

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE100818\
 Data File : BE097790.D
 Acq On : 8 Oct 2018 12:33
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Oct 09 06:56:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE100318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 06:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	3575	0.40	ng	-0.01
7) Naphthalene-d8	10.69	136	15180	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	8740	0.40	ng	0.00
19) Phenanthrene-d10	17.29	188	24115	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	29221	0.40	ng	-0.01
34) Perylene-d12	24.02	264	26424	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	2879	0.34	ng	-0.01
5) Phenol-d6	7.04	99	4386	0.34	ng	0.00
8) Nitrobenzene-d5	9.04	82	2898	0.59	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	9235	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	620	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.17	172	14378	0.37	ng	-0.02
25) Fluoranthene-d10	19.32	212	111610	0.37	ng	-0.01
29) Terphenyl-d14	19.92	244	24170	0.41	ng	-0.01

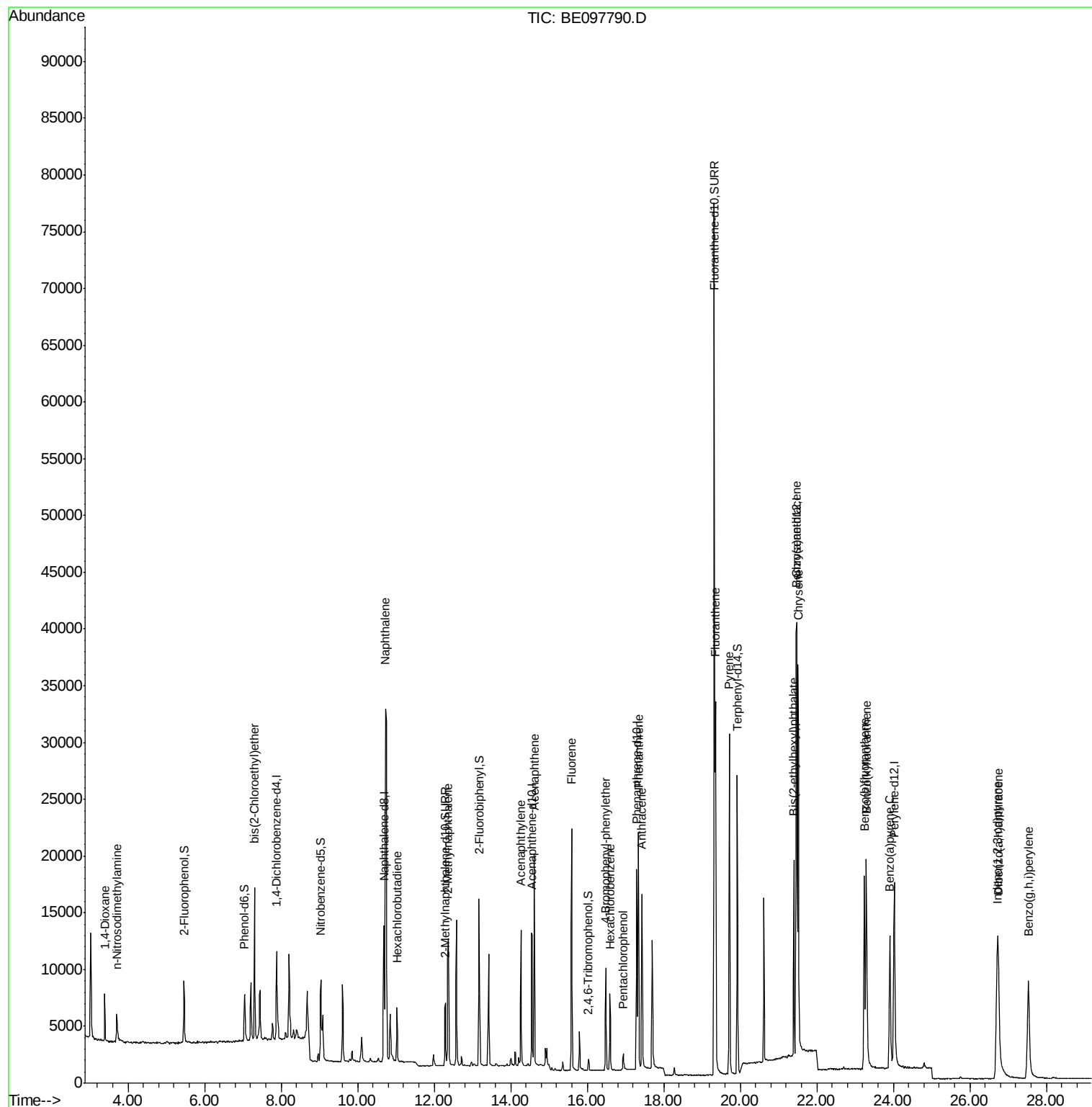
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	2620	0.368	ng	96
3) n-Nitrosodimethylamine	3.70	42	2093	0.323	ng	# 90
6) bis(2-Chloroethyl)ether	7.31	93	5034	0.375	ng	99
9) Naphthalene	10.73	128	57957	0.379	ng	100
10) Hexachlorobutadiene	11.03	225	3180	0.392	ng	98
12) 2-Methylnaphthalene	12.37	142	9239	0.377	ng	98
16) Acenaphthylene	14.27	152	13376	0.346	ng	99
17) Acenaphthene	14.61	154	9422	0.380	ng	98
18) Fluorene	15.59	166	12316	0.374	ng	100
20) 4-Bromophenyl-phenylether	16.49	248	4668	0.369	ng	94
21) Hexachlorobenzene	16.59	284	5279	0.371	ng	98
22) Pentachlorophenol	16.94	266	959	0.430	ng	92
23) Phenanthrene	17.34	178	23537	0.379	ng	99
24) Anthracene	17.42	178	19355	0.361	ng	99
26) Fluoranthene	19.35	202	28986	0.366	ng	99
28) Pyrene	19.72	202	29526	0.398	ng	99
30) Benzo(a)anthracene	21.46	228	27824	0.354	ng	99
31) Chrysene	21.51	228	34390	0.392	ng	99
32) Bis(2-ethylhexyl)phthalate	21.40	149	18655	0.325	ng	99
33) Indeno(1,2,3-cd)pyrene	26.71	276	26340	0.345	ng	99
35) Benzo(b)fluoranthene	23.24	252	25035	0.345	ng	99
36) Benzo(k)fluoranthene	23.30	252	31204	0.388	ng	99
37) Benzo(a)pyrene	23.91	252	22375	0.341	ng	99
38) Dibenzo(a,h)anthracene	26.74	278	21222	0.328	ng	98
39) Benzo(g,h,i)perylene	27.53	276	24204	0.358	ng	100

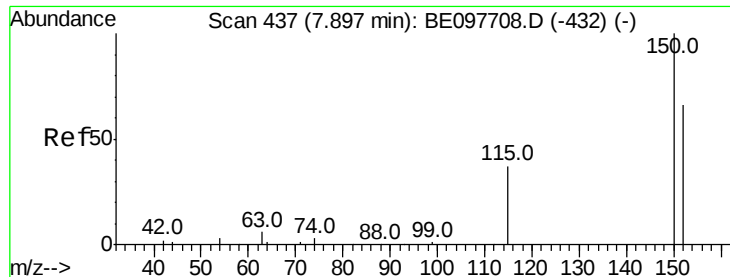
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

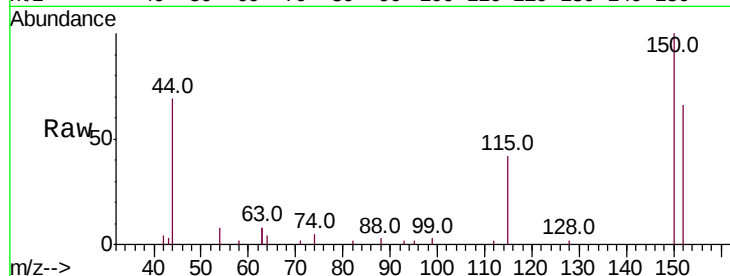
Tot Ion:152 Resp: 3575

Ion Ratio Lower Upper

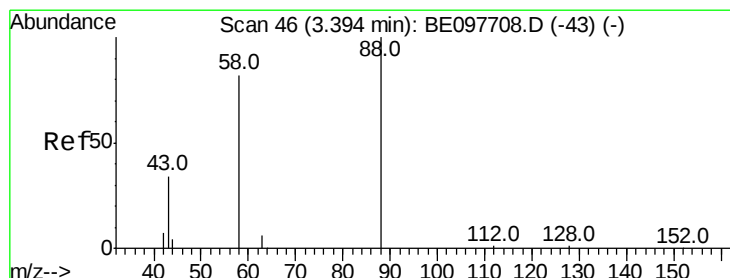
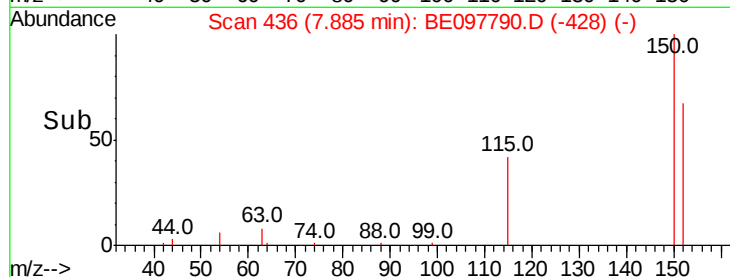
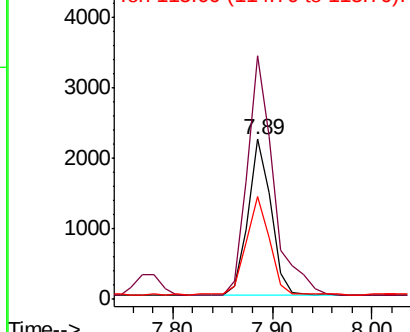
152 100

150 152.4 120.9 181.3

115 64.1 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: 0.368 ng

RT: 3.39 min Scan# 46

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

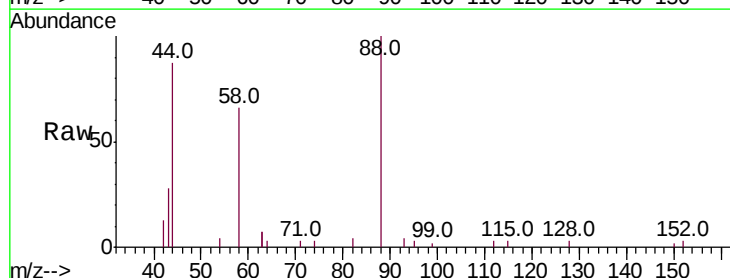
Tgt Ion: 88 Resp: 2620

Ion Ratio Lower Upper

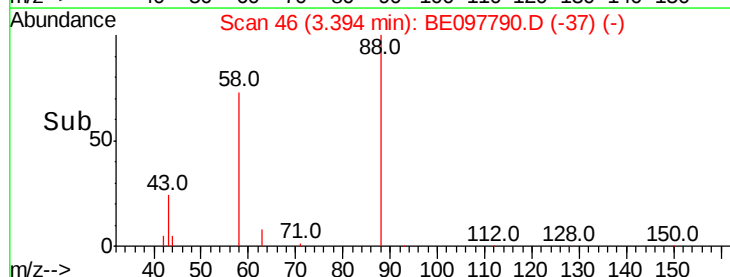
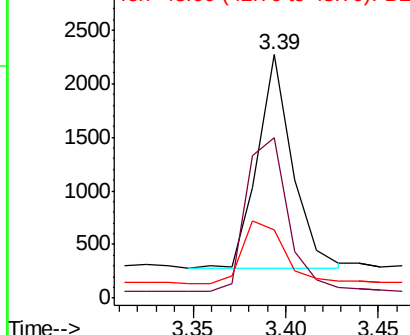
88 100

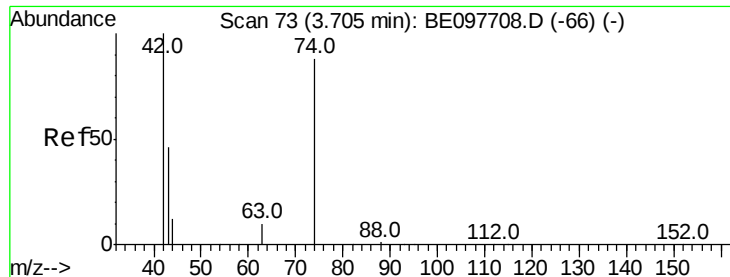
58 87.9 70.8 106.2

43 34.8 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: 0.323 ng

RT: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

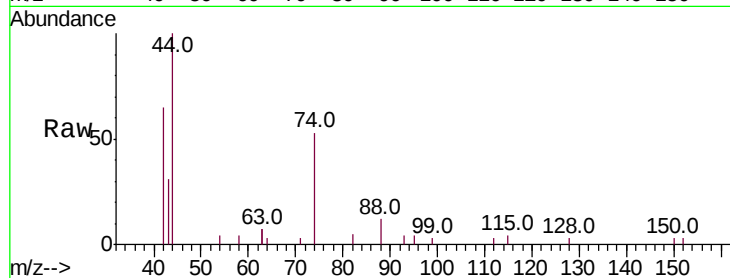
Tot Ion: 42 Resp: 2093

Ion Ratio Lower Upper

42 100

74 92.0 70.7 106.1

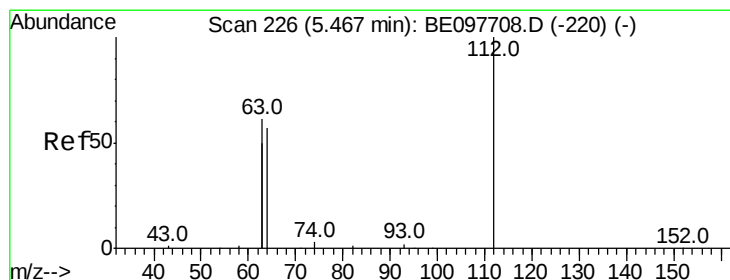
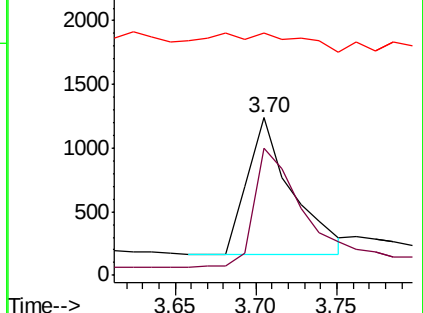
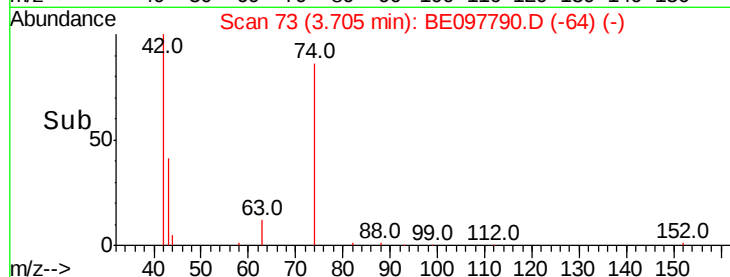
44 0.0 15.0 22.4#



