

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092018\
 Data File : BE097607.D
 Acq On : 21 Sep 2018 12:19
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Sep 21 13:26:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 10:54:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	960	0.40	ng	-0.01
7) Naphthalene-d8	10.12	136	4748	0.40	ng	-0.01
13) Acenaphthene-d10	14.00	164	3420	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	10347	0.40	ng	0.00
27) Chrysene-d12	20.97	240	11641	0.40	ng	0.00
34) Perylene-d12	23.20	264	11503	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	1046	0.36	ng	0.00
5) Phenol-d6	6.60	99	1405	0.38	ng	-0.01
8) Nitrobenzene-d5	8.53	82	1327	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2870	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	615	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.62	172	4399	0.36	ng	0.00
25) Fluoranthene-d10	18.80	212	43702	0.33	ng	0.00
29) Terphenyl-d14	19.42	244	8749	0.41	ng	0.00

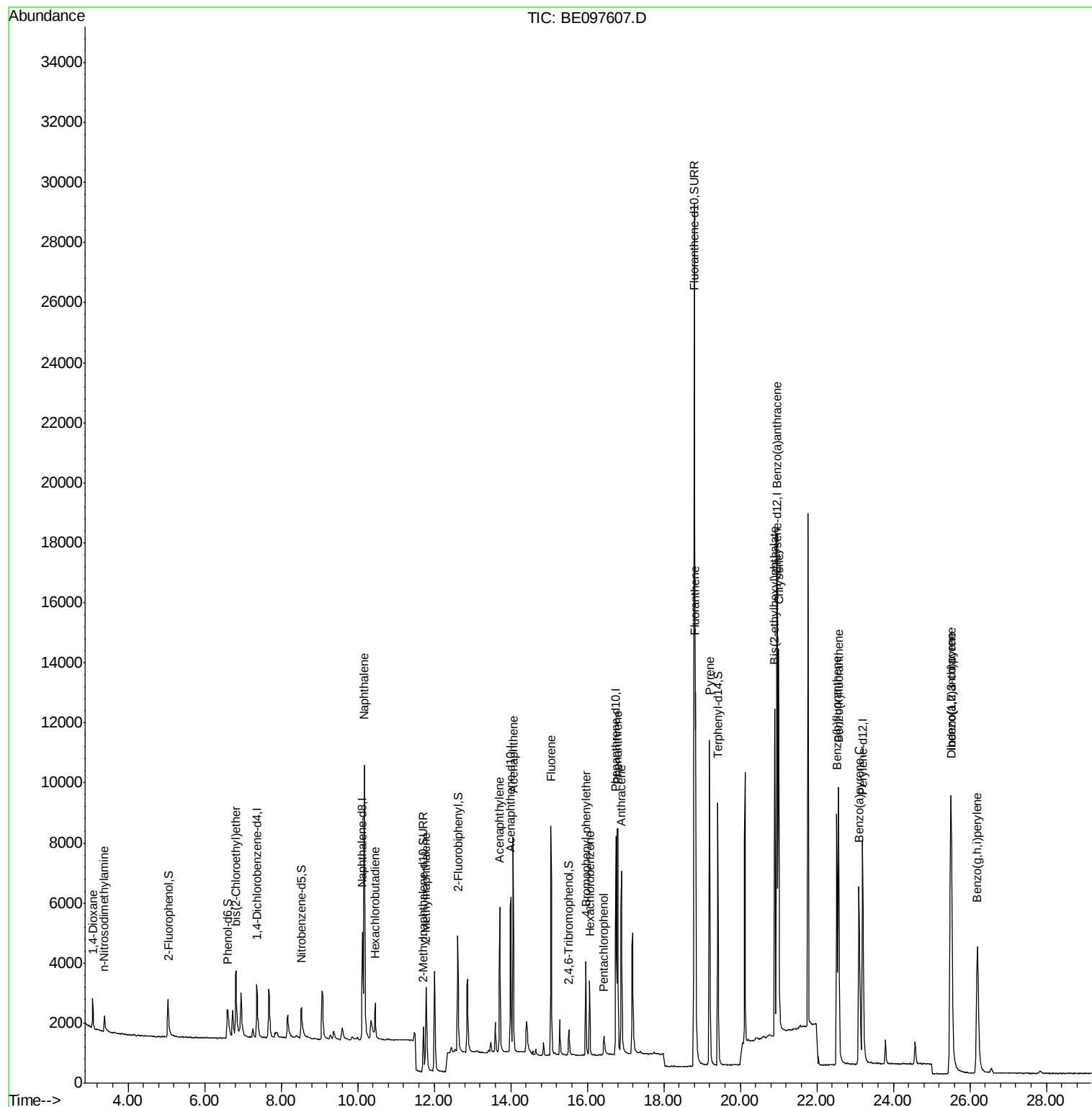
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	572	0.343	ng	# 85
3) n-Nitrosodimethylamine	3.37	42	441	0.320	ng	90
6) bis(2-Chloroethyl)ether	6.83	93	1289	0.378	ng	76
9) Naphthalene	10.17	128	17371	0.406	ng	100
10) Hexachlorobutadiene	10.46	225	785	0.398	ng	96
12) 2-Methylnaphthalene	11.79	142	2856	0.428	ng	98
16) Acenaphthylene	13.71	152	5435	0.402	ng	99
17) Acenaphthene	14.06	154	3572	0.394	ng	95
18) Fluorene	15.05	166	4922	0.417	ng	# 80
20) 4-Bromophenyl-phenylether	15.96	248	1799	0.386	ng	# 81
21) Hexachlorobenzene	16.07	284	2090	0.408	ng	# 85
22) Pentachlorophenol	16.44	266	534	0.362	ng	# 76
23) Phenanthrene	16.80	178	9616	0.391	ng	99
24) Anthracene	16.89	178	8137	0.375	ng	96
26) Fluoranthene	18.83	202	11399	0.334	ng	99
28) Pyrene	19.19	202	11646	0.440	ng	99
30) Benzo(a)anthracene	20.95	228	11004	0.375	ng	95
31) Chrysene	21.00	228	12225	0.389	ng	100
32) Bis(2-ethylhexyl)phthalate	20.89	149	15744	0.330	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	14799	0.391	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	10749	0.364	ng	# 88
36) Benzo(k)fluoranthene	22.57	252	13205	0.392	ng	95
37) Benzo(a)pyrene	23.10	252	10946	0.384	ng	# 91
38) Dibenzo(a,h)anthracene	25.52	278	12273	0.397	ng	# 95
39) Benzo(g,h,i)perylene	26.20	276	11821	0.393	ng	# 89

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

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Misc :
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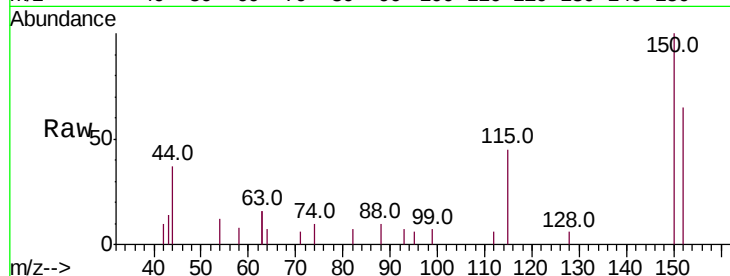


#1

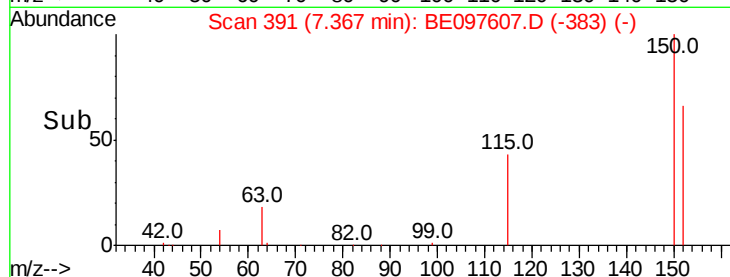
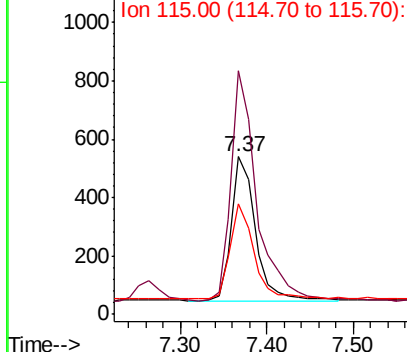
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 960
Ion Ratio Lower Upper
152 100
150 154.4 117.2 175.8
115 69.8 57.0 85.6



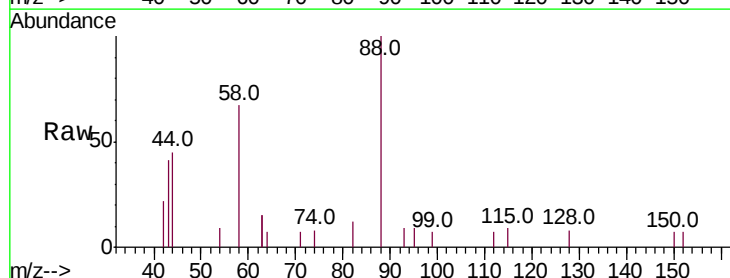
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



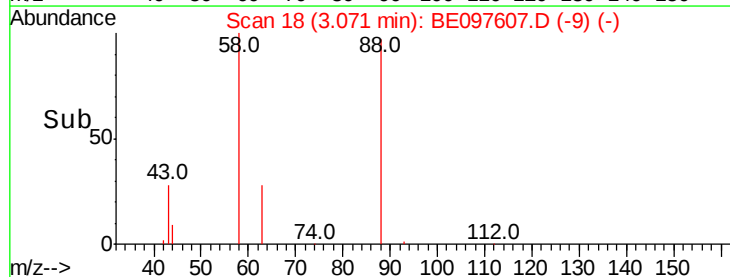
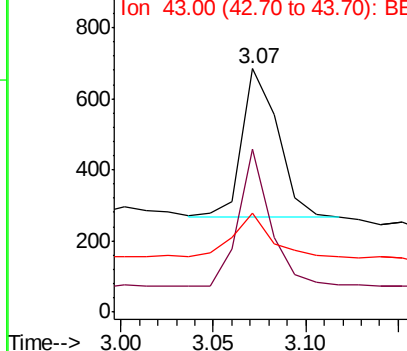
#2

1,4-Dioxane
Concen: 0.343 ng
RT: 3.07 min Scan# 18
Delta R.T. 0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion: 88 Resp: 572
Ion Ratio Lower Upper
88 100
58 83.0 63.2 94.8
43 30.1 41.2 61.8#



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



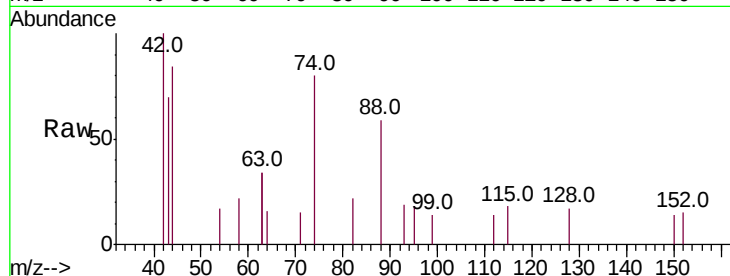


#3

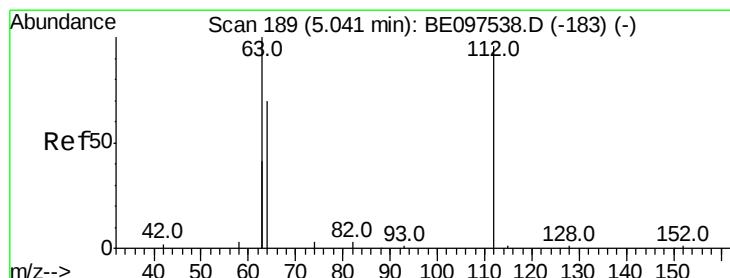
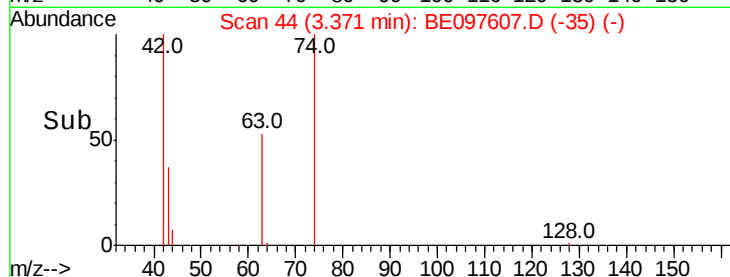
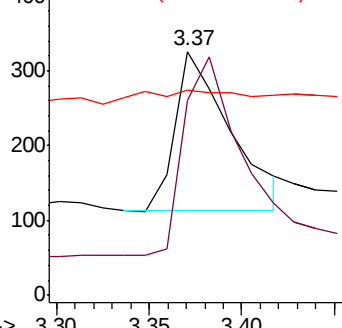
n-Nitrosodimethylamine
 Concen: 0.320 ng
 RT: 3.37 min Scan# 44
 Delta R.T. 0.00 min
 Lab File: BE097607.D
 Acq: 21 Sep 2018 12:19

