

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072418\
 Data File : BE097087.D
 Acq On : 25 Jul 2018 00:43
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Jul 25 01:21:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 13:24:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1262	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	6431	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	4215	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	11542	0.40	ng	0.00
27) Chrysene-d12	20.97	240	11429	0.40	ng	-0.01
34) Perylene-d12	23.21	264	11109	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1640	0.46	ng	0.00
5) Phenol-d6	6.59	99	2504	0.48	ng	0.00
8) Nitrobenzene-d5	8.52	82	2349	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	3832	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	653	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	5743	0.39	ng	0.00
25) Fluoranthene-d10	18.81	212	46969	0.41	ng	0.00
29) Terphenyl-d14	19.43	244	8834	0.40	ng	0.00

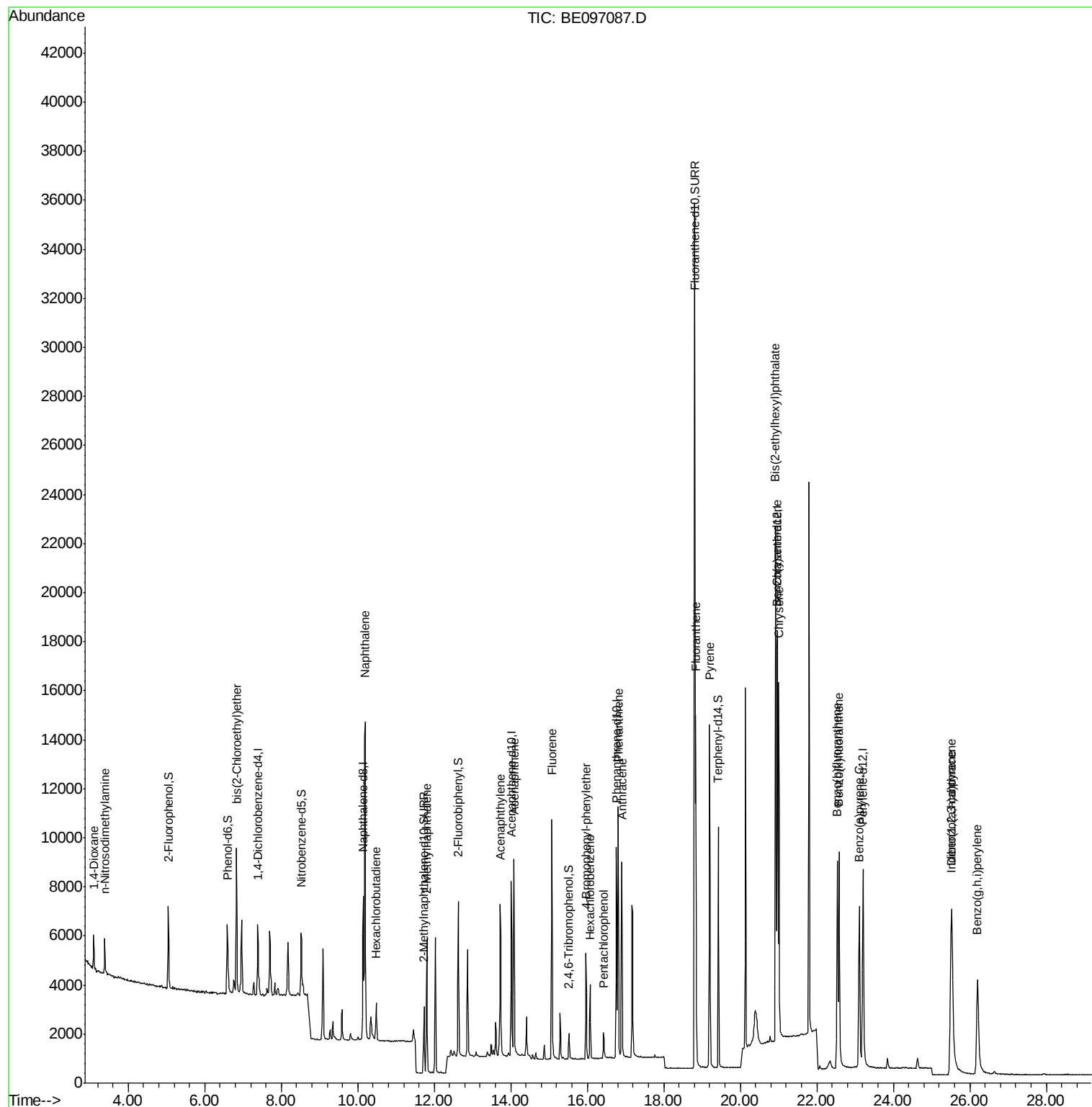
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	813	0.405	ng	# 84
3) n-Nitrosodimethylamine	3.38	42	884	0.394	ng	96
6) bis(2-Chloroethyl)ether	6.84	93	1970	0.415	ng	89
9) Naphthalene	10.20	128	23180	0.402	ng	100
10) Hexachlorobutadiene	10.48	225	992	0.384	ng	97
12) 2-Methylnaphthalene	11.81	142	4061	0.410	ng	97
16) Acenaphthylene	13.73	152	7573	0.400	ng	100
17) Acenaphthene	14.08	154	4400	0.400	ng	93
18) Fluorene	15.07	166	5915	0.407	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	2222	0.396	ng	# 84
21) Hexachlorobenzene	16.08	284	2319	0.385	ng	# 83
22) Pentachlorophenol	16.43	266	644	0.451	ng	# 74
23) Phenanthrene	16.81	178	10888	0.396	ng	99
24) Anthracene	16.90	178	9947	0.404	ng	96
26) Fluoranthene	18.84	202	12453	0.403	ng	98
28) Pyrene	19.20	202	12823	0.409	ng	100
30) Benzo(a)anthracene	20.95	228	11977	0.421	ng	97
31) Chrysene	21.00	228	12443	0.408	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	23366	0.743	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	12370	0.448	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	11038	0.392	ng	# 90
36) Benzo(k)fluoranthene	22.58	252	13148	0.400	ng	93
37) Benzo(a)pyrene	23.11	252	11060	0.417	ng	# 91
38) Dibenzo(a,h)anthracene	25.53	278	10497	0.396	ng	99
39) Benzo(g,h,i)perylene	26.21	276	10768	0.383	ng	91

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

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QLast Update : Tue Jul 24 13:24:10 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 393

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

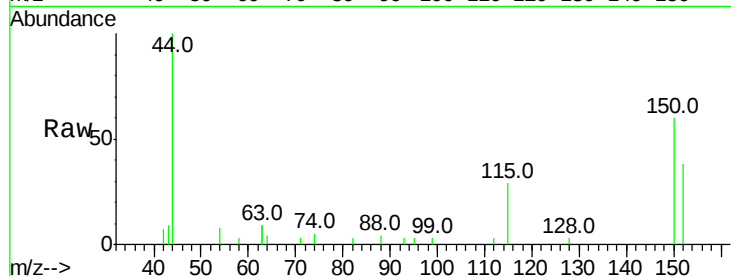
Tot Ion:152 Resp: 1262

Ion Ratio Lower Upper

152 100

150 158.8 117.2 175.8

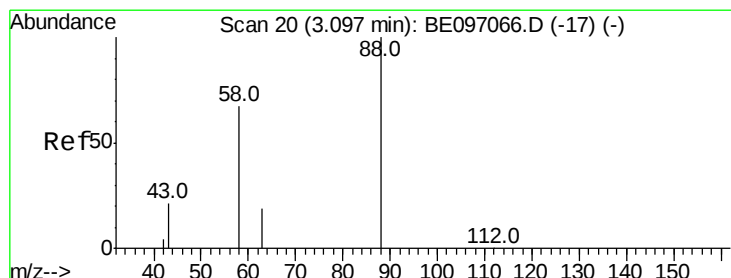
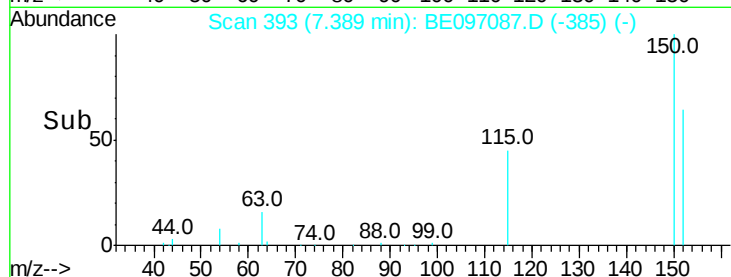
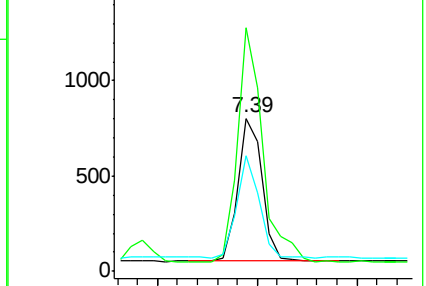
115 75.4 57.0 85.6



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: 0.405 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

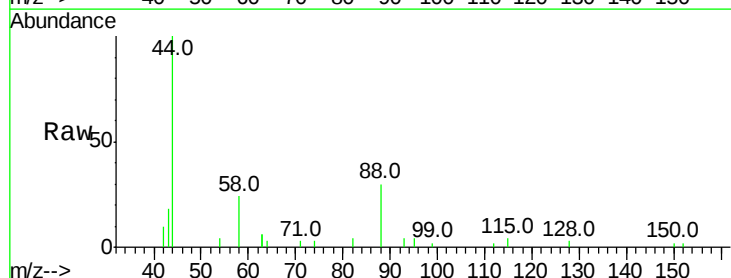
Tgt Ion: 88 Resp: 813

Ion Ratio Lower Upper

88 100

58 87.0 63.2 94.8

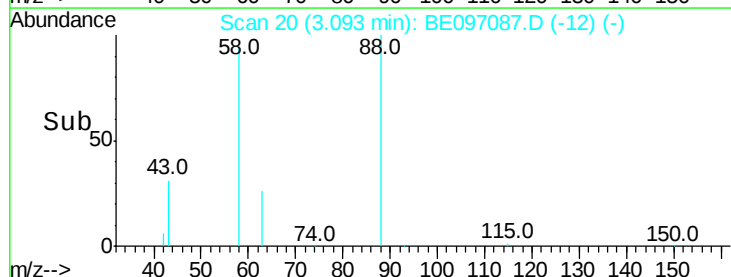
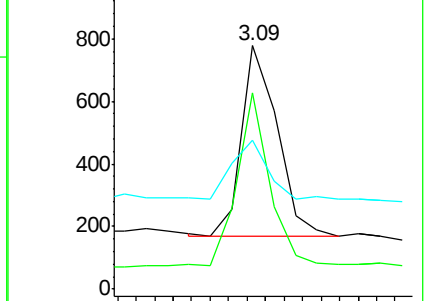
43 32.7 41.2 61.8#



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



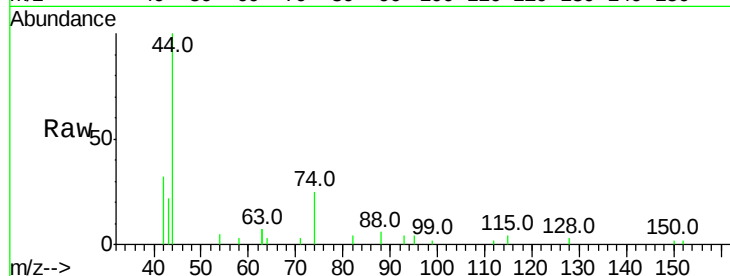


#3

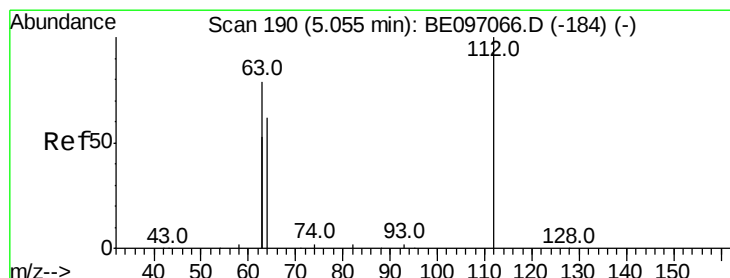
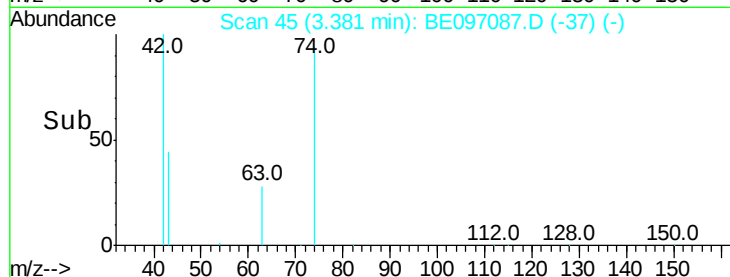
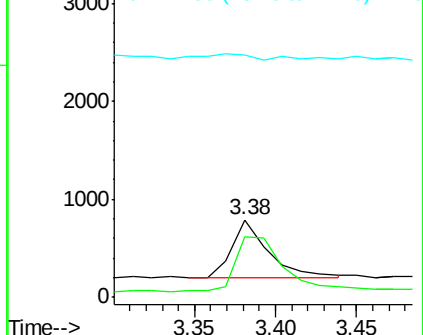
n-Nitrosodimethylamine
 Concen: 0.394 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097087.D
 Acq: 25 Jul 2018 00:43

