

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092718\
 Data File : BE097695.D
 Acq On : 27 Sep 2018 14:56
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Sep 27 15:45:10 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 14:15:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	952	0.40	ng	0.00
7) Naphthalene-d8	10.11	136	4515	0.40	ng	-0.01
13) Acenaphthene-d10	13.99	164	2652	0.40	ng	0.00
19) Phenanthrene-d10	16.74	188	6560	0.40	ng	-0.01
27) Chrysene-d12	20.96	240	8686	0.40	ng	-0.01
34) Perylene-d12	23.20	264	7176	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.03	112	7921	3.16	ng	-0.02
5) Phenol-d6	6.57	99	11715	3.31	ng	-0.04
8) Nitrobenzene-d5	8.50	82	12158	4.64	ng	-0.04
11) 2-Methylnaphthalene-d10	11.69	152	22997	3.44	ng	-0.03
14) 2,4,6-Tribromophenol	15.49	330	4102	3.99	ng	-0.02
15) 2-Fluorobiphenyl	12.60	172	33024	3.82	ng	-0.02
25) Fluoranthene-d10	18.79	212	272002	3.80	ng	-0.01
29) Terphenyl-d14	19.41	244	57877	3.38	ng	-0.01

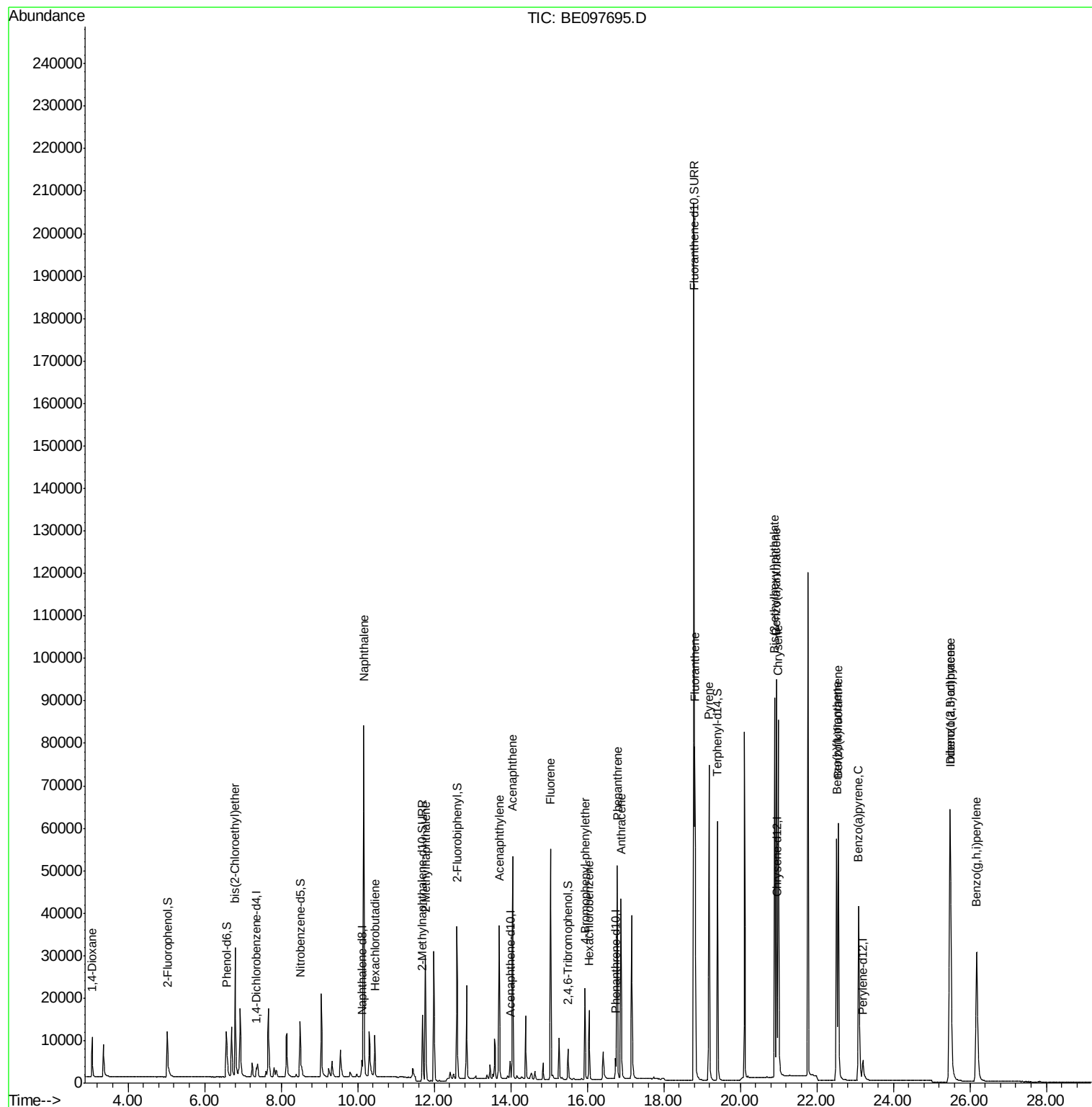
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	5711	3.350	ng	# 87
6) bis(2-Chloroethyl)ether	6.80	93	11491	4.009	ng	91
9) Naphthalene	10.16	128	141496	3.448	ng	99
10) Hexachlorobutadiene	10.45	225	6306	3.378	ng	96
12) 2-Methylnaphthalene	11.77	142	23444	3.608	ng	98
16) Acenaphthylene	13.70	152	40695	3.816	ng	100
17) Acenaphthene	14.05	154	25124	3.608	ng	97
18) Fluorene	15.04	166	31999	3.268	ng	# 79
20) 4-Bromophenyl-phenylether	15.95	248	11561	3.976	ng	# 77
21) Hexachlorobenzene	16.05	284	12496	3.727	ng	# 85
23) Phenanthrene	16.79	178	56988	3.673	ng	99
24) Anthracene	16.88	178	52215	4.050	ng	96
26) Fluoranthene	18.82	202	72751	3.908	ng	99
28) Pyrene	19.18	202	73553	3.244	ng	99
30) Benzo(a)anthracene	20.94	228	77871	3.795	ng	96
31) Chrysene	20.99	228	82501	3.435	ng	98
32) Bis(2-ethylhexyl)phthalate	20.89	149	105448	4.498	ng	99
33) Indeno(1,2,3-cd)pyrene	25.47	276	88102	3.481	ng	# 93
35) Benzo(b)fluoranthene	22.52	252	73268	3.994	ng	# 86
36) Benzo(k)fluoranthene	22.56	252	81102	3.735	ng	96
37) Benzo(a)pyrene	23.09	252	68612	3.787	ng	# 93
38) Dibenzo(a,h)anthracene	25.49	278	75077	3.940	ng	# 93
39) Benzo(g,h,i)perylene	26.18	276	73316	3.868	ng	# 89

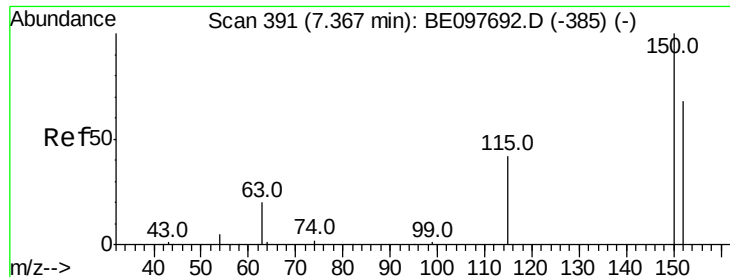
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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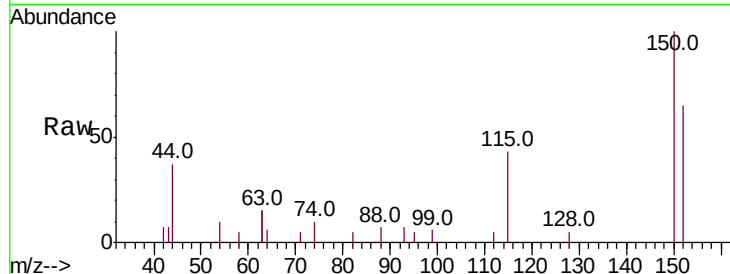


#1

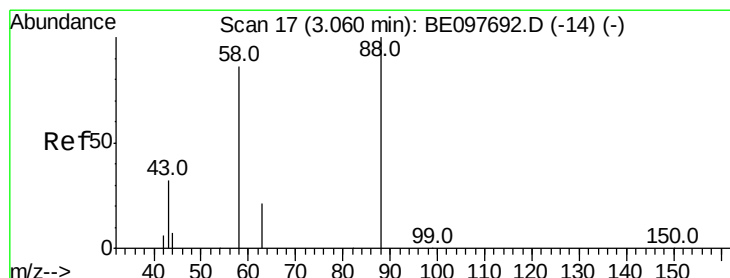
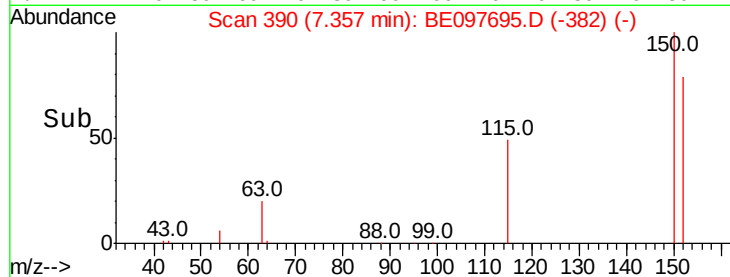
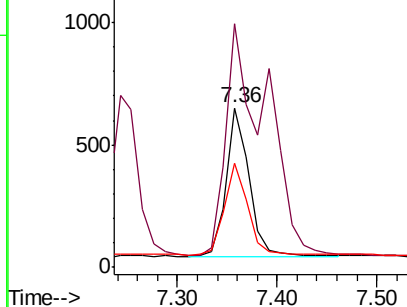
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.36 min Scan# 390
Delta R.T. -0.01 min
Lab File: BE097695.D
Acq: 27 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 952
Ion Ratio Lower Upper
152 100
150 152.8 117.2 175.8
115 65.6 57.0 85.6



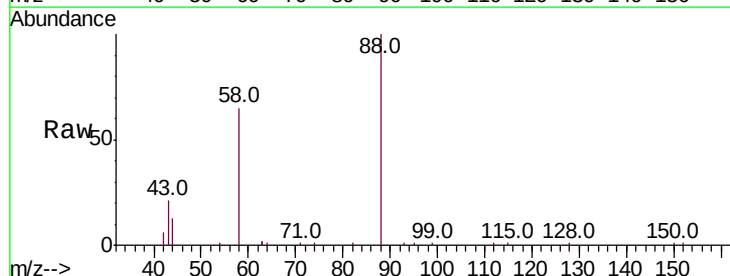
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



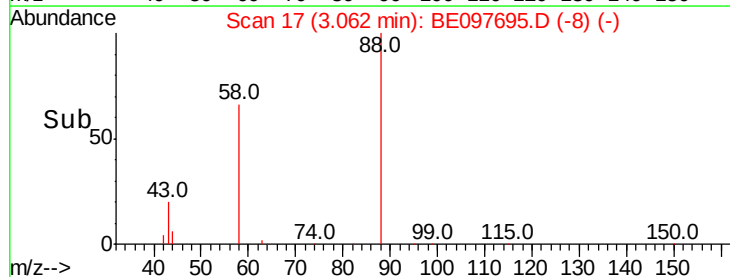
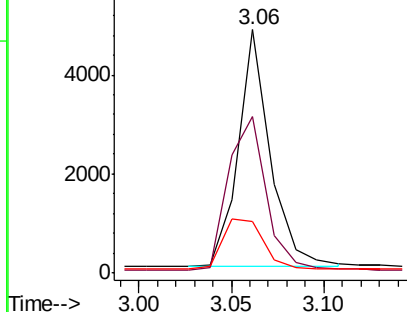
#2

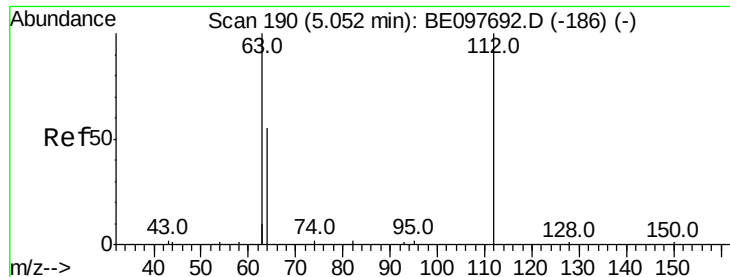
1,4-Dioxane
Concen: 3.350 ng
RT: 3.06 min Scan# 17
Delta R.T. 0.00 min
Lab File: BE097695.D
Acq: 27 Sep 2018 14:56

Tgt Ion: 88 Resp: 5711
Ion Ratio Lower Upper
88 100
58 79.2 63.2 94.8
43 28.0 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





