

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100318\
 Data File : BE097711.D
 Acq On : 3 Oct 2018 11:33
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Oct 03 12:12:05 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	5657	0.40	ng	0.00
7) Naphthalene-d8	10.69	136	24029	0.40	ng	0.00
13) Acenaphthene-d10	14.56	164	14477	0.40	ng	0.00
19) Phenanthrene-d10	17.30	188	37300	0.40	ng	0.00
27) Chrysene-d12	21.49	240	51035	0.40	ng	0.00
34) Perylene-d12	24.04	264	43064	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	44008	3.15	ng	0.00
5) Phenol-d6	7.04	99	66858	3.47	ng	0.00
8) Nitrobenzene-d5	9.04	82	28138	1.65	ng	0.00
11) 2-Methylnaphthalene-d10	12.30	152	124086	3.32	ng	0.00
14) 2,4,6-Tribromophenol	16.04	330	10923	1.93	ng	0.00
15) 2-Fluorobiphenyl	13.17	172	183949	3.02	ng	-0.01
25) Fluoranthene-d10	19.33	212	1632939	3.61	ng	0.00
29) Terphenyl-d14	19.93	244	334640	3.04	ng	0.00

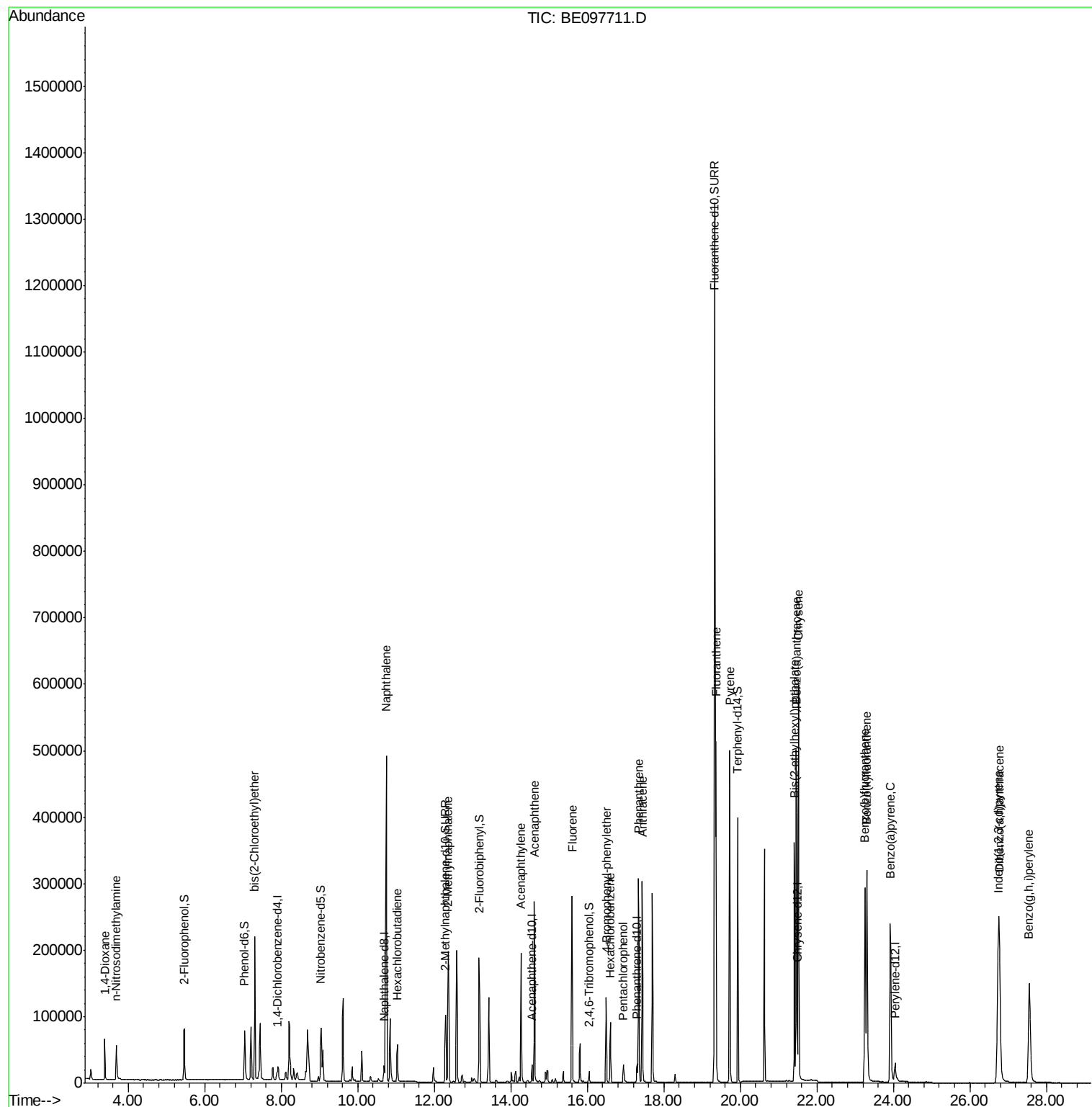
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.39	88	34029	2.886	ng	96
3) n-Nitrosodimethylamine	3.69	42	35554	5.018	ng	# 86
6) bis(2-Chloroethyl)ether	7.31	93	67781	3.591	ng	99
9) Naphthalene	10.74	128	767616	3.234	ng	100
10) Hexachlorobutadiene	11.04	225	39770	3.585	ng	99
12) 2-Methylnaphthalene	12.37	142	130884	3.608	ng	100
16) Acenaphthylene	14.27	152	216862	3.510	ng	99
17) Acenaphthene	14.62	154	134132	3.226	ng	96
18) Fluorene	15.60	166	181746	3.420	ng	99
20) 4-Bromophenyl-phenylether	16.50	248	66964	3.522	ng	92
21) Hexachlorobenzene	16.60	284	70487	3.296	ng	99
22) Pentachlorophenol	16.94	266	15684	3.192	ng	92
23) Phenanthrene	17.34	178	313217	3.247	ng	100
24) Anthracene	17.43	178	295734	3.728	ng	100
26) Fluoranthene	19.36	202	427749	3.573	ng	99
28) Pyrene	19.72	202	431273	3.247	ng	100
30) Benzo(a)anthracene	21.46	228	485135	3.843	ng	97
31) Chrysene	21.52	228	490480	3.106	ng	99
32) Bis(2-ethylhexyl)phthalate	21.42	149	465514	2.990	ng	100
33) Indeno(1,2,3-cd)pyrene	26.73	276	464453	2.786	ng	98
35) Benzo(b)fluoranthene	23.26	252	420270	3.377	ng	99
36) Benzo(k)fluoranthene	23.31	252	469799	3.272	ng	99
37) Benzo(a)pyrene	23.92	252	395181	3.311	ng	99
38) Dibenzo(a,h)anthracene	26.77	278	396606	3.062	ng	99
39) Benzo(g,h,i)perylene	27.55	276	392634	2.989	ng	99

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

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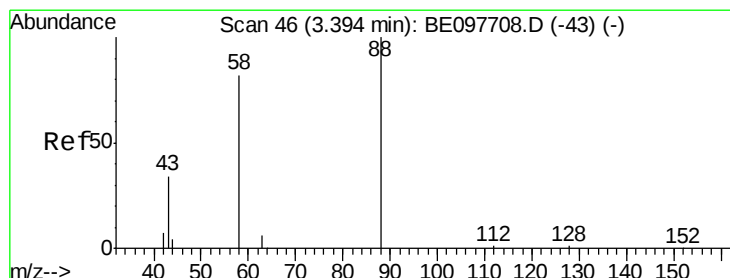
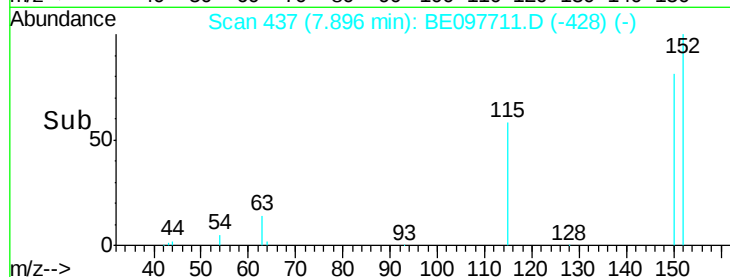
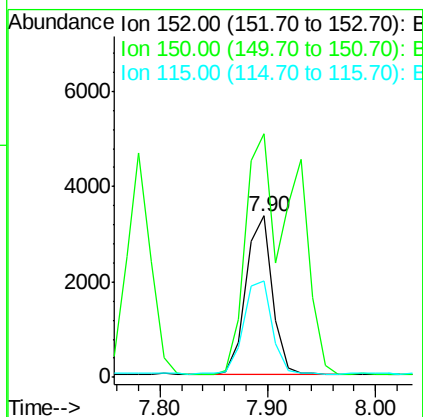
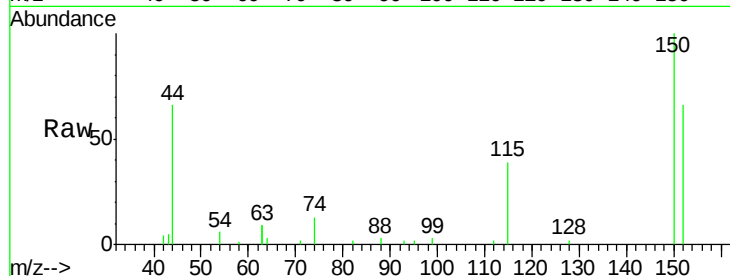


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 437
Delta R.T. -0.00 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

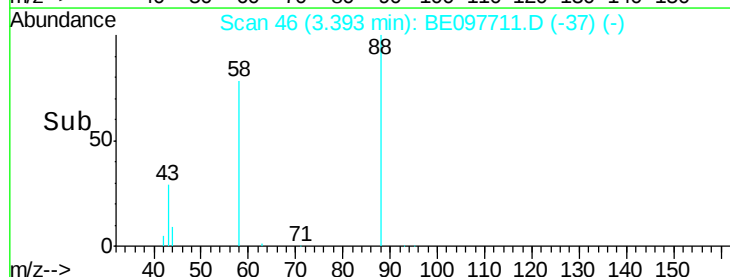
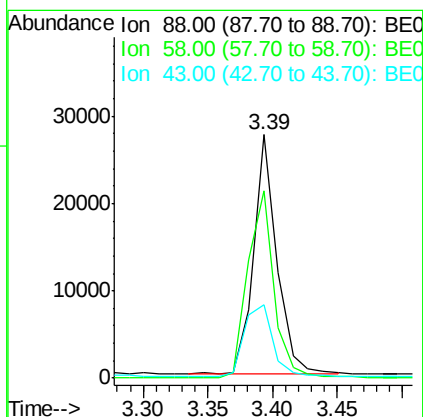
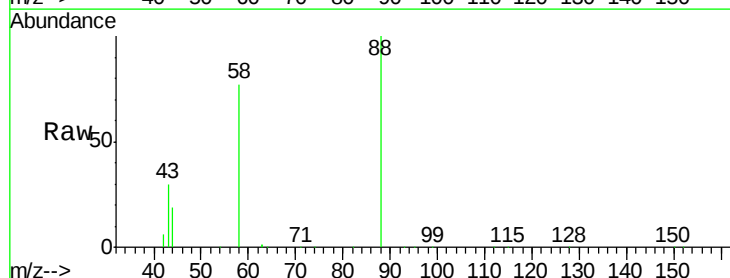
Tgt Ion:152 Resp: 5657
Ion Ratio Lower Upper
152 100
150 151.0 120.9 181.3
115 59.5 46.6 69.8

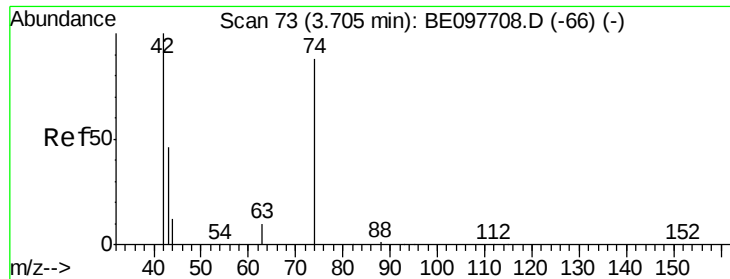


#2

1,4-Dioxane
Concen: 2.886 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

Tgt Ion: 88 Resp: 34029
Ion Ratio Lower Upper
88 100
58 86.9 70.8 106.2
43 36.6 33.3 49.9