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion: 42 Resp: 441
 Ion Ratio Lower Upper
 42 100
 74 132.2 96.0 144.0
 44 15.9 12.0 18.0



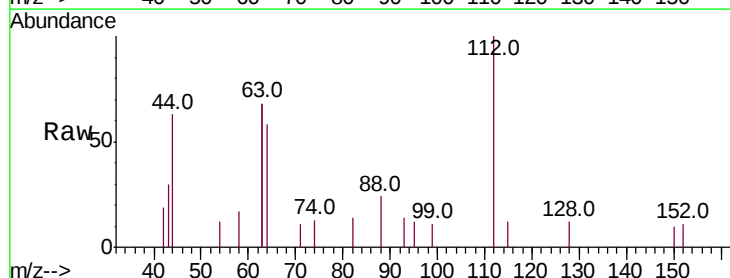
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



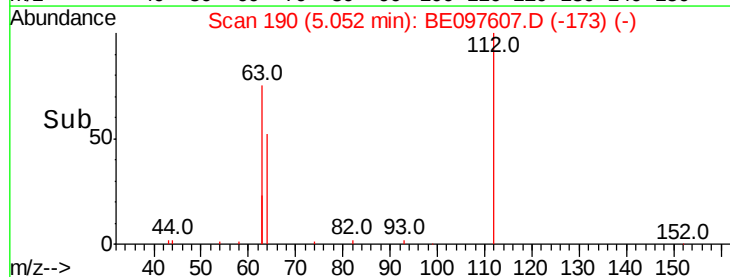
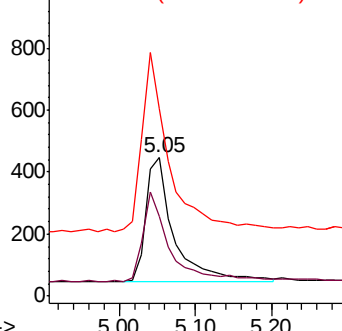
#4

2-Fluorophenol
 Concen: 0.364 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE097607.D
 Acq: 21 Sep 2018 12:19

Tgt Ion: 112 Resp: 1046
 Ion Ratio Lower Upper
 112 100
 64 67.6 60.1 90.1
 63 138.4 116.8 175.2



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: 0.382 ng

RT: 6.60 min Scan# 324

Delta R.T. -0.01 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

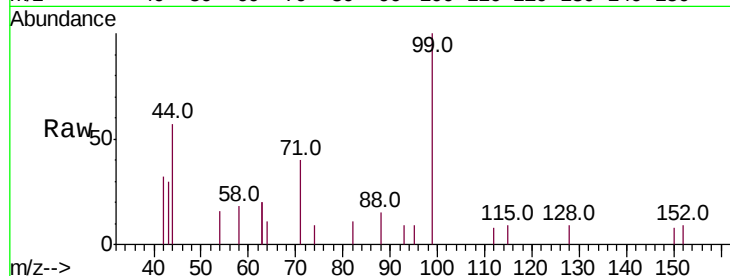
Tot Ion: 99 Resp: 1405

Ion Ratio Lower Upper

99 100

42 18.4 20.2 30.2#

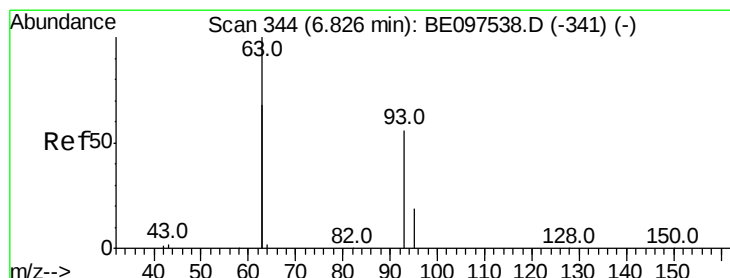
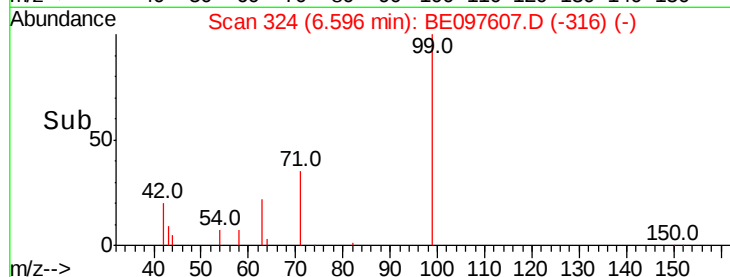
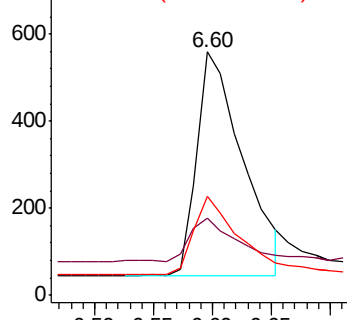
71 33.8 28.4 42.6



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: 0.378 ng

RT: 6.83 min Scan# 344

Delta R.T. 0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

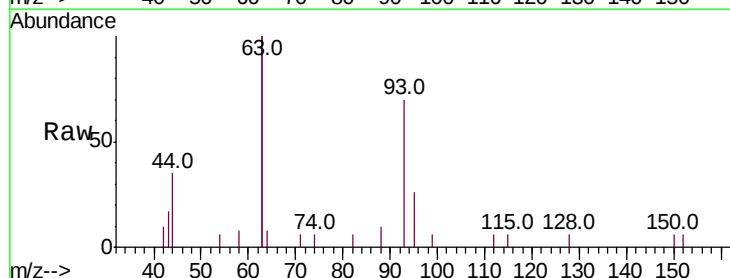
Tgt Ion: 93 Resp: 1289

Ion Ratio Lower Upper

93 100

63 287.4 275.3 412.9

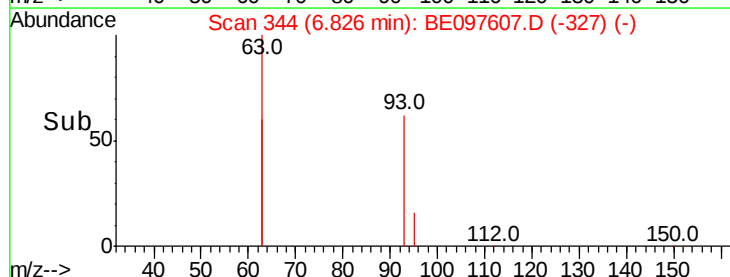
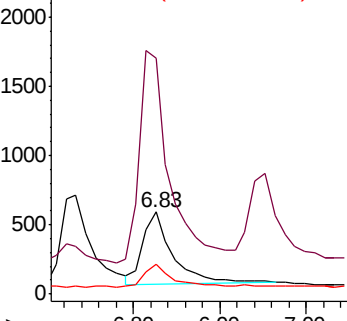
95 30.8 25.2 37.8



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.12 min Scan# 611

Delta R.T. -0.01 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 4748

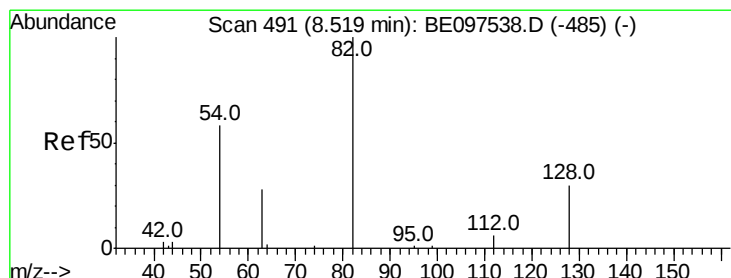
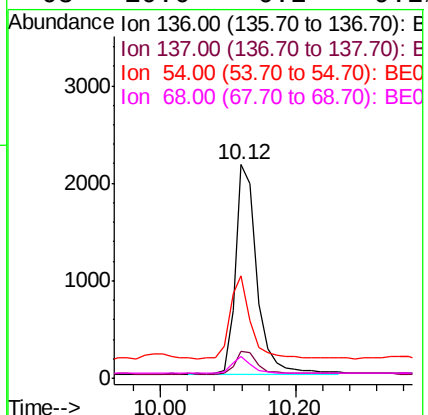
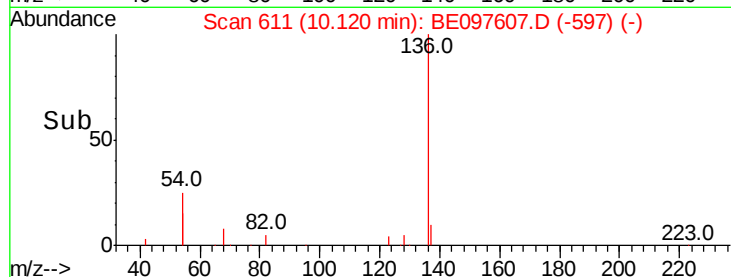
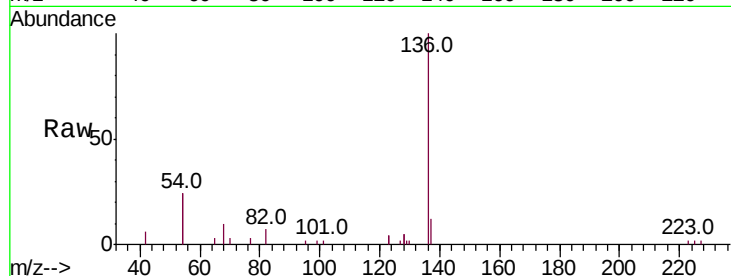
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 48.0 29.1 43.7#

68 10.0 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.362 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

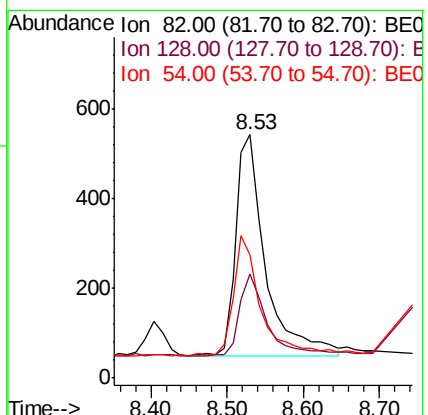
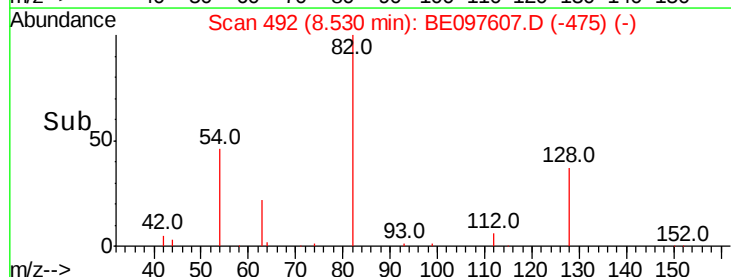
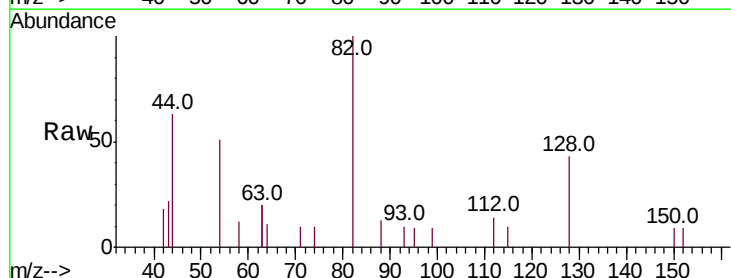
Tgt Ion: 82 Resp: 1327