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: 0.340 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

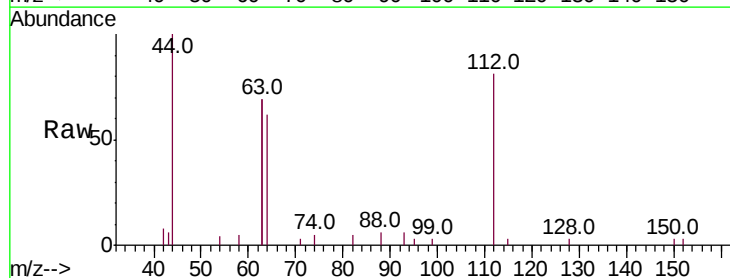
Tgt Ion: 112 Resp: 2879

Ion Ratio Lower Upper

112 100

64 69.0 56.6 84.8

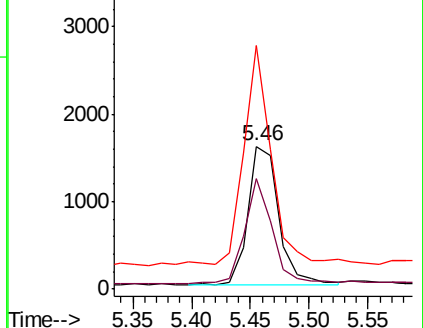
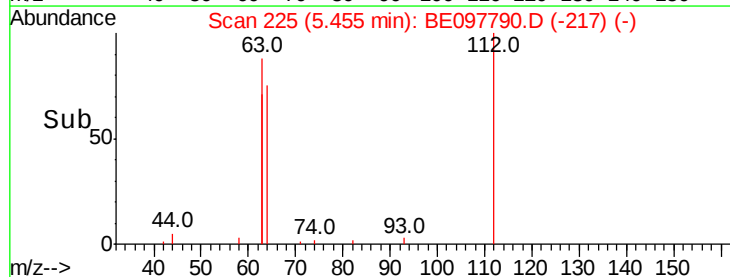
63 144.3 119.4 179.0

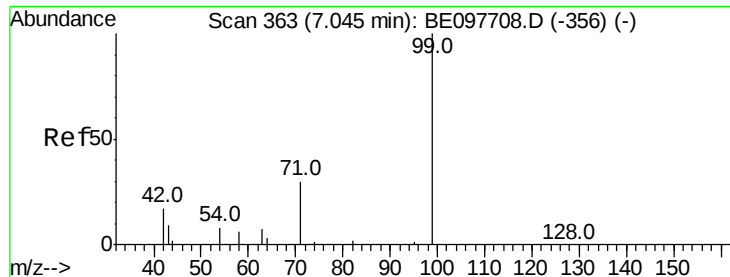


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.338 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

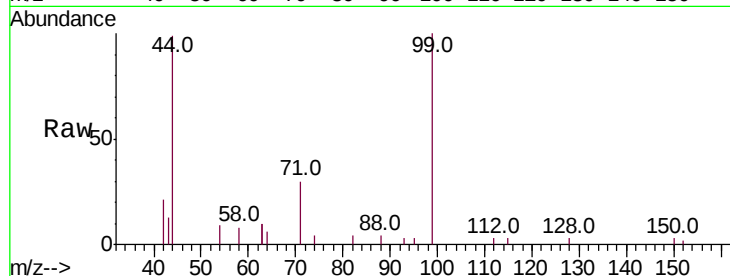
Tot Ion: 99 Resp: 4386

Ion Ratio Lower Upper

99 100

42 27.5 19.9 29.9

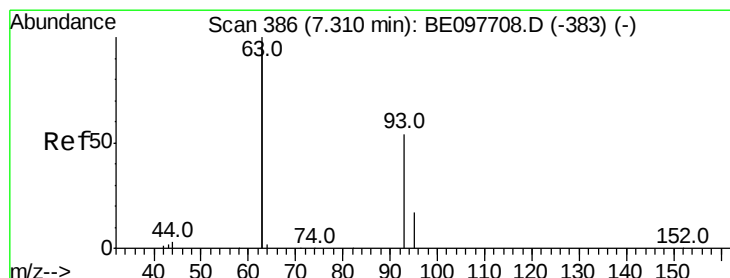
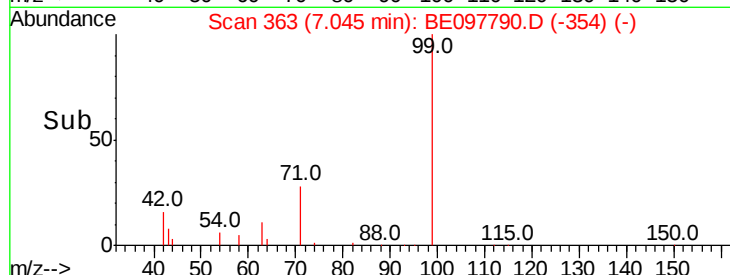
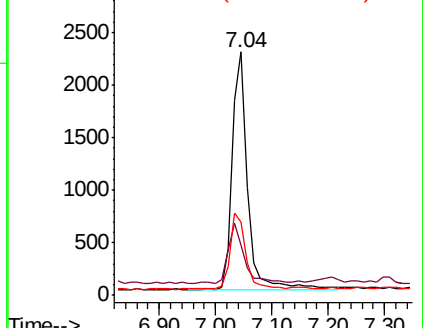
71 31.9 25.4 38.2



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: 0.375 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

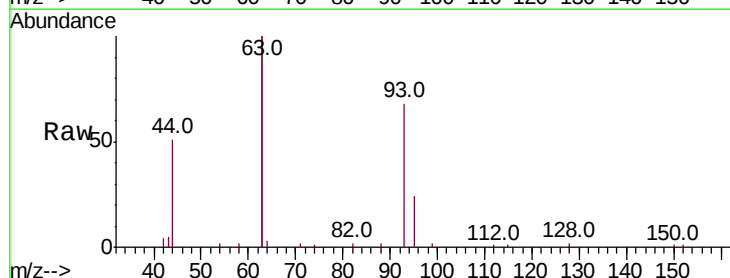
Tgt Ion: 93 Resp: 5034

Ion Ratio Lower Upper

93 100

63 330.9 266.9 400.3

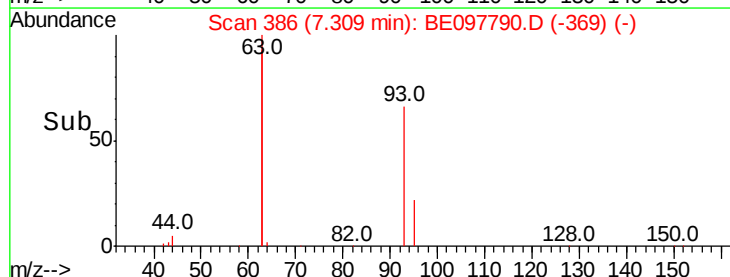
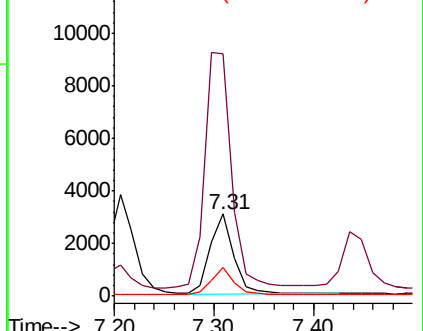
95 31.8 26.2 39.2

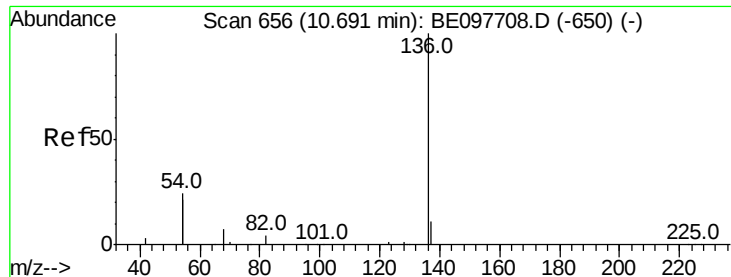


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 15180

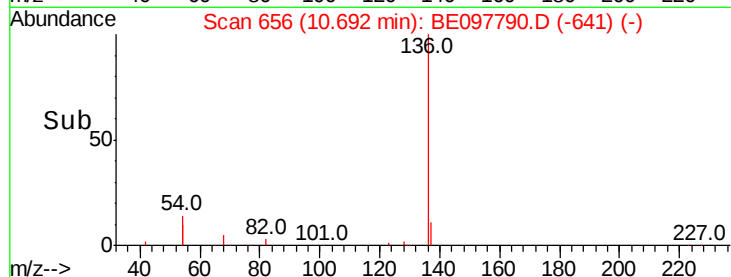
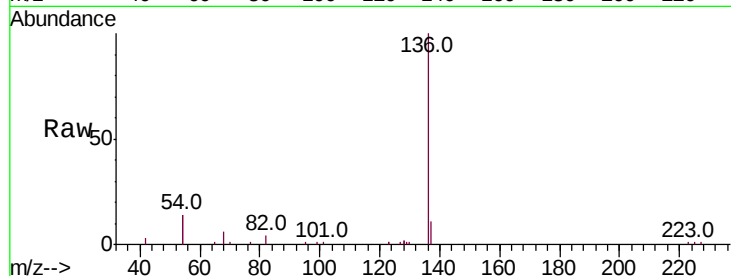
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 27.6 37.8 56.6#

68 5.6 6.4 9.6#

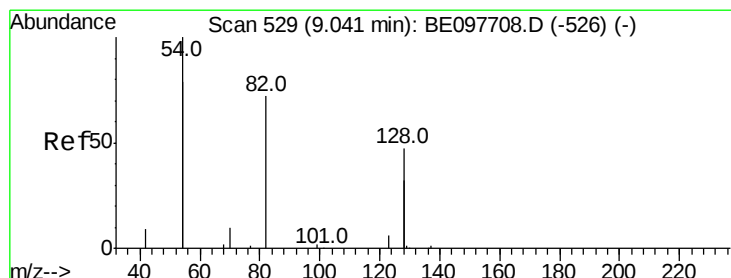
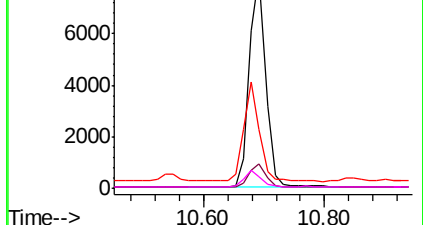


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.588 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

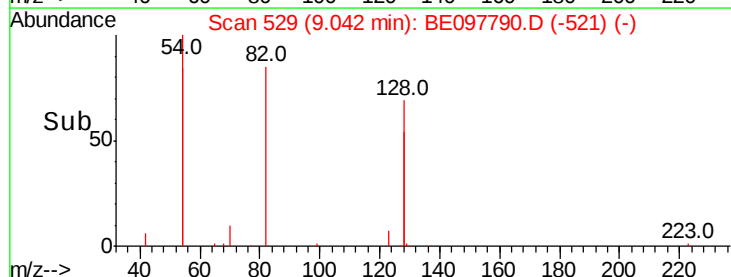
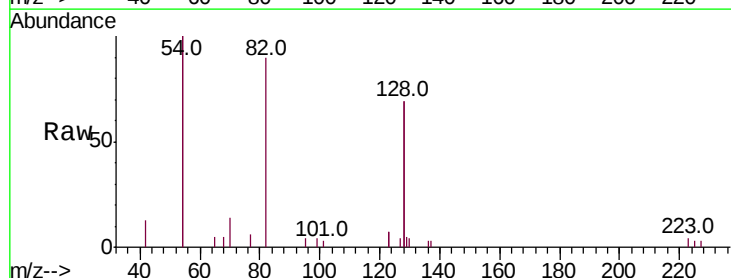
Tgt Ion: 82 Resp: 2898

