

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
 Data File : BE097709.D
 Acq On : 3 Oct 2018 10:18
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Oct 03 11:31:49 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 11:25:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	5057	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	21247	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	12223	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	32893	0.40	ng	0.00
27) Chrysene-d12	21.49	240	42901	0.40	ng	0.00
34) Perylene-d12	24.04	264	37303	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	9344	0.75	ng	0.00
5) Phenol-d6	7.04	99	14201	0.82	ng	0.00
8) Nitrobenzene-d5	9.04	82	5298	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	26672	0.81	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	1662	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	41155	0.80	ng	0.00
25) Fluoranthene-d10	19.33	212	326979	0.82	ng	0.00
29) Terphenyl-d14	19.94	244	69243	0.75	ng	0.00

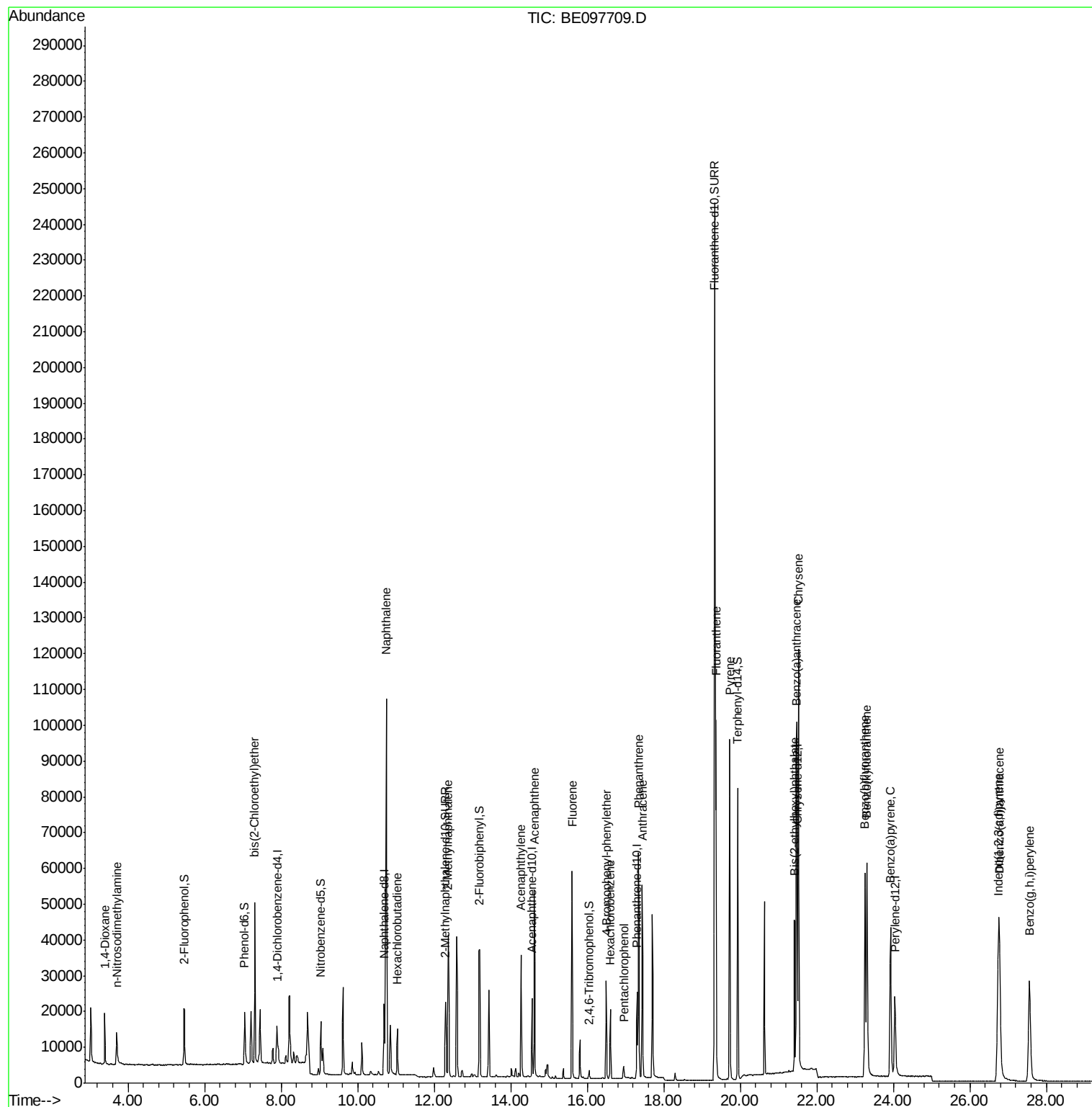
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	7688	0.729	ng	97
3) n-Nitrosodimethylamine	3.70	42	7184	1.134	ng	# 85
6) bis(2-Chloroethyl)ether	7.31	93	15091	0.894	ng	98
9) Naphthalene	10.74	128	166864	0.795	ng	100
10) Hexachlorobutadiene	11.04	225	8957	0.913	ng	98
12) 2-Methylnaphthalene	12.37	142	27042	0.843	ng	98
16) Acenaphthylene	14.27	152	42425	0.813	ng	99
17) Acenaphthene	14.62	154	27231	0.776	ng	98
18) Fluorene	15.60	166	36039	0.803	ng	99
20) 4-Bromophenyl-phenylether	16.50	248	13640	0.814	ng	99
21) Hexachlorobenzene	16.60	284	15083	0.800	ng	98
22) Pentachlorophenol	16.95	266	2311	0.533	ng	96
23) Phenanthrene	17.34	178	66287	0.779	ng	99
24) Anthracene	17.43	178	57943	0.828	ng	100
26) Fluoranthene	19.36	202	86095	0.816	ng	99
28) Pyrene	19.72	202	86301	0.773	ng	100
30) Benzo(a)anthracene	21.46	228	91341	0.861	ng	97
31) Chrysene	21.52	228	102330	0.771	ng	99
32) Bis(2-ethylhexyl)phthalate	21.41	149	64021	0.489	ng	100
33) Indeno(1,2,3-cd)pyrene	26.74	276	88392	0.631	ng	# 89
35) Benzo(b)fluoranthene	23.26	252	81556	0.756	ng	99
36) Benzo(k)fluoranthene	23.31	252	92737	0.746	ng	99
37) Benzo(a)pyrene	23.93	252	74276	0.718	ng	99
38) Dibenzo(a,h)anthracene	26.77	278	74447	0.663	ng	100
39) Benzo(g,h,i)perylene	27.56	276	76785	0.675	ng	98

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

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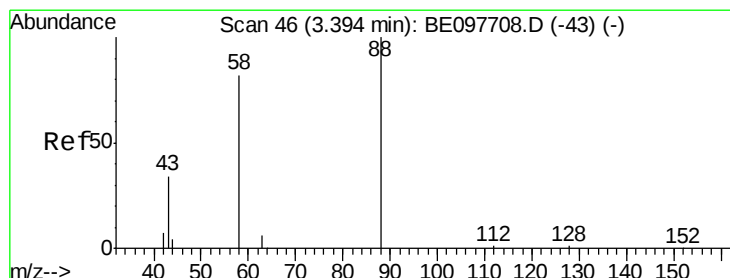
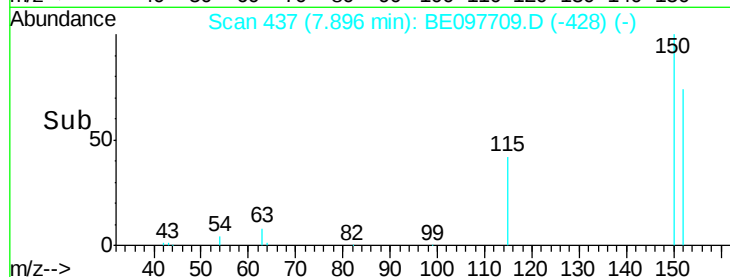
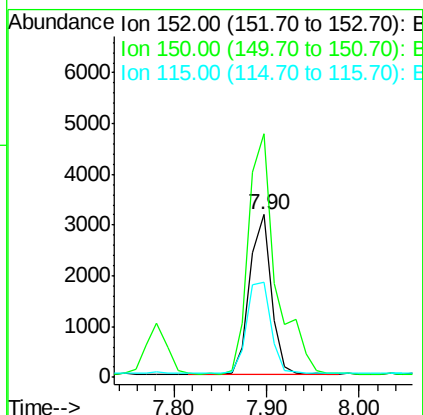
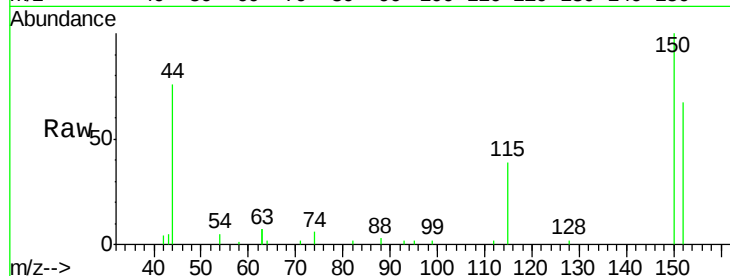


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

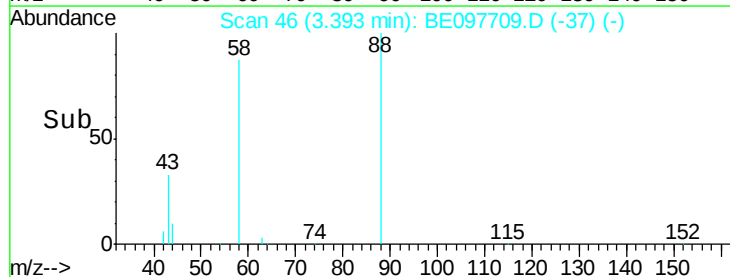
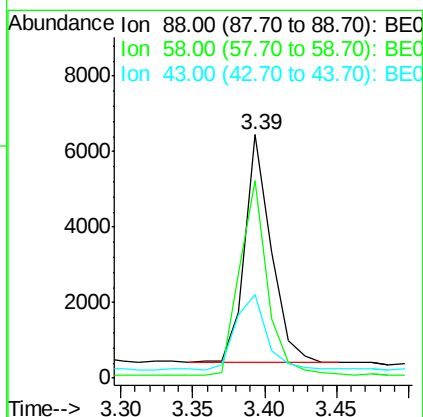
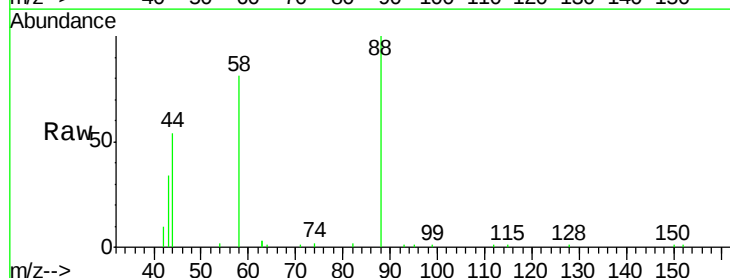
Tgt Ion:152 Resp: 5057
Ion Ratio Lower Upper
152 100
150 149.9 120.9 181.3
115 58.5 46.6 69.8

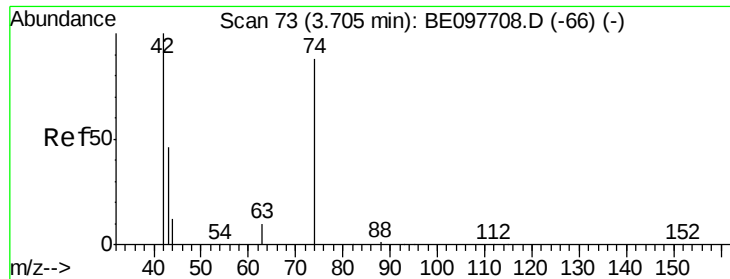


#2

1,4-Dioxane
Concen: 0.729 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion: 88 Resp: 7688
Ion Ratio Lower Upper
88 100
58 90.0 70.8 106.2
43 37.7 33.3 49.9





#3

n-Nitrosodimethylamine

Concen: 1.134 ng

RT: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

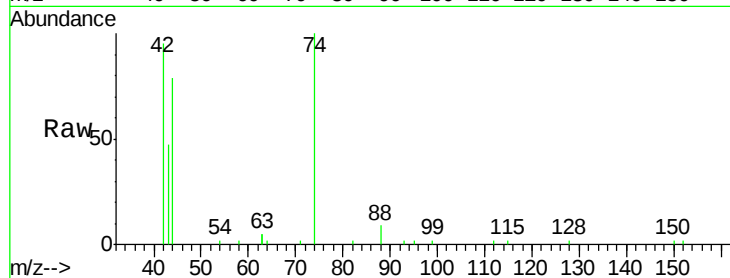
Tgt Ion: 42 Resp: 7184

Ion Ratio Lower Upper

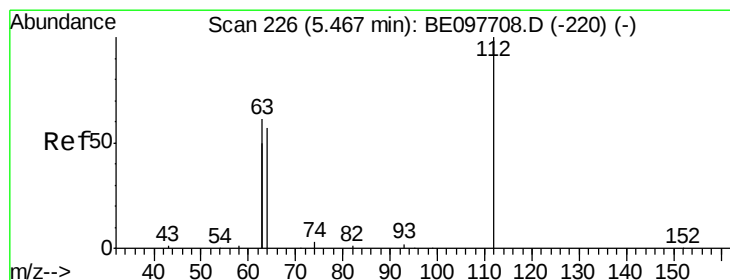
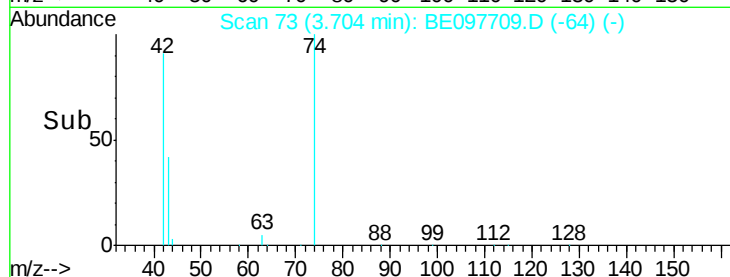
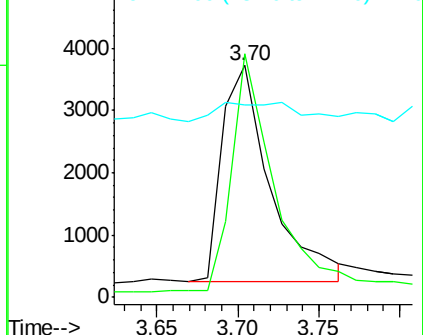
42 100