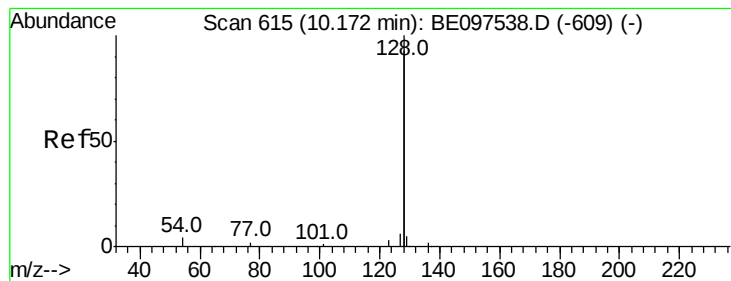
Ion Ratio Lower Upper

82 100

128 42.8 24.0 36.0#

54 50.9 40.0 60.0





#9

Naphthalene

Concen: 0.406 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

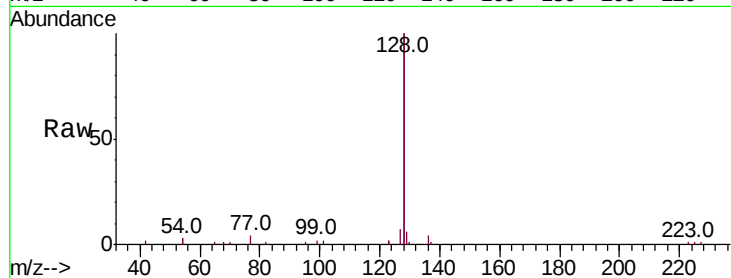
Tot Ion:128 Resp: 17371

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

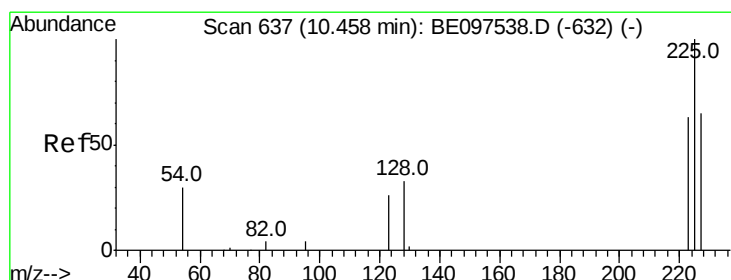
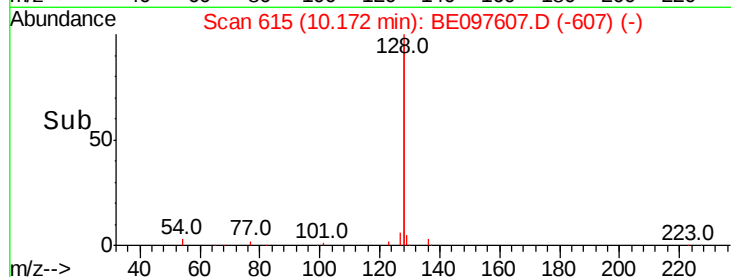
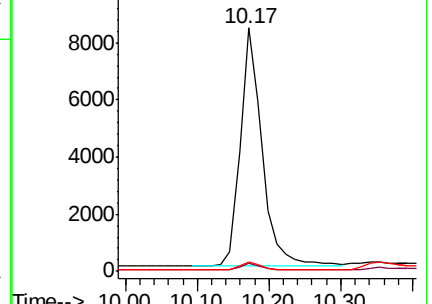
127 3.6 2.8 4.2



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: 0.398 ng

RT: 10.46 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

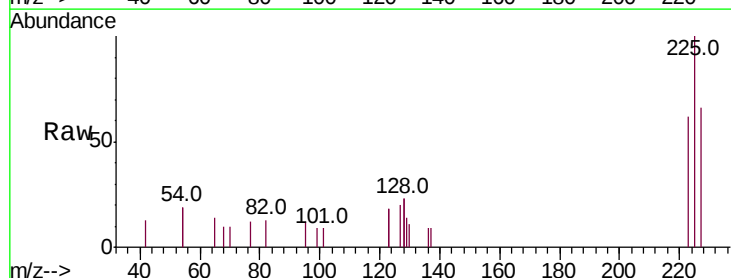
Tgt Ion:225 Resp: 785

Ion Ratio Lower Upper

225 100

223 61.0 53.0 79.6

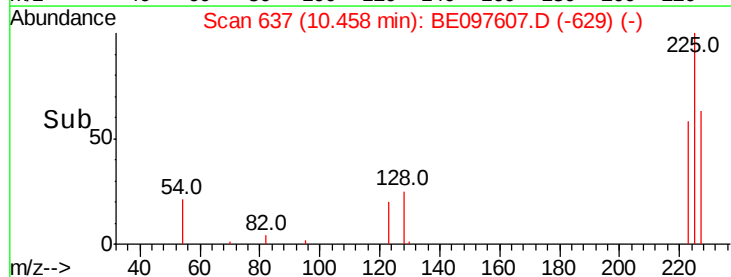
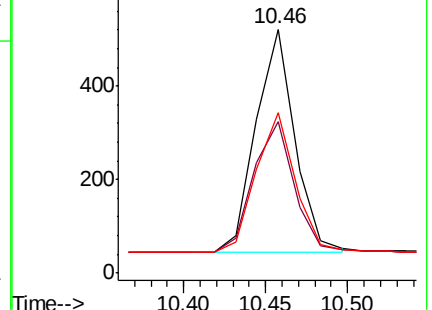
227 63.6 51.4 77.2

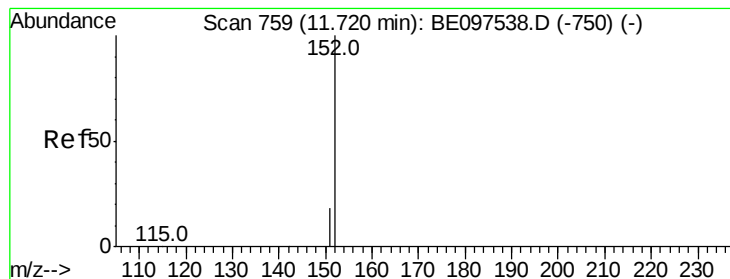


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.439 ng

RT: 11.72 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

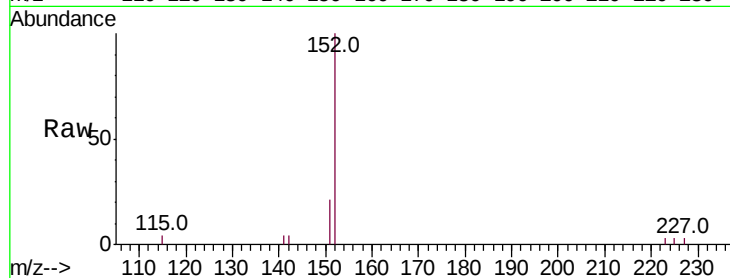
SSTDCCC0.4EC

Tot Ion:152 Resp: 2870

Ion Ratio Lower Upper

152 100

151 18.4 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

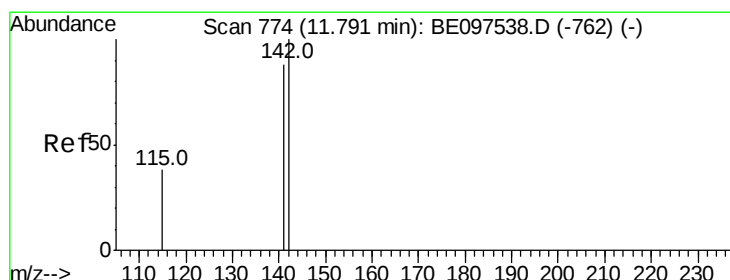
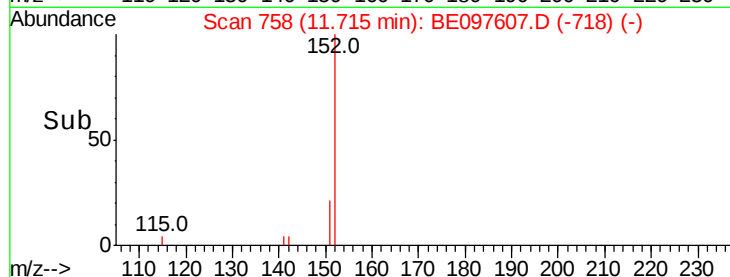
1000

500

0

Time-->

11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.428 ng

RT: 11.79 min Scan# 774

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

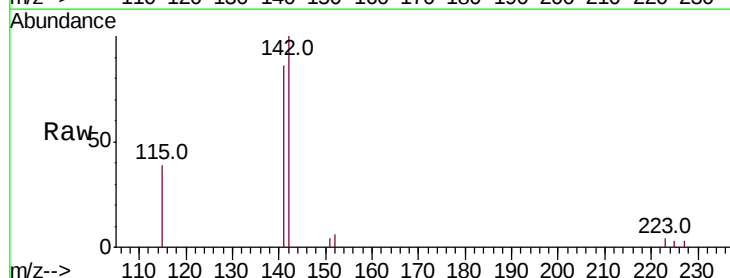
Tgt Ion:142 Resp: 2856

Ion Ratio Lower Upper

142 100

141 85.6 70.4 105.6

115 39.1 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

11.79

1500

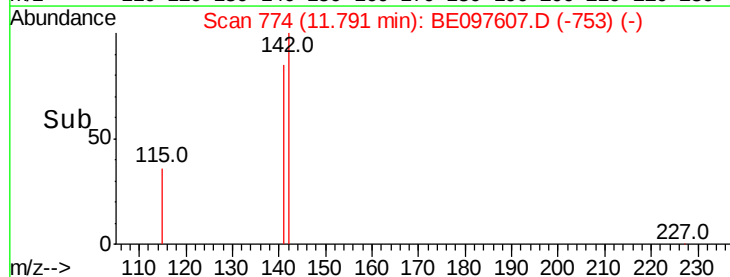
1000

500

0

Time-->

11.70 11.80





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

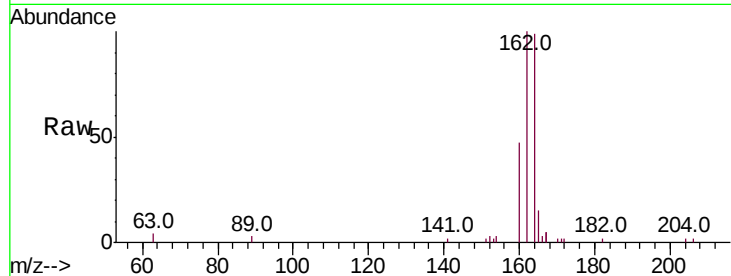
Tot Ion:164 Resp: 3420

Ion Ratio Lower Upper

164 100

162 100.8 83.1 124.7

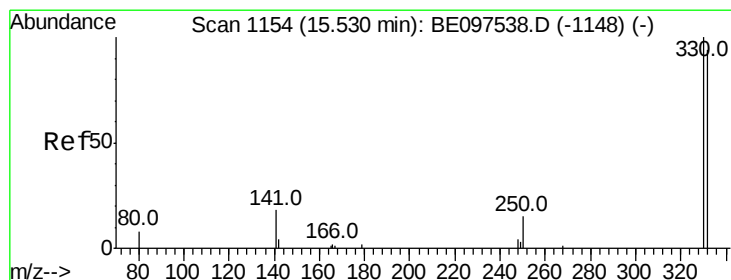
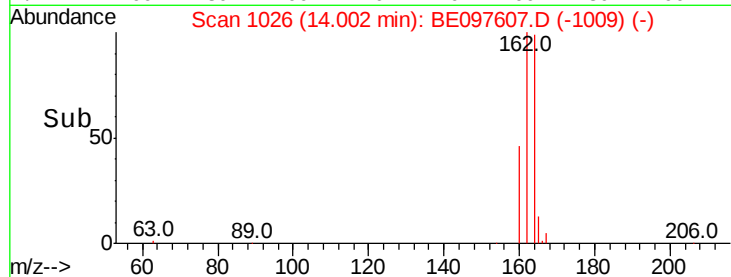
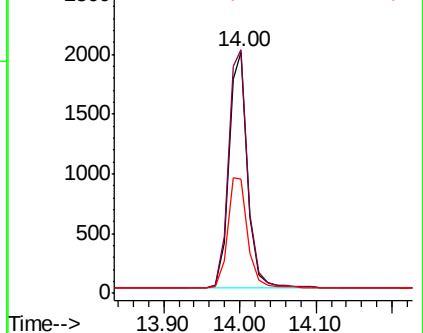
160 47.3 37.1 55.7



