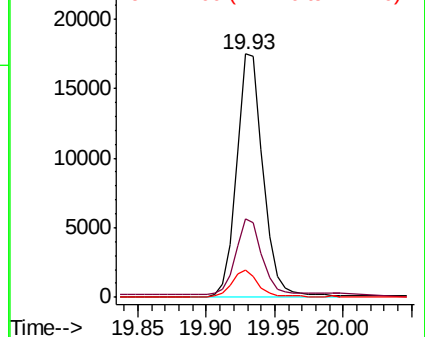
122 11.0 8.7 13.1



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: 0.394 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

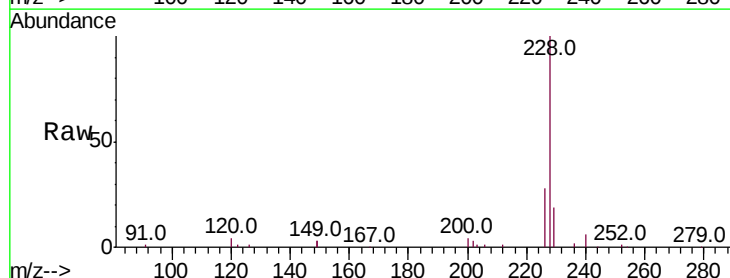
Tgt Ion:228 Resp: 31588

Ion Ratio Lower Upper

228 100

226 27.9 20.7 31.1

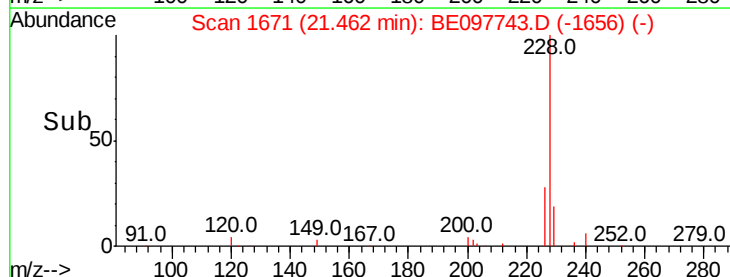
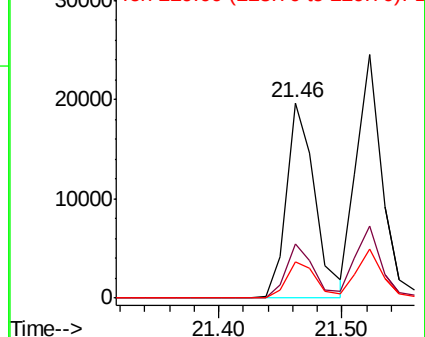
229 18.9 15.7 23.5

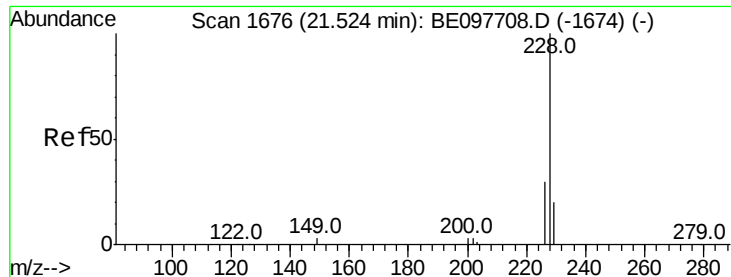


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.390 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

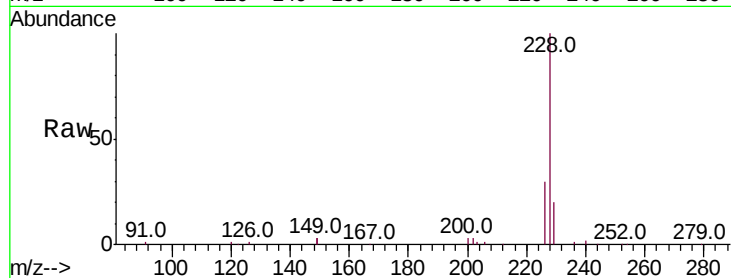
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 35010

