

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE100418\
 Data File : BE097724.D
 Acq On : 4 Oct 2018 13:16
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Oct 05 06:50:04 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 12:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	3051	0.40	ng	0.01
7) Naphthalene-d8	10.71	136	13034	0.40	ng	0.01
13) Acenaphthene-d10	14.57	164	7523	0.40	ng	0.01
19) Phenanthrene-d10	17.30	188	20644	0.40	ng	0.00
27) Chrysene-d12	21.49	240	26211	0.40	ng	0.00
34) Perylene-d12	24.05	264	23046	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.48	112	2991	0.41	ng	0.01
5) Phenol-d6	7.06	99	4313	0.39	ng	0.01
8) Nitrobenzene-d5	9.06	82	2167	0.51	ng	0.01
11) 2-Methylnaphthalene-d10	12.31	152	7868	0.38	ng	0.01
14) 2,4,6-Tribromophenol	16.04	330	579	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.19	172	12088	0.36	ng	0.00
25) Fluoranthene-d10	19.34	212	97606	0.37	ng	0.00
29) Terphenyl-d14	19.94	244	20971	0.39	ng	0.00

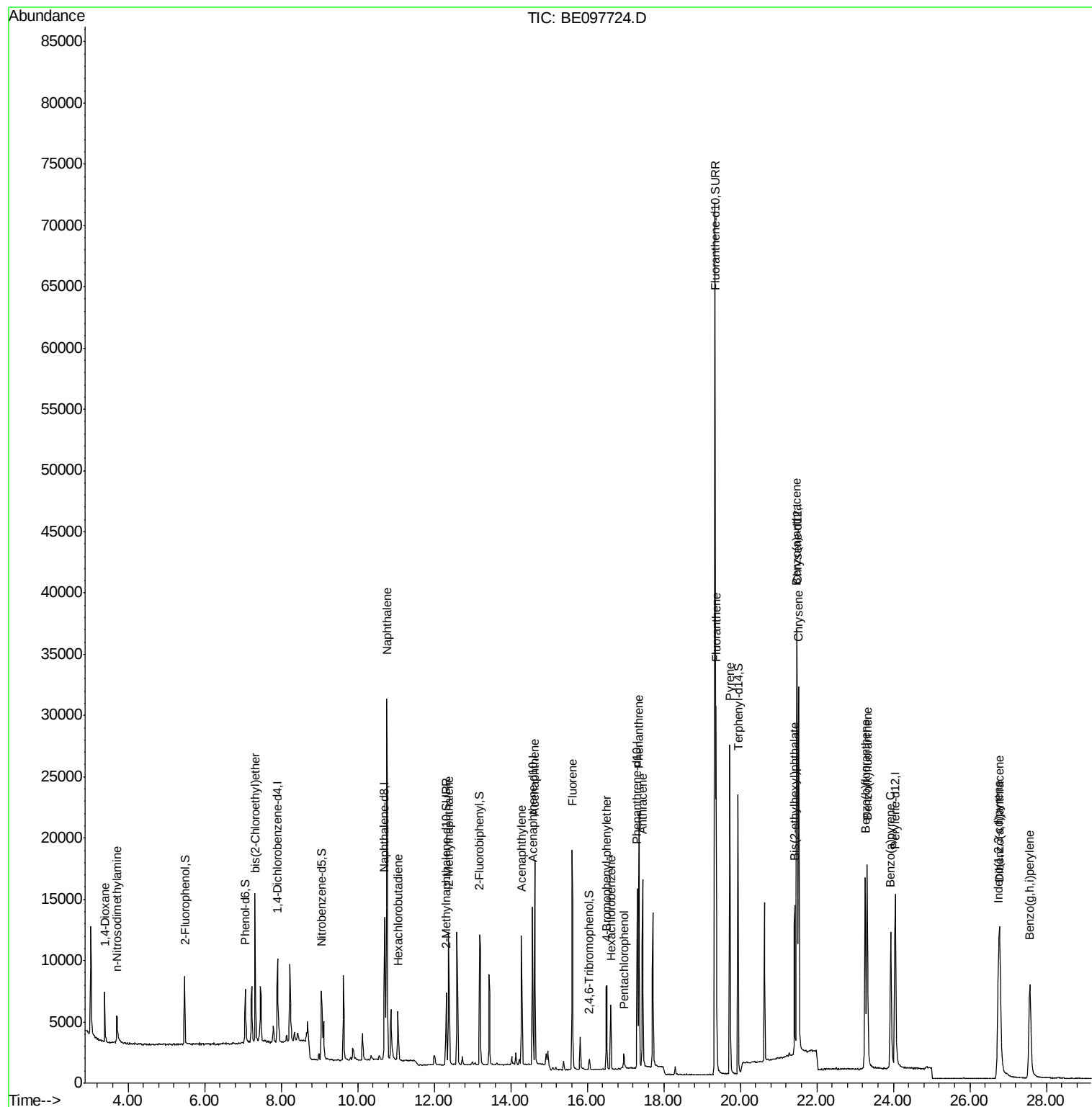
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	2386	0.392	ng	97
3) n-Nitrosodimethylamine	3.70	42	2054	0.371	ng	# 86
6) bis(2-Chloroethyl)ether	7.33	93	4483	0.392	ng	97
9) Naphthalene	10.76	128	49808	0.379	ng	100
10) Hexachlorobutadiene	11.06	225	2682	0.385	ng	96
12) 2-Methylnaphthalene	12.38	142	7948	0.378	ng	95
16) Acenaphthylene	14.28	152	11892	0.357	ng	98
17) Acenaphthene	14.63	154	8089	0.379	ng	98
18) Fluorene	15.60	166	10843	0.383	ng	99
20) 4-Bromophenyl-phenylether	16.51	248	4201	0.388	ng	# 91
21) Hexachlorobenzene	16.62	284	4637	0.381	ng	98
22) Pentachlorophenol	16.95	266	780	0.408	ng	90
23) Phenanthrene	17.35	178	21155	0.398	ng	100
24) Anthracene	17.44	178	17167	0.374	ng	99
26) Fluoranthene	19.37	202	25297	0.373	ng	99
28) Pyrene	19.73	202	25919	0.389	ng	99
30) Benzo(a)anthracene	21.47	228	25191	0.357	ng	99
31) Chrysene	21.52	228	31064	0.394	ng	99
32) Bis(2-ethylhexyl)phthalate	21.43	149	17883	0.347	ng	100
33) Indeno(1,2,3-cd)pyrene	26.75	276	24853	0.363	ng	# 91
35) Benzo(b)fluoranthene	23.26	252	23318	0.369	ng	100
36) Benzo(k)fluoranthene	23.32	252	26900	0.384	ng	99
37) Benzo(a)pyrene	23.93	252	20889	0.365	ng	99
38) Dibenzo(a,h)anthracene	26.78	278	20419	0.362	ng	97
39) Benzo(g,h,i)perylene	27.57	276	22145	0.375	ng	97

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

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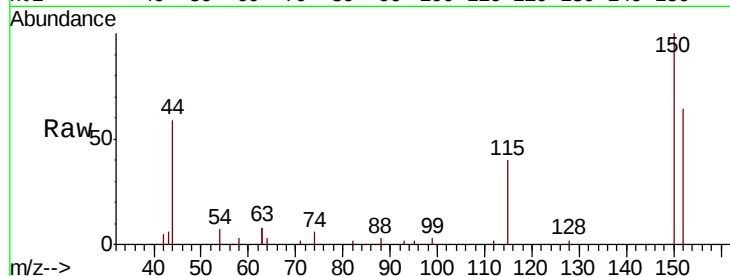


#1

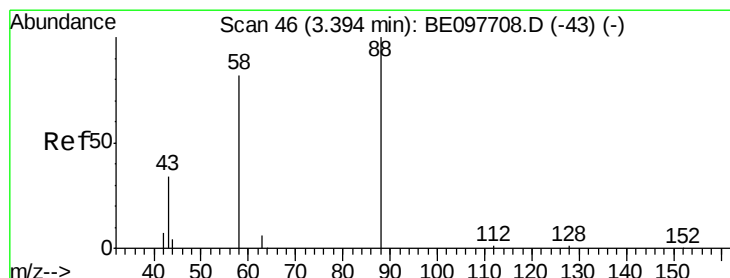
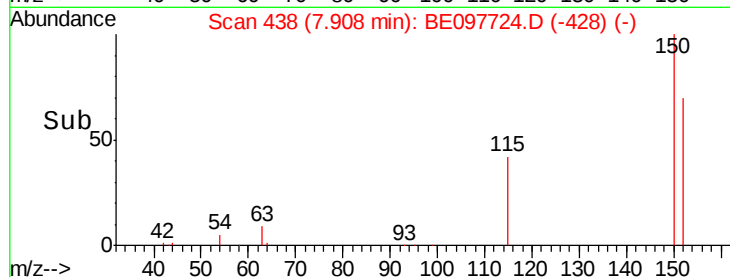
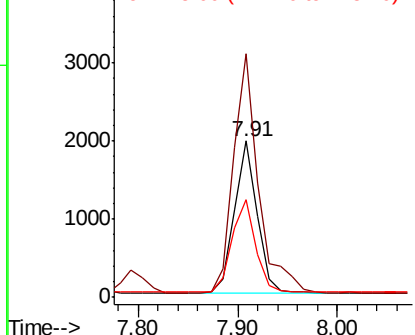
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.91 min Scan# 438
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 3051
Ion Ratio Lower Upper
152 100
150 156.0 120.9 181.3
115 62.3 46.6 69.8



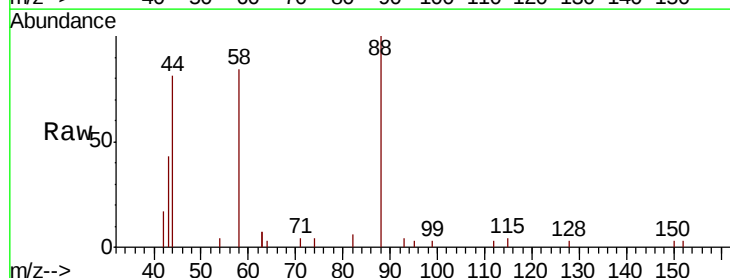
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



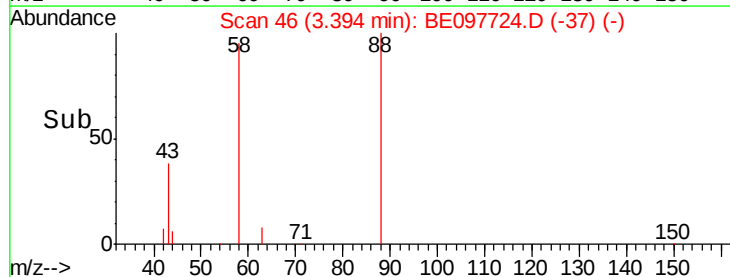
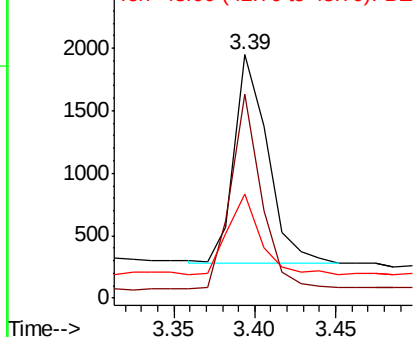
#2

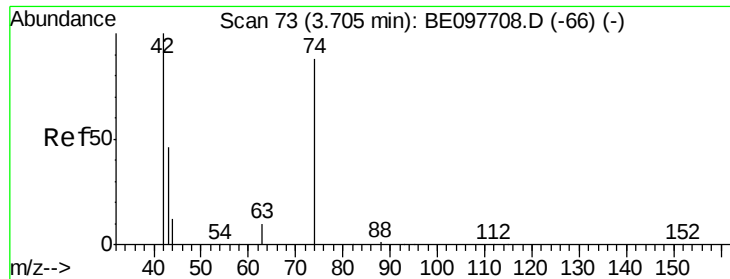
1,4-Dioxane
Concen: 0.392 ng
RT: 3.39 min Scan# 46
Delta R.T. -0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion: 88 Resp: 2386
Ion Ratio Lower Upper
88 100
58 87.3 70.8 106.2
43 38.0 33.3 49.9



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





#3

n-Nitrosodimethylamine

Concen: 0.371 ng

RT: 3.70 min Scan# 73

Delta R.T. -0.00 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

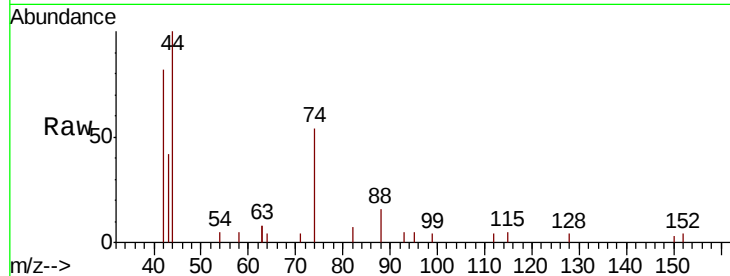
Tgt Ion: 42 Resp: 2054

Ion Ratio Lower Upper

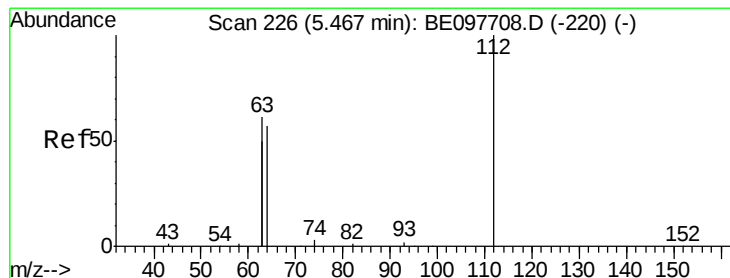
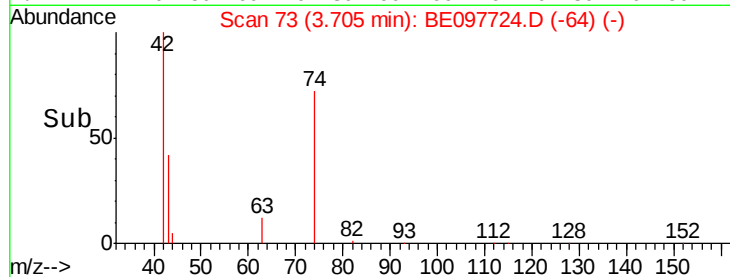
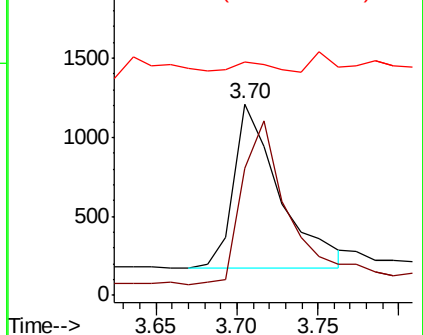
42 100