74 96.7 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: 0.748 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

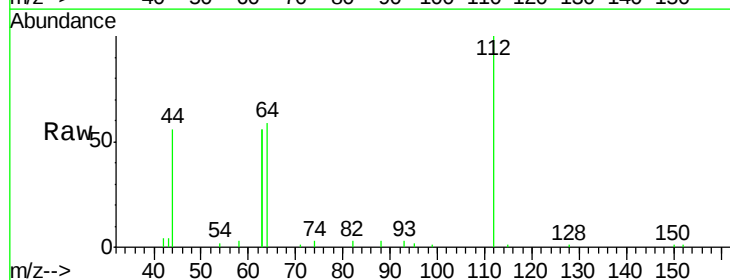
Tgt Ion: 112 Resp: 9344

Ion Ratio Lower Upper

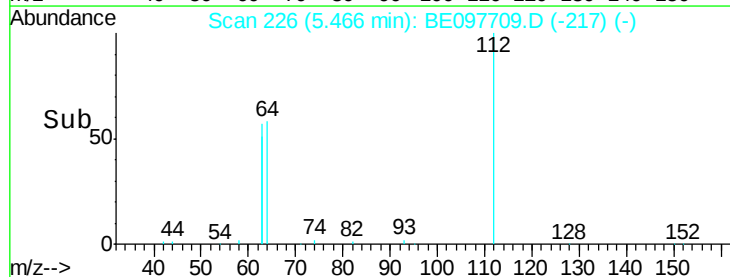
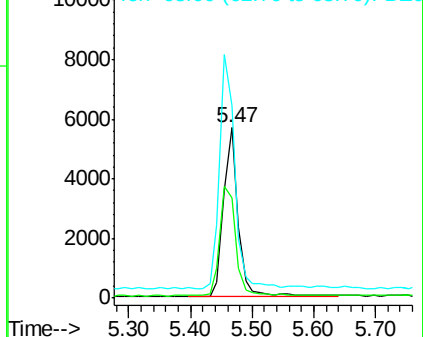
112 100

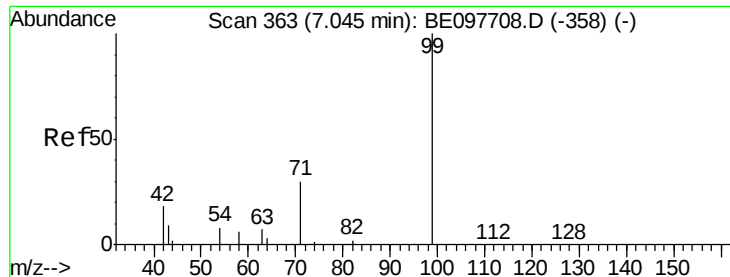
64 70.3 56.6 84.8

63 143.6 119.4 179.0



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: 0.824 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

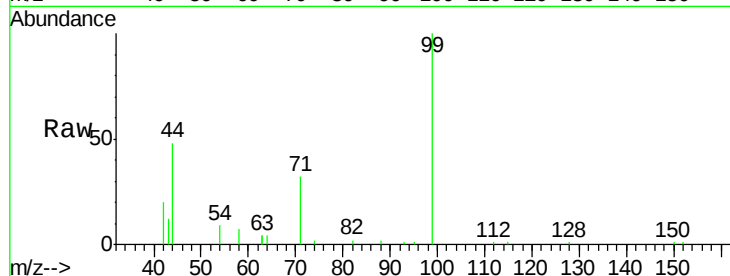
Tgt Ion: 99 Resp: 14201

Ion Ratio Lower Upper

99 100

42 23.4 19.9 29.9

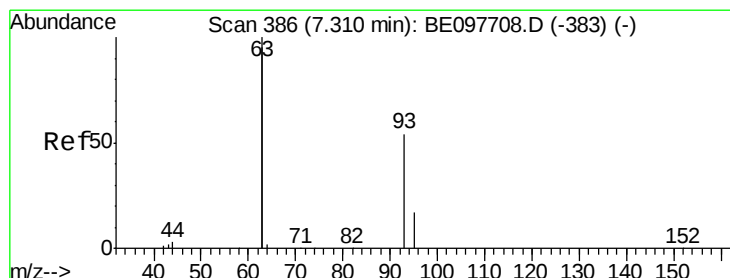
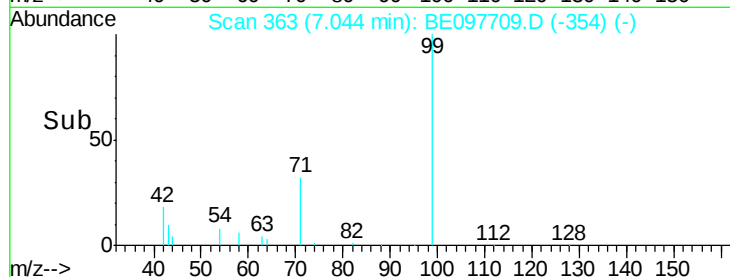
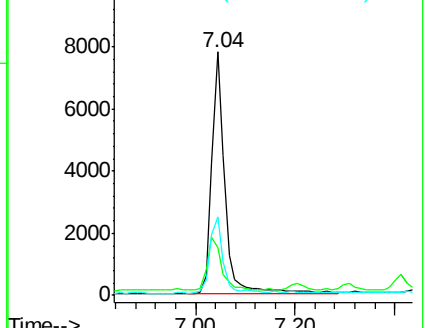
71 32.1 25.4 38.2



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: 0.894 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

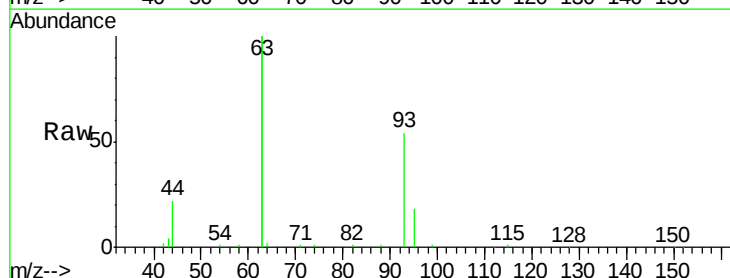
Tgt Ion: 93 Resp: 15091

Ion Ratio Lower Upper

93 100

63 329.2 266.9 400.3

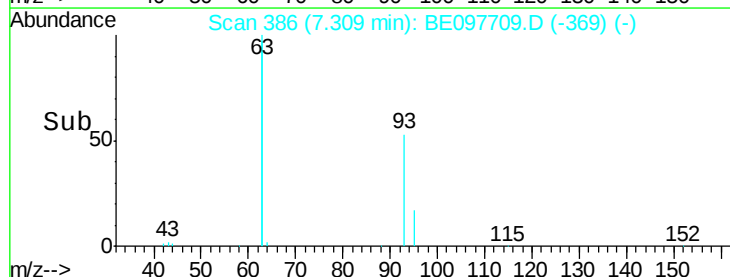
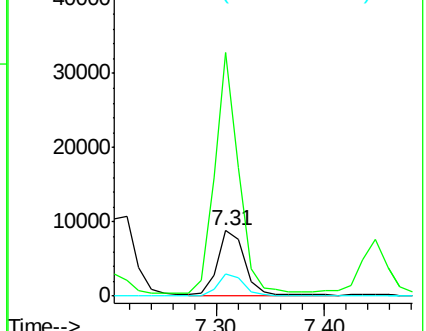
95 31.9 26.2 39.2

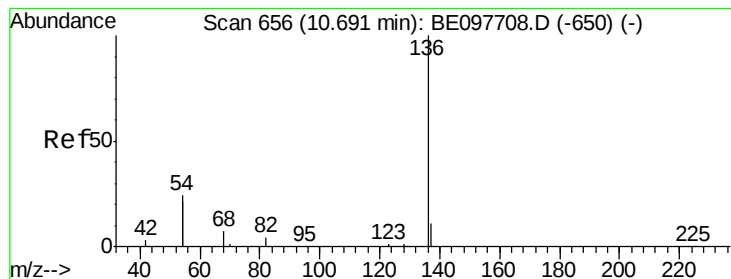


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion: 136 Resp: 21247

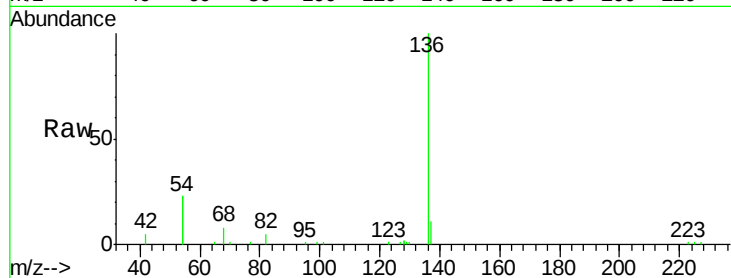
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 46.5 37.8 56.6

68 8.0 6.4 9.6

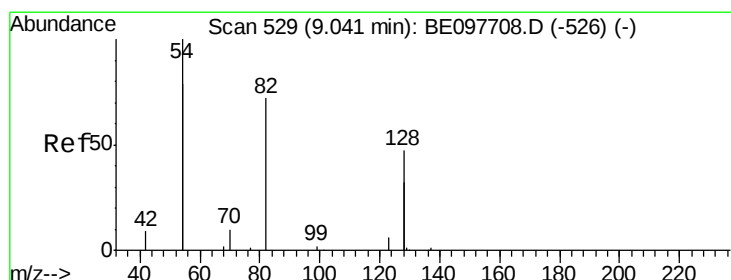
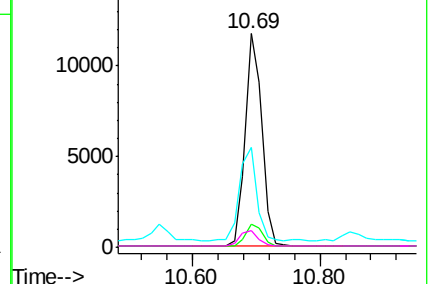
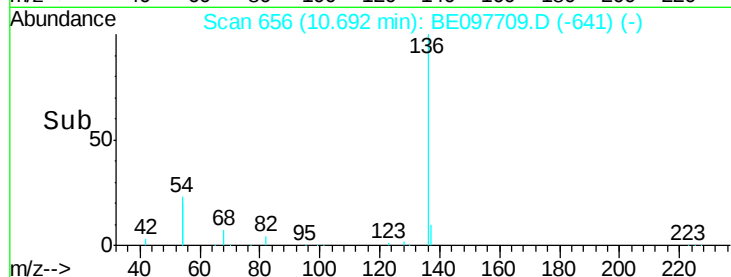


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.352 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

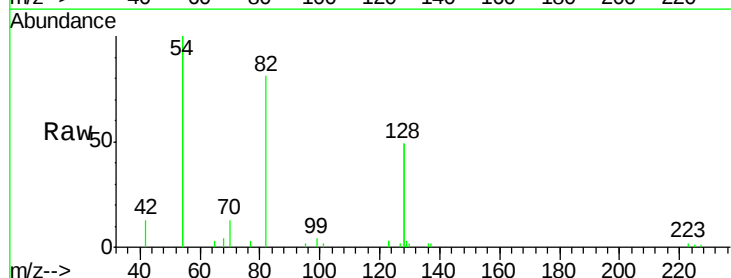
Tgt Ion: 82 Resp: 5298

Ion Ratio Lower Upper

82 100

128 122.4 97.0 145.4

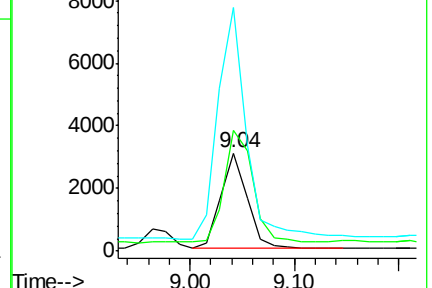
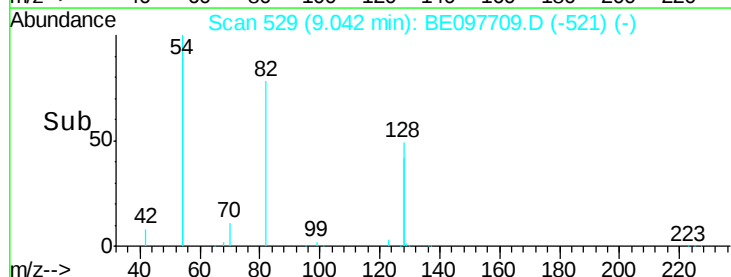
54 247.7 206.9 310.3

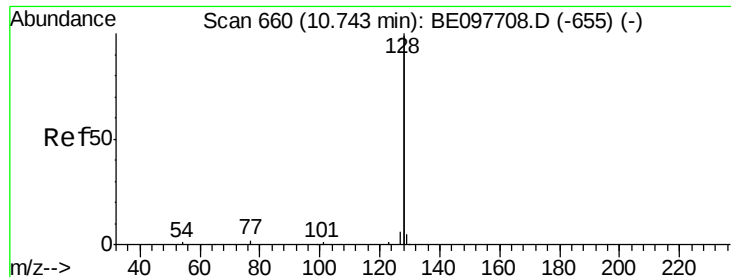


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.795 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