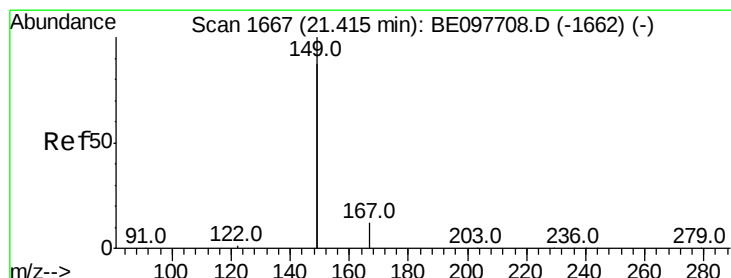
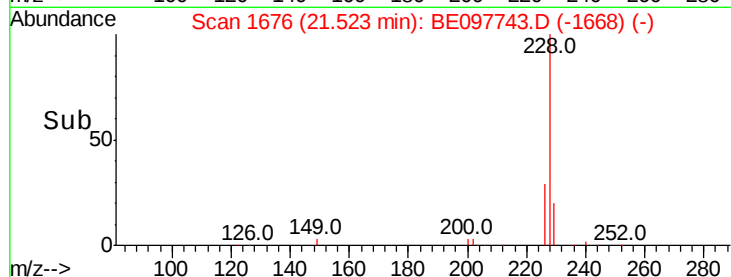
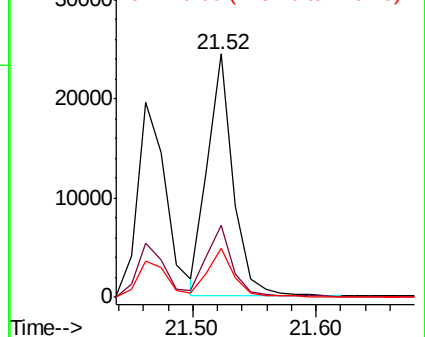
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	20.0	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.463 ng

RT: 21.41 min Scan# 1667

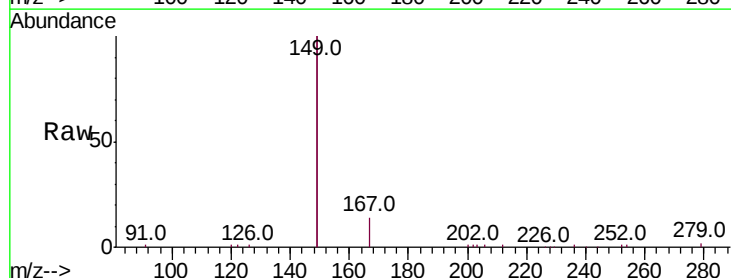
Delta R.T. -0.00 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Tgt Ion:149 Resp: 27197

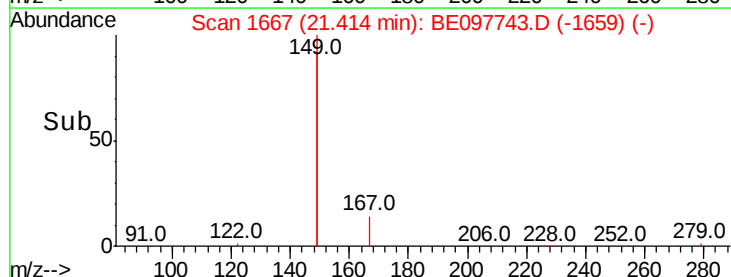
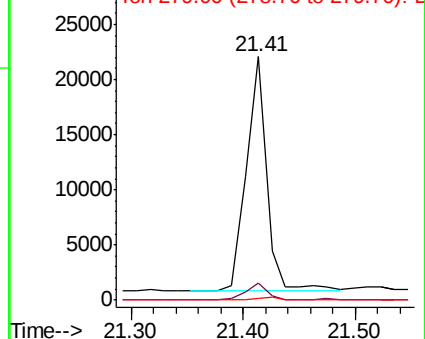
Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.5	8.3
279	1.0	0.9	1.3