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: 0.461 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

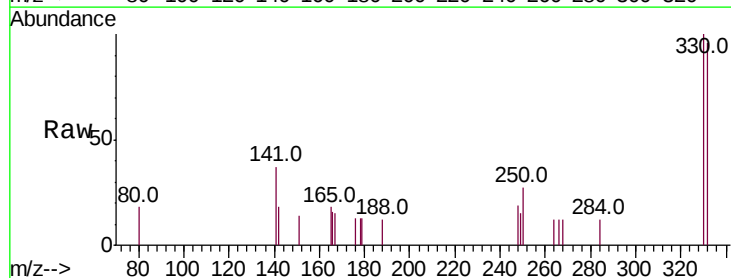
Tgt Ion:330 Resp: 615

Ion Ratio Lower Upper

330 100

332 96.1 152.7 229.1#

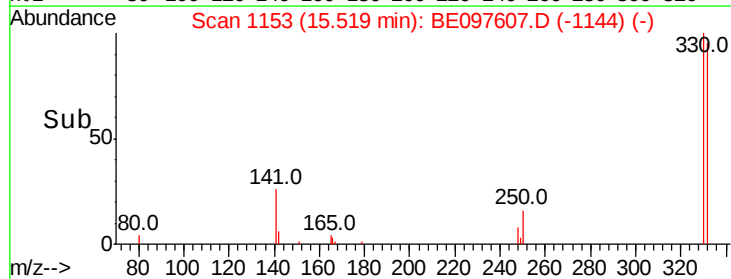
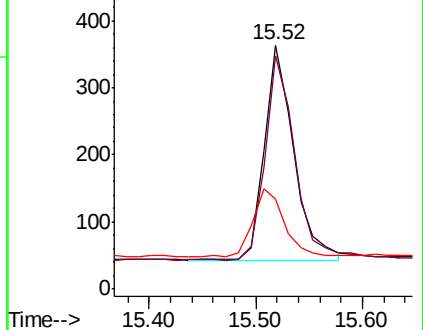
141 32.8 33.7 50.5#

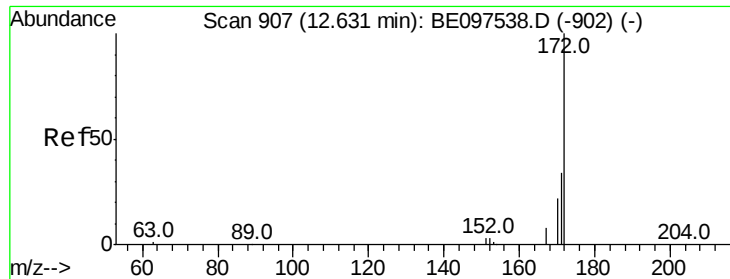


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

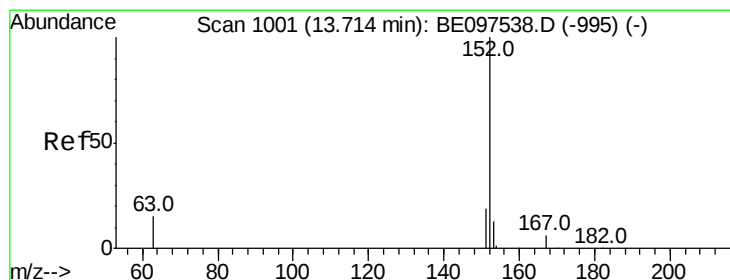
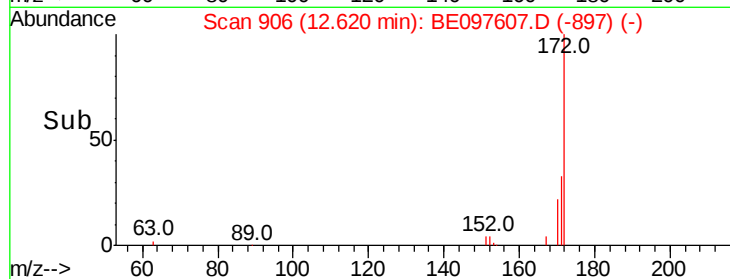
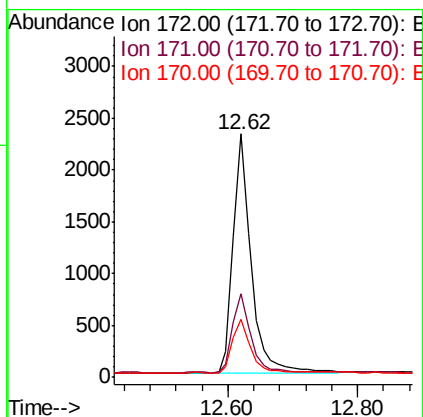
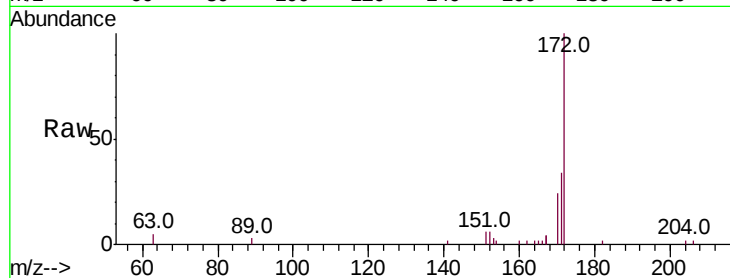




#15
2-Fluorobiphenyl
Concen: 0.364 ng
RT: 12.62 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

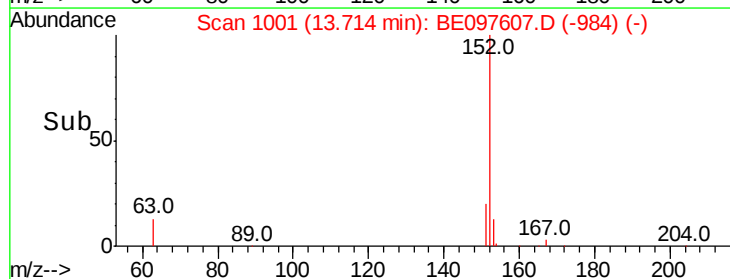
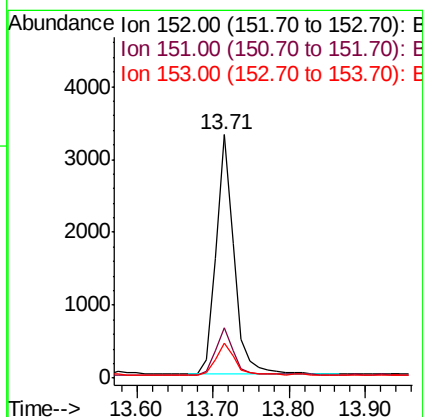
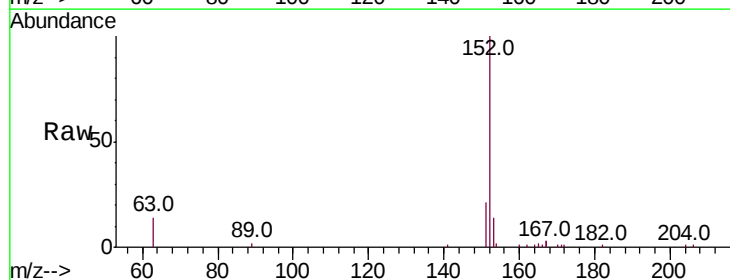
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 4399
Ion Ratio Lower Upper
172 100
171 34.4 29.9 44.9
170 23.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.402 ng
RT: 13.71 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BE097607.D
Acq: 21 Sep 2018 12:19

Tgt Ion:152 Resp: 5435
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.7 10.5 15.7





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.06 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

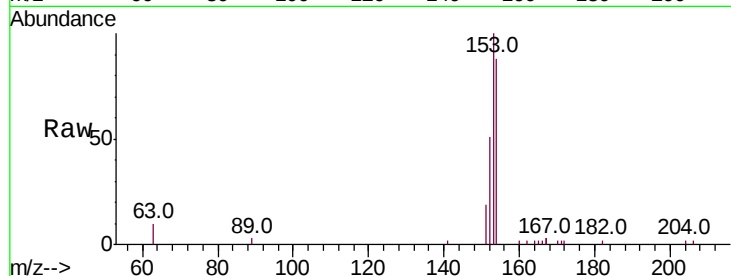
Tot Ion:154 Resp: 3572

Ion Ratio Lower Upper

154 100

153 115.5 89.2 133.8

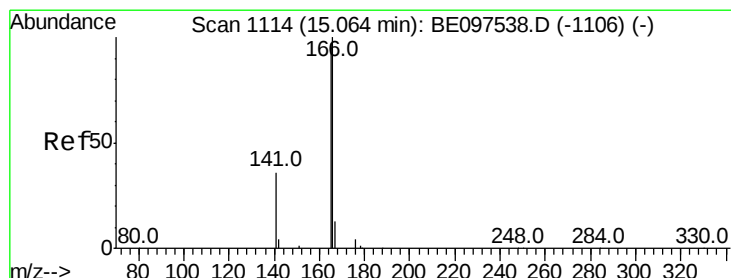
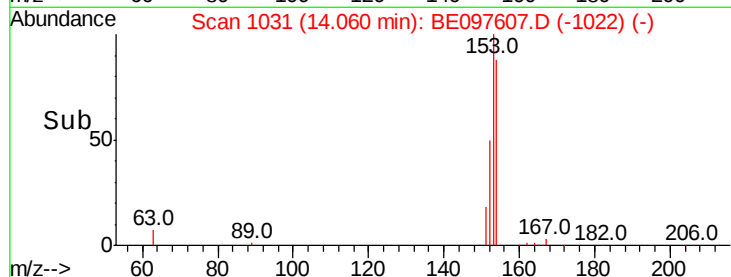
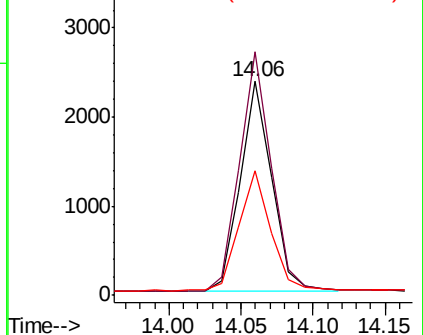
152 58.0 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.417 ng

RT: 15.05 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

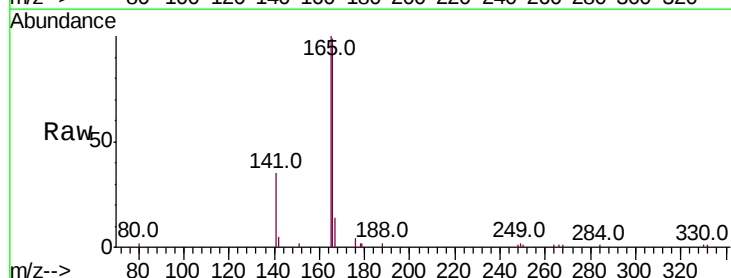
Tgt Ion:166 Resp: 4922

Ion Ratio Lower Upper

166 100

165 97.9 77.8 116.6

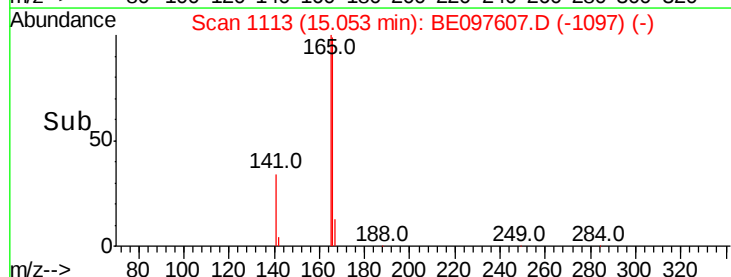
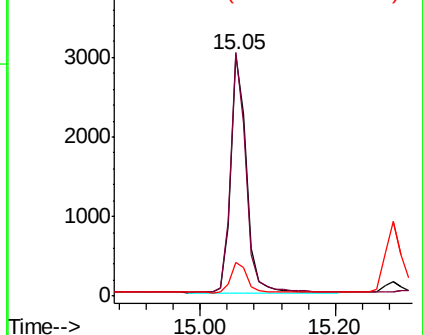
167 13.2 42.4 63.6#