#3

n-Nitrosodimethylamine

Concen: 5.018 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

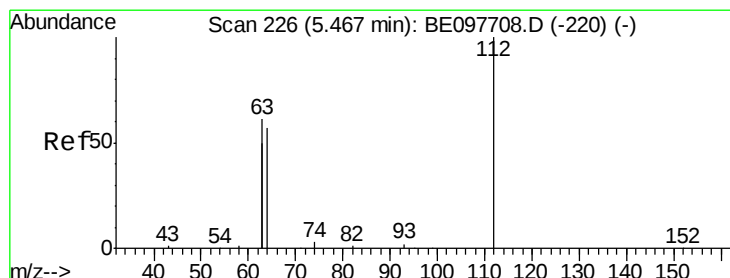
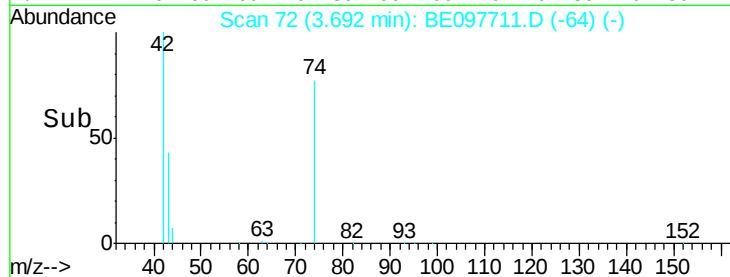
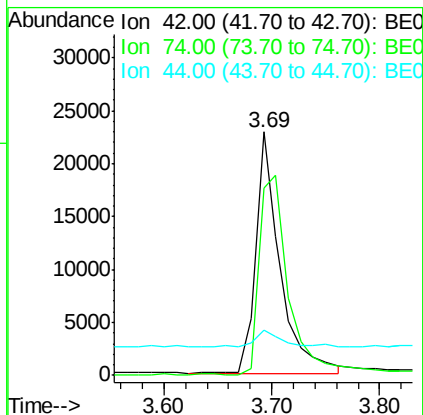
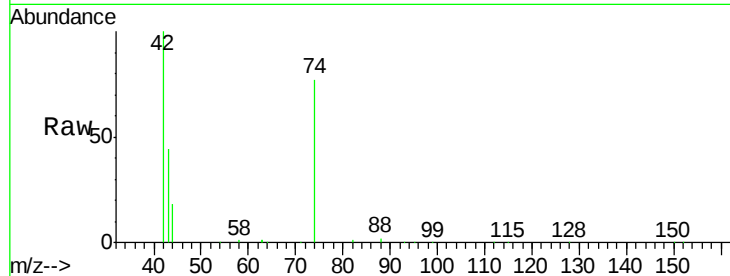
Tgt Ion: 42 Resp: 35554

Ion Ratio Lower Upper

42 100

74 99.1 70.7 106.1

44 8.1 15.0 22.4#



#4

2-Fluorophenol

Concen: 3.148 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

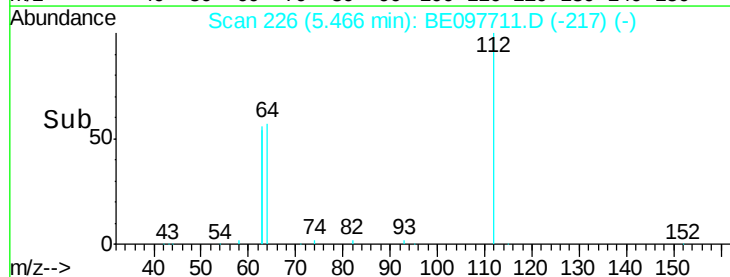
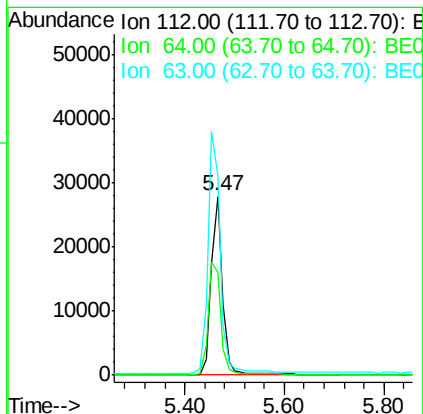
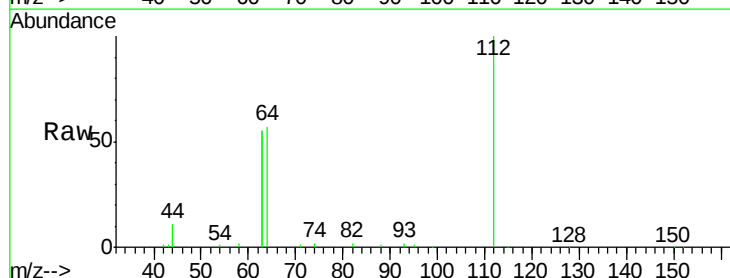
Tgt Ion: 112 Resp: 44008

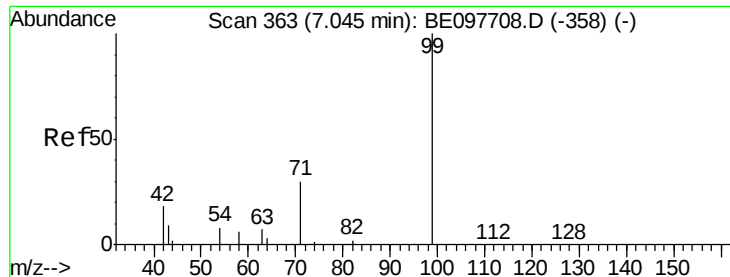
Ion Ratio Lower Upper

112 100

64 70.6 56.6 84.8

63 145.6 119.4 179.0





#5

Phenol-d6

Concen: 3.469 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

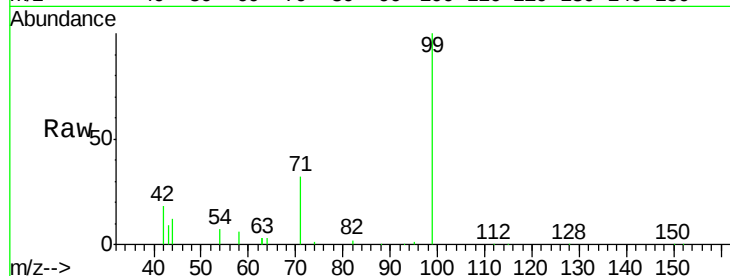
Tgt Ion: 99 Resp: 66858

Ion Ratio Lower Upper

99 100

42 25.2 19.9 29.9

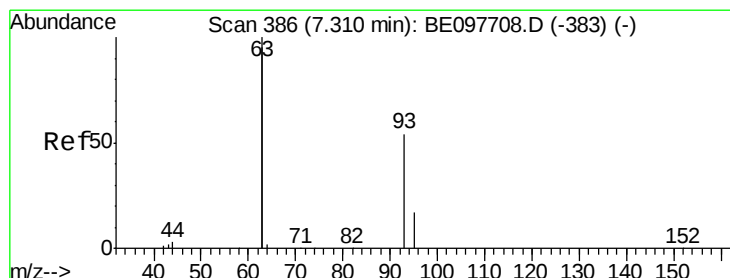
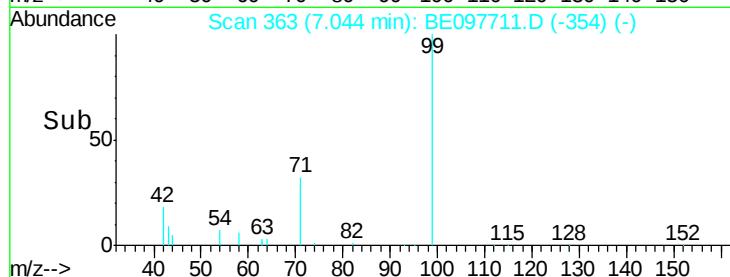
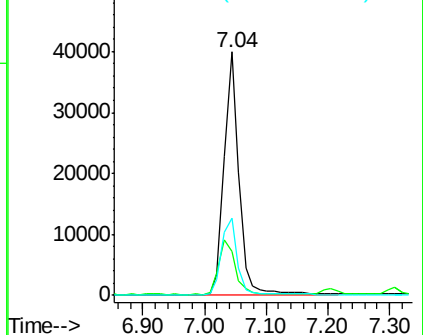
71 33.8 25.4 38.2



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: 3.591 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

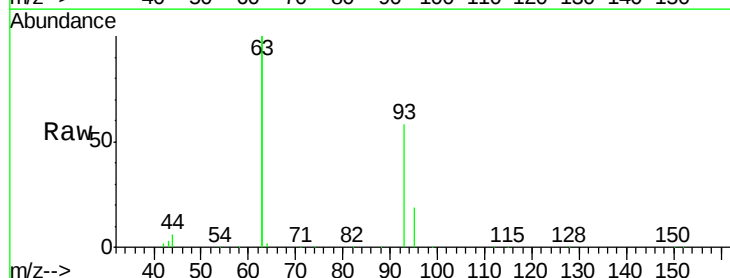
Tgt Ion: 93 Resp: 67781

Ion Ratio Lower Upper

93 100

63 335.4 266.9 400.3

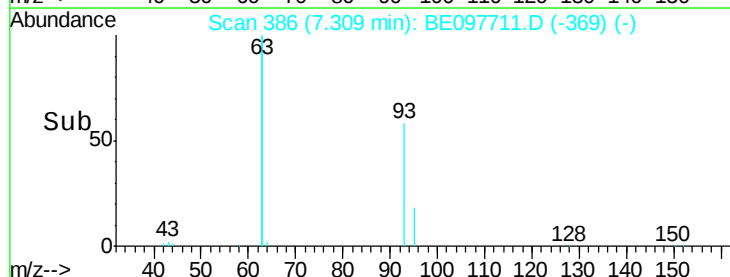
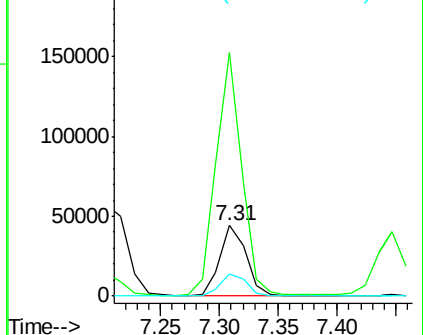
95 32.2 26.2 39.2

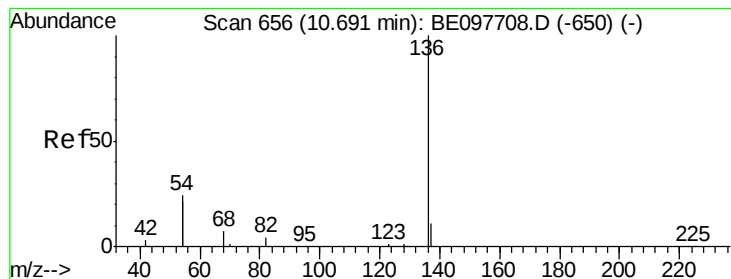


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion: 136 Resp: 24029

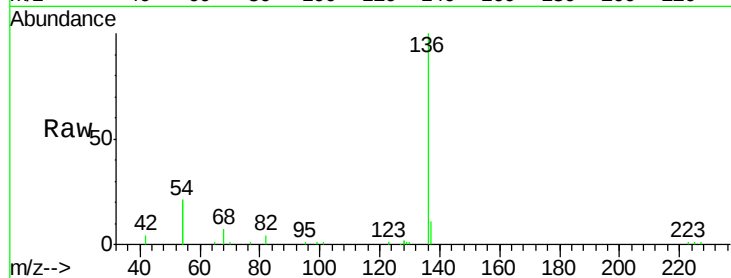
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 41.2 37.8 56.6

68 7.1 6.4 9.6

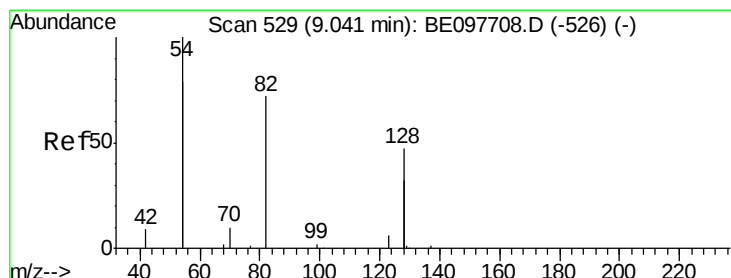
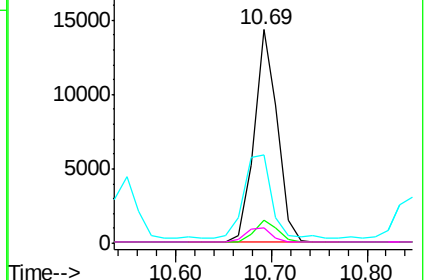
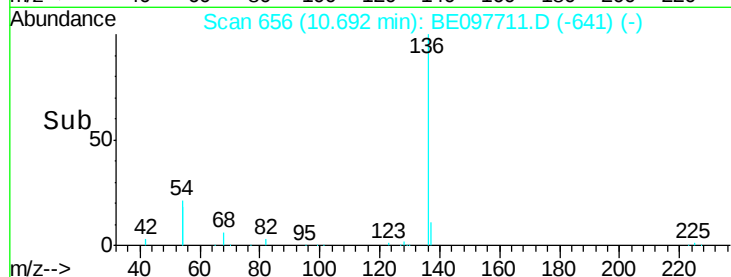


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.652 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

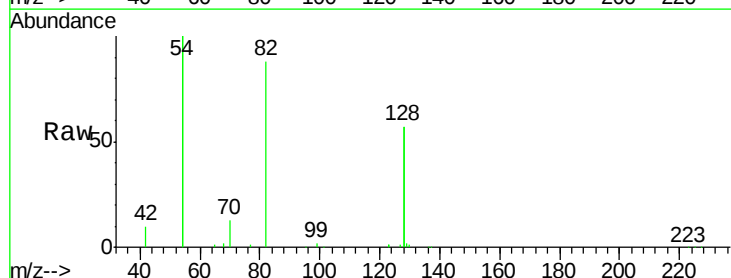
Tgt Ion: 82 Resp: 28138

Ion Ratio Lower Upper

82 100

128 128.6 97.0 145.4

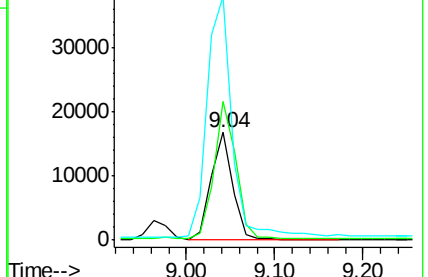
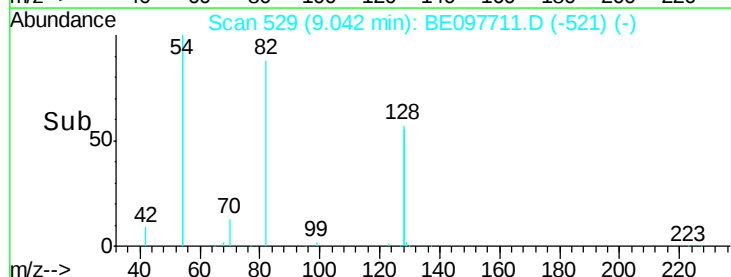
54 226.4 206.9 310.3