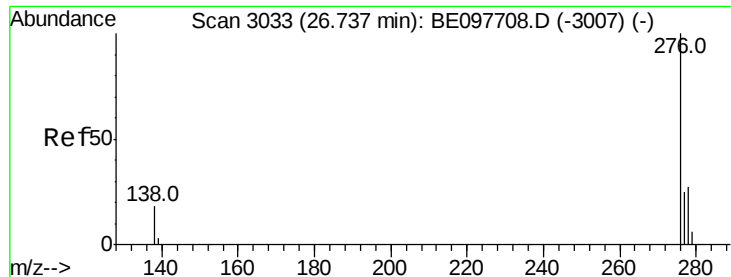


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

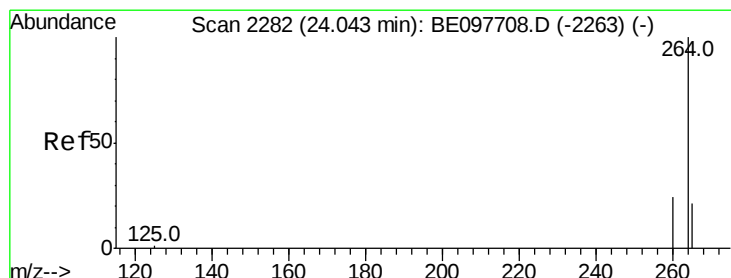
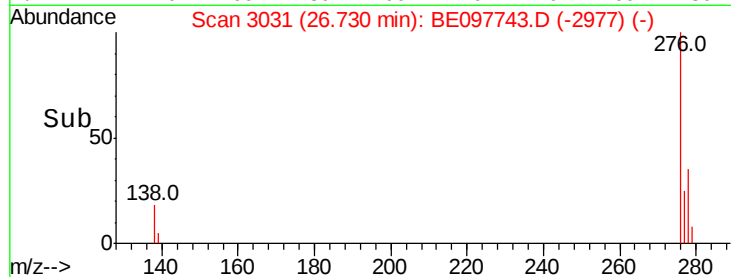
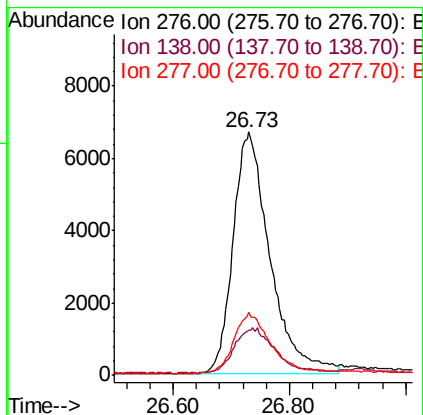
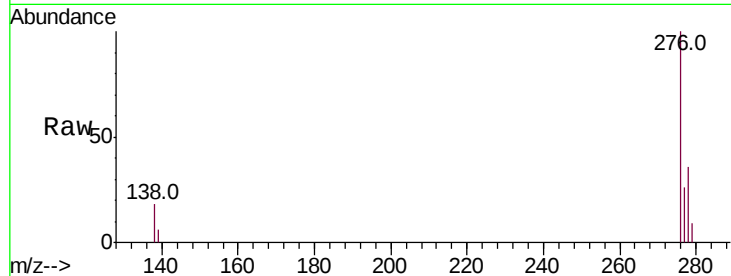




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.377 ng
 RT: 26.73 min Scan# 3031
 Delta R.T. -0.01 min
 Lab File: BE097743.D
 Acq: 5 Oct 2018 2:37

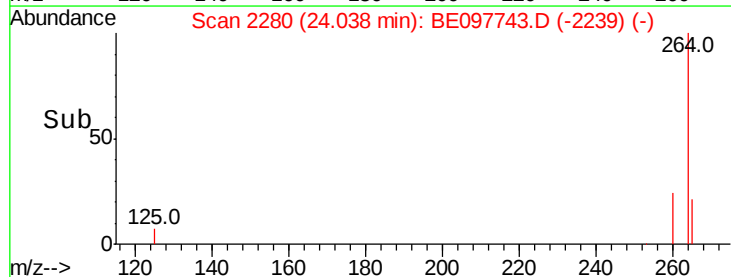
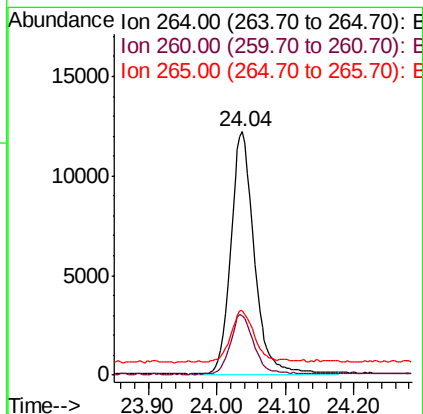
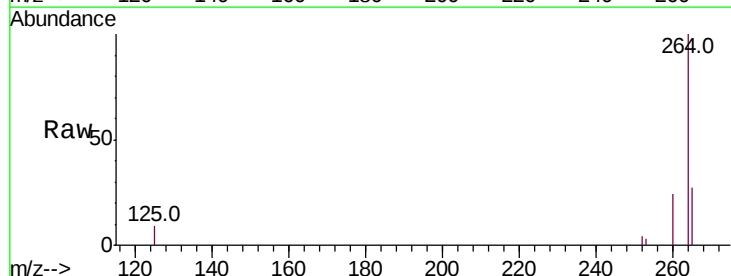
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

