

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE092818\
 Data File : BE097704.D
 Acq On : 28 Sep 2018 15:01
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 28 15:46:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 27 15:45:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	921	0.40	ng	0.00
7) Naphthalene-d8	10.12	136	4267	0.40	ng	0.00
13) Acenaphthene-d10	13.99	164	2421	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	6611	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7778	0.40	ng	0.00
34) Perylene-d12	23.21	264	7695	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	822	0.36	ng	0.00
5) Phenol-d6	6.61	99	1022	0.33	ng	0.00
8) Nitrobenzene-d5	8.53	82	1205	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2544	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	315	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	3877	0.38	ng	0.00
25) Fluoranthene-d10	18.80	212	29825	0.37	ng	0.00
29) Terphenyl-d14	19.42	244	6459	0.38	ng	0.00

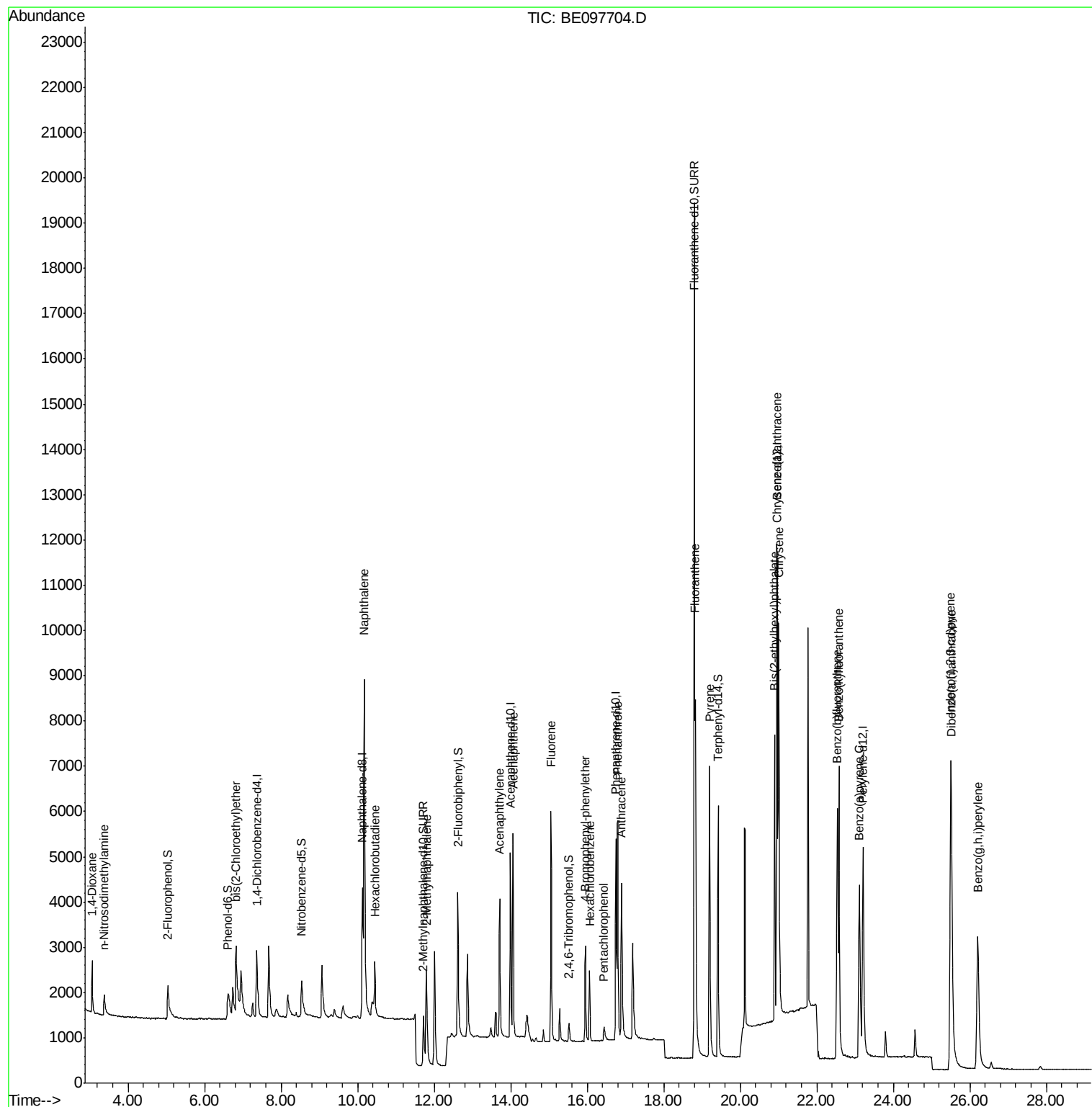
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	710	0.370	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	455	0.394	ng	98
6) bis(2-Chloroethyl)ether	6.83	93	1261	0.410	ng	# 68
9) Naphthalene	10.17	128	16222	0.385	ng	99
10) Hexachlorobutadiene	10.44	225	761	0.386	ng	96
12) 2-Methylnaphthalene	11.80	142	2473	0.384	ng	98
16) Acenaphthylene	13.71	152	3873	0.375	ng	99
17) Acenaphthene	14.06	154	2643	0.380	ng	93
18) Fluorene	15.05	166	3376	0.380	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	1254	0.372	ng	# 80
21) Hexachlorobenzene	16.07	284	1431	0.378	ng	# 82
22) Pentachlorophenol	16.44	266	296	0.340	ng	# 80
23) Phenanthrene	16.80	178	6496	0.380	ng	99
24) Anthracene	16.89	178	5148	0.366	ng	95
26) Fluoranthene	18.83	202	7909	0.373	ng	98
28) Pyrene	19.20	202	8026	0.397	ng	100
30) Benzo(a)anthracene	20.95	228	7147	0.371	ng	96
31) Chrysene	21.00	228	9295	0.386	ng	100
32) Bis(2-ethylhexyl)phthalate	20.89	149	7909	0.333	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	10624	0.418	ng	# 94
35) Benzo(b)fluoranthene	22.53	252	7703	0.346	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	10043	0.391	ng	95
37) Benzo(a)pyrene	23.11	252	7844	0.368	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	8777	0.379	ng	96
39) Benzo(g,h,i)perylene	26.21	276	8449	0.360	ng	# 89

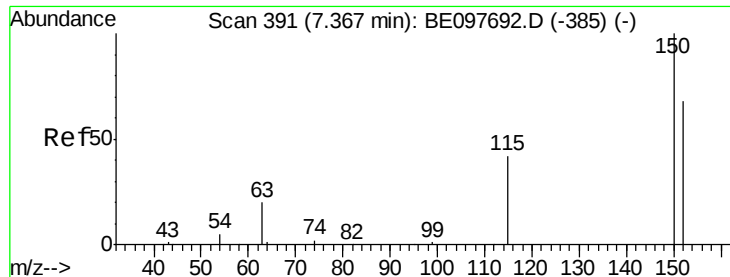
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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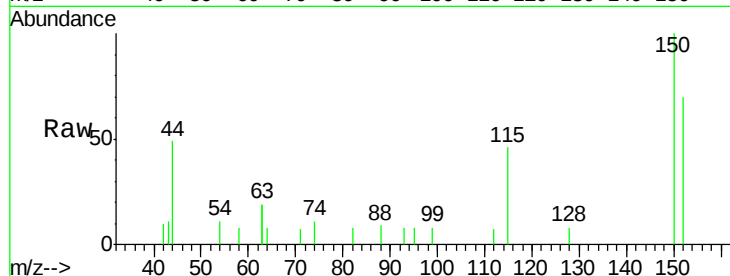


#1

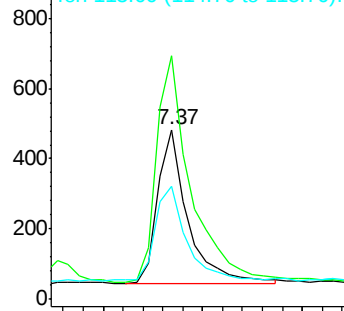
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. 0.00 min
Lab File: BE097704.D
Acq: 28 Sep 2018 15:01

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

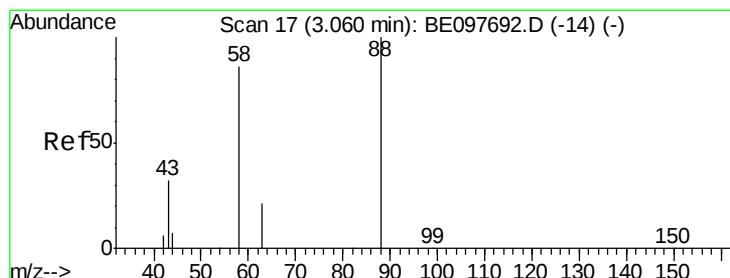
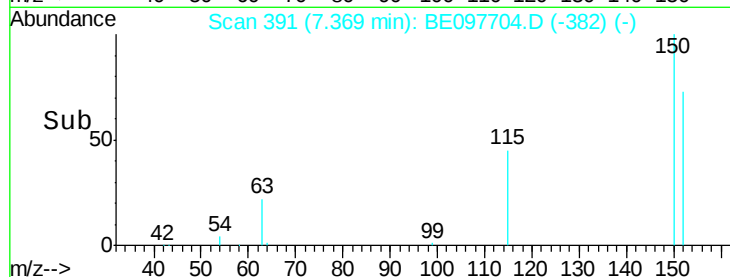
Tgt Ion: 152 Resp: 921
Ion Ratio Lower Upper
152 100
150 143.5 117.2 175.8
115 66.5 57.0 85.6



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



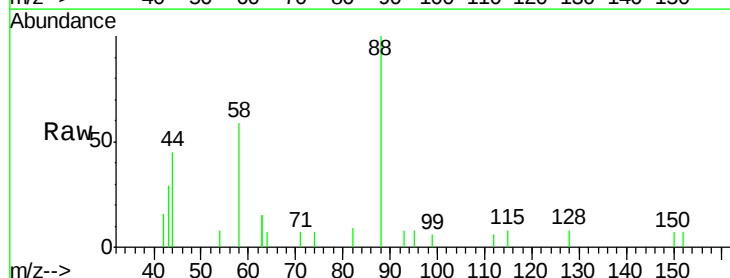
Time-->



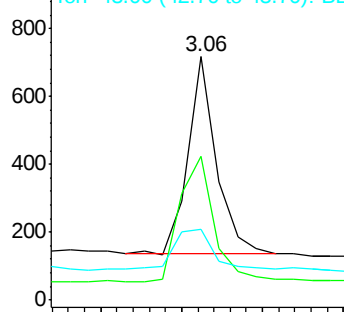
#2

1,4-Dioxane
Concen: 0.370 ng
RT: 3.06 min Scan# 17
Delta R.T. 0.00 min
Lab File: BE097704.D
Acq: 28 Sep 2018 15:01

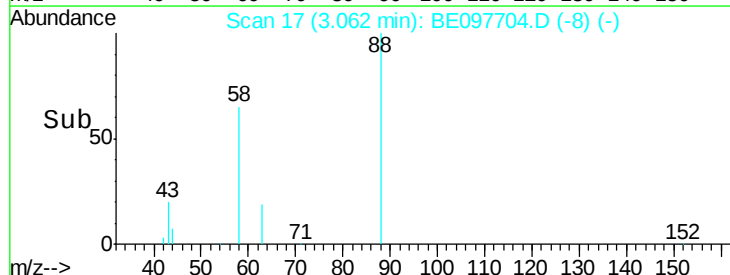
Tgt Ion: 88 Resp: 710
Ion Ratio Lower Upper
88 100
58 78.0 63.2 94.8
43 29.7 41.2 61.8#

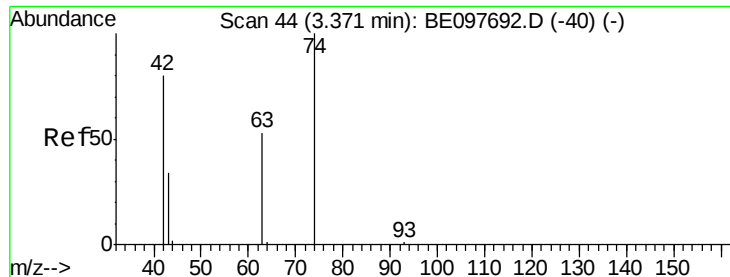


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.394 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

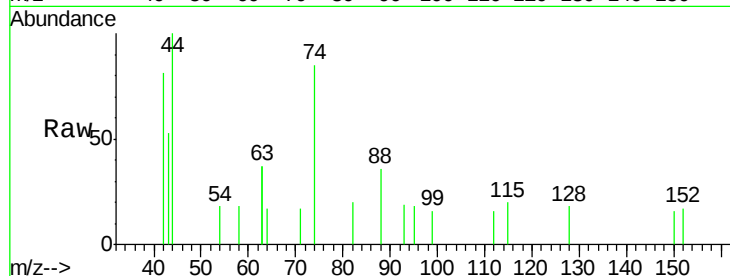
Tgt Ion: 42 Resp: 455

Ion Ratio Lower Upper

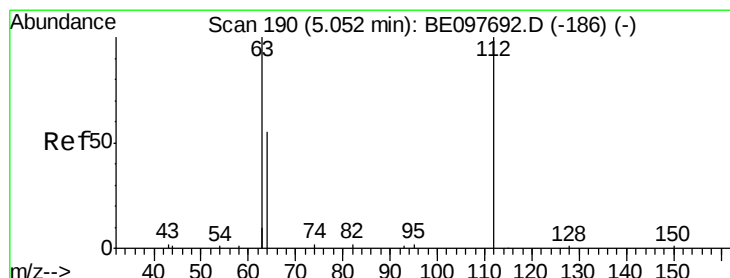
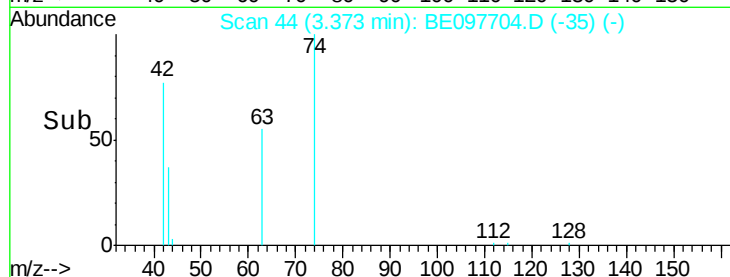
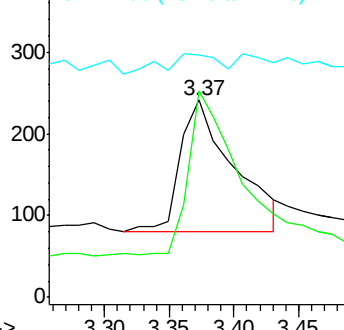
42 100