#4

2-Fluorophenol

Concen: 3.160 ng

RT: 5.03 min Scan# 188

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

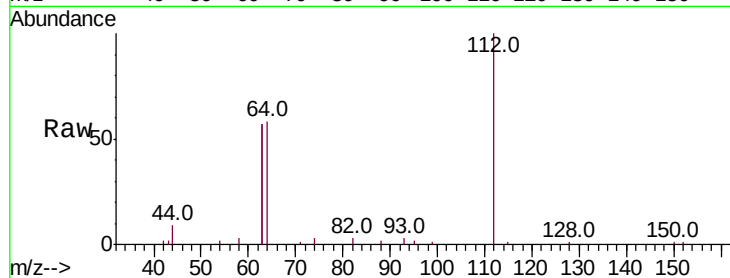
Tot Ion:112 Resp: 7921

Ion Ratio Lower Upper

112 100

64 66.7 60.1 90.1

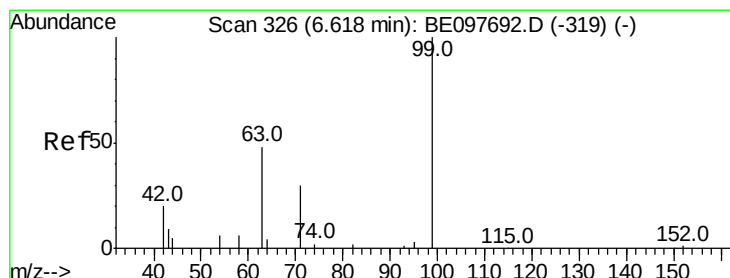
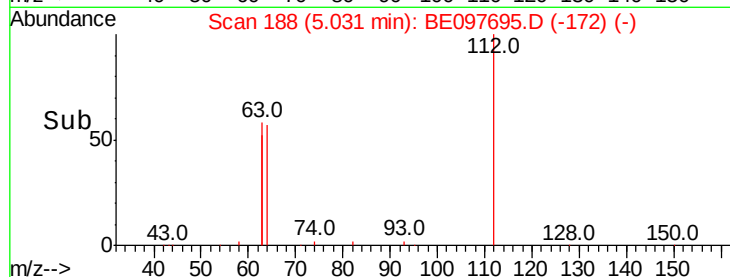
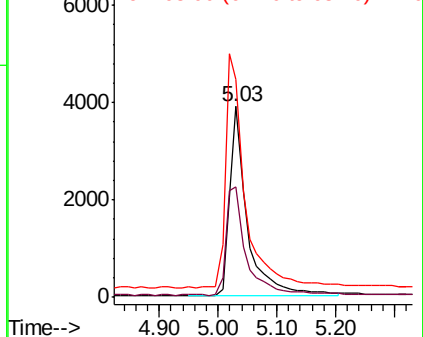
63 138.0 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 3.311 ng

RT: 6.57 min Scan# 322

Delta R.T. -0.04 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

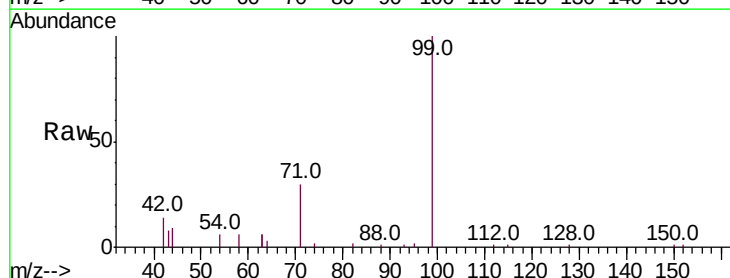
Tgt Ion: 99 Resp: 11715

Ion Ratio Lower Upper

99 100

42 19.8 20.2 30.2#

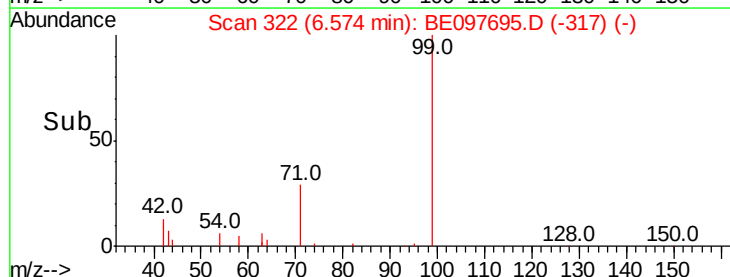
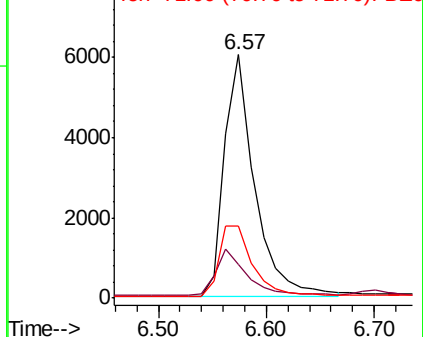
71 32.9 28.4 42.6

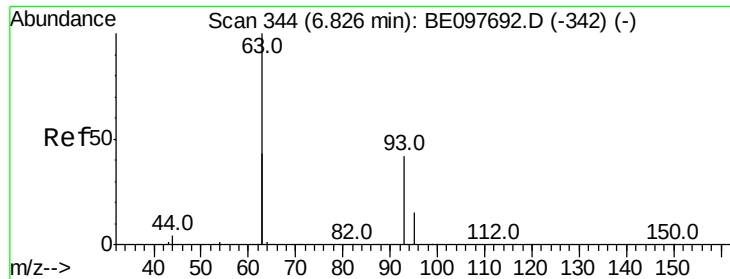


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 4.009 ng

RT: 6.80 min Scan# 342

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

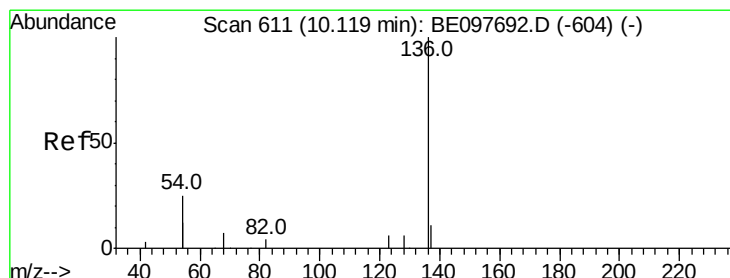
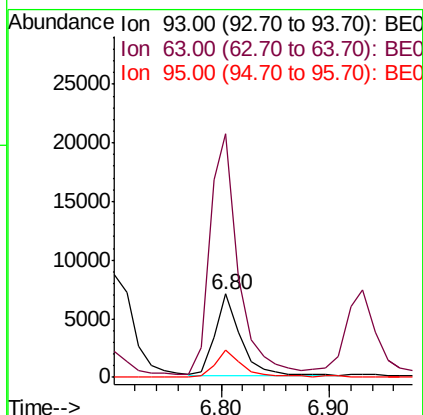
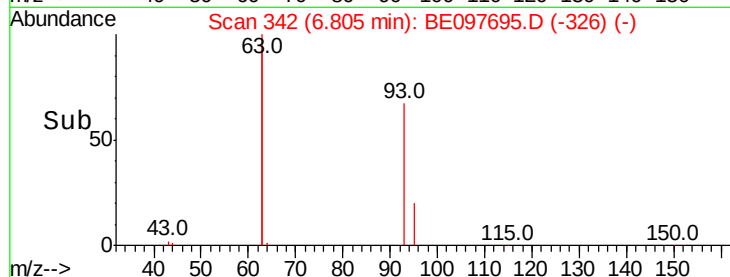
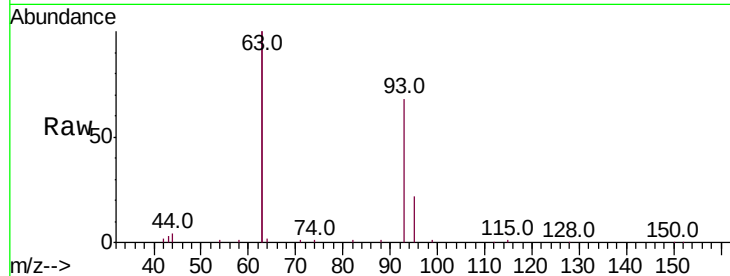
Tot Ion: 93 Resp: 11491

Ion Ratio Lower Upper

93 100

63 322.8 275.3 412.9

95 32.1 25.2 37.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.11 min Scan# 610

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Tgt Ion: 136 Resp: 4515

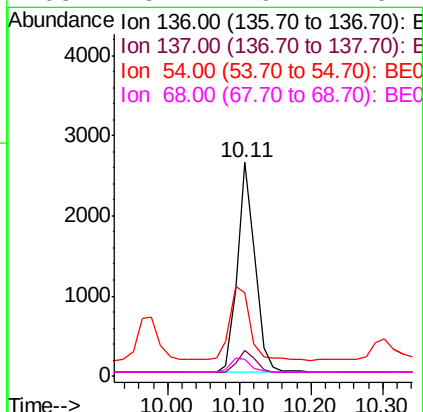
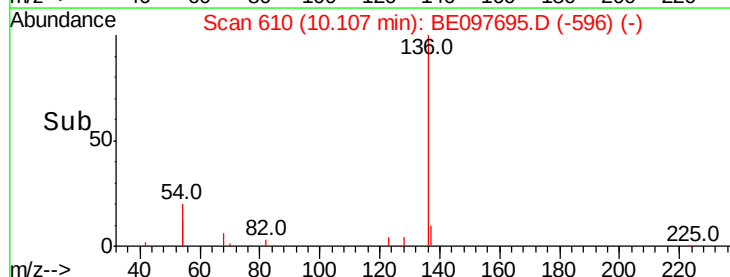
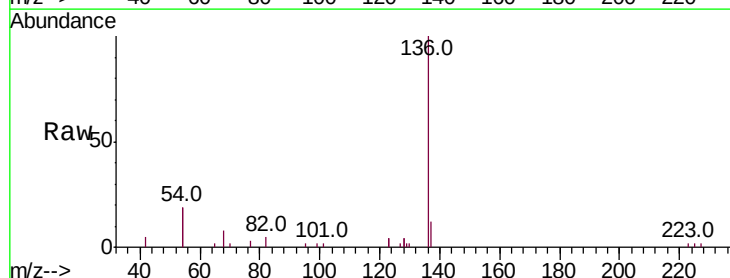
Ion Ratio Lower Upper

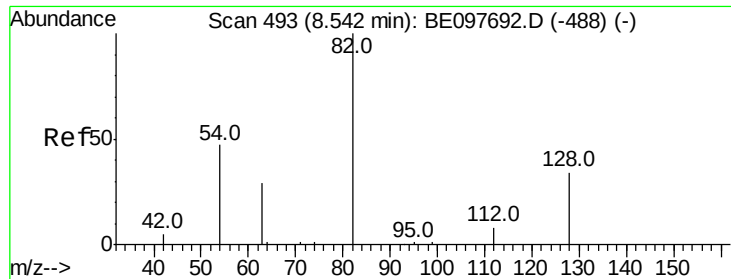
136 100

137 12.0 9.5 14.3

54 38.7 29.1 43.7

68 8.1 6.2 9.2

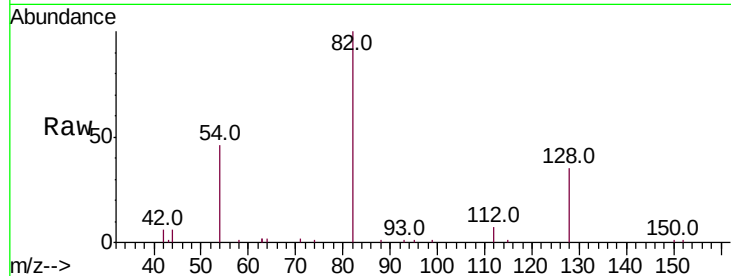




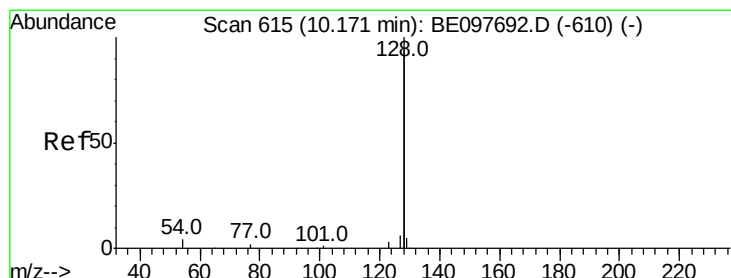
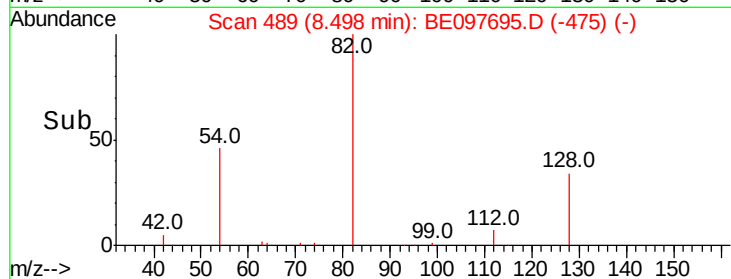
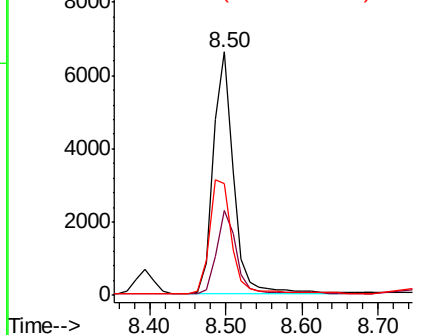
#8
 Nitrobenzene-d5
 Concen: 4.643 ng
 RT: 8.50 min Scan# 489
 Delta R.T. -0.04 min
 Lab File: BE097695.D
 Acq: 27 Sep 2018 14:56

