

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
 Data File : BE097985.D
 Acq On : 19 Oct 2018 9:44
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 19 23:28:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 15:36:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2542	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	12505	0.40	ng	-0.01
13) Acenaphthene-d10	14.54	164	8775	0.40	ng	-0.01
19) Phenanthrene-d10	17.29	188	21966	0.40	ng	-0.01
27) Chrysene-d12	21.47	240	25250	0.40	ng	-0.01
34) Perylene-d12	24.02	264	24608	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	3018	0.38	ng	-0.01
5) Phenol-d6	7.04	99	4715	0.40	ng	-0.01
8) Nitrobenzene-d5	9.03	82	4146	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.28	152	8070	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	16.03	330	1581	0.34	ng	-0.01
15) 2-Fluorobiphenyl	13.16	172	12390	0.35	ng	-0.01
25) Fluoranthene-d10	19.32	212	97241	0.33	ng	-0.01
29) Terphenyl-d14	19.92	244	19985	0.35	ng	-0.01

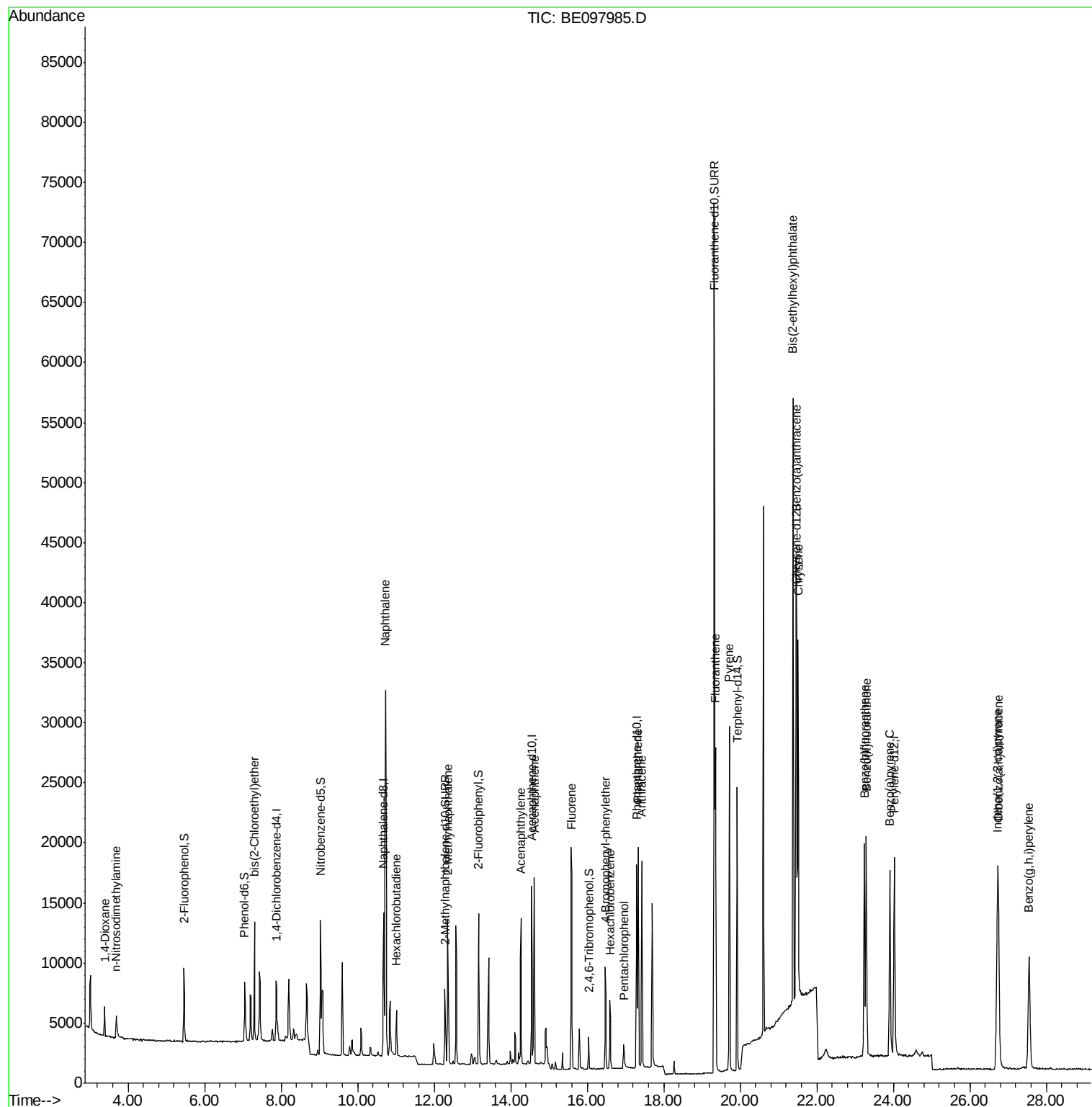
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1454	0.328	ng	95
3) n-Nitrosodimethylamine	3.69	42	1475	0.298	ng	95
6) bis(2-Chloroethyl)ether	7.30	93	3520	0.350	ng	100
9) Naphthalene	10.73	128	47420	0.381	ng	100
10) Hexachlorobutadiene	11.02	225	2510	0.374	ng	97
12) 2-Methylnaphthalene	12.35	142	8388	0.393	ng	97
16) Acenaphthylene	14.27	152	14968	0.369	ng	99
17) Acenaphthene	14.62	154	9335	0.377	ng	97
18) Fluorene	15.59	166	12079	0.354	ng	100
20) 4-Bromophenyl-phenylether	16.48	248	4395	0.366	ng	92
21) Hexachlorobenzene	16.59	284	4602	0.390	ng	99
22) Pentachlorophenol	16.95	266	1391	0.473	ng	97
23) Phenanthrene	17.33	178	19825	0.355	ng	100
24) Anthracene	17.42	178	18668	0.354	ng	100
26) Fluoranthene	19.35	202	24310	0.332	ng	98
28) Pyrene	19.72	202	25936	0.356	ng	100
30) Benzo(a)anthracene	21.46	228	27239	0.352	ng	98
31) Chrysene	21.51	228	26407	0.360	ng	98
32) Bis(2-ethylhexyl)phthalate	21.38	149	61429	0.318	ng	100
33) Indeno(1,2,3-cd)pyrene	26.72	276	28136	0.326	ng	98
35) Benzo(b)fluoranthene	23.24	252	24809	0.350	ng	# 93
36) Benzo(k)fluoranthene	23.29	252	26064	0.353	ng	# 93
37) Benzo(a)pyrene	23.91	252	24496	0.355	ng	94
38) Dibenzo(a,h)anthracene	26.74	278	23492	0.348	ng	97
39) Benzo(g,h,i)perylene	27.55	276	23381	0.338	ng	95

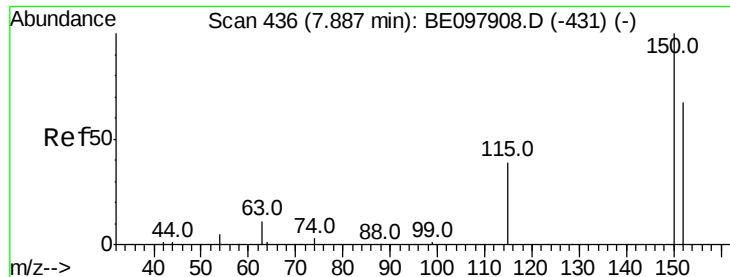
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Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101918\
Data File : BE097985.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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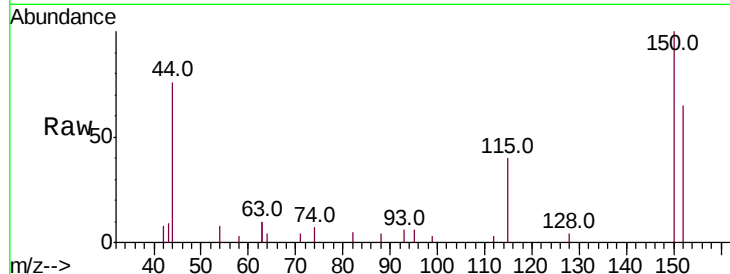




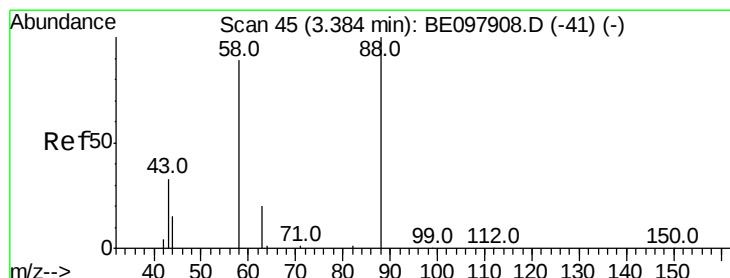
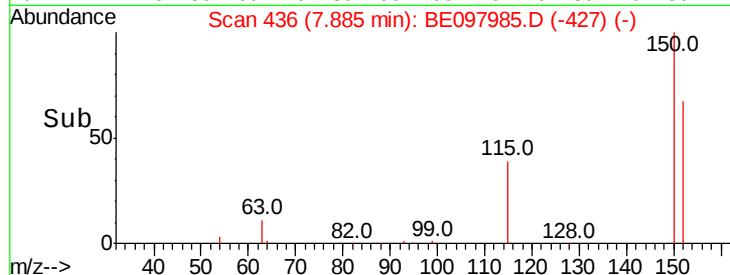
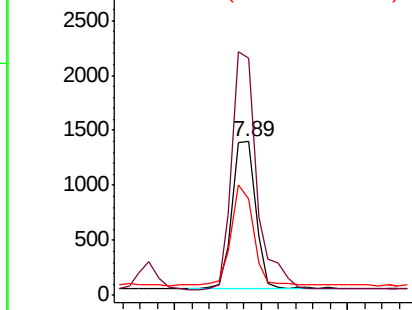
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.89 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: BE097985.D
 Acq: 19 Oct 2018 9:44

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:152 Resp: 2542
 Ion Ratio Lower Upper
 152 100
 150 154.0 118.2 177.4
 115 62.3 50.9 76.3

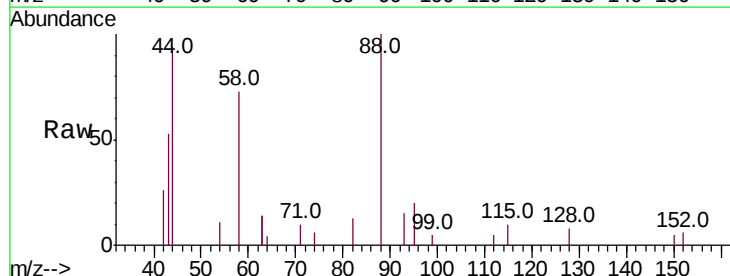


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

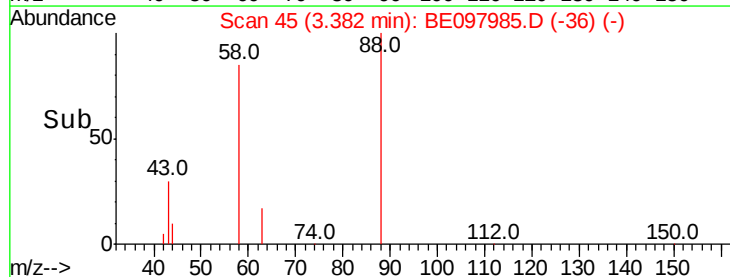
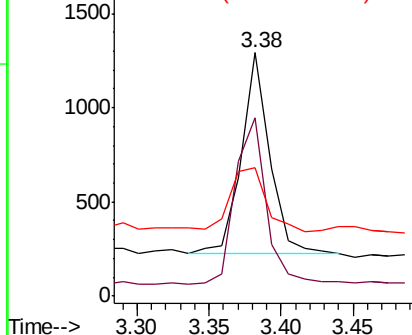


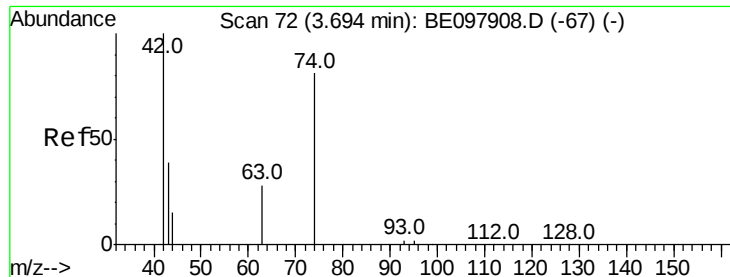
#2
 1,4-Dioxane
 Concen: 0.328 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE097985.D
 Acq: 19 Oct 2018 9:44

Tgt Ion: 88 Resp: 1454
 Ion Ratio Lower Upper
 88 100
 58 90.4 73.2 109.8
 43 38.5 36.9 55.3