74 98.1 70.7 106.1

44 4.7 15.0 22.4#



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



#4

2-Fluorophenol

Concen: 0.414 ng

RT: 5.48 min Scan# 227

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

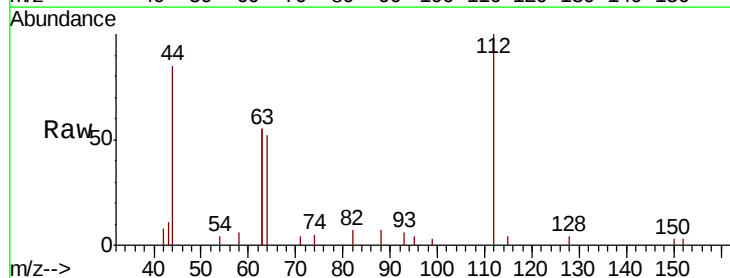
Tgt Ion: 112 Resp: 2991

Ion Ratio Lower Upper

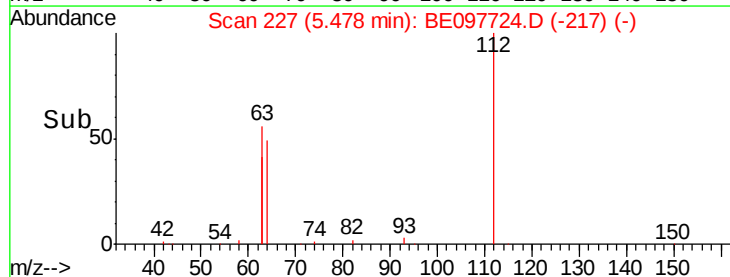
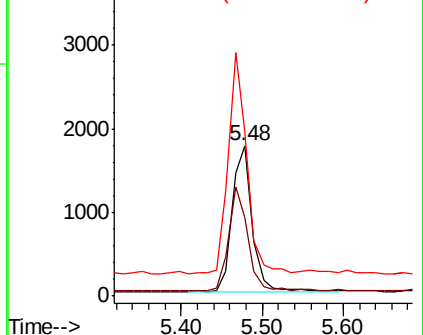
112 100

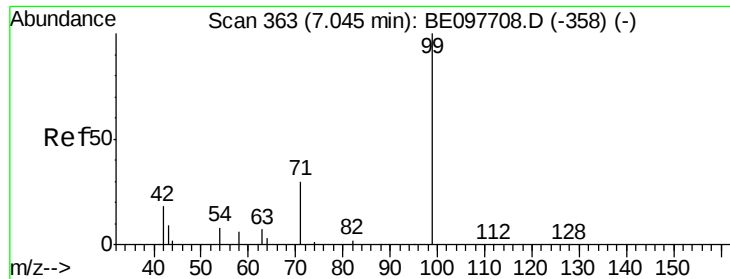
64 66.6 56.6 84.8

63 142.5 119.4 179.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.390 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

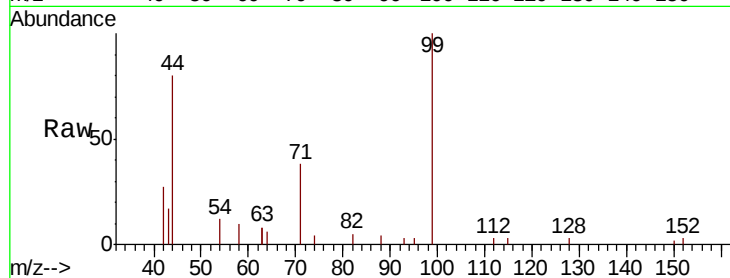
Tgt Ion: 99 Resp: 4313

Ion Ratio Lower Upper

99 100

42 26.3 19.9 29.9

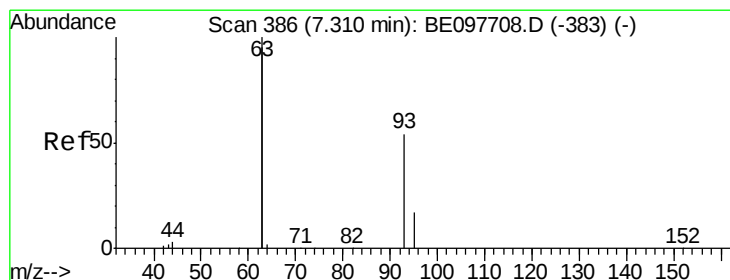
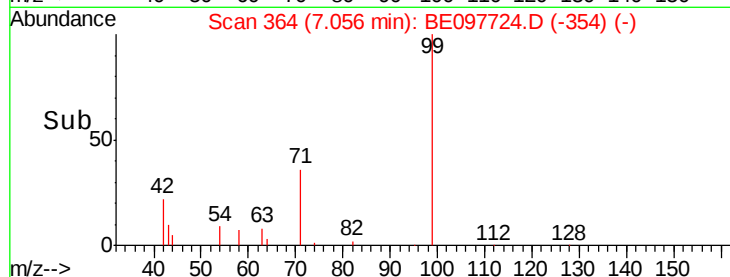
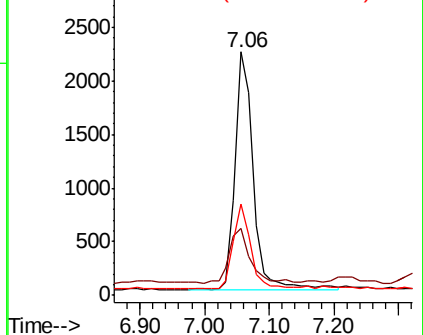
71 33.9 25.4 38.2



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.392 ng

RT: 7.33 min Scan# 388

Delta R.T. 0.02 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

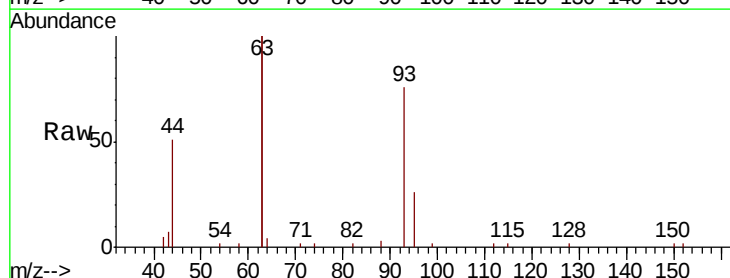
Tgt Ion: 93 Resp: 4483

Ion Ratio Lower Upper

93 100

63 325.8 266.9 400.3

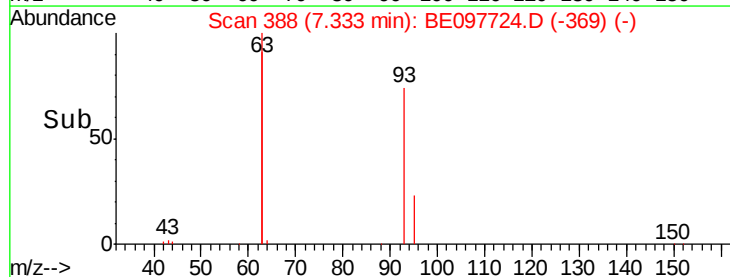
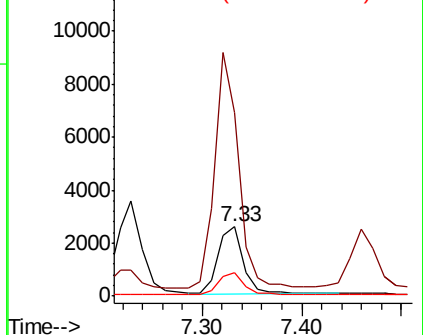
95 32.2 26.2 39.2

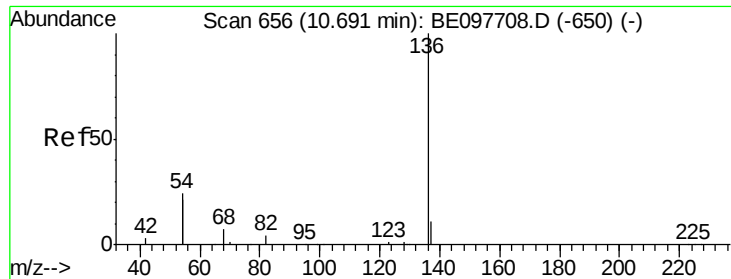


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.71 min Scan# 657

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

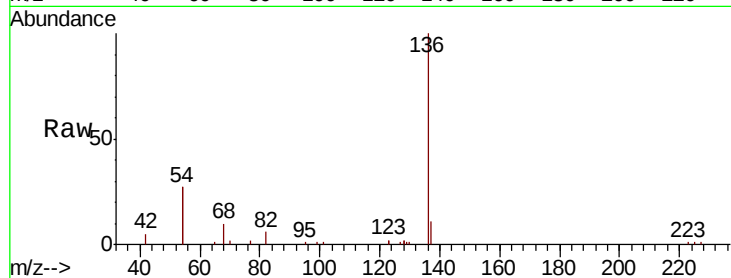
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	136	Resp:	13034
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	54.9	37.8	56.6
68	10.1	6.4	9.6#

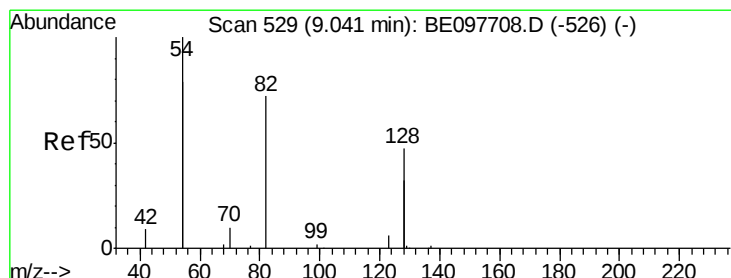
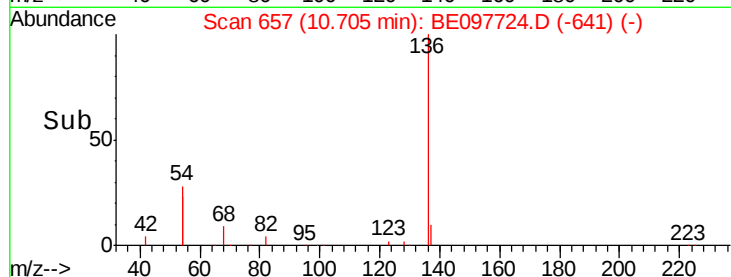
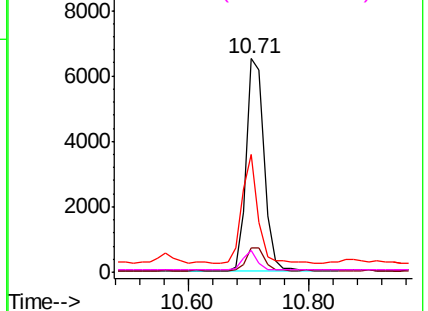


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.512 ng

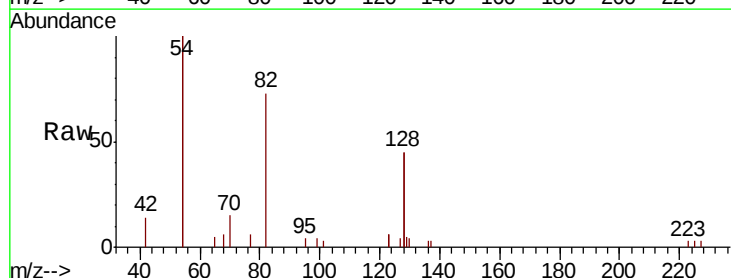
RT: 9.06 min Scan# 530

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

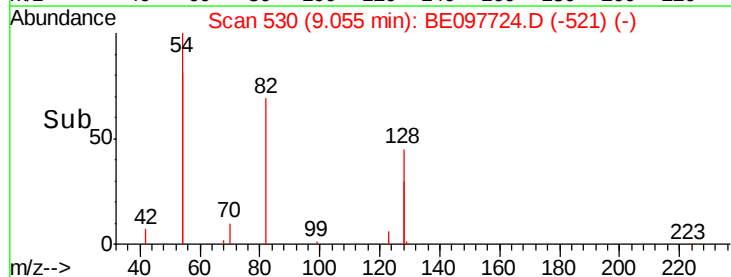
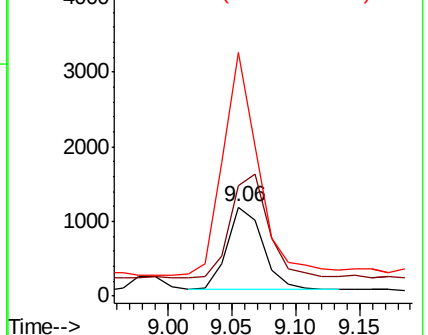
Tgt Ion:	82	Resp:	2167
Ion	Ratio	Lower	Upper
82	100		
128	123.9	97.0	145.4
54	273.7	206.9	310.3