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 884
 Ion Ratio Lower Upper
 42 100
 74 124.9 96.0 144.0
 44 14.5 12.0 18.0



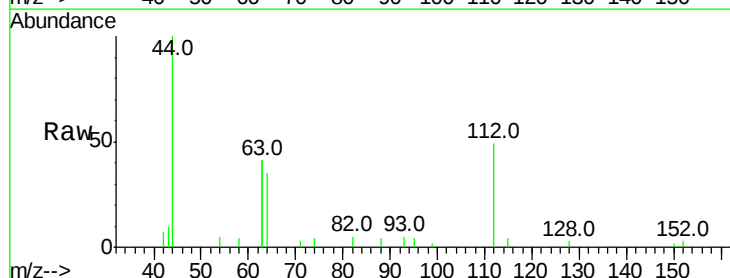
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



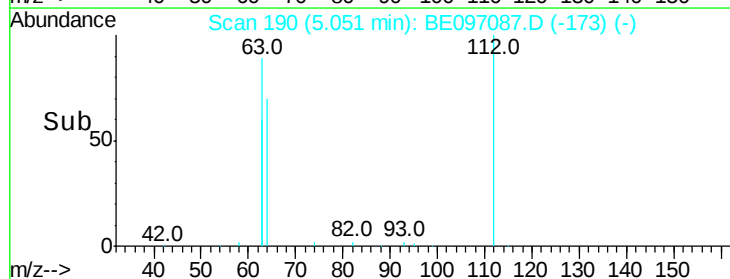
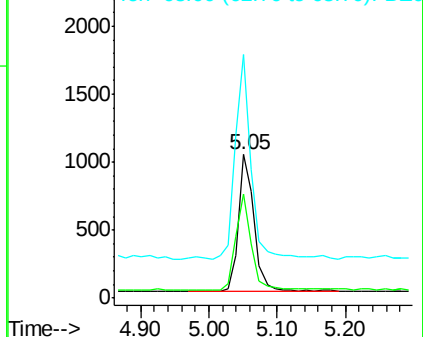
#4

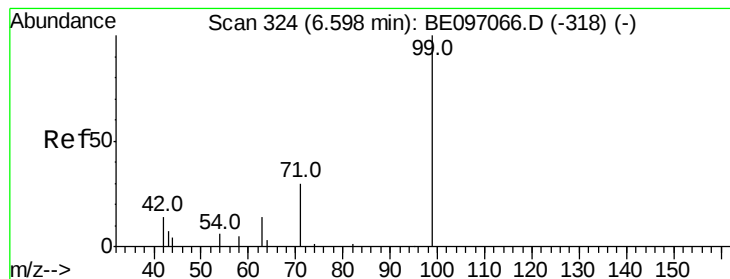
2-Fluorophenol
 Concen: 0.462 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE097087.D
 Acq: 25 Jul 2018 00:43

Tgt Ion: 112 Resp: 1640
 Ion Ratio Lower Upper
 112 100
 64 68.7 60.1 90.1
 63 147.3 116.8 175.2



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: 0.481 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

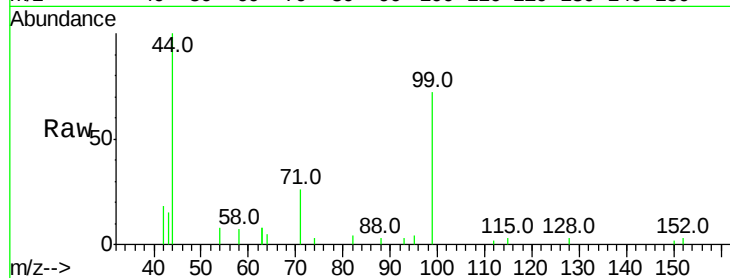
Tot Ion: 99 Resp: 2504

Ion Ratio Lower Upper

99 100

42 22.1 20.2 30.2

71 34.0 28.4 42.6



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

6.59

1500

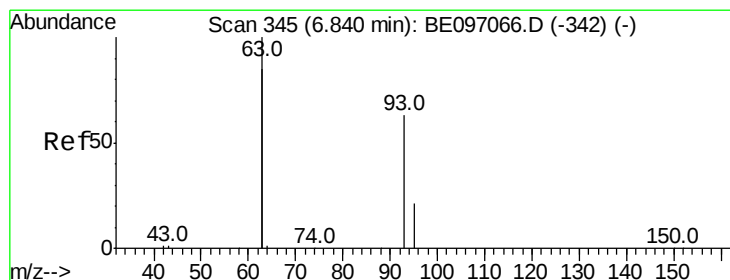
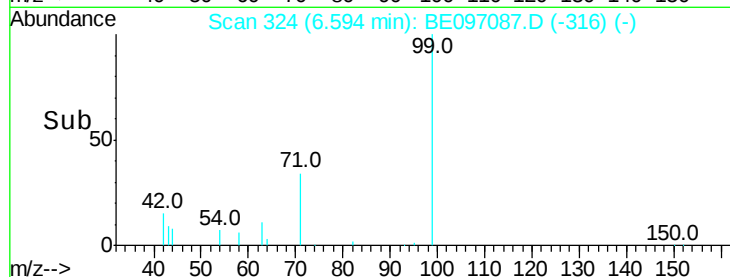
1000

500

0

6.50 6.55 6.60 6.65

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.415 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

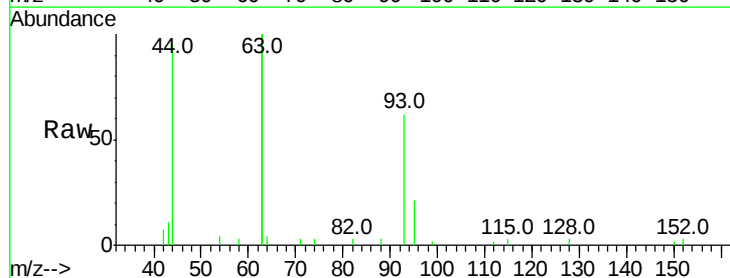
Tgt Ion: 93 Resp: 1970

Ion Ratio Lower Upper

93 100

63 319.0 275.3 412.9

95 31.0 25.2 37.8



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

6000

5000

4000

3000

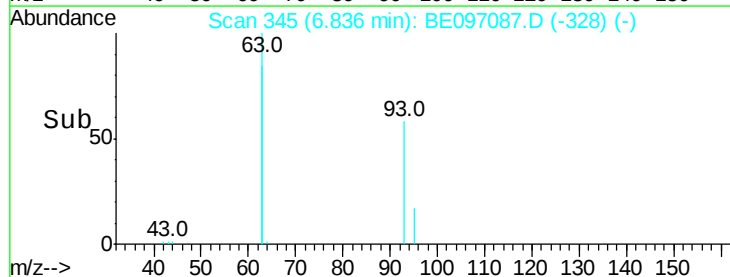
2000

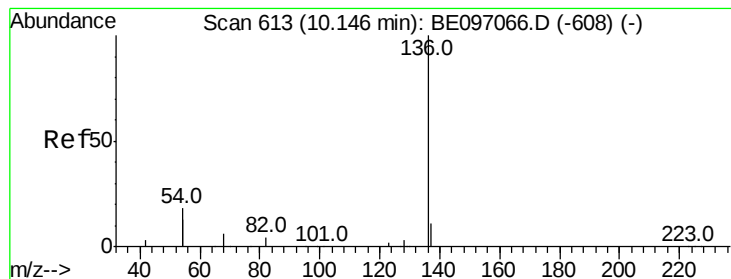
1000

0

6.75 6.80 6.85 6.90 6.95

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 6431

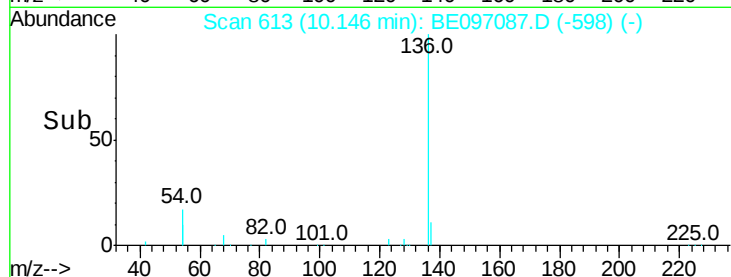
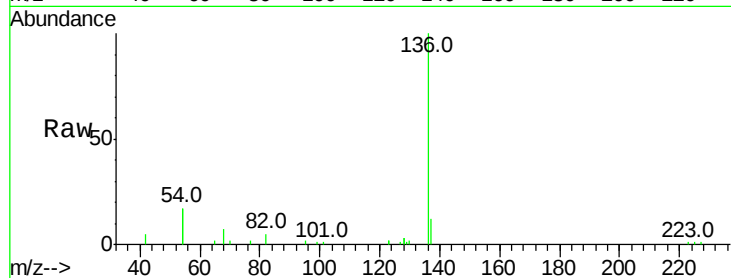
Ion Ratio Lower Upper

136 100

137 11.8 9.5 14.3

54 34.2 29.1 43.7

68 6.7 6.2 9.2

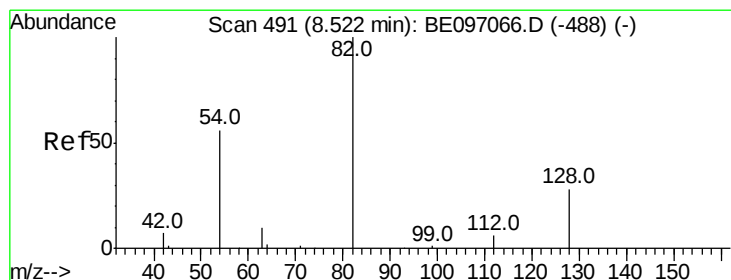
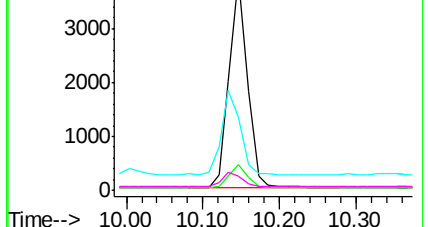


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.420 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

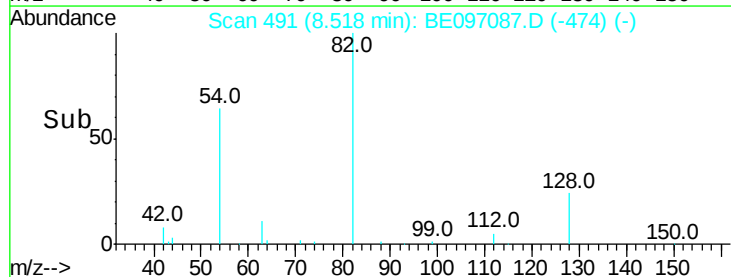
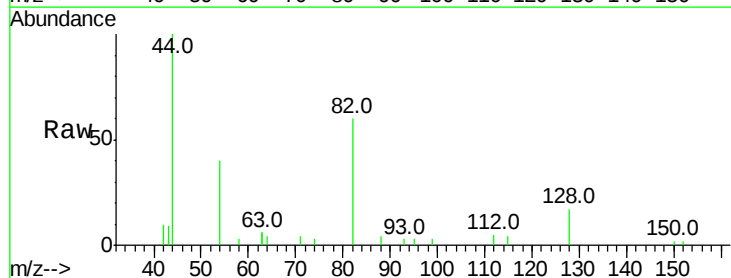
Tgt Ion: 82 Resp: 2349

Ion Ratio Lower Upper

82 100

128 28.1 24.0 36.0

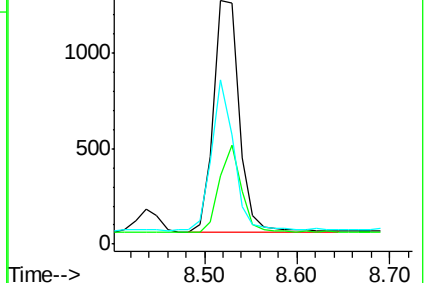
54 67.3 40.0 60.0#



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: 0.402 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