74 117.8 96.0 144.0

44 15.4 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: 0.361 ng

RT: 5.04 min Scan# 189

Delta R.T. -0.01 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

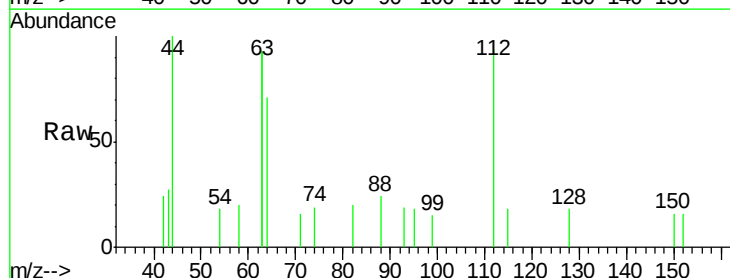
Tgt Ion: 112 Resp: 822

Ion Ratio Lower Upper

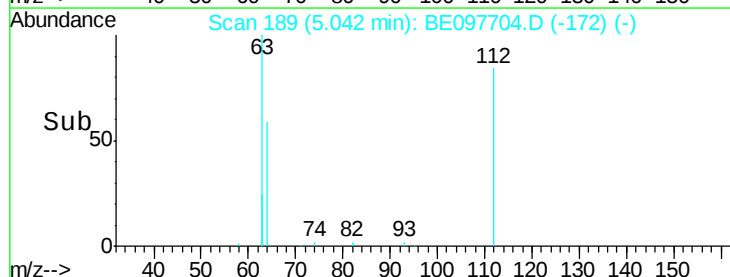
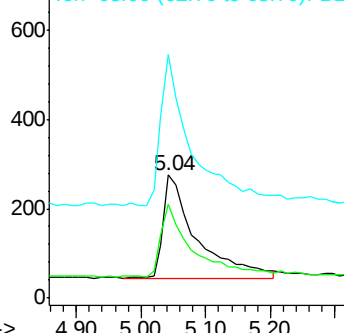
112 100

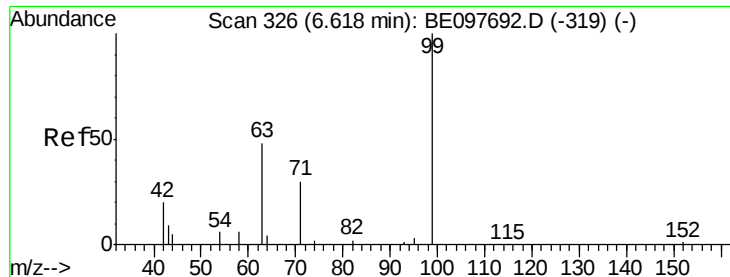
64 64.8 60.1 90.1

63 135.0 116.8 175.2



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: 0.326 ng

RT: 6.61 min Scan# 325

Delta R.T. -0.01 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

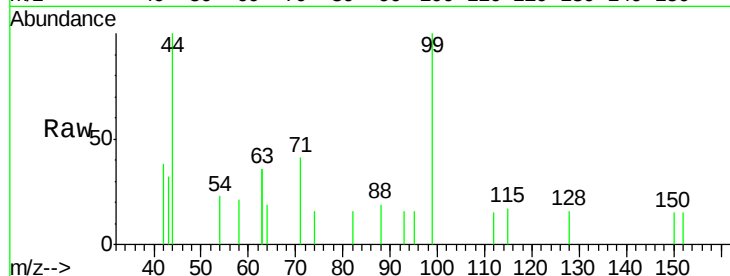
Tgt Ion: 99 Resp: 1022

Ion Ratio Lower Upper

99 100

42 21.1 20.2 30.2

71 33.6 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

6.61

300

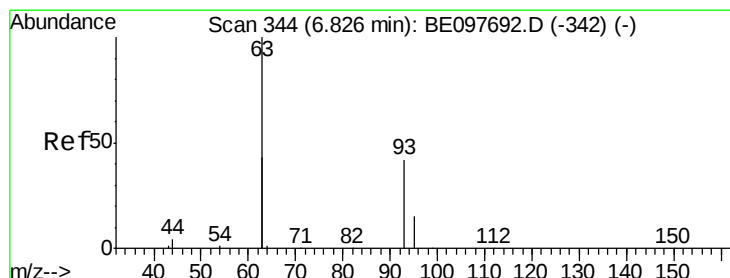
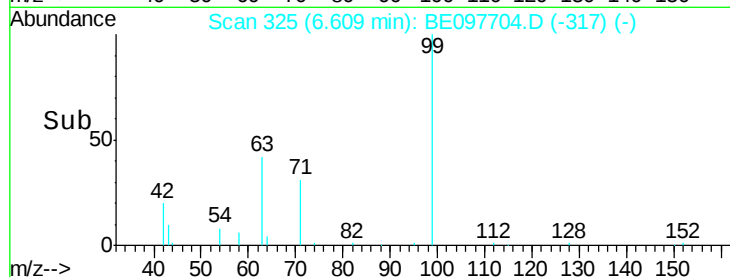
200

100

0

6.50 6.55 6.60 6.65 6.70

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.410 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

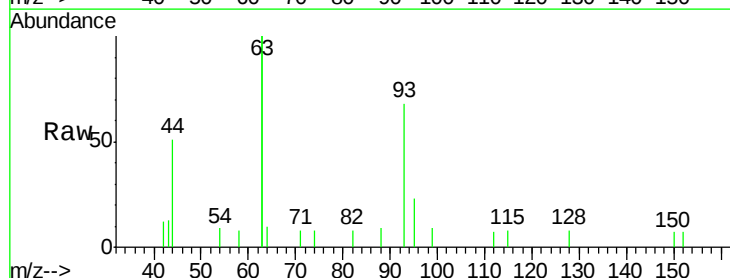
Tgt Ion: 93 Resp: 1261

Ion Ratio Lower Upper

93 100

63 268.9 275.3 412.9#

95 30.2 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

6.83

1500

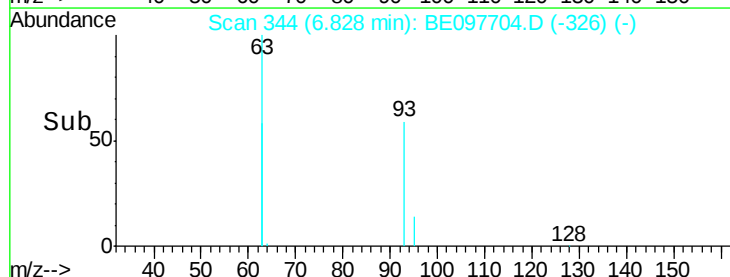
1000

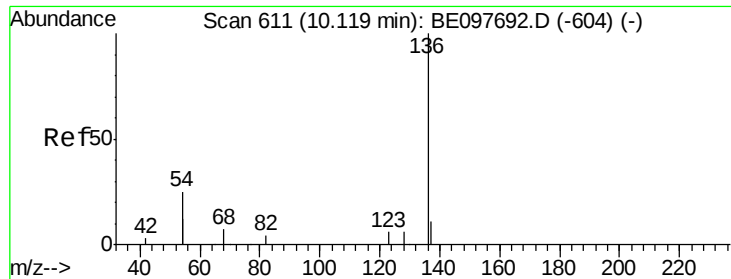
500

0

6.80 6.83 6.86 6.89 6.92 6.95 6.98 7.01 7.04 7.07 7.10 7.13 7.16 7.19 7.22 7.25 7.28 7.31 7.34 7.37 7.40 7.43 7.46 7.49 7.52 7.55 7.58 7.61 7.64 7.67 7.70 7.73 7.76 7.79 7.82 7.85 7.88 7.91 7.94 7.97 8.00 8.03 8.06 8.09 8.12 8.15 8.18 8.21 8.24 8.27 8.30 8.33 8.36 8.39 8.42 8.45 8.48 8.51 8.54 8.57 8.60 8.63 8.66 8.69 8.72 8.75 8.78 8.81 8.84 8.87 8.90 8.93 8.96 8.99 9.02 9.05 9.08 9.11 9.14 9.17 9.20 9.23 9.26 9.29 9.32 9.35 9.38 9.41 9.44 9.47 9.50 9.53 9.56 9.59 9.62 9.65 9.68 9.71 9.74 9.77 9.80 9.83 9.86 9.89 9.92 9.95 9.98 10.01 10.04 10.07 10.10 10.13 10.16 10.19 10.22 10.25 10.28 10.31 10.34 10.37 10.40 10.43 10.46 10.49 10.52 10.55 10.58 10.61 10.64 10.67 10.70 10.73 10.76 10.79 10.82 10.85 10.88 10.91 10.94 10.97 11.00 11.03 11.06 11.09 11.12 11.15 11.18 11.21 11.24 11.27 11.30 11.33 11.36 11.39 11.42 11.45 11.48 11.51 11.54 11.57 11.60 11.63 11.66 11.69 11.72 11.75 11.78 11.81 11.84 11.87 11.90 11.93 11.96 11.99 12.02 12.05 12.08 12.11 12.14 12.17 12.20 12.23 12.26 12.29 12.32 12.35 12.38 12.41 12.44 12.47 12.50 12.53 12.56 12.59 12.62 12.65 12.68 12.71 12.74 12.77 12.80 12.83 12.86 12.89 12.92 12.95 12.98 13.01 13.04 13.07 13.10 13.13 13.16 13.19 13.22 13.25 13.28 13.31 13.34 13.37 13.40 13.43 13.46 13.49 13.52 13.55 13.58 13.61 13.64 13.67 13.70 13.73 13.76 13.79 13.82 13.85 13.88 13.91 13.94 13.97 14.00 14.03 14.06 14.09 14.12 14.15 14.18 14.21 14.24 14.27 14.30 14.33 14.36 14.39 14.42 14.45 14.48 14.51 14.54 14.57 14.60 14.63 14.66 14.69 14.72 14.75 14.78 14.81 14.84 14.87 14.90 14.93 14.96 14.99 15.02 15.05 15.08 15.11 15.14 15.17 15.20 15.23 15.26 15.29 15.32 15.35 15.38 15.41 15.44 15.47 15.50 15.53 15.56 15.59 15.62 15.65 15.68 15.71 15.74 15.77 15.80 15.83 15.86 15.89 15.92 15.95 15.98 16.01 16.04 16.07 16.10 16.13 16.16 16.19 16.22 16.25 16.28 16.31 16.34 16.37 16.40 16.43 16.46 16.49 16.52 16.55 16.58 16.61 16.64 16.67 16.70 16.73 16.76 16.79 16.82 16.85 16.88 16.91 16.94 16.97 17.00 17.03 17.06 17.09 17.12 17.15 17.18 17.21 17.24 17.27 17.30 17.33 17.36 17.39 17.42 17.45 17.48 17.51 17.54 17.57 17.60 17.63 17.66 17.69 17.72 17.75 17.78 17.81 17.84 17.87 17.90 17.93 17.96 17.99 18.02 18.05 18.08 18.11 18.14 18.17 18.20 18.23 18.26 18.29 18.32 18.35 18.38 18.41 18.44 18.47 18.50 18.53 18.56 18.59 18.62 18.65 18.68 18.71 18.74 18.77 18.80 18.83 18.86 18.89 18.92 18.95 18.98 19.01 19.04 19.07 19.10 19.13 19.16 19.19 19.22 19.25 19.28 19.31 19.34 19.37 19.40 19.43 19.46 19.49 19.52 19.55 19.58 19.61 19.64 19.67 19.70 19.73 19.76 19.79 19.82 19.85 19.88 19.91 19.94 19.97 20.00 20.03 20.06 20.09 20.12 20.15 20.18 20.21 20.24 20.27 20.30 20.33 20.36 20.39 20.42 20.45 20.48 20.51 20.54 20.57 20.60 20.63 20.66 20.69 20.72 20.75 20.78 20.81 20.84 20.87 20.90 20.93 20.96 20.99 21.02 21.05 21.08 21.11 21.14 21.17 21.20 21.23 21.26 21.29 21.32 21.35 21.38 21.41 21.44 21.47 21.50 21.53 21.56 21.59 21.62 21.65 21.68 21.71 21.74 21.77 21.80 21.83 21.86 21.89 21.92 21.95 21.98 22.01 22.04 22.07 22.10 22.13 22.16 22.19 22.22 22.25 22.28 22.31 22.34 22.37 22.40 22.43 22.46 22.49 22.52 22.55 22.58 22.61 22.64 22.67 22.70 22.73 22.76 22.79 22.82 22.85 22.88 22.91 22.94 22.97 23.00 23.03 23.06 23.09 23.12 23.15 23.18 23.21 23.24 23.27 23.30 23.33 23.36 23.39 23.42 23.45 23.48 23.51 23.54 23.57 23.60 23.63 23.66 23.69 23.72 23.75 23.78 23.81 23.84 23.87 23.90 23.93 23.96 23.99 24.02 24.05 24.08 24.11 24.14 24.17 24.20 24.23 24.26 24.29 24.32 24.35 24.38 24.41 24.44 24.47 24.50 24.53 24.56 24.59 24.62 24.65 24.68 24.71 24.74 24.77 24.80 24.83 24.86 24.89 24.92 24.95 24.98 25.01 25.04 25.07 25.10 25.13 25.16 25.19 25.22 25.25 25.28 25.31 25.34 25.37 25.40 25.43 25.46 25.49 25.52 25.55 25.58 25.61 25.64 25.67 25.70 25.73 25.76 25.79 25.82 25.85 25.88 25.91 25.94 25.97 26.00 26.03 26.06 26.09 26.12 26.15 26.18 26.21 26.24 26.27 26.30 26.33 26.36 26.39 26.42 26.45 26.48 26.51 26.54 26.57 26.60 26.63 26.66 26.69 26.72 26.75 26.78 26.81 26.84 26.87 26.90 26.93 26.96 26.99 27.02 27.05 27.08 27.11 27.14 27.17 27.20 27.23 27.26 27.29 27.32 27.35 27.38 27.41 27.44 27.47 27.50 27.53 27.56 27.59 27.62 27.65 27.68 27.71 27.74 27.77 27.80 27.83 27.86 27.89 27.92 27.95 27.98 28.01 28.04 28.07 28.10 28.13 28.16 28.19 28.22 28.25 28.28 28.31 28.34 28.37 28.40 28.43 28.46 28.49 28.52 28.55 28.58 28.61 28.64 28.67 28.70 28.73 28.76 28.79 28.82 28.85 28.88 28.91 28.94 28.97 29.00 29.03 29.06 29.09 29.12 29.15 29.18 29.21 29.24 29.27 29.30 29.33 29.36 29.39 29.42 29.45 29.48 29.51 29.54 29.57 29.60 29.63 29.66 29.69 29.72 29.75 29.78 29.81 29.84 29.87 29.90 29.93 29.96 30.00