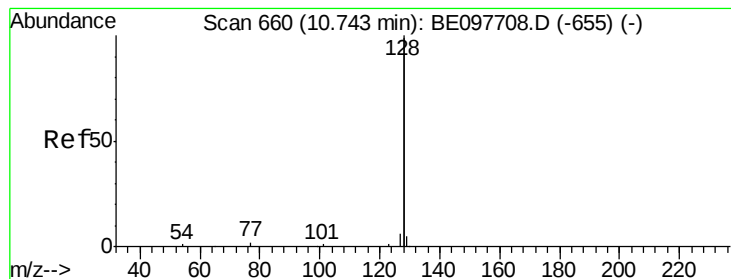


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.379 ng

RT: 10.76 min Scan# 661

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

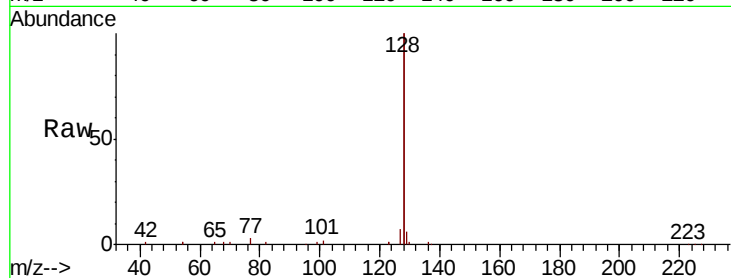
Tgt Ion:128 Resp: 49808

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.2

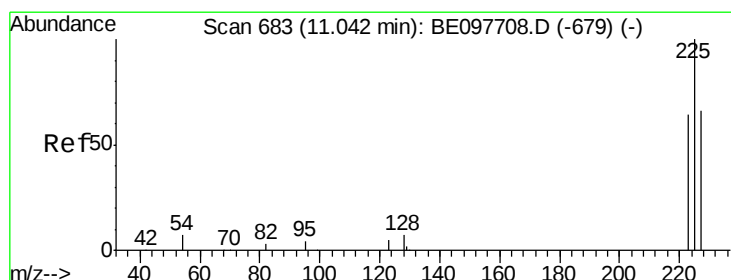
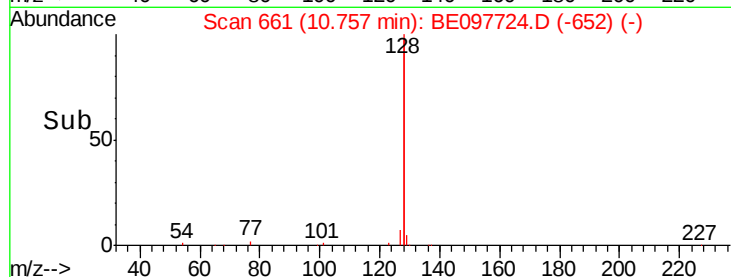
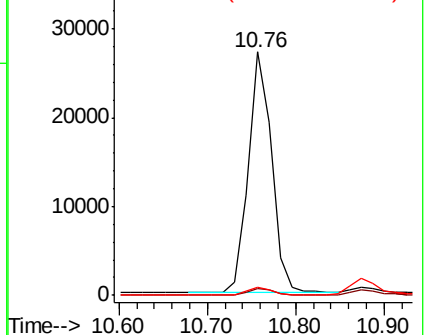
127 3.5 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.385 ng

RT: 11.06 min Scan# 684

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

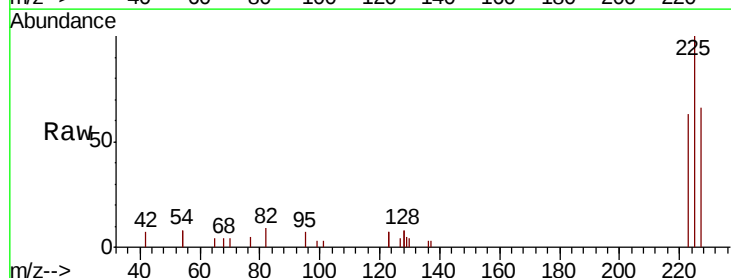
Tgt Ion:225 Resp: 2682

Ion Ratio Lower Upper

225 100

223 61.0 52.2 78.4

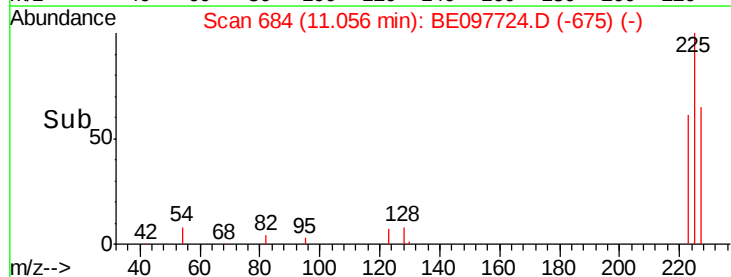
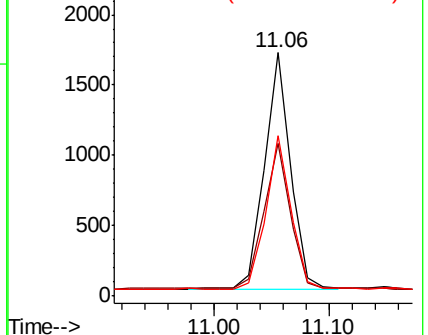
227 62.3 51.2 76.8

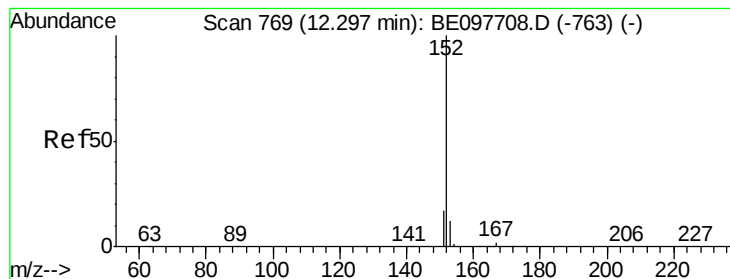


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

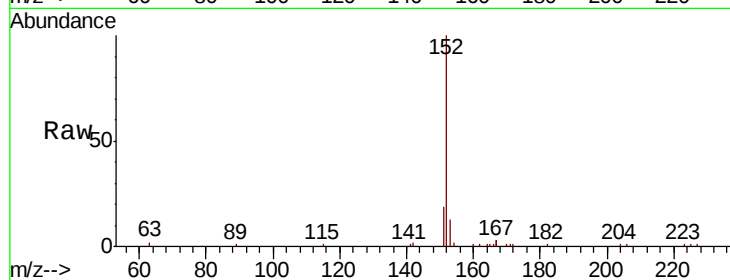
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7868

Ion Ratio Lower Upper

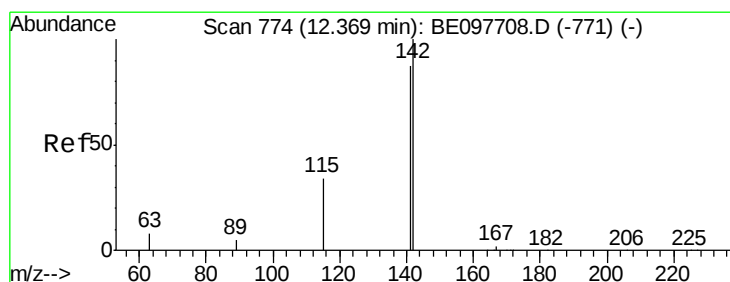
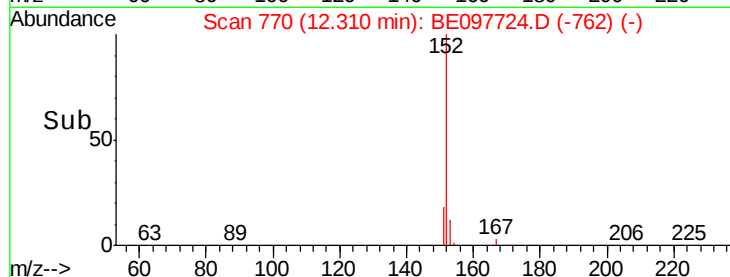
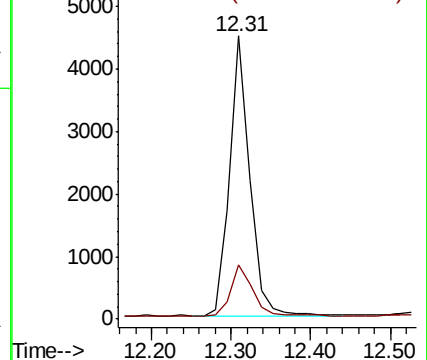
152 100

151 19.9 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.378 ng

RT: 12.38 min Scan# 775

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

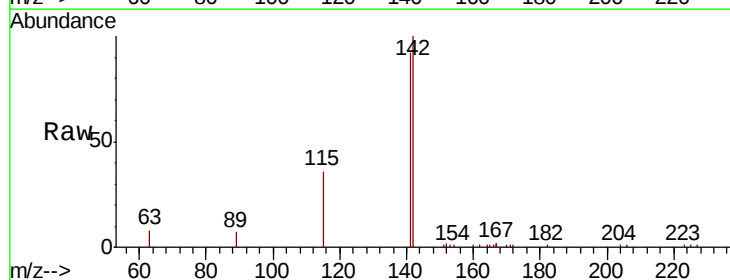
Tgt Ion:142 Resp: 7948

Ion Ratio Lower Upper

142 100

141 92.2 69.4 104.2

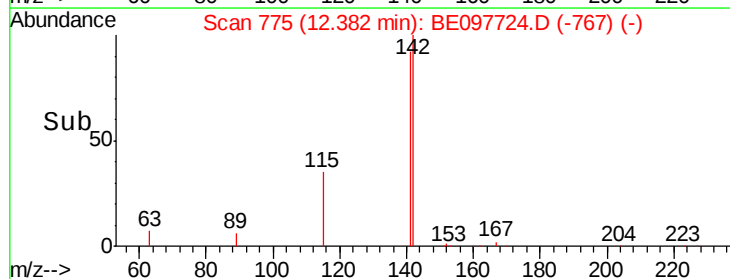
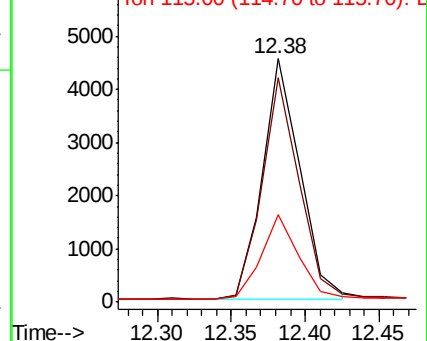
115 35.9 28.0 42.0

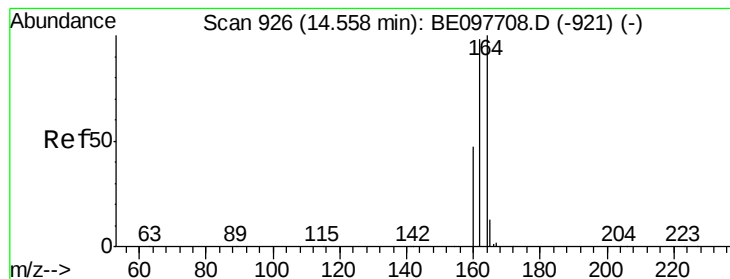


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.57 min Scan# 927

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

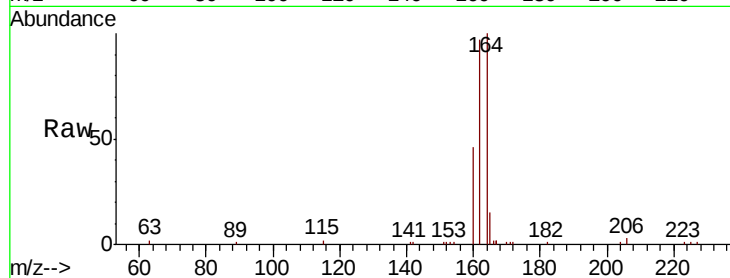
Tgt Ion:164 Resp: 7523

Ion Ratio Lower Upper

164 100

162 96.9 78.6 117.8

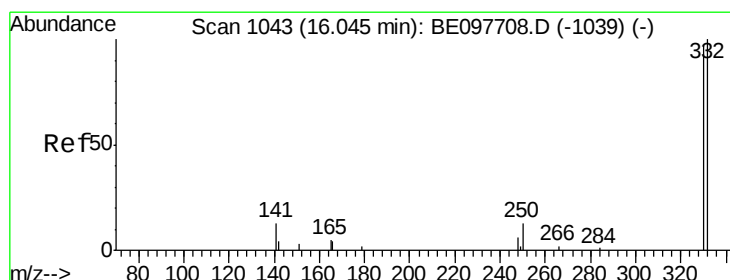
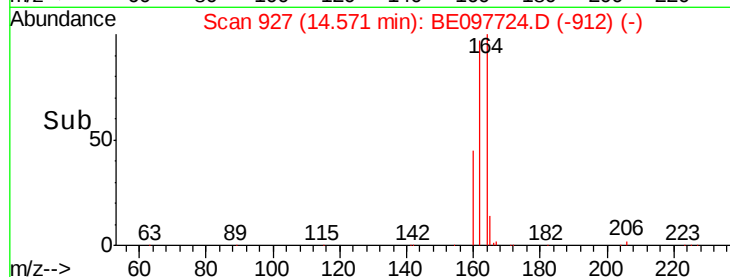
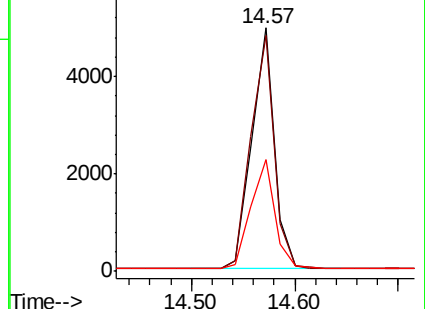
160 46.0 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.425 ng