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion	82	Resp	12158
Ion Ratio	Lower	Upper	
82	100		
128	34.9	24.0	36.0
54	46.1	40.0	60.0

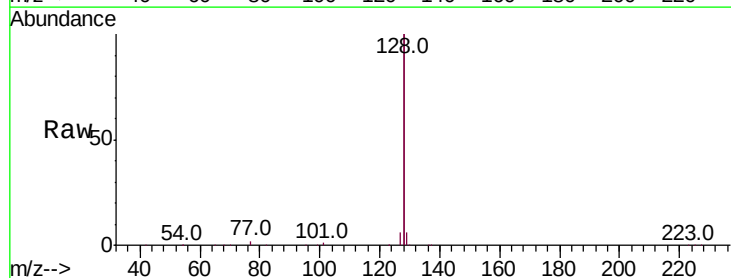


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BE0

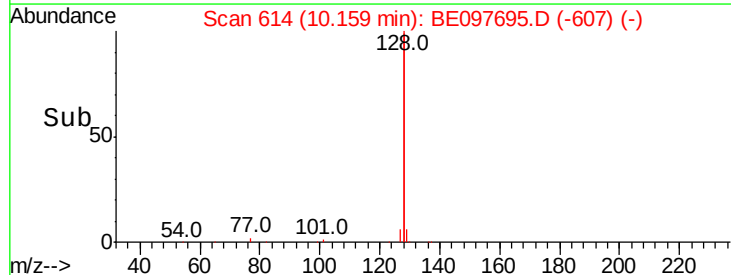
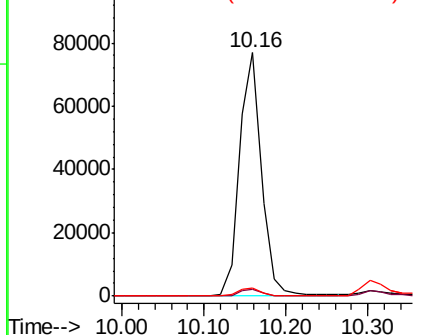


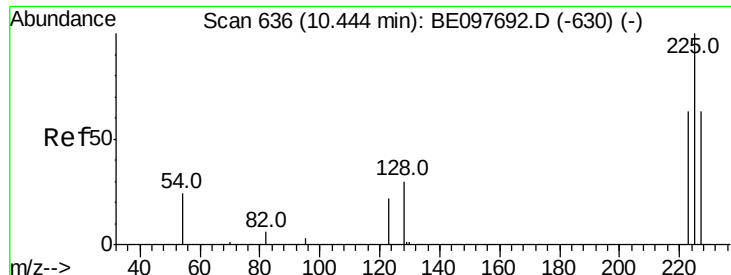
#9
 Naphthalene
 Concen: 3.448 ng
 RT: 10.16 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BE097695.D
 Acq: 27 Sep 2018 14:56

Tgt Ion	128	Resp	141496
Ion Ratio	Lower	Upper	
128	100		
129	2.8	2.6	3.8
127	3.2	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

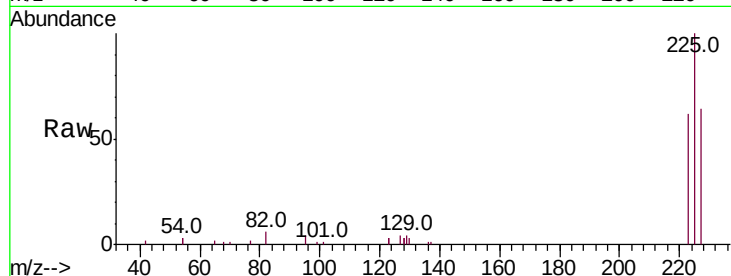




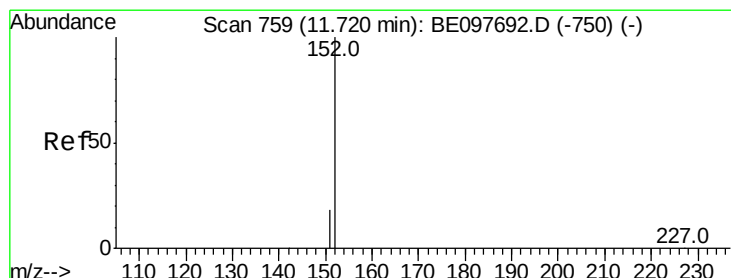
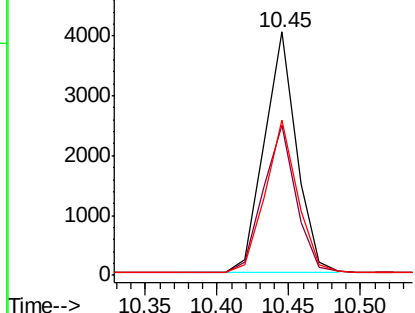
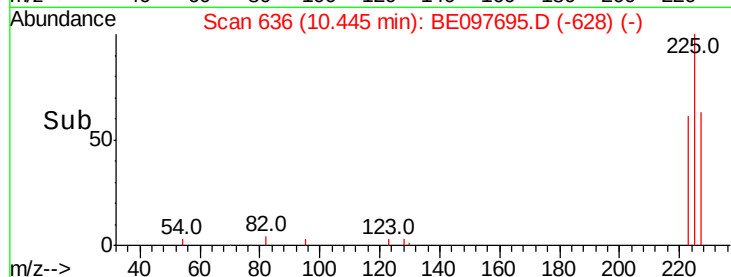
#10
Hexachlorobutadiene
Concen: 3.378 ng
RT: 10.45 min Scan# 636
Delta R.T. 0.00 min
Lab File: BE097695.D
Acq: 27 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:225 Resp: 6306
Ion Ratio Lower Upper
225 100
223 62.0 53.0 79.6
227 62.9 51.4 77.2

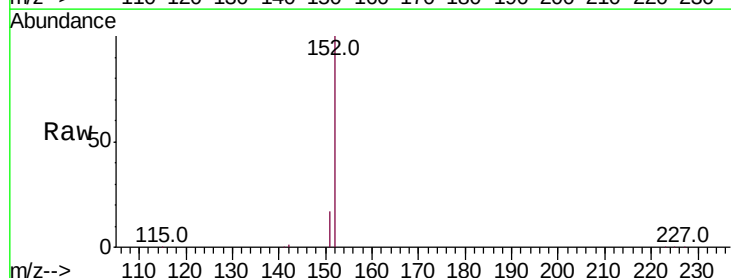


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

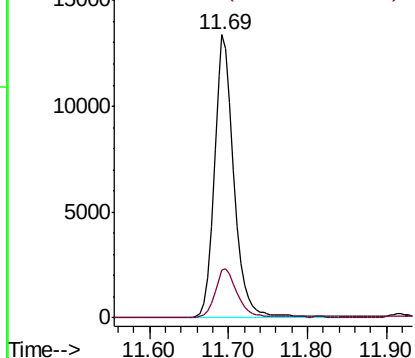
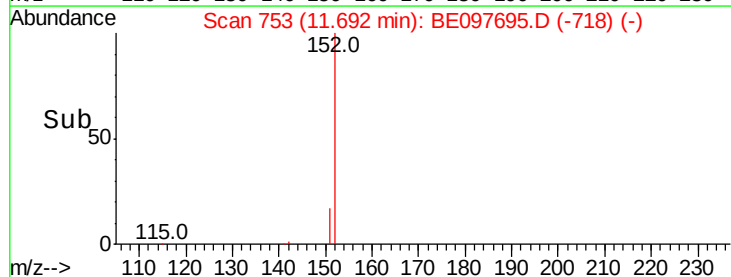


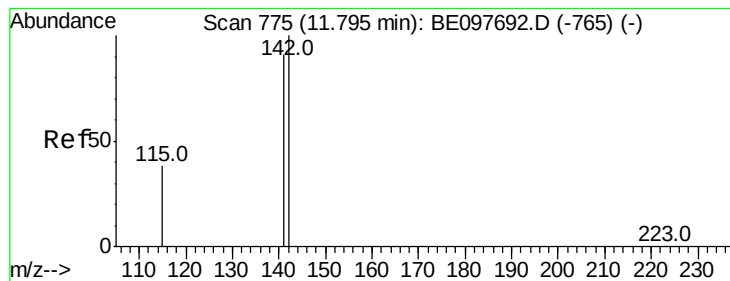
#11
2-Methylnaphthalene-d10
Concen: 3.440 ng
RT: 11.69 min Scan# 753
Delta R.T. -0.03 min
Lab File: BE097695.D
Acq: 27 Sep 2018 14:56

Tgt Ion:152 Resp: 22997
Ion Ratio Lower Upper
152 100
151 19.0 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: 3.608 ng

RT: 11.77 min Scan# 770

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

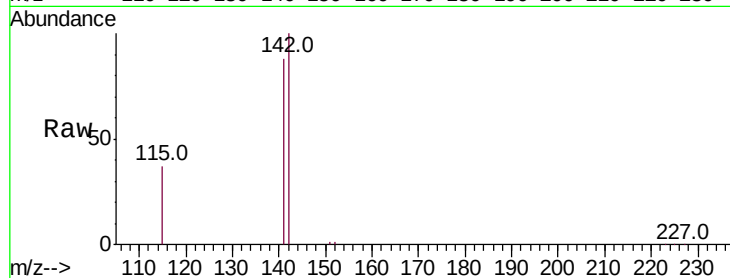
Tot Ion:142 Resp: 23444

Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6

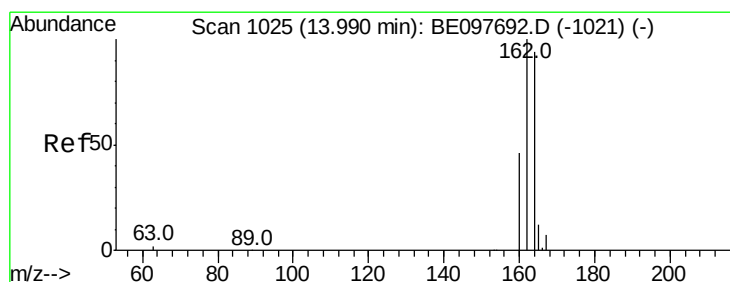
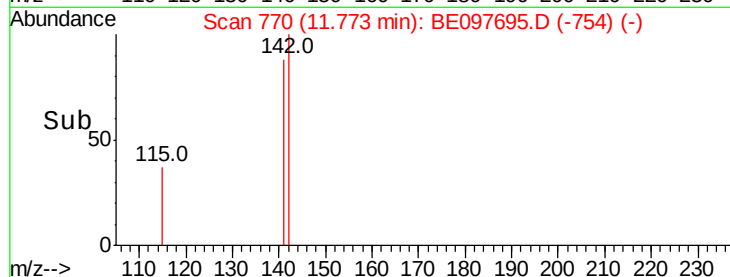
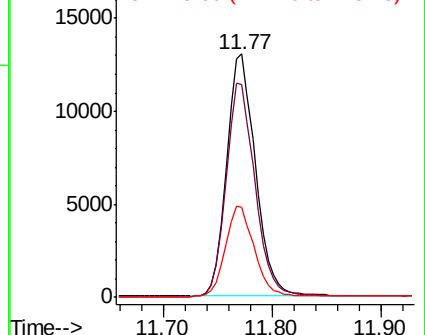
115 36.9 31.7 47.5



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: 13.99 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

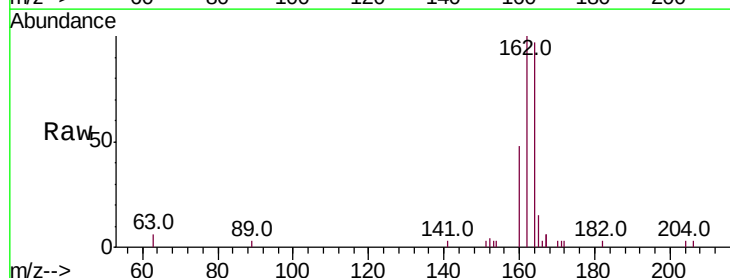
Tgt Ion:164 Resp: 2652

Ion Ratio Lower Upper

164 100

162 103.3 83.1 124.7

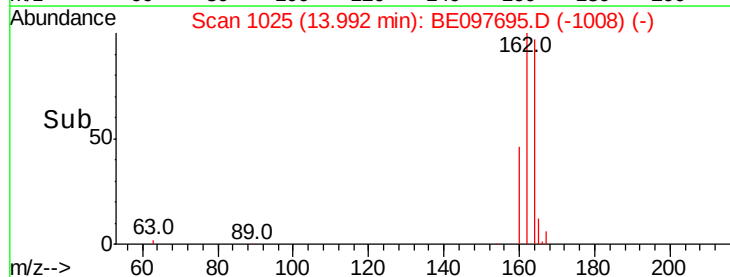
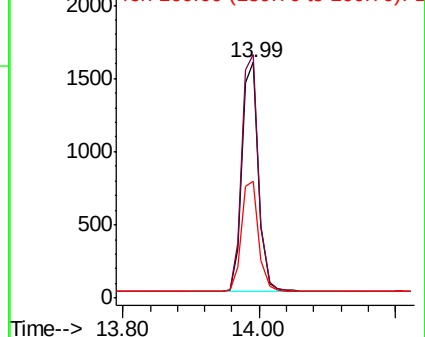
160 49.4 37.1 55.7