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 4267

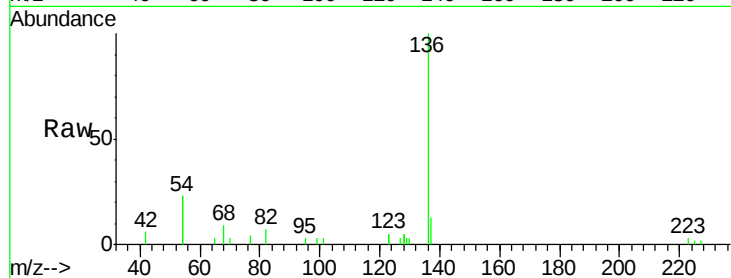
Ion Ratio Lower Upper

136 100

137 12.7 9.5 14.3

54 46.5 29.1 43.7#

68 9.2 6.2 9.2#

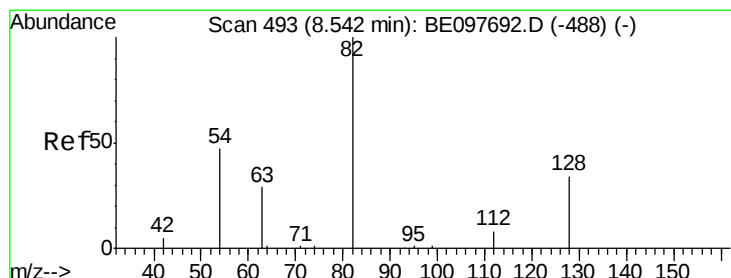
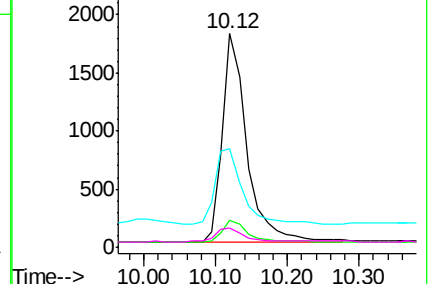
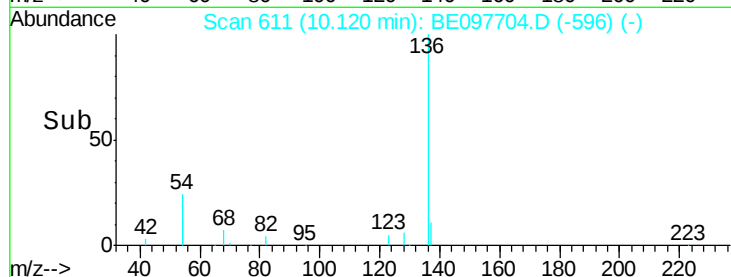


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.01 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

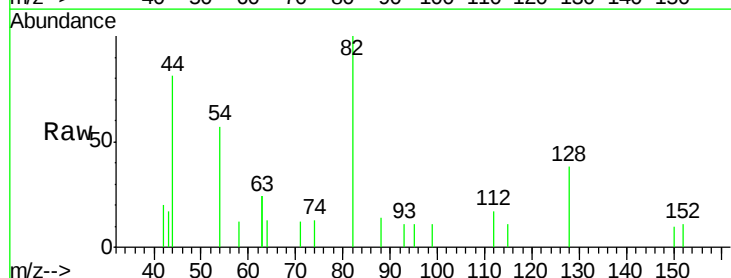
Tgt Ion: 82 Resp: 1205

Ion Ratio Lower Upper

82 100

128 38.1 24.0 36.0#

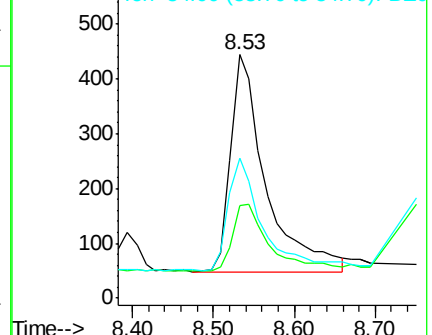
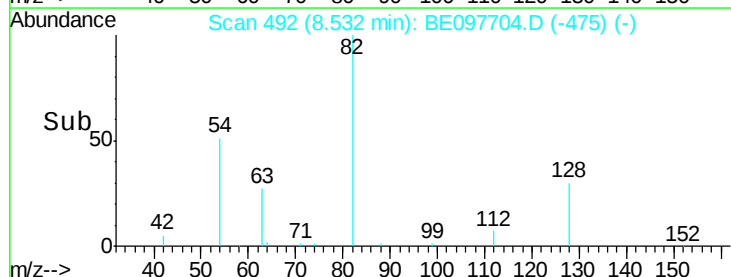
54 57.4 40.0 60.0

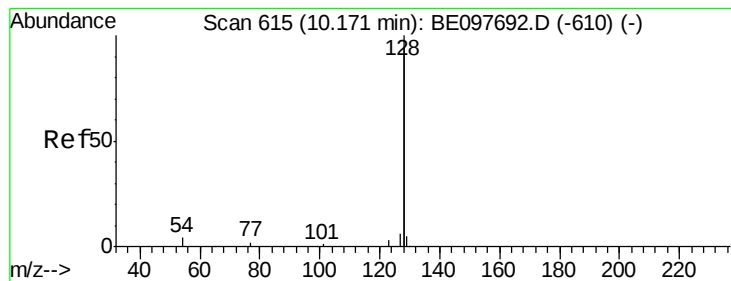


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.385 ng

RT: 10.17 min Scan# 615

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

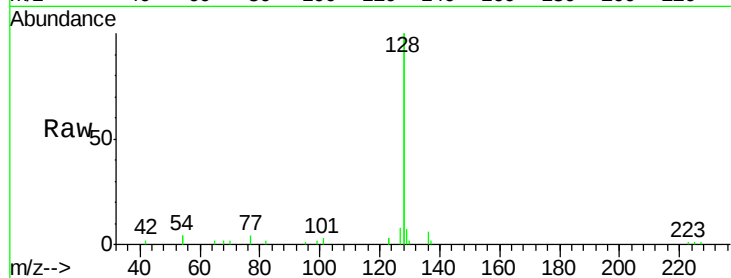
Tgt Ion:128 Resp: 16222

Ion Ratio Lower Upper

128 100

129 3.3 2.6 3.8

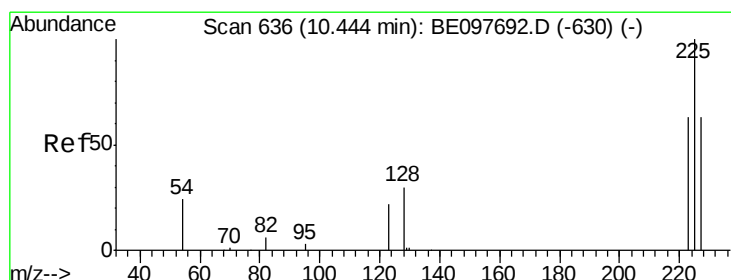
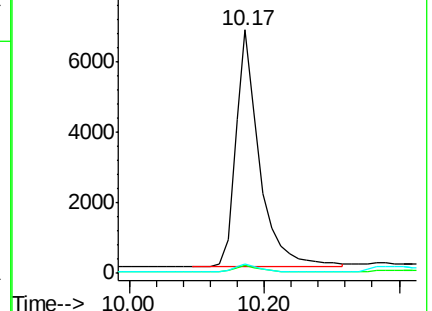
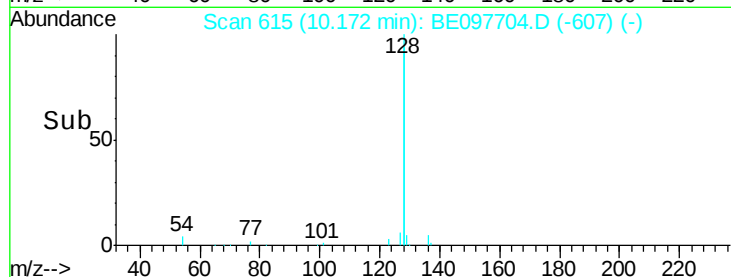
127 3.8 2.8 4.2



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: 0.386 ng

RT: 10.44 min Scan# 636

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

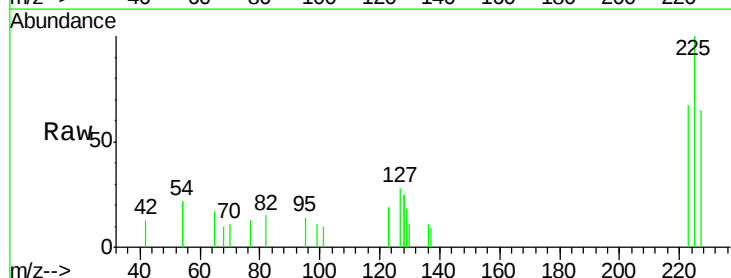
Tgt Ion:225 Resp: 761

Ion Ratio Lower Upper

225 100

223 61.9 53.0 79.6

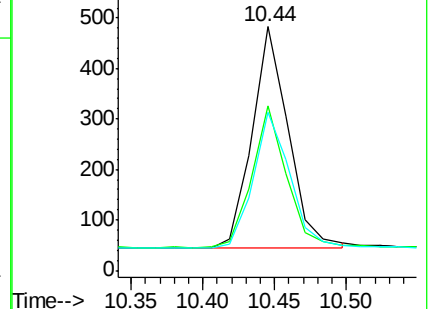
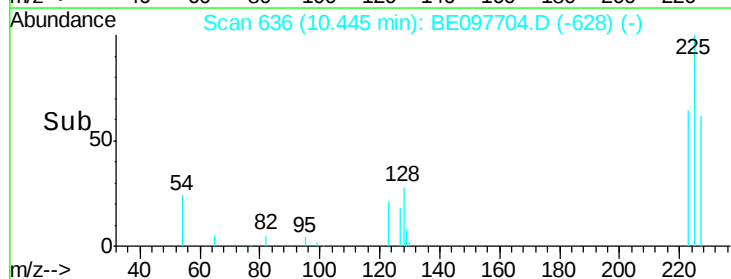
227 62.4 51.4 77.2

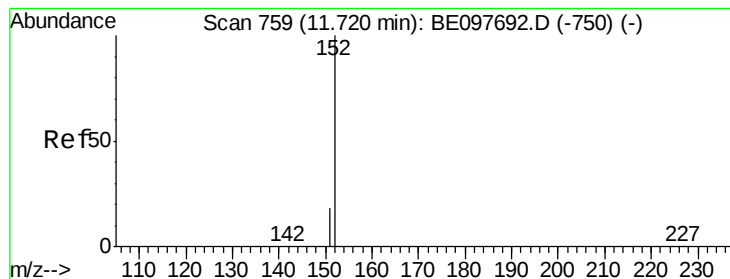


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

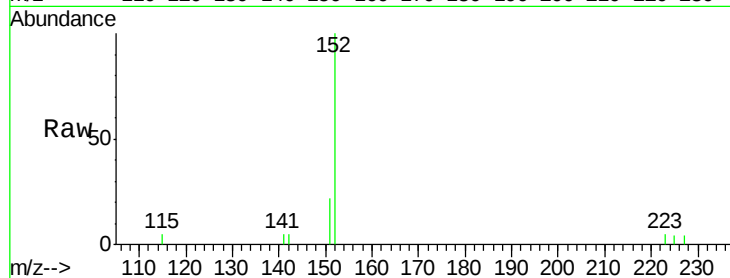
SSTDCCC0.4EC

Tgt Ion:152 Resp: 2544

Ion Ratio Lower Upper

152 100

151 17.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.72

1000

800

600

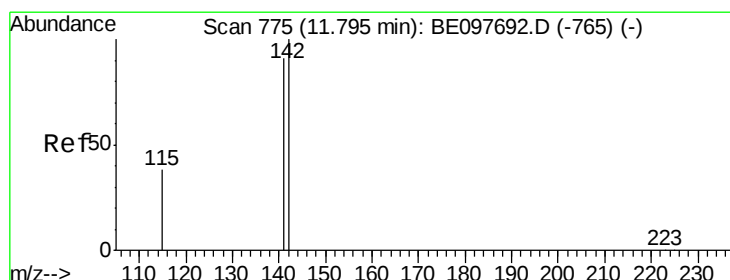
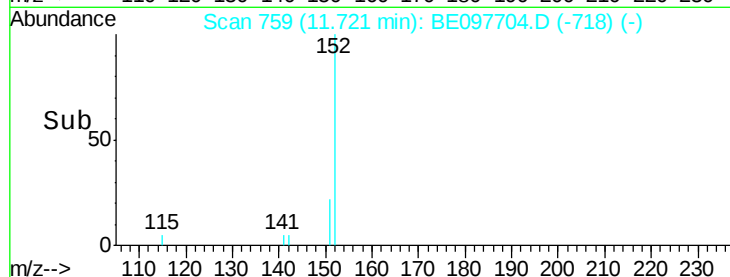
400