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

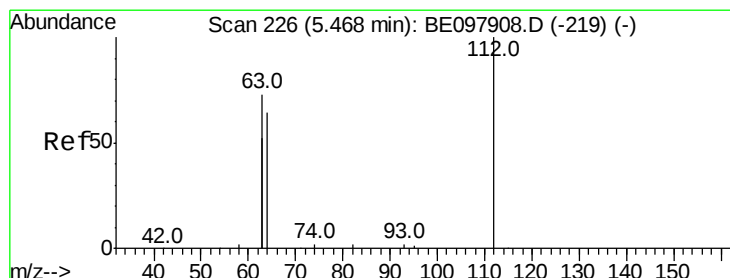
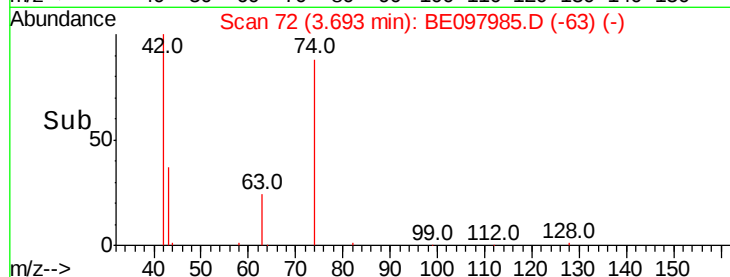
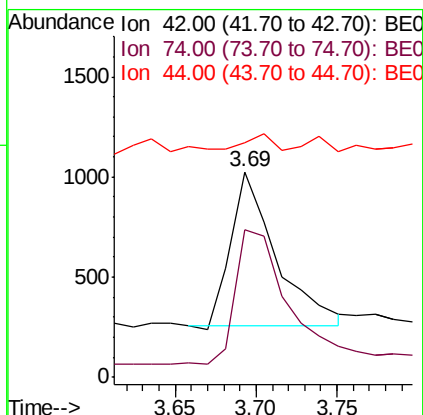
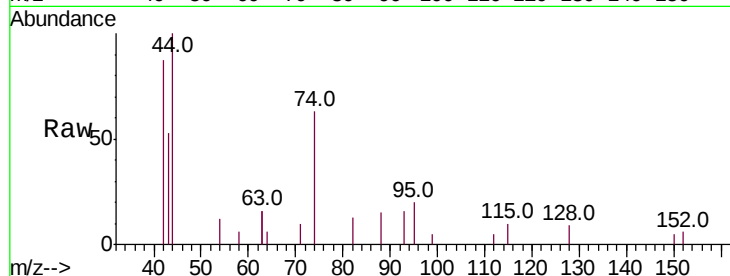




#3
 n-Nitrosodimethylamine
 Concen: 0.298 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE097985.D
 Acq: 19 Oct 2018 9:44

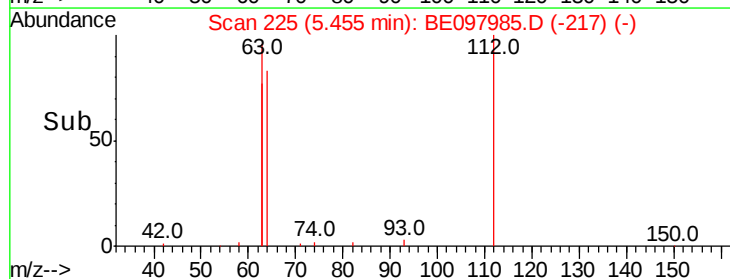
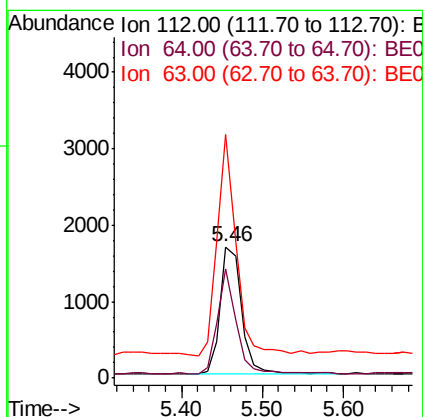
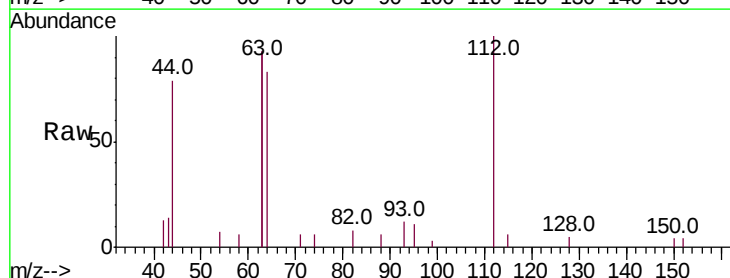
Instrument :
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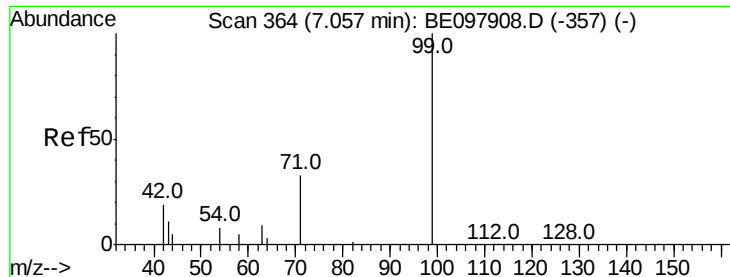
Tot Ion: 42 Resp: 1475
 Ion Ratio Lower Upper
 42 100
 74 102.1 77.6 116.4
 44 8.4 7.6 11.4



#4
 2-Fluorophenol
 Concen: 0.377 ng
 RT: 5.46 min Scan# 225
 Delta R.T. -0.01 min
 Lab File: BE097985.D
 Acq: 19 Oct 2018 9:44

Tgt Ion: 112 Resp: 3018
 Ion Ratio Lower Upper
 112 100
 64 72.7 58.9 88.3
 63 152.0 120.3 180.5





#5

Phenol-d6

Concen: 0.398 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Instrument :

BNA_E

ClientSampled :

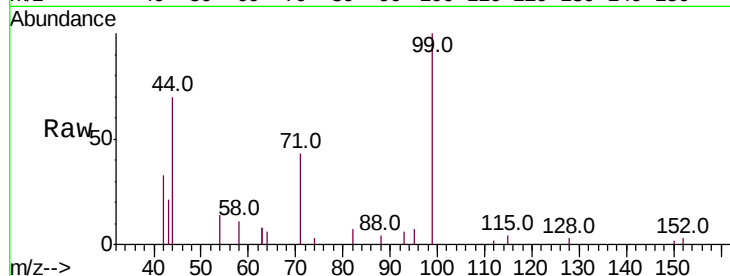
Tot Ion: 99 Resp: 4715

Ion Ratio Lower Upper

99 100

42 26.5 19.9 29.9

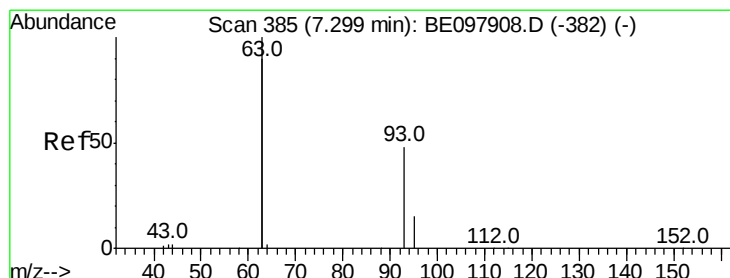
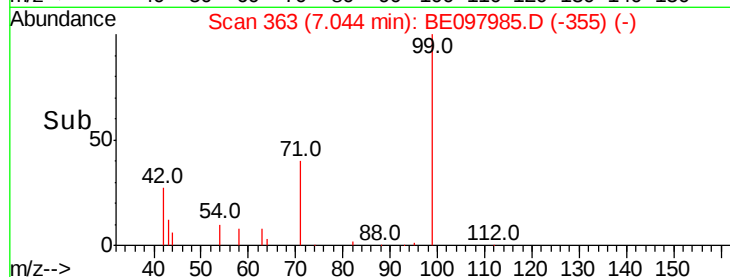
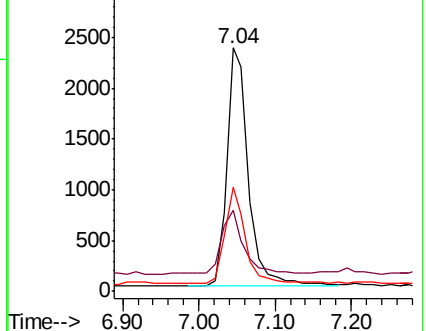
71 38.6 27.8 41.8



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: 0.350 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

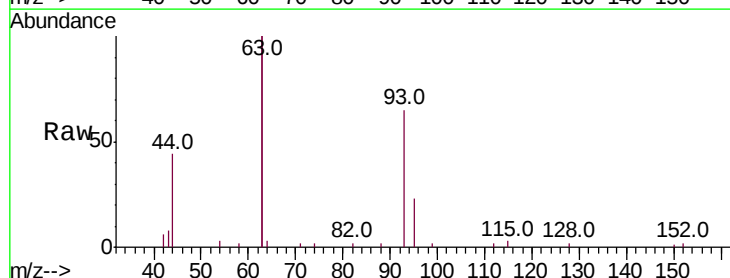
Tgt Ion: 93 Resp: 3520

Ion Ratio Lower Upper

93 100

63 323.8 259.0 388.4

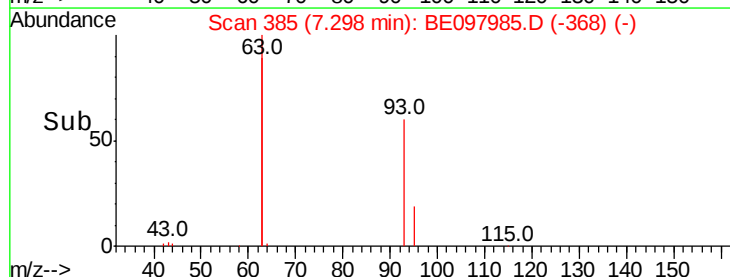
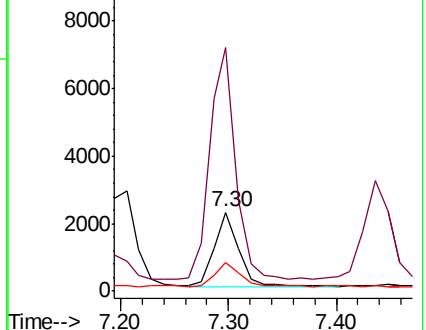
95 33.0 27.8 41.8

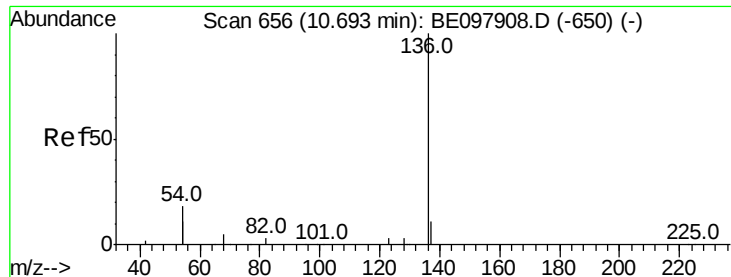


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 12505

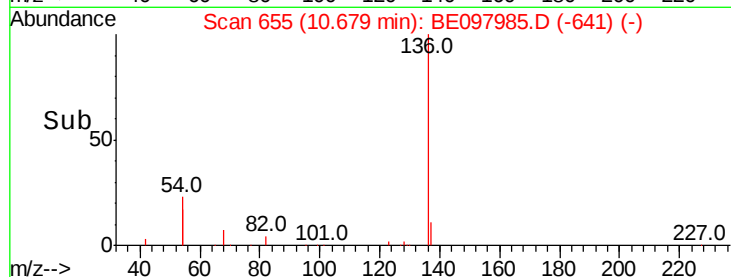
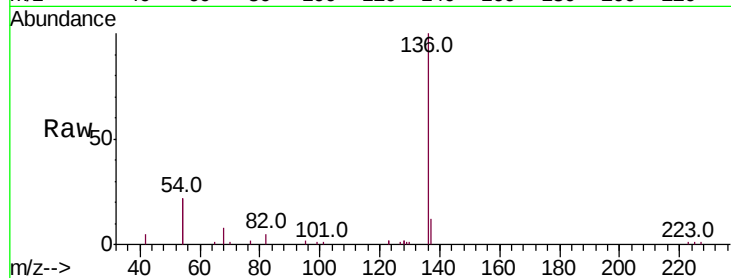
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 44.9 27.7 41.5#

68 8.4 5.3 7.9#

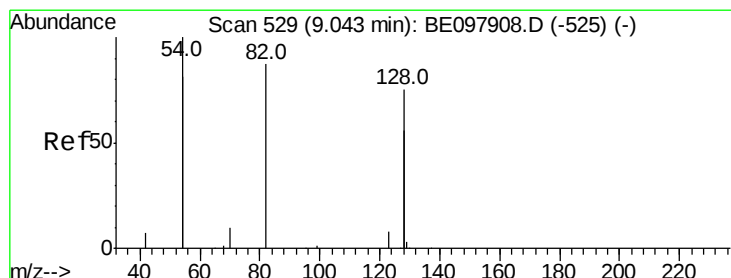
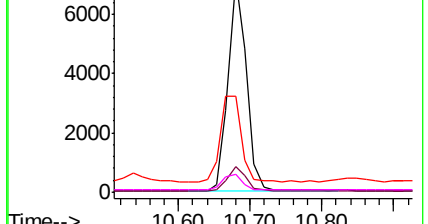


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.350 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

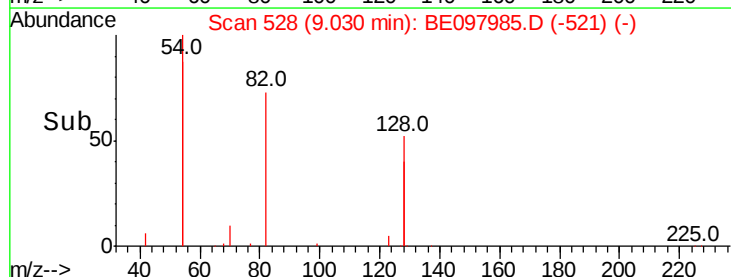
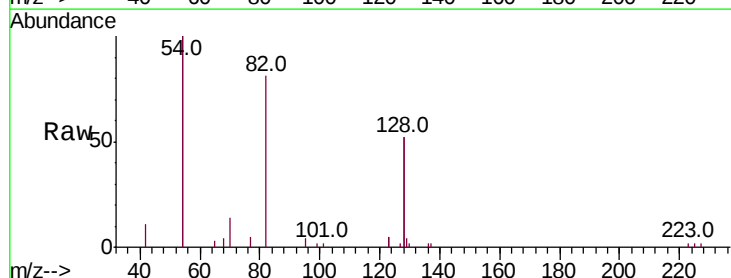
Tgt Ion: 82 Resp: 4146