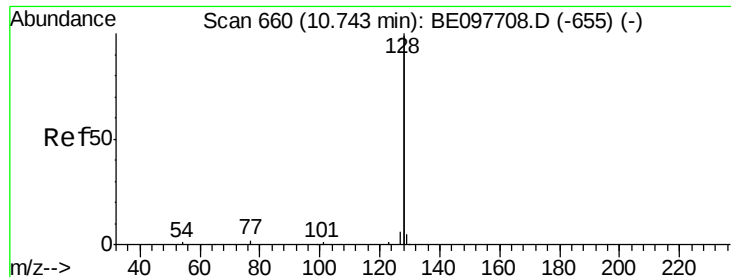


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.234 ng

RT: 10.74 min Scan# 660

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

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ClientSampleId :

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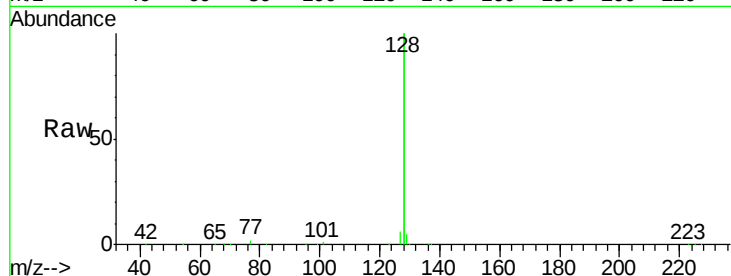
Tgt Ion:128 Resp: 767616

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.2

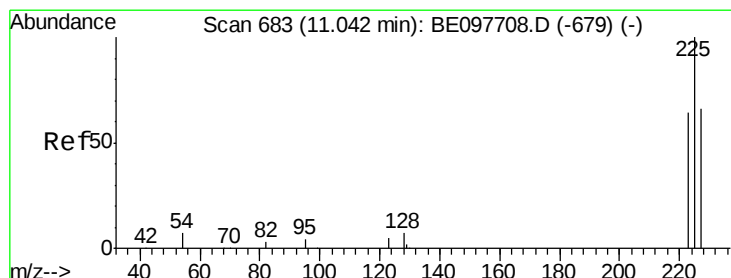
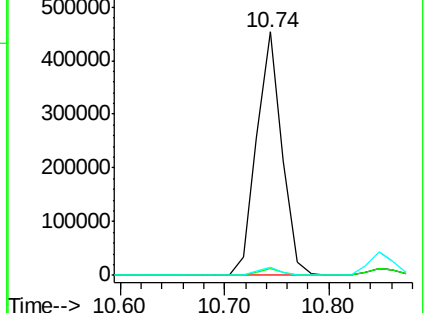
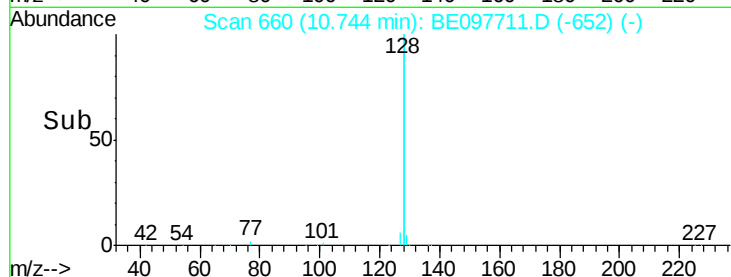
127 3.2 2.7 4.1



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: 3.585 ng

RT: 11.04 min Scan# 683

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

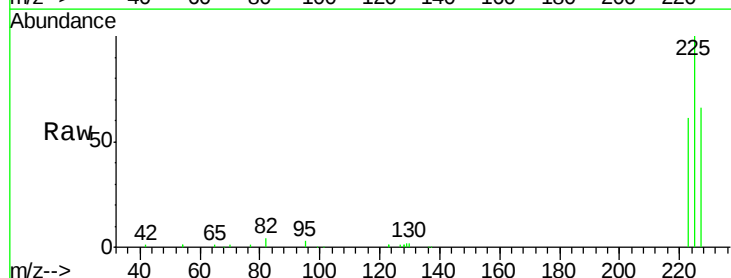
Tgt Ion:225 Resp: 39770

Ion Ratio Lower Upper

225 100

223 63.3 52.2 78.4

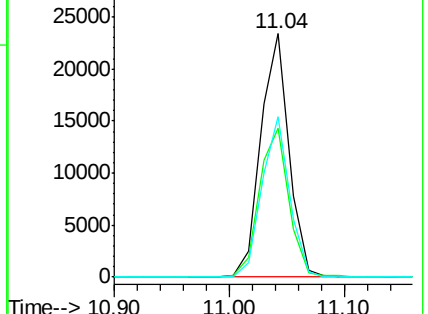
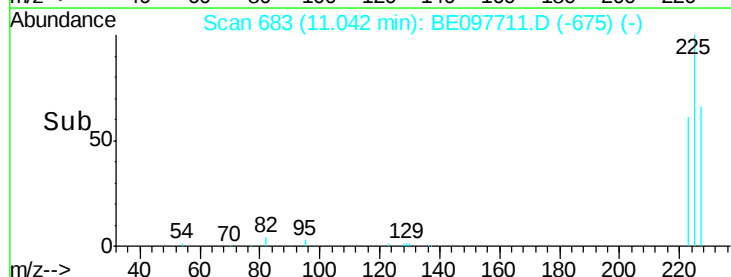
227 63.9 51.2 76.8

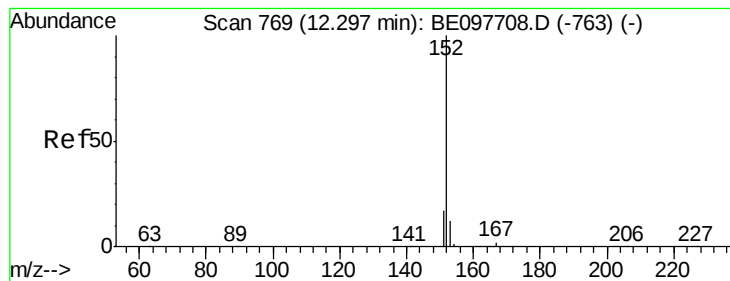


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.323 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

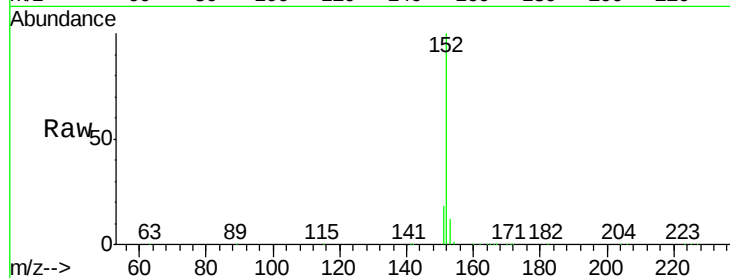
SSTDICC3.2

Tgt Ion:152 Resp: 124086

Ion Ratio Lower Upper

152 100

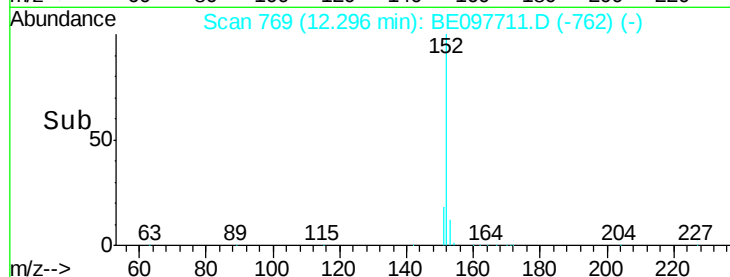
151 19.4 15.4 23.2



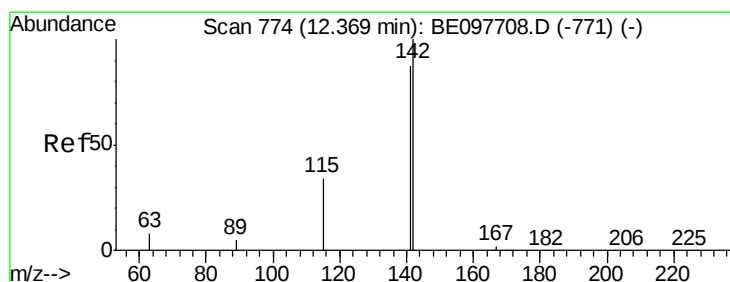
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.30



Time-->



#12

2-Methylnaphthalene

Concen: 3.608 ng

RT: 12.37 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

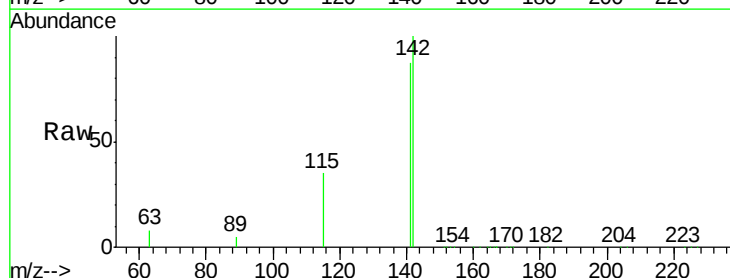
Tgt Ion:142 Resp: 130884

Ion Ratio Lower Upper

142 100

141 87.2 69.4 104.2

115 35.2 28.0 42.0

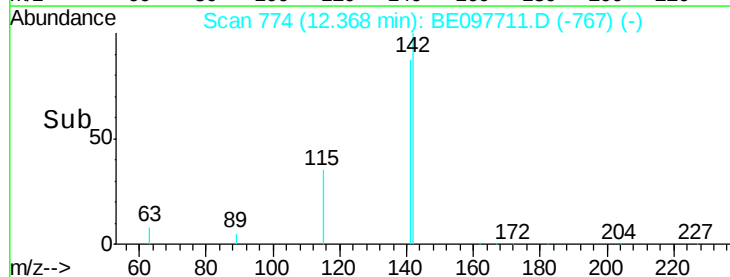


Abundance Ion 142.00 (141.70 to 142.70): E

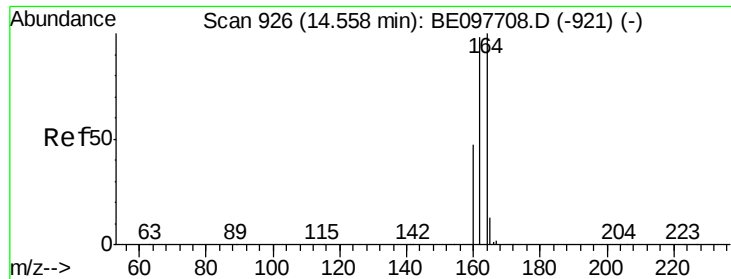
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.37



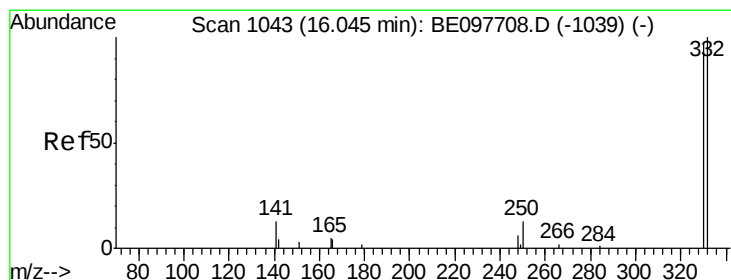
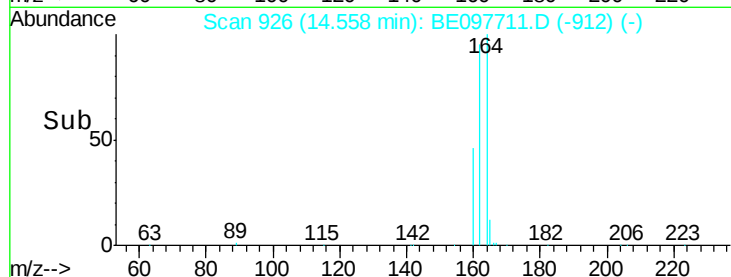
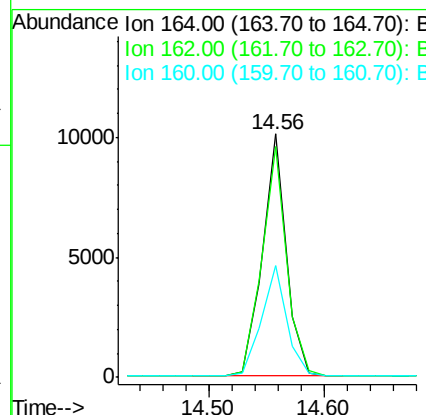
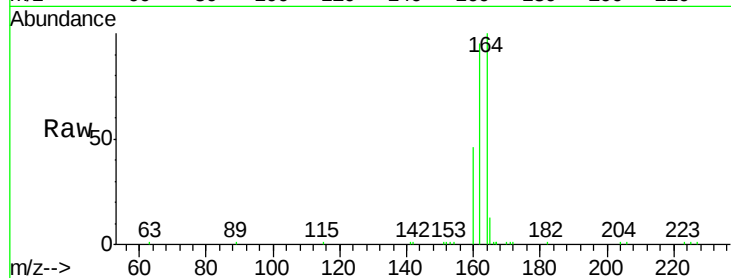
Time-->