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: 16.75 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

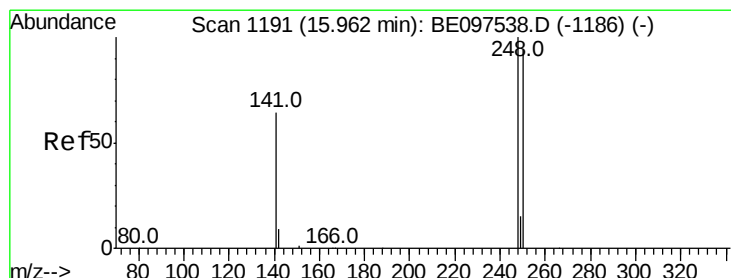
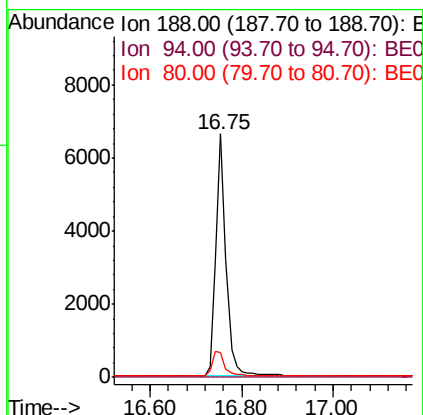
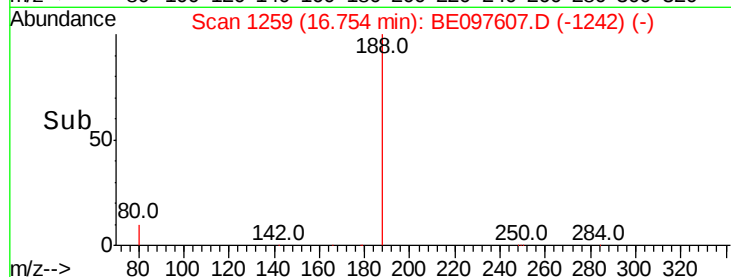
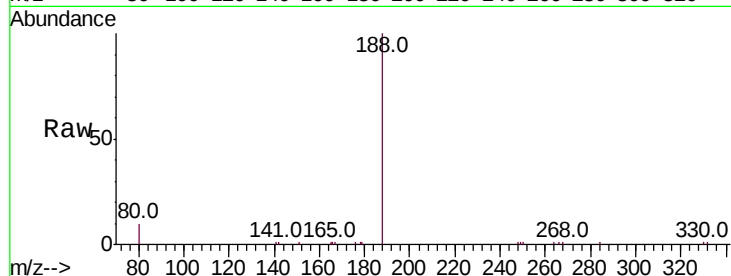
Tot Ion:188 Resp: 10347

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 10.3 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.386 ng

RT: 15.96 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

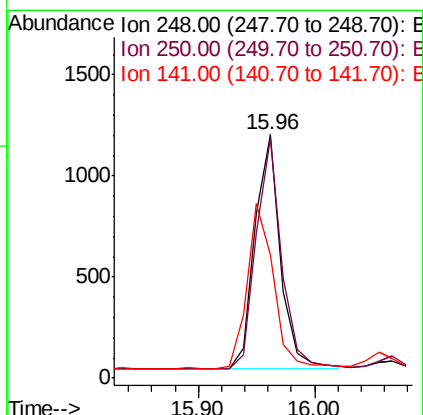
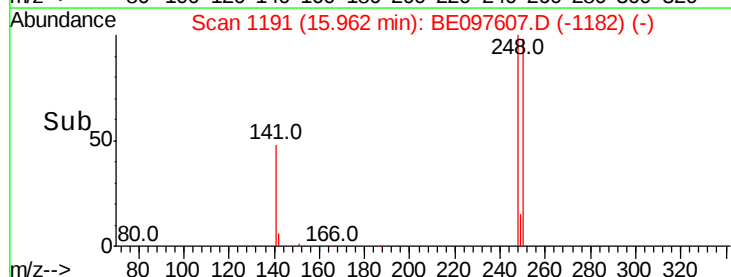
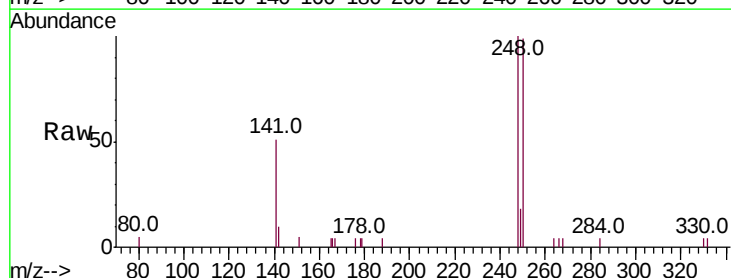
Tgt Ion:248 Resp: 1799

Ion Ratio Lower Upper

248 100

250 98.5 62.7 94.1#

141 50.6 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.408 ng

RT: 16.07 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

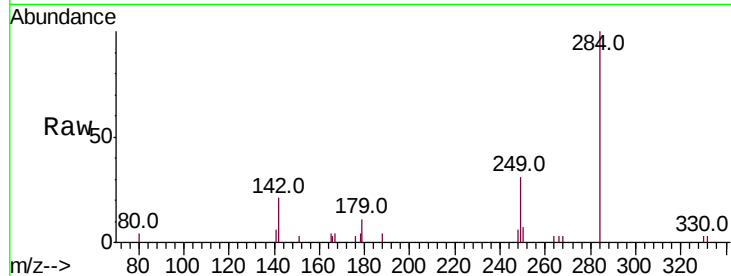
Tot Ion:284 Resp: 2090

Ion Ratio Lower Upper

284 100

142 30.0 22.1 33.1

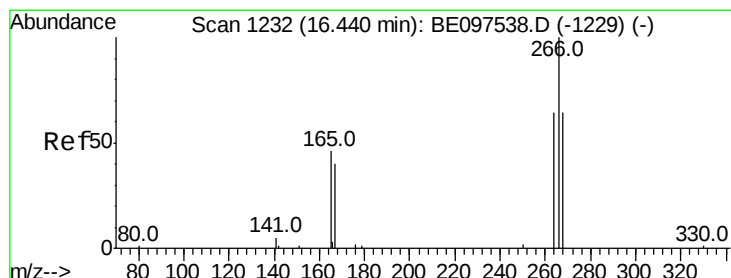
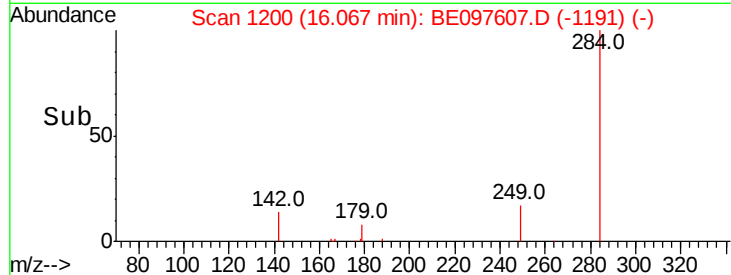
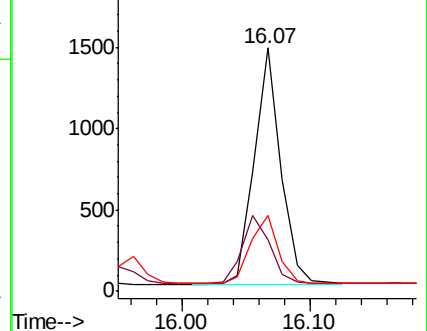
249 29.8 34.8 52.2#



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: 0.362 ng

RT: 16.44 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

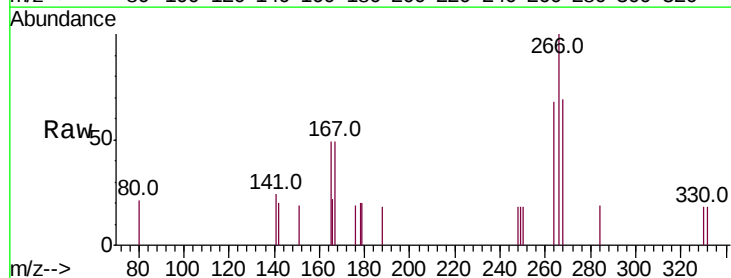
Tgt Ion:266 Resp: 534

Ion Ratio Lower Upper

266 100

264 67.7 72.5 108.7#

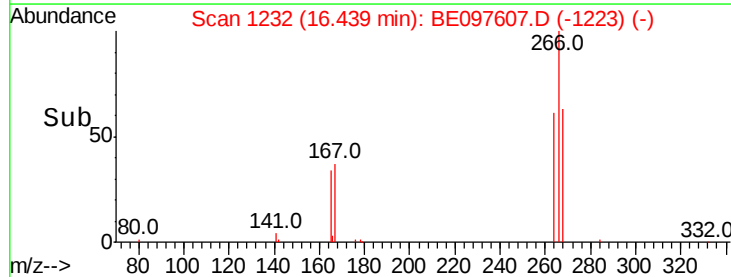
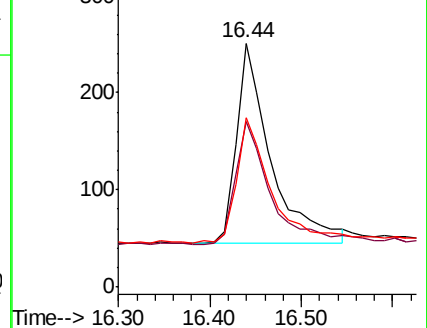
268 69.3 73.8 110.6#



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: 0.391 ng

RT: 16.80 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

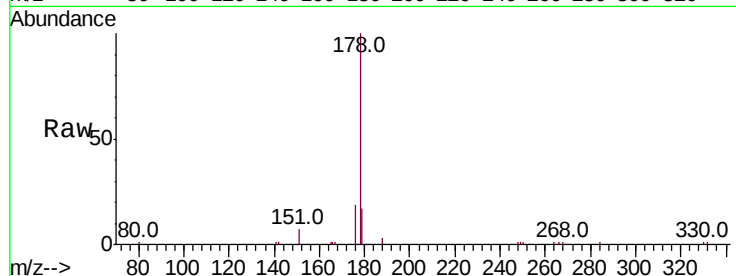
Tot Ion:178 Resp: 9616

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

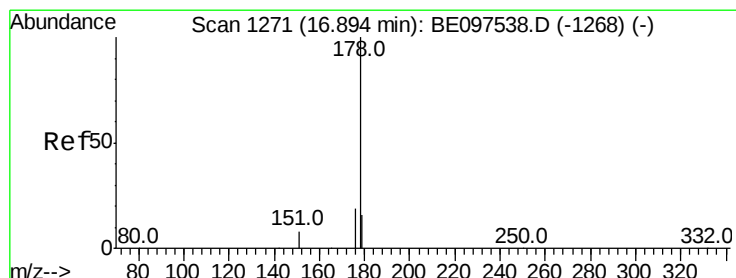
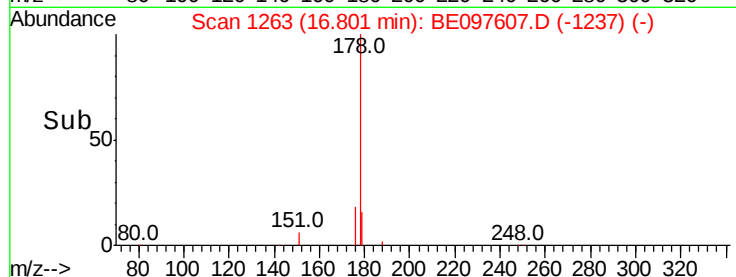
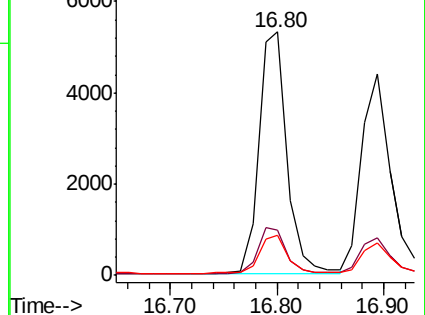
179 15.5 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.375 ng