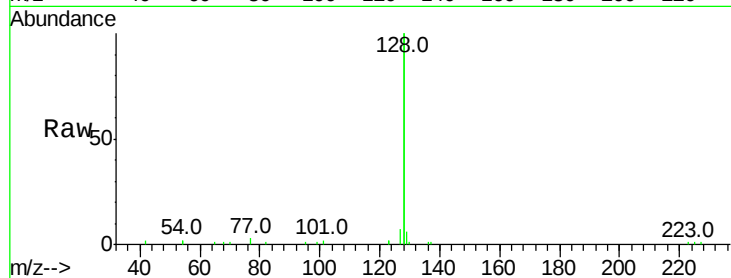
Tot Ion:128 Resp: 23180

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

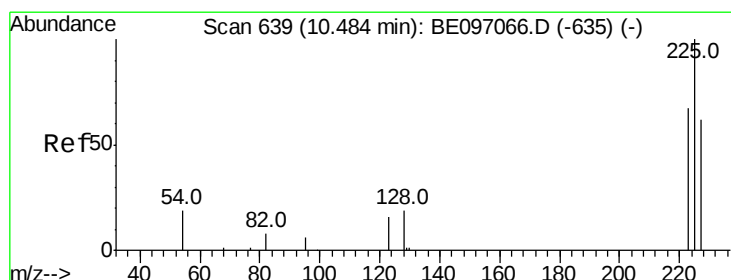
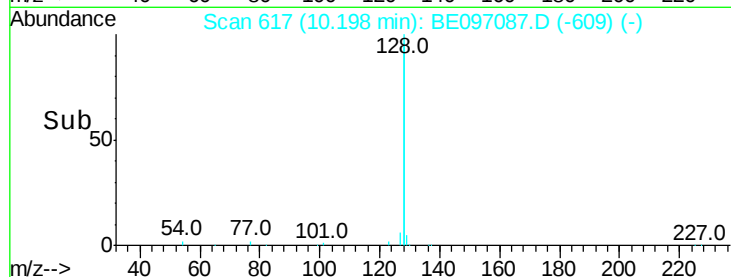
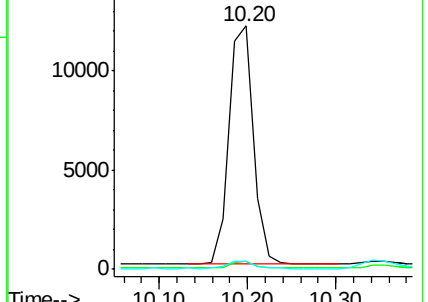
127 3.5 2.8 4.2



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: 0.384 ng

RT: 10.48 min Scan# 639

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

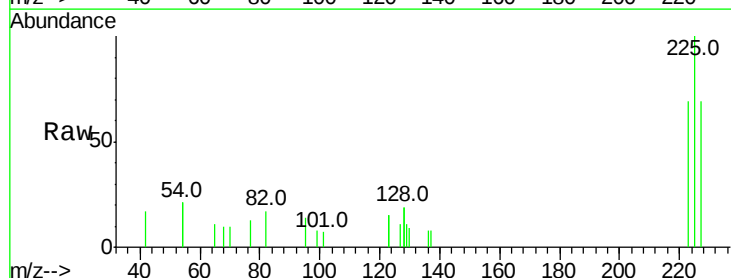
Tgt Ion:225 Resp: 992

Ion Ratio Lower Upper

225 100

223 64.6 53.0 79.6

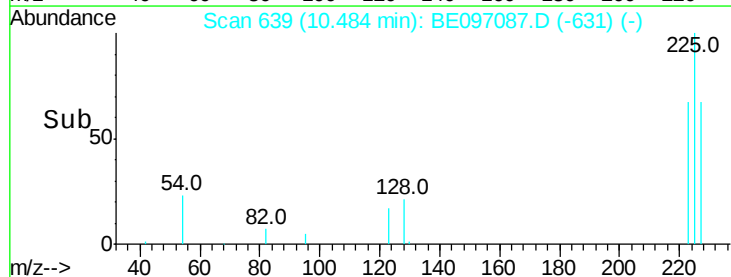
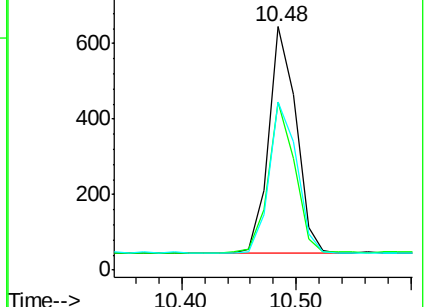
227 67.2 51.4 77.2



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: 0.398 ng

RT: 11.73 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

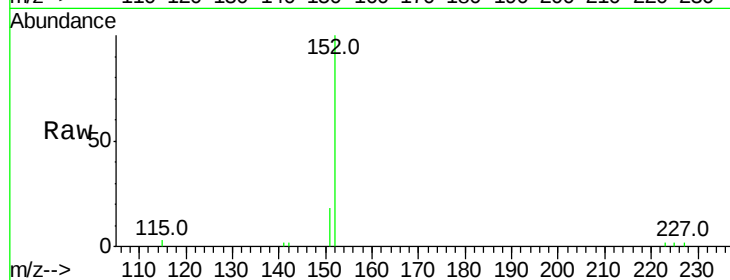
SSTDCCC0.4EC

Tot Ion:152 Resp: 3832

Ion Ratio Lower Upper

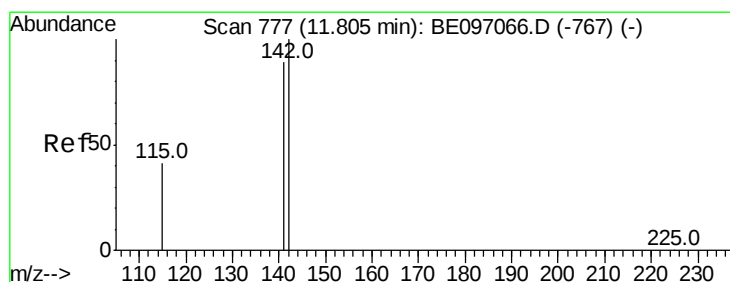
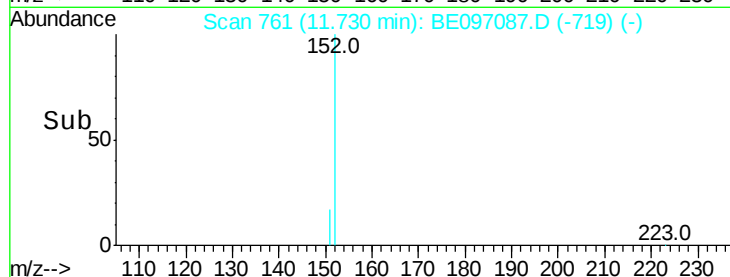
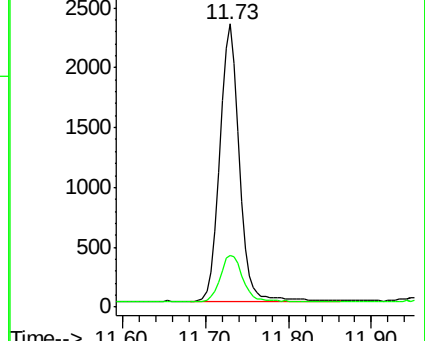
152 100

151 18.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.410 ng

RT: 11.81 min Scan# 777

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

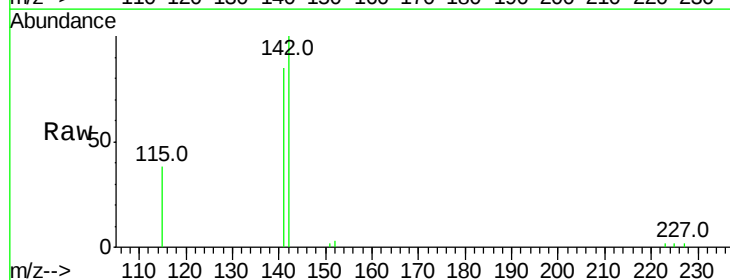
Tgt Ion:142 Resp: 4061

Ion Ratio Lower Upper

142 100

141 85.4 70.4 105.6

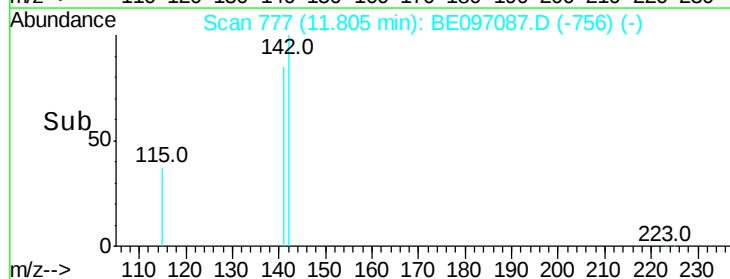
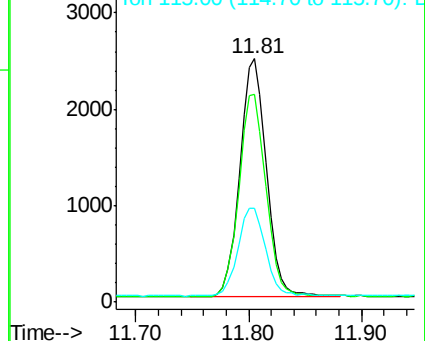
115 38.4 31.7 47.5



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: 14.01 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

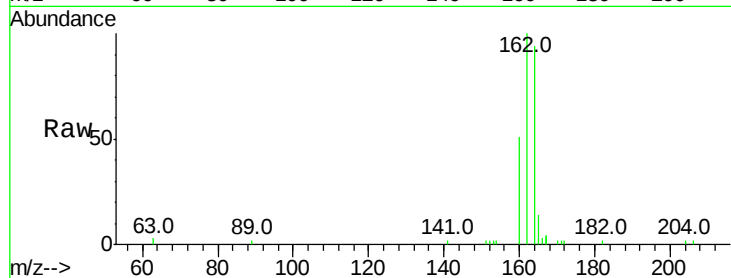
Tot Ion:164 Resp: 4215

Ion Ratio Lower Upper

164 100

162 105.9 83.1 124.7

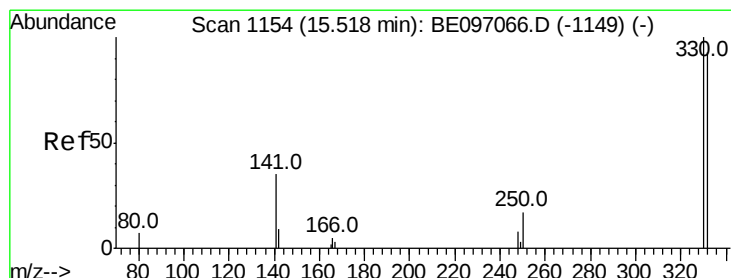
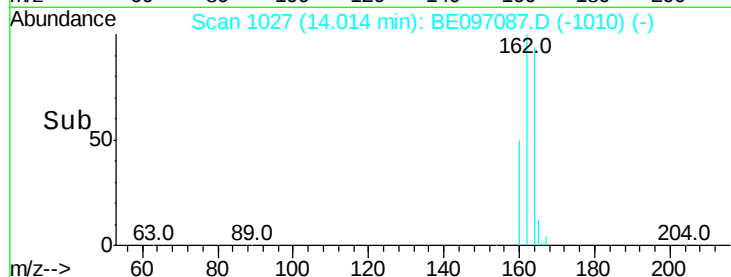
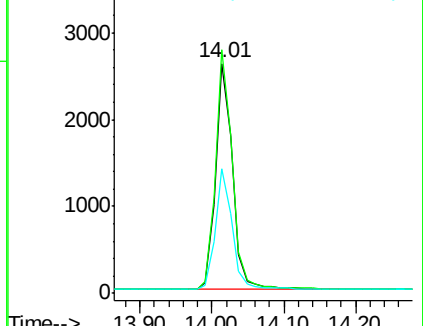
160 54.1 37.1 55.7



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: 0.471 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