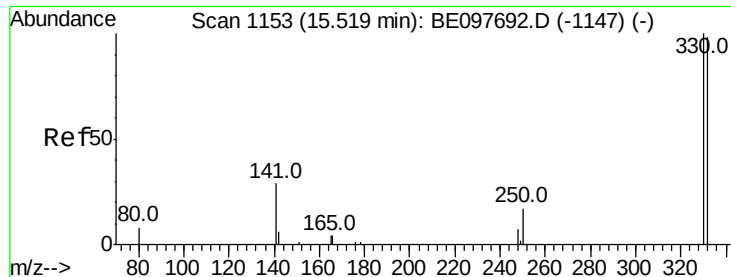


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

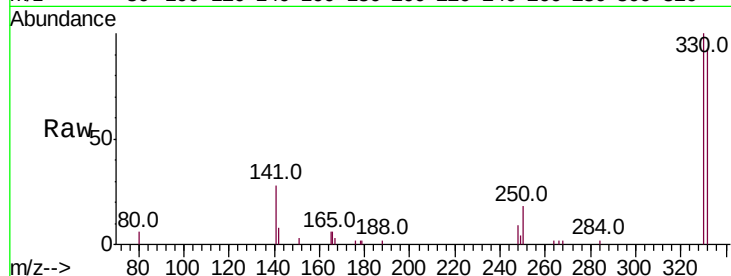




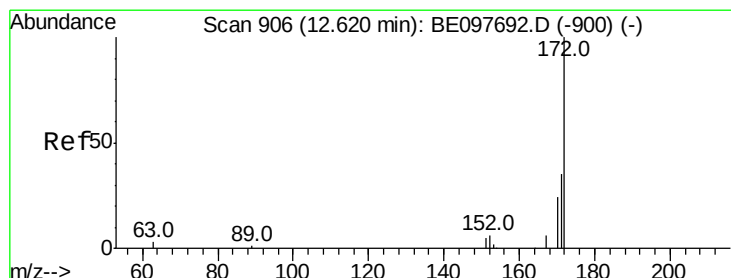
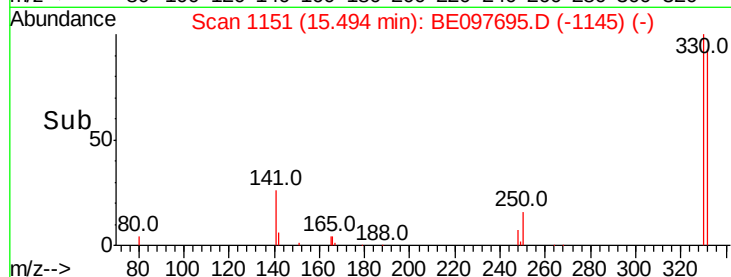
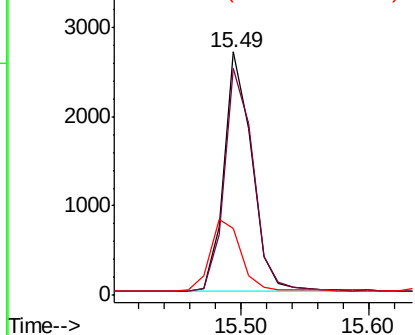
#14
 2,4,6-Tribromophenol
 Concen: 3.990 ng
 RT: 15.49 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BE097695.D
 Acq: 27 Sep 2018 14:56

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion:330 Resp: 4102
 Ion Ratio Lower Upper
 330 100
 332 96.2 152.7 229.1#
 141 32.9 33.7 50.5#

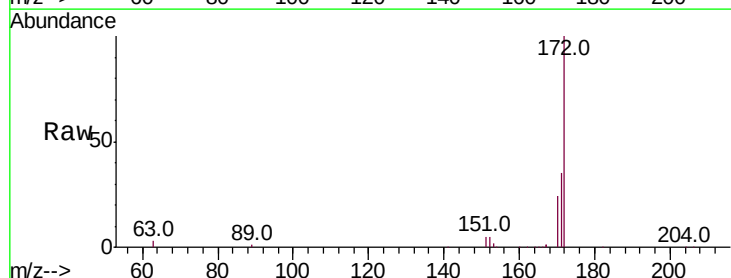


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

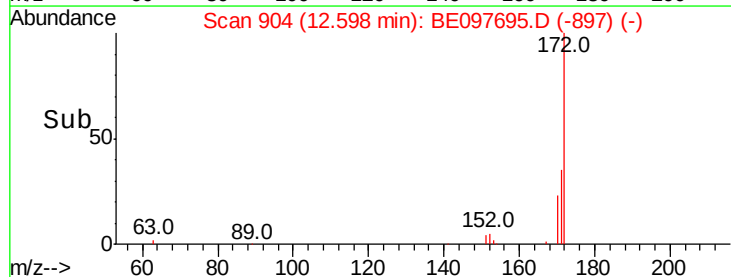
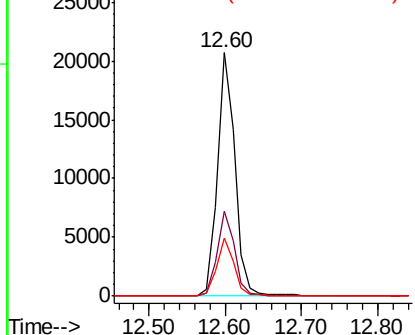


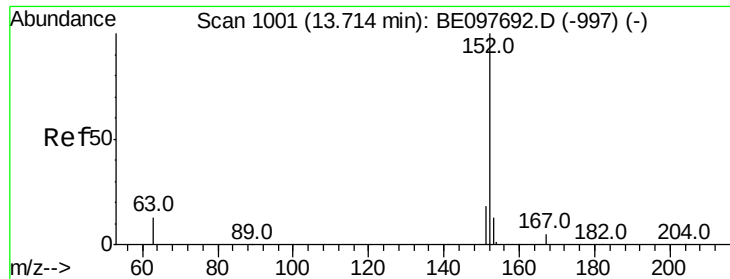
#15
 2-Fluorobiphenyl
 Concen: 3.816 ng
 RT: 12.60 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BE097695.D
 Acq: 27 Sep 2018 14:56

Tgt Ion:172 Resp: 33024
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.9 44.9
 170 23.7 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: 3.816 ng

RT: 13.70 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

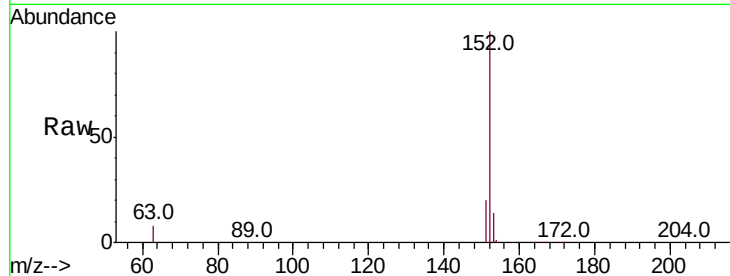
Tot Ion:152 Resp: 40695

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

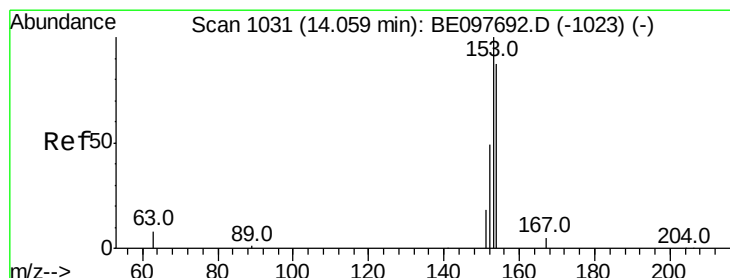
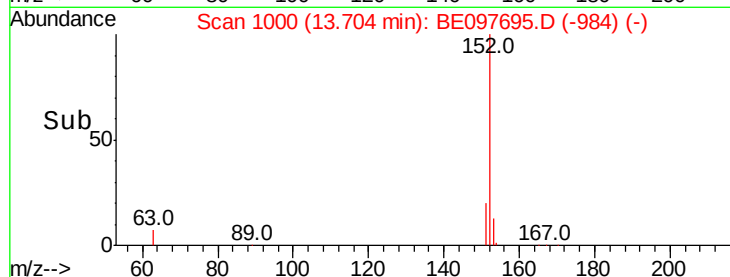
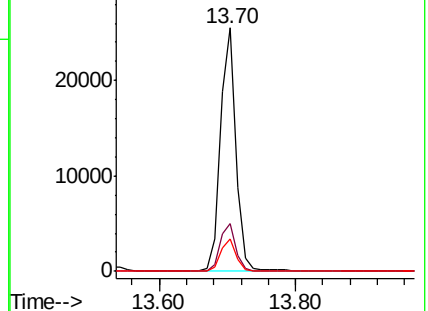
153 13.1 10.5 15.7



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: 3.608 ng

RT: 14.05 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

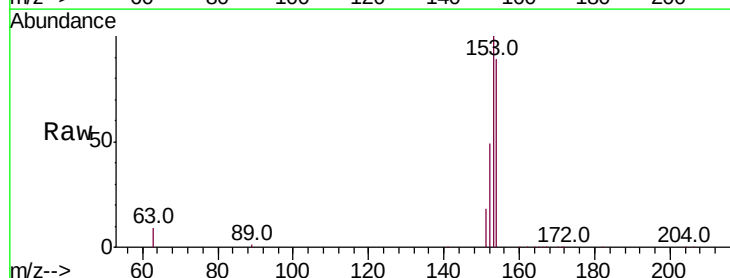
Tgt Ion:154 Resp: 25124

Ion Ratio Lower Upper

154 100

153 113.3 89.2 133.8

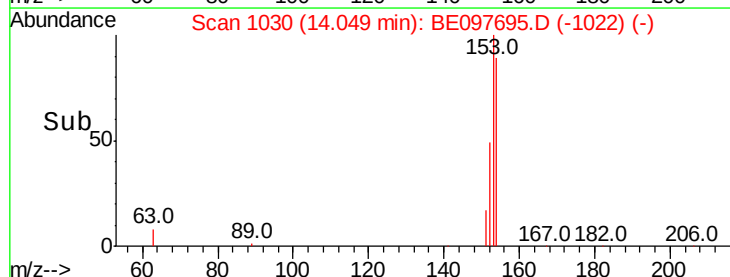
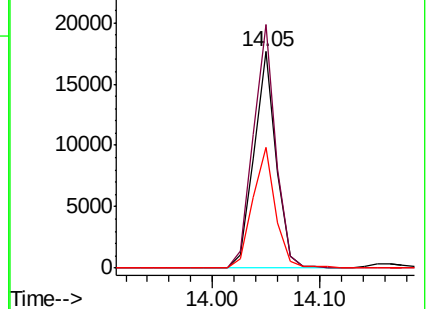
152 56.6 42.0 63.0

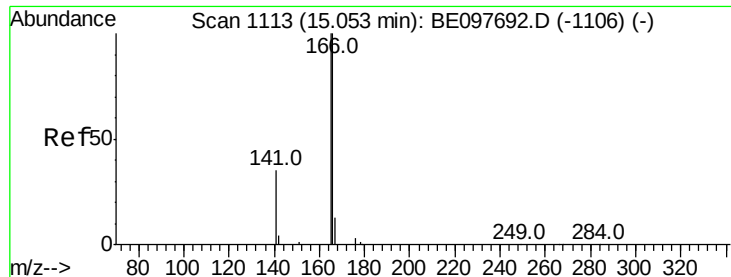


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 3.268 ng

RT: 15.04 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

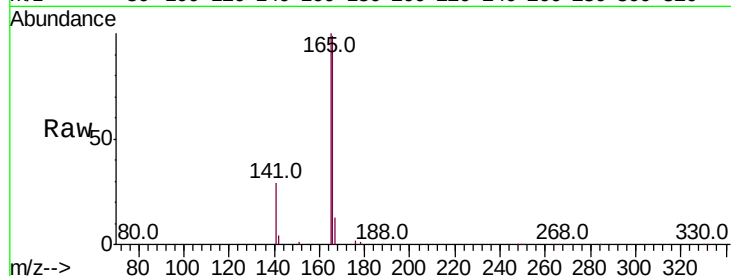
Tot Ion:166 Resp: 31999

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.6

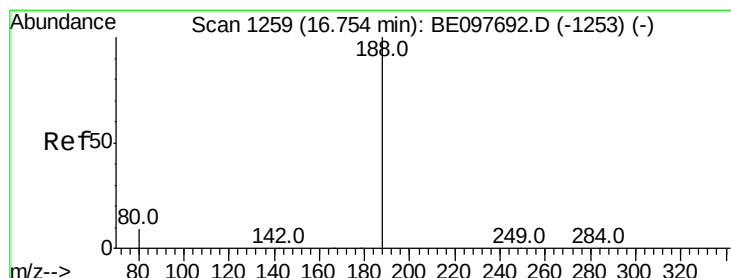
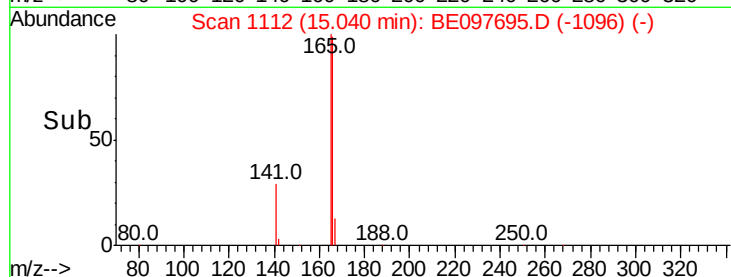
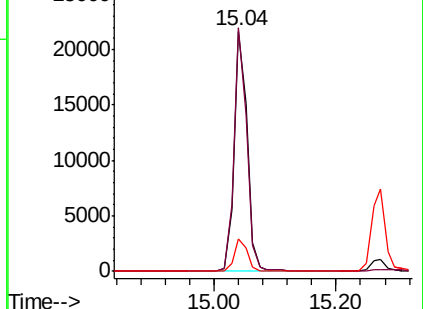
167 13.5 42.4 63.6#