RT: 16.89 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

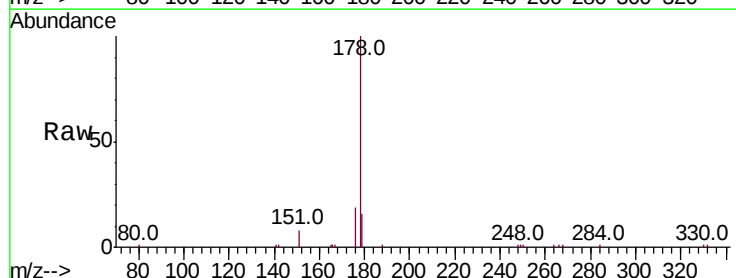
Tgt Ion:178 Resp: 8137

Ion Ratio Lower Upper

178 100

176 18.2 12.8 19.2

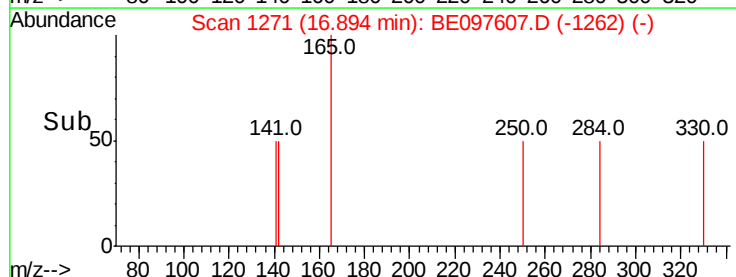
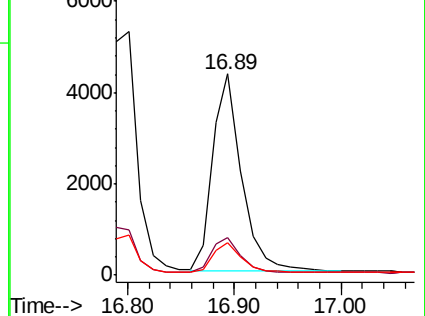
179 15.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.330 ng

RT: 18.80 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

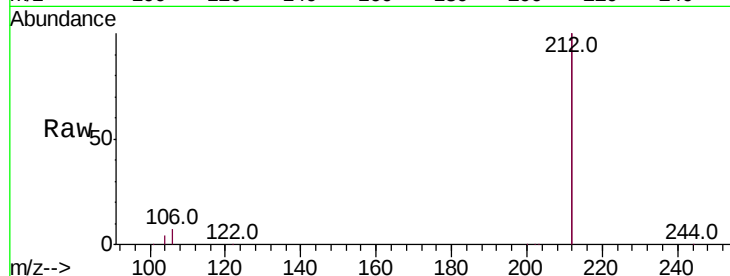
Tot Ion:212 Resp: 43702

Ion Ratio Lower Upper

212 100

106 3.2 2.8 4.2

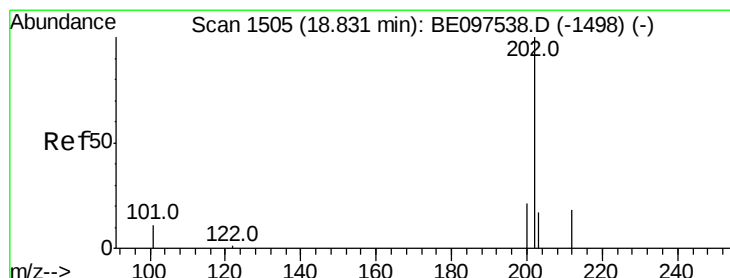
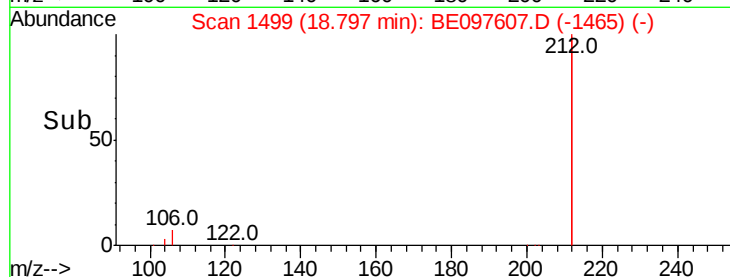
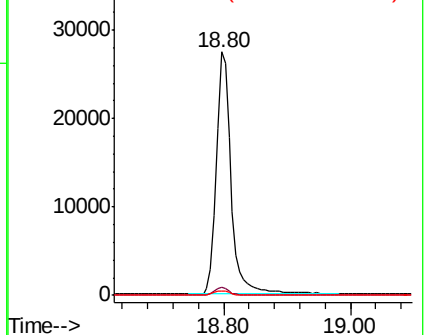
104 1.7 1.6 2.4



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: 0.334 ng

RT: 18.83 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

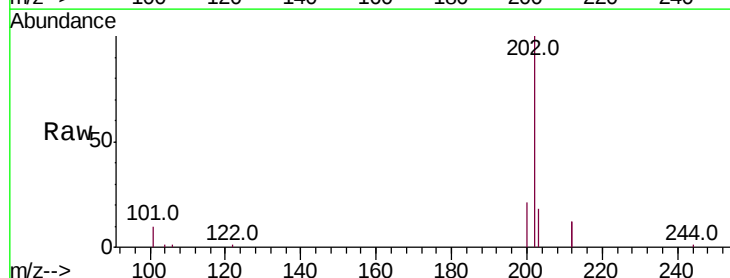
Tgt Ion:202 Resp: 11399

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.8

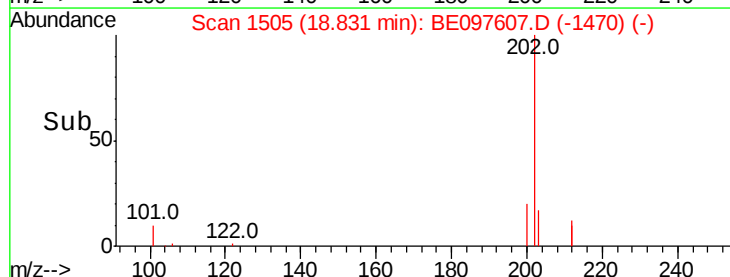
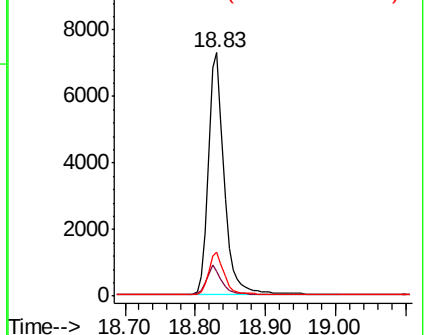
203 17.1 13.7 20.5



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# 1785

Delta R.T. 0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

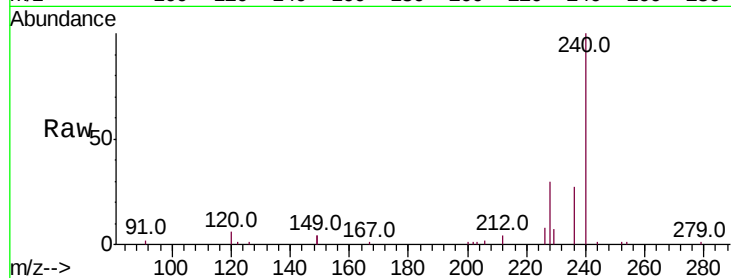
Tot Ion:240 Resp: 11641

Ion Ratio Lower Upper

240 100

120 5.9 5.5 8.3

236 26.7 20.7 31.1

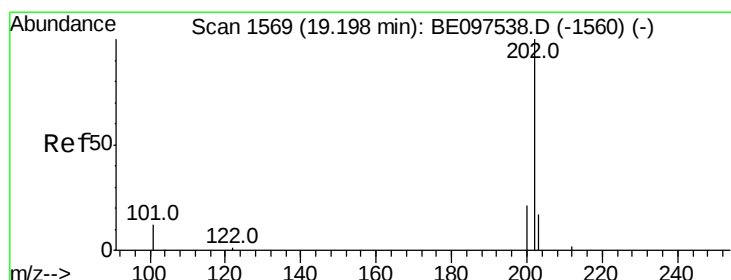
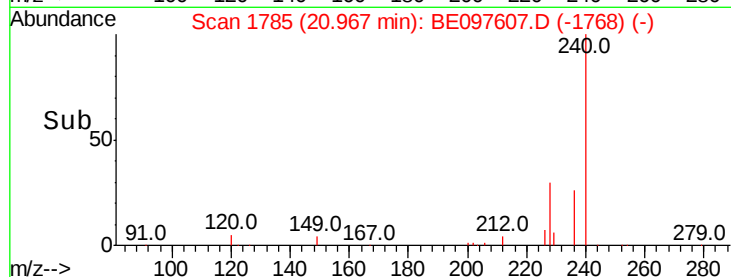
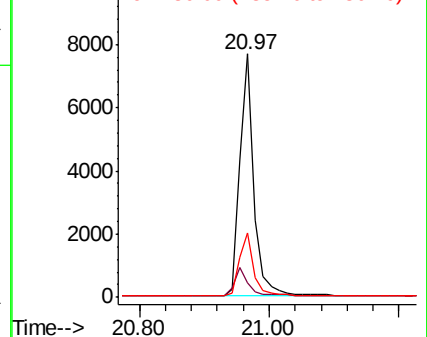


Abundance

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: 0.440 ng

RT: 19.19 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

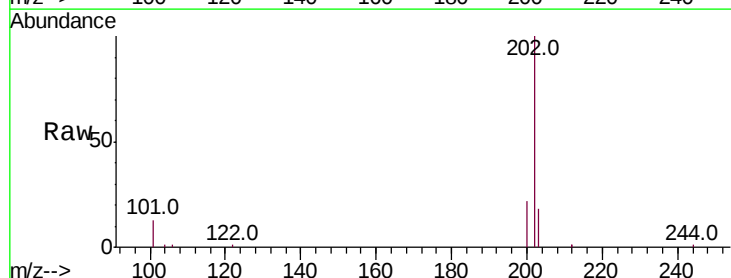
Tgt Ion:202 Resp: 11646

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

203 17.6 13.8 20.8

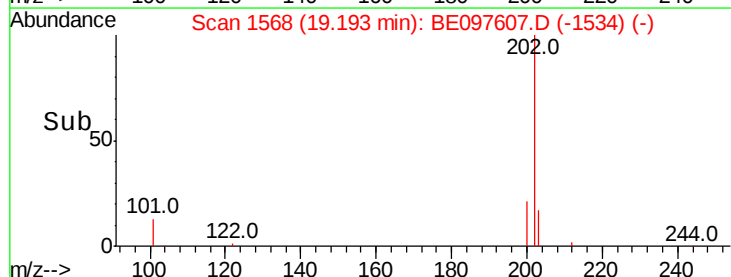
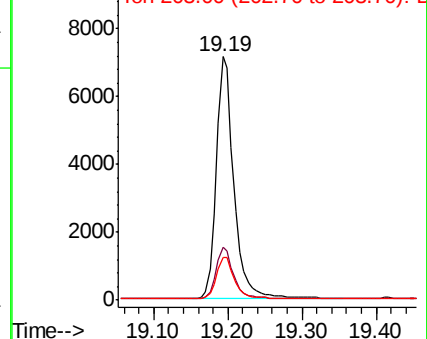