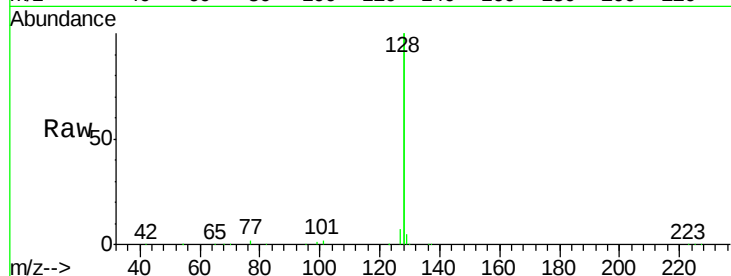
Tgt Ion:128 Resp: 166864

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.2

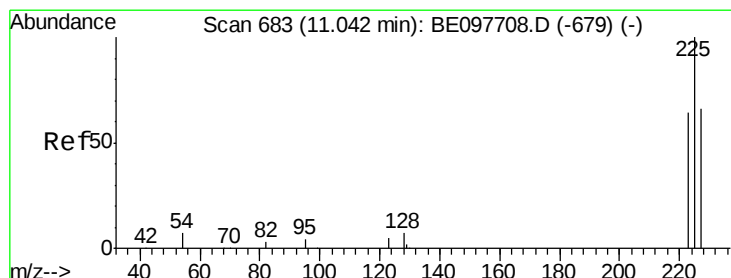
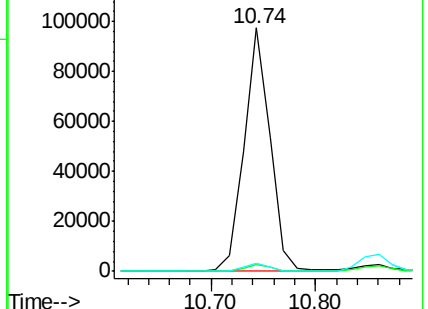
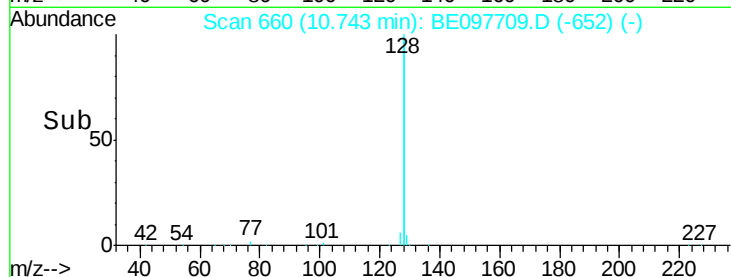
127 3.3 2.7 4.1



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: 0.913 ng

RT: 11.04 min Scan# 683

Delta R.T. 0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

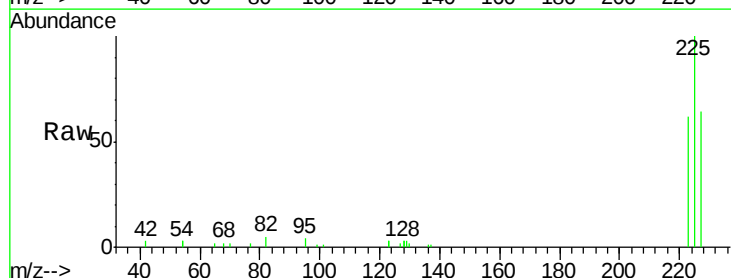
Tgt Ion:225 Resp: 8957

Ion Ratio Lower Upper

225 100

223 63.3 52.2 78.4

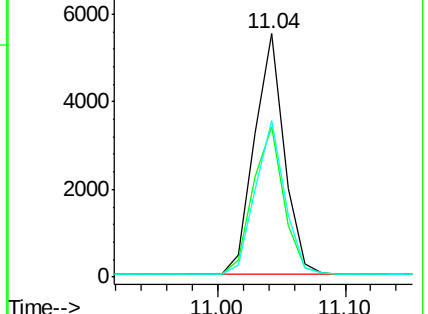
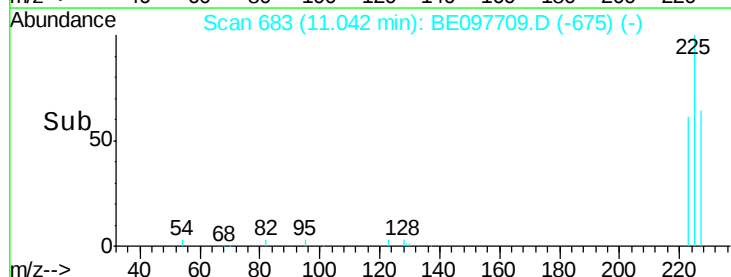
227 63.1 51.2 76.8

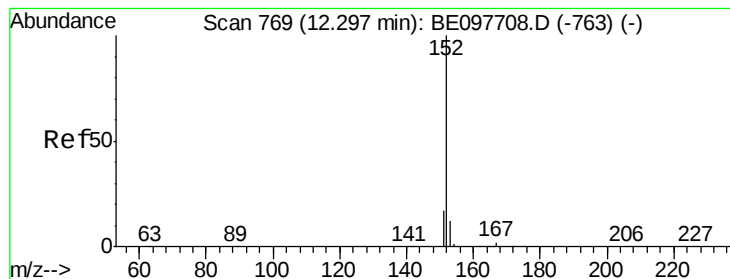


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.808 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

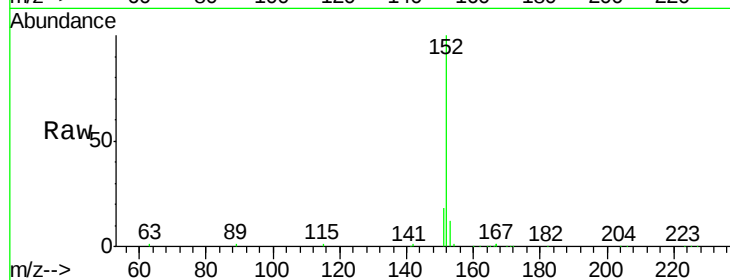
SSTDICC0.8

Tgt Ion:152 Resp: 26672

Ion Ratio Lower Upper

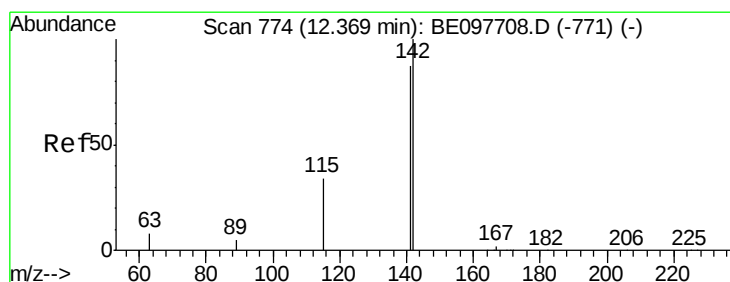
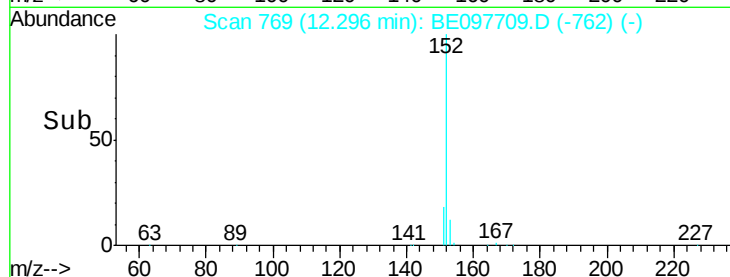
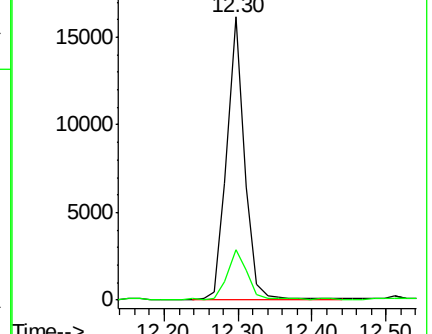
152 100

151 19.1 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: 0.843 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

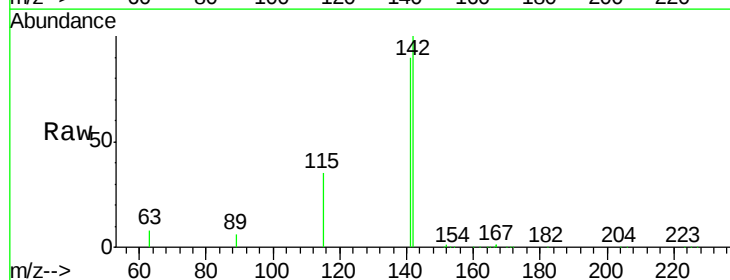
Tgt Ion:142 Resp: 27042

Ion Ratio Lower Upper

142 100

141 89.7 69.4 104.2

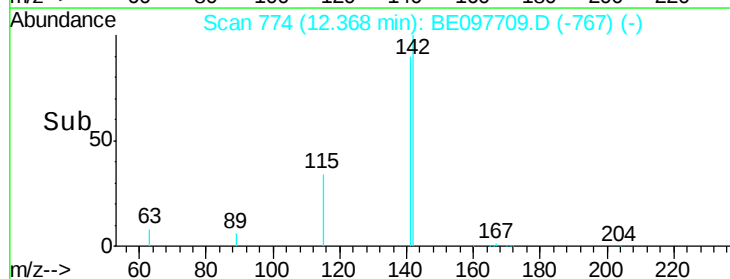
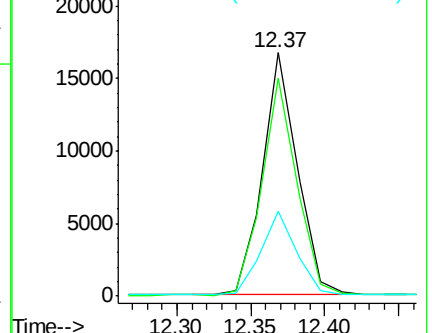
115 34.8 28.0 42.0

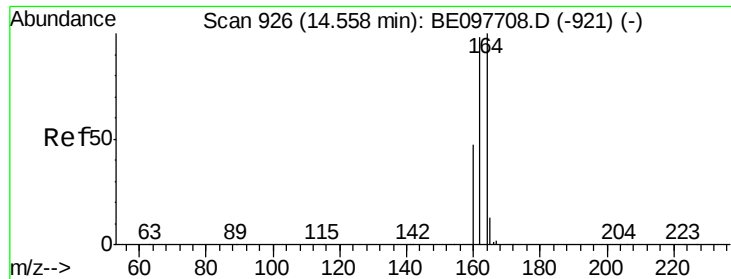


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

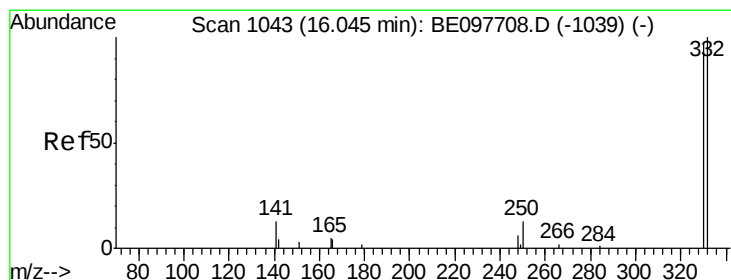
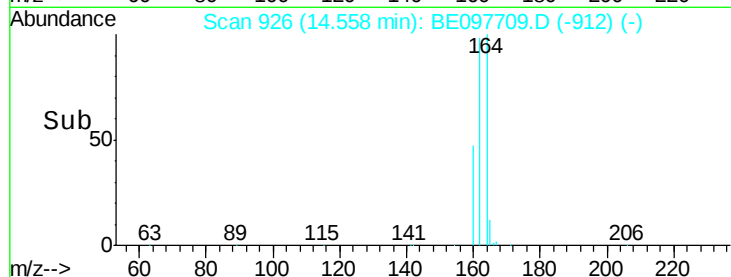
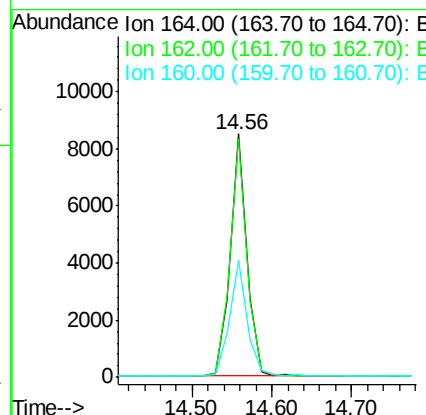
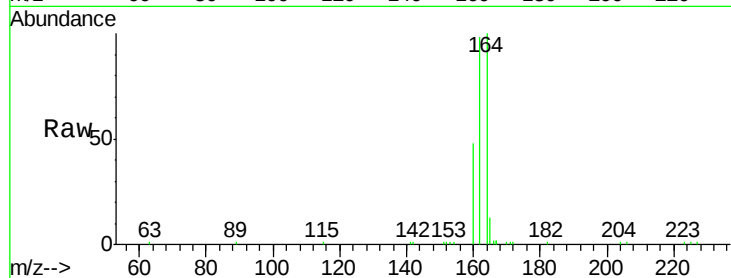




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.56 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BE097709.D
 Acq: 3 Oct 2018 10:18