Ion Ratio Lower Upper

82 100

128 153.5 97.0 145.4#

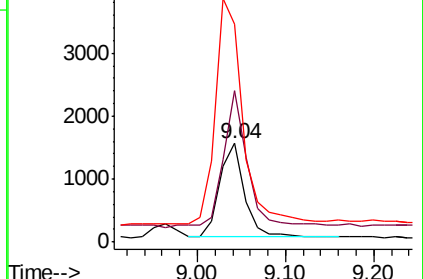
54 222.2 206.9 310.3

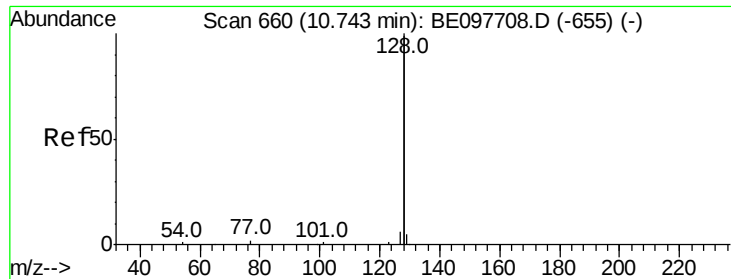


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

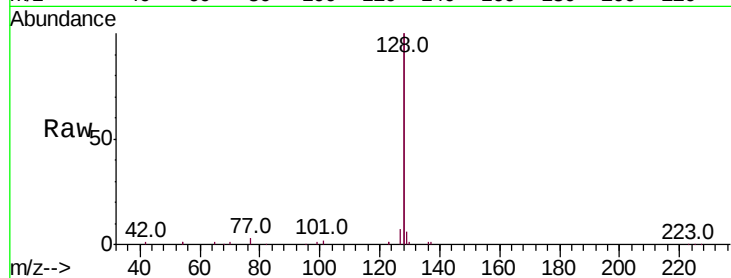
Tot Ion:128 Resp: 57957

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.2

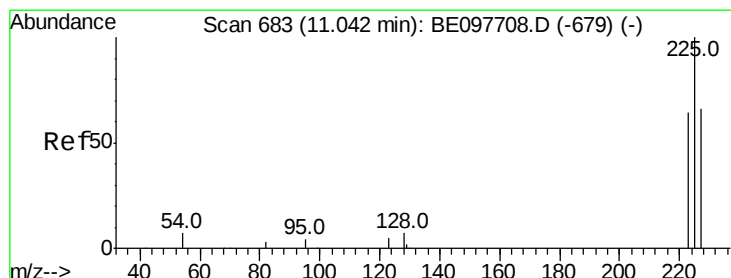
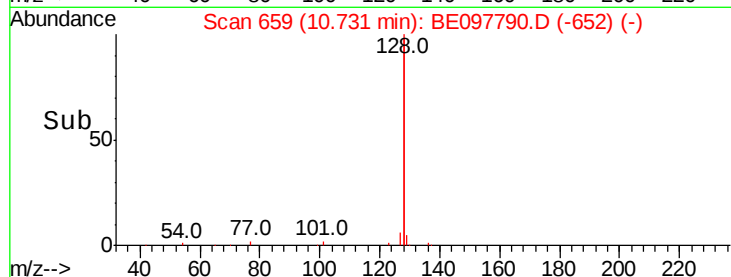
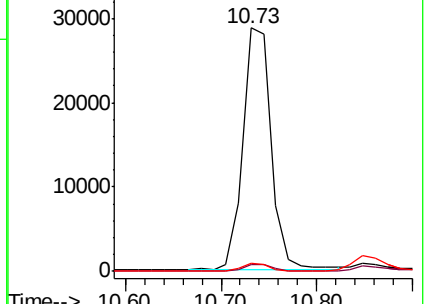
127 3.3 2.7 4.1



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: 0.392 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

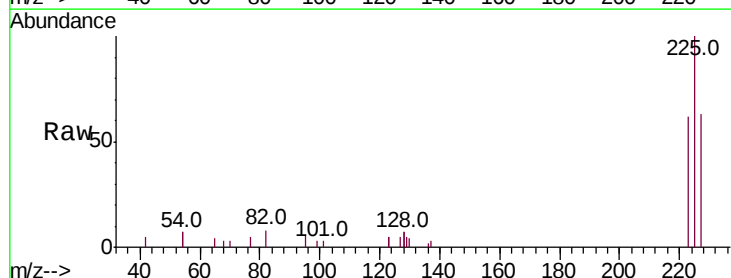
Tgt Ion:225 Resp: 3180

Ion Ratio Lower Upper

225 100

223 62.5 52.2 78.4

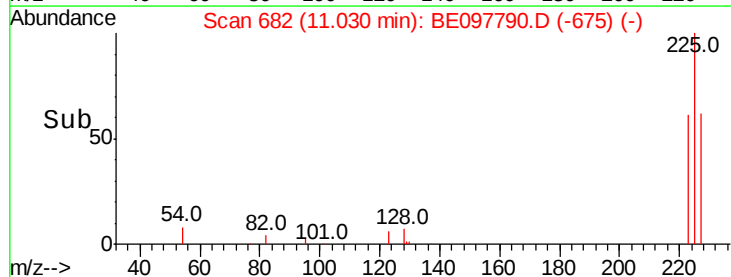
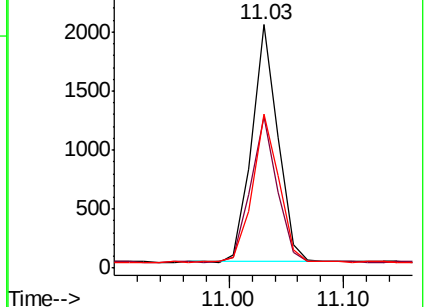
227 63.2 51.2 76.8

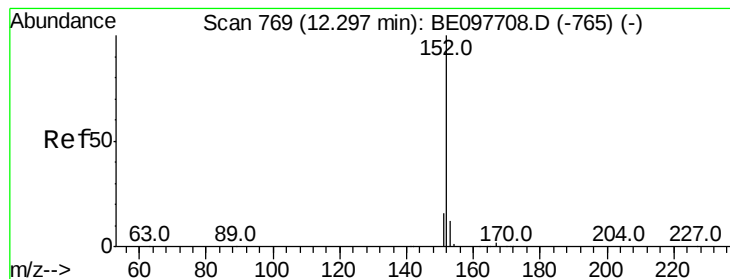


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.382 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

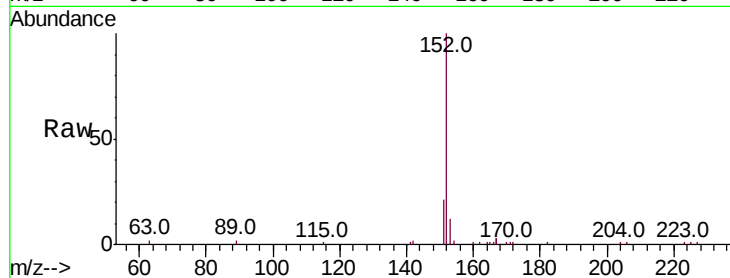
SSTDCCC0.4

Tot Ion:152 Resp: 9235

Ion Ratio Lower Upper

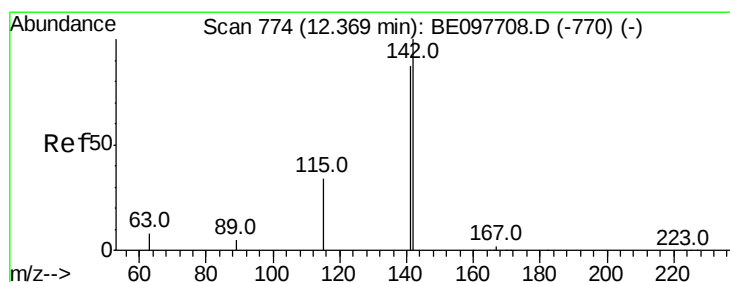
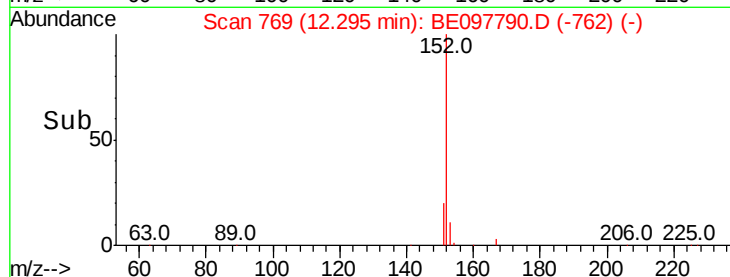
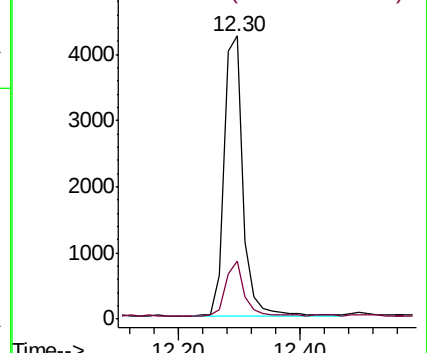
152 100

151 18.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.377 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

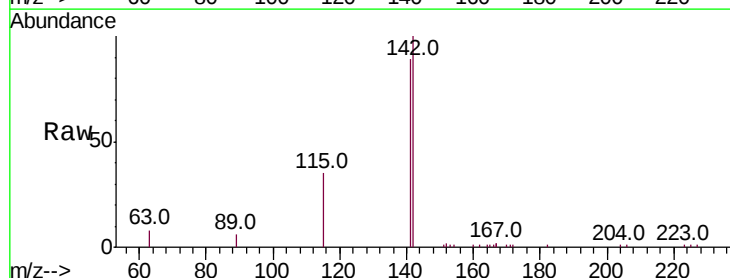
Tgt Ion:142 Resp: 9239

Ion Ratio Lower Upper

142 100

141 88.5 69.4 104.2

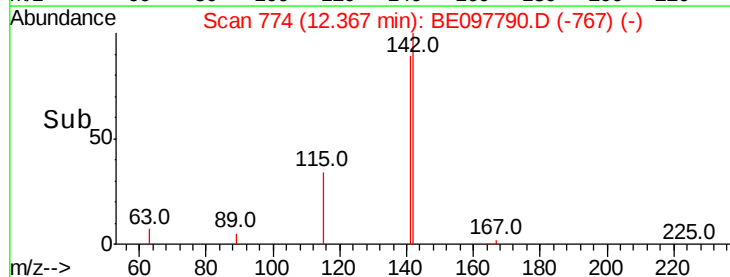
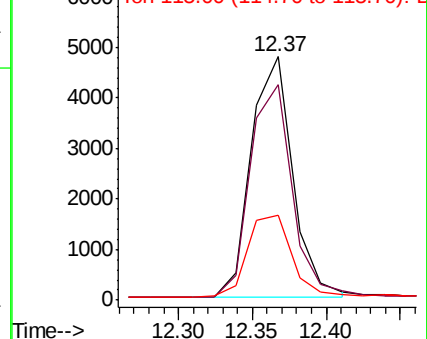
115 34.6 28.0 42.0

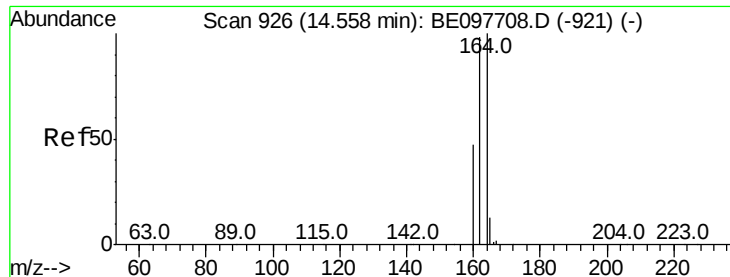


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

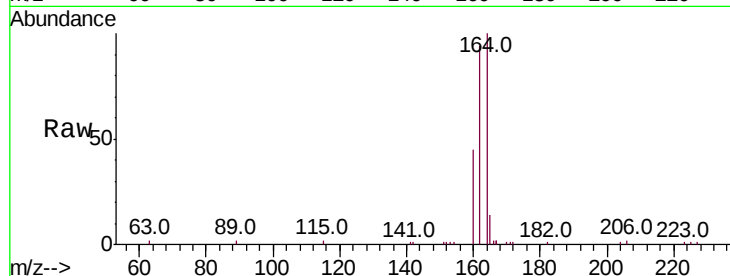
Tot Ion:164 Resp: 8740

Ion Ratio Lower Upper

164 100

162 94.0 78.6 117.8

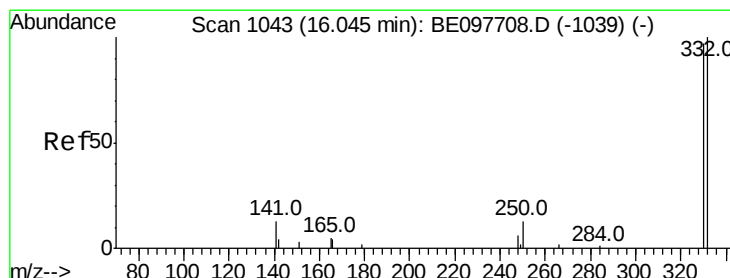
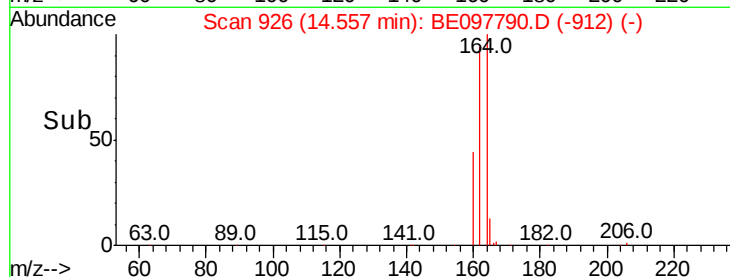
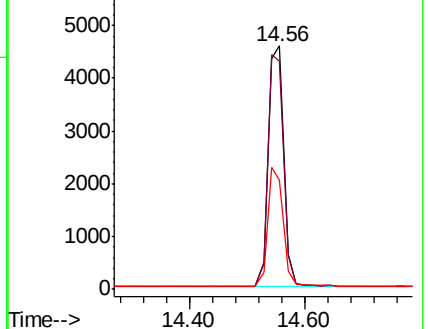
160 44.9 37.8 56.6