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: 16.74 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

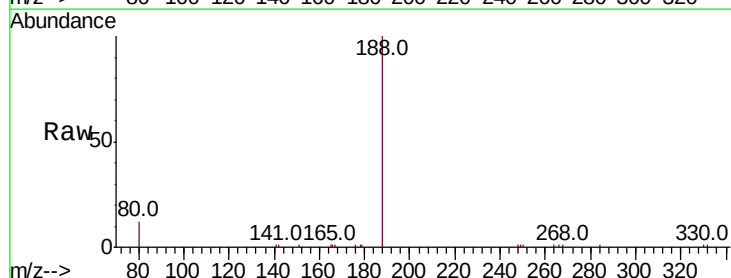
Tgt Ion:188 Resp: 6560

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

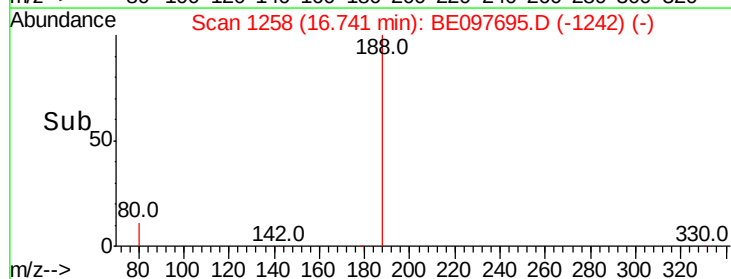
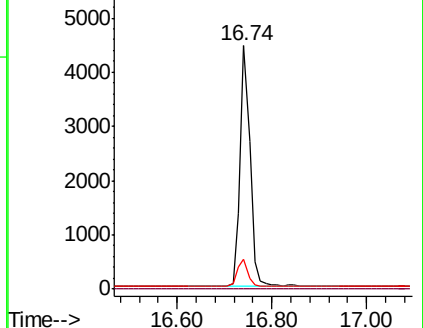
80 12.4 3.6 5.4#

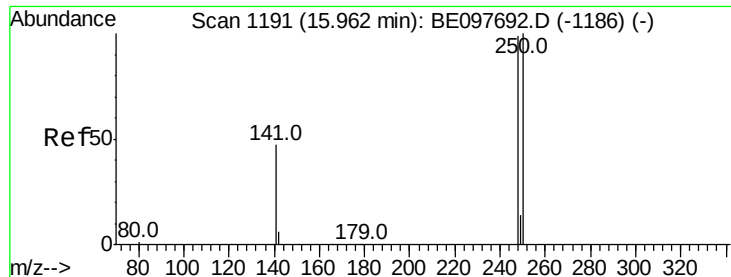


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#20

4-Bromophenyl-phenylether

Concen: 3.976 ng

RT: 15.95 min Scan# 1190

Delta R.T. -0.01 min

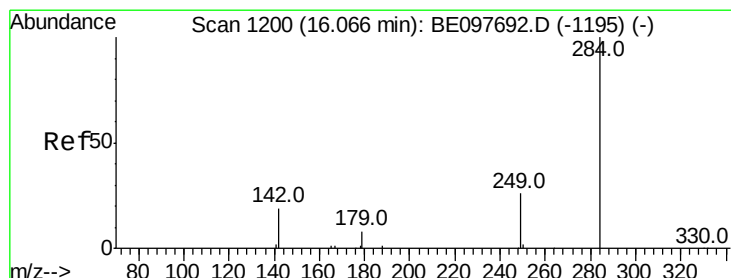
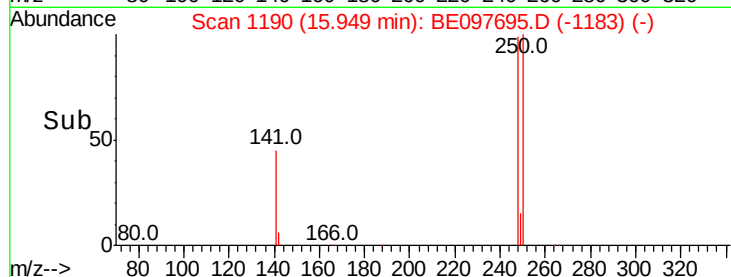
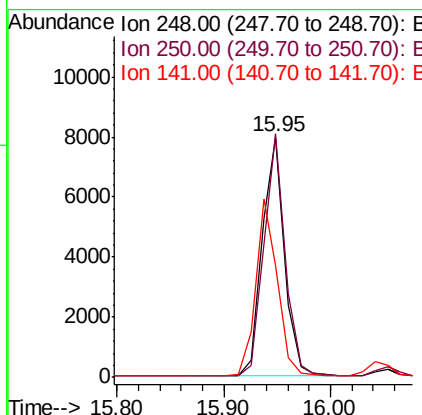
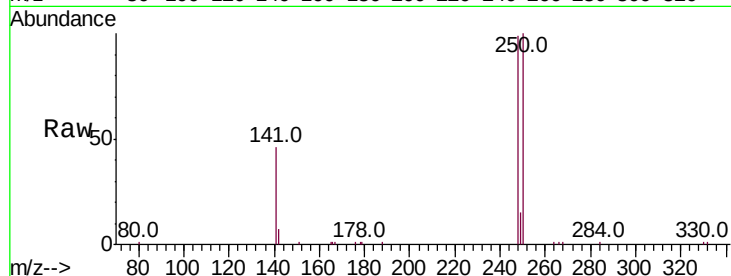
Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:248 Resp: 11561

Ion	Ratio	Lower	Upper
248	100		
250	101.5	62.7	94.1#
141	46.4	48.2	72.2#



#21

Hexachlorobenzene

Concen: 3.727 ng

RT: 16.05 min Scan# 1199

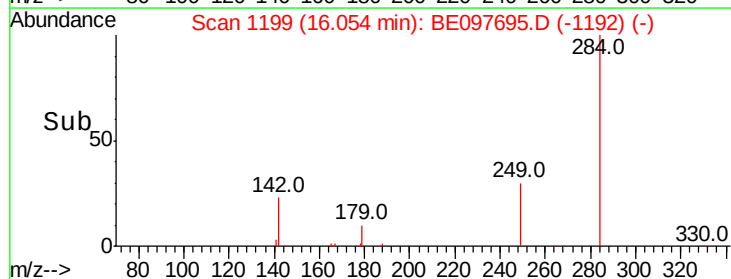
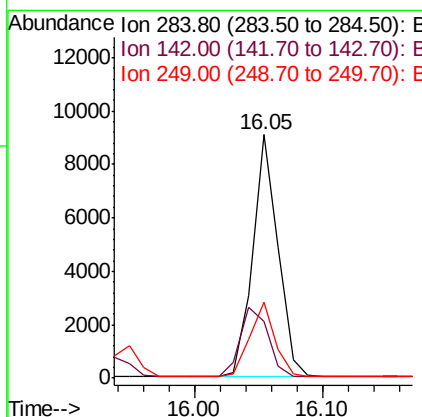
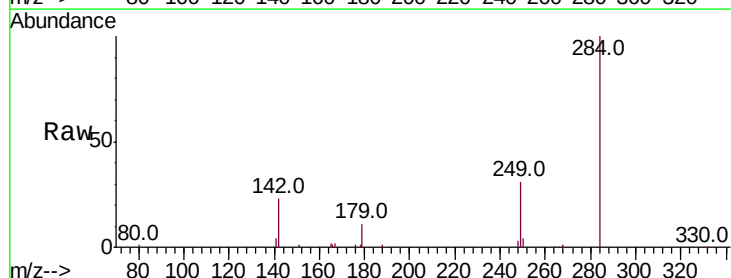
Delta R.T. -0.01 min

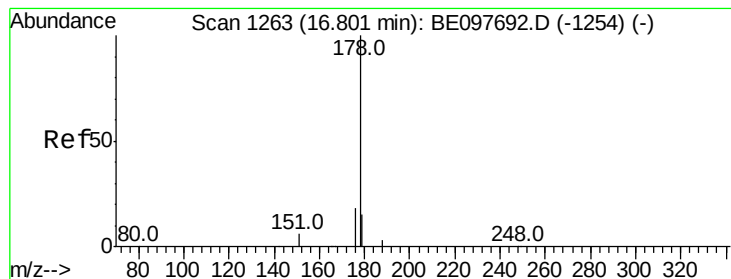
Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Tgt Ion:284 Resp: 12496

Ion	Ratio	Lower	Upper
284	100		
142	31.8	22.1	33.1
249	30.6	34.8	52.2#





#23

Phenanthrene

Concen: 3.673 ng

RT: 16.79 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

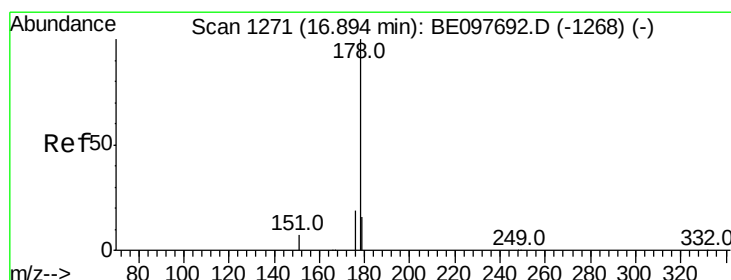
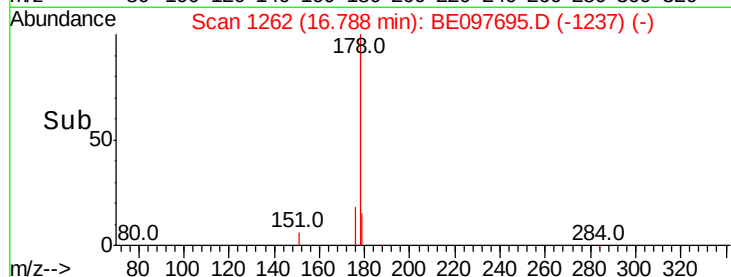
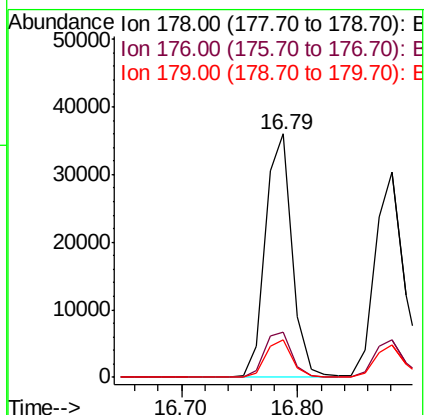
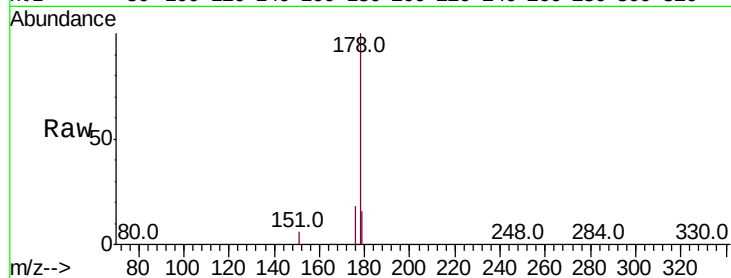
Tot Ion:178 Resp: 56988

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

179 15.2 11.8 17.6



#24

Anthracene

Concen: 4.050 ng

RT: 16.88 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

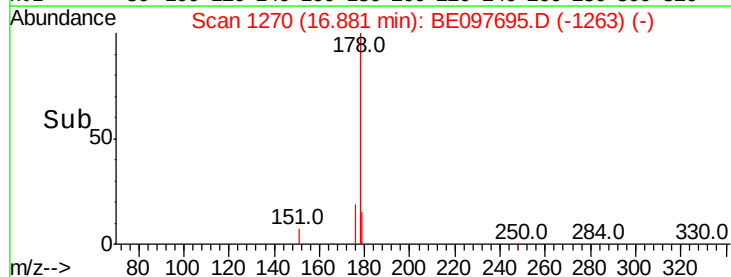
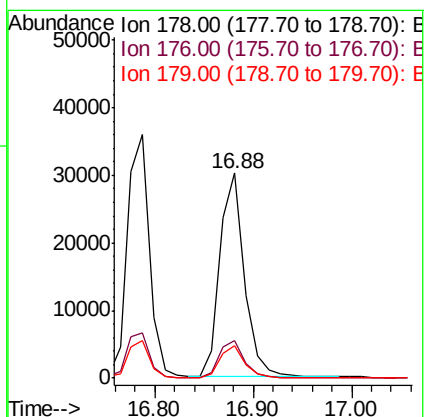
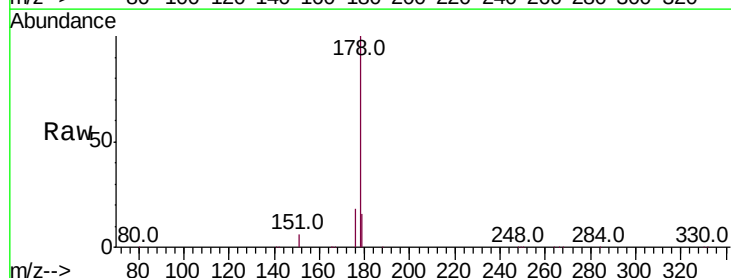
Tgt Ion:178 Resp: 52215