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

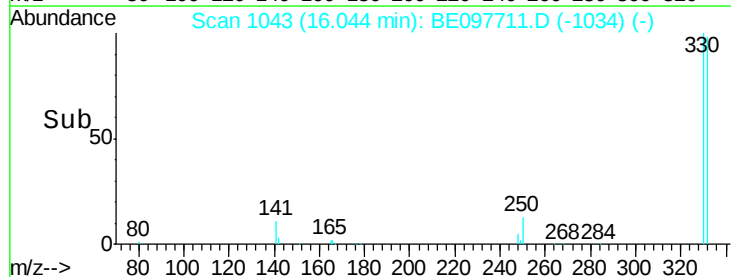
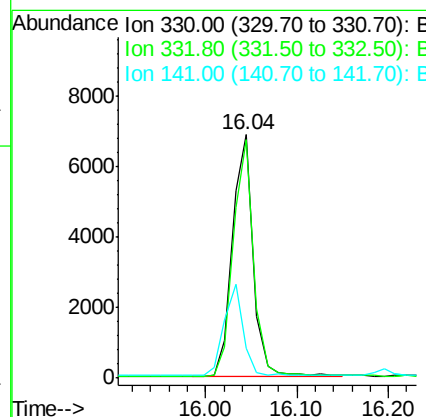
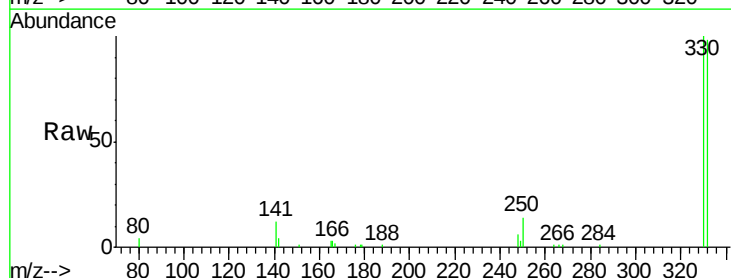
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

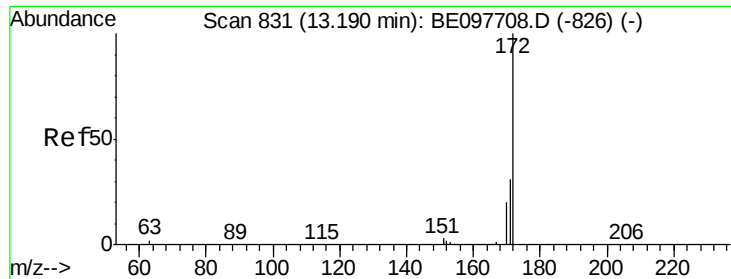
Tgt Ion:164 Resp: 14477
Ion Ratio Lower Upper
164 100
162 94.7 78.6 117.8
160 46.1 37.8 56.6



#14
2,4,6-Tribromophenol
Concen: 1.932 ng
RT: 16.04 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

Tgt Ion:330 Resp: 10923
Ion Ratio Lower Upper
330 100
332 97.1 83.5 125.3
141 34.8 34.9 52.3#

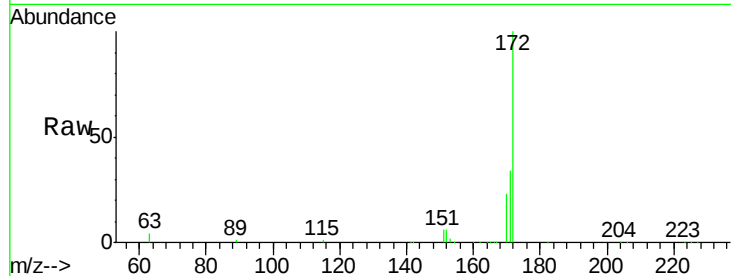




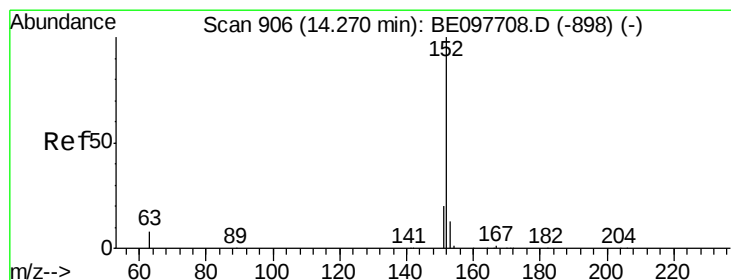
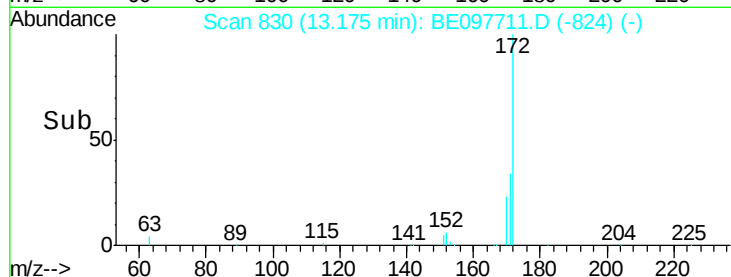
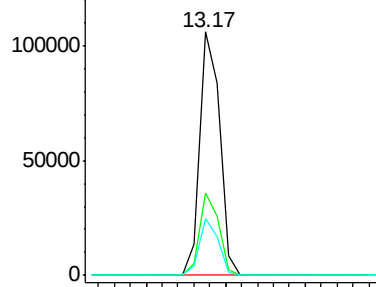
#15
2-Fluorobiphenyl
Concen: 3.025 ng
RT: 13.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 183949
Ion Ratio Lower Upper
172 100
171 33.7 25.2 37.8
170 23.3 16.2 24.2

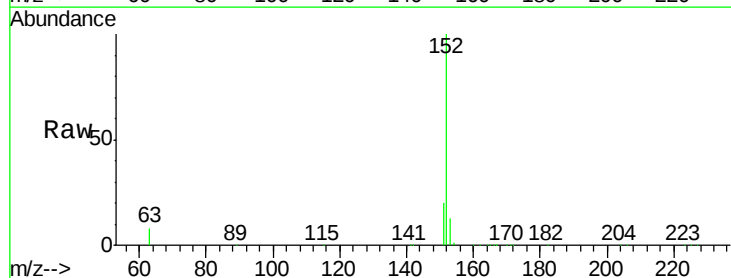


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

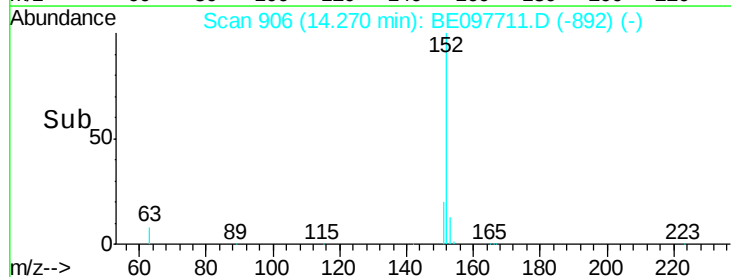
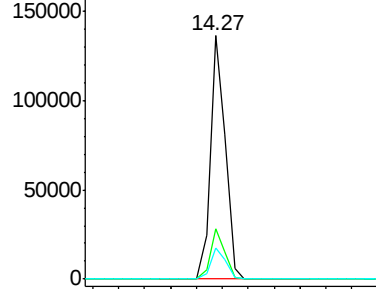


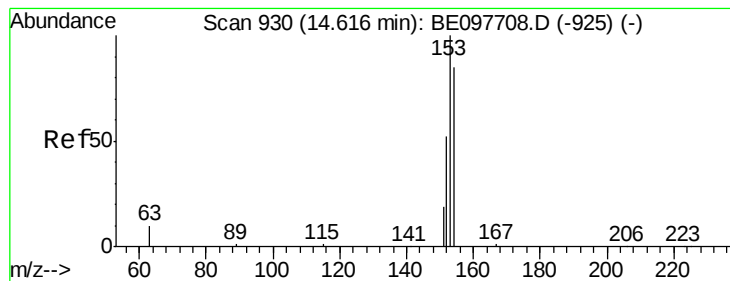
#16
Acenaphthylene
Concen: 3.510 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

Tgt Ion:152 Resp: 216862
Ion Ratio Lower Upper
152 100
151 19.8 15.3 22.9
153 13.0 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: 3.226 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

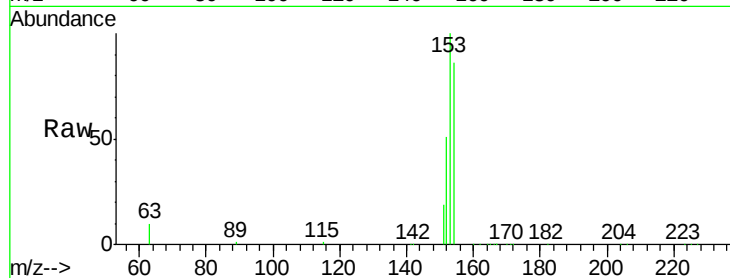
Tgt Ion:154 Resp: 134132

Ion Ratio Lower Upper

154 100

153 112.2 93.3 139.9

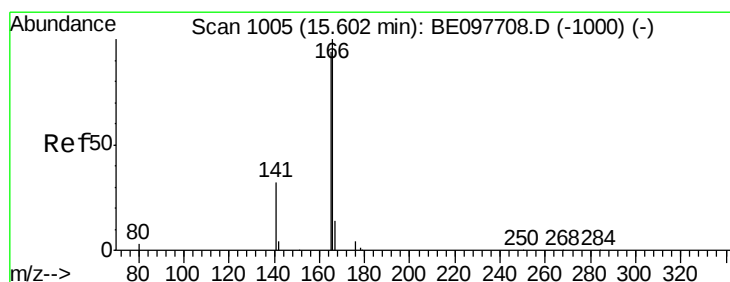
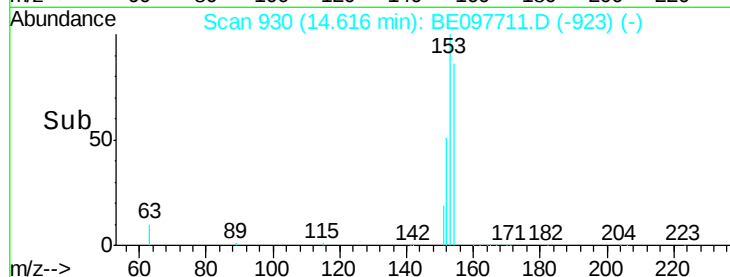
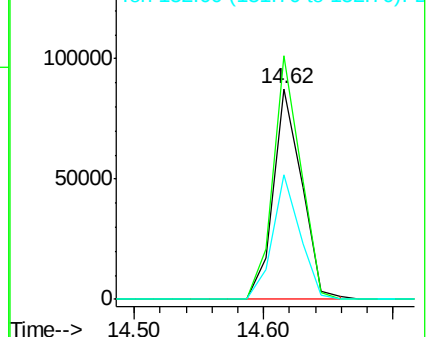
152 57.0 48.9 73.3



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: 3.420 ng

RT: 15.60 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

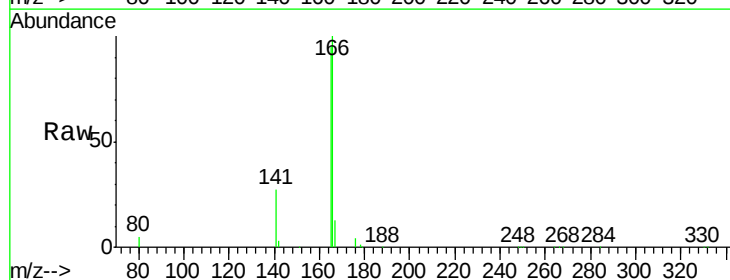
Tgt Ion:166 Resp: 181746

Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.4

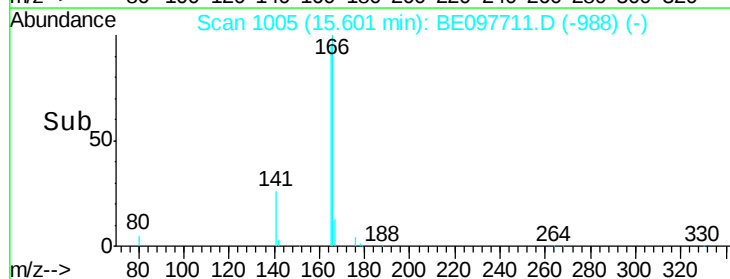
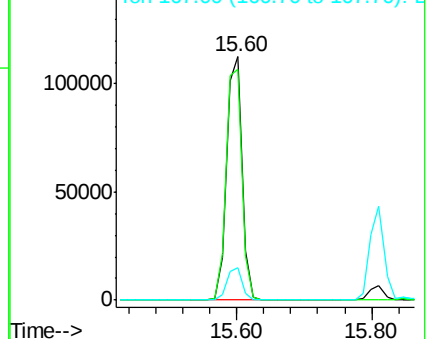
167 13.3 11.1 16.7