Ion Ratio Lower Upper

82 100

128 129.1 129.9 194.9#

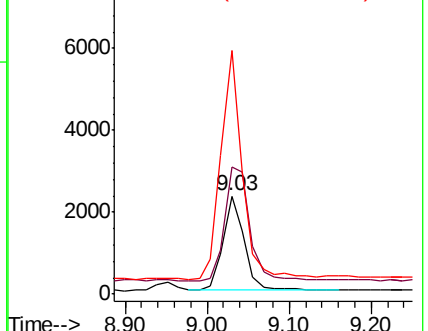
54 248.4 174.0 261.0

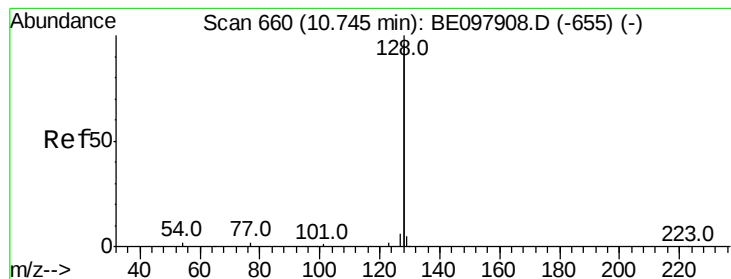


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.381 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Instrument :

BNA_E

ClientSampleId :

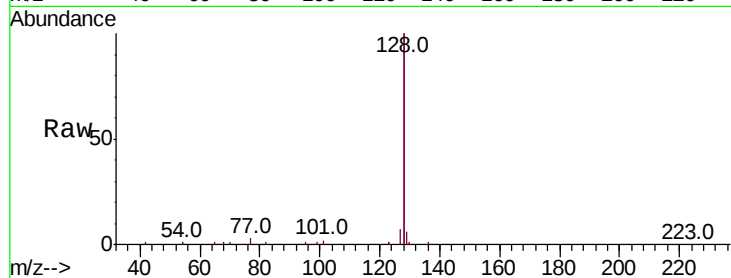
Tot Ion:128 Resp: 47420

Ion Ratio Lower Upper

128 100

129 3.1 2.5 3.7

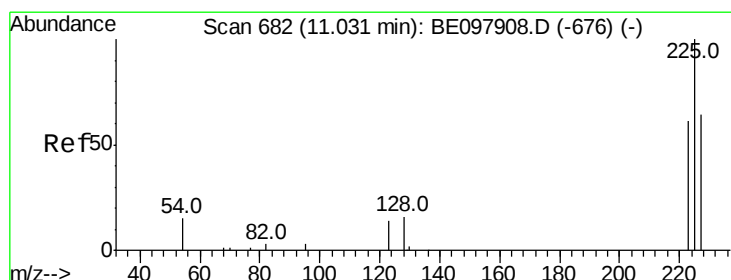
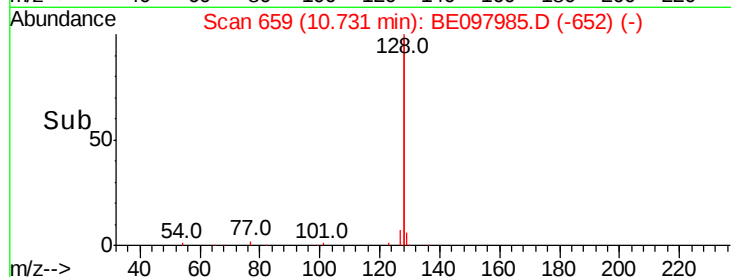
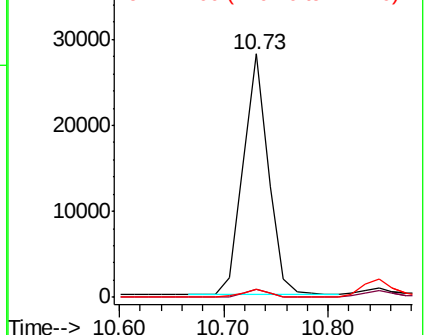
127 3.5 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.374 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

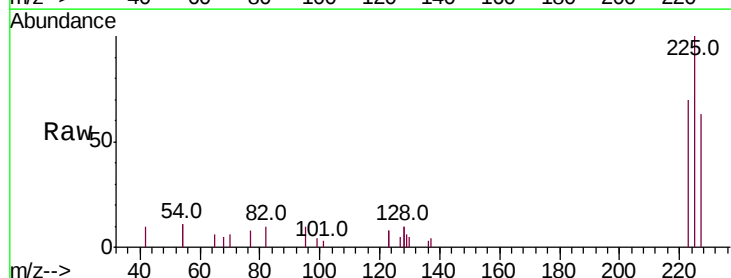
Tgt Ion:225 Resp: 2510

Ion Ratio Lower Upper

225 100

223 66.3 51.8 77.8

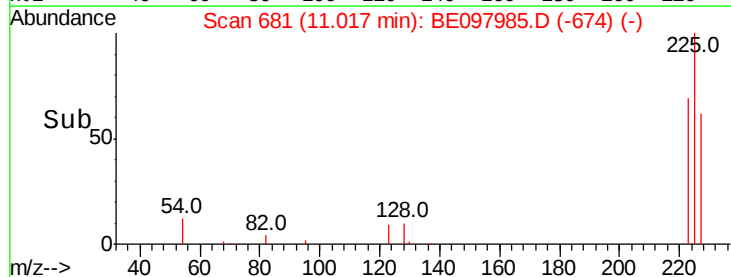
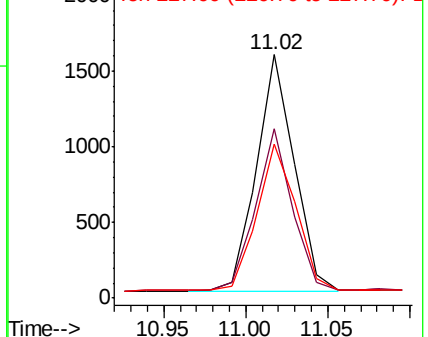
227 63.6 53.0 79.6

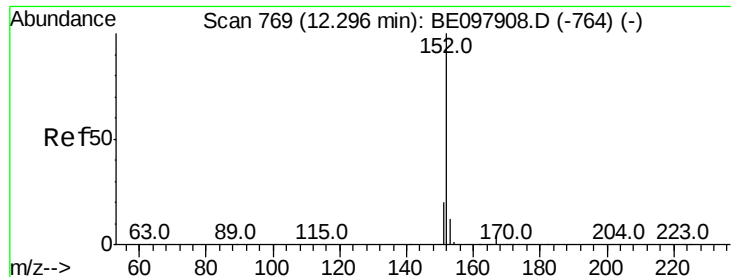


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

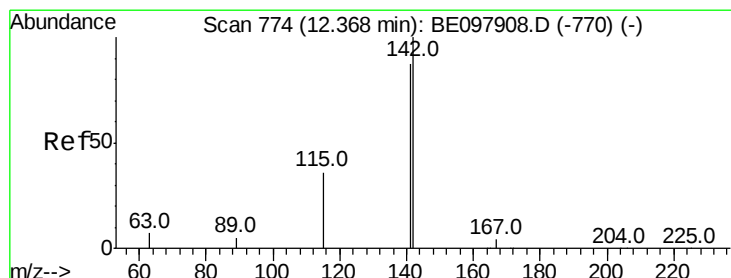
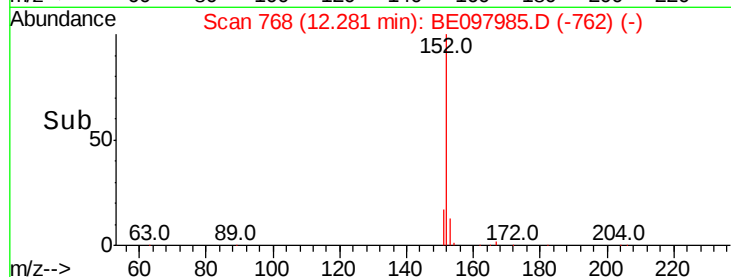
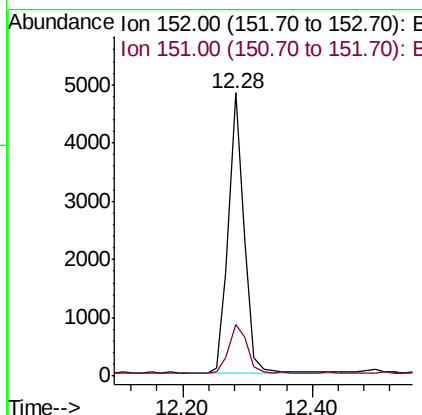
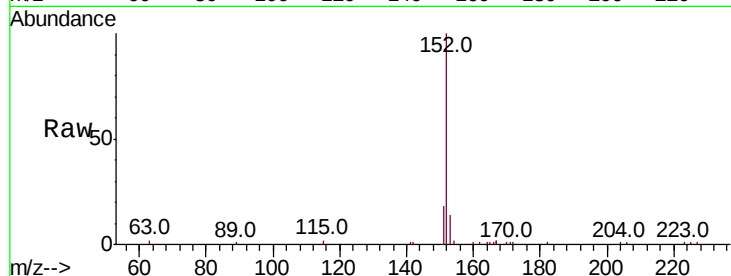




#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BE097985.D
 Acq: 19 Oct 2018 9:44

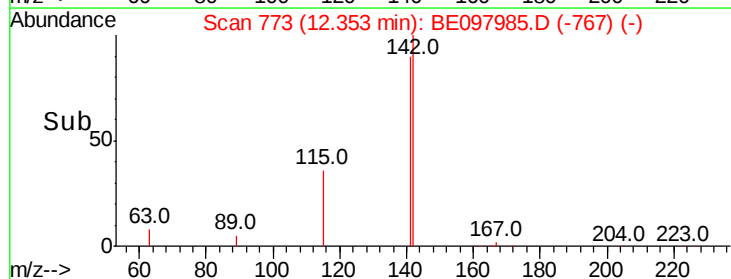
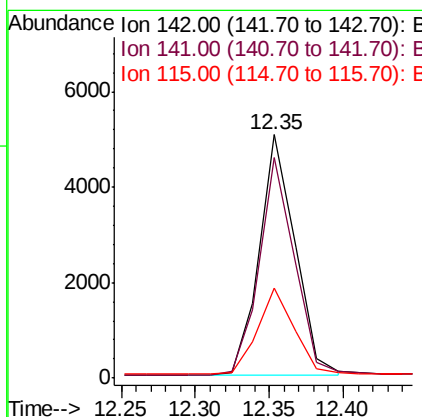
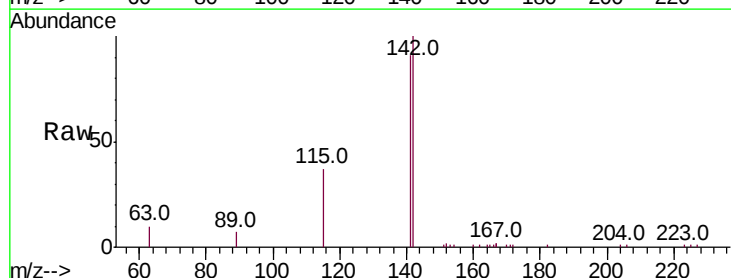
Instrument :
 BNA_E
 ClientSampleId :

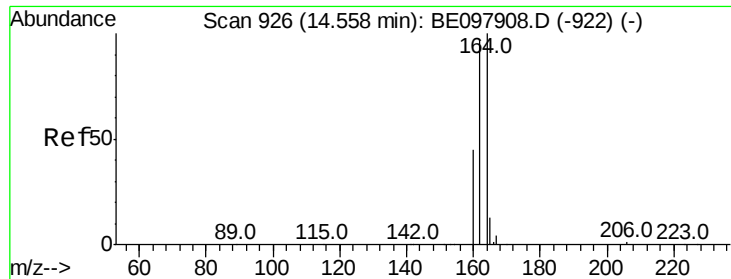
Tot Ion:152 Resp: 8070
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.393 ng
 RT: 12.35 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BE097985.D
 Acq: 19 Oct 2018 9:44

Tgt Ion:142 Resp: 8388
 Ion Ratio Lower Upper
 142 100
 141 90.6 69.8 104.6
 115 36.7 30.5 45.7

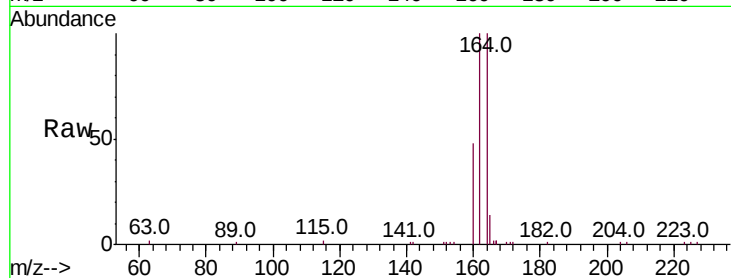




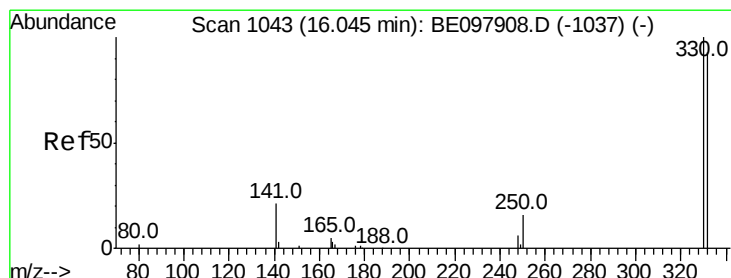
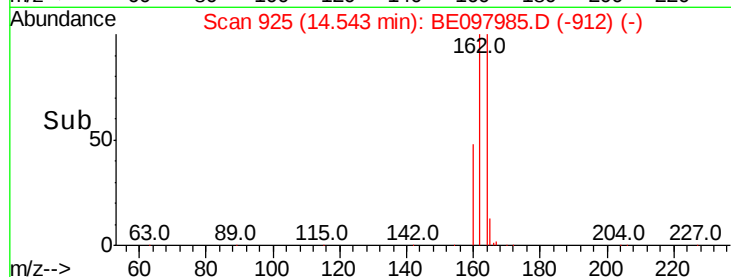
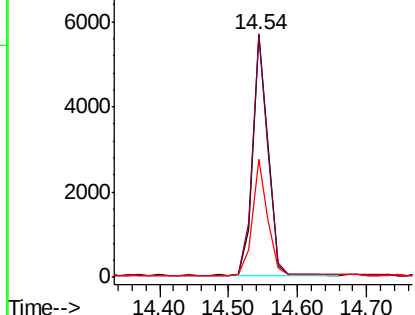
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 8775
Ion Ratio Lower Upper
164 100
162 100.4 77.4 116.2
160 48.6 36.5 54.7