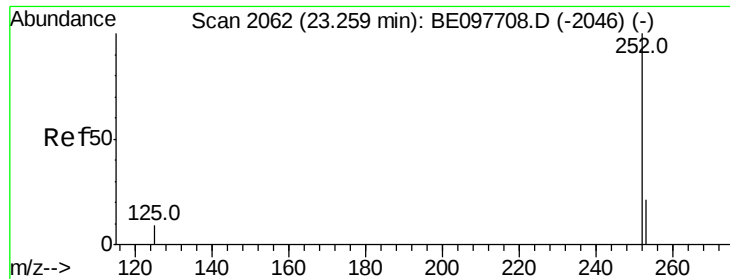
Tot Ion:276 Resp: 29398
 Ion Ratio Lower Upper
 276 100
 138 20.2 15.0 22.6
 277 24.8 19.2 28.8



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.04 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BE097743.D
 Acq: 5 Oct 2018 2:37

Tgt Ion:264 Resp: 29022
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 26.7 21.9 32.9

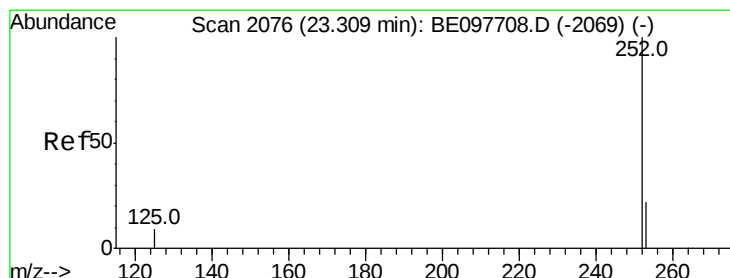
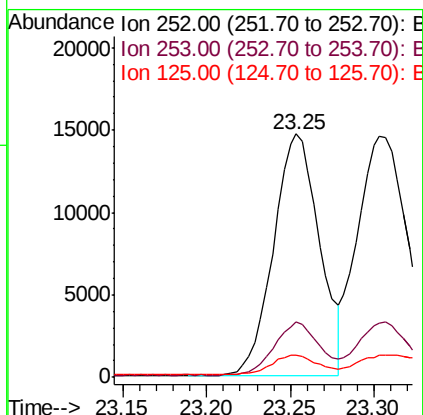
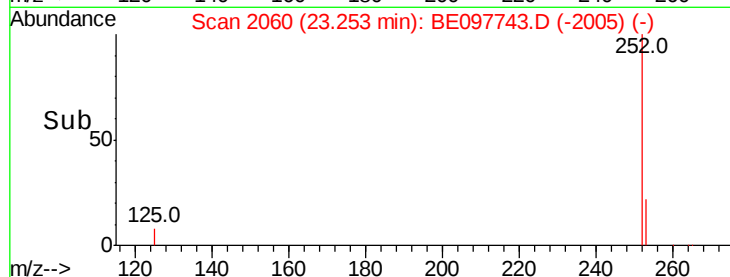
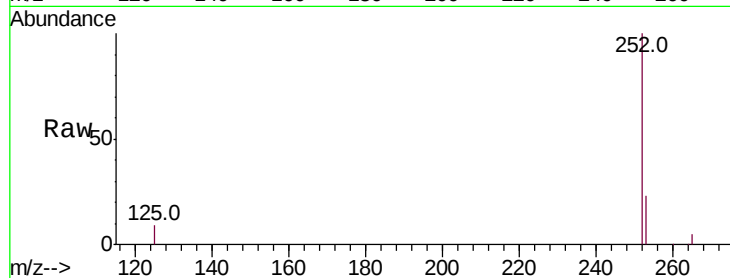




#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 23.25 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BE097743.D
Acq: 5 Oct 2018 2:37