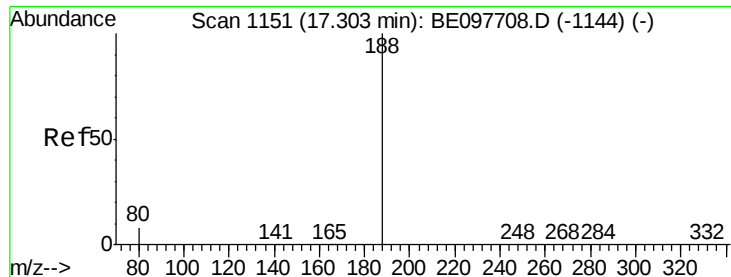


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

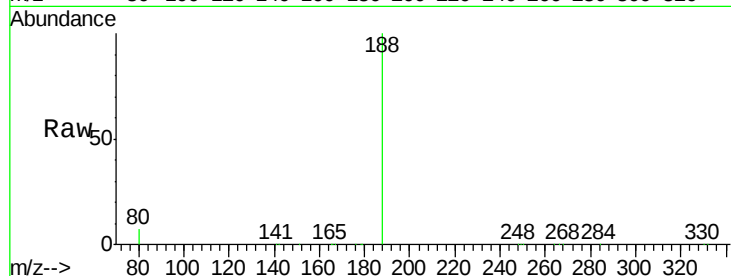
Tgt Ion:188 Resp: 37300

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

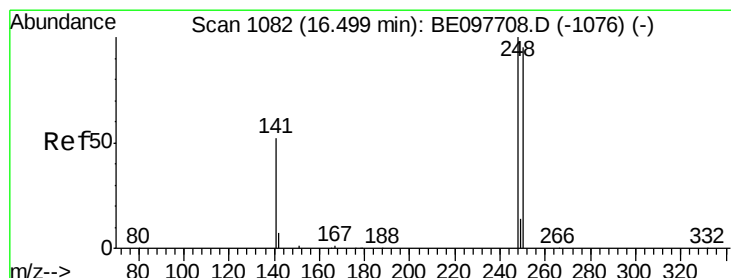
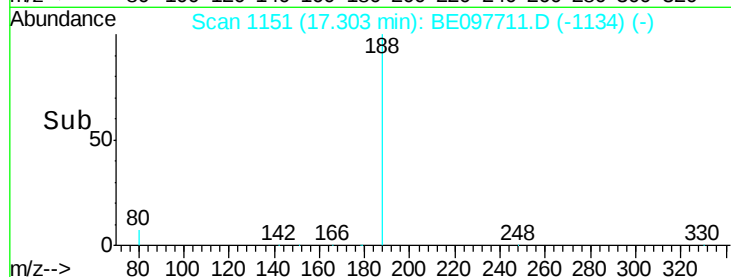
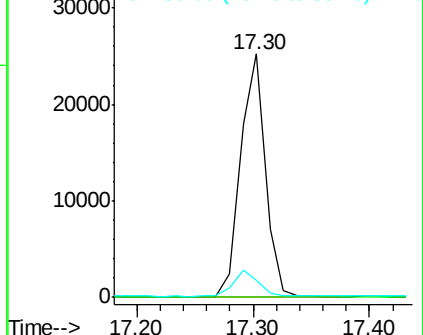
80 7.2 6.6 9.8



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: 3.522 ng

RT: 16.50 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

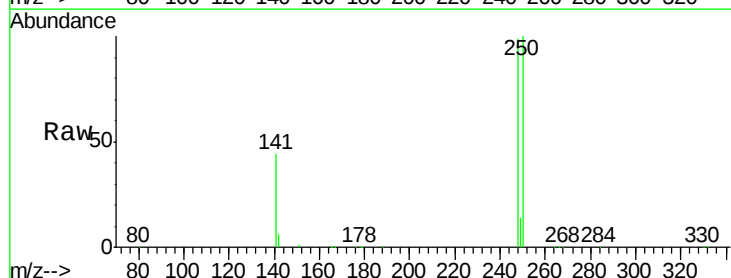
Tgt Ion:248 Resp: 66964

Ion Ratio Lower Upper

248 100

250 101.5 76.1 114.1

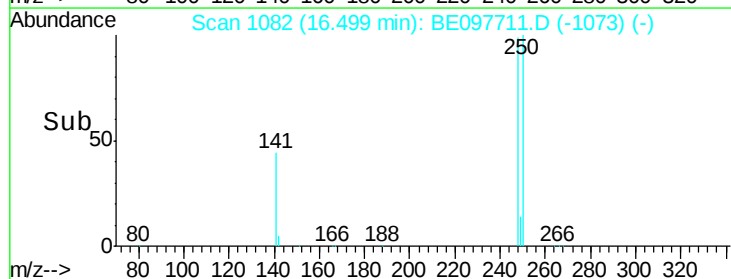
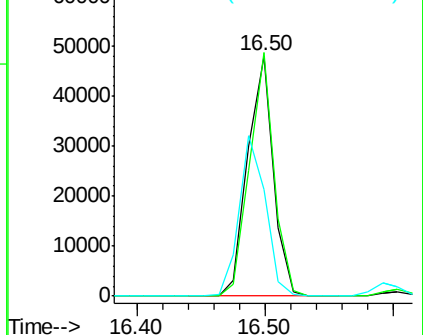
141 44.4 42.2 63.4

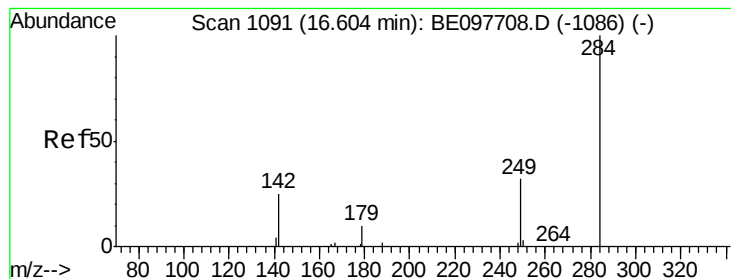


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.296 ng

RT: 16.60 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

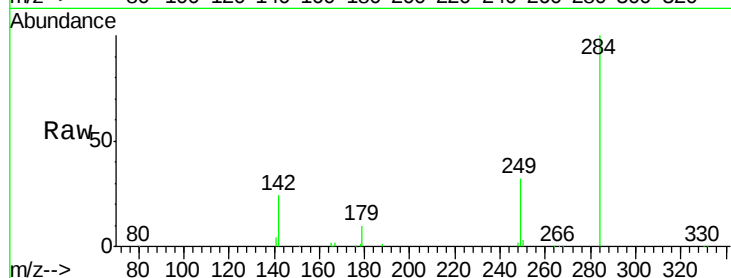
Tgt Ion:284 Resp: 70487

Ion Ratio Lower Upper

284 100

142 32.2 24.9 37.3

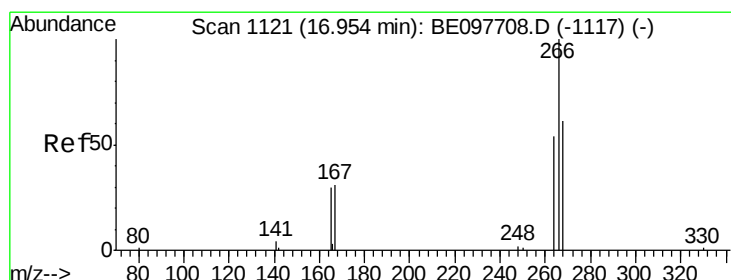
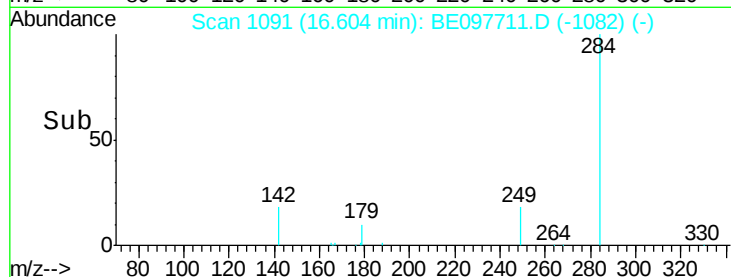
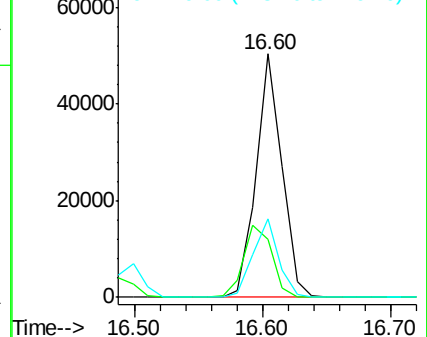
249 31.7 25.8 38.8



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: 3.192 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

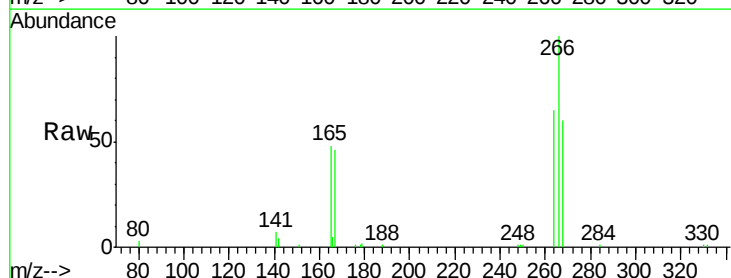
Tgt Ion:266 Resp: 15684

Ion Ratio Lower Upper

266 100

264 65.0 46.8 70.2

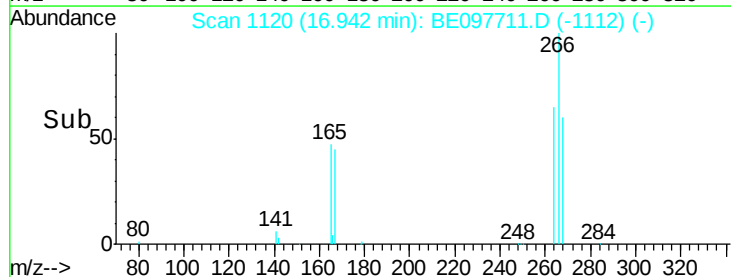
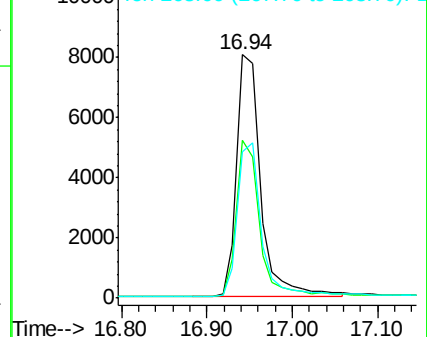
268 59.9 53.0 79.6

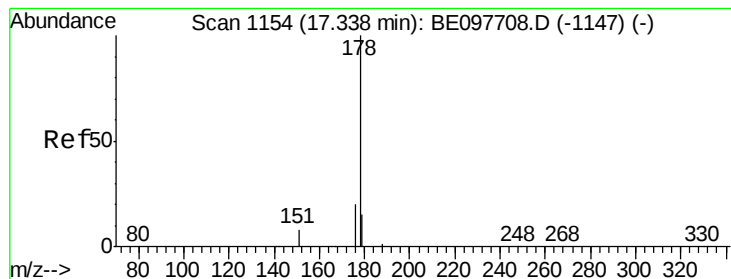


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.247 ng

RT: 17.34 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

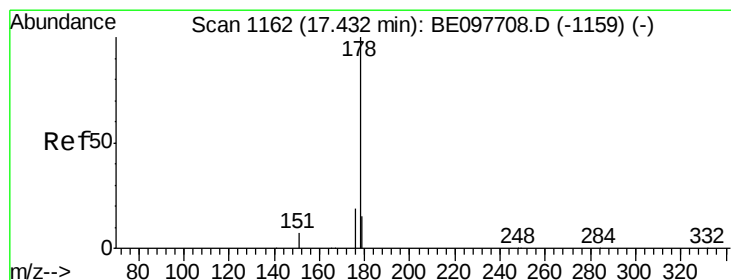
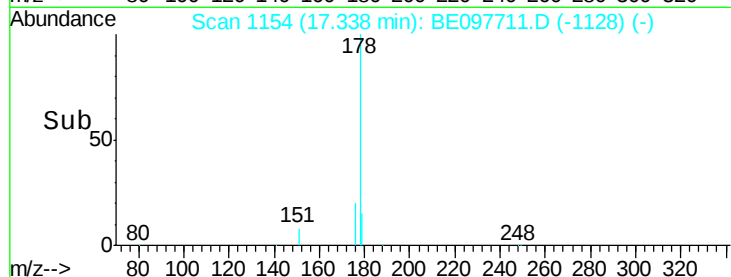
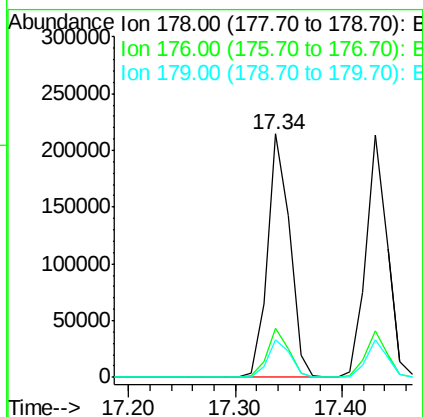
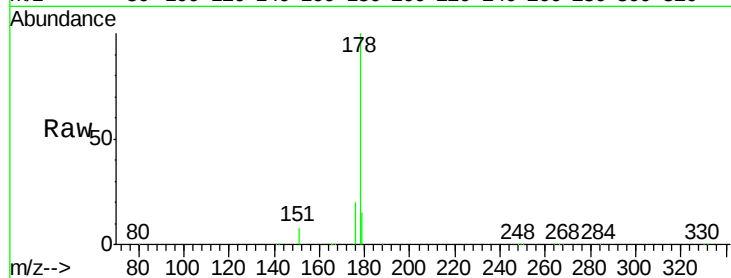
Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tgt Ion:	178	Resp:	313217
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.2	18.4