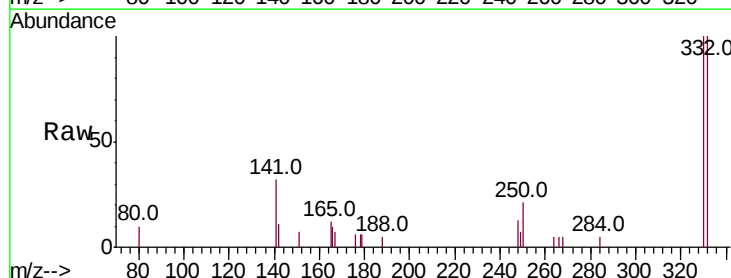


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

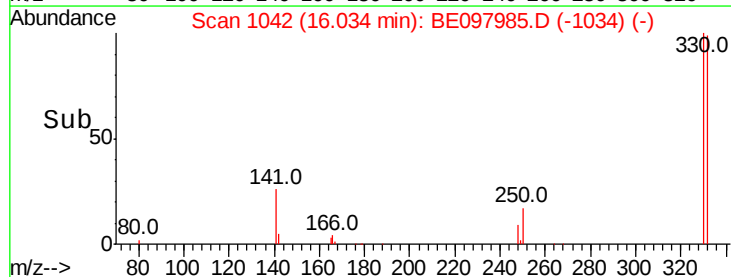
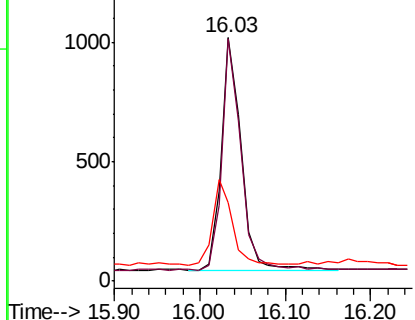


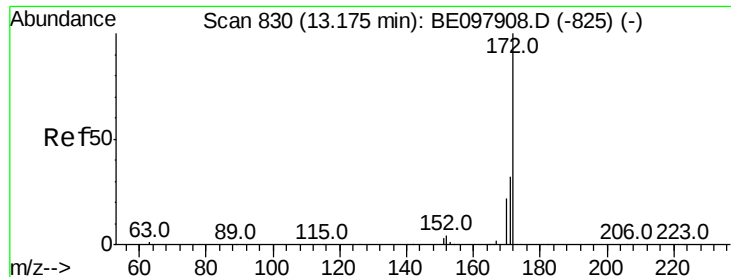
#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 16.03 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:330 Resp: 1581
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 36.5 31.8 47.6



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

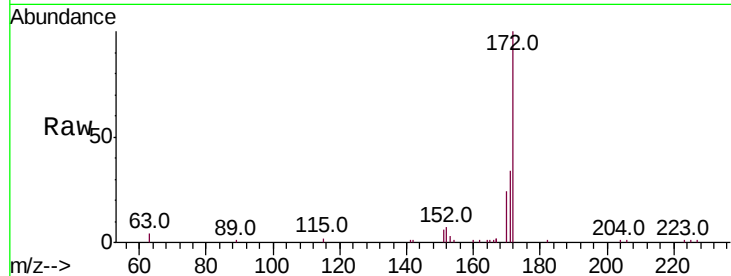




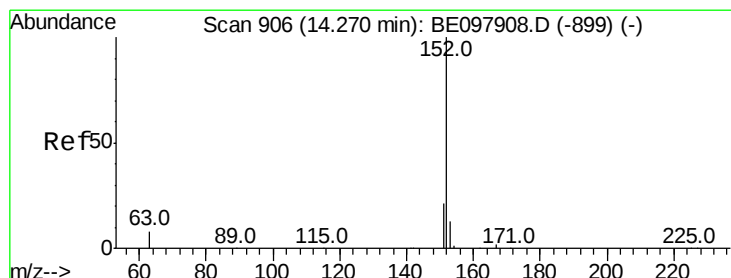
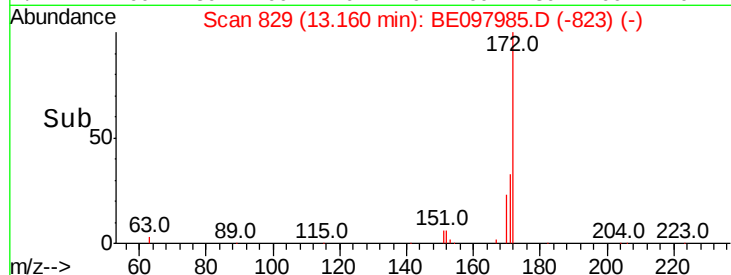
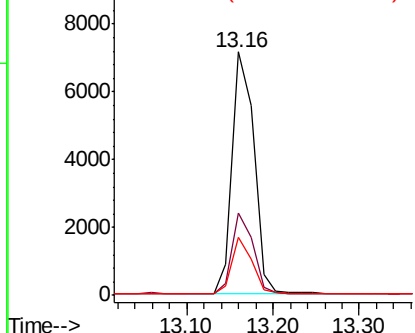
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 12390
Ion Ratio Lower Upper
172 100
171 33.9 26.0 39.0
170 23.9 18.0 27.0

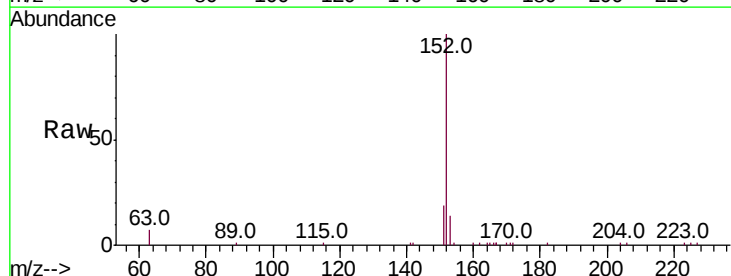


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

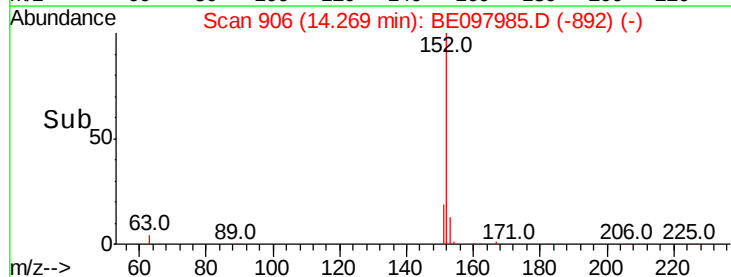
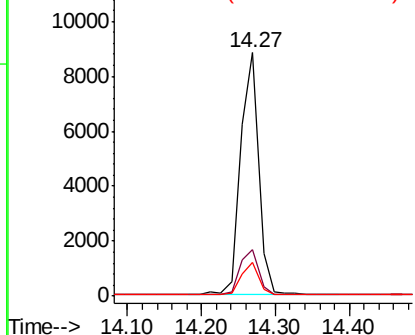


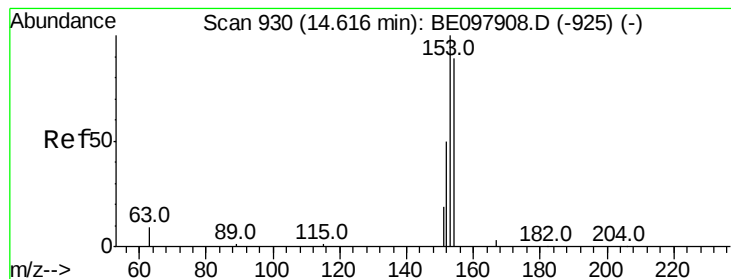
#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.27 min Scan# 906
Delta R.T. -0.00 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:152 Resp: 14968
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.0 10.9 16.3



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: 0.377 ng

RT: 14.62 min Scan# 930

Delta R.T. -0.00 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Instrument :

BNA_E

ClientSampleId :

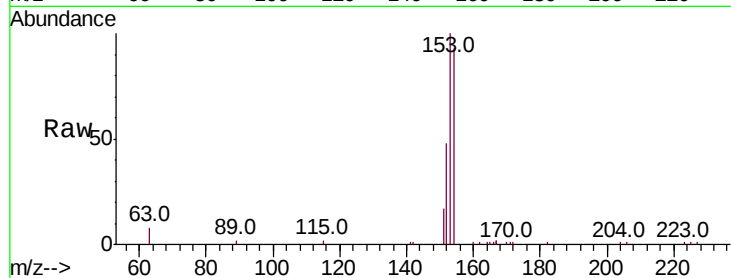
Tot Ion:154 Resp: 9335

Ion Ratio Lower Upper

154 100

153 112.2 92.6 139.0

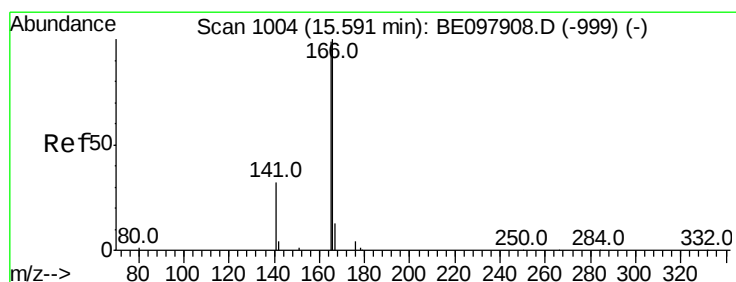
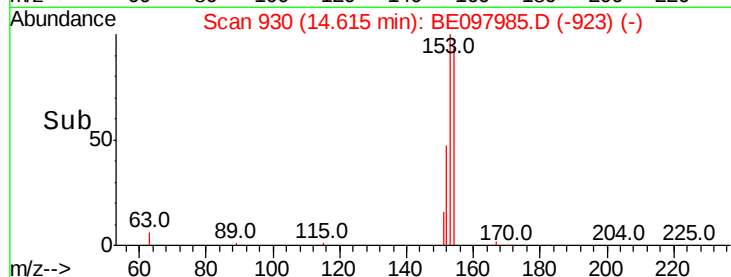
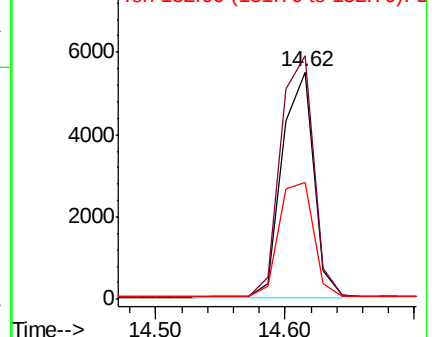
152 55.5 45.5 68.3



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: 0.354 ng

RT: 15.59 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

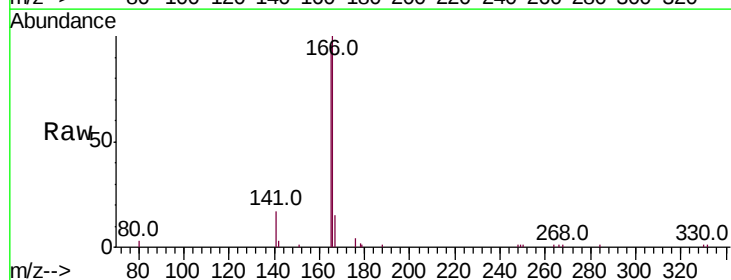
Tgt Ion:166 Resp: 12079

Ion Ratio Lower Upper

166 100

165 98.2 78.2 117.4

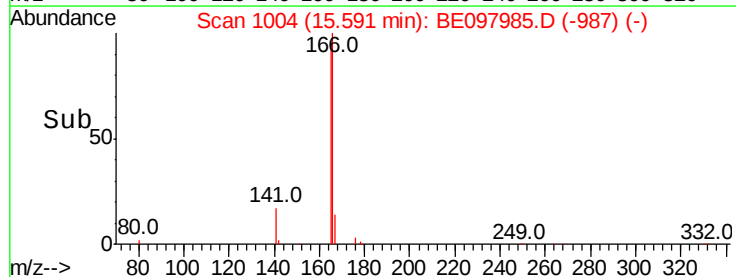
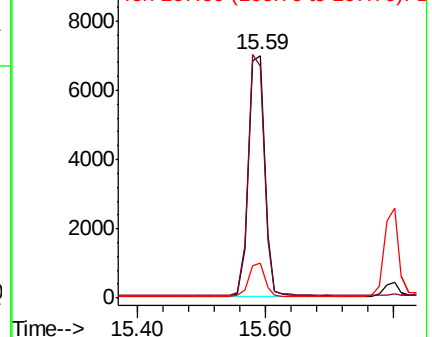
167 13.8 11.0 16.6