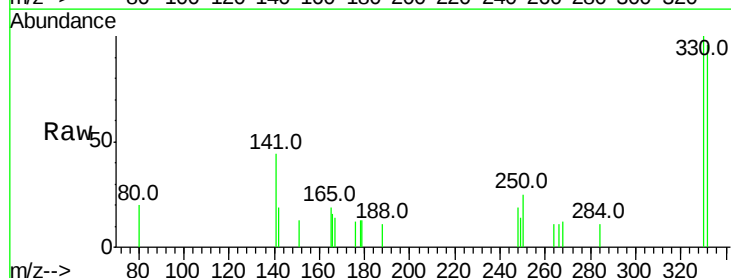
Tgt Ion:330 Resp: 653

Ion Ratio Lower Upper

330 100

332 95.9 152.7 229.1#

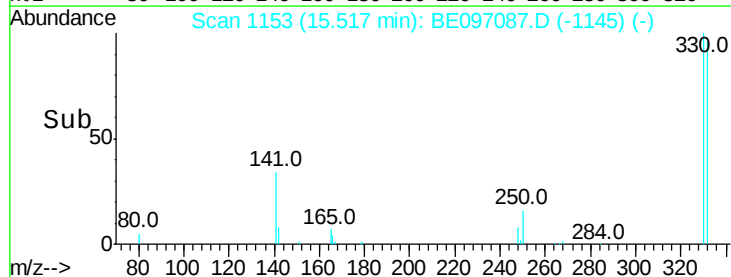
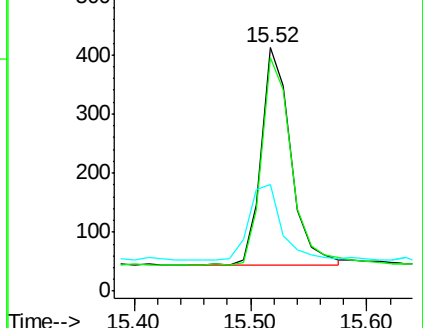
141 39.7 33.7 50.5

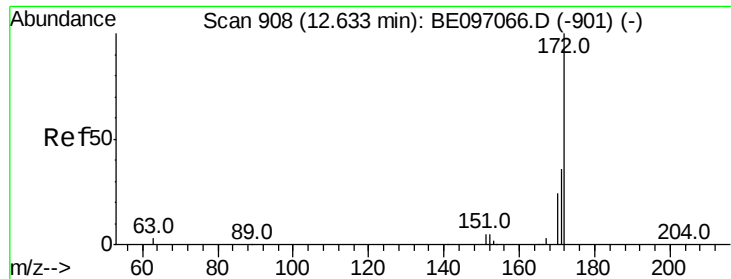


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

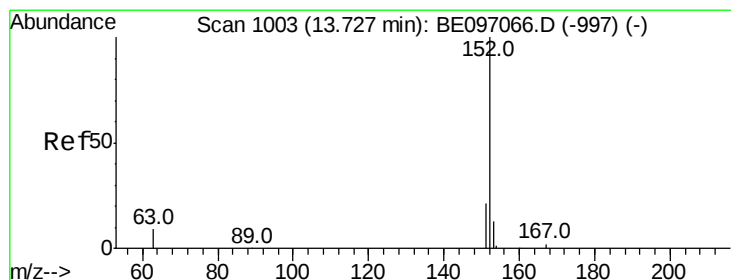
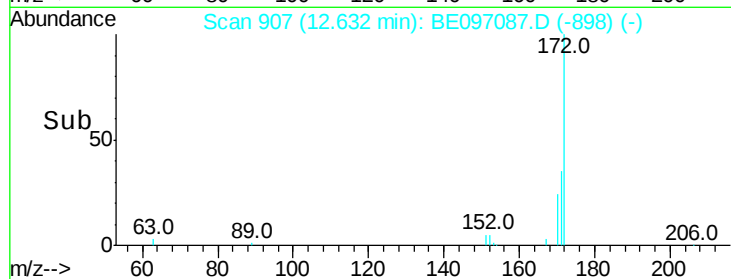
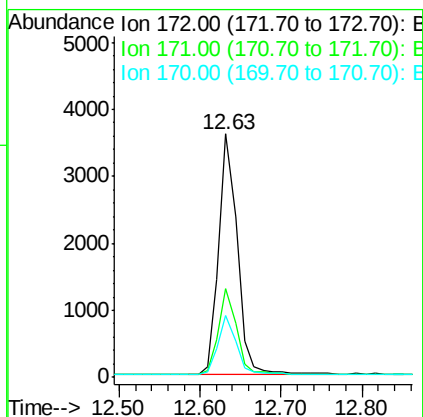
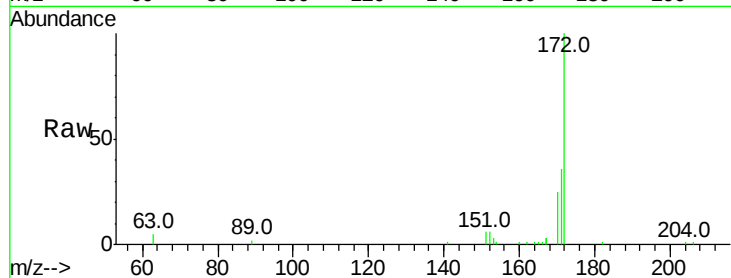




#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.63 min Scan# 907
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

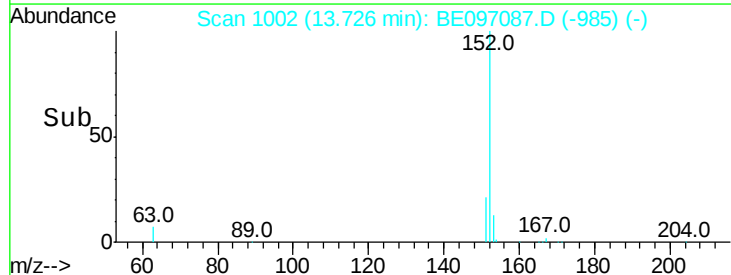
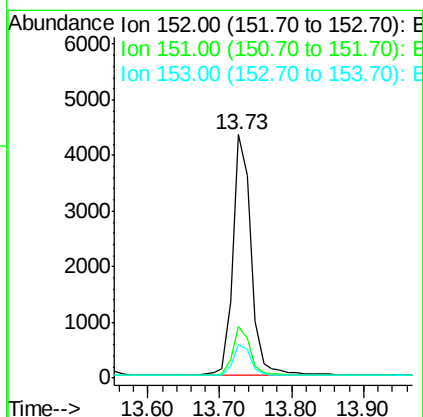
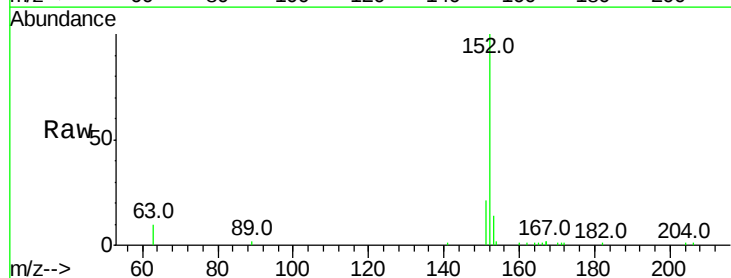
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

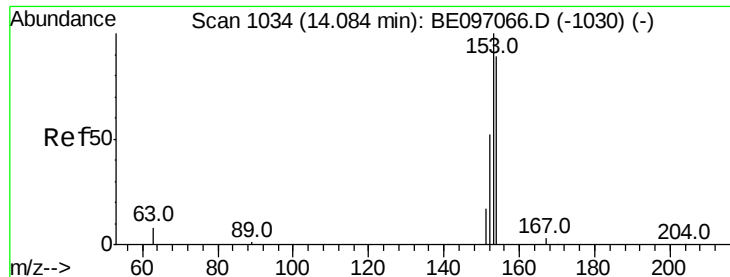
Tot Ion:172 Resp: 5743
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 25.4 21.8 32.8



#16
Acenaphthylene
Concen: 0.400 ng
RT: 13.73 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

Tgt Ion:152 Resp: 7573
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.400 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

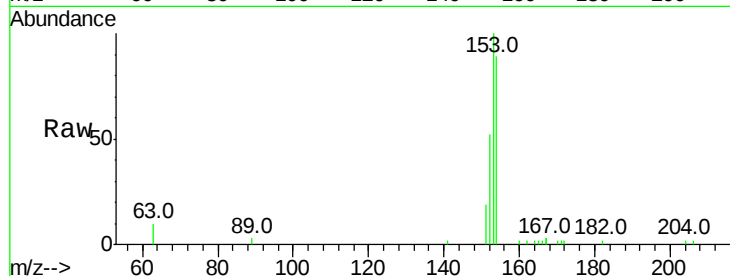
Tot Ion:154 Resp: 4400

Ion Ratio Lower Upper

154 100

153 116.7 89.2 133.8

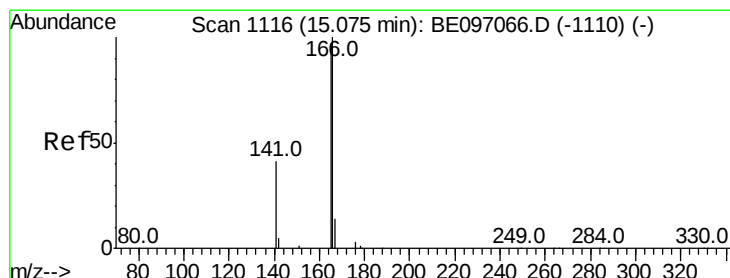
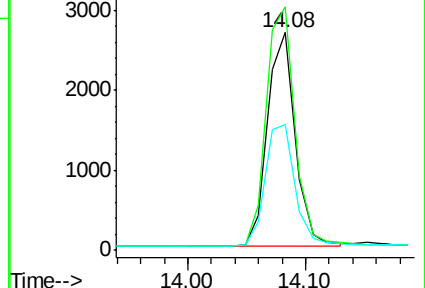
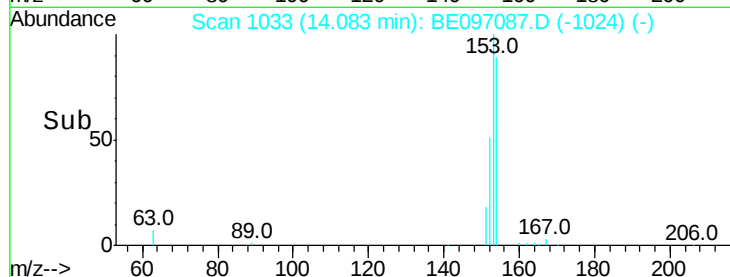
152 61.2 42.0 63.0



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: 0.407 ng

RT: 15.07 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

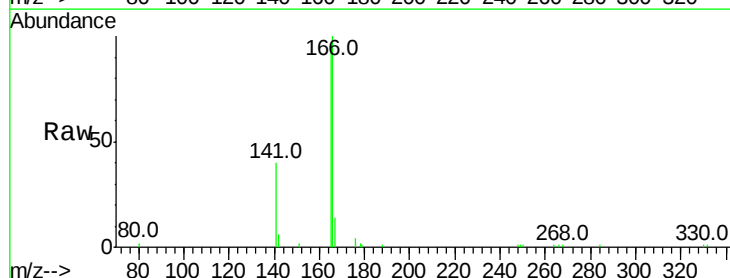
Tgt Ion:166 Resp: 5915

Ion Ratio Lower Upper

166 100

165 97.1 77.8 116.6

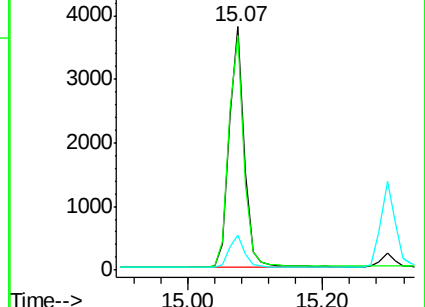
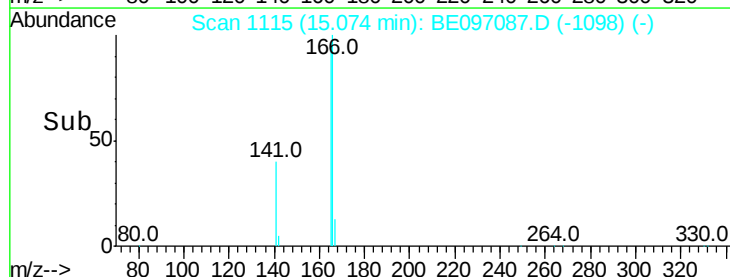
167 13.3 42.4 63.6#



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: 16.76 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