#24

Anthracene

Concen: 3.728 ng

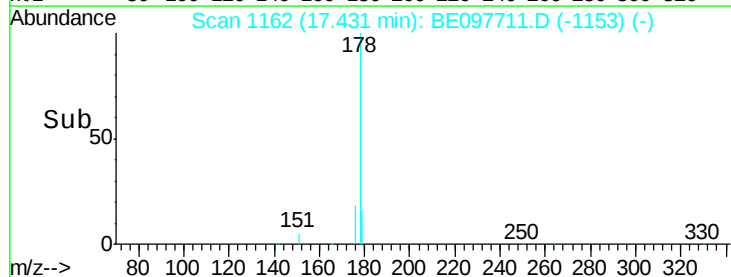
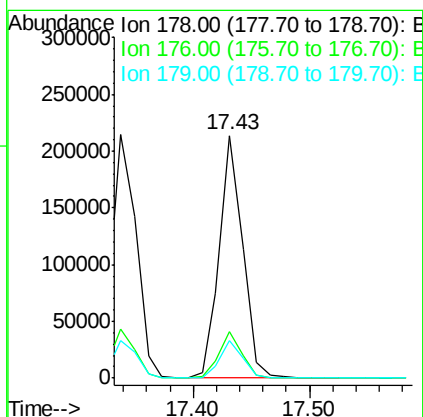
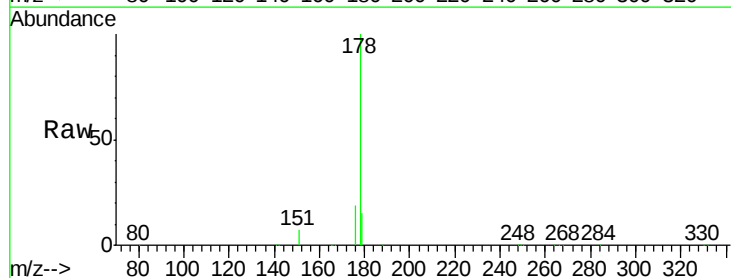
RT: 17.43 min Scan# 1162

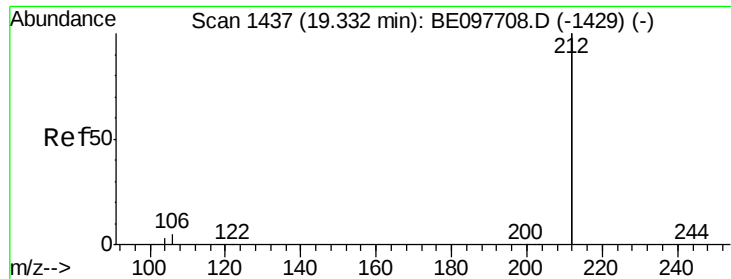
Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Tgt Ion:	178	Resp:	295734
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	12.2	18.2

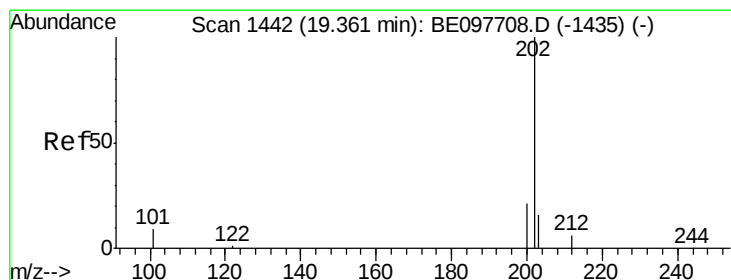
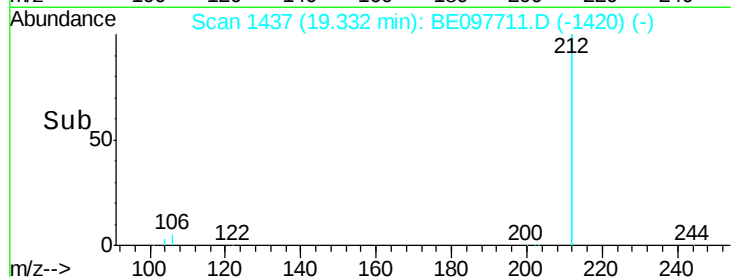
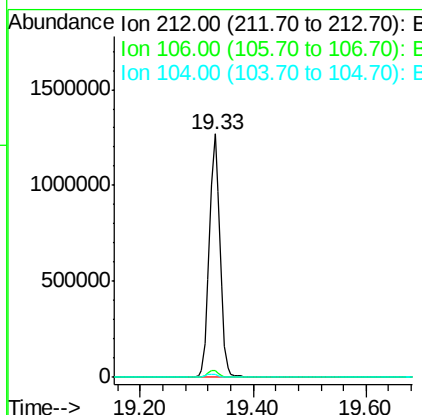
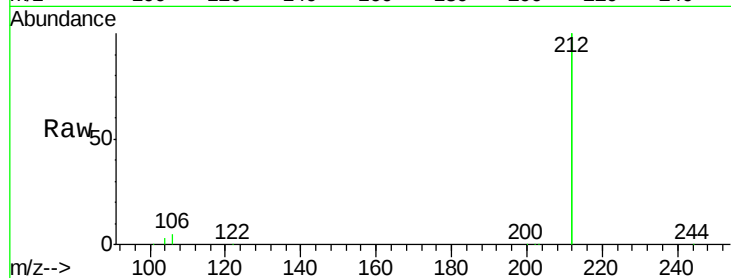




#25
 Fluoranthene-d10
 Concen: 3.611 ng
 RT: 19.33 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BE097711.D
 Acq: 3 Oct 2018 11:33

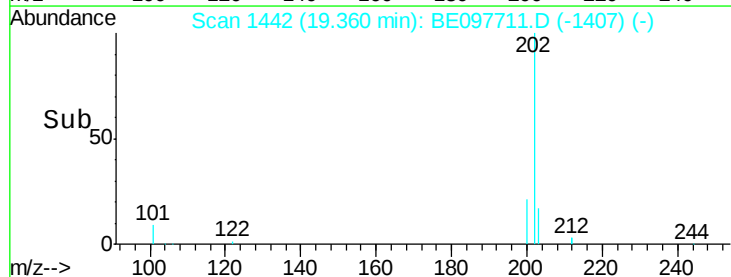
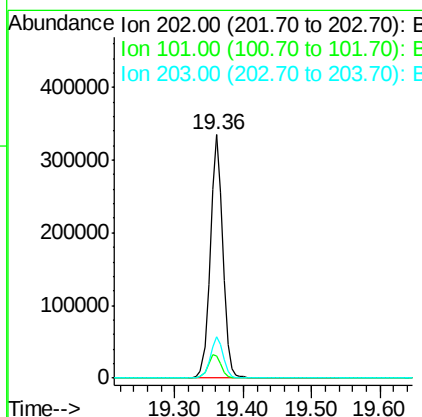
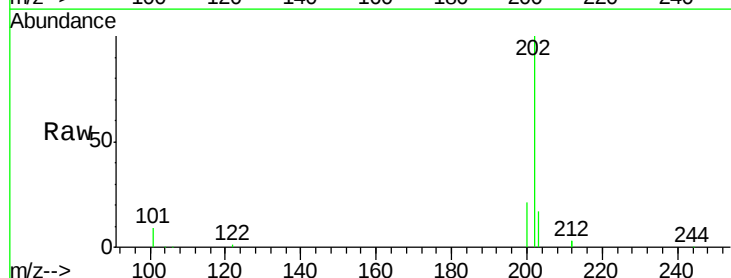
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

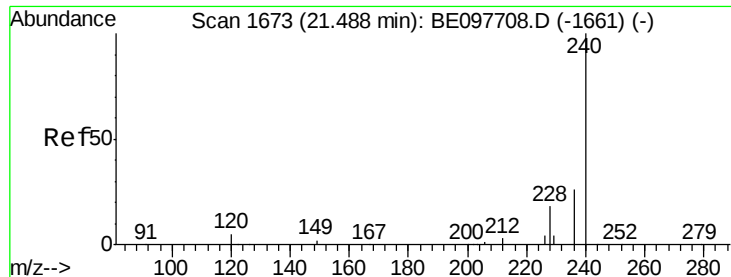
Tgt Ion:212 Resp: 1632939
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.2
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 3.573 ng
 RT: 19.36 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BE097711.D
 Acq: 3 Oct 2018 11:33

Tgt Ion:202 Resp: 427749
 Ion Ratio Lower Upper
 202 100
 101 10.2 7.8 11.8
 203 17.3 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

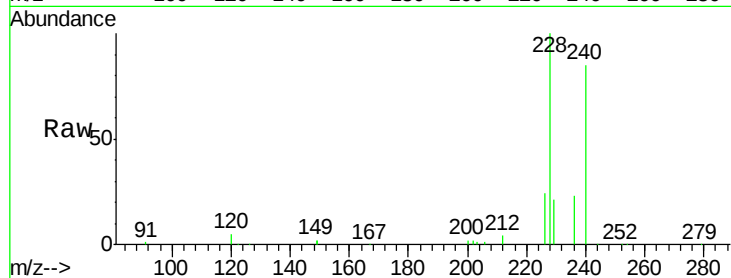
Tgt Ion:240 Resp: 51035

Ion Ratio Lower Upper

240 100

120 6.0 4.7 7.1

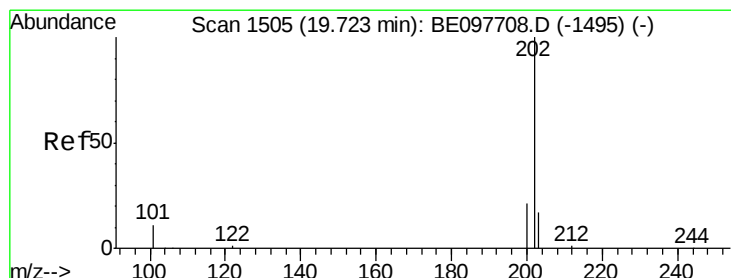
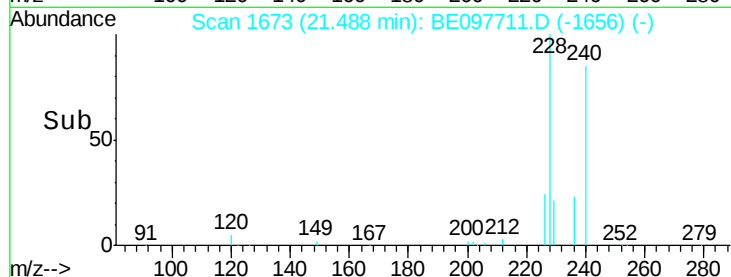
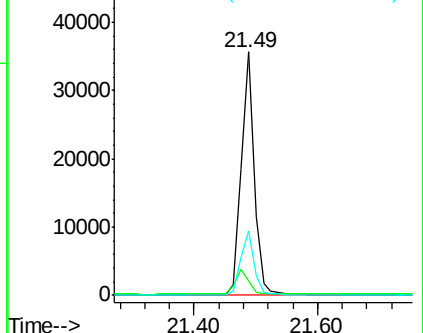
236 26.7 20.8 31.2



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: 3.247 ng

RT: 19.72 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

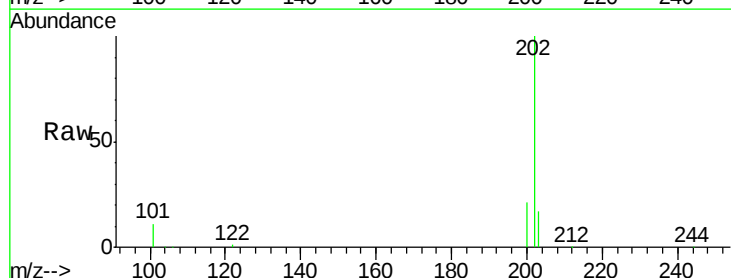
Tgt Ion:202 Resp: 431273

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

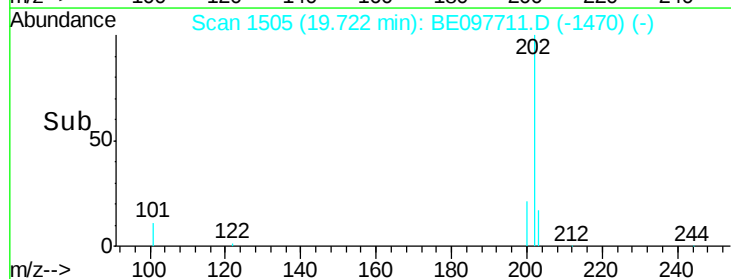
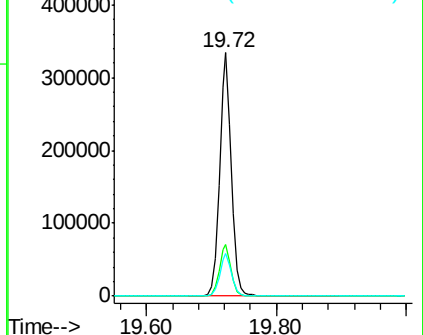
203 17.5 13.9 20.9