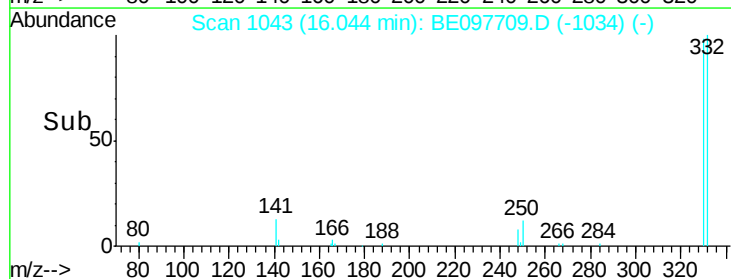
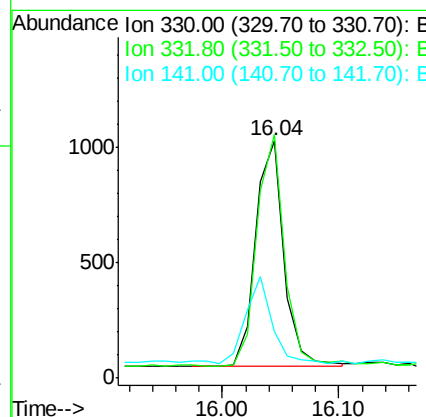
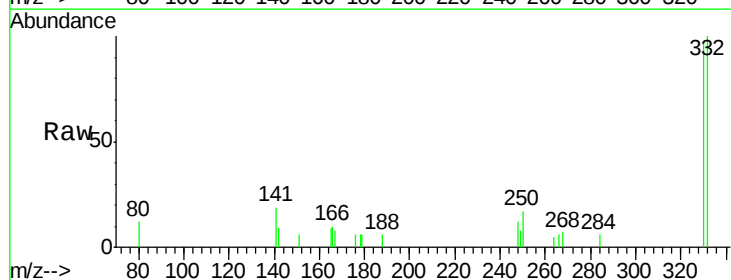
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

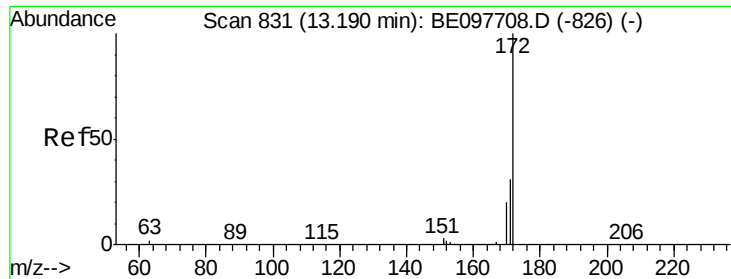
Tgt Ion:164 Resp: 12223
 Ion Ratio Lower Upper
 164 100
 162 98.0 78.6 117.8
 160 47.9 37.8 56.6



#14
 2,4,6-Tribromophenol
 Concen: 0.348 ng
 RT: 16.04 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BE097709.D
 Acq: 3 Oct 2018 10:18

Tgt Ion:330 Resp: 1662
 Ion Ratio Lower Upper
 330 100
 332 100.4 83.5 125.3
 141 35.9 34.9 52.3

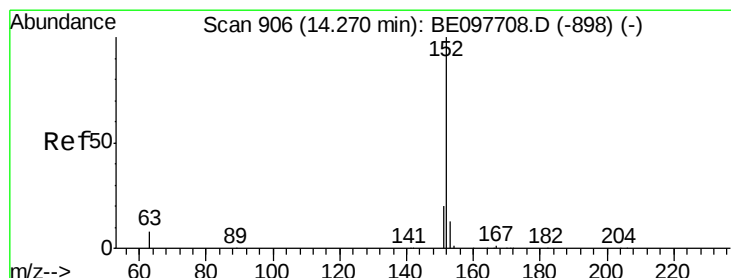
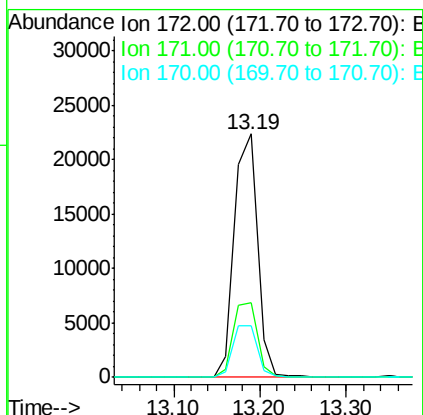
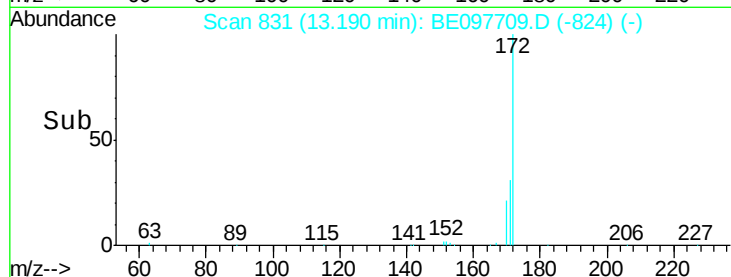
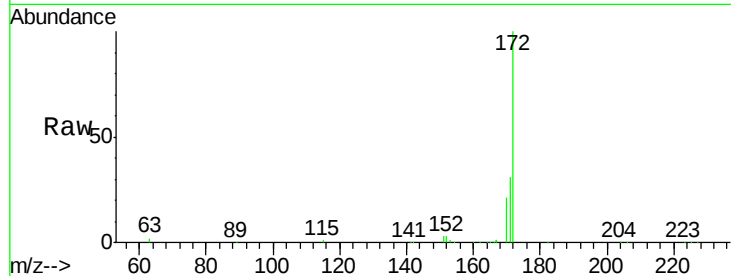




#15
2-Fluorobiphenyl
Concen: 0.801 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

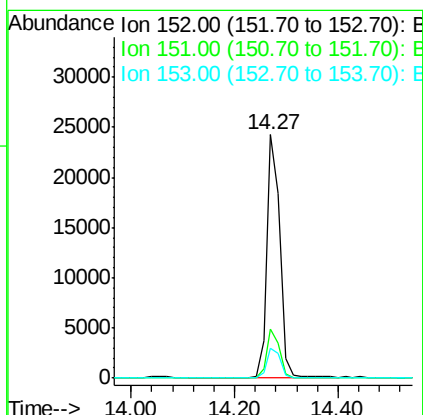
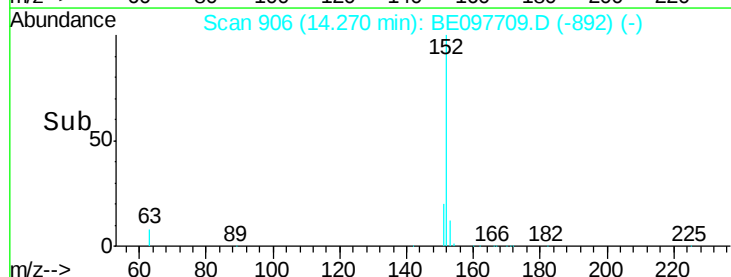
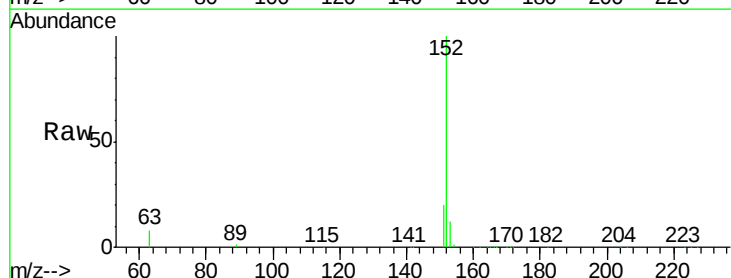
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

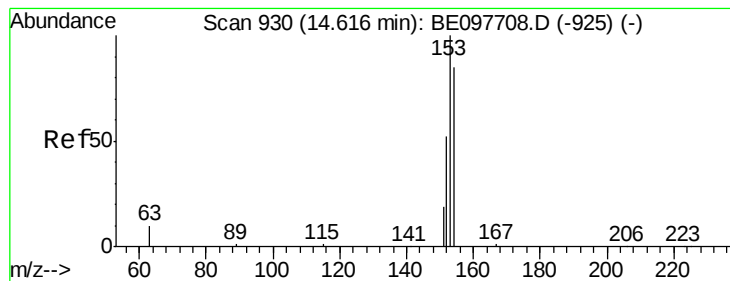
Tgt Ion:172 Resp: 41155
Ion Ratio Lower Upper
172 100
171 30.9 25.2 37.8
170 21.1 16.2 24.2



#16
Acenaphthylene
Concen: 0.813 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:152 Resp: 42425
Ion Ratio Lower Upper
152 100
151 19.6 15.3 22.9
153 12.7 10.8 16.2





#17

Acenaphthene

Concen: 0.776 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

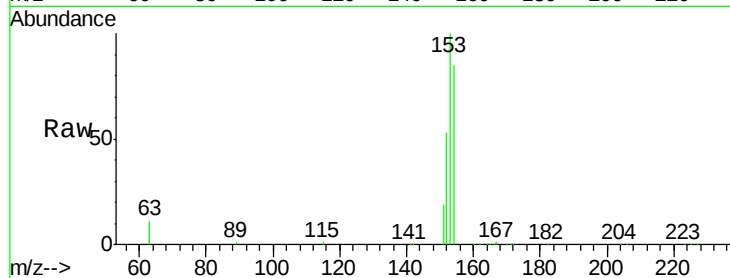
Tgt Ion:154 Resp: 27231

Ion Ratio Lower Upper

154 100

153 114.1 93.3 139.9

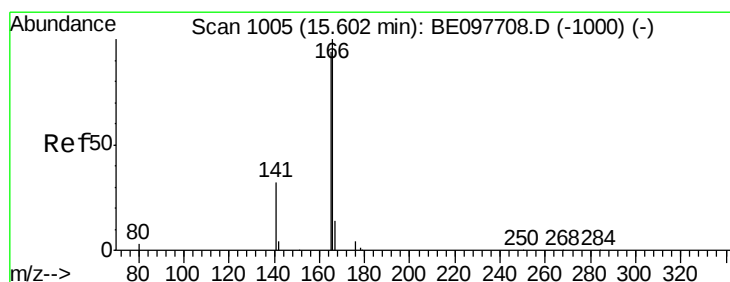
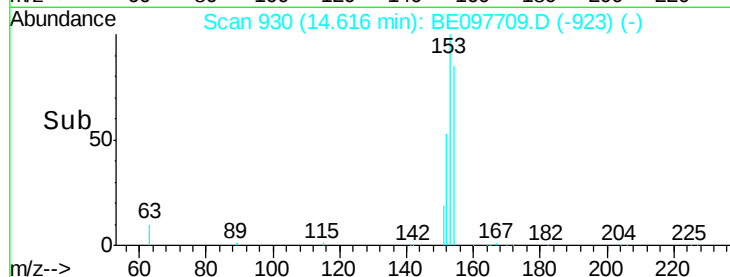
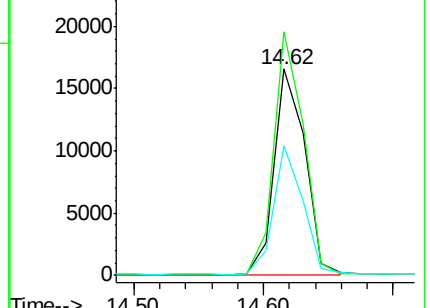
152 59.6 48.9 73.3



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: 0.803 ng

RT: 15.60 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

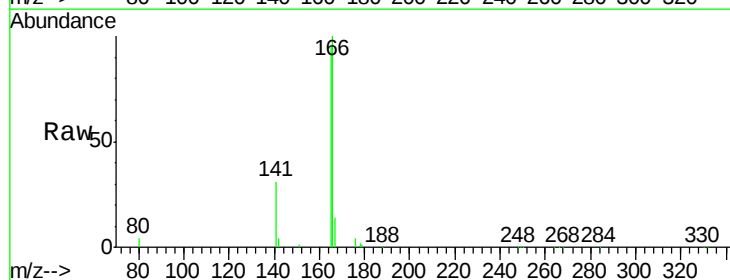
Tgt Ion:166 Resp: 36039

Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.4

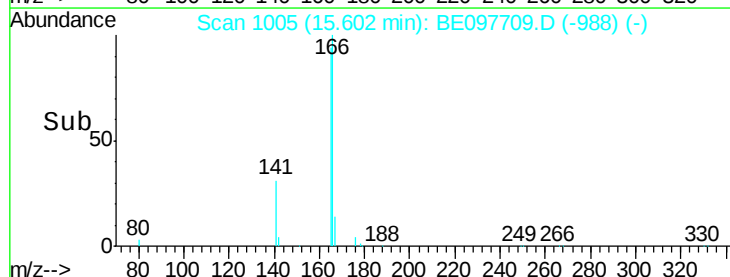
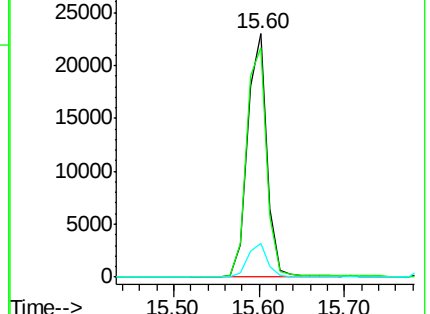
167 13.4 11.1 16.7