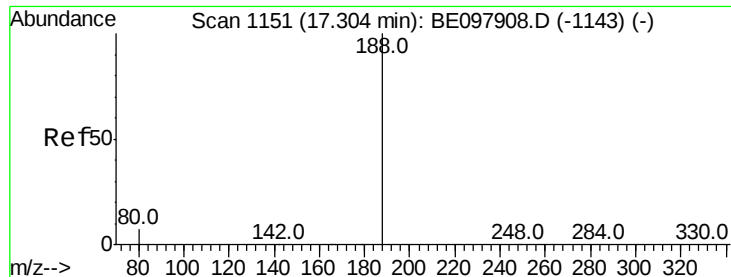


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.29 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Instrument :

BNA_E

ClientSampleId :

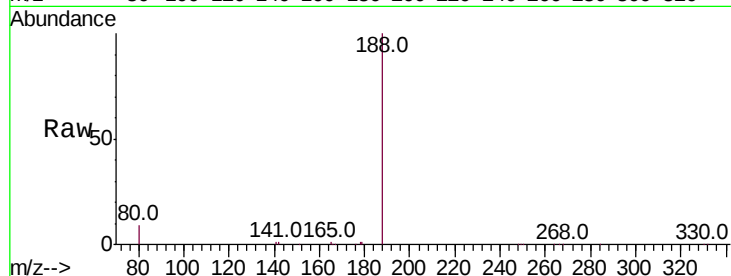
Tot Ion:188 Resp: 21966

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

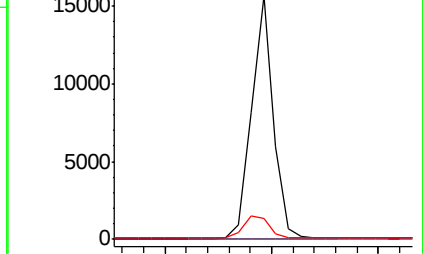
80 8.7 6.3 9.5



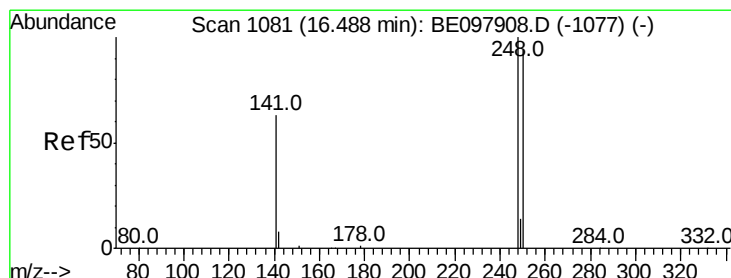
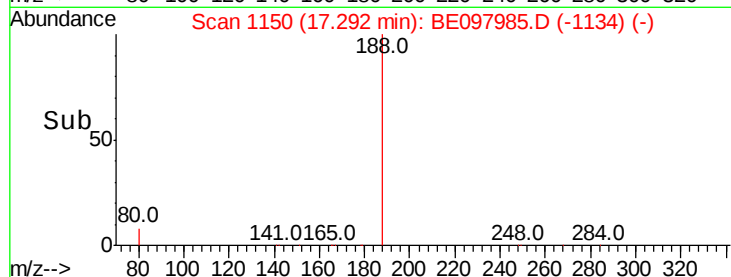
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.366 ng

RT: 16.48 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

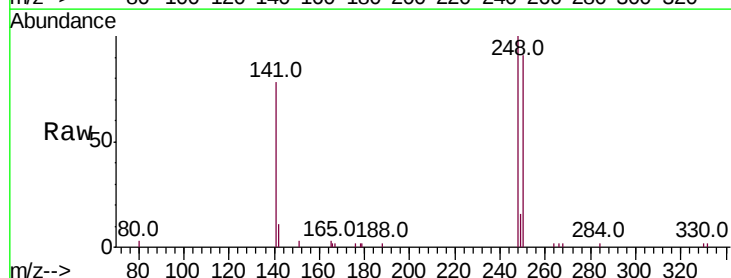
Tgt Ion:248 Resp: 4395

Ion Ratio Lower Upper

248 100

250 91.1 75.1 112.7

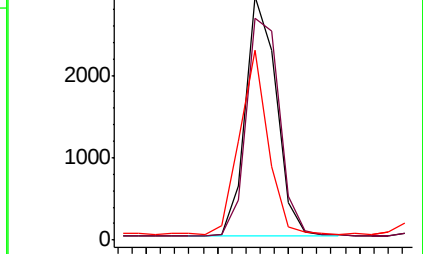
141 77.7 51.8 77.8



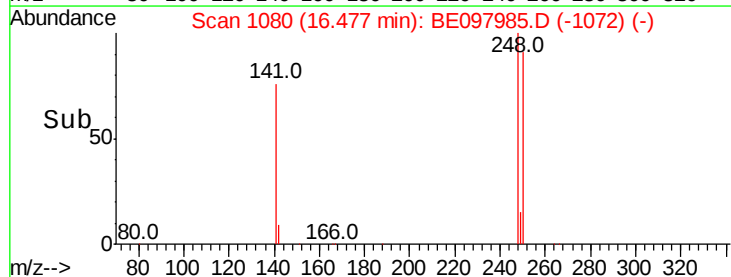
Abundance Ion 248.00 (247.70 to 248.70): E

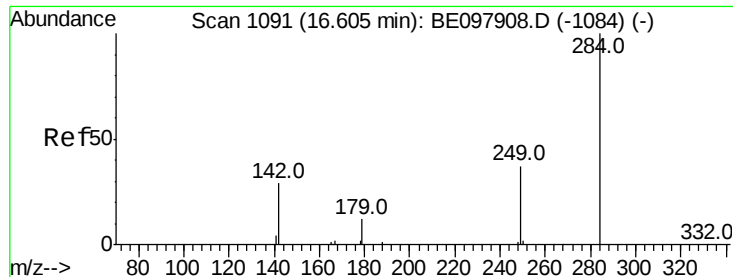
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#21

Hexachlorobenzene

Concen: 0.390 ng

RT: 16.59 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BE097985.D

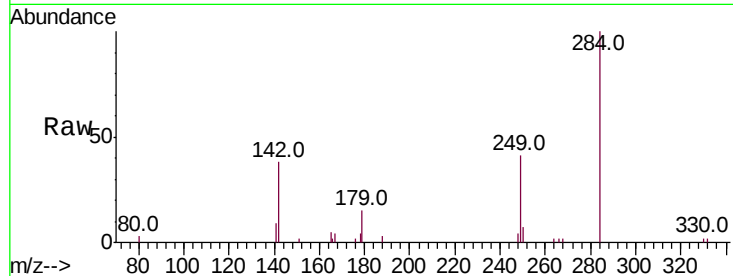
Acq: 19 Oct 2018 9:44

Instrument :

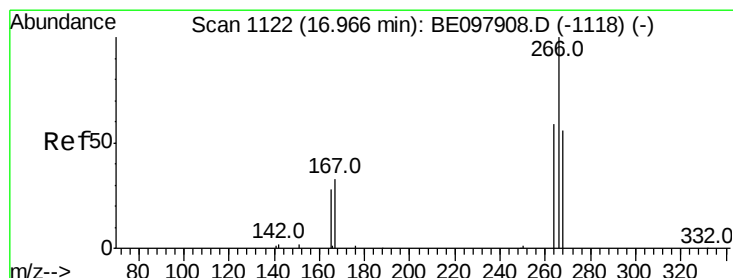
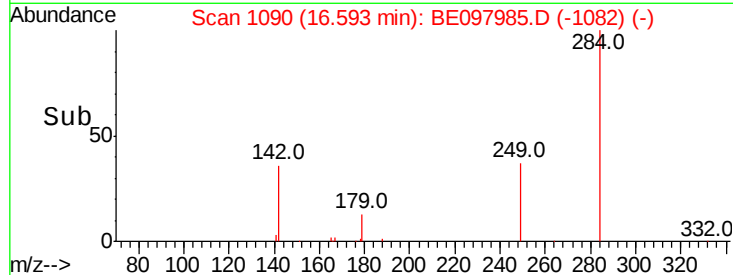
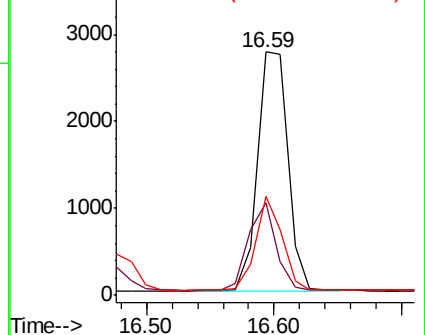
BNA_E

ClientSampleId :

Tot Ion:	284	Resp:	4602
Ion Ratio	Lower	Upper	
284	100		
142	33.2	25.9	38.9
249	33.8	26.6	40.0



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: 0.473 ng

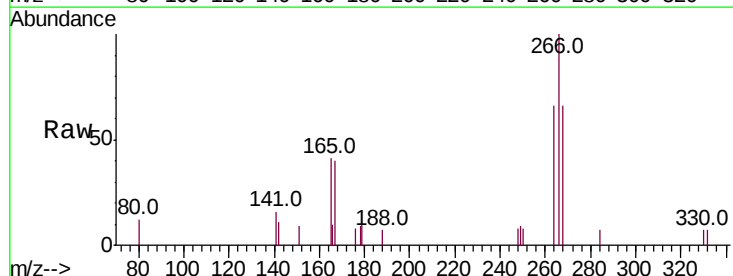
RT: 16.95 min Scan# 1121

Delta R.T. -0.01 min

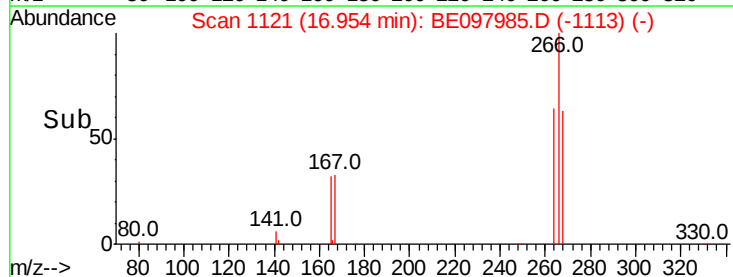
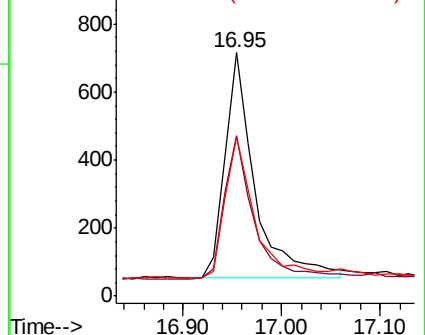
Lab File: BE097985.D

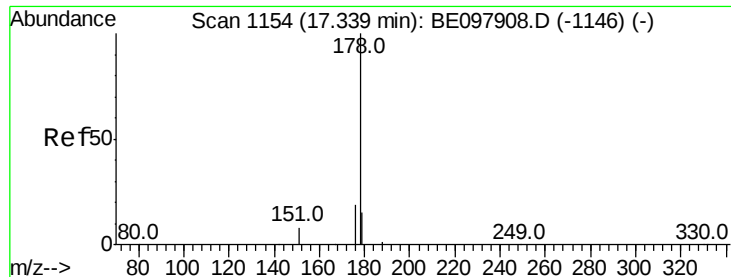
Acq: 19 Oct 2018 9:44

Tgt Ion:	266	Resp:	1391
Ion Ratio	Lower	Upper	
266	100		
264	65.6	51.3	76.9
268	65.5	50.1	75.1



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: 0.355 ng

RT: 17.33 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Instrument :

BNA_E

ClientSampleId :

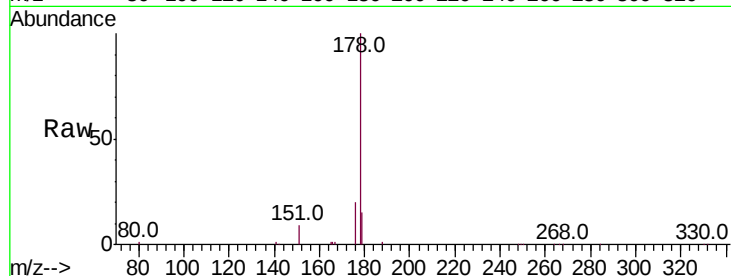
Tot Ion:178 Resp: 19825

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

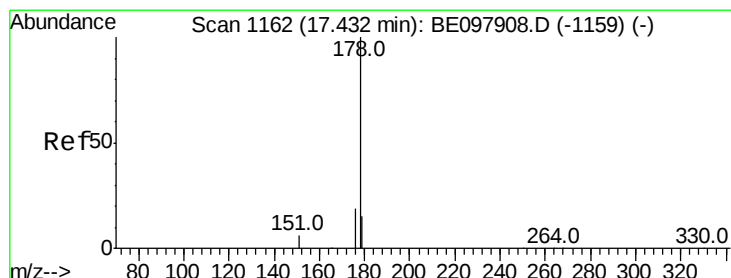
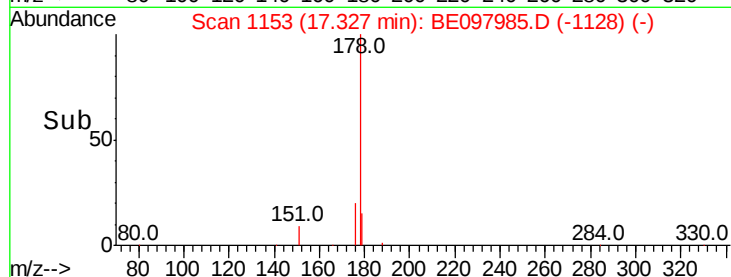
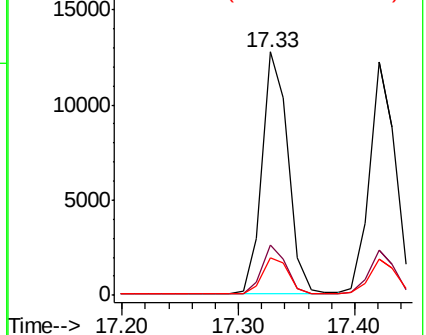
179 15.5 12.2 18.4