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: 0.391 ng

RT: 16.03 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

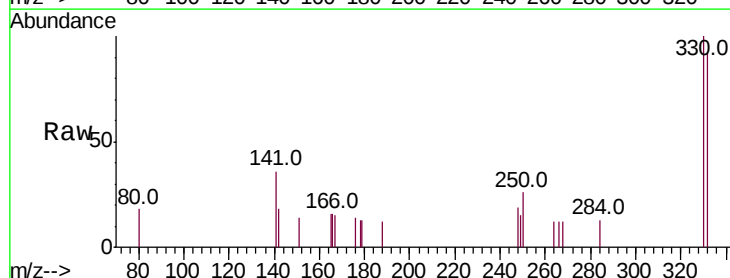
Tgt Ion:330 Resp: 620

Ion Ratio Lower Upper

330 100

332 95.0 83.5 125.3

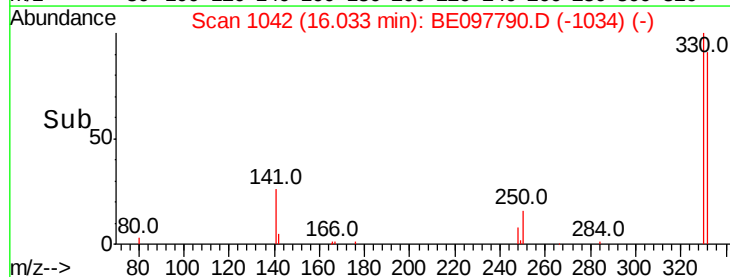
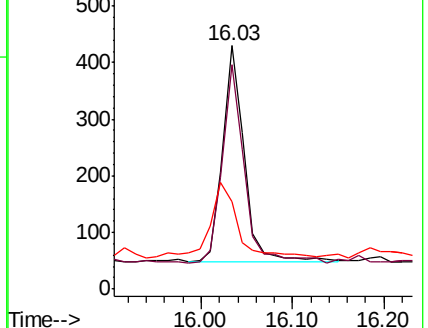
141 41.5 34.9 52.3

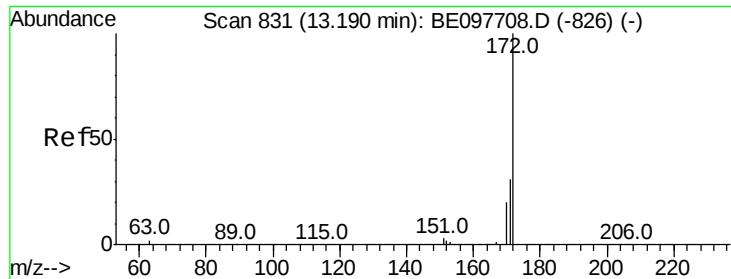


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

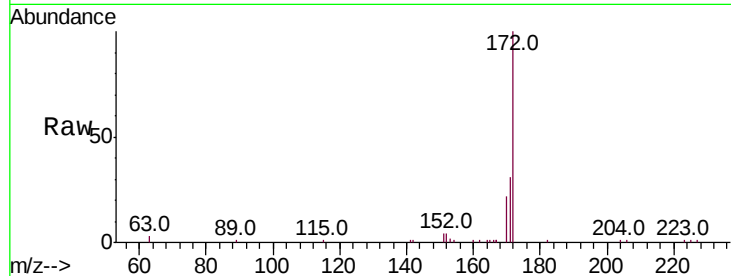




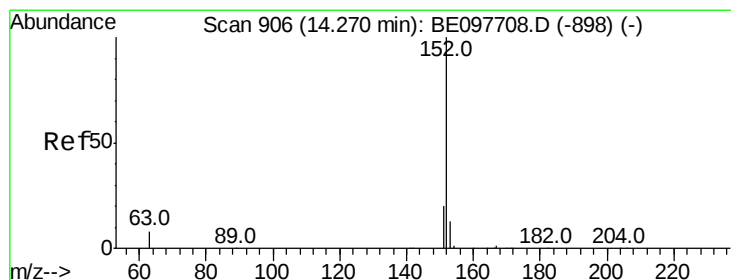
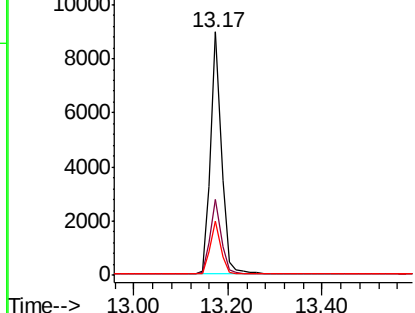
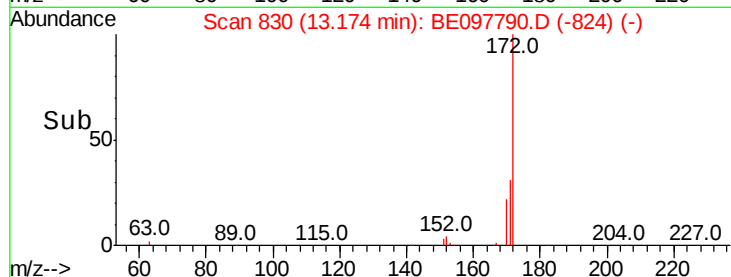
#15
 2-Fluorobiphenyl
 Concen: 0.374 ng
 RT: 13.17 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BE097790.D
 Acq: 8 Oct 2018 12:33

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

Tot Ion:172 Resp: 14378
 Ion Ratio Lower Upper
 172 100
 171 31.0 25.2 37.8
 170 22.3 16.2 24.2

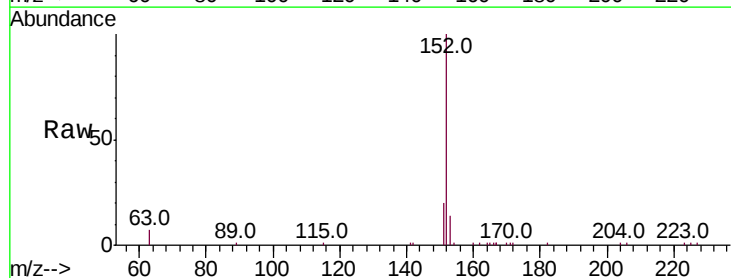


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

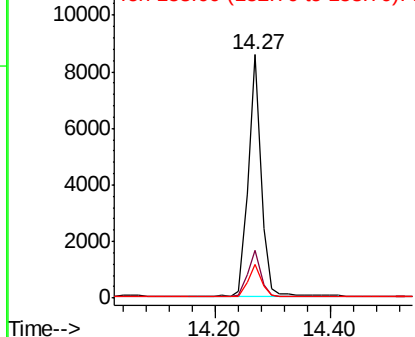
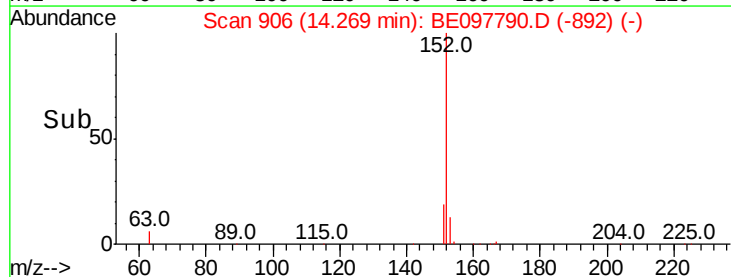


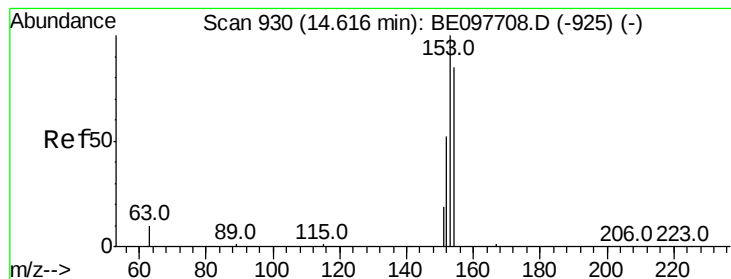
#16
 Acenaphthylene
 Concen: 0.346 ng
 RT: 14.27 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BE097790.D
 Acq: 8 Oct 2018 12:33

Tgt Ion:152 Resp: 13376
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.3 22.9
 153 13.8 10.8 16.2



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: 0.380 ng

RT: 14.61 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

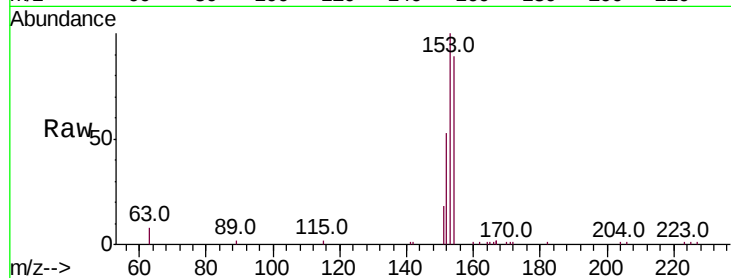
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:154 Resp: 9422

Ion	Ratio	Lower	Upper
154	100		
153	113.8	93.3	139.9
152	60.4	48.9	73.3

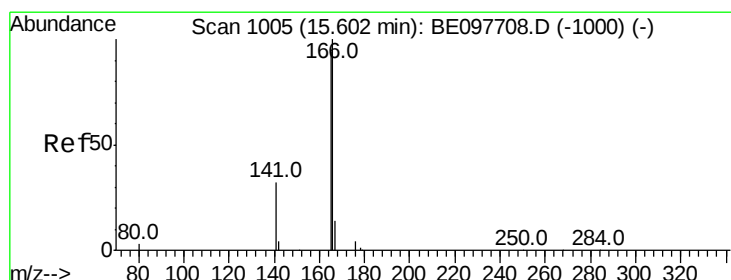
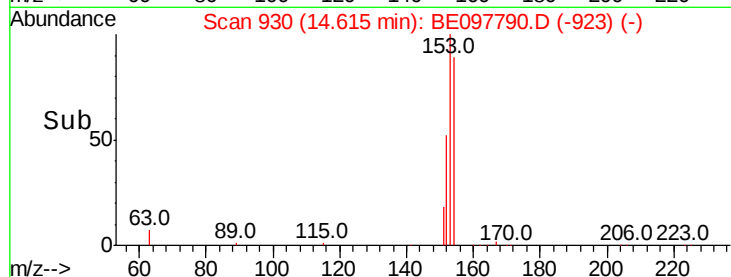
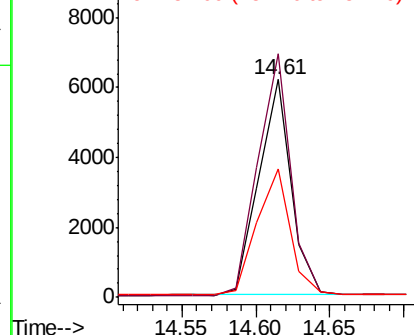


Abundance

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: 0.374 ng

RT: 15.59 min Scan# 1004

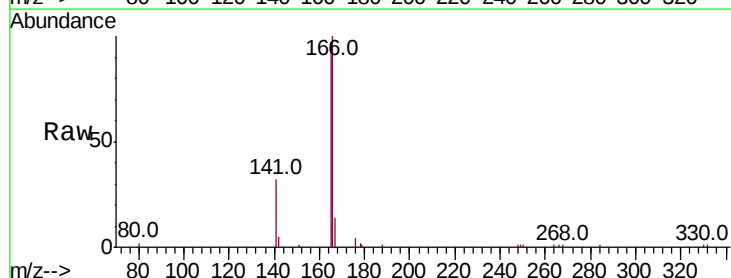
Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Tgt Ion:166 Resp: 12316

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	12.8	11.1	16.7

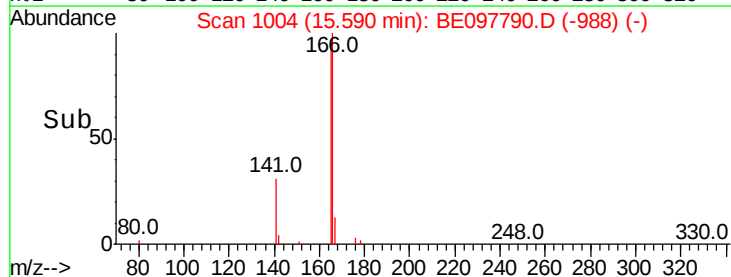
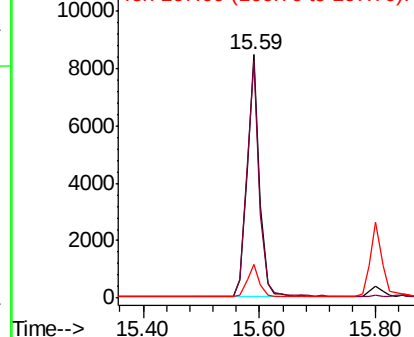


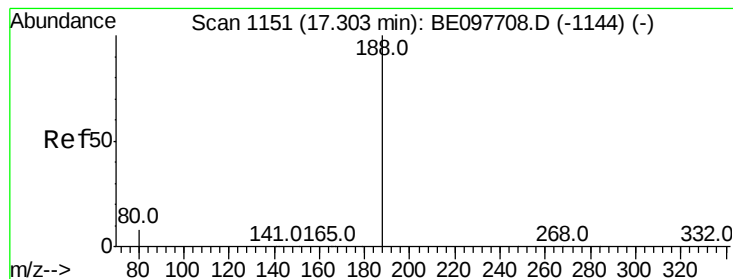
Abundance

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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