RT: 16.04 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

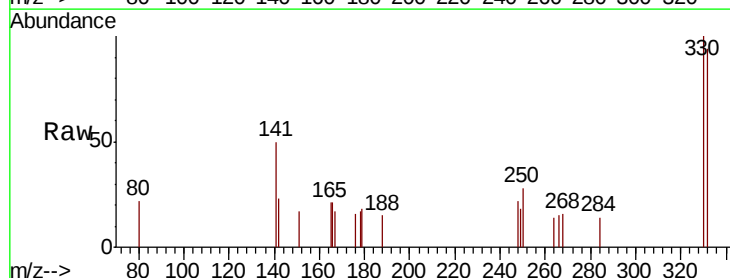
Tgt Ion:330 Resp: 579

Ion Ratio Lower Upper

330 100

332 95.3 83.5 125.3

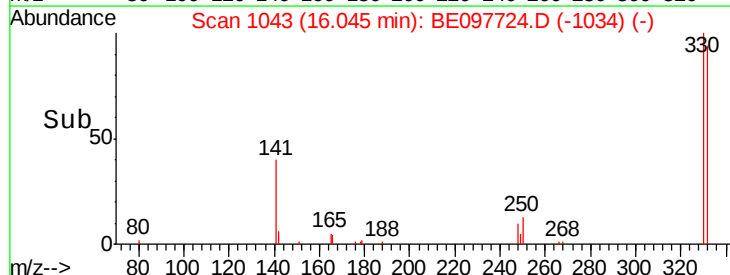
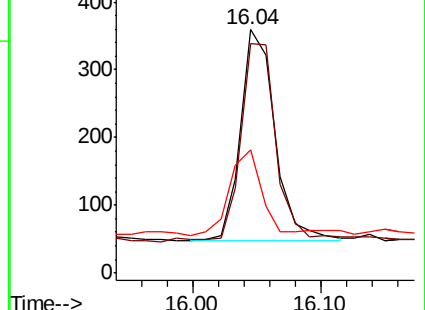
141 38.0 34.9 52.3

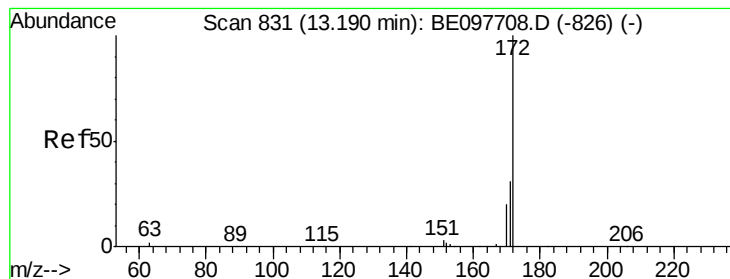


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

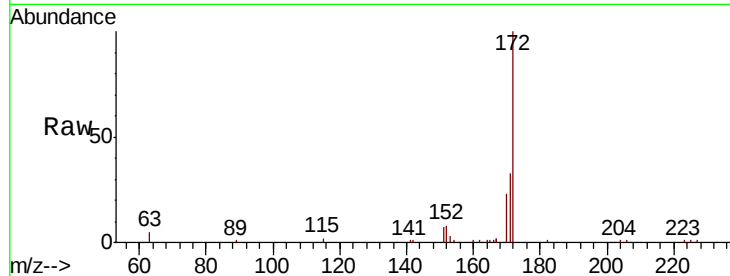




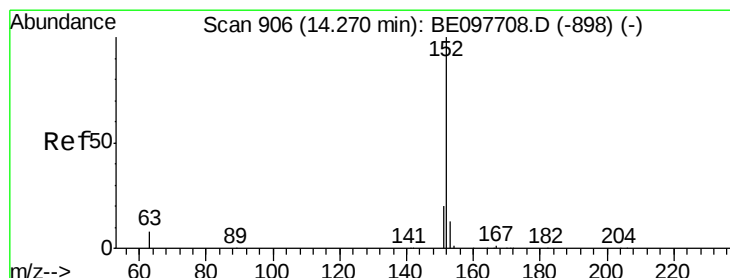
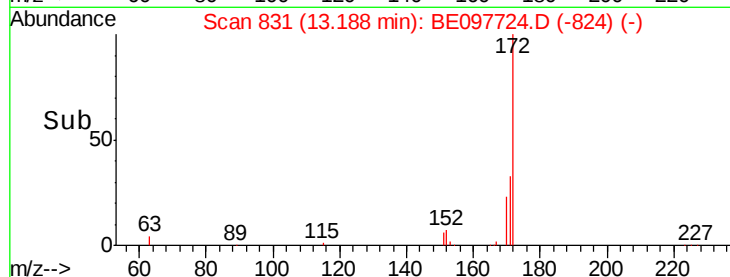
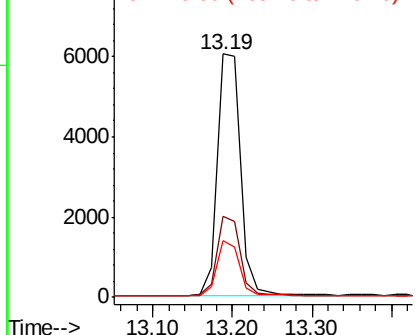
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.19 min Scan# 831
Delta R.T. -0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 12088
Ion Ratio Lower Upper
172 100
171 33.3 25.2 37.8
170 23.3 16.2 24.2

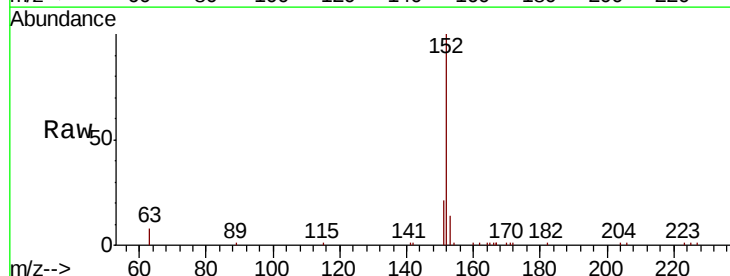


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

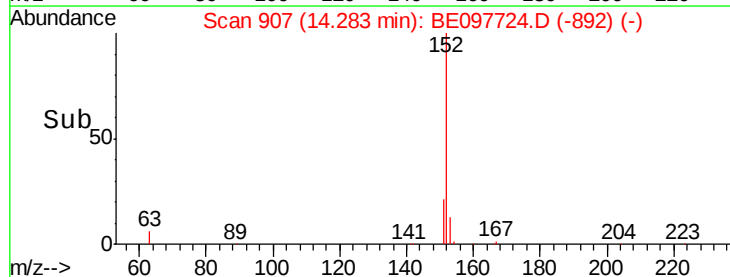
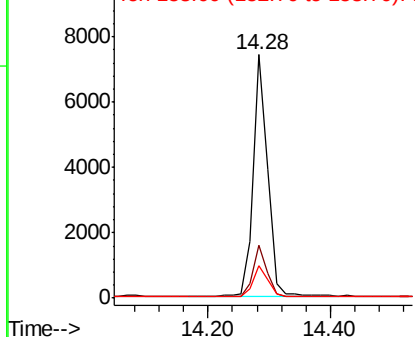


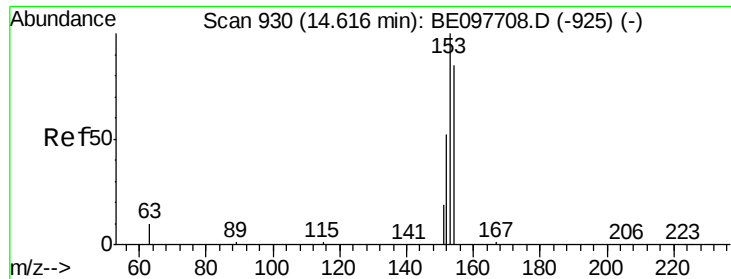
#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.28 min Scan# 907
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:152 Resp: 11892
Ion Ratio Lower Upper
152 100
151 20.2 15.3 22.9
153 12.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

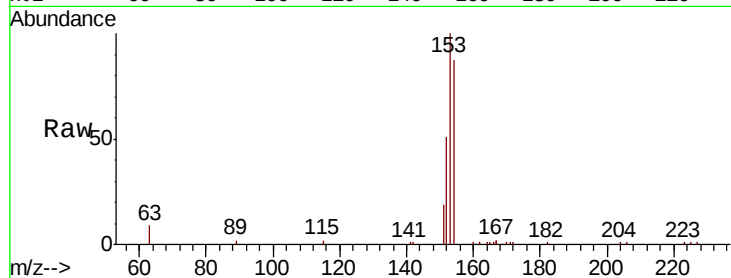




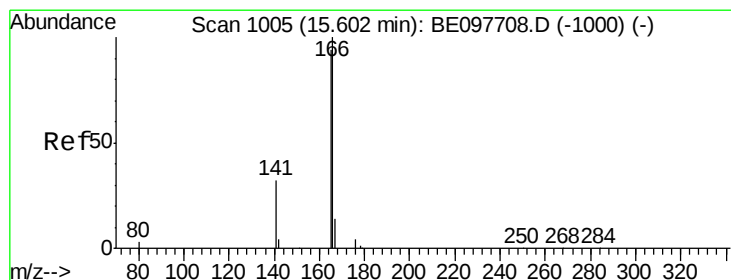
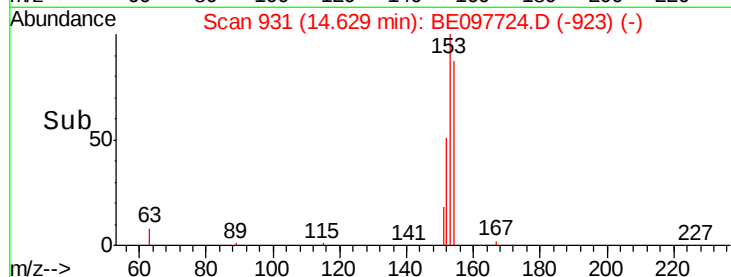
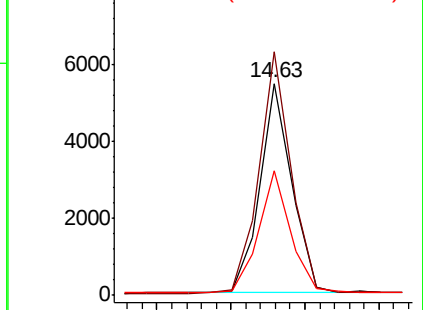
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.63 min Scan# 931
Delta R.T. 0.01 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 8089
Ion Ratio Lower Upper
154 100
153 115.7 93.3 139.9
152 58.5 48.9 73.3

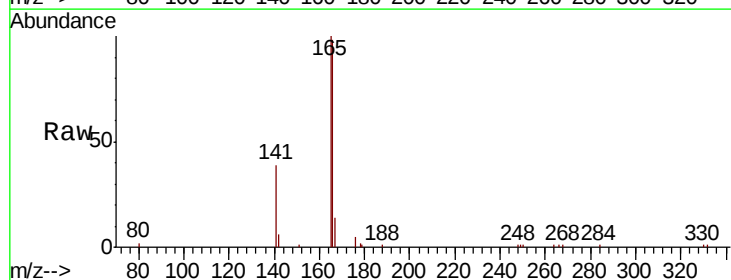


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

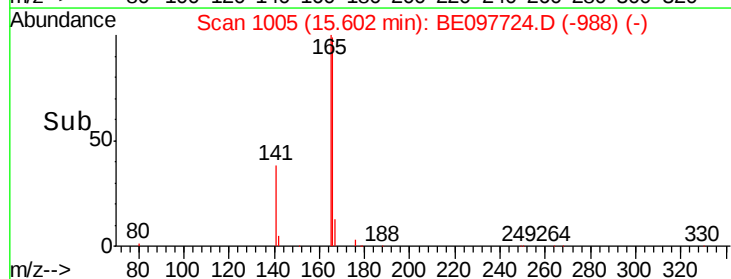
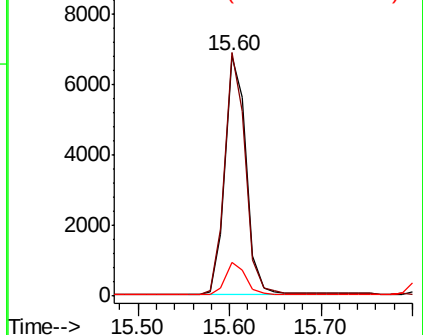