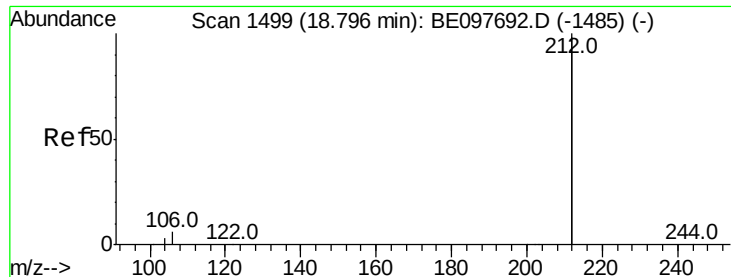
Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

179 15.3 13.0 19.6





#25

Fluoranthene-d10

Concen: 3.803 ng

RT: 18.79 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

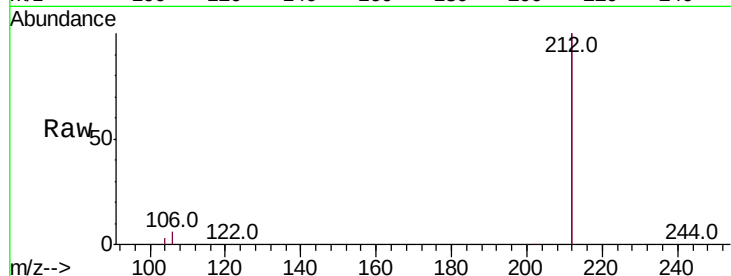
Tot Ion:212 Resp: 272002

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

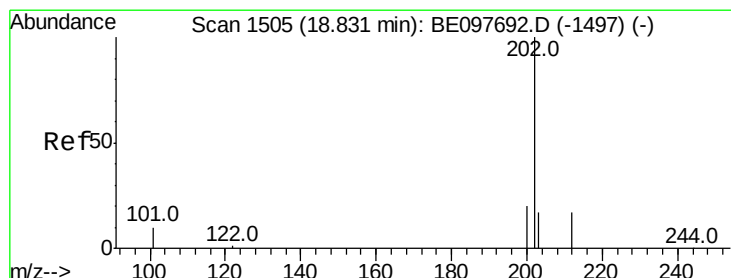
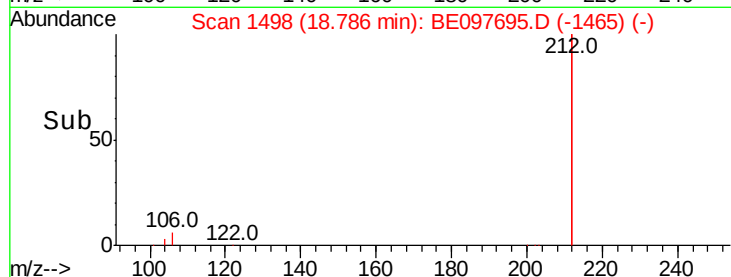
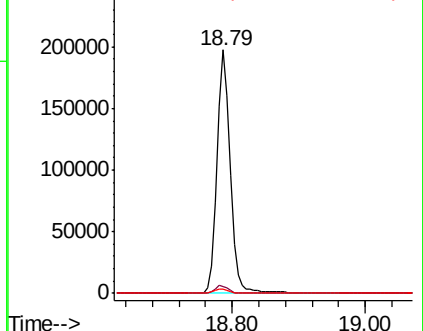
104 1.7 1.6 2.4



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: 3.908 ng

RT: 18.82 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

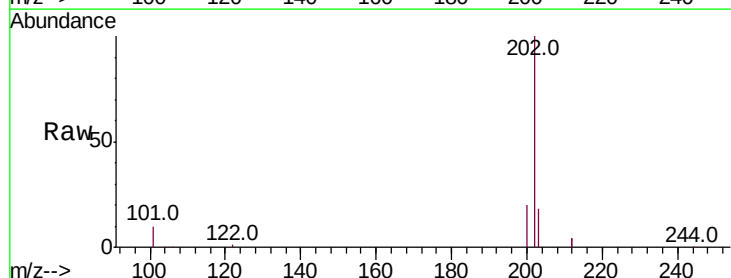
Tgt Ion:202 Resp: 72751

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

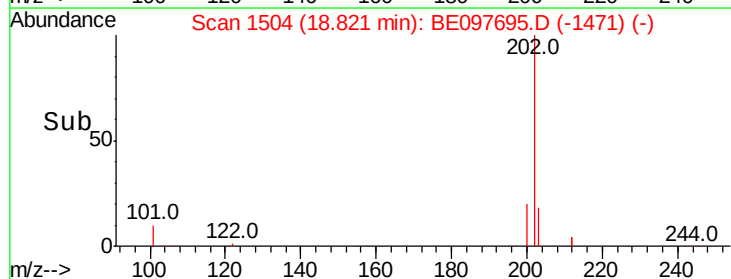
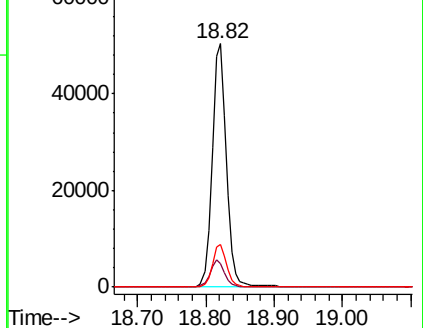
203 17.4 13.7 20.5

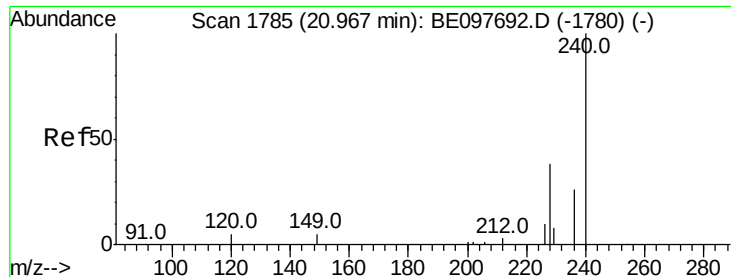


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.96 min Scan# 1785

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

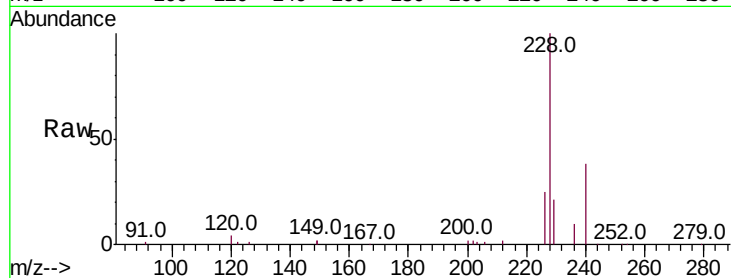
Tot Ion:240 Resp: 8686

Ion Ratio Lower Upper

240 100

120 9.9 5.5 8.3#

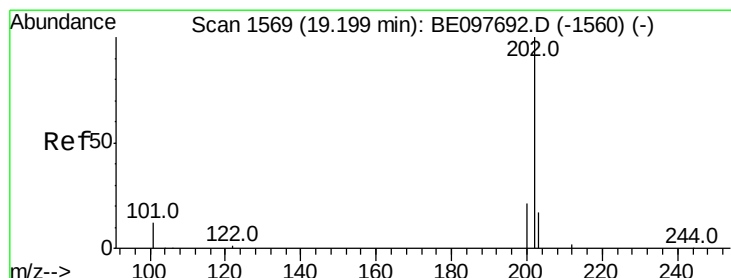
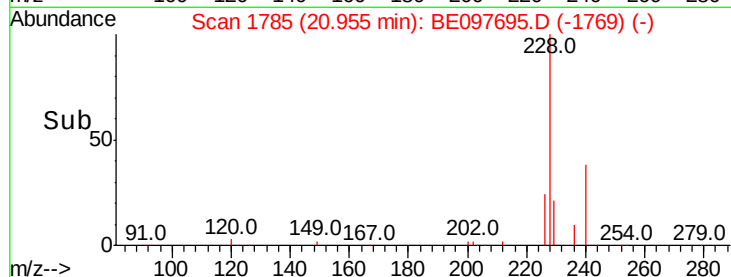
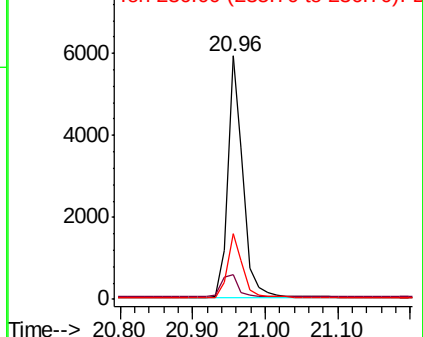
236 27.0 20.7 31.1



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: 3.244 ng

RT: 19.18 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

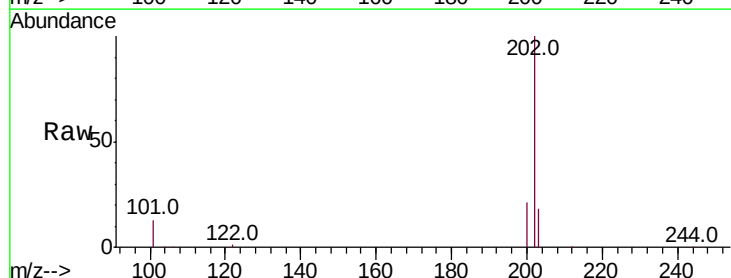
Tgt Ion:202 Resp: 73553

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

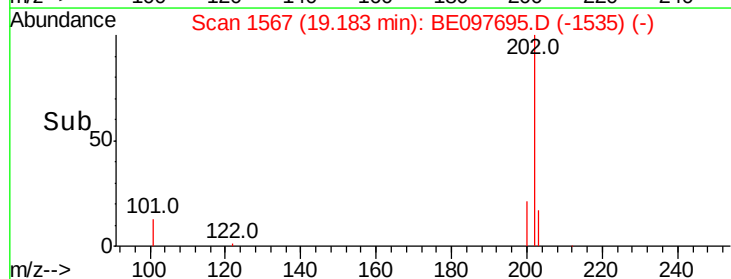
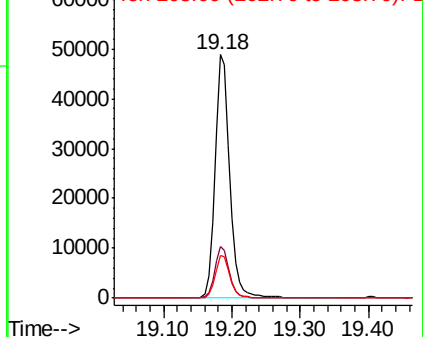
203 17.5 13.8 20.8

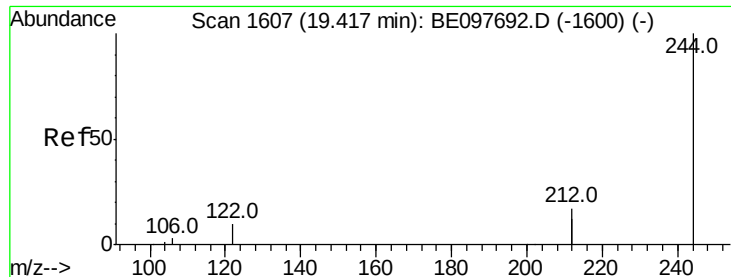


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.385 ng

RT: 19.41 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampled :