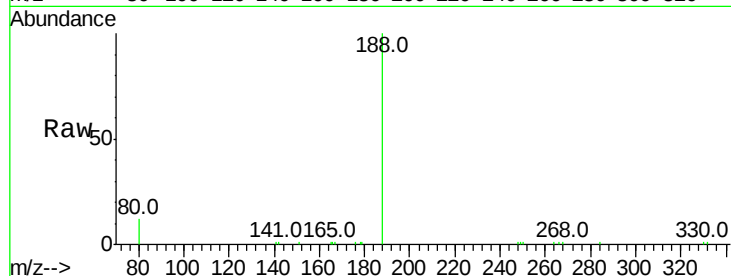
Tot Ion:188 Resp: 11542

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

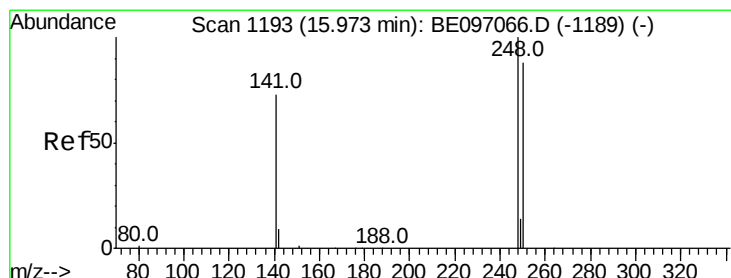
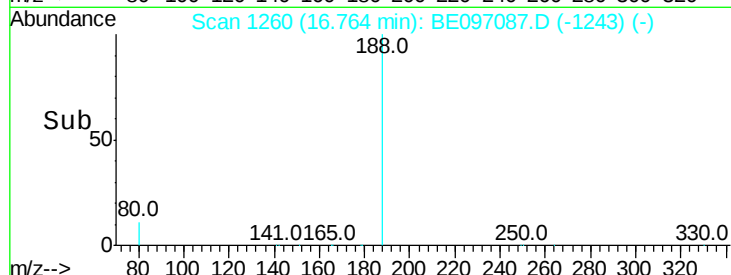
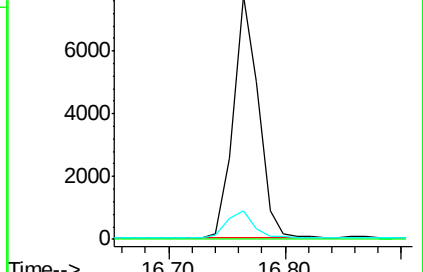
80 11.7 3.6 5.4#



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: 0.396 ng

RT: 15.97 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

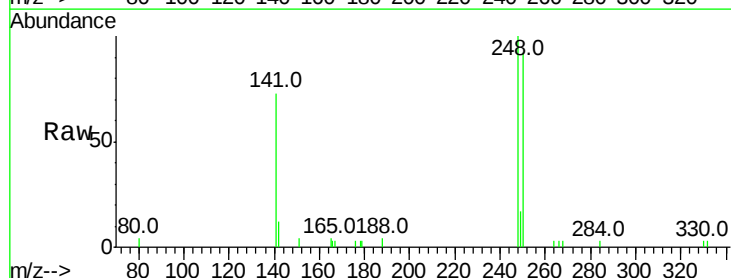
Tgt Ion:248 Resp: 2222

Ion Ratio Lower Upper

248 100

250 92.2 62.7 94.1

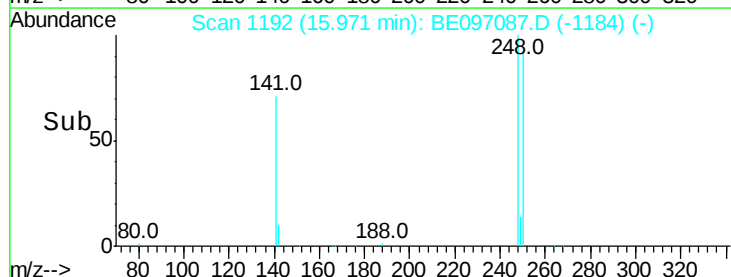
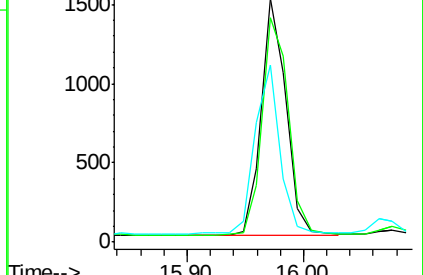
141 72.7 48.2 72.2#

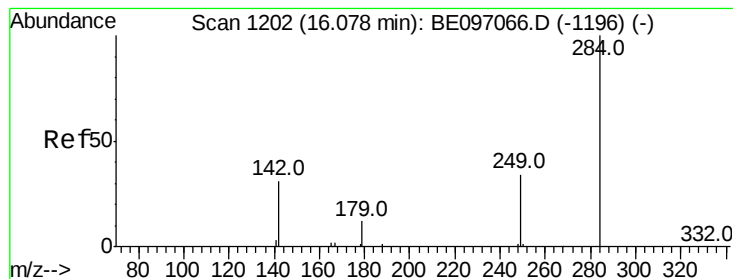


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.385 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

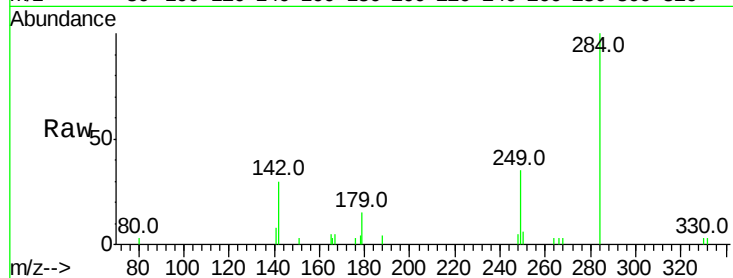
Tot Ion:284 Resp: 2319

Ion Ratio Lower Upper

284 100

142 35.4 22.1 33.1#

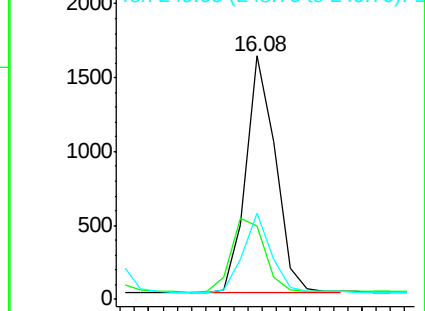
249 31.4 34.8 52.2#



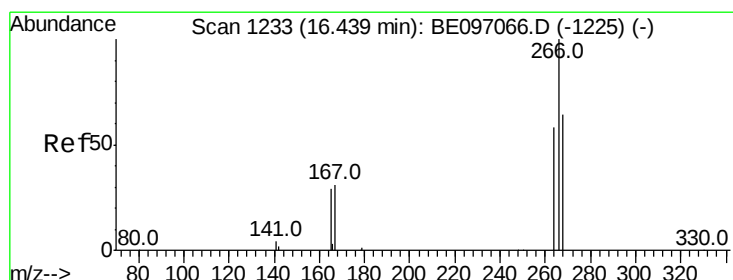
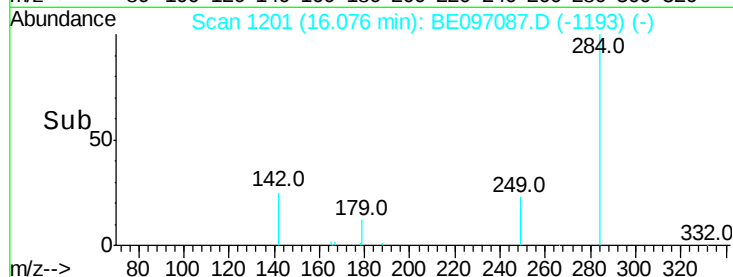
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.451 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

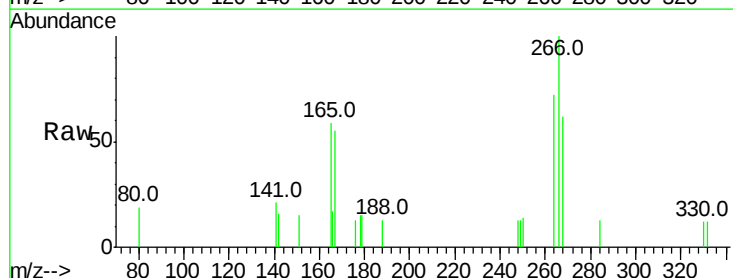
Tgt Ion:266 Resp: 644

Ion Ratio Lower Upper

266 100

264 71.6 72.5 108.7#

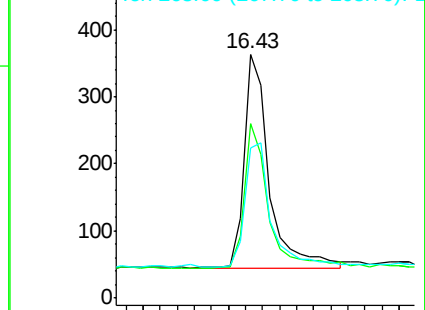
268 61.7 73.8 110.6#



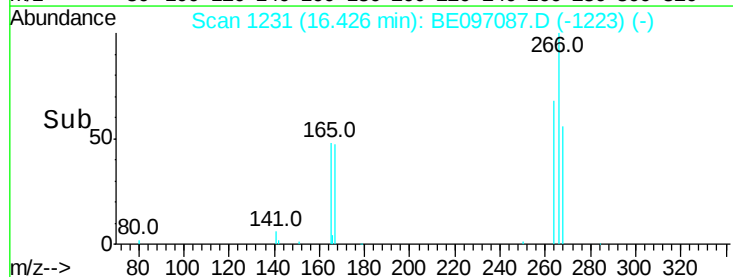
Abundance Ion 266.00 (265.70 to 266.70): E

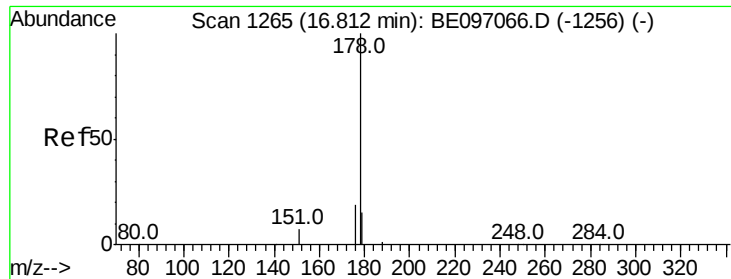
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.396 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

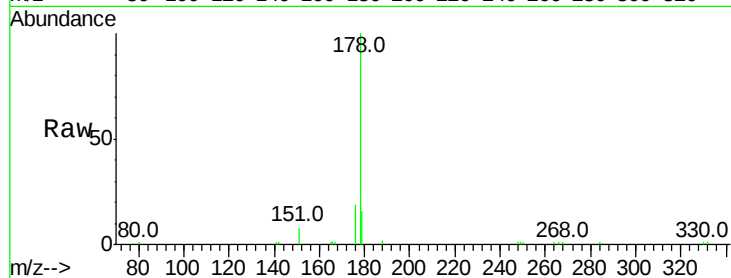
Tot Ion:178 Resp: 10888

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

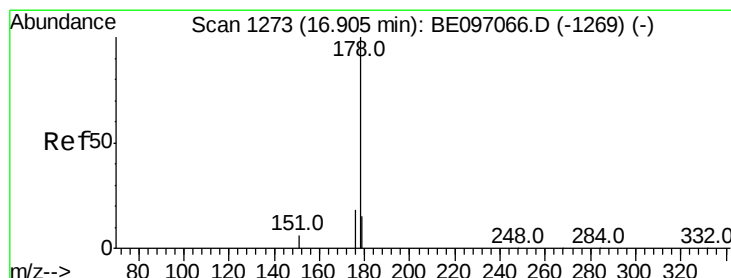
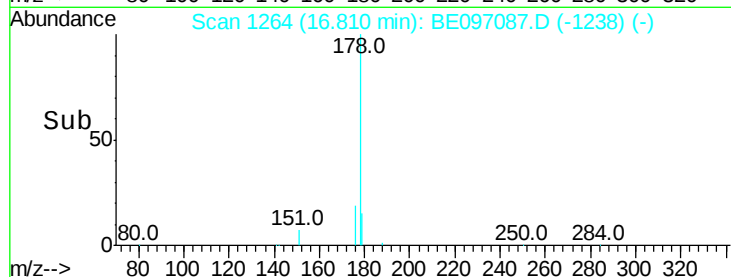
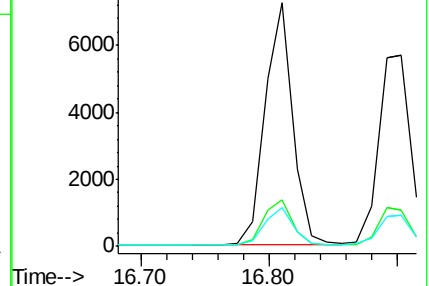
179 15.2 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.404 ng