Abundance

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: 0.411 ng

RT: 19.42 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

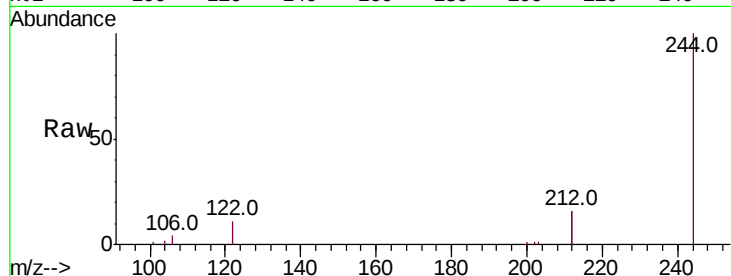
Tot Ion:244 Resp: 8749

Ion Ratio Lower Upper

244 100

212 31.9 25.4 38.0

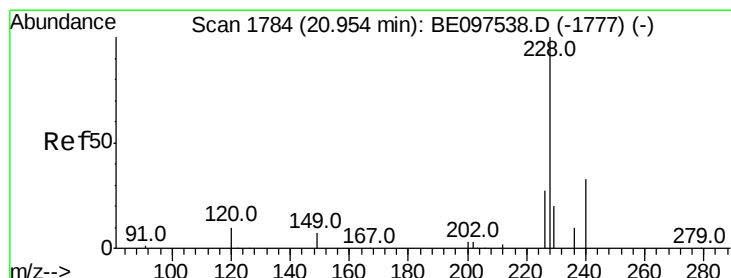
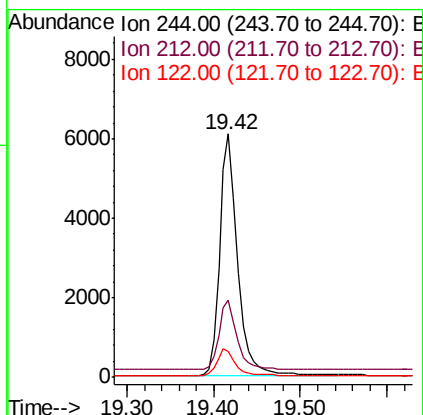
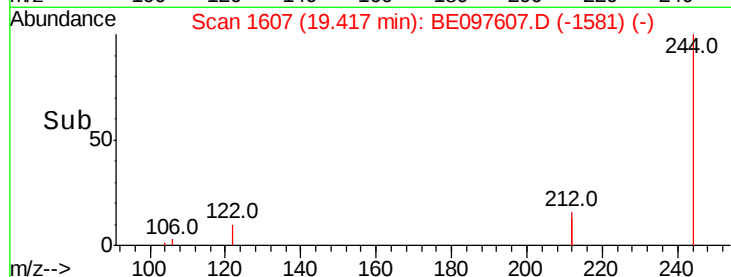
122 10.5 8.1 12.1



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: 0.375 ng

RT: 20.95 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

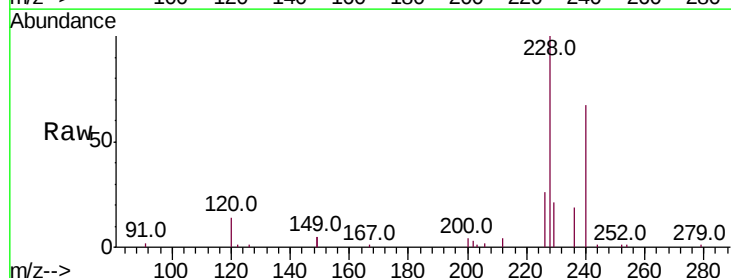
Tgt Ion:228 Resp: 11004

Ion Ratio Lower Upper

228 100

226 26.4 24.0 36.0

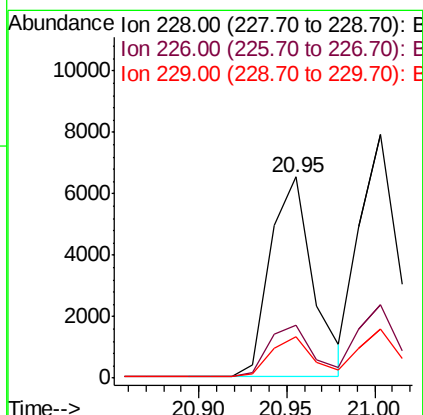
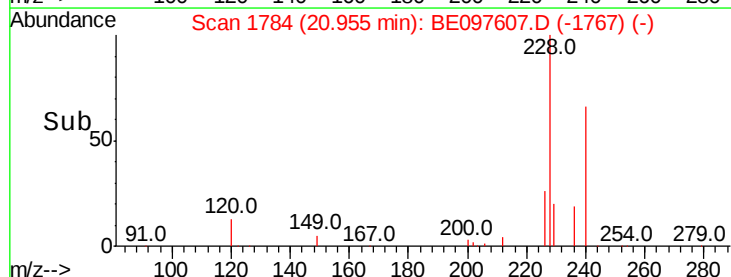
229 20.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.00 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

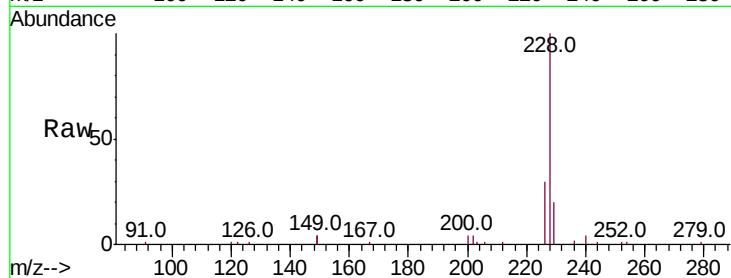
Tot Ion:228 Resp: 12225

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

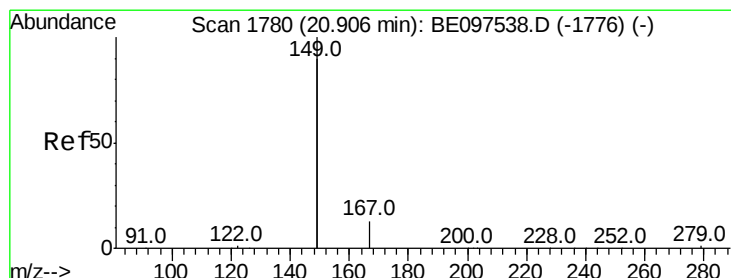
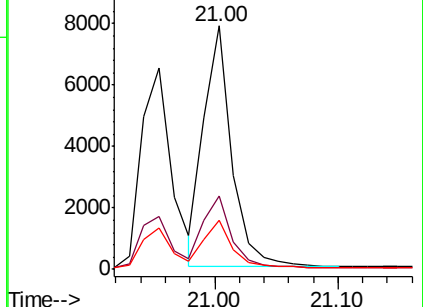
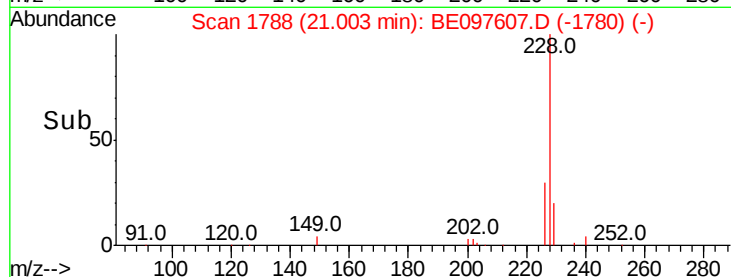
229 20.2 16.0 24.0



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: 0.330 ng

RT: 20.89 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

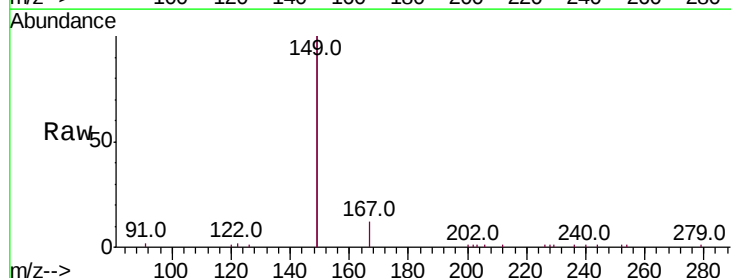
Tgt Ion:149 Resp: 15744

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

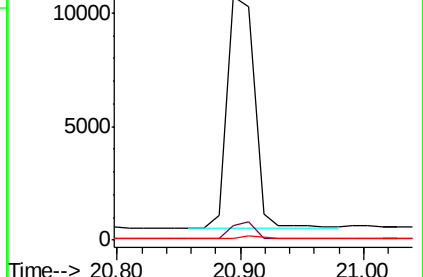
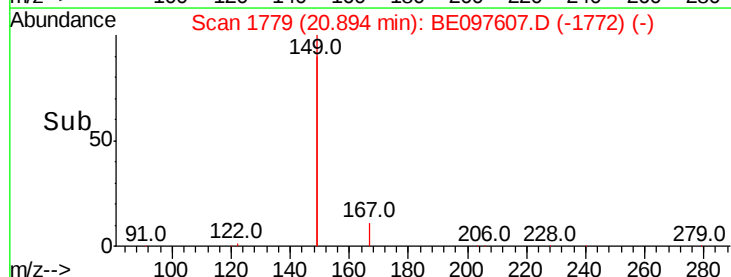
279 1.0 0.7 1.1

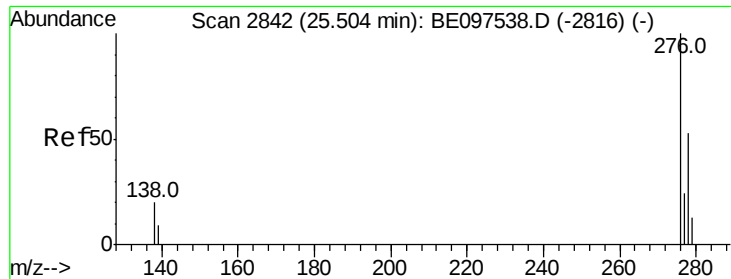


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

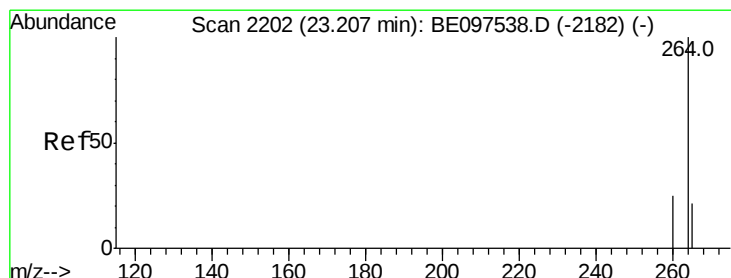
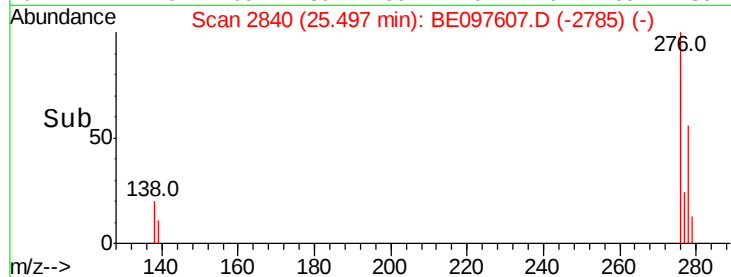
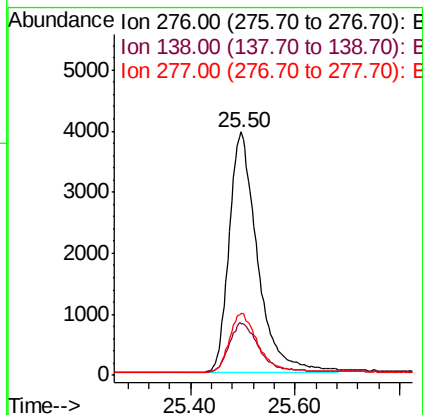
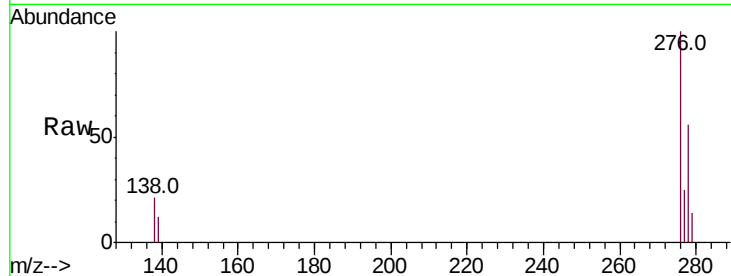




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.391 ng
 RT: 25.50 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: BE097607.D
 Acq: 21 Sep 2018 12:19