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: 0.354 ng

RT: 17.42 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

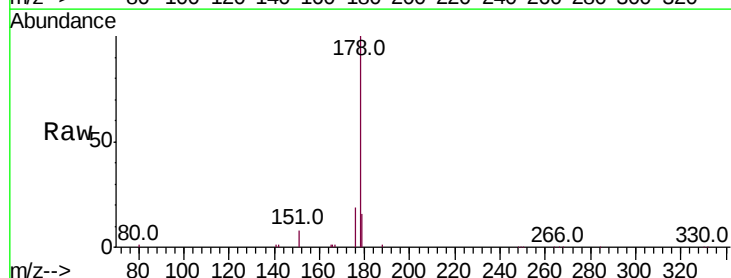
Tgt Ion:178 Resp: 18668

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

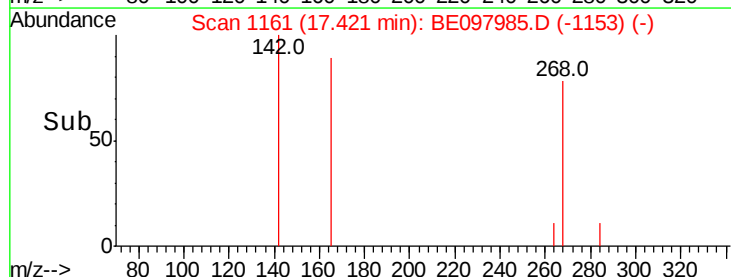
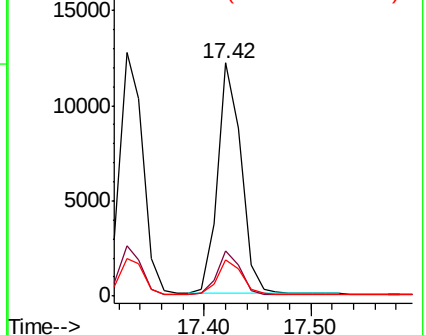
179 15.2 11.9 17.9

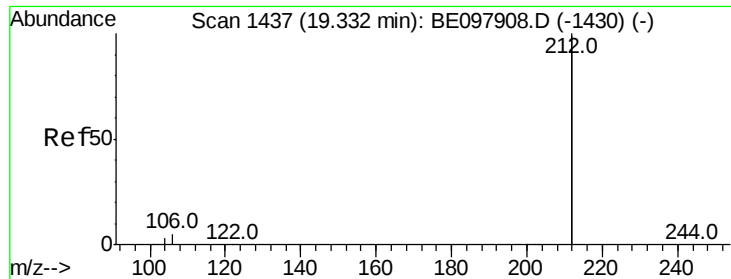


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.327 ng

RT: 19.32 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Instrument :

BNA_E

ClientSampleId :

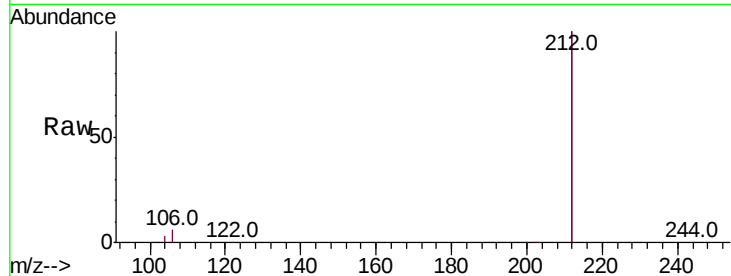
Tot Ion:212 Resp: 97241

Ion Ratio Lower Upper

212 100

106 2.8 2.3 3.5

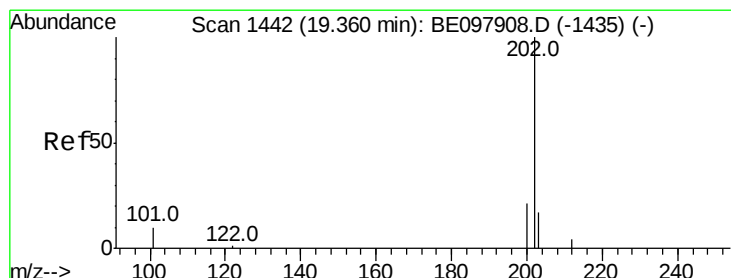
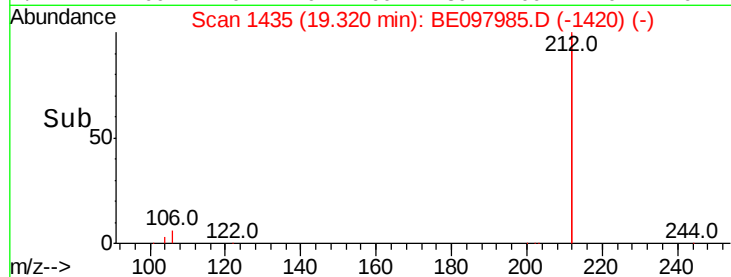
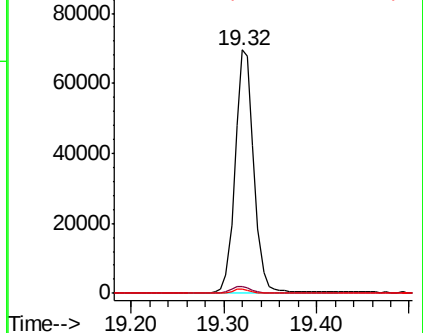
104 1.6 1.3 1.9



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: 0.332 ng

RT: 19.35 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

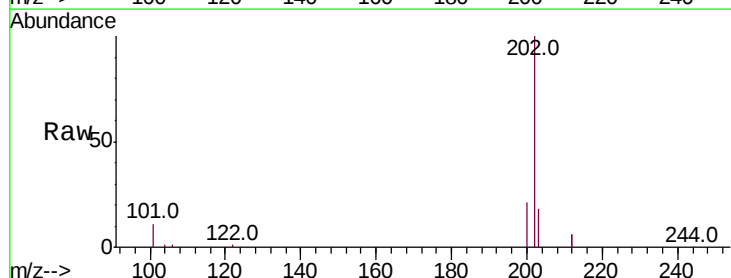
Tgt Ion:202 Resp: 24310

Ion Ratio Lower Upper

202 100

101 10.3 8.2 12.2

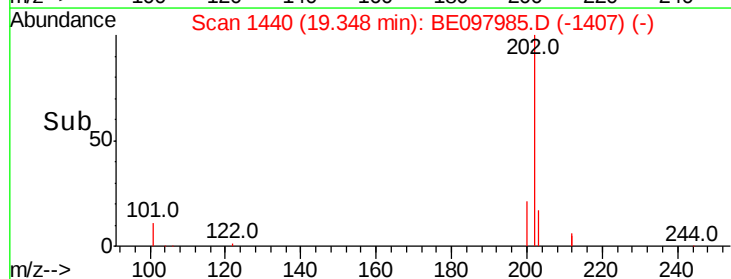
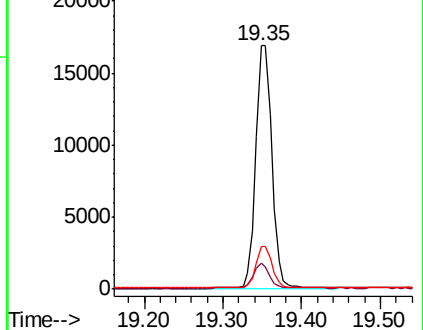
203 17.1 15.0 22.4

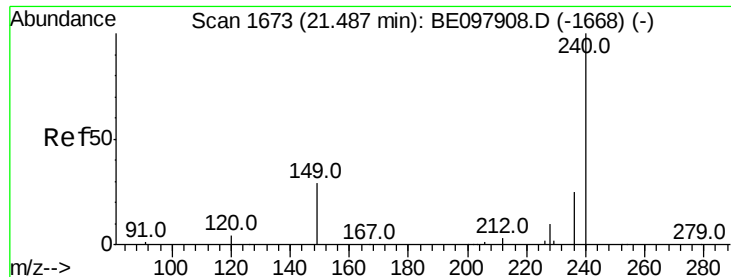


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

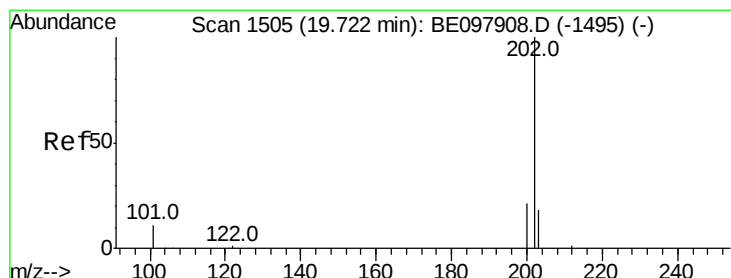
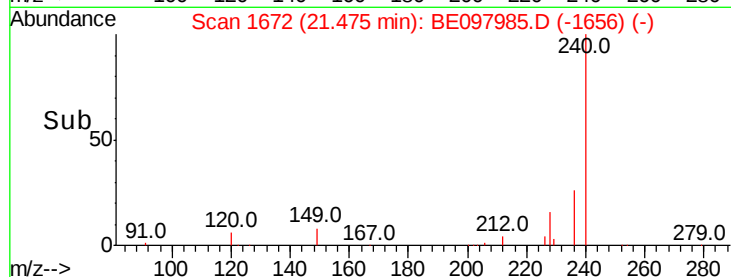
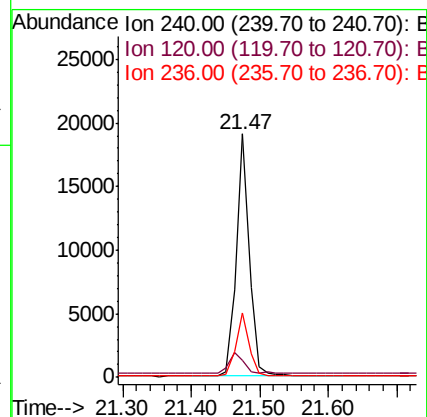
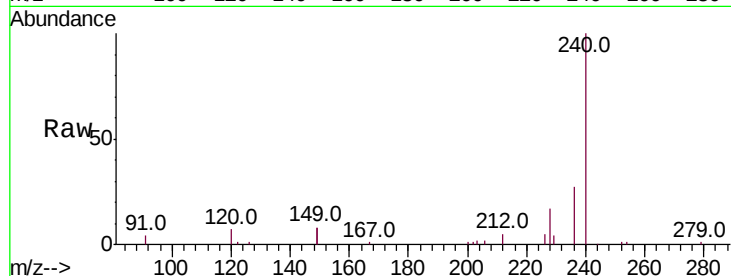




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.47 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BE097985.D
 Acq: 19 Oct 2018 9:44

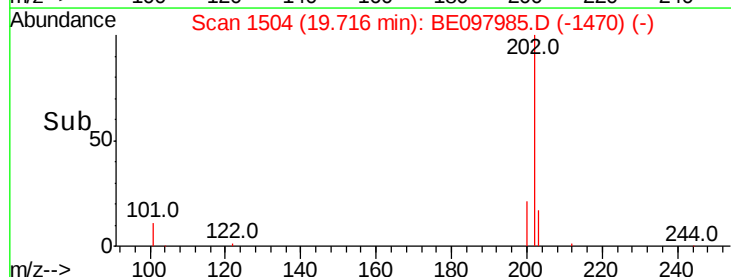
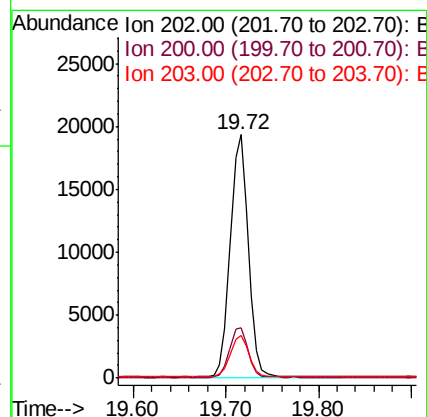
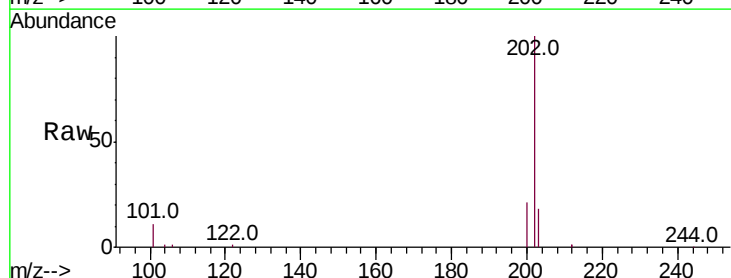
Instrument :
 BNA_E
 ClientSampleID :

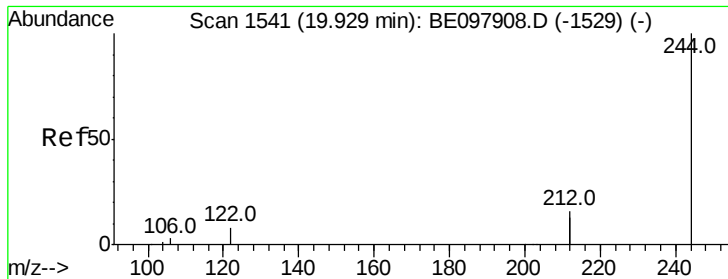
Tot Ion:240 Resp: 25250
 Ion Ratio Lower Upper
 240 100
 120 7.2 7.1 10.7
 236 26.7 21.3 31.9



#28
 Pyrene
 Concen: 0.356 ng
 RT: 19.72 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BE097985.D
 Acq: 19 Oct 2018 9:44

Tgt Ion:202 Resp: 25936
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.0 25.4
 203 17.6 14.2 21.4