RT: 16.90 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

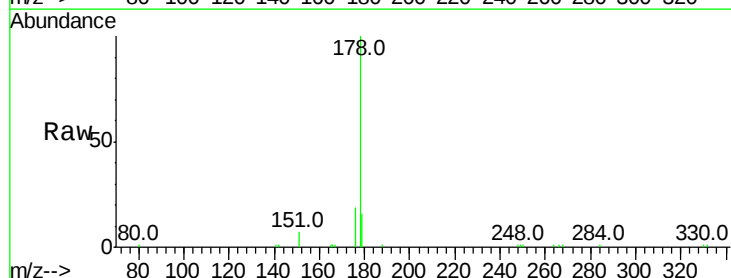
Tgt Ion:178 Resp: 9947

Ion Ratio Lower Upper

178 100

176 18.7 12.8 19.2

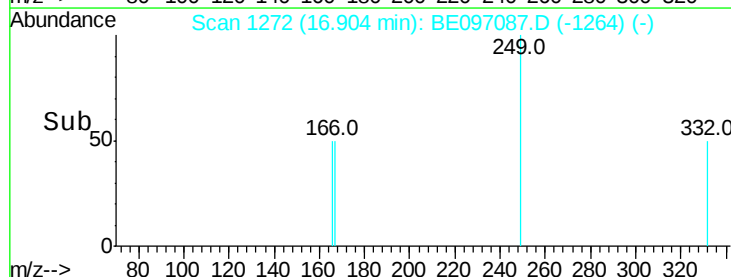
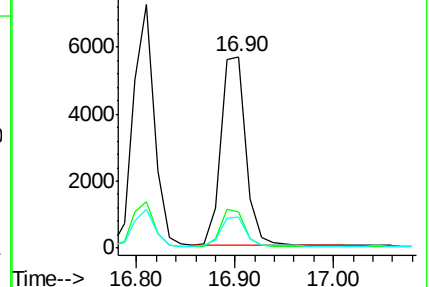
179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

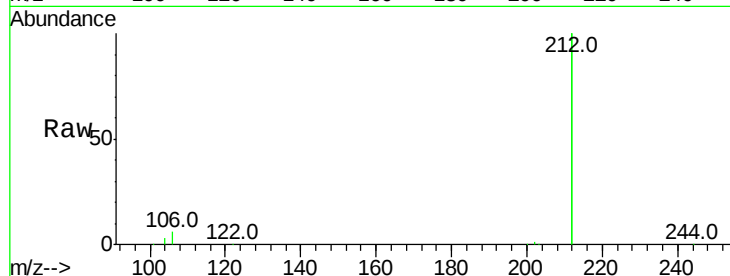
Tot Ion:212 Resp: 46969

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

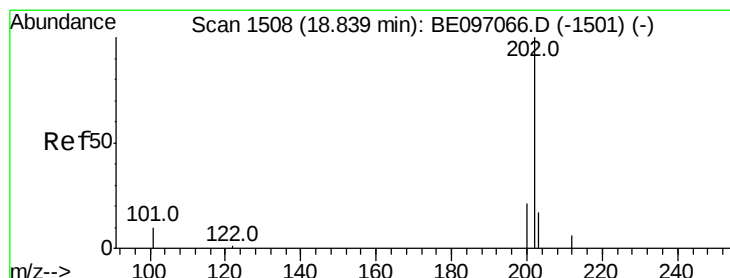
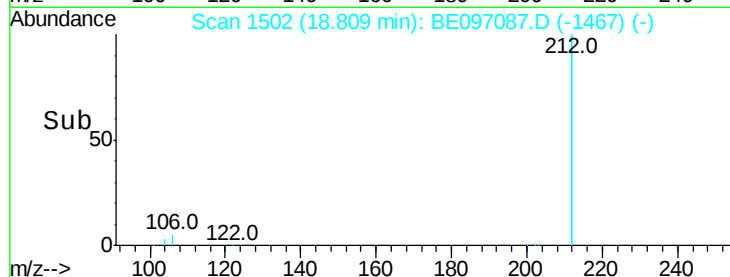
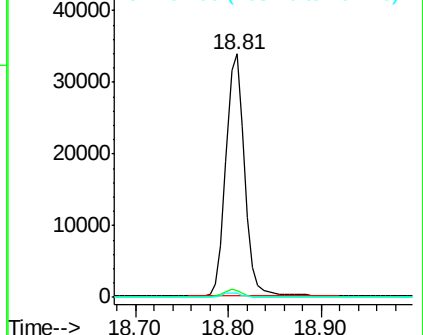
104 1.7 1.6 2.4



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: 0.403 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

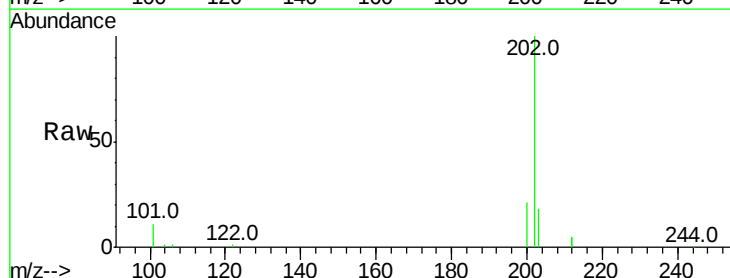
Tgt Ion:202 Resp: 12453

Ion Ratio Lower Upper

202 100

101 11.0 9.8 14.8

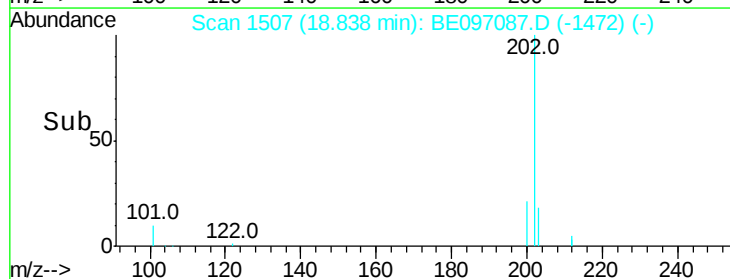
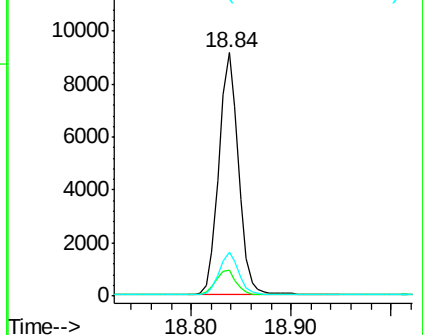
203 17.4 13.7 20.5



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

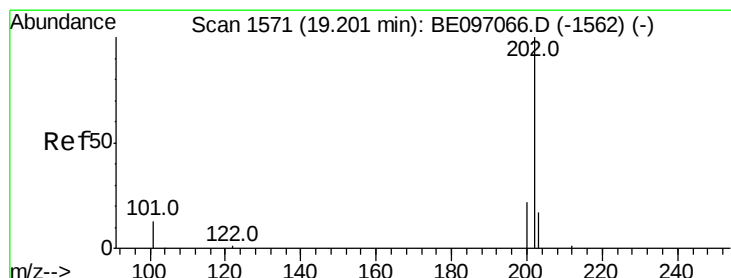
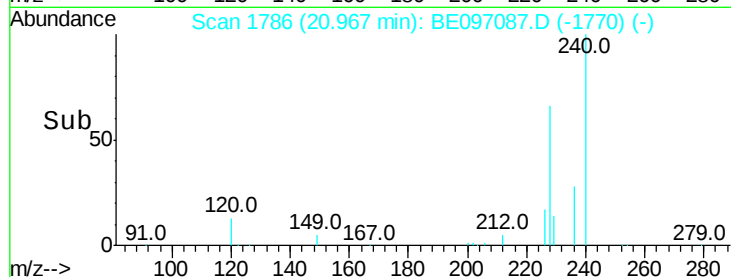
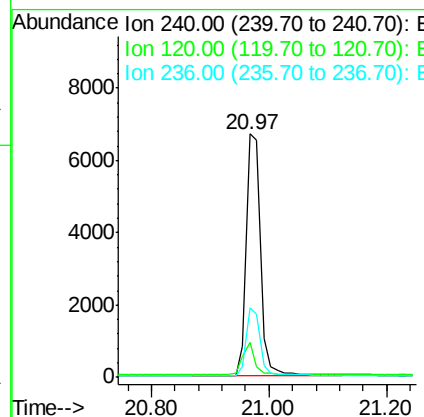
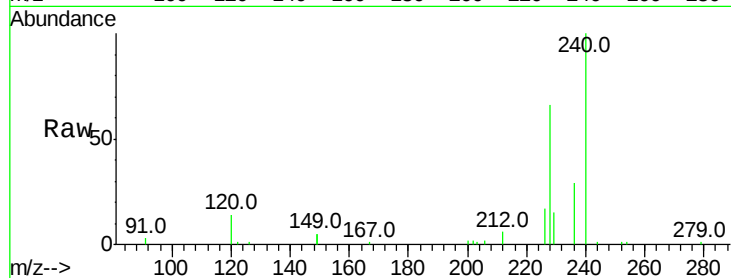




#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.97 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

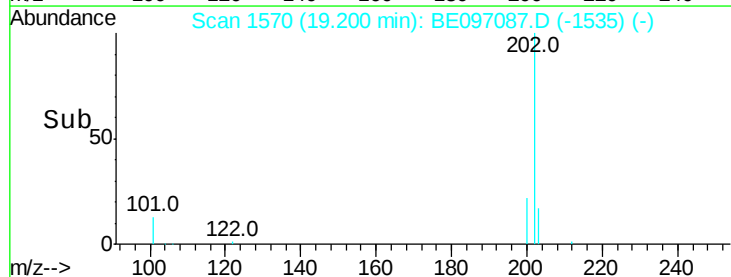
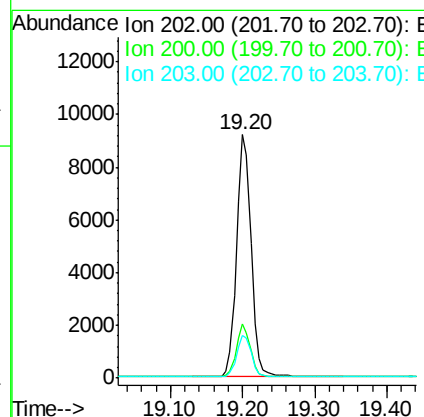
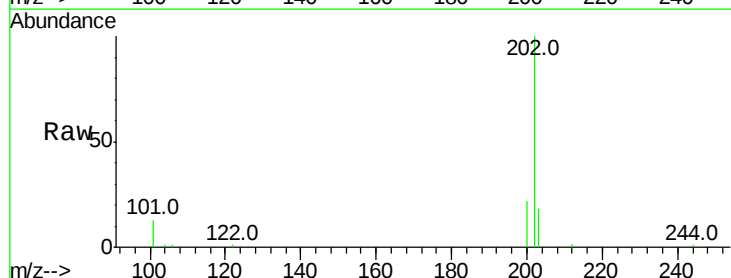
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

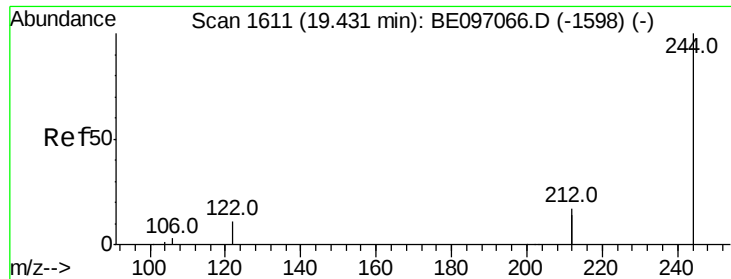
Tot Ion:240 Resp: 11429
Ion Ratio Lower Upper
240 100
120 14.1 5.5 8.3#
236 28.8 20.7 31.1



#28
Pyrene
Concen: 0.409 ng
RT: 19.20 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

Tgt Ion:202 Resp: 12823
Ion Ratio Lower Upper
202 100
200 21.0 16.6 25.0
203 17.5 13.8 20.8