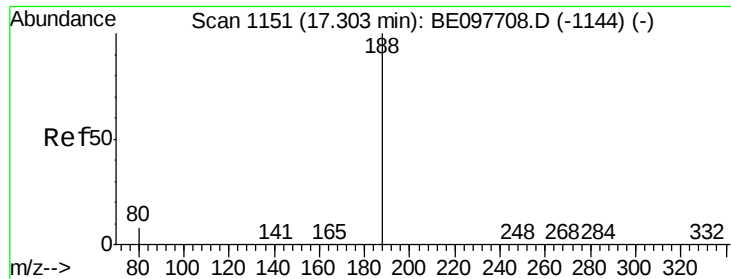


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

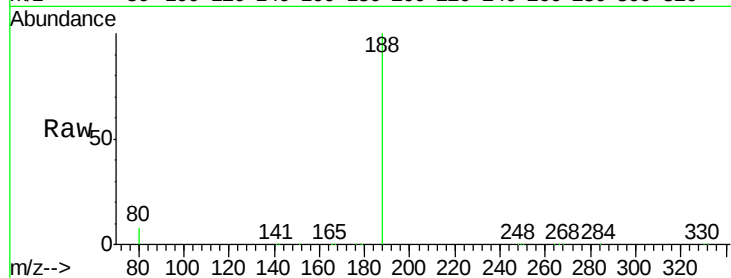
Tgt Ion:188 Resp: 32893

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

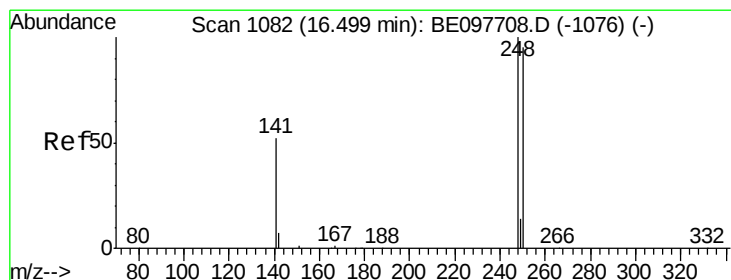
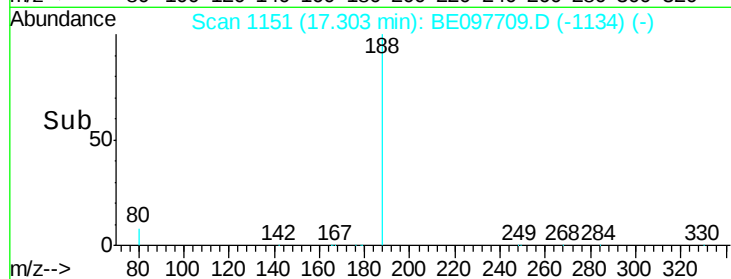
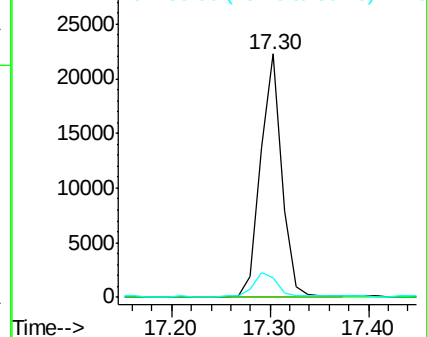
80 8.3 6.6 9.8



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: 0.814 ng

RT: 16.50 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

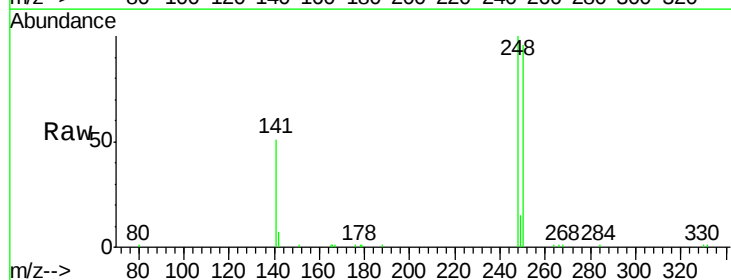
Tgt Ion:248 Resp: 13640

Ion Ratio Lower Upper

248 100

250 95.6 76.1 114.1

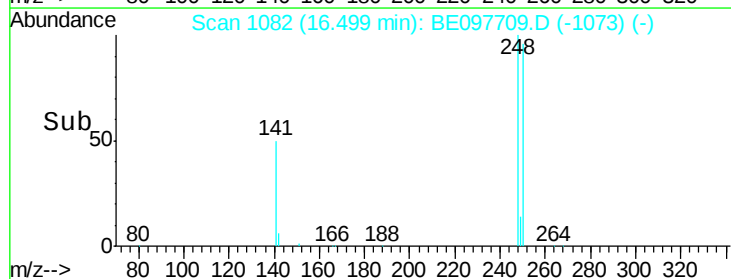
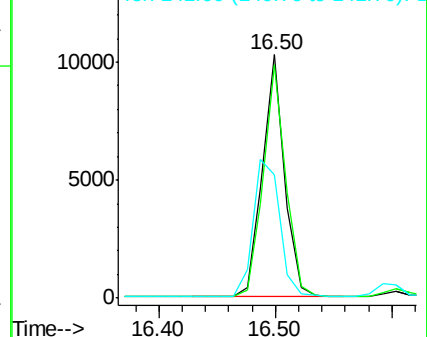
141 50.5 42.2 63.4

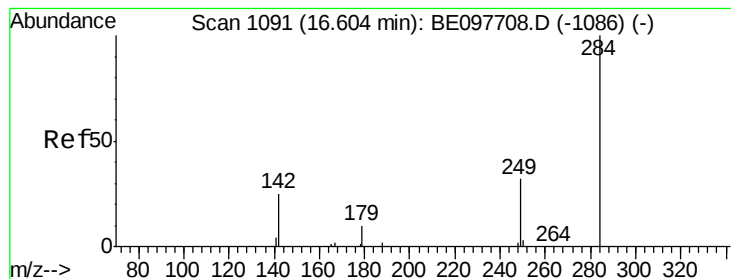


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.800 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

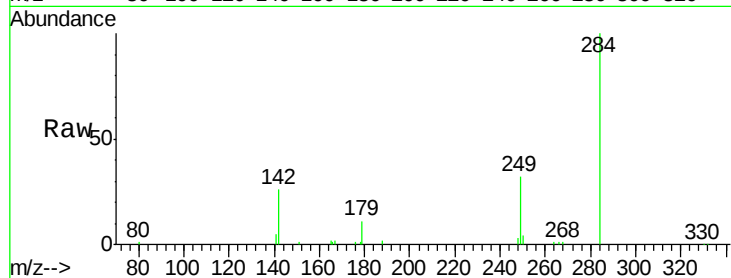
Tgt Ion:284 Resp: 15083

Ion Ratio Lower Upper

284 100

142 31.9 24.9 37.3

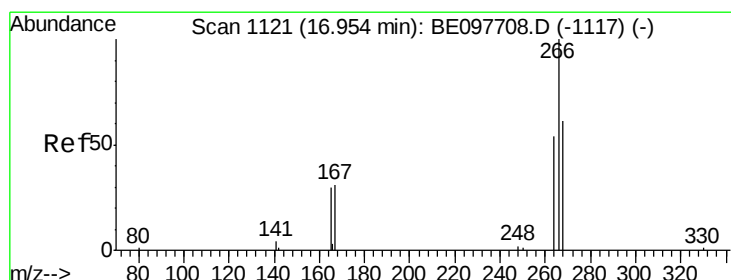
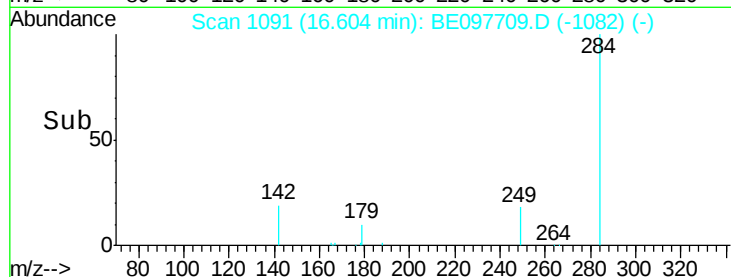
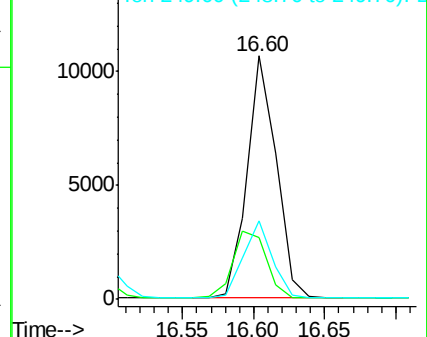
249 31.1 25.8 38.8



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: 0.533 ng

RT: 16.95 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

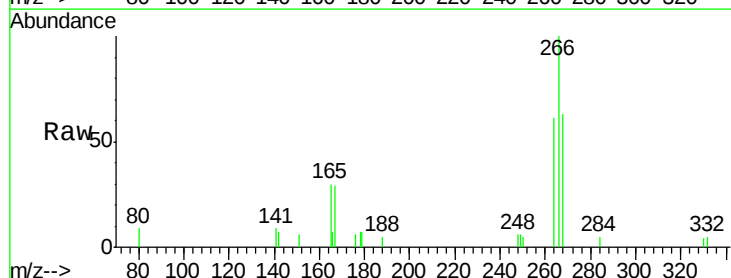
Tgt Ion:266 Resp: 2311

Ion Ratio Lower Upper

266 100

264 61.0 46.8 70.2

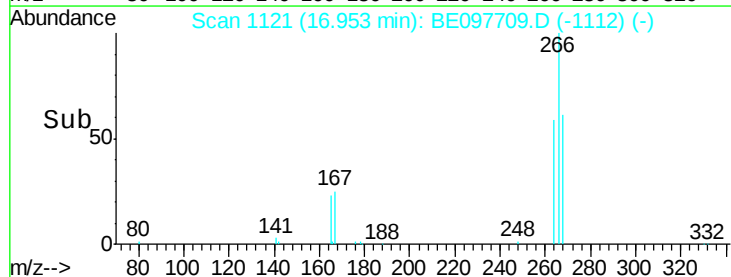
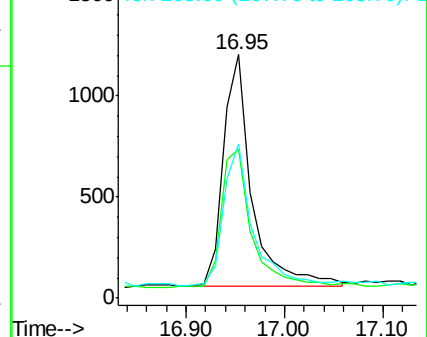
268 63.3 53.0 79.6

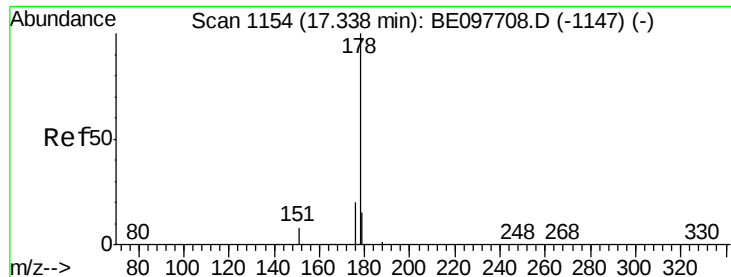


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.779 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

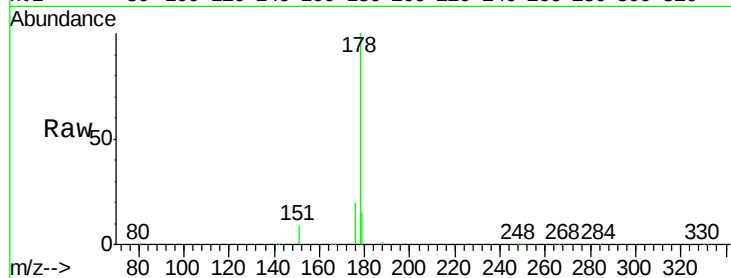
BNA_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:178 Resp: 66287

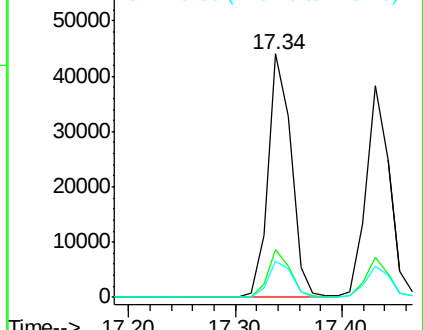
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.1	12.2	18.4



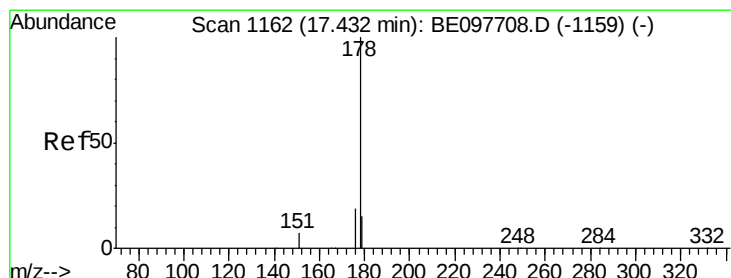
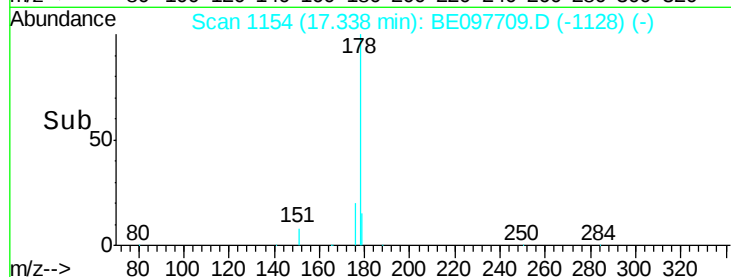
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.828 ng

RT: 17.43 min Scan# 1162

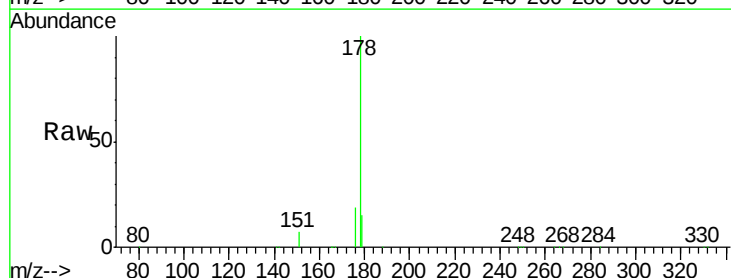
Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Tgt Ion:178 Resp: 57943