SSTDICC3.2

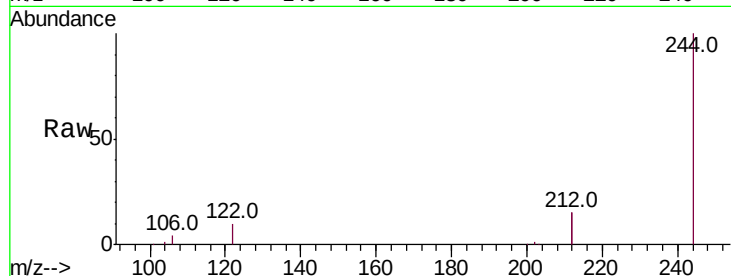
Tot Ion:244 Resp: 57877

Ion Ratio Lower Upper

244 100

212 29.9 25.4 38.0

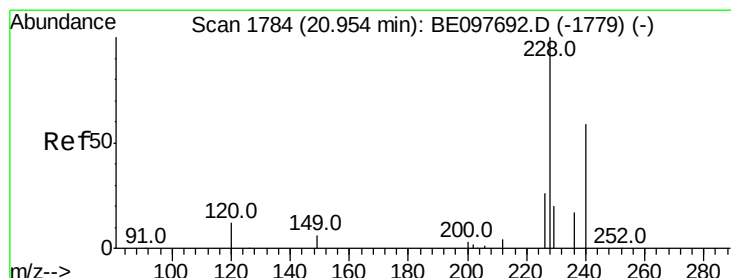
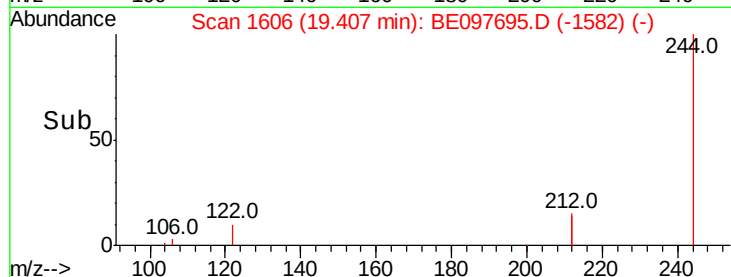
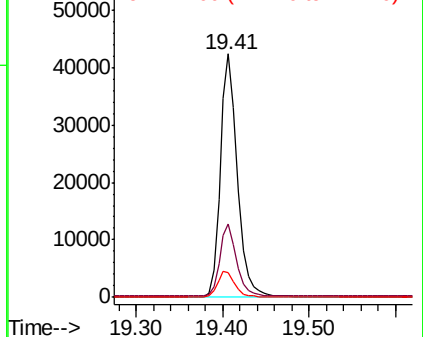
122 10.1 8.1 12.1



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: 3.795 ng

RT: 20.94 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

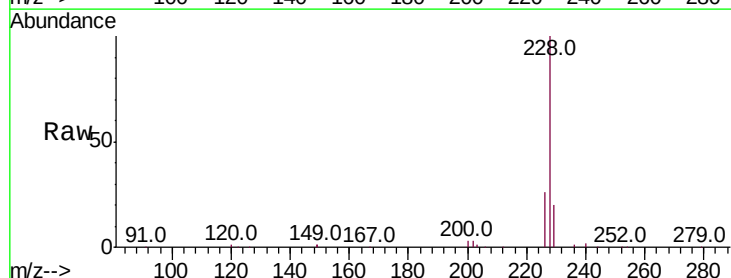
Tgt Ion:228 Resp: 77871

Ion Ratio Lower Upper

228 100

226 26.4 24.0 36.0

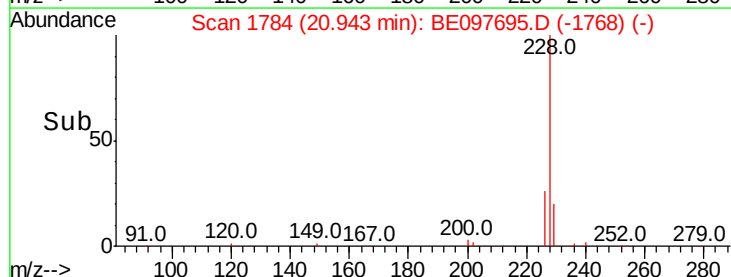
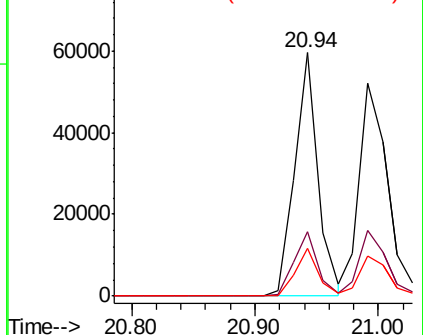
229 19.7 16.0 24.0

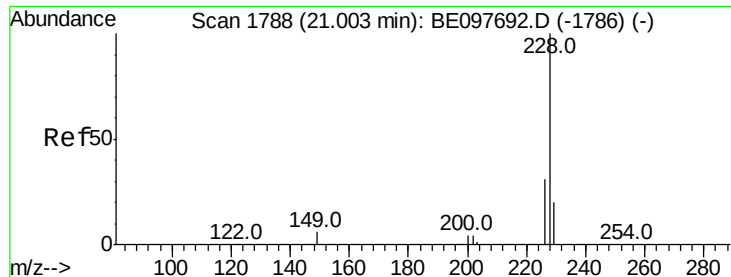


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.435 ng

RT: 20.99 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

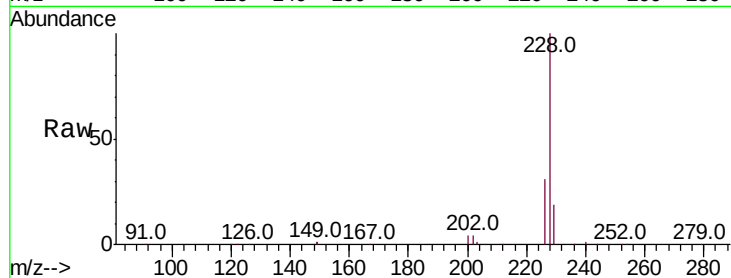
Tot Ion:228 Resp: 82501

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

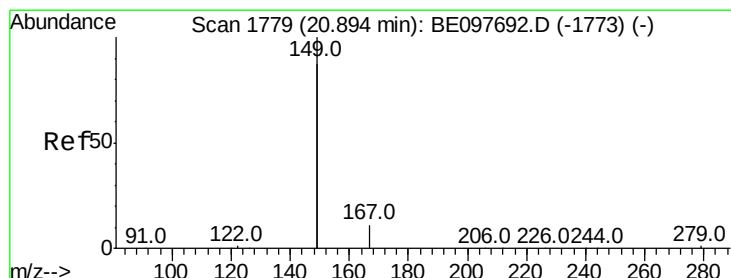
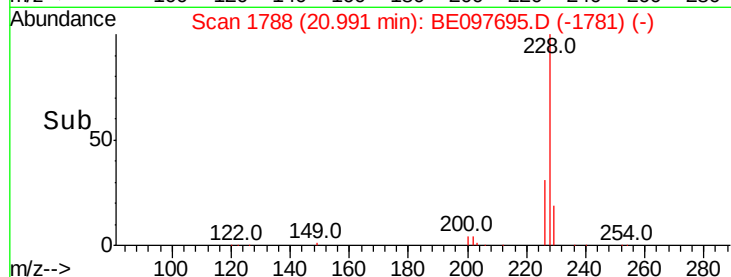
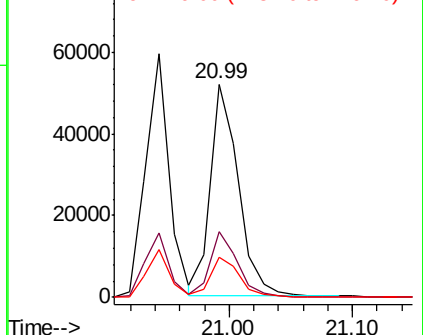
229 19.0 16.0 24.0



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: 4.498 ng

RT: 20.89 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

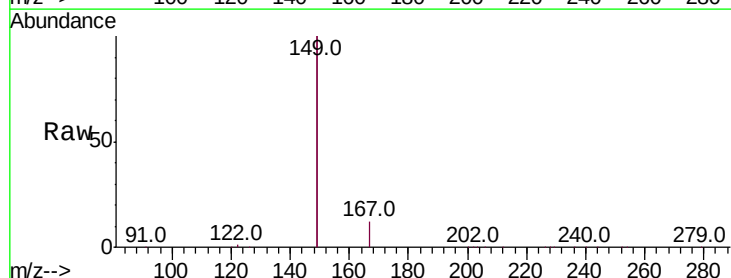
Tgt Ion:149 Resp: 105448

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.0

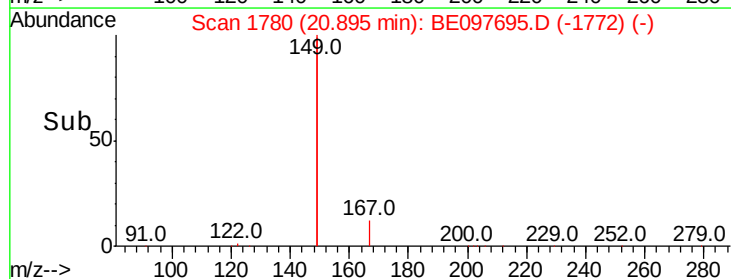
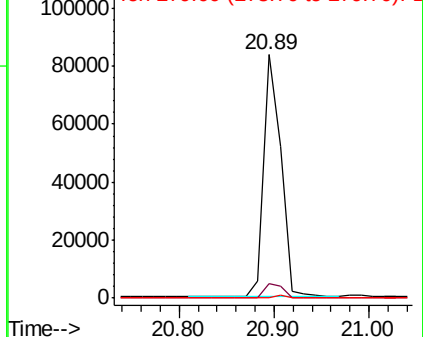
279 1.1 0.7 1.1

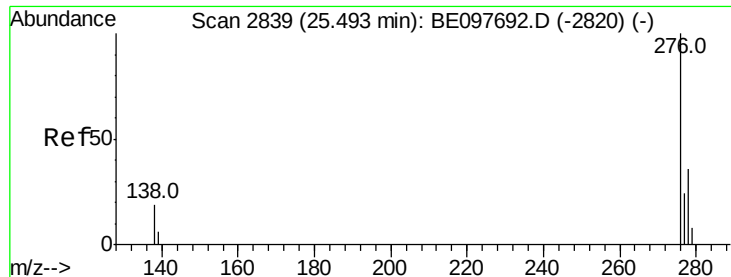


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.481 ng

RT: 25.47 min Scan# 2835

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

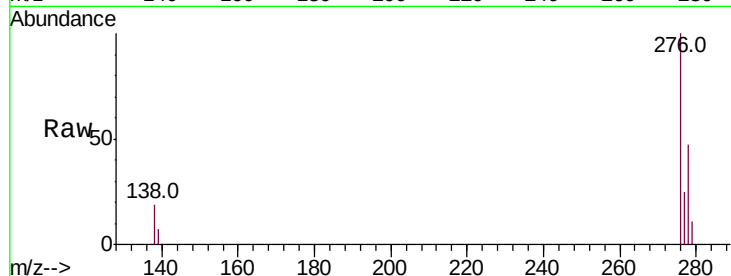
Tot Ion:276 Resp: 88102

Ion Ratio Lower Upper

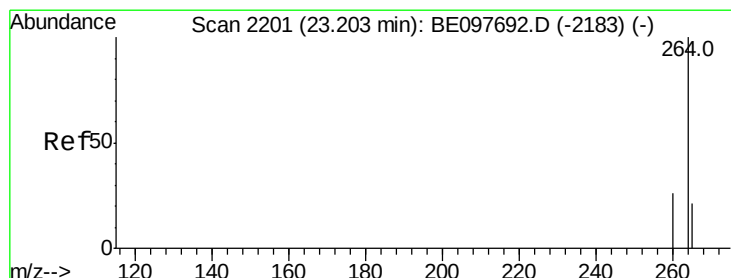
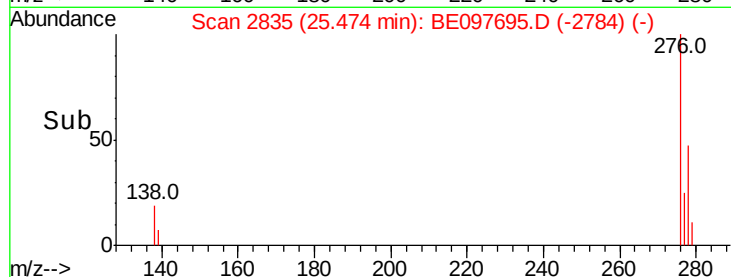
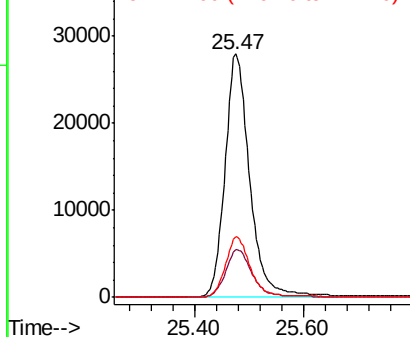
276 100

138 21.0 22.5 33.7#

277 25.1 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: 23.20 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

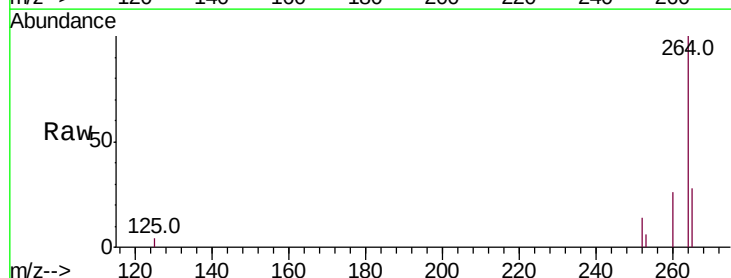
Tgt Ion:264 Resp: 7176

Ion Ratio Lower Upper

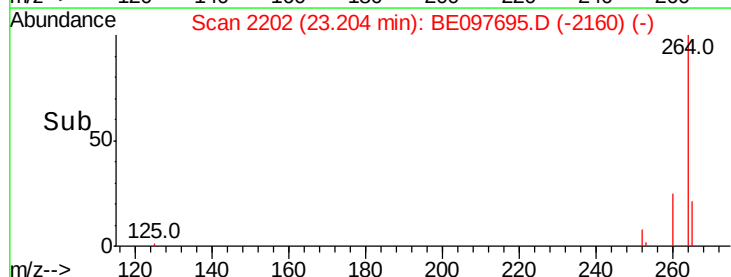
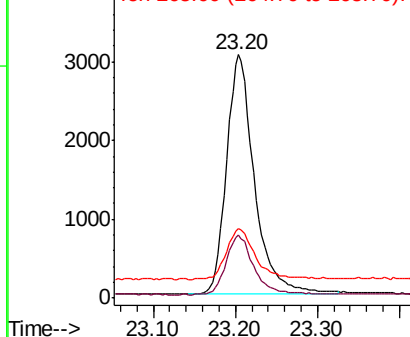
264 100