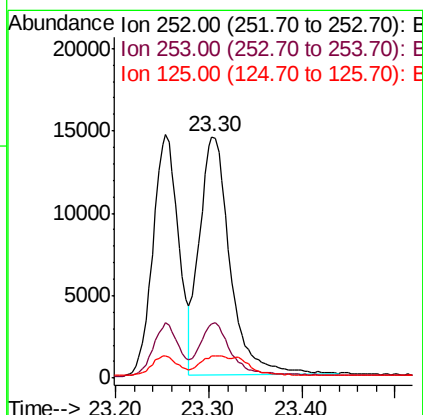
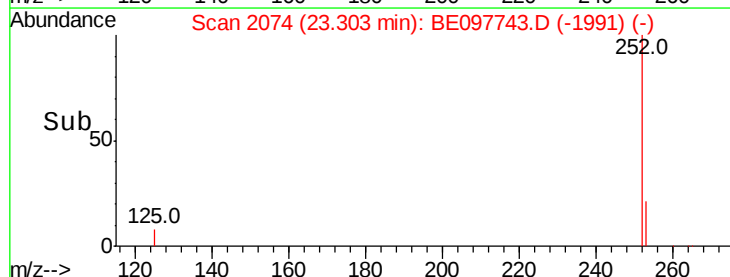
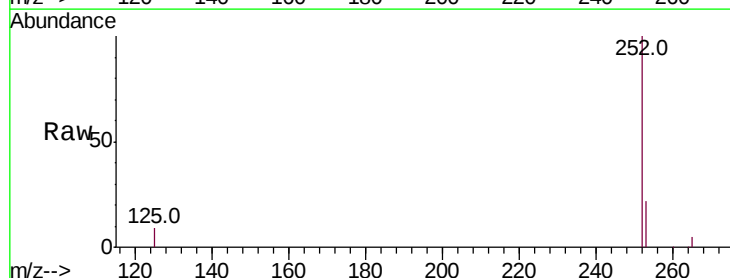
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

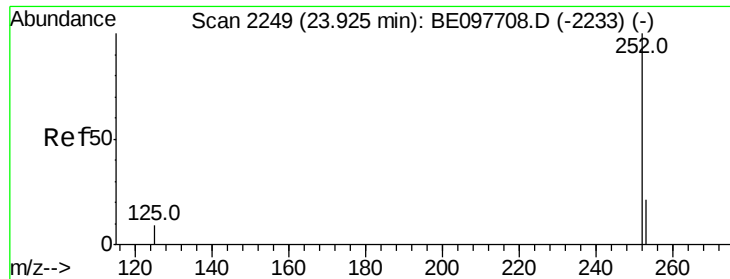
Tot Ion:252 Resp: 28054
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 9.3 7.8 11.8



#36
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 23.30 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE097743.D
Acq: 5 Oct 2018 2:37

Tgt Ion:252 Resp: 32810
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.0 7.5 11.3





#37

Benzo(a)pyrene

Concen: 0.360 ng

RT: 23.92 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

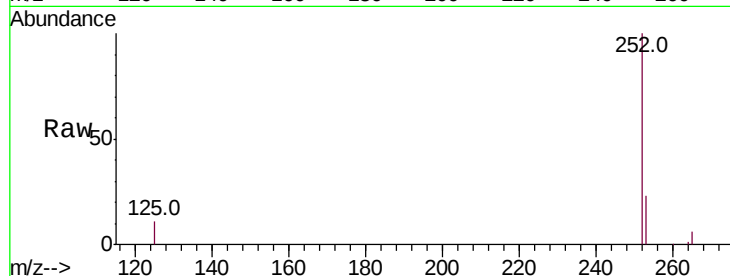
Tot Ion:252 Resp: 25986

Ion Ratio Lower Upper

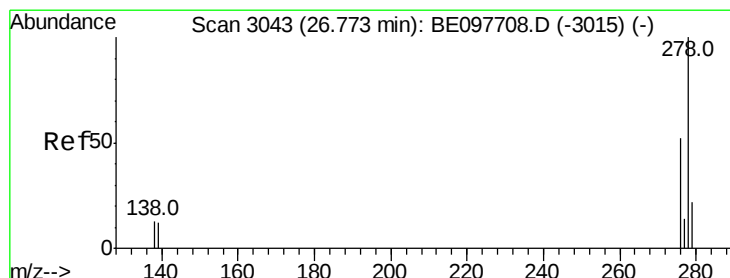
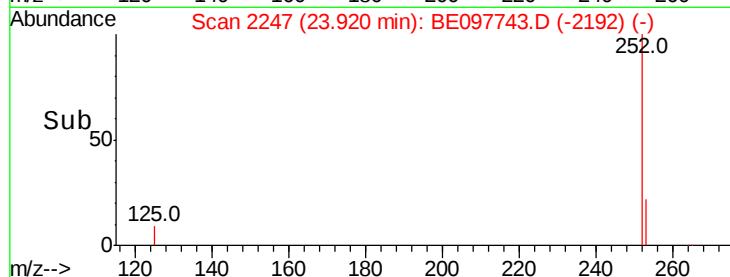
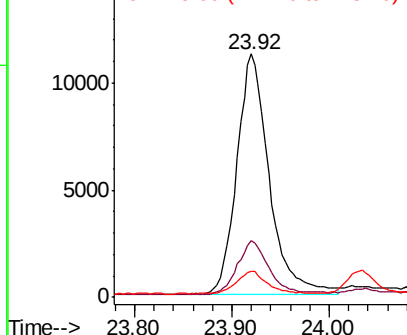
252 100