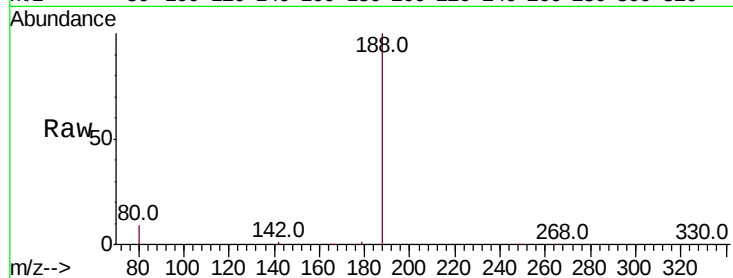
Tot Ion:188 Resp: 24115

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

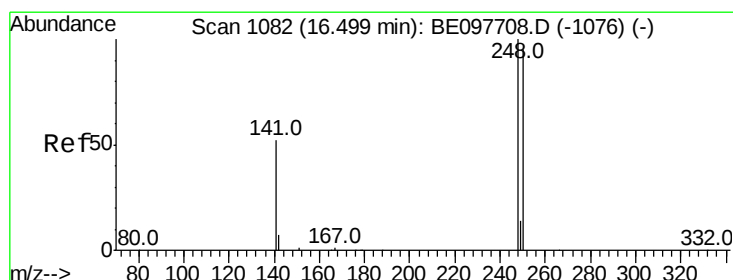
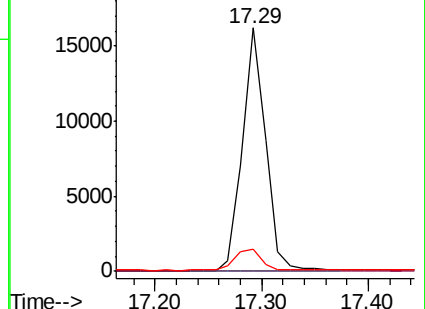
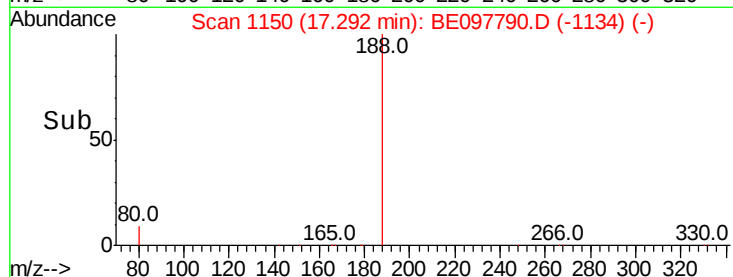
80 9.2 6.6 9.8



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: 0.369 ng

RT: 16.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

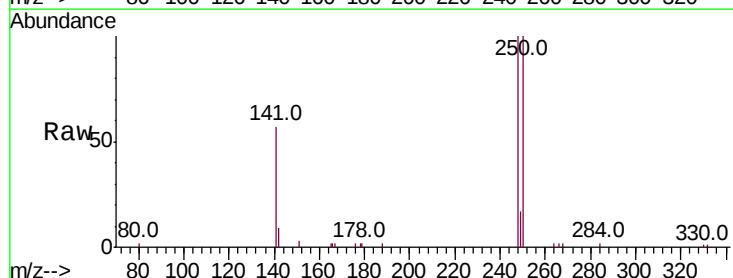
Tgt Ion:248 Resp: 4668

Ion Ratio Lower Upper

248 100

250 100.2 76.1 114.1

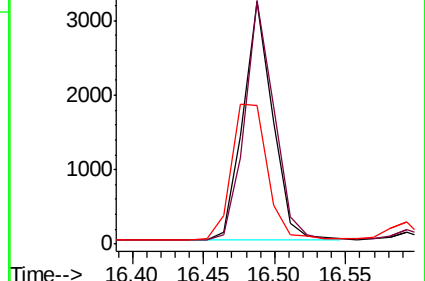
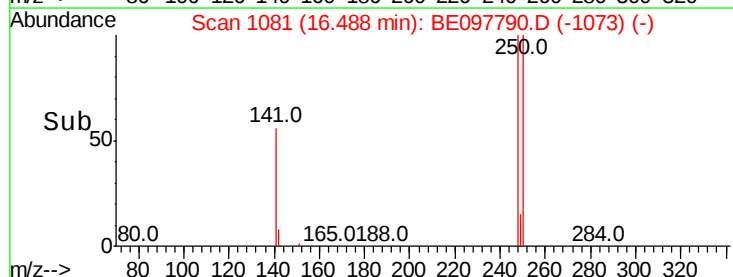
141 57.3 42.2 63.4

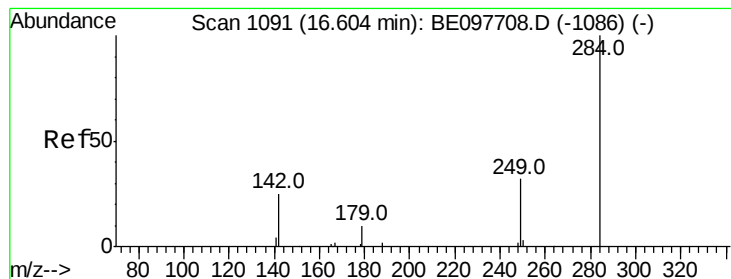


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.371 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

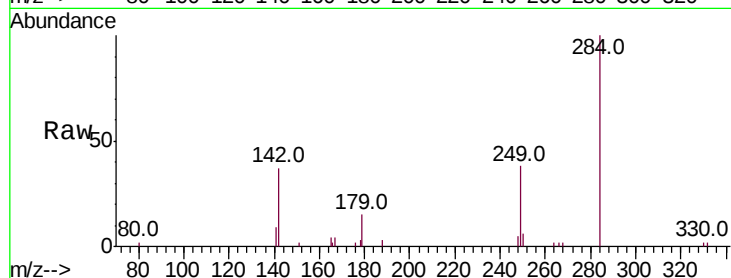
Tot Ion:284 Resp: 5279

Ion Ratio Lower Upper

284 100

142 32.7 24.9 37.3

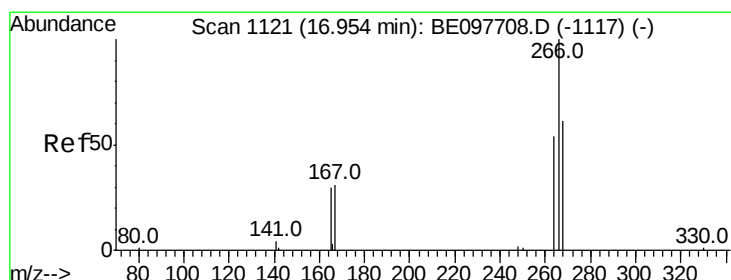
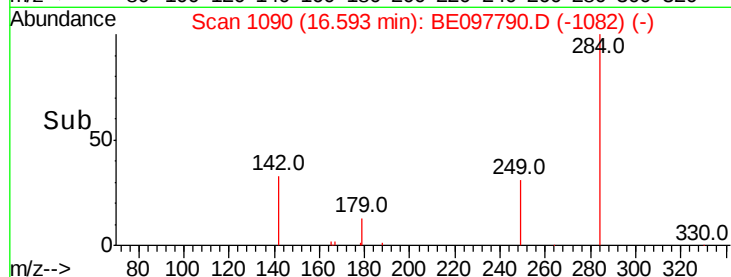
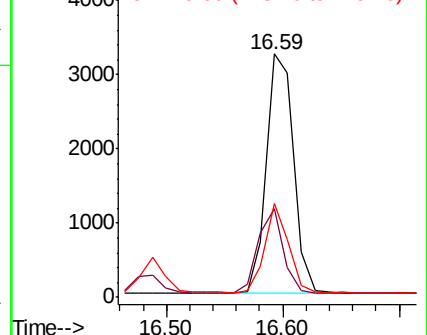
249 31.8 25.8 38.8



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: 0.430 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

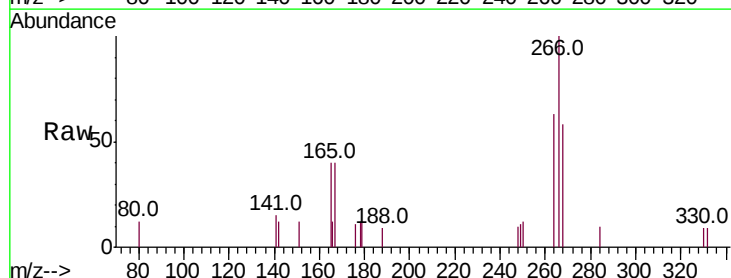
Tgt Ion:266 Resp: 959

Ion Ratio Lower Upper

266 100

264 62.8 46.8 70.2

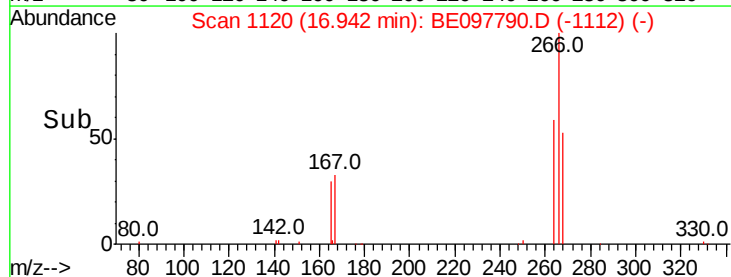
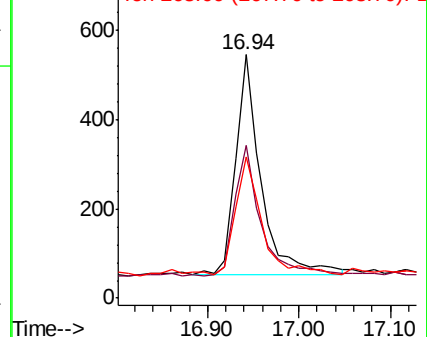
268 58.1 53.0 79.6

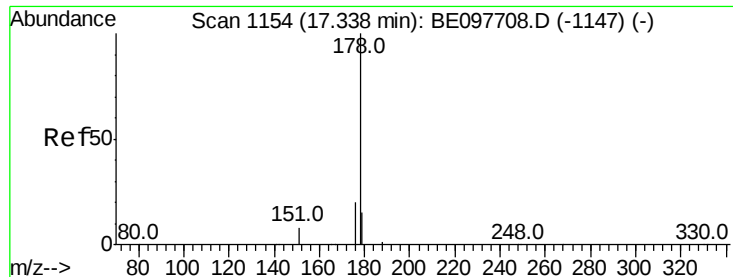


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

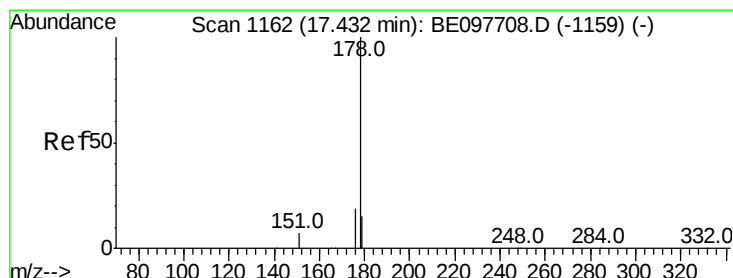
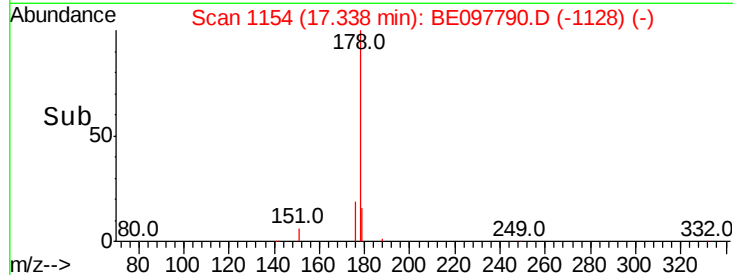
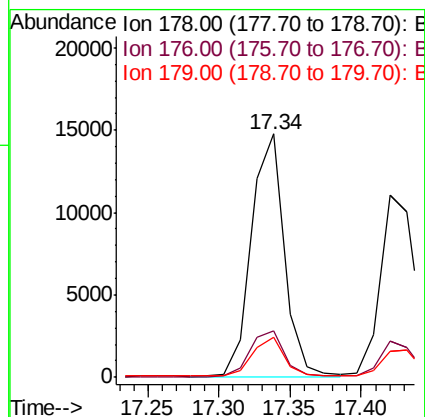
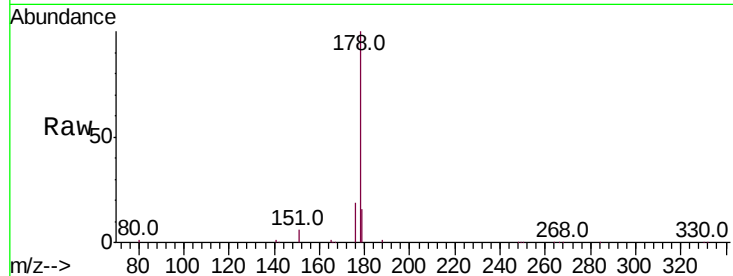




#23
Phenanthrene
Concen: 0.379 ng
RT: 17.34 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