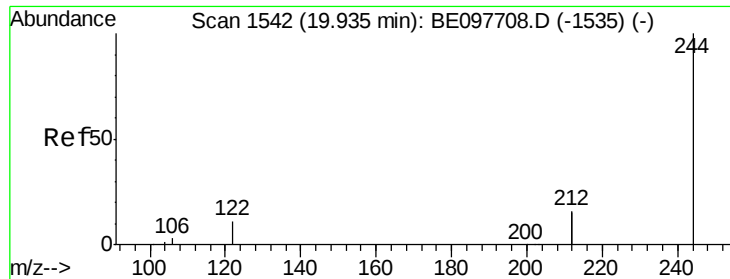


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.036 ng

RT: 19.93 min Scan# 1542

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

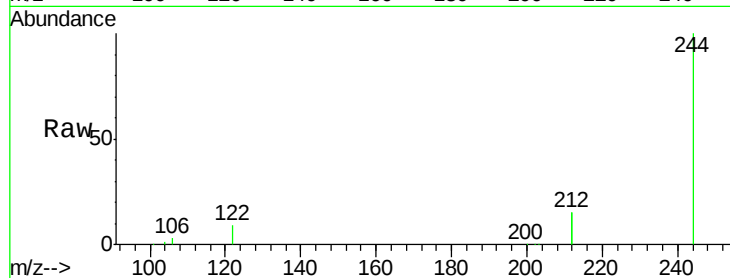
Tgt Ion:244 Resp: 334640

Ion Ratio Lower Upper

244 100

212 30.9 25.8 38.8

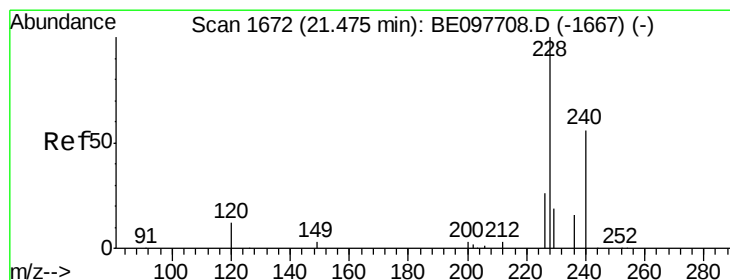
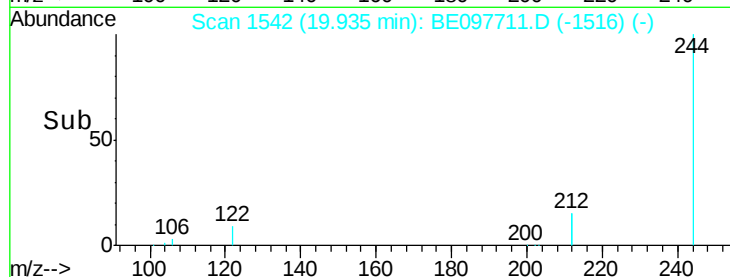
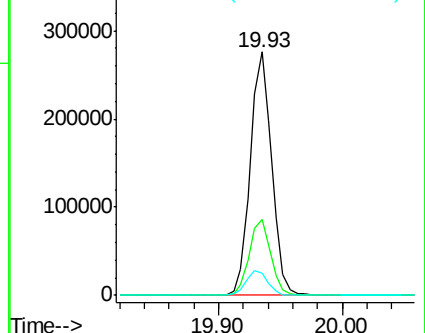
122 9.2 8.7 13.1



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: 3.843 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

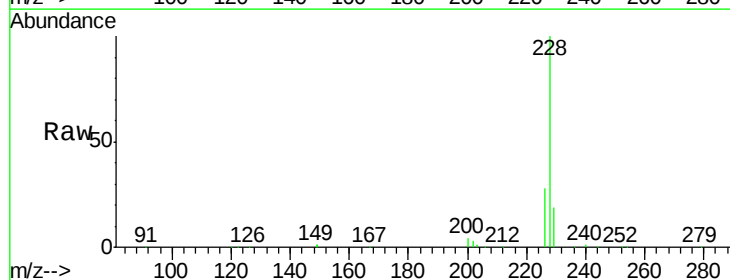
Tgt Ion:228 Resp: 485135

Ion Ratio Lower Upper

228 100

226 28.0 20.7 31.1

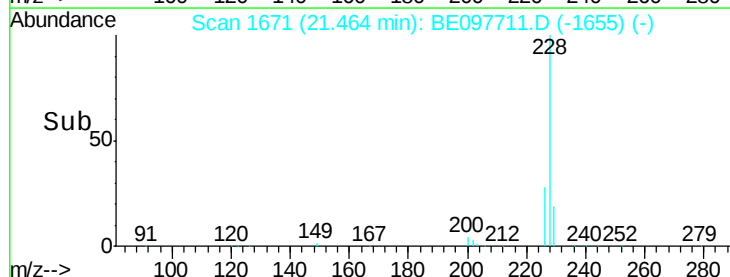
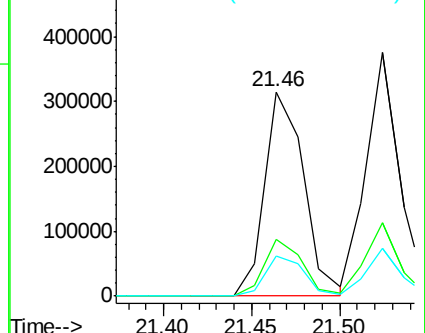
229 19.3 15.7 23.5

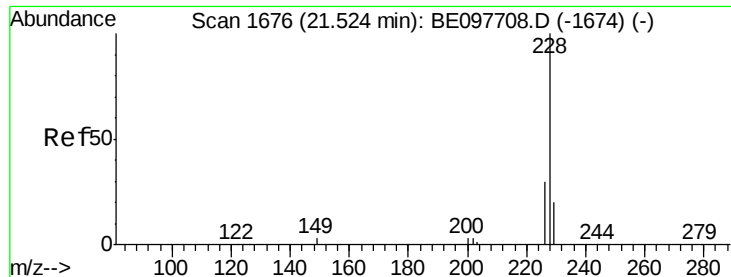


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.106 ng

RT: 21.52 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

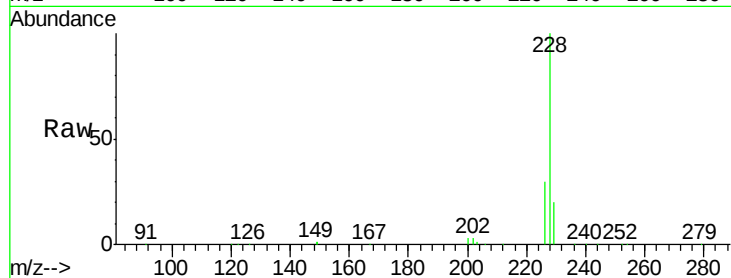
Tgt Ion:228 Resp: 490480

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

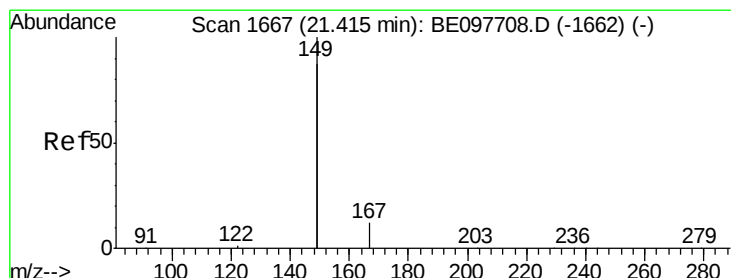
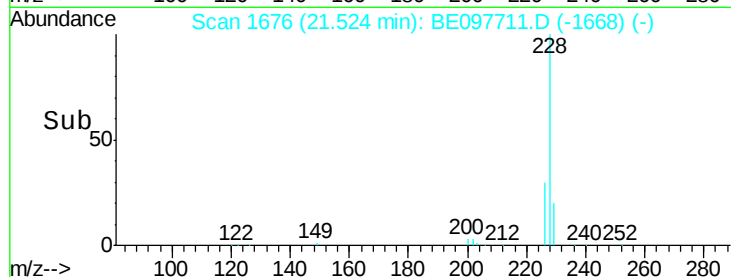
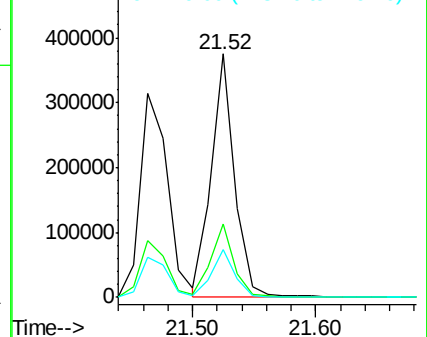
229 19.8 16.0 24.0



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: 2.990 ng

RT: 21.42 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

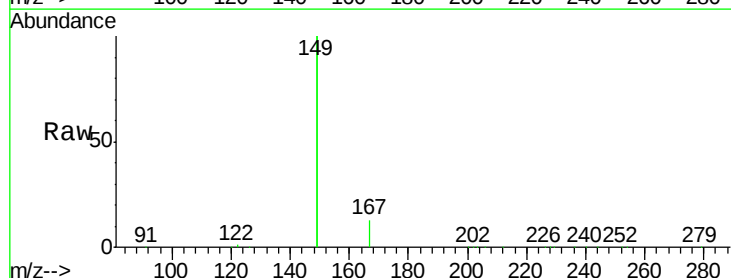
Tgt Ion:149 Resp: 465514

Ion Ratio Lower Upper

149 100

167 6.8 5.5 8.3

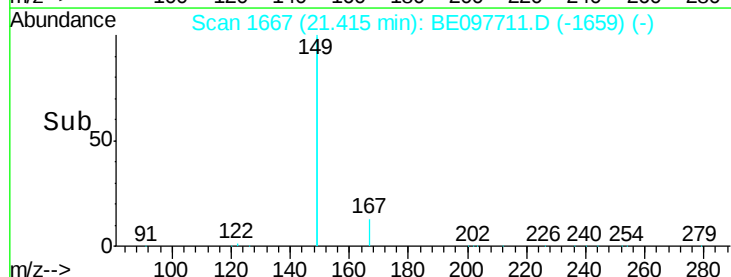
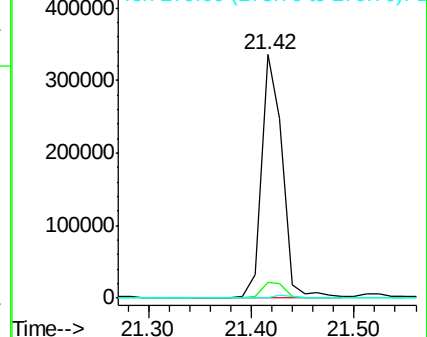
279 1.0 0.9 1.3

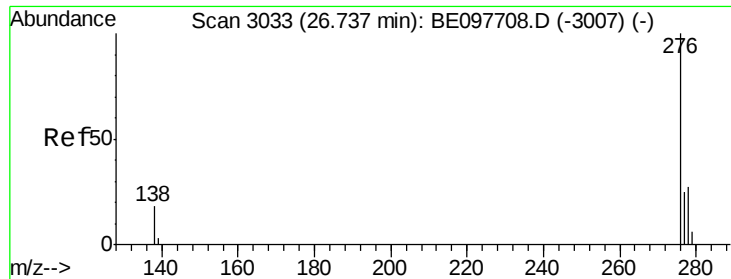


Abundance Ion 149.00 (148.70 to 149.70): E

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: 2.786 ng

RT: 26.73 min Scan# 3032

Delta R.T. -0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

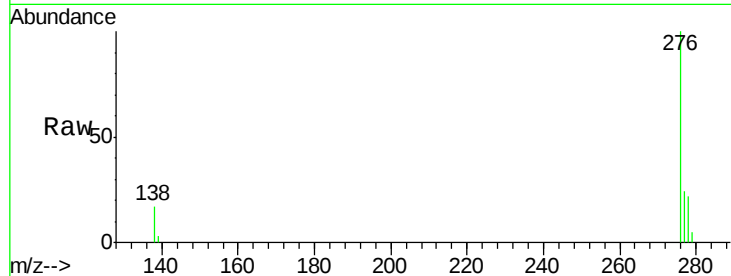
Tgt Ion:276 Resp: 464453

Ion Ratio Lower Upper

276 100

138 19.9 15.0 22.6

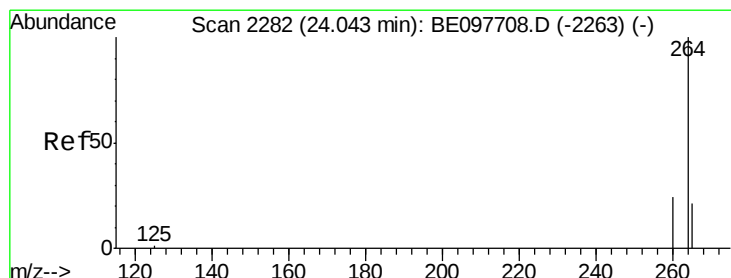
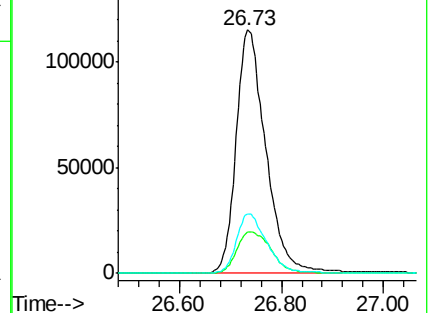
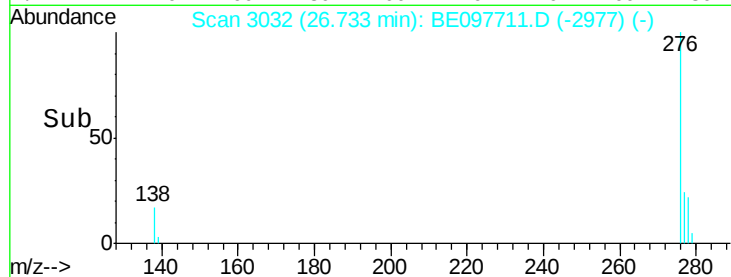
277 25.0 19.2 28.8