#29

Terphenyl-d14

Concen: 0.345 ng

RT: 19.92 min Scan# 1539

Delta R.T. -0.01 min

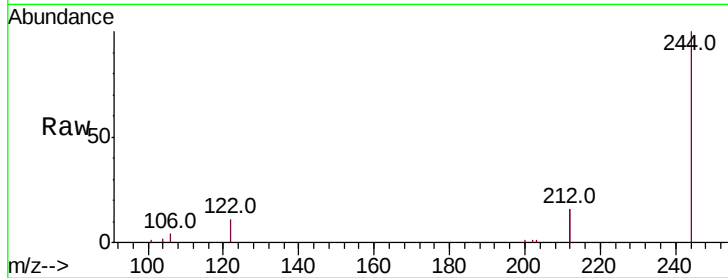
Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Instrument :

BNA_E

ClientSampleId :



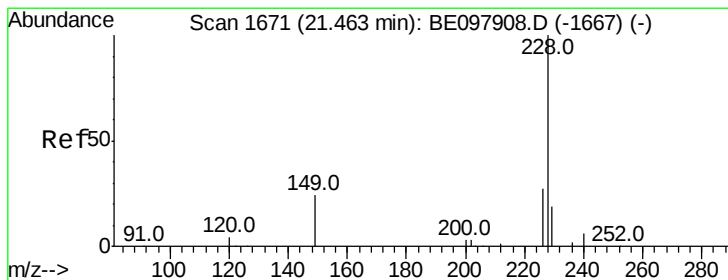
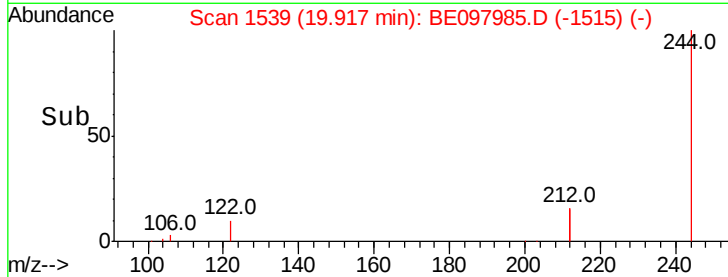
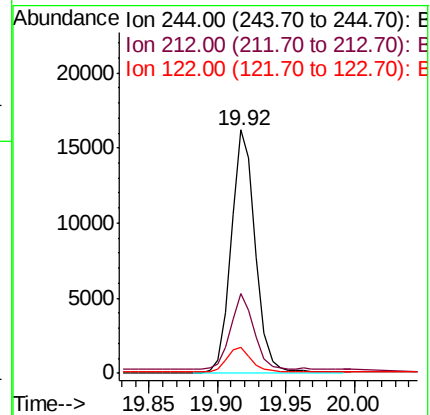
Tot Ion:244 Resp: 19985

Ion Ratio Lower Upper

244 100

212 32.6 26.2 39.2

122 10.9 7.7 11.5



#30

Benzo(a)anthracene

Concen: 0.352 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

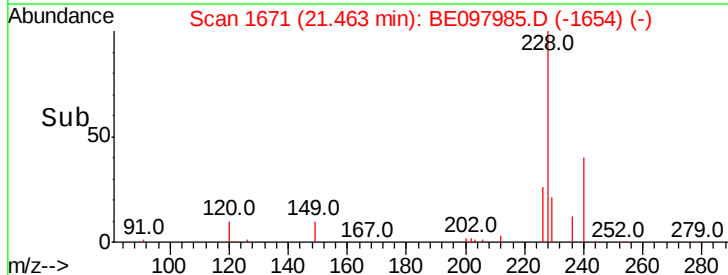
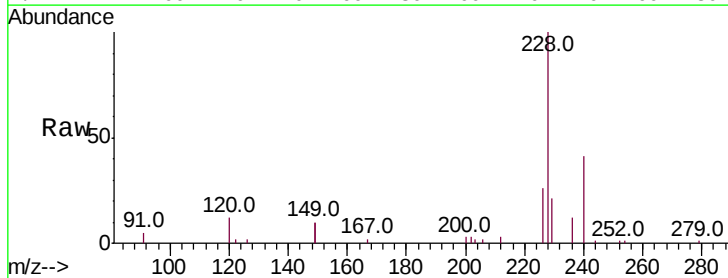
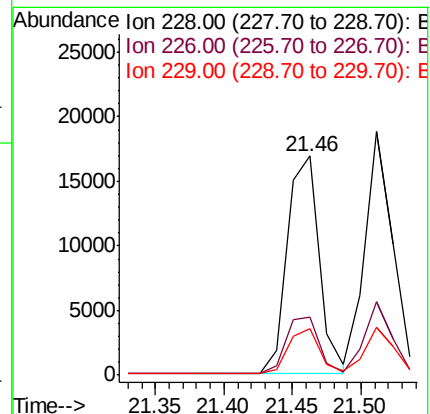
Tgt Ion:228 Resp: 27239

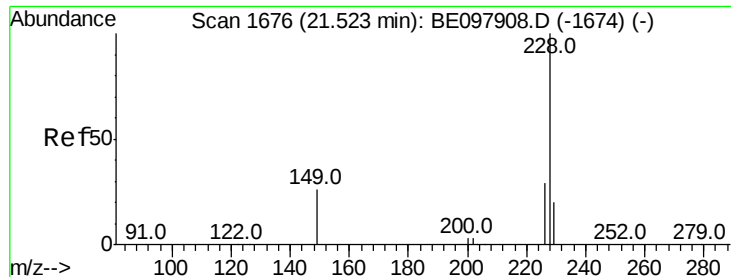
Ion Ratio Lower Upper

228 100

226 26.2 22.6 33.8

229 21.3 16.9 25.3





#31

Chrysene

Concen: 0.360 ng

RT: 21.51 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

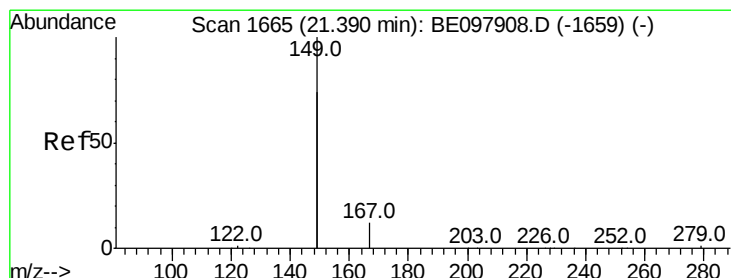
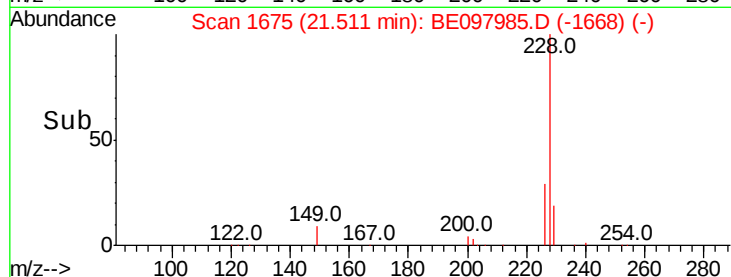
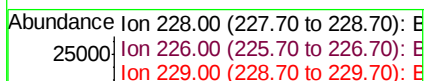
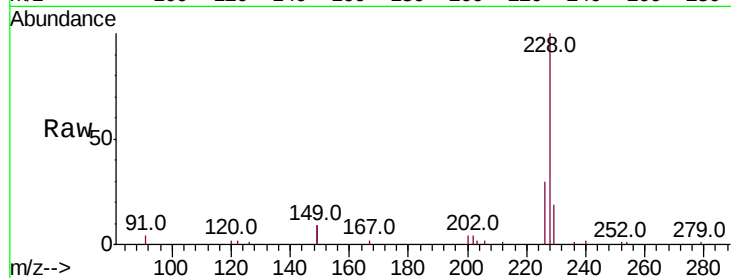
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 26407

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.5	17.3	25.9



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.318 ng

RT: 21.38 min Scan# 1664

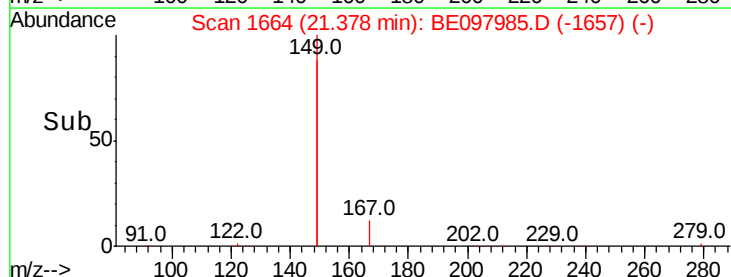
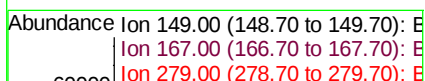
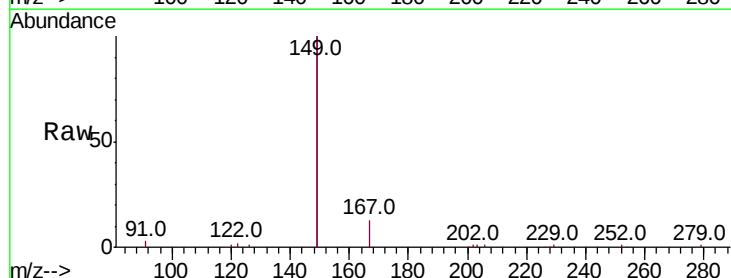
Delta R.T. -0.01 min

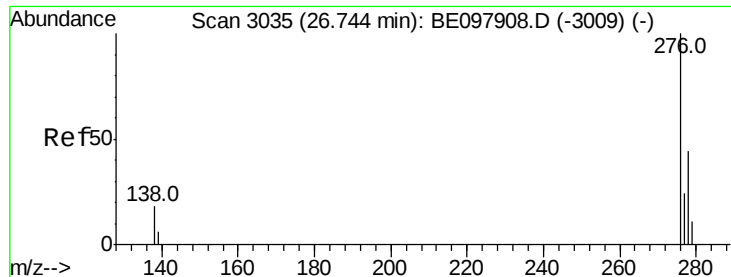
Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Tgt Ion:149 Resp: 61429

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.6	8.4
279	1.2	0.9	1.3





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.326 ng

RT: 26.72 min Scan# 3027

Delta R.T. -0.03 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Instrument :

BNA_E

ClientSampleId :

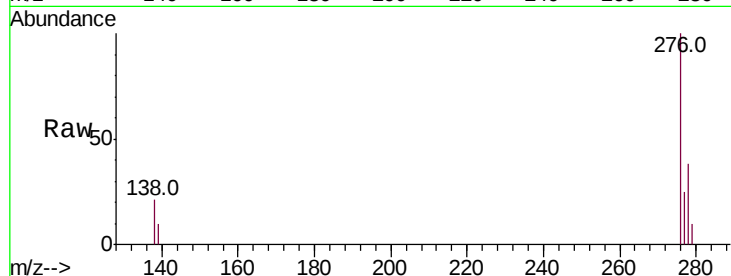
Tot Ion:276 Resp: 28136

Ion Ratio Lower Upper

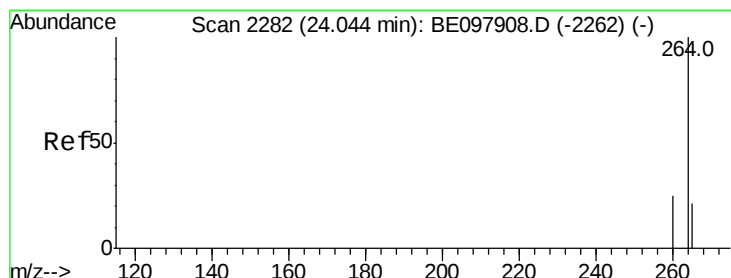
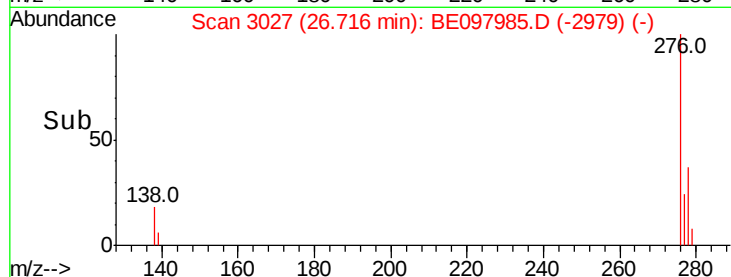
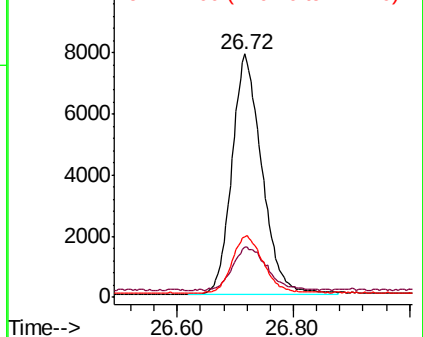
276 100

138 20.2 17.0 25.6

277 25.0 20.5 30.7



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: 24.02 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