#29

Terphenyl-d14

Concen: 0.402 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

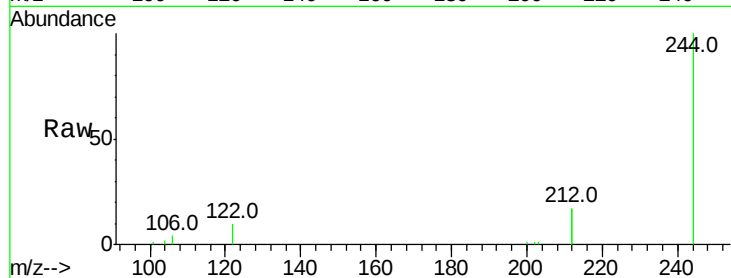
Tot Ion:244 Resp: 8834

Ion Ratio Lower Upper

244 100

212 33.0 25.4 38.0

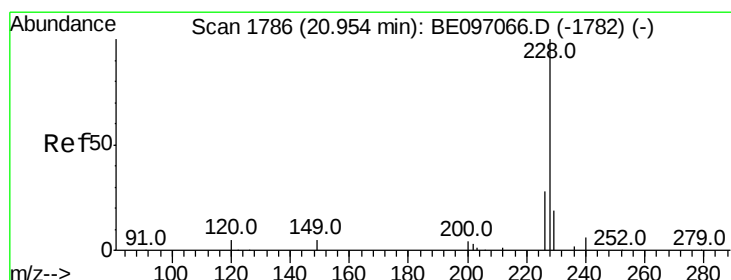
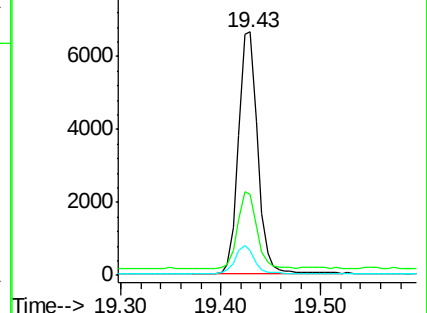
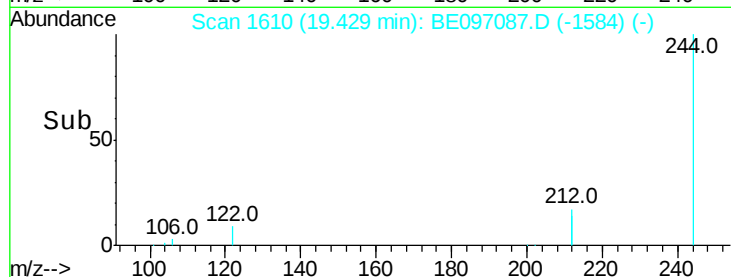
122 9.9 8.1 12.1



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: 0.421 ng

RT: 20.95 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

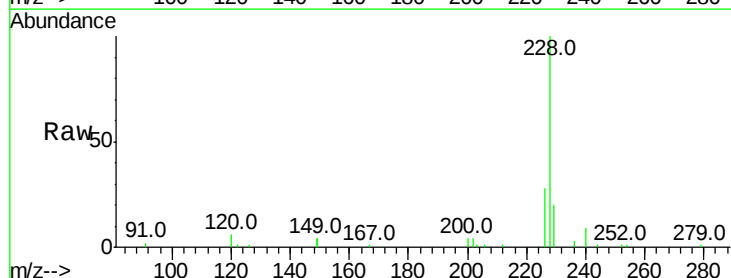
Tgt Ion:228 Resp: 11977

Ion Ratio Lower Upper

228 100

226 27.7 24.0 36.0

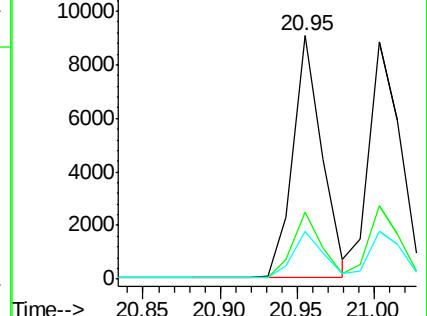
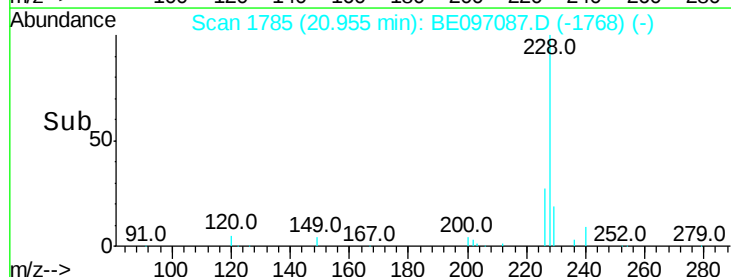
229 19.7 16.0 24.0



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





#31

Chrysene

Concen: 0.408 ng

RT: 21.00 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

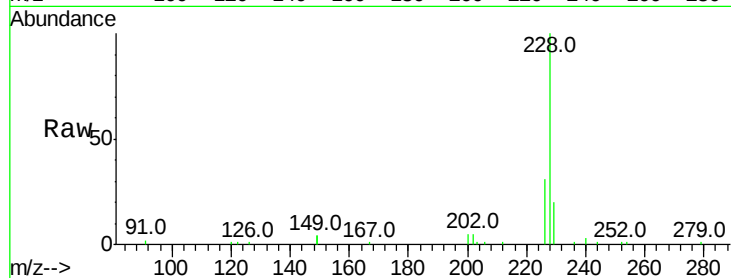
Tot Ion:228 Resp: 12443

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	20.1	16.0	24.0

228 100

226 31.2 24.0 36.0

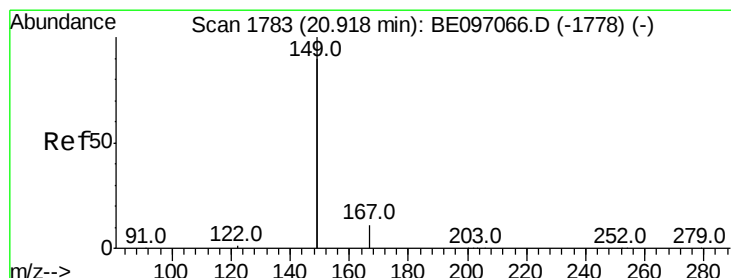
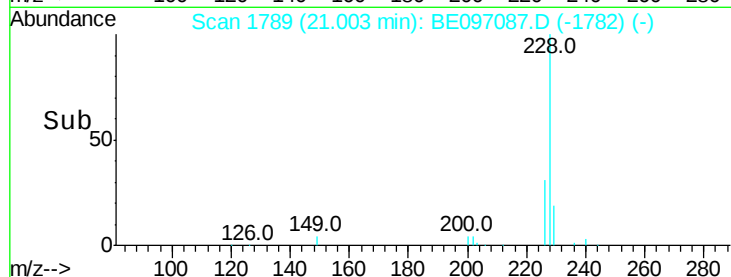
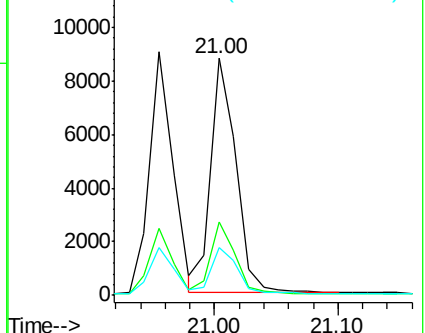
229 20.1 16.0 24.0



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: 0.743 ng

RT: 20.92 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

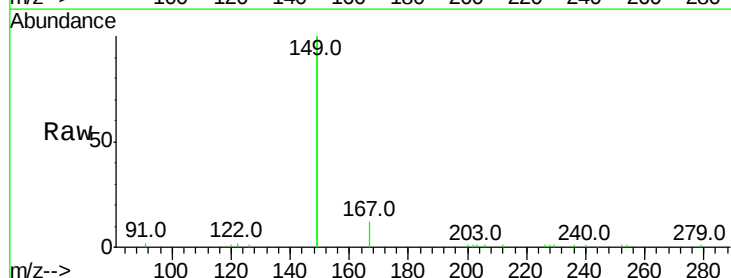
Tgt Ion:149 Resp: 23366

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.4	8.0
279	0.9	0.7	1.1

149 100

167 6.3 5.4 8.0

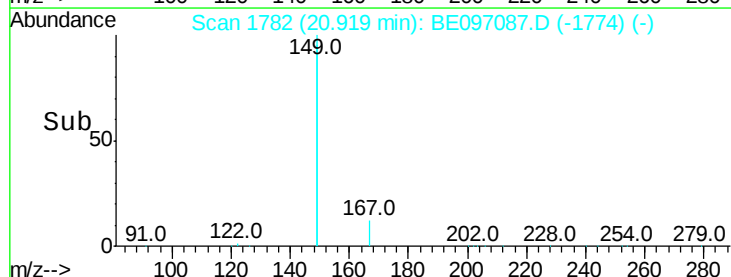
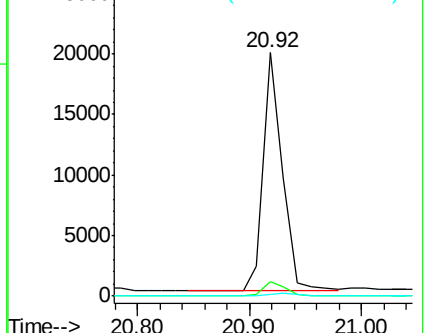
279 0.9 0.7 1.1

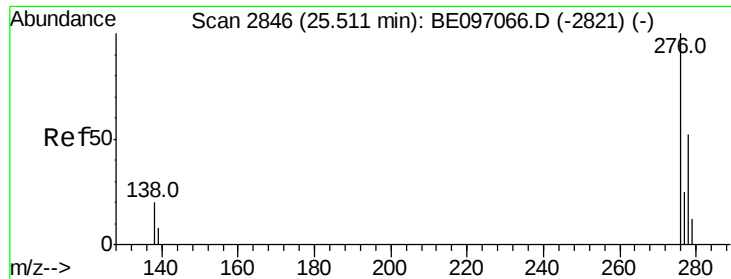


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

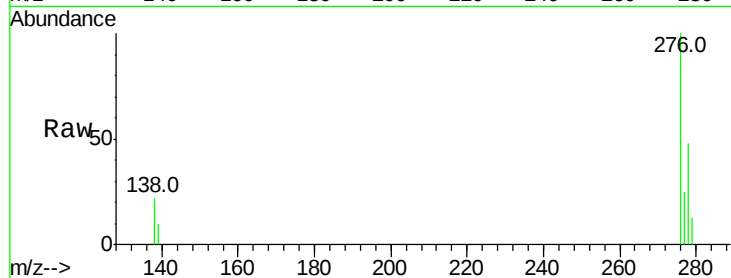




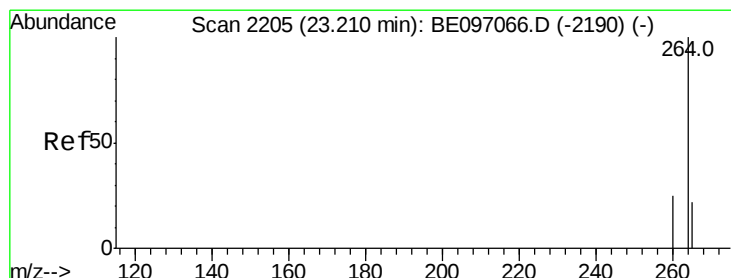
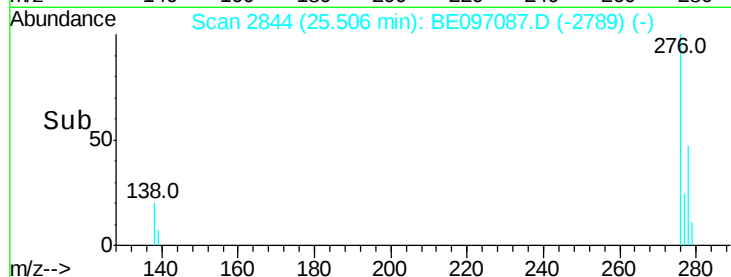
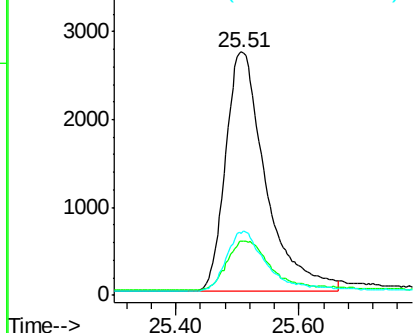
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.448 ng
 RT: 25.51 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BE097087.D
 Acq: 25 Jul 2018 00:43

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Tot Ion:276 Resp: 12370
 Ion Ratio Lower Upper
 276 100
 138 22.2 22.5 33.7#
 277 24.1 19.9 29.9