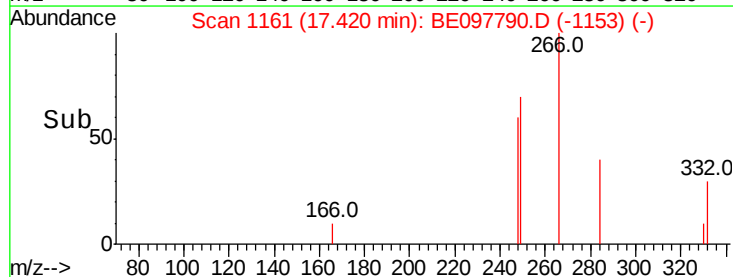
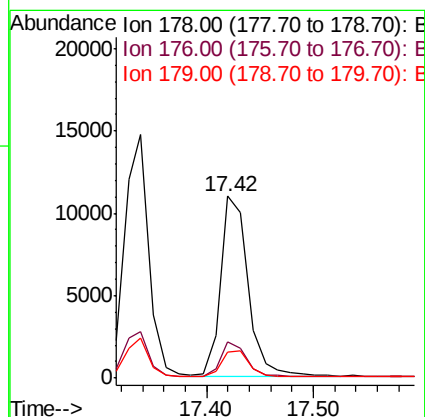
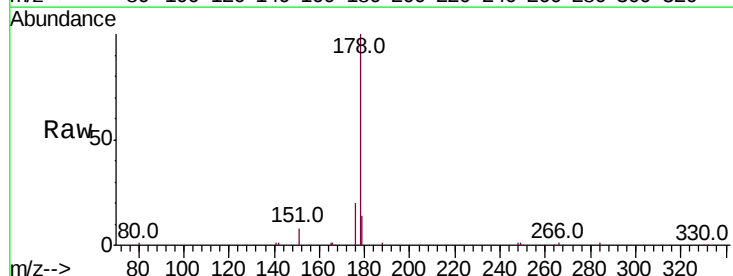
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

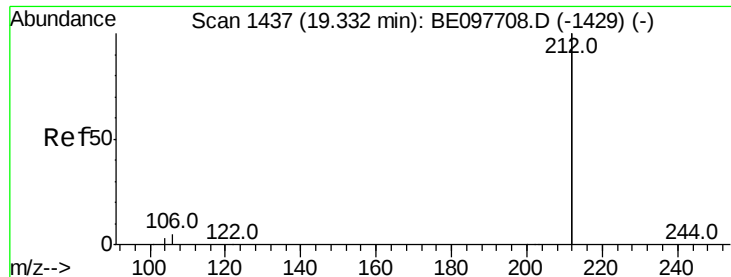
Tot Ion:178 Resp: 23537
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.2 18.4



#24
Anthracene
Concen: 0.361 ng
RT: 17.42 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:178 Resp: 19355
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 14.6 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

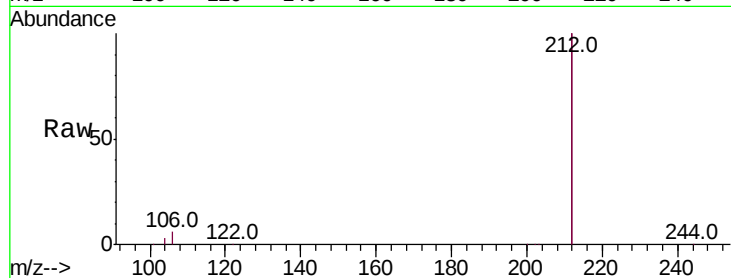
Tot Ion:212 Resp: 111610

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

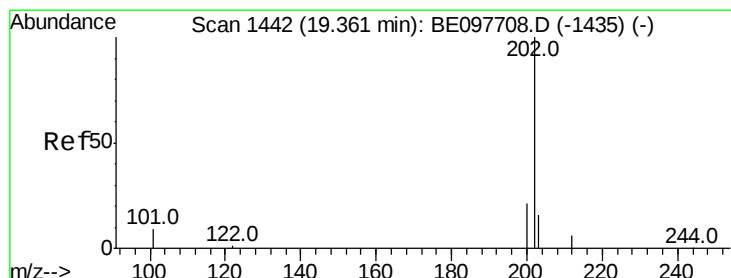
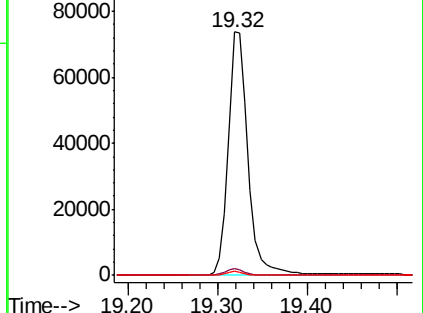
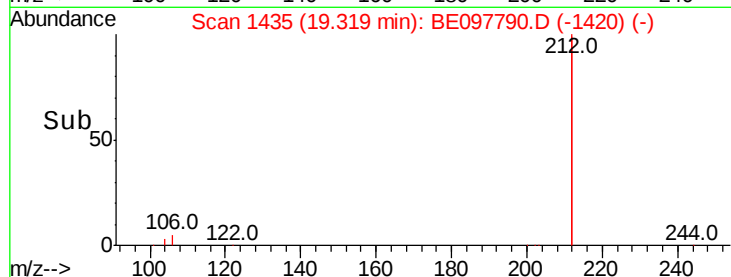
104 1.5 1.2 1.8



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: 0.366 ng

RT: 19.35 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

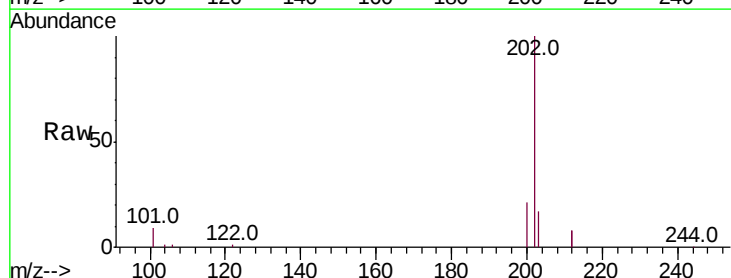
Tgt Ion:202 Resp: 28986

Ion Ratio Lower Upper

202 100

101 10.1 7.8 11.8

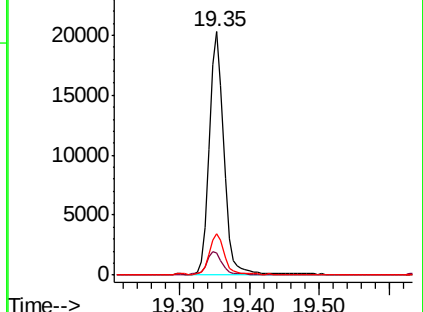
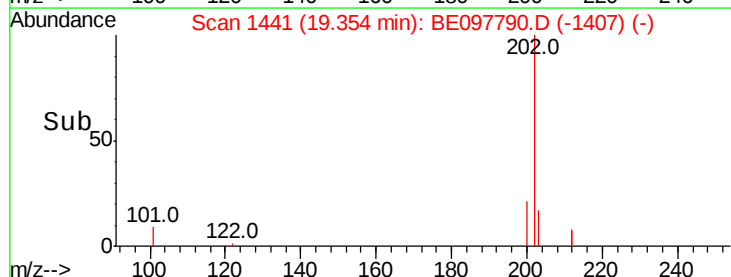
203 16.8 13.8 20.6

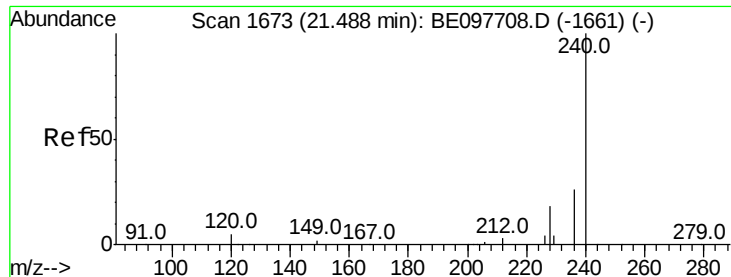


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.47 min Scan# 1672

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

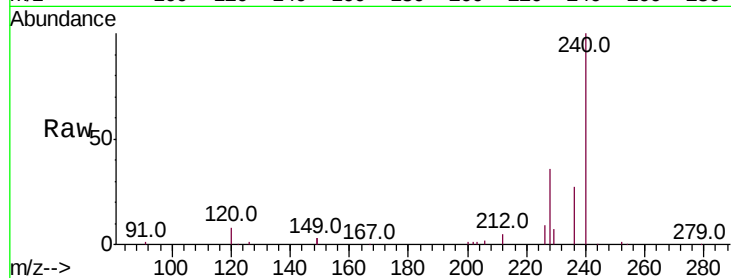
Tot Ion:240 Resp: 29221

Ion Ratio Lower Upper

240 100

120 8.5 4.7 7.1#

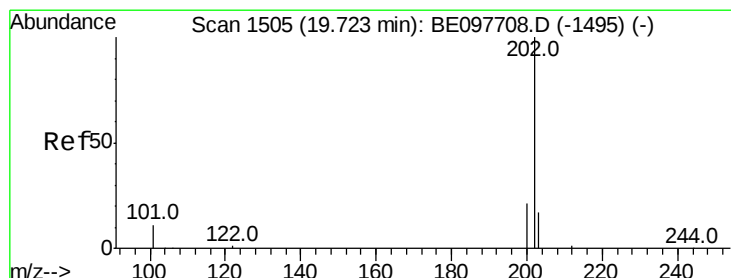
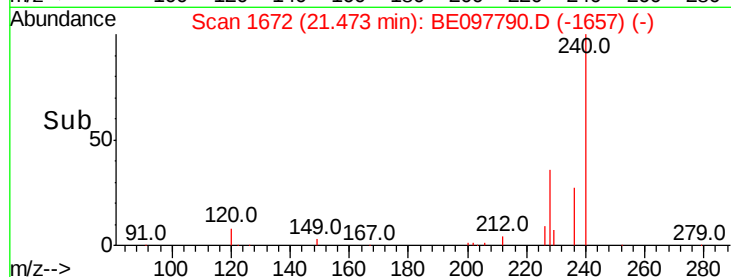
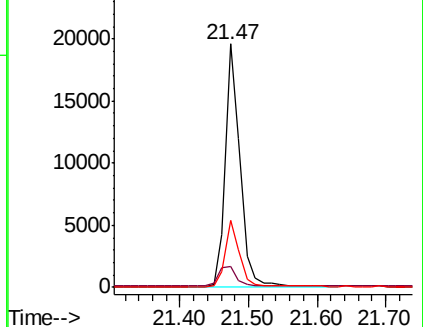
236 27.3 20.8 31.2



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: 0.398 ng

RT: 19.72 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

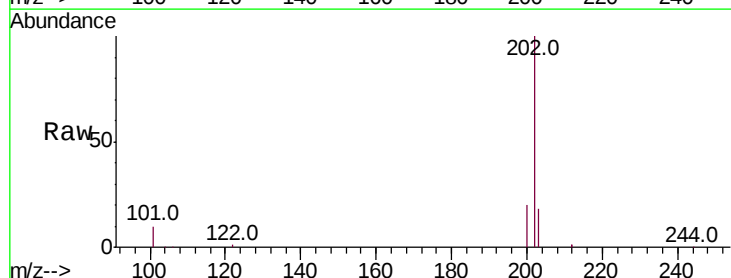
Tgt Ion:202 Resp: 29526

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

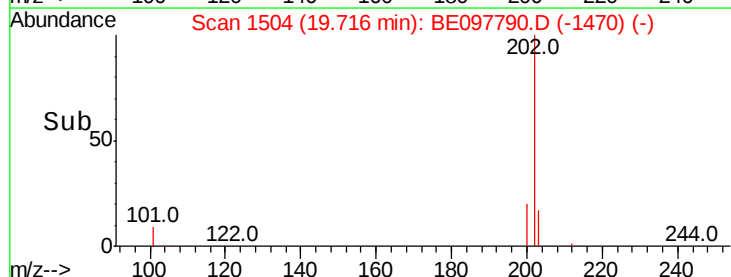
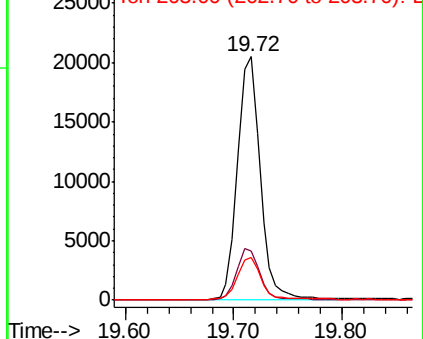
203 17.8 13.9 20.9

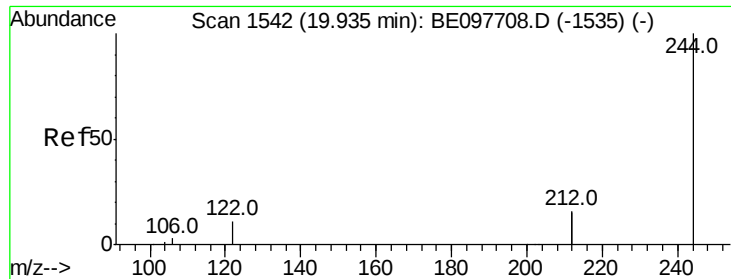


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.92 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