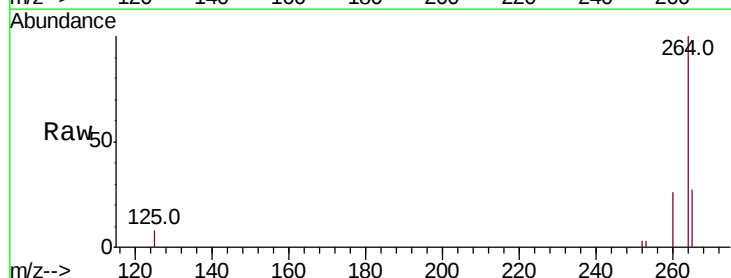
Tgt Ion:264 Resp: 24608

Ion Ratio Lower Upper

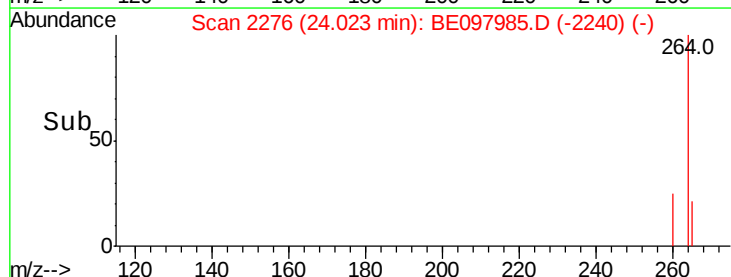
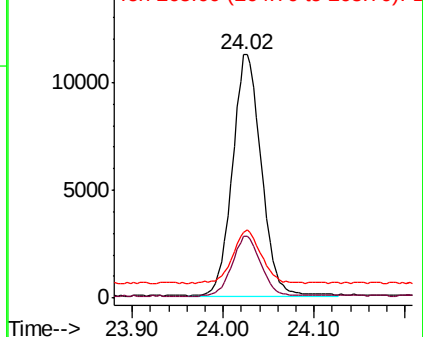
264 100

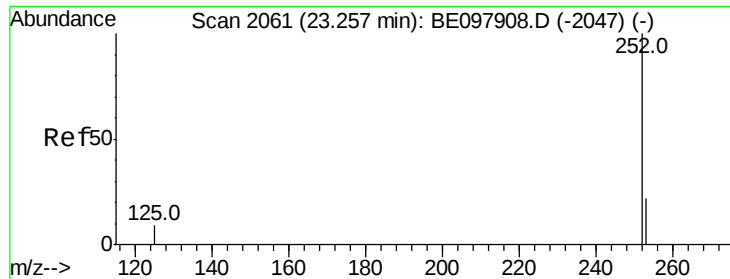
260 25.5 21.1 31.7

265 27.1 29.2 43.8#



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: 0.350 ng

RT: 23.24 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Instrument :

BNA_E

ClientSampleId :

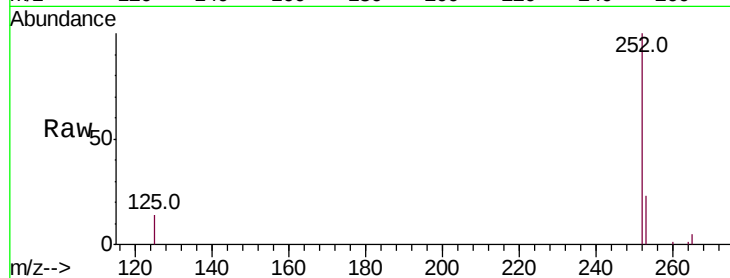
Tot Ion:252 Resp: 24809

Ion Ratio Lower Upper

252 100

253 23.4 20.6 31.0

125 13.8 14.3 21.5#

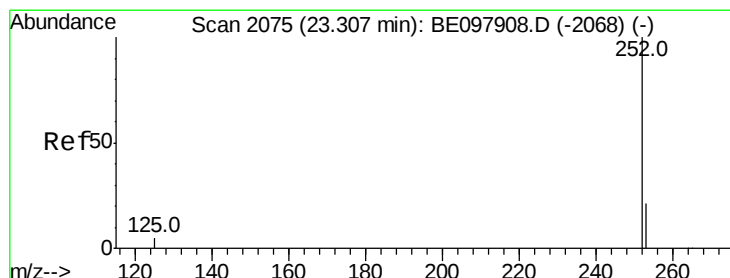
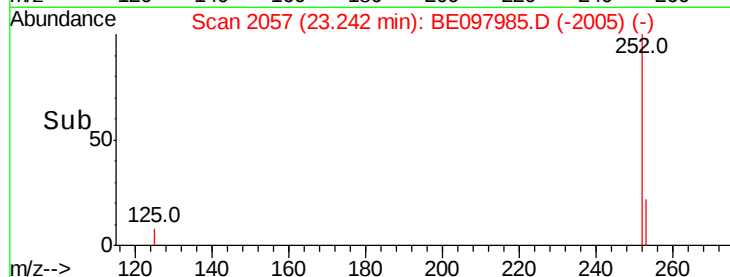
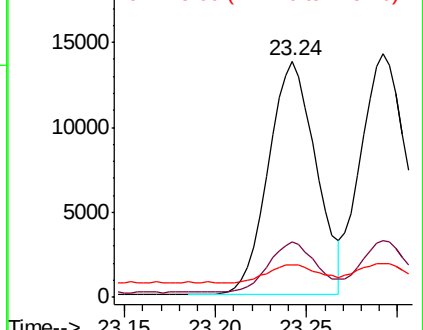


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.353 ng

RT: 23.29 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

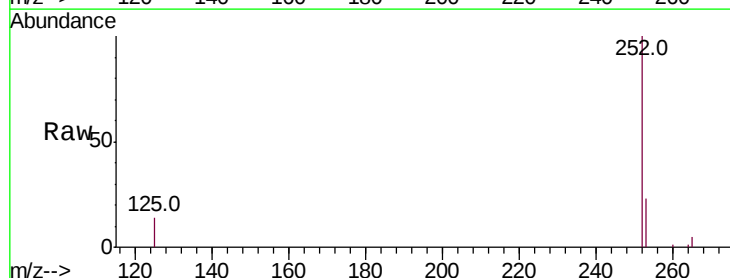
Tgt Ion:252 Resp: 26064

Ion Ratio Lower Upper

252 100

253 23.1 20.4 30.6

125 13.7 14.6 21.8#

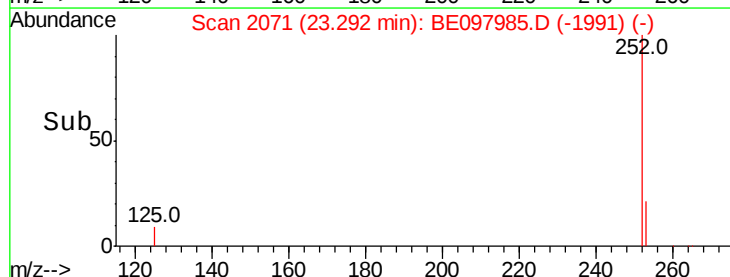
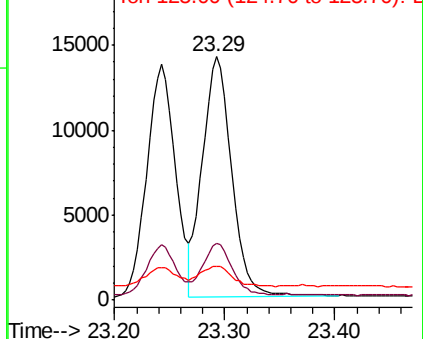


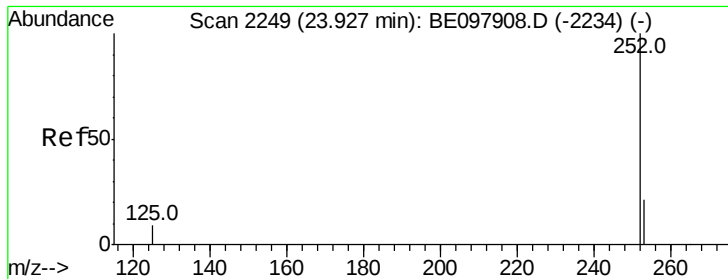
Abundance

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

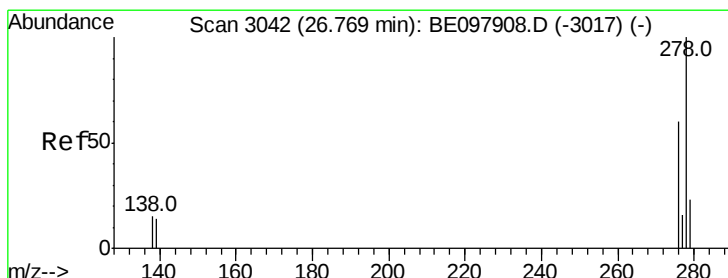
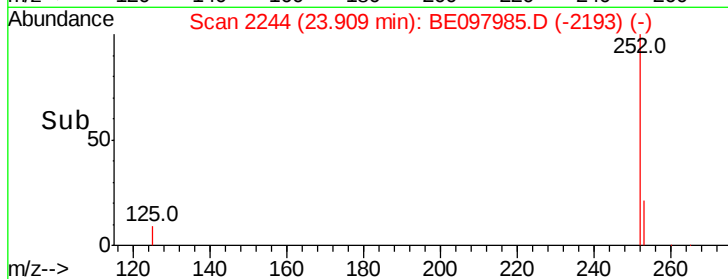
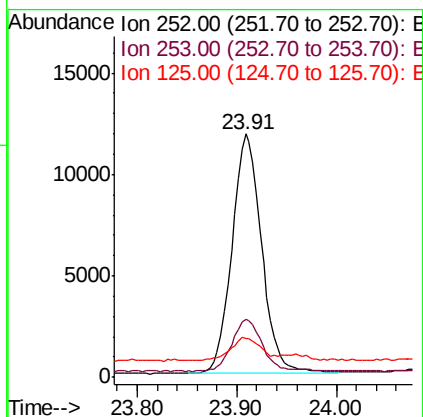
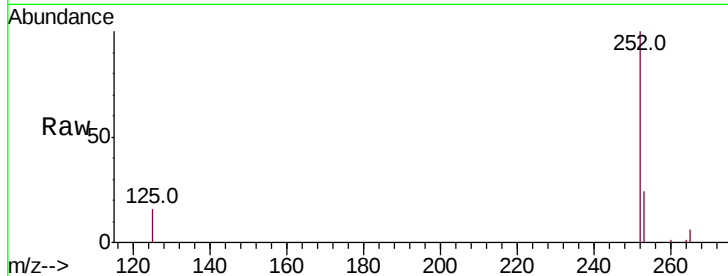




#37
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.91 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

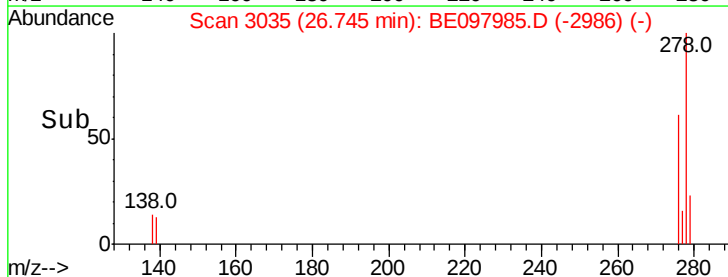
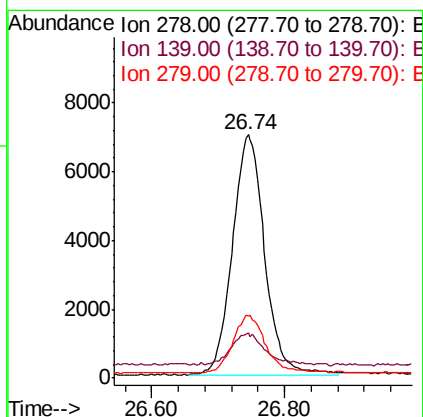
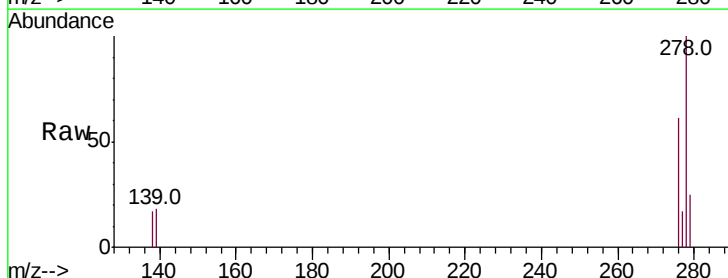
Instrument :
BNA_E
ClientSampleId :

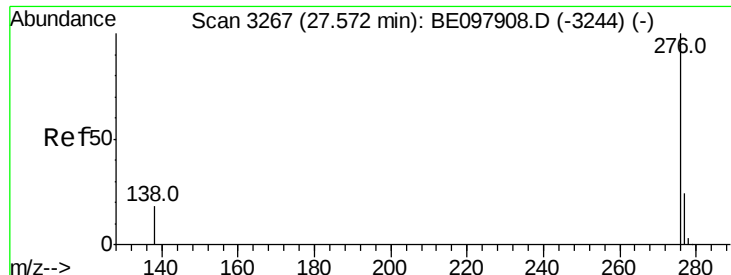
Tot Ion:252 Resp: 24496
Ion Ratio Lower Upper
252 100
253 23.8 20.6 31.0
125 16.0 15.6 23.4



#38
Dibenzo(a,h)anthracene
Concen: 0.348 ng
RT: 26.74 min Scan# 3035
Delta R.T. -0.02 min
Lab File: BE097985.D
Acq: 19 Oct 2018 9:44

Tgt Ion:278 Resp: 23492
Ion Ratio Lower Upper
278 100
139 18.3 16.3 24.5
279 25.4 21.4 32.2





#39

Benzo(a,h,i)perylene

Concen: 0.338 ng

RT: 27.55 min Scan# 3261

Delta R.T. -0.02 min

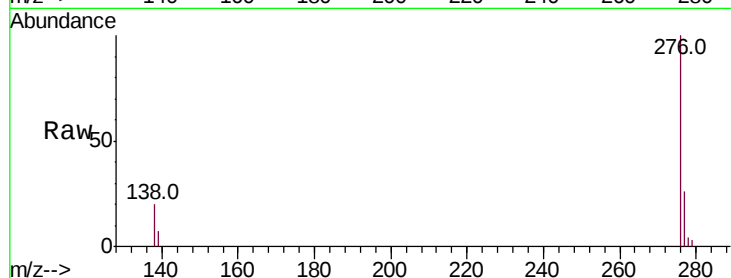
Lab File: BE097985.D

Acq: 19 Oct 2018 9:44

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 23381

Ion Ratio Lower Upper

276 100

277 26.3 22.1 33.1

138 20.4 19.3 28.9

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