200

0

Time-->

11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.384 ng

RT: 11.80 min Scan# 775

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

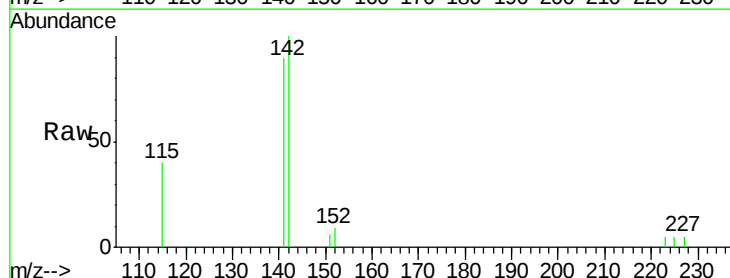
Tgt Ion:142 Resp: 2473

Ion Ratio Lower Upper

142 100

141 90.1 70.4 105.6

115 40.4 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

11.80

1200

1000

800

600

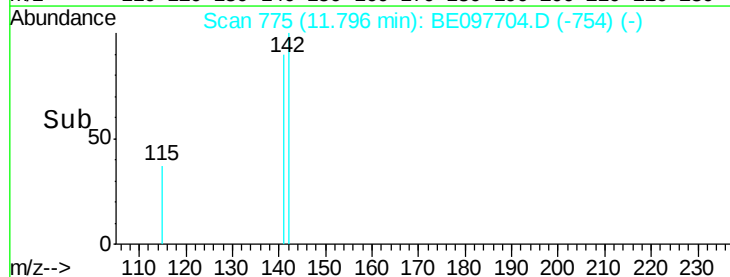
400

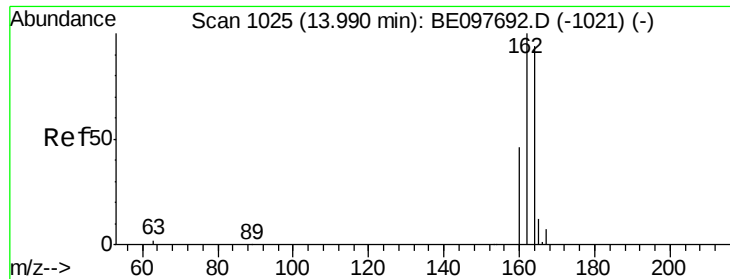
200

0

Time-->

11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.99 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

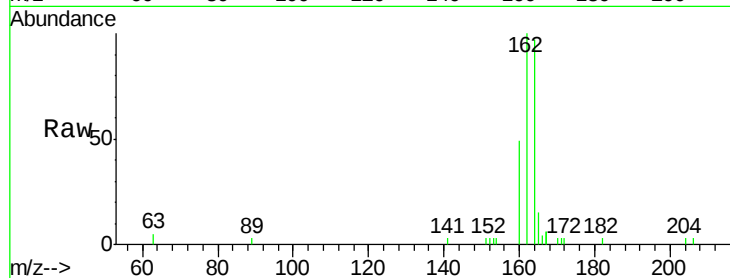
Tgt Ion:164 Resp: 2421

Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

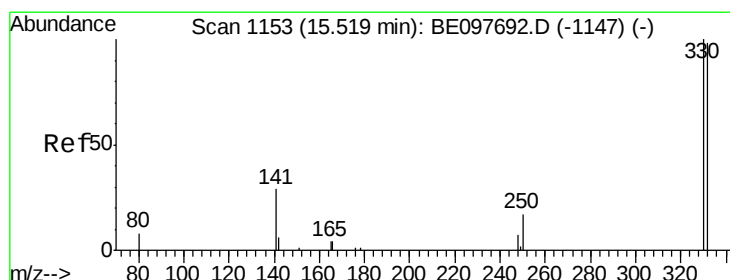
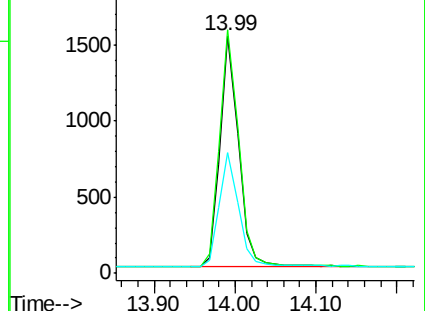
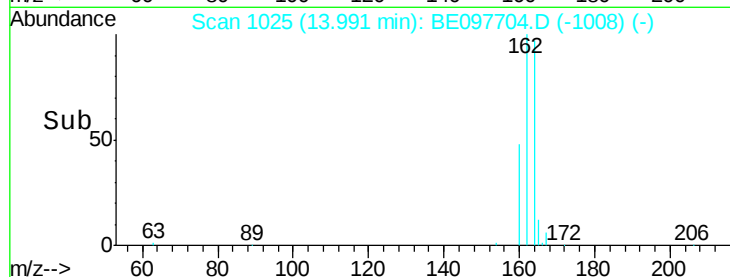
160 50.8 37.1 55.7



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: 0.333 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

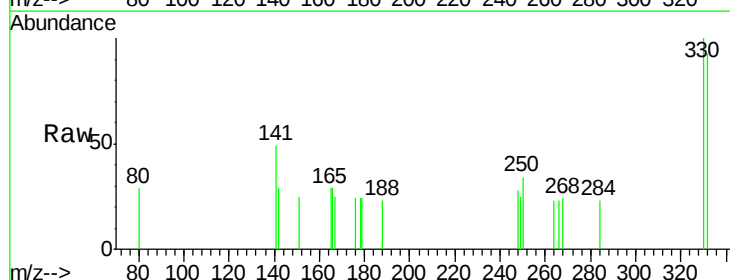
Tgt Ion:330 Resp: 315

Ion Ratio Lower Upper

330 100

332 99.4 152.7 229.1#

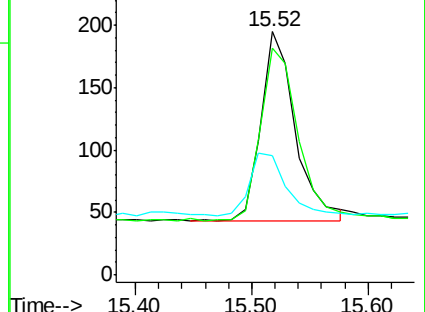
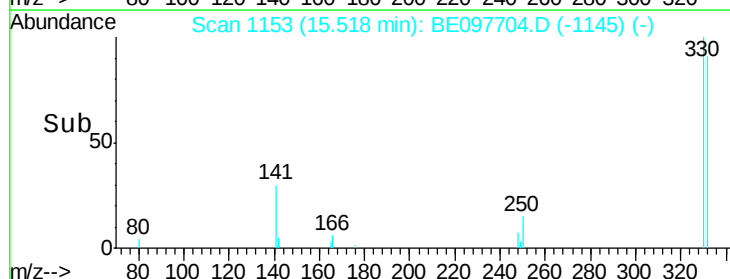
141 36.2 33.7 50.5

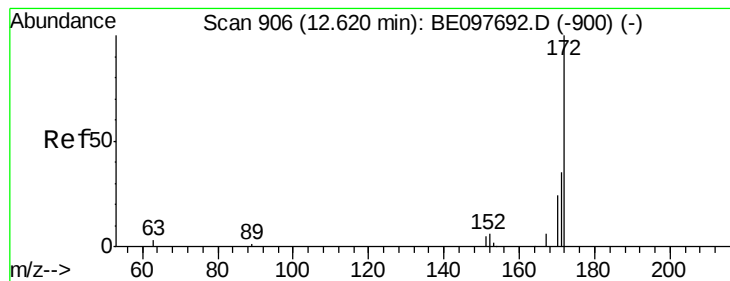


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.381 ng

RT: 12.62 min Scan# 906

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

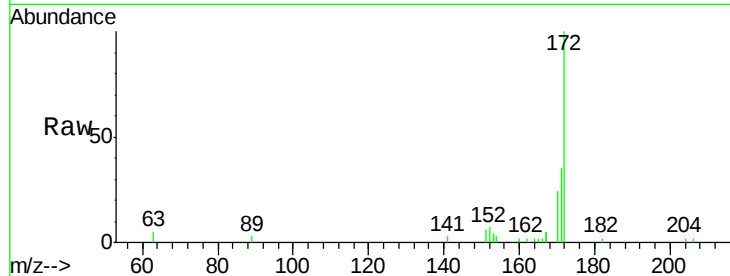
Tgt Ion:172 Resp: 3877

Ion Ratio Lower Upper

172 100

171 35.0 29.9 44.9

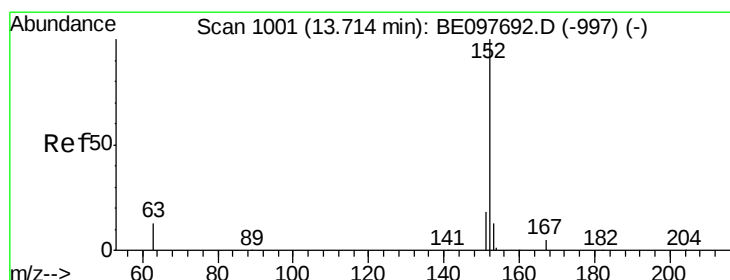
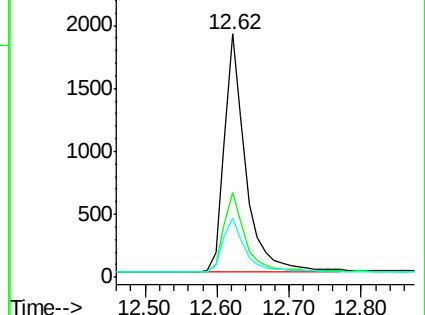
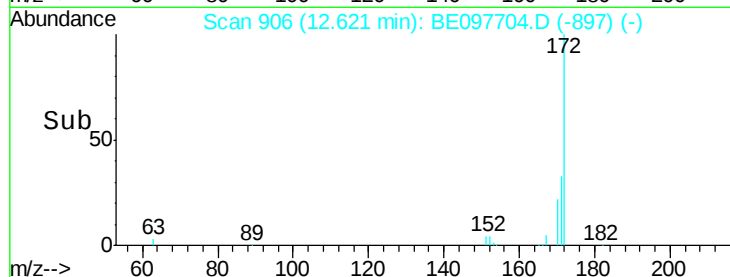
170 24.2 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.375 ng

RT: 13.71 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

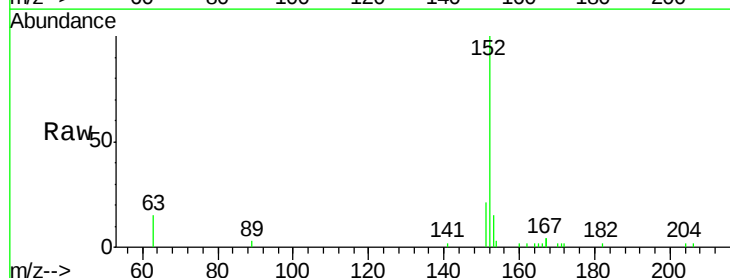
Tgt Ion:152 Resp: 3873

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

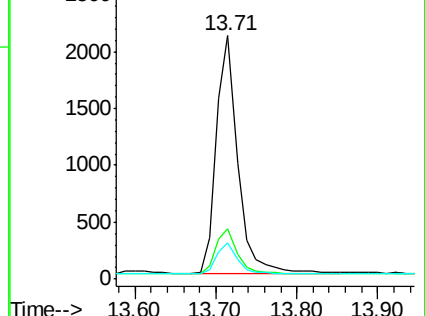
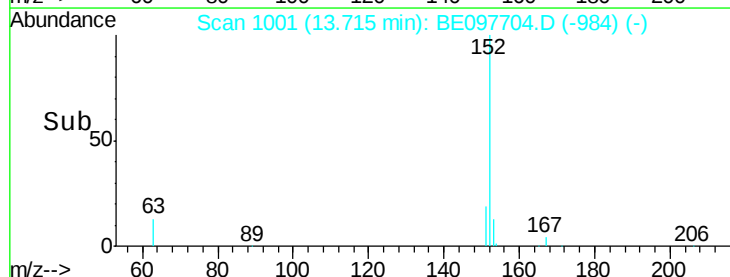
153 12.7 10.5 15.7

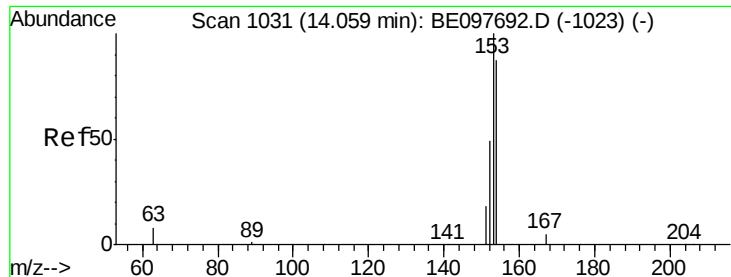


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

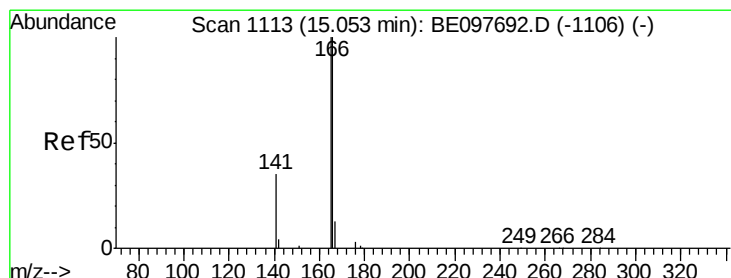
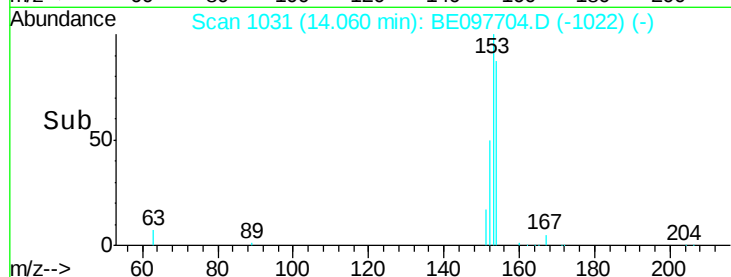
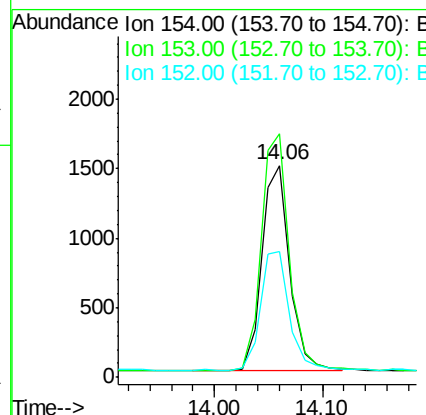
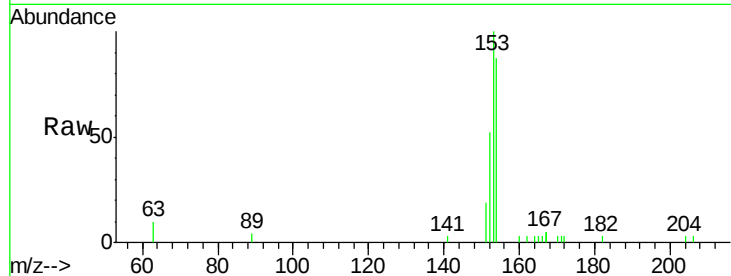