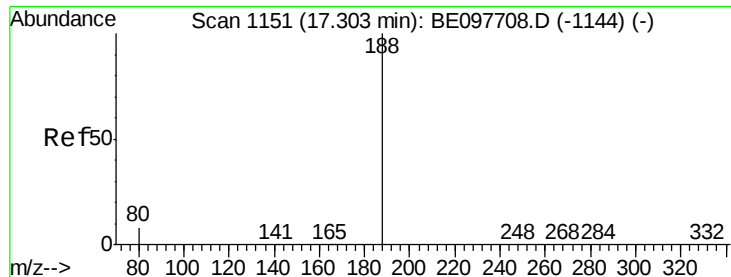
#18
Fluorene
Concen: 0.383 ng
RT: 15.60 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BE097724.D
Acq: 4 Oct 2018 13:16

Tgt Ion:166 Resp: 10843
Ion Ratio Lower Upper
166 100
165 99.2 79.0 118.4
167 12.9 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: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

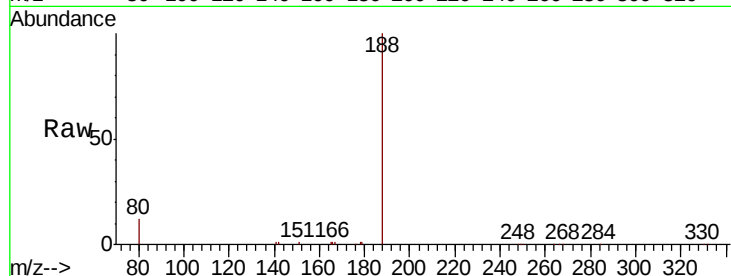
Tgt Ion:188 Resp: 20644

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

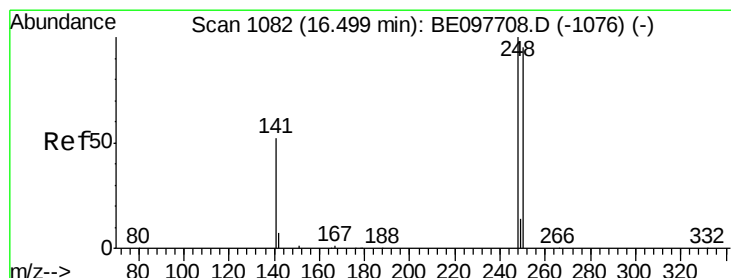
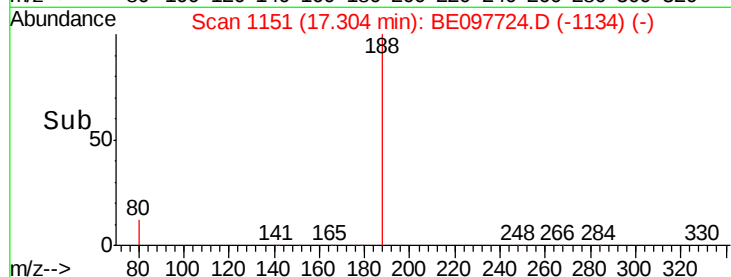
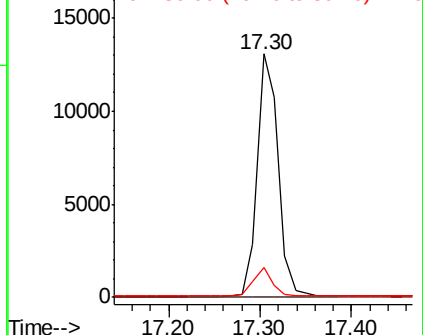
80 12.3 6.6 9.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.388 ng

RT: 16.51 min Scan# 1083

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

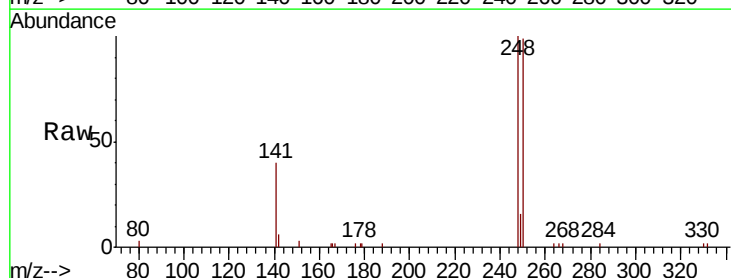
Tgt Ion:248 Resp: 4201

Ion Ratio Lower Upper

248 100

250 98.7 76.1 114.1

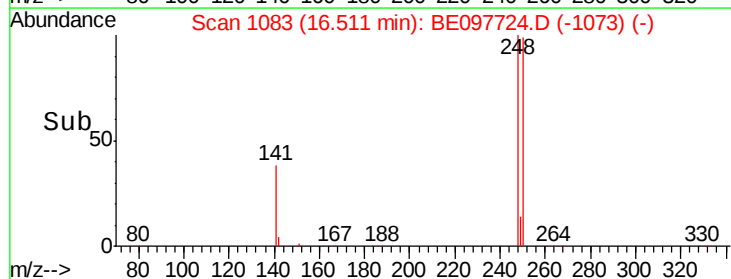
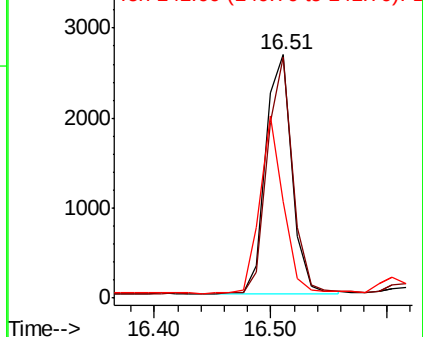
141 39.7 42.2 63.4#

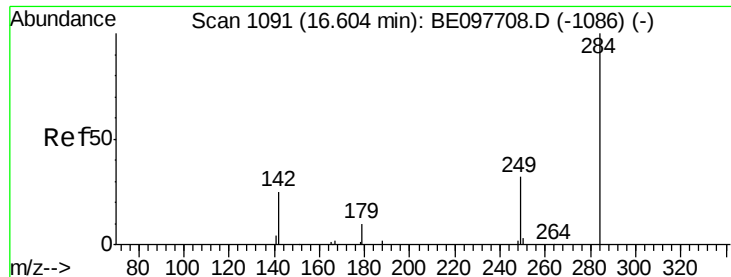


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.381 ng

RT: 16.62 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

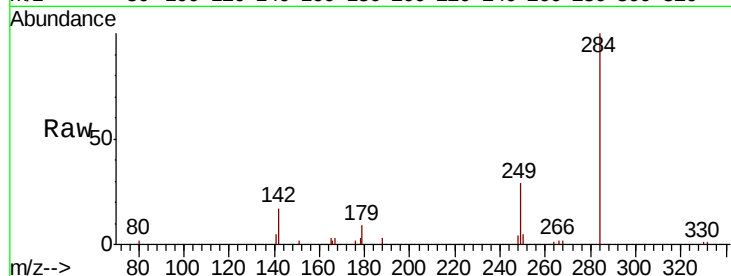
Tgt Ion:284 Resp: 4637

Ion Ratio Lower Upper

284 100

142 32.8 24.9 37.3

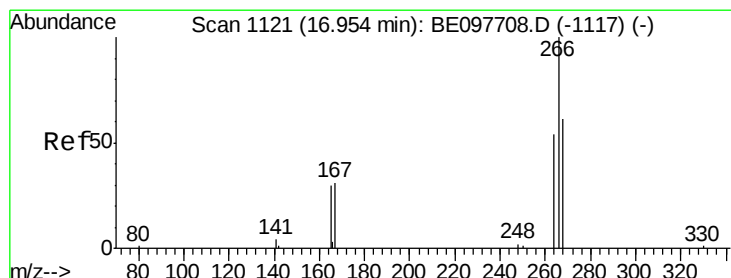
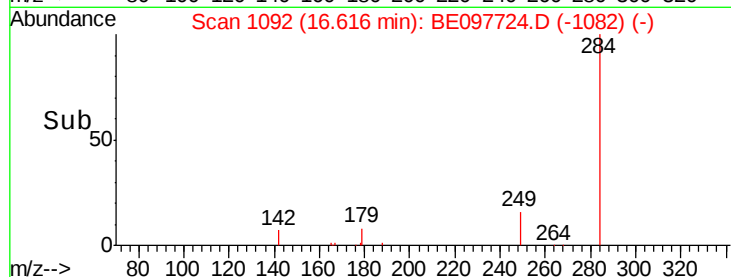
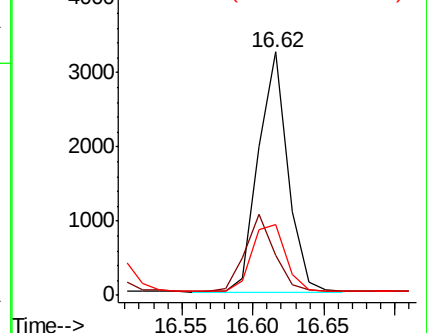
249 31.7 25.8 38.8



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: 0.408 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

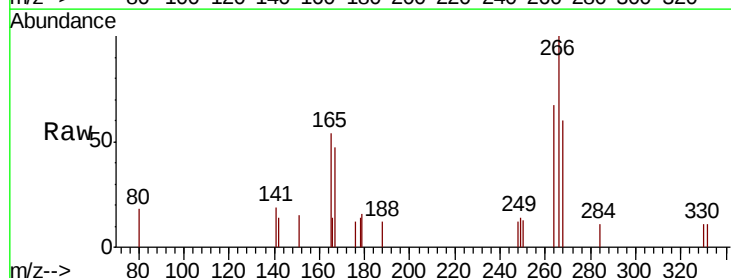
Tgt Ion:266 Resp: 780

Ion Ratio Lower Upper

266 100

264 66.9 46.8 70.2

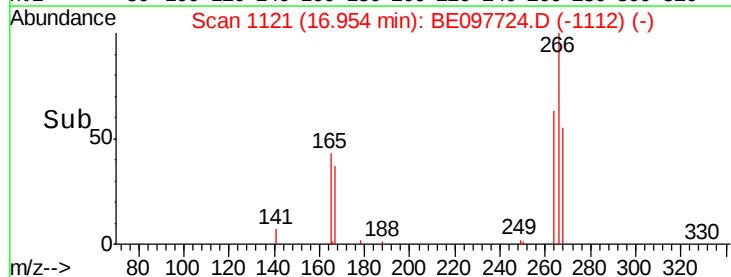
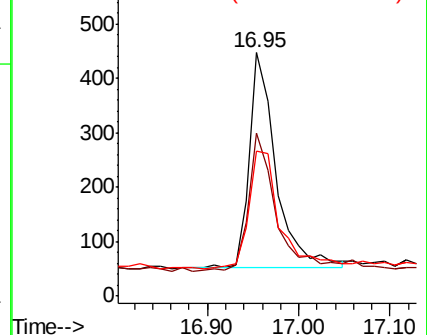
268 59.7 53.0 79.6

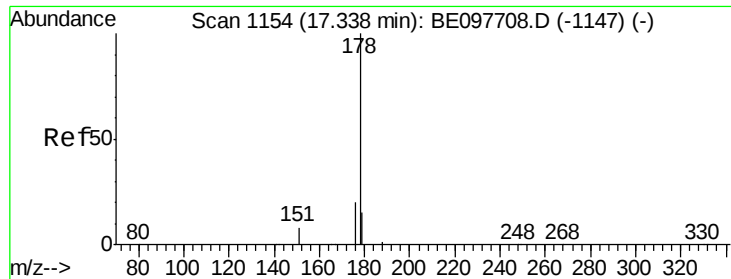


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.398 ng

RT: 17.35 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

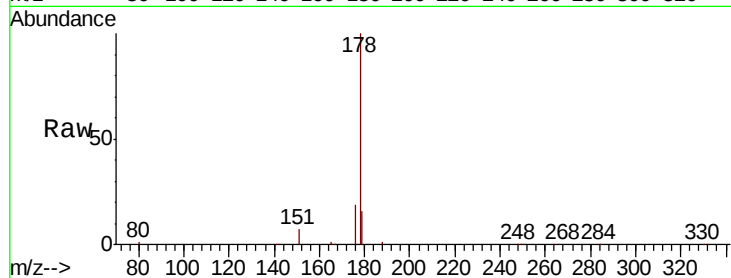
Tgt Ion:178 Resp: 21155

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

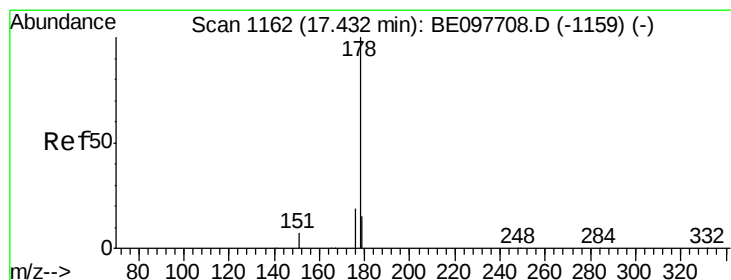
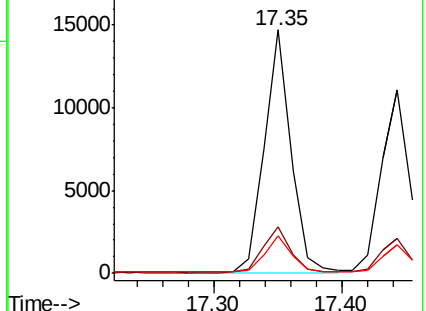
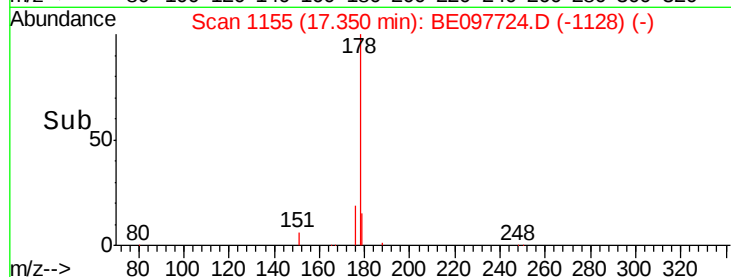
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.374 ng