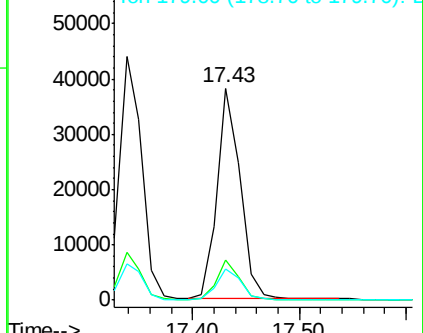
Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	15.2	12.2	18.2



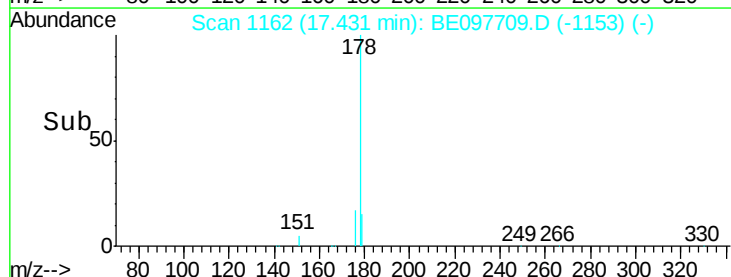
Abundance Ion 178.00 (177.70 to 178.70): E

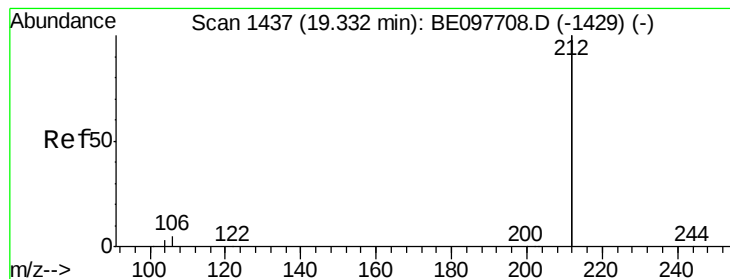
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.820 ng

RT: 19.33 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

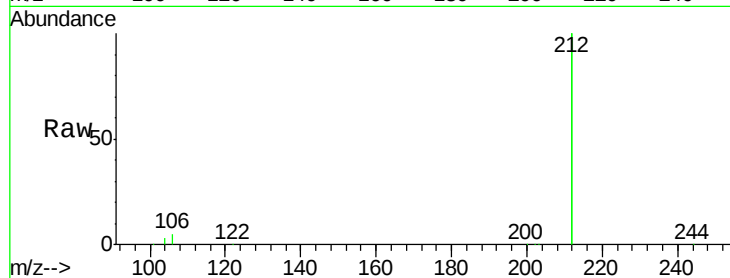
Tgt Ion:212 Resp: 326979

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

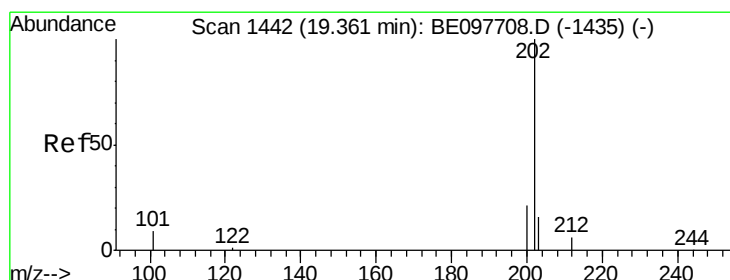
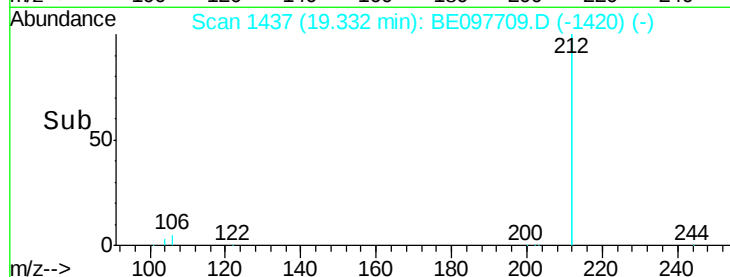
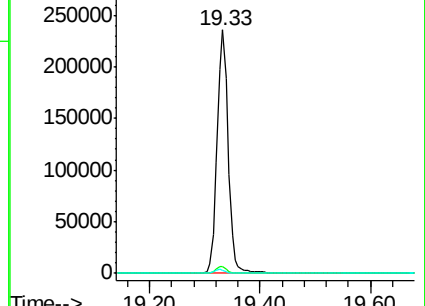
104 1.5 1.2 1.8



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: 0.816 ng

RT: 19.36 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

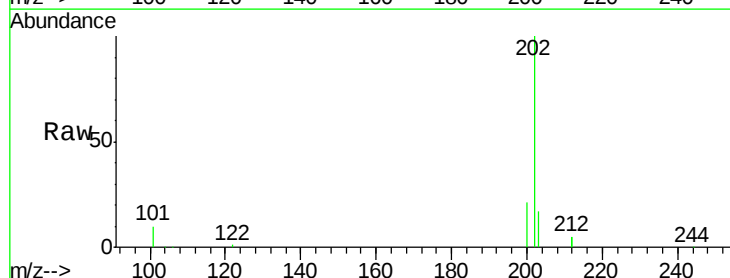
Tgt Ion:202 Resp: 86095

Ion Ratio Lower Upper

202 100

101 10.3 7.8 11.8

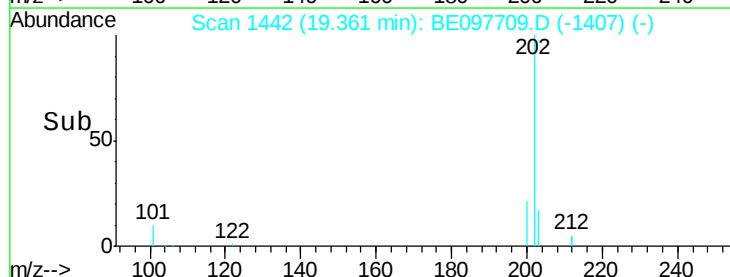
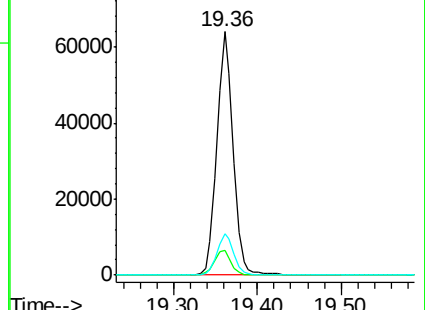
203 17.0 13.8 20.6

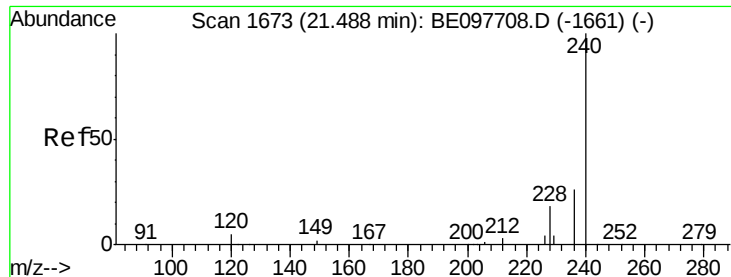


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

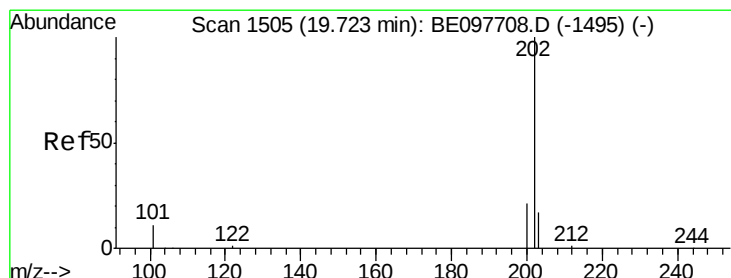
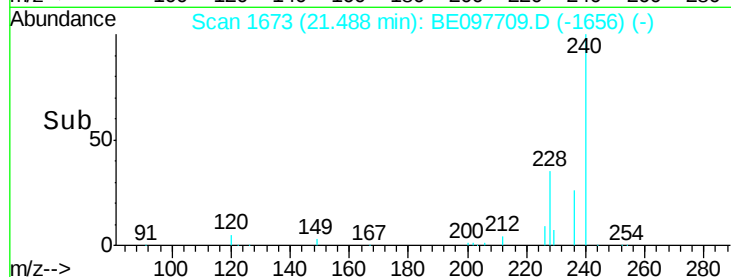
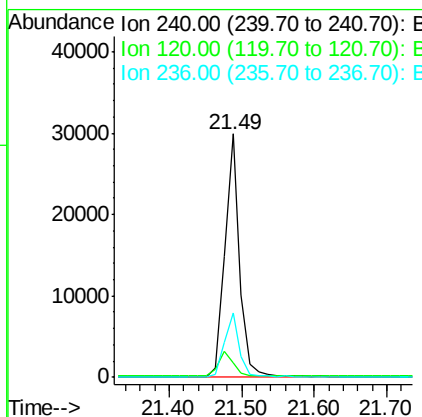
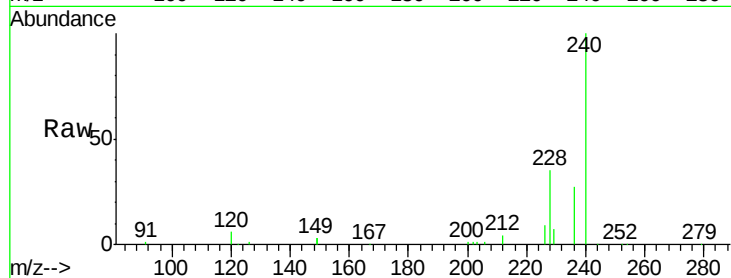




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.49 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BE097709.D
 Acq: 3 Oct 2018 10:18

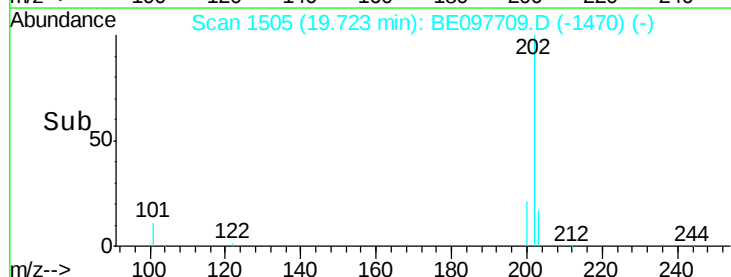
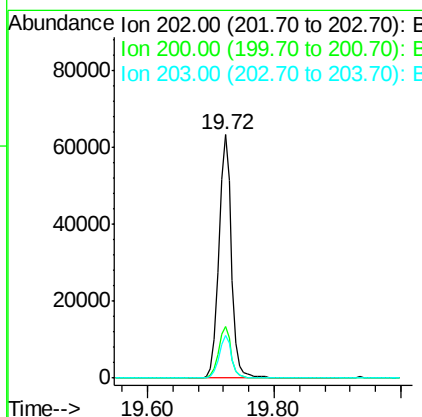
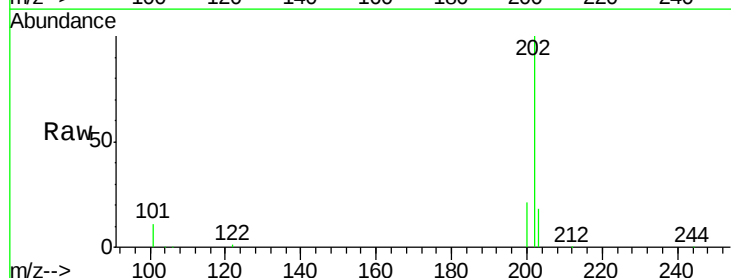
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

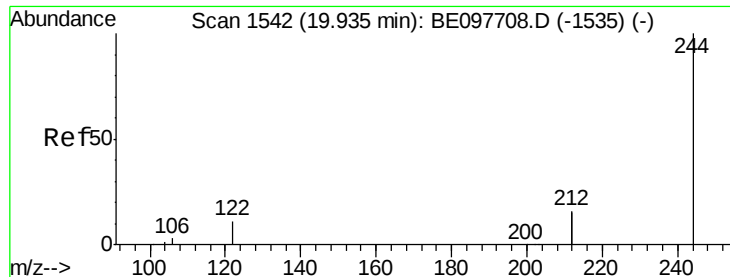
Tgt Ion:240 Resp: 42901
 Ion Ratio Lower Upper
 240 100
 120 5.8 4.7 7.1
 236 26.6 20.8 31.2



#28
 Pyrene
 Concen: 0.773 ng
 RT: 19.72 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BE097709.D
 Acq: 3 Oct 2018 10:18

Tgt Ion:202 Resp: 86301
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.7 25.1
 203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.747 ng