#17
Acenaphthene
Concen: 0.380 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097704.D
Acq: 28 Sep 2018 15:01

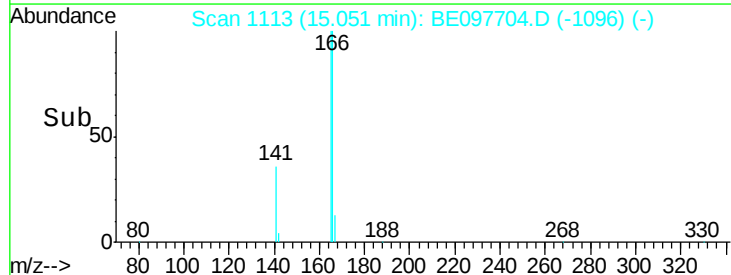
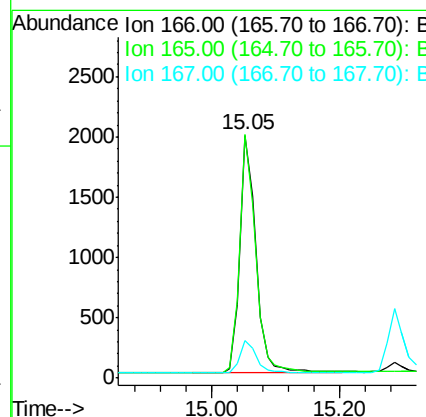
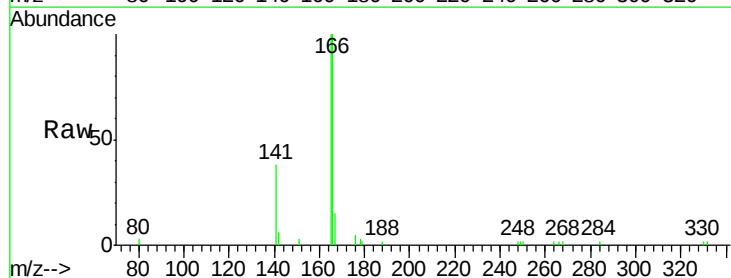
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

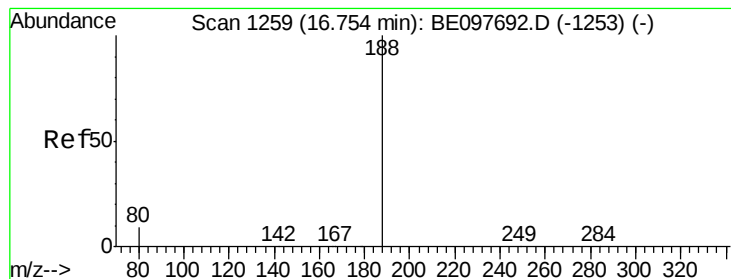
Tgt Ion:154 Resp: 2643
Ion Ratio Lower Upper
154 100
153 116.8 89.2 133.8
152 60.5 42.0 63.0



#18
Fluorene
Concen: 0.380 ng
RT: 15.05 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE097704.D
Acq: 28 Sep 2018 15:01

Tgt Ion:166 Resp: 3376
Ion Ratio Lower Upper
166 100
165 98.9 77.8 116.6
167 13.7 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.75 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

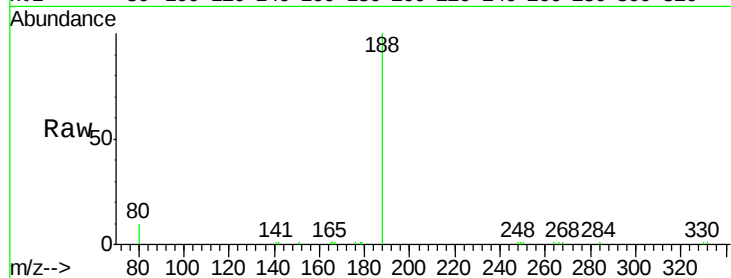
Tgt Ion:188 Resp: 6611

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

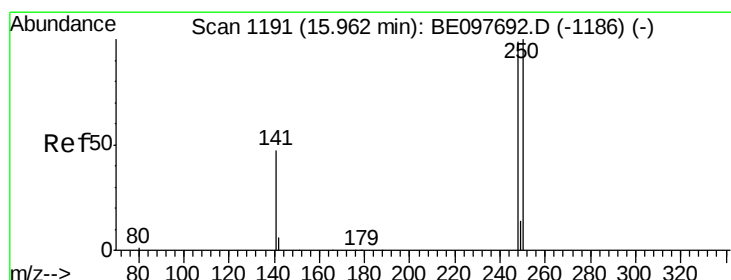
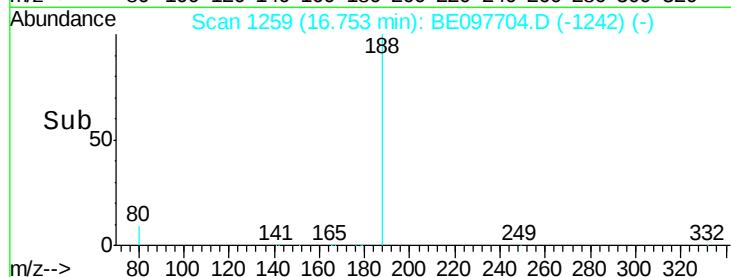
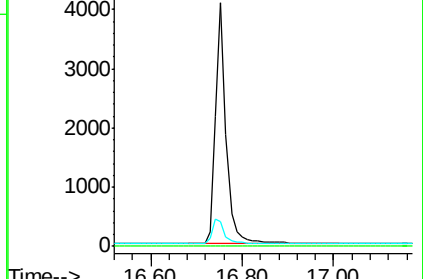
80 10.1 3.6 5.4#



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: 0.372 ng

RT: 15.96 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

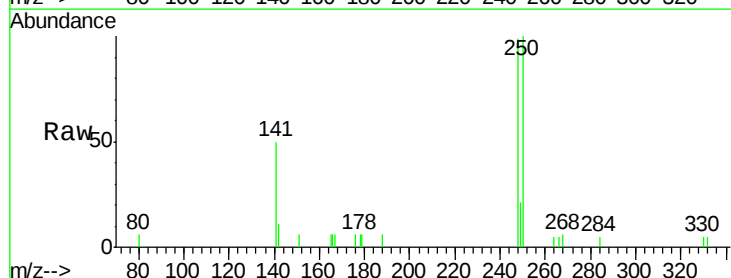
Tgt Ion:248 Resp: 1254

Ion Ratio Lower Upper

248 100

250 101.2 62.7 94.1#

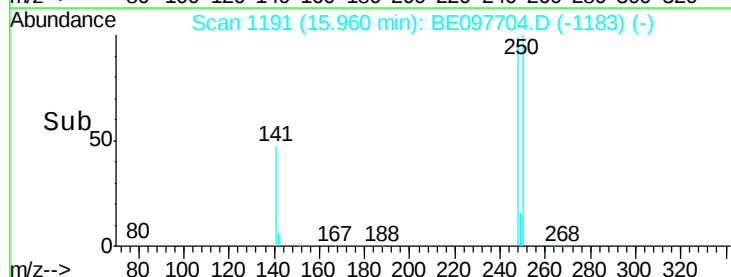
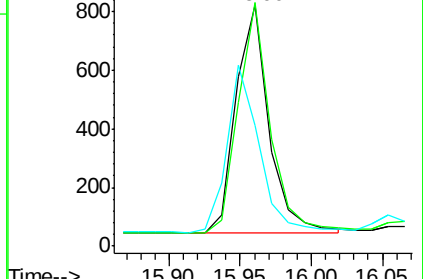
141 50.4 48.2 72.2

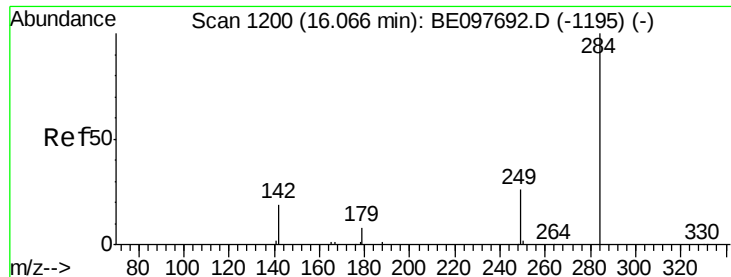


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.378 ng

RT: 16.07 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

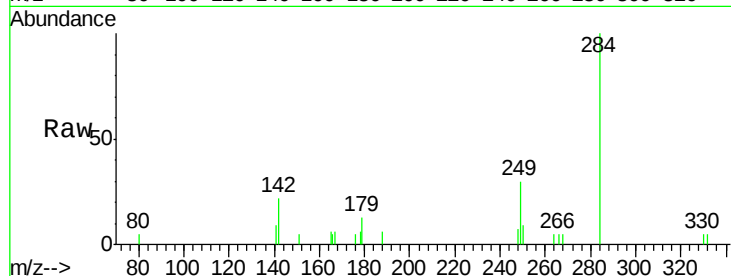
Tgt Ion:284 Resp: 1431

Ion Ratio Lower Upper

284 100

142 33.5 22.1 33.1#

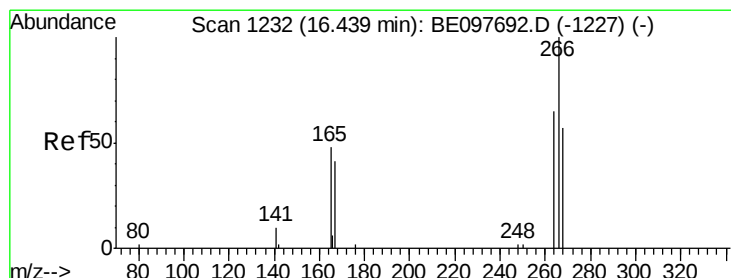
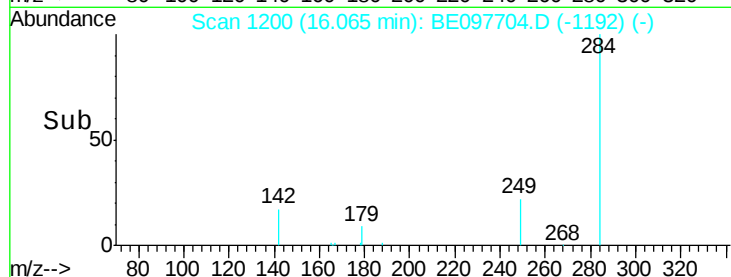
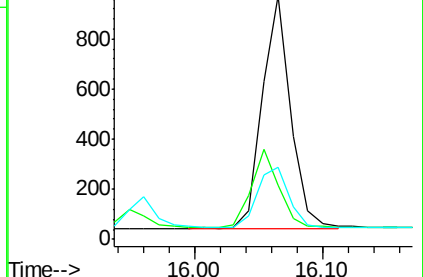
249 28.7 34.8 52.2#



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



#22

Pentachlorophenol

Concen: 0.340 ng

RT: 16.44 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

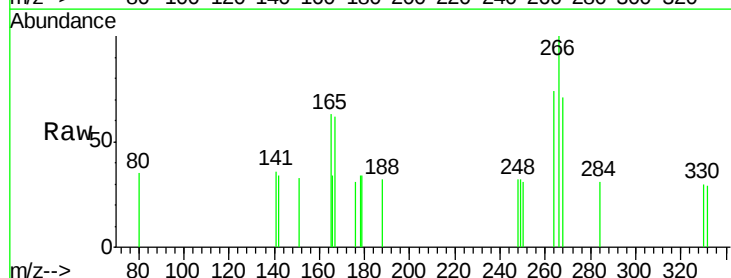
Tgt Ion:266 Resp: 296

Ion Ratio Lower Upper

266 100

264 74.0 72.5 108.7

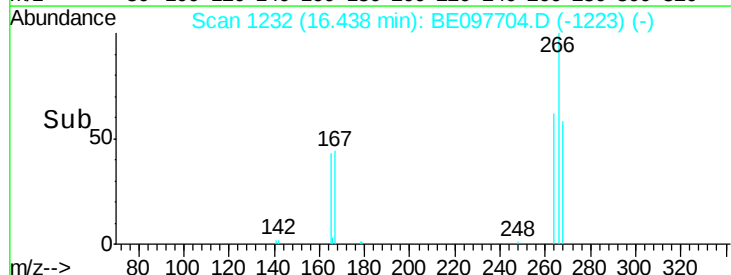
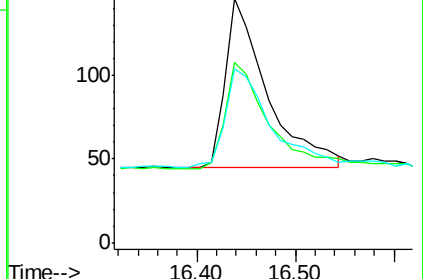
268 71.2 73.8 110.6#

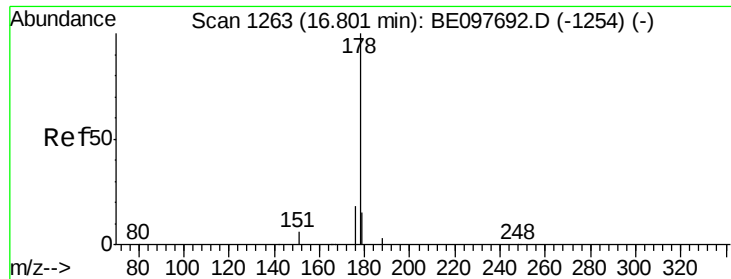


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

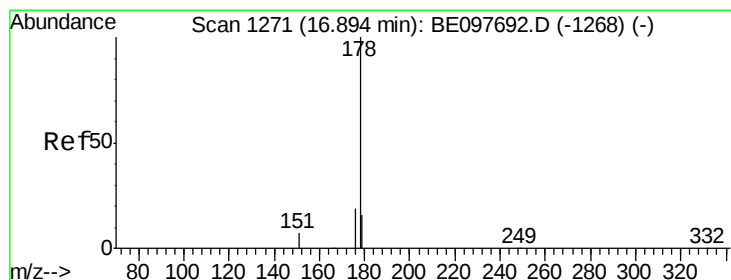
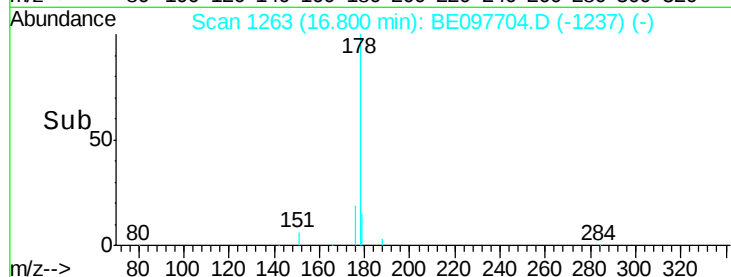
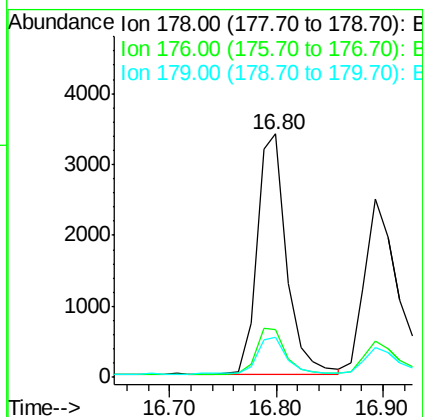
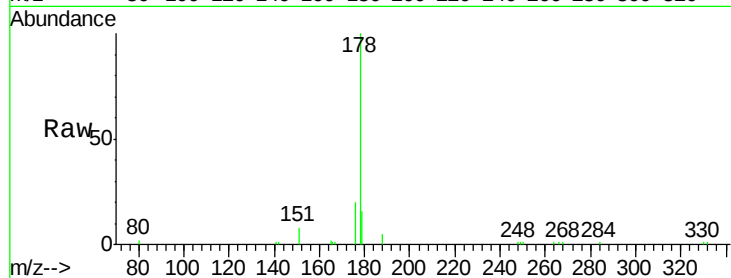