RT: 17.44 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

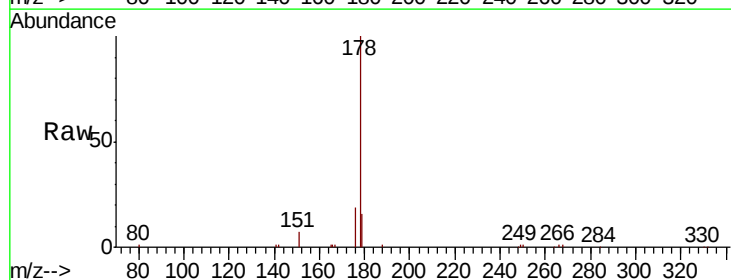
Tgt Ion:178 Resp: 17167

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

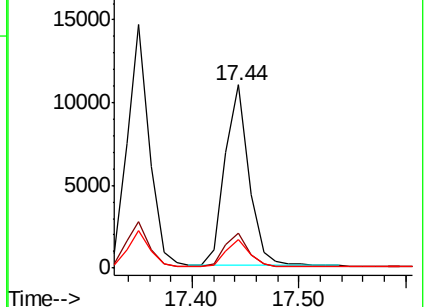
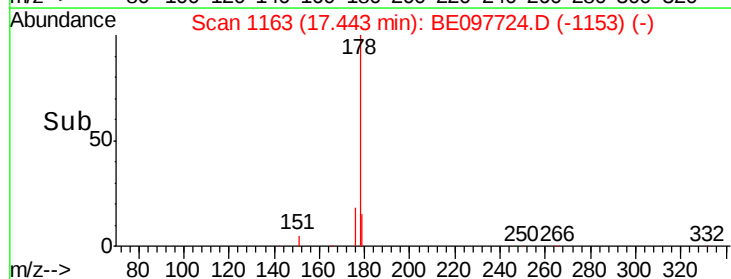
179 15.2 12.2 18.2

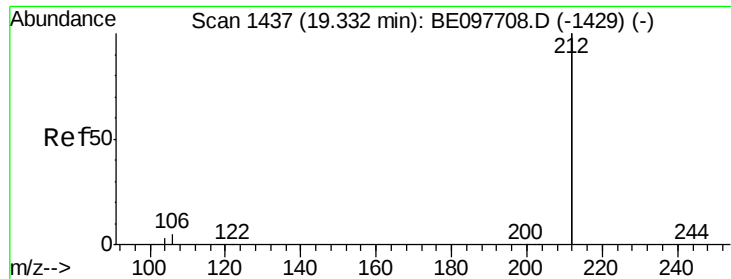


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.34 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

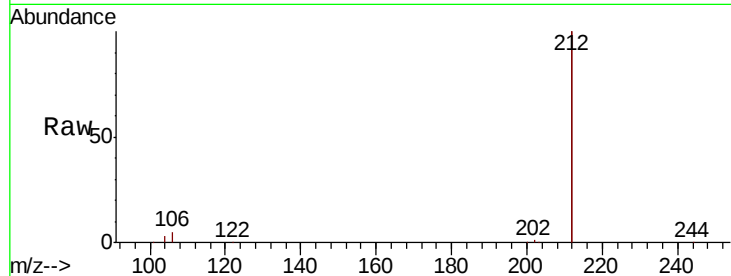
Tgt Ion:212 Resp: 97606

Ion Ratio Lower Upper

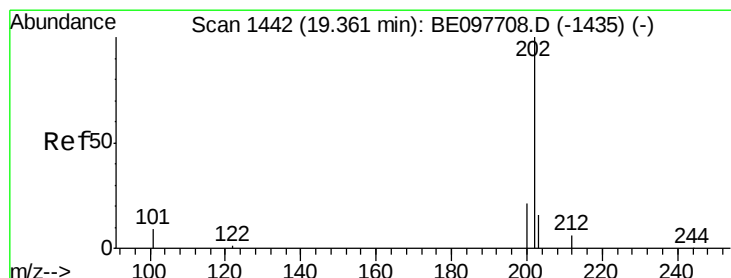
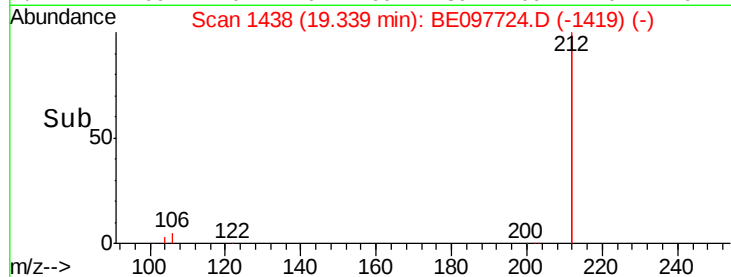
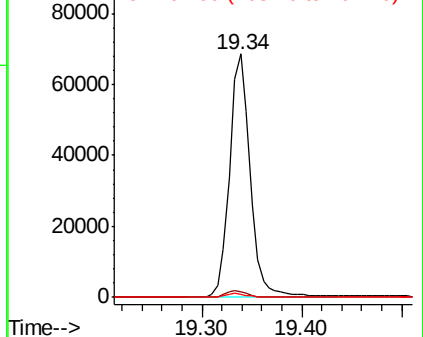
212 100

106 2.7 2.2 3.2

104 1.7 1.2 1.8



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.373 ng

RT: 19.37 min Scan# 1443

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

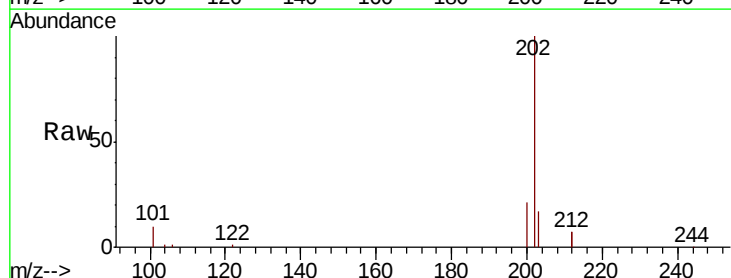
Tgt Ion:202 Resp: 25297

Ion Ratio Lower Upper

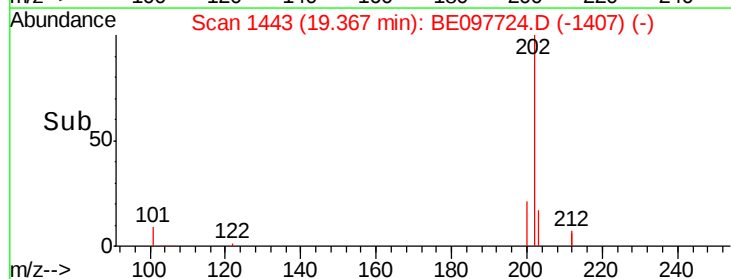
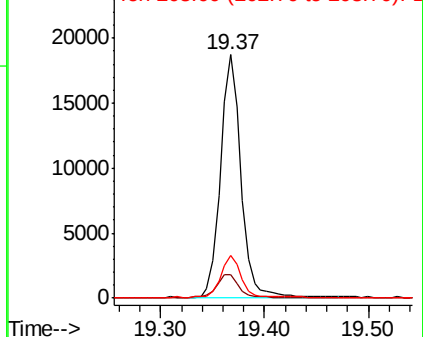
202 100

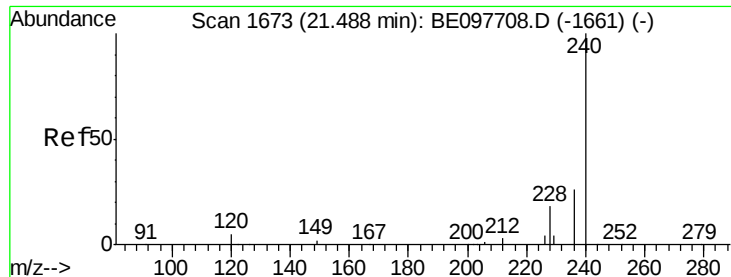
101 10.2 7.8 11.8

203 16.8 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

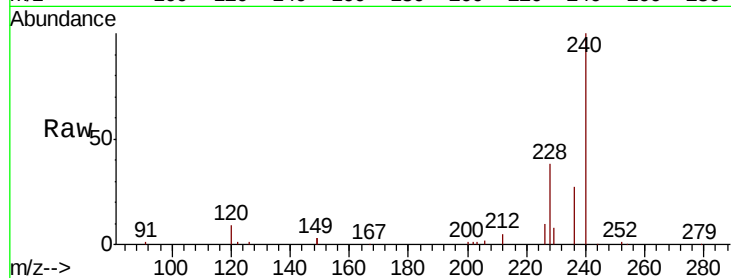
Tgt Ion:240 Resp: 26211

Ion Ratio Lower Upper

240 100

120 9.3 4.7 7.1#

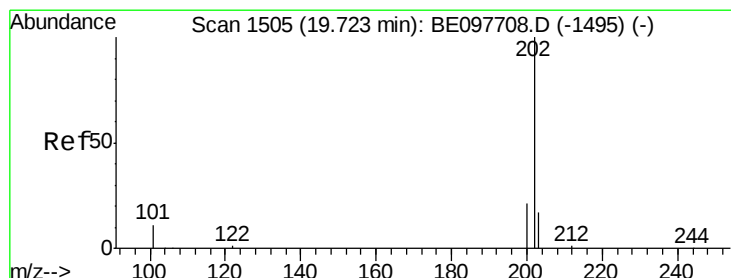
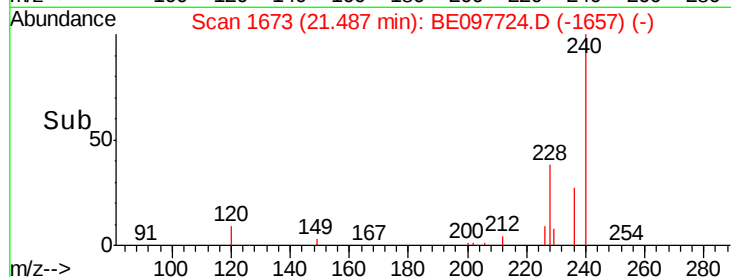
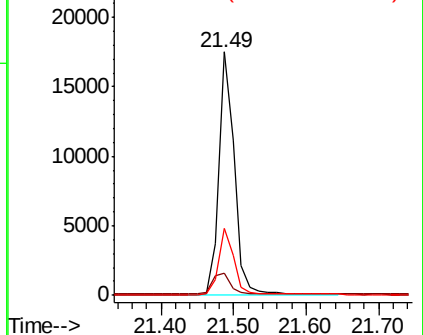
236 27.3 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.389 ng

RT: 19.73 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

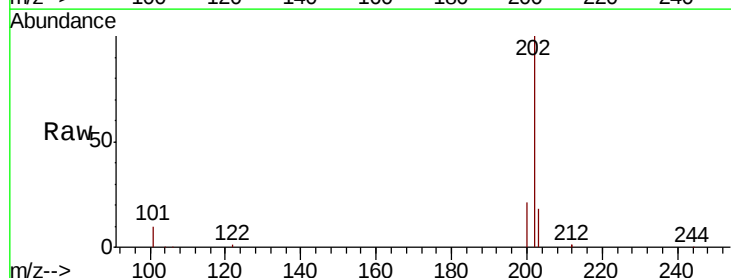
Tgt Ion:202 Resp: 25919

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

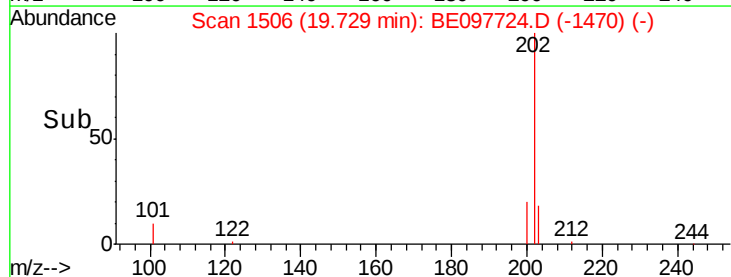
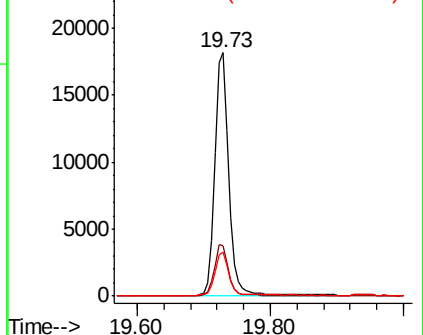
203 17.6 13.9 20.9

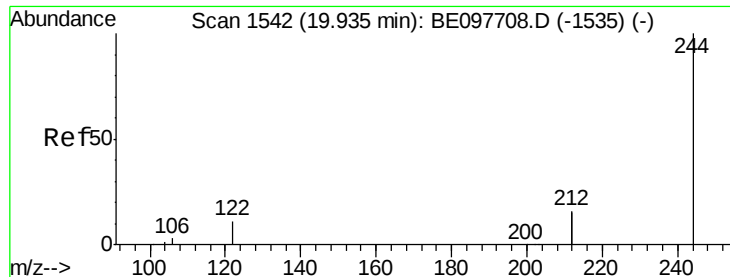


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 19.94 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