253 23.1 17.7 26.5

125 10.5 8.3 12.5



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: 0.340 ng

RT: 26.76 min Scan# 3040

Delta R.T. -0.01 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

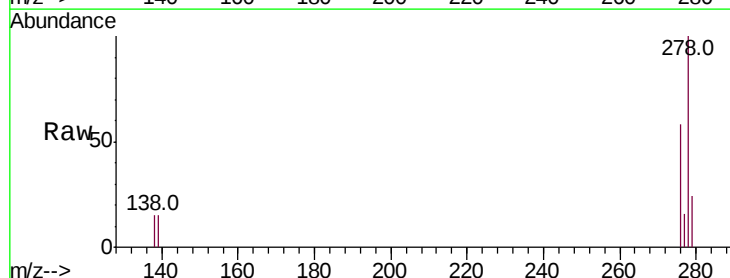
Tgt Ion:278 Resp: 24182

Ion Ratio Lower Upper

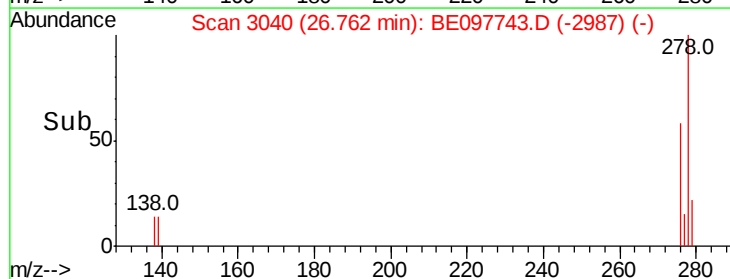
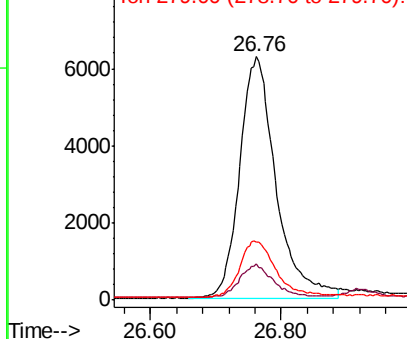
278 100

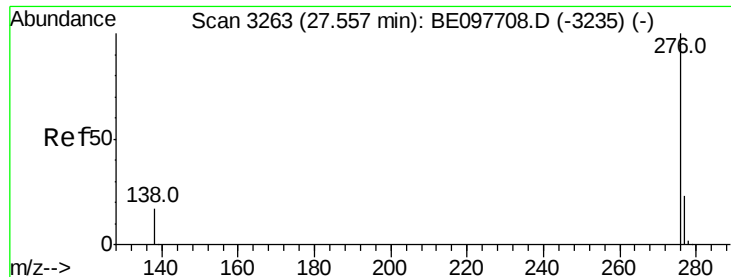
139 15.1 10.3 15.5

279 23.6 18.4 27.6



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: 0.346 ng

RT: 27.55 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BE097743.D

Acq: 5 Oct 2018 2:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

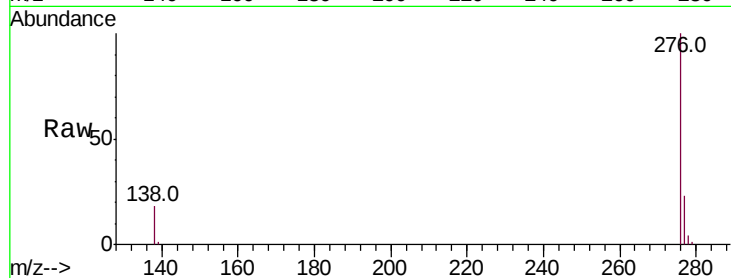
Tot Ion:276 Resp: 25690

Ion Ratio Lower Upper

276 100

277 23.2 19.1 28.7

138 17.9 14.2 21.2



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