RT: 19.94 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

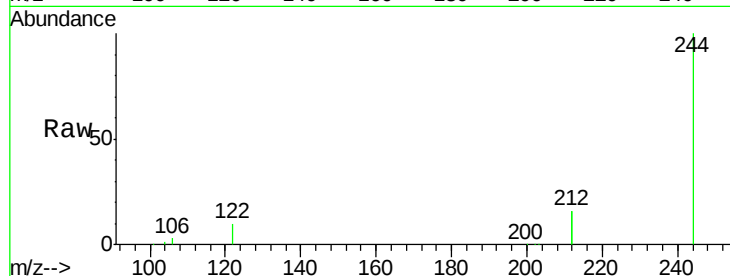
Tgt Ion:244 Resp: 69243

Ion Ratio Lower Upper

244 100

212 31.2 25.8 38.8

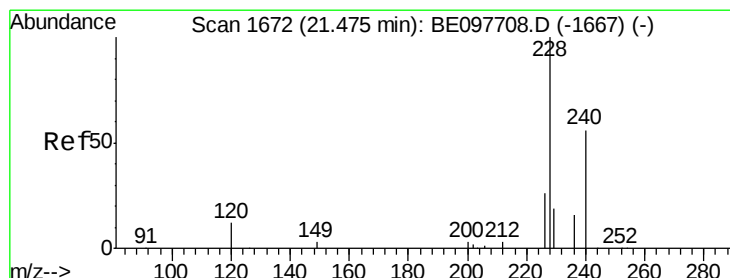
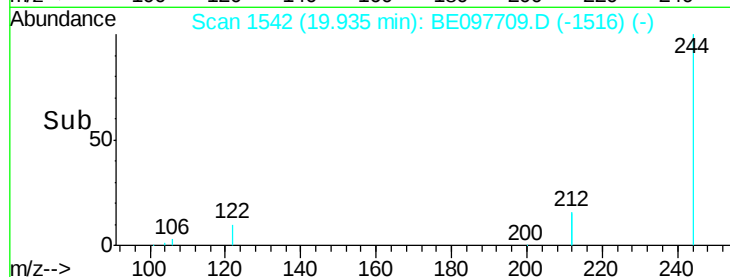
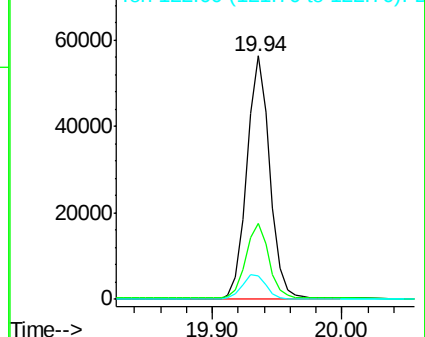
122 9.7 8.7 13.1



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: 0.861 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

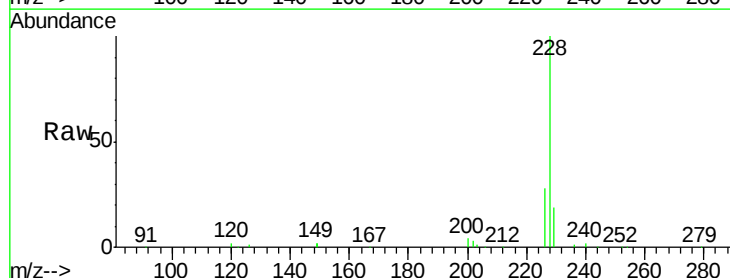
Tgt Ion:228 Resp: 91341

Ion Ratio Lower Upper

228 100

226 28.1 20.7 31.1

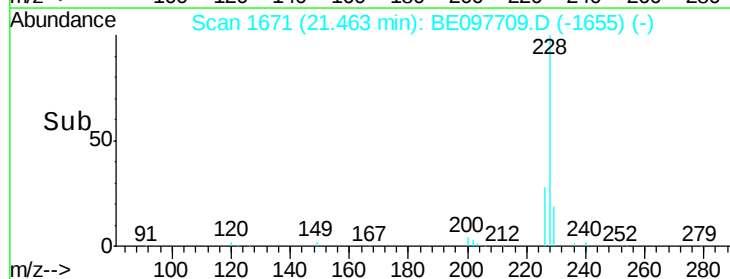
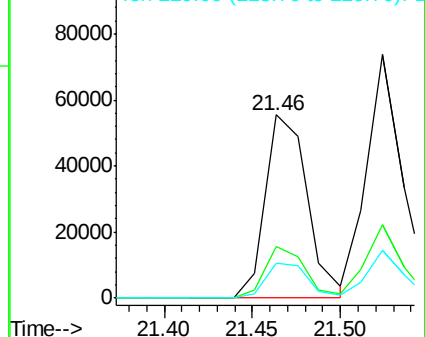
229 18.9 15.7 23.5

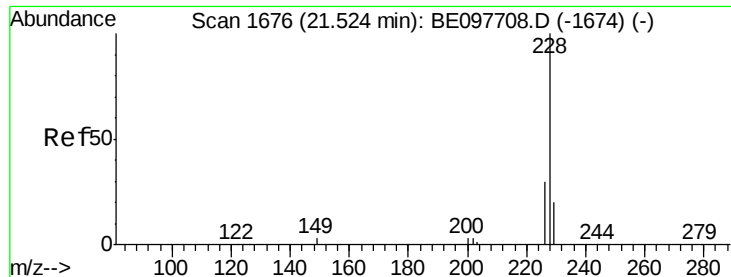


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.771 ng

RT: 21.52 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

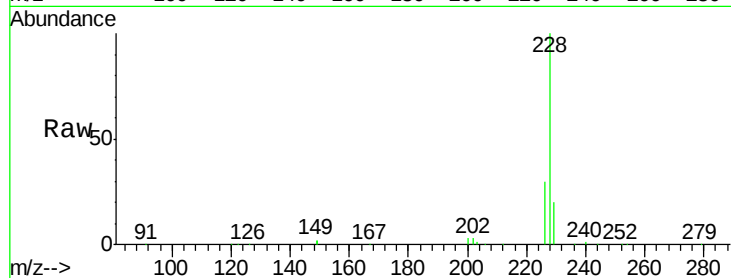
Tgt Ion:228 Resp: 102330

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

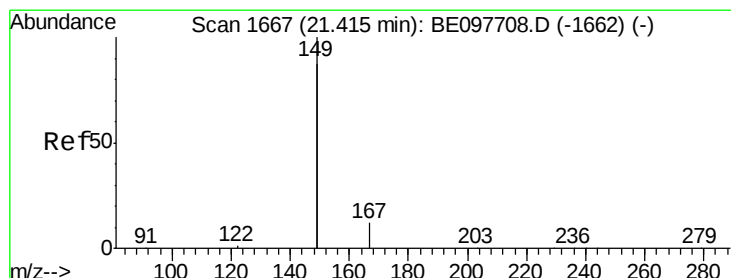
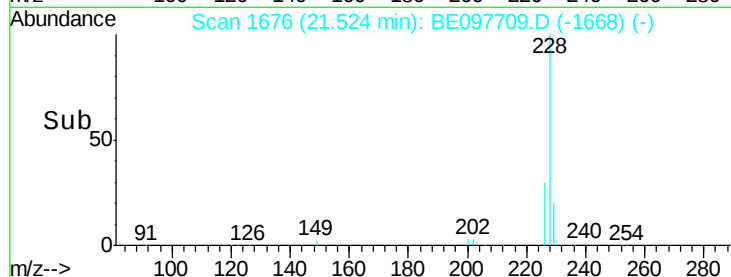
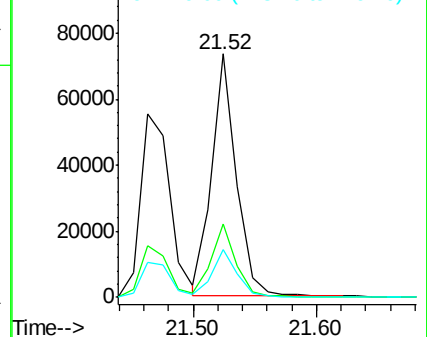
229 19.7 16.0 24.0



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: 0.489 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

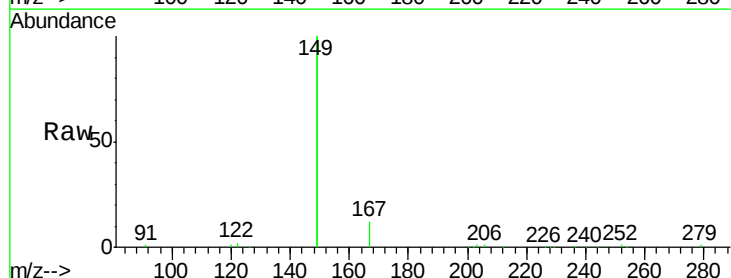
Tgt Ion:149 Resp: 64021

Ion Ratio Lower Upper

149 100

167 6.8 5.5 8.3

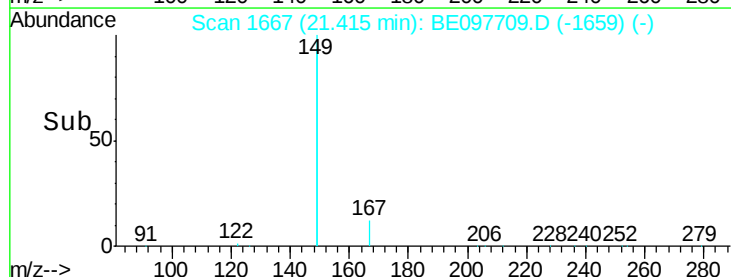
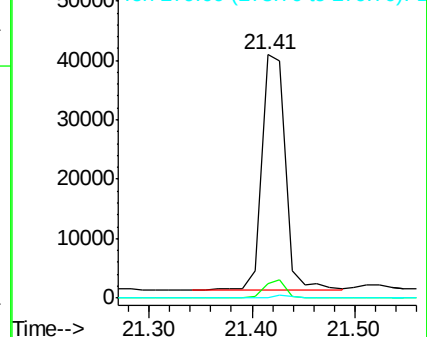
279 1.0 0.9 1.3

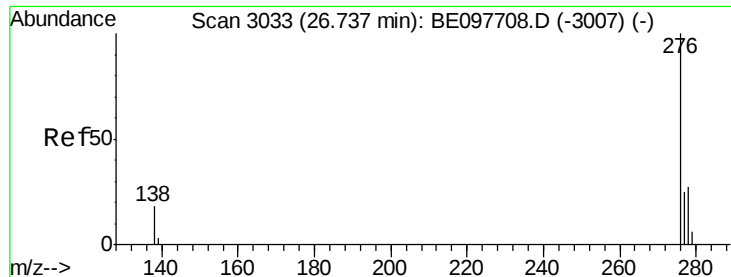


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.631 ng

RT: 26.74 min Scan# 3033

Delta R.T. 0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

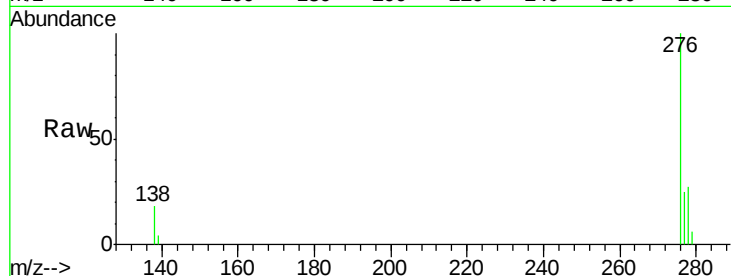
Tgt Ion:276 Resp: 88392

Ion Ratio Lower Upper

276 100

138 8.6 15.0 22.6#

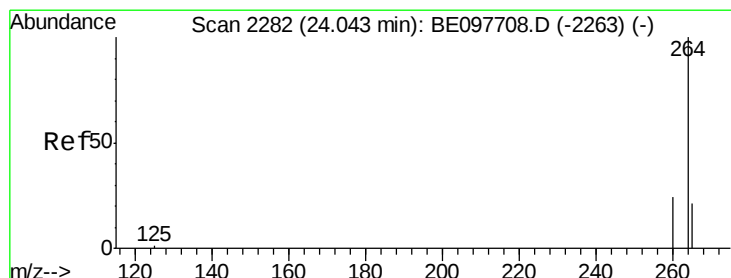
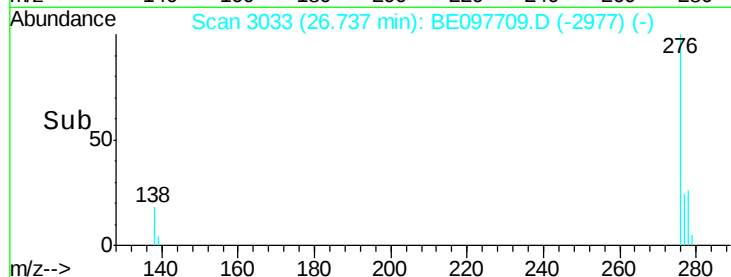
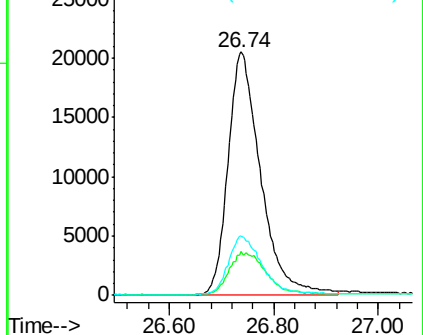
277 24.5 19.2 28.8



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: 24.04 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE097709.D

Acq: 3 Oct 2018 10:18

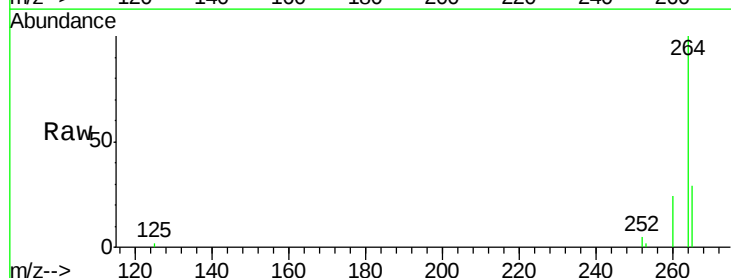
Tgt Ion:264 Resp: 37303

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

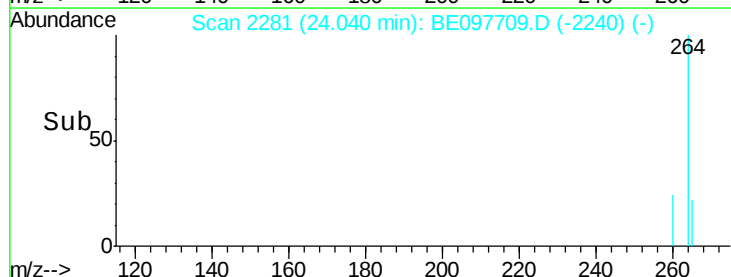
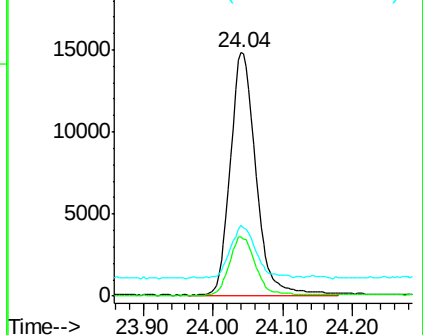
265 29.1 21.9 32.9