#23
Phenanthrene
Concen: 0.380 ng
RT: 16.80 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE097704.D
Acq: 28 Sep 2018 15:01

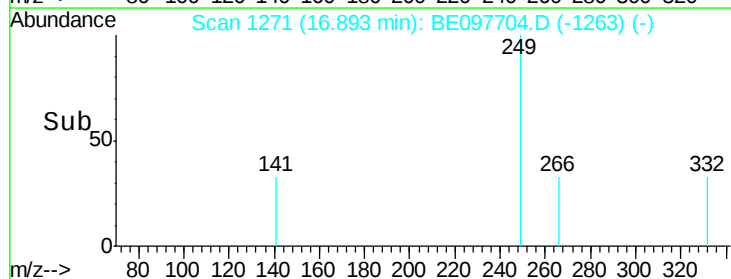
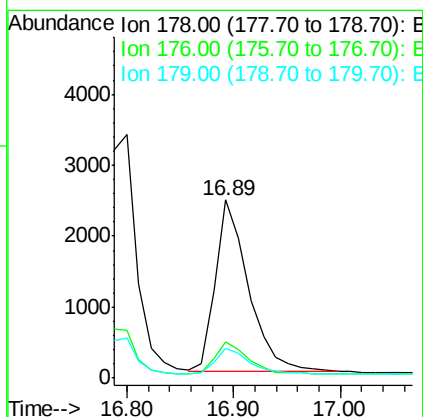
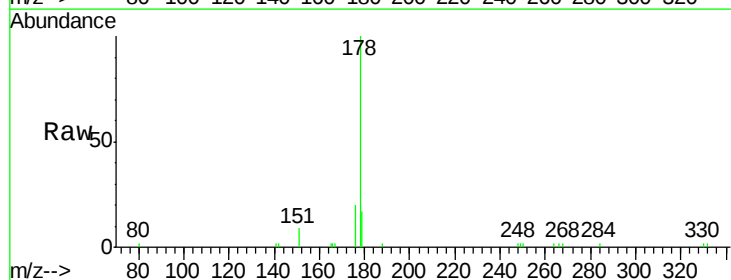
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

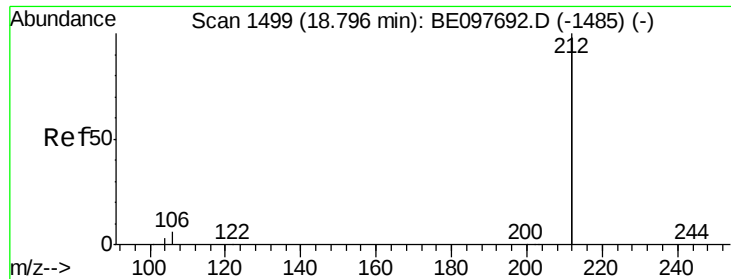
Tgt Ion:178 Resp: 6496
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.2 11.8 17.6



#24
Anthracene
Concen: 0.366 ng
RT: 16.89 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BE097704.D
Acq: 28 Sep 2018 15:01

Tgt Ion:178 Resp: 5148
Ion Ratio Lower Upper
178 100
176 18.8 12.8 19.2
179 15.2 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.372 ng

RT: 18.80 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

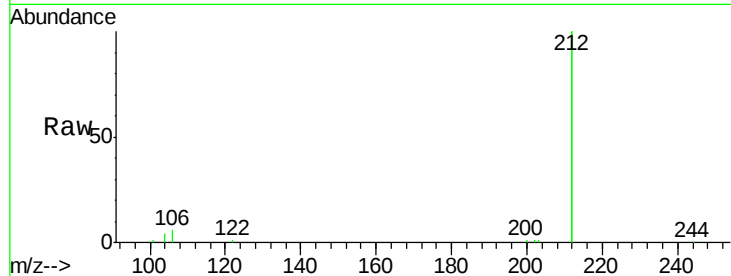
Tgt Ion:212 Resp: 29825

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

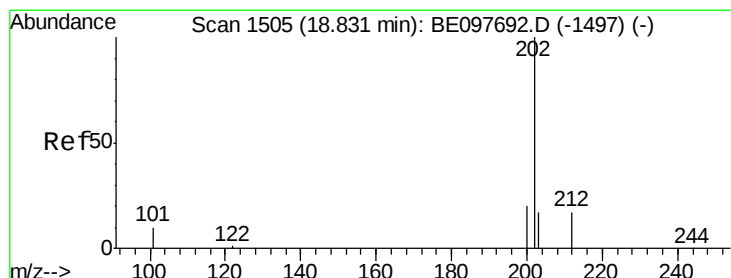
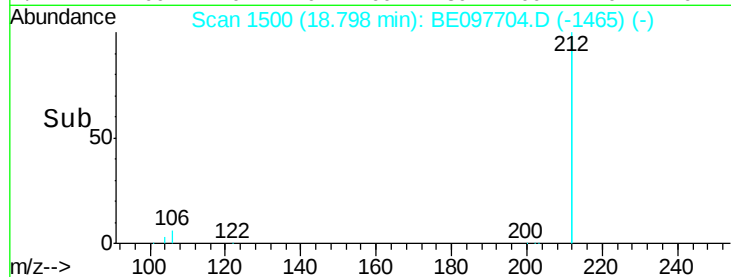
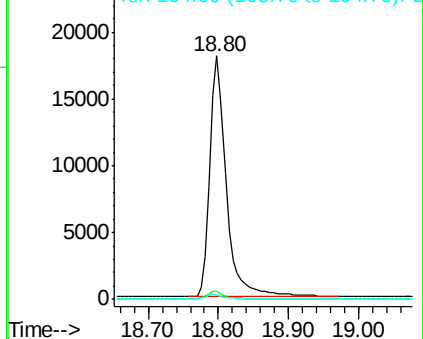
104 1.7 1.6 2.4



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: 0.373 ng

RT: 18.83 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

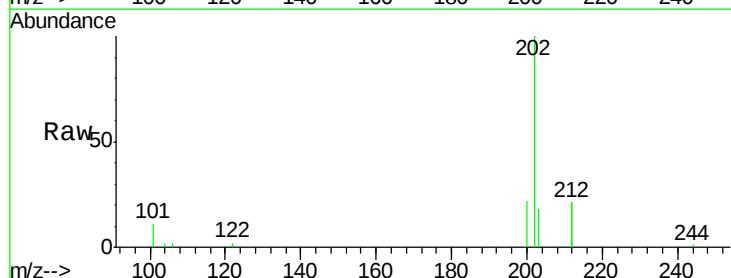
Tgt Ion:202 Resp: 7909

Ion Ratio Lower Upper

202 100

101 10.9 9.8 14.8

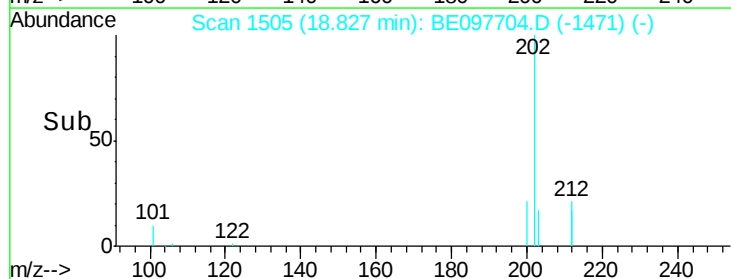
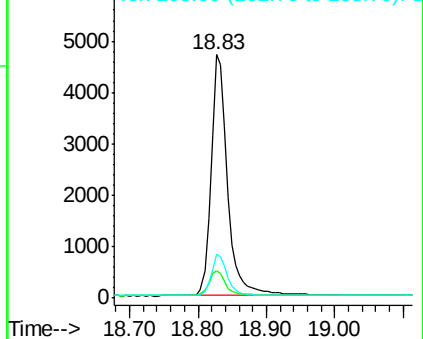
203 17.3 13.7 20.5

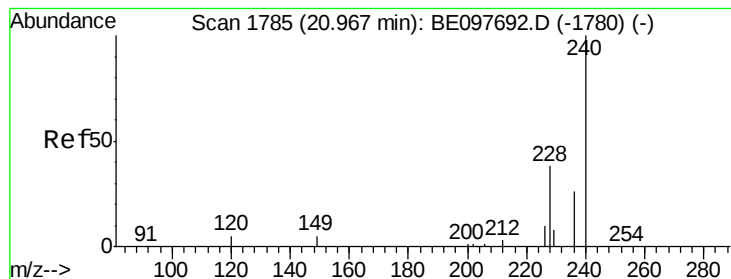


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

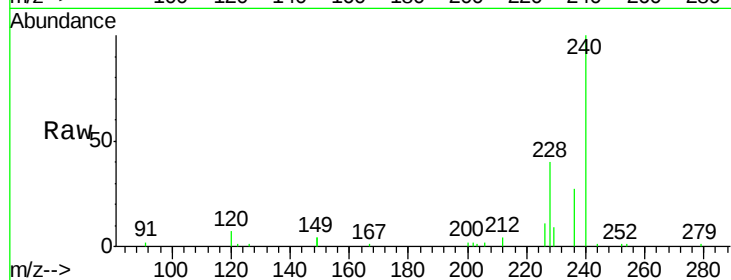
Tgt Ion:240 Resp: 7778

Ion Ratio Lower Upper

240 100

120 6.7 5.5 8.3

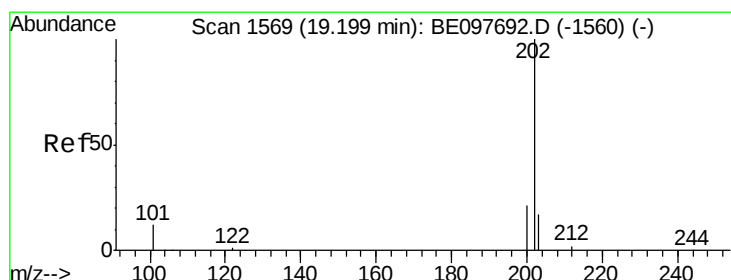
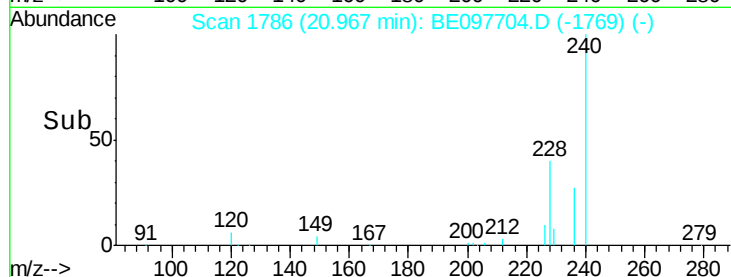
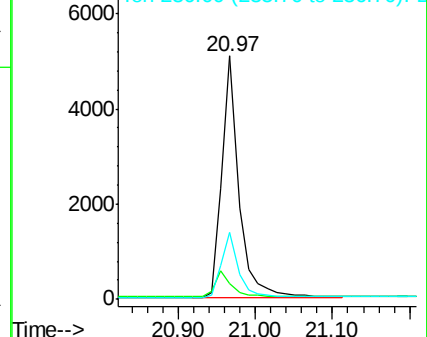
236 27.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.397 ng

RT: 19.20 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

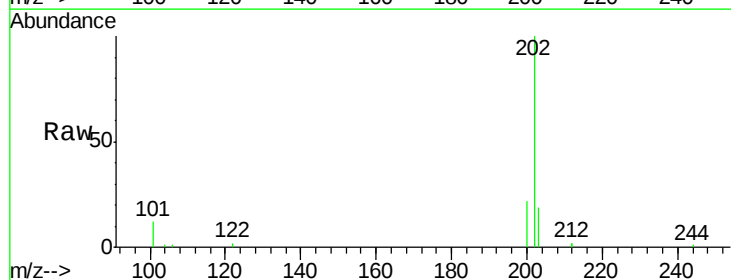
Tgt Ion:202 Resp: 8026

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

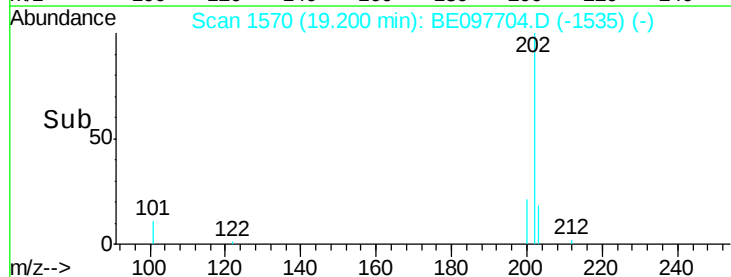
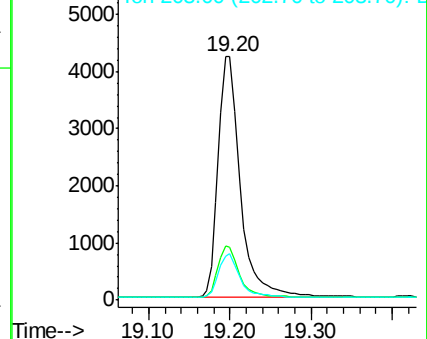
203 17.6 13.8 20.8