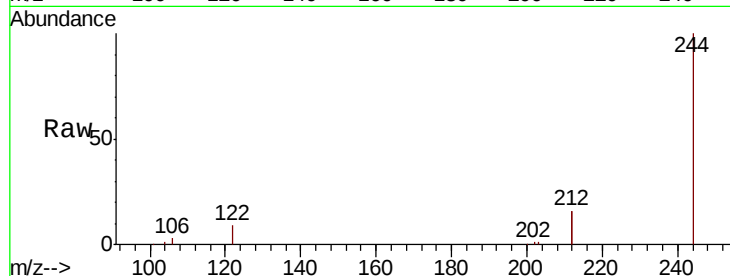
Tgt Ion:244 Resp: 20971

Ion Ratio Lower Upper

244 100

212 31.5 25.8 38.8

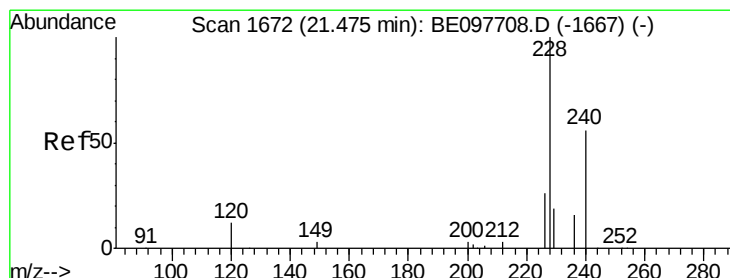
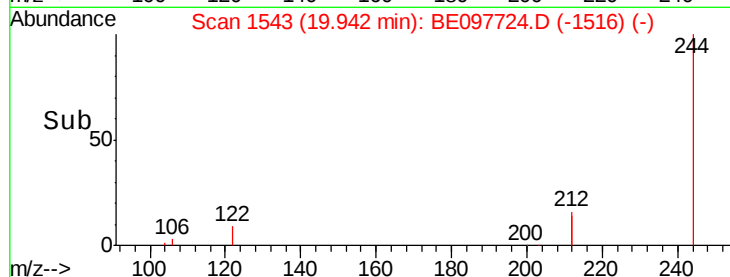
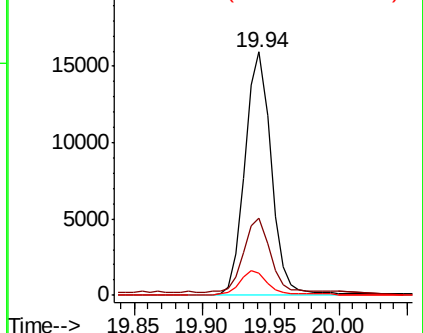
122 9.4 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.357 ng

RT: 21.47 min Scan# 1672

Delta R.T. -0.00 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

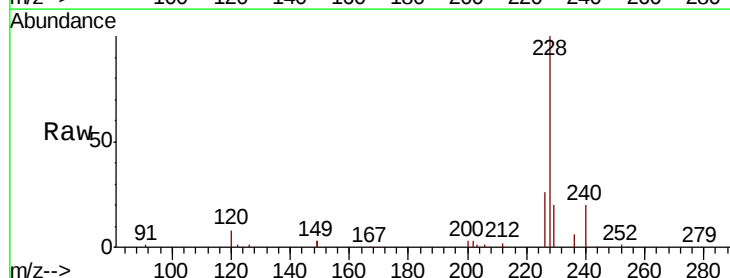
Tgt Ion:228 Resp: 25191

Ion Ratio Lower Upper

228 100

226 26.4 20.7 31.1

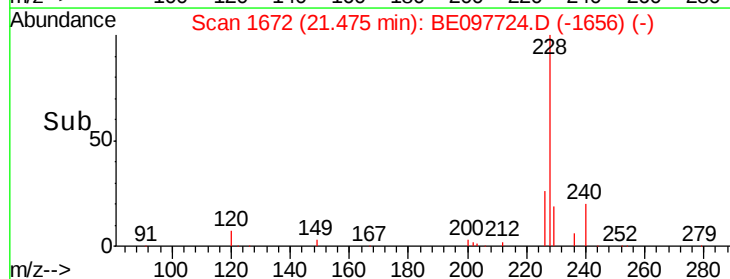
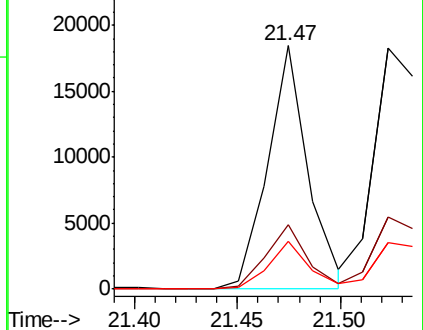
229 19.6 15.7 23.5

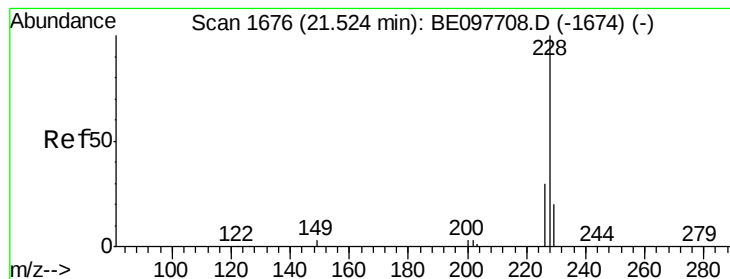


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.394 ng

RT: 21.52 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

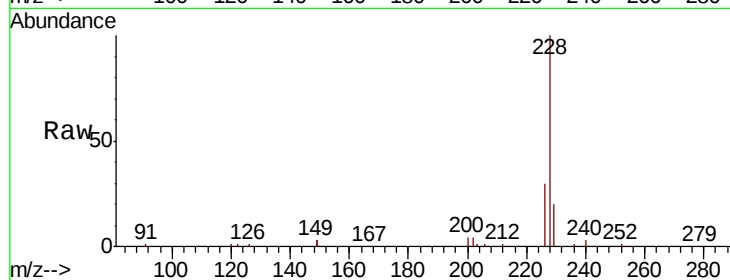
Tgt Ion:228 Resp: 31064

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

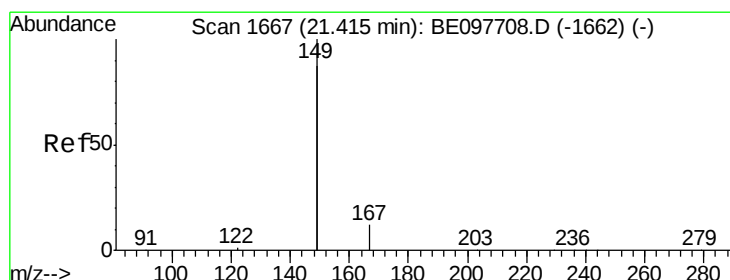
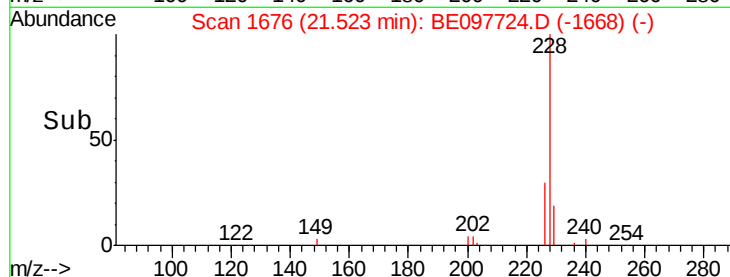
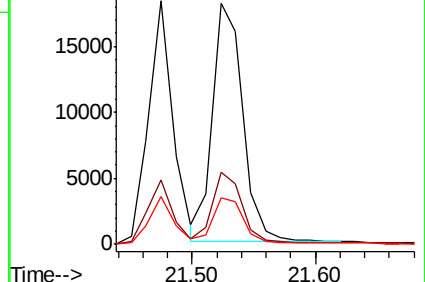
229 19.5 16.0 24.0



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: 0.347 ng

RT: 21.43 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

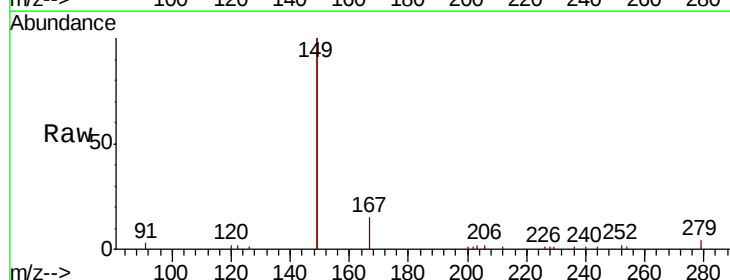
Tgt Ion:149 Resp: 17883

Ion Ratio Lower Upper

149 100

167 6.7 5.5 8.3

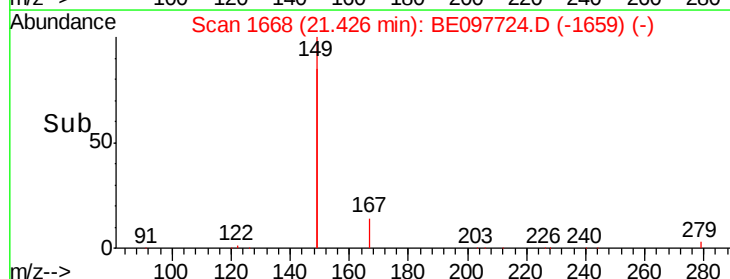
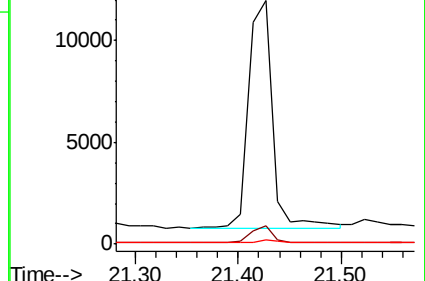
279 1.2 0.9 1.3

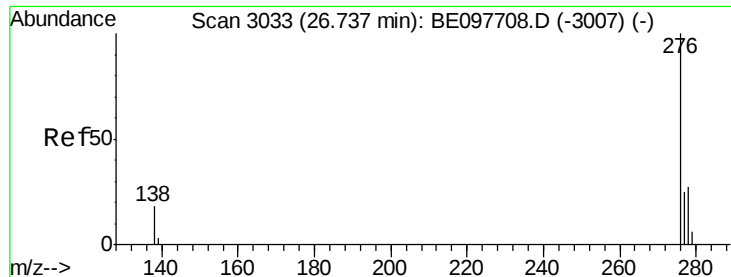


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.363 ng

RT: 26.75 min Scan# 3036

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

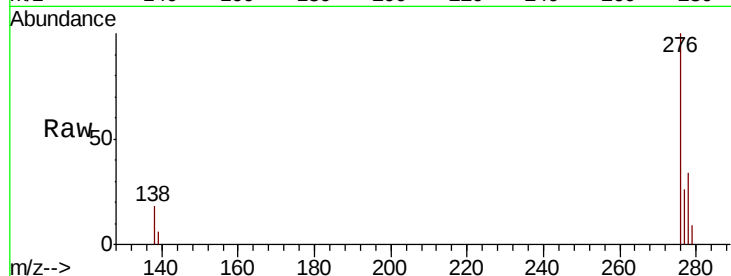
Tgt Ion:276 Resp: 24853

Ion Ratio Lower Upper

276 100

138 10.1 15.0 22.6#

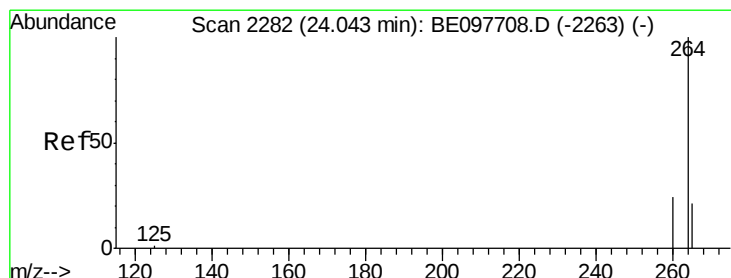
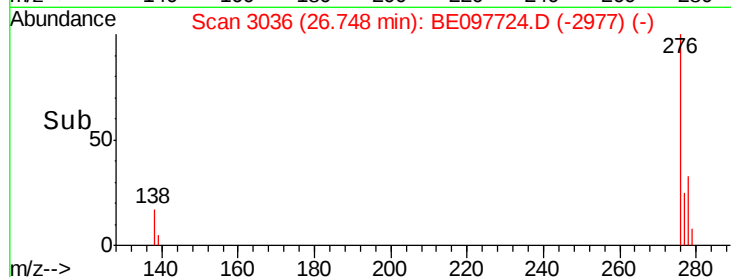
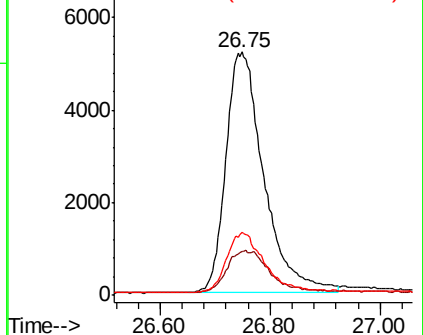
277 24.8 19.2 28.8



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: 24.05 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