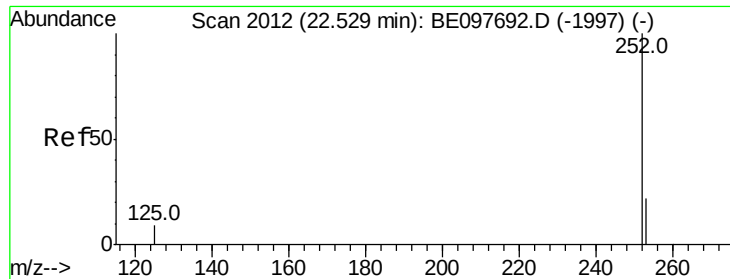
260 25.7 20.5 30.7

265 28.4 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: 3.994 ng

RT: 22.52 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

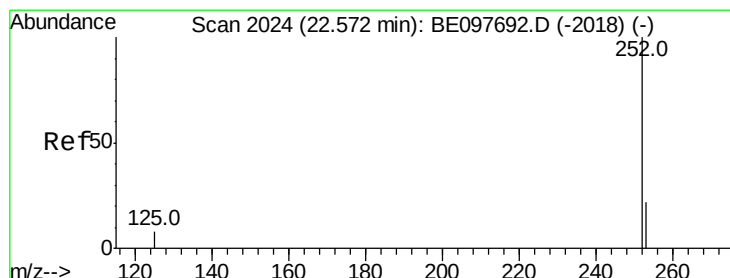
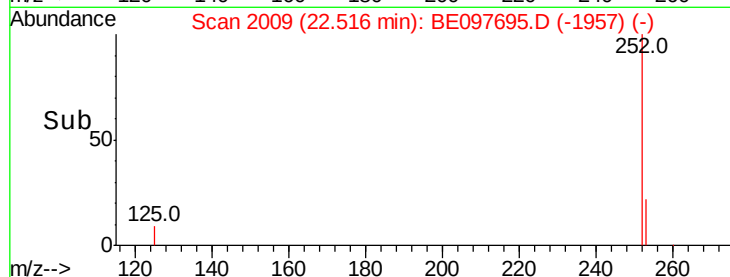
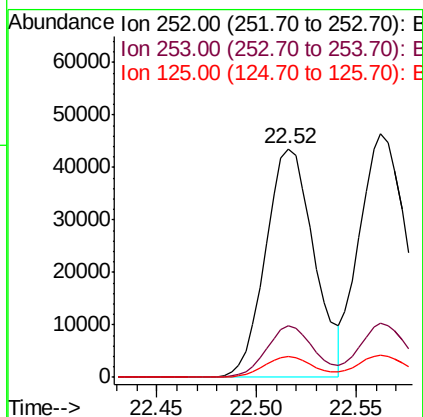
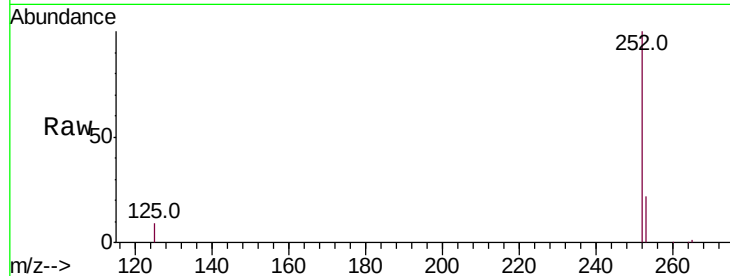
Tot Ion:252 Resp: 73268

Ion Ratio Lower Upper

252 100

253 22.3 20.0 30.0

125 9.0 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 3.735 ng

RT: 22.56 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

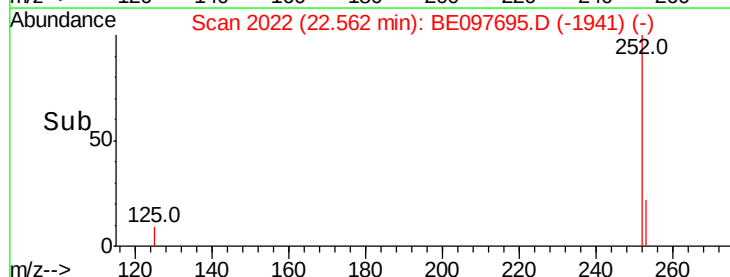
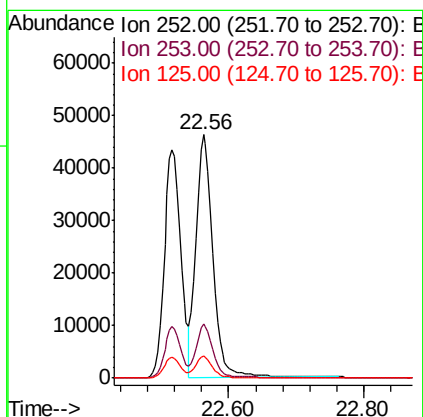
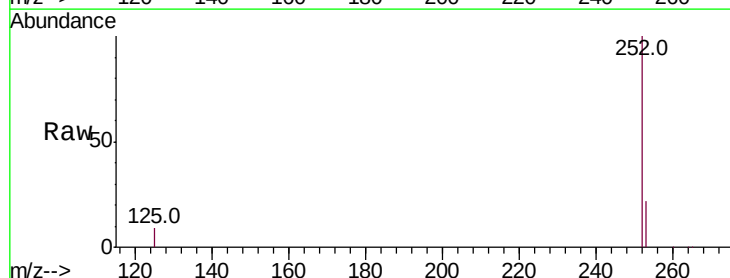
Tgt Ion:252 Resp: 81102

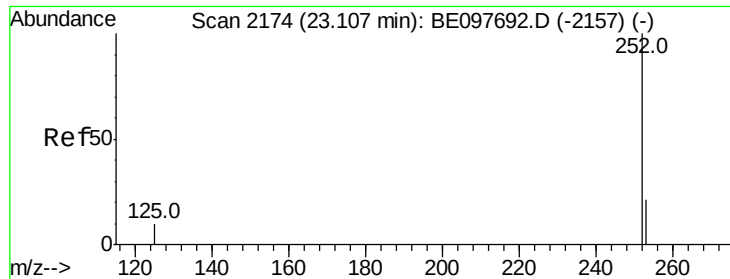
Ion Ratio Lower Upper

252 100

253 22.1 16.0 24.0

125 9.1 8.0 12.0





#37

Benzo(a)pyrene

Concen: 3.787 ng

RT: 23.09 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

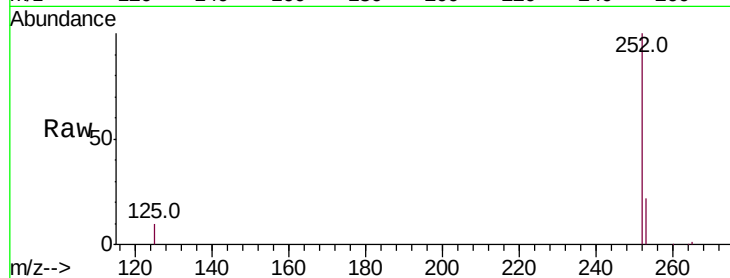
Tot Ion:252 Resp: 68612

Ion Ratio Lower Upper

252 100

253 21.9 16.0 24.0

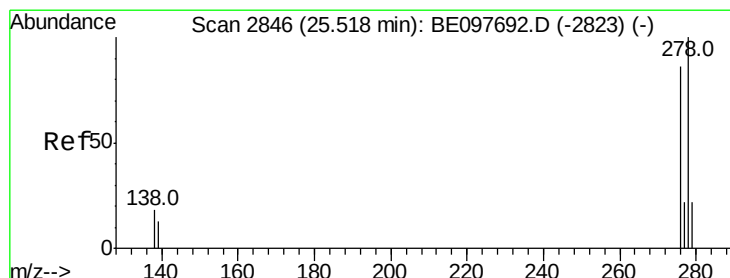
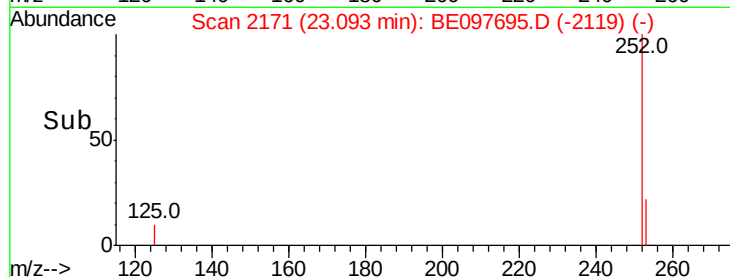
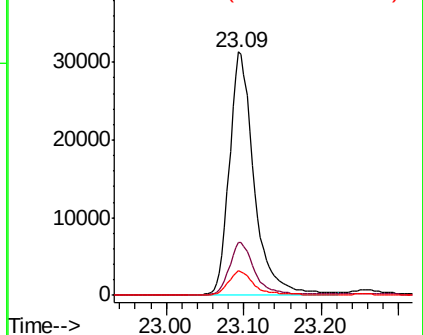
125 10.1 12.0 18.0#



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: 3.940 ng

RT: 25.49 min Scan# 2840

Delta R.T. -0.03 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

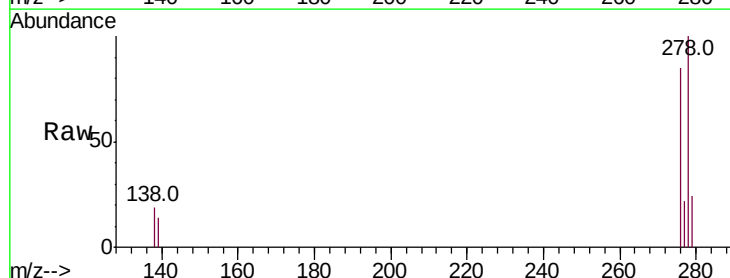
Tgt Ion:278 Resp: 75077

Ion Ratio Lower Upper

278 100

139 13.7 16.0 24.0#

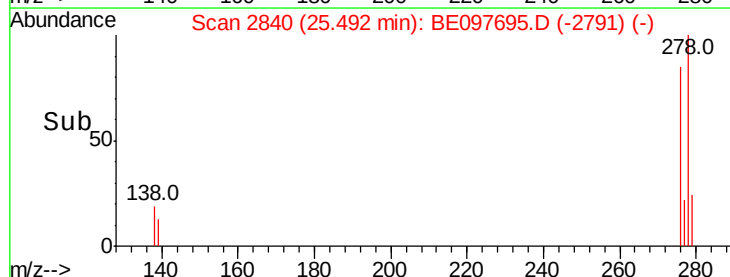
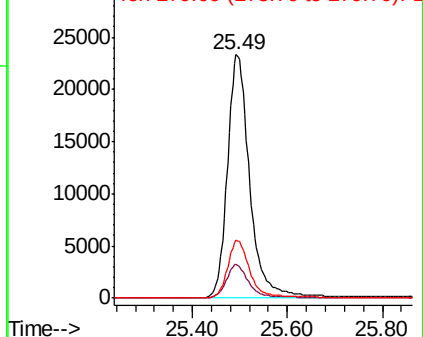
279 23.8 20.0 30.0

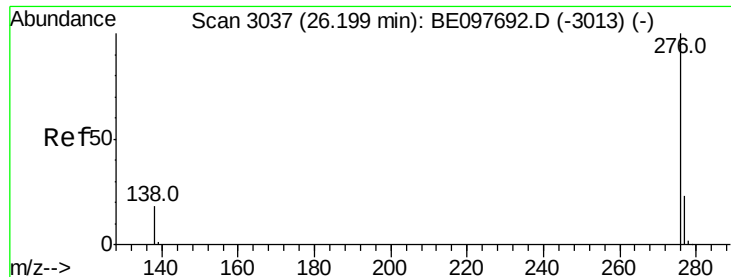


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 3.868 ng

RT: 26.18 min Scan# 3032

Delta R.T. -0.02 min

Lab File: BE097695.D

Acq: 27 Sep 2018 14:56

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

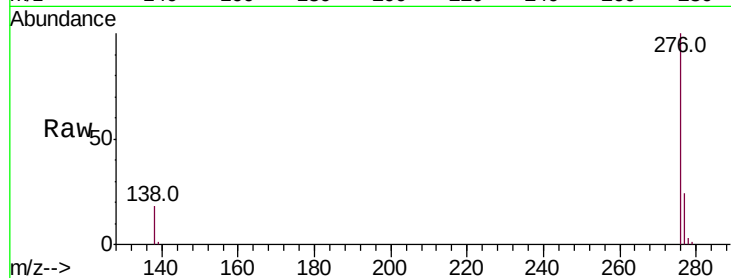
Tot Ion:276 Resp: 73316

Ion Ratio Lower Upper

276 100

277 23.9 16.0 24.0

138 18.3 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