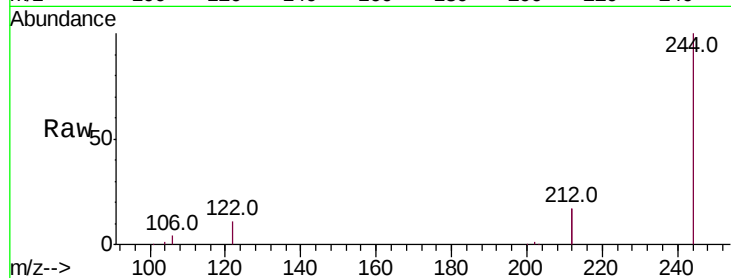
Tot Ion:244 Resp: 24170

Ion Ratio Lower Upper

244 100

212 33.3 25.8 38.8

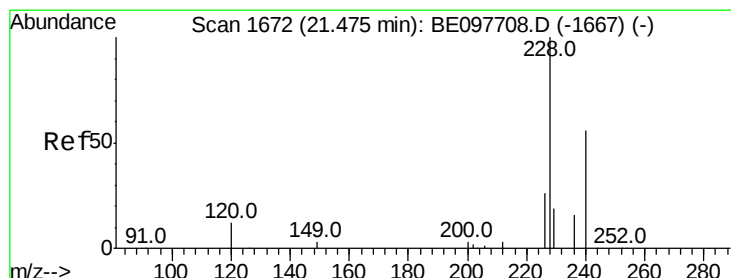
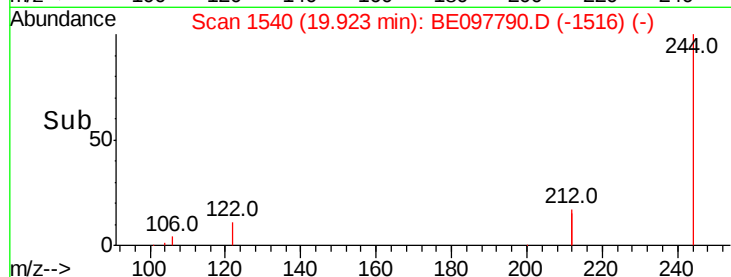
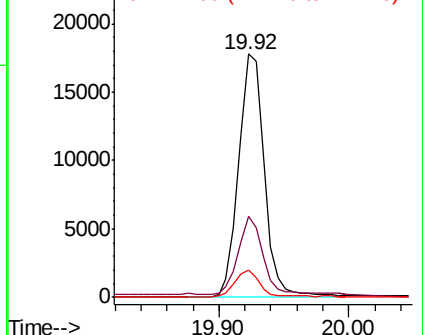
122 11.4 8.7 13.1



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: 0.354 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

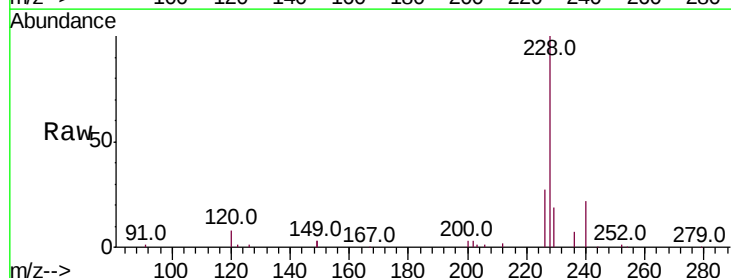
Tgt Ion:228 Resp: 27824

Ion Ratio Lower Upper

228 100

226 26.6 20.7 31.1

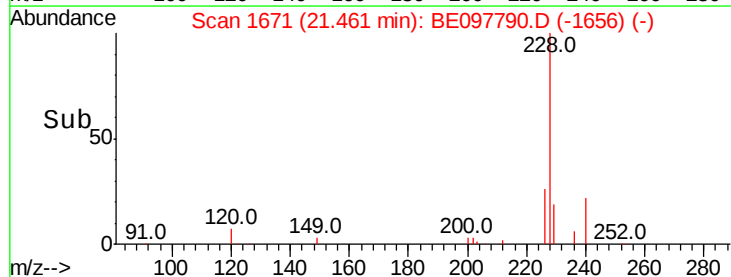
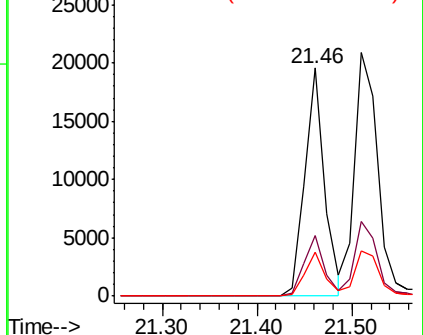
229 19.2 15.7 23.5

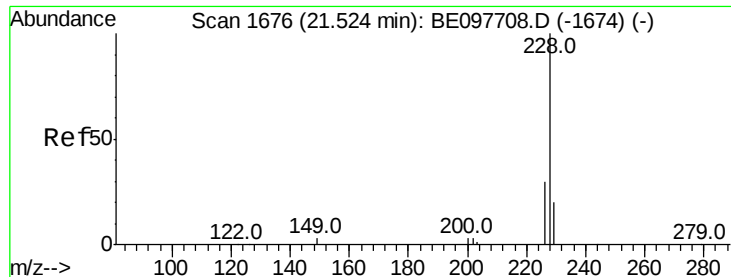


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.392 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

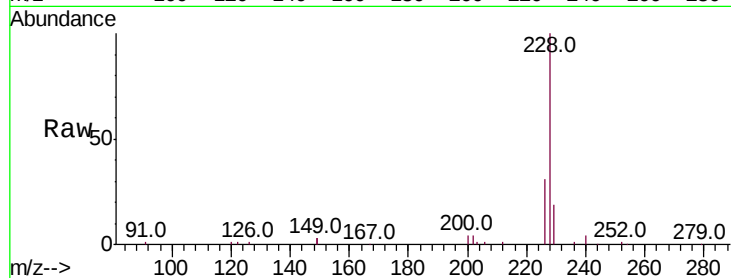
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 34390

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	18.8	16.0	24.0

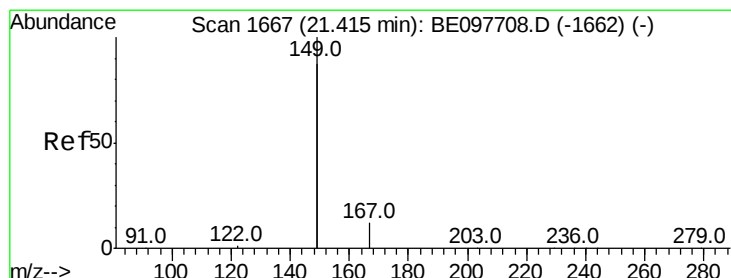
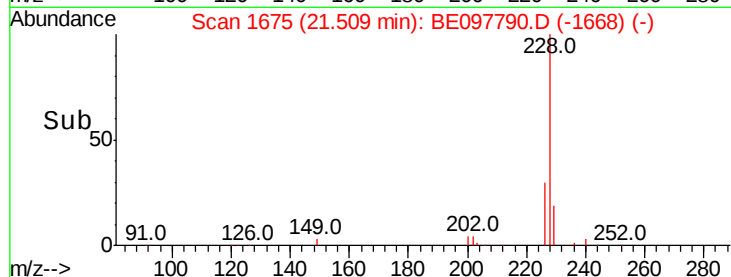
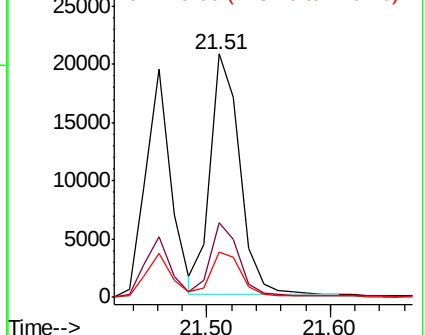


Abundance

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: 0.325 ng

RT: 21.40 min Scan# 1666

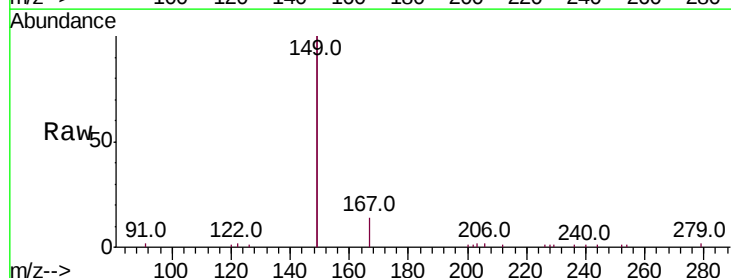
Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Tgt Ion:149 Resp: 18655

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.5	8.3
279	1.3	0.9	1.3

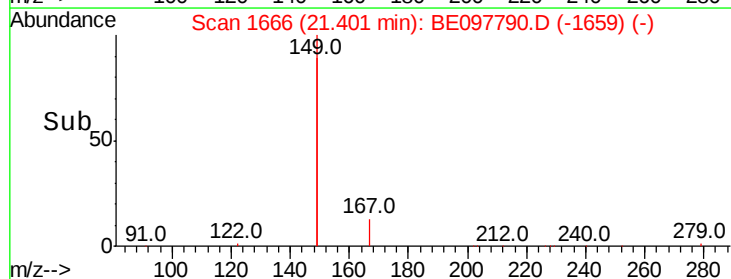
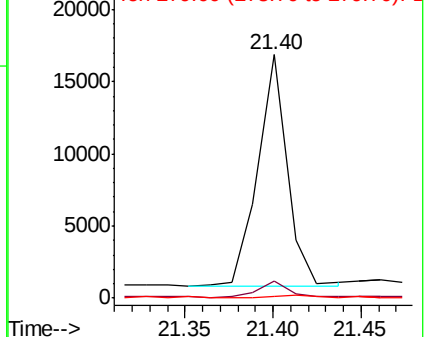


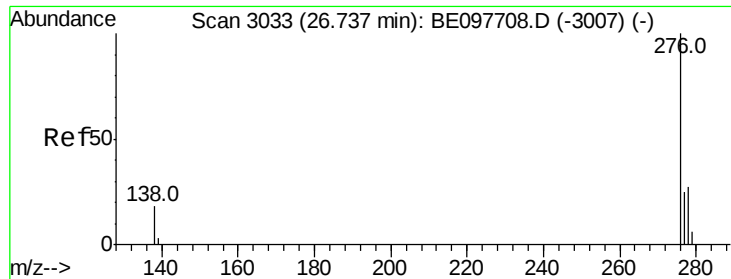
Abundance

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: 0.345 ng

RT: 26.71 min Scan# 3025

Delta R.T. -0.03 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

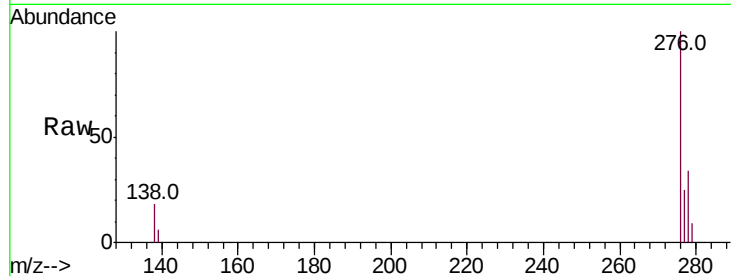
Tot Ion:276 Resp: 26340

Ion Ratio Lower Upper

276 100

138 19.3 15.0 22.6

277 24.2 19.2 28.8

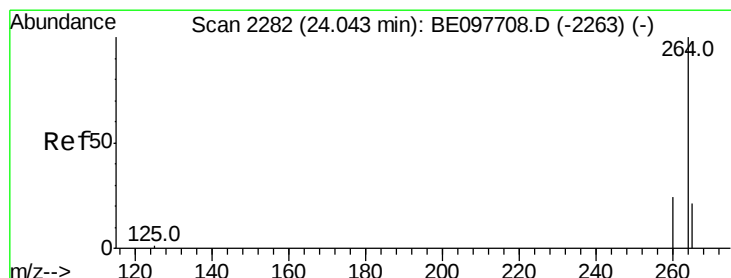
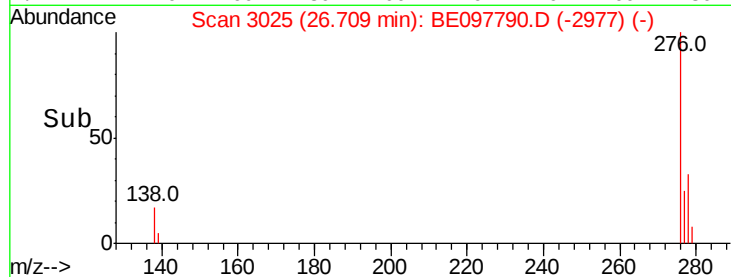
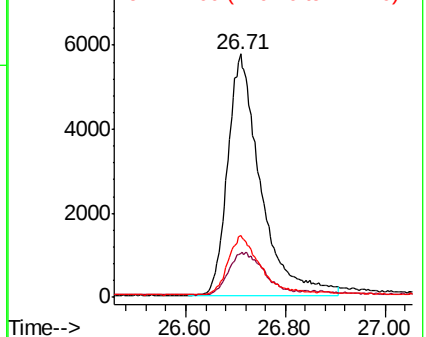


Abundance

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: 24.02 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