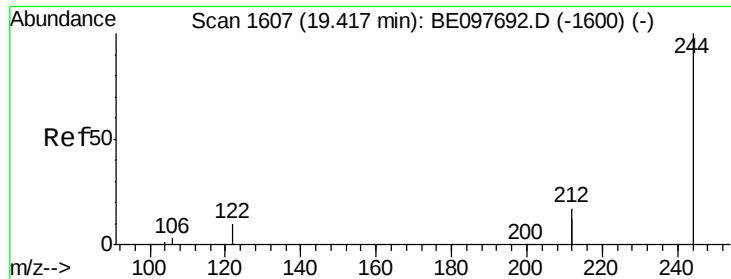


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.42 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

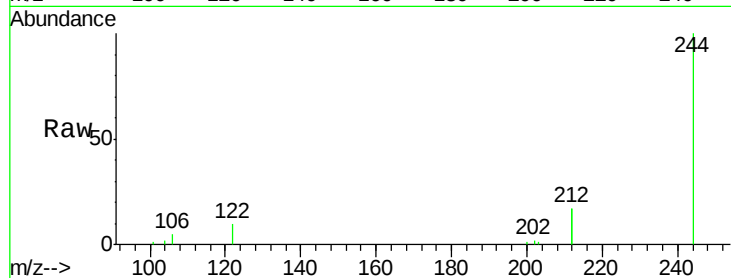
Tgt Ion:244 Resp: 6459

Ion Ratio Lower Upper

244 100

212 33.2 25.4 38.0

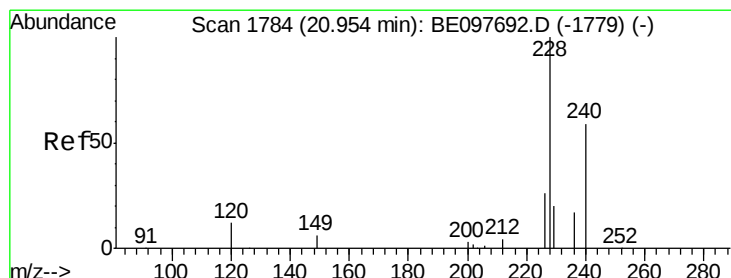
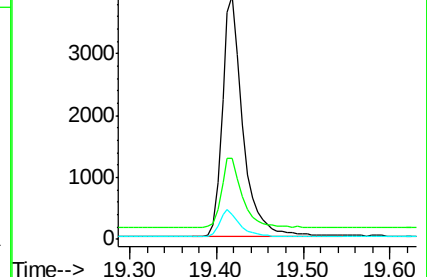
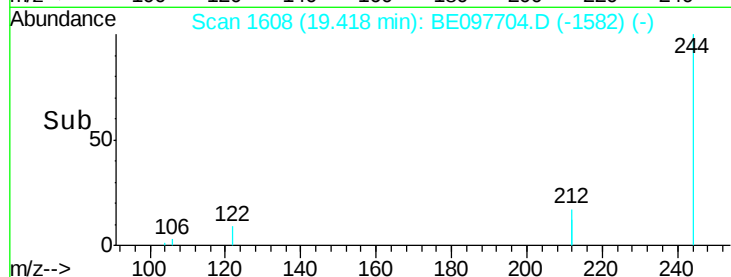
122 10.3 8.1 12.1



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: 0.371 ng

RT: 20.95 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

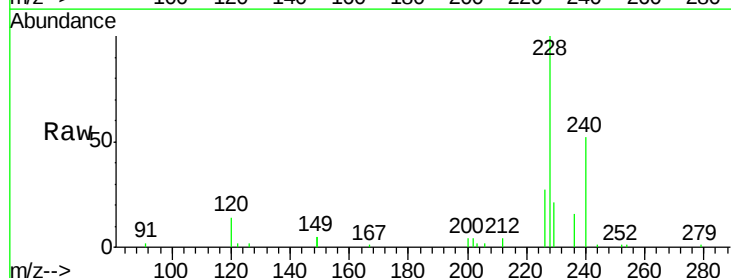
Tgt Ion:228 Resp: 7147

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

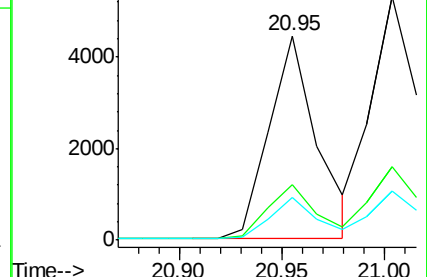
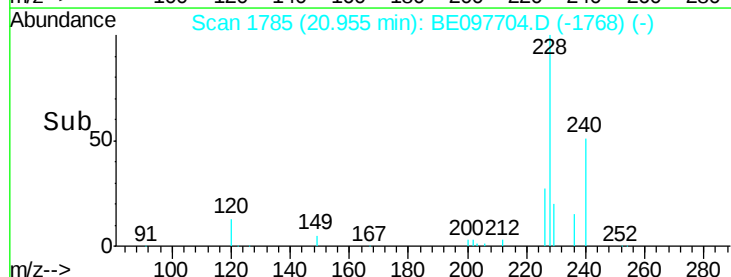
229 20.9 16.0 24.0

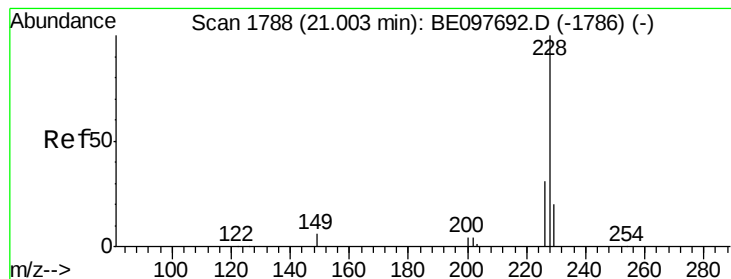


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.386 ng

RT: 21.00 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

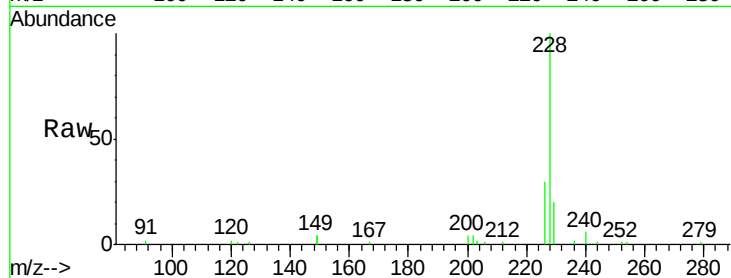
Tgt Ion:228 Resp: 9295

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

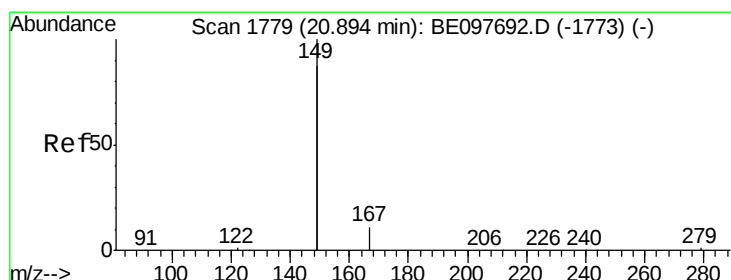
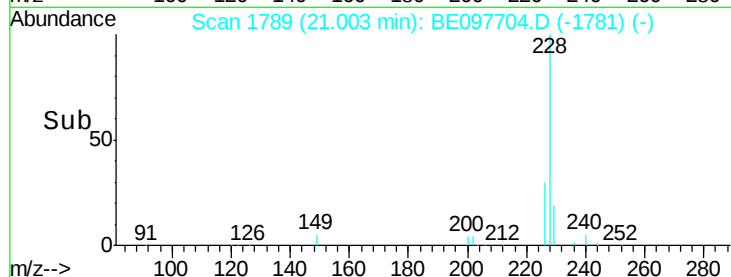
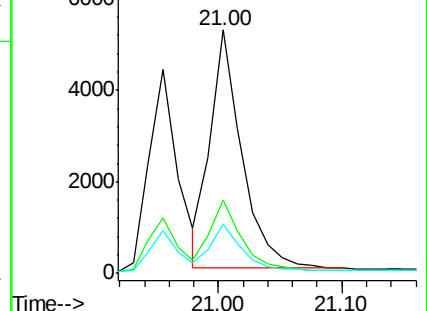
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.333 ng

RT: 20.89 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

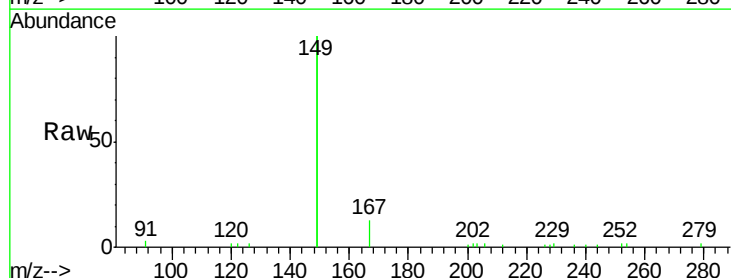
Tgt Ion:149 Resp: 7909

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

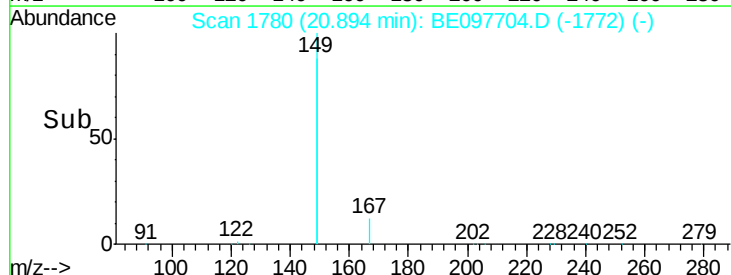
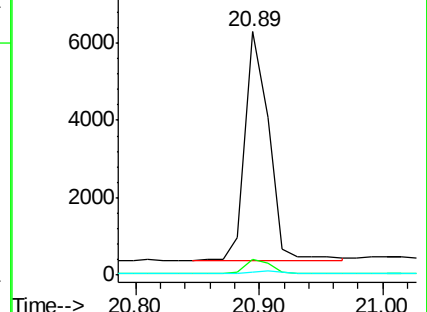
279 1.0 0.7 1.1

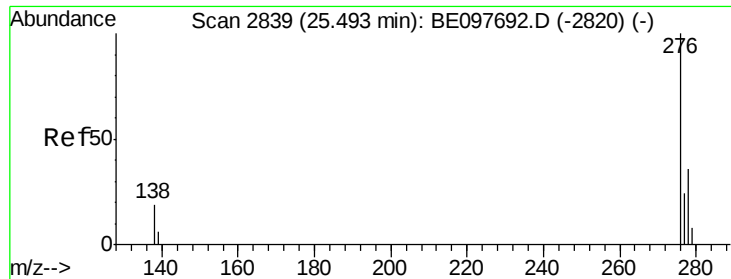


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.418 ng

RT: 25.50 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

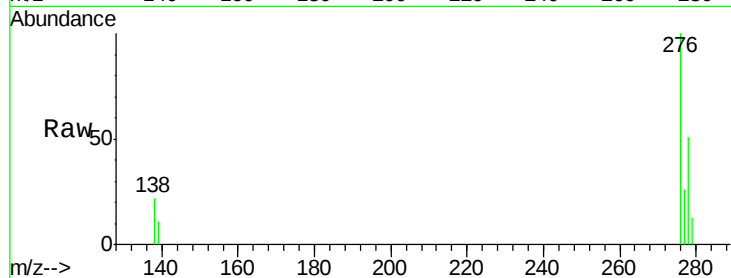
Tgt Ion:276 Resp: 10624

Ion Ratio Lower Upper

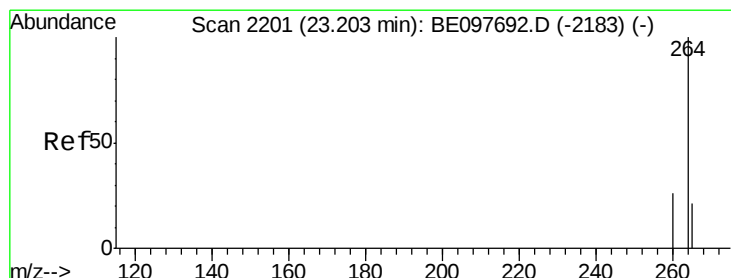
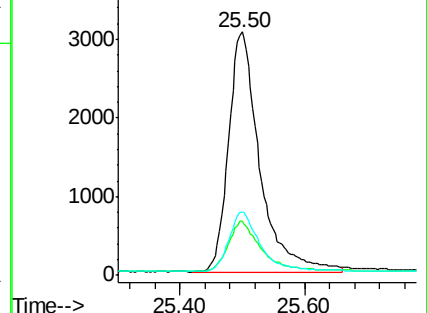
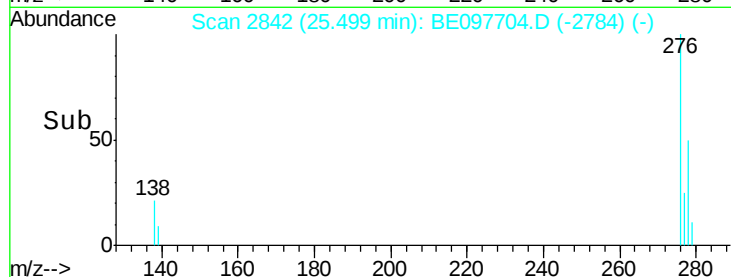
276 100