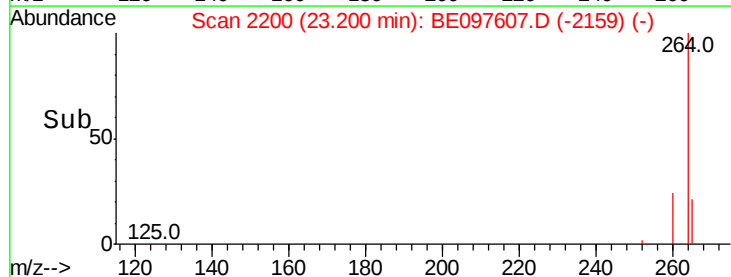
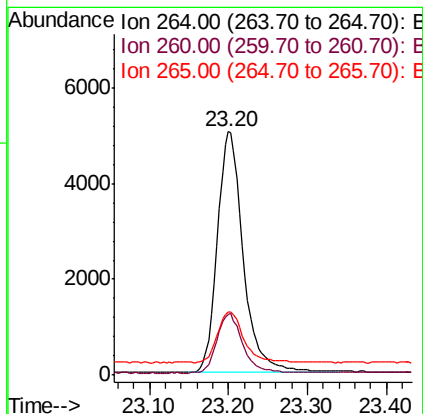
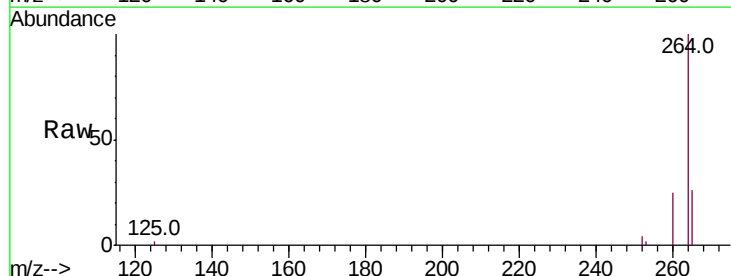
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 14799
 Ion Ratio Lower Upper
 276 100
 138 21.0 22.5 33.7#
 277 24.8 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BE097607.D
 Acq: 21 Sep 2018 12:19

Tgt Ion:264 Resp: 11503
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.5 30.7
 265 25.7 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.364 ng

RT: 22.53 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

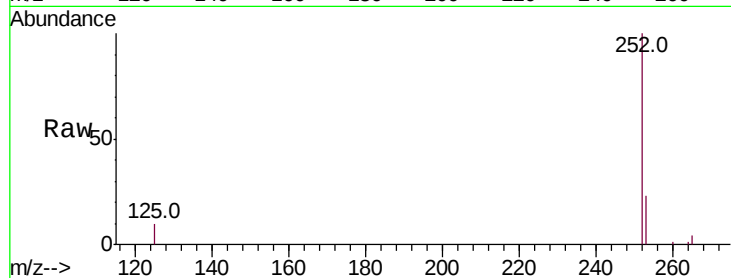
Tot Ion:252 Resp: 10749

Ion Ratio Lower Upper

252 100

253 23.2 20.0 30.0

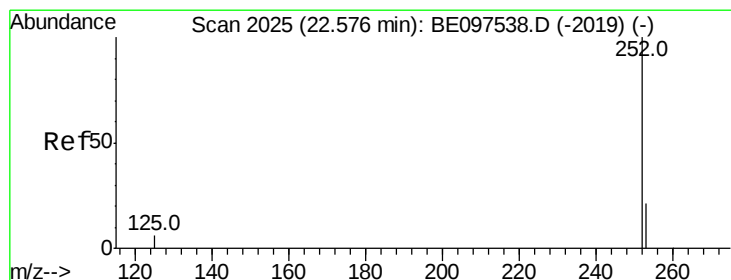
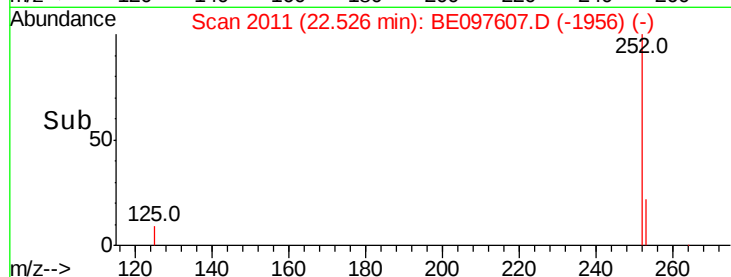
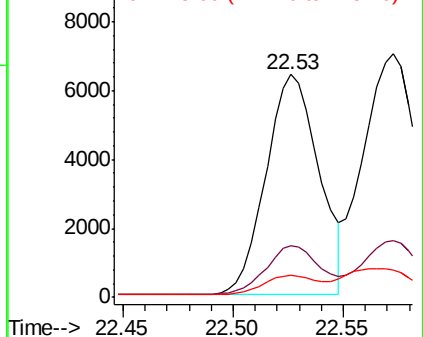
125 10.2 16.0 24.0#



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: 0.392 ng

RT: 22.57 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

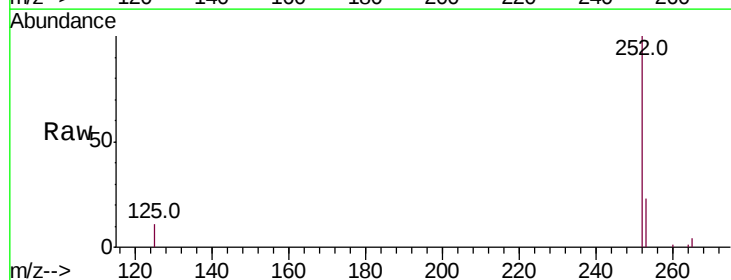
Tgt Ion:252 Resp: 13205

Ion Ratio Lower Upper

252 100

253 23.0 16.0 24.0

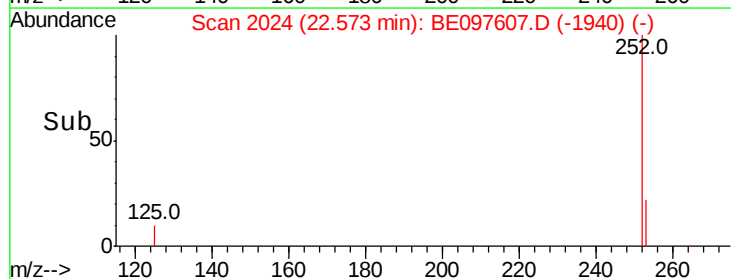
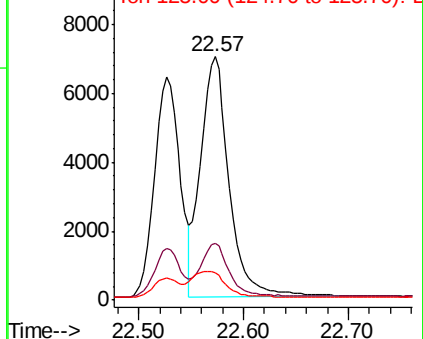
125 11.1 8.0 12.0



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: 0.384 ng

RT: 23.10 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

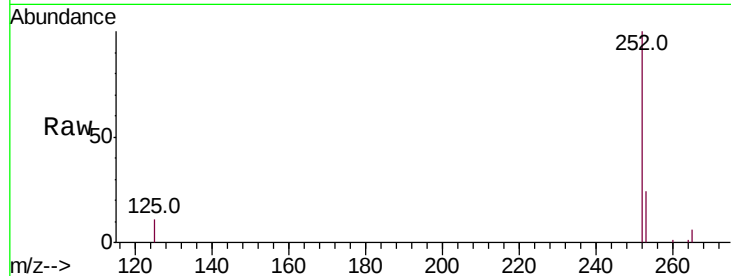
Tot Ion:252 Resp: 10946

Ion Ratio Lower Upper

252 100

253 24.3 16.0 24.0#

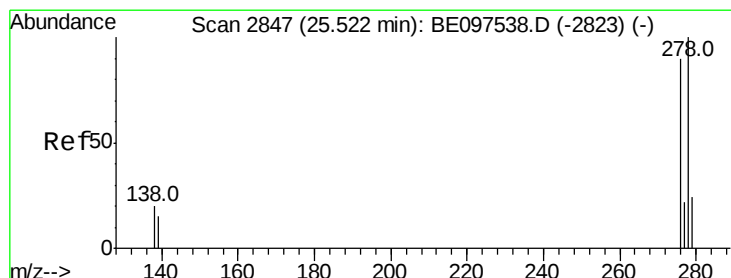
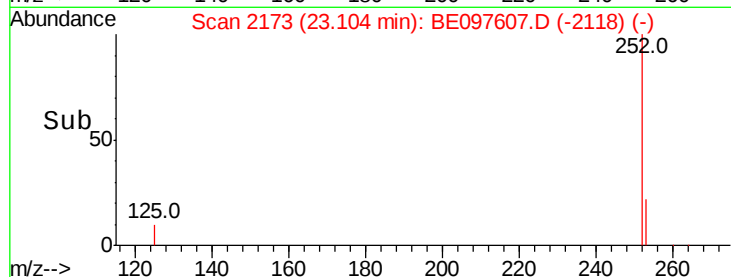
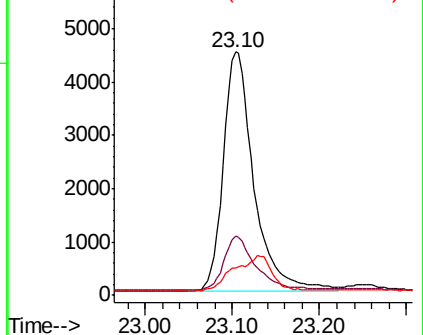
125 11.4 12.0 18.0#



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: 0.397 ng

RT: 25.52 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BE097607.D

Acq: 21 Sep 2018 12:19

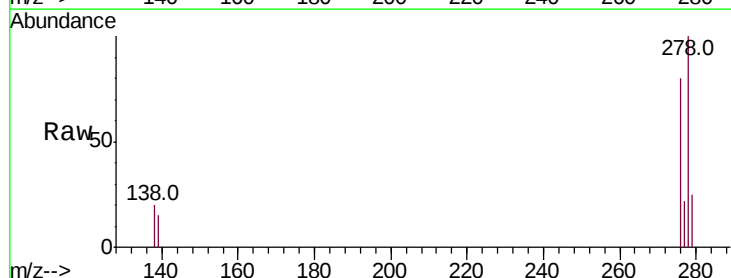
Tgt Ion:278 Resp: 12273

Ion Ratio Lower Upper

278 100

139 15.3 16.0 24.0#

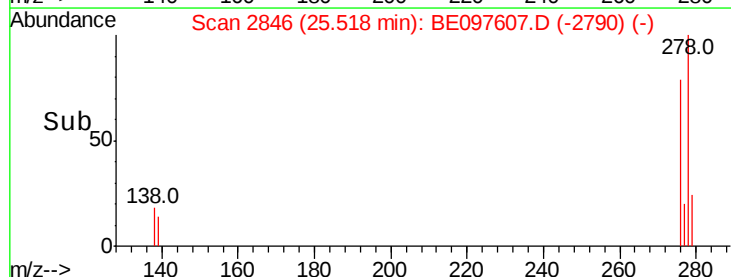
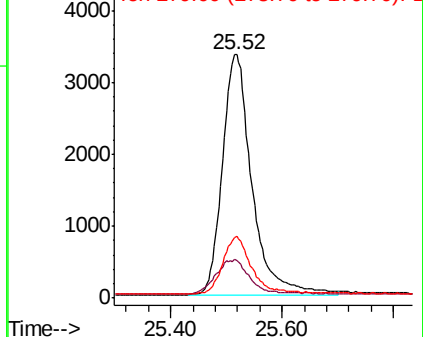
279 25.4 20.0 30.0



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: 0.393 ng

RT: 26.20 min Scan# 3036

Delta R.T. -0.00 min

Lab File: BE097607.D

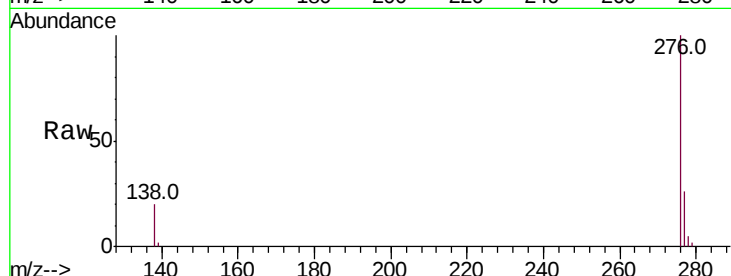
Acq: 21 Sep 2018 12:19

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 11821

Ion Ratio Lower Upper

276 100

277 25.6 16.0 24.0#

138 19.9 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