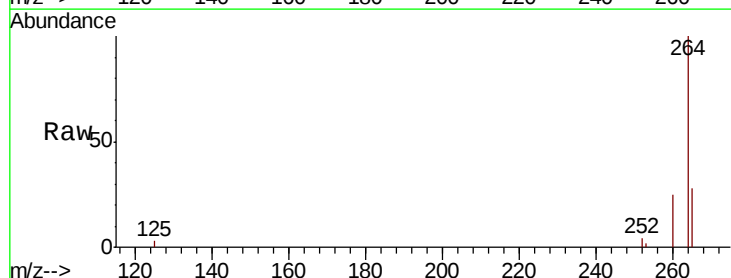
Tgt Ion:264 Resp: 23046

Ion Ratio Lower Upper

264 100

260 25.1 19.1 28.7

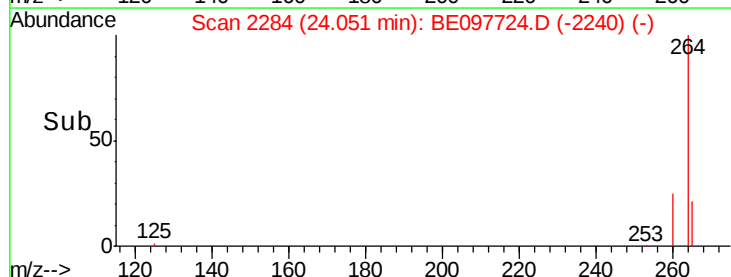
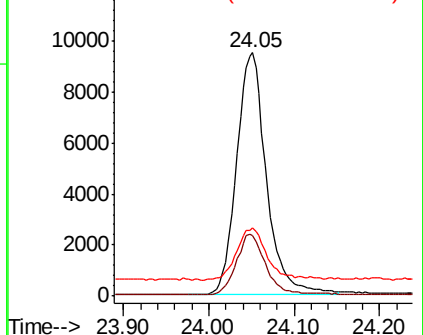
265 28.1 21.9 32.9

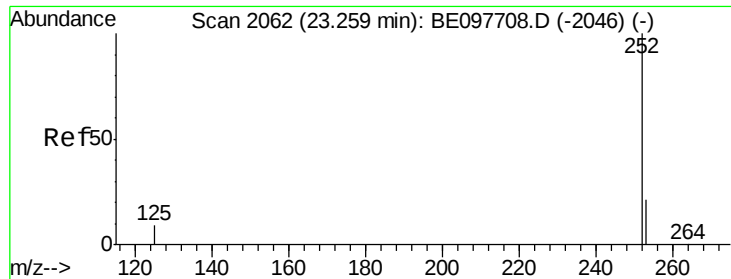


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.369 ng

RT: 23.26 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

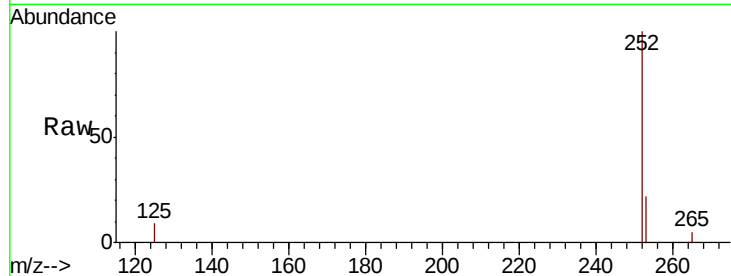
Tgt Ion:252 Resp: 23318

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

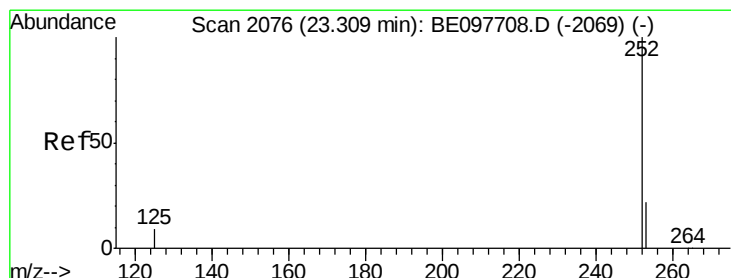
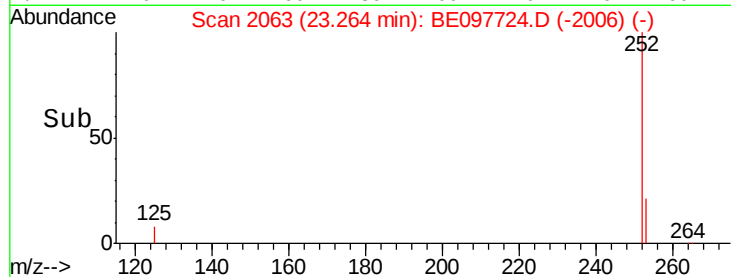
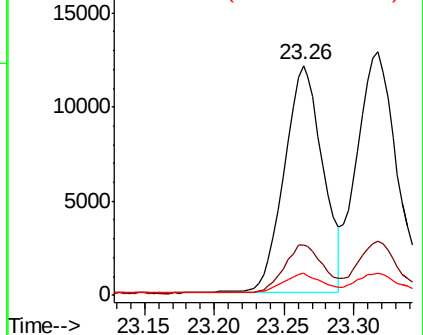
125 9.4 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.384 ng

RT: 23.32 min Scan# 2078

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

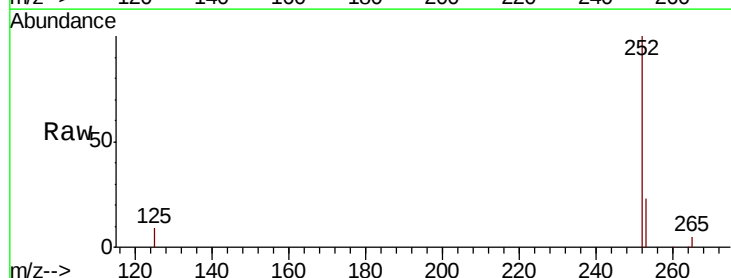
Tgt Ion:252 Resp: 26900

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

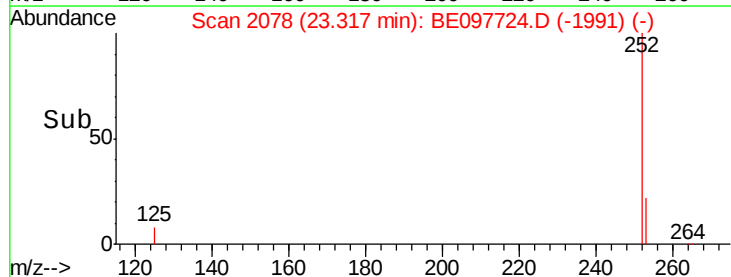
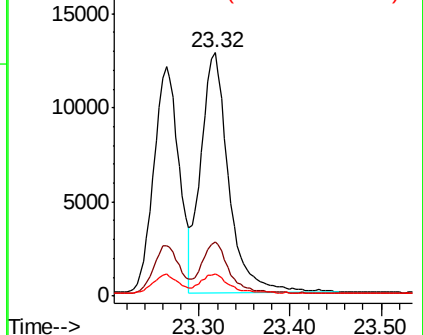
125 9.3 7.5 11.3

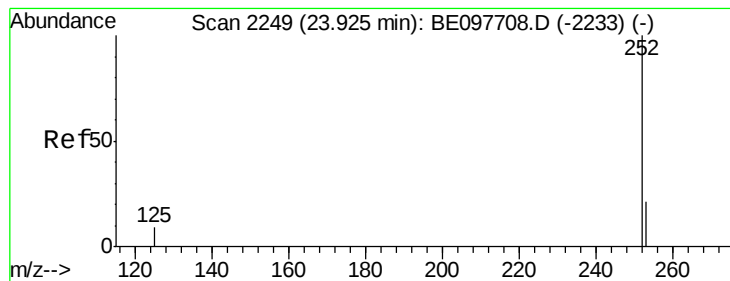


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.365 ng

RT: 23.93 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

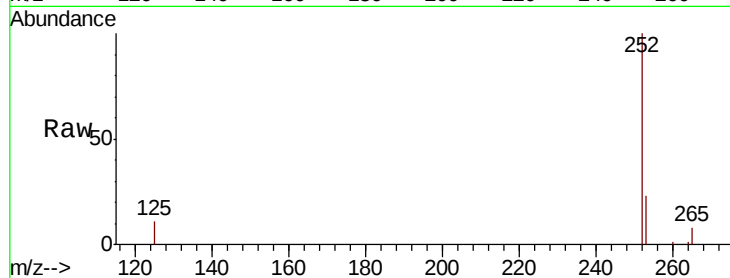
Tgt Ion:252 Resp: 20889

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 11.0 8.3 12.5

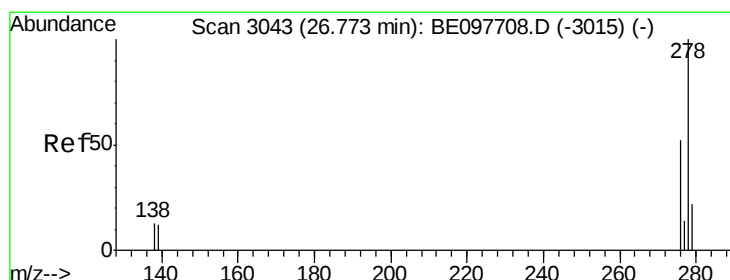
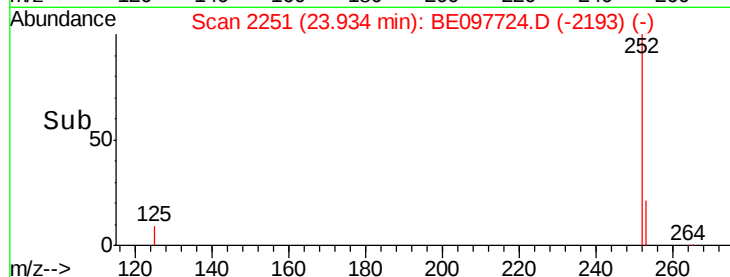
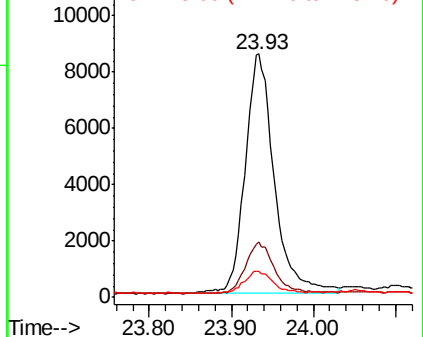


Abundance

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: 0.362 ng

RT: 26.78 min Scan# 3045

Delta R.T. 0.01 min

Lab File: BE097724.D

Acq: 4 Oct 2018 13:16

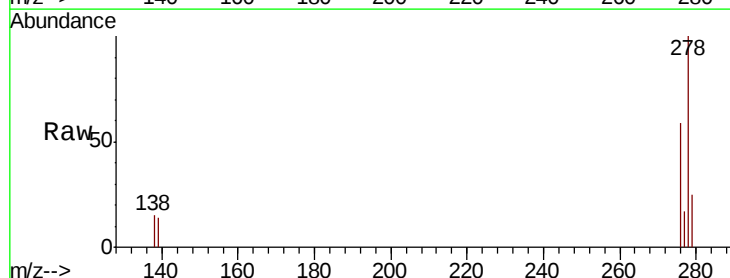
Tgt Ion:278 Resp: 20419

Ion Ratio Lower Upper

278 100

139 13.6 10.3 15.5

279 25.1 18.4 27.6

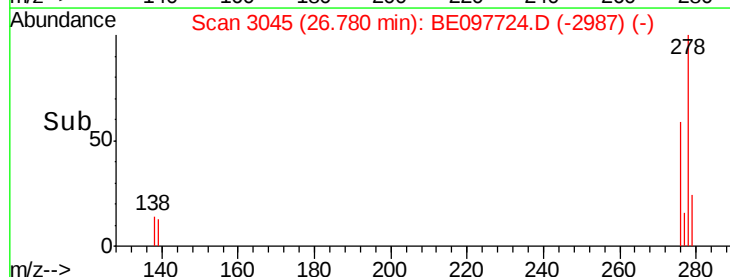
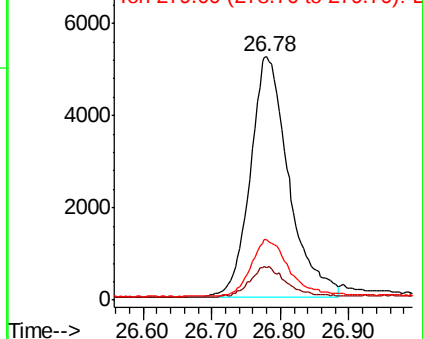


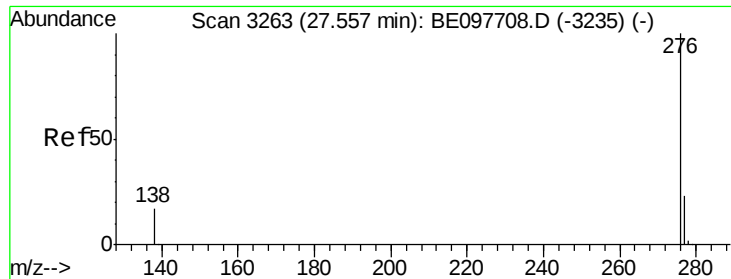
Abundance

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: 0.375 ng

RT: 27.57 min Scan# 3267

Delta R.T. 0.01 min

Lab File: BE097724.D

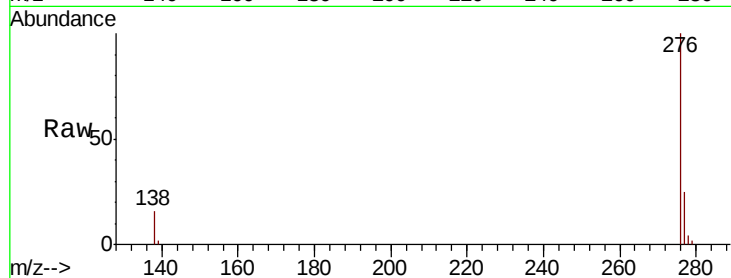
Acq: 4 Oct 2018 13:16

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 22145

Ion Ratio Lower Upper

276 100

277 25.2 19.1 28.7

138 16.0 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