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# 2282

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

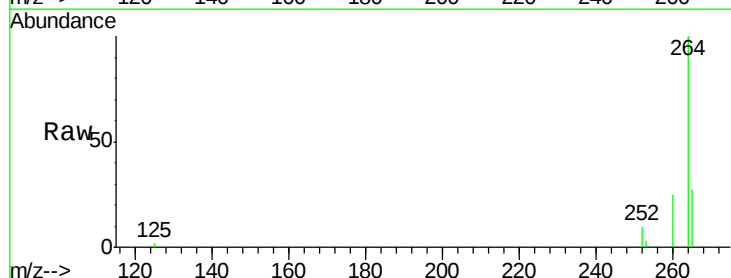
Tgt Ion:264 Resp: 43064

Ion Ratio Lower Upper

264 100

260 24.9 19.1 28.7

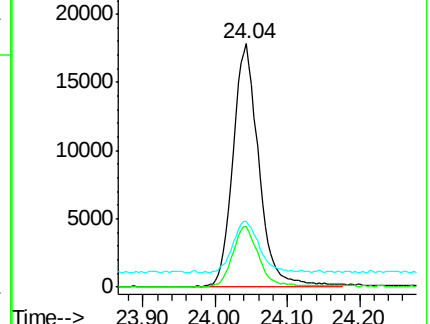
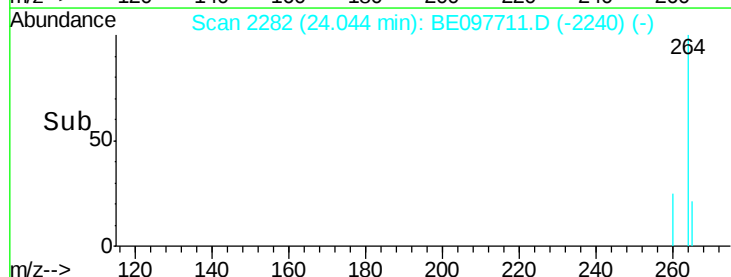
265 26.8 21.9 32.9

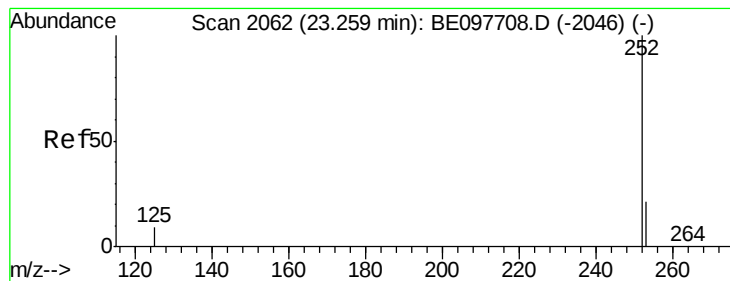


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.377 ng

RT: 23.26 min Scan# 2062

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

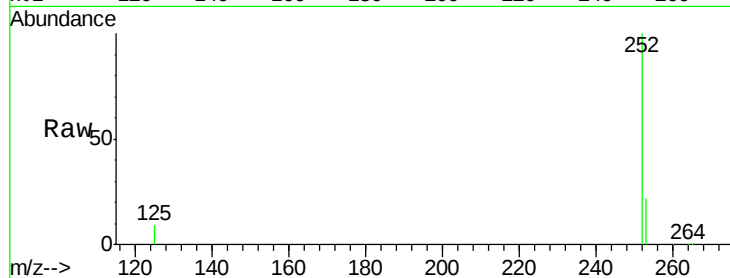
Tgt Ion:252 Resp: 420270

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

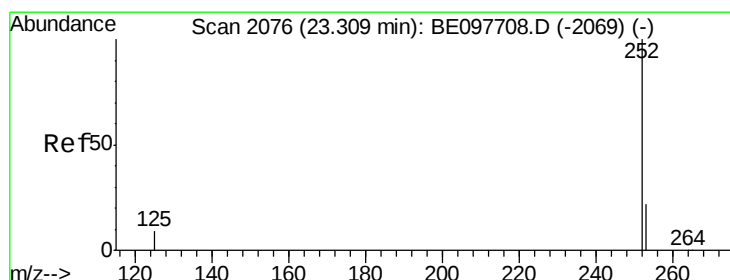
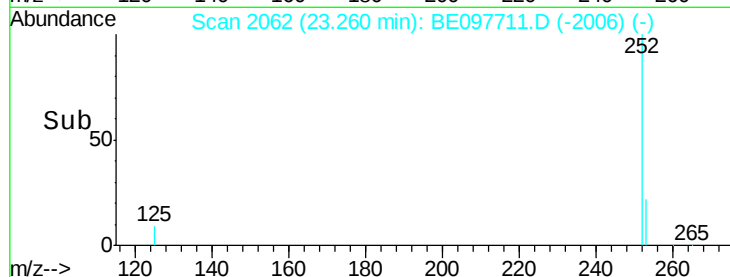
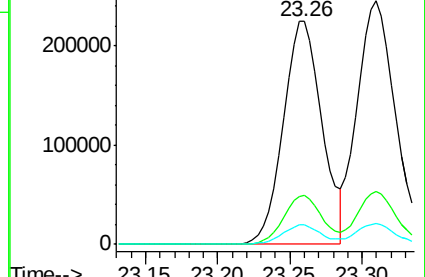
125 8.7 7.8 11.8



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: 3.272 ng

RT: 23.31 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BE097711.D

Acq: 3 Oct 2018 11:33

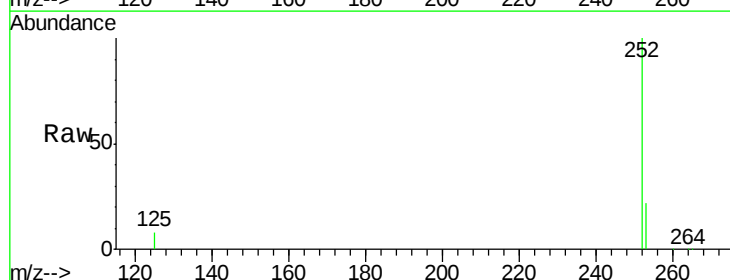
Tgt Ion:252 Resp: 469799

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

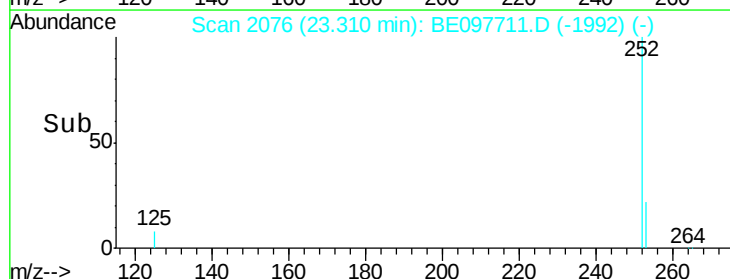
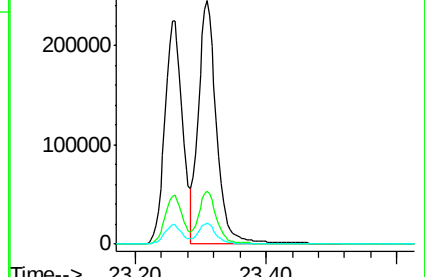
125 8.4 7.5 11.3

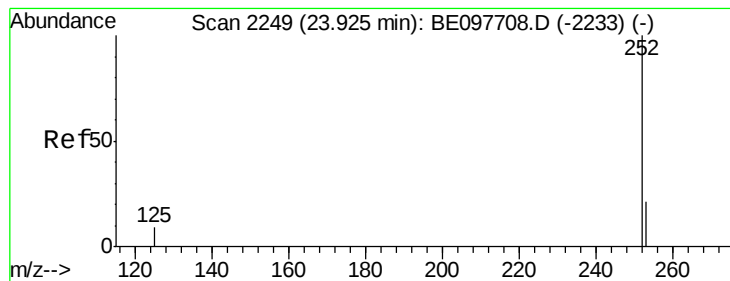


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

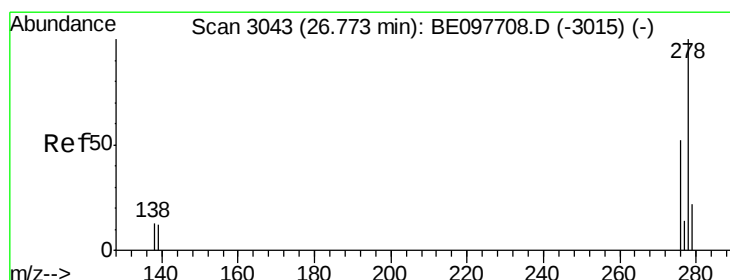
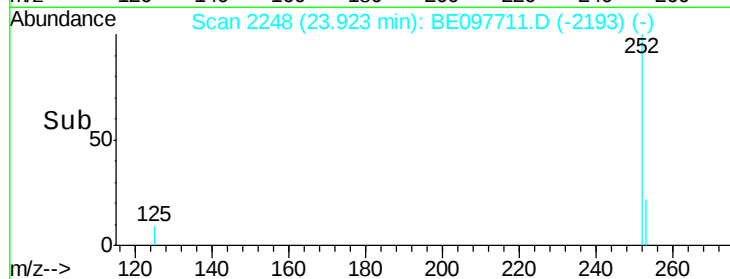
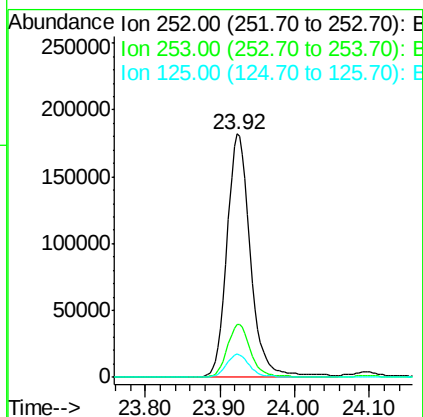
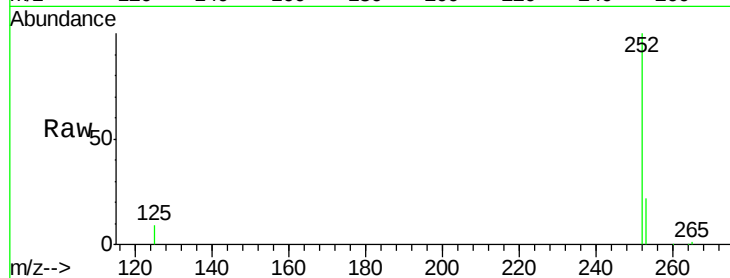




#37
Benzo(a)pyrene
Concen: 3.311 ng
RT: 23.92 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

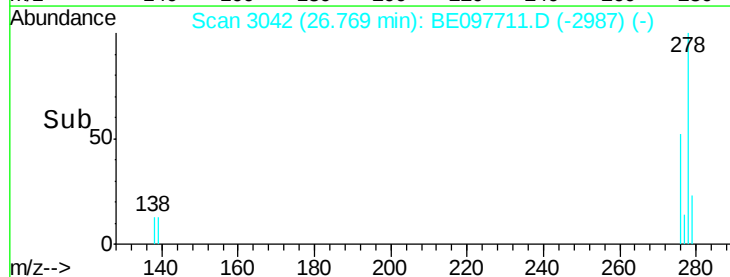
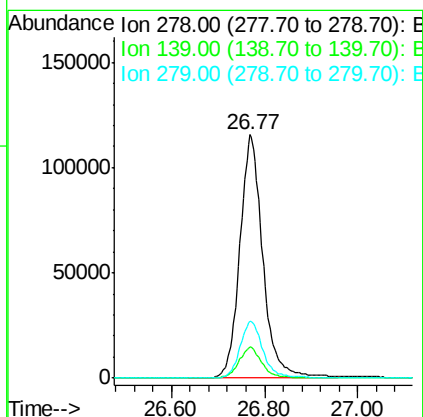
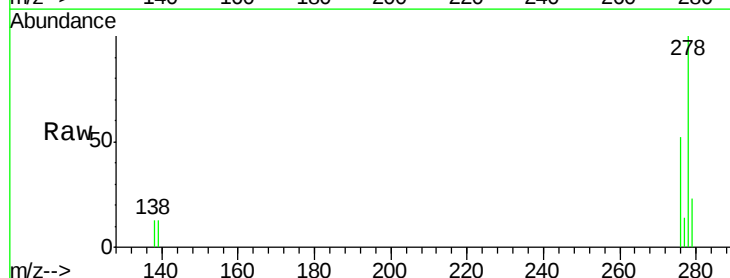
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

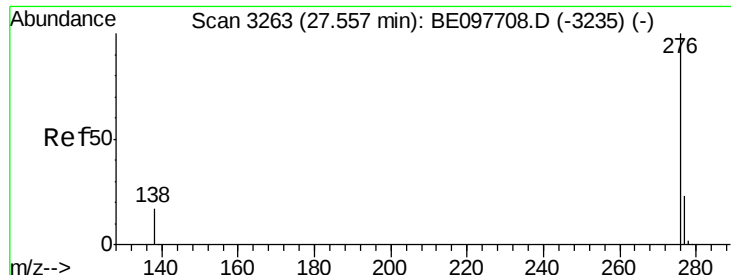
Tgt Ion: 252 Resp: 395181
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.4 8.3 12.5



#38
Dibenzo(a,h)anthracene
Concen: 3.062 ng
RT: 26.77 min Scan# 3042
Delta R.T. -0.00 min
Lab File: BE097711.D
Acq: 3 Oct 2018 11:33

Tgt Ion: 278 Resp: 396606
Ion Ratio Lower Upper
278 100
139 12.7 10.3 15.5
279 23.4 18.4 27.6





#39

Benzo(g,h,i)perylene

Concen: 2.989 ng

RT: 27.55 min Scan# 3262

Delta R.T. -0.00 min

Lab File: BE097711.D

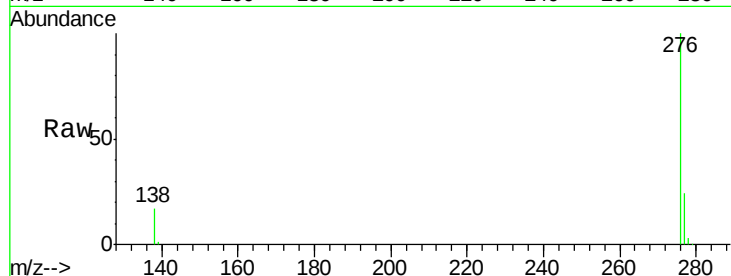
Acq: 3 Oct 2018 11:33

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2



Tgt Ion: 276 Resp: 392634

Ion Ratio Lower Upper

276 100

277 23.7 19.1 28.7

138 17.0 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