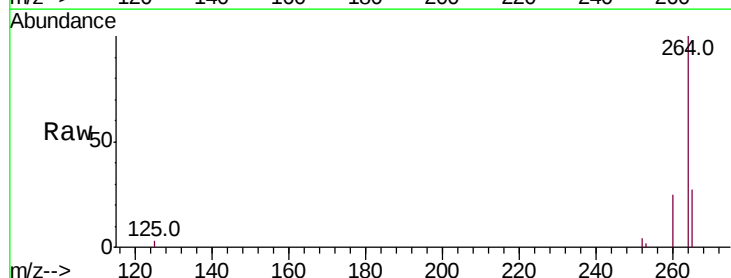
Tgt Ion:264 Resp: 26424

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 27.1 21.9 32.9

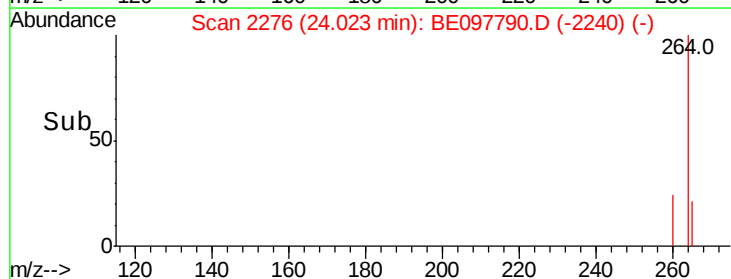
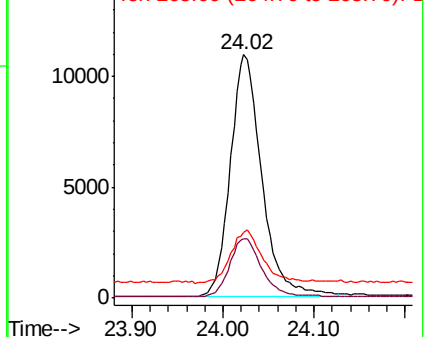


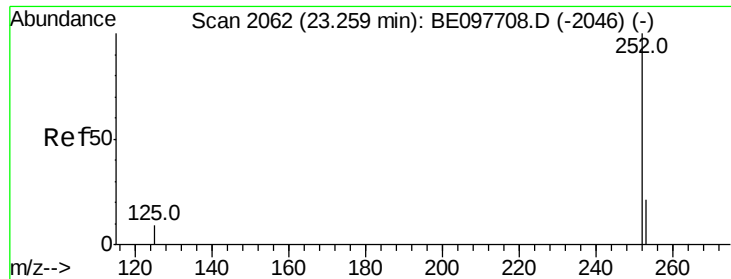
Abundance

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: 0.345 ng

RT: 23.24 min Scan# 2057

Delta R.T. -0.02 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

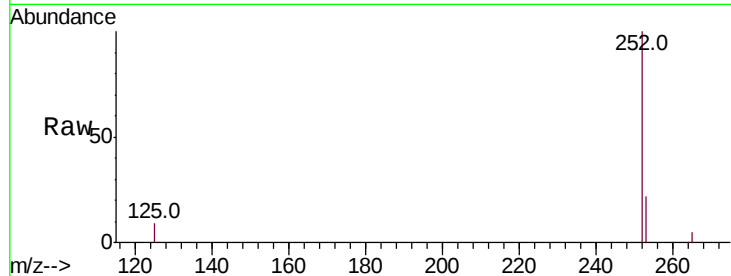
Tot Ion:252 Resp: 25035

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 9.2 7.8 11.8

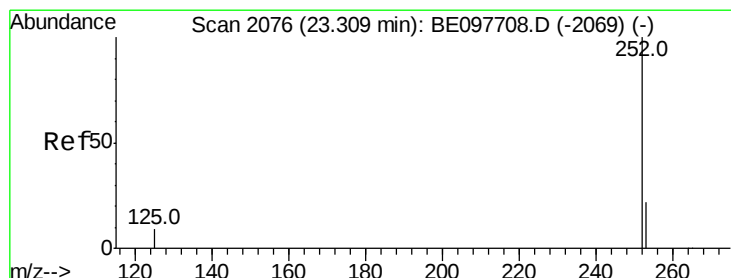
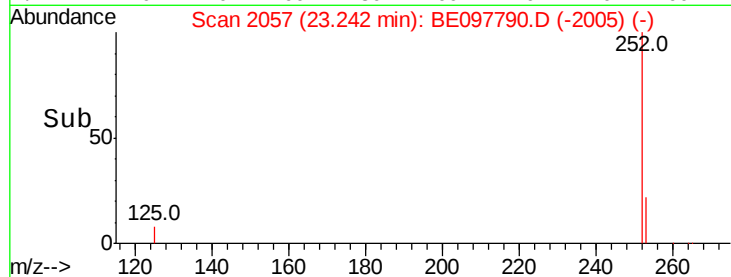
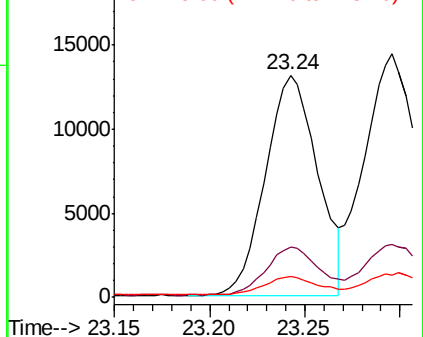


Abundance

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: 0.388 ng

RT: 23.30 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

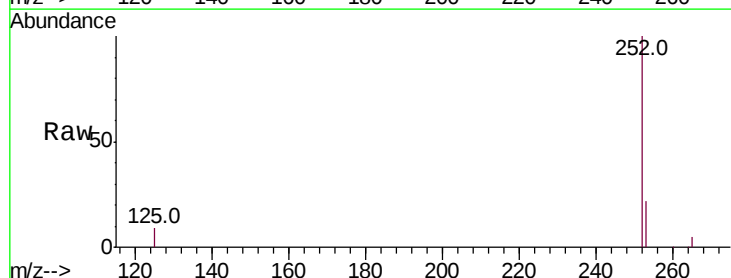
Tgt Ion:252 Resp: 31204

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.2 7.5 11.3

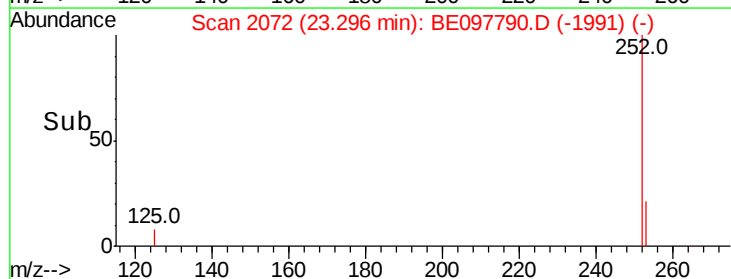
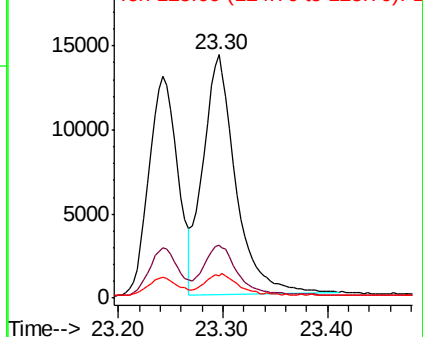


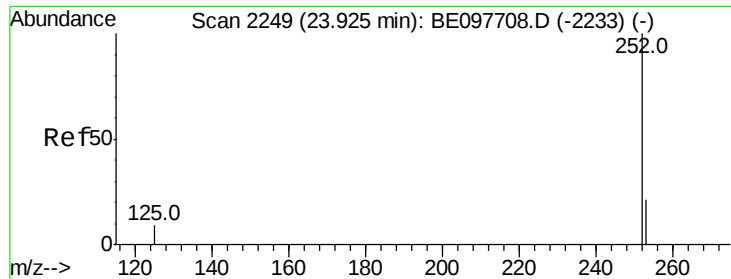
Abundance

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

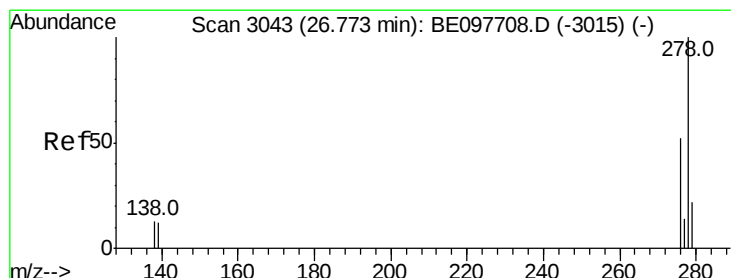
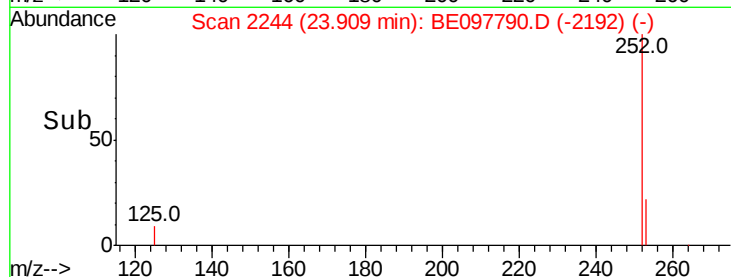
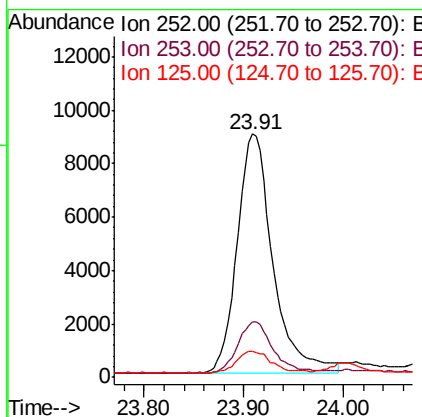
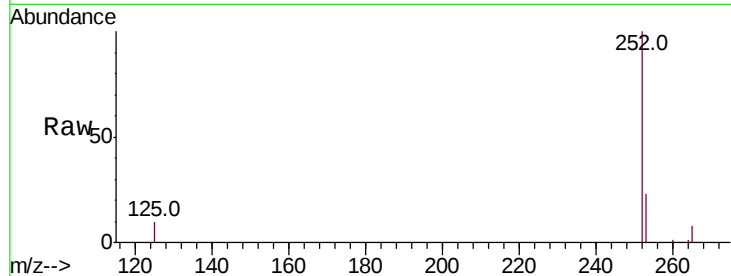




#37
Benzo(a)pyrene
Concen: 0.341 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

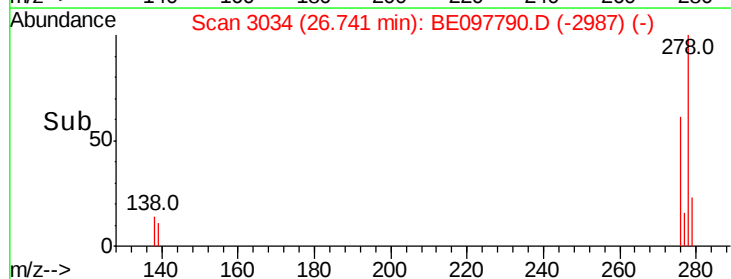
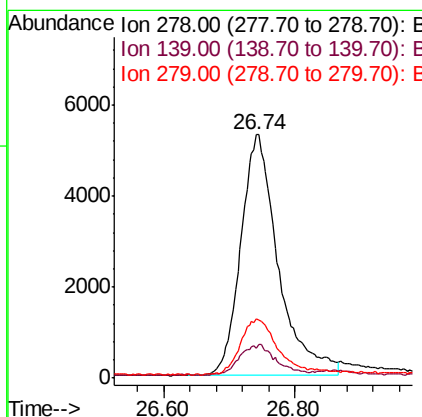
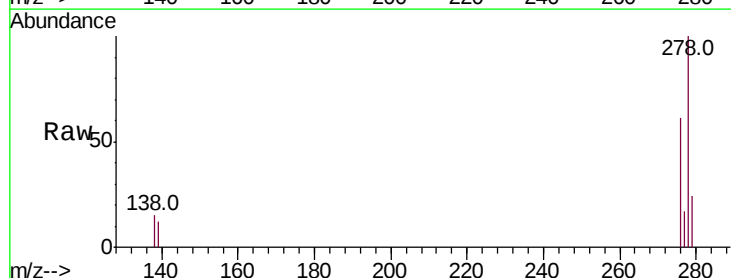
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

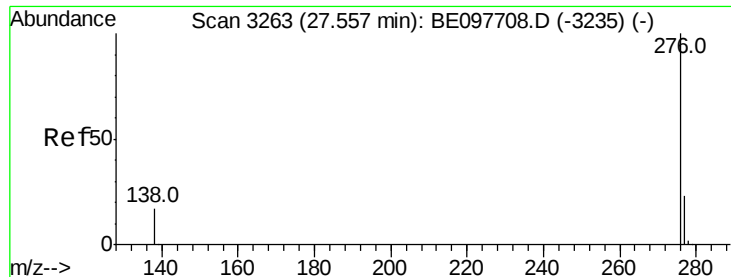
Tot Ion:252 Resp: 22375
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.5 8.3 12.5



#38
Dibenzo(a,h)anthracene
Concen: 0.328 ng
RT: 26.74 min Scan# 3034
Delta R.T. -0.03 min
Lab File: BE097790.D
Acq: 8 Oct 2018 12:33

Tgt Ion:278 Resp: 21222
Ion Ratio Lower Upper
278 100
139 12.5 10.3 15.5
279 24.2 18.4 27.6





#39

Benzo(a,h,i)perylene

Concen: 0.358 ng

RT: 27.53 min Scan# 3256

Delta R.T. -0.02 min

Lab File: BE097790.D

Acq: 8 Oct 2018 12:33

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

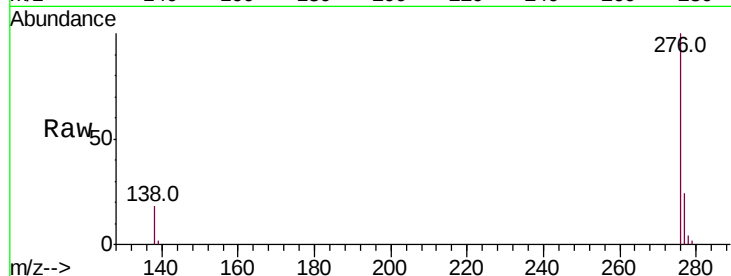
Tot Ion:276 Resp: 24204

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 18.0 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