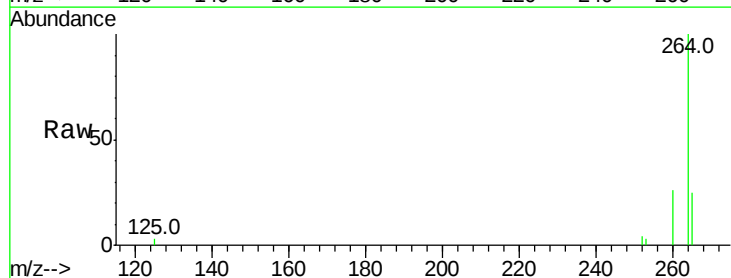


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

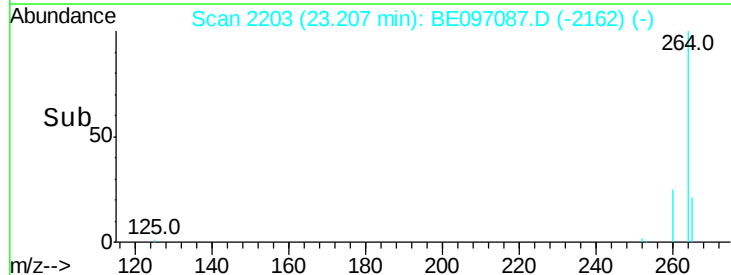
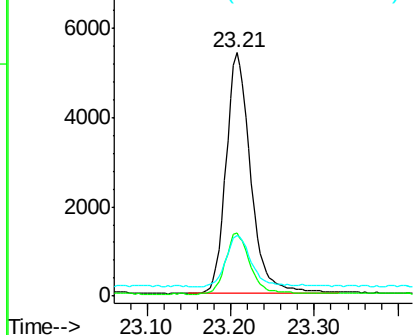


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BE097087.D
 Acq: 25 Jul 2018 00:43

Tgt Ion:264 Resp: 11109
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.5 30.7
 265 25.0 22.8 34.2



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

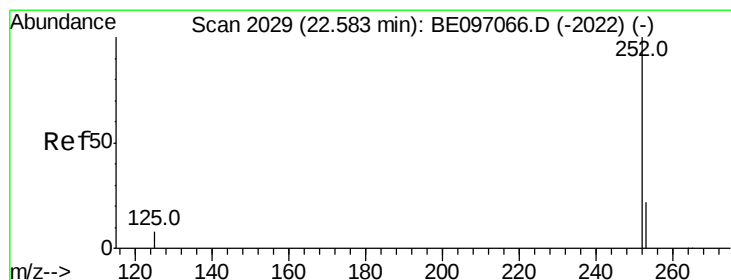
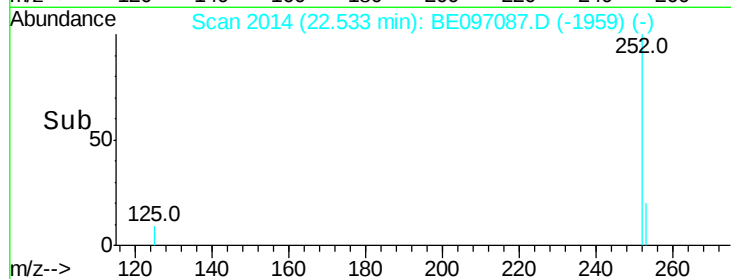
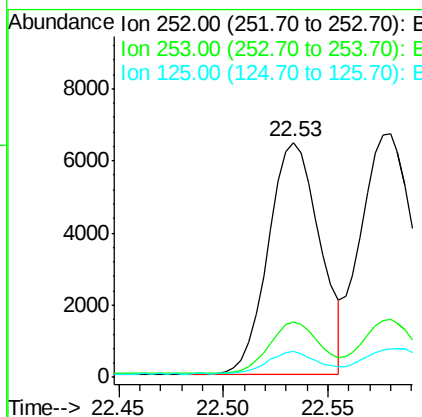
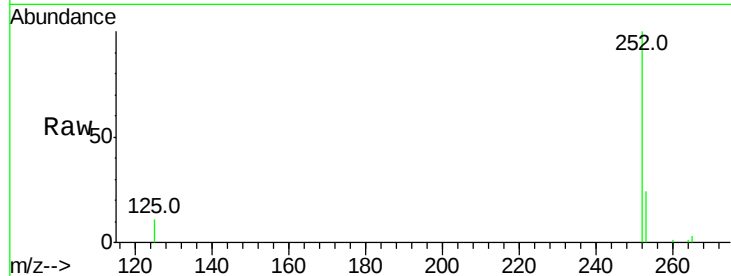




#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 22.53 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

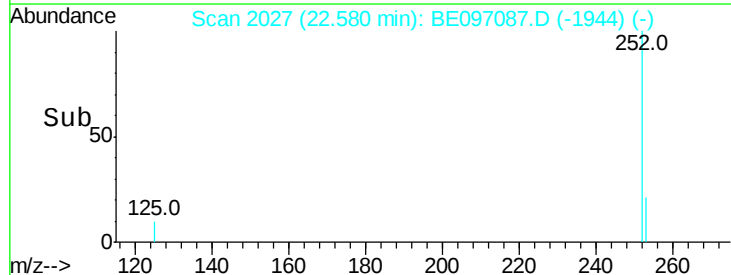
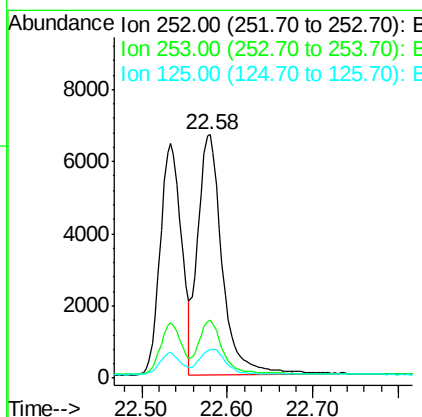
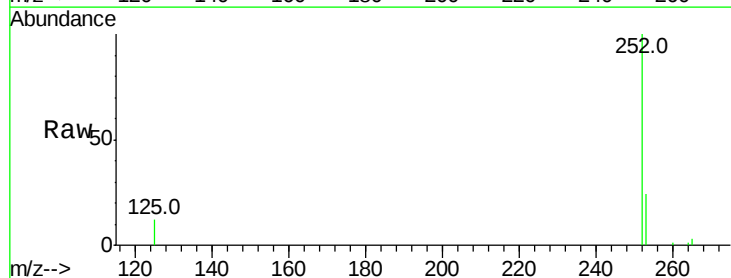
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 11038
Ion Ratio Lower Upper
252 100
253 23.6 20.0 30.0
125 10.8 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

Tgt Ion:252 Resp: 13148
Ion Ratio Lower Upper
252 100
253 23.8 16.0 24.0
125 11.6 8.0 12.0

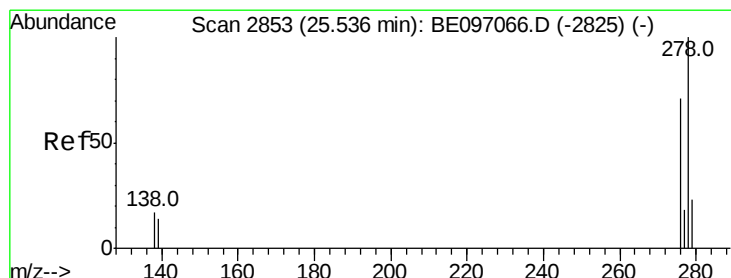
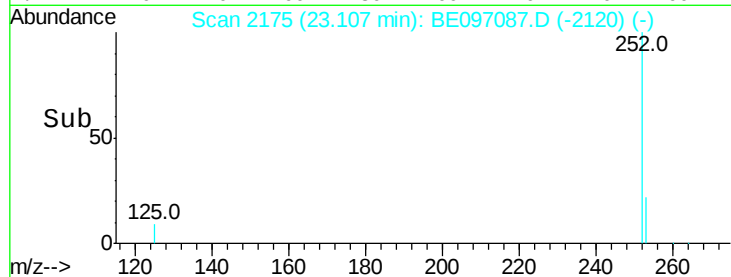
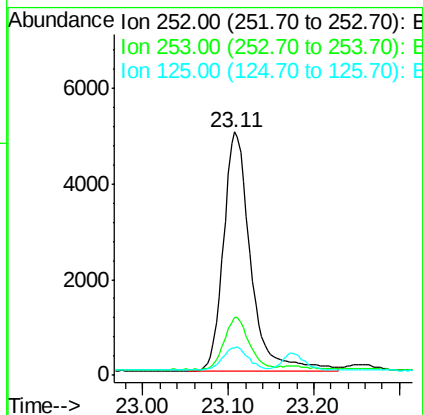
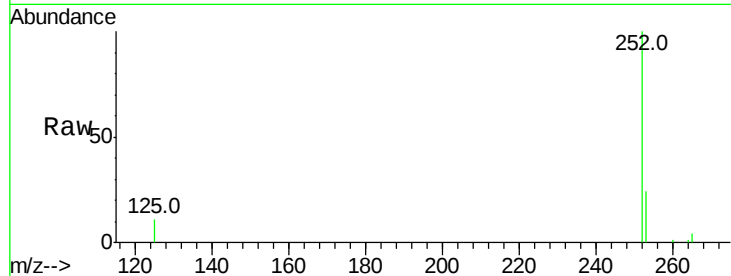




#37
Benzo(a)pyrene
Concen: 0.417 ng
RT: 23.11 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

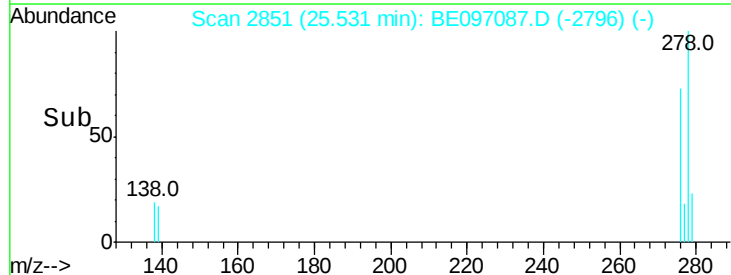
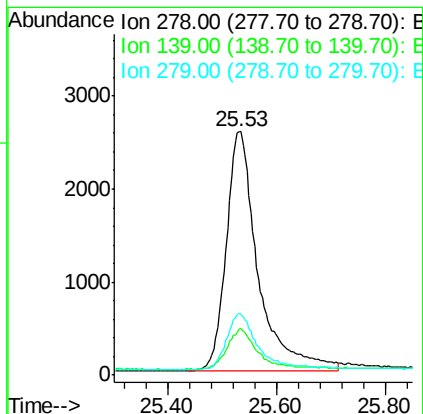
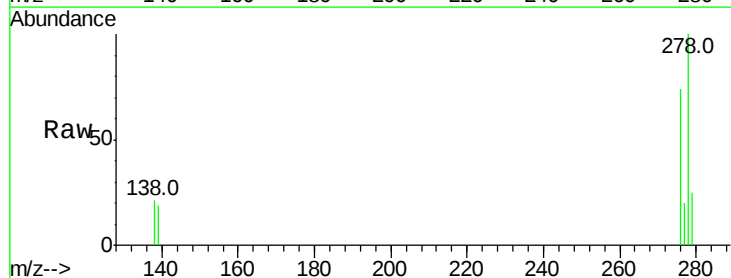
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:252 Resp: 11060
Ion Ratio Lower Upper
252 100
253 24.0 16.0 24.0
125 11.3 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 25.53 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BE097087.D
Acq: 25 Jul 2018 00:43

Tgt Ion:278 Resp: 10497
Ion Ratio Lower Upper
278 100
139 19.0 16.0 24.0
279 25.2 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.383 ng

RT: 26.21 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BE097087.D

Acq: 25 Jul 2018 00:43

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

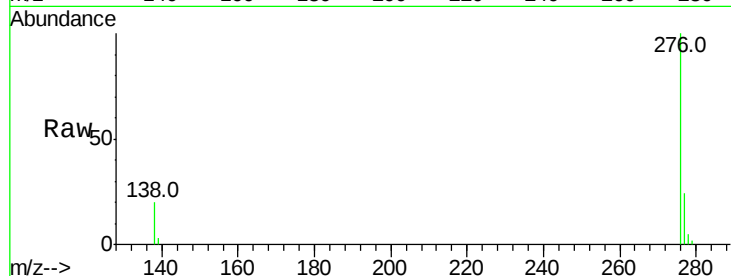
Tot Ion:276 Resp: 10768

Ion Ratio Lower Upper

276 100

277 23.9 16.0 24.0

138 20.2 20.0 30.0



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