138 21.9 22.5 33.7#

277 24.9 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: BE097704.D

Acq: 28 Sep 2018 15:01

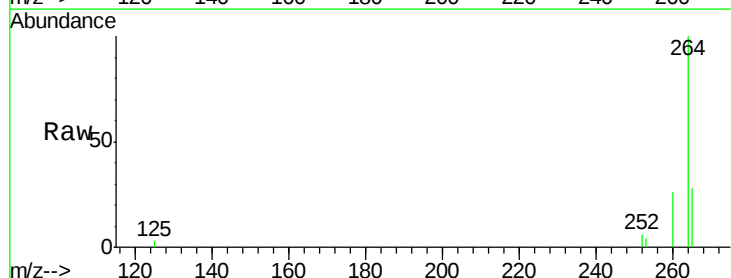
Tgt Ion:264 Resp: 7695

Ion Ratio Lower Upper

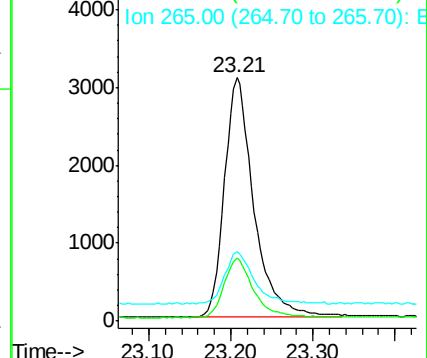
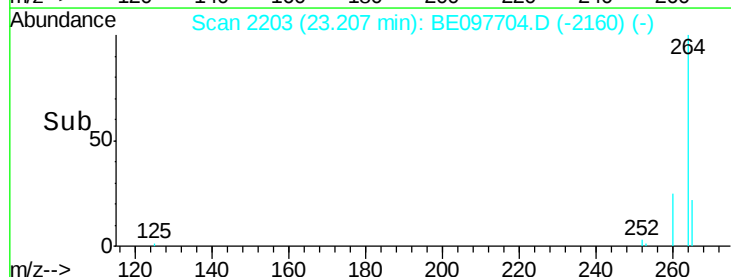
264 100

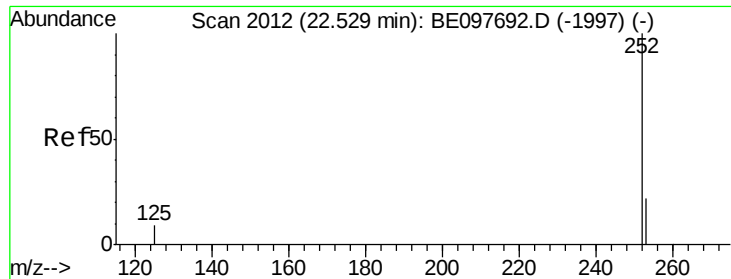
260 26.1 20.5 30.7

265 28.3 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: 0.346 ng

RT: 22.53 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

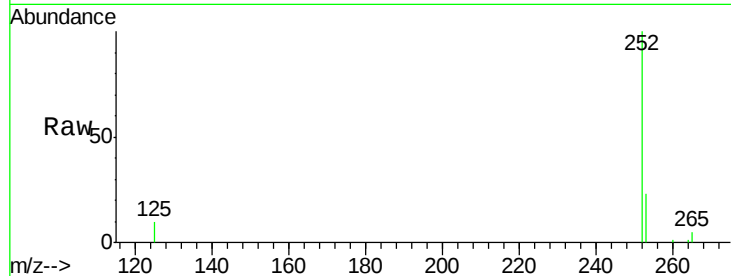
Tgt Ion:252 Resp: 7703

Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

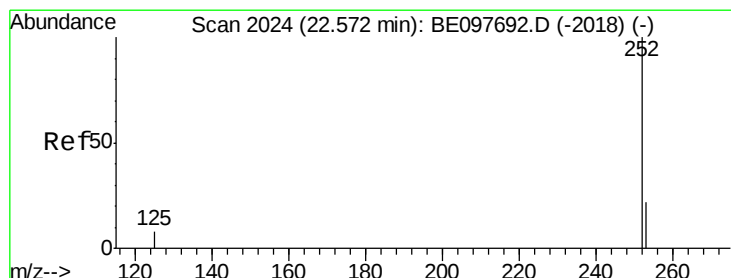
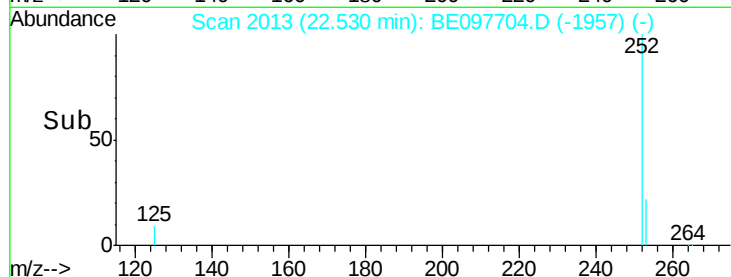
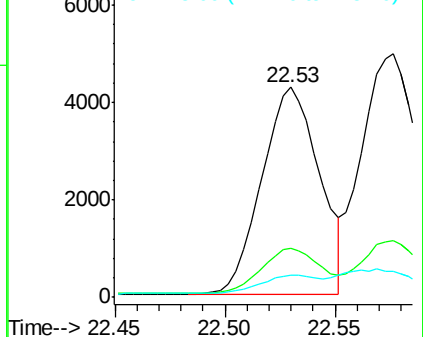
125 10.5 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.391 ng

RT: 22.58 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

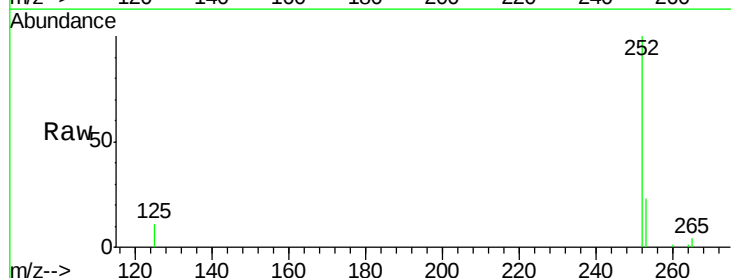
Tgt Ion:252 Resp: 10043

Ion Ratio Lower Upper

252 100

253 23.3 16.0 24.0

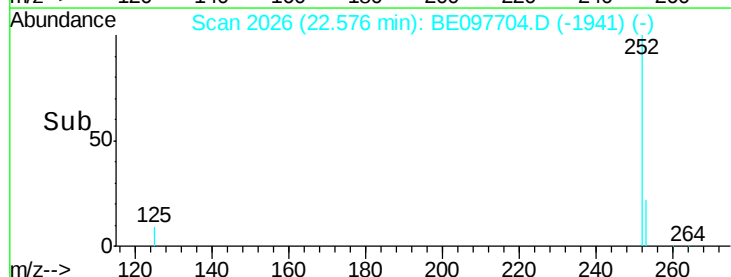
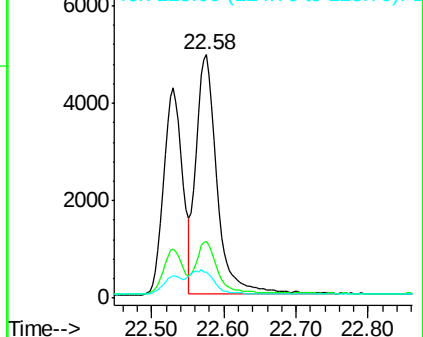
125 10.5 8.0 12.0

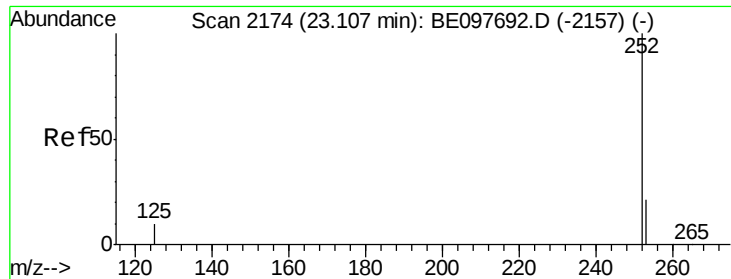


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.368 ng

RT: 23.11 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

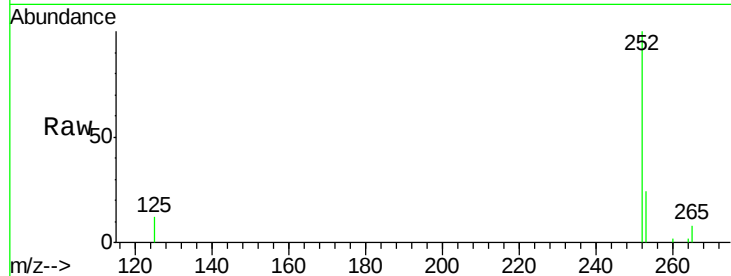
Tgt Ion:252 Resp: 7844

Ion Ratio Lower Upper

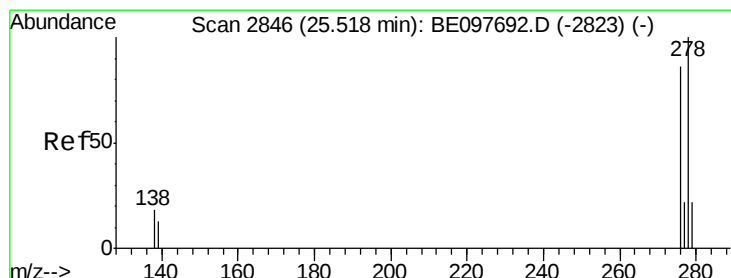
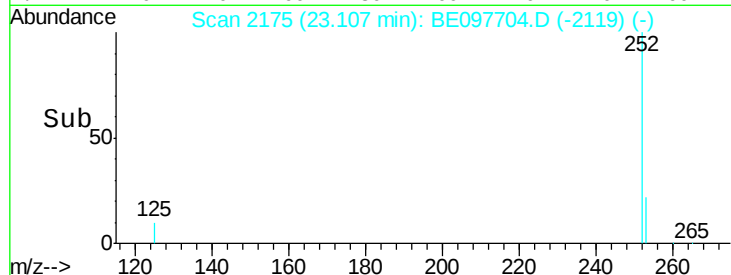
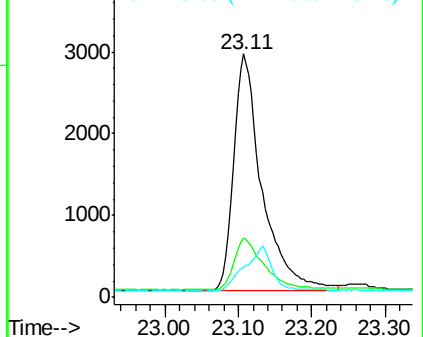
252 100

253 24.1 16.0 24.0#

125 12.3 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.379 ng

RT: 25.52 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BE097704.D

Acq: 28 Sep 2018 15:01

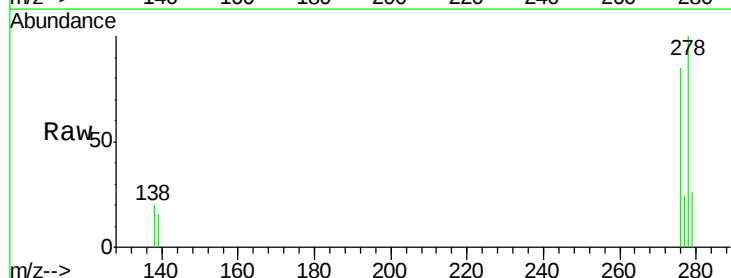
Tgt Ion:278 Resp: 8777

Ion Ratio Lower Upper

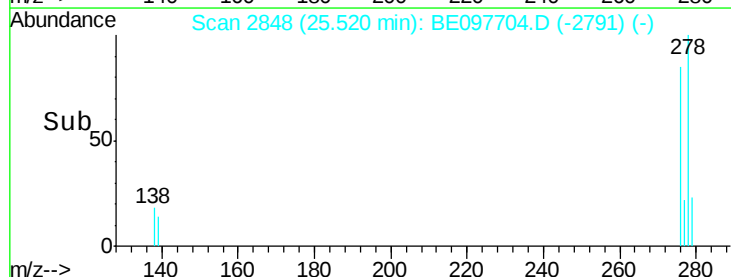
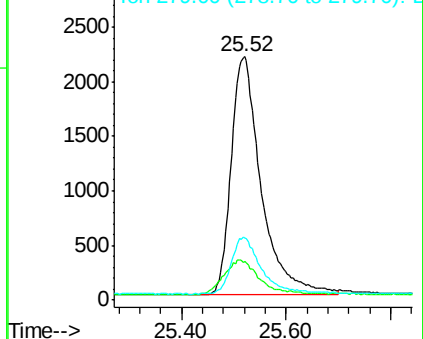
278 100

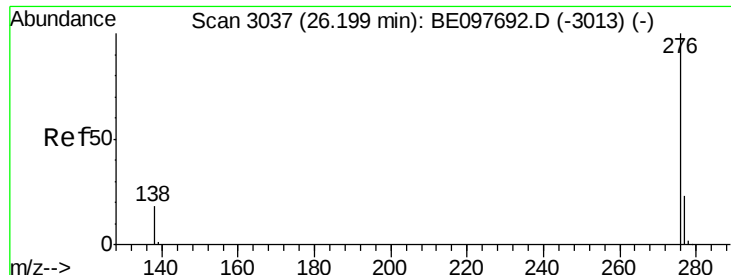
139 16.1 16.0 24.0

279 25.5 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.360 ng

RT: 26.21 min Scan# 3041

Delta R.T. 0.01 min

Lab File: BE097704.D

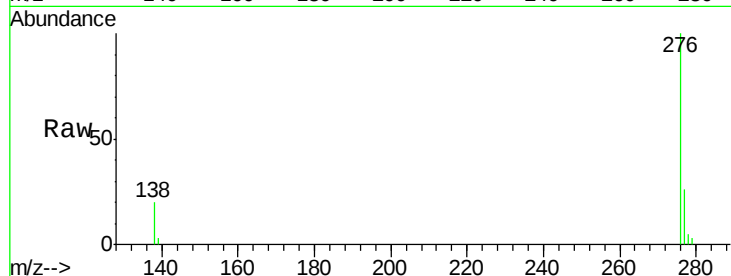
Acq: 28 Sep 2018 15:01

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



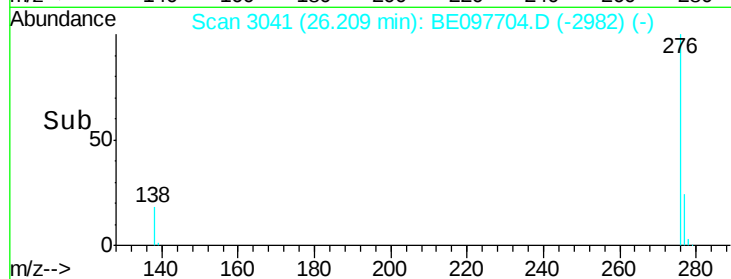
Tgt Ion: 276 Resp: 8449

Ion Ratio Lower Upper

276 100

277 25.7 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