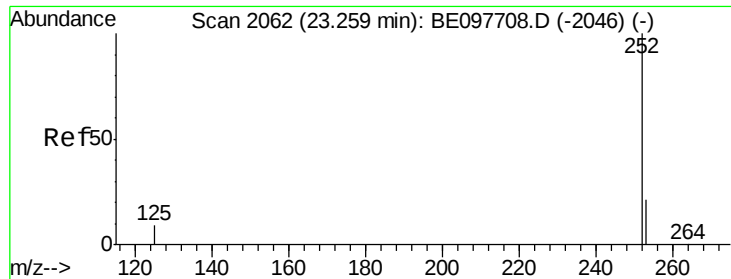


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

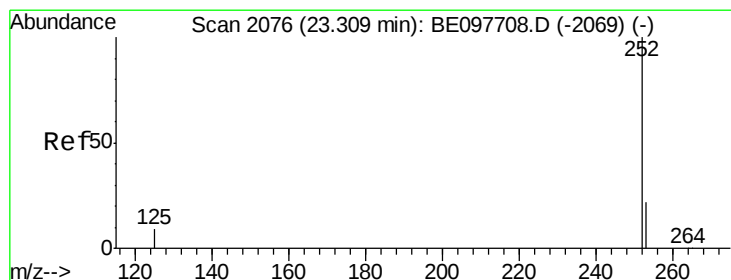
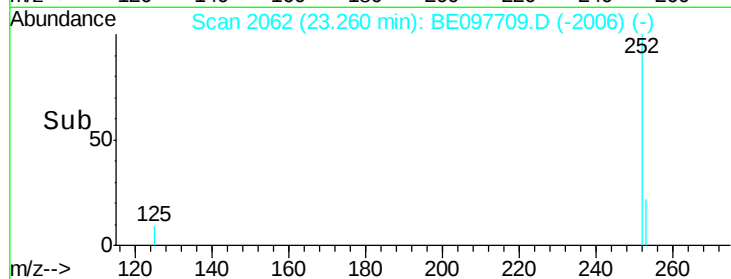
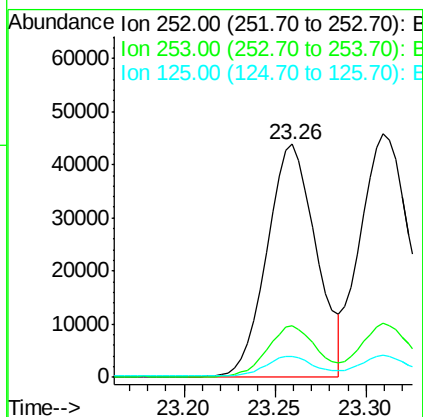
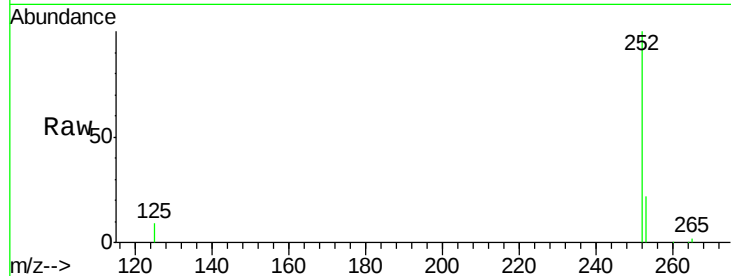




#35
Benzo(b)fluoranthene
Concen: 0.756 ng
RT: 23.26 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

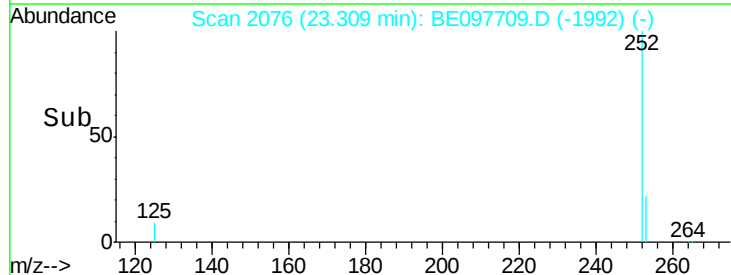
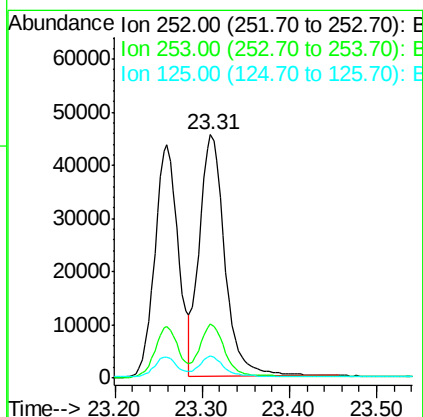
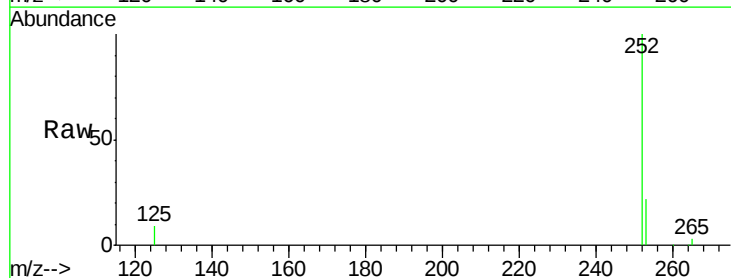
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

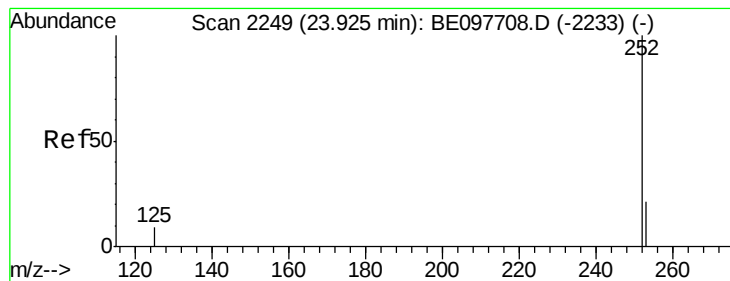
Tgt Ion:252 Resp: 81556
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.1 7.8 11.8



#36
Benzo(k)fluoranthene
Concen: 0.746 ng
RT: 23.31 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion:252 Resp: 92737
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.2 7.5 11.3

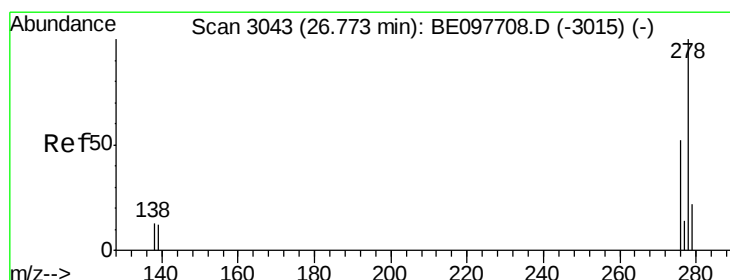
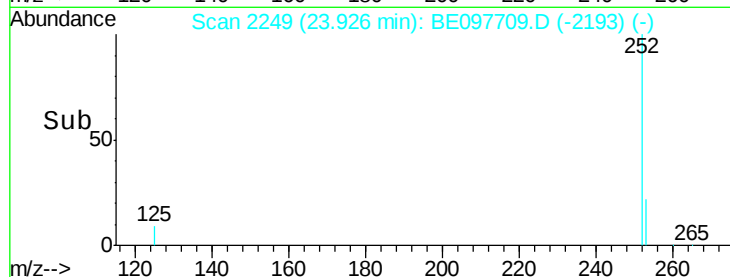
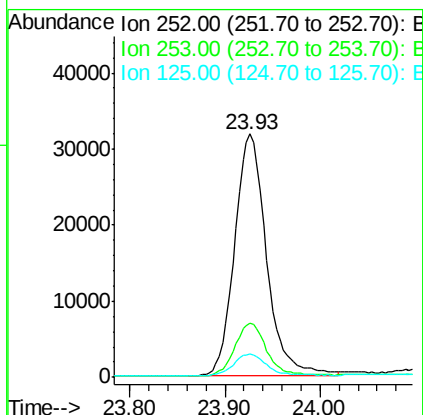
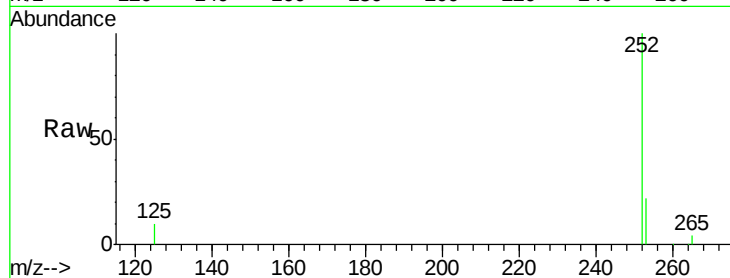




#37
Benzo(a)pyrene
Concen: 0.718 ng
RT: 23.93 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

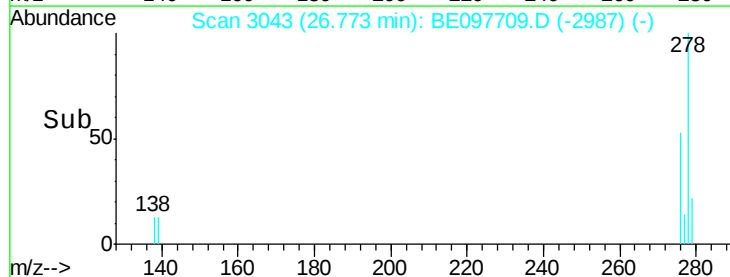
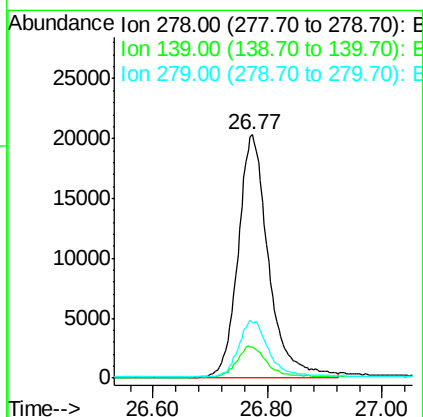
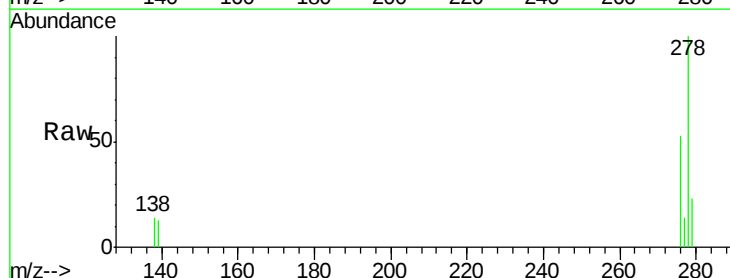
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

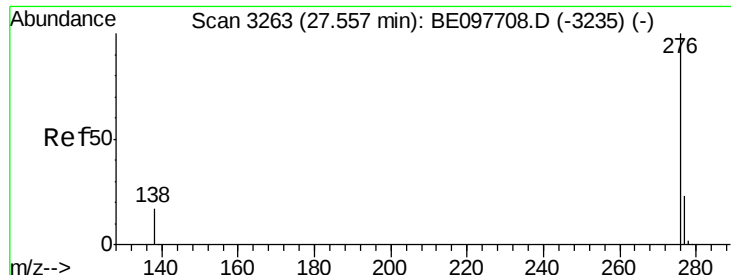
Tgt Ion: 252 Resp: 74276
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 9.7 8.3 12.5



#38
Dibenzo(a,h)anthracene
Concen: 0.663 ng
RT: 26.77 min Scan# 3043
Delta R.T. 0.00 min
Lab File: BE097709.D
Acq: 3 Oct 2018 10:18

Tgt Ion: 278 Resp: 74447
Ion Ratio Lower Upper
278 100
139 12.9 10.3 15.5
279 22.9 18.4 27.6





#39

Benzo(g,h,i)perylene

Concen: 0.675 ng

RT: 27.56 min Scan# 3263

Delta R.T. 0.00 min

Lab File: BE097709.D

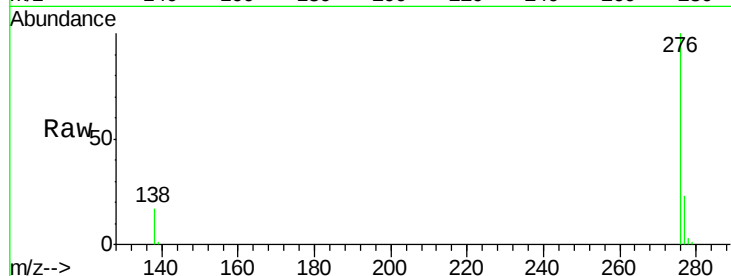
Acq: 3 Oct 2018 10:18

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8



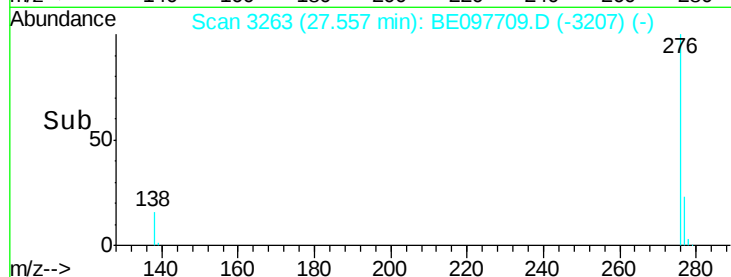
Tgt Ion: 276 Resp: 76785

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 16.7 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

